

DATA PACKAGE
SEMI-VOLATILE ORGANICS

PROJECT NAME : NJ SOIL PT

ALLIANCE TECHNICAL GROUP, LLC - NEWARK

284 Sheffiled Stree

Suite 1

Mountainside, NJ - 07092

Phone No: 908-789-8900

ORDER ID : Q3483

ATTENTION : Mohammad Ahmed



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3483

Project ID : NJ Soil PT

Client : Alliance Technical Group, LLC - Newark

Lab Sample Number

Q3483-01
Q3483-02
Q3483-03
Q3483-04
Q3483-05
Q3483-06
Q3483-07
Q3483-08
Q3483-09
Q3483-10
Q3483-11
Q3483-12
Q3483-13
Q3483-14
Q3483-15
Q3483-16
Q3483-17
Q3483-18
Q3483-19
Q3483-20
Q3483-21
Q3483-22
Q3483-23
Q3483-24
Q3483-25

Client Sample Number

HW1025-PT-AN-SOIL
HW1025-PT-CORR-SOIL
HW1025-PT-CN-SOIL
HW1025-PT-CN-SOIL
HW1025-PT-FP-SOIL
HW1025-PT-CR6-SOIL
HW1025-PT-NUT-SOIL
HW1025-PT-NUT-SOIL
HW1025-PT-OGR-SOIL
HW1025-PT-MET-SOIL
HW1025-PT-BNA-SOIL
HW1025-PT-TRIAZINE-SOIL
HW1025-PT-PAH-SOIL
HW1025-PT-DIES-SOIL
HW1025-PT-GAS-SOIL
HW1025-PT-NJEPH-SOIL
HW1025-PT-HERB-SOIL
HW1025-PT-PCB-SOIL
HW1025-PT-PCBO-SOIL
HW1025-PT-PEST-SOIL
HW1025-PT-CHLOR-SOIL
HW1025-PT-TXP-SOIL
HW1025-PT-VOA-SOIL
HW1025-PT-SOL-SOIL
HW1025-PT-NO2-SOIL

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: 12/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Alliance Technical Group, LLC - Newark

Project Name: NJ Soil PT

Project # N/A

Order ID # Q3483

Test Name: SVOCMS Group4

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 10/29/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group4. This data package contains results for SVOCMS Group4.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group4 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



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Signature_____

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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

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3483

MATRIX: Solid

METHOD: 8270E/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements. The Initial Calibration met the requirements. The Continuous Calibration met the requirements.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all compounds.			✓
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments:			✓
10.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		✓	

GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

(CONTINUED)

NA NO YES

11. Analysis Holding Time Met

✓

If not met, list number of days exceeded for each sample:

The Holding Times were met for all analysis.

ADDITIONAL COMMENTS:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

The soil samples results are based on a dry weight basis.

QA REVIEW

Date

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3483

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: SOHIL JODHANI

Date: 12/15/2025

LAB CHRONICLE

OrderID:	Q3483	OrderDate:	10/29/2025 2:32:00 PM
Client:	Alliance Technical Group, LLC - Newark	Project:	NJ Soil PT
Contact:	Mohammad Ahmed	Location:	QA Office,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3483-11	HW1025-PT-BNA-SOIL	SOIL			10/27/25			10/29/25
	L		SVOCMS Group1	8270E		11/18/25	11/26/25	
Q3483-11DL	HW1025-PT-BNA-SOIL	SOIL			10/27/25			10/29/25
	LDL		SVOCMS Group1	8270E		11/18/25	11/26/25	
Q3483-12	HW1025-PT-TRIAZIN	SOIL			10/27/25			10/29/25
	E-SOIL		SVOCMS Group4	8270E		11/18/25	11/26/25	
Q3483-13	HW1025-PT-PAH-SOIL	SOIL			10/27/25			10/29/25
	L		SVOCMS Group3	8270-Modified		11/18/25	12/01/25	
Q3483-13DL	HW1025-PT-PAH-SOIL	SOIL			10/27/25			10/29/25
	LDL		SVOCMS Group3	8270-Modified		11/18/25	12/01/25	



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Hit Summary Sheet SW-846

SDG No.: Q3483
Client: Alliance Technical Group, LLC - Newark

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	HW1025-PT-TRIAZINE-SOIL							
Q3483-12	HW1025-PT-TRIAZINE- SOIL		Atrazine	1,500.000		33.6	170	ug/Kg
			Total Svoc :		1,500.00			
			Total Concentration:		1,500.00			



QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3483

Client: Alliance Technical Group, LLC - Newark

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170598BL	PB170598BL	2-Fluorophenol	150	136	91		10	105
		Phenol-d6	150	136	90		10	103
		Nitrobenzene-d5	100	85.1	85		10	108
		2-Fluorobiphenyl	100	85.3	85		10	108
		2,4,6-Tribromophenol	150	129	86		10	116
		Terphenyl-d14	100	89.0	89		10	109
PB170598BS	PB170598BS	2-Fluorophenol	150	130	86		10	105
		Phenol-d6	150	131	87		10	103
		Nitrobenzene-d5	100	78.2	78		10	108
		2-Fluorobiphenyl	100	75.9	76		10	108
		2,4,6-Tribromophenol	150	126	84		10	116
		Terphenyl-d14	100	83.7	84		10	109
Q3483-12	HW1025-PT-TRIAZINE-SOIL	2-Fluorophenol	150	104	69		10	105
		Phenol-d6	150	108	72		10	103
		Nitrobenzene-d5	100	72.4	72		10	108
		2-Fluorobiphenyl	100	79.4	79		10	108
		2,4,6-Tribromophenol	150	138	92		10	116
		Terphenyl-d14	100	94.2	94		10	109
Q3658-01MS	NB-07-111725MS	2-Fluorophenol	150	98.6	66		10	105
		Phenol-d6	150	99.7	66		10	103
		Nitrobenzene-d5	100	62.3	62		10	108
		2-Fluorobiphenyl	100	59.3	59		10	108
		2,4,6-Tribromophenol	150	90.8	61		10	116
		Terphenyl-d14	100	73.4	73		10	109
Q3658-01MSD	NB-07-111725MSD	2-Fluorophenol	150	98.7	66		10	105
		Phenol-d6	150	99.1	66		10	103
		Nitrobenzene-d5	100	61.9	62		10	108
		2-Fluorobiphenyl	100	57.3	57		10	108
		2,4,6-Tribromophenol	150	93.0	62		10	116
		Terphenyl-d14	100	72.9	73		10	109

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.:	Q3483	Analytical Method:	SW8270E
Client:	Alliance Technical Group, LLC - Newark	DataFile:	BG064805.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3658-01MS	Client Sample ID:	NB-07-111725MS								
Atrazine	1100	0	1000	ug/Kg	91				79	127	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3483

Analytical Method: SW8270E

Client: Alliance Technical Group, LLC - Newark

DataFile: BG064806.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3658-01MSD	Client Sample ID:	NB-07-111725MSD								
Atrazine	1100	0	1000	ug/Kg	91		0		79	127	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3483

Analytical Method: 8270E

Client: Alliance Technical Group, LLC - Newark

DataFile: BG064801.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170598BS	Atrazine	1700	1400	ug/Kg	82				71	122		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170598BL

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab File ID: BG064800.D

Lab Sample ID: PB170598BL

Instrument ID: BNA_G

Date Extracted: 11/18/2025

Matrix: (soil/water) SOIL

Date Analyzed: 11/18/2025

Level: (low/med) LOW

Time Analyzed: 12:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170598BS	PB170598BS	BG064801.D	11/18/2025
NB-07-111725MS	Q3658-01MS	BG064805.D	11/18/2025
NB-07-111725MSD	Q3658-01MSD	BG064806.D	11/18/2025
HW1025-PT-TRIAZINE-SOIL	Q3483-12	BP026194.D	11/26/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064744.D
Instrument ID: BNA_G

Contract: ALLI03
SDG NO.: Q3483
DFTPP Injection Date: 11/12/2025
DFTPP Injection Time: 10:37

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	100
70	Less than 2.0% of mass 69	0.1 (0.2) 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	7.7
365	Greater than 1% of mass 198	5.6
441	Present, but less than mass 443	84.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BG064745.D	11/12/2025	11:17
SSTDICC005	SSTDICC005	BG064746.D	11/12/2025	11:58
SSTDICC010	SSTDICC010	BG064747.D	11/12/2025	12:39
SSTDICC020	SSTDICC020	BG064748.D	11/12/2025	13:20
SSTDICCC040	SSTDICCC040	BG064749.D	11/12/2025	14:00
SSTDICC050	SSTDICC050	BG064750.D	11/12/2025	14:41
SSTDICC060	SSTDICC060	BG064751.D	11/12/2025	15:23
SSTDICC080	SSTDICC080	BG064752.D	11/12/2025	16:04



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BG064798.D
Instrument ID: BNA_G

Contract: ALLI03
SDG NO.: Q3483
DFTPP Injection Date: 11/18/2025
DFTPP Injection Time: 11:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.1 (0.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	84.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (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
SSTDCCC040	SSTDCCC040	BG064799.D	11/18/2025	12:10
PB170598BL	PB170598BL	BG064800.D	11/18/2025	12:53
PB170598BS	PB170598BS	BG064801.D	11/18/2025	13:34
NB-07-111725MS	Q3658-01MS	BG064805.D	11/18/2025	16:21
NB-07-111725MSD	Q3658-01MSD	BG064806.D	11/18/2025	17:01



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: ALLI03
SDG NO.: Q3483
DFTPP Injection Date: 11/18/2025
DFTPP Injection Time: 13:45

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	79.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.3 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP026143.D	11/18/2025	14:31
SSTDICC005	SSTDICC005	BP026144.D	11/18/2025	15:12
SSTDICC010	SSTDICC010	BP026145.D	11/18/2025	15:54
SSTDICC020	SSTDICC020	BP026146.D	11/18/2025	16:35
SSTDICCC040	SSTDICCC040	BP026147.D	11/18/2025	17:57
SSTDICC050	SSTDICC050	BP026148.D	11/18/2025	18:38
SSTDICC060	SSTDICC060	BP026149.D	11/18/2025	20:00
SSTDICC080	SSTDICC080	BP026150.D	11/18/2025	21:22



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP026189.D
Instrument ID: BNA_P

Contract: ALLI03
SDG NO.: Q3483
DFTPP Injection Date: 11/26/2025
DFTPP Injection Time: 13:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	79.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP026190.D	11/26/2025	14:04
HW1025-PT-TRIAZINE-SOIL	Q3483-12	BP026194.D	11/26/2025	19:14

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3483

Client ID : SSTDCCC040

Date Analyzed: 11/18/2025

Lab File ID: BG064799.D

Time Analyzed: 12:10

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	48235	8.164	186828	10.98	151237	14.77
UPPER LIMIT	96470	8.664	373656	11.478	302474	15.274
LOWER LIMIT	24117.5	7.664	93414	10.478	75618.5	14.274
EPA SAMPLE NO.						
01 PB170598BL	39789	8.16	147034	10.98	118356	14.78
02 PB170598BS	43218	8.16	173831	10.98	141529	14.77
03 NB-07-111725MS	48188	8.16	195252	10.98	155870	14.77
04 NB-07-111725MSD	45859	8.16	185864	10.98	153717	14.77

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.: Q3483

Client ID: SSTDCCC040

Date Analyzed: 11/18/2025

Lab File ID: BG064799.D

Time Analyzed: 12:10

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	378244	17.5	462465	21.754	455207	25.009
UPPER LIMIT	756488	18	924930	22.254	910414	25.509
LOWER LIMIT	189122	17	231233	21.254	227604	24.509
EPA SAMPLE NO.						
01 PB170598BL	299804	17.50	430208	21.75	423715	25.01
02 PB170598BS	367810	17.51	443295	21.75	396280	25.01
03 NB-07-111725MS	348676	17.51	336753	21.75	363160	25.02
04 NB-07-111725MSD	346793	17.51	343005	21.75	371739	25.02

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3483

Client ID : SSTDCCC040

Date Analyzed: 11/26/2025

Lab File ID: BP026190.D

Time Analyzed: 14:04

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	263413	7.666	1101920	10.43	729934	14.29
UPPER LIMIT	526826	8.166	2203840	10.925	1459870	14.789
LOWER LIMIT	131707	7.166	550960	9.925	364967	13.789
EPA SAMPLE NO.						
01 HW1025-PT-TRIAZINE-SOIL	233633	7.66	911071	10.43	603828	14.30

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.: Q3483

Client ID: SSTDCCC040

Date Analyzed: 11/26/2025

Lab File ID: BP026190.D

Time Analyzed: 14:04

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	1501840	17.095	1698650	21.554	1917740	24.854
UPPER LIMIT	3003680	17.595	3397300	22.054	3835480	25.354
LOWER LIMIT	750920	16.595	849325	21.054	958870	24.354
EPA SAMPLE NO.						
01 HW1025-PT-TRIAZINE-SOIL	1239080	17.11	1354640	21.55	1546710	24.84

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18



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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	10/27/25
Project:	NJ Soil PT		Date Received:	10/29/25
Client Sample ID:	HW1025-PT-TRIAZINE-SOIL		SDG No.:	Q3483
Lab Sample ID:	Q3483-12		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	30.36 g	Final Vol: 1000 uL	Test:	SVOCMS Group4
Prep Method :	SW3541	Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
1912-24-9	Atrazine	1500		1	33.6	170	ug/Kg	11/26/25 19:14	PB170598
SURROGATES									
367-12-4	2-Fluorophenol	104			10 - 105	69%	SPK: 150		
13127-88-3	Phenol-d6	108			10 - 103	72%	SPK: 150		
4165-60-0	Nitrobenzene-d5	72.4			10 - 108	72%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.4			10 - 108	79%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	138			10 - 116	92%	SPK: 150		
1718-51-0	Terphenyl-d14	94.2			10 - 109	94%	SPK: 100		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	234000							
1146-65-2	Naphthalene-d8	911000							
15067-26-2	Acenaphthene-d10	604000							
1517-22-2	Phenanthrene-d10	1240000							
1719-03-5	Chrysene-d12	1350000							
1520-96-3	Perylene-d12	1550000							

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\BP112725\
Data File : BP026194.D
Acq On : 26 Nov 2025 19:14
Operator : RC/JU
Sample : Q3483-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HW1025-PT-TRIAZINE-SOIL

Quant Time: Nov 27 00:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

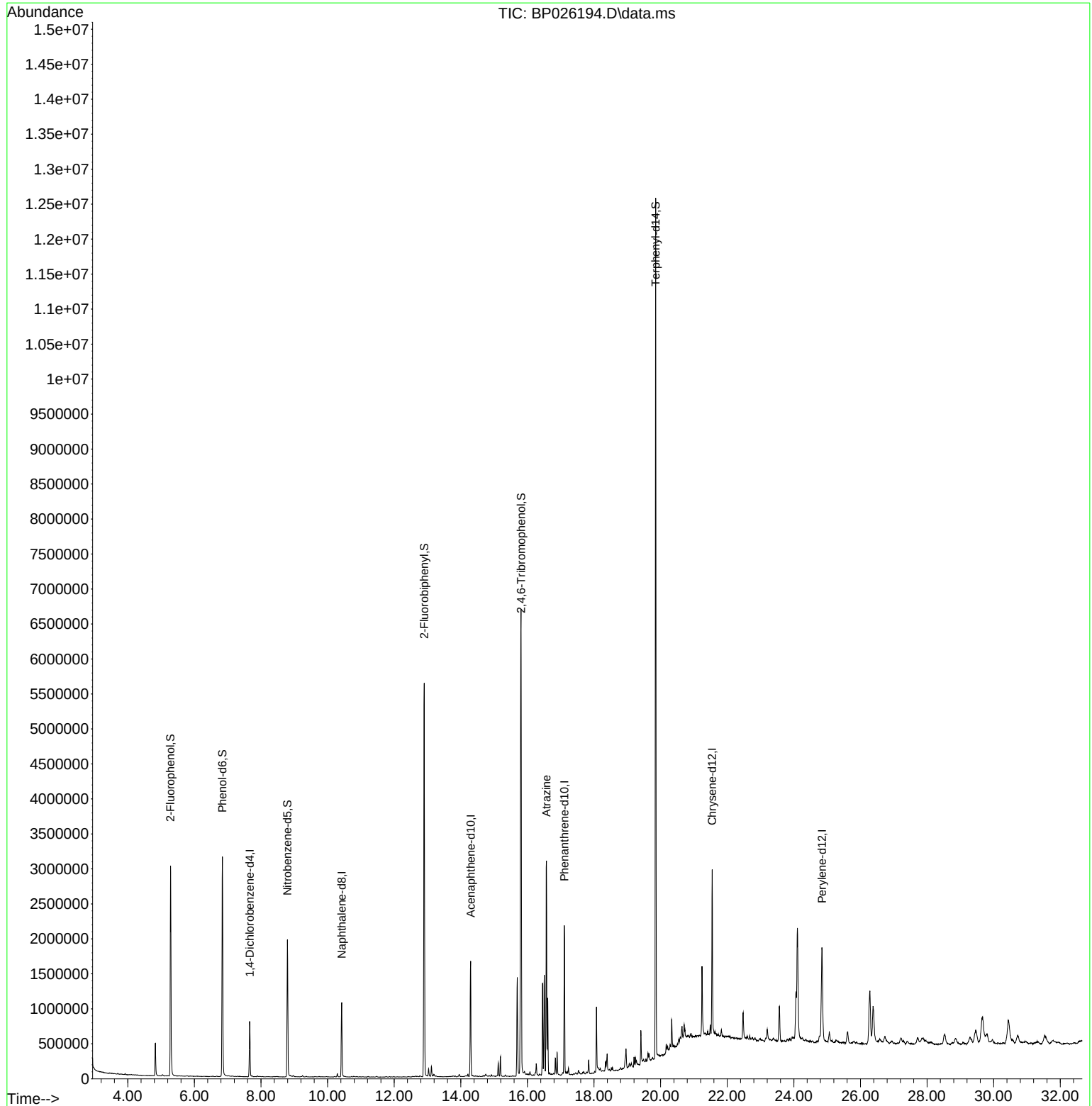
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	233633	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	911071	20.000	ng	-0.02
39) Acenaphthene-d10	14.295	164	603828	20.000	ng	-0.03
64) Phenanthrene-d10	17.107	188	1239075	20.000	ng	-0.02
76) Chrysene-d12	21.548	240	1354637	20.000	ng	-0.02
86) Perylene-d12	24.842	264	1546707	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1514695	104.061	ng	0.00
7) Phenol-d6	6.843	99	1992679	107.534	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1161477	72.414	ng	-0.02
42) 2,4,6-Tribromophenol	15.813	330	1083394	138.309	ng	-0.02
45) 2-Fluorobiphenyl	12.901	172	3272613	79.432	ng	-0.03
79) Terphenyl-d14	19.854	244	6261404	94.249	ng	-0.02
Target Compounds						Qvalue
69) Atrazine	16.572	200	640996	44.348	ng	98

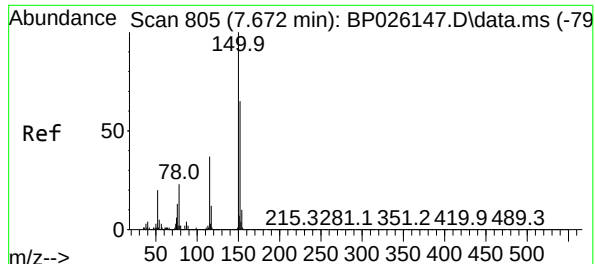
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026194.D
Acq On : 26 Nov 2025 19:14
Operator : RC/JU
Sample : Q3483-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HW1025-PT-TRIAZINE-SOIL

Quant Time: Nov 27 00:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

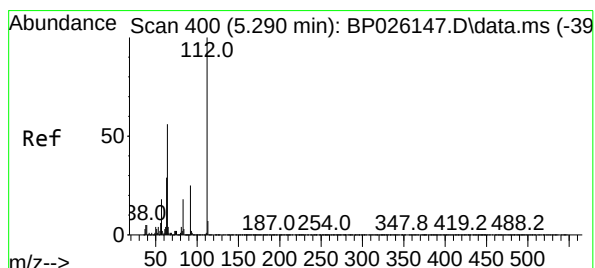
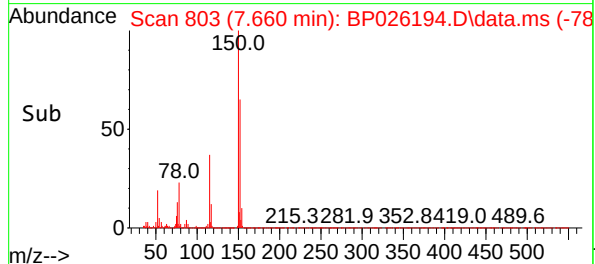
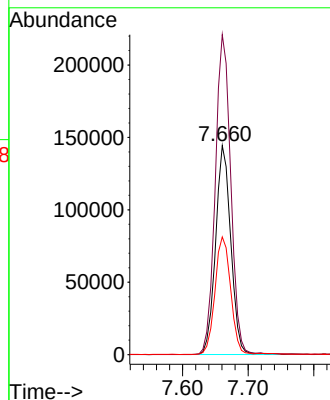
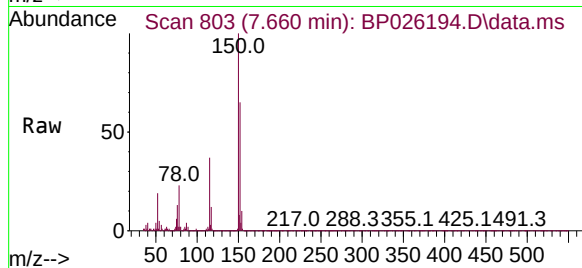




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.660 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP026194.D
Acq: 26 Nov 2025 19:14

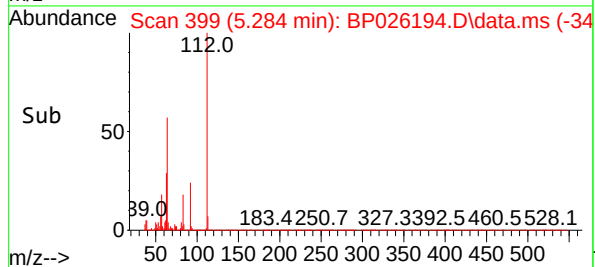
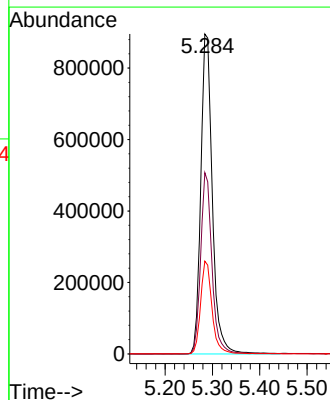
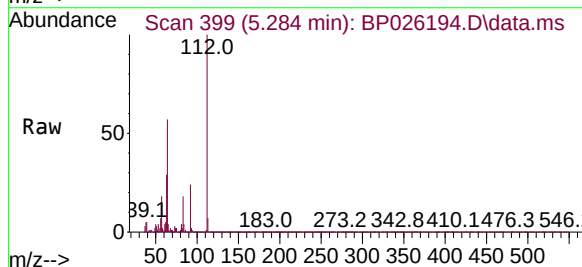
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-TRIAZINE-SOIL

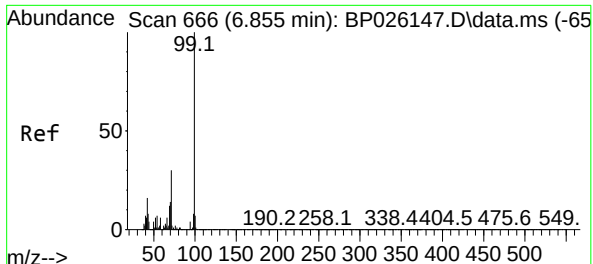
Tgt Ion:152 Resp: 233633
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.6
115 56.3 46.3 69.5



#5
2-Fluorophenol
Concen: 104.061 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026194.D
Acq: 26 Nov 2025 19:14

Tgt Ion:112 Resp: 1514695
Ion Ratio Lower Upper
112 100
64 56.6 45.8 68.6
63 29.0 23.5 35.3



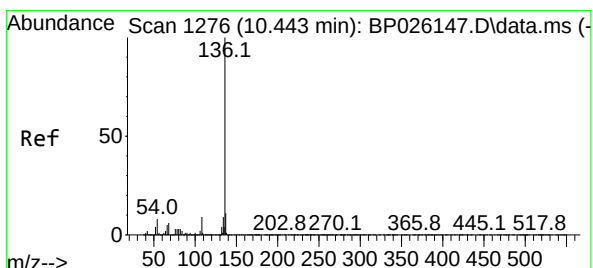
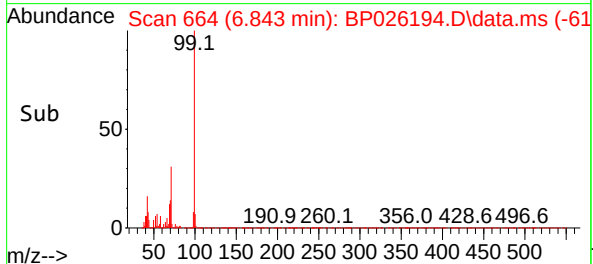
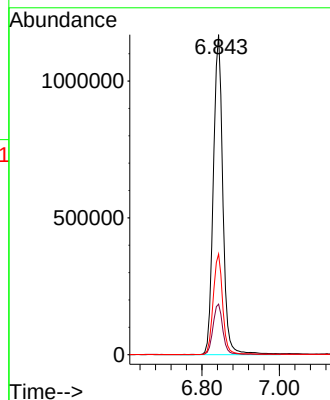
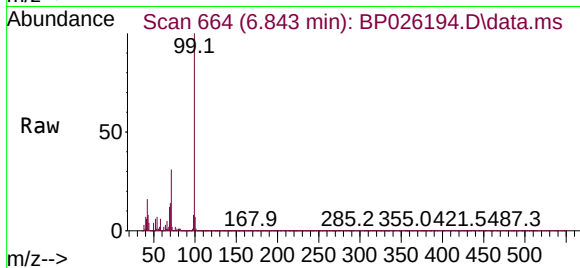


#7
Phenol-d6
Concen: 107.534 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026194.D
Acq: 26 Nov 2025 19:14

Instrument :
BNA_P
ClientSampleId :
HW1025-PT-TRIAZINE-SOIL

Tgt Ion: 99 Resp: 1992679

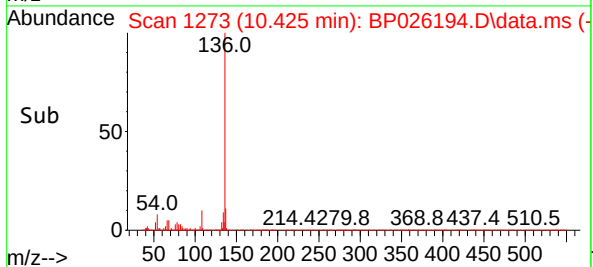
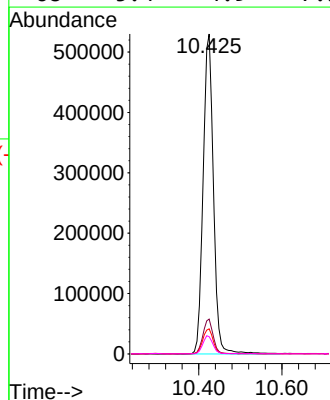
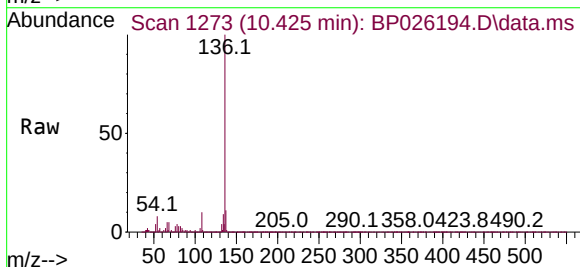
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.9	19.3
71	31.4	24.8	37.2

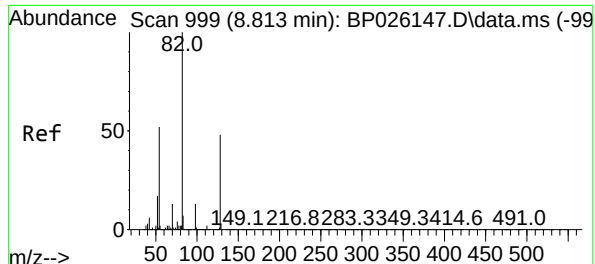


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 1273
Delta R.T. -0.023 min
Lab File: BP026194.D
Acq: 26 Nov 2025 19:14

Tgt Ion: 136 Resp: 911071

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.8	6.4	9.6
68	5.4	4.9	7.3





#23

Nitrobenzene-d5

Concen: 72.414 ng

RT: 8.796 min Scan# 999

Delta R.T. -0.018 min

Lab File: BP026194.D

Acq: 26 Nov 2025 19:14

Instrument :

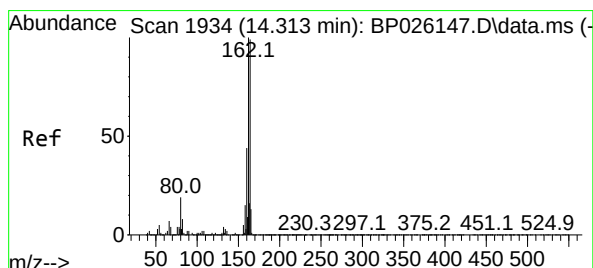
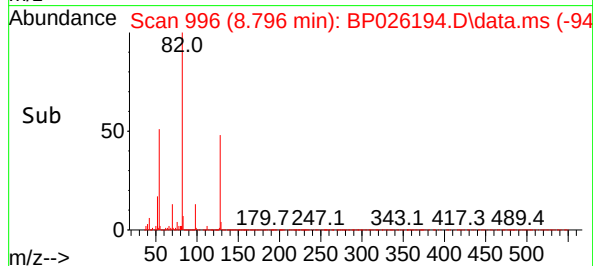
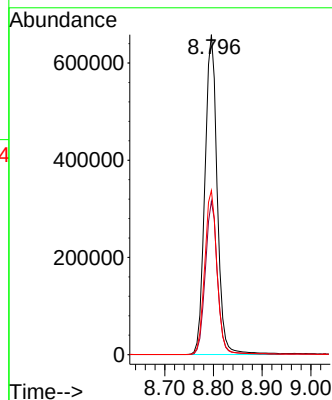
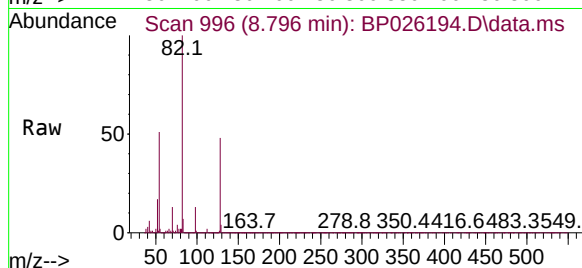
BNA_P

ClientSampleId :

HW1025-PT-TRIAZINE-SOIL

Tgt Ion: 82 Resp: 1161477

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.0
54	51.3	41.6	62.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.295 min Scan# 1931

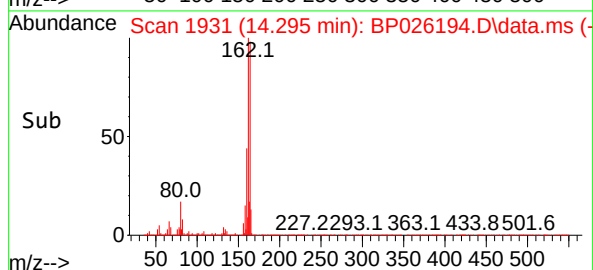
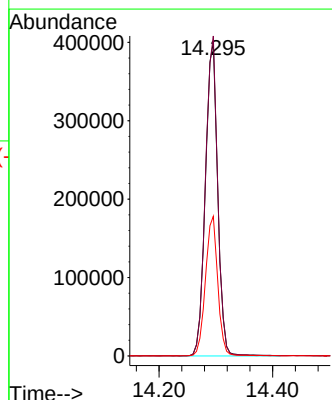
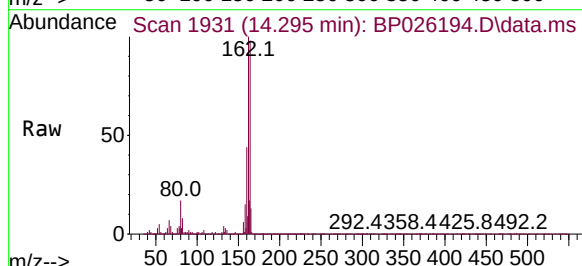
Delta R.T. -0.029 min

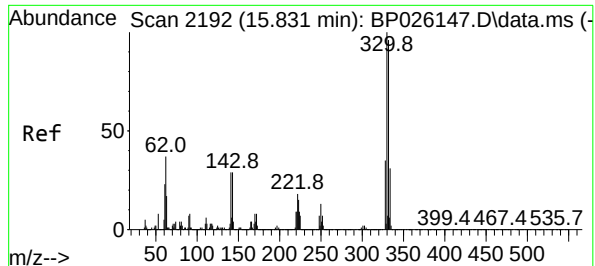
Lab File: BP026194.D

Acq: 26 Nov 2025 19:14

Tgt Ion: 164 Resp: 603828

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.3	120.5
160	44.6	35.2	52.8





#42

2,4,6-Tribromophenol

Concen: 138.309 ng

RT: 15.813 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP026194.D

Acq: 26 Nov 2025 19:14

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-TRIAZINE-SOIL

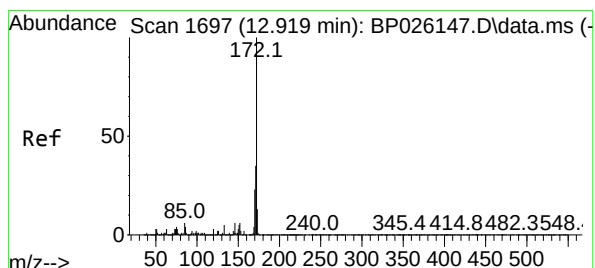
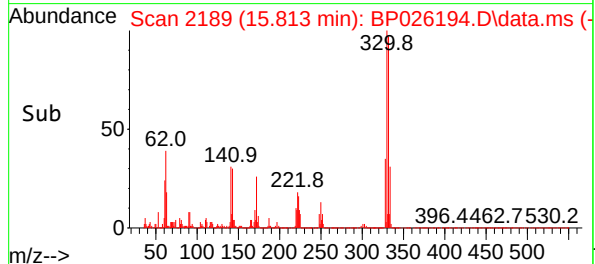
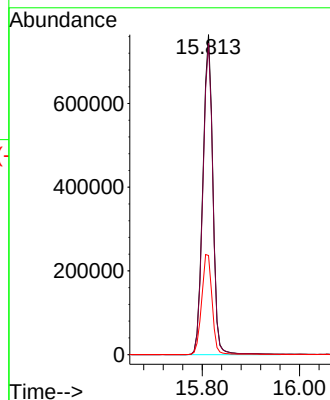
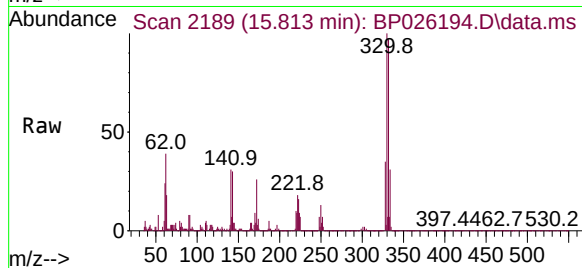
Tgt Ion:330 Resp: 1083394

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

141 32.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 79.432 ng

RT: 12.901 min Scan# 1694

Delta R.T. -0.029 min

Lab File: BP026194.D

Acq: 26 Nov 2025 19:14

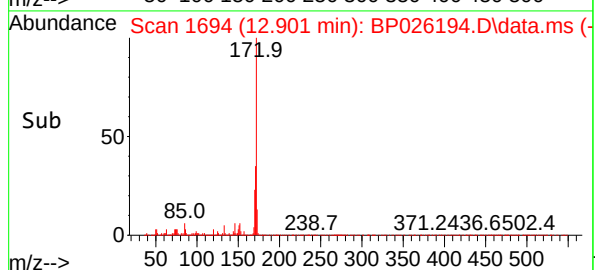
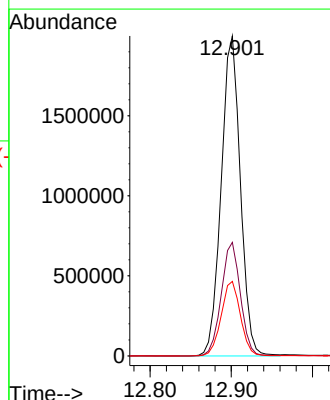
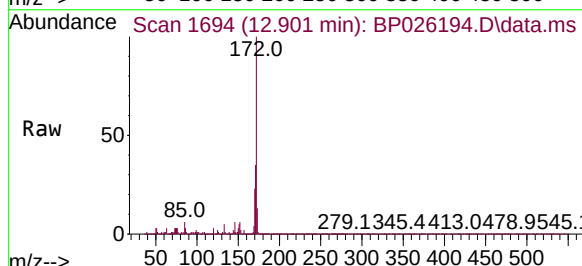
Tgt Ion:172 Resp: 3272613

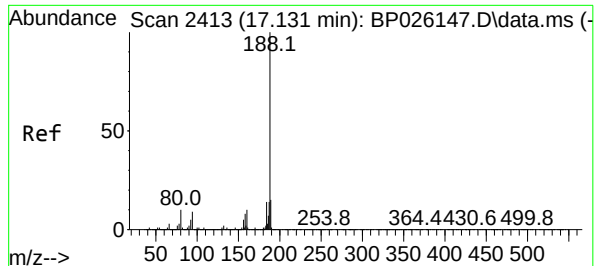
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.3 18.7 28.1

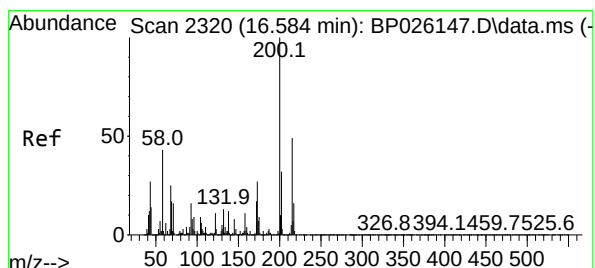
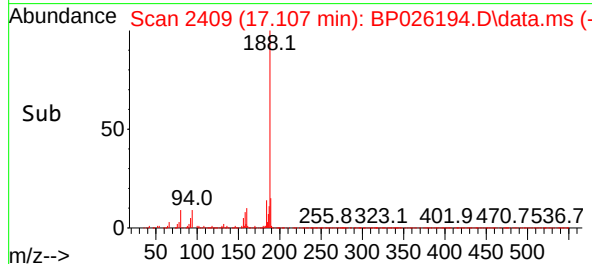
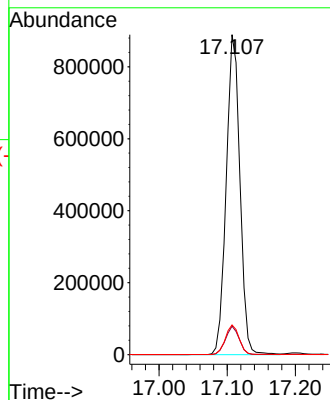
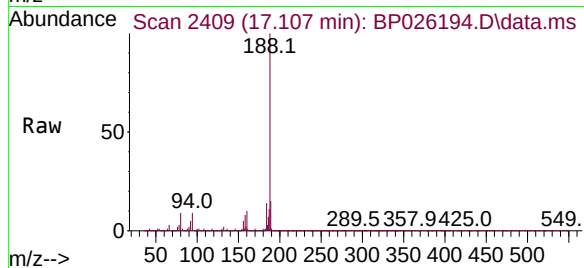




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.107 min Scan# 2413
Delta R.T. -0.023 min
Lab File: BP026194.D
Acq: 26 Nov 2025 19:14

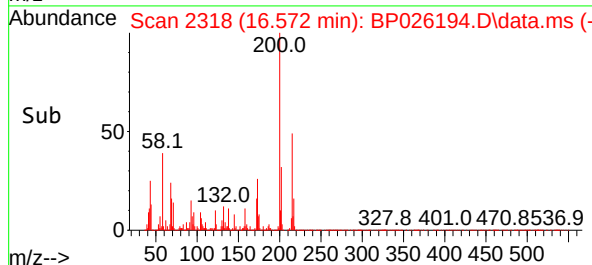
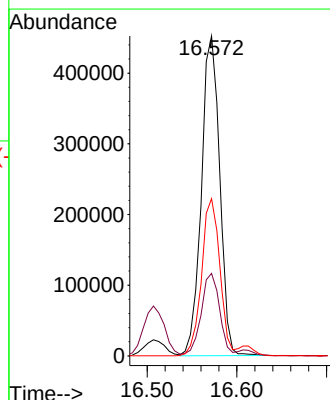
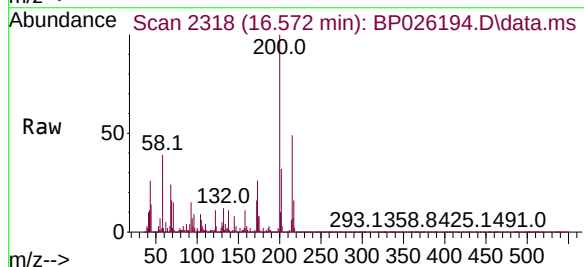
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-TRIAZINE-SOIL

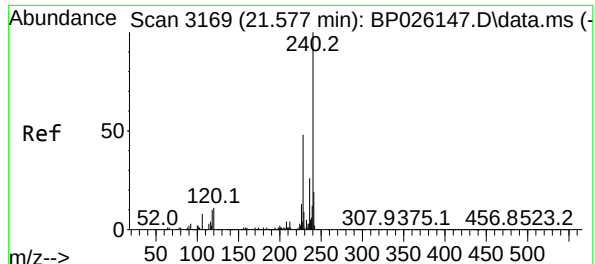
Tgt Ion:188 Resp: 1239075
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.3 8.2 12.2



#69
Atrazine
Concen: 44.348 ng
RT: 16.572 min Scan# 2318
Delta R.T. -0.018 min
Lab File: BP026194.D
Acq: 26 Nov 2025 19:14

Tgt Ion:200 Resp: 640996
Ion Ratio Lower Upper
200 100
173 25.8 6.7 46.7
215 49.1 27.4 67.4

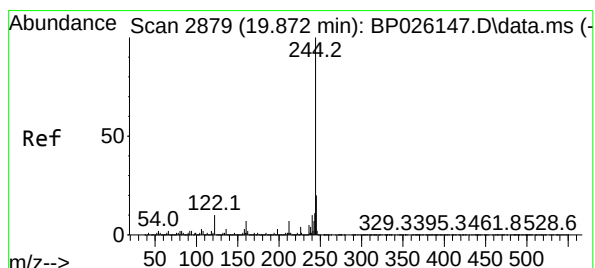
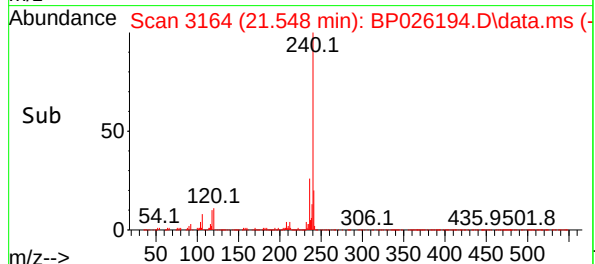
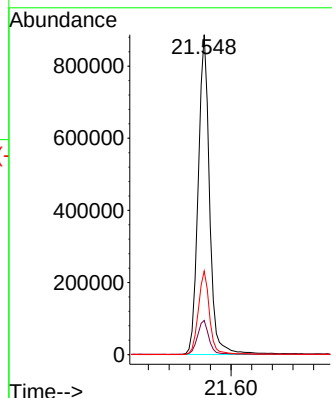
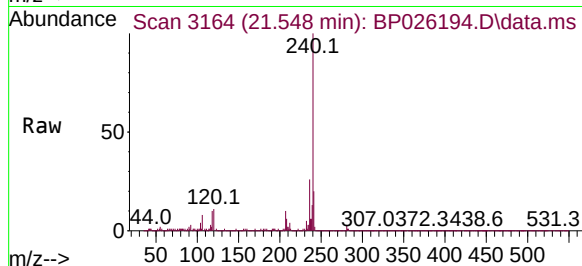




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3164
Delta R.T. -0.023 min
Lab File: BP026194.D
Acq: 26 Nov 2025 19:14

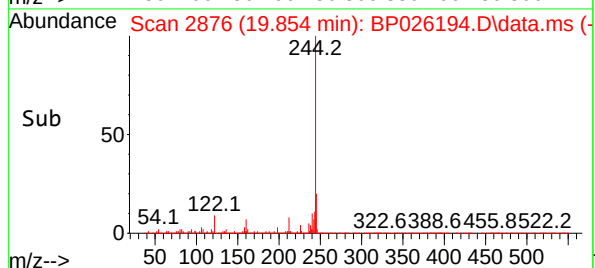
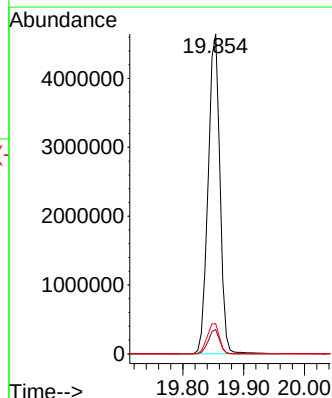
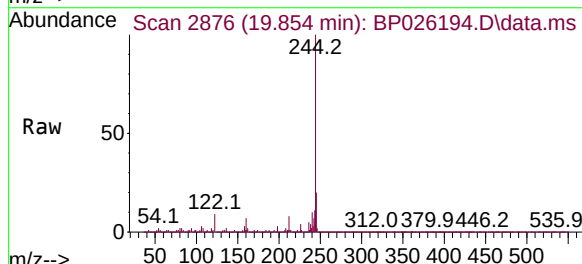
Instrument :
BNA_P
ClientSampleId :
HW1025-PT-TRIAZINE-SOIL

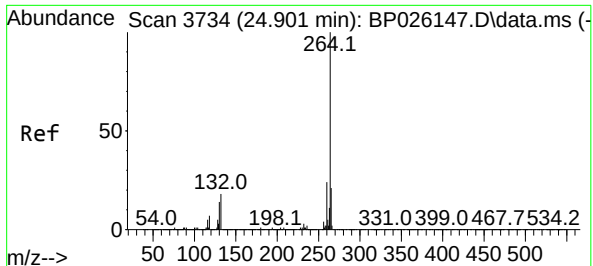
Tgt Ion:240 Resp: 1354637
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 26.1 20.4 30.6



#79
Terphenyl-d14
Concen: 94.249 ng
RT: 19.854 min Scan# 2876
Delta R.T. -0.018 min
Lab File: BP026194.D
Acq: 26 Nov 2025 19:14

Tgt Ion:244 Resp: 6261404
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.4 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.842 min Scan# 31

Delta R.T. -0.065 min

Lab File: BP026194.D

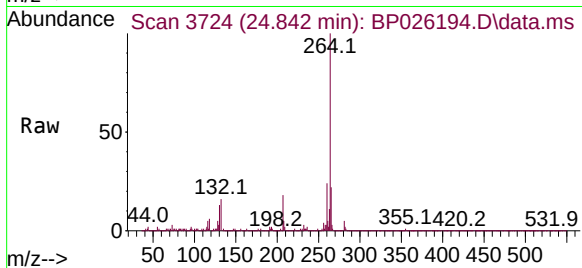
Acq: 26 Nov 2025 19:14

Instrument :

BNA_P

ClientSampleId :

HW1025-PT-TRIAZINE-SOIL



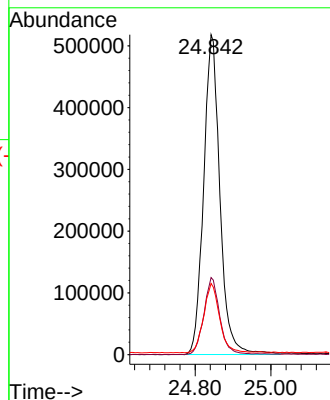
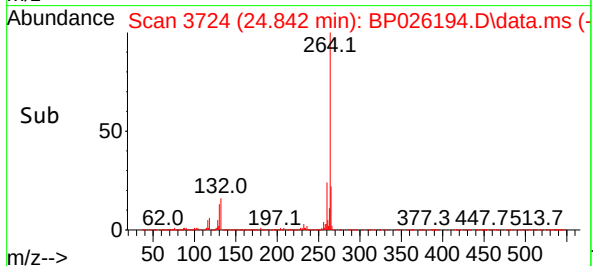
Tgt Ion:264 Resp: 1546707

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.2 17.5 26.3





CALIBRATION SUMMARY

- 1
- 2
- 3
- 4
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- 17
- 18

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG111225.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 12 17:10:56 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BG064745.D 5 =BG064746.D 10 =BG064747.D 20 =BG064748.D 40 =BG064749.D 50 =BG064750.D 60 =BG064751.D 80 =BG064752.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.441	0.455	0.445	0.468	0.452	0.420	0.422	0.443	3.90	
3)	Pyridine	1.269	1.297	1.315	1.365	1.355	1.344	1.303	1.321	2.62	
4)	n-Nitrosodimet...	0.657	0.664	0.687	0.690	0.672	0.665	0.672	1.95		
5) S	2-Fluorophenol	1.084	1.128	1.165	1.170	1.181	1.151	1.140	1.145	2.85	
6)	Aniline	1.783	2.001	2.105	2.109	2.125	2.034	2.057	2.030	5.82	
7) S	Phenol-d6	1.388	1.466	1.539	1.580	1.616	1.535	1.540	1.523	4.95	
8)	2-Chlorophenol	1.208	1.221	1.268	1.303	1.318	1.225	1.261	1.258	3.36	
9)	Benzaldehyde	1.027	0.980	1.029	0.949	1.004	0.994	0.997	3.01		
10) C	Phenol	1.501	1.584	1.666	1.711	1.774	1.669	1.698	1.657	5.40	
11)	bis(2-Chloroet...	1.093	1.141	1.224	1.234	1.224	1.164	1.176	1.179	4.39	
12)	1,3-Dichlorobe...	1.410	1.423	1.487	1.492	1.467	1.412	1.440	1.447	2.38	
13) C	1,4-Dichlorobe...	1.434	1.461	1.529	1.501	1.485	1.448	1.456	1.474	2.26	
14)	1,2-Dichlorobe...	1.416	1.371	1.444	1.475	1.447	1.429	1.419	1.429	2.27	
15)	Benzyl Alcohol	1.055	1.229	1.305	1.338	1.276	1.300	1.250	8.18		
16)	2,2'-oxybis(1-...	2.713	2.796	2.959	2.834	2.861	2.687	2.692	2.792	3.63	
17)	2-Methylphenol	1.072	1.149	1.196	1.218	1.234	1.156	1.185	1.173	4.61	
18)	Hexachloroethane	0.584	0.549	0.572	0.563	0.550	0.541	0.548	0.558	2.76	
19) P	n-Nitroso-di-n...	0.924	0.875	1.015	1.116	1.097	1.138	1.036	1.039	1.030	8.93
20)	3+4-Methylphenols	1.480	1.628	1.649	1.670	1.602	1.610	1.607	4.14		
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.465	0.536	0.581	0.561	0.555	0.547	0.571	0.545	7.02	
23) S	Nitrobenzene-d5	0.371	0.378	0.410	0.414	0.416	0.411	0.433	0.405	5.47	
24)	Nitrobenzene	0.353	0.398	0.431	0.415	0.417	0.415	0.432	0.409	6.62	
25)	Isophorone	0.723	0.760	0.796	0.767	0.785	0.777	0.784	0.770	3.13	
26) C	2-Nitrophenol	0.133	0.175	0.189	0.193	0.194	0.197	0.206	0.184	13.12	
27)	2,4-Dimethylph...	0.309	0.301	0.336	0.331	0.334	0.336	0.338	0.327	4.55	
28)	bis(2-Chloroet...	0.383	0.419	0.444	0.425	0.432	0.423	0.435	0.423	4.63	
29) C	2,4-Dichloroph...	0.283	0.331	0.367	0.364	0.371	0.365	0.373	0.351	9.39	
30)	1,2,4-Trichlor...	0.408	0.417	0.443	0.424	0.418	0.419	0.435	0.423	2.83	
31)	Naphthalene	1.076	1.163	1.170	1.141	1.123	1.120	1.145	1.134	2.79	
32)	Benzoic acid	0.135	0.166	0.204	0.221	0.255	0.248	0.205	22.85		
33)	4-Chloroaniline	0.357	0.452	0.477	0.471	0.472	0.466	0.479	0.454	9.61	
34) C	Hexachlorobuta...	0.365	0.353	0.370	0.366	0.358	0.357	0.374	0.363	2.14	
35)	Caprolactam	0.090	0.104	0.103	0.114	0.107	0.111	0.105	8.03		
36) C	4-Chloro-3-met...	0.348	0.388	0.399	0.390	0.402	0.402	0.404	0.390	5.07	
37)	2-Methylnaphth...	0.820	0.842	0.902	0.844	0.850	0.835	0.846	0.848	3.03	
38)	1-Methylnaphth...	0.844	0.841	0.880	0.834	0.835	0.820	0.845	0.843	2.20	

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
 Method File : 8270-BG111225.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.756	0.746	0.811	0.782	0.759	0.789	0.806	0.778	3.25	
41) P	Hexachlorocycl...	0.478	0.547	0.560	0.557	0.592	0.612	0.558	8.28		
42) S	2,4,6-Tribromo...	0.346	0.384	0.410	0.386	0.398	0.403	0.404	0.390	5.53	
43) C	2,4,6-Trichlor...	0.386	0.432	0.472	0.465	0.474	0.481	0.487	0.457	7.90	
44)	2,4,5-Trichlor...	0.467	0.460	0.546	0.521	0.520	0.531	0.543	0.512	6.82	
45) S	2-Fluorobiphenyl	1.403	1.445	1.509	1.420	1.400	1.434	1.422	1.433	2.58	
46)	1,1'-Biphenyl	1.416	1.417	1.498	1.428	1.405	1.441	1.449	1.436	2.17	
47)	2-Chloronaphth...	1.124	1.112	1.167	1.120	1.116	1.138	1.146	1.132	1.74	
48)	2-Nitroaniline	0.291	0.345	0.373	0.371	0.383	0.391	0.394	0.364	9.94	
49)	Acenaphthylene	1.839	1.928	1.996	1.930	1.932	1.967	1.942	1.933	2.51	
50)	Dimethylphthalate	1.535	1.569	1.654	1.549	1.580	1.592	1.581	1.580	2.42	
51)	2,6-Dinitrotol...	0.265	0.281	0.313	0.305	0.317	0.322	0.325	0.304	7.36	
52) C	Acenaphthene	1.072	1.104	1.169	1.166	1.177	1.213	1.212	1.159	4.56	
53)	3-Nitroaniline	0.247	0.277	0.301	0.306	0.320	0.326	0.323	0.300	9.57	
54) P	2,4-Dinitrophenol	0.060	0.114	0.169	0.189	0.198	0.221	0.158	38.04		
55)	Dibenzofuran	1.897	1.991	1.994	1.867	1.892	1.889	1.885	1.916	2.75	
56) P	4-Nitrophenol	0.181	0.224	0.241	0.257	0.261	0.264	0.238	13.24		
57)	2,4-Dinitrotol...	0.376	0.426	0.477	0.462	0.472	0.489	0.489	0.456	9.08	
58)	Fluorene	1.481	1.569	1.595	1.471	1.462	1.475	1.469	1.503	3.65	
59)	2,3,4,6-Tetrac...	0.418	0.480	0.521	0.501	0.536	0.543	0.539	0.506	8.85	
60)	Diethylphthalate	1.443	1.521	1.585	1.492	1.532	1.520	1.501	1.513	2.84	
61)	4-Chlorophenyl...	0.892	0.927	0.940	0.880	0.882	0.894	0.899	0.902	2.53	
62)	4-Nitroaniline	0.245	0.288	0.318	0.320	0.335	0.335	0.334	0.311	10.71	
63)	Azobenzene	1.244	1.292	1.309	1.235	1.250	1.255	1.227	1.259	2.40	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.073	0.099	0.117	0.121	0.126	0.131	0.111	19.44		
66) c	n-Nitrosodiphe...	0.483	0.531	0.544	0.538	0.519	0.528	0.524	0.524	3.79	
67)	4-Bromophenyl-...	0.241	0.263	0.269	0.269	0.259	0.269	0.267	0.263	3.86	
68)	Hexachlorobenzene	0.312	0.312	0.326	0.320	0.318	0.317	0.323	0.318	1.67	
69)	Atrazine	0.245	0.251	0.257	0.253	0.254	0.253	0.256	0.253	1.53	
70) C	Pentachlorophenol	0.088	0.138	0.160	0.177	0.187	0.193	0.157	24.85		
71)	Phenanthrene	1.075	1.118	1.123	1.099	1.081	1.090	1.074	1.094	1.84	
72)	Anthracene	1.098	1.122	1.152	1.113	1.099	1.113	1.114	1.116	1.62	
73)	Carbazole	0.926	0.987	0.982	0.971	0.944	0.955	0.950	0.959	2.27	
74)	Di-n-butylphth...	0.998	1.107	1.105	1.077	1.076	1.070	1.059	1.070	3.41	
75) C	Fluoranthene	1.508	1.558	1.531	1.494	1.461	1.475	1.448	1.496	2.61	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.674	0.631	0.561	0.618	0.552	0.557	0.599	8.29		
78)	Pyrene	1.076	1.089	1.145	1.111	1.164	1.136	1.125	1.121	2.78	
79) S	Terphenyl-d14	1.018	1.028	1.060	1.012	1.040	0.993	0.967	1.017	3.01	
80)	Butylbenzylpht...	0.377	0.391	0.402	0.391	0.404	0.397	0.398	0.394	2.37	
81)	Benzo(a)anthra...	1.338	1.371	1.395	1.379	1.357	1.334	1.346	1.360	1.66	
82)	3,3'-Dichlorob...	0.501	0.518	0.517	0.507	0.479	0.481	0.501	3.35		
83)	Chrysene	1.266	1.292	1.301	1.309	1.267	1.275	1.264	1.282	1.44	
84)	Bis(2-ethylhex...	0.582	0.581	0.598	0.583	0.571	0.564	0.553	0.576	2.54	
85) c	Di-n-octyl pht...	0.993	1.026	1.038	0.983	0.974	0.962	0.996	2.99		

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG111225.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.262	1.324	1.388	1.399	1.404	1.404	1.438	1.374	4.38
88)	Benzo(b)fluora...	1.190	1.250	1.299	1.291	1.279	1.304	1.296	1.273	3.21
89)	Benzo(k)fluora...	1.245	1.296	1.321	1.249	1.279	1.256	1.305	1.279	2.32
90) C	Benzo(a)pyrene	1.131	1.176	1.197	1.191	1.182	1.189	1.199	1.181	1.99
91)	Dibenzo(a,h)an...	1.026	1.092	1.128	1.151	1.155	1.147	1.180	1.126	4.60
92)	Benzo(g,h,i)pe...	1.000	1.044	1.091	1.105	1.108	1.104	1.131	1.083	4.19

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064745.D
Acq On : 12 Nov 2025 11:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 12 16:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration

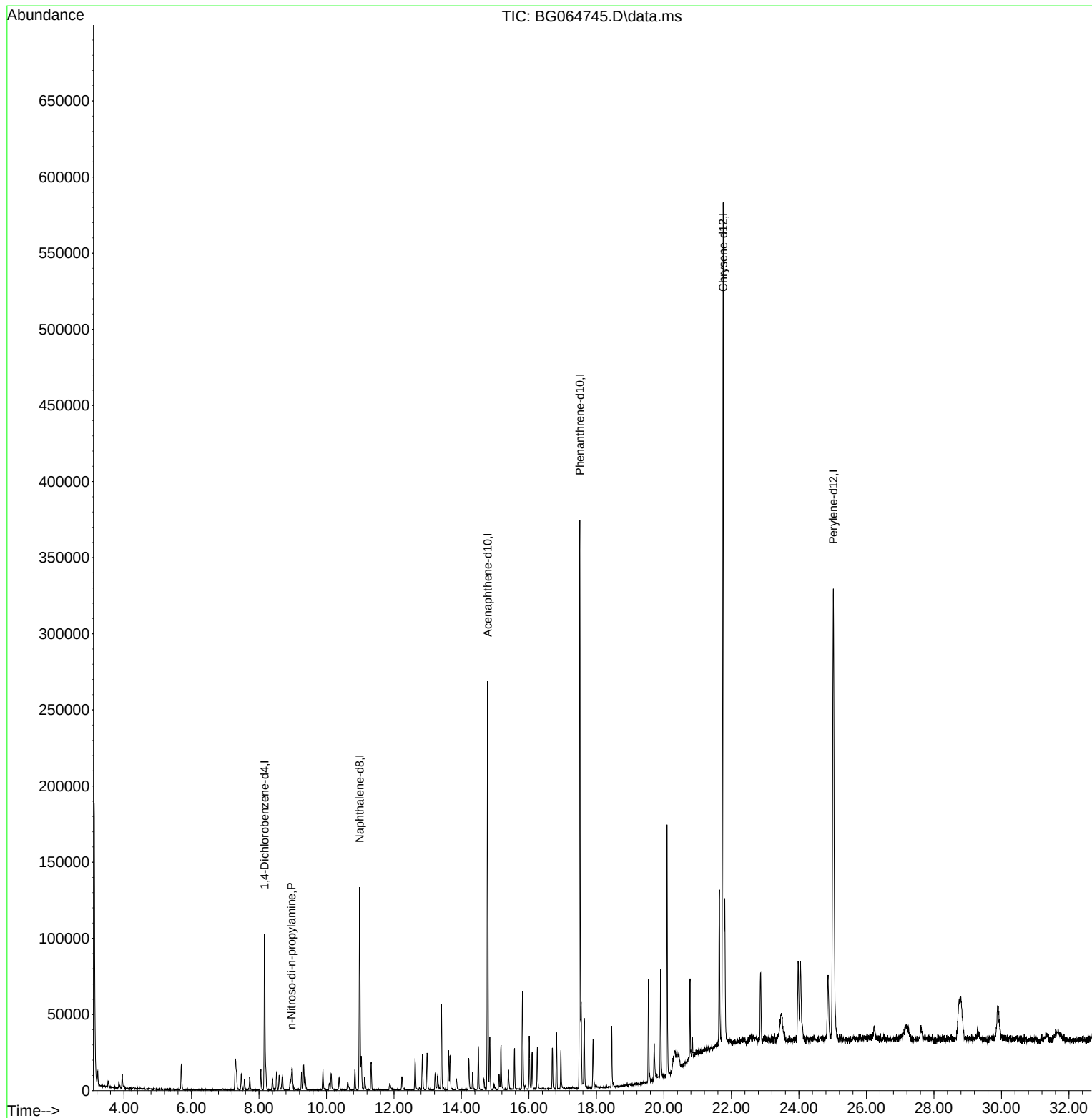
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	30283	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	120993	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	104200	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	264137	20.000	ng	0.00
76) Chrysene-d12	21.754	240	384466	20.000	ng	0.00
86) Perylene-d12	25.021	264	379930	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...	8.963	70	3497	2.242	ng	Qvalue # 86

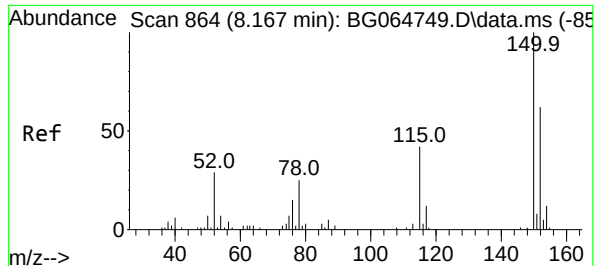
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064745.D
Acq On : 12 Nov 2025 11:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

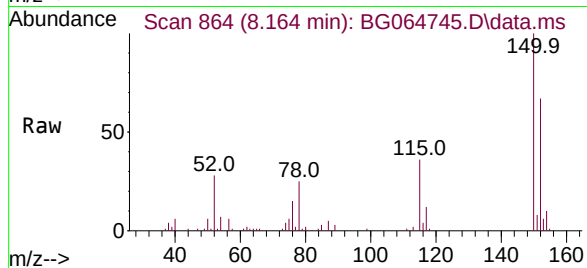
Quant Time: Nov 12 16:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration



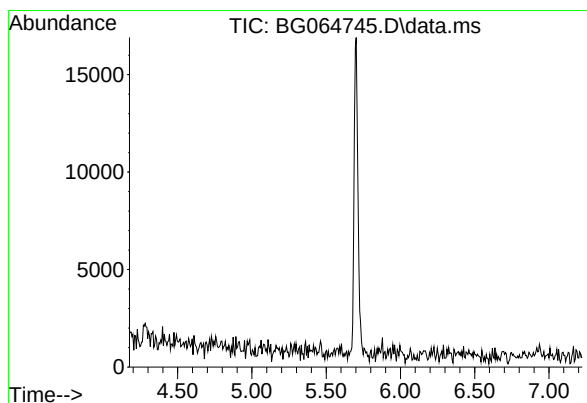
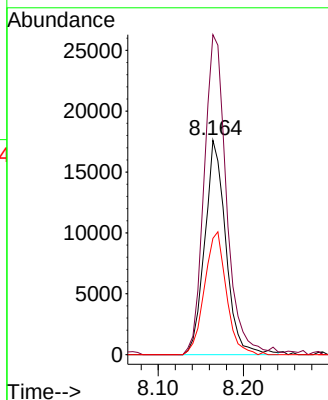
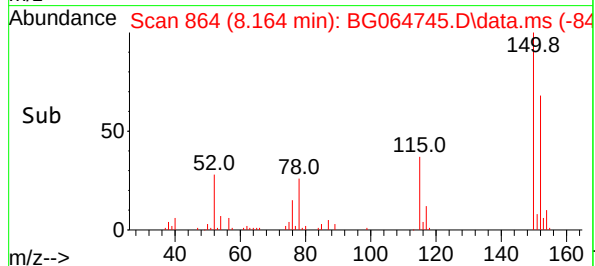


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



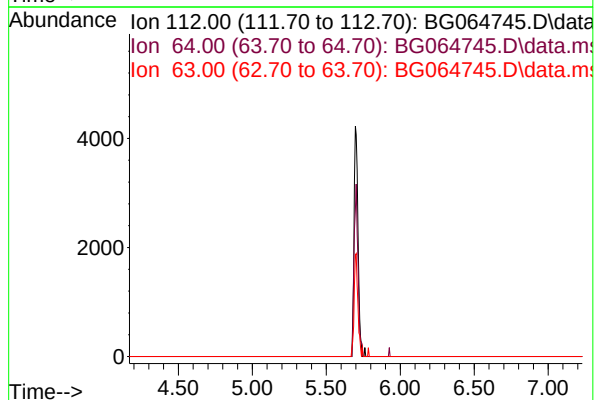
Tgt Ion:152 Resp: 30283
Ion Ratio Lower Upper
152 100
150 149.3 129.2 193.8
115 54.3 53.7 80.5

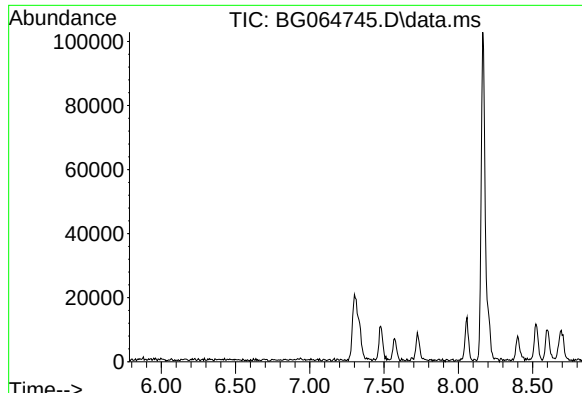


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.70 min

Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Tgt Ion: 112
Sig Exp Ratio
112 100
64 76.2
63 41.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 7.31 min

Lab File: BG064745.D

Acq: 12 Nov 2025 11:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

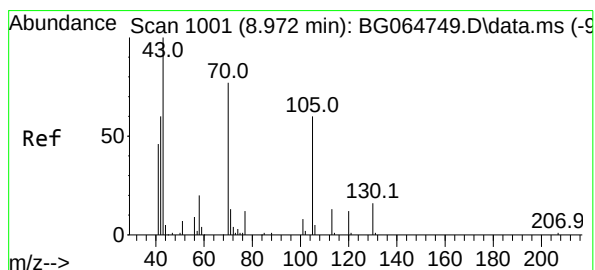
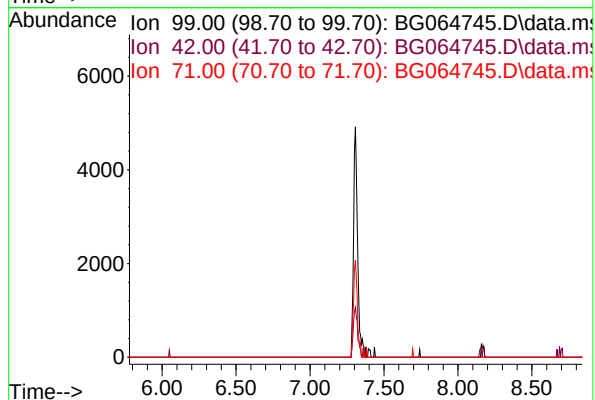
Tgt Ion: 99

Sig Exp Ratio

99 100

42 21.0

71 38.9



#19

n-Nitroso-di-n-propylamine

Concen: 2.242 ng

RT: 8.963 min Scan# 1000

Delta R.T. -0.009 min

Lab File: BG064745.D

Acq: 12 Nov 2025 11:17

Tgt Ion: 70 Resp: 3497

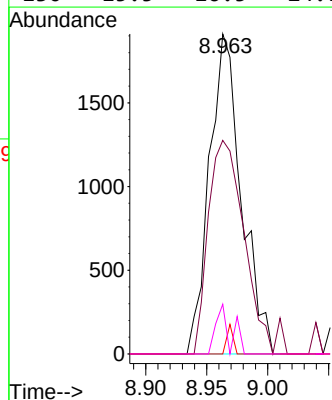
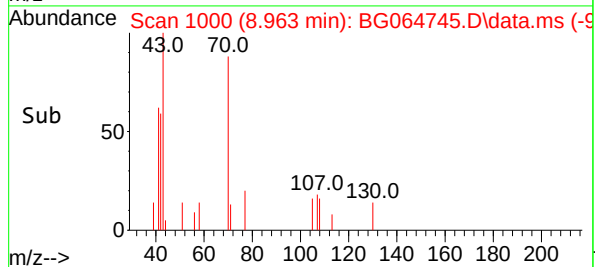
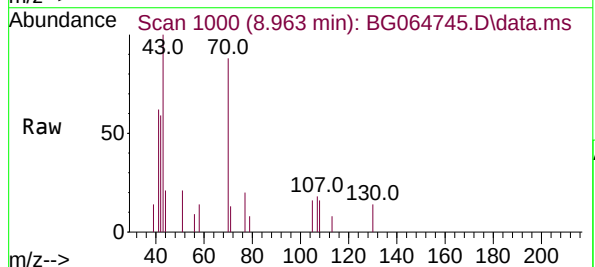
Ion Ratio Lower Upper

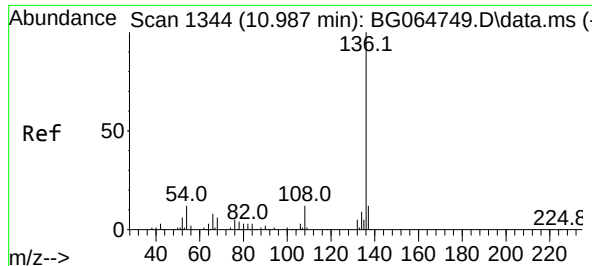
70 100

42 66.7 62.6 93.8

101 0.0 8.0 12.0#

130 15.5 16.5 24.7#

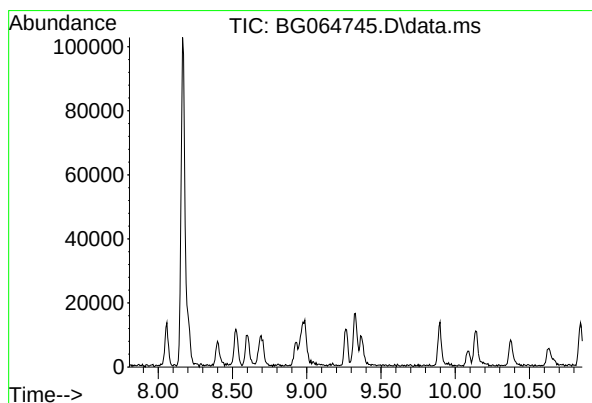
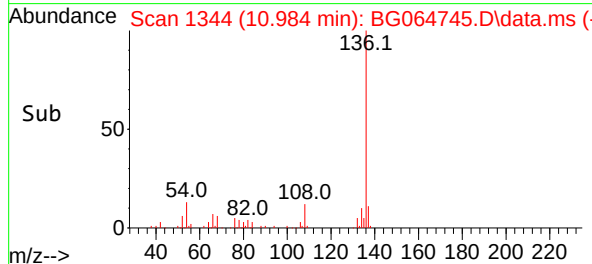
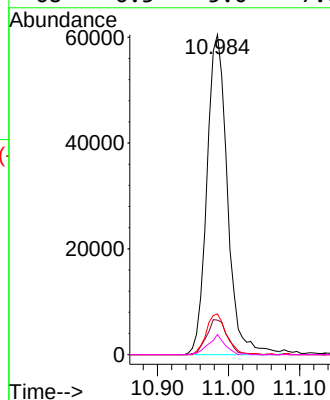
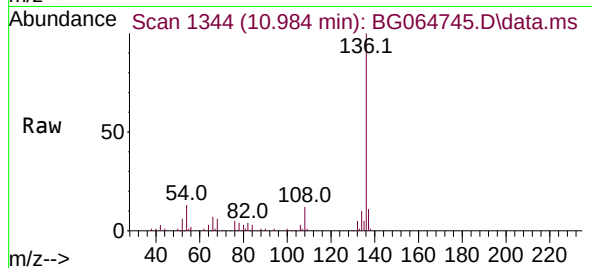




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

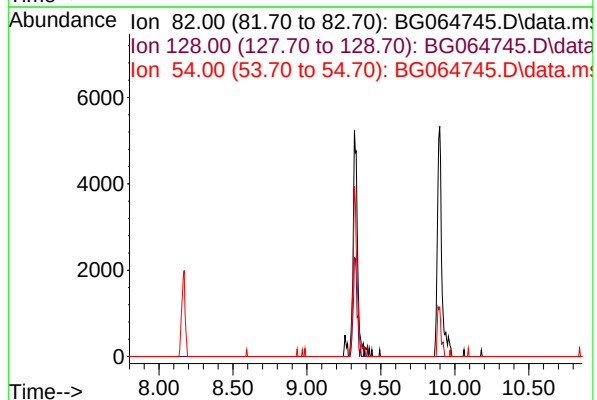
Tgt Ion:136	Resp:	120993
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.3 13.9
54	12.7	9.3 13.9
68	6.3	5.0 7.6

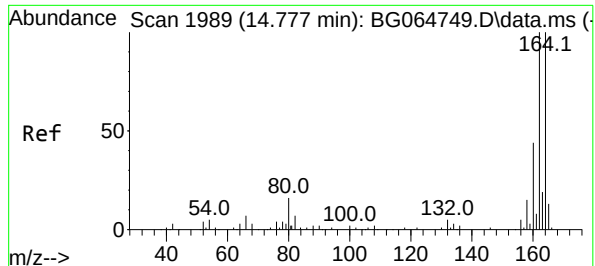


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.33 min

Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Tgt Ion: 82
Sig Exp Ratio
82 100
128 42.6
54 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 19

Delta R.T. -0.003 min

Lab File: BG064745.D

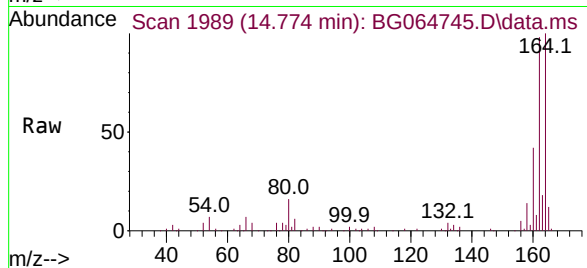
Acq: 12 Nov 2025 11:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



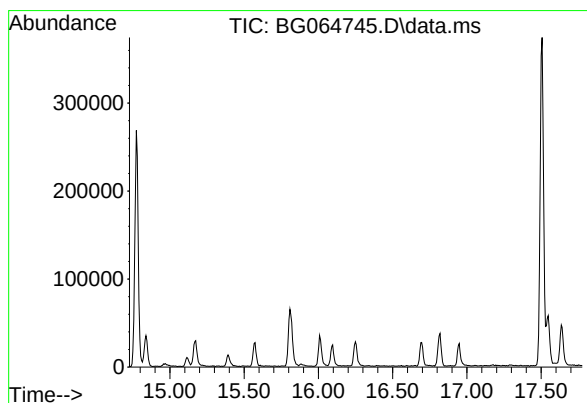
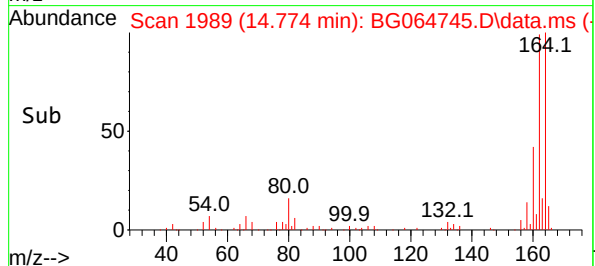
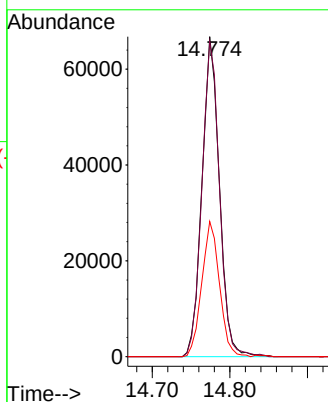
Tgt Ion:164 Resp: 104200

Ion Ratio Lower Upper

164 100

162 98.5 79.8 119.6

160 42.2 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.25 min

Lab File: BG064745.D

Acq: 12 Nov 2025 11:17

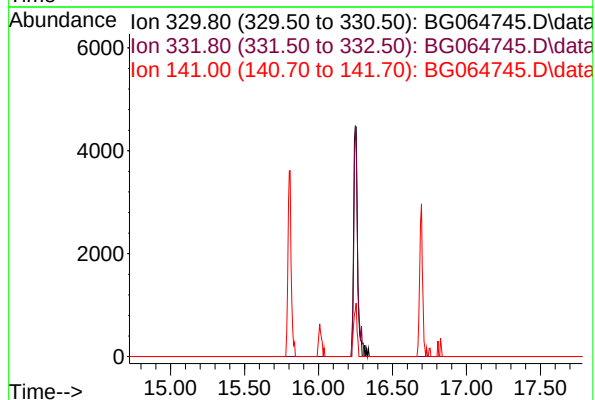
Tgt Ion: 330

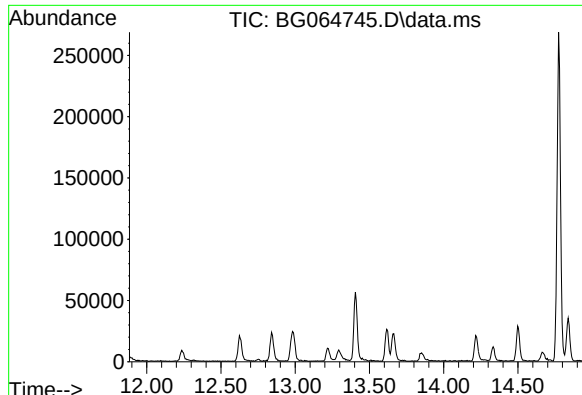
Sig Exp Ratio

330 100

332 96.3

141 22.7





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 13.41 min

Lab File: BG064745.D

Acq: 12 Nov 2025 11:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

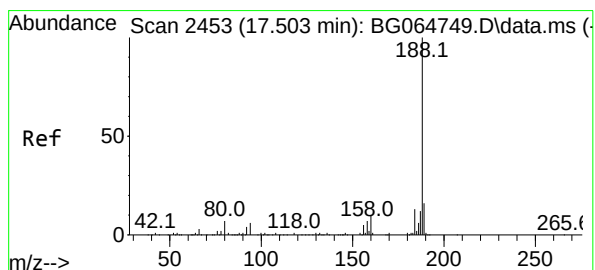
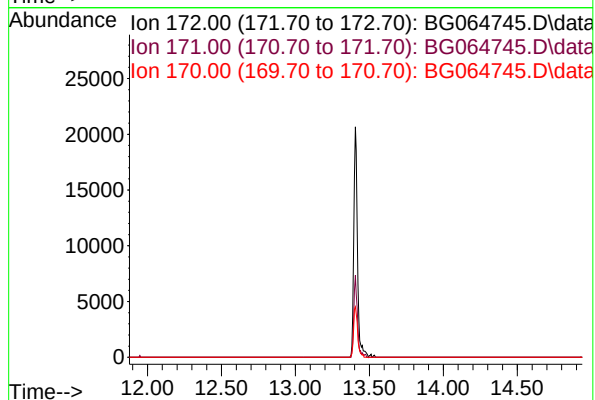
Tgt Ion: 172

Sig Exp Ratio

172 100

171 37.4

170 24.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.506 min Scan# 2454

Delta R.T. 0.003 min

Lab File: BG064745.D

Acq: 12 Nov 2025 11:17

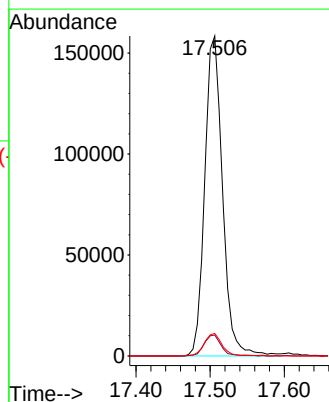
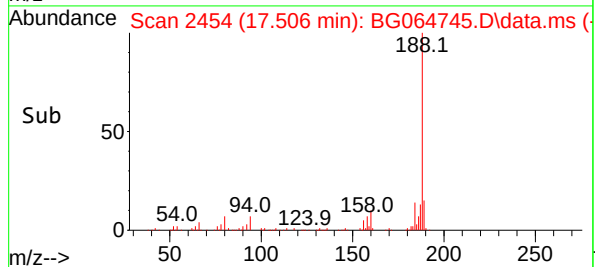
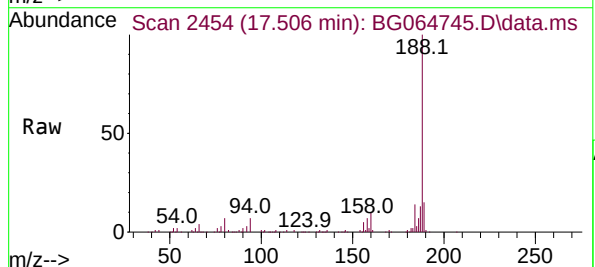
Tgt Ion: 188 Resp: 264137

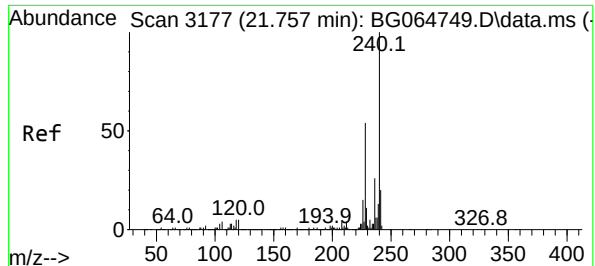
Ion Ratio Lower Upper

188 100

94 6.5 4.7 7.1

80 7.0 5.4 8.2

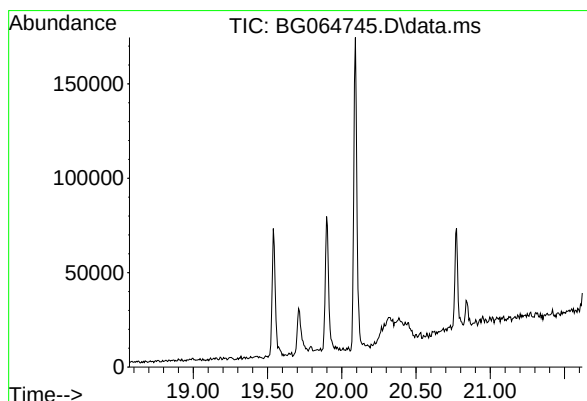
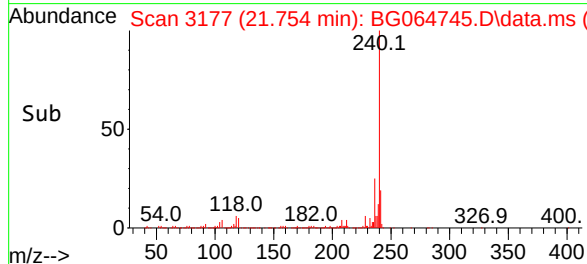
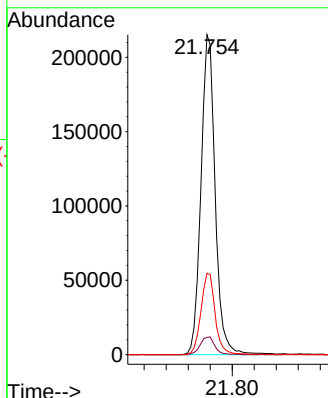
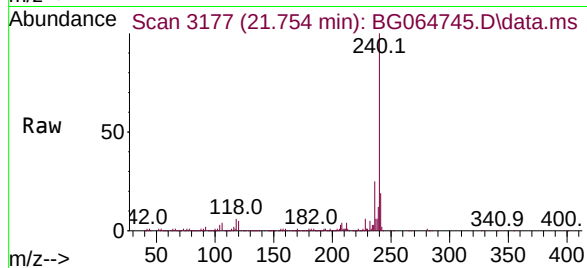




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

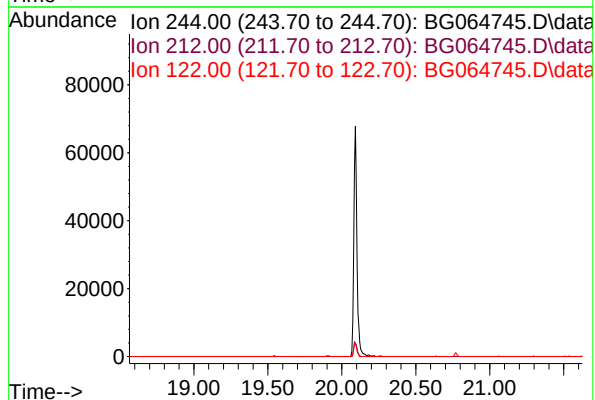
Tgt Ion: 240 Resp: 384466
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.4
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.09 min

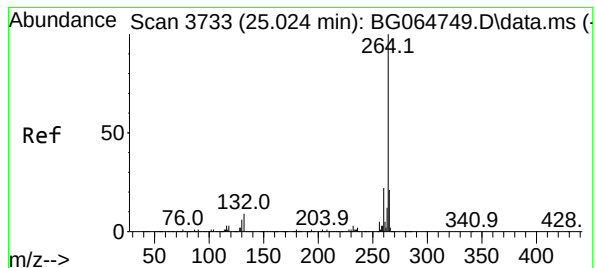
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.2
122 5.4



Ion 212.00 (211.70 to 212.70): BG064745.D\data.ms

Ion 122.00 (121.70 to 122.70): BG064745.D\data.ms



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064745.D

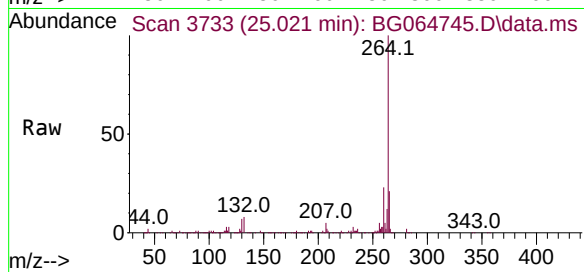
Acq: 12 Nov 2025 11:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



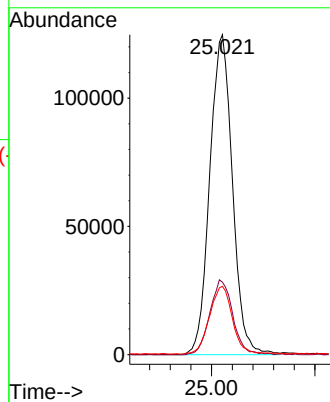
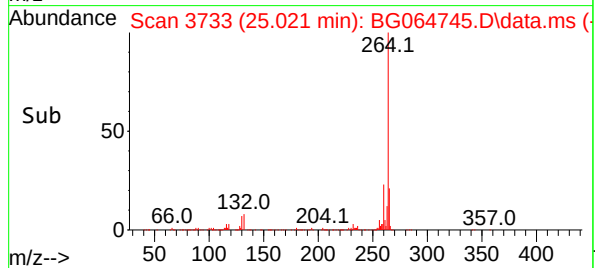
Tgt Ion:264 Resp: 379930

Ion Ratio Lower Upper

264 100

260 22.6 17.2 25.8

265 21.3 16.6 25.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064746.D
 Acq On : 12 Nov 2025 11:58
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:54:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	28610	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	112954	20.000	ng	0.00
39) Acenaphthene-d10	14.779	164	92156	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	243880	20.000	ng	0.00
76) Chrysene-d12	21.753	240	367769	20.000	ng	0.00
86) Perylene-d12	25.020	264	386937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	15503	9.462	ng	0.00
7) Phenol-d6	7.306	99	19854	9.111	ng	0.00
23) Nitrobenzene-d5	9.327	82	20950	9.170	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	15951	8.875	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	64649	9.789	ng	0.00
79) Terphenyl-d14	20.091	244	187118	10.008	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.534	88	3153	4.971	ng	88
3) Pyridine	3.951	79	9078	4.803	ng	93
6) Aniline	7.476	93	12750	4.390	ng	96
8) 2-Chlorophenol	7.723	128	8639	4.802	ng	96
10) Phenol	7.335	94	10737	4.529	ng	95
11) bis(2-Chloroethyl)ether	7.570	93	7820	4.635	ng	94
12) 1,3-Dichlorobenzene	8.052	146	10085m	4.872	ng	
13) 1,4-Dichlorobenzene	8.205	146	10257	4.866	ng	93
14) 1,2-Dichlorobenzene	8.522	146	10131	4.957	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.698	45	19405	4.859	ng	95
17) 2-Methylphenol	8.604	107	7665	4.569	ng	86
18) Hexachloroethane	9.262	117	4175	5.229	ng	87
19) n-Nitroso-di-n-propyla...	8.968	70	6258	4.247	ng	# 89
22) Acetophenone	8.992	105	13123	4.264	ng	# 95
24) Nitrobenzene	9.368	77	9979	4.323	ng	95
25) Isophorone	9.897	82	20406	4.691	ng	98
26) 2-Nitrophenol	10.091	139	3766	3.627	ng	92
27) 2,4-Dimethylphenol	10.138	122	8732	4.734	ng	# 88
28) bis(2-Chloroethoxy)met...	10.378	93	10809	4.526	ng	100
29) 2,4-Dichlorophenol	10.631	162	7998	4.039	ng	94
30) 1,2,4-Trichlorobenzene	10.849	180	11516	4.816	ng	# 77
31) Naphthalene	11.037	128	30376	4.744	ng	99
33) 4-Chloroaniline	11.136	127	10074	3.933	ng	95
34) Hexachlorobutadiene	11.324	225	10318	5.029	ng	98
36) 4-Chloro-3-methylphenol	12.235	107	9819	4.455	ng	# 94
37) 2-Methylnaphthalene	12.629	142	23148m	4.831	ng	
38) 1-Methylnaphthalene	12.840	142	23834m	5.007	ng	
40) 1,2,4,5-Tetrachloroben...	12.987	216	17425	4.859	ng	99
43) 2,4,6-Trichlorophenol	13.216	196	8887	4.222	ng	93
44) 2,4,5-Trichlorophenol	13.299	196	10762	4.559	ng	86
46) 1,1'-Biphenyl	13.616	154	32631	4.930	ng	93
47) 2-Chloronaphthalene	13.663	162	25885	4.964	ng	97
48) 2-Nitroaniline	13.851	65	6700	3.995	ng	94
49) Acenaphthylene	14.503	152	42371	4.756	ng	97
50) Dimethylphthalate	14.221	163	35365	4.858	ng	98
51) 2,6-Dinitrotoluene	14.339	165	6116	4.366	ng	# 88

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064746.D
 Acq On : 12 Nov 2025 11:58
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:54:32 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.838	154	24706	4.625	ng	97
53) 3-Nitroaniline	14.662	138	5697	4.121	ng	88
55) Dibenzofuran	15.173	168	43714	4.950	ng	93
57) 2,4-Dinitrotoluene	15.114	165	8655	4.121	ng #	94
58) Fluorene	15.813	166	34116	4.926	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.390	232	9634	4.136	ng #	93
60) Diethylphthalate	15.572	149	33242	4.767	ng	97
61) 4-Chlorophenyl-phenyle...	15.802	204	20557	4.946	ng	96
62) 4-Nitroaniline	15.813	138	5656	3.949	ng	93
63) Azobenzene	16.095	77	28653	4.940	ng	91
66) n-Nitrosodiphenylamine	16.007	169	29441	4.609	ng	90
67) 4-Bromophenyl-phenylether	16.695	248	14722	4.597	ng	88
68) Hexachlorobenzene	16.812	284	19015	4.900	ng #	94
69) Atrazine	16.947	200	14933	4.849	ng	87
71) Phenanthrene	17.547	178	65553	4.913	ng	97
72) Anthracene	17.635	178	66926	4.919	ng	98
73) Carbazole	17.899	167	56453	4.826	ng	97
74) Di-n-butylphthalate	18.451	149	60823	4.661	ng	99
75) Fluoranthene	19.538	202	91935	5.039	ng	98
78) Pyrene	19.903	202	98904	4.798	ng	98
80) Butylbenzylphthalate	20.772	149	34617	4.775	ng	99
81) Benzo(a)anthracene	21.736	228	123005	4.919	ng	97
83) Chrysene	21.800	228	116400	4.937	ng	98
84) Bis(2-ethylhexyl)phtha...	21.636	149	53498	5.050	ng	100
87) Indeno(1,2,3-cd)pyrene	28.745	276	122095	4.593	ng #	98
88) Benzo(b)fluoranthene	23.980	252	115075	4.673	ng	98
89) Benzo(k)fluoranthene	24.045	252	120411	4.867	ng	98
90) Benzo(a)pyrene	24.856	252	109366	4.788	ng	99
91) Dibenzo(a,h)anthracene	28.804	278	99211	4.556	ng	99
92) Benzo(g,h,i)perylene	29.897	276	96719	4.615	ng #	95

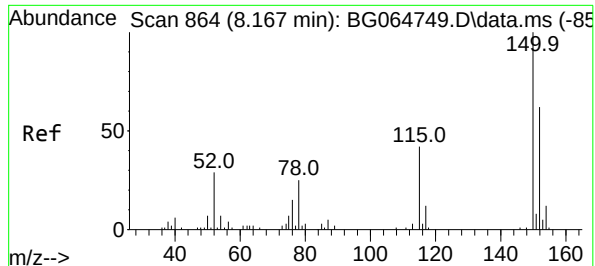
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations

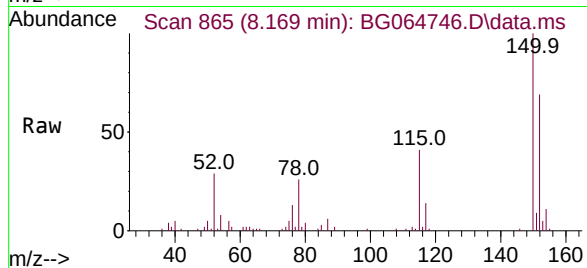
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

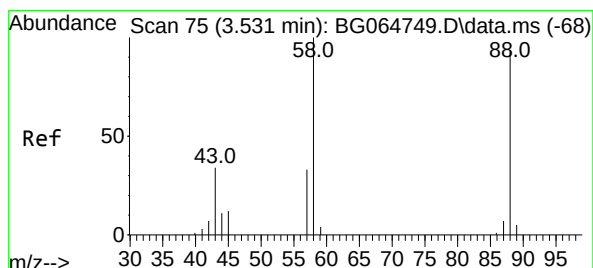
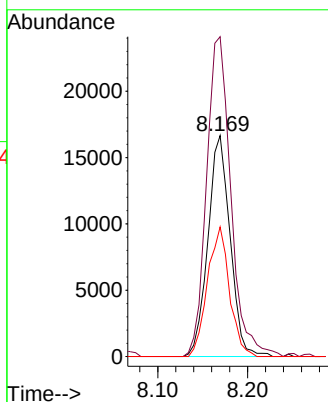
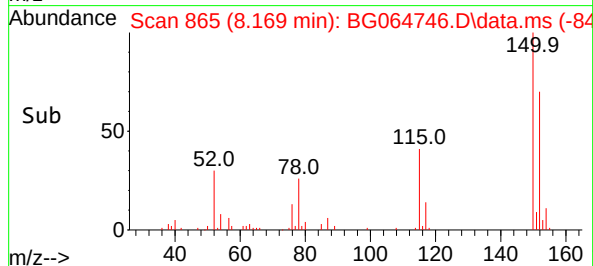
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:152 Resp: 28610
Ion Ratio Lower Upper
152 100
150 144.8 129.2 193.8
115 58.7 53.7 80.5

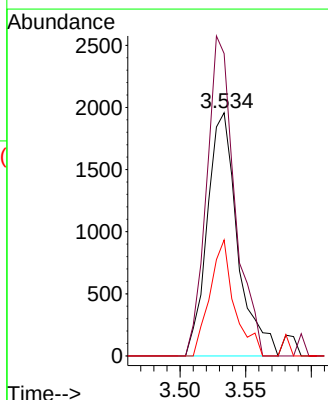
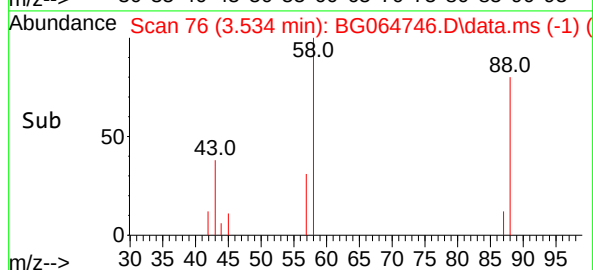
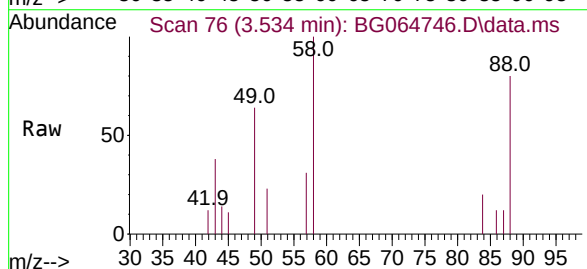
Manual Integrations
APPROVED

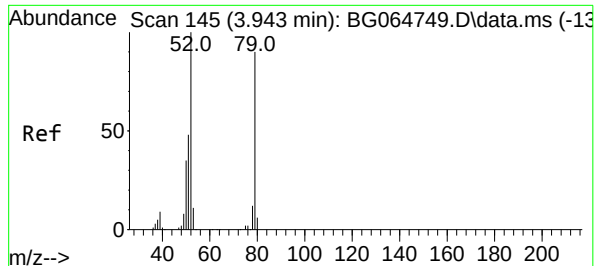
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 4.971 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 88 Resp: 3153
Ion Ratio Lower Upper
88 100
58 121.4 84.6 126.8
43 38.5 30.0 45.0





#3

Pyridine

Concen: 4.803 ng

RT: 3.951 min Scan# 14

Delta R.T. 0.008 min

Lab File: BG064746.D

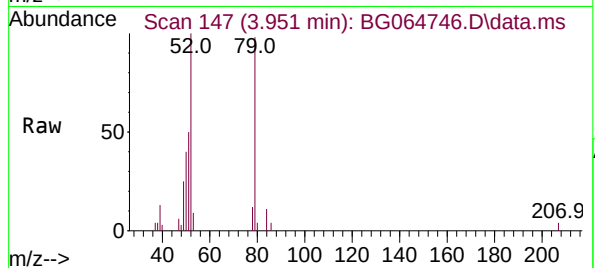
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

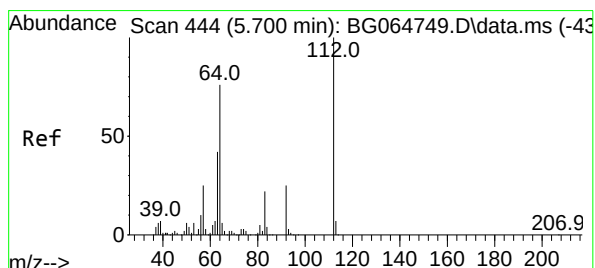
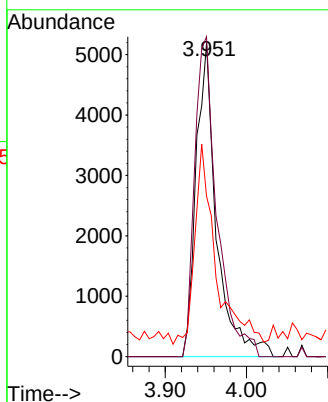
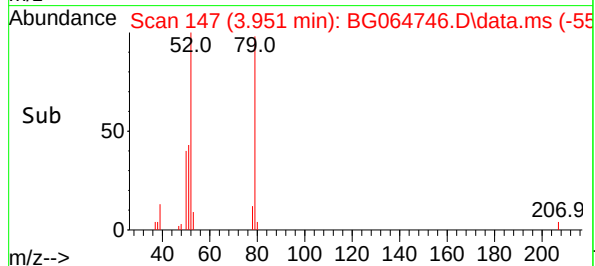
SSTDICC005



Tgt Ion	Ratio	Lower	Upper
79	100		
52	102.1	89.0	133.4
51	51.3	43.4	65.0

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#5

2-Fluorophenol

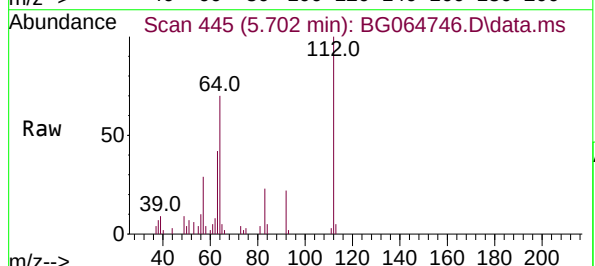
Concen: 9.462 ng

RT: 5.702 min Scan# 445

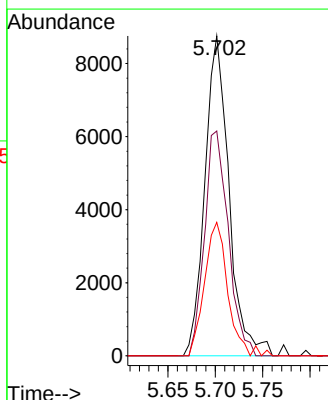
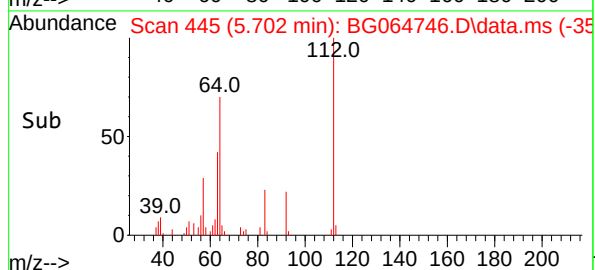
Delta R.T. 0.002 min

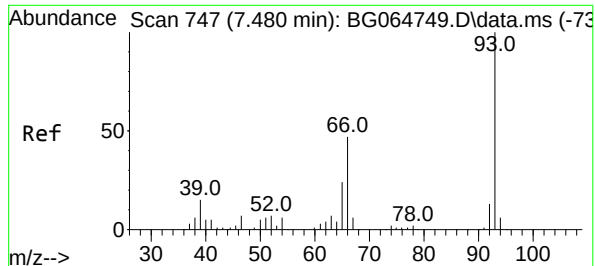
Lab File: BG064746.D

Acq: 12 Nov 2025 11:58



Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	61.0	91.4
63	41.7	33.3	49.9





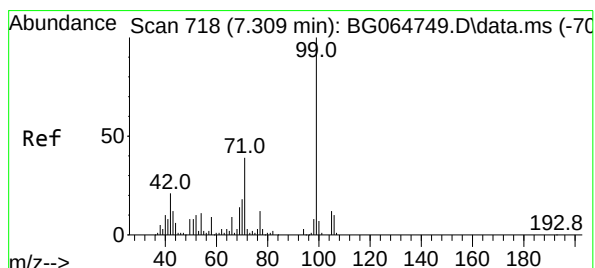
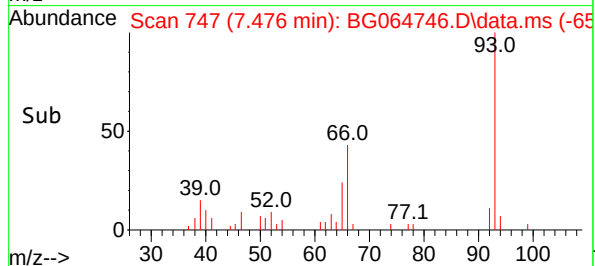
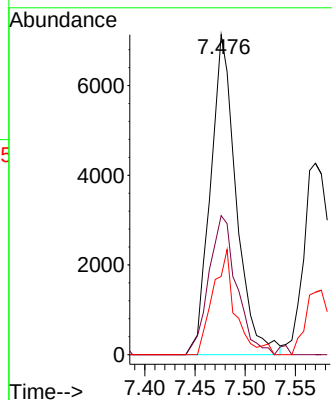
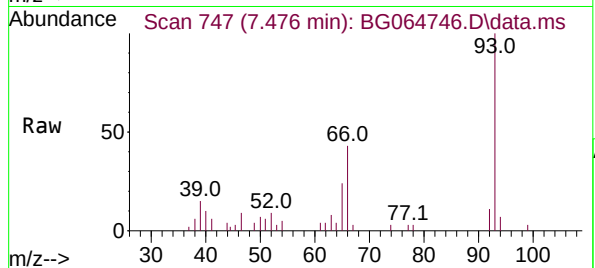
#6
Aniline
Concen: 4.390 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 12750
Ion Ratio Lower Upper
93 100
66 43.4 37.7 56.5
65 24.5 19.1 28.7

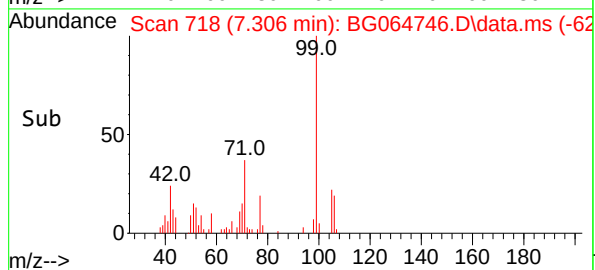
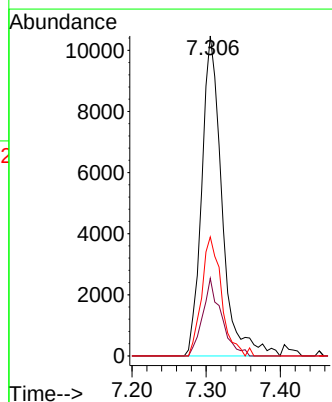
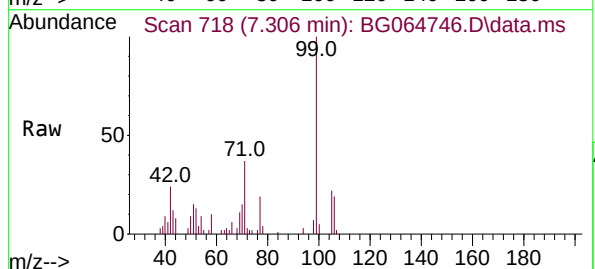
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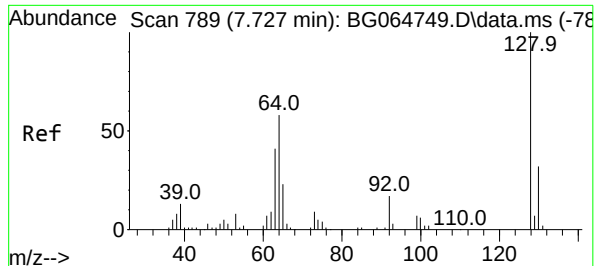
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#7
Phenol-d6
Concen: 9.111 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 99 Resp: 19854
Ion Ratio Lower Upper
99 100
42 24.2 16.8 25.2
71 37.2 31.1 46.7





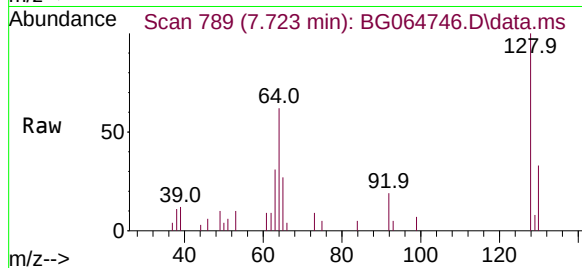
#8
2-Chlorophenol
Concen: 4.802 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

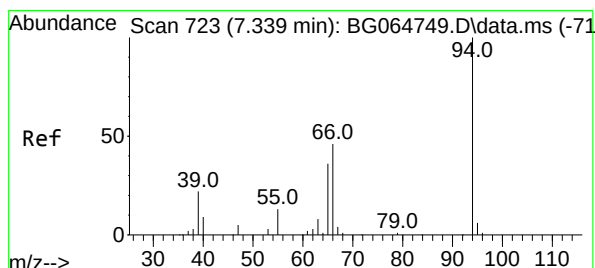
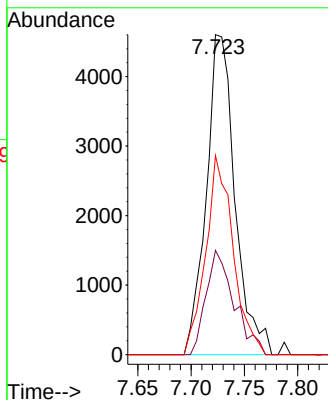
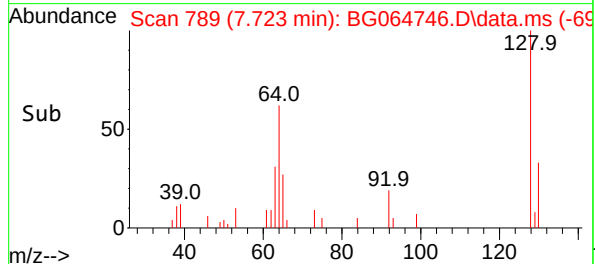
SSTDICC005



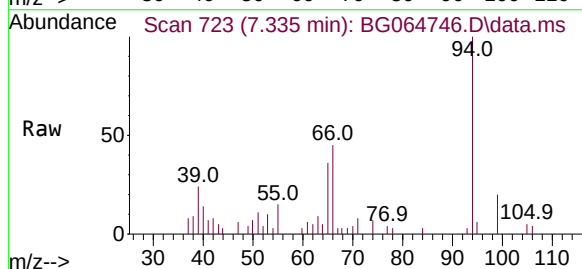
Tgt Ion: 128 Resp: 8639
Ion Ratio Lower Upper
128 100
130 32.6 11.9 51.9
64 62.2 38.4 78.4

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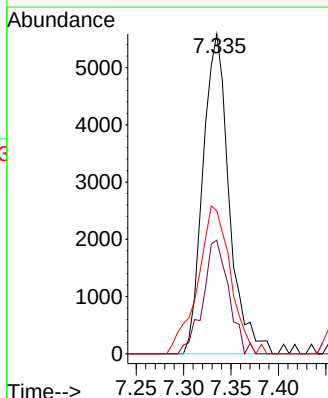
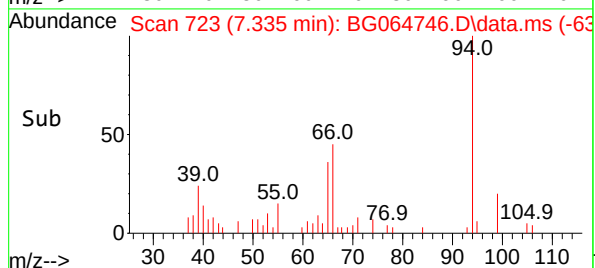
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

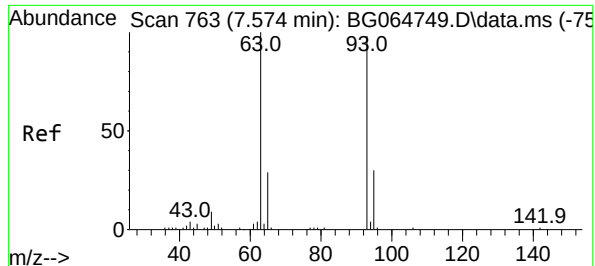


#10
Phenol
Concen: 4.529 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



Tgt Ion: 94 Resp: 10737
Ion Ratio Lower Upper
94 100
65 35.5 17.0 57.0
66 44.7 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 4.635 ng

RT: 7.570 min Scan# 763

Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

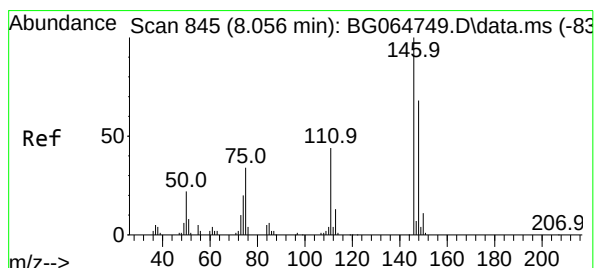
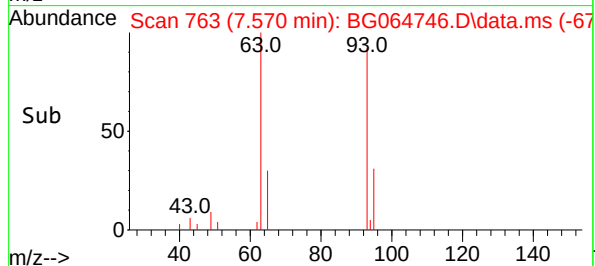
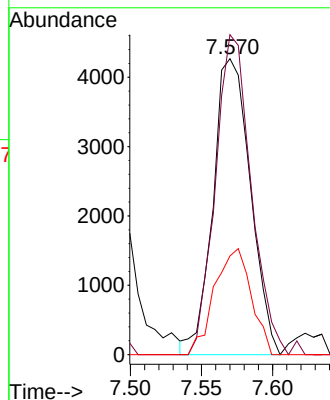
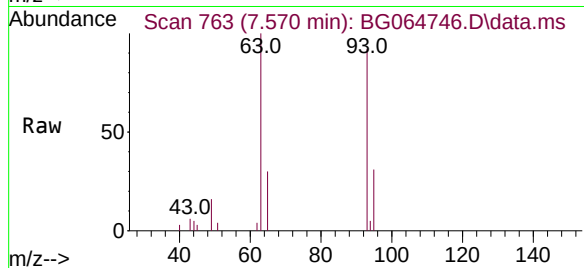
ClientSampleId :

SSTDICC005

Tgt Ion:	93	Resp:	7820
Ion	Ratio	Lower	Upper
93	100		
63	108.1	81.8	121.8
95	33.3	10.3	50.3

Manual Integrations
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Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 4.872 ng m

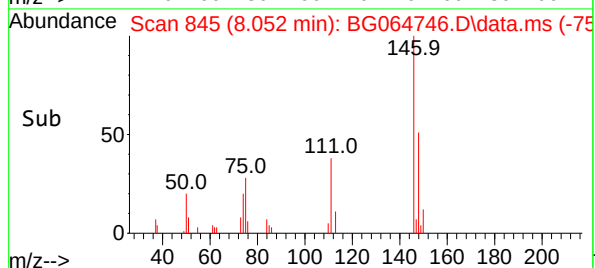
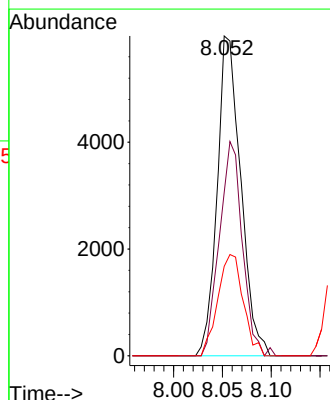
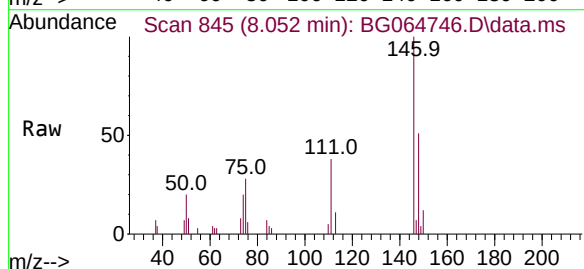
RT: 8.052 min Scan# 845

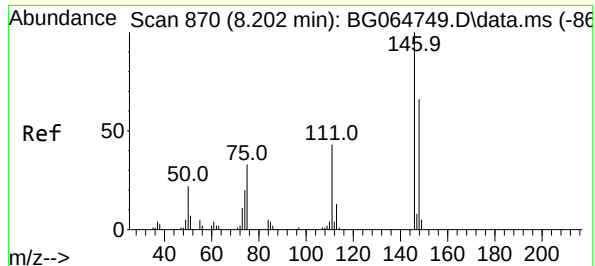
Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Tgt Ion:	146	Resp:	10085
Ion	Ratio	Lower	Upper
146	100		
148	51.1	54.6	82.0#
75	28.0	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 4.866 ng

RT: 8.205 min Scan# 81

Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

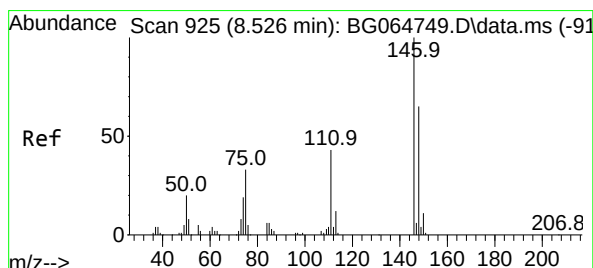
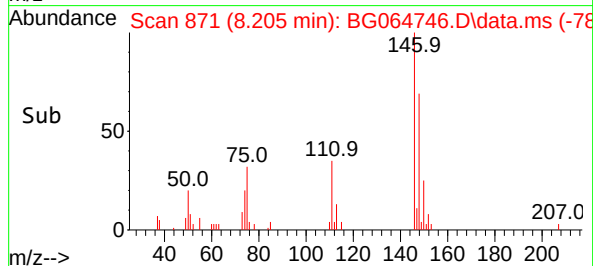
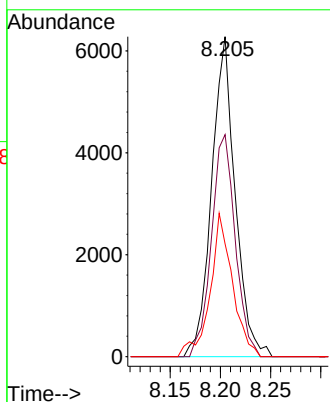
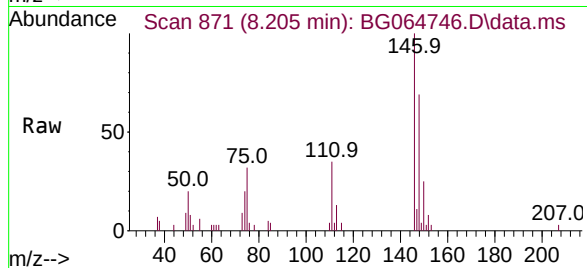
Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:	146	Resp:	1025
Ion Ratio	Lower	Upper	
146	100		
148	69.4	53.1	79.7
111	35.2	34.1	51.1

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#14

1,2-Dichlorobenzene

Concen: 4.957 ng

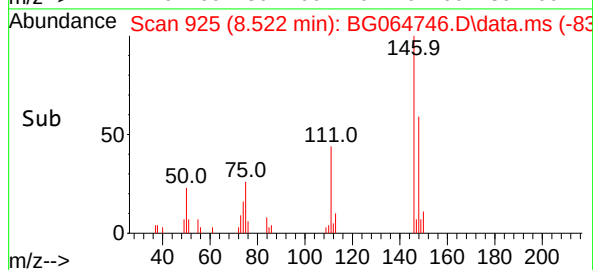
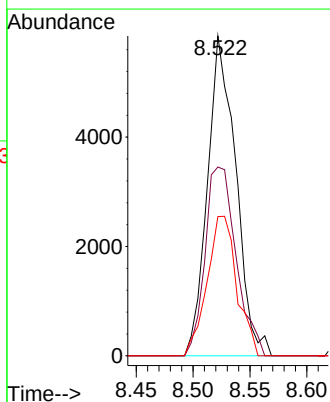
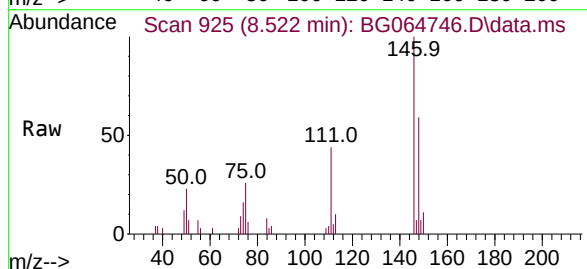
RT: 8.522 min Scan# 925

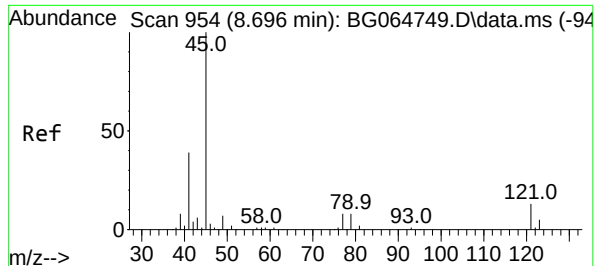
Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Tgt Ion:	146	Resp:	10131
Ion Ratio	Lower	Upper	
146	100		
148	59.0	52.0	78.0
111	43.5	34.7	52.1





#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.859 ng
RT: 8.698 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

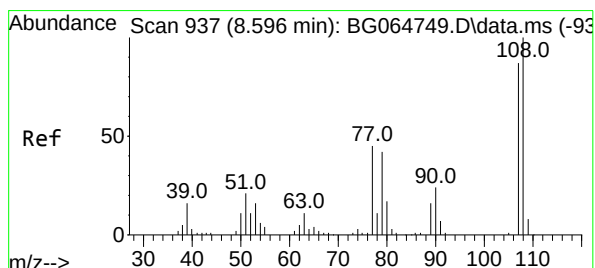
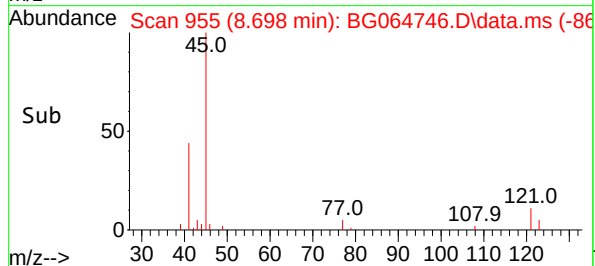
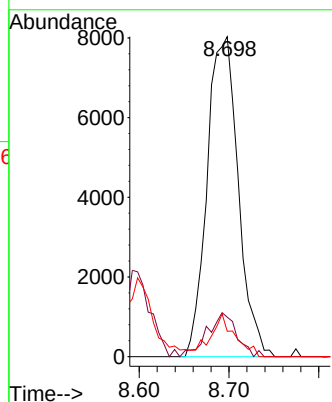
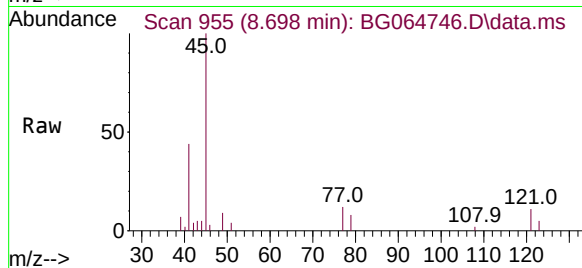
ClientSampleId :

SSTDICC005

Tgt Ion: 45 Resp: 19405
Ion Ratio Lower Upper
45 100
77 12.3 0.0 28.8
79 7.9 0.0 28.1

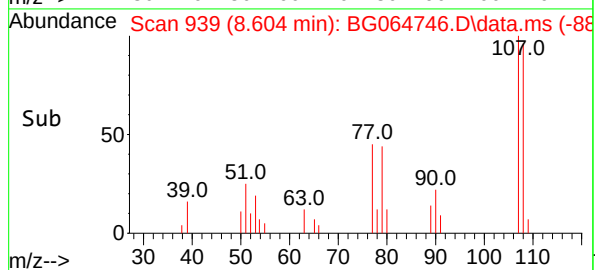
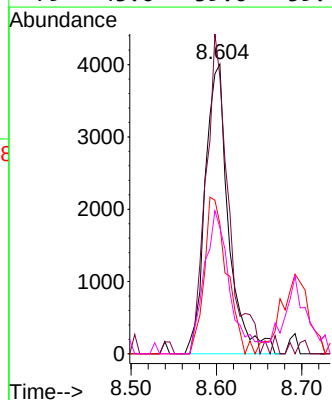
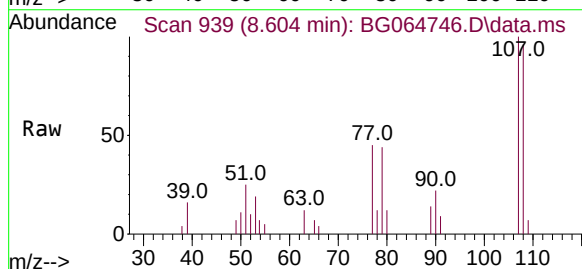
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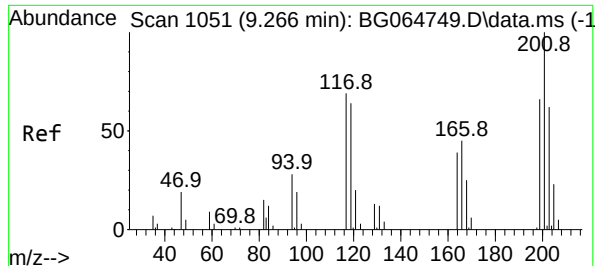
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#17
2-Methylphenol
Concen: 4.569 ng
RT: 8.604 min Scan# 939
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:107 Resp: 7665
Ion Ratio Lower Upper
107 100
108 95.6 92.6 138.8
77 44.8 41.2 61.8
79 43.6 39.6 59.4





#18

Hexachloroethane

Concen: 5.229 ng

RT: 9.262 min Scan# 1051

Delta R.T. -0.004 min

Lab File: BG064746.D

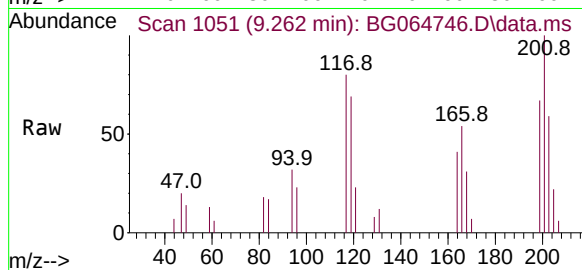
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

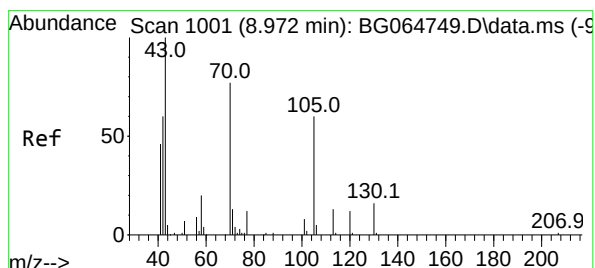
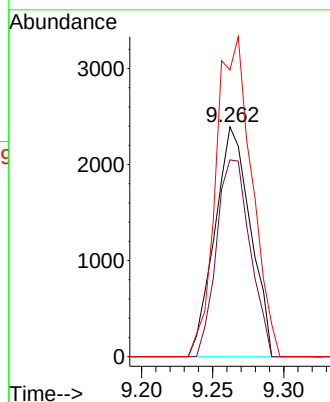
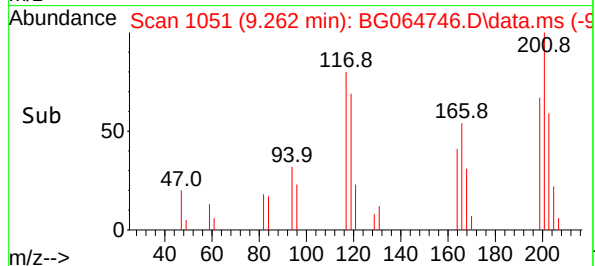


Tgt Ion:	117	Resp:	4175
Ion	Ratio	Lower	Upper
117	100		
119	85.7	74.4	111.6
201	124.8	116.5	174.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#19

n-Nitroso-di-n-propylamine

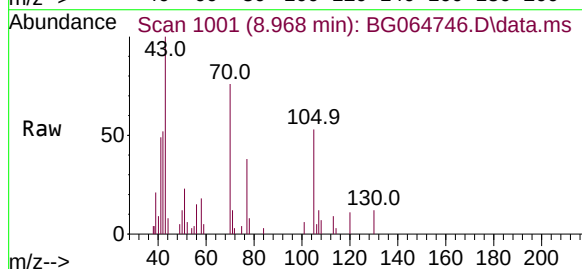
Concen: 4.247 ng

RT: 8.968 min Scan# 1001

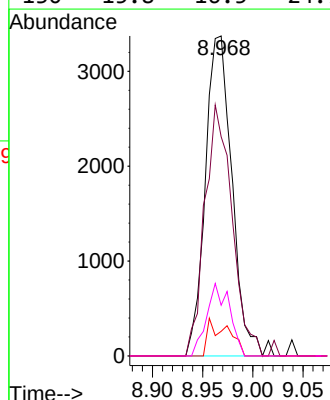
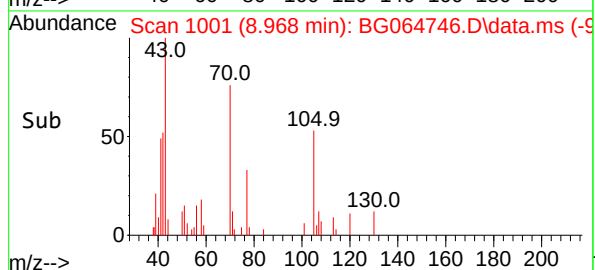
Delta R.T. -0.004 min

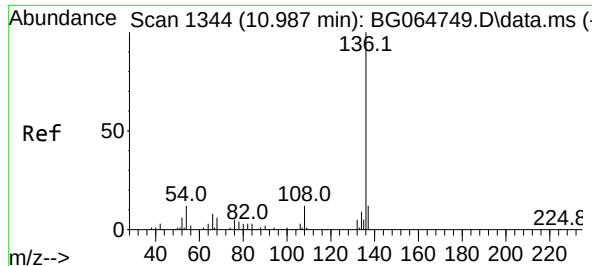
Lab File: BG064746.D

Acq: 12 Nov 2025 11:58



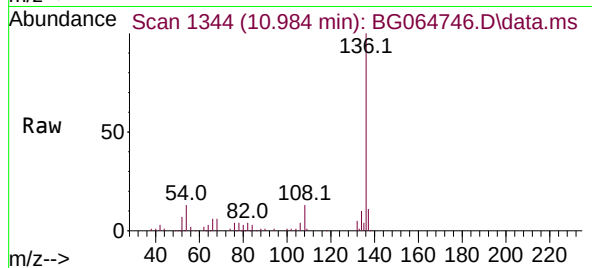
Tgt Ion:	70	Resp:	6258
Ion	Ratio	Lower	Upper
70	100		
42	68.5	62.6	93.8
101	7.7	8.0	12.0#
130	15.8	16.5	24.7#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

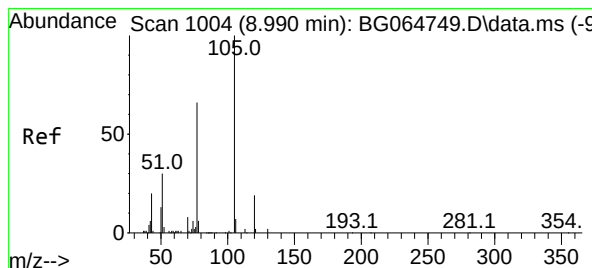
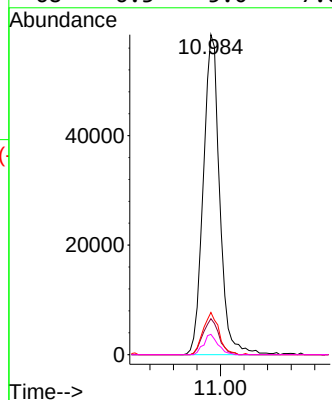
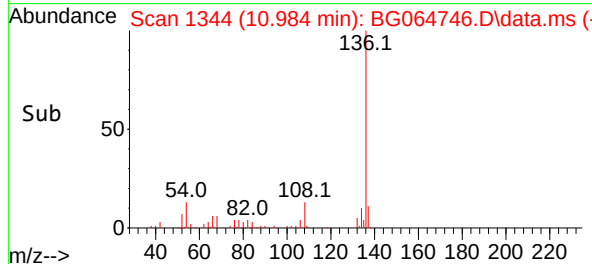
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 112954
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 13.2 9.3 13.9
68 6.3 5.0 7.6

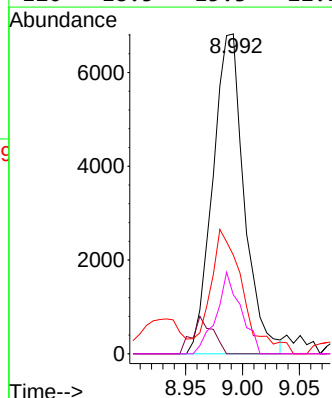
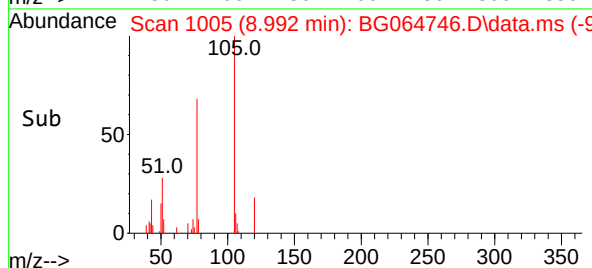
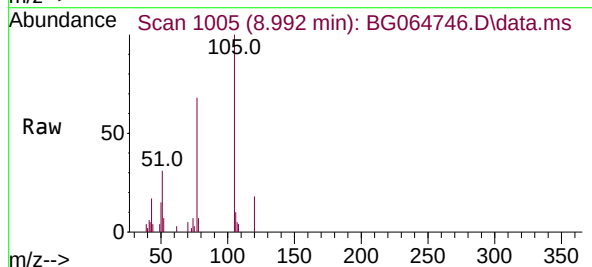
Manual Integrations
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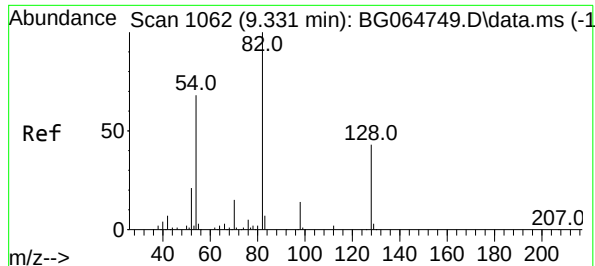
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 4.264 ng
RT: 8.992 min Scan# 1005
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:105 Resp: 13123
Ion Ratio Lower Upper
105 100
71 0.0 1.3 1.9#
51 30.9 27.9 41.9
120 18.5 15.3 22.9





#23

Nitrobenzene-d5

Concen: 9.170 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

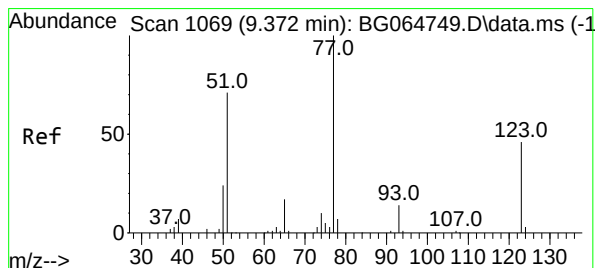
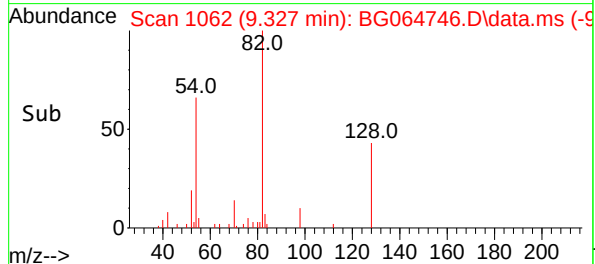
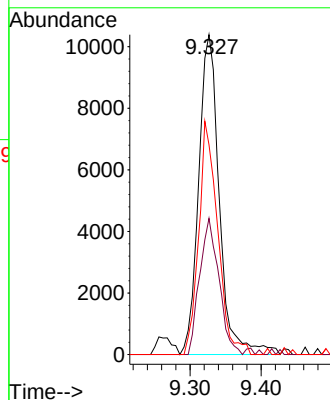
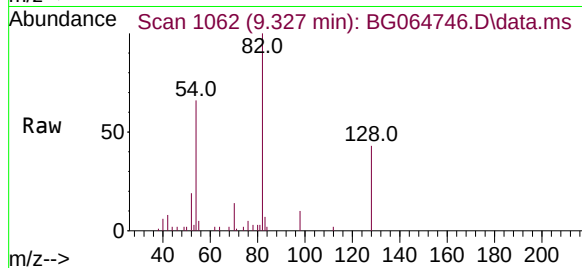
SSTDICC005

Tgt Ion:	82	Resp:	20950
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.1	51.1
54	65.6	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 4.323 ng

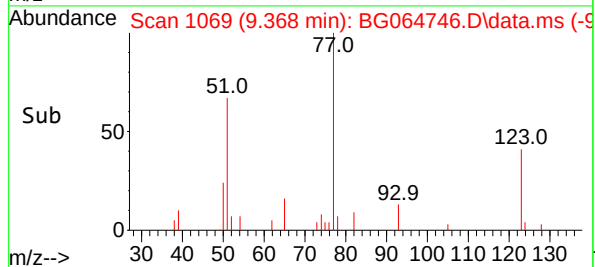
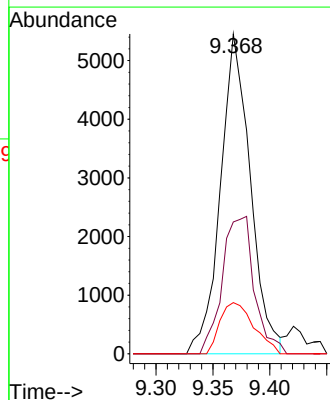
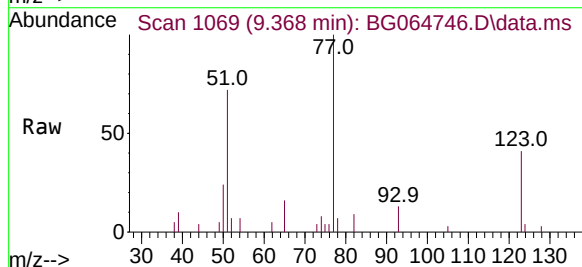
RT: 9.368 min Scan# 1069

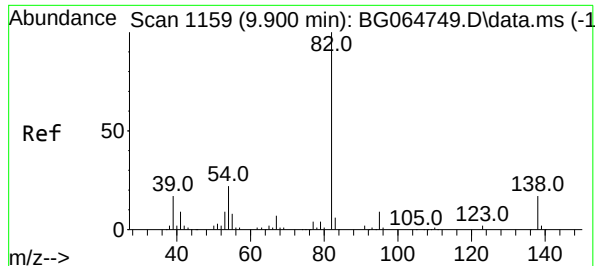
Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Tgt Ion:	77	Resp:	9979
Ion	Ratio	Lower	Upper
77	100		
123	41.2	36.5	54.7
65	16.0	13.5	20.3





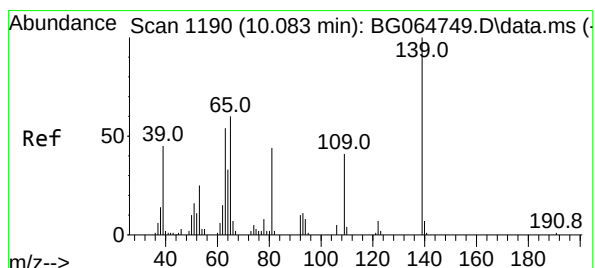
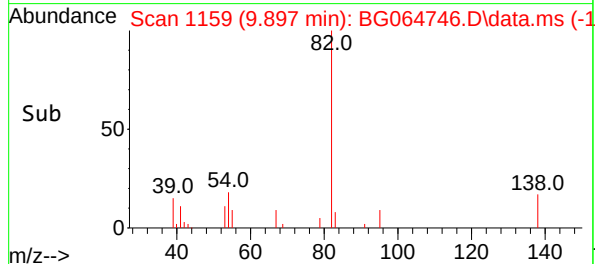
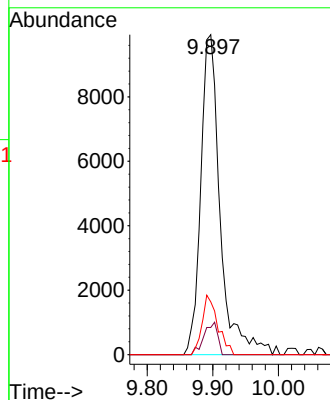
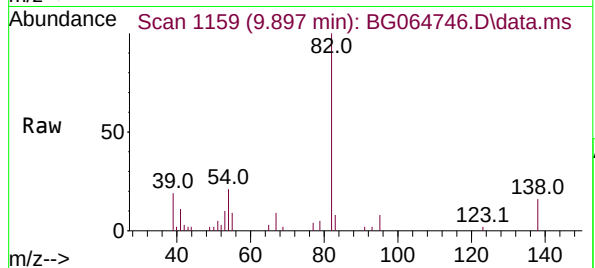
#25
Isophorone
Concen: 4.691 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 20406
Ion Ratio Lower Upper
82 100
95 8.5 6.9 10.3
138 16.5 13.9 20.9

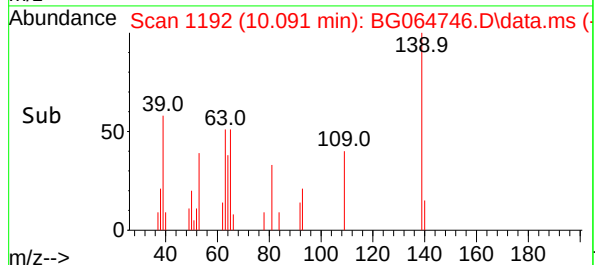
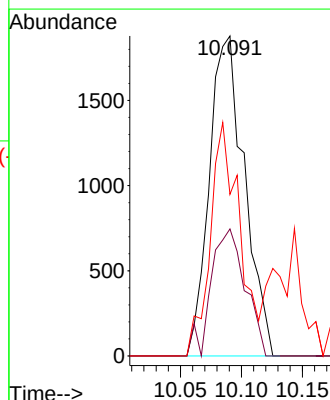
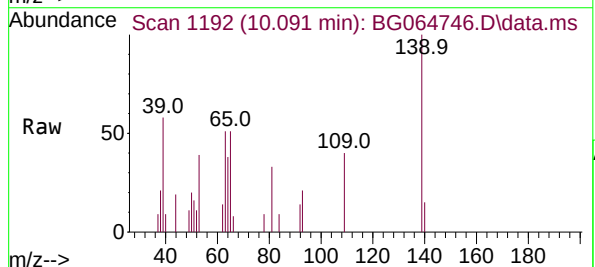
Manual Integrations
APPROVED

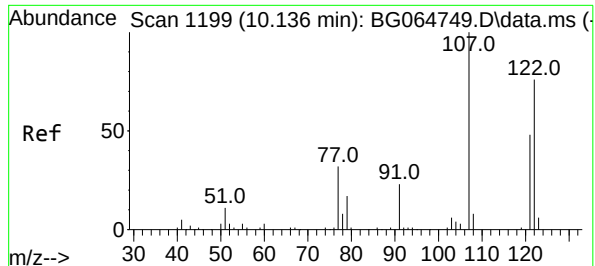
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 3.627 ng
RT: 10.091 min Scan# 1192
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

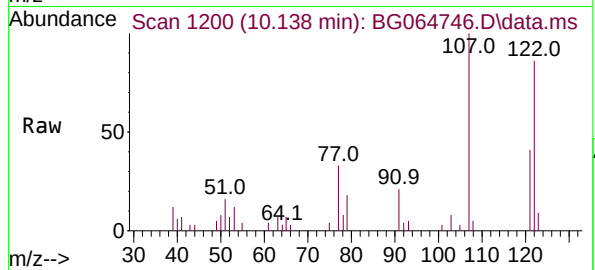
Tgt Ion:139 Resp: 3766
Ion Ratio Lower Upper
139 100
109 39.7 32.5 48.7
65 50.5 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 4.734 ng
RT: 10.138 min Scan# 1199
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

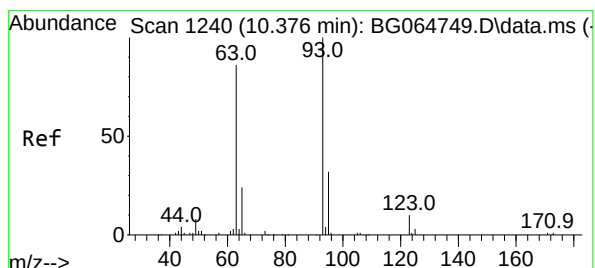
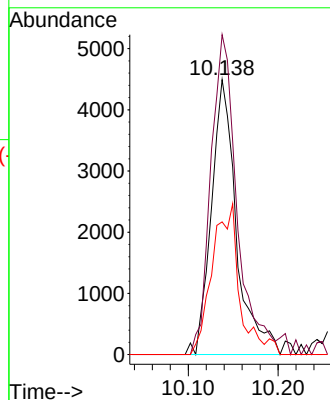
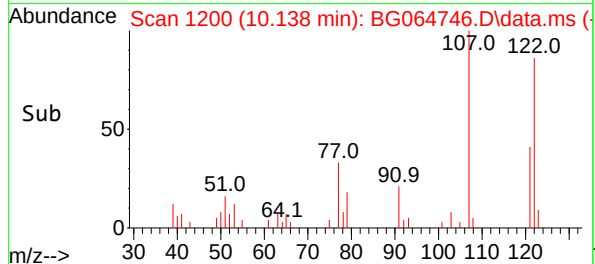
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



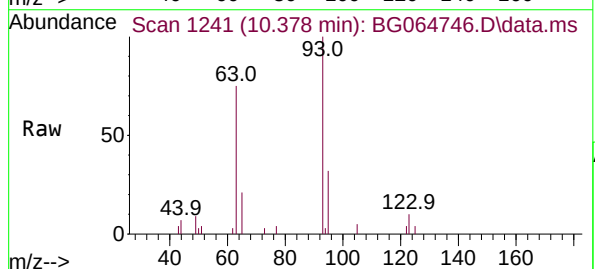
Tgt Ion: 122 Resp: 8732
Ion Ratio Lower Upper
122 100
107 116.4 102.5 153.7
121 48.3 49.0 73.6

Manual Integrations
APPROVED

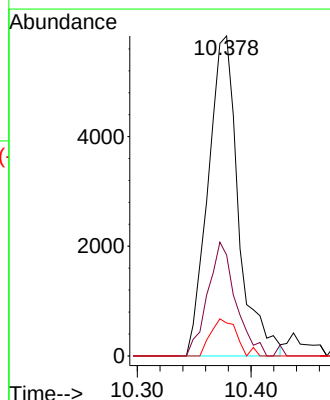
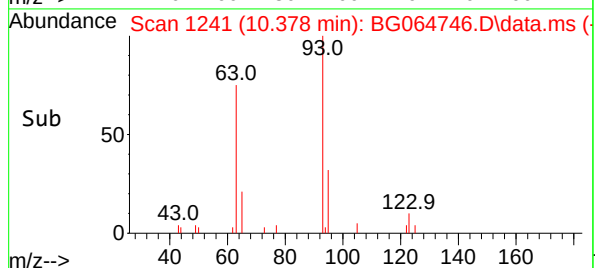
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

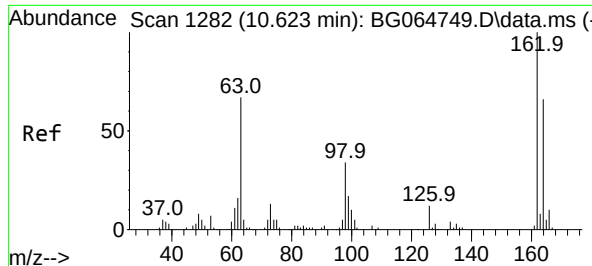


#28
bis(2-Chloroethoxy)methane
Concen: 4.526 ng
RT: 10.378 min Scan# 1241
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



Tgt Ion: 93 Resp: 10809
Ion Ratio Lower Upper
93 100
95 31.6 25.4 38.2
123 10.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 4.039 ng

RT: 10.631 min Scan# 1284

Delta R.T. 0.008 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

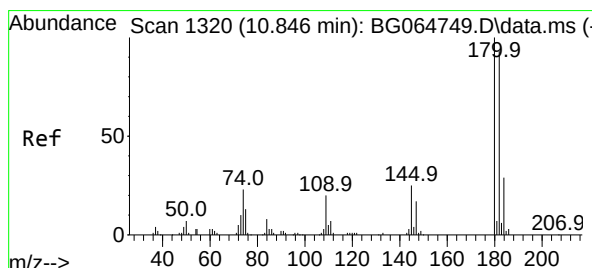
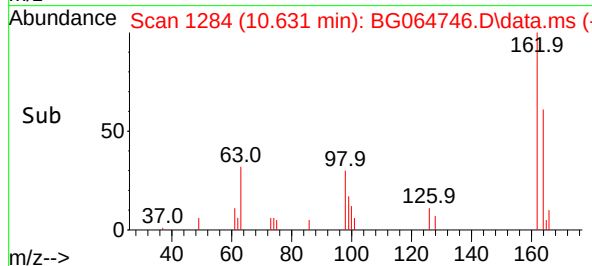
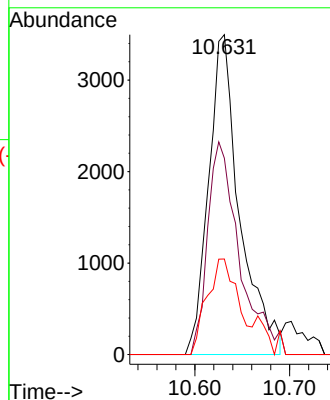
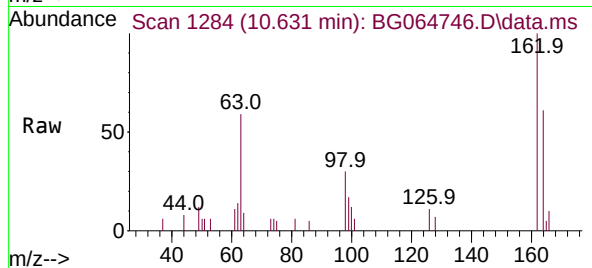
SSTDICC005

Tgt Ion:	162	Resp:	7998
Ion Ratio	Lower	Upper	
162	100		
164	61.4	46.0	86.0
98	29.9	14.2	54.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.816 ng

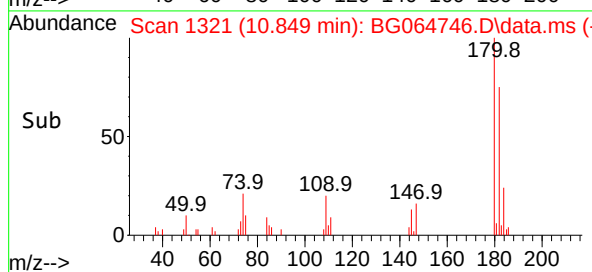
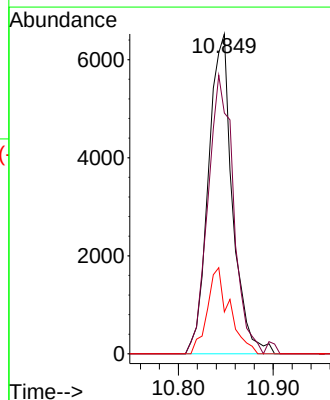
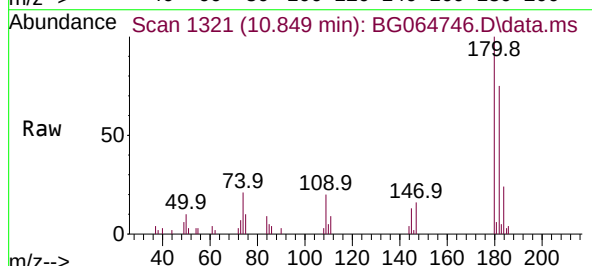
RT: 10.849 min Scan# 1321

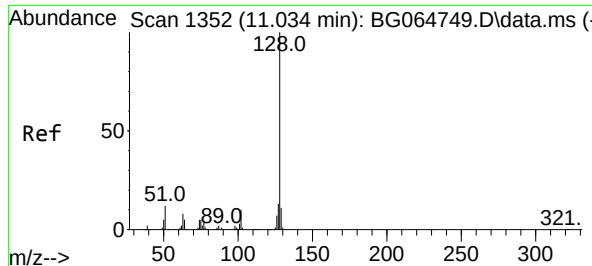
Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

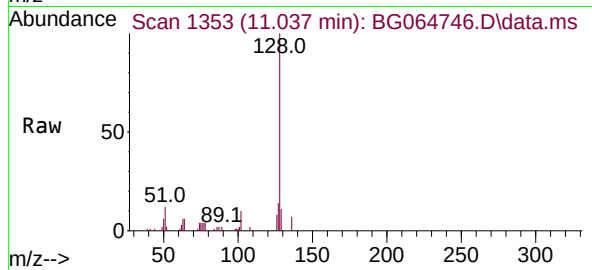
Tgt Ion:	180	Resp:	11516
Ion Ratio	Lower	Upper	
180	100		
182	70.9	74.2	111.4#
145	12.4	20.0	30.0#





#31
Naphthalene
Concen: 4.744 ng
RT: 11.037 min Scan# 1352
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

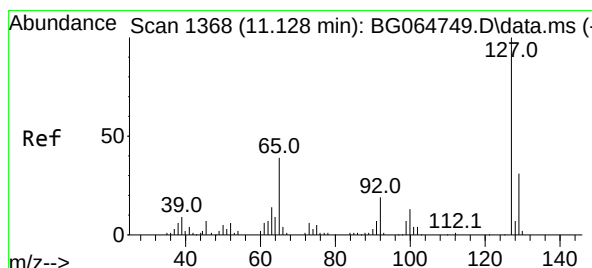
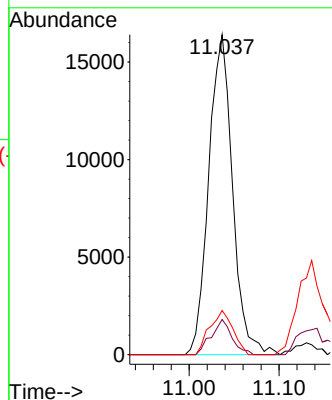
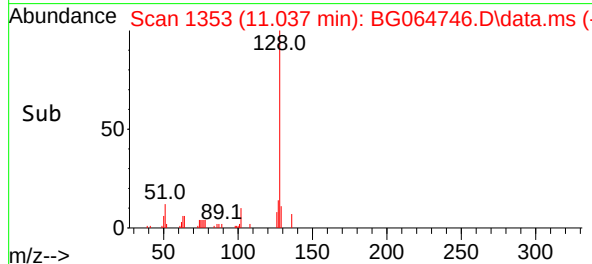
Instrument :
BNA_G
ClientSampleId :
SSTDIC005



Tgt Ion:128 Resp: 30376
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.8 10.6 16.0

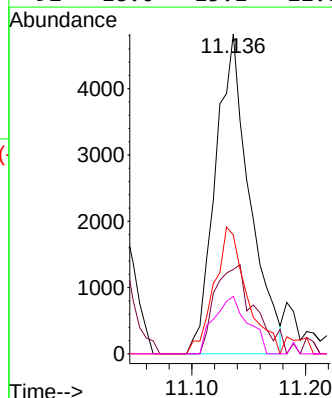
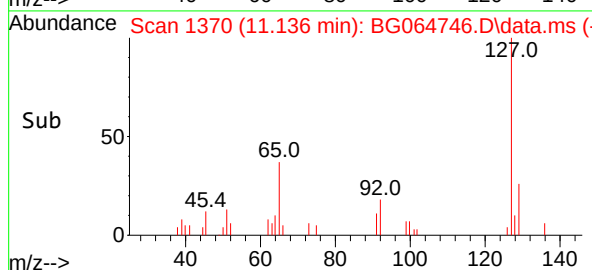
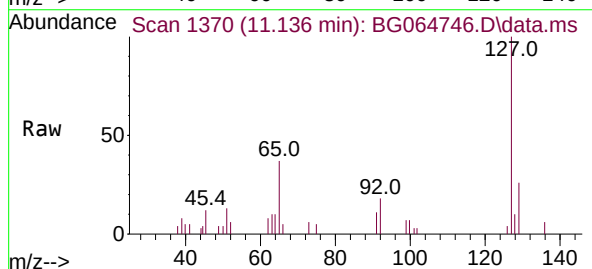
Manual Integrations
APPROVED

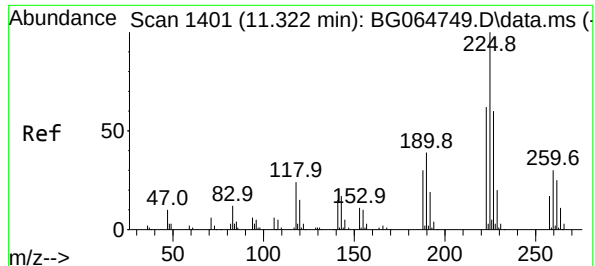
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#33
4-Chloroaniline
Concen: 3.933 ng
RT: 11.136 min Scan# 1370
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

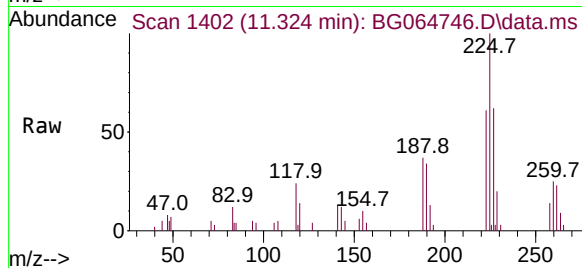
Tgt Ion:127 Resp: 10074
Ion Ratio Lower Upper
127 100
129 26.4 24.9 37.3
65 37.1 30.9 46.3
92 18.0 15.1 22.7





#34
Hexachlorobutadiene
Concen: 5.029 ng
RT: 11.324 min Scan# 1402
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

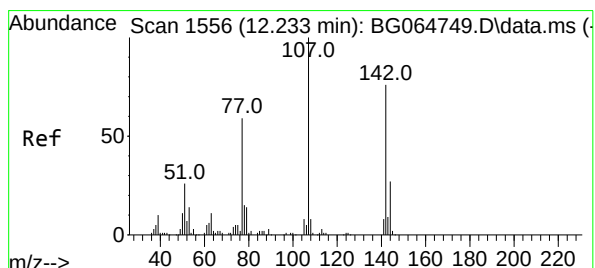
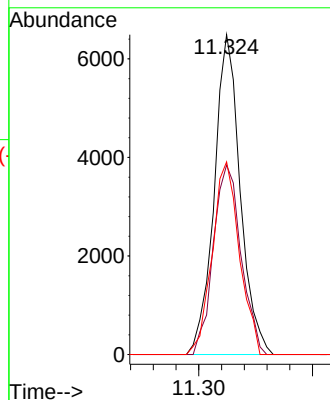
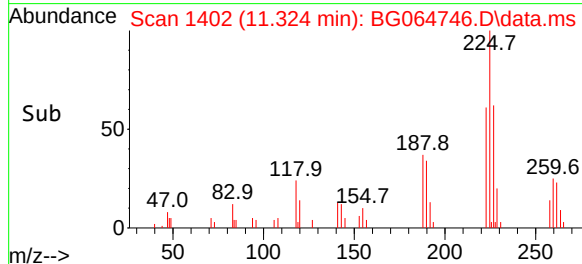
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:225 Resp: 10318
Ion Ratio Lower Upper
225 100
223 59.2 49.9 74.9
227 62.8 50.6 75.8

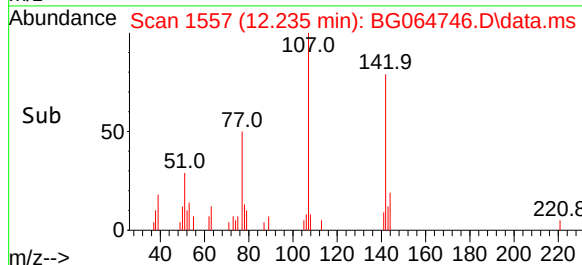
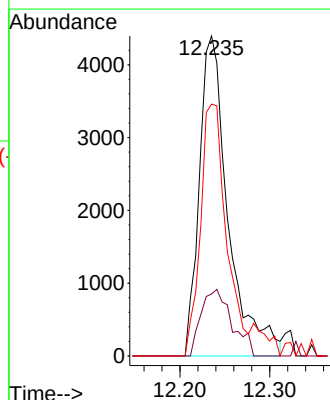
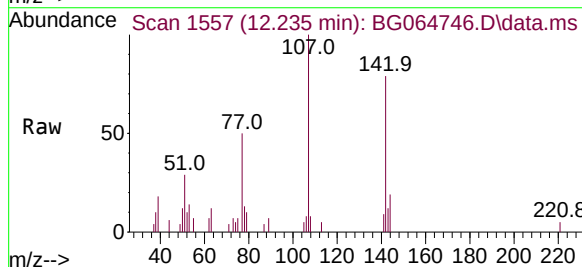
Manual Integrations
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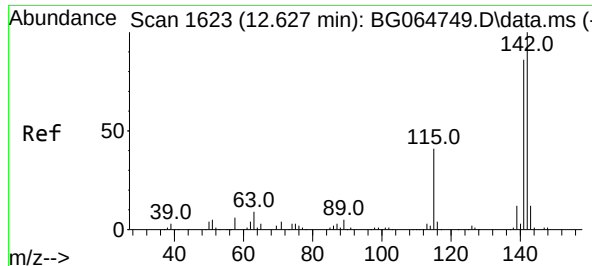
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#36
4-Chloro-3-methylphenol
Concen: 4.455 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:107 Resp: 9819
Ion Ratio Lower Upper
107 100
144 19.3 21.7 32.5#
142 78.7 60.8 91.2





#37

2-Methylnaphthalene

Concen: 4.831 ng m

RT: 12.629 min Scan# 1623

Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:142 Resp: 23148

Ion Ratio Lower Upper

142 100

141 88.0 69.1 103.7

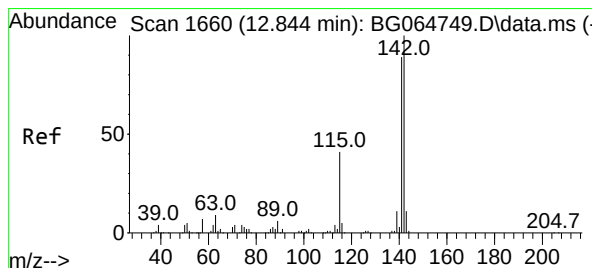
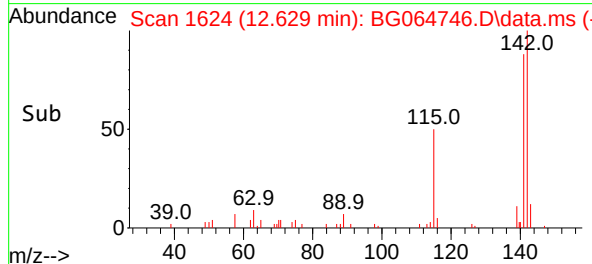
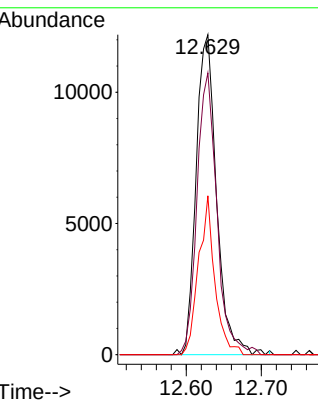
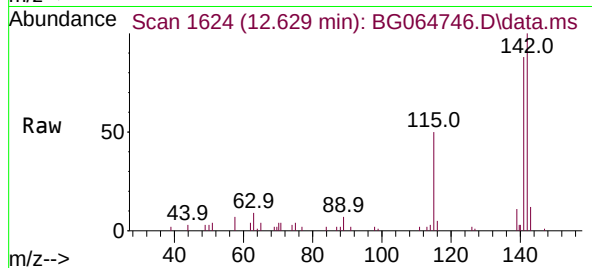
115 49.6 32.9 49.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#38

1-Methylnaphthalene

Concen: 5.007 ng m

RT: 12.840 min Scan# 1660

Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

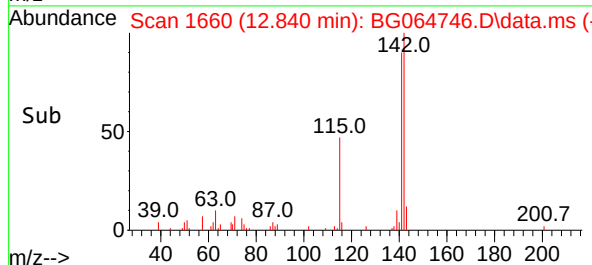
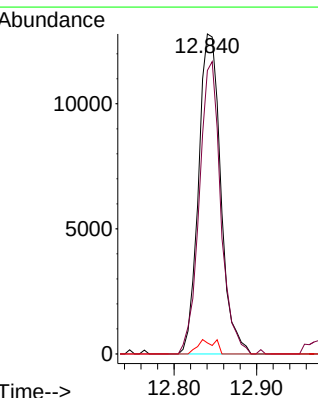
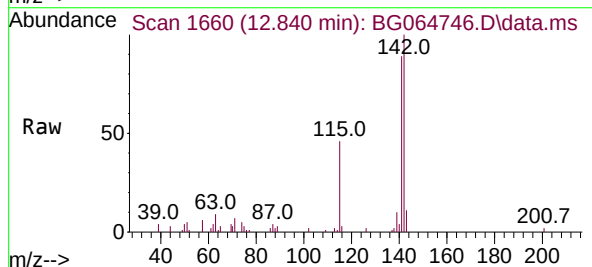
Tgt Ion:142 Resp: 23834

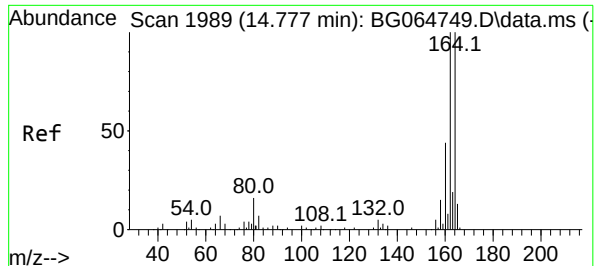
Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2

116 3.4 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.779 min Scan# 1989

Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

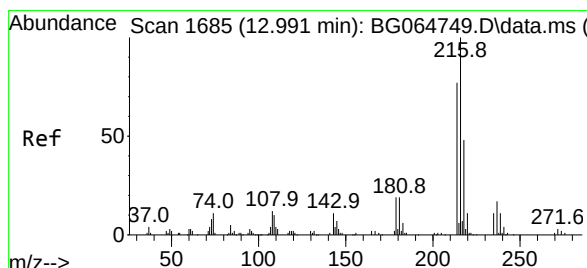
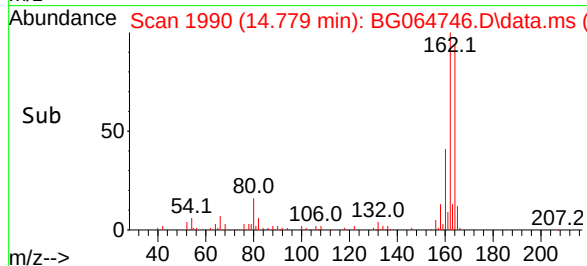
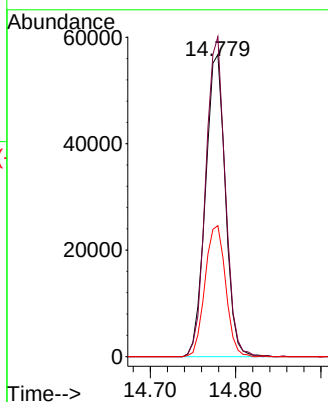
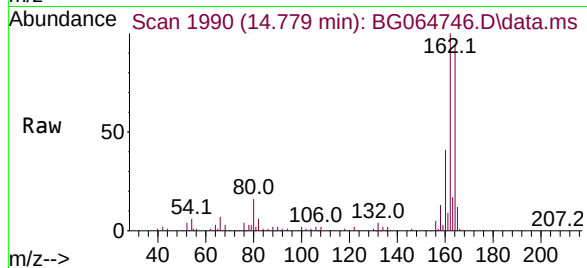
SSTDICC005

Tgt Ion:164	Resp:	92156	
Ion Ratio	Lower	Upper	
164	100		
162	106.0	79.8	119.6
160	43.4	34.9	52.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.859 ng

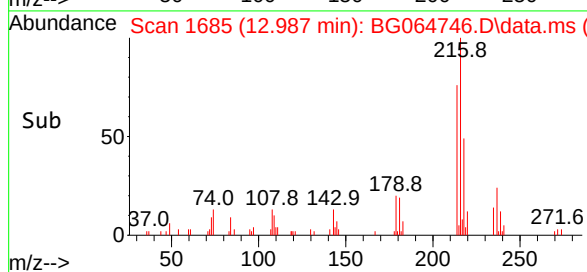
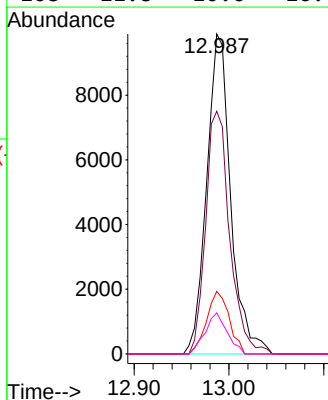
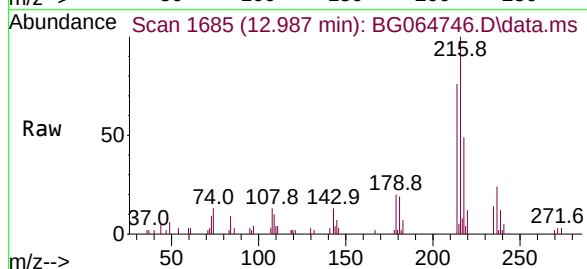
RT: 12.987 min Scan# 1685

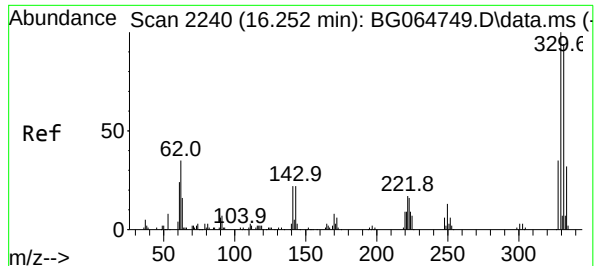
Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Tgt Ion:216	Resp:	17425	
Ion Ratio	Lower	Upper	
216	100		
214	75.8	60.5	90.7
179	18.2	14.7	22.1
108	11.8	10.6	16.0





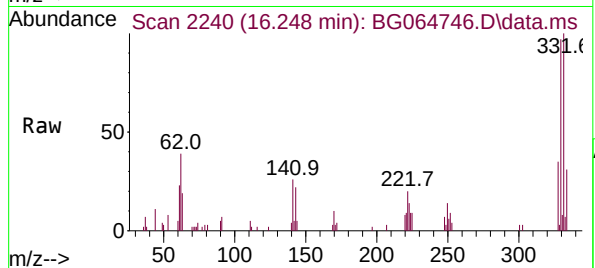
#42
2,4,6-Tribromophenol
Concen: 8.875 ng
RT: 16.248 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

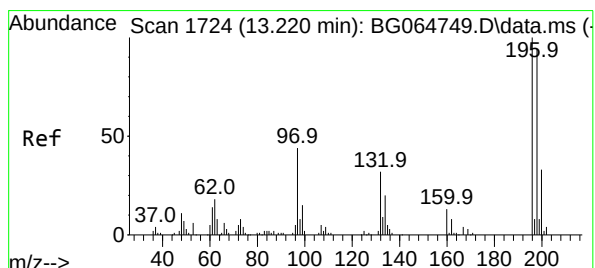
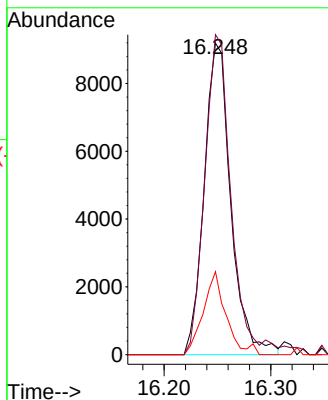
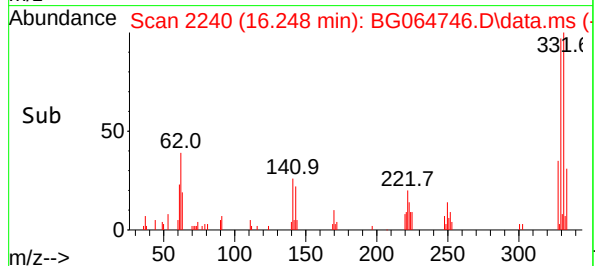
SSTDICC005



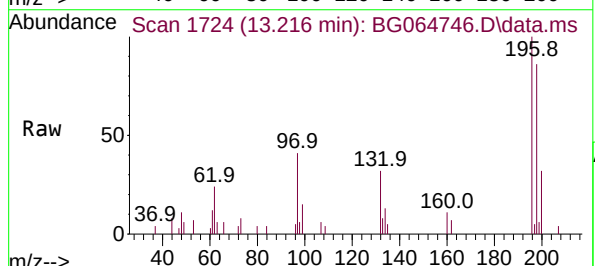
Tgt Ion:330 Resp: 1595
Ion Ratio Lower Upper
330 100
332 103.0 77.0 115.6
141 22.7 18.2 27.2

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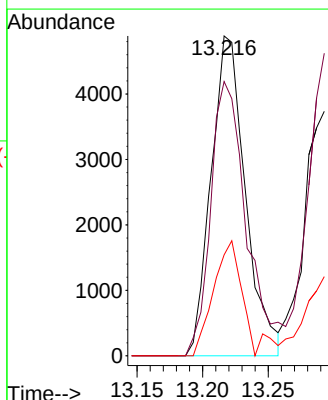
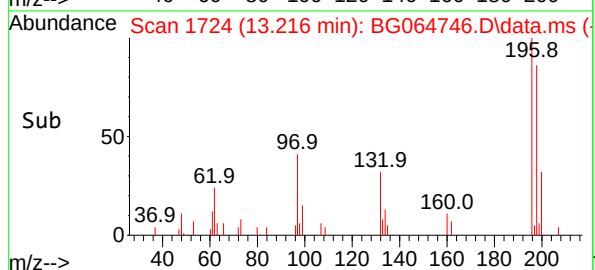
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

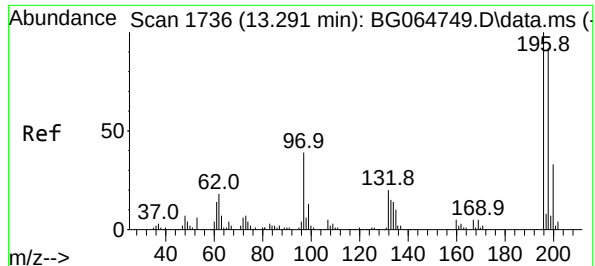


#43
2,4,6-Trichlorophenol
Concen: 4.222 ng
RT: 13.216 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



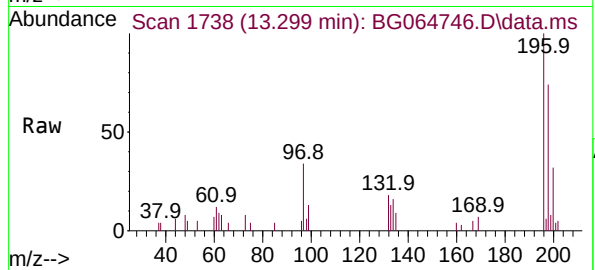
Tgt Ion:196 Resp: 8887
Ion Ratio Lower Upper
196 100
198 85.7 75.3 112.9
200 31.6 26.2 39.2





#44
2,4,5-Trichlorophenol
Concen: 4.559 ng
RT: 13.299 min Scan# 1736
Delta R.T. 0.008 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

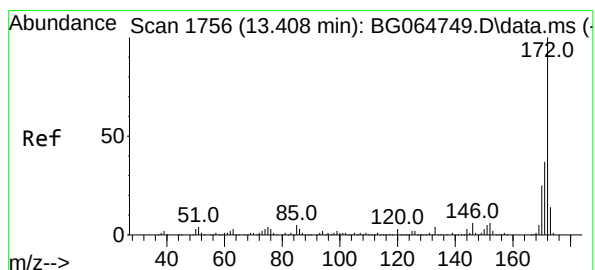
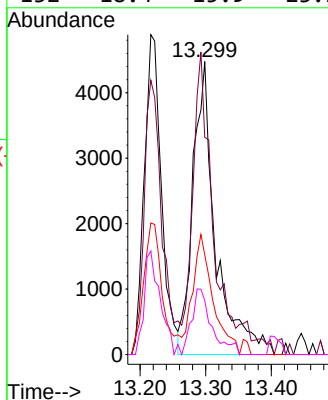
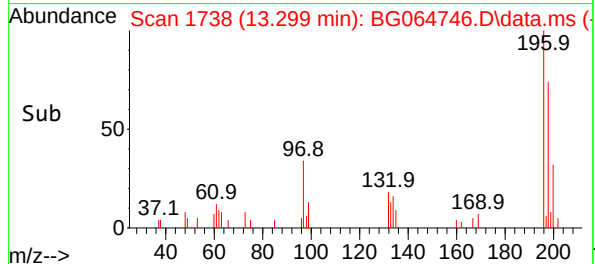
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



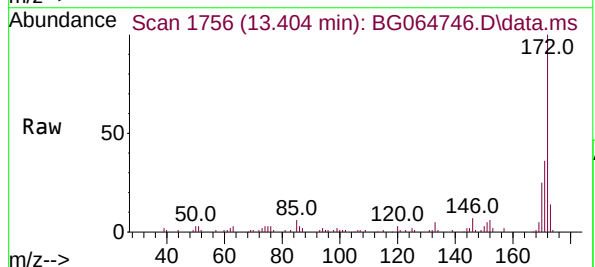
Tgt Ion:196 Resp: 10762
Ion Ratio Lower Upper
196 100
198 74.2 73.2 109.8
97 34.1 31.4 47.0
132 18.4 15.9 23.9

Manual Integrations
APPROVED

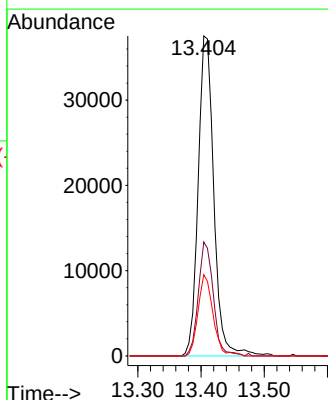
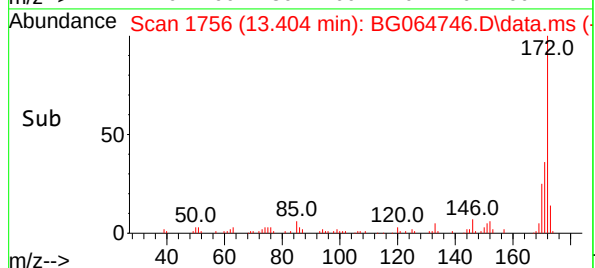
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

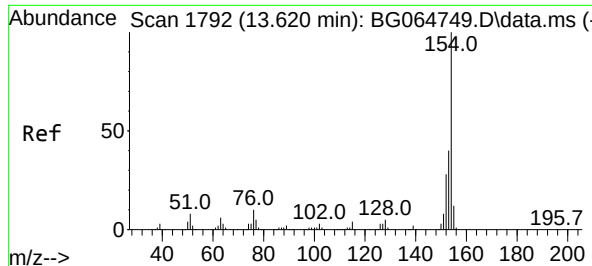


#45
2-Fluorobiphenyl
Concen: 9.789 ng
RT: 13.404 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



Tgt Ion:172 Resp: 64649
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 25.4 19.8 29.6





#46

1,1'-Biphenyl

Concen: 4.930 ng

RT: 13.616 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

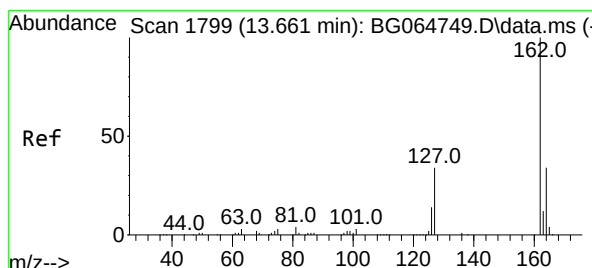
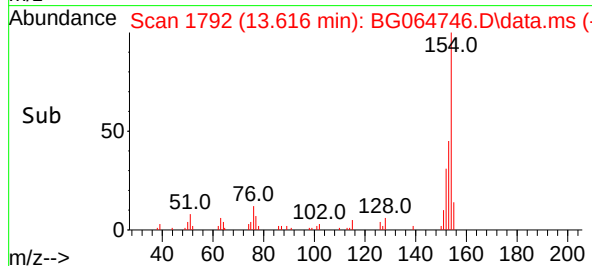
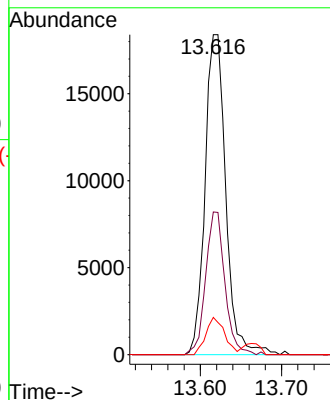
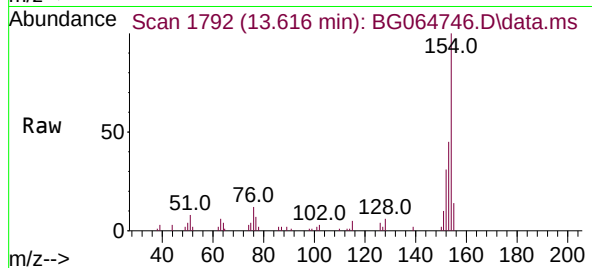
SSTDICC005

Tgt Ion:	154	Resp:	3263
Ion Ratio	Lower	Upper	
154	100		
153	44.6	19.8	59.8
76	11.6	0.0	30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#47

2-Chloronaphthalene

Concen: 4.964 ng

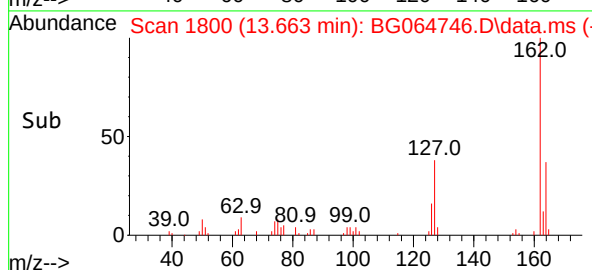
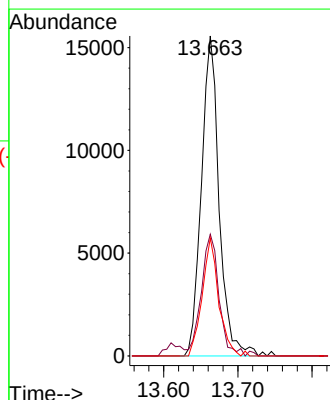
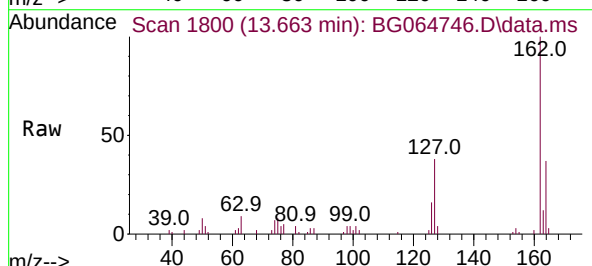
RT: 13.663 min Scan# 1800

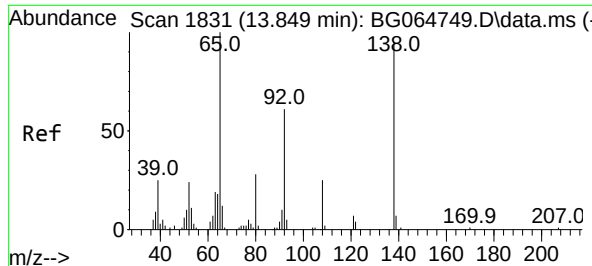
Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Tgt Ion:	162	Resp:	25885
Ion Ratio	Lower	Upper	
162	100		
127	38.1	30.3	45.5
164	36.8	26.8	40.2





#48
2-Nitroaniline
Concen: 3.995 ng
RT: 13.851 min Scan# 1831
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

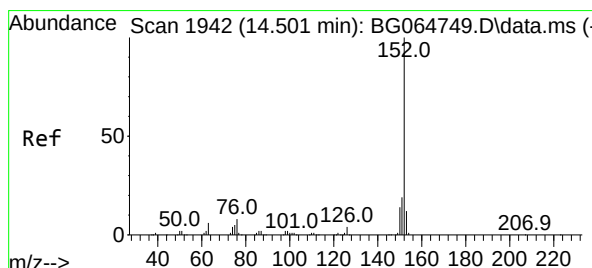
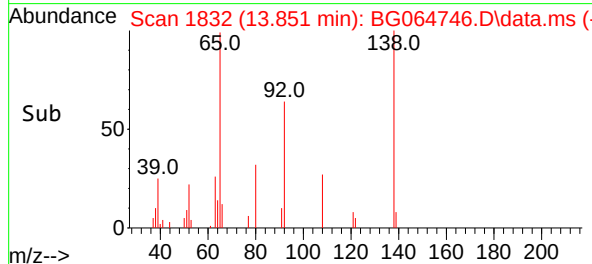
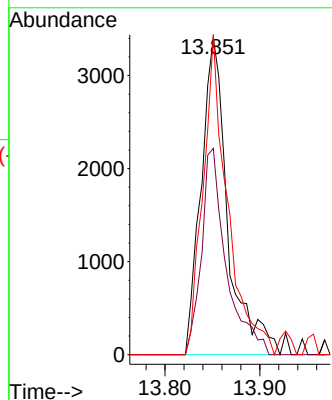
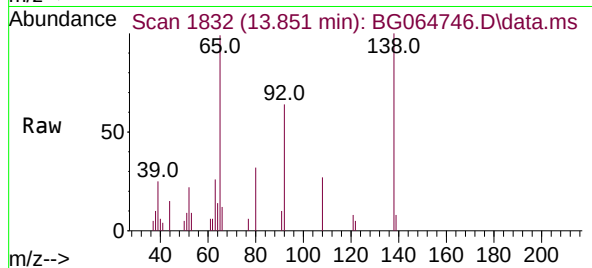
ClientSampleId :

SSTDICC005

Tgt Ion:	65	Resp:	6700
Ion Ratio	Lower	Upper	
65	100		
92	65.1	48.6	73.0
138	101.0	76.4	114.6

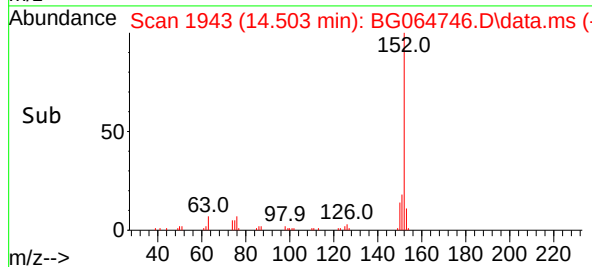
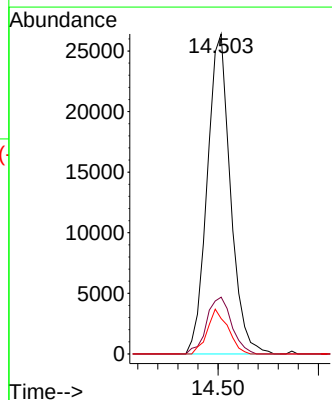
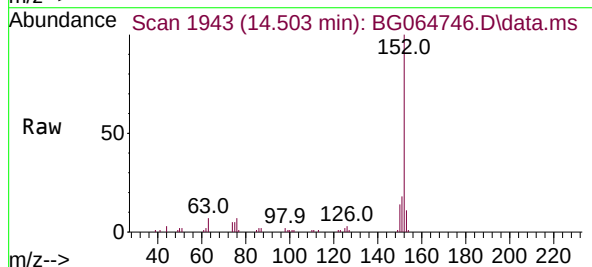
Manual Integrations
APPROVED

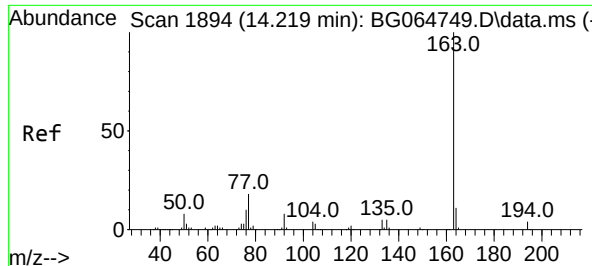
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#49
Acenaphthylene
Concen: 4.756 ng
RT: 14.503 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:	152	Resp:	42371
Ion Ratio	Lower	Upper	
152	100		
151	17.7	15.0	22.4
153	11.0	9.9	14.9





#50

Dimethylphthalate

Concen: 4.858 ng

RT: 14.221 min Scan# 1895

Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

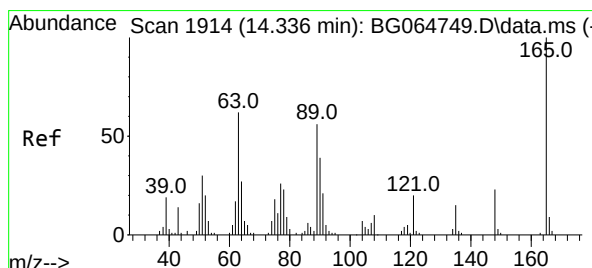
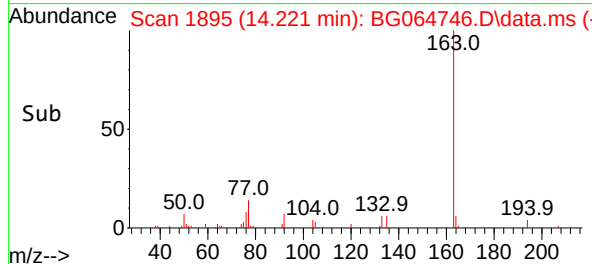
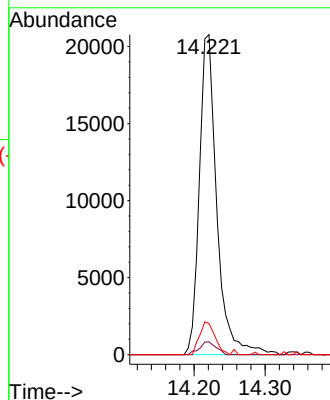
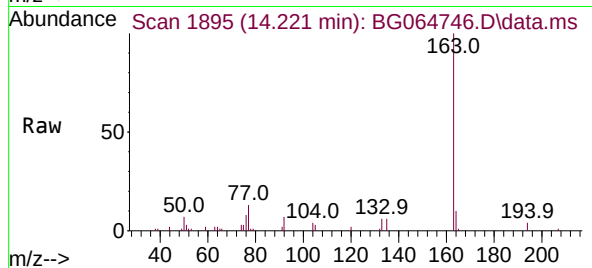
SSTDIC005

Tgt Ion:	163	Resp:	3536
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	9.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#51

2,6-Dinitrotoluene

Concen: 4.366 ng

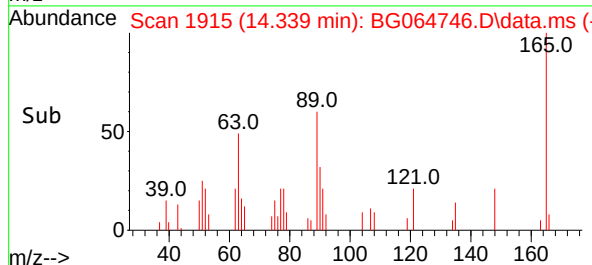
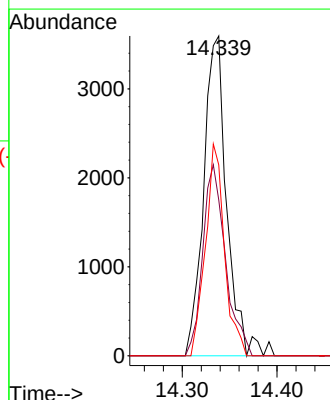
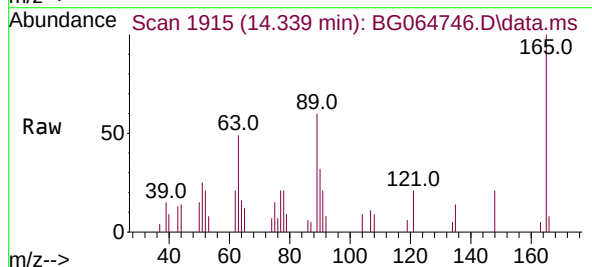
RT: 14.339 min Scan# 1915

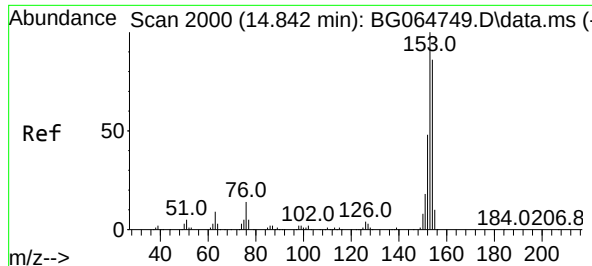
Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

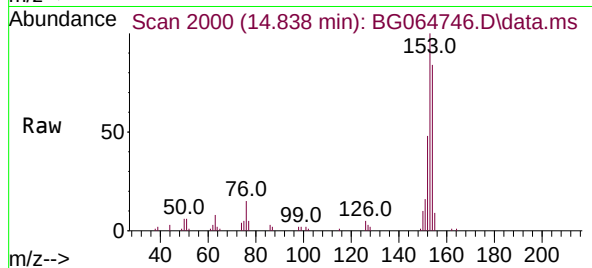
Tgt Ion:	165	Resp:	6116
Ion Ratio	Lower	Upper	
165	100		
63	48.7	49.8	74.8
89	59.7	45.0	67.4





#52
Acenaphthene
Concen: 4.625 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

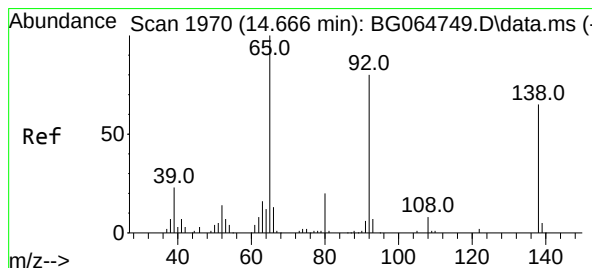
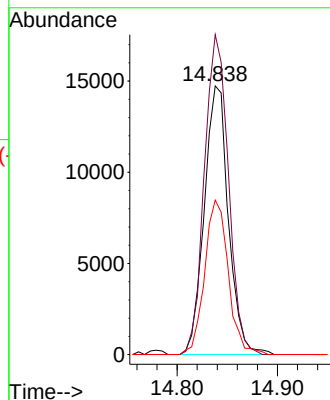
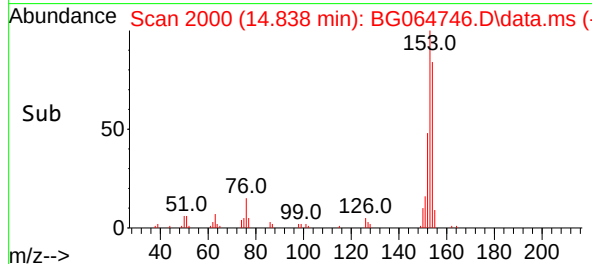
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 24706
Ion Ratio Lower Upper
154 100
153 119.1 93.0 139.4
152 57.5 44.4 66.6

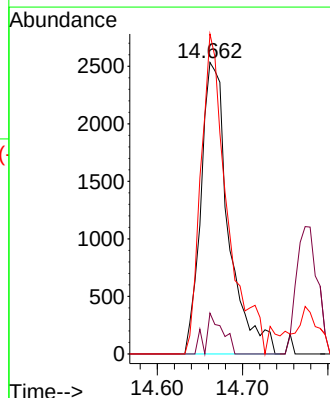
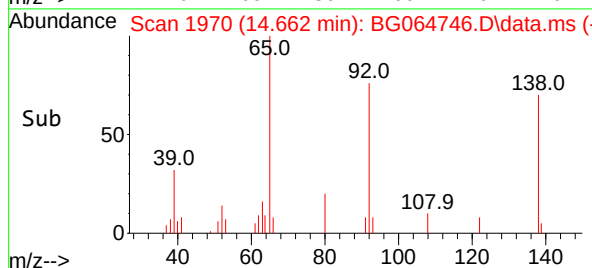
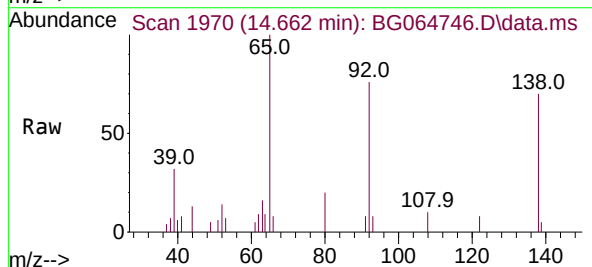
Manual Integrations
APPROVED

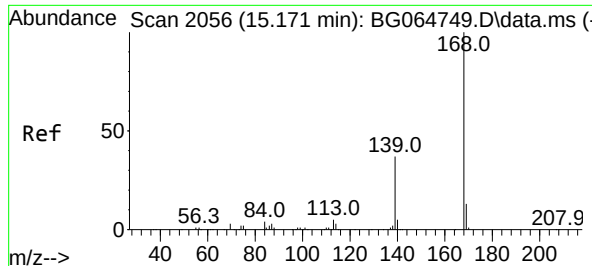
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#53
3-Nitroaniline
Concen: 4.121 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:138 Resp: 5697
Ion Ratio Lower Upper
138 100
108 14.0 9.5 14.3
92 109.8 99.0 148.4





#55

Dibenzofuran

Concen: 4.950 ng

RT: 15.173 min Scan# 2056

Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

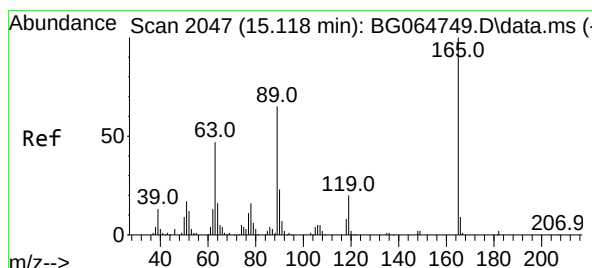
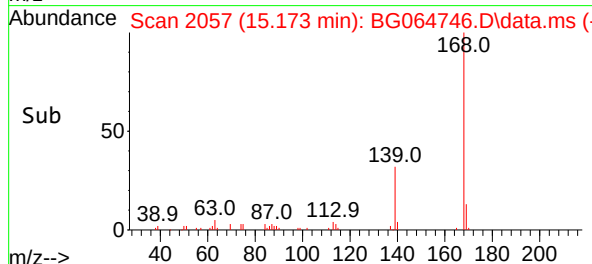
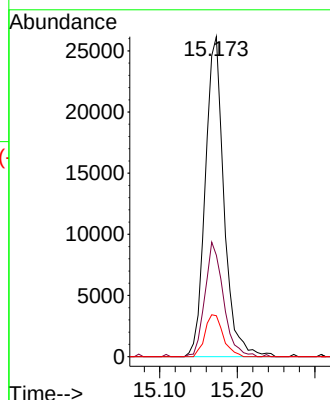
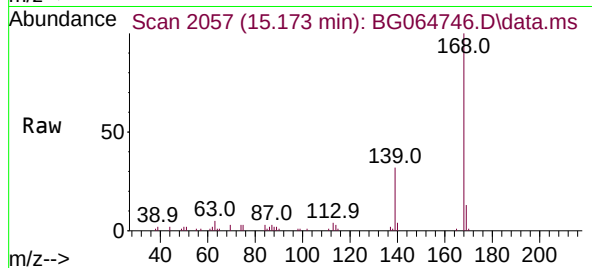
Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:	168	Resp:	43714
Ion Ratio	Lower	Upper	
168	100		
139	31.7	29.5	44.3
169	12.8	10.4	15.6

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#57

2,4-Dinitrotoluene

Concen: 4.121 ng

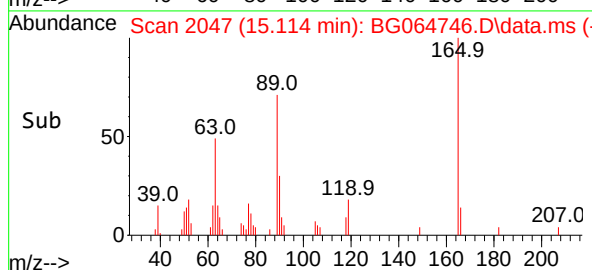
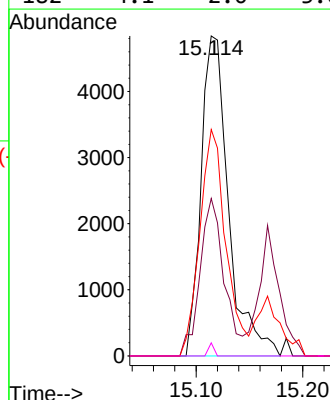
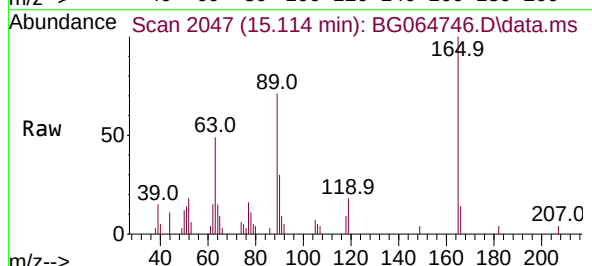
RT: 15.114 min Scan# 2047

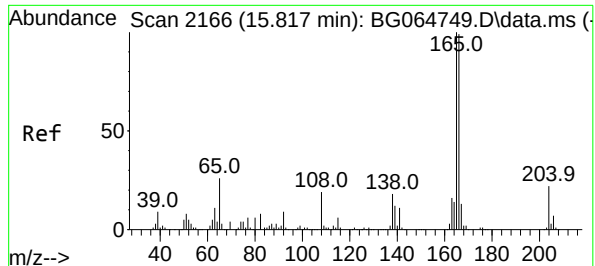
Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Tgt Ion:	165	Resp:	8655
Ion Ratio	Lower	Upper	
165	100		
63	49.2	37.8	56.6
89	70.7	51.6	77.4
182	4.1	2.0	3.0





#58
Fluorene
Concen: 4.926 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

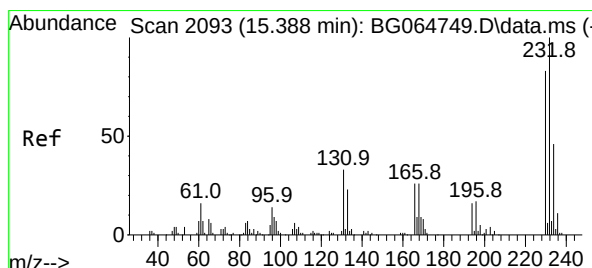
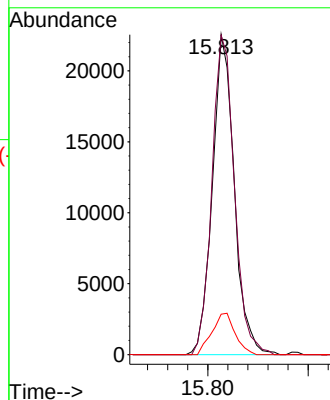
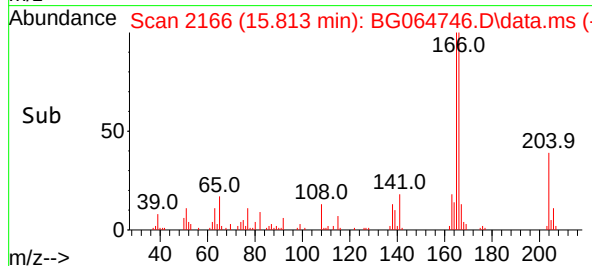
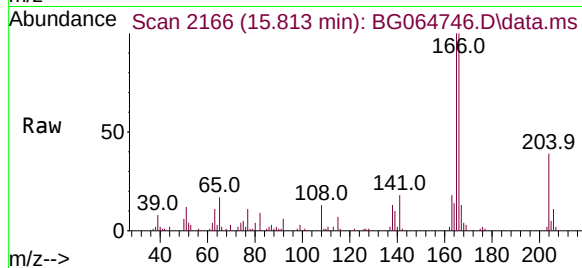
ClientSampleId :

SSTDIC005

Tgt Ion:	166	Resp:	34116
Ion Ratio	Lower	Upper	
166	100		
165	99.8	80.5	120.7
167	12.6	10.3	15.5

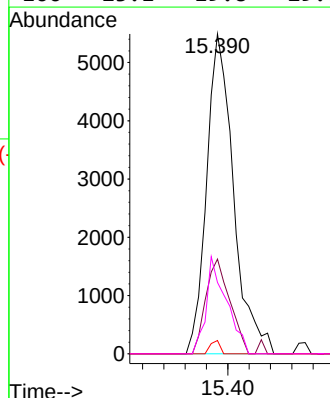
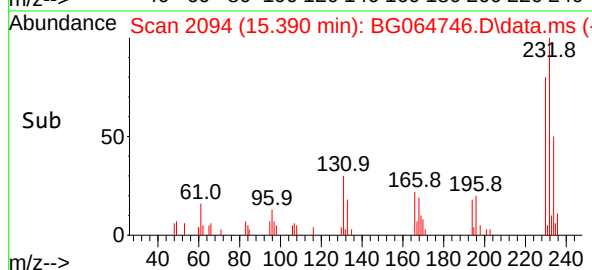
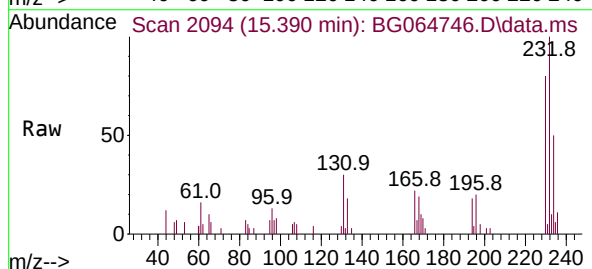
Manual Integrations
APPROVED

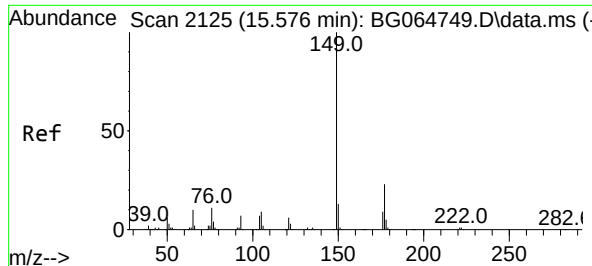
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.136 ng
RT: 15.390 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:	232	Resp:	9634
Ion Ratio	Lower	Upper	
232	100		
131	26.5	26.0	39.0
130	1.5	1.6	2.4
166	23.1	19.8	29.6





#60
Diethylphthalate
Concen: 4.767 ng
RT: 15.572 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

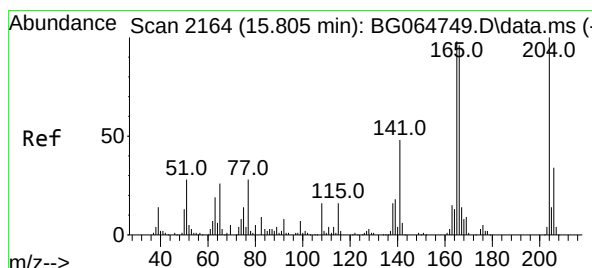
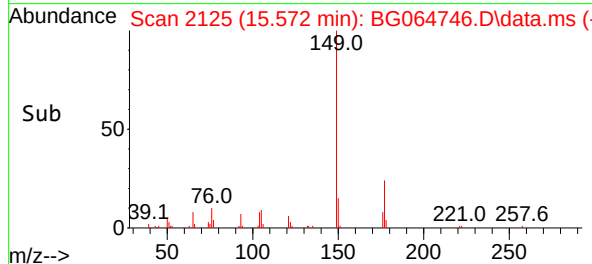
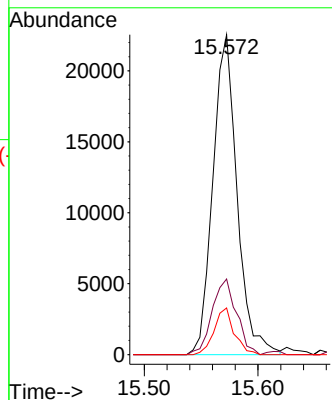
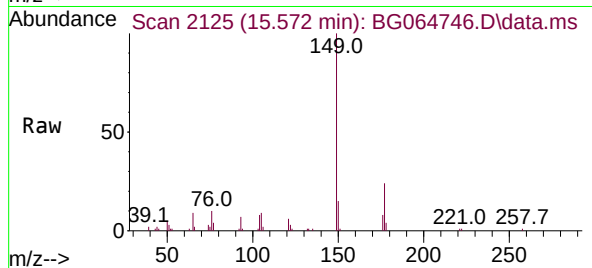
ClientSampleId :

SSTDICC005

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.4	27.6
150	14.6	10.1	15.1

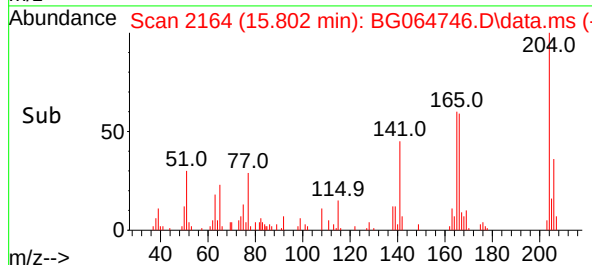
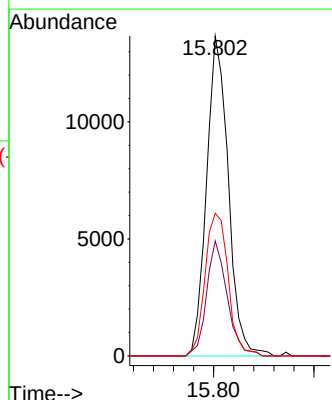
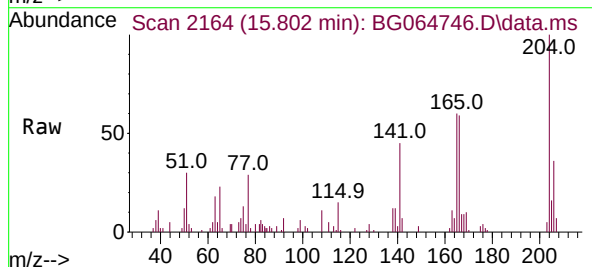
Manual Integrations
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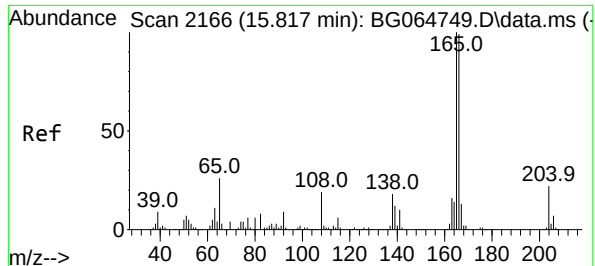
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#61
4-Chlorophenyl-phenylether
Concen: 4.946 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.0	26.9	40.3
141	44.6	38.1	57.1





#62
4-Nitroaniline
Concen: 3.949 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

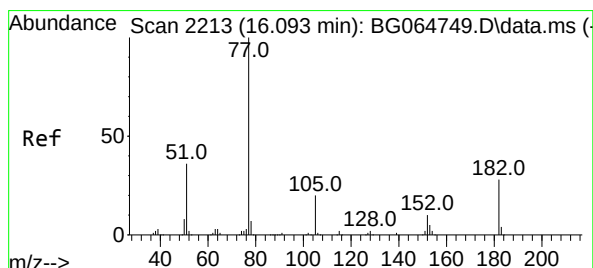
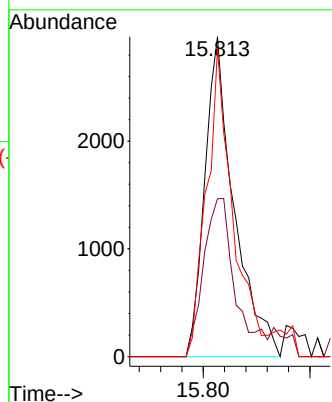
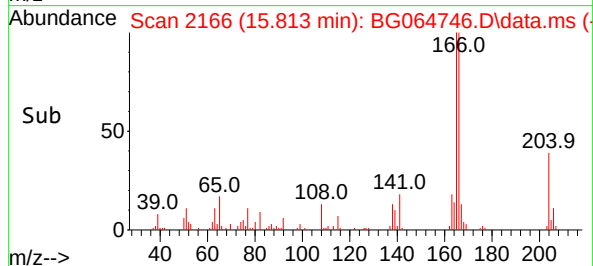
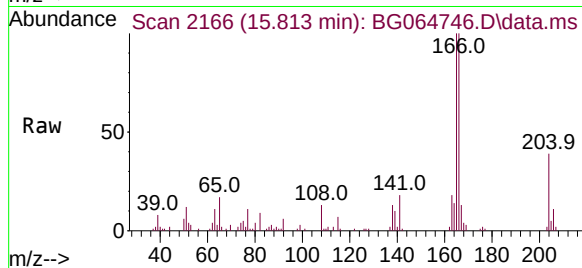
ClientSampleId :

SSTDICC005

Tgt Ion:	138	Resp:	5650
Ion Ratio	Lower	Upper	
138	100		
92	49.3	30.7	70.7
108	96.2	85.7	125.7

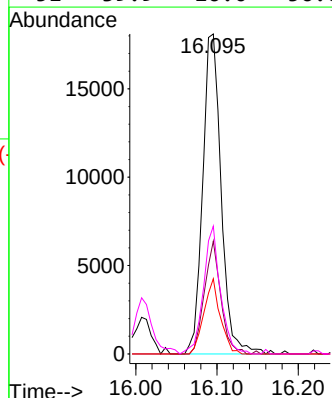
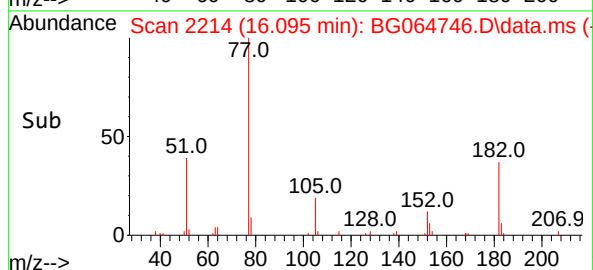
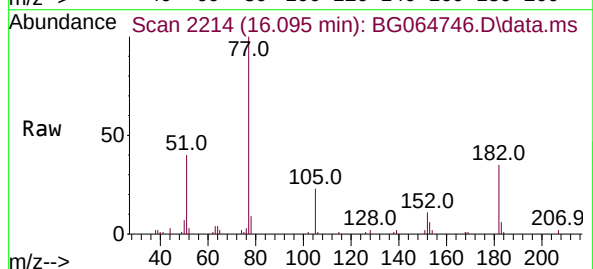
Manual Integrations
APPROVED

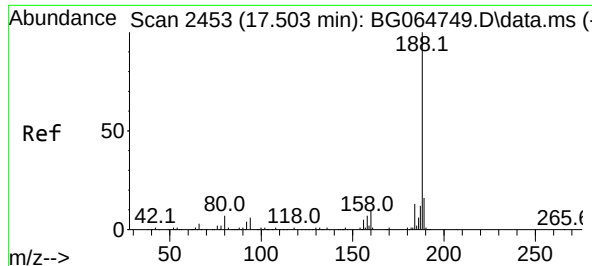
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#63
Azobenzene
Concen: 4.940 ng
RT: 16.095 min Scan# 2214
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

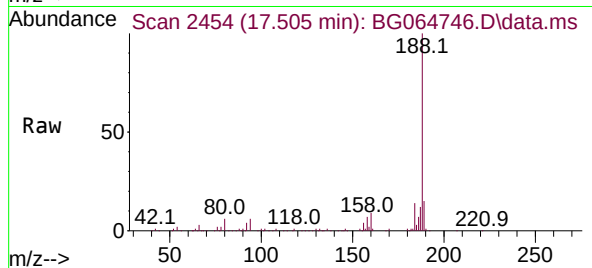
Tgt Ion:	77	Resp:	28653
Ion Ratio	Lower	Upper	
77	100		
182	35.2	8.1	48.1
105	23.5	0.1	40.1
51	39.9	16.0	56.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.505 min Scan# 2453
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

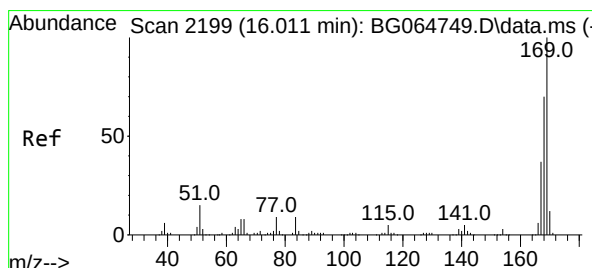
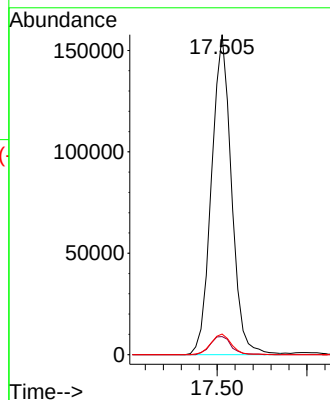
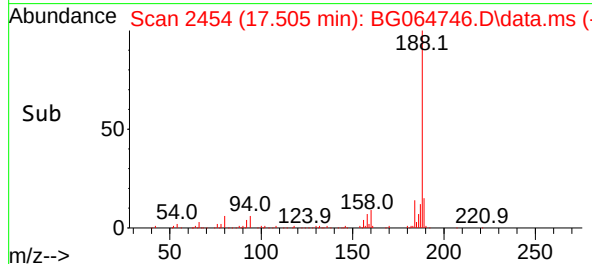
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



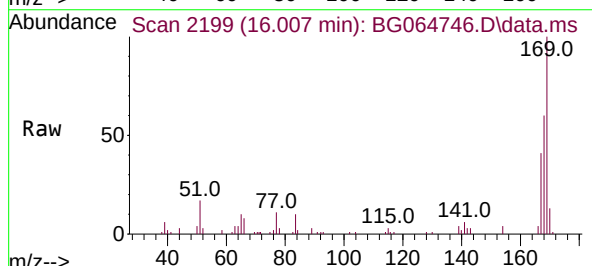
Tgt Ion:188 Resp: 243880
Ion Ratio Lower Upper
188 100
94 5.6 4.7 7.1
80 6.4 5.4 8.2

Manual Integrations
APPROVED

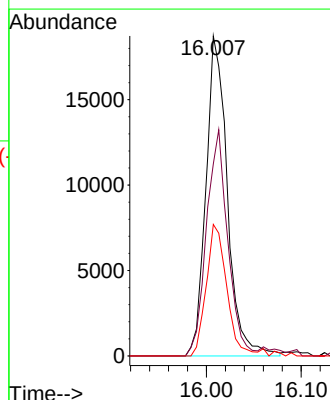
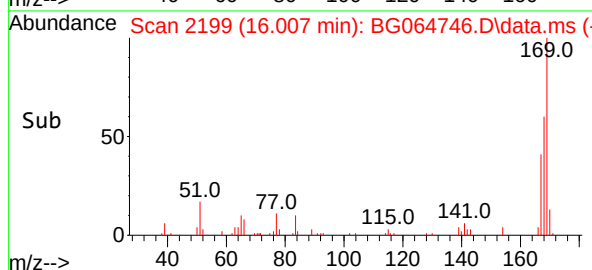
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

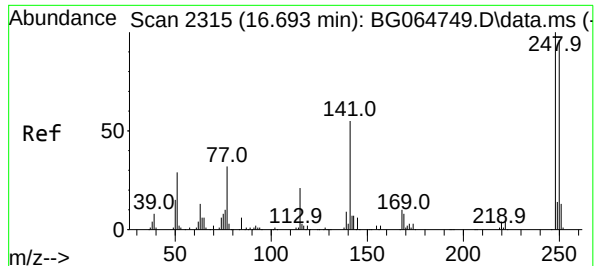


#66
n-Nitrosodiphenylamine
Concen: 4.609 ng
RT: 16.007 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



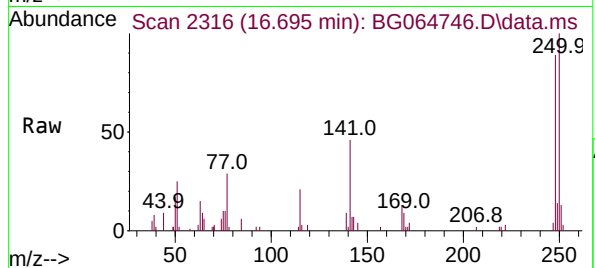
Tgt Ion:169 Resp: 29441
Ion Ratio Lower Upper
169 100
168 60.0 55.9 83.9
167 41.1 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 4.597 ng
RT: 16.695 min Scan# 2315
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

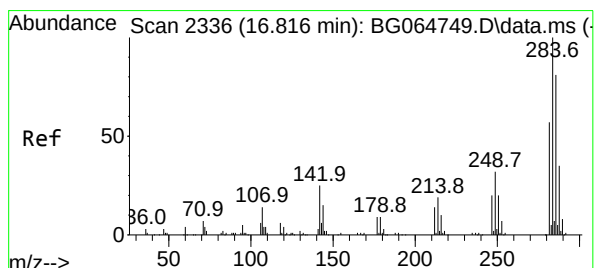
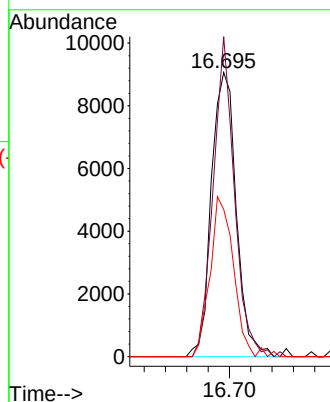
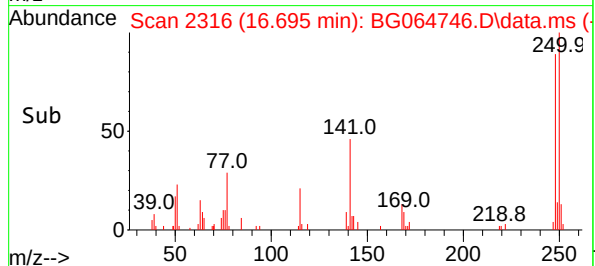
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



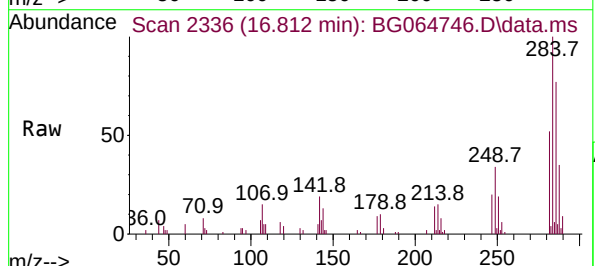
Tgt Ion:248 Resp: 14722
Ion Ratio Lower Upper
248 100
250 112.7 77.0 115.6
141 51.8 43.7 65.5

Manual Integrations
APPROVED

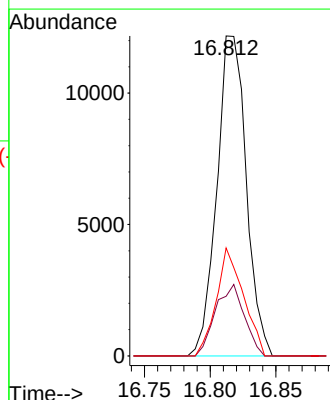
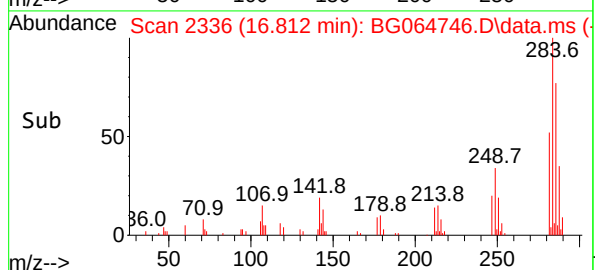
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

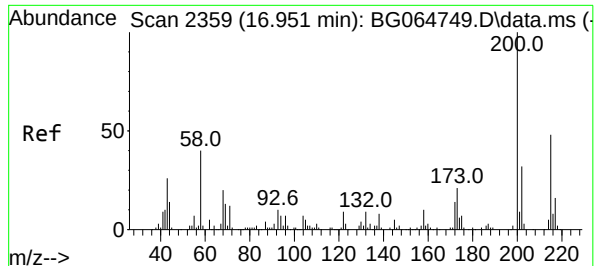


#68
Hexachlorobenzene
Concen: 4.900 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



Tgt Ion:284 Resp: 19015
Ion Ratio Lower Upper
284 100
142 18.6 19.7 29.5#
249 36.3 28.1 42.1





#69

Atrazine

Concen: 4.849 ng

RT: 16.947 min Scan# 2359

Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

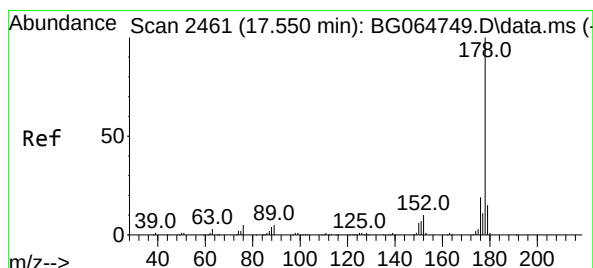
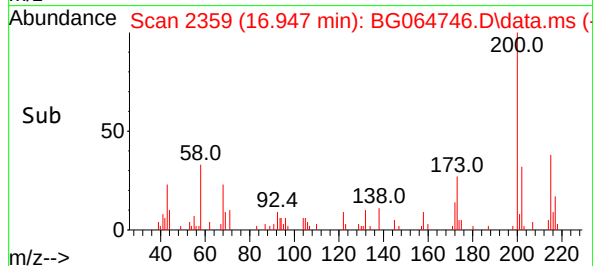
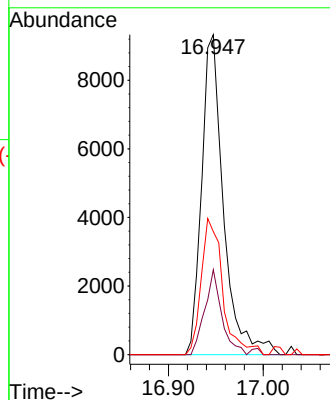
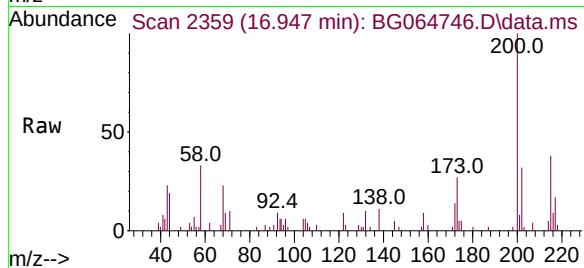
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	0.9	40.9
215	38.4	27.5	67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#71

Phenanthrene

Concen: 4.913 ng

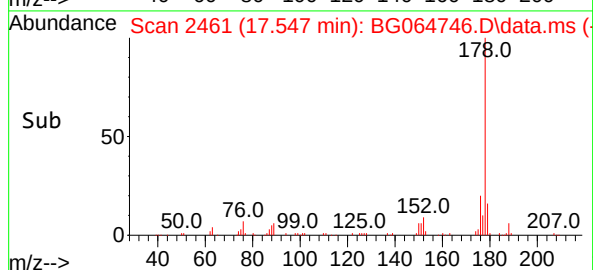
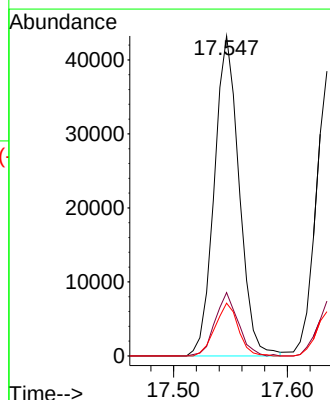
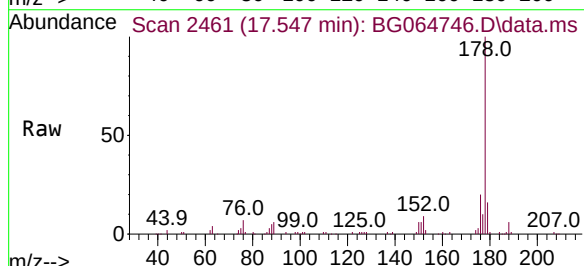
RT: 17.547 min Scan# 2461

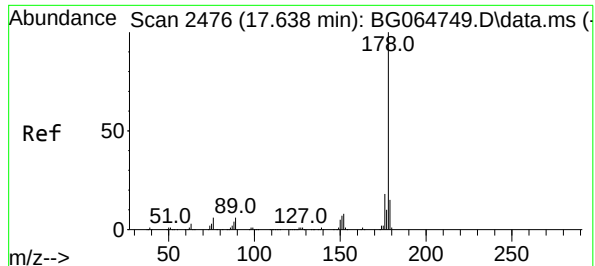
Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

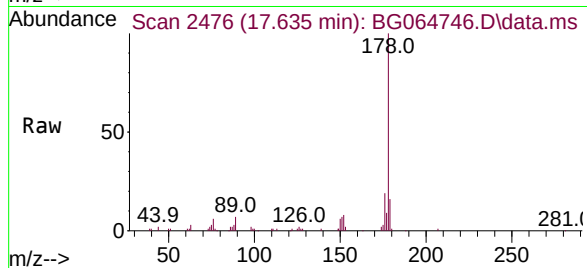
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.8	22.2
179	16.5	12.2	18.4





#72
Anthracene
Concen: 4.919 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

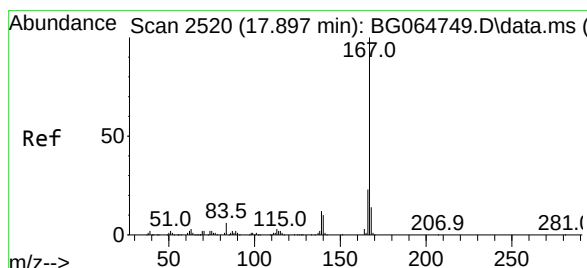
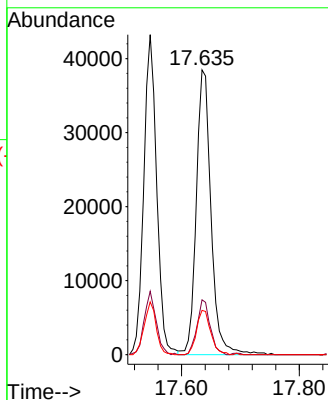
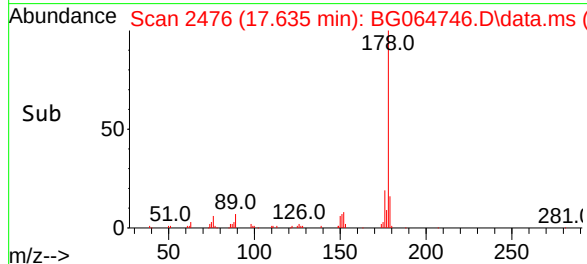
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



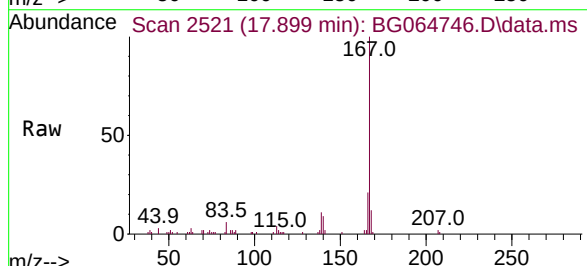
Tgt Ion:178 Resp: 66926
Ion Ratio Lower Upper
178 100
176 19.2 14.5 21.7
179 15.5 12.2 18.4

Manual Integrations
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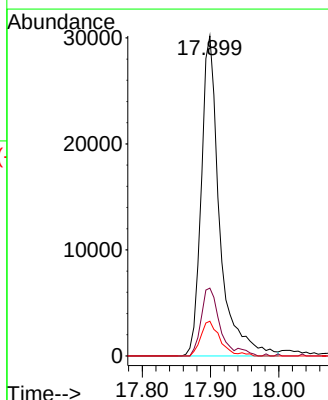
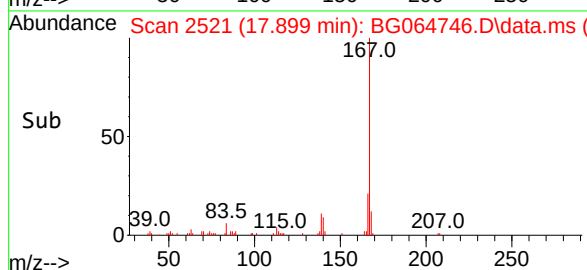
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

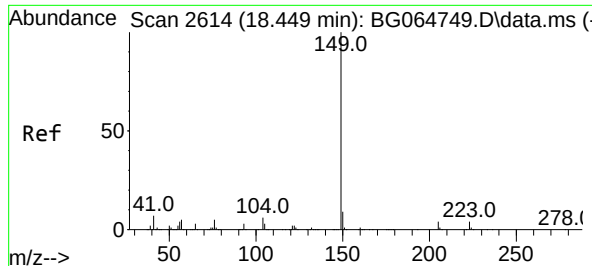


#73
Carbazole
Concen: 4.826 ng
RT: 17.899 min Scan# 2521
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



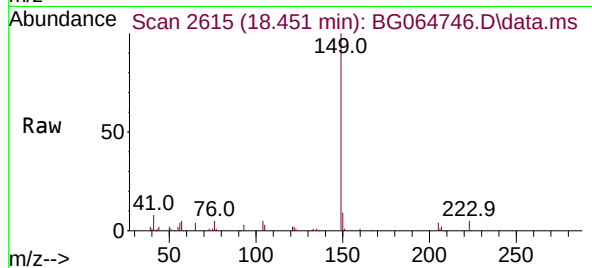
Tgt Ion:167 Resp: 56453
Ion Ratio Lower Upper
167 100
166 21.2 18.0 27.0
139 10.8 9.7 14.5





#74
Di-n-butylphthalate
Concen: 4.661 ng
RT: 18.451 min Scan# 2615
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

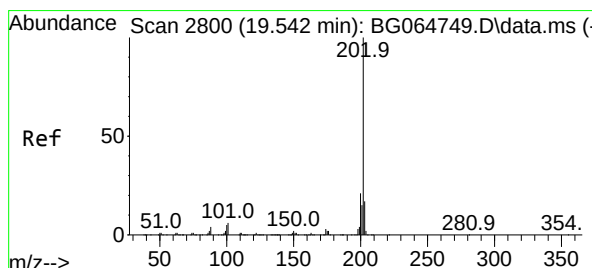
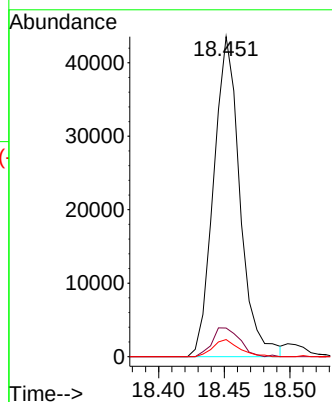
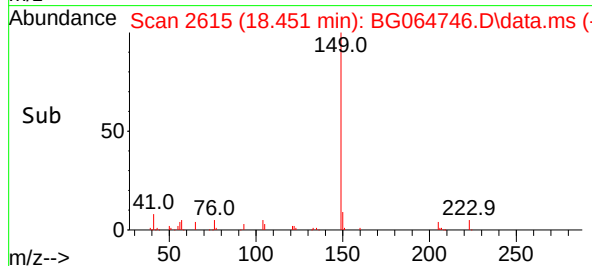
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 60823
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 5.3 4.4 6.6

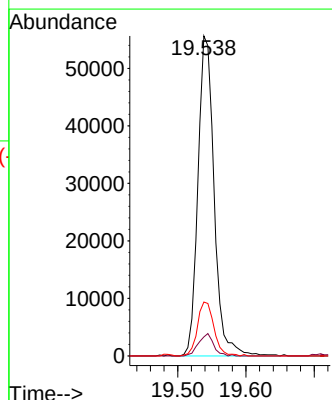
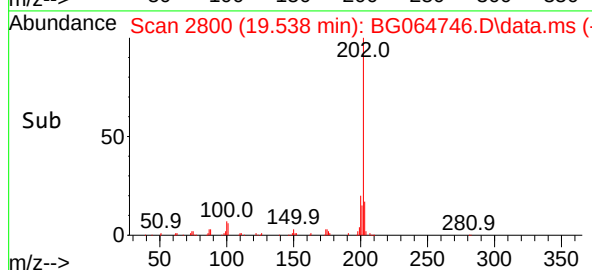
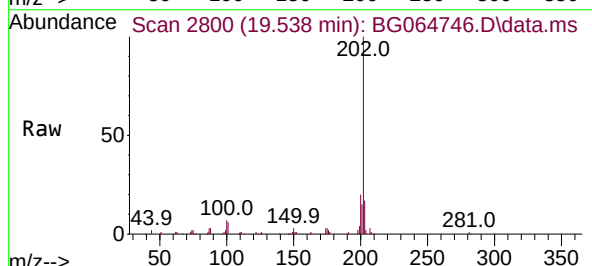
Manual Integrations
APPROVED

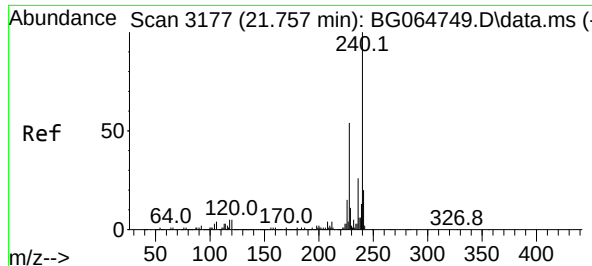
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#75
Fluoranthene
Concen: 5.039 ng
RT: 19.538 min Scan# 2800
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:202 Resp: 91935
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.4
203 16.8 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.753 min Scan# 3177

Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

SSTDIC005

Tgt Ion:240 Resp: 367769

Ion Ratio Lower Upper

240 100

120 5.6 4.2 6.4

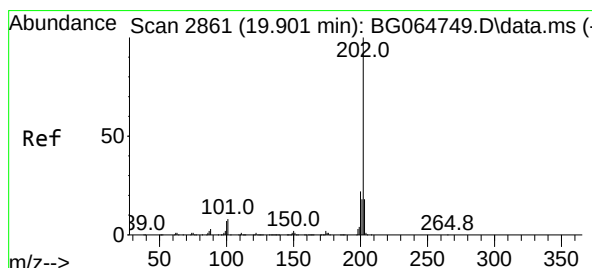
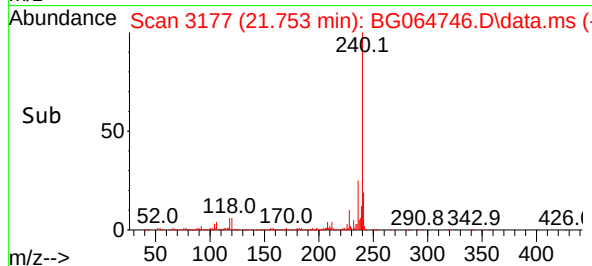
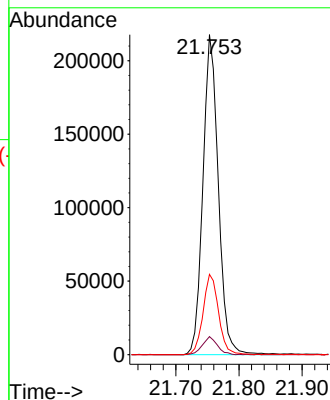
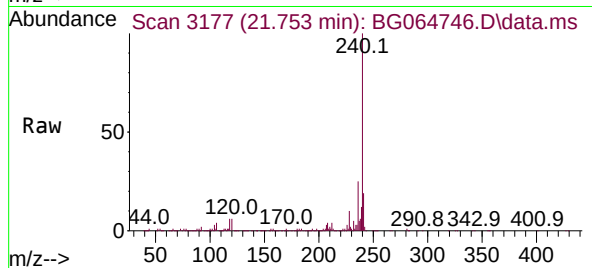
236 25.1 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#78

Pyrene

Concen: 4.798 ng

RT: 19.903 min Scan# 2862

Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

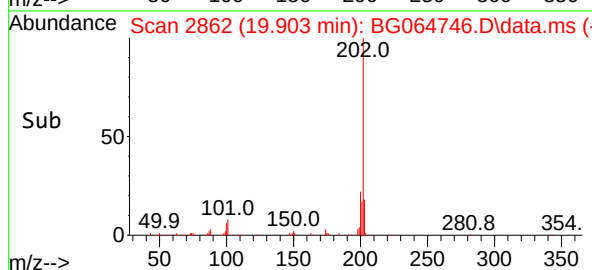
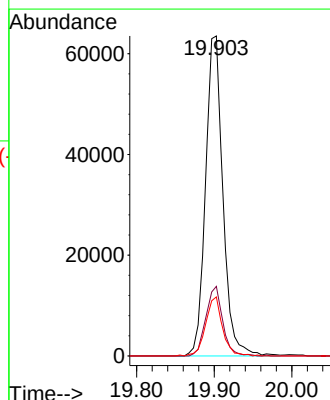
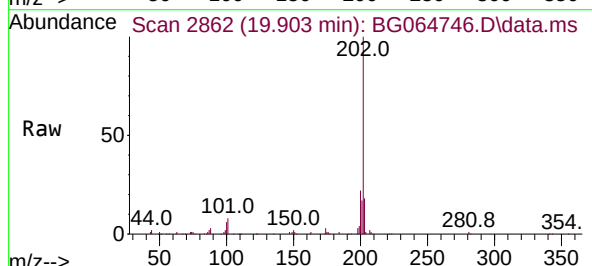
Tgt Ion:202 Resp: 98904

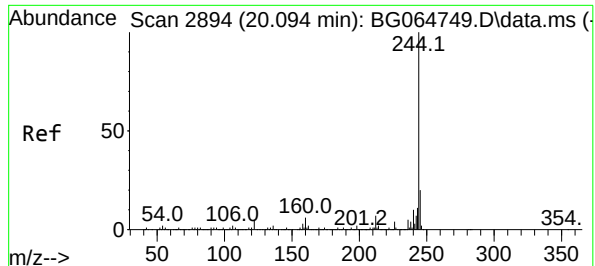
Ion Ratio Lower Upper

202 100

200 21.7 17.9 26.9

203 18.4 14.0 21.0





#79

Terphenyl-d14

Concen: 10.008 ng

RT: 20.091 min Scan# 2894

Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Tgt Ion:244 Resp: 187118

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

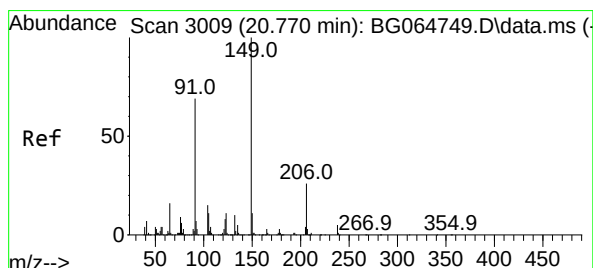
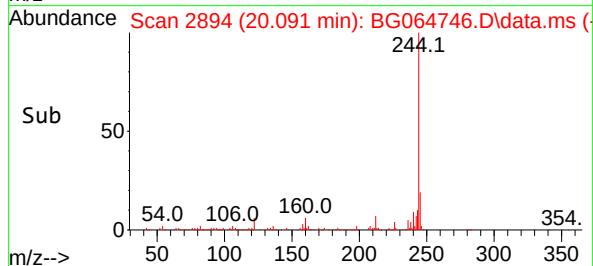
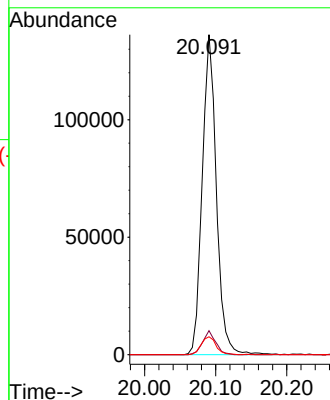
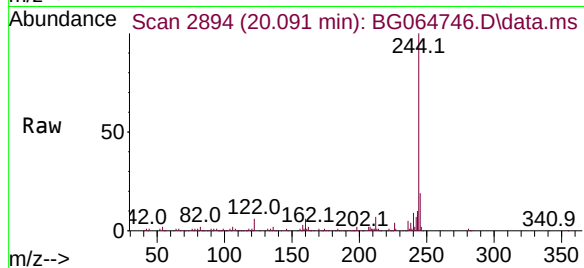
122 5.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#80

Butylbenzylphthalate

Concen: 4.775 ng

RT: 20.772 min Scan# 3010

Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

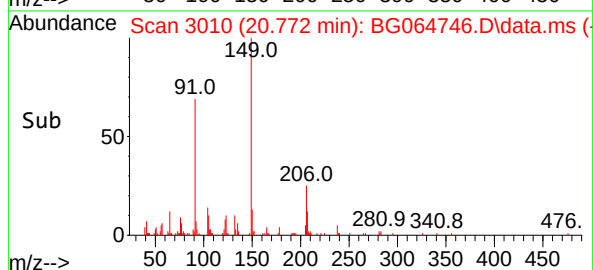
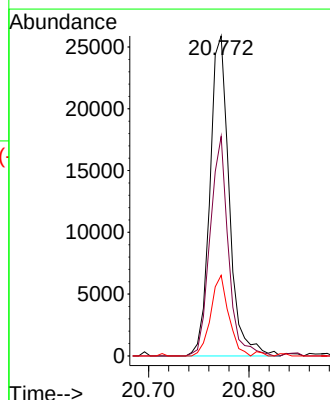
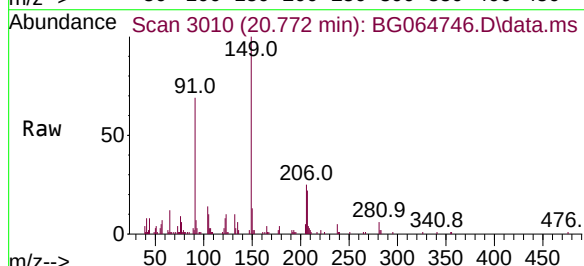
Tgt Ion:149 Resp: 34617

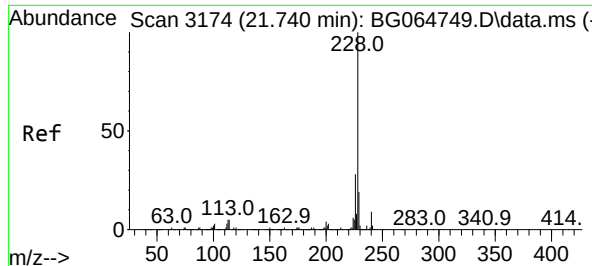
Ion Ratio Lower Upper

149 100

91 68.6 54.9 82.3

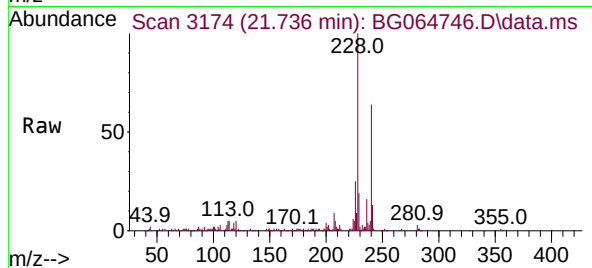
206 25.2 21.2 31.8





#81
Benzo(a)anthracene
Concen: 4.919 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

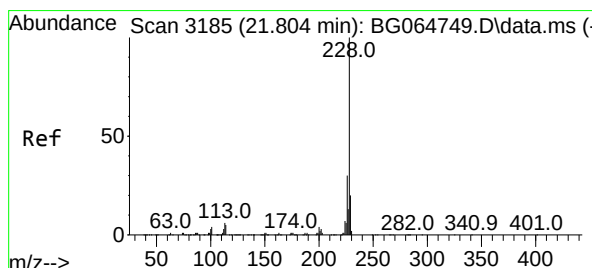
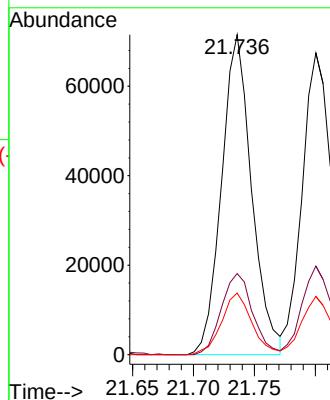
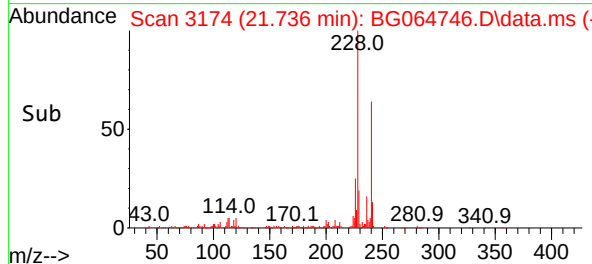
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 123005
Ion Ratio Lower Upper
228 100
226 25.3 22.1 33.1
229 19.2 15.5 23.3

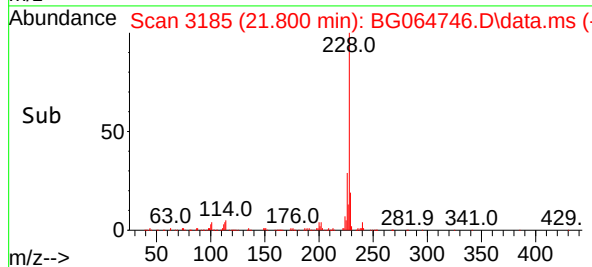
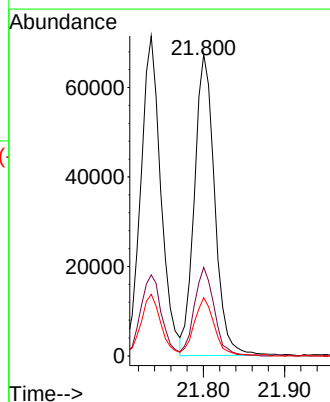
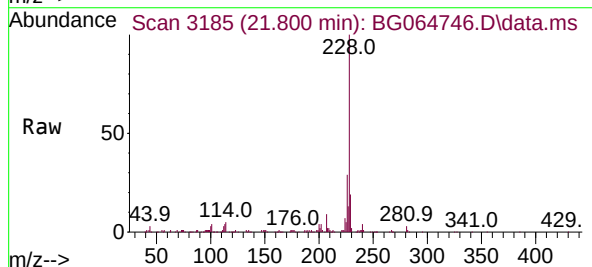
Manual Integrations
APPROVED

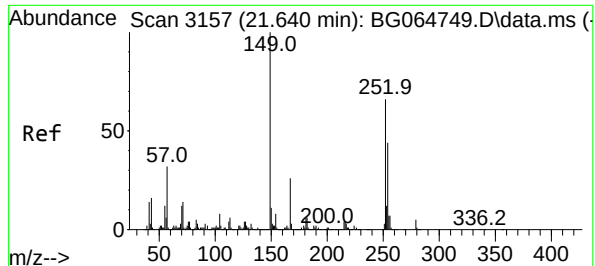
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#83
Chrysene
Concen: 4.937 ng
RT: 21.800 min Scan# 3185
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:228 Resp: 116400
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.2
229 19.3 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.050 ng
RT: 21.636 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

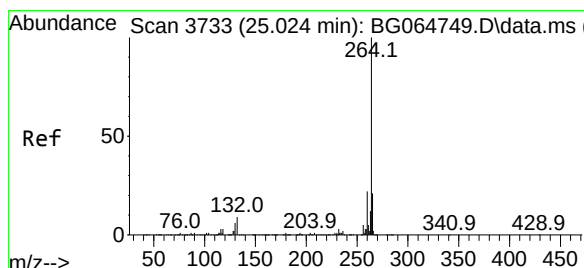
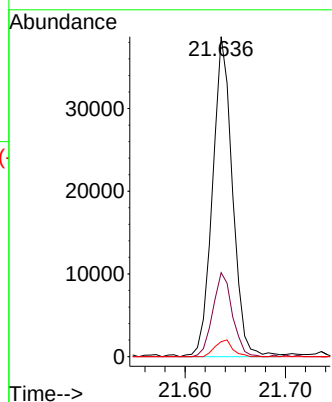
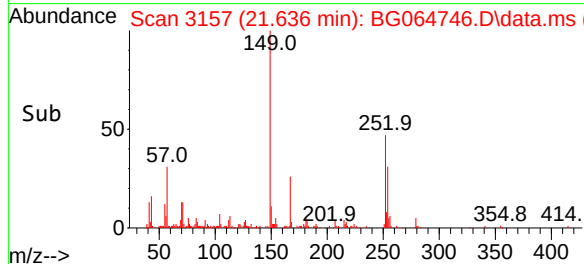
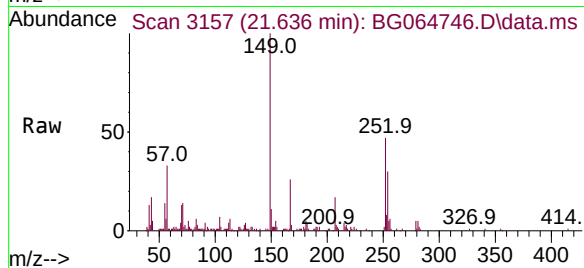
ClientSampleId :

SSTDICC005

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	4.7	4.1	6.1

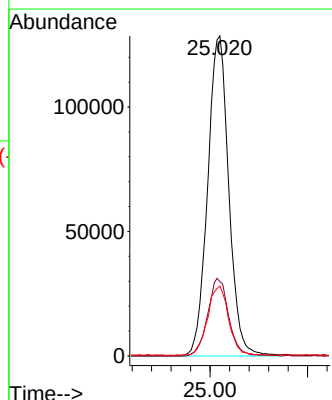
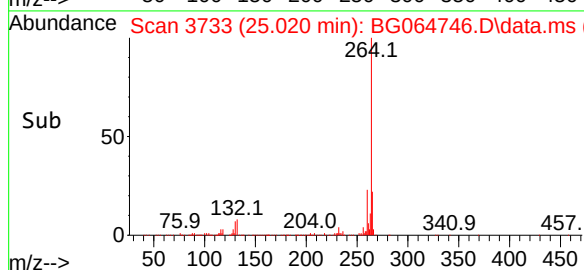
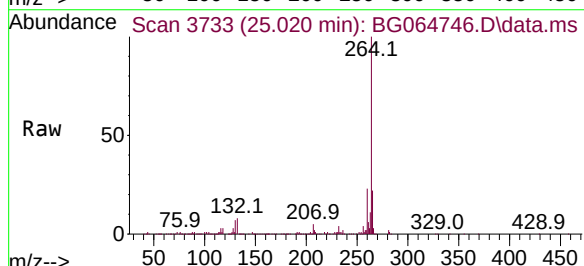
Manual Integrations
APPROVED

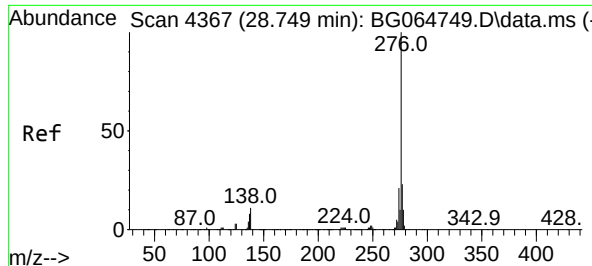
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.020 min Scan# 3733
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

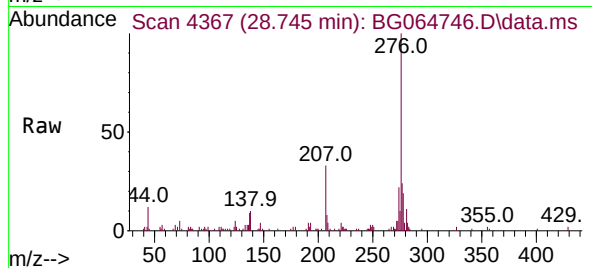
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.2	25.8
265	21.8	16.6	25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.593 ng
RT: 28.745 min Scan# 4367
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

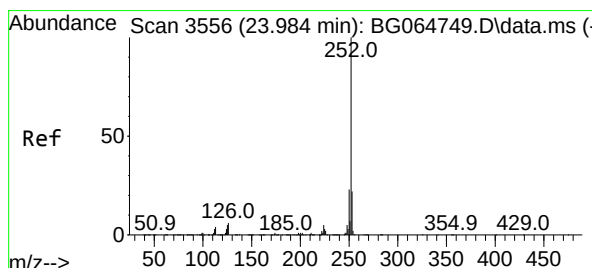
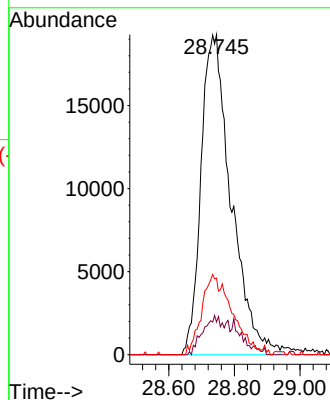
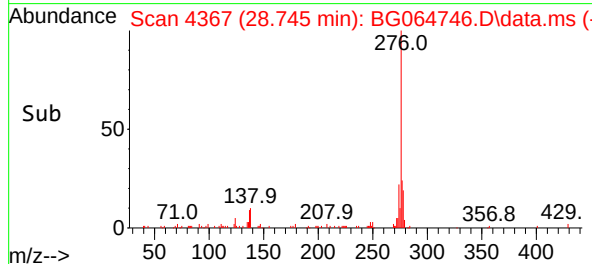
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion: 276 Resp: 122095
Ion Ratio Lower Upper
276 100
138 7.8 4.5 6.7
277 25.3 20.0 30.0

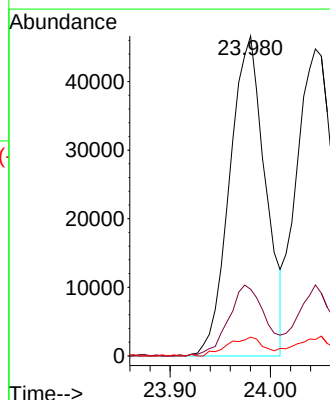
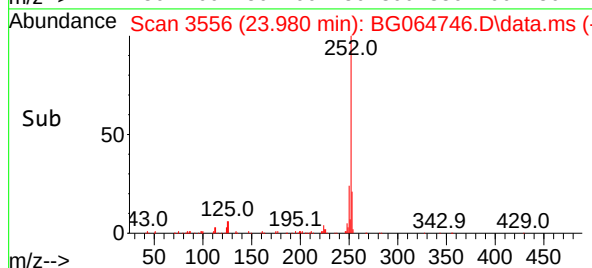
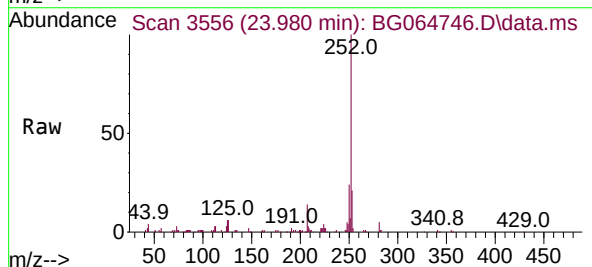
Manual Integrations
APPROVED

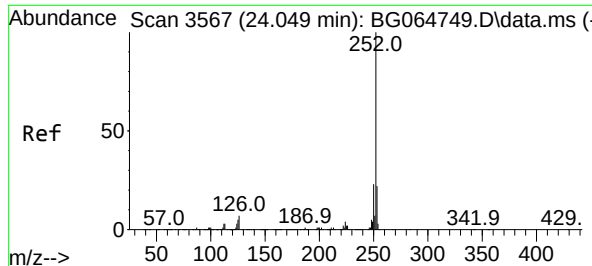
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#88
Benzo(b)fluoranthene
Concen: 4.673 ng
RT: 23.980 min Scan# 3556
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion: 252 Resp: 115075
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.2
125 5.9 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 4.867 ng

RT: 24.045 min Scan# 3567

Delta R.T. -0.004 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

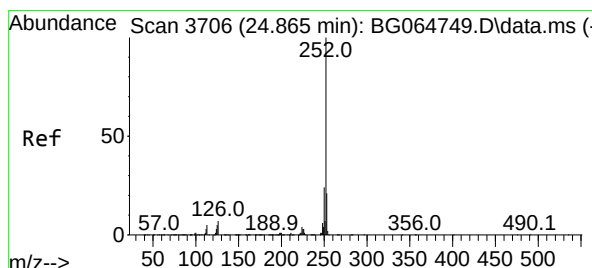
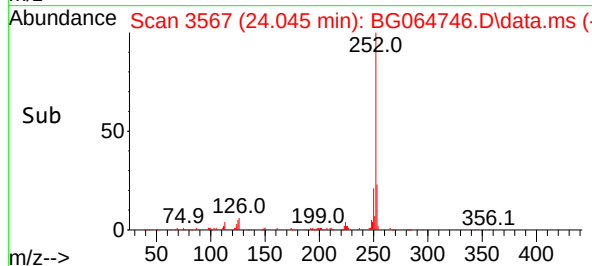
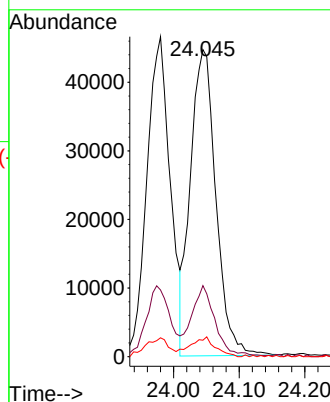
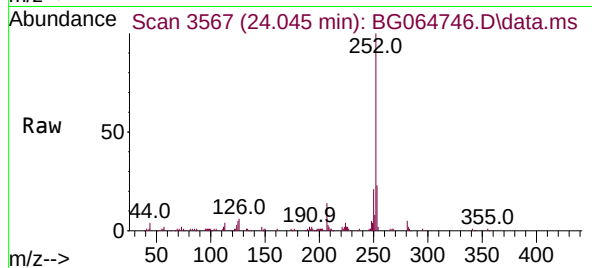
SSTDICC005

Tgt Ion:252	Resp:	12041
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.8 26.8
125	5.4	4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 4.788 ng

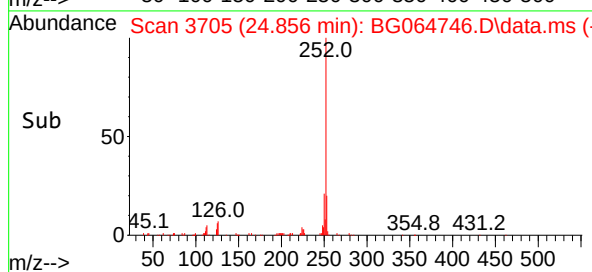
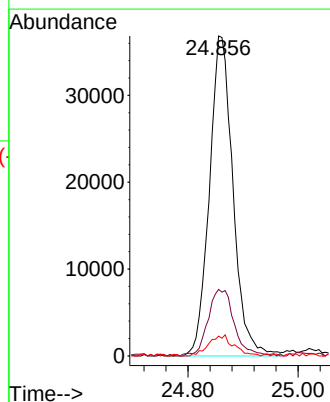
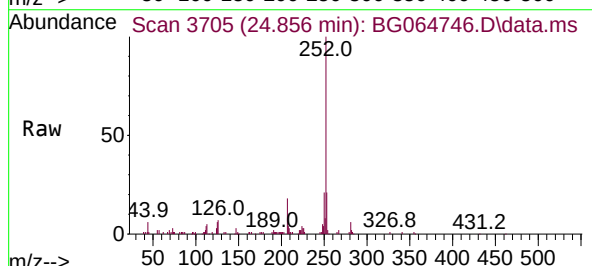
RT: 24.856 min Scan# 3705

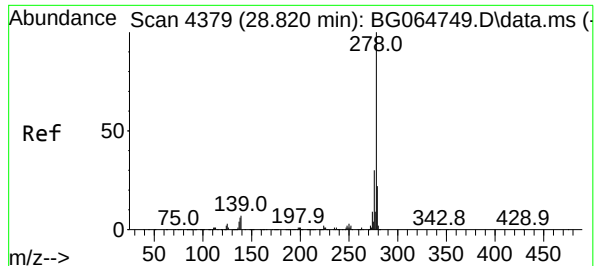
Delta R.T. -0.010 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Tgt Ion:252	Resp:	109366
Ion Ratio	Lower	Upper
252	100	
253	20.8	16.9 25.3
125	6.2	4.2 6.4





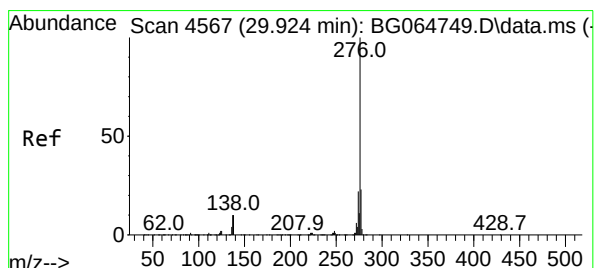
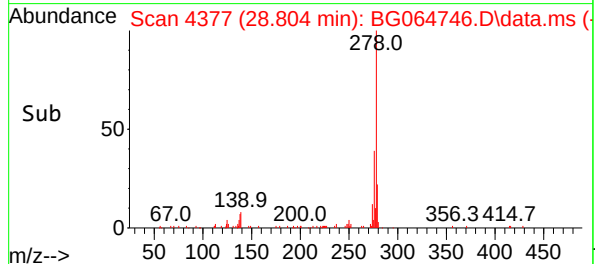
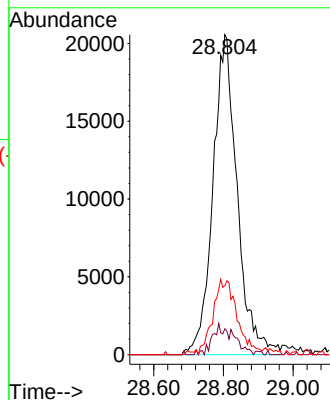
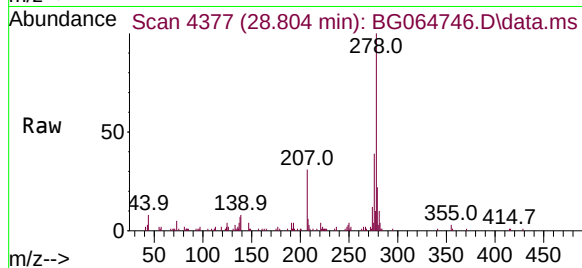
#91
Dibenzo(a,h)anthracene
Concen: 4.556 ng
RT: 28.804 min Scan# 4379
Delta R.T. -0.016 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 9921
Ion Ratio Lower Upper
278 100
139 8.1 5.8 8.8
279 21.5 17.3 25.9

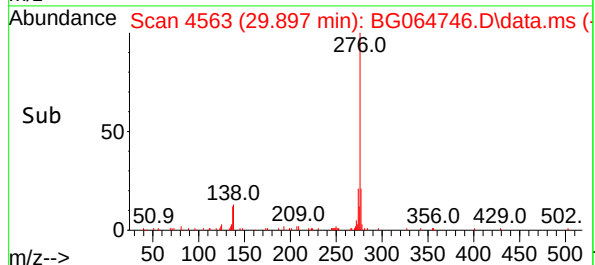
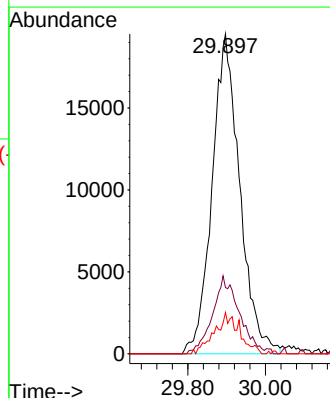
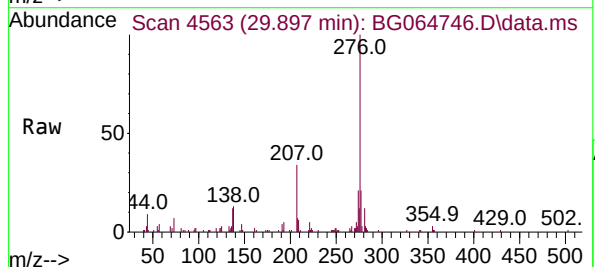
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 4.615 ng
RT: 29.897 min Scan# 4563
Delta R.T. -0.027 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Tgt Ion:276 Resp: 96719
Ion Ratio Lower Upper
276 100
277 20.7 18.0 27.0
138 12.9 8.2 12.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064747.D
 Acq On : 12 Nov 2025 12:39
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:55:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	28063	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	110132	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	90796	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	239033	20.000	ng	0.00
76) Chrysene-d12	21.754	240	366018	20.000	ng	0.00
86) Perylene-d12	25.021	264	382667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	31652	19.695	ng	0.00
7) Phenol-d6	7.307	99	41135	19.245	ng	0.00
23) Nitrobenzene-d5	9.328	82	41577	18.666	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	34875	19.694	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	131226	20.167	ng	0.00
79) Terphenyl-d14	20.092	244	376175	20.217	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.529	88	6388	10.268	ng	97
3) Pyridine	3.946	79	18201	9.819	ng	92
4) n-Nitrosodimethylamine	3.852	42	9221	9.773	ng	# 98
6) Aniline	7.477	93	28080	9.856	ng	98
8) 2-Chlorophenol	7.730	128	17126	9.705	ng	94
9) Benzaldehyde	7.295	77	14410	10.299	ng	96
10) Phenol	7.330	94	22227	9.557	ng	94
11) bis(2-Chloroethyl)ether	7.571	93	16009	9.674	ng	96
12) 1,3-Dichlorobenzene	8.059	146	19968	9.834	ng	98
13) 1,4-Dichlorobenzene	8.206	146	20506	9.918	ng	98
14) 1,2-Dichlorobenzene	8.523	146	19237	9.596	ng	96
15) Benzyl Alcohol	8.394	79	14805	8.438	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.687	45	39228	10.014	ng	96
17) 2-Methylphenol	8.599	107	16118	9.795	ng	97
18) Hexachloroethane	9.263	117	7708	9.843	ng	98
19) n-Nitroso-di-n-propyla...	8.969	70	14240	9.853	ng	94
20) 3+4-Methylphenols	8.928	107	20773	9.215	ng	97
22) Acetophenone	8.987	105	29535	9.843	ng	93
24) Nitrobenzene	9.369	77	21900	9.730	ng	99
25) Isophorone	9.898	82	41875	9.872	ng	96
26) 2-Nitrophenol	10.086	139	9640	9.523	ng	95
27) 2,4-Dimethylphenol	10.139	122	16597	9.228	ng	93
28) bis(2-Chloroethoxy)met...	10.368	93	23070	9.907	ng	97
29) 2,4-Dichlorophenol	10.626	162	18228	9.440	ng	98
30) 1,2,4-Trichlorobenzene	10.844	180	22952	9.844	ng	99
31) Naphthalene	11.032	128	64016	10.254	ng	98
32) Benzoic acid	10.233	122	7448m	10.914	ng	
33) 4-Chloroaniline	11.132	127	24891	9.967	ng	97
34) Hexachlorobutadiene	11.325	225	19432	9.713	ng	97
35) Caprolactam	11.878	113	4958	8.592	ng	# 92
36) 4-Chloro-3-methylphenol	12.236	107	21366	9.942	ng	95
37) 2-Methylnaphthalene	12.624	142	46349	9.921	ng	97
38) 1-Methylnaphthalene	12.841	142	46327m	9.982	ng	
40) 1,2,4,5-Tetrachloroben...	12.988	216	33859	9.582	ng	96
41) Hexachlorocyclopentadiene	12.971	237	21693	8.565	ng	91
43) 2,4,6-Trichlorophenol	13.217	196	19600	9.451	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064747.D
 Acq On : 12 Nov 2025 12:39
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:55:23 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

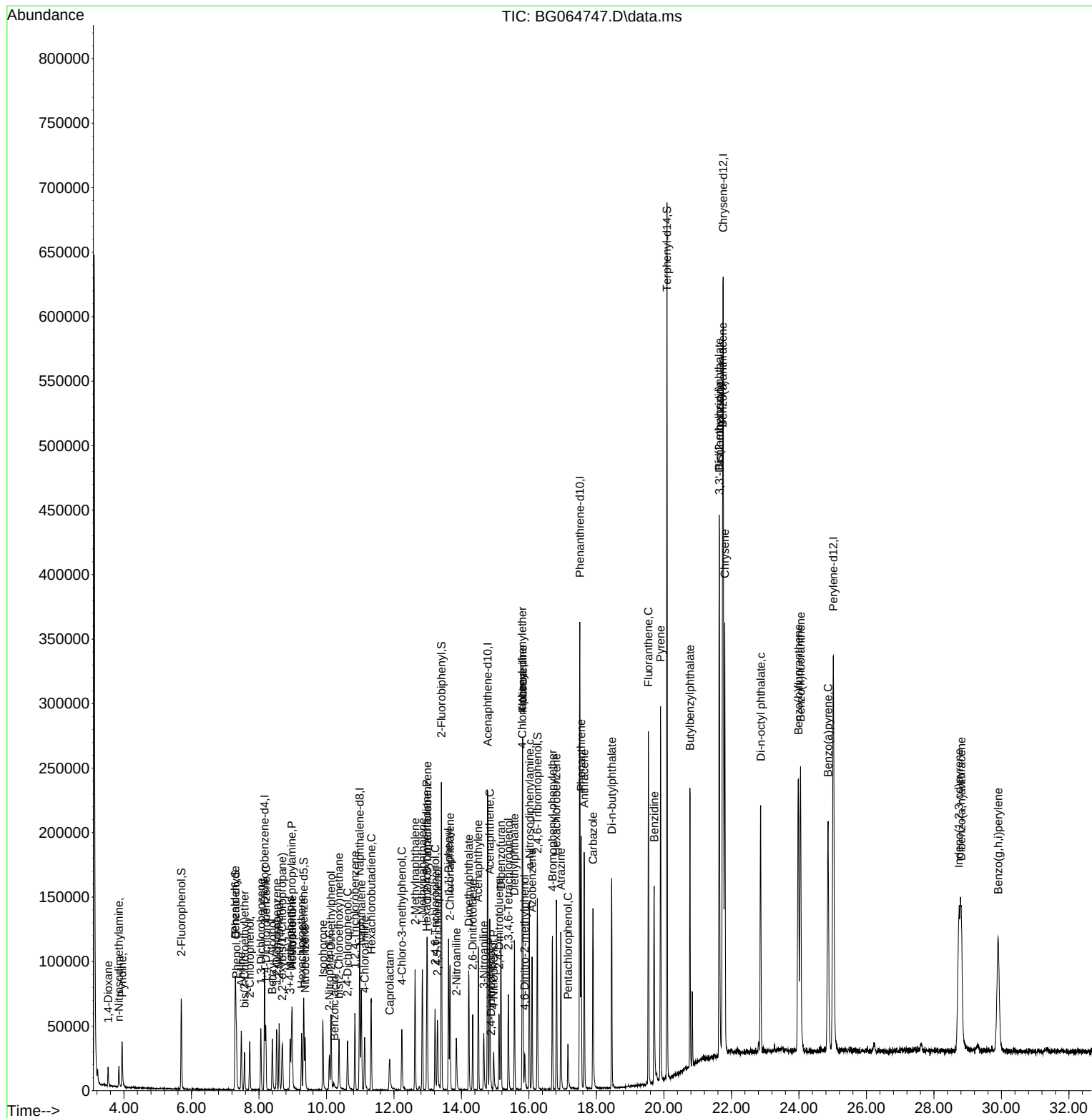
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	20868	8.972	ng	93
46) 1,1'-Biphenyl	13.617	154	64329	9.864	ng	97
47) 2-Chloronaphthalene	13.664	162	50487	9.827	ng	98
48) 2-Nitroaniline	13.852	65	15648	9.469	ng	87
49) Acenaphthylene	14.498	152	87532	9.973	ng	99
50) Dimethylphthalate	14.216	163	71209	9.928	ng	97
51) 2,6-Dinitrotoluene	14.334	165	12760	9.246	ng	92
52) Acenaphthene	14.839	154	50131	9.526	ng	98
53) 3-Nitroaniline	14.663	138	12586	9.240	ng	87
54) 2,4-Dinitrophenol	14.874	184	2717	11.149	ng	# 84
55) Dibenzofuran	15.168	168	90369	10.387	ng	97
56) 4-Nitrophenol	14.951	139	8225	7.611	ng	# 83
57) 2,4-Dinitrotoluene	15.115	165	19317	9.336	ng	95
58) Fluorene	15.814	166	71244	10.441	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.391	232	21790	9.495	ng	# 97
60) Diethylphthalate	15.568	149	69072	10.053	ng	97
61) 4-Chlorophenyl-phenyle...	15.803	204	42098	10.280	ng	98
62) 4-Nitroaniline	15.814	138	13078	9.268	ng	95
63) Azobenzene	16.090	77	58632	10.260	ng	98
65) 4,6-Dinitro-2-methylph...	15.873	198	8710	6.563	ng	92
66) n-Nitrosodiphenylamine	16.014	169	63405	10.127	ng	96
67) 4-Bromophenyl-phenylether	16.696	248	31456	10.021	ng	96
68) Hexachlorobenzene	16.813	284	37251	9.795	ng	93
69) Atrazine	16.948	200	30006	9.940	ng	96
70) Pentachlorophenol	17.154	266	10561	10.475	ng	95
71) Phenanthrene	17.548	178	133643	10.219	ng	99
72) Anthracene	17.636	178	134138	10.059	ng	99
73) Carbazole	17.900	167	117923	10.286	ng	99
74) Di-n-butylphthalate	18.452	149	132248	10.340	ng	99
75) Fluoranthene	19.539	202	186154	10.409	ng	99
77) Benzidine	19.710	184	123305	11.249	ng	96
78) Pyrene	19.898	202	199370	9.719	ng	97
80) Butylbenzylphthalate	20.773	149	71488	9.908	ng	95
81) Benzo(a)anthracene	21.737	228	250849	10.079	ng	99
82) 3,3'-Dichlorobenzidine	21.643	252	91769	10.018	ng	100
83) Chrysene	21.801	228	236517	10.080	ng	99
84) Bis(2-ethylhexyl)phtha...	21.637	149	106405	10.092	ng	97
85) Di-n-octyl phthalate	22.865	149	181658	9.967	ng	99
87) Indeno(1,2,3-cd)pyrene	28.740	276	253326	9.636	ng	# 98
88) Benzo(b)fluoranthene	23.981	252	239260	9.825	ng	99
89) Benzo(k)fluoranthene	24.046	252	248008	10.137	ng	100
90) Benzo(a)pyrene	24.863	252	224991	9.960	ng	98
91) Dibenzo(a,h)anthracene	28.805	278	208966	9.702	ng	# 96
92) Benzo(g,h,i)perylene	29.904	276	199793	9.639	ng	# 96

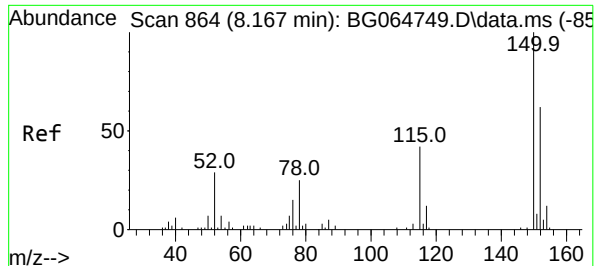
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations

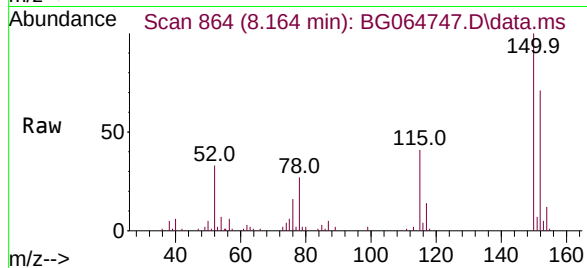
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 864
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

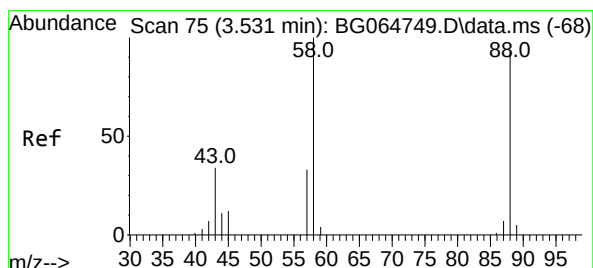
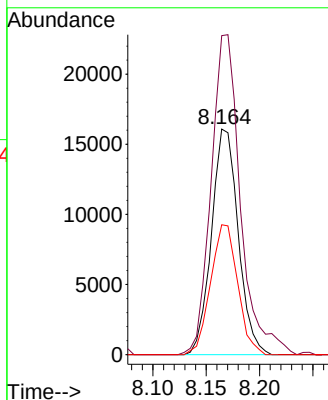
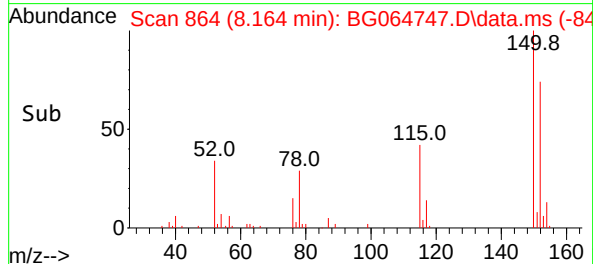
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion: 152 Resp: 28063
Ion Ratio Lower Upper
152 100
150 141.4 129.2 193.8
115 57.5 53.7 80.5

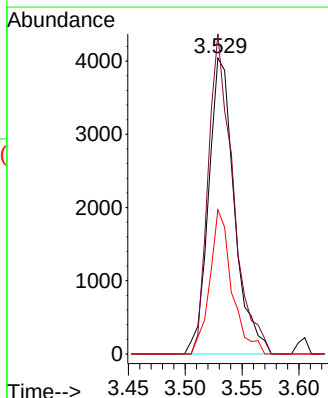
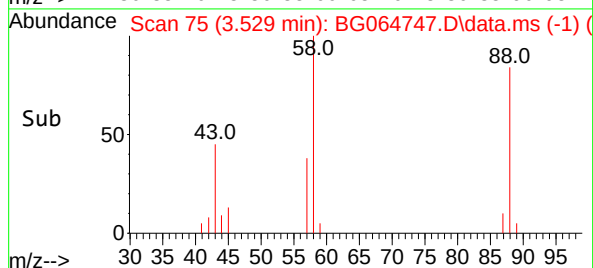
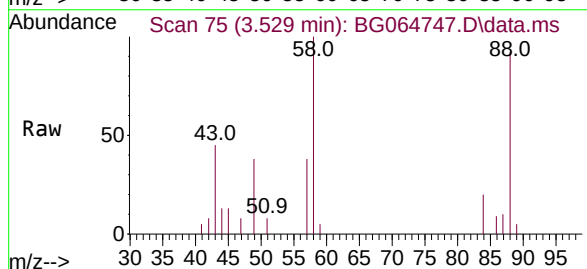
Manual Integrations
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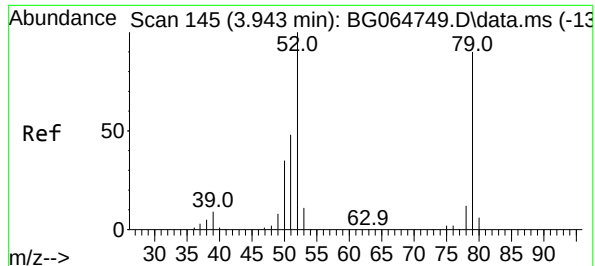
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 10.268 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion: 88 Resp: 6388
Ion Ratio Lower Upper
88 100
58 103.7 84.6 126.8
43 41.7 30.0 45.0





#3

Pyridine

Concen: 9.819 ng

RT: 3.946 min Scan# 14

Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

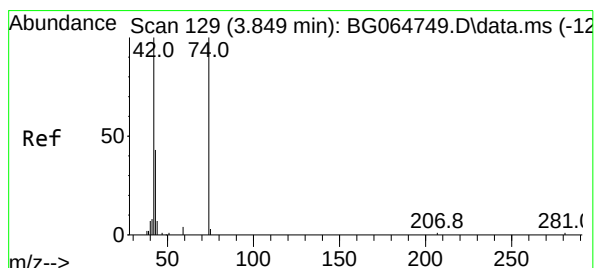
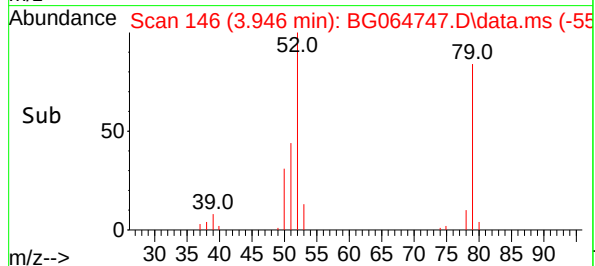
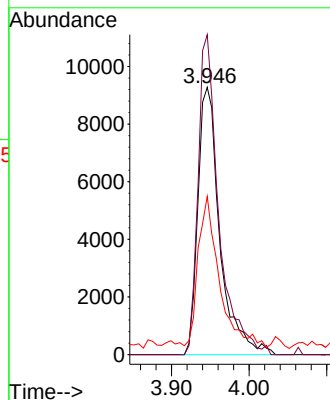
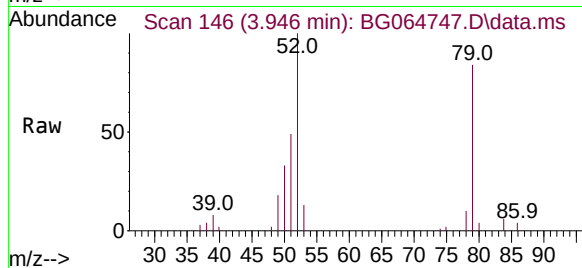
ClientSampleId :

SSTDICC010

Tgt Ion:	79	Resp:	1820
Ion	Ratio	Lower	Upper
79	100		
52	119.7	89.0	133.4
51	59.2	43.4	65.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4

n-Nitrosodimethylamine

Concen: 9.773 ng

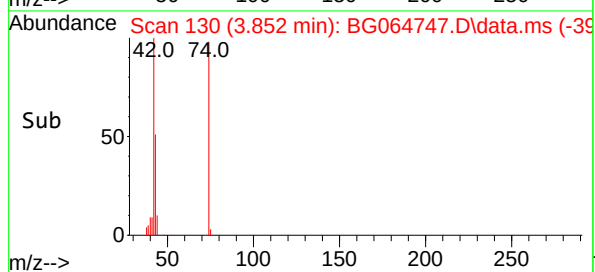
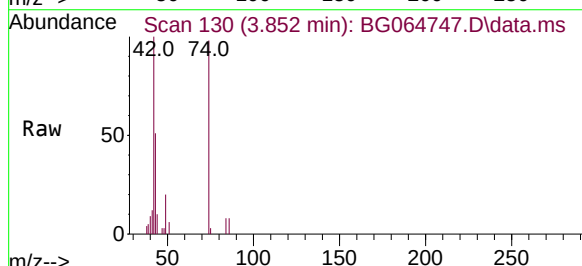
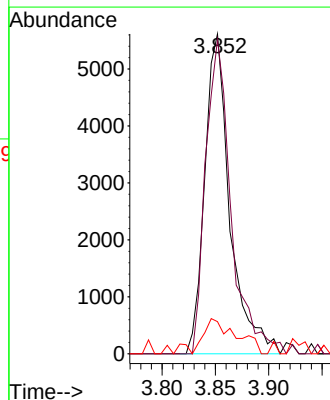
RT: 3.852 min Scan# 130

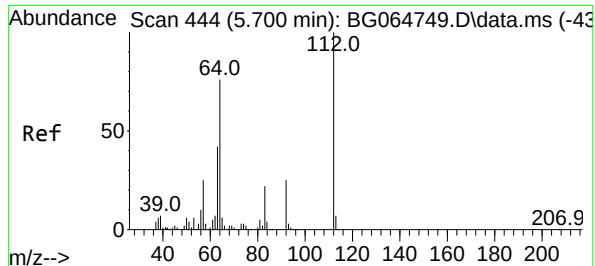
Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:	42	Resp:	9221
Ion	Ratio	Lower	Upper
42	100		
74	98.3	79.8	119.6
44	10.1	5.9	8.9





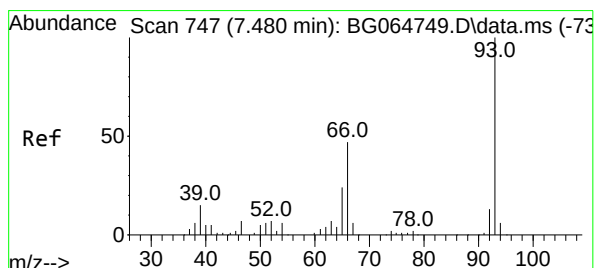
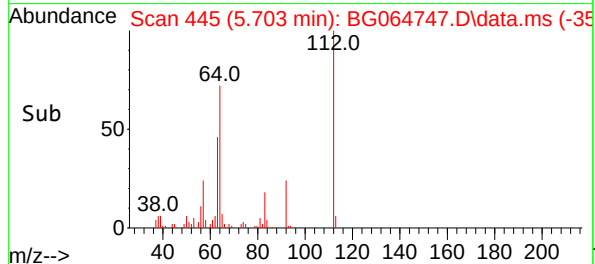
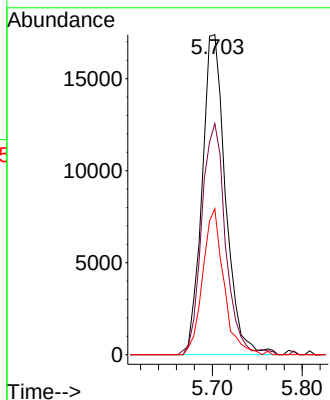
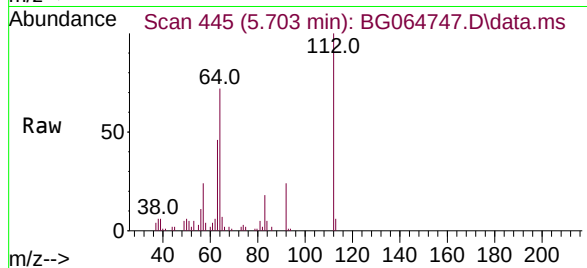
#5
2-Fluorophenol
Concen: 19.695 ng
RT: 5.703 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	61.0	91.4
63	45.6	33.3	49.9

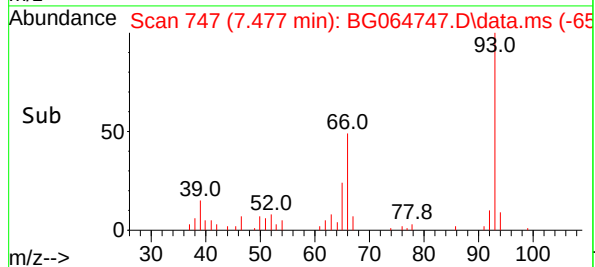
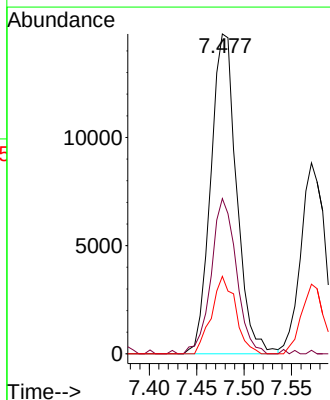
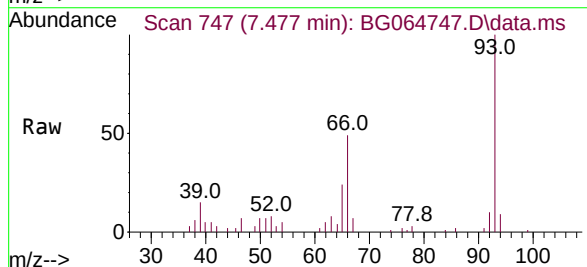
Manual Integrations
APPROVED

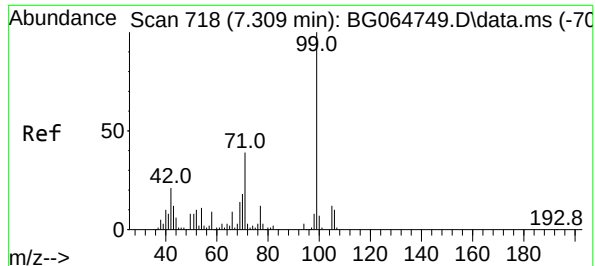
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 9.856 ng
RT: 7.477 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	48.5	37.7	56.5
65	24.2	19.1	28.7





#7

Phenol-d6

Concen: 19.245 ng

RT: 7.307 min Scan# 718

Delta R.T. -0.003 min

Lab File: BG064747.D

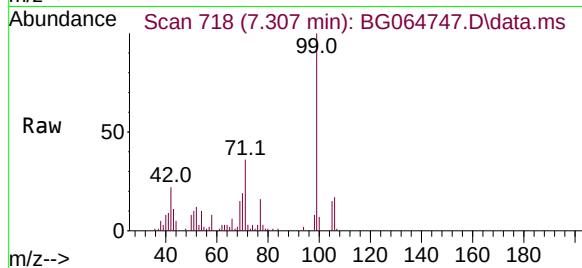
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

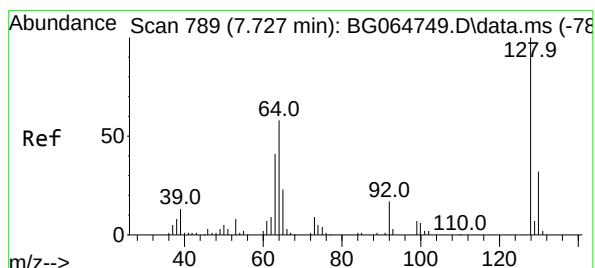
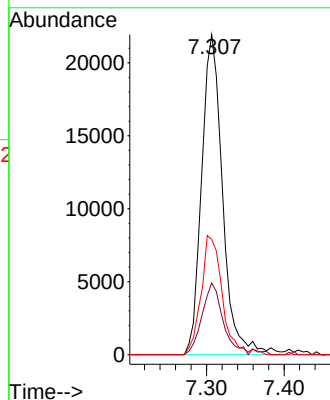
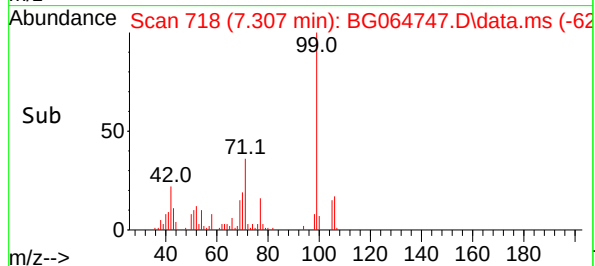
SSTDICC010



Tgt Ion:	99	Resp:	41135
Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.8	25.2
71	36.0	31.1	46.7

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#8

2-Chlorophenol

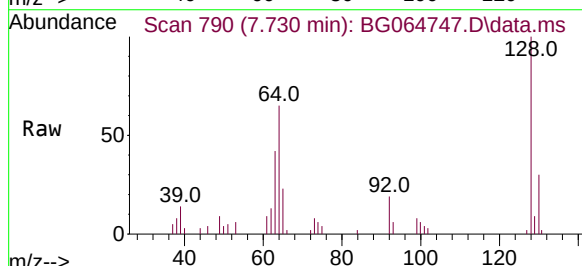
Concen: 9.705 ng

RT: 7.730 min Scan# 790

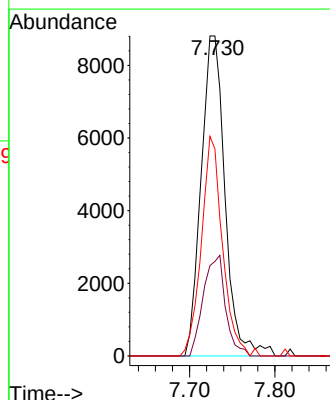
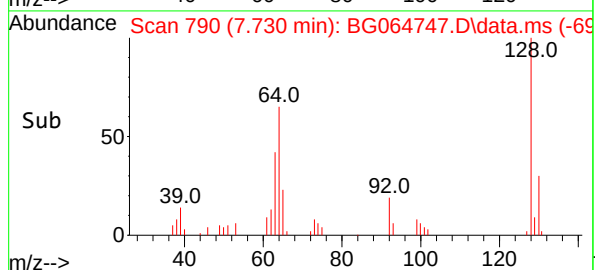
Delta R.T. 0.003 min

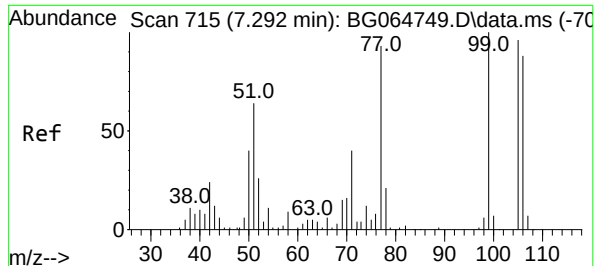
Lab File: BG064747.D

Acq: 12 Nov 2025 12:39



Tgt Ion:	128	Resp:	17126
Ion	Ratio	Lower	Upper
128	100		
130	31.3	11.9	51.9
64	64.7	38.4	78.4





#9

Benzaldehyde

Concen: 10.299 ng

RT: 7.295 min Scan# 716

Delta R.T. 0.003 min

Lab File: BG064747.D

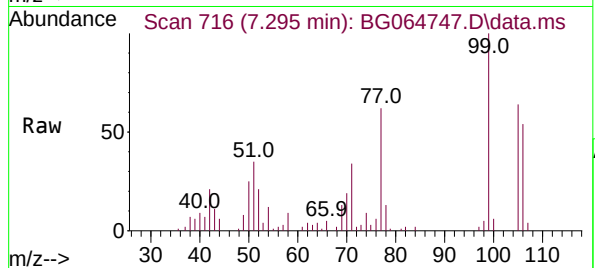
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

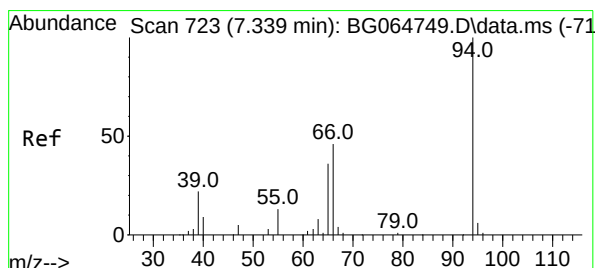
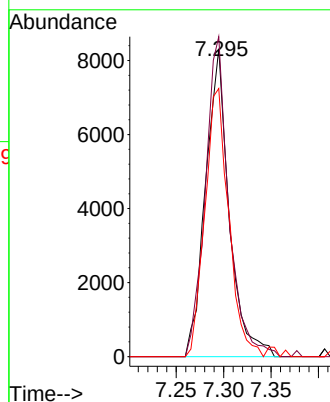
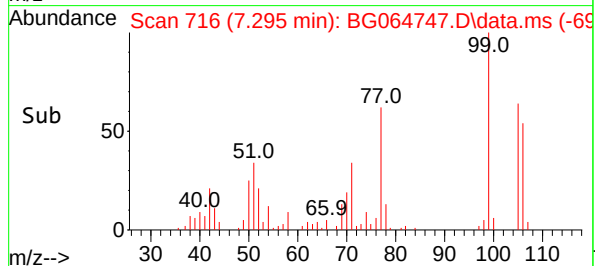
SSTDICC010



Tgt Ion:	77	Resp:	14410
Ion	Ratio	Lower	Upper
77	100		
105	104.0	83.8	123.8
106	87.1	74.3	114.3

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 9.557 ng

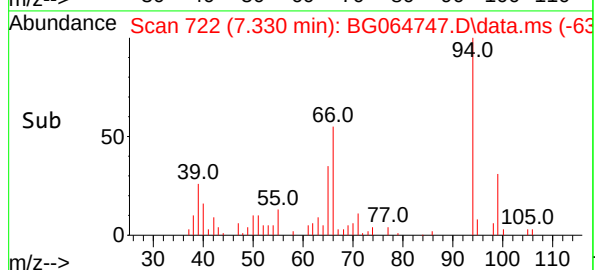
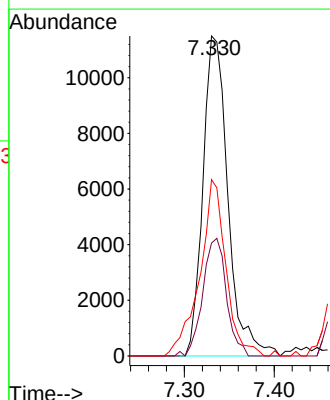
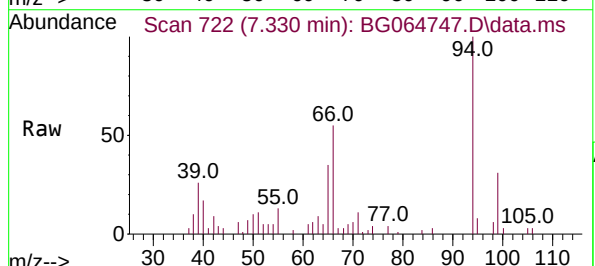
RT: 7.330 min Scan# 722

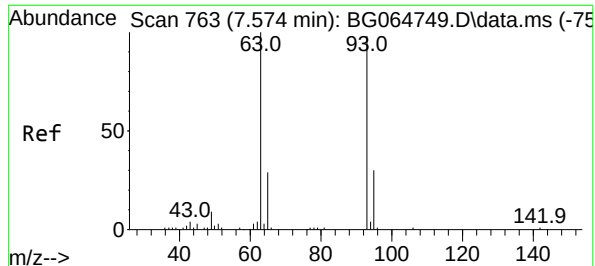
Delta R.T. -0.009 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:	94	Resp:	22227
Ion	Ratio	Lower	Upper
94	100		
65	35.3	17.0	57.0
66	55.1	29.8	69.8





#11

bis(2-Chloroethyl)ether

Concen: 9.674 ng

RT: 7.571 min Scan# 763

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 16009

Ion Ratio Lower Upper

93 100

63 100.0 81.8 121.8

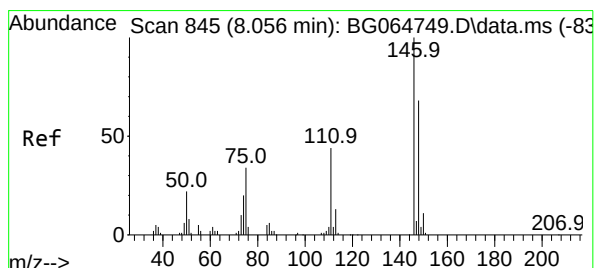
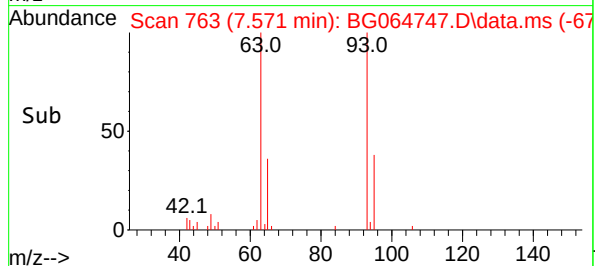
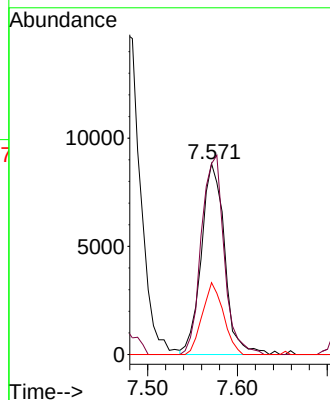
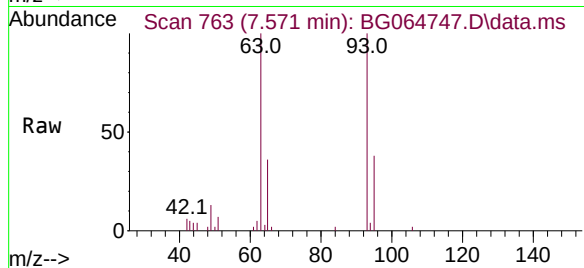
95 37.7 10.3 50.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 9.834 ng

RT: 8.059 min Scan# 846

Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

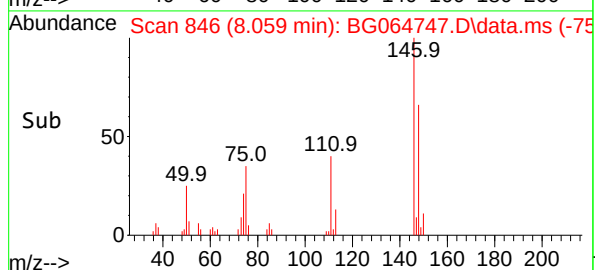
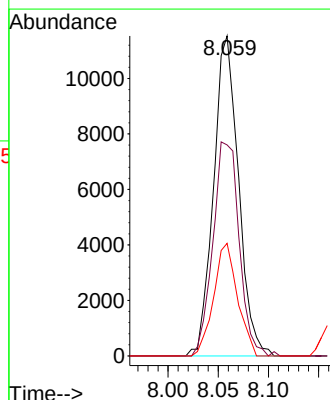
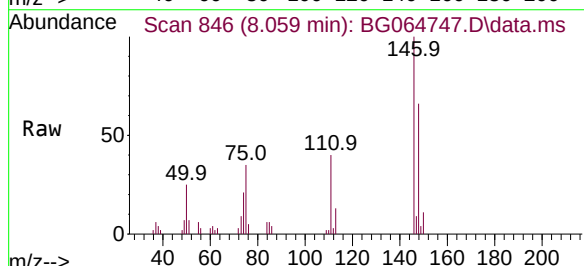
Tgt Ion:146 Resp: 19968

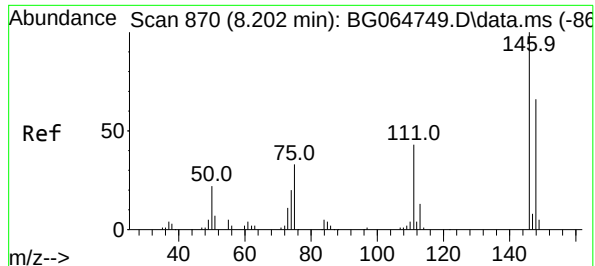
Ion Ratio Lower Upper

146 100

148 65.9 54.6 82.0

75 35.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 9.918 ng

RT: 8.206 min Scan# 870

Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 20506

Ion Ratio Lower Upper

146 100

148 65.8 53.1 79.7

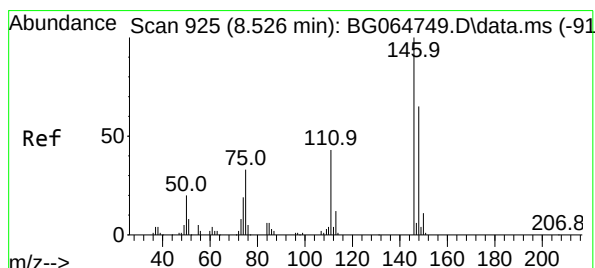
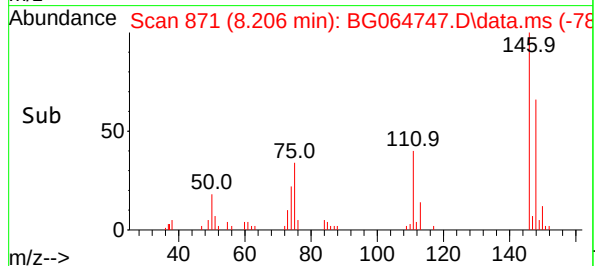
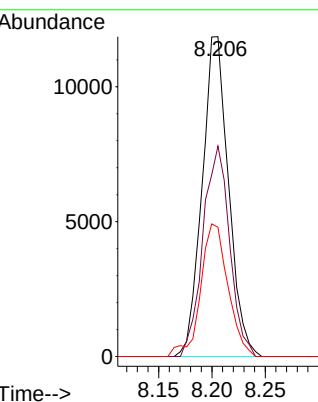
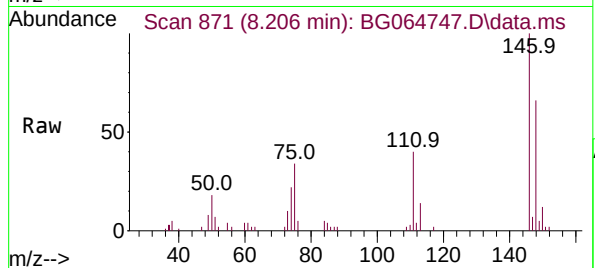
111 40.4 34.1 51.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 9.596 ng

RT: 8.523 min Scan# 925

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

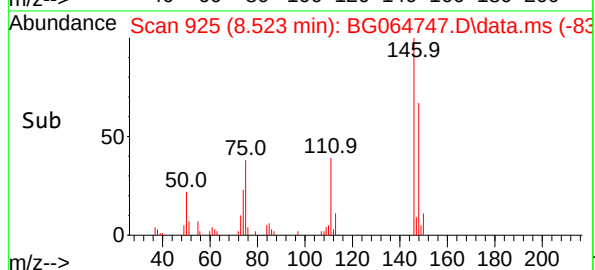
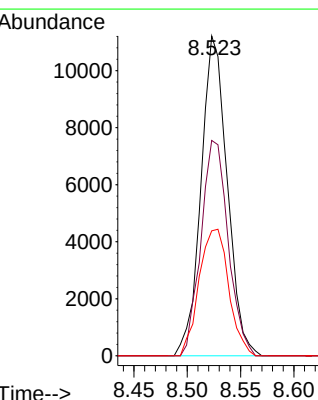
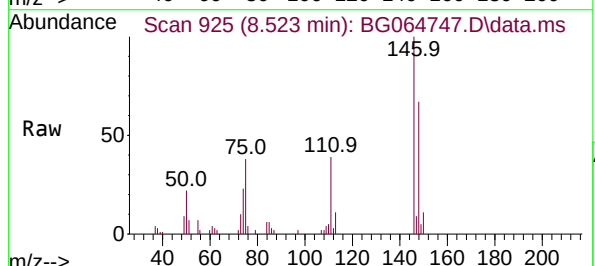
Tgt Ion:146 Resp: 19237

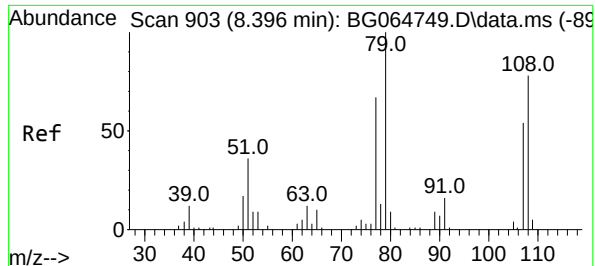
Ion Ratio Lower Upper

146 100

148 67.3 52.0 78.0

111 39.1 34.7 52.1





#15

Benzyl Alcohol

Concen: 8.438 ng

RT: 8.394 min Scan# 90

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

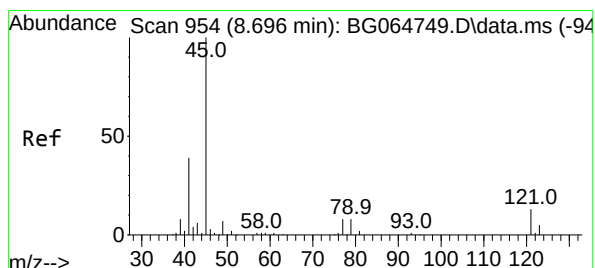
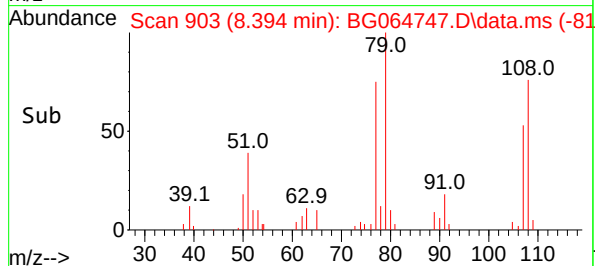
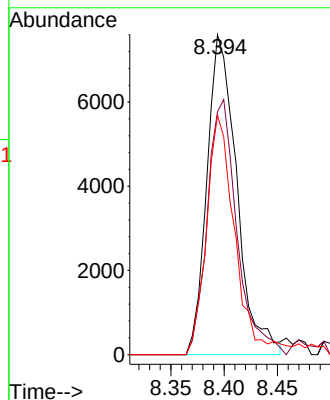
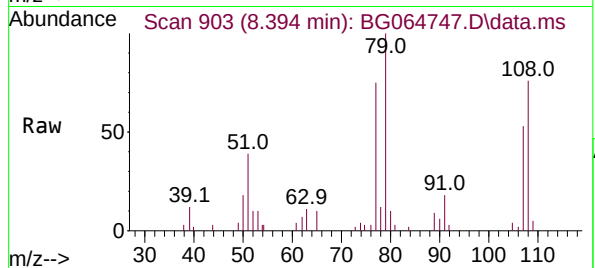
ClientSampleId :

SSTDICC010

Tgt Ion:	79	Resp:	1480
Ion	Ratio	Lower	Upper
79	100		
108	75.9	62.3	93.5
77	74.8	53.5	80.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.014 ng

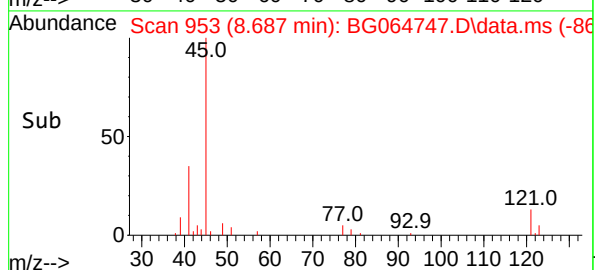
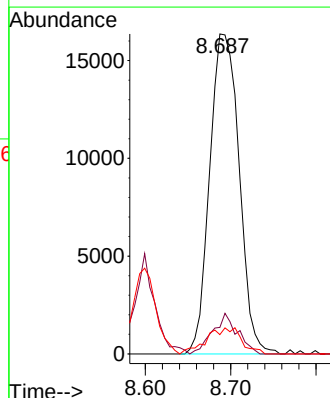
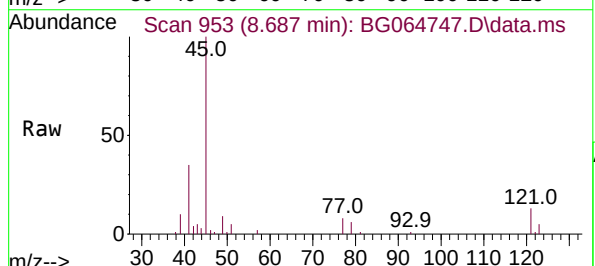
RT: 8.687 min Scan# 953

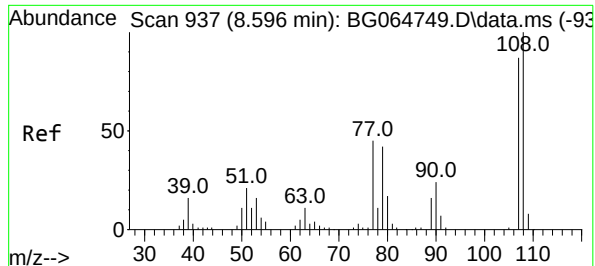
Delta R.T. -0.009 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:	45	Resp:	39228
Ion	Ratio	Lower	Upper
45	100		
77	8.3	0.0	28.8
79	6.0	0.0	28.1





#17

2-Methylphenol

Concen: 9.795 ng

RT: 8.599 min Scan# 937

Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 16118

Ion Ratio Lower Upper

107 100

108 115.0 92.6 138.8

77 58.7 41.2 61.8

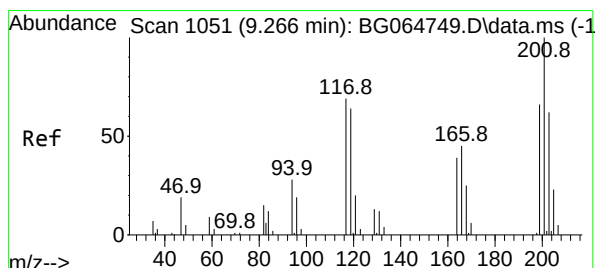
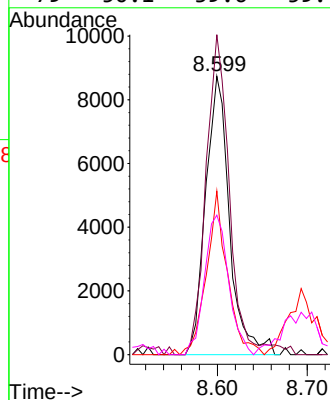
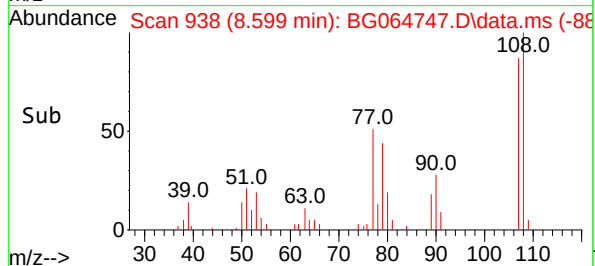
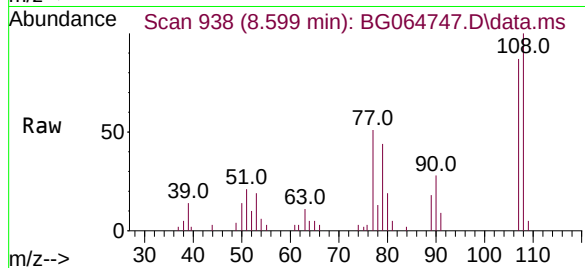
79 50.1 39.6 59.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 9.843 ng

RT: 9.263 min Scan# 1051

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

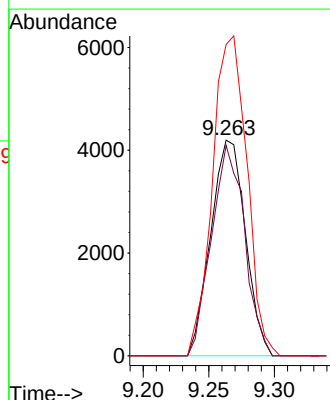
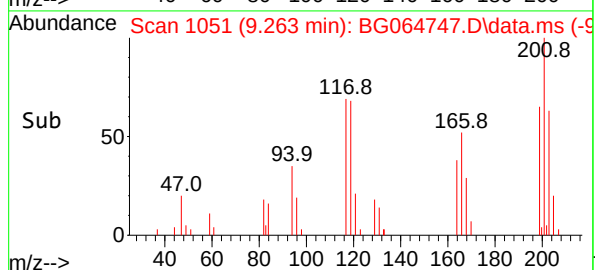
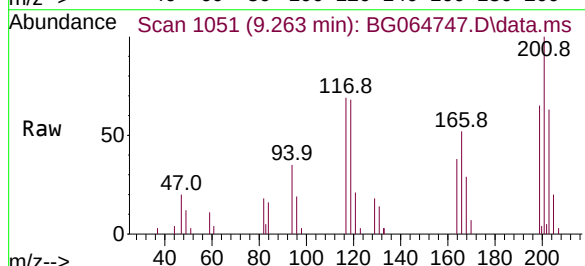
Tgt Ion:117 Resp: 7708

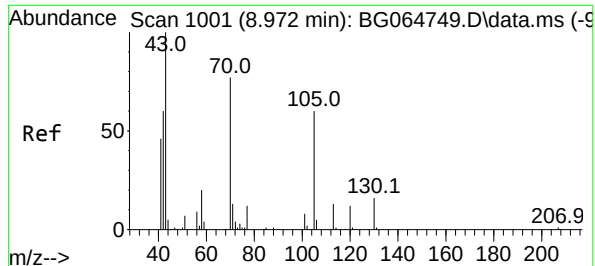
Ion Ratio Lower Upper

117 100

119 97.6 74.4 111.6

201 144.4 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 9.853 ng

RT: 8.969 min Scan# 10

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 14240

Ion Ratio Lower Upper

70 100

42 72.2 62.6 93.8

101 9.3 8.0 12.0

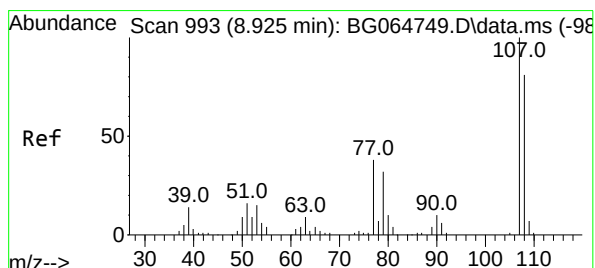
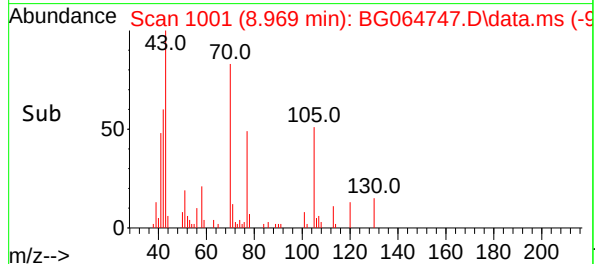
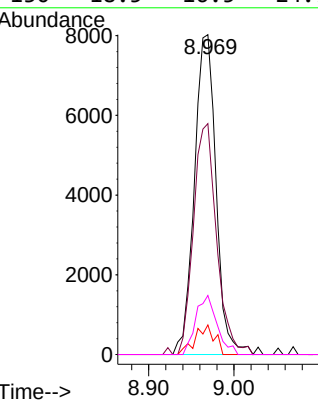
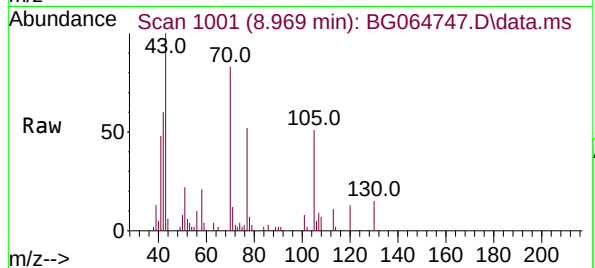
130 18.5 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 9.215 ng

RT: 8.928 min Scan# 994

Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:107 Resp: 20773

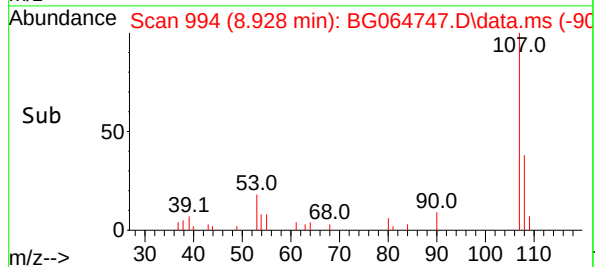
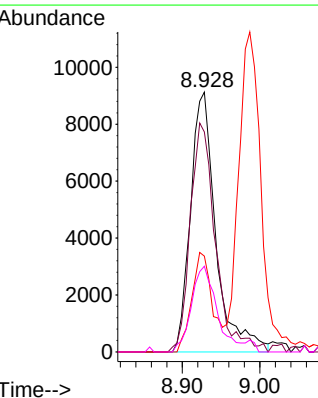
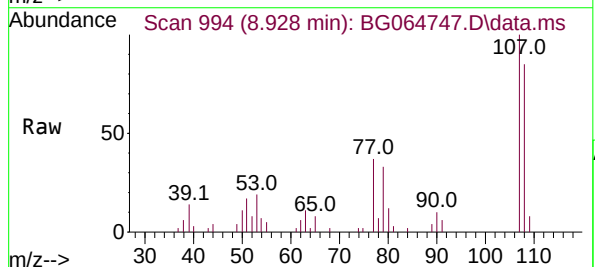
Ion Ratio Lower Upper

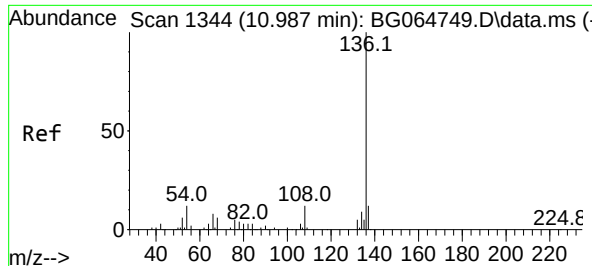
107 100

108 84.7 61.0 101.0

77 36.8 17.6 57.6

79 33.0 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

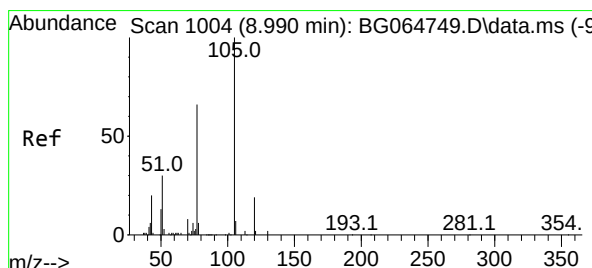
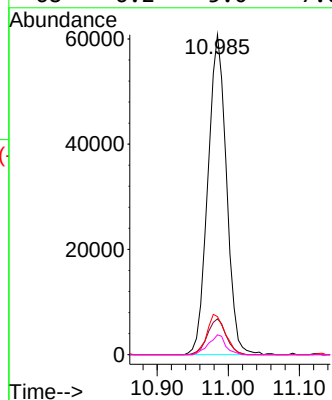
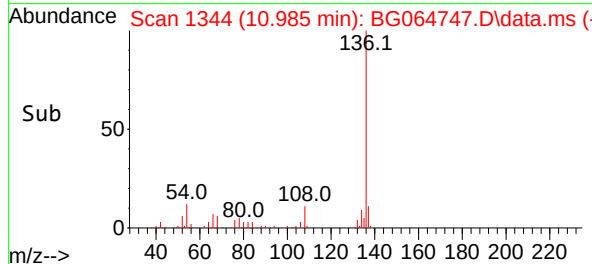
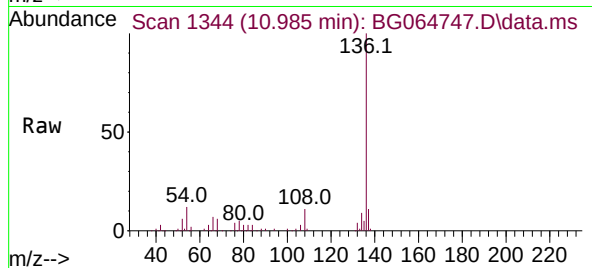
ClientSampleId :

SSTDICC010

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	11.9	9.3	13.9
68	6.2	5.0	7.6

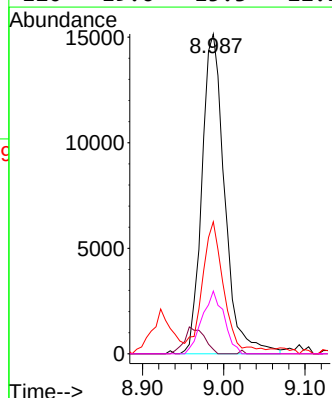
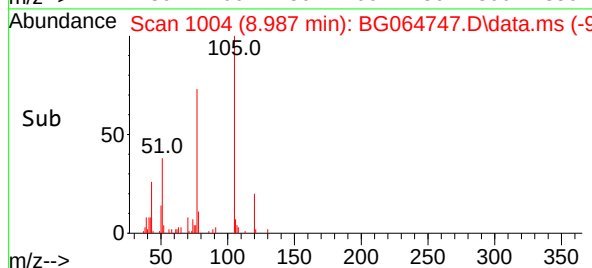
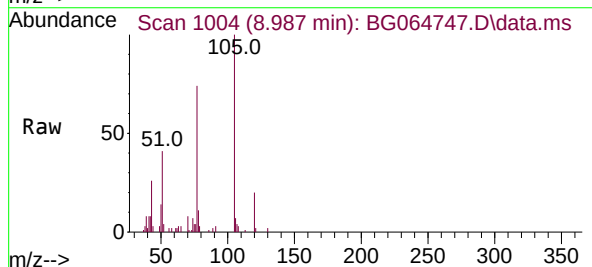
Manual Integrations
APPROVED

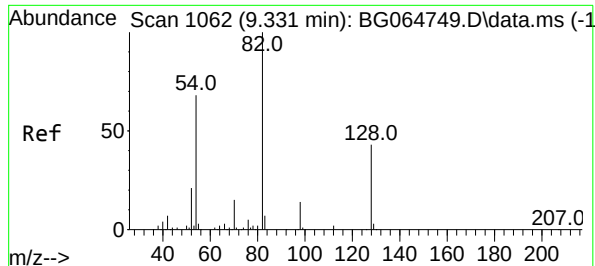
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 9.843 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.4	1.3	1.9
51	41.3	27.9	41.9
120	19.6	15.3	22.9





#23

Nitrobenzene-d5

Concen: 18.666 ng

RT: 9.328 min Scan# 1062

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

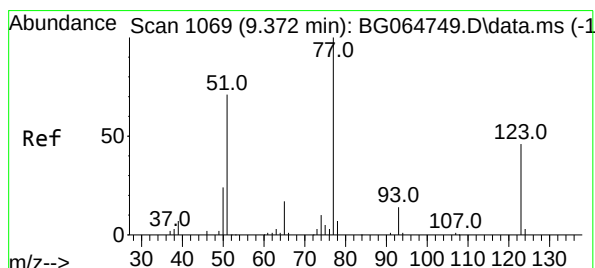
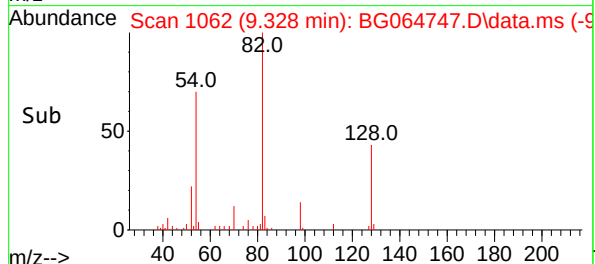
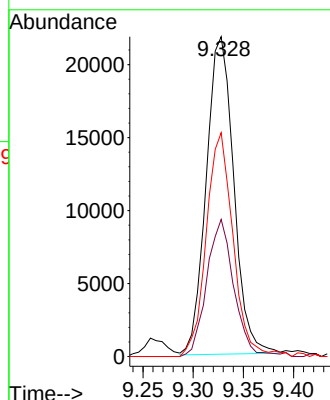
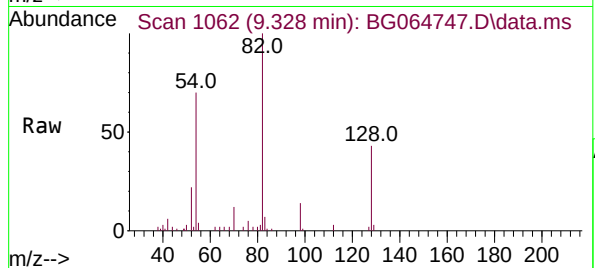
Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:	82	Resp:	4157
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.1	51.1
54	70.0	54.3	81.5

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#24

Nitrobenzene

Concen: 9.730 ng

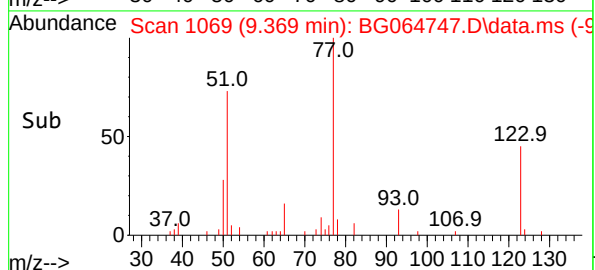
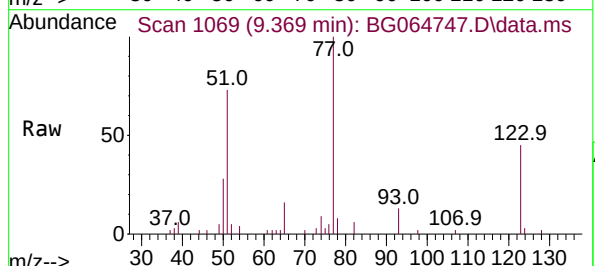
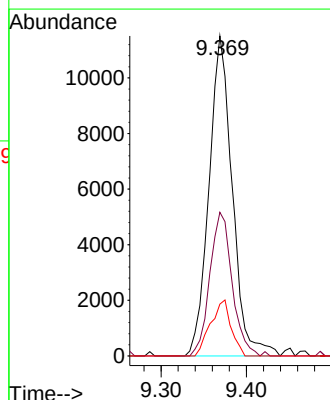
RT: 9.369 min Scan# 1069

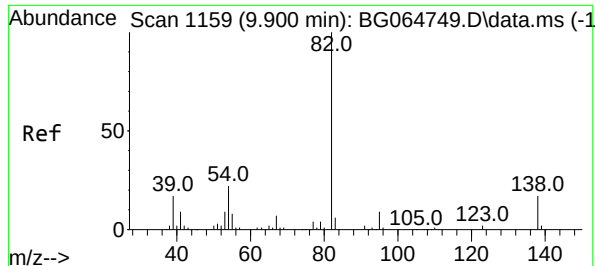
Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:	77	Resp:	21900
Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.5	54.7
65	16.2	13.5	20.3





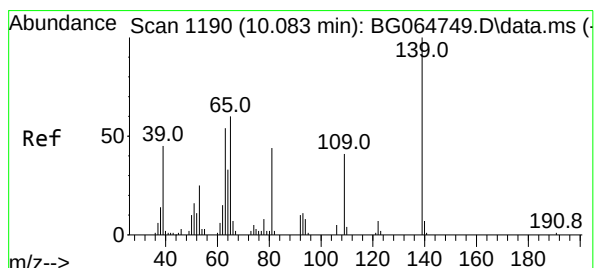
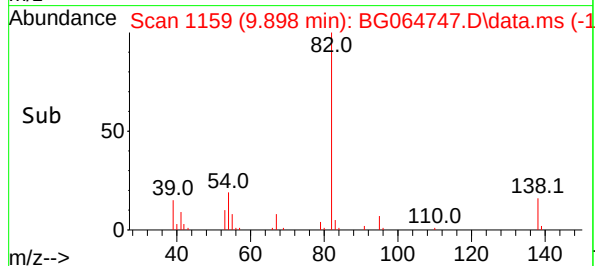
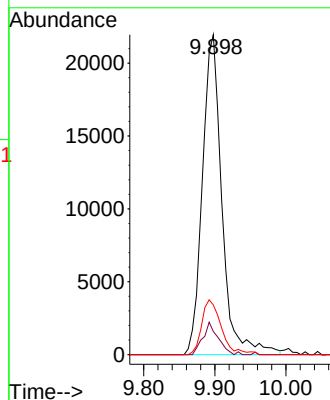
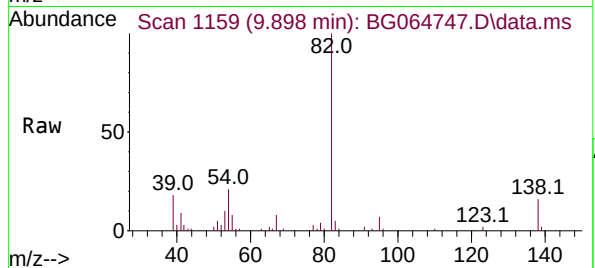
#25
Isophorone
Concen: 9.872 ng
RT: 9.898 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 41875
Ion Ratio Lower Upper
82 100
95 7.2 6.9 10.3
138 15.5 13.9 20.9

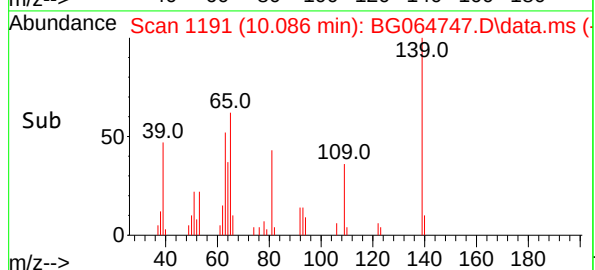
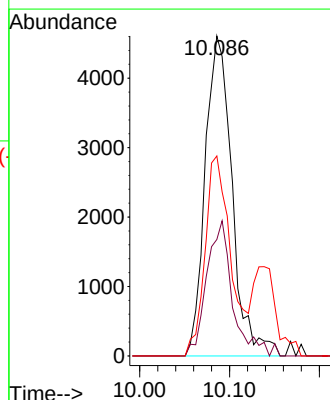
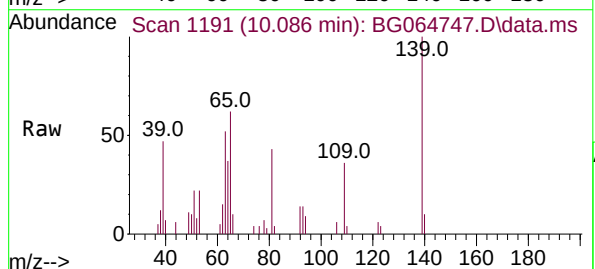
Manual Integrations
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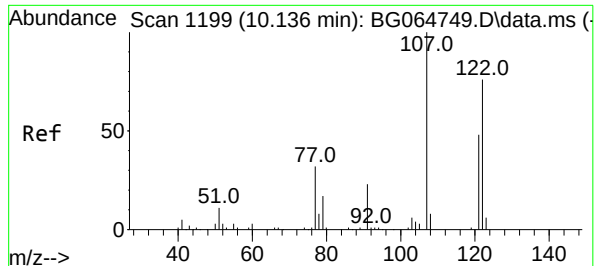
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 9.523 ng
RT: 10.086 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:139 Resp: 9640
Ion Ratio Lower Upper
139 100
109 36.4 32.5 48.7
65 62.5 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 9.228 ng

RT: 10.139 min Scan# 1199

Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

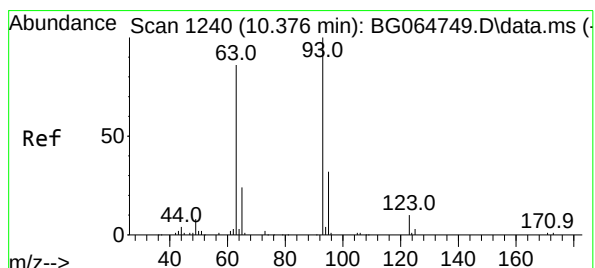
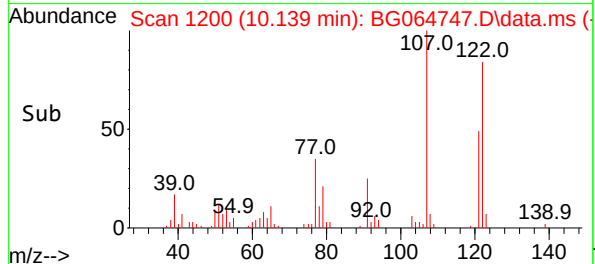
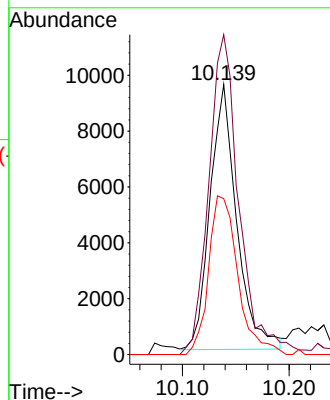
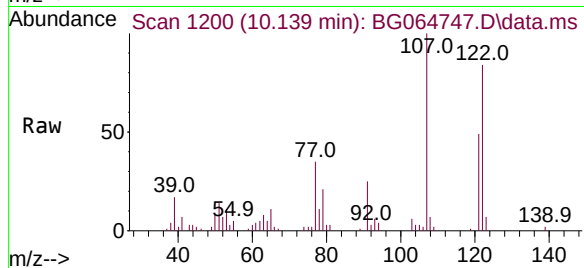
Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:	122	Resp:	1659
Ion	Ratio	Lower	Upper
122	100		
107	118.4	102.5	153.7
121	57.7	49.0	73.6

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#28

bis(2-Chloroethoxy)methane

Concen: 9.907 ng

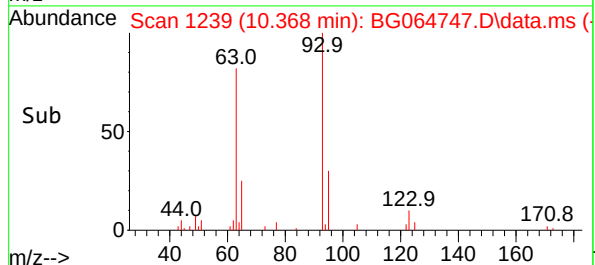
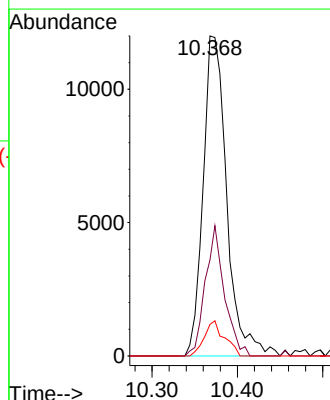
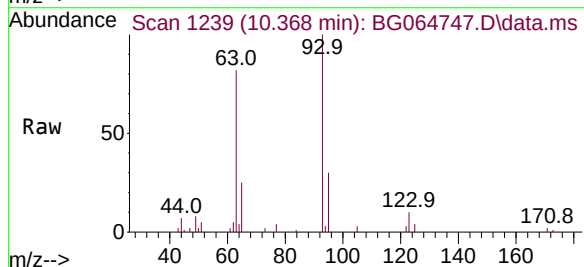
RT: 10.368 min Scan# 1239

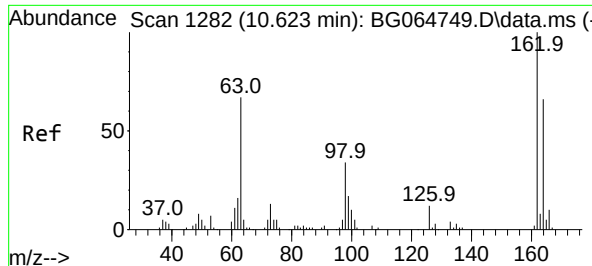
Delta R.T. -0.009 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:	93	Resp:	23070
Ion	Ratio	Lower	Upper
93	100		
95	30.0	25.4	38.2
123	9.8	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 9.440 ng

RT: 10.626 min Scan# 1282

Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

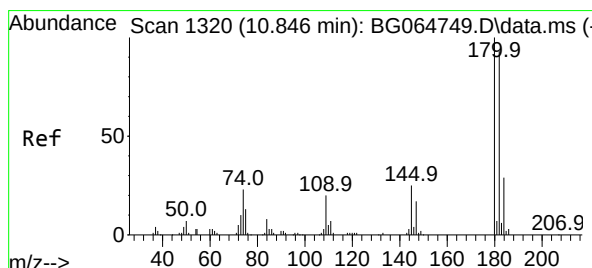
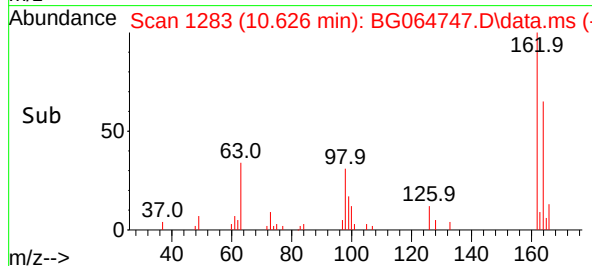
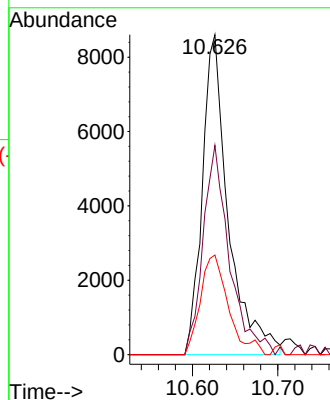
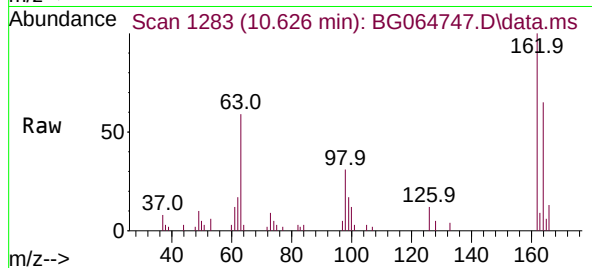
SSTDICC010

Tgt Ion:	162	Resp:	18228
Ion Ratio	Lower	Upper	
162	100		
164	65.4	46.0	86.0
98	31.1	14.2	54.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 9.844 ng

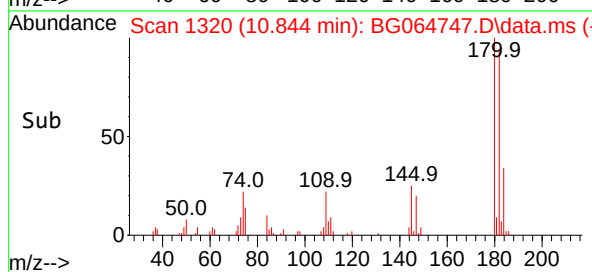
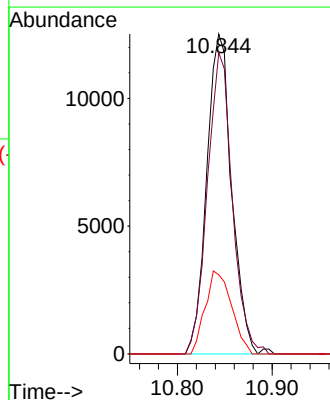
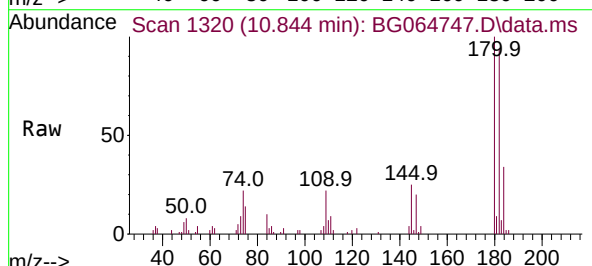
RT: 10.844 min Scan# 1320

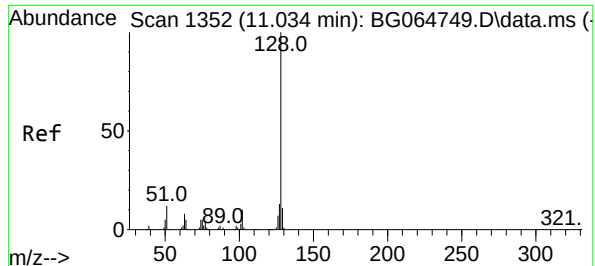
Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

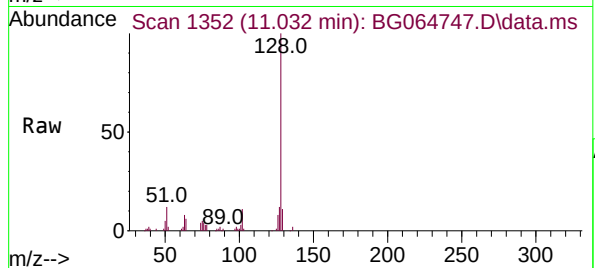
Tgt Ion:	180	Resp:	22952
Ion Ratio	Lower	Upper	
180	100		
182	94.1	74.2	111.4
145	24.7	20.0	30.0





#31
Naphthalene
Concen: 10.254 ng
RT: 11.032 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

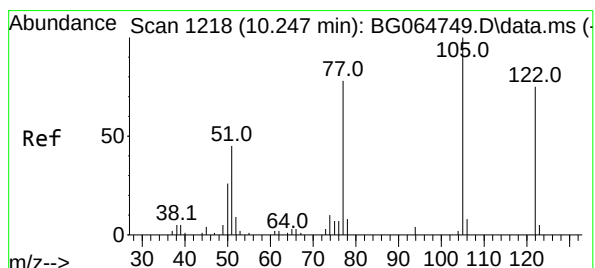
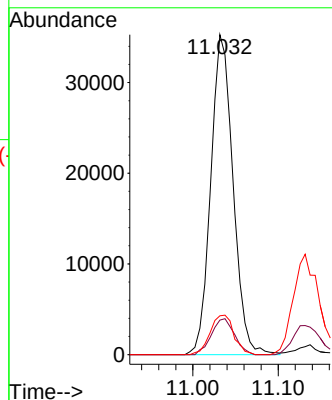
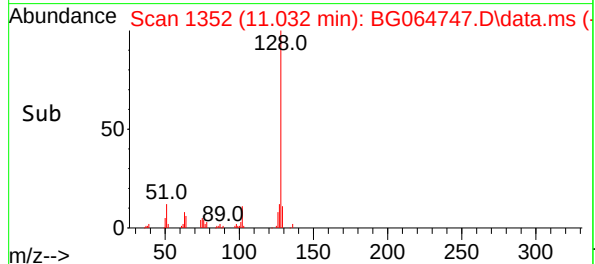
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



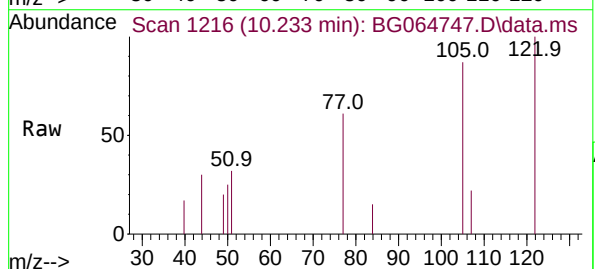
Tgt Ion:128 Resp: 64016
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.1 10.6 16.0

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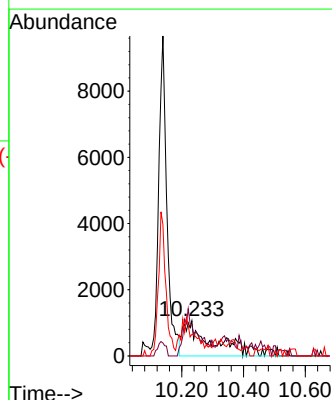
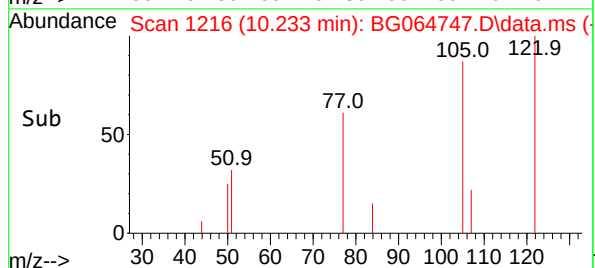
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

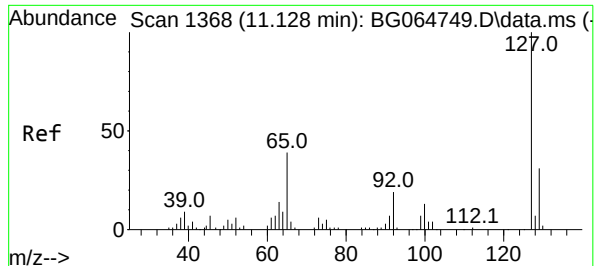


#32
Benzoic acid
Concen: 10.914 ng m
RT: 10.233 min Scan# 1216
Delta R.T. -0.014 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



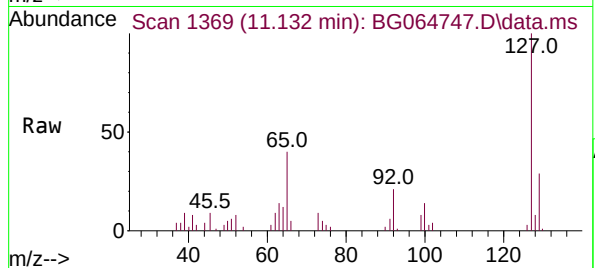
Tgt Ion:122 Resp: 7448
Ion Ratio Lower Upper
122 100
105 87.4 107.6 147.6#
77 61.3 82.5 122.5#





#33
4-Chloroaniline
Concen: 9.967 ng
RT: 11.132 min Scan# 1368
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

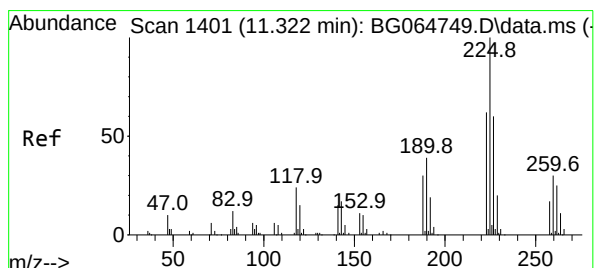
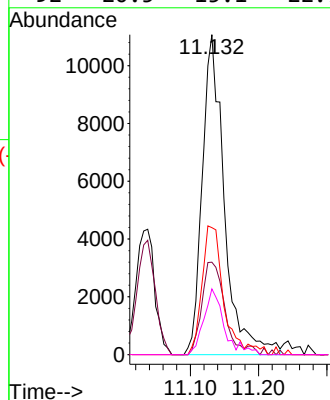
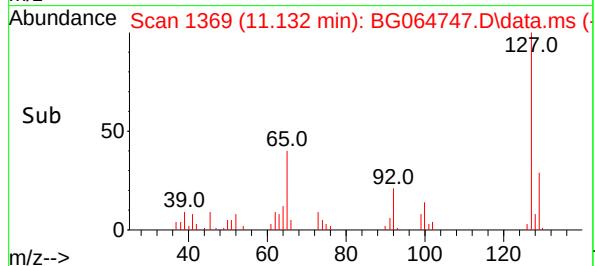
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



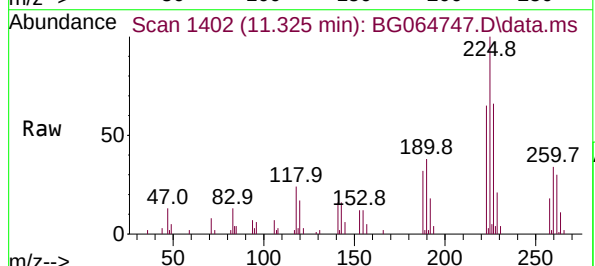
Tgt Ion:127 Resp: 2489
Ion Ratio Lower Upper
127 100
129 28.9 24.9 37.3
65 39.7 30.9 46.3
92 20.5 15.1 22.7

Manual Integrations
APPROVED

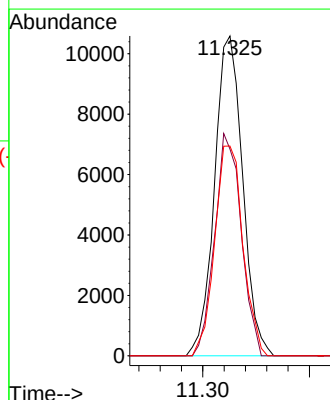
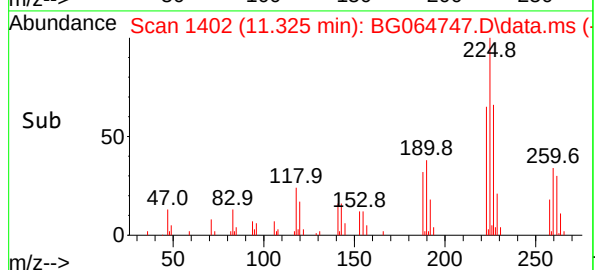
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

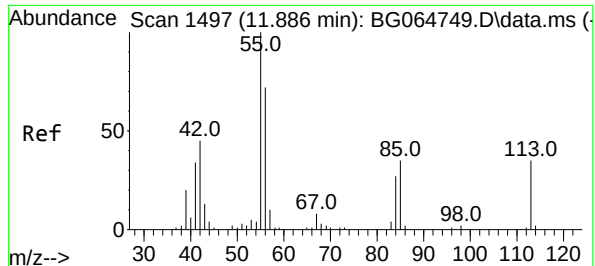


#34
Hexachlorobutadiene
Concen: 9.713 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



Tgt Ion:225 Resp: 19432
Ion Ratio Lower Upper
225 100
223 64.6 49.9 74.9
227 65.6 50.6 75.8





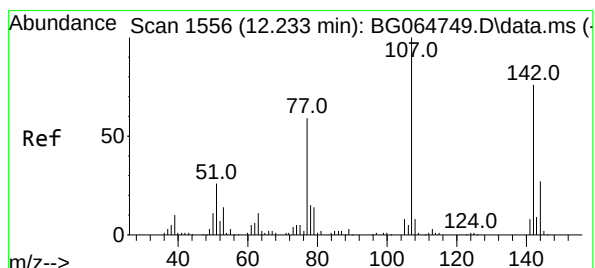
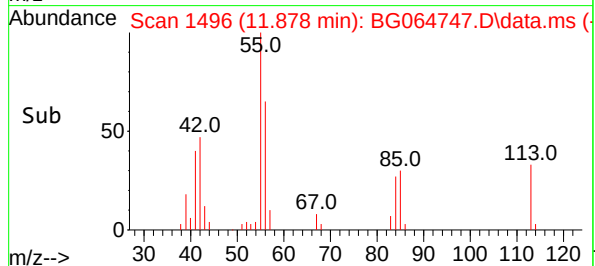
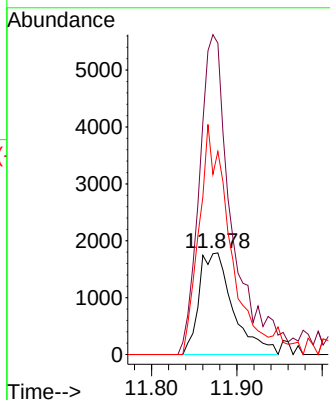
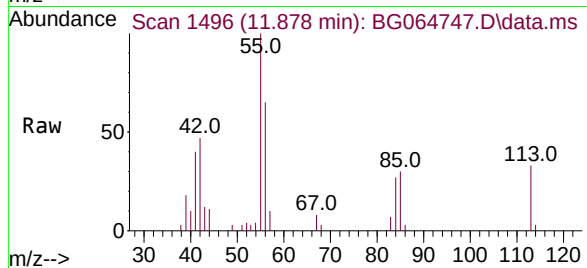
#35
Caprolactam
Concen: 8.592 ng
RT: 11.878 min Scan# 1496
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 4958
Ion Ratio Lower Upper
113 100
55 306.3 263.7 303.7
56 199.7 184.0 224.0

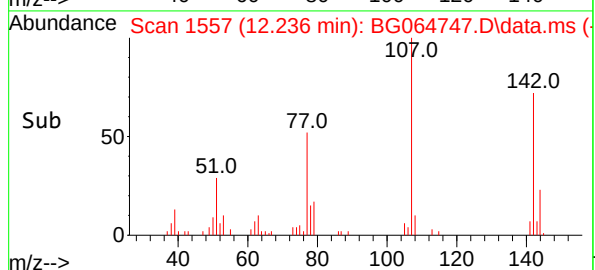
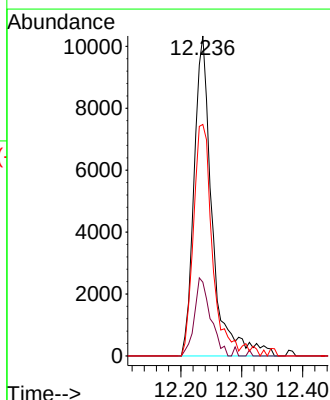
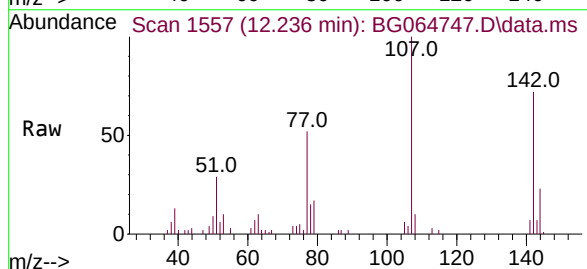
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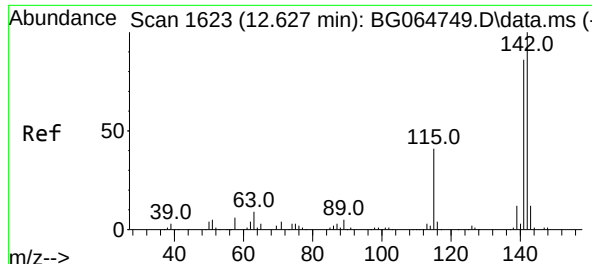
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#36
4-Chloro-3-methylphenol
Concen: 9.942 ng
RT: 12.236 min Scan# 1557
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:107 Resp: 21366
Ion Ratio Lower Upper
107 100
144 23.0 21.7 32.5
142 72.3 60.8 91.2





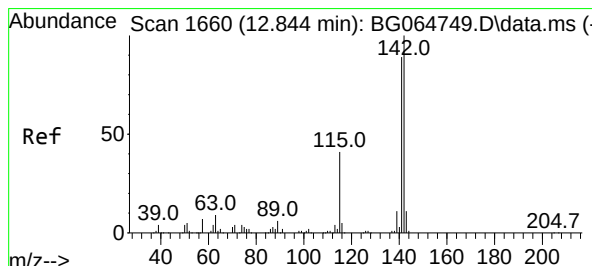
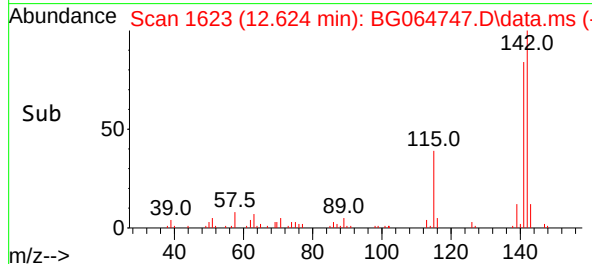
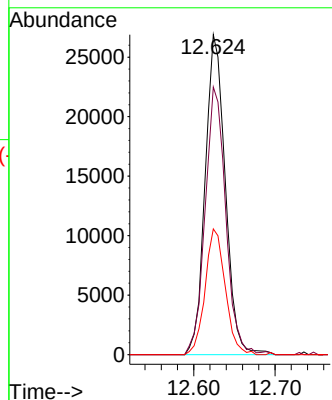
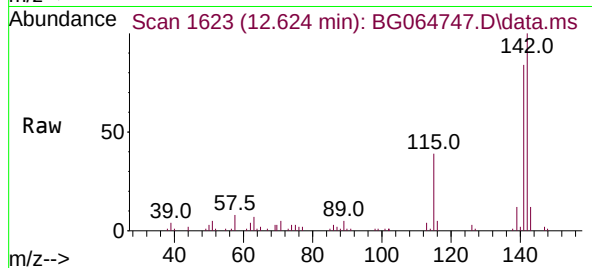
#37
2-Methylnaphthalene
Concen: 9.921 ng
RT: 12.624 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 46349
Ion Ratio Lower Upper
142 100
141 83.6 69.1 103.7
115 39.3 32.9 49.3

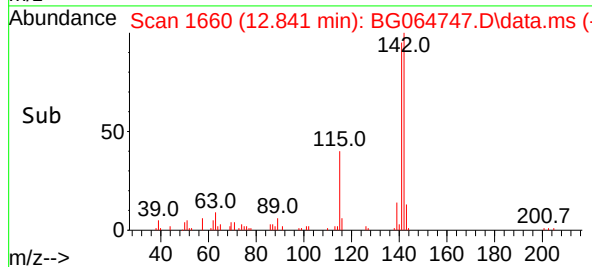
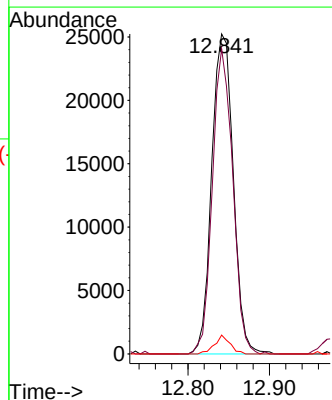
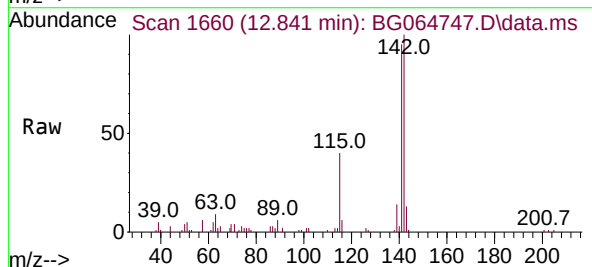
Manual Integrations
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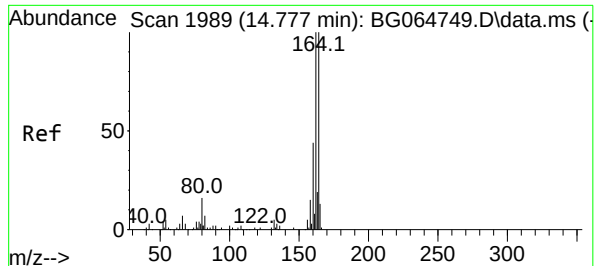
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 9.982 ng m
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:142 Resp: 46327
Ion Ratio Lower Upper
142 100
141 95.3 70.8 106.2
116 5.9 3.7 5.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG064747.D

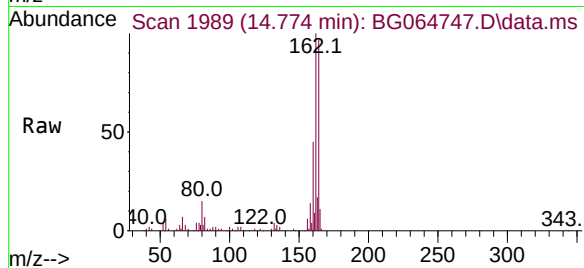
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 90796

Ion Ratio Lower Upper

164 100

162 102.6 79.8 119.6

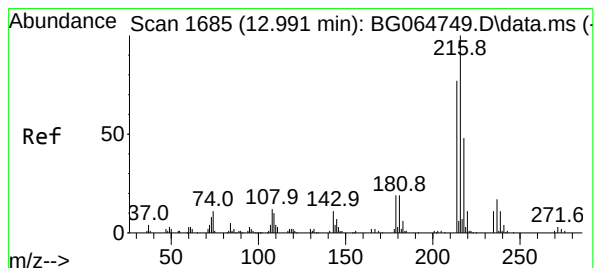
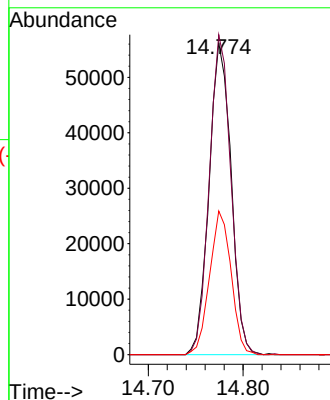
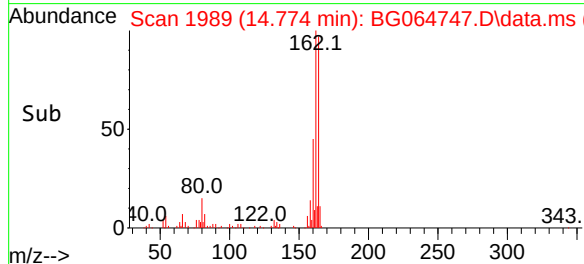
160 46.1 34.9 52.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

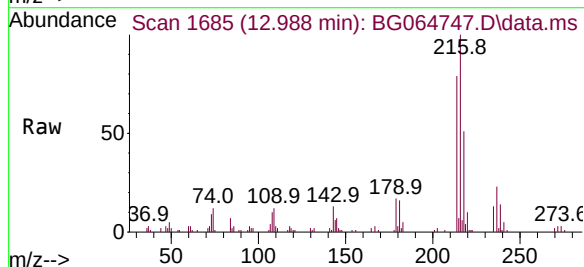
Concen: 9.582 ng

RT: 12.988 min Scan# 1685

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39



Tgt Ion:216 Resp: 33859

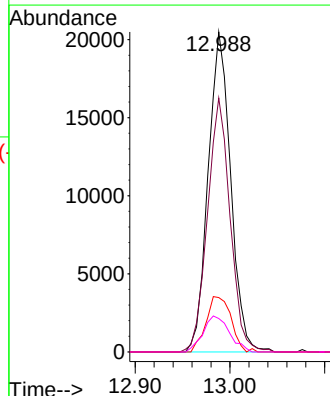
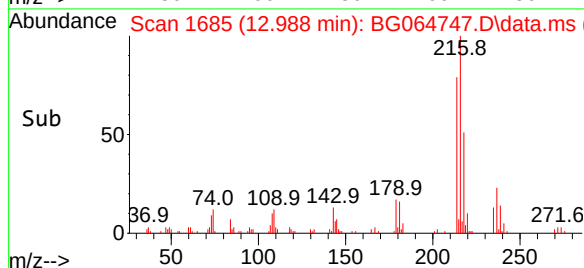
Ion Ratio Lower Upper

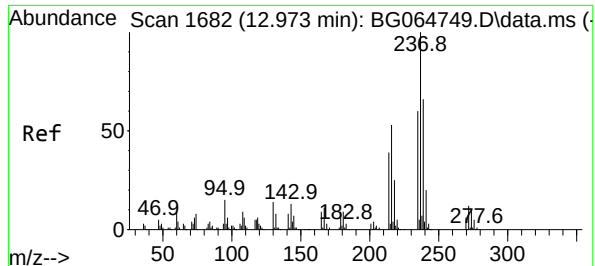
216 100

214 79.6 60.5 90.7

179 19.2 14.7 22.1

108 13.1 10.6 16.0





#41

Hexachlorocyclopentadiene

Concen: 8.565 ng

RT: 12.971 min Scan# 1682

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

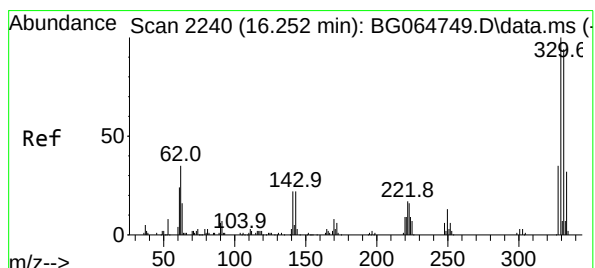
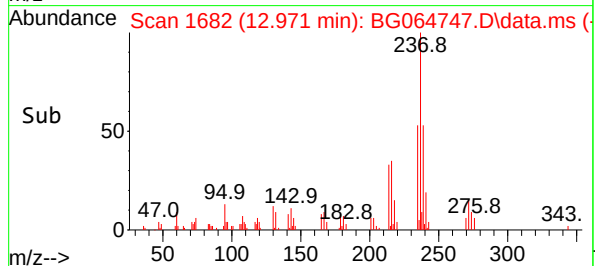
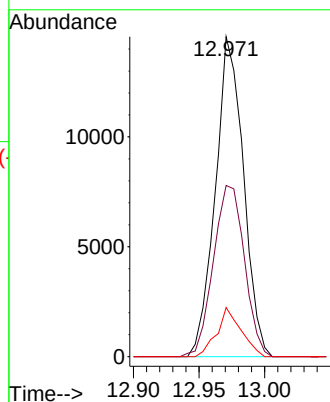
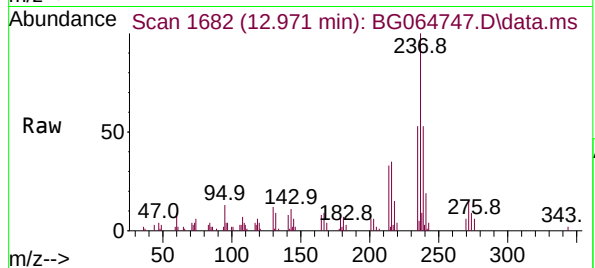
SSTDICC010

Tgt Ion:	237	Resp:	21693
Ion Ratio	Lower	Upper	
237	100		
235	53.5	40.2	80.2
272	15.3	0.0	31.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#42

2,4,6-Tribromophenol

Concen: 19.694 ng

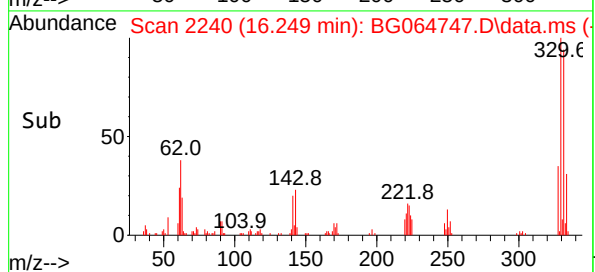
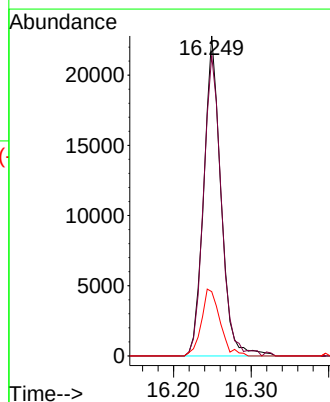
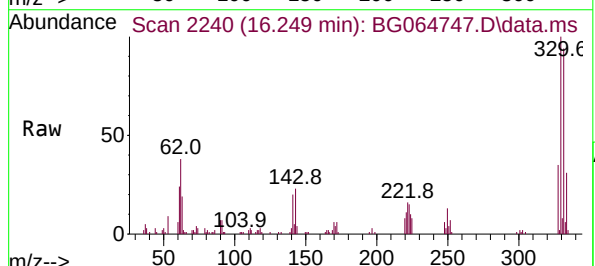
RT: 16.249 min Scan# 2240

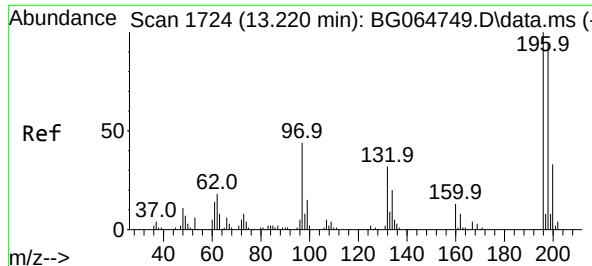
Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:	330	Resp:	34875
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	22.6	18.2	27.2





#43

2,4,6-Trichlorophenol

Concen: 9.451 ng

RT: 13.217 min Scan# 1724

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 19600

Ion Ratio Lower Upper

196 100

198 90.2 75.3 112.9

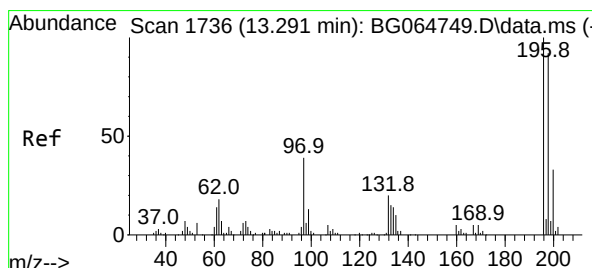
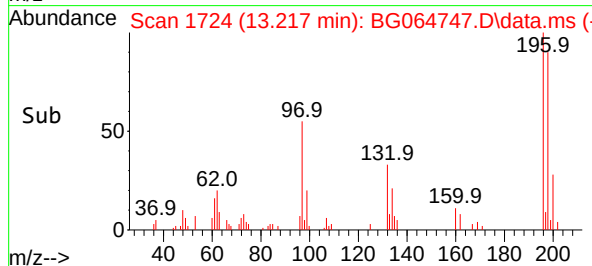
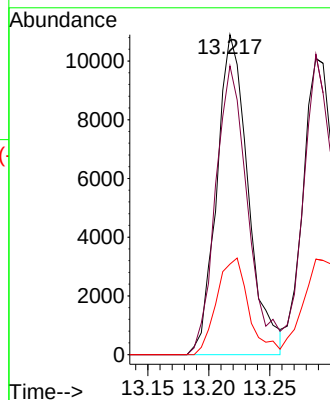
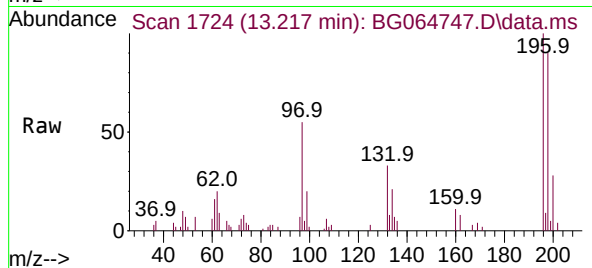
200 28.3 26.2 39.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 8.972 ng

RT: 13.288 min Scan# 1736

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:196 Resp: 20868

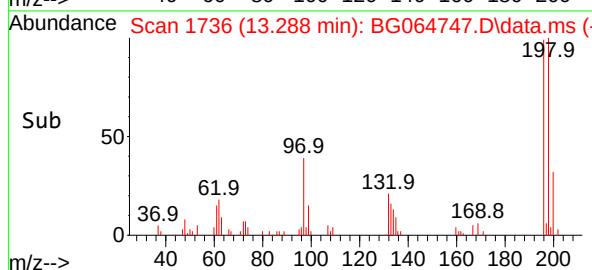
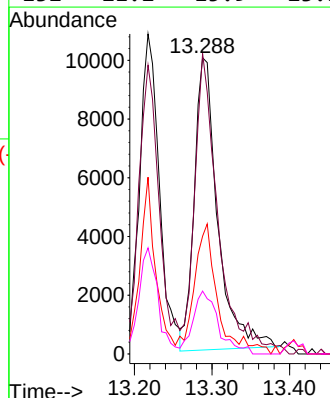
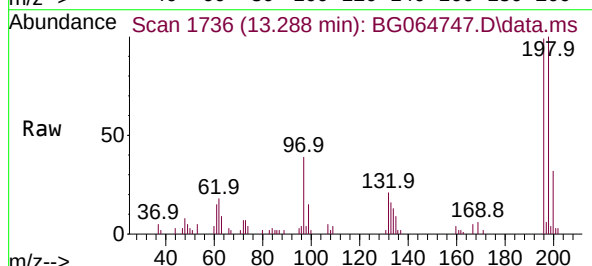
Ion Ratio Lower Upper

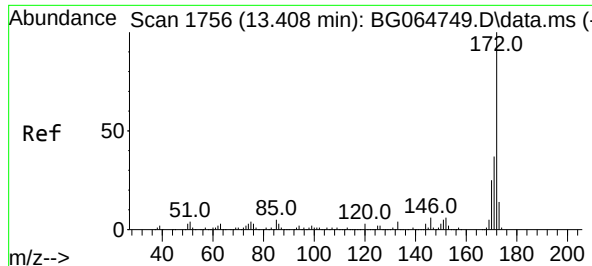
196 100

198 101.4 73.2 109.8

97 39.7 31.4 47.0

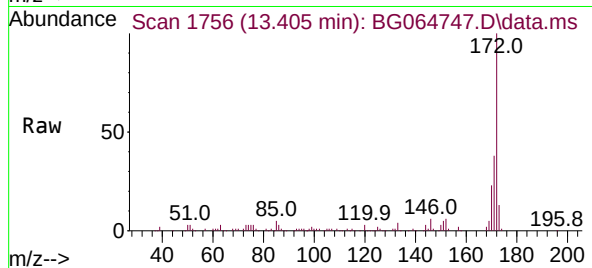
132 21.2 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 20.167 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

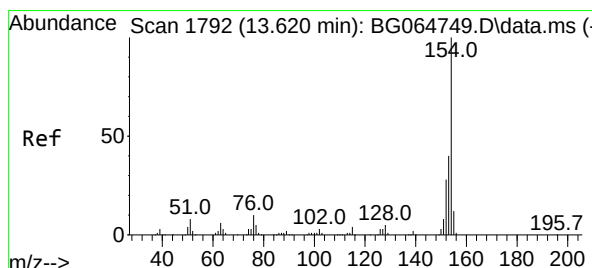
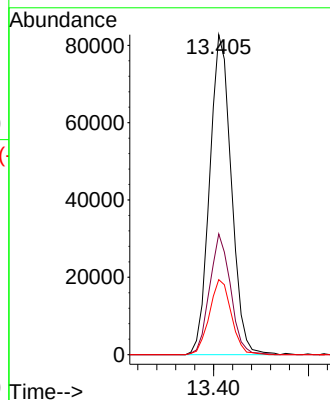
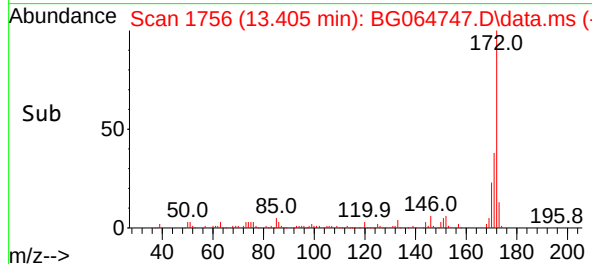
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



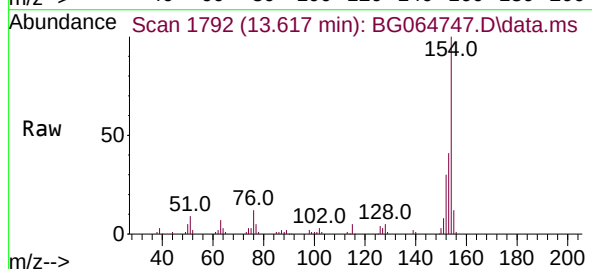
Tgt Ion:172 Resp: 131226
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 23.4 19.8 29.6

Manual Integrations
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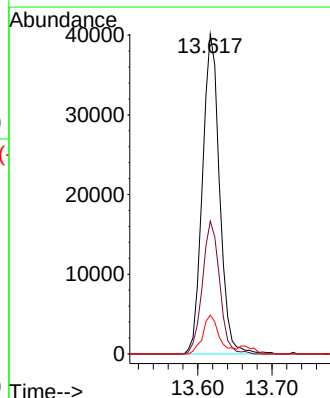
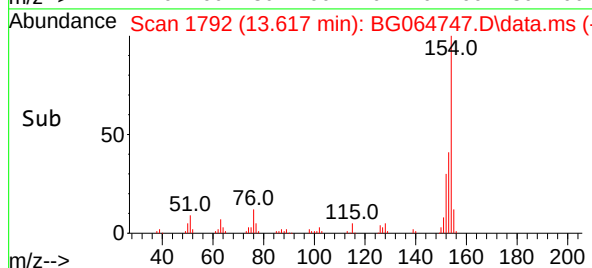
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

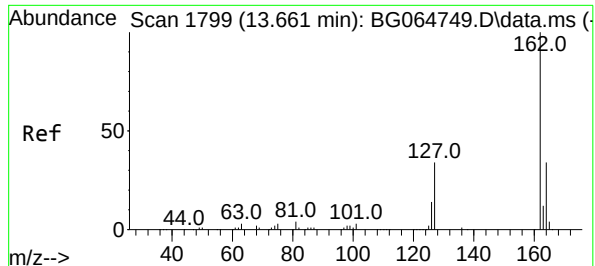


#46
1,1'-Biphenyl
Concen: 9.864 ng
RT: 13.617 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



Tgt Ion:154 Resp: 64329
Ion Ratio Lower Upper
154 100
153 41.5 19.8 59.8
76 12.1 0.0 30.0





#47

2-Chloronaphthalene

Concen: 9.827 ng

RT: 13.664 min Scan# 1799

Delta R.T. 0.003 min

Lab File: BG064747.D

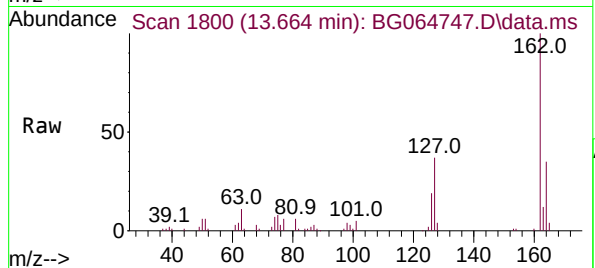
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

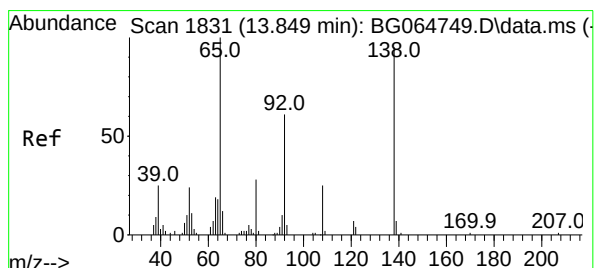
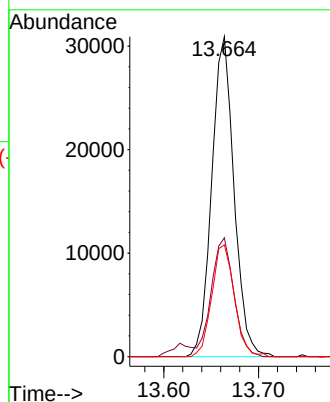
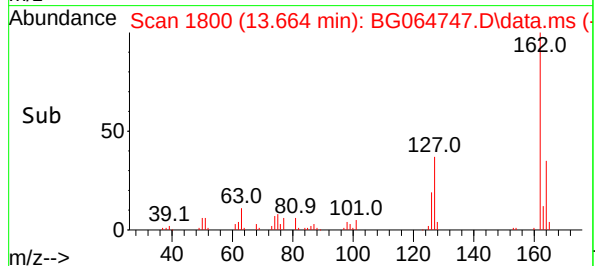


Tgt Ion:	162	Resp:	5048
Ion Ratio	Lower	Upper	
162	100		
127	37.1	30.3	45.5
164	34.9	26.8	40.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

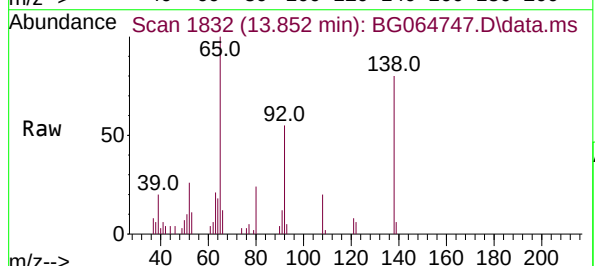
Concen: 9.469 ng

RT: 13.852 min Scan# 1832

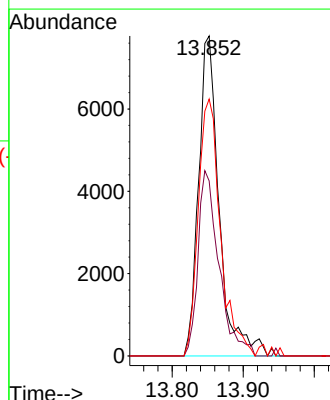
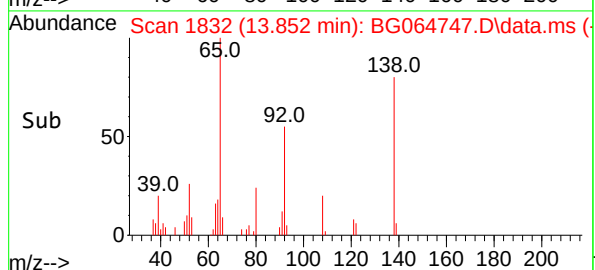
Delta R.T. 0.003 min

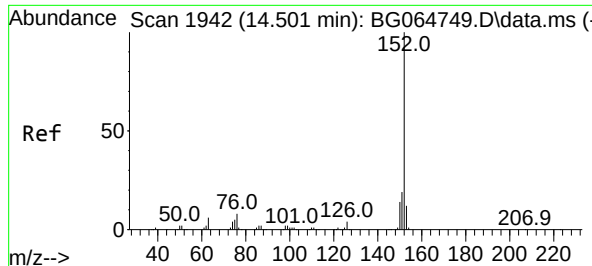
Lab File: BG064747.D

Acq: 12 Nov 2025 12:39



Tgt Ion:	65	Resp:	15648
Ion Ratio	Lower	Upper	
65	100		
92	54.7	48.6	73.0
138	80.3	76.4	114.6





#49

Acenaphthylene

Concen: 9.973 ng

RT: 14.498 min Scan# 1942

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

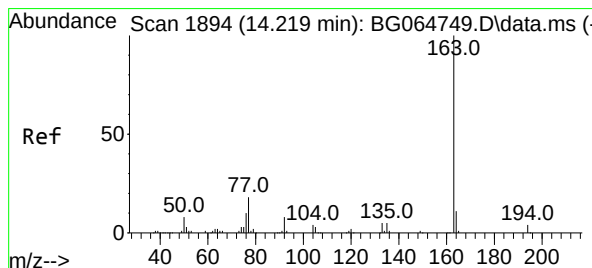
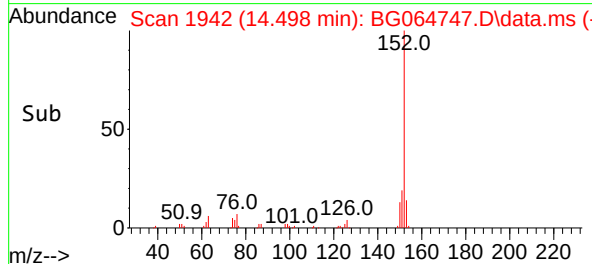
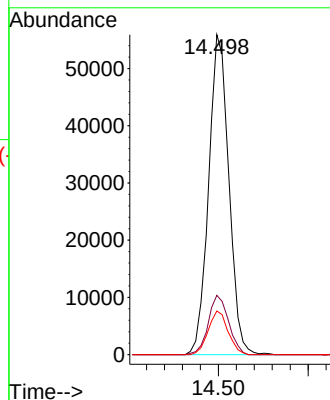
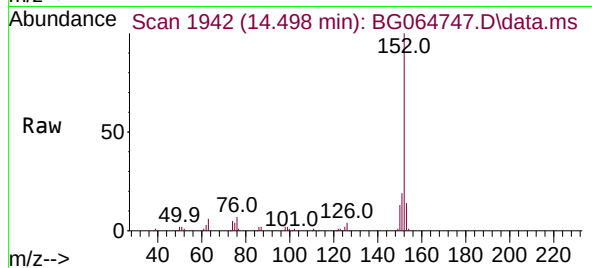
ClientSampleId :

SSTDICC010

Tgt Ion:	152	Resp:	87532
Ion Ratio	Lower	Upper	
152	100		
151	18.5	15.0	22.4
153	13.6	9.9	14.9

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

Concen: 9.928 ng

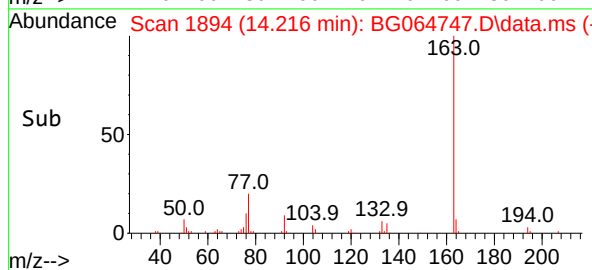
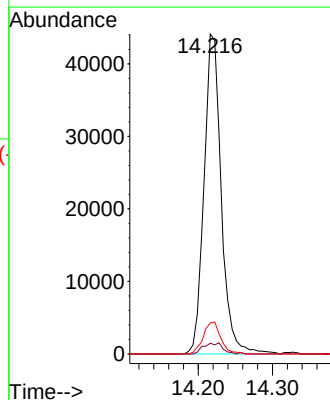
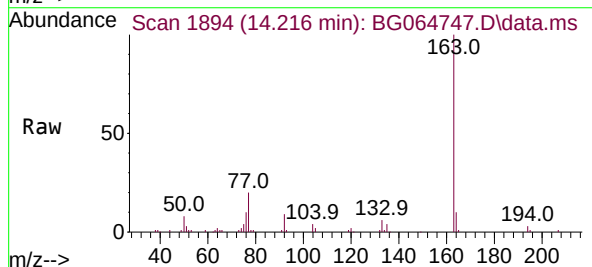
RT: 14.216 min Scan# 1894

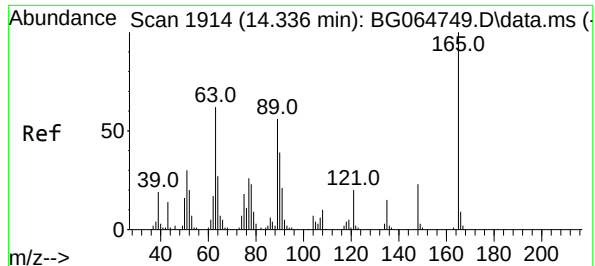
Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

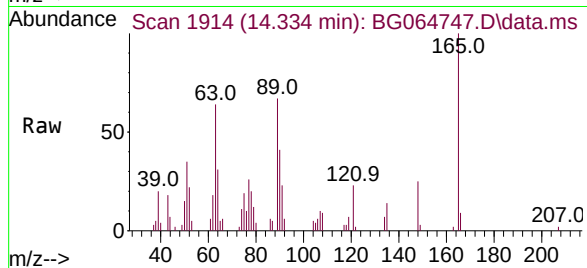
Tgt Ion:	163	Resp:	71209
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.1	4.7
164	9.6	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 9.246 ng
RT: 14.334 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

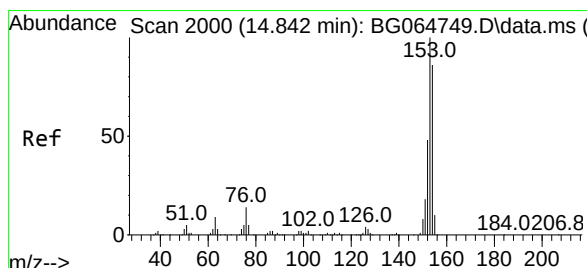
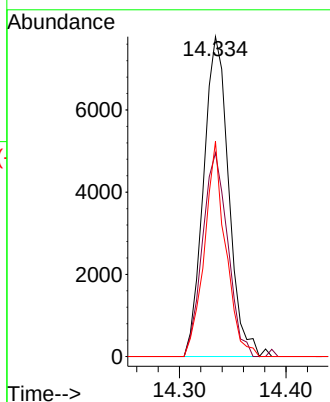
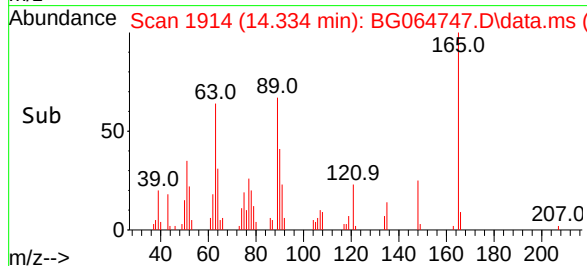
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



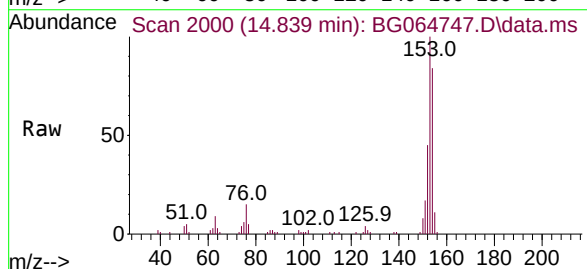
Tgt Ion:165 Resp: 12760
Ion Ratio Lower Upper
165 100
63 63.7 49.8 74.8
89 67.2 45.0 67.4

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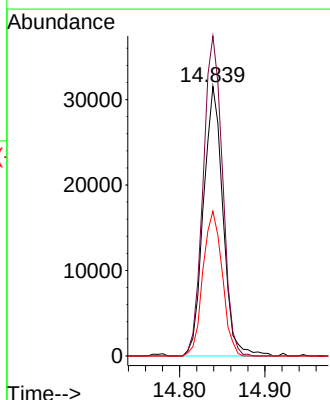
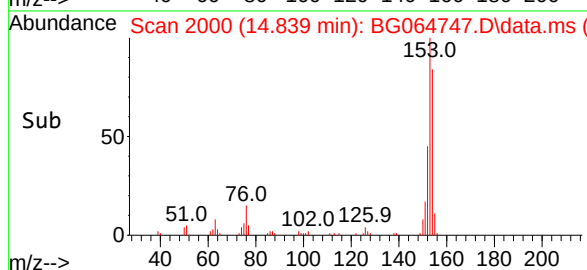
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

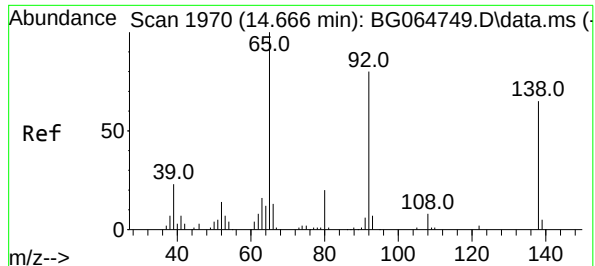


#52
Acenaphthene
Concen: 9.526 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



Tgt Ion:154 Resp: 50131
Ion Ratio Lower Upper
154 100
153 118.7 93.0 139.4
152 53.6 44.4 66.6





#53

3-Nitroaniline

Concen: 9.240 ng

RT: 14.663 min Scan# 1970

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

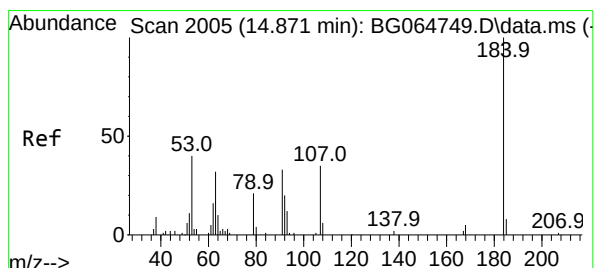
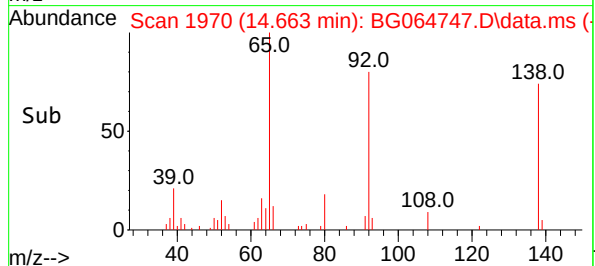
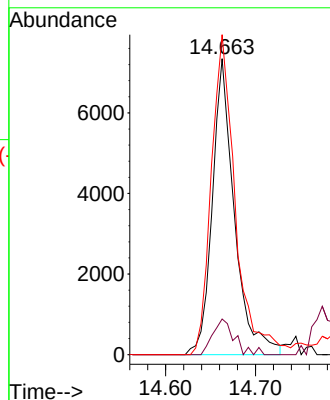
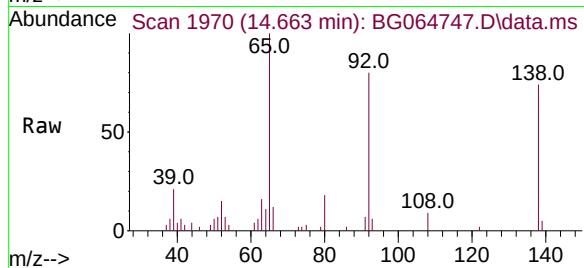
ClientSampleId :

SSTDICC010

Tgt Ion:	138	Resp:	12586
Ion Ratio	Lower	Upper	
138	100		
108	12.0	9.5	14.3
92	108.1	99.0	148.4

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 11.149 ng

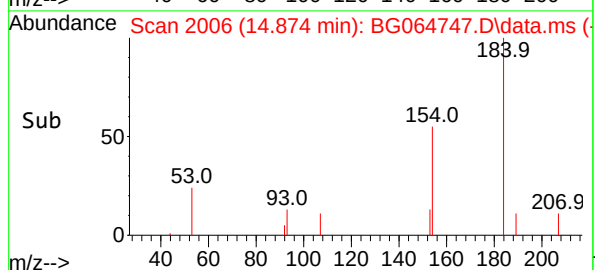
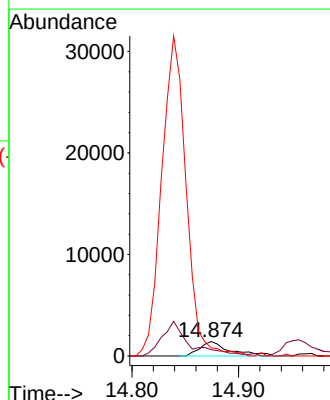
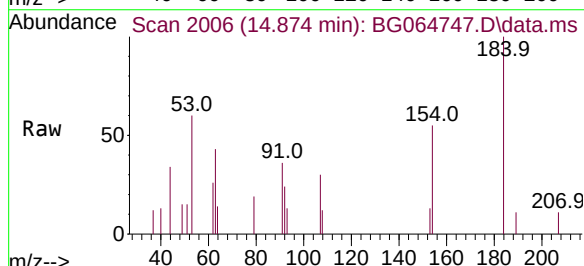
RT: 14.874 min Scan# 2006

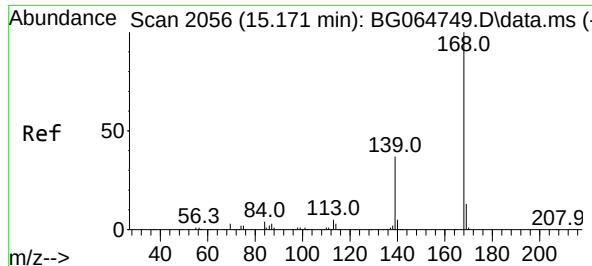
Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:	184	Resp:	2717
Ion Ratio	Lower	Upper	
184	100		
63	43.2	45.8	68.6
154	55.1	52.6	78.8





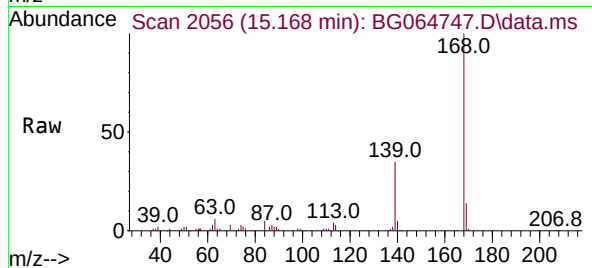
#55
Dibenzofuran
Concen: 10.387 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

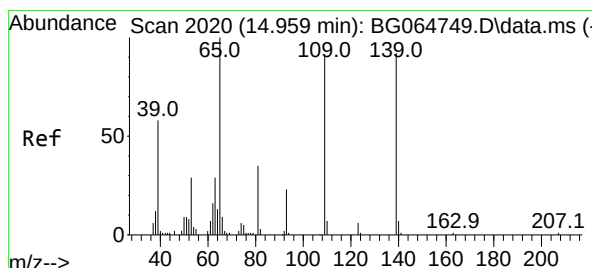
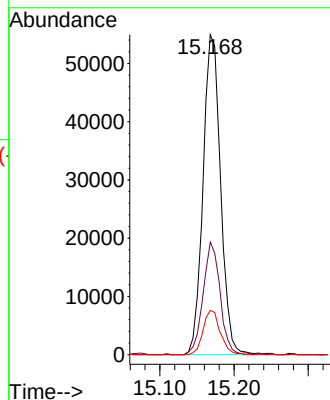
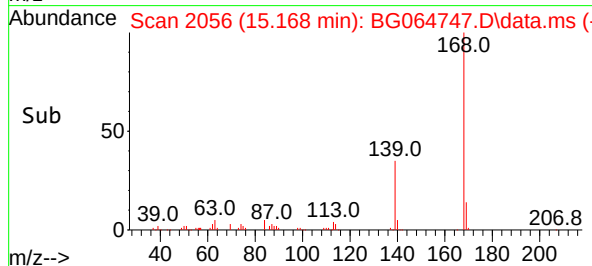
SSTDICC010



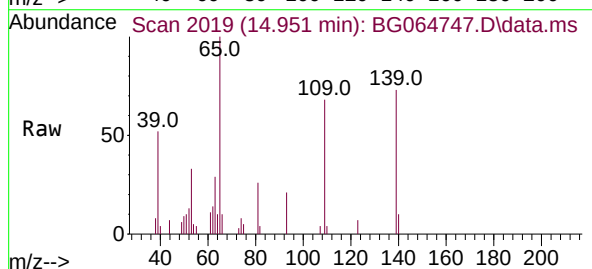
Tgt Ion:168 Resp: 90369
Ion Ratio Lower Upper
168 100
139 35.2 29.5 44.3
169 13.8 10.4 15.6

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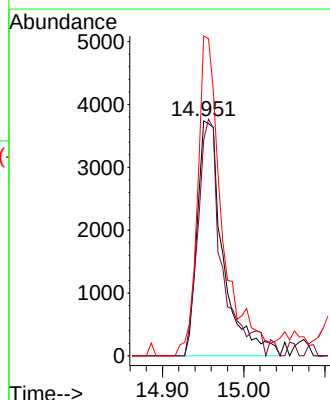
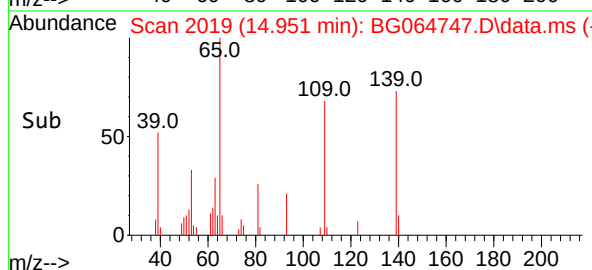
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

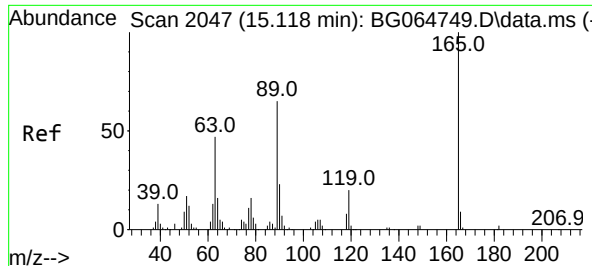


#56
4-Nitrophenol
Concen: 7.611 ng
RT: 14.951 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



Tgt Ion:139 Resp: 8225
Ion Ratio Lower Upper
139 100
109 92.1 79.7 119.7
65 136.2 89.9 129.9#





#57
2,4-Dinitrotoluene
Concen: 9.336 ng
RT: 15.115 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

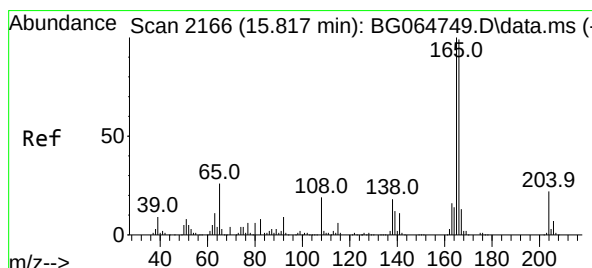
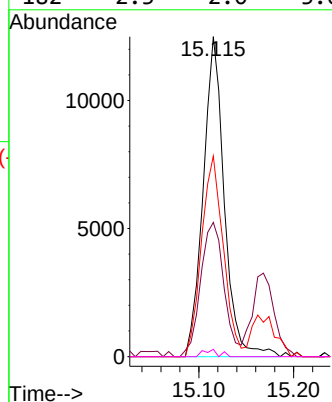
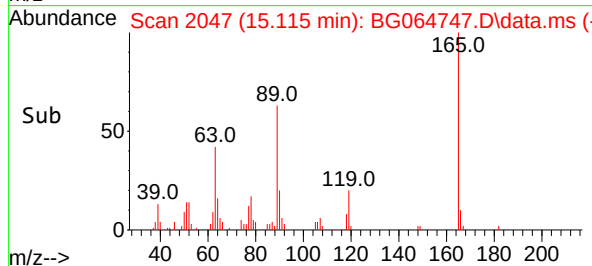
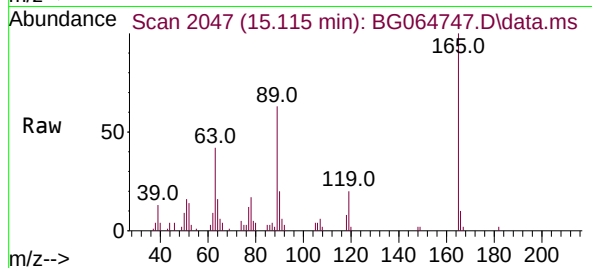
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.9	37.8	56.6
89	62.7	51.6	77.4
182	2.3	2.0	3.0

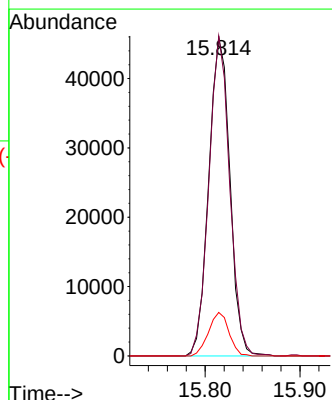
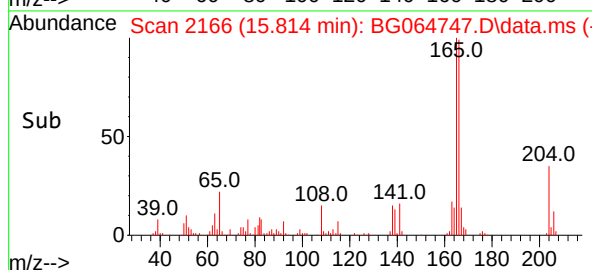
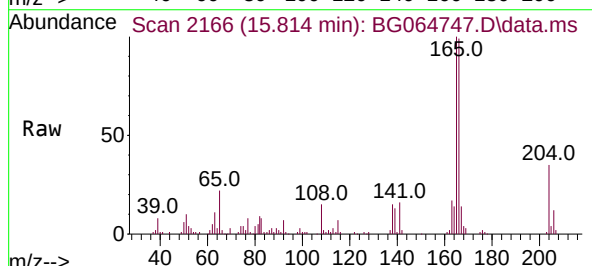
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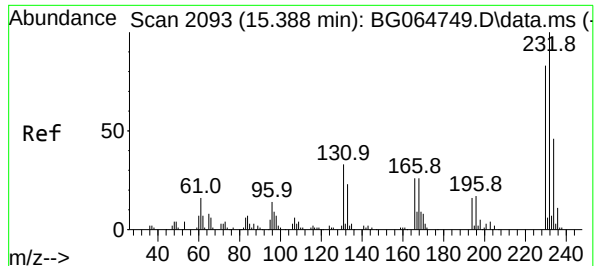
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#58
Fluorene
Concen: 10.441 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

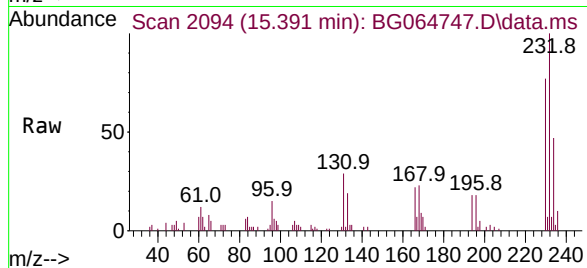
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.5	120.7
167	13.6	10.3	15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.495 ng
RT: 15.391 min Scan# 2093
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

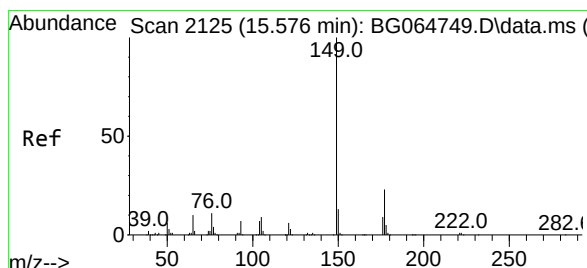
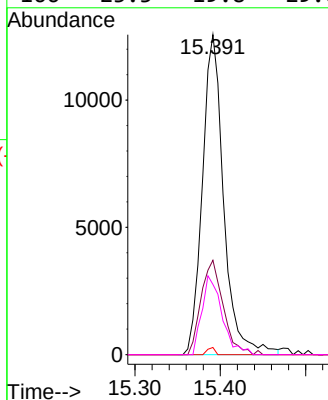
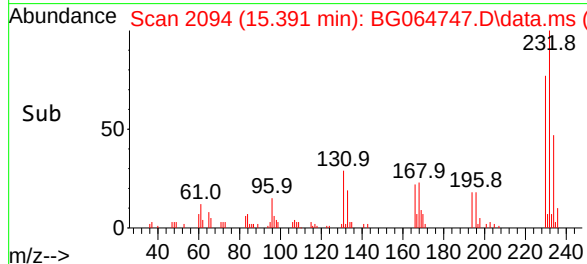
Instrument :
BNA_G
Client Sample Id :
SSTDICC010



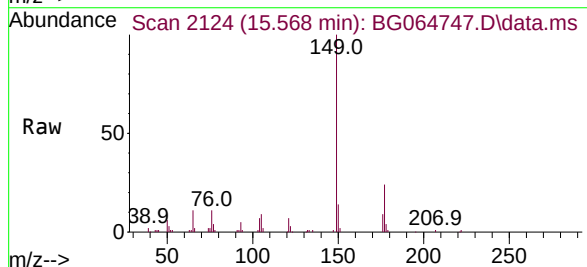
Tgt Ion: 232 Resp: 21790
Ion Ratio Lower Upper
232 100
131 30.7 26.0 39.0
130 0.8 1.6 2.4
166 23.3 19.8 29.6

Manual Integrations
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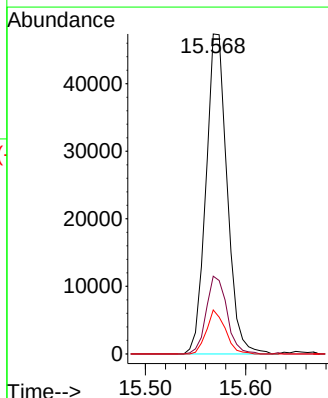
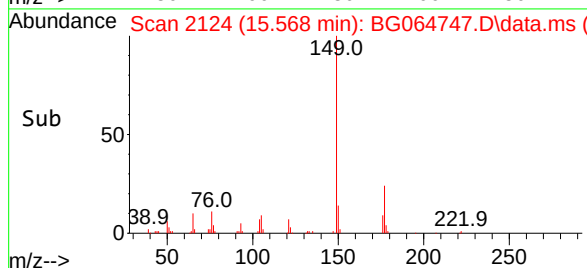
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025

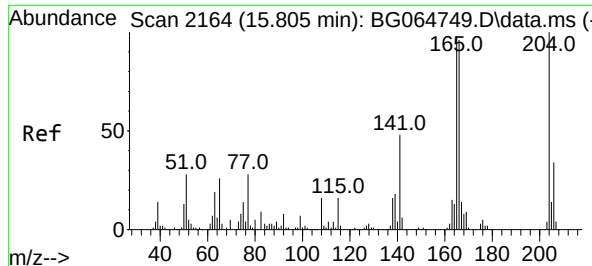


#60
Diethylphthalate
Concen: 10.053 ng
RT: 15.568 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



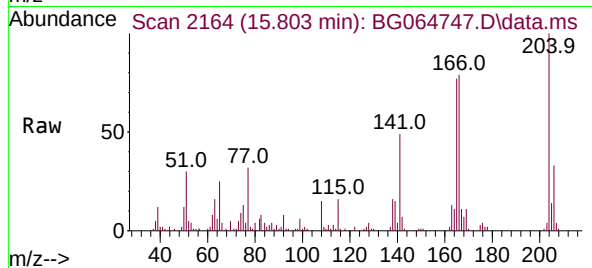
Tgt Ion: 149 Resp: 69072
Ion Ratio Lower Upper
149 100
177 24.3 18.4 27.6
150 13.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 10.280 ng
RT: 15.803 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

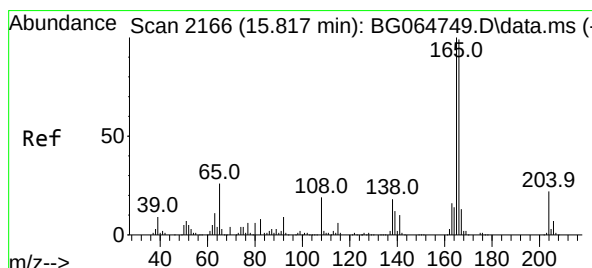
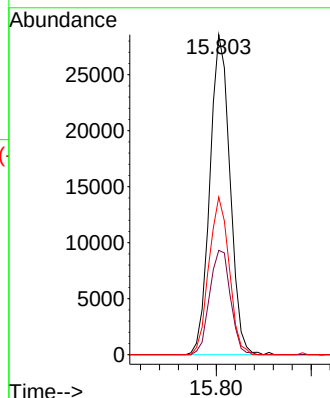
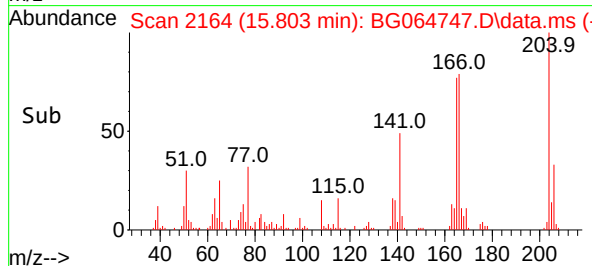
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 42098
Ion Ratio Lower Upper
204 100
206 32.6 26.9 40.3
141 49.2 38.1 57.1

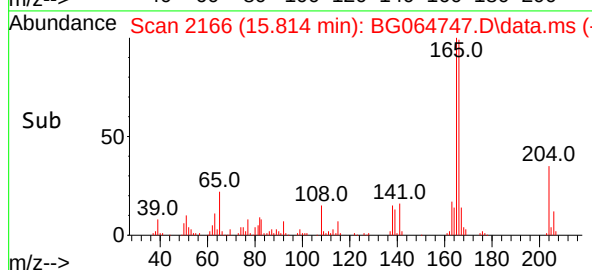
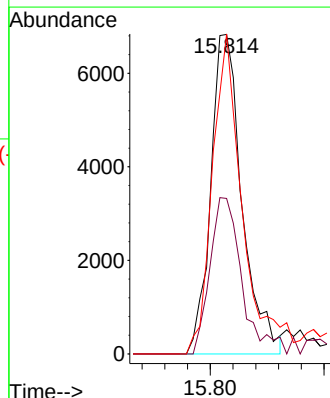
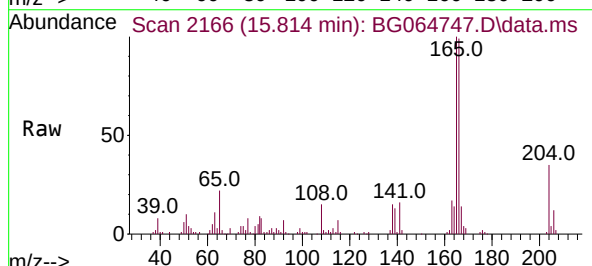
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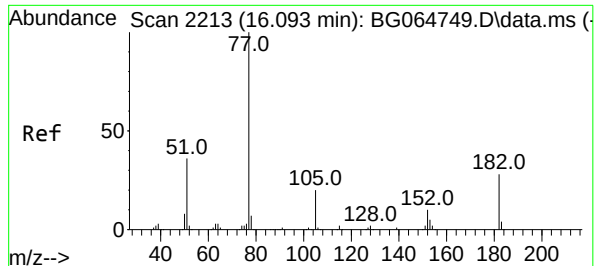
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#62
4-Nitroaniline
Concen: 9.268 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

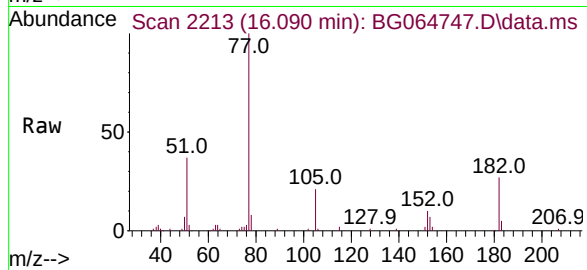
Tgt Ion:138 Resp: 13078
Ion Ratio Lower Upper
138 100
92 48.7 30.7 70.7
108 100.2 85.7 125.7





#63
Azobenzene
Concen: 10.260 ng
RT: 16.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

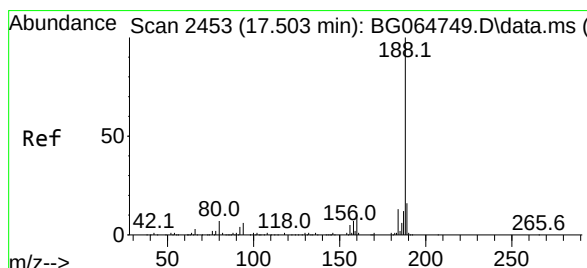
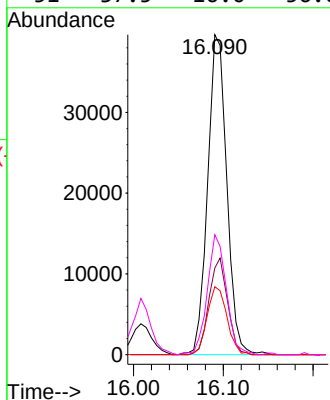
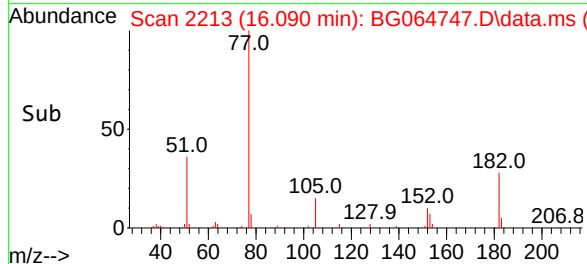
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



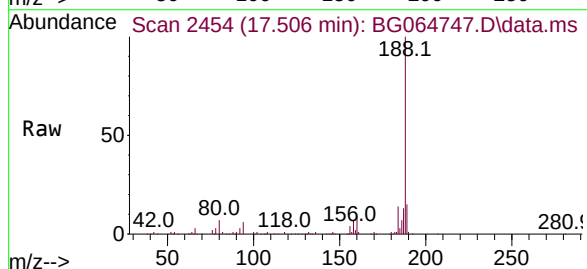
Tgt Ion: 77 Resp: 58632
Ion Ratio Lower Upper
77 100
182 27.1 8.1 48.1
105 21.2 0.1 40.1
51 37.5 16.0 56.0

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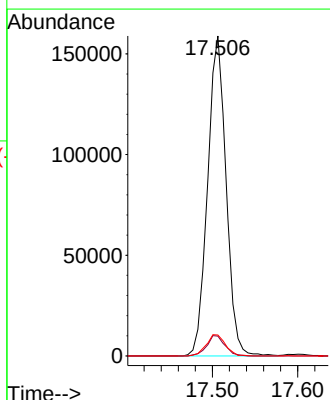
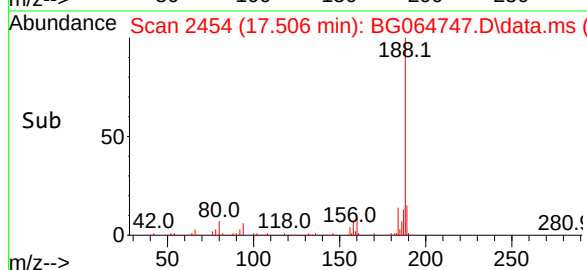
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

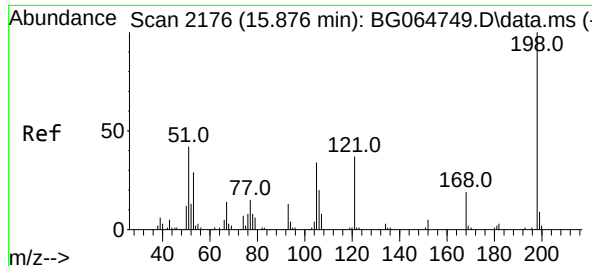


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



Tgt Ion:188 Resp: 239033
Ion Ratio Lower Upper
188 100
94 6.2 4.7 7.1
80 6.5 5.4 8.2





#65

4,6-Dinitro-2-methylphenol

Concen: 6.563 ng

RT: 15.873 min Scan# 2176

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Tgt Ion:198 Resp: 8710

Ion Ratio Lower Upper

198 100

51 40.2 25.2 65.2

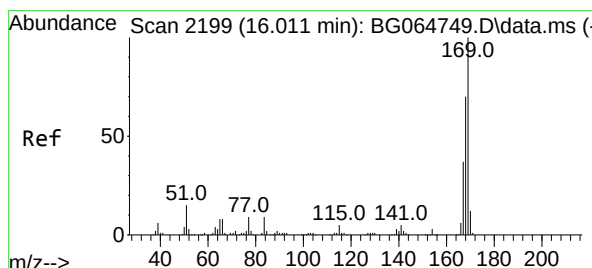
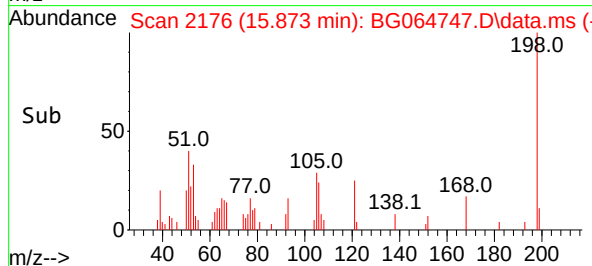
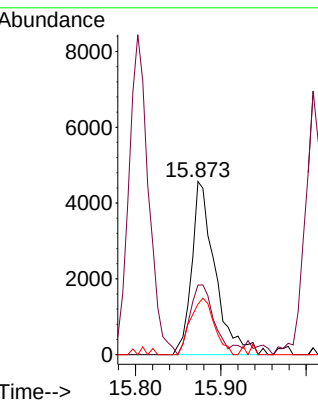
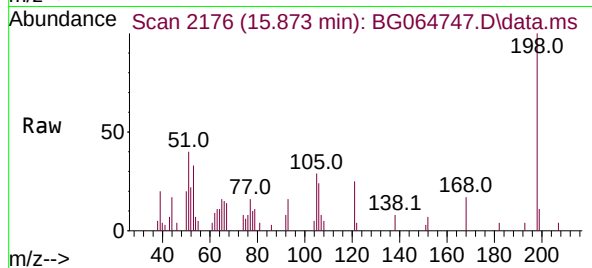
105 29.2 14.2 54.2

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#66

n-Nitrosodiphenylamine

Concen: 10.127 ng

RT: 16.014 min Scan# 2200

Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

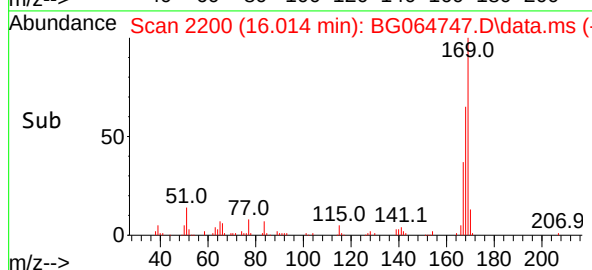
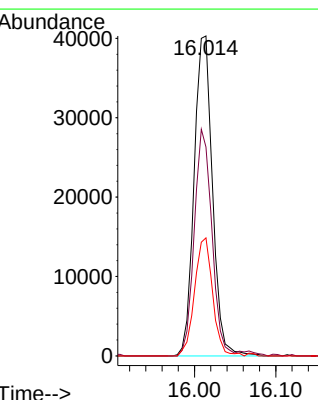
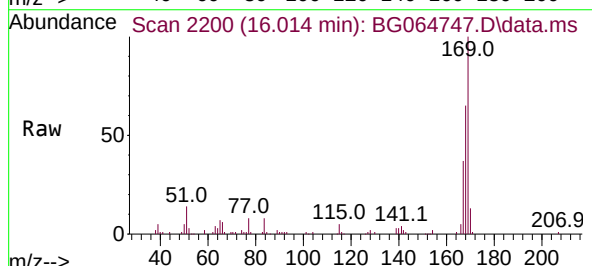
Tgt Ion:169 Resp: 63405

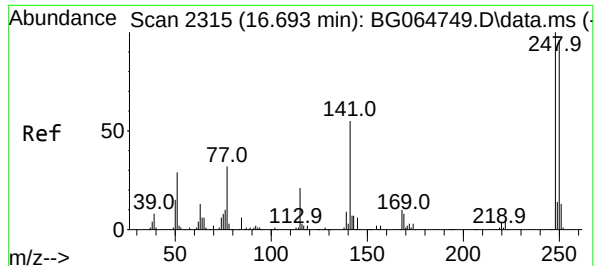
Ion Ratio Lower Upper

169 100

168 65.3 55.9 83.9

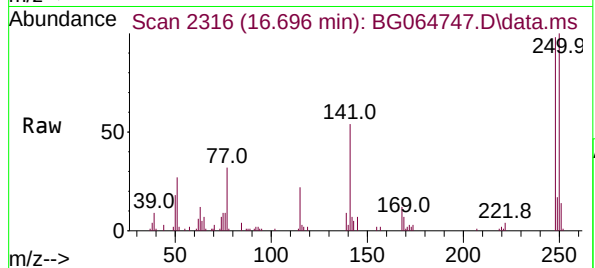
167 36.9 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 10.021 ng
RT: 16.696 min Scan# 2315
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

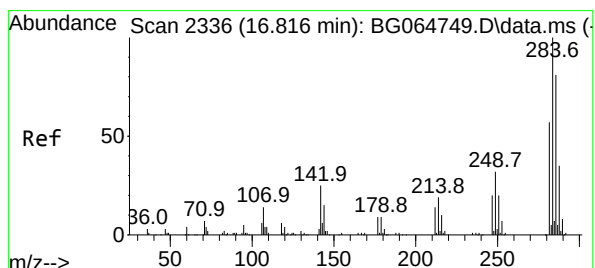
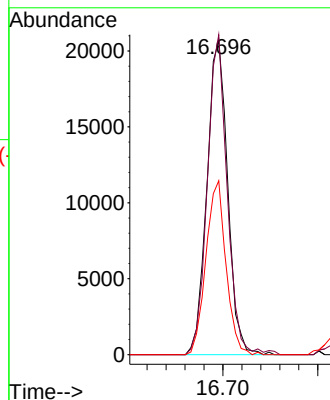
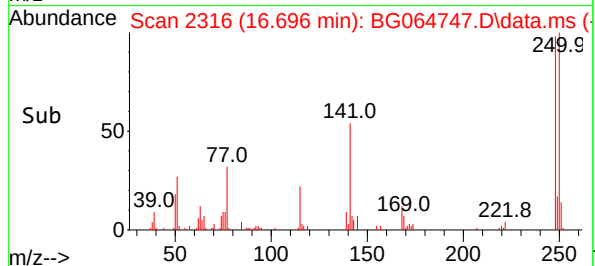
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



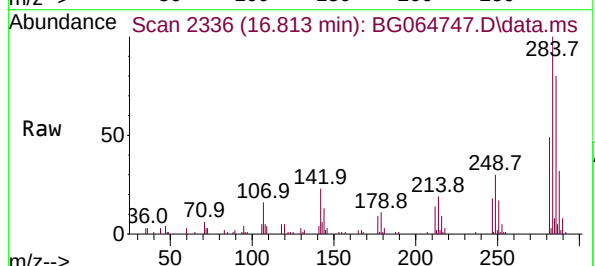
Tgt Ion:248 Resp: 31456
Ion Ratio Lower Upper
248 100
250 101.8 77.0 115.6
141 55.3 43.7 65.5

Manual Integrations
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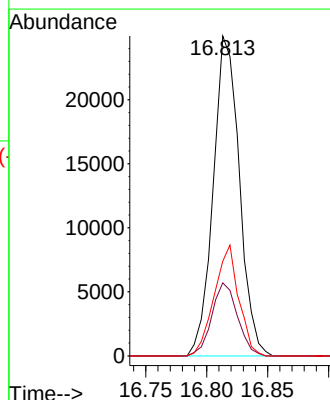
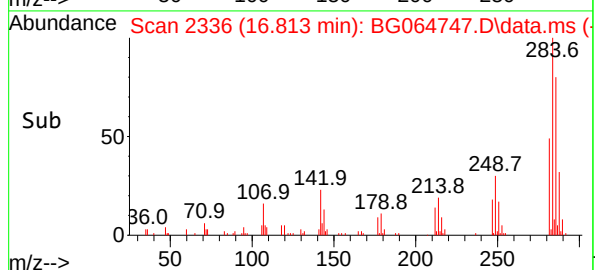
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

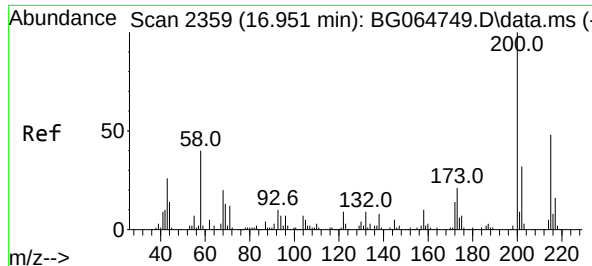


#68
Hexachlorobenzene
Concen: 9.795 ng
RT: 16.813 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



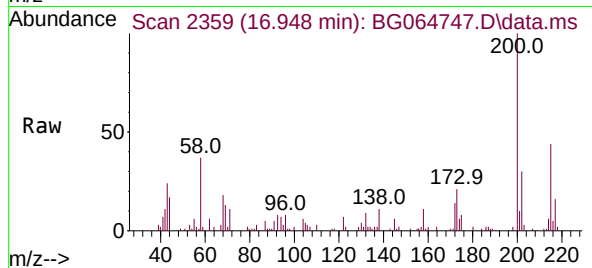
Tgt Ion:284 Resp: 37251
Ion Ratio Lower Upper
284 100
142 22.8 19.7 29.5
249 29.6 28.1 42.1





#69
Atrazine
Concen: 9.940 ng
RT: 16.948 min Scan# 2359
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

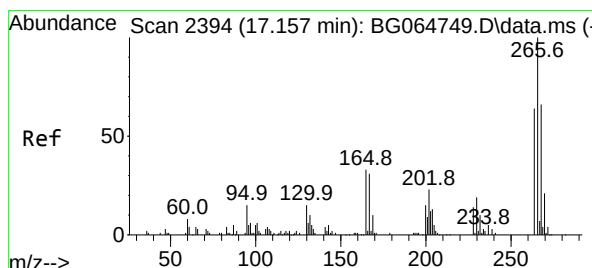
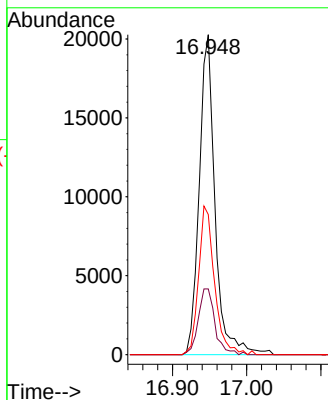
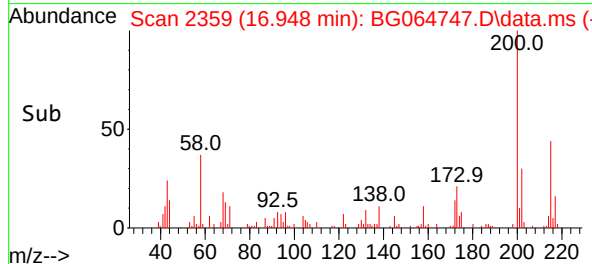
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



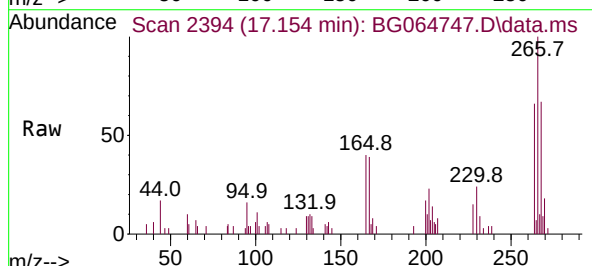
Tgt Ion:200 Resp: 30000
Ion Ratio Lower Upper
200 100
173 20.6 0.9 40.9
215 43.8 27.5 67.5

Manual Integrations
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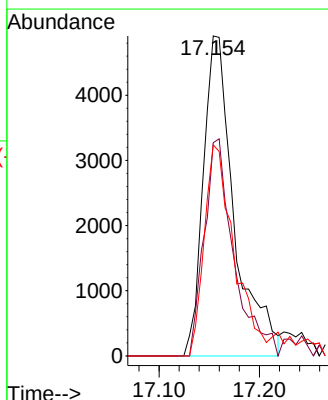
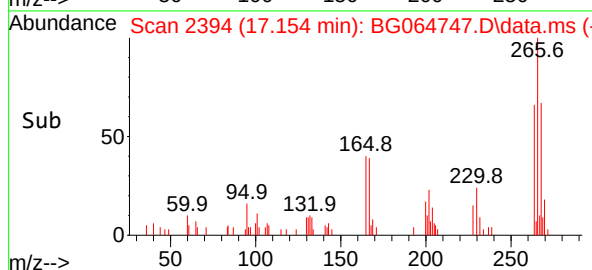
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

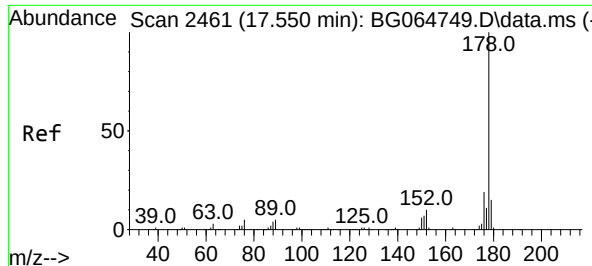


#70
Pentachlorophenol
Concen: 10.475 ng
RT: 17.154 min Scan# 2394
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



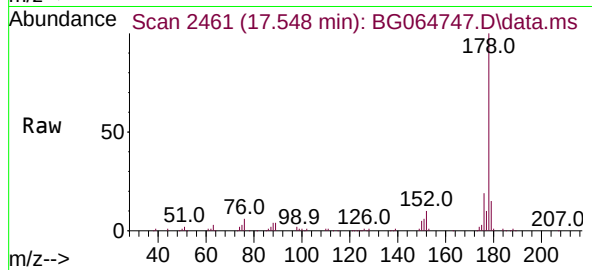
Tgt Ion:266 Resp: 10561
Ion Ratio Lower Upper
266 100
268 75.6 56.1 84.1
264 65.9 51.2 76.8





#71
Phenanthrene
Concen: 10.219 ng
RT: 17.548 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

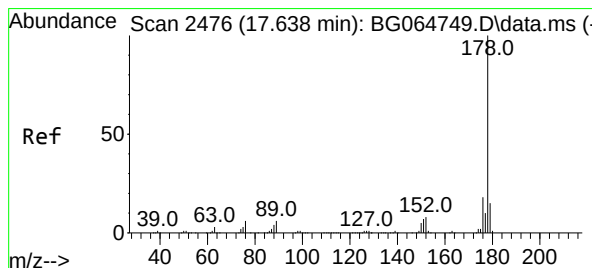
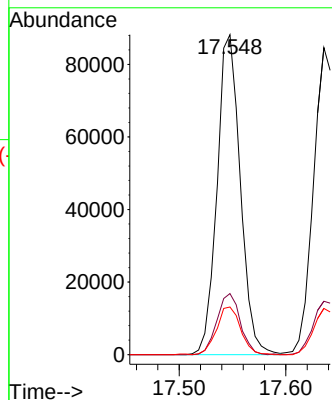
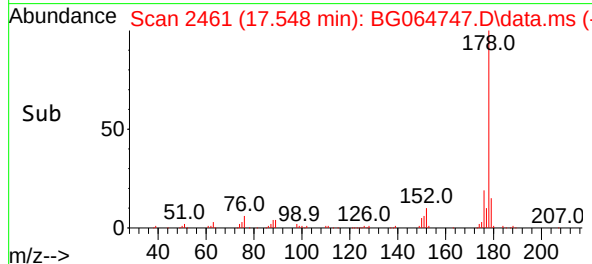
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 133643
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 14.9 12.2 18.4

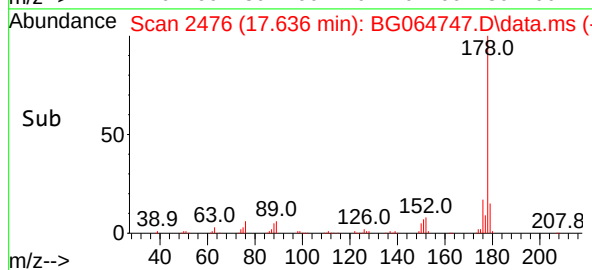
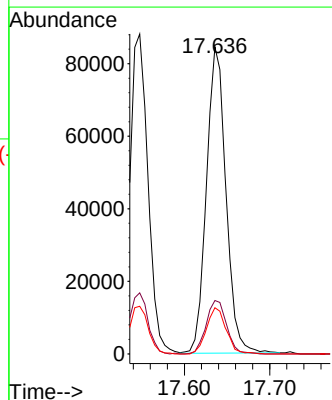
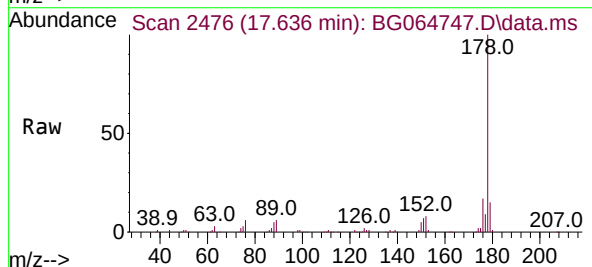
Manual Integrations
APPROVED

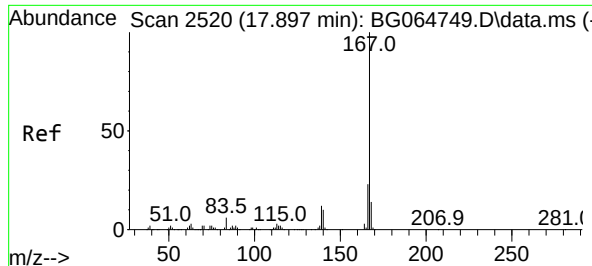
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 10.059 ng
RT: 17.636 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

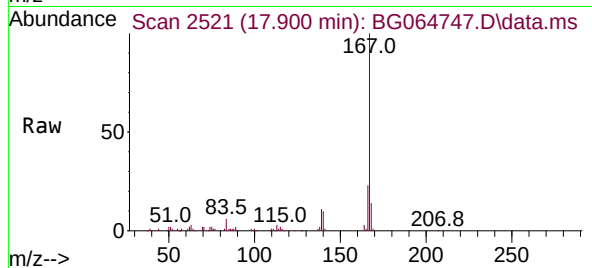
Tgt Ion:178 Resp: 134138
Ion Ratio Lower Upper
178 100
176 17.4 14.5 21.7
179 15.0 12.2 18.4





#73
Carbazole
Concen: 10.286 ng
RT: 17.900 min Scan# 2521
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

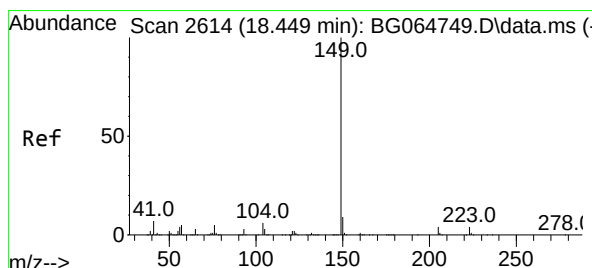
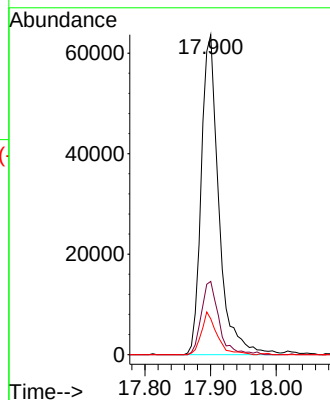
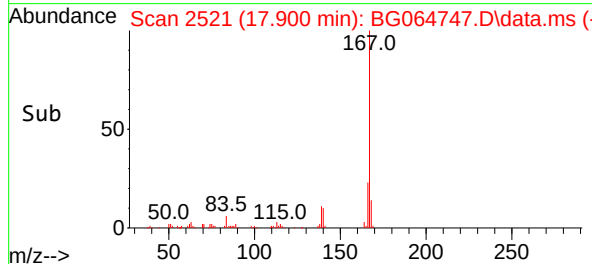
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 117923
Ion Ratio Lower Upper
167 100
166 22.9 18.0 27.0
139 11.2 9.7 14.5

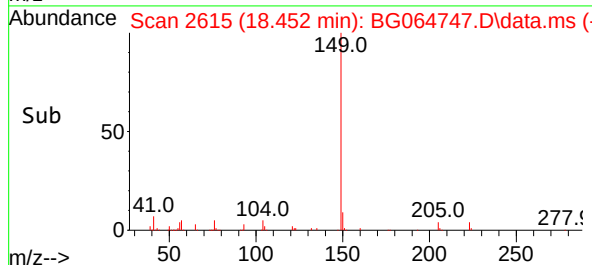
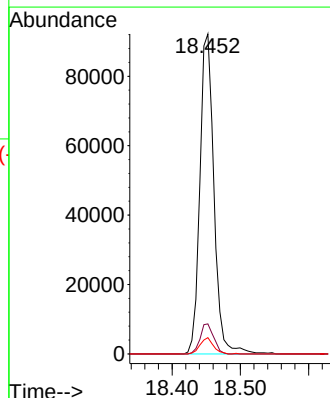
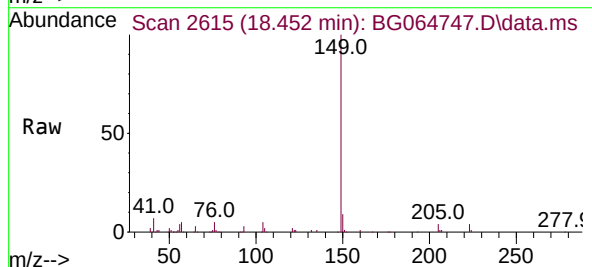
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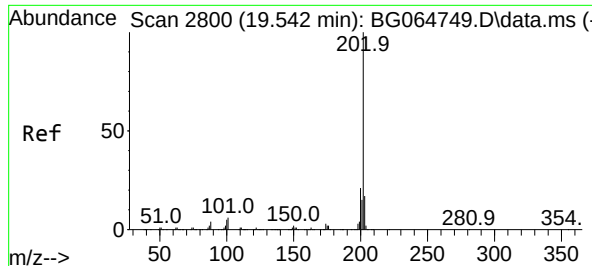
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#74
Di-n-butylphthalate
Concen: 10.340 ng
RT: 18.452 min Scan# 2615
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

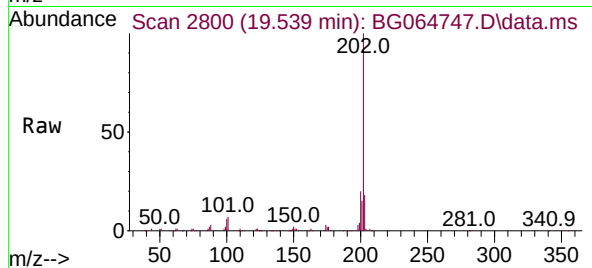
Tgt Ion:149 Resp: 132248
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 10.409 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

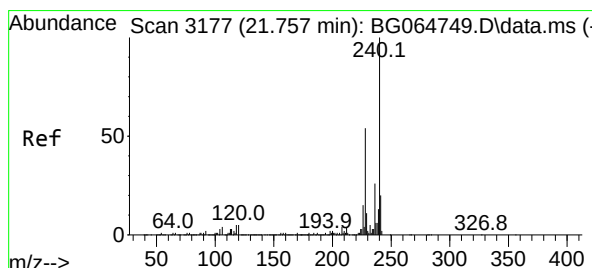
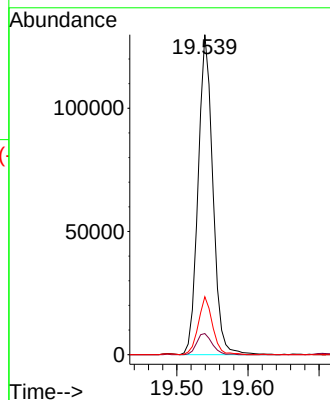
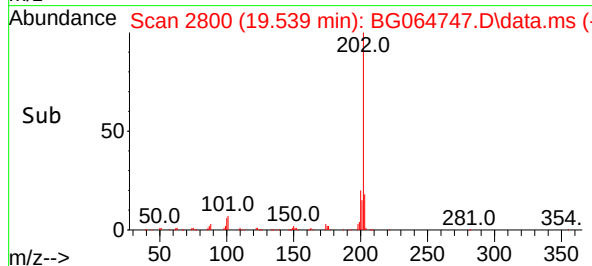
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 186154
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.4
203 18.1 0.0 37.5

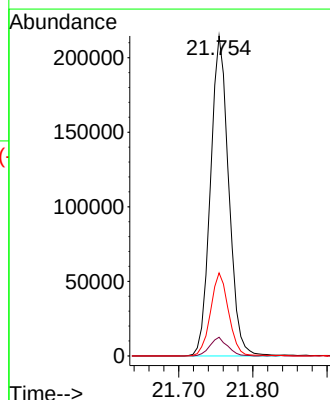
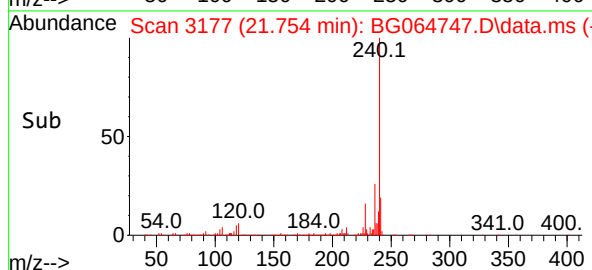
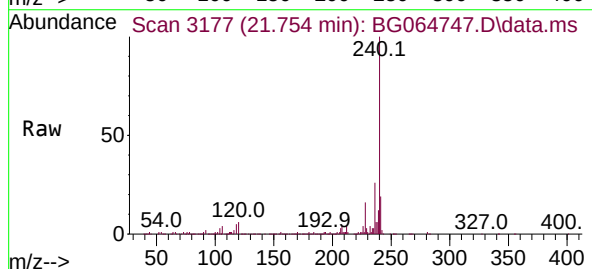
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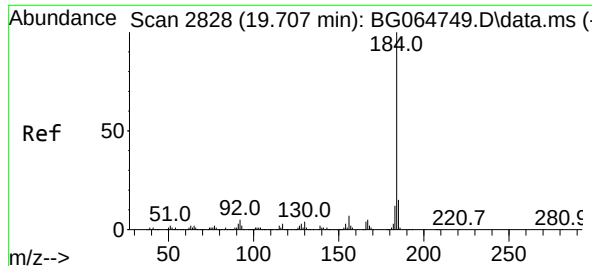
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

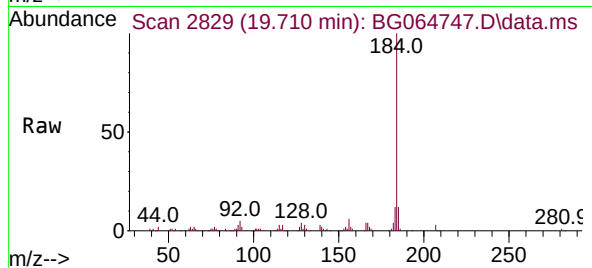
Tgt Ion:240 Resp: 366018
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.4
236 25.9 20.8 31.2





#77
Benzidine
Concen: 11.249 ng
RT: 19.710 min Scan# 2829
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

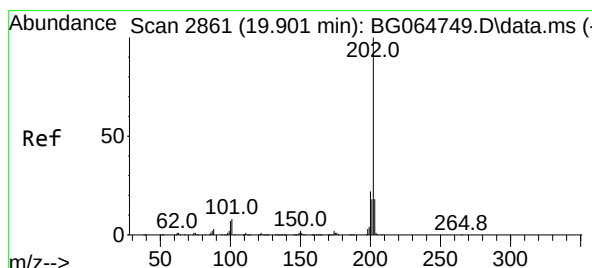
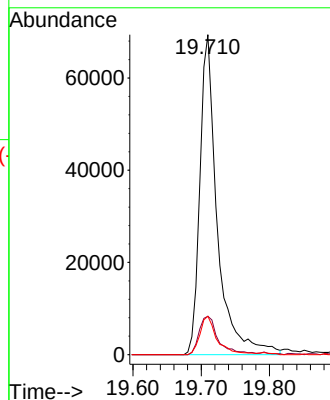
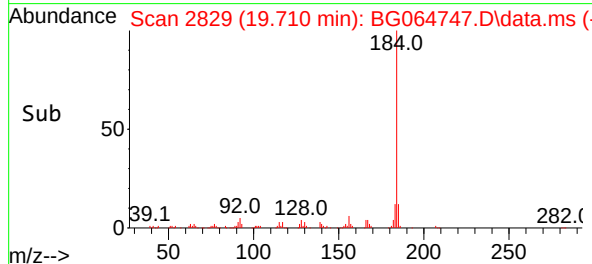
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:184 Resp: 123305
Ion Ratio Lower Upper
184 100
185 12.0 11.8 17.6
183 12.0 9.8 14.6

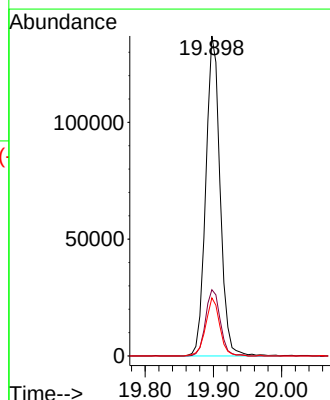
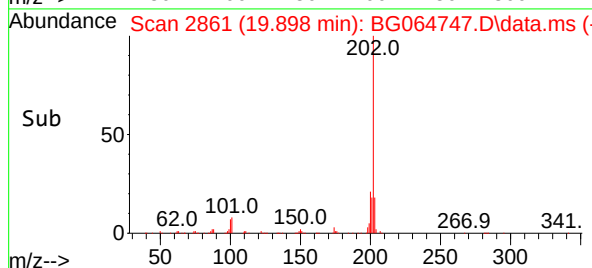
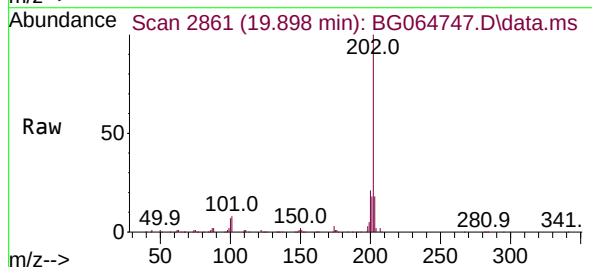
Manual Integrations
APPROVED

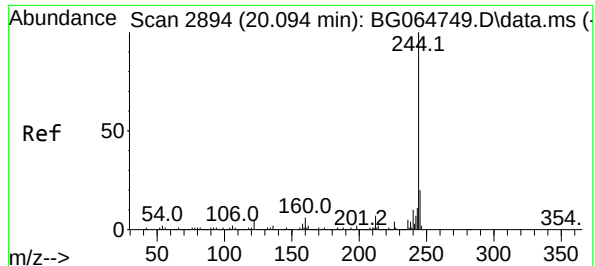
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 9.719 ng
RT: 19.898 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

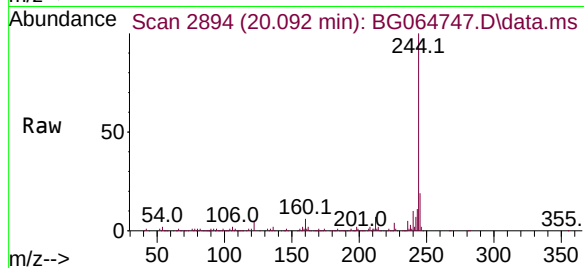
Tgt Ion:202 Resp: 199370
Ion Ratio Lower Upper
202 100
200 20.7 17.9 26.9
203 18.1 14.0 21.0





#79
Terphenyl-d14
Concen: 20.217 ng
RT: 20.092 min Scan# 2894
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

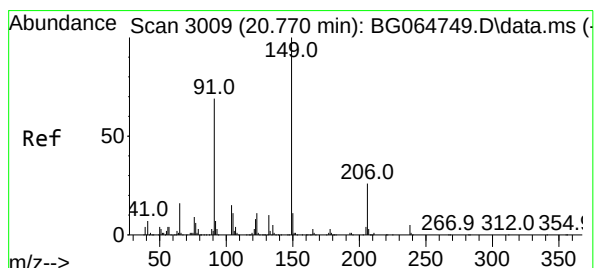
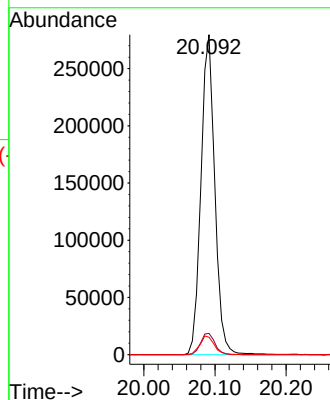
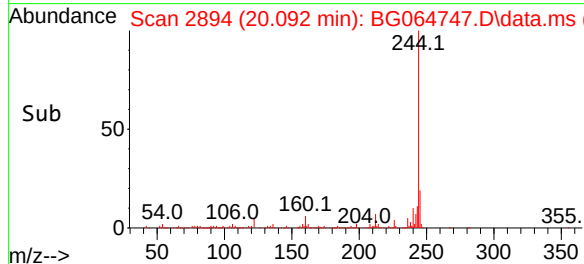
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



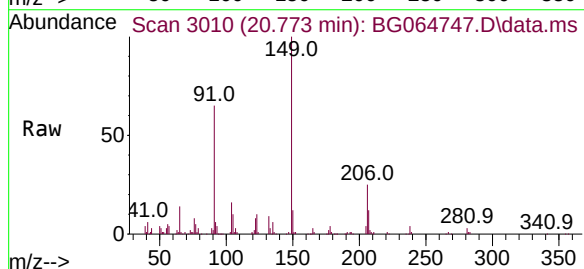
Tgt Ion:244 Resp: 376175
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 5.5 4.3 6.5

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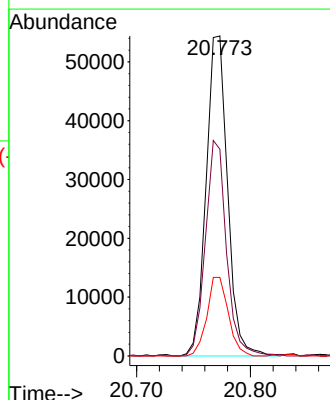
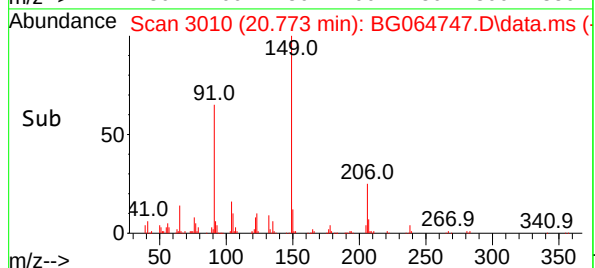
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

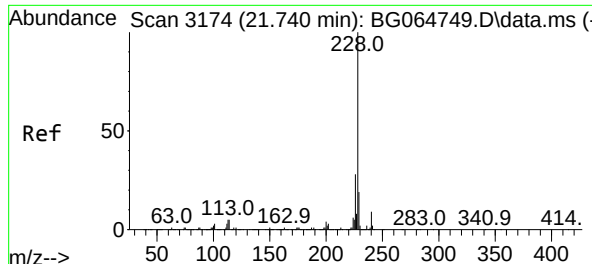


#80
Butylbenzylphthalate
Concen: 9.908 ng
RT: 20.773 min Scan# 3010
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



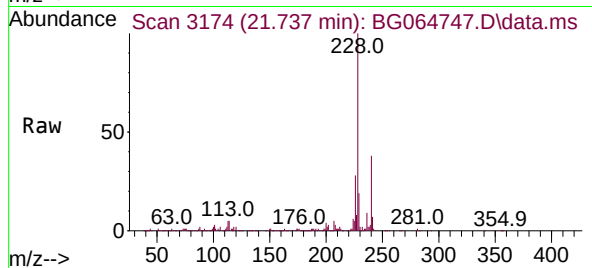
Tgt Ion:149 Resp: 71488
Ion Ratio Lower Upper
149 100
91 64.6 54.9 82.3
206 24.5 21.2 31.8





#81
Benzo(a)anthracene
Concen: 10.079 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

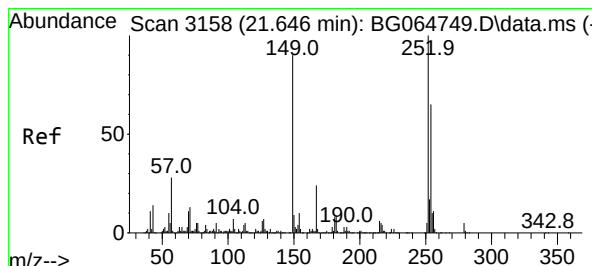
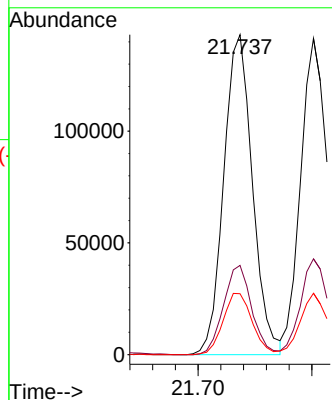
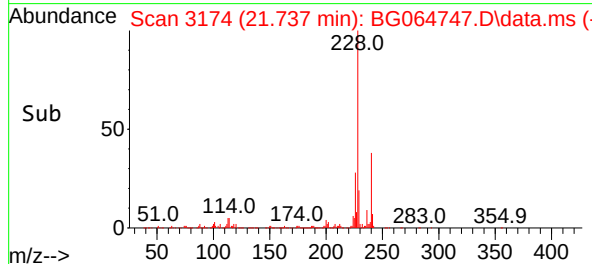
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 250849
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.0 15.5 23.3

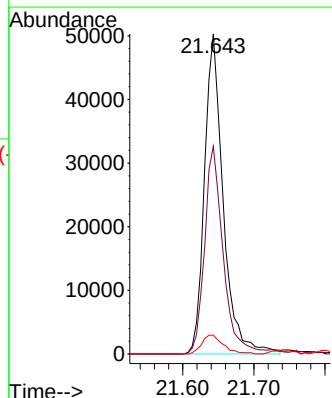
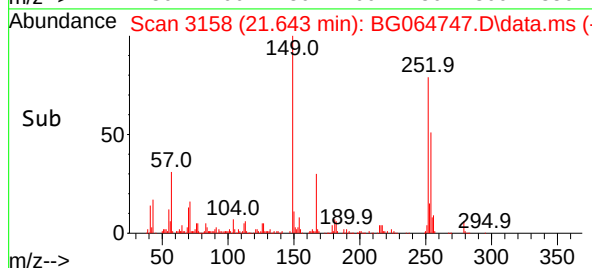
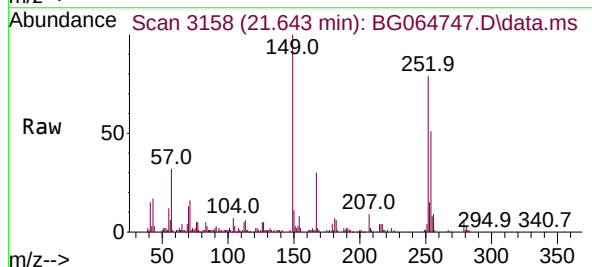
Manual Integrations
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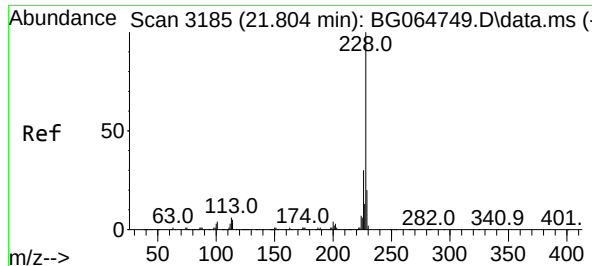
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 10.018 ng
RT: 21.643 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:252 Resp: 91769
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.8
126 5.9 4.7 7.1





#83

Chrysene

Concen: 10.080 ng

RT: 21.801 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

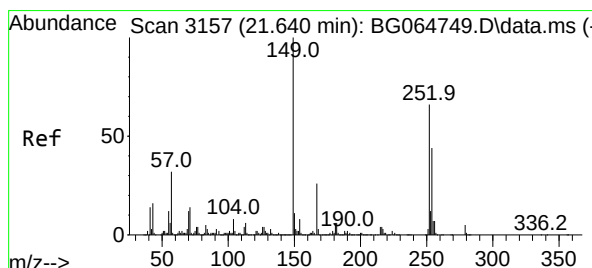
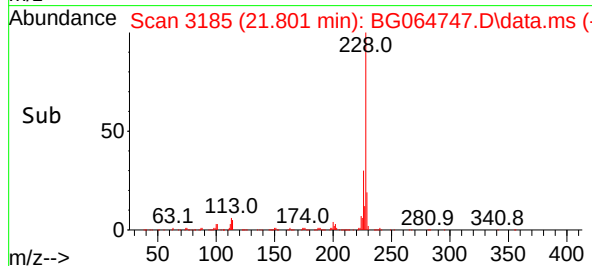
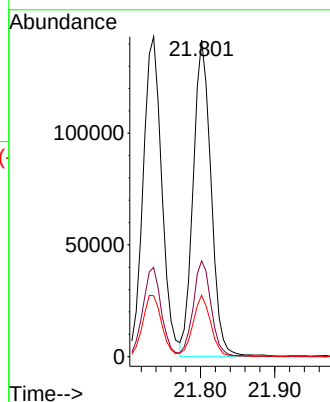
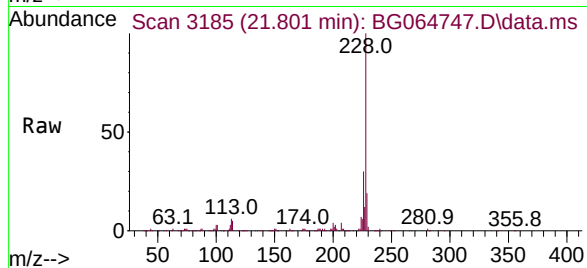
ClientSampleId :

SSTDICC010

Tgt Ion:	228	Resp:	23651
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.2	36.2
229	19.4	16.0	24.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.092 ng

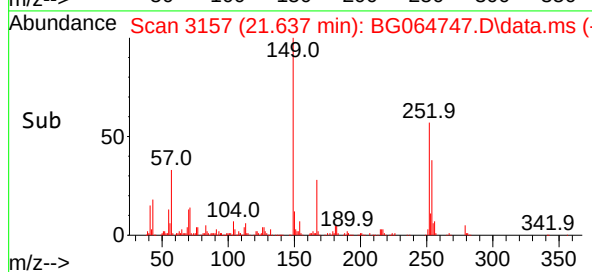
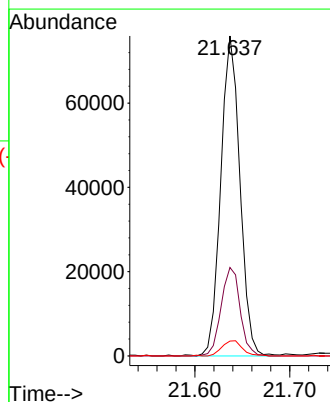
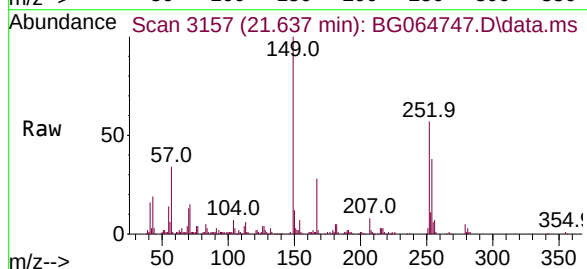
RT: 21.637 min Scan# 3157

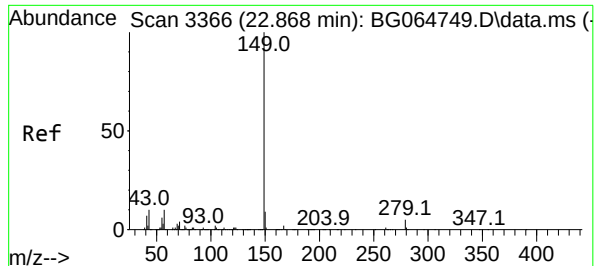
Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:	149	Resp:	106405
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.0	31.4
279	4.6	4.1	6.1





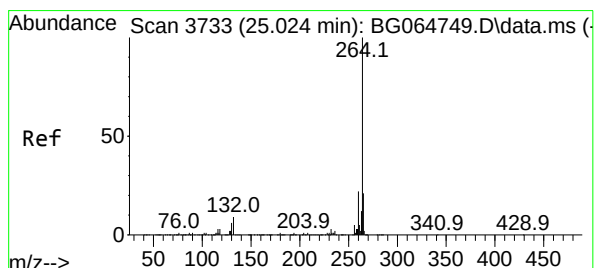
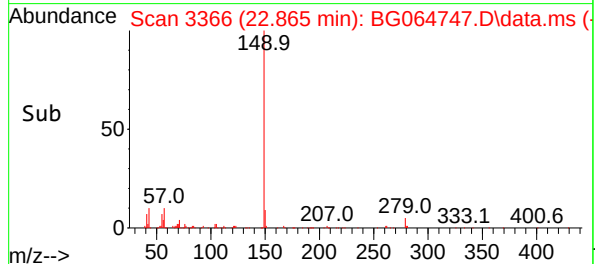
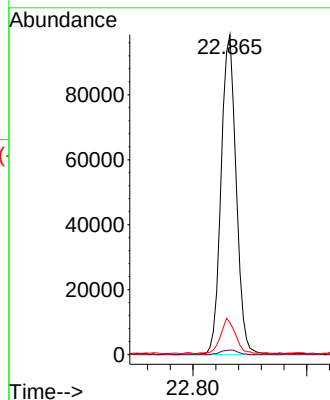
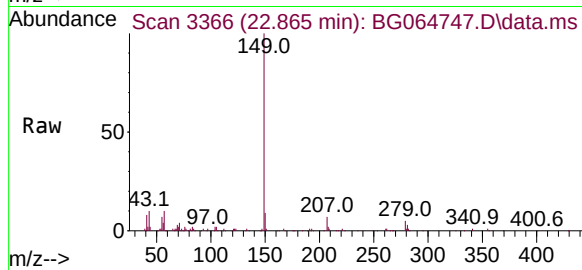
#85
Di-n-octyl phthalate
Concen: 9.967 ng
RT: 22.865 min Scan# 3366
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 181658
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 8.3 12.5

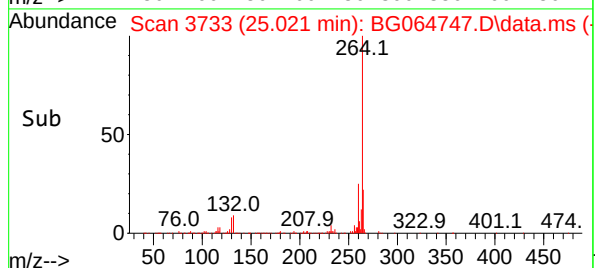
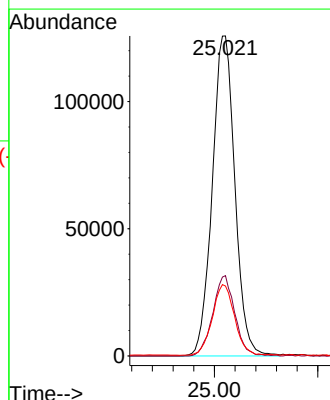
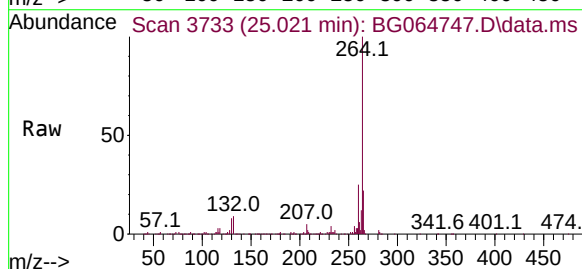
Manual Integrations
APPROVED

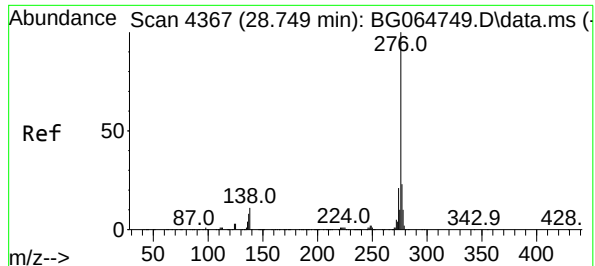
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 3733
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

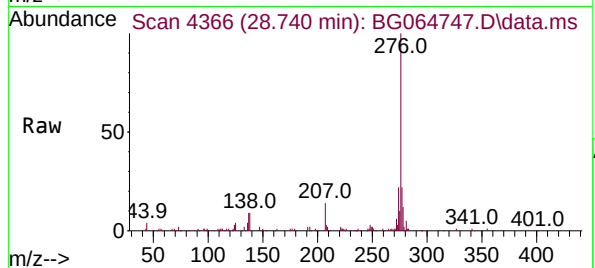
Tgt Ion:264 Resp: 382667
Ion Ratio Lower Upper
264 100
260 25.1 17.2 25.8
265 21.9 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.636 ng
RT: 28.740 min Scan# 4367
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

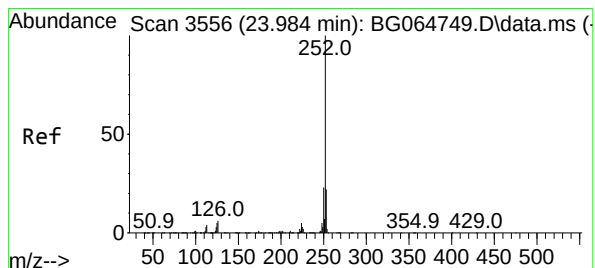
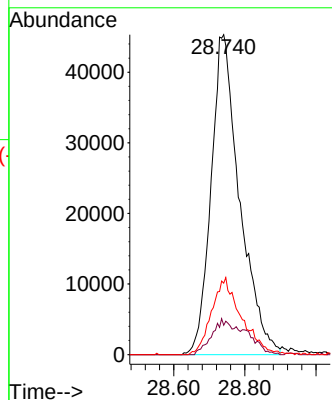
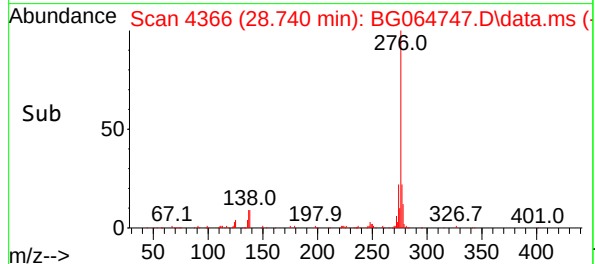
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



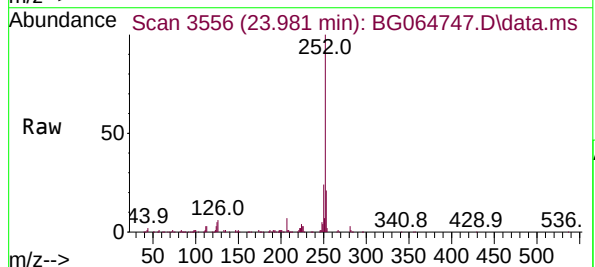
Tgt Ion: 276 Resp: 253326
Ion Ratio Lower Upper
276 100
138 9.2 4.5 6.7
277 24.9 20.0 30.0

Manual Integrations
APPROVED

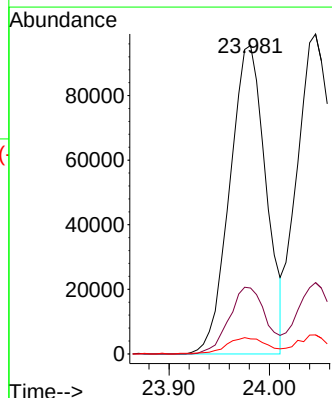
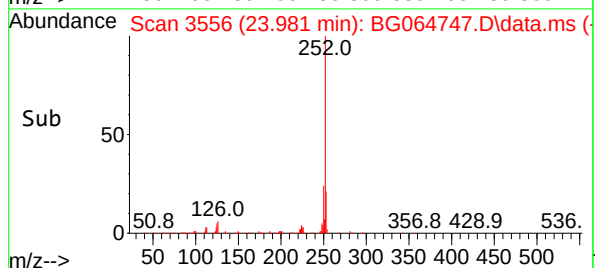
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025

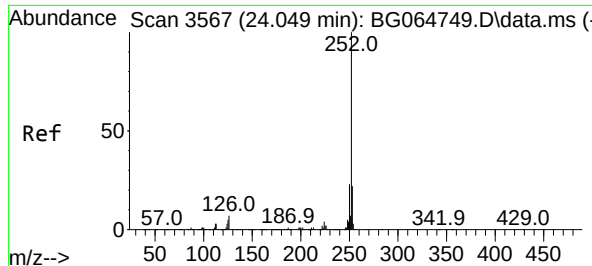


#88
Benzo(b)fluoranthene
Concen: 9.825 ng
RT: 23.981 min Scan# 3556
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



Tgt Ion: 252 Resp: 239260
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 4.8 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 10.137 ng

RT: 24.046 min Scan# 3567

Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

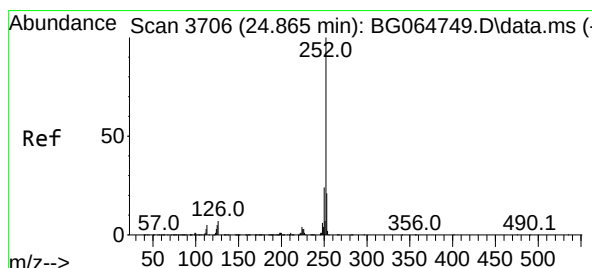
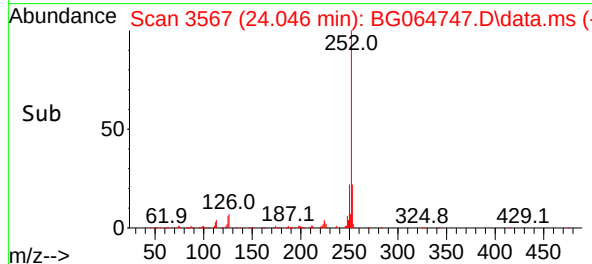
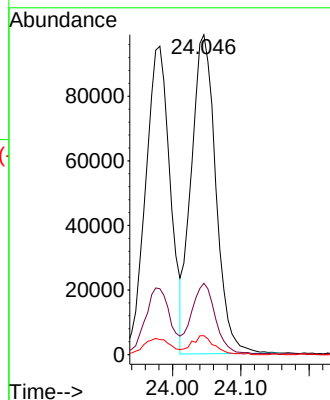
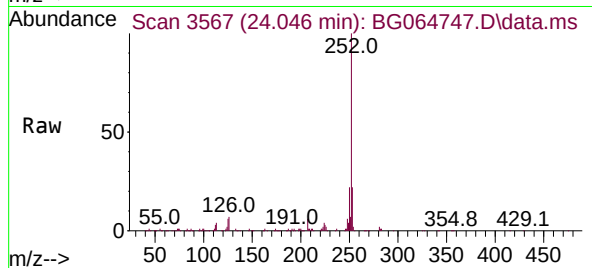
SSTDICC010

Tgt Ion:252	Resp: 248008
Ion Ratio	Lower Upper
252	100
253	22.3 17.8 26.8
125	5.9 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 9.960 ng

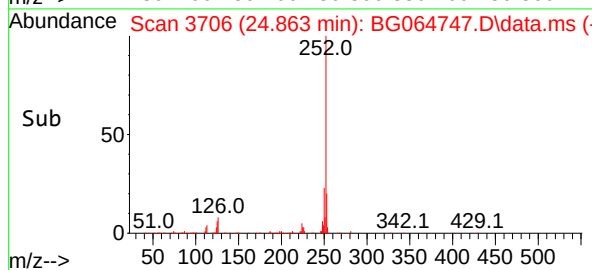
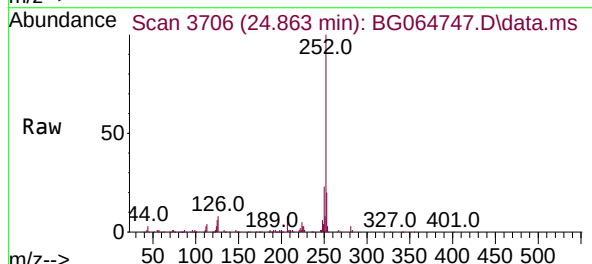
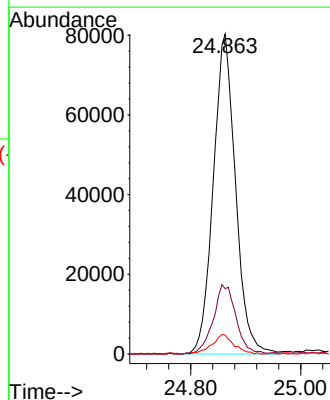
RT: 24.863 min Scan# 3706

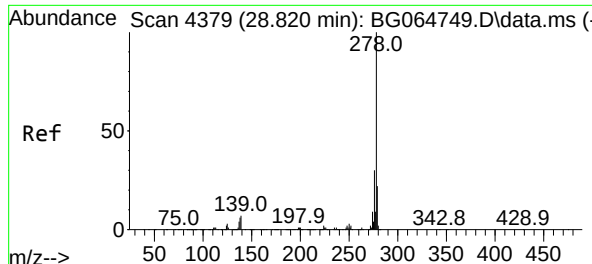
Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

Tgt Ion:252	Resp: 224991
Ion Ratio	Lower Upper
252	100
253	20.4 16.9 25.3
125	5.9 4.2 6.4





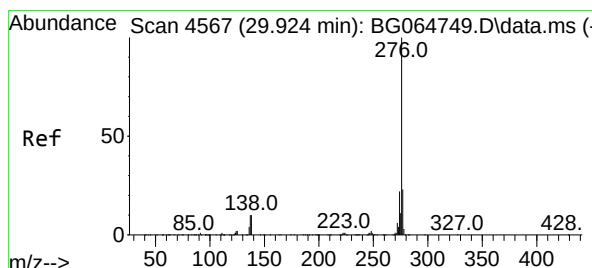
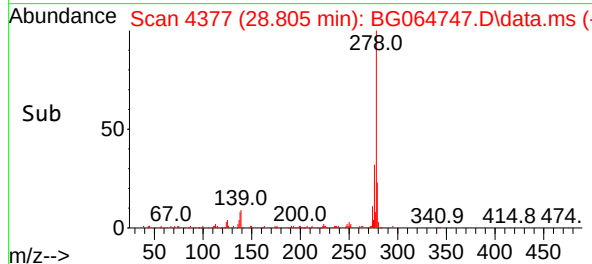
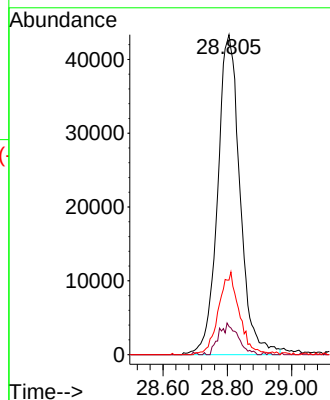
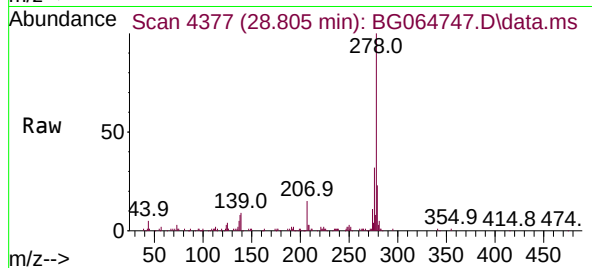
#91
Dibenzo(a,h)anthracene
Concen: 9.702 ng
RT: 28.805 min Scan# 4379
Delta R.T. -0.015 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 208966
Ion Ratio Lower Upper
278 100
139 8.8 5.8 8.8
279 23.3 17.3 25.9

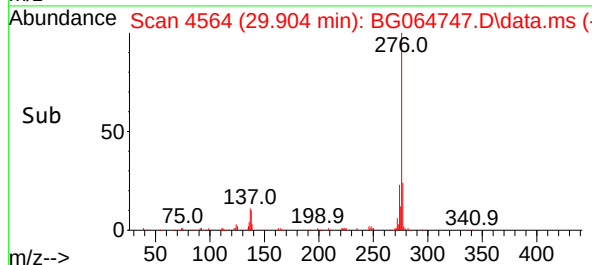
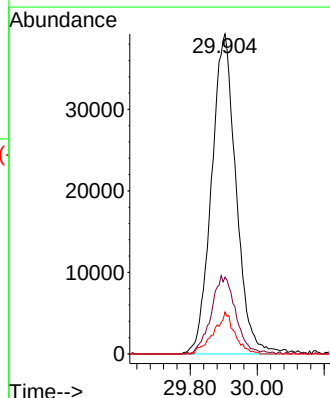
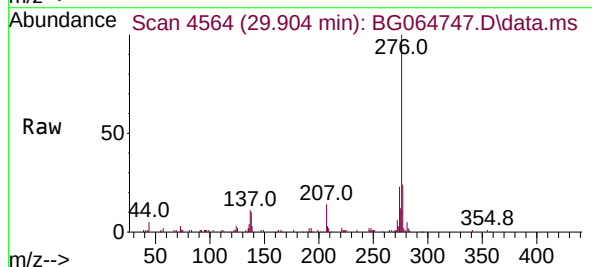
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 9.639 ng
RT: 29.904 min Scan# 4564
Delta R.T. -0.020 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Tgt Ion:276 Resp: 199793
Ion Ratio Lower Upper
276 100
277 24.0 18.0 27.0
138 13.1 8.2 12.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064748.D
 Acq On : 12 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:56:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.167	152	30983	20.000	ng	0.00
21) Naphthalene-d8	10.982	136	122144	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	99587	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	258312	20.000	ng	0.00
76) Chrysene-d12	21.757	240	361266	20.000	ng	0.00
86) Perylene-d12	25.018	264	380612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	72167	40.674	ng	0.00
7) Phenol-d6	7.304	99	95345	40.402	ng	0.00
23) Nitrobenzene-d5	9.325	82	100042	40.496	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	81708	42.069	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	300532	42.108	ng	0.00
79) Terphenyl-d14	20.089	244	766056	41.712	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.532	88	13788	20.073	ng	95
3) Pyridine	3.943	79	40729	19.901	ng	97
4) n-Nitrosodimethylamine	3.849	42	20577	19.754	ng	100
6) Aniline	7.480	93	65205	20.729	ng	96
8) 2-Chlorophenol	7.727	128	39290	20.167	ng	97
9) Benzaldehyde	7.292	77	30372	19.661	ng	96
10) Phenol	7.333	94	51616	20.103	ng	97
11) bis(2-Chloroethyl)ether	7.574	93	37916	20.752	ng	98
12) 1,3-Dichlorobenzene	8.056	146	46058	20.545	ng	96
13) 1,4-Dichlorobenzene	8.203	146	47387	20.759	ng	96
14) 1,2-Dichlorobenzene	8.526	146	44745	20.216	ng	96
15) Benzyl Alcohol	8.397	79	38065	19.651	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.696	45	91675	21.198	ng	98
17) 2-Methylphenol	8.596	107	37068	20.403	ng	93
18) Hexachloroethane	9.266	117	17722	20.498	ng	97
19) n-Nitroso-di-n-propyla...	8.967	70	34572	21.667	ng	94
20) 3+4-Methylphenols	8.925	107	50448	20.269	ng	88
22) Acetophenone	8.984	105	70914	21.310	ng	99
24) Nitrobenzene	9.366	77	52662	21.097	ng	93
25) Isophorone	9.895	82	97191	20.659	ng	95
26) 2-Nitrophenol	10.089	139	23040	20.521	ng	96
27) 2,4-Dimethylphenol	10.136	122	41015	20.563	ng	97
28) bis(2-Chloroethoxy)met...	10.371	93	54247	21.004	ng	100
29) 2,4-Dichlorophenol	10.623	162	44768	20.905	ng	95
30) 1,2,4-Trichlorobenzene	10.847	180	54086	20.916	ng	99
31) Naphthalene	11.035	128	142862	20.633	ng	99
32) Benzoic acid	10.218	122	20309m	18.429	ng	
33) 4-Chloroaniline	11.129	127	58239	21.026	ng	98
34) Hexachlorobutadiene	11.323	225	45189	20.367	ng	98
35) Caprolactam	11.875	113	12678	19.811	ng	95
36) 4-Chloro-3-methylphenol	12.233	107	48730	20.444	ng	98
37) 2-Methylnaphthalene	12.627	142	110208	21.269	ng	99
38) 1-Methylnaphthalene	12.844	142	107491	20.884	ng	96
40) 1,2,4,5-Tetrachloroben...	12.991	216	80735	20.831	ng	99
41) Hexachlorocyclopentadiene	12.974	237	54509	19.622	ng	98
43) 2,4,6-Trichlorophenol	13.214	196	46989	20.658	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064748.D
 Acq On : 12 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:56:17 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	54340	21.300	ng	95
46) 1,1'-Biphenyl	13.614	154	149187	20.857	ng	97
47) 2-Chloronaphthalene	13.661	162	116198	20.620	ng	97
48) 2-Nitroaniline	13.849	65	37146	20.495	ng	97
49) Acenaphthylene	14.501	152	198809	20.651	ng	98
50) Dimethylphthalate	14.219	163	164729	20.940	ng	99
51) 2,6-Dinitrotoluene	14.331	165	31143	20.573	ng	96
52) Acenaphthene	14.836	154	116463	20.176	ng	97
53) 3-Nitroaniline	14.666	138	29942	20.041	ng	95
54) 2,4-Dinitrophenol	14.871	184	11387	18.387	ng	94
55) Dibenzofuran	15.171	168	198574	20.809	ng	97
56) 4-Nitrophenol	14.954	139	22343	18.849	ng	# 86
57) 2,4-Dinitrotoluene	15.112	165	47500	20.931	ng	98
58) Fluorene	15.817	166	158837	21.222	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.388	232	51855	20.601	ng	97
60) Diethylphthalate	15.571	149	157815	20.942	ng	99
61) 4-Chlorophenyl-phenyle...	15.806	204	93601	20.839	ng	97
62) 4-Nitroaniline	15.811	138	31639	20.442	ng	90
63) Azobenzene	16.093	77	130344	20.795	ng	97
65) 4,6-Dinitro-2-methylph...	15.876	198	25607	17.855	ng	96
66) n-Nitrosodiphenylamine	16.011	169	140419	20.753	ng	100
67) 4-Bromophenyl-phenylether	16.693	248	69609	20.520	ng	98
68) Hexachlorobenzene	16.816	284	84192	20.485	ng	98
69) Atrazine	16.945	200	66348	20.339	ng	97
70) Pentachlorophenol	17.157	266	35678	19.686	ng	99
71) Phenanthrene	17.545	178	290163	20.531	ng	100
72) Anthracene	17.639	178	297476	20.642	ng	100
73) Carbazole	17.897	167	253683	20.477	ng	99
74) Di-n-butylphthalate	18.450	149	285465	20.654	ng	98
75) Fluoranthene	19.542	202	395447	20.462	ng	98
77) Benzidine	19.707	184	228040	21.077	ng	99
78) Pyrene	19.901	202	413710	20.433	ng	97
80) Butylbenzylphthalate	20.770	149	145343	20.408	ng	97
81) Benzo(a)anthracene	21.734	228	503863	20.512	ng	99
82) 3,3'-Dichlorobenzidine	21.640	252	186980	20.680	ng	99
83) Chrysene	21.804	228	470111	20.299	ng	99
84) Bis(2-ethylhexyl)phtha...	21.640	149	216073	20.763	ng	98
85) Di-n-octyl phthalate	22.862	149	370539	20.598	ng	99
87) Indeno(1,2,3-cd)pyrene	28.737	276	528109	20.196	ng	# 96
88) Benzo(b)fluoranthene	23.978	252	494588	20.419	ng	99
89) Benzo(k)fluoranthene	24.049	252	502781	20.661	ng	98
90) Benzo(a)pyrene	24.860	252	455638	20.279	ng	# 97
91) Dibenzo(a,h)anthracene	28.808	278	429357	20.043	ng	93
92) Benzo(g,h,i)perylene	29.901	276	415387	20.148	ng	99

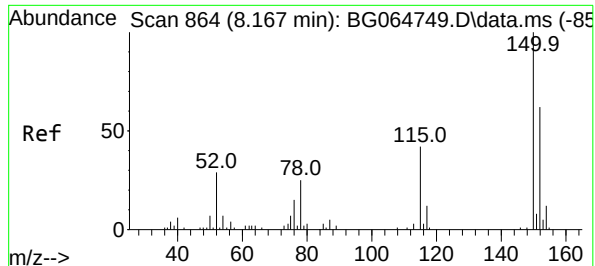
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations

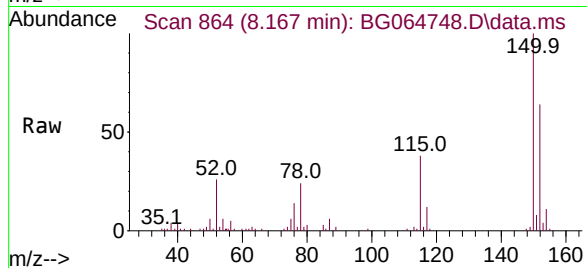
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.167 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

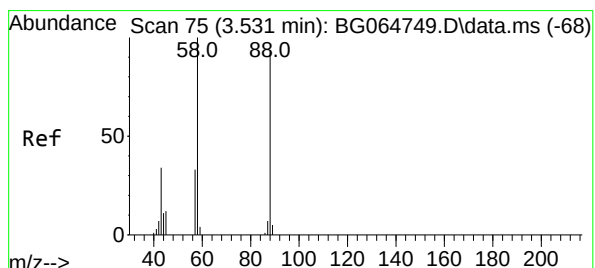
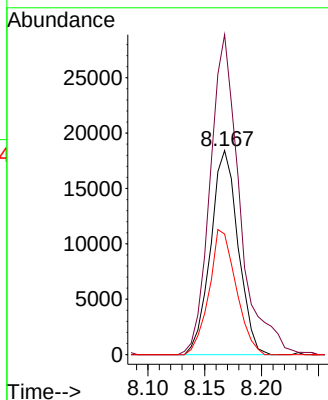
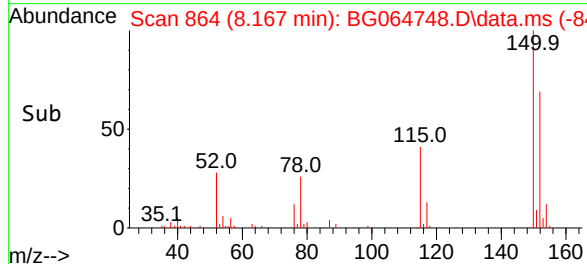
Instrument :
BNA_G
Client SampleId :
SSTDICC020



Tgt Ion: 152 Resp: 3098
Ion Ratio Lower Upper
152 100
150 156.8 129.2 193.8
115 59.1 53.7 80.5

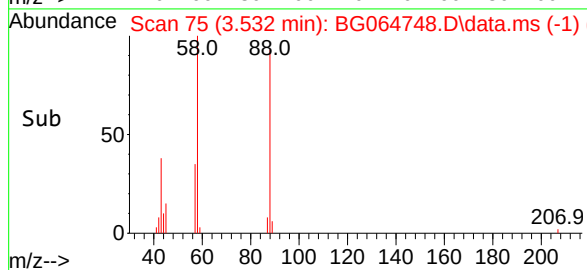
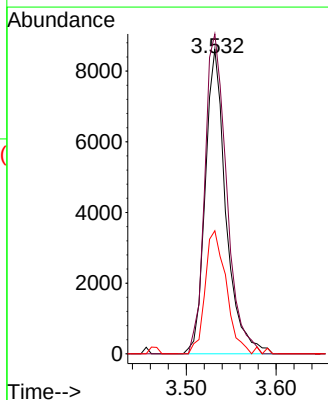
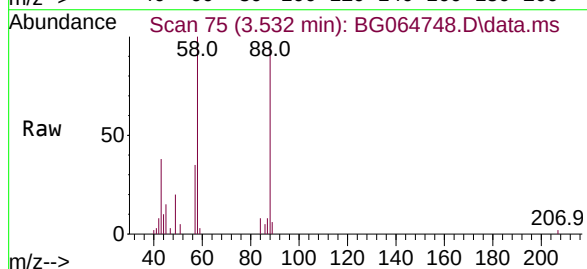
Manual Integrations
APPROVED

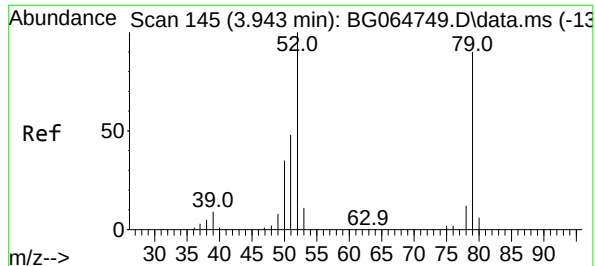
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 20.073 ng
RT: 3.532 min Scan# 75
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 88 Resp: 13788
Ion Ratio Lower Upper
88 100
58 110.7 84.6 126.8
43 41.3 30.0 45.0





#3

Pyridine

Concen: 19.901 ng

RT: 3.943 min Scan# 145

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

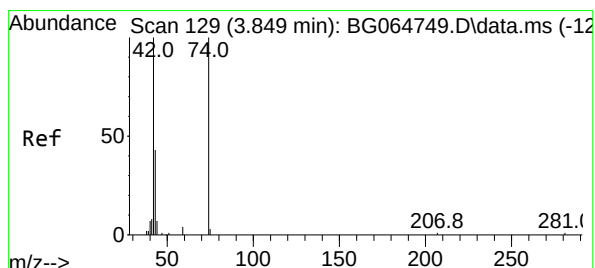
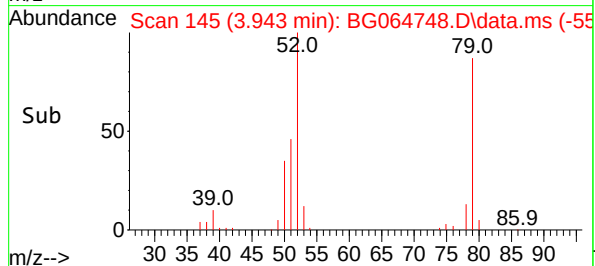
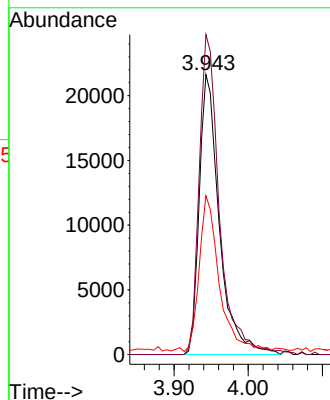
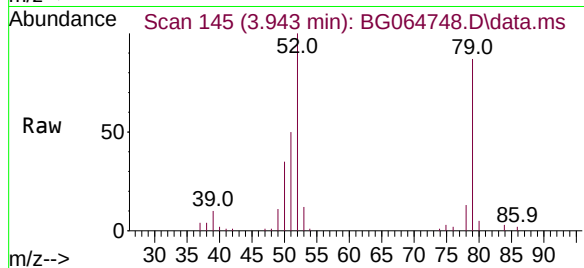
SSTDICC020

Tgt Ion:	79	Resp:	40729
Ion	Ratio	Lower	Upper
79	100		
52	114.3	89.0	133.4
51	56.7	43.4	65.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4

n-Nitrosodimethylamine

Concen: 19.754 ng

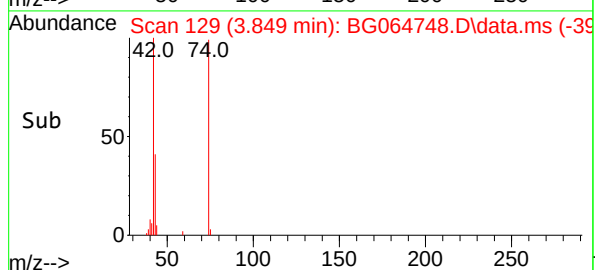
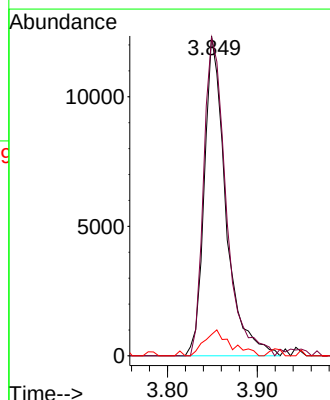
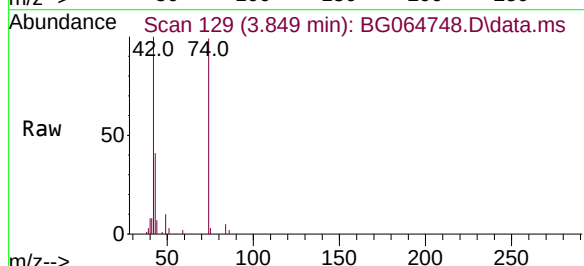
RT: 3.849 min Scan# 129

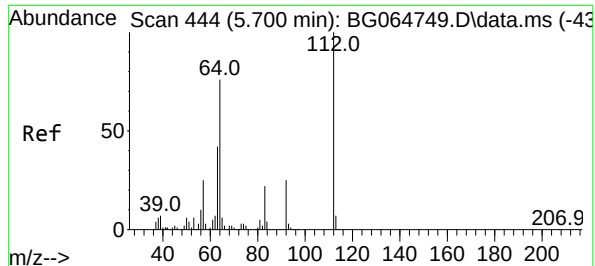
Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Tgt Ion:	42	Resp:	20577
Ion	Ratio	Lower	Upper
42	100		
74	99.5	79.8	119.6
44	6.7	5.9	8.9





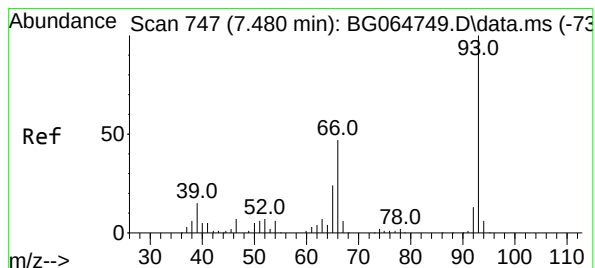
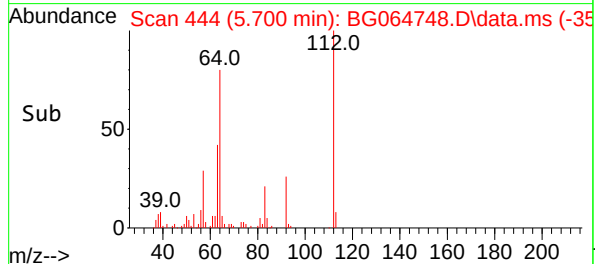
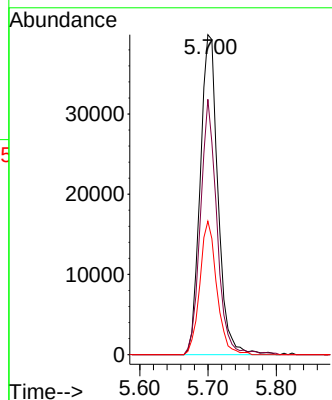
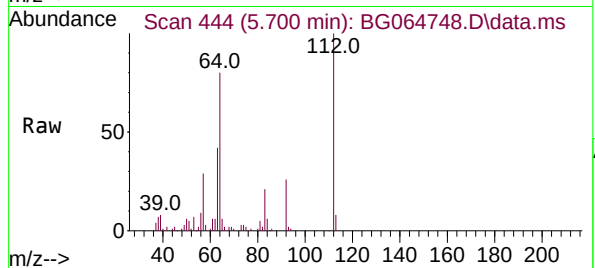
#5
2-Fluorophenol
Concen: 40.674 ng
RT: 5.700 min Scan# 444
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion: 112 Resp: 7216
Ion Ratio Lower Upper
112 100
64 79.8 61.0 91.4
63 41.7 33.3 49.9

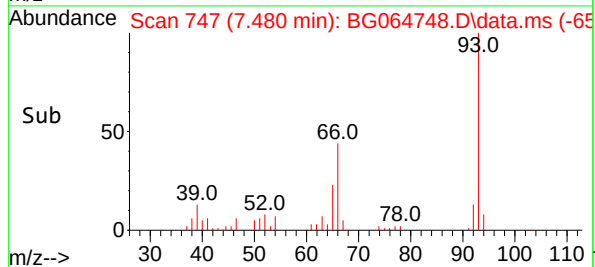
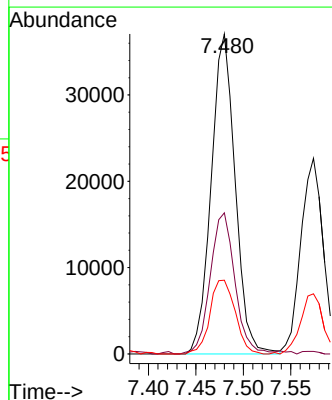
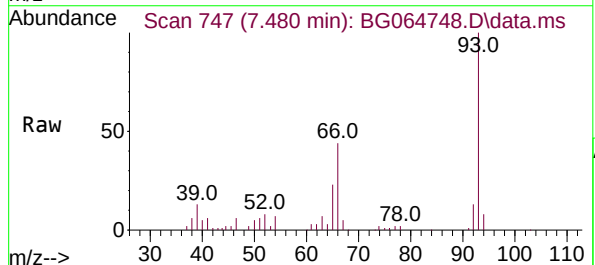
Manual Integrations
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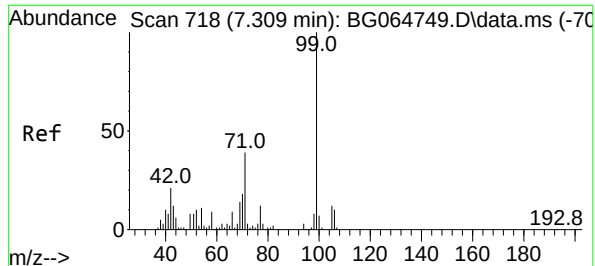
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 20.729 ng
RT: 7.480 min Scan# 747
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

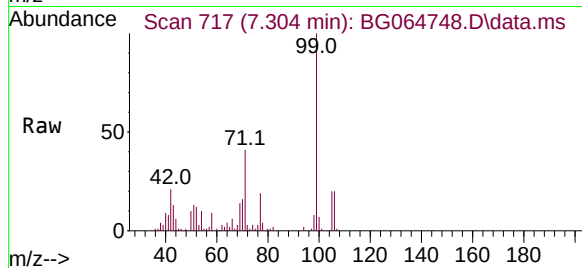
Tgt Ion: 93 Resp: 65205
Ion Ratio Lower Upper
93 100
66 44.1 37.7 56.5
65 23.0 19.1 28.7





#7
Phenol-d6
Concen: 40.402 ng
RT: 7.304 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

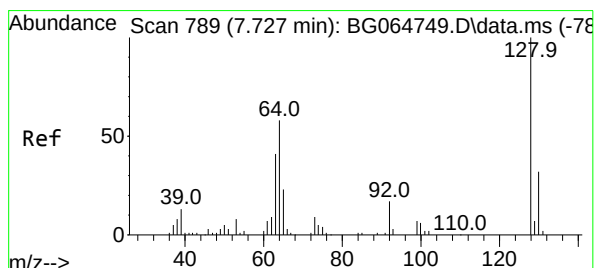
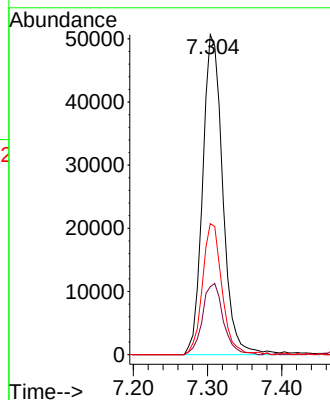
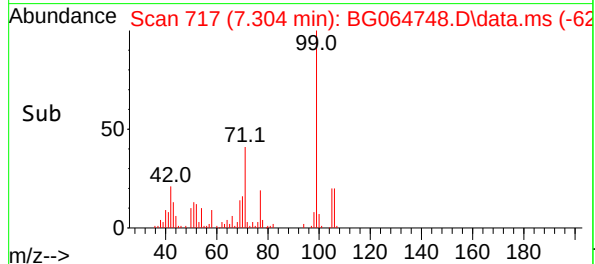
Instrument :
BNA_G
Client Sample Id :
SSTDICC020



Tgt Ion: 99 Resp: 95345
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 40.9 31.1 46.7

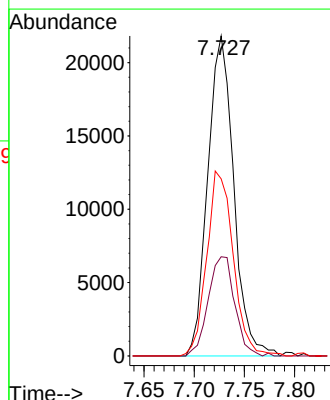
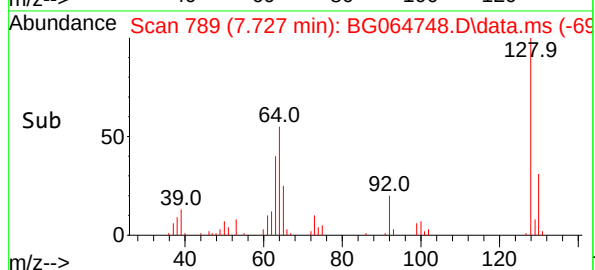
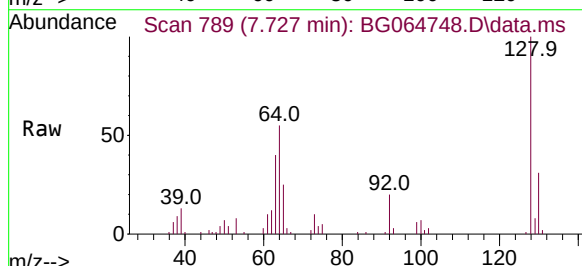
Manual Integrations
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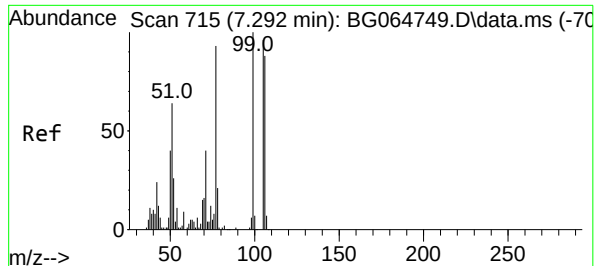
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#8
2-Chlorophenol
Concen: 20.167 ng
RT: 7.727 min Scan# 789
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:128 Resp: 39290
Ion Ratio Lower Upper
128 100
130 31.0 11.9 51.9
64 55.3 38.4 78.4





#9

Benzaldehyde

Concen: 19.661 ng

RT: 7.292 min Scan# 715

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

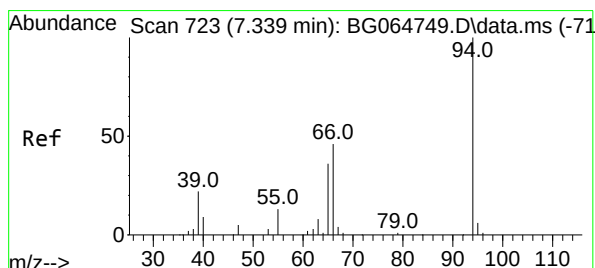
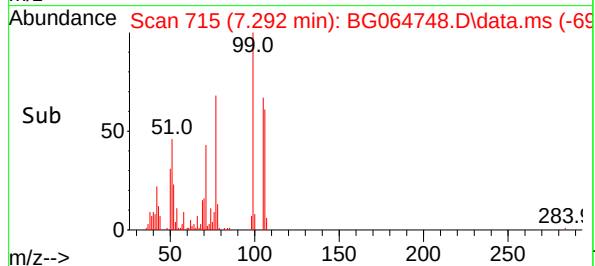
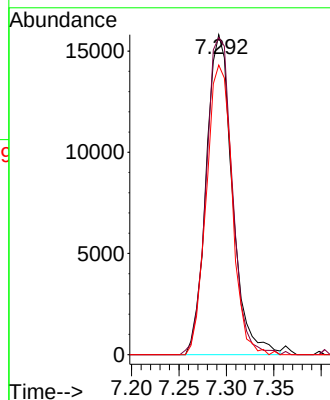
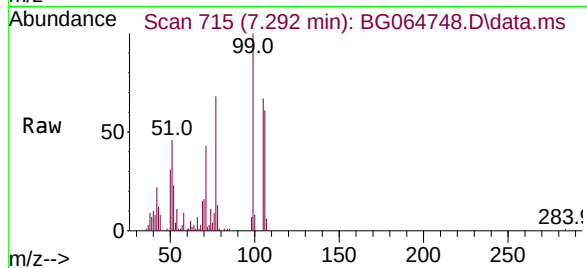
ClientSampleId :

SSTDICC020

Tgt Ion:	77	Resp:	30372
Ion	Ratio	Lower	Upper
77	100		
105	99.1	83.8	123.8
106	90.5	74.3	114.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 20.103 ng

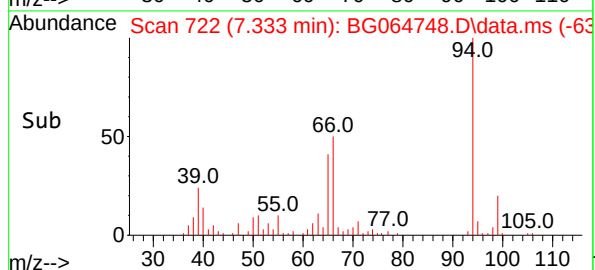
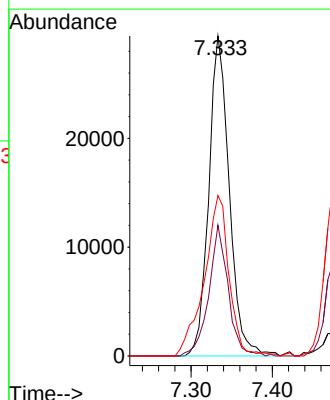
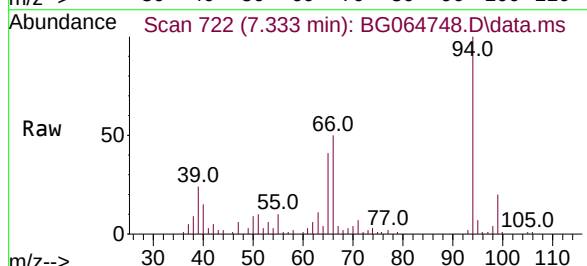
RT: 7.333 min Scan# 722

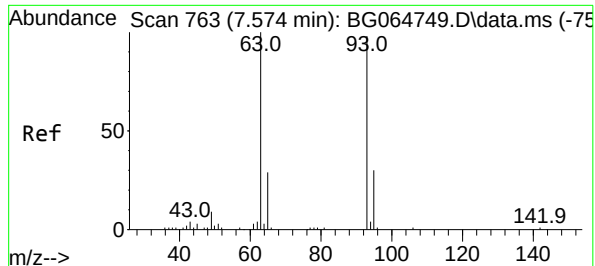
Delta R.T. -0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Tgt Ion:	94	Resp:	51616
Ion	Ratio	Lower	Upper
94	100		
65	40.8	17.0	57.0
66	50.1	29.8	69.8





#11

bis(2-Chloroethyl)ether

Concen: 20.752 ng

RT: 7.574 min Scan# 763

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

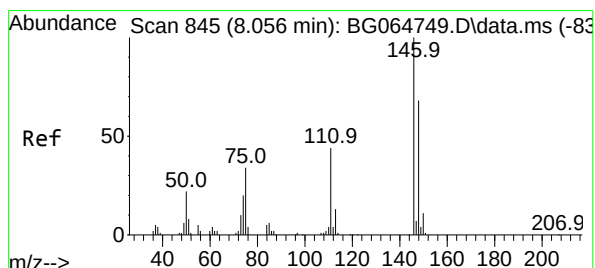
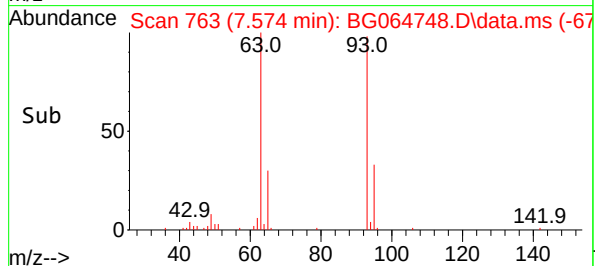
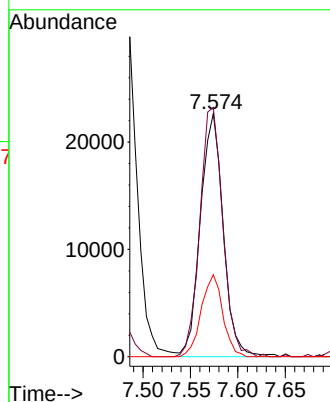
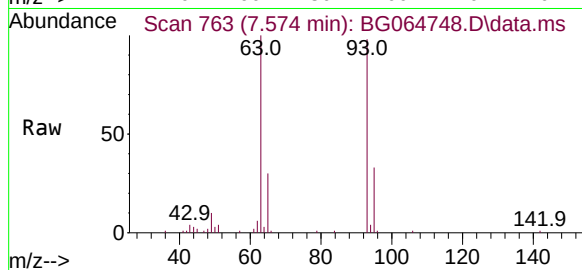
ClientSampleId :

SSTDICC020

Tgt Ion:	93	Resp:	37916
Ion	Ratio	Lower	Upper
93	100		
63	102.5	81.8	121.8
95	33.7	10.3	50.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 20.545 ng

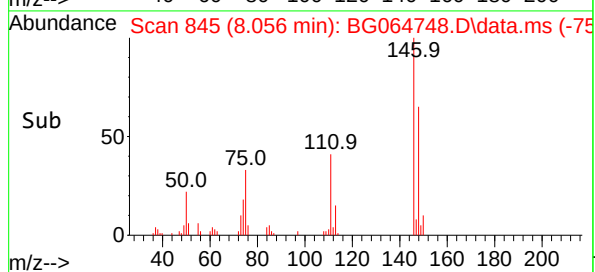
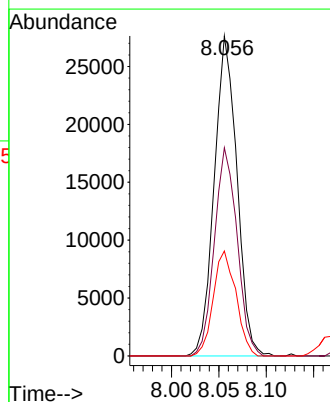
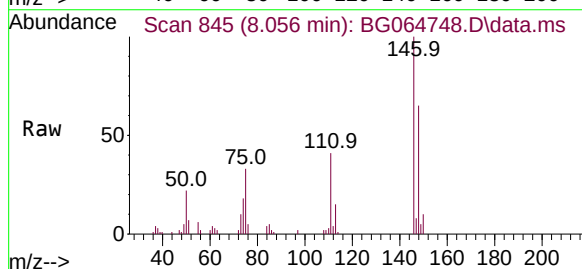
RT: 8.056 min Scan# 845

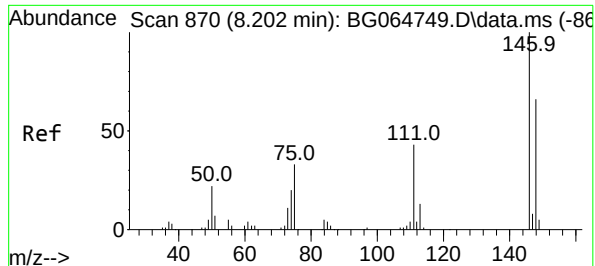
Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Tgt Ion:	146	Resp:	46058
Ion	Ratio	Lower	Upper
146	100		
148	65.0	54.6	82.0
75	32.8	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 20.759 ng

RT: 8.203 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 4738

Ion Ratio Lower Upper

146 100

148 63.3 53.1 79.7

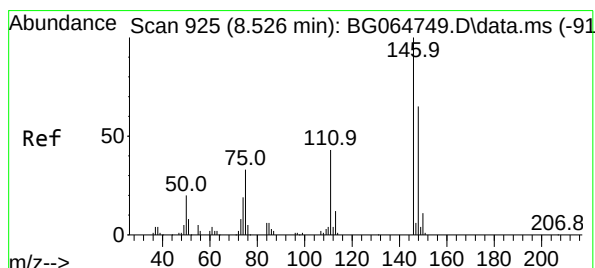
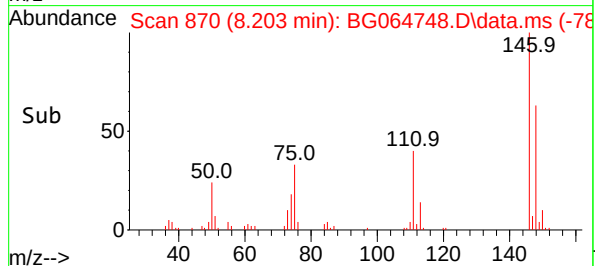
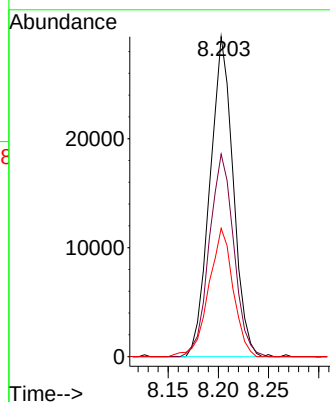
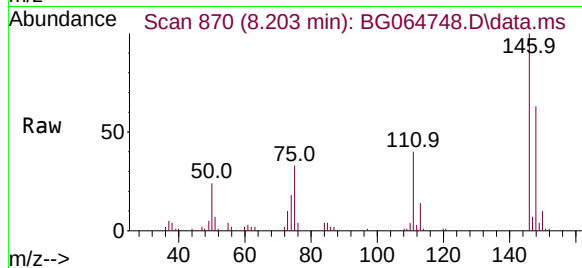
111 40.1 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 20.216 ng

RT: 8.526 min Scan# 925

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

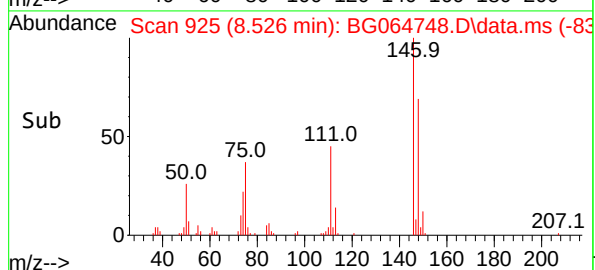
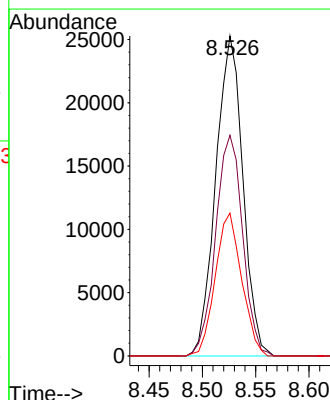
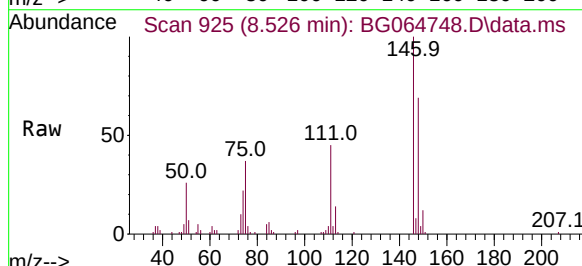
Tgt Ion:146 Resp: 44745

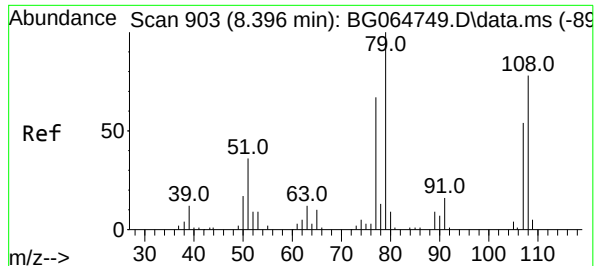
Ion Ratio Lower Upper

146 100

148 68.9 52.0 78.0

111 44.6 34.7 52.1





#15

Benzyl Alcohol

Concen: 19.651 ng

RT: 8.397 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

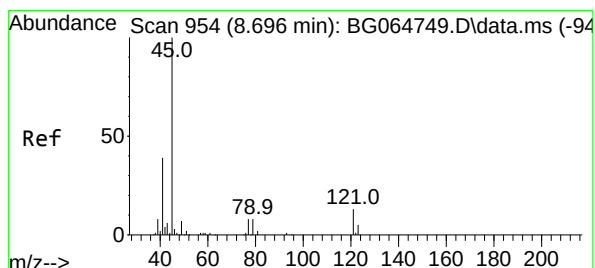
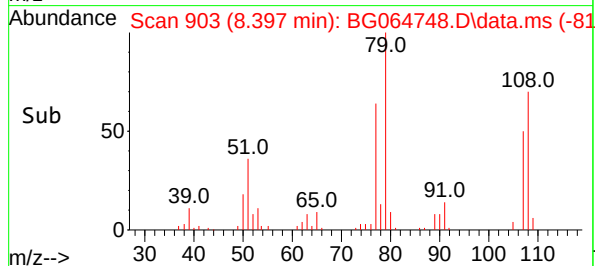
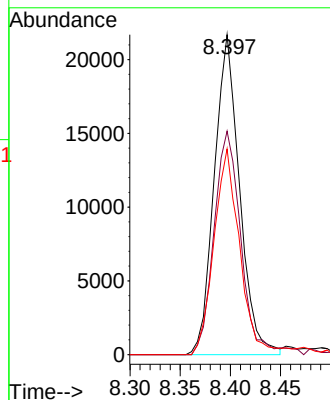
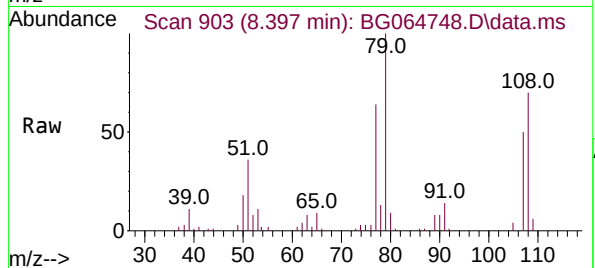
ClientSampleId :

SSTDICC020

Tgt Ion:	79	Resp:	3806
Ion	Ratio	Lower	Upper
79	100		
108	69.8	62.3	93.5
77	64.3	53.5	80.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.198 ng

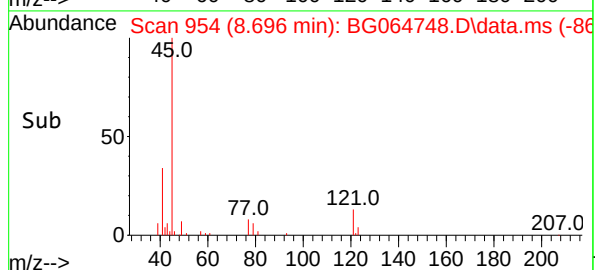
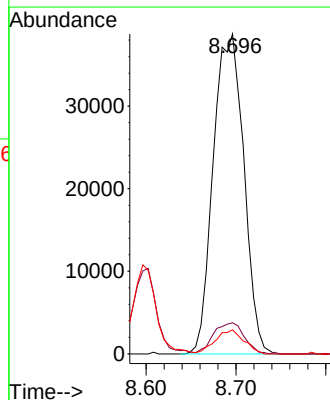
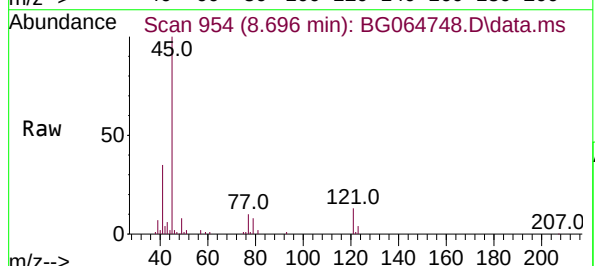
RT: 8.696 min Scan# 954

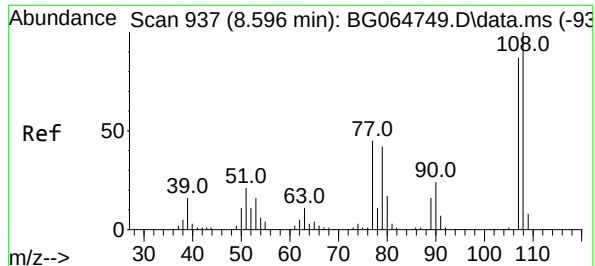
Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Tgt Ion:	45	Resp:	91675
Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	28.8
79	7.5	0.0	28.1





#17

2-Methylphenol

Concen: 20.403 ng

RT: 8.596 min Scan# 937

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:107 Resp: 37068

Ion Ratio Lower Upper

107 100

108 105.9 92.6 138.8

77 49.1 41.2 61.8

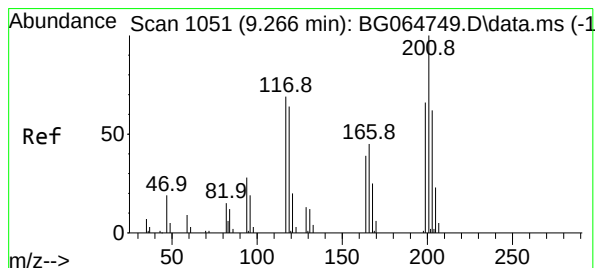
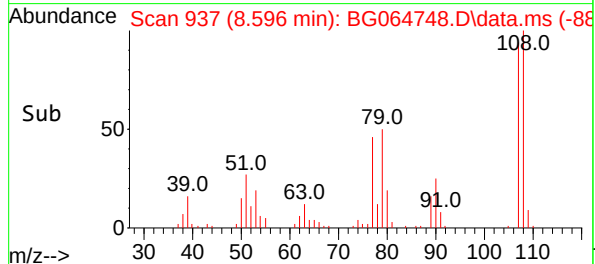
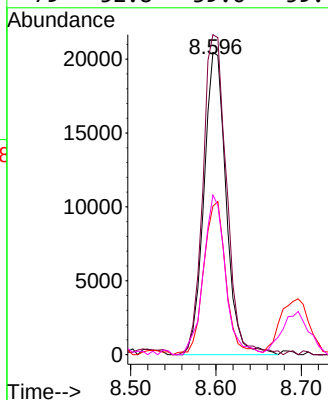
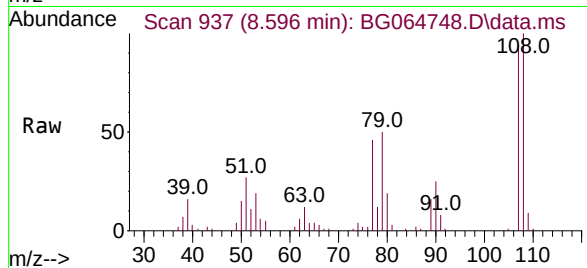
79 52.8 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 20.498 ng

RT: 9.266 min Scan# 1051

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

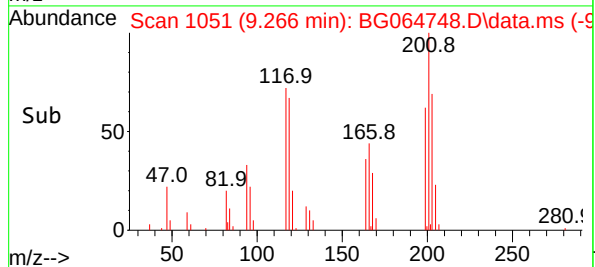
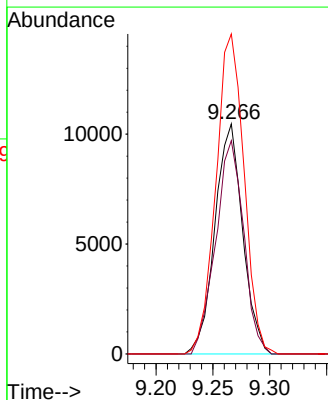
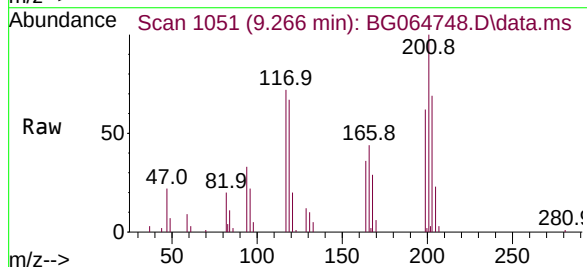
Tgt Ion:117 Resp: 17722

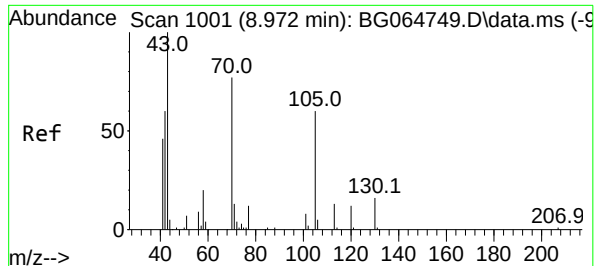
Ion Ratio Lower Upper

117 100

119 92.6 74.4 111.6

201 139.1 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 21.667 ng

RT: 8.967 min Scan# 10

Delta R.T. -0.006 min

Lab File: BG064748.D

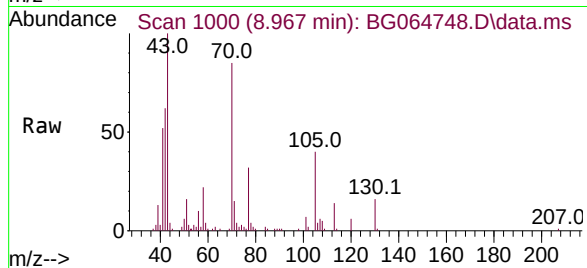
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 34572

Ion Ratio Lower Upper

70 100

42 73.0 62.6 93.8

101 8.0 8.0 12.0

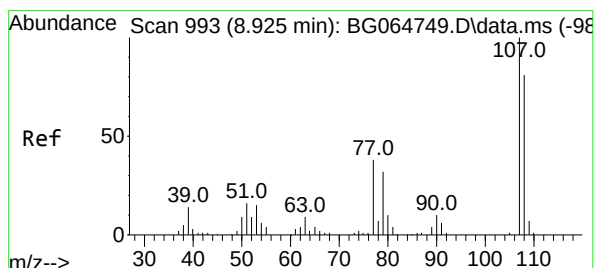
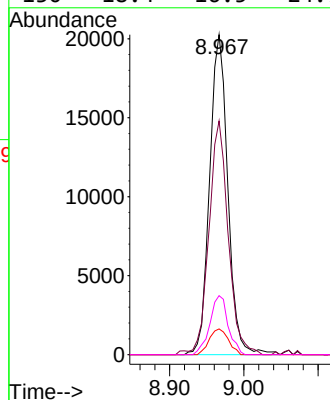
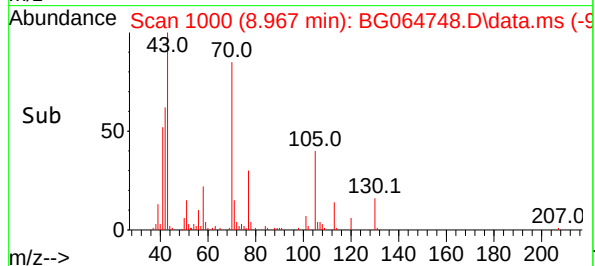
130 18.4 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 20.269 ng

RT: 8.925 min Scan# 993

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Tgt Ion:107 Resp: 50448

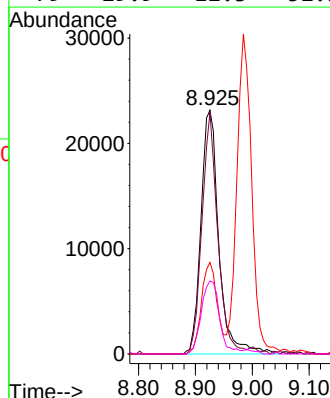
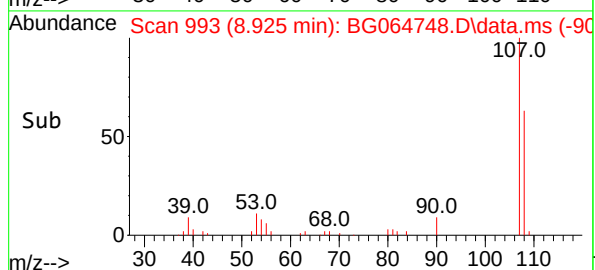
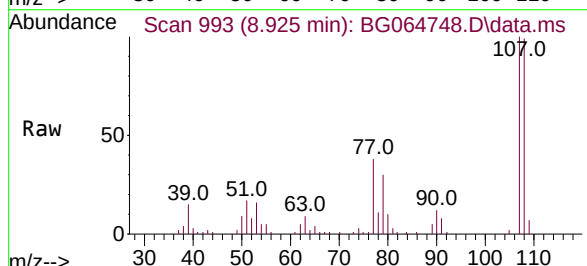
Ion Ratio Lower Upper

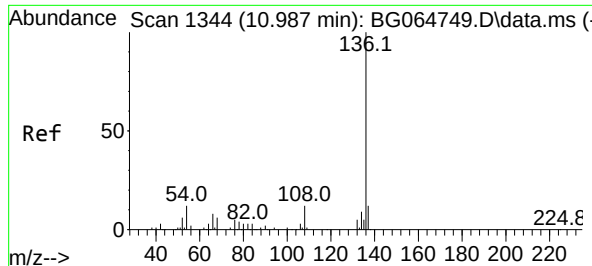
107 100

108 99.2 61.0 101.0

77 37.5 17.6 57.6

79 29.9 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 1344
Delta R.T. -0.005 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

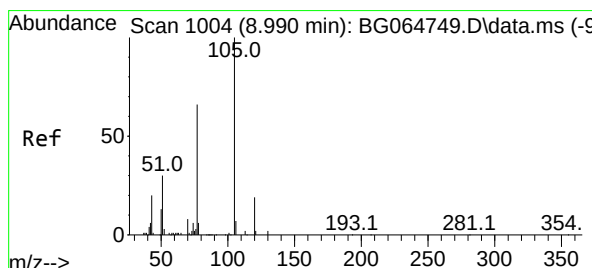
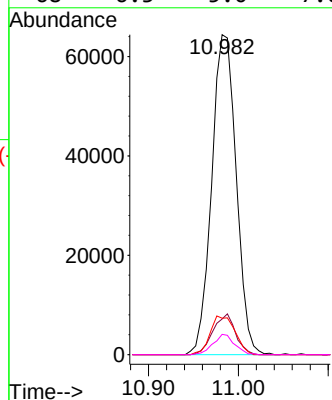
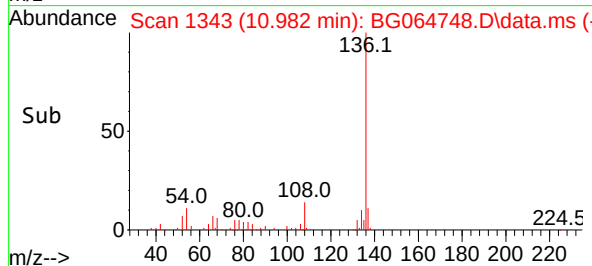
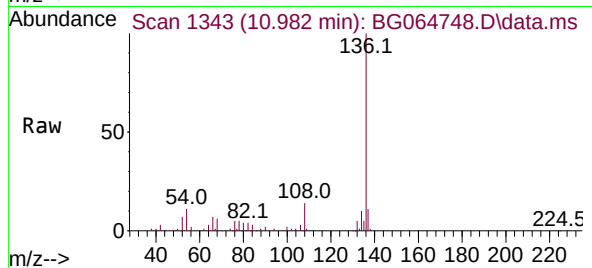
ClientSampleId :

SSTDICC020

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	11.4	9.3	13.9
68	6.3	5.0	7.6

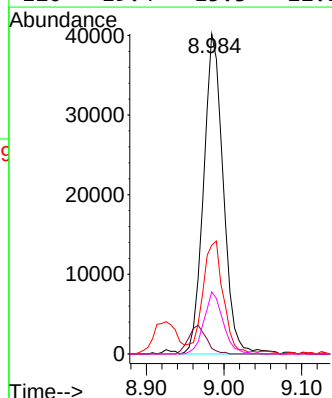
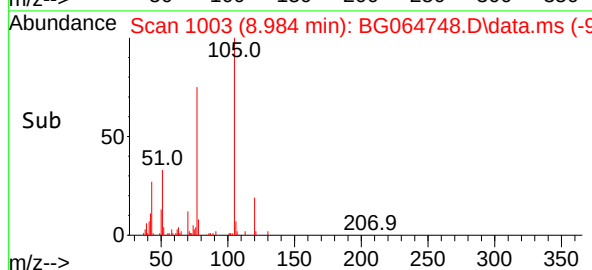
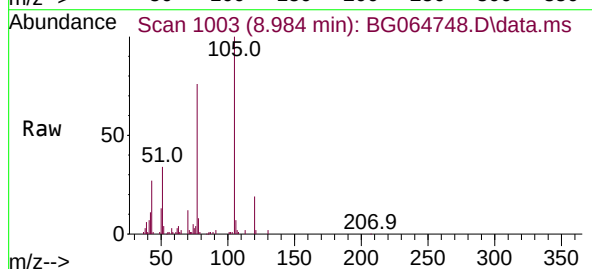
Manual Integrations
APPROVED

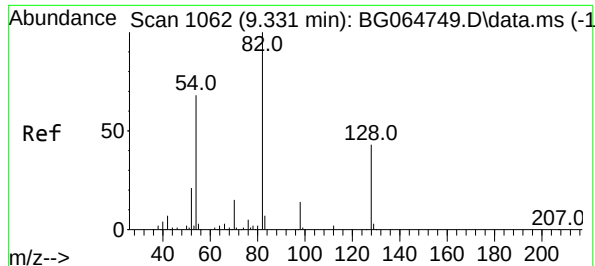
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 21.310 ng
RT: 8.984 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.3	1.9
51	33.9	27.9	41.9
120	19.4	15.3	22.9





#23

Nitrobenzene-d5

Concen: 40.496 ng

RT: 9.325 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 10004

Ion Ratio Lower Upper

82 100

128 39.9 34.1 51.1

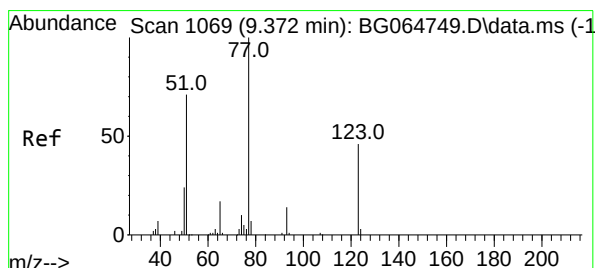
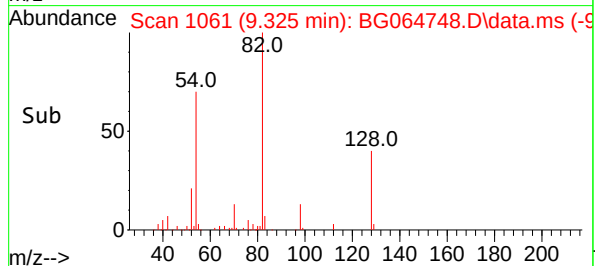
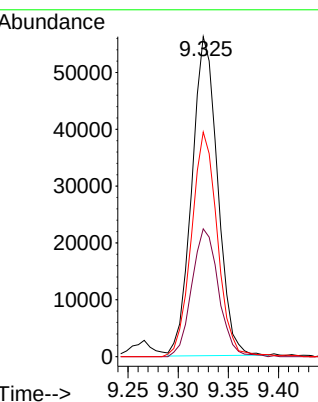
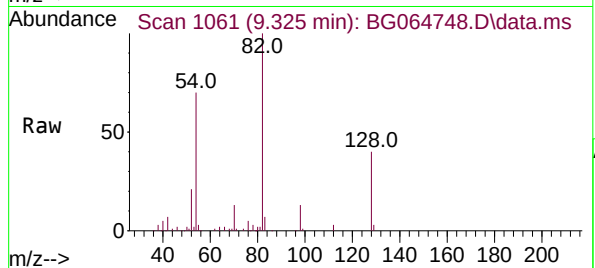
54 70.2 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 21.097 ng

RT: 9.366 min Scan# 1068

Delta R.T. -0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

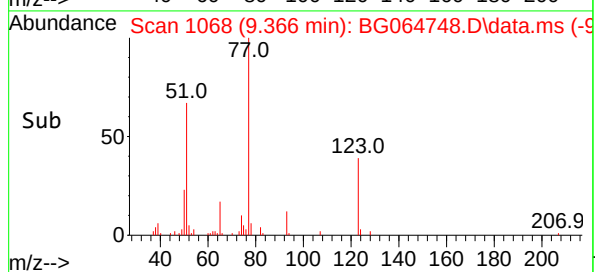
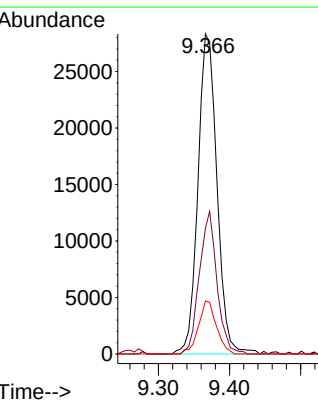
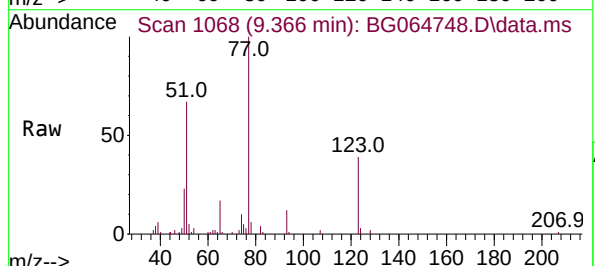
Tgt Ion: 77 Resp: 52662

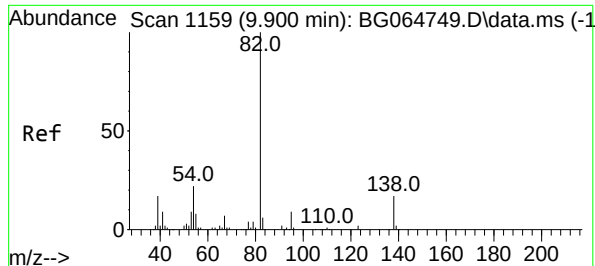
Ion Ratio Lower Upper

77 100

123 39.4 36.5 54.7

65 16.5 13.5 20.3





#25

Isophorone

Concen: 20.659 ng

RT: 9.895 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

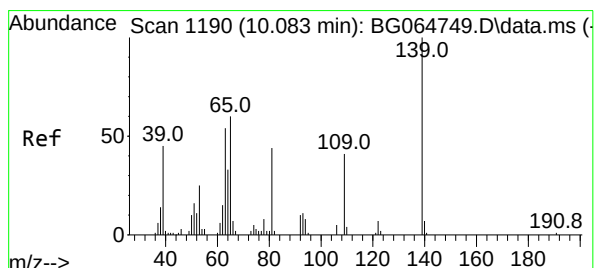
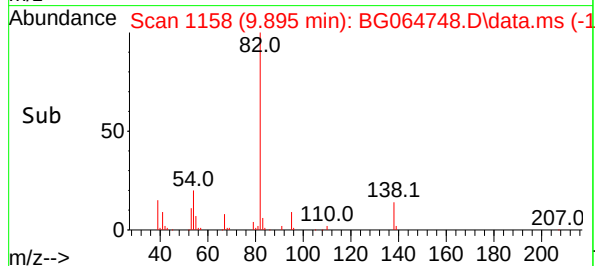
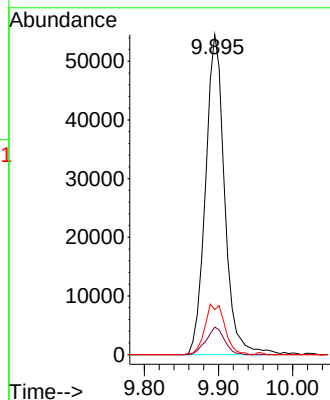
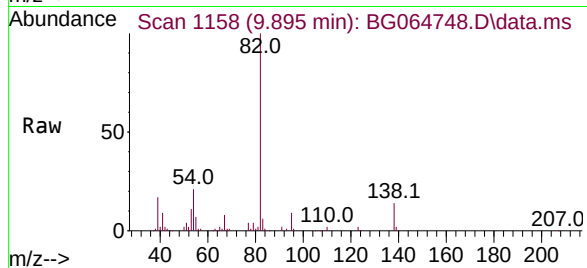
ClientSampleId :

SSTDICC020

Tgt Ion:	82	Resp:	9719
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.9	10.3
138	14.1	13.9	20.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26

2-Nitrophenol

Concen: 20.521 ng

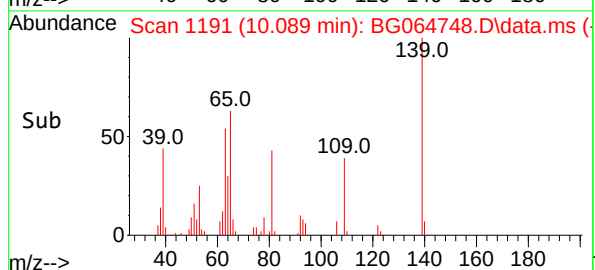
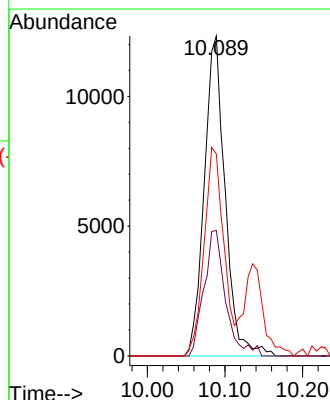
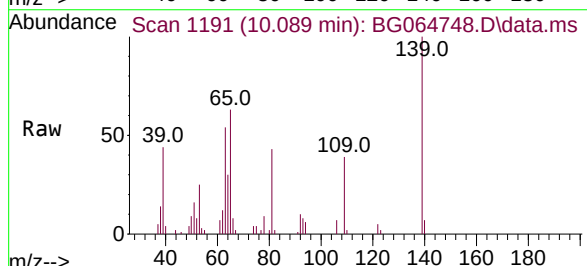
RT: 10.089 min Scan# 1191

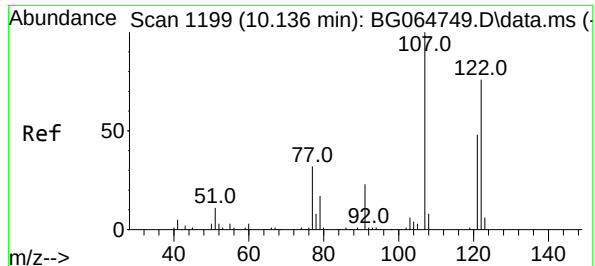
Delta R.T. 0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Tgt Ion:	139	Resp:	23040
Ion Ratio	Lower	Upper	
139	100		
109	39.2	32.5	48.7
65	63.1	47.6	71.4





#27

2,4-Dimethylphenol

Concen: 20.563 ng

RT: 10.136 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

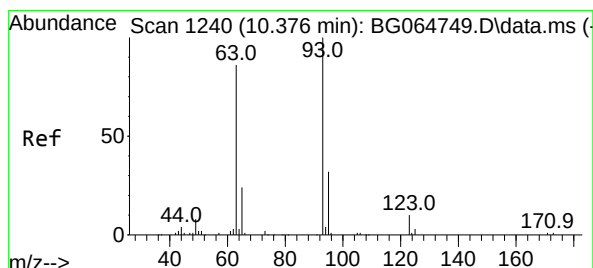
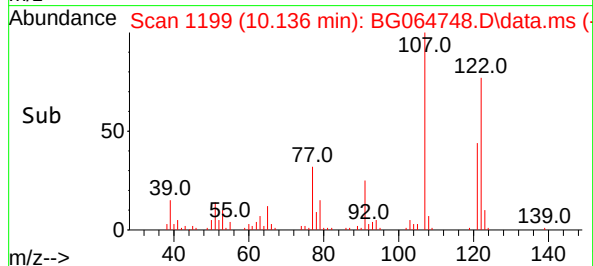
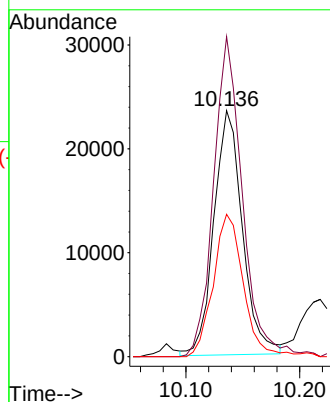
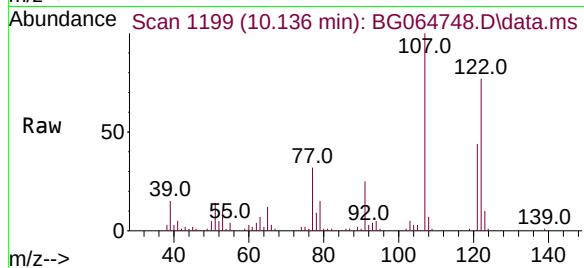
SSTDICC020

Tgt Ion:	122	Resp:	41015
Ion	Ratio	Lower	Upper
122	100		
107	130.1	102.5	153.7
121	57.9	49.0	73.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 21.004 ng

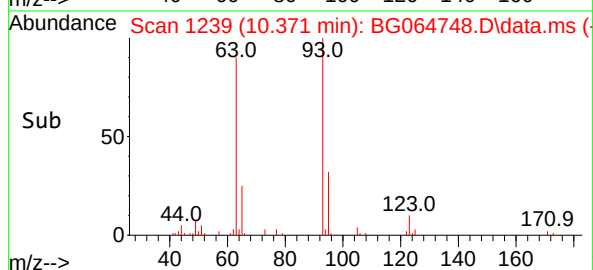
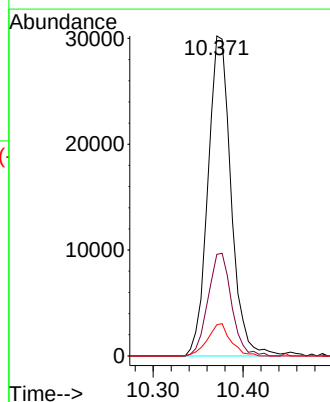
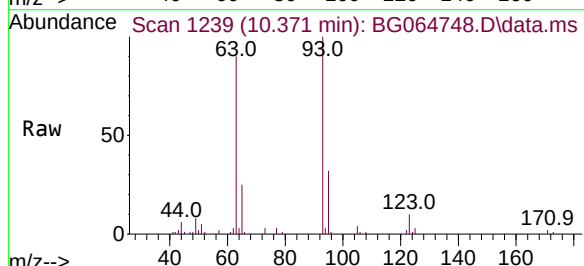
RT: 10.371 min Scan# 1239

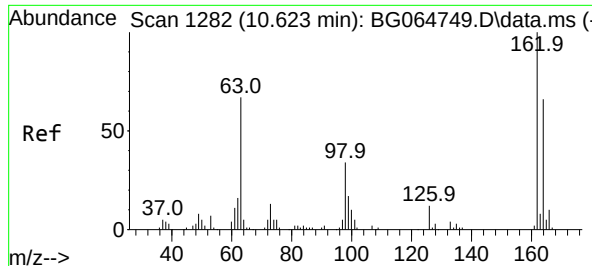
Delta R.T. -0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Tgt Ion:	93	Resp:	54247
Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.2
123	9.7	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 20.905 ng

RT: 10.623 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BG064748.D

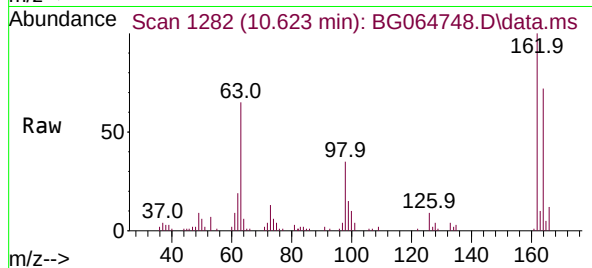
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

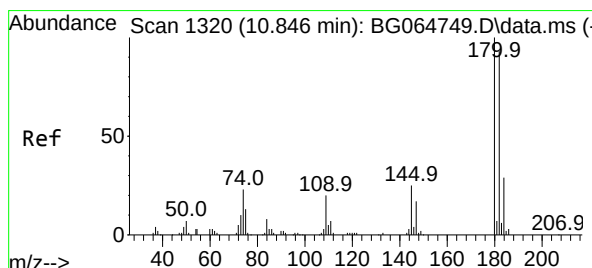
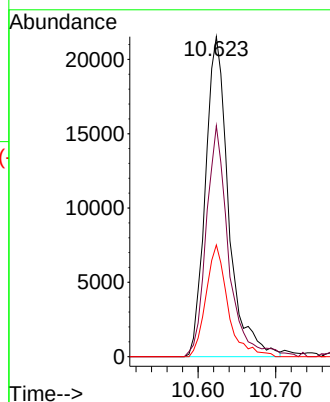
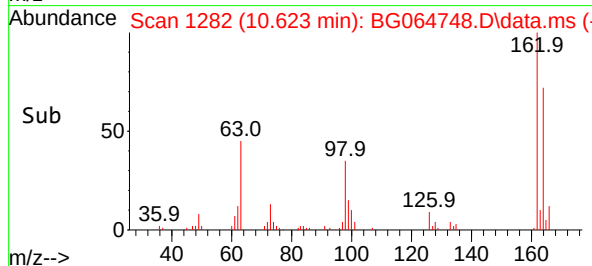


Tgt Ion:	162	Resp:	44768
Ion Ratio	Lower	Upper	
162	100		
164	72.1	46.0	86.0
98	34.9	14.2	54.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

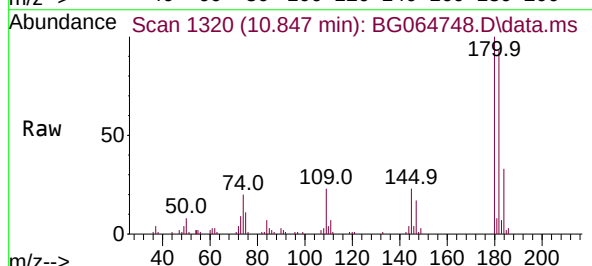
Concen: 20.916 ng

RT: 10.847 min Scan# 1320

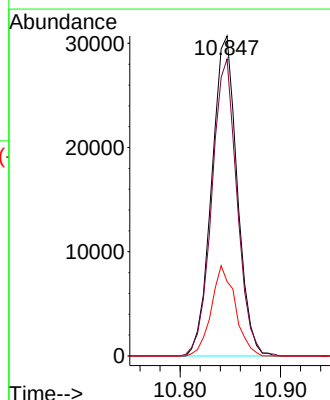
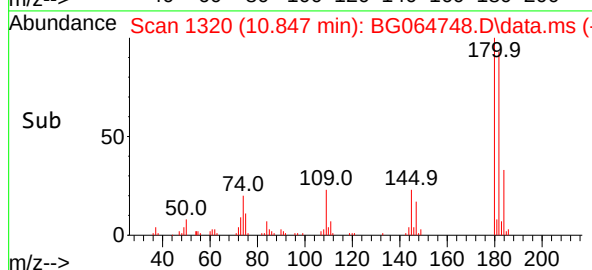
Delta R.T. 0.000 min

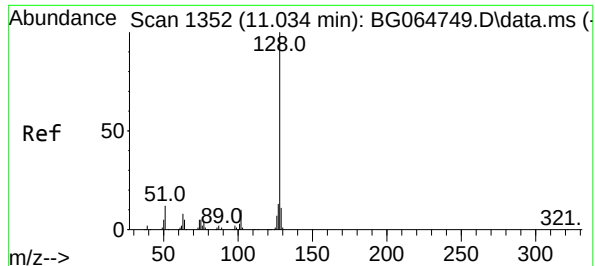
Lab File: BG064748.D

Acq: 12 Nov 2025 13:20



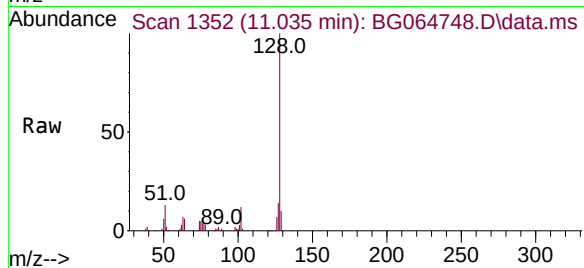
Tgt Ion:	180	Resp:	54086
Ion Ratio	Lower	Upper	
180	100		
182	92.8	74.2	111.4
145	23.2	20.0	30.0





#31
Naphthalene
Concen: 20.633 ng
RT: 11.035 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

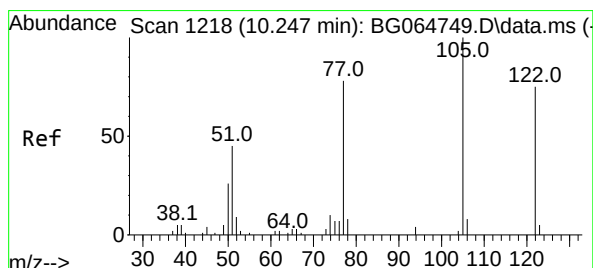
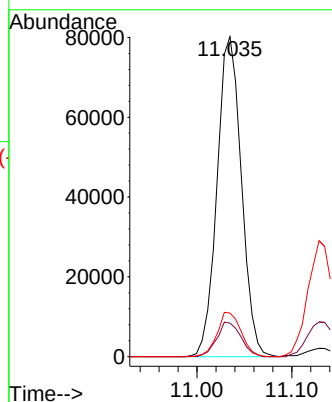
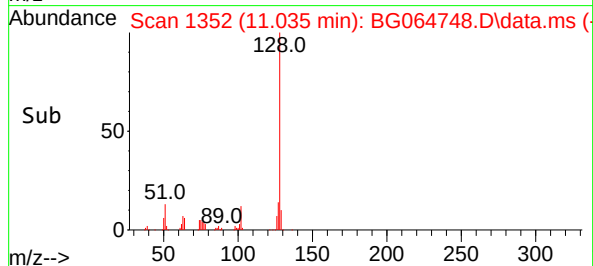
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



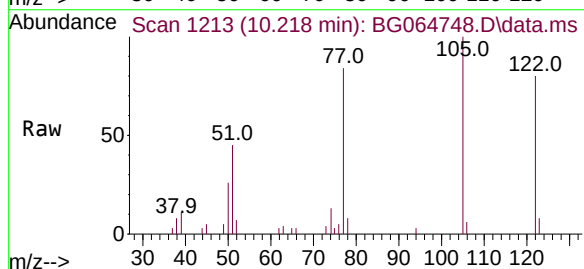
Tgt Ion:128 Resp: 142862
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.6 10.6 16.0

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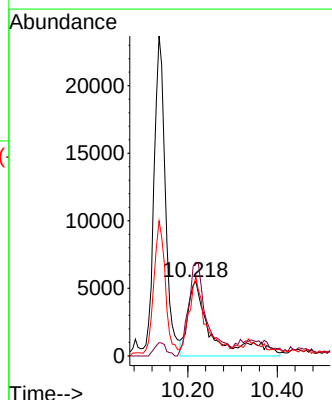
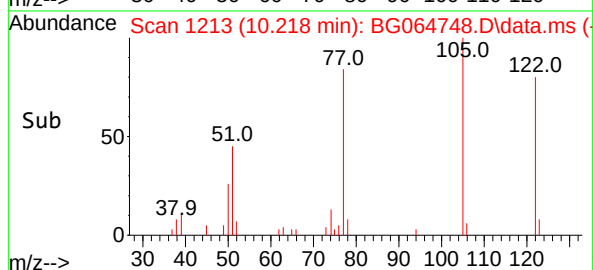
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

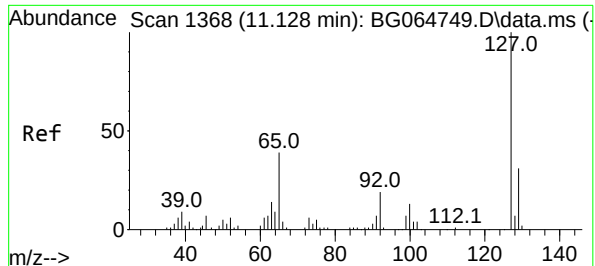


#32
Benzoic acid
Concen: 18.429 ng m
RT: 10.218 min Scan# 1213
Delta R.T. -0.029 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



Tgt Ion:122 Resp: 20309
Ion Ratio Lower Upper
122 100
105 125.8 107.6 147.6
77 105.8 82.5 122.5





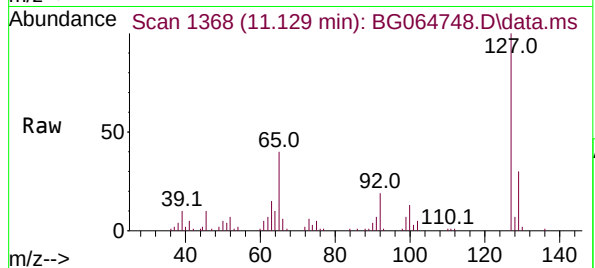
#33
4-Chloroaniline
Concen: 21.026 ng
RT: 11.129 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

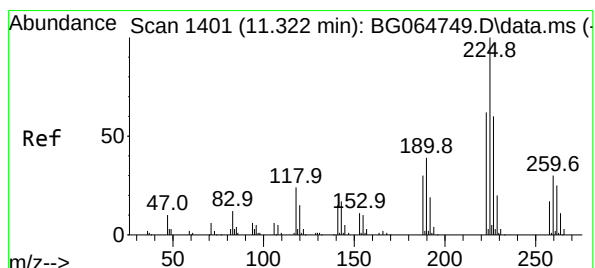
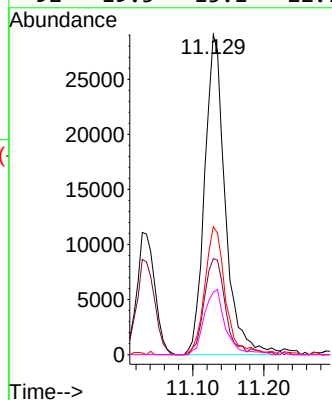
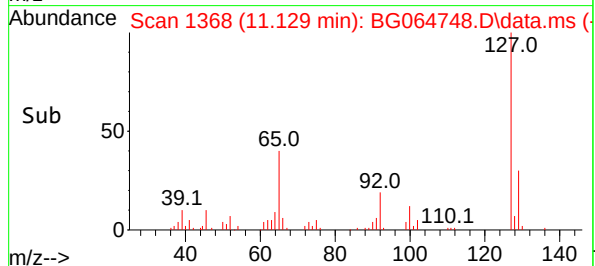
SSTDICC020



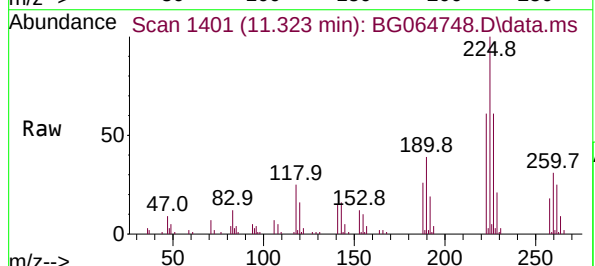
Tgt Ion:127 Resp: 58239
Ion Ratio Lower Upper
127 100
129 30.0 24.9 37.3
65 40.0 30.9 46.3
92 19.5 15.1 22.7

Manual Integrations
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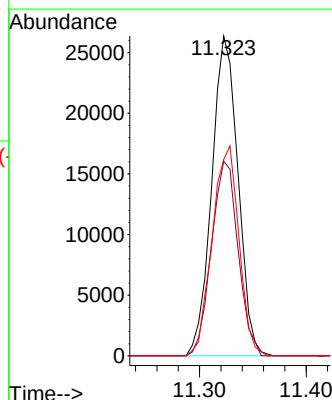
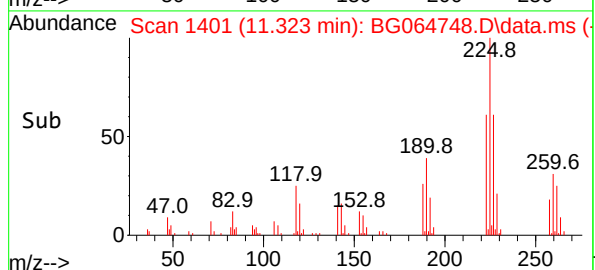
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

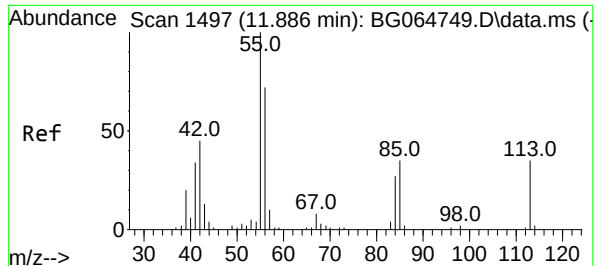


#34
Hexachlorobutadiene
Concen: 20.367 ng
RT: 11.323 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



Tgt Ion:225 Resp: 45189
Ion Ratio Lower Upper
225 100
223 60.8 49.9 74.9
227 64.8 50.6 75.8





#35

Caprolactam

Concen: 19.811 ng

RT: 11.875 min Scan# 1495

Delta R.T. -0.012 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:113 Resp: 12678

Ion Ratio Lower Upper

113 100

55 288.8 263.7 303.7

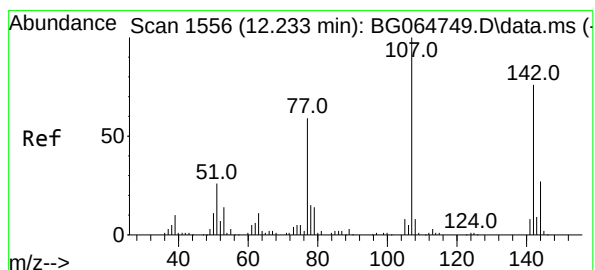
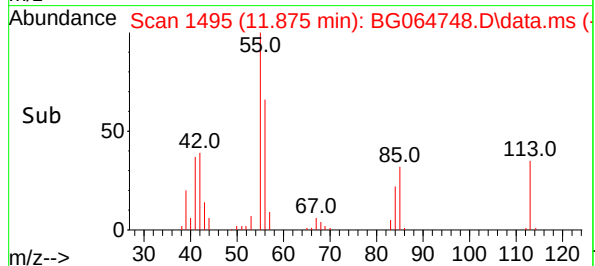
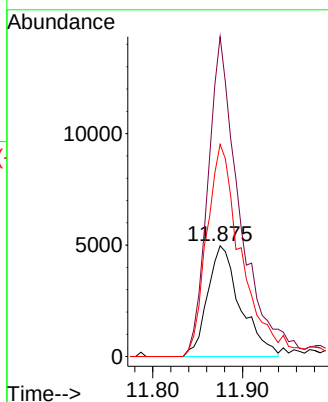
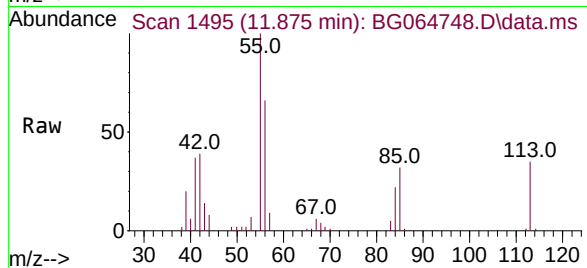
56 191.5 184.0 224.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 20.444 ng

RT: 12.233 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

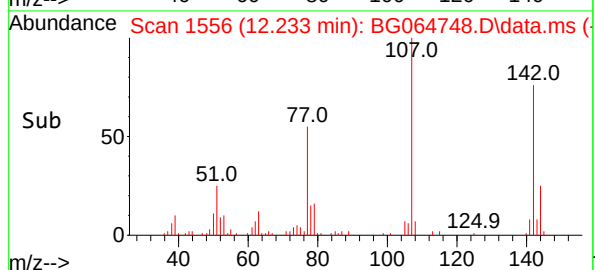
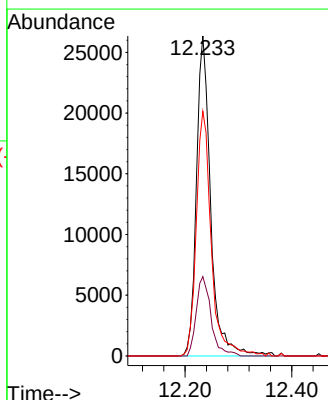
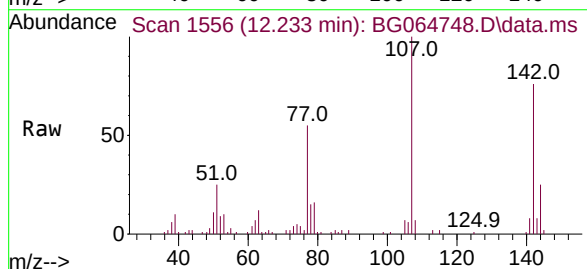
Tgt Ion:107 Resp: 48730

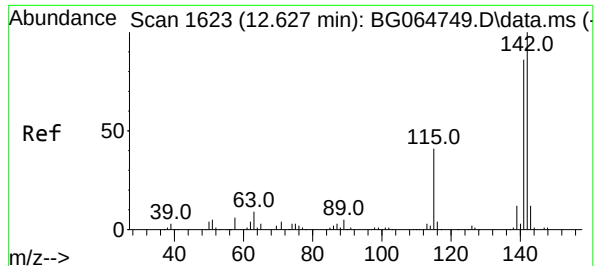
Ion Ratio Lower Upper

107 100

144 24.8 21.7 32.5

142 76.4 60.8 91.2





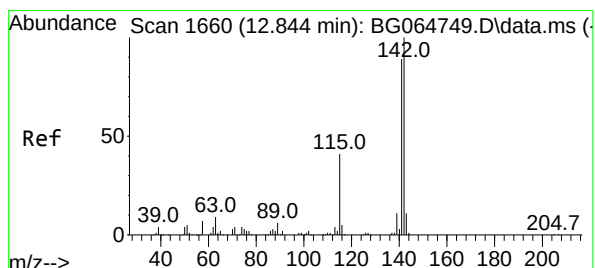
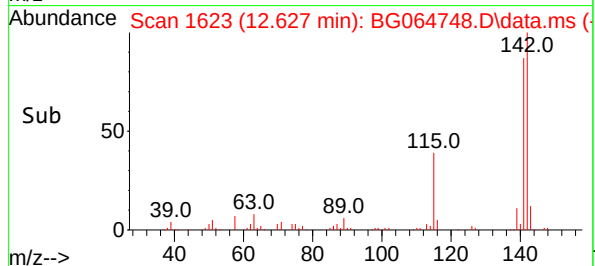
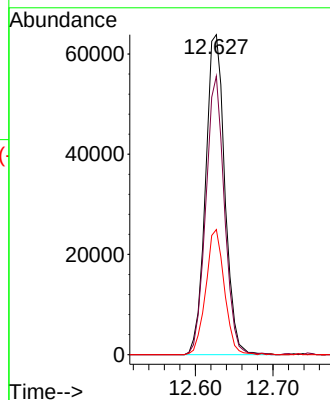
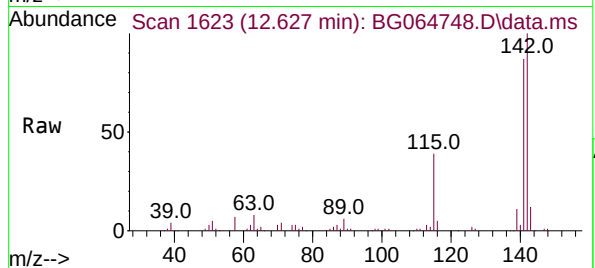
#37
2-Methylnaphthalene
Concen: 21.269 ng
RT: 12.627 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 110208
Ion Ratio Lower Upper
142 100
141 87.0 69.1 103.7
115 39.1 32.9 49.3

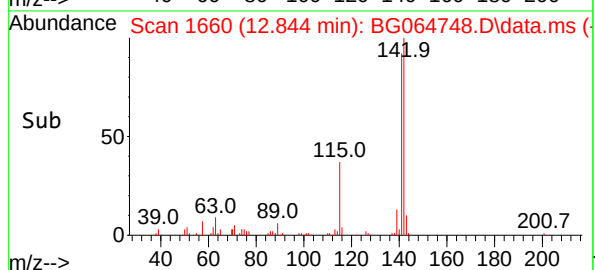
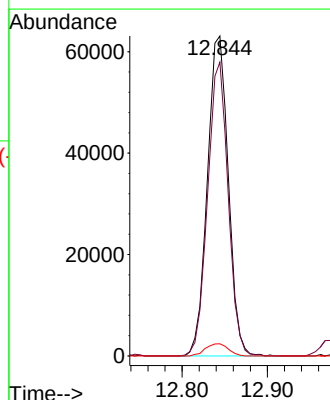
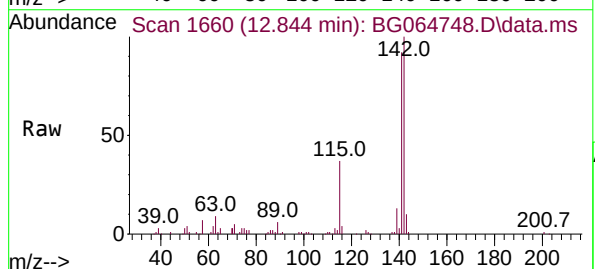
Manual Integrations
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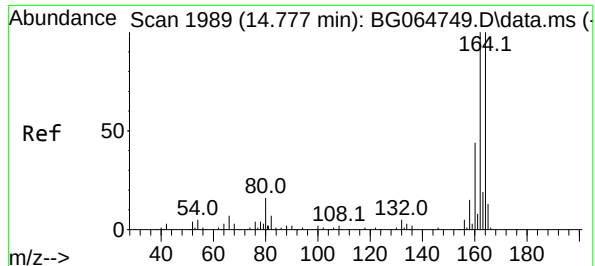
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 20.884 ng
RT: 12.844 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:142 Resp: 107491
Ion Ratio Lower Upper
142 100
141 91.9 70.8 106.2
116 3.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.777 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BG064748.D

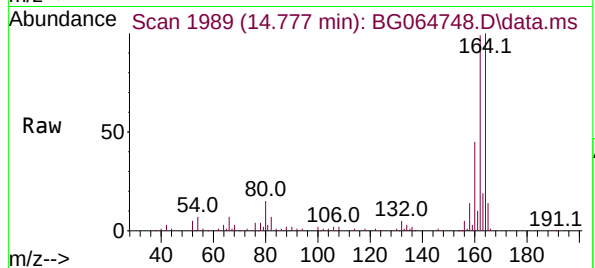
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

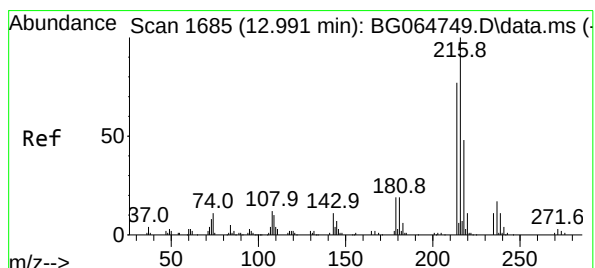
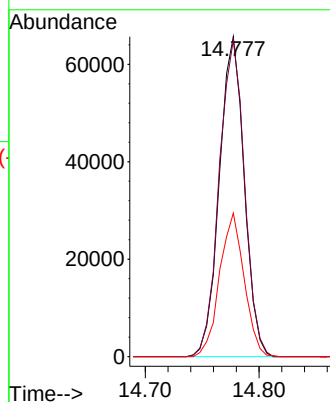
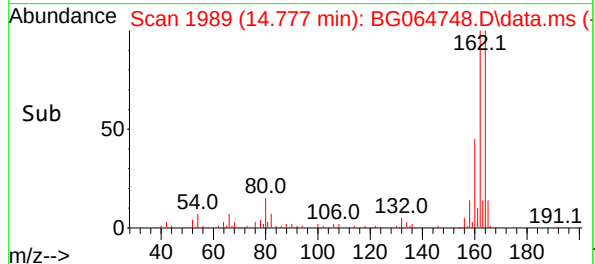
SSTDICC020



Tgt Ion:	164	Resp:	9958
Ion Ratio	Lower	Upper	
164	100		
162	98.9	79.8	119.6
160	44.8	34.9	52.3

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

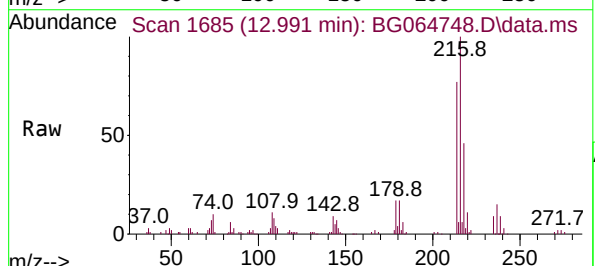
Concen: 20.831 ng

RT: 12.991 min Scan# 1685

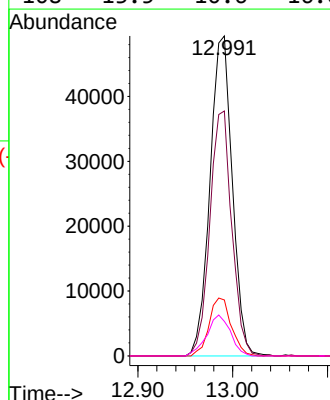
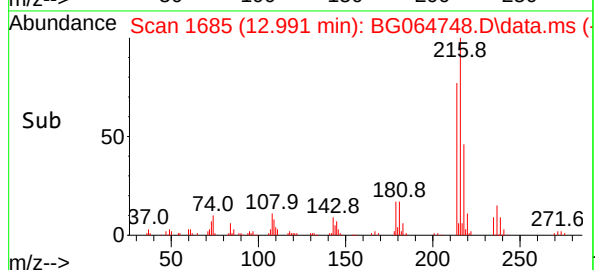
Delta R.T. 0.000 min

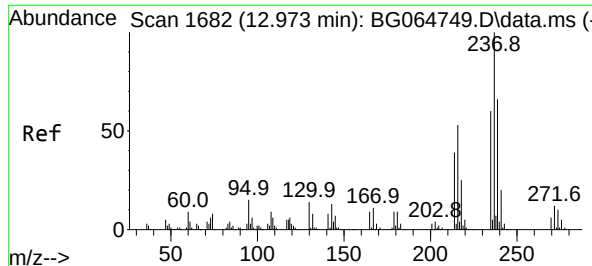
Lab File: BG064748.D

Acq: 12 Nov 2025 13:20



Tgt Ion:	216	Resp:	80735
Ion Ratio	Lower	Upper	
216	100		
214	75.2	60.5	90.7
179	18.0	14.7	22.1
108	13.5	10.6	16.0





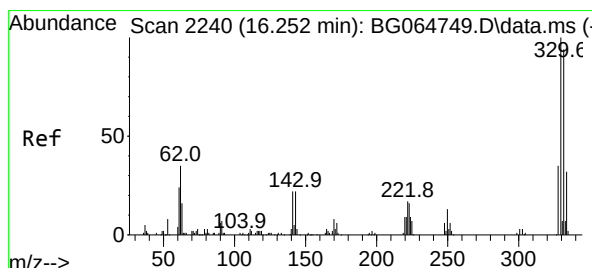
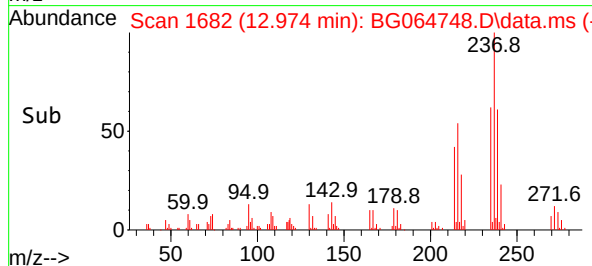
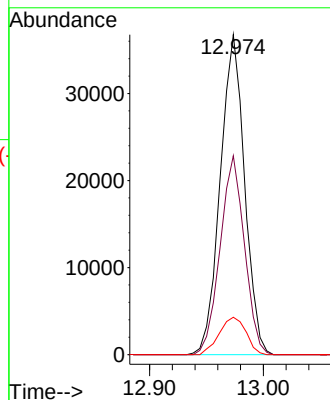
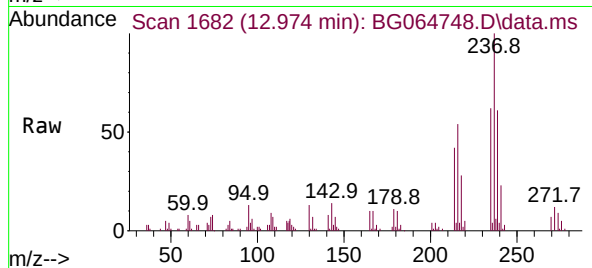
#41
Hexachlorocyclopentadiene
Concen: 19.622 ng
RT: 12.974 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :
BNA_G
Client Sample Id :
SSTDICC020

Tgt Ion: 237 Resp: 54509
Ion Ratio Lower Upper
237 100
235 62.1 40.2 80.2
272 11.7 0.0 31.9

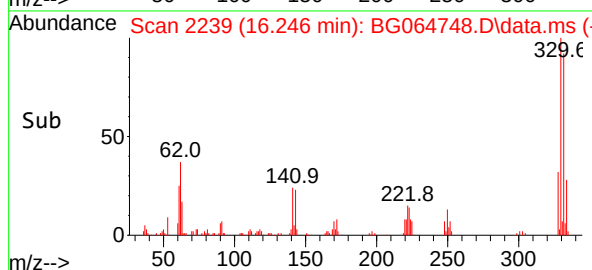
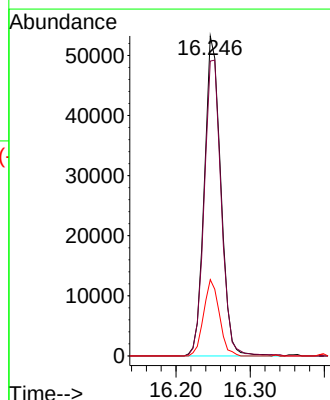
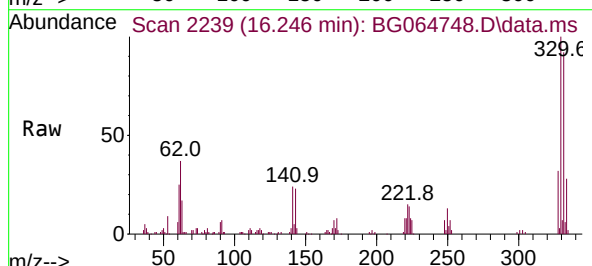
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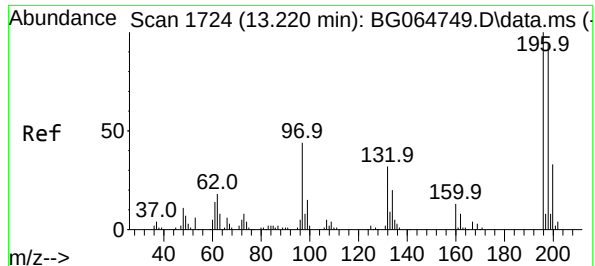
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#42
2,4,6-Tribromophenol
Concen: 42.069 ng
RT: 16.246 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 330 Resp: 81708
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 22.8 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 20.658 ng

RT: 13.214 min Scan# 1723

Delta R.T. -0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

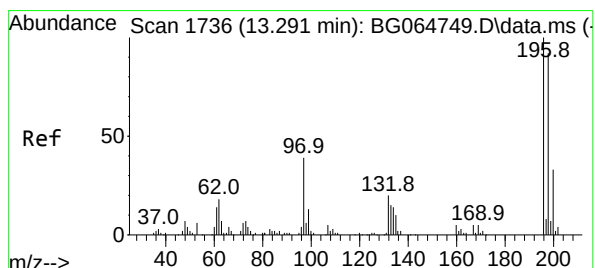
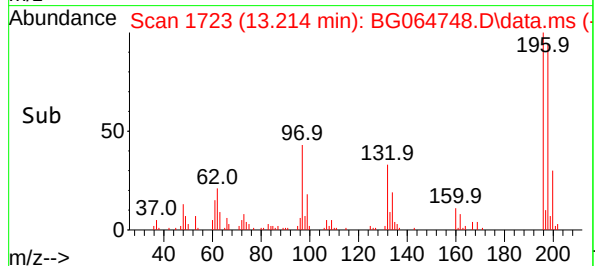
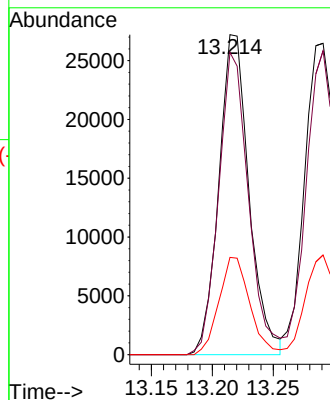
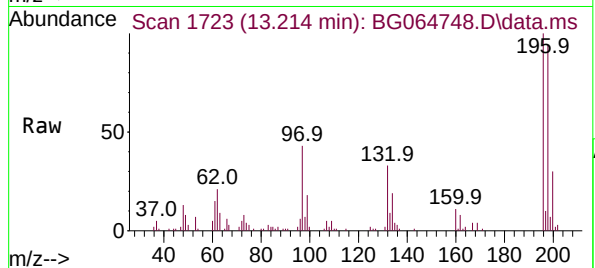
SSTDICC020

Tgt Ion:196	Resp:	46989
Ion Ratio	Lower	Upper
196	100	
198	94.4	75.3 112.9
200	30.4	26.2 39.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 21.300 ng

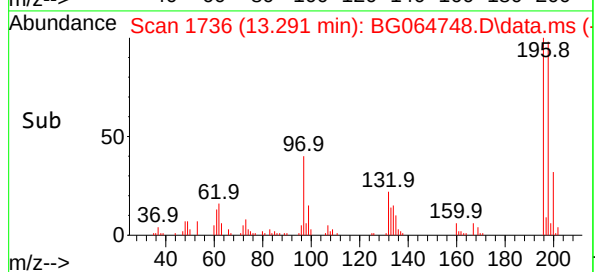
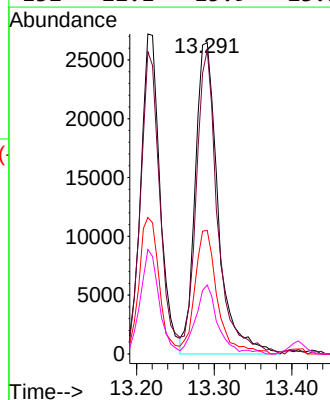
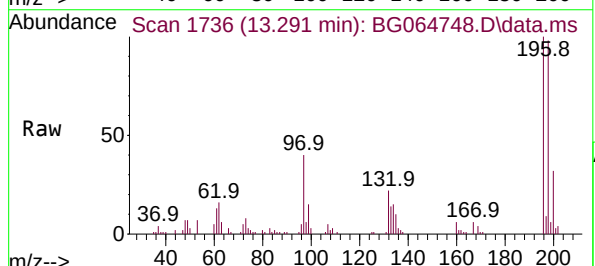
RT: 13.291 min Scan# 1736

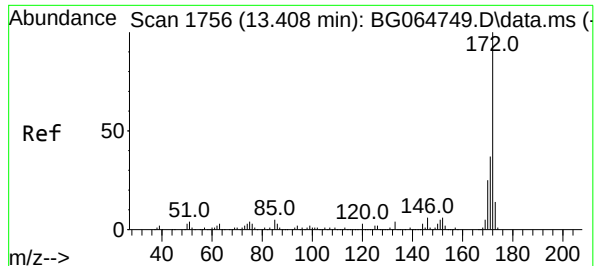
Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Tgt Ion:196	Resp:	54340
Ion Ratio	Lower	Upper
196	100	
198	97.6	73.2 109.8
97	39.6	31.4 47.0
132	22.1	15.9 23.9





#45

2-Fluorobiphenyl

Concen: 42.108 ng

RT: 13.408 min Scan# 1756

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 300532

Ion Ratio Lower Upper

172 100

171 35.7 29.9 44.9

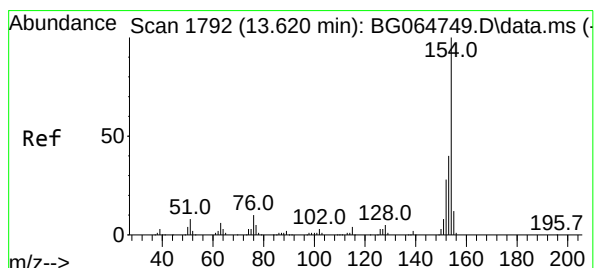
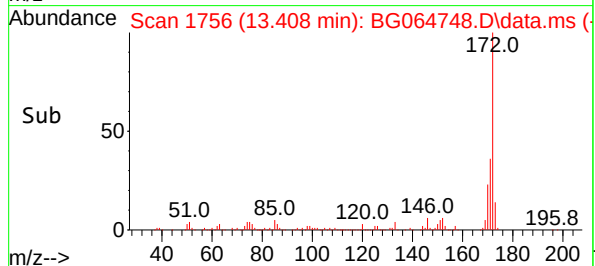
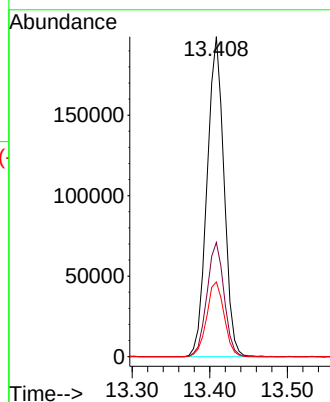
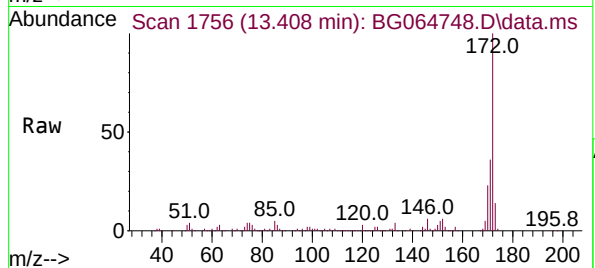
170 23.3 19.8 29.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#46

1,1'-Biphenyl

Concen: 20.857 ng

RT: 13.614 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

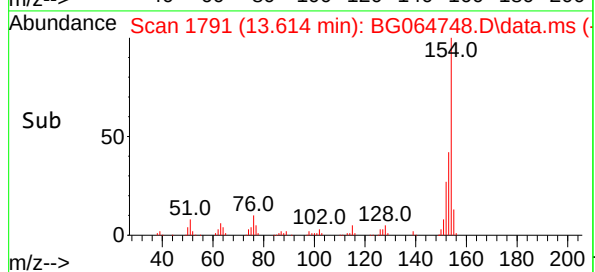
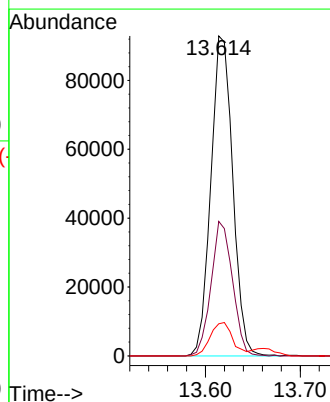
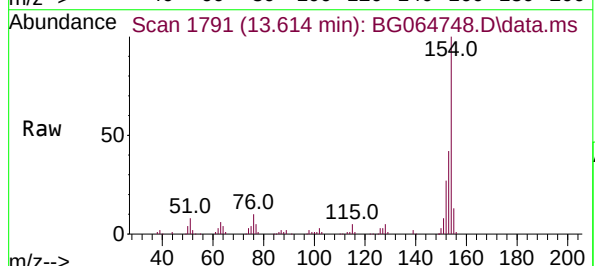
Tgt Ion:154 Resp: 149187

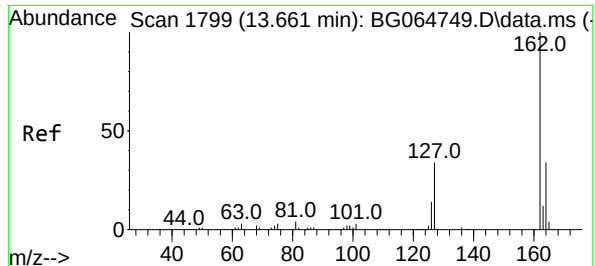
Ion Ratio Lower Upper

154 100

153 42.0 19.8 59.8

76 10.0 0.0 30.0





#47

2-Chloronaphthalene

Concen: 20.620 ng

RT: 13.661 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BG064748.D

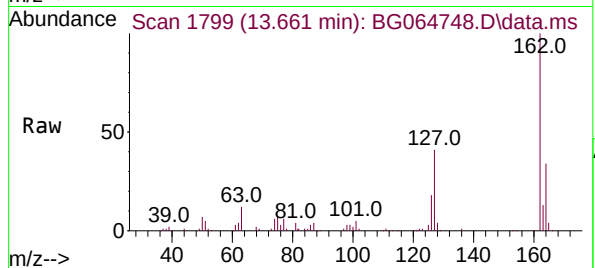
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

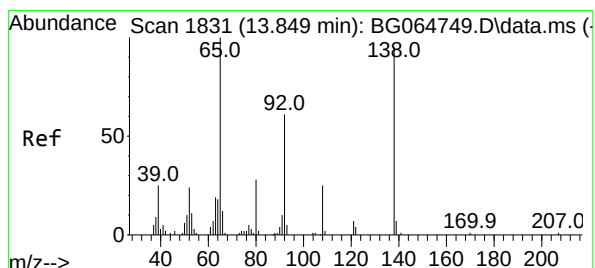
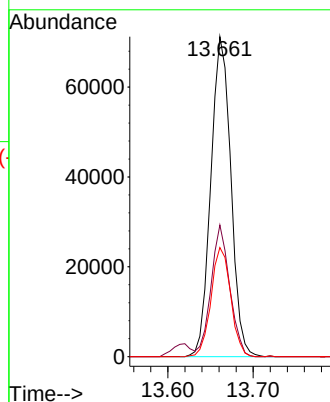
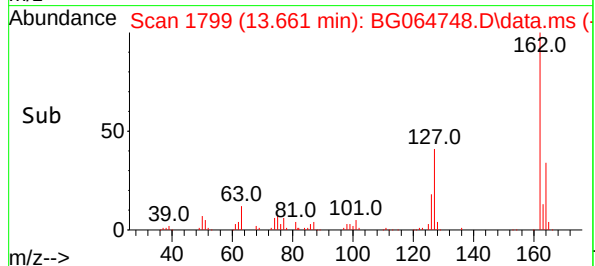
SSTDIC020



Tgt Ion:	162	Resp:	116198
Ion Ratio	Lower	Upper	
162	100		
127	41.1	30.3	45.5
164	34.1	26.8	40.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

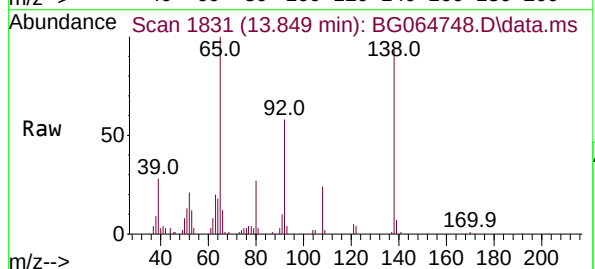
Concen: 20.495 ng

RT: 13.849 min Scan# 1831

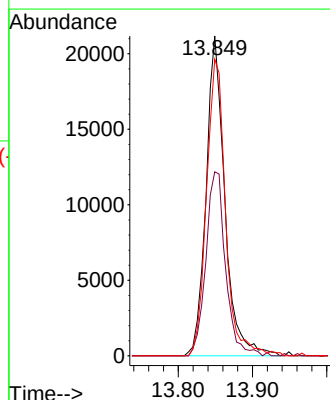
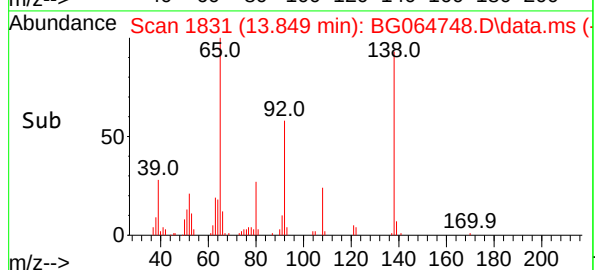
Delta R.T. 0.000 min

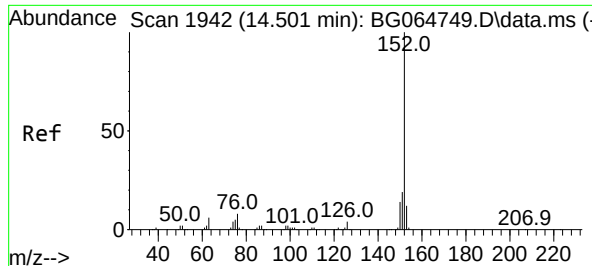
Lab File: BG064748.D

Acq: 12 Nov 2025 13:20



Tgt Ion:	65	Resp:	37146
Ion Ratio	Lower	Upper	
65	100		
92	57.5	48.6	73.0
138	92.7	76.4	114.6





#49

Acenaphthylene

Concen: 20.651 ng

RT: 14.501 min Scan# 1942

Delta R.T. 0.000 min

Lab File: BG064748.D

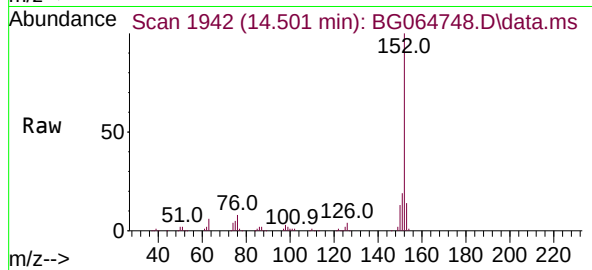
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

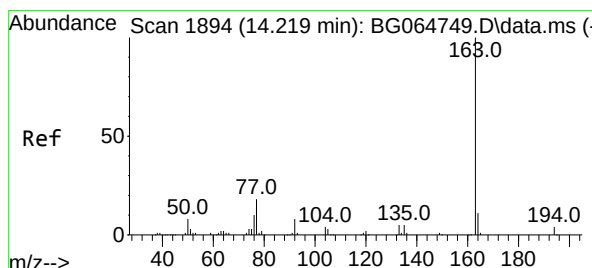
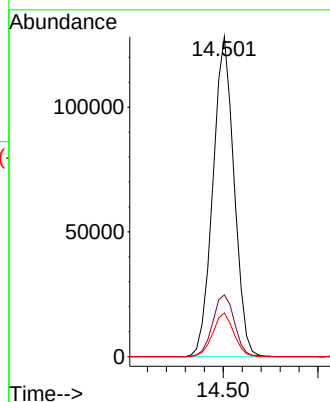
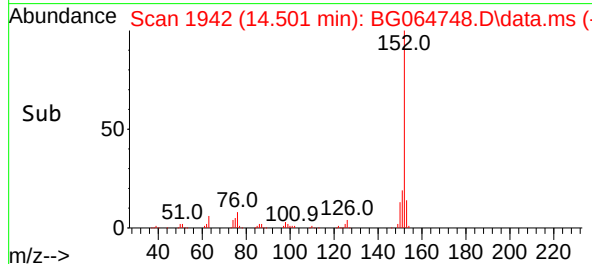


Tgt Ion:	152	Resp:	198809
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.0	22.4
153	13.6	9.9	14.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

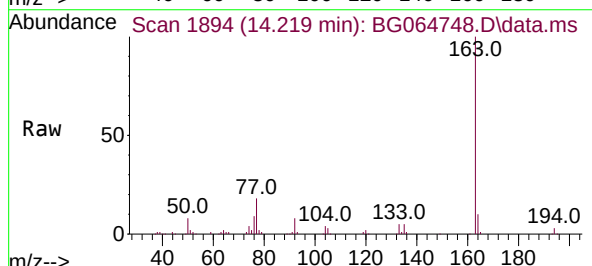
Concen: 20.940 ng

RT: 14.219 min Scan# 1894

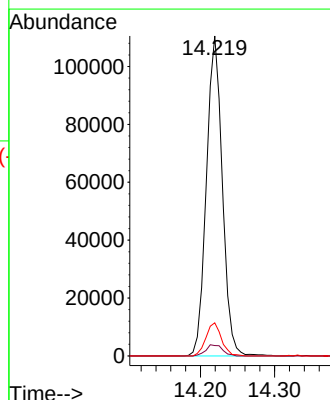
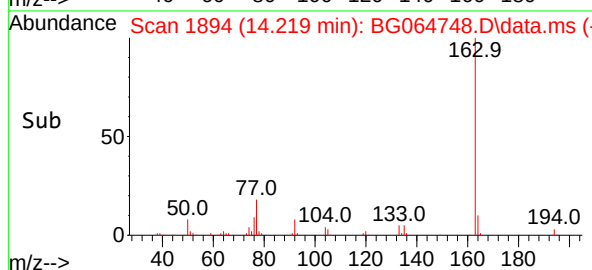
Delta R.T. 0.000 min

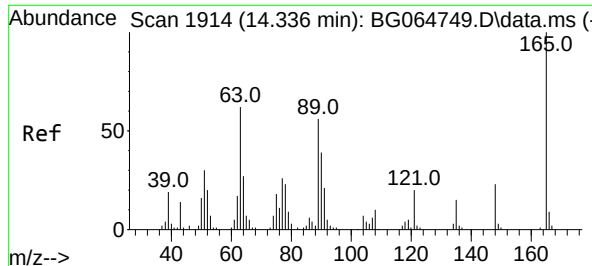
Lab File: BG064748.D

Acq: 12 Nov 2025 13:20



Tgt Ion:	163	Resp:	164729
Ion Ratio	Lower	Upper	
163	100		
194	3.2	3.1	4.7
164	10.3	8.6	12.8





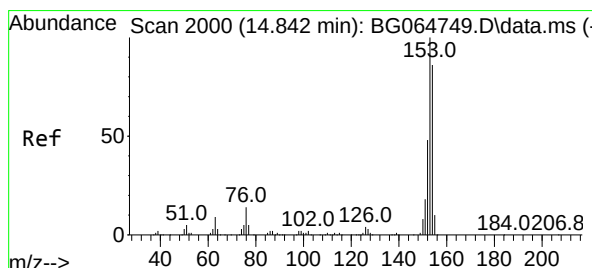
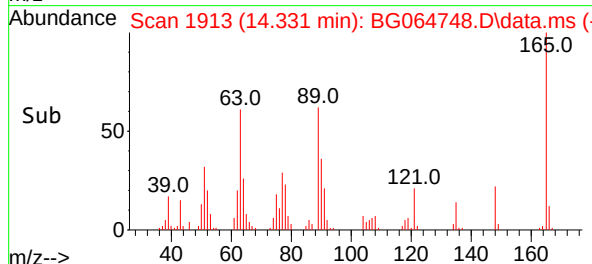
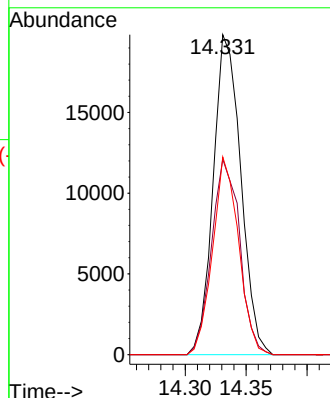
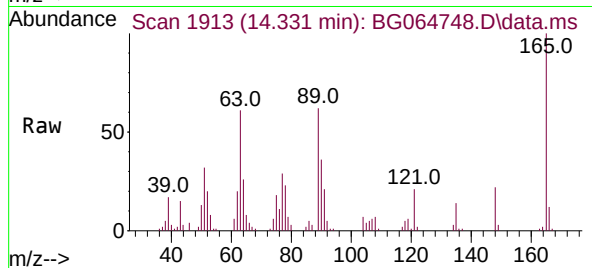
#51
2,6-Dinitrotoluene
Concen: 20.573 ng
RT: 14.331 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 31143
Ion Ratio Lower Upper
165 100
63 61.1 49.8 74.8
89 61.8 45.0 67.4

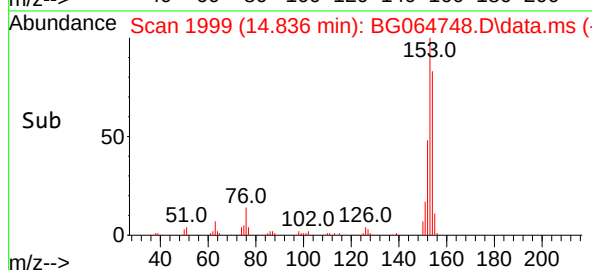
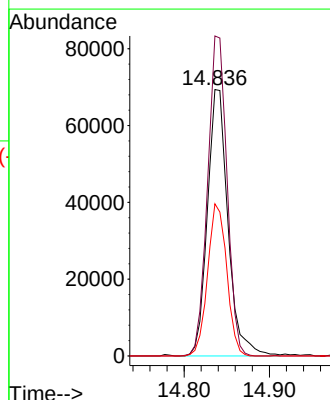
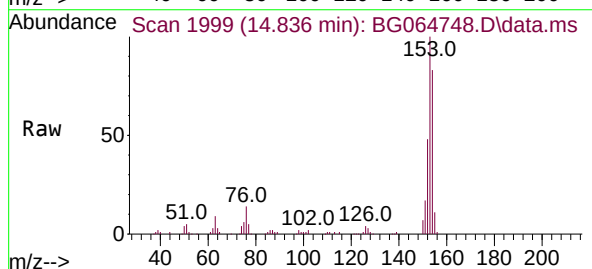
Manual Integrations
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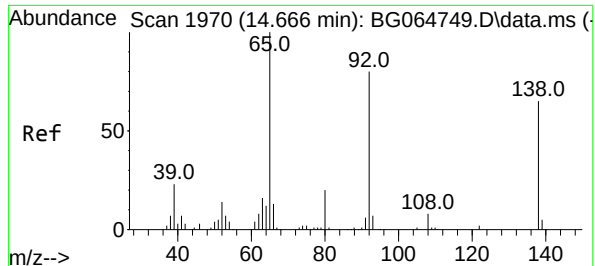
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#52
Acenaphthene
Concen: 20.176 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

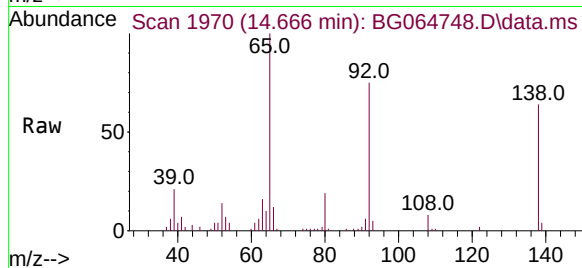
Tgt Ion:154 Resp: 116463
Ion Ratio Lower Upper
154 100
153 120.1 93.0 139.4
152 57.1 44.4 66.6





#53
3-Nitroaniline
Concen: 20.041 ng
RT: 14.666 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

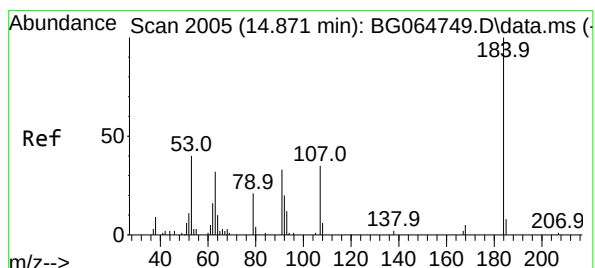
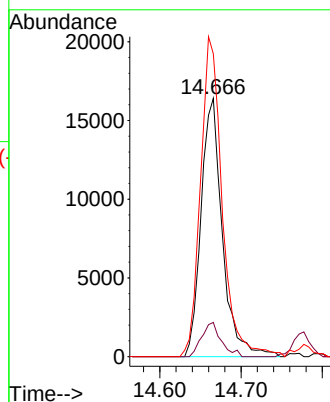
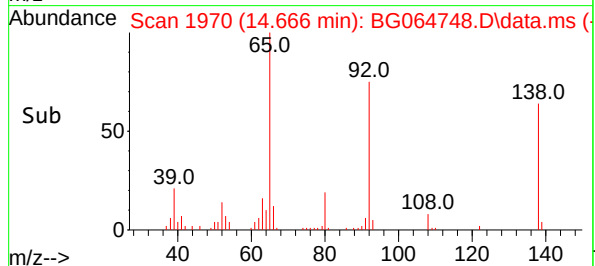
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 29942
Ion Ratio Lower Upper
138 100
108 13.2 9.5 14.3
92 117.3 99.0 148.4

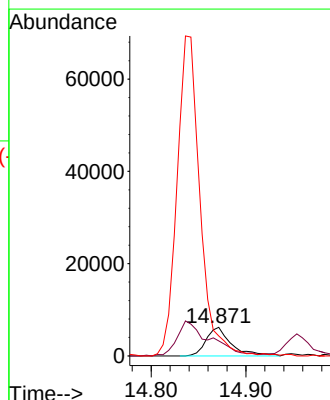
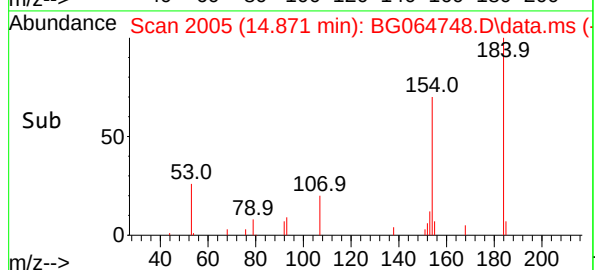
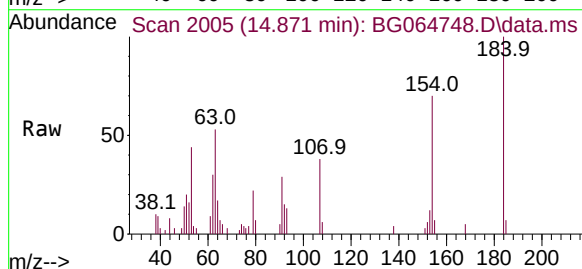
Manual Integrations
APPROVED

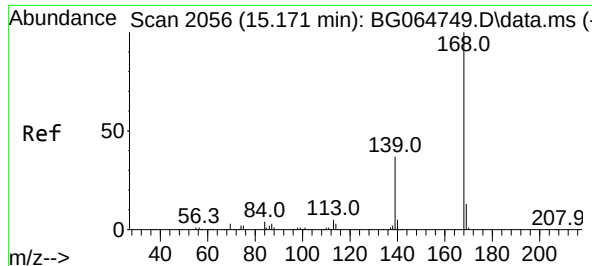
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54
2,4-Dinitrophenol
Concen: 18.387 ng
RT: 14.871 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

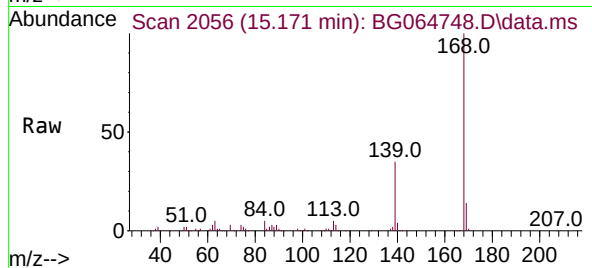
Tgt Ion:184 Resp: 11387
Ion Ratio Lower Upper
184 100
63 52.6 45.8 68.6
154 69.9 52.6 78.8





#55
Dibenzofuran
Concen: 20.809 ng
RT: 15.171 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

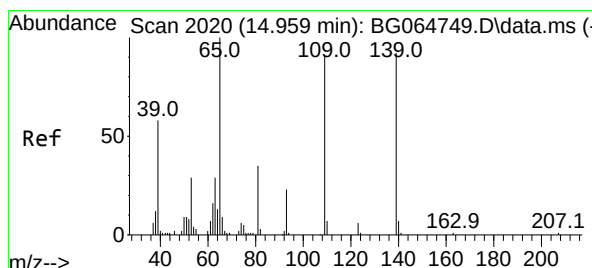
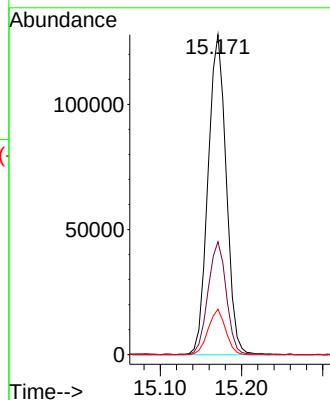
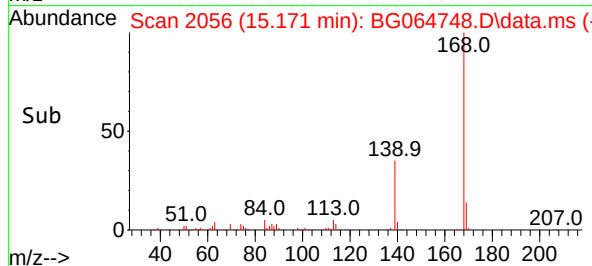
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



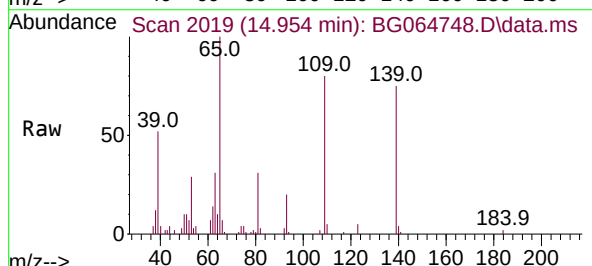
Tgt Ion:168 Resp: 198574
Ion Ratio Lower Upper
168 100
139 35.3 29.5 44.3
169 14.2 10.4 15.6

Manual Integrations
APPROVED

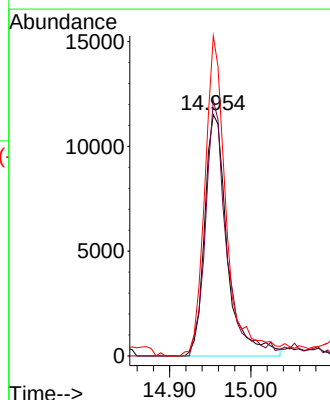
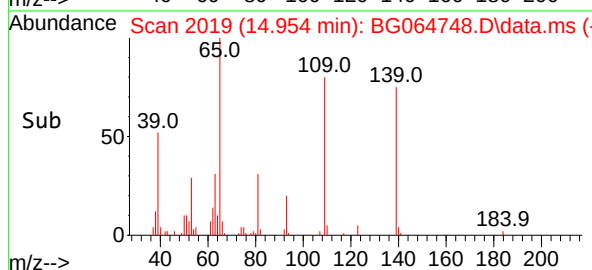
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

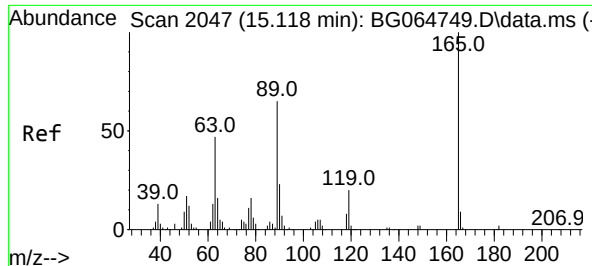


#56
4-Nitrophenol
Concen: 18.849 ng
RT: 14.954 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



Tgt Ion:139 Resp: 22343
Ion Ratio Lower Upper
139 100
109 105.8 79.7 119.7
65 132.7 89.9 129.9#





#57
2,4-Dinitrotoluene
Concen: 20.931 ng
RT: 15.112 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

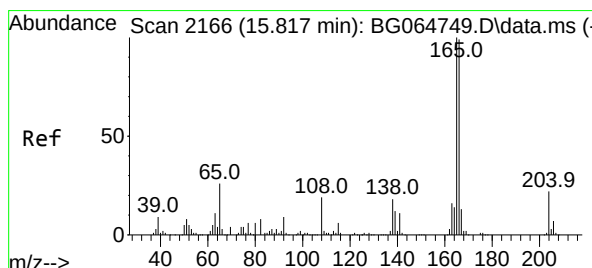
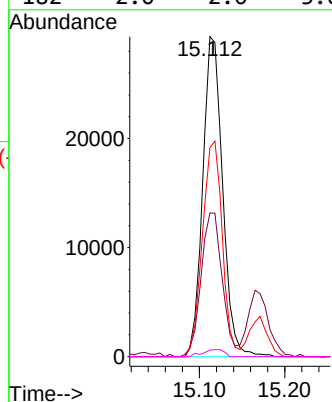
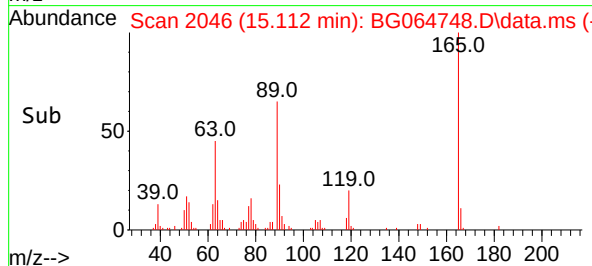
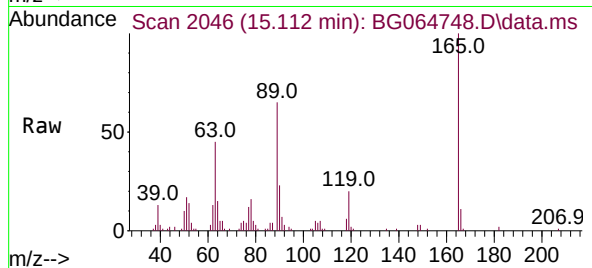
ClientSampleId :

SSTDICC020

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.9	37.8	56.6
89	65.3	51.6	77.4
182	2.0	2.0	3.0

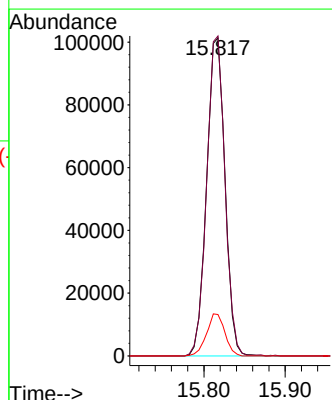
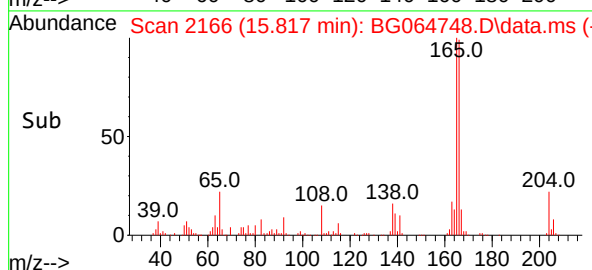
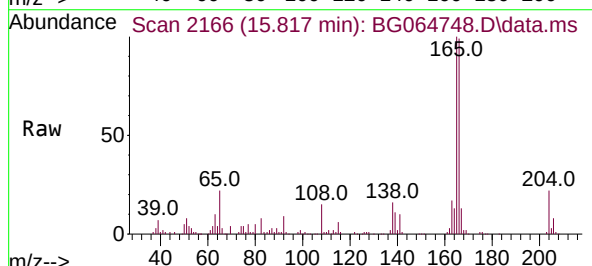
Manual Integrations
APPROVED

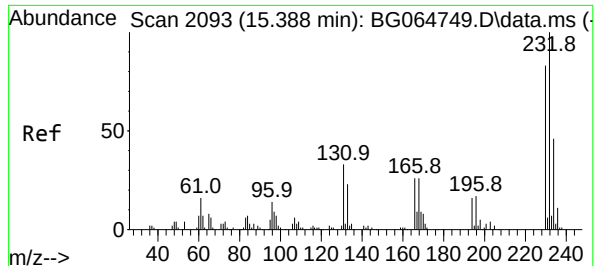
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#58
Fluorene
Concen: 21.222 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.5	120.7
167	13.0	10.3	15.5





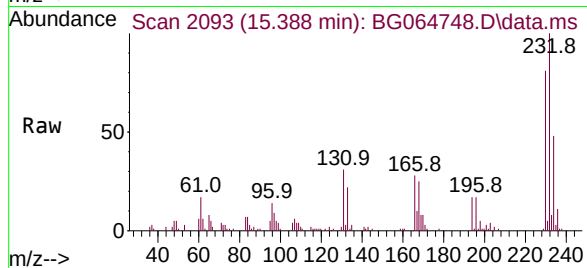
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.601 ng
RT: 15.388 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

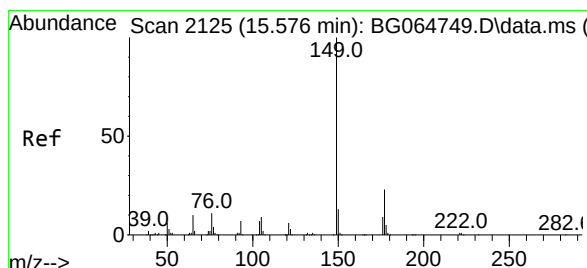
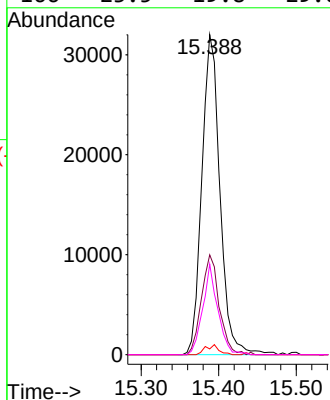
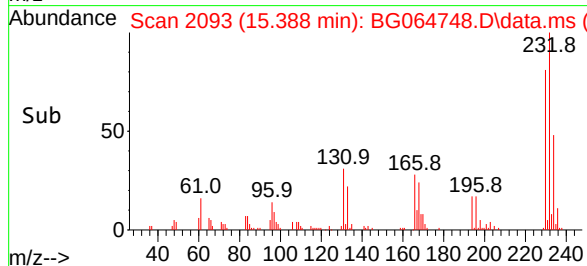
SSTDICC020



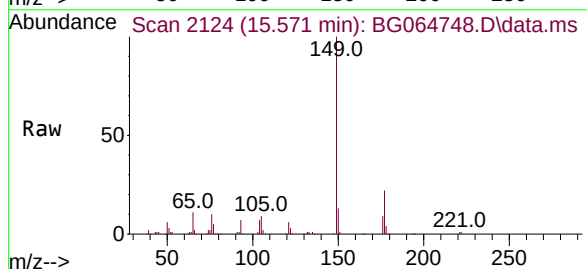
Tgt Ion:232 Resp: 5185
Ion Ratio Lower Upper
232 100
131 30.6 26.0 39.0
130 2.3 1.6 2.4
166 23.5 19.8 29.6

Manual Integrations
APPROVED

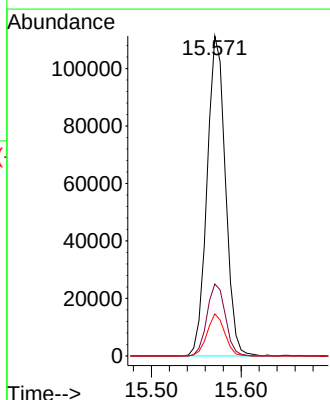
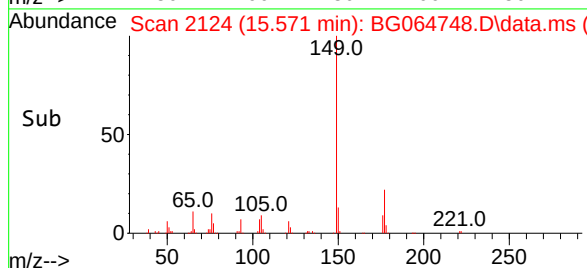
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

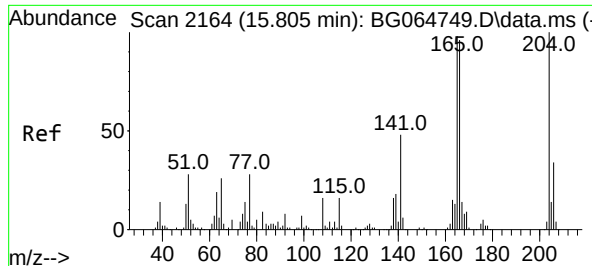


#60
Diethylphthalate
Concen: 20.942 ng
RT: 15.571 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



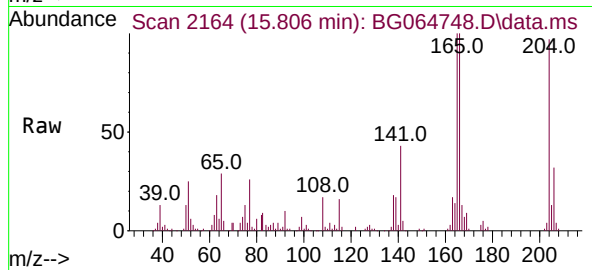
Tgt Ion:149 Resp: 157815
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 20.839 ng
RT: 15.806 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

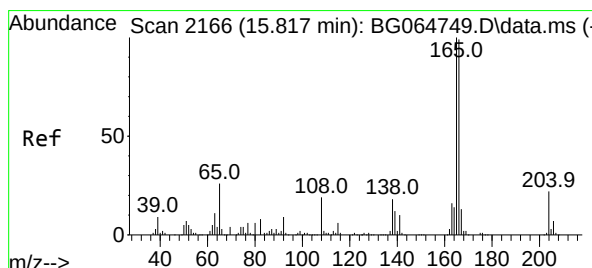
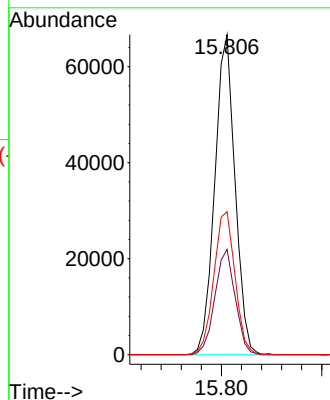
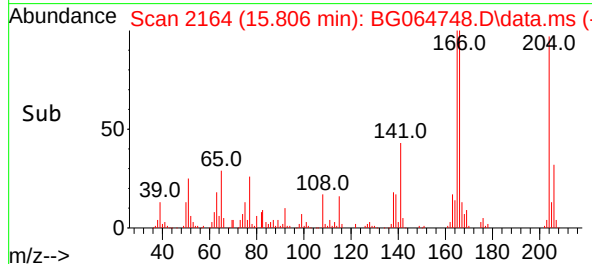
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



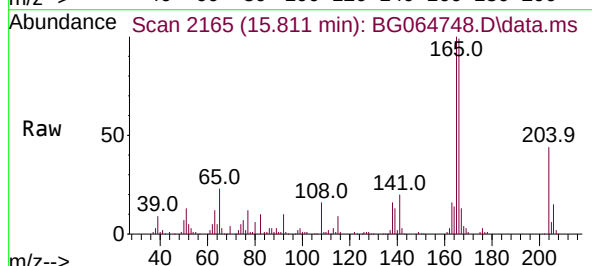
Tgt Ion:204 Resp: 93601
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 44.7 38.1 57.1

Manual Integrations
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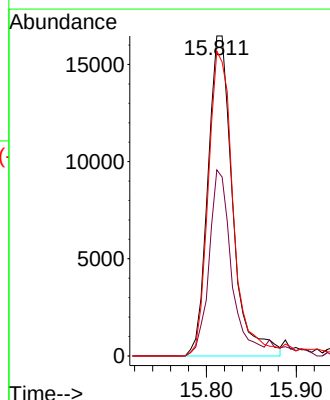
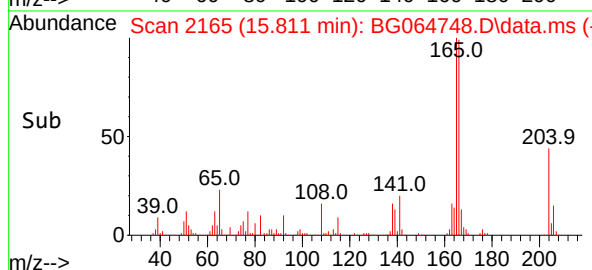
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

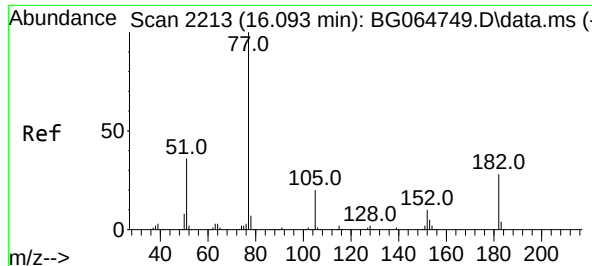


#62
4-Nitroaniline
Concen: 20.442 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



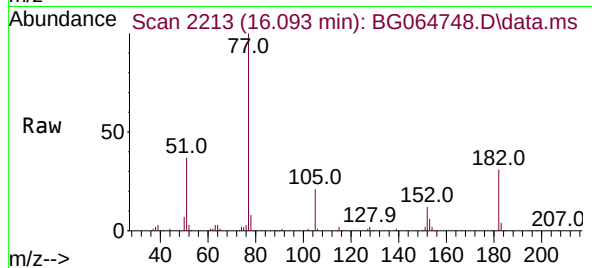
Tgt Ion:138 Resp: 31639
Ion Ratio Lower Upper
138 100
92 58.1 30.7 70.7
108 95.2 85.7 125.7





#63
Azobenzene
Concen: 20.795 ng
RT: 16.093 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

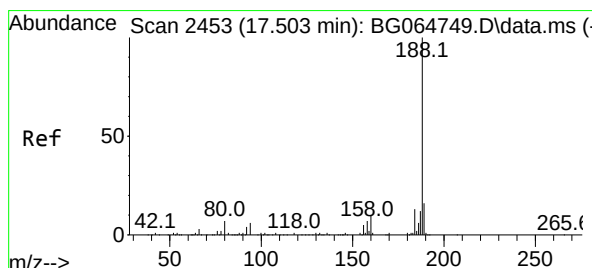
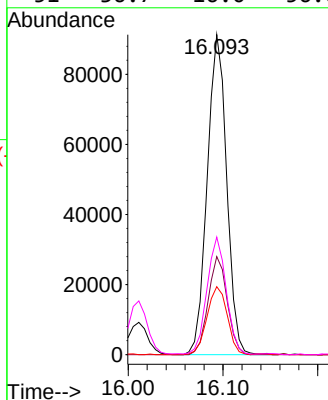
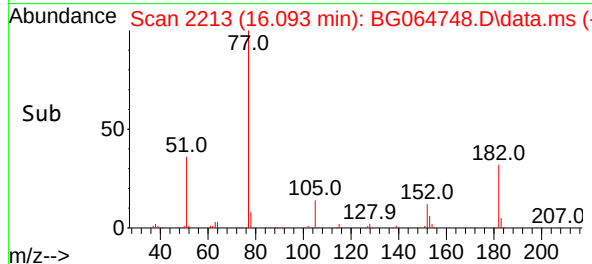
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



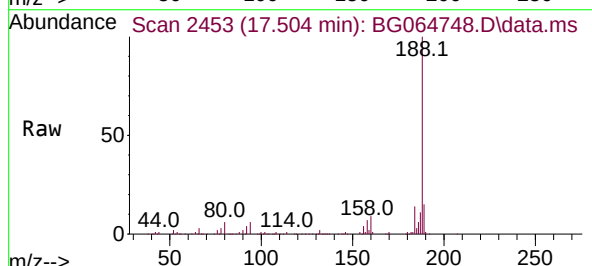
Tgt Ion: 77 Resp: 130344
Ion Ratio Lower Upper
77 100
182 30.6 8.1 48.1
105 21.2 0.1 40.1
51 36.7 16.0 56.0

Manual Integrations
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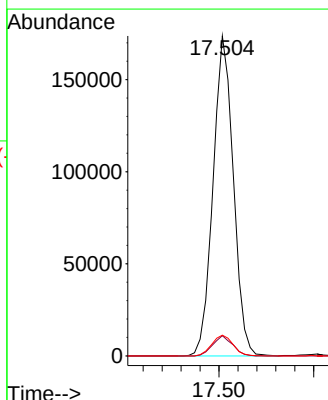
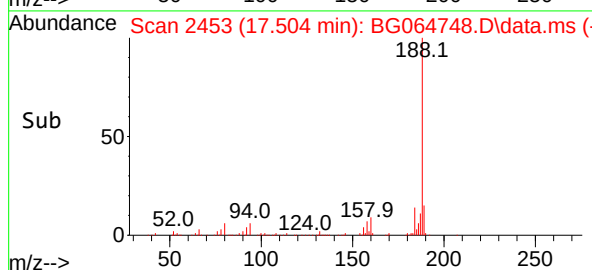
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

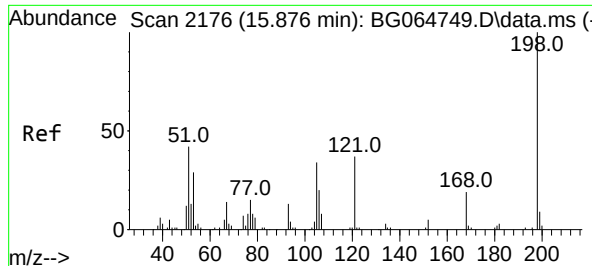


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



Tgt Ion:188 Resp: 258312
Ion Ratio Lower Upper
188 100
94 6.3 4.7 7.1
80 6.5 5.4 8.2





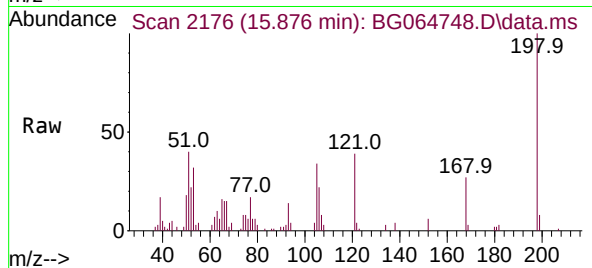
#65
4,6-Dinitro-2-methylphenol
Concen: 17.855 ng
RT: 15.876 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

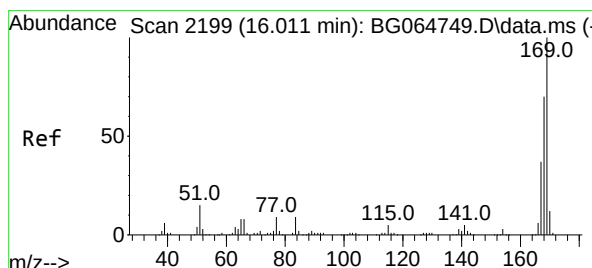
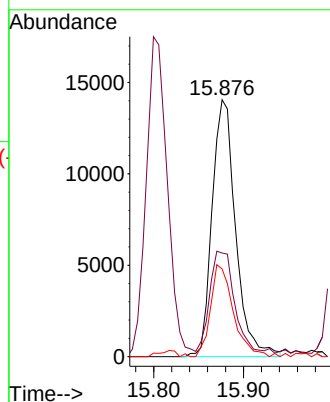
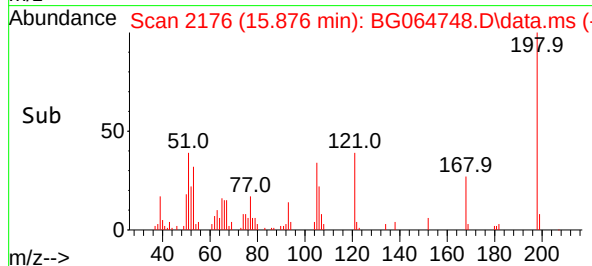
SSTDICC020



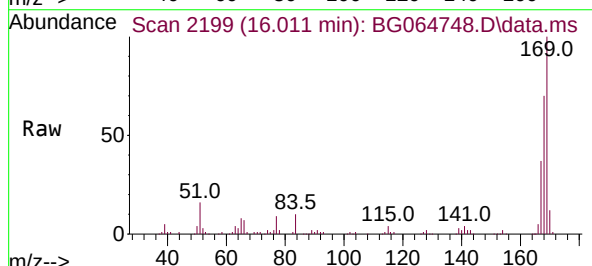
Tgt Ion:198 Resp: 2560
Ion Ratio Lower Upper
198 100
51 40.4 25.2 65.2
105 34.1 14.2 54.2

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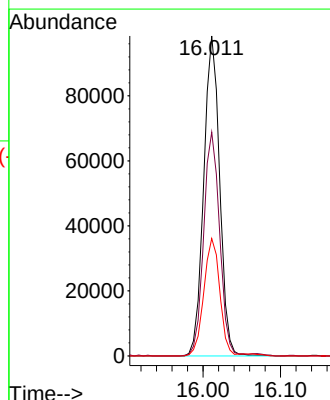
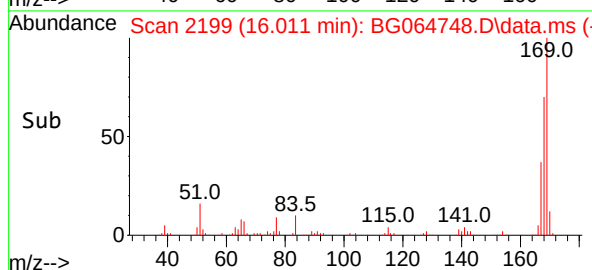
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

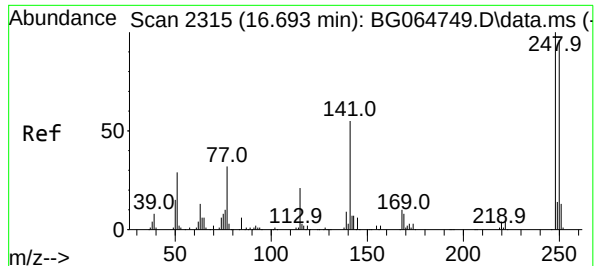


#66
n-Nitrosodiphenylamine
Concen: 20.753 ng
RT: 16.011 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



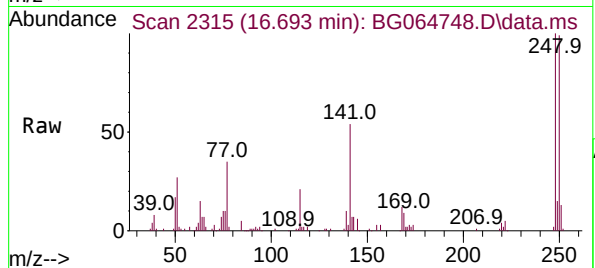
Tgt Ion:169 Resp: 140419
Ion Ratio Lower Upper
169 100
168 69.9 55.9 83.9
167 36.7 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 20.520 ng
RT: 16.693 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

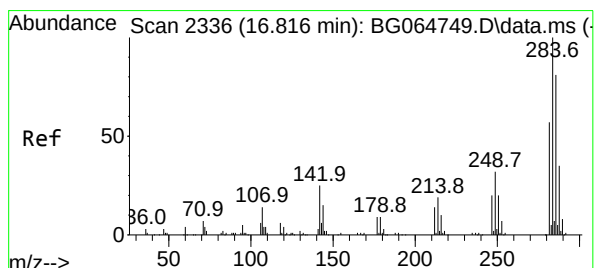
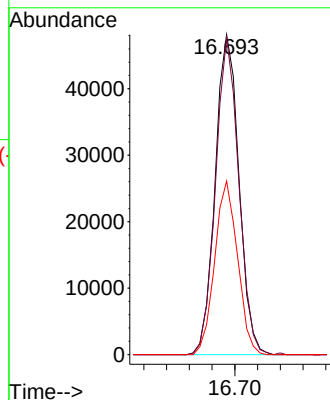
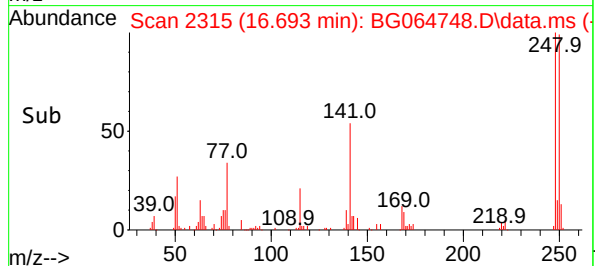
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 69609
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.6
141 54.2 43.7 65.5

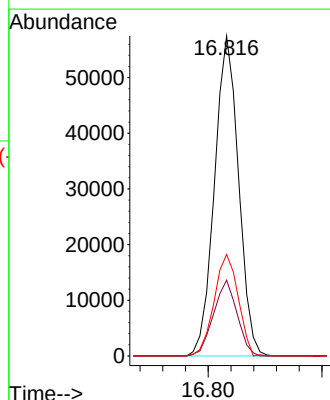
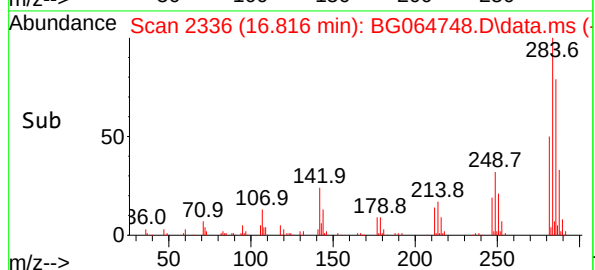
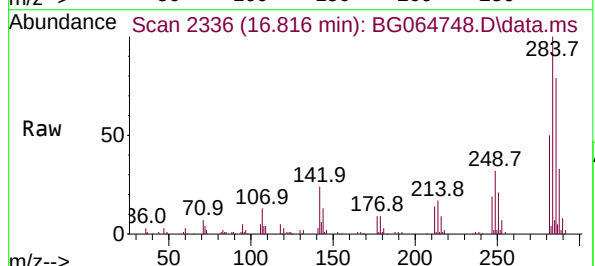
Manual Integrations
APPROVED

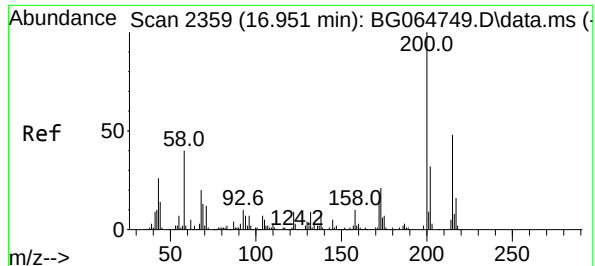
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#68
Hexachlorobenzene
Concen: 20.485 ng
RT: 16.816 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:284 Resp: 84192
Ion Ratio Lower Upper
284 100
142 23.7 19.7 29.5
249 33.8 28.1 42.1





#69

Atrazine

Concen: 20.339 ng

RT: 16.945 min Scan# 2358

Delta R.T. -0.006 min

Lab File: BG064748.D

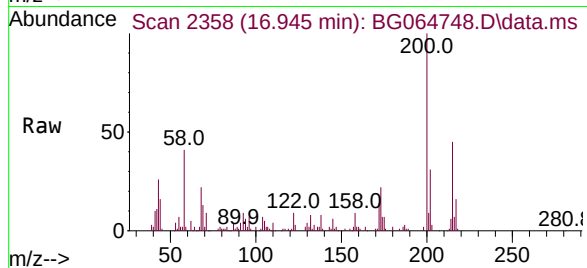
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

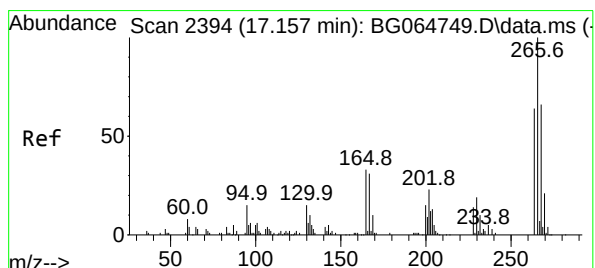
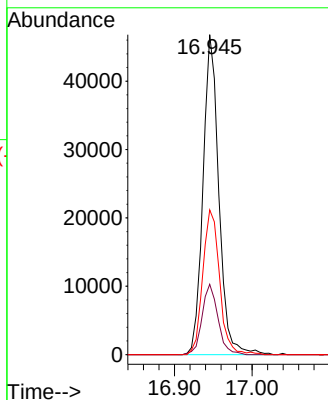
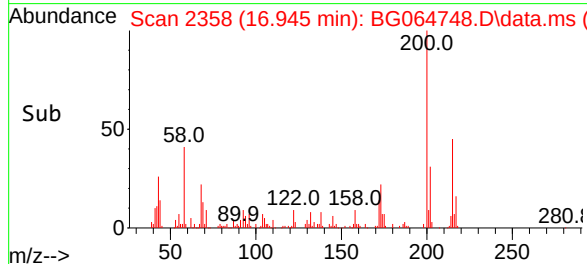
SSTDIC020



Tgt Ion:	200	Resp:	66348
Ion Ratio	Lower	Upper	
200	100		
173	22.0	0.9	40.9
215	45.2	27.5	67.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

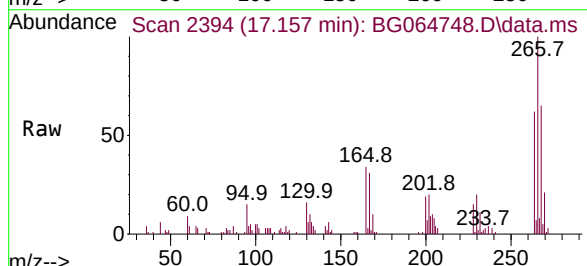
Concen: 19.686 ng

RT: 17.157 min Scan# 2394

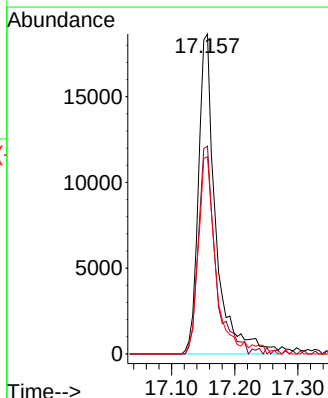
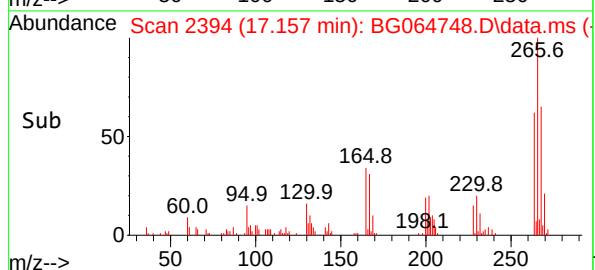
Delta R.T. -0.000 min

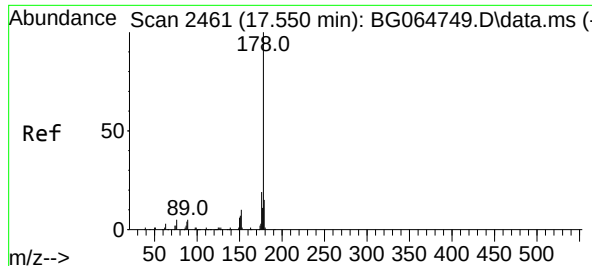
Lab File: BG064748.D

Acq: 12 Nov 2025 13:20



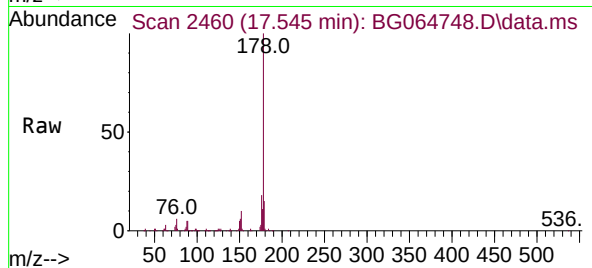
Tgt Ion:	266	Resp:	35678
Ion Ratio	Lower	Upper	
266	100		
268	70.1	56.1	84.1
264	61.6	51.2	76.8





#71
Phenanthrene
Concen: 20.531 ng
RT: 17.545 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

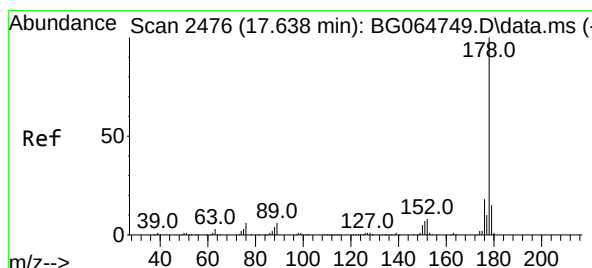
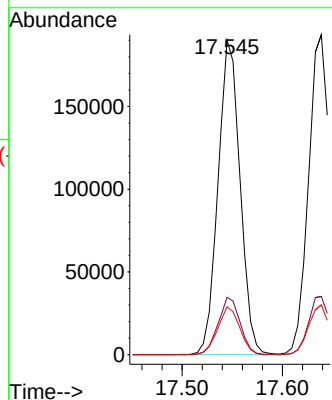
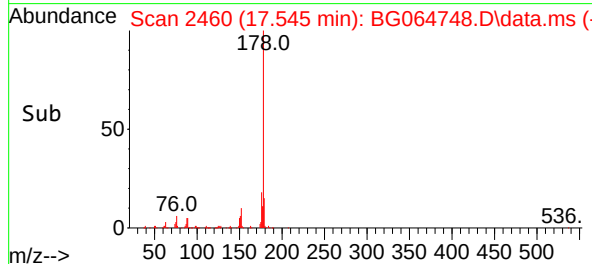
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 290163
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.2 12.2 18.4

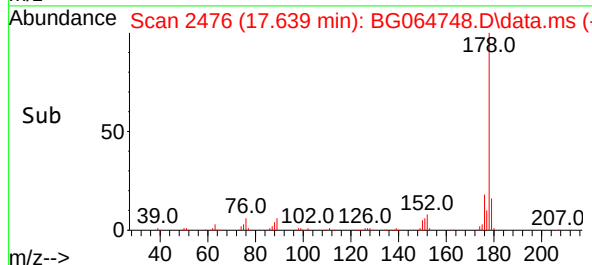
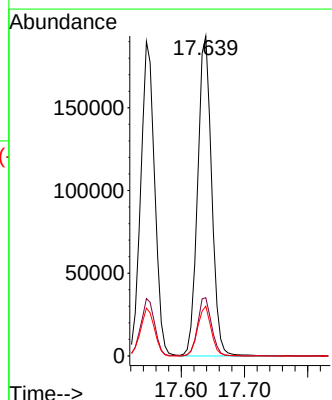
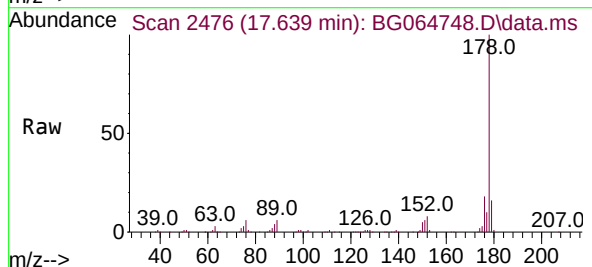
Manual Integrations
APPROVED

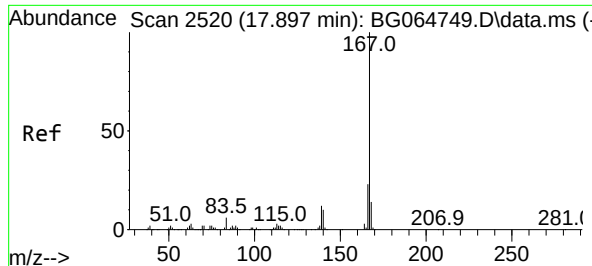
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 20.642 ng
RT: 17.639 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

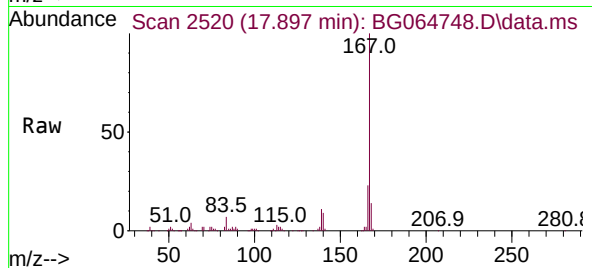
Tgt Ion:178 Resp: 297476
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.5 12.2 18.4





#73
Carbazole
Concen: 20.477 ng
RT: 17.897 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

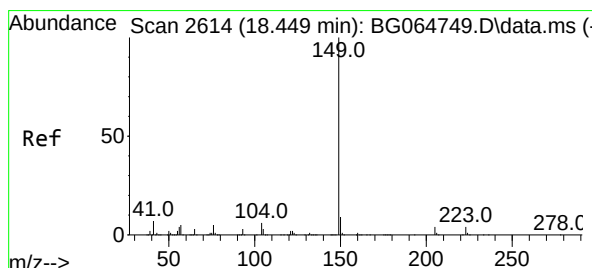
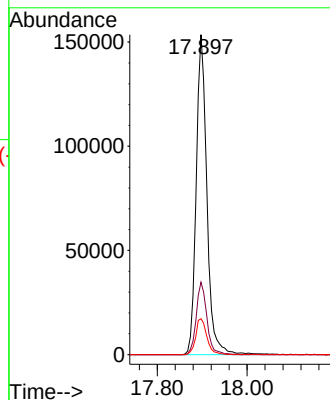
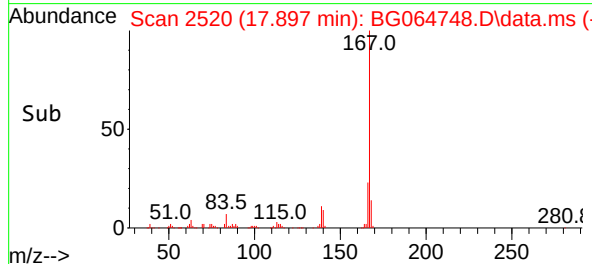
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



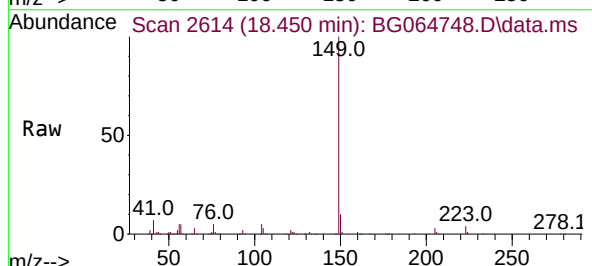
Tgt Ion:167 Resp: 253683
Ion Ratio Lower Upper
167 100
166 22.6 18.0 27.0
139 11.2 9.7 14.5

Manual Integrations
APPROVED

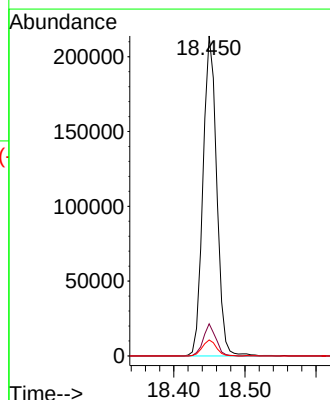
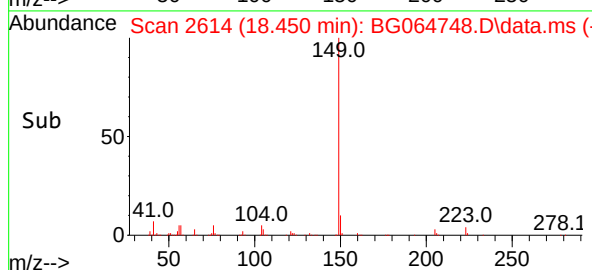
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

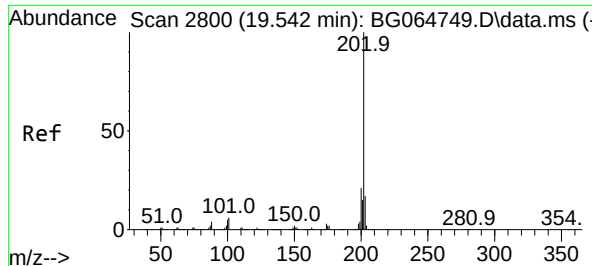


#74
Di-n-butylphthalate
Concen: 20.654 ng
RT: 18.450 min Scan# 2614
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



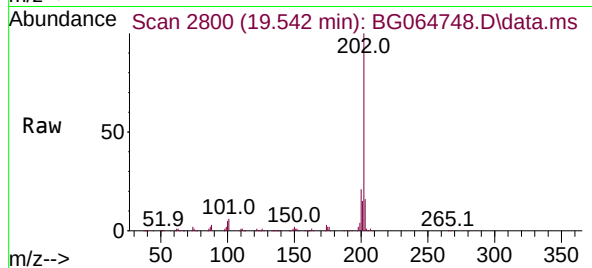
Tgt Ion:149 Resp: 285465
Ion Ratio Lower Upper
149 100
150 10.0 7.5 11.3
104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 20.462 ng
RT: 19.542 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

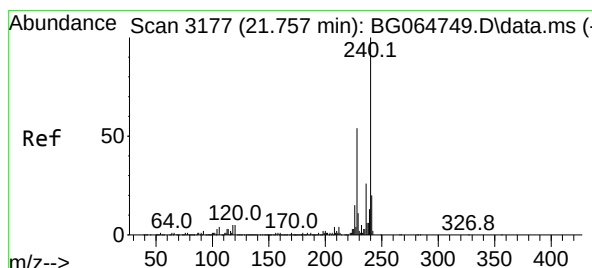
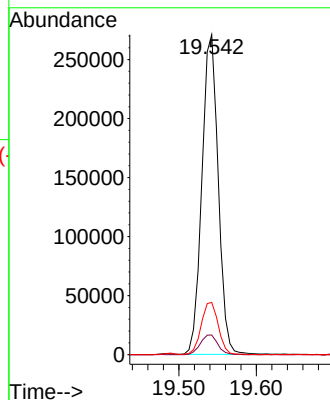
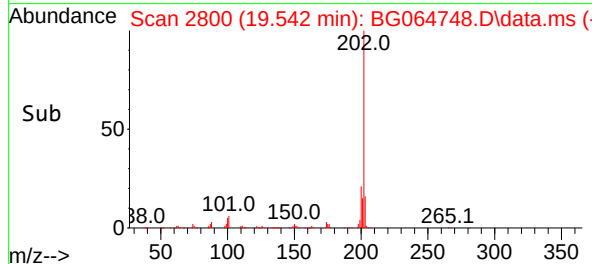
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 39544
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.4
203 16.3 0.0 37.5

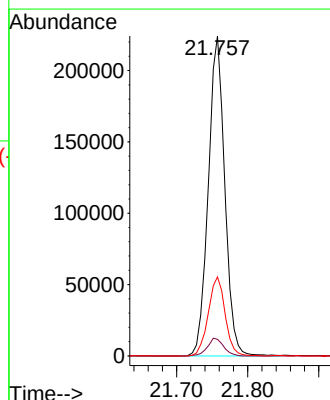
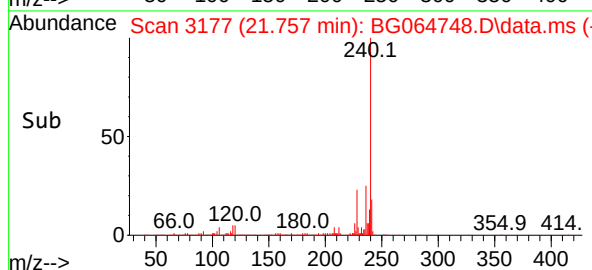
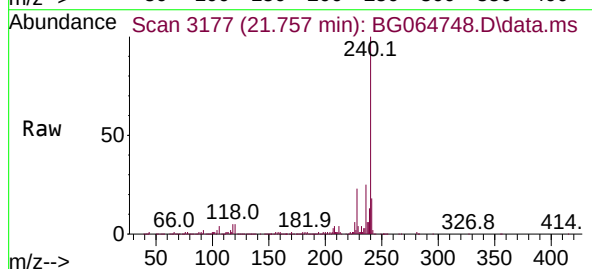
Manual Integrations
APPROVED

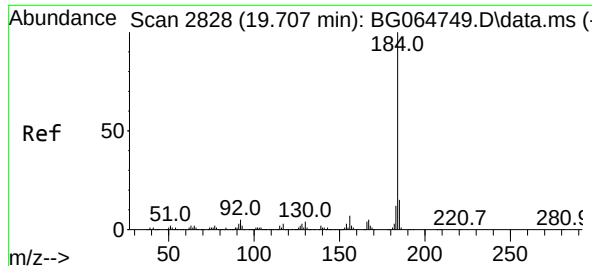
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

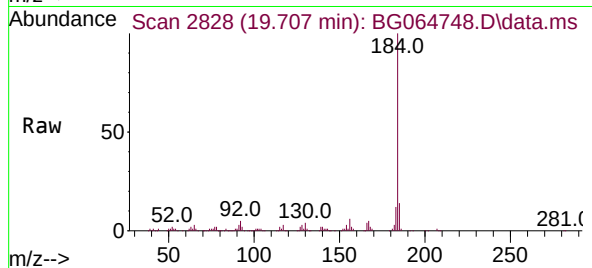
Tgt Ion:240 Resp: 361266
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.4
236 24.7 20.8 31.2





#77
Benzidine
Concen: 21.077 ng
RT: 19.707 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

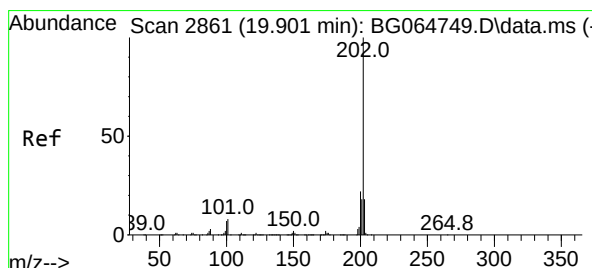
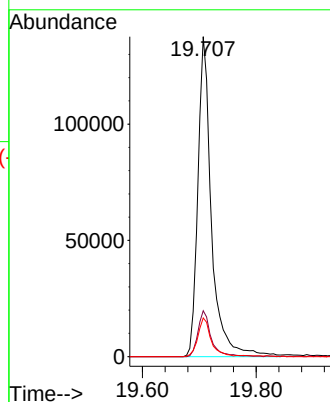
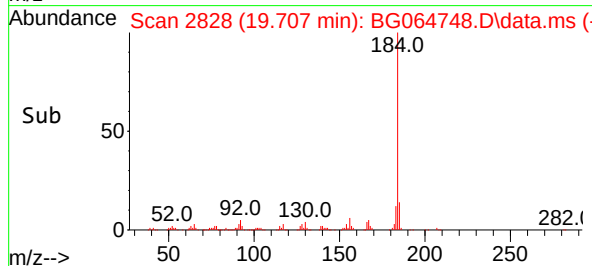
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 228040
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 12.1 9.8 14.6

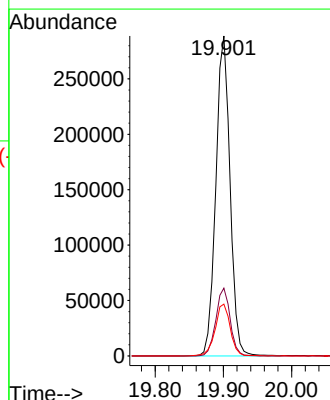
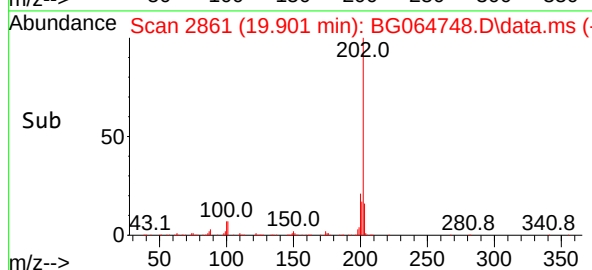
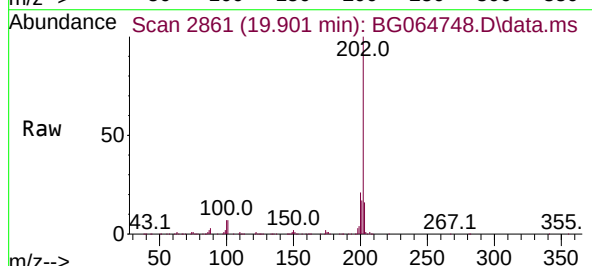
Manual Integrations
APPROVED

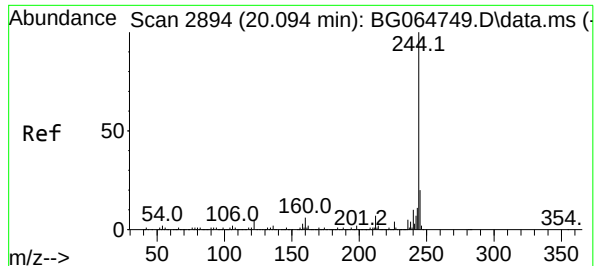
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 20.433 ng
RT: 19.901 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:202 Resp: 413710
Ion Ratio Lower Upper
202 100
200 21.2 17.9 26.9
203 16.2 14.0 21.0





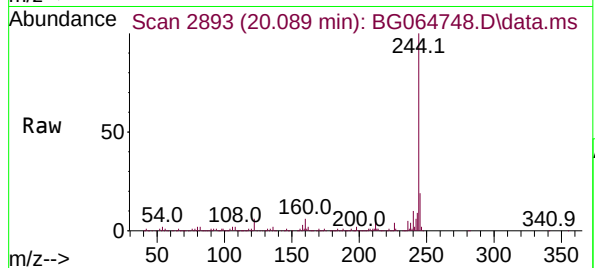
#79
Terphenyl-d14
Concen: 41.712 ng
RT: 20.089 min Scan# 2894
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

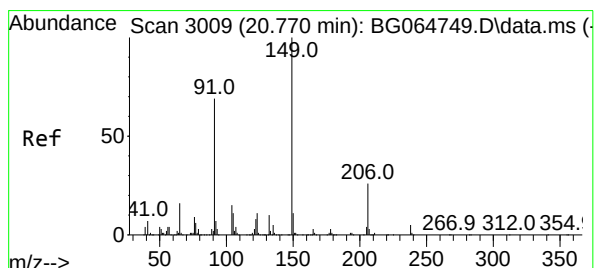
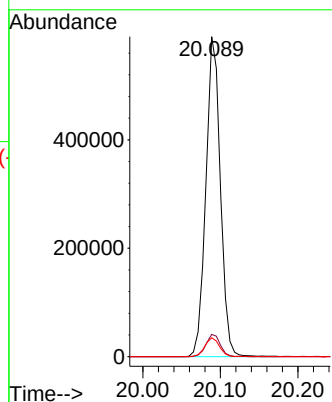
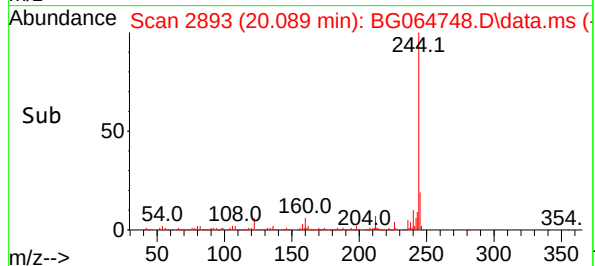
SSTDICC020



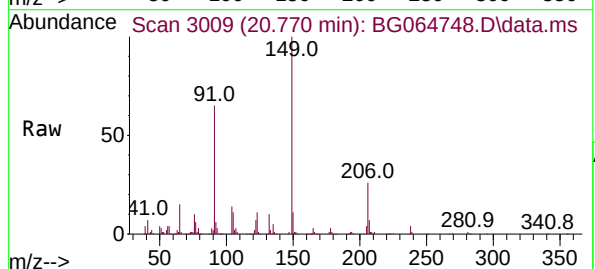
Tgt Ion:244 Resp: 766056
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 5.9 4.3 6.5

Manual Integrations
APPROVED

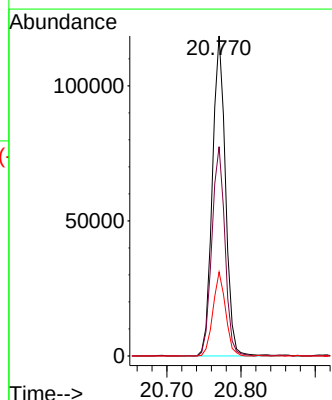
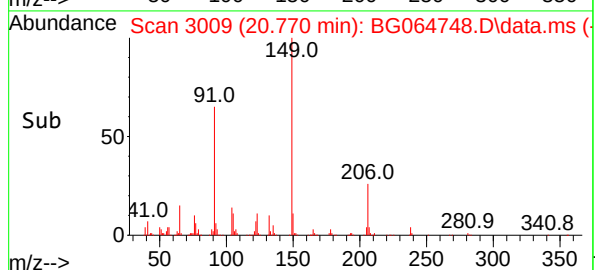
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

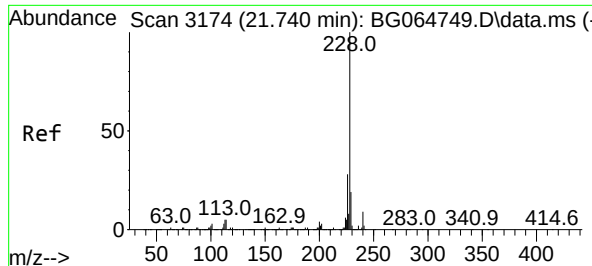


#80
Butylbenzylphthalate
Concen: 20.408 ng
RT: 20.770 min Scan# 3009
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



Tgt Ion:149 Resp: 145343
Ion Ratio Lower Upper
149 100
91 65.4 54.9 82.3
206 26.3 21.2 31.8





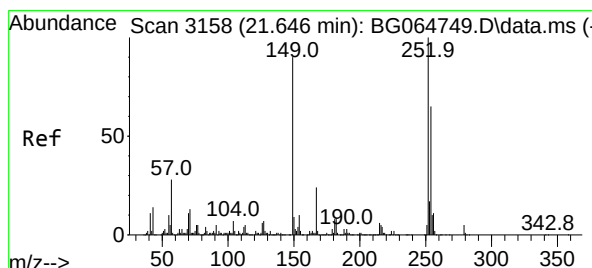
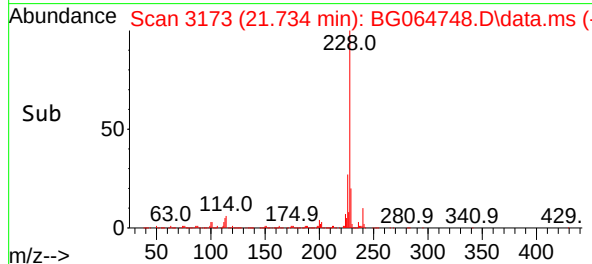
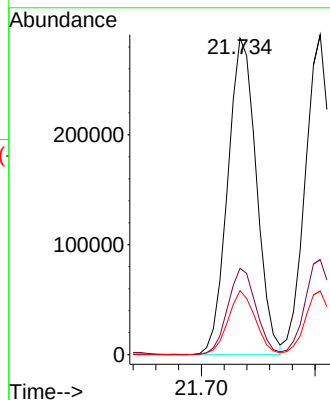
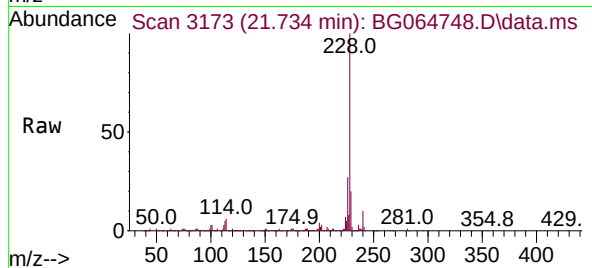
#81
Benzo(a)anthracene
Concen: 20.512 ng
RT: 21.734 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 503863
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.2 15.5 23.3

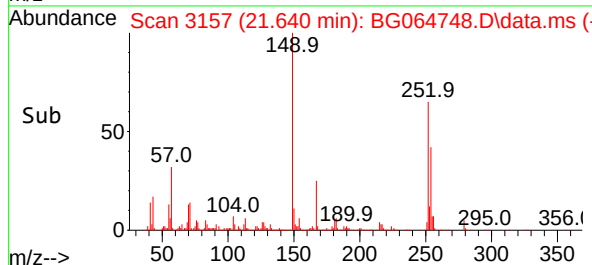
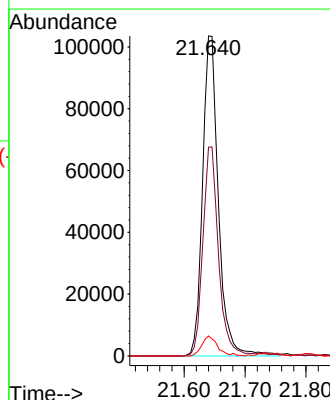
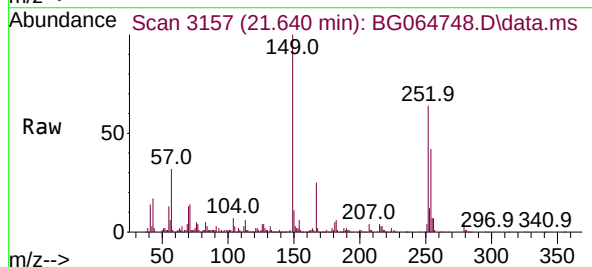
Manual Integrations
APPROVED

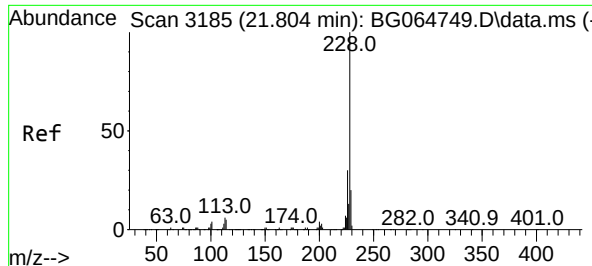
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 20.680 ng
RT: 21.640 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion:252 Resp: 186980
Ion Ratio Lower Upper
252 100
254 65.2 51.8 77.8
126 6.2 4.7 7.1





#83

Chrysene

Concen: 20.299 ng

RT: 21.804 min Scan# 3185

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 47011

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

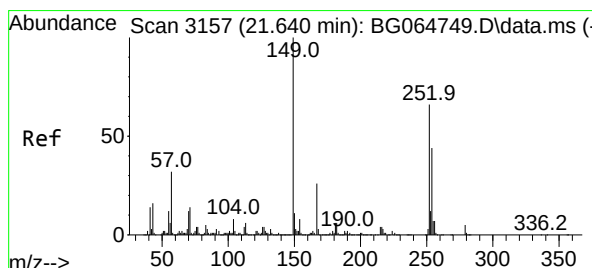
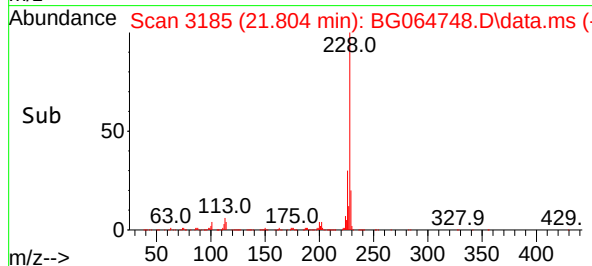
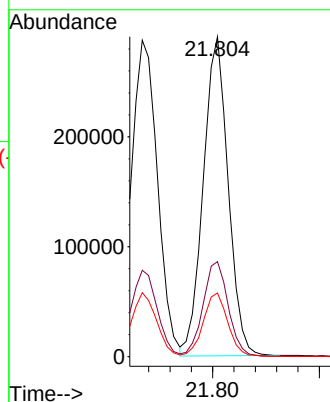
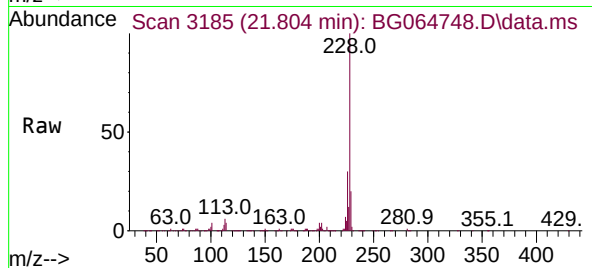
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.763 ng

RT: 21.640 min Scan# 3157

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

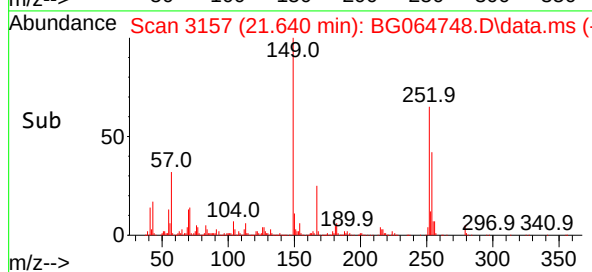
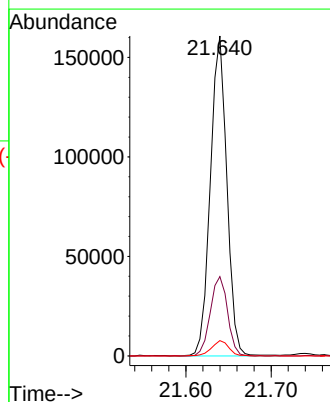
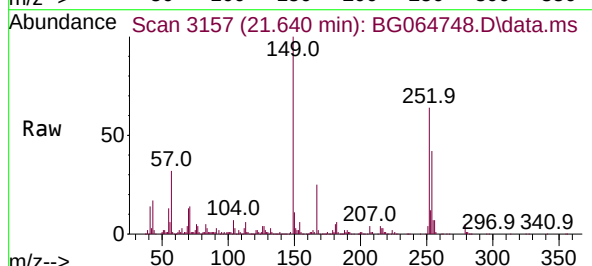
Tgt Ion:149 Resp: 216073

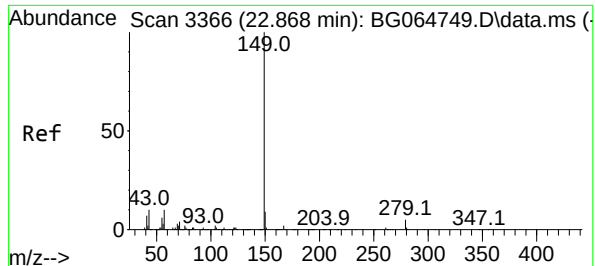
Ion Ratio Lower Upper

149 100

167 24.8 21.0 31.4

279 4.8 4.1 6.1





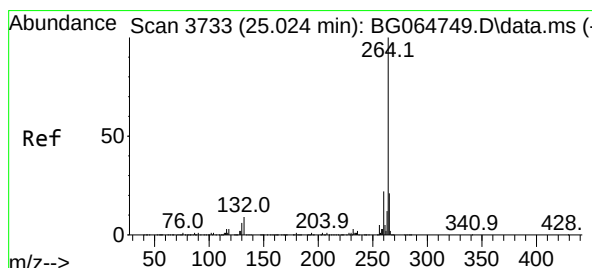
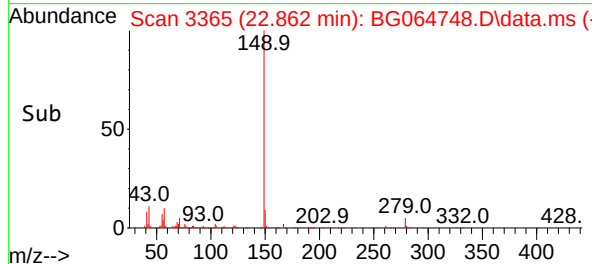
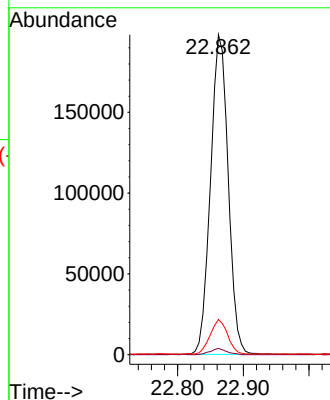
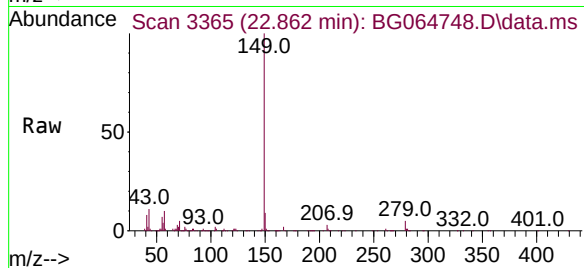
#85
Di-n-octyl phthalate
Concen: 20.598 ng
RT: 22.862 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 370539
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 10.8 8.3 12.5

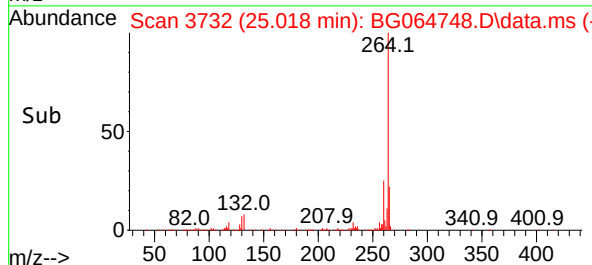
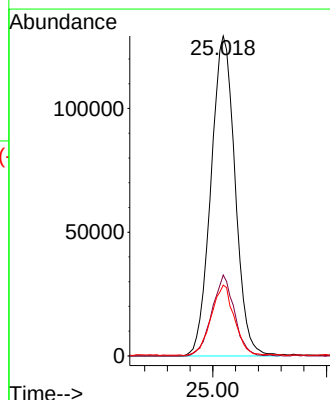
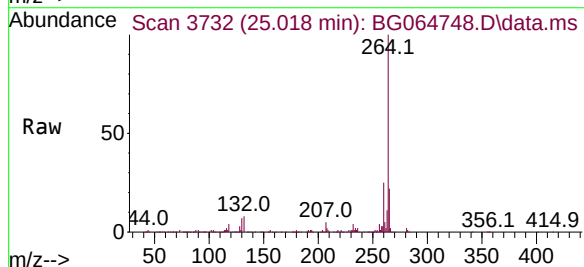
Manual Integrations
APPROVED

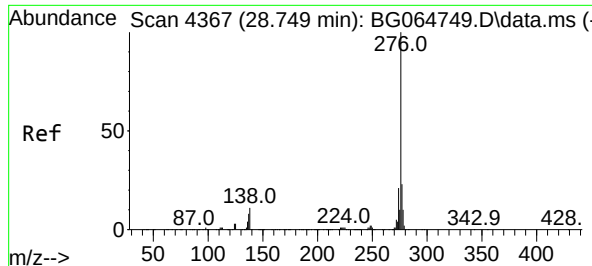
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.018 min Scan# 3732
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

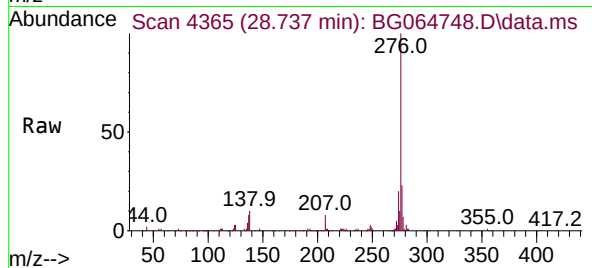
Tgt Ion:264 Resp: 380612
Ion Ratio Lower Upper
264 100
260 25.3 17.2 25.8
265 22.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.196 ng
RT: 28.737 min Scan# 4367
Delta R.T. -0.012 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

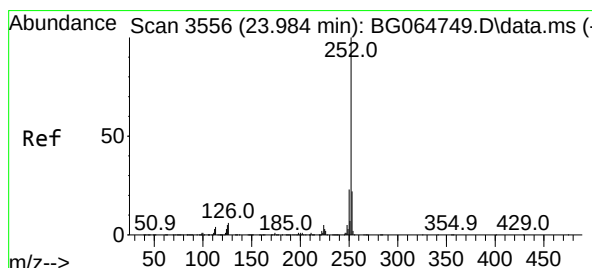
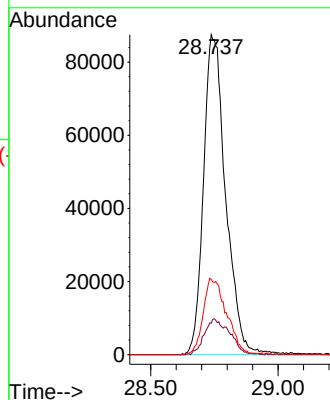
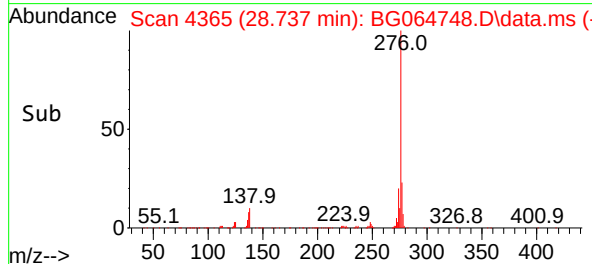
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 528109
Ion Ratio Lower Upper
276 100
138 12.6 4.5 6.7
277 25.0 20.0 30.0

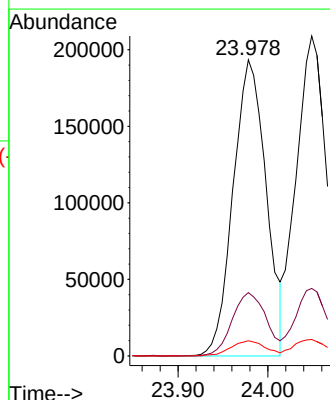
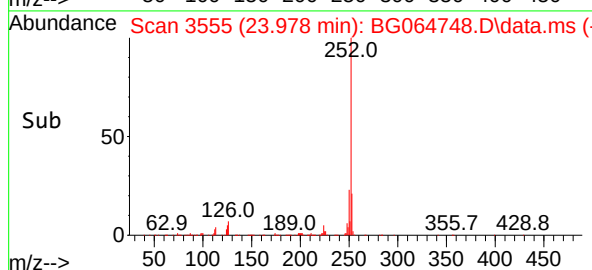
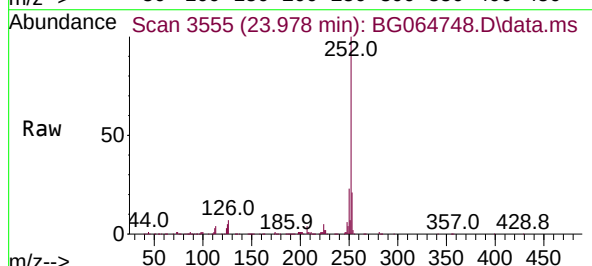
Manual Integrations
APPROVED

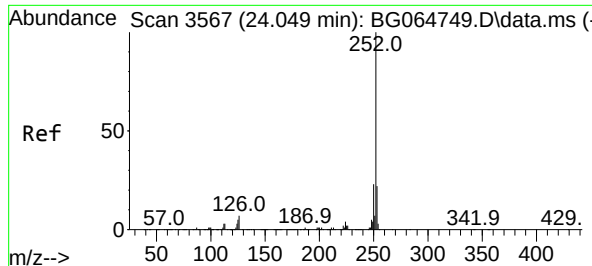
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025



#88
Benzo(b)fluoranthene
Concen: 20.419 ng
RT: 23.978 min Scan# 3555
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Tgt Ion: 252 Resp: 494588
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 5.1 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 20.661 ng

RT: 24.049 min Scan# 3567

Delta R.T. 0.000 min

Lab File: BG064748.D

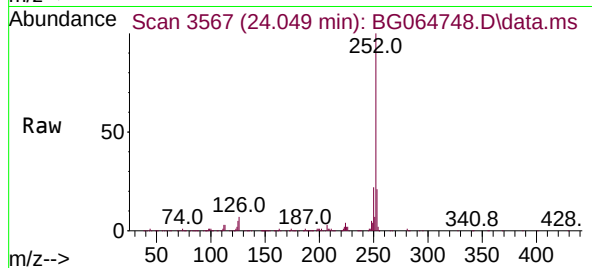
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:252 Resp: 50278

Ion Ratio Lower Upper

252 100

253 21.1 17.8 26.8

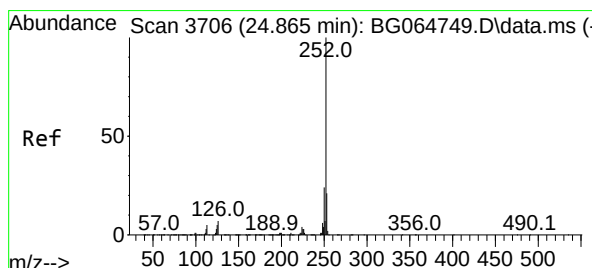
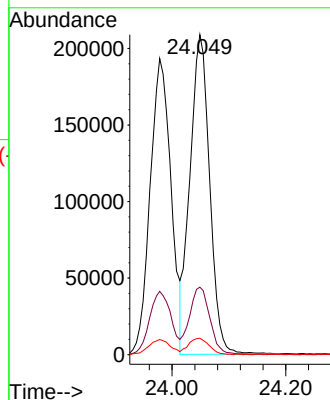
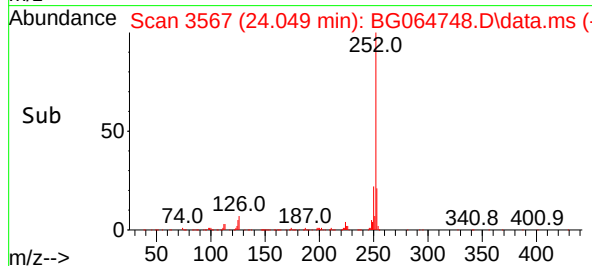
125 5.1 4.1 6.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

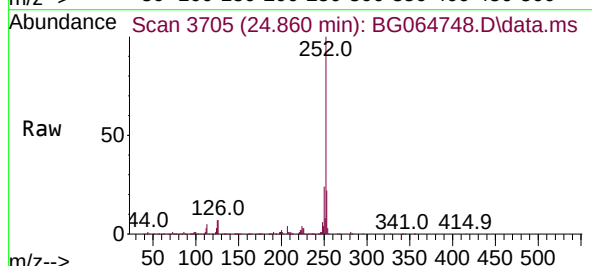
Concen: 20.279 ng

RT: 24.860 min Scan# 3705

Delta R.T. -0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20



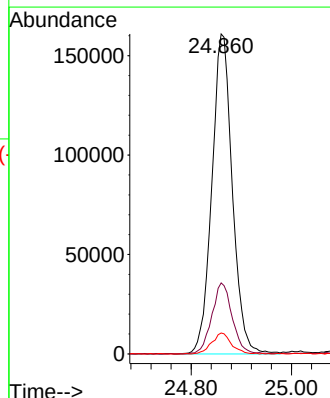
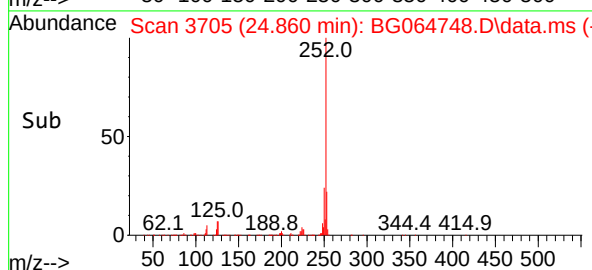
Tgt Ion:252 Resp: 455638

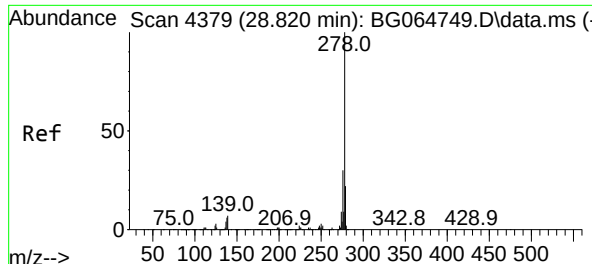
Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

125 6.5 4.2 6.4#





#91

Dibenzo(a,h)anthracene

Concen: 20.043 ng

RT: 28.808 min Scan# 4379

Delta R.T. -0.012 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

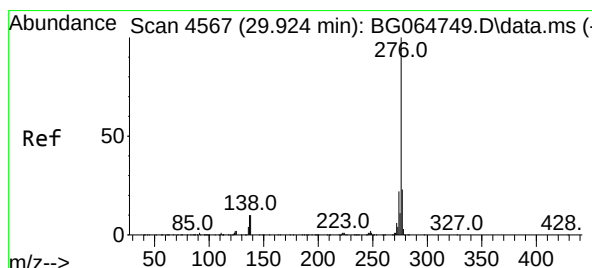
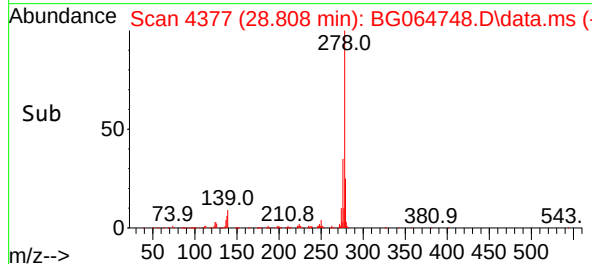
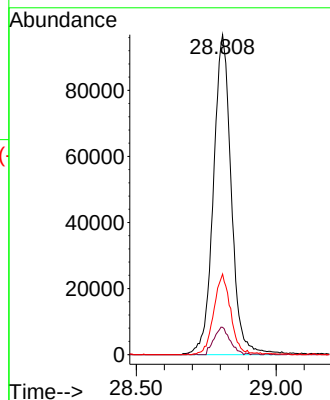
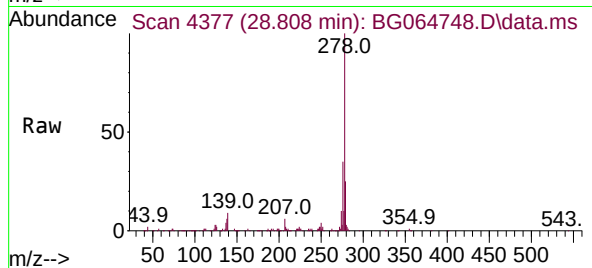
ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 429352
Ion Ratio Lower Upper
278 100
139 8.5 5.8 8.8
279 25.2 17.3 25.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92

Benzo(g,h,i)perylene

Concen: 20.148 ng

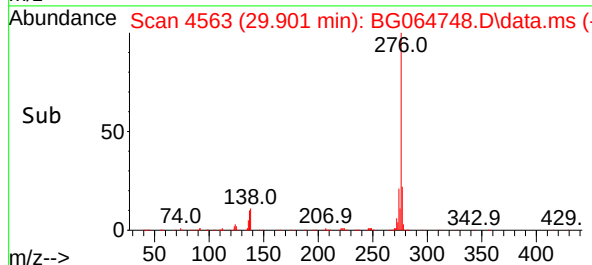
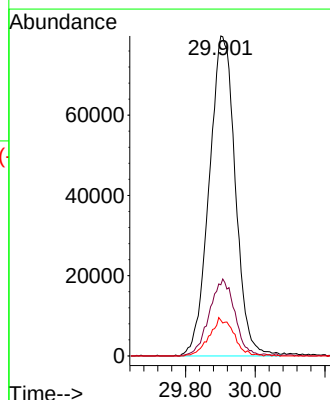
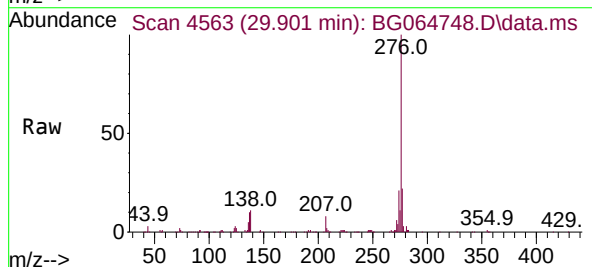
RT: 29.901 min Scan# 4563

Delta R.T. -0.023 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

Tgt Ion:276 Resp: 415387
Ion Ratio Lower Upper
276 100
277 22.2 18.0 27.0
138 11.1 8.2 12.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064749.D
 Acq On : 12 Nov 2025 14:00
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:57:11 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.167	152	29893	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	119709	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	96177	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	237407	20.000	ng	0.00
76) Chrysene-d12	21.757	240	329177	20.000	ng	0.00
86) Perylene-d12	25.024	264	372727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	139863	81.702	ng	0.00
7) Phenol-d6	7.309	99	188921	82.974	ng	0.00
23) Nitrobenzene-d5	9.331	82	198316	81.909	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	148361	79.094	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	546263	79.252	ng	0.00
79) Terphenyl-d14	20.094	244	1332639	79.636	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.531	88	27983	42.224	ng	100
3) Pyridine	3.943	79	81588	41.318	ng	100
4) n-Nitrosodimethylamine	3.849	42	41058	40.853	ng	100
6) Aniline	7.480	93	126088	41.546	ng	100
8) 2-Chlorophenol	7.727	128	77911	41.449	ng	100
9) Benzaldehyde	7.292	77	61503	41.265	ng	100
10) Phenol	7.339	94	102268	41.282	ng	100
11) bis(2-Chloroethyl)ether	7.574	93	73774	41.850	ng	100
12) 1,3-Dichlorobenzene	8.056	146	89183	41.233	ng	100
13) 1,4-Dichlorobenzene	8.202	146	89723	40.738	ng	100
14) 1,2-Dichlorobenzene	8.526	146	88214	41.308	ng	100
15) Benzyl Alcohol	8.396	79	78013	41.743	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.696	45	169410	40.601	ng	100
17) 2-Methylphenol	8.596	107	72805	41.535	ng	100
18) Hexachloroethane	9.266	117	33674	40.368	ng	100
19) n-Nitroso-di-n-propyla...	8.972	70	65561	42.586	ng	100
20) 3+4-Methylphenols	8.925	107	98567	41.047	ng	100
22) Acetophenone	8.990	105	134228	41.157	ng	100
24) Nitrobenzene	9.372	77	99239	40.566	ng	100
25) Isophorone	9.900	82	183548	39.810	ng	100
26) 2-Nitrophenol	10.083	139	46262	42.042	ng	100
27) 2,4-Dimethylphenol	10.136	122	79277	40.554	ng	100
28) bis(2-Chloroethoxy)met...	10.376	93	101634	40.152	ng	100
29) 2,4-Dichlorophenol	10.623	162	87203	41.549	ng	100
30) 1,2,4-Trichlorobenzene	10.846	180	101577	40.080	ng	100
31) Naphthalene	11.034	128	273246	40.266	ng	100
32) Benzoic acid	10.247	122	48881m	36.872	ng	
33) 4-Chloroaniline	11.128	127	112885	41.584	ng	100
34) Hexachlorobutadiene	11.322	225	87713	40.337	ng	100
35) Caprolactam	11.886	113	24687	39.361	ng	100
36) 4-Chloro-3-methylphenol	12.233	107	93305	39.942	ng	100
37) 2-Methylnaphthalene	12.627	142	202114	39.800	ng	100
38) 1-Methylnaphthalene	12.844	142	199683	39.585	ng	100
40) 1,2,4,5-Tetrachloroben...	12.991	216	150333	40.165	ng	100
41) Hexachlorocyclopentadiene	12.973	237	107795	40.179	ng	100
43) 2,4,6-Trichlorophenol	13.220	196	89524	40.752	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064749.D
 Acq On : 12 Nov 2025 14:00
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:57:11 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	100121	40.636	ng	100
46) 1,1'-Biphenyl	13.620	154	274766	39.776	ng	100
47) 2-Chloronaphthalene	13.661	162	215361	39.573	ng	100
48) 2-Nitroaniline	13.849	65	71445	40.816	ng	100
49) Acenaphthylene	14.501	152	371193	39.925	ng	100
50) Dimethylphthalate	14.219	163	297932	39.215	ng	100
51) 2,6-Dinitrotoluene	14.336	165	58753	40.189	ng	100
52) Acenaphthene	14.842	154	224207	40.220	ng	100
53) 3-Nitroaniline	14.666	138	58858	40.792	ng	100
54) 2,4-Dinitrophenol	14.871	184	32531	37.583	ng	100
55) Dibenzofuran	15.171	168	359176	38.973	ng	100
56) 4-Nitrophenol	14.959	139	46427	40.555	ng	100
57) 2,4-Dinitrotoluene	15.118	165	88959	40.589	ng	100
58) Fluorene	15.817	166	282884	39.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.388	232	96448	39.675	ng	100
60) Diethylphthalate	15.576	149	287069	39.444	ng	100
61) 4-Chlorophenyl-phenyle...	15.805	204	169253	39.017	ng	100
62) 4-Nitroaniline	15.817	138	61547	41.175	ng	100
63) Azobenzene	16.093	77	237589	39.248	ng	100
65) 4,6-Dinitro-2-methylph...	15.876	198	55489	42.097	ng	100
66) n-Nitrosodiphenylamine	16.011	169	255647	41.111	ng	100
67) 4-Bromophenyl-phenylether	16.693	248	127918	41.030	ng	100
68) Hexachlorobenzene	16.816	284	151827	40.195	ng	100
69) Atrazine	16.951	200	120184	40.086	ng	100
70) Pentachlorophenol	17.157	266	76096	37.572	ng	100
71) Phenanthrene	17.550	178	521873	40.177	ng	100
72) Anthracene	17.638	178	528364	39.892	ng	100
73) Carbazole	17.897	167	460859	40.475	ng	100
74) Di-n-butylphthalate	18.449	149	511236	40.245	ng	100
75) Fluoranthene	19.542	202	709557	39.948	ng	100
77) Benzidine	19.707	184	369544	37.485	ng	100
78) Pyrene	19.901	202	731495	39.650	ng	100
80) Butylbenzylphthalate	20.770	149	257466	39.676	ng	100
81) Benzo(a)anthracene	21.740	228	907919	40.563	ng	100
82) 3,3'-Dichlorobenzidine	21.646	252	340049	41.276	ng	100
83) Chrysene	21.804	228	861680	40.834	ng	100
84) Bis(2-ethylhexyl)phtha...	21.640	149	384010	40.497	ng	100
85) Di-n-octyl phthalate	22.868	149	683175	41.680	ng	100
87) Indeno(1,2,3-cd)pyrene	28.749	276	1043099	40.734	ng	100
88) Benzo(b)fluoranthene	23.984	252	962053	40.559	ng	100
89) Benzo(k)fluoranthene	24.049	252	931152	39.075	ng	100
90) Benzo(a)pyrene	24.865	252	887984	40.357	ng	100
91) Dibenzo(a,h)anthracene	28.820	278	858362	40.917	ng	100
92) Benzo(g,h,i)perylene	29.924	276	823658	40.796	ng	100

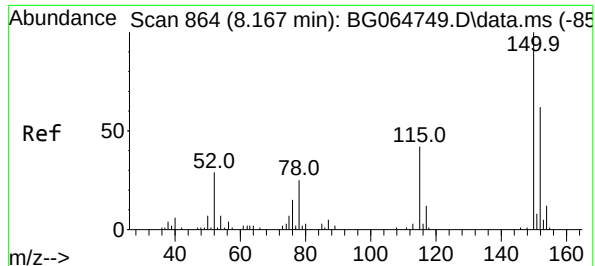
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations

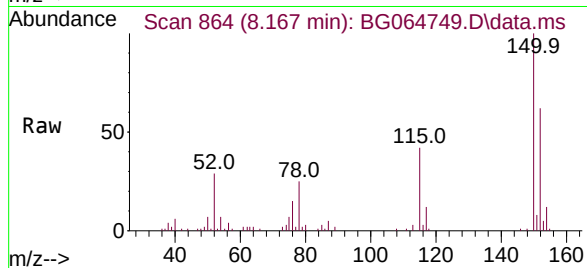
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.167 min Scan# 864
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

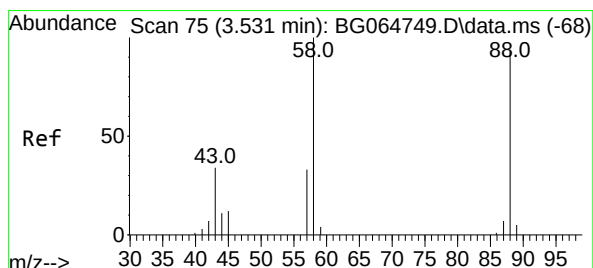
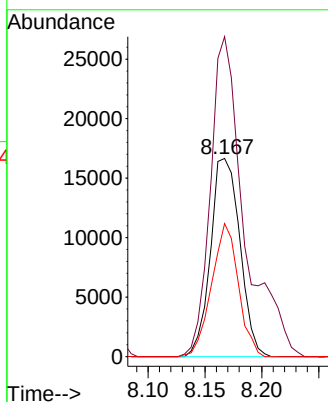
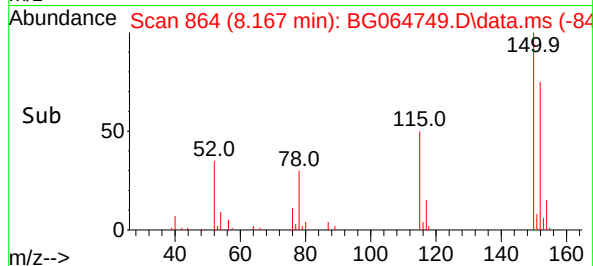
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 29893
Ion Ratio Lower Upper
152 100
150 161.5 129.2 193.8
115 67.1 53.7 80.5

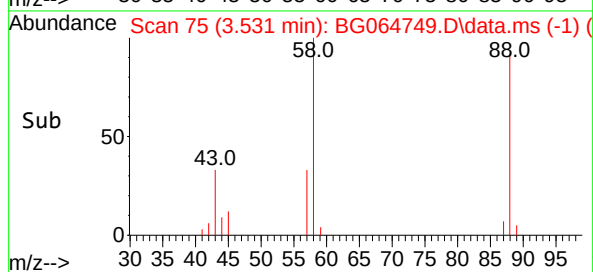
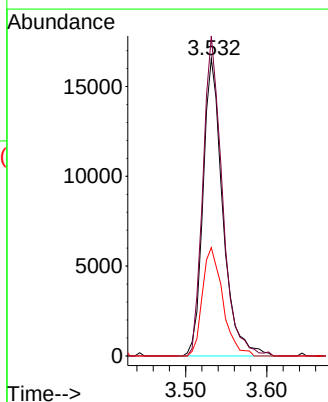
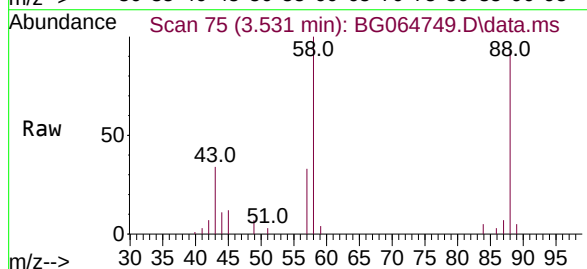
Manual Integrations
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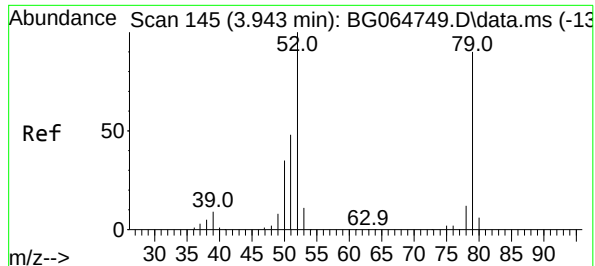
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 42.224 ng
RT: 3.531 min Scan# 75
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 88 Resp: 27983
Ion Ratio Lower Upper
88 100
58 105.7 84.6 126.8
43 37.5 30.0 45.0





#3

Pyridine

Concen: 41.318 ng

RT: 3.943 min Scan# 145

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

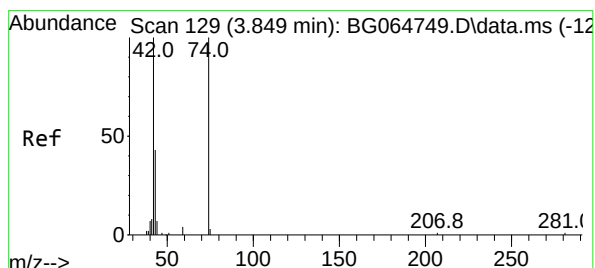
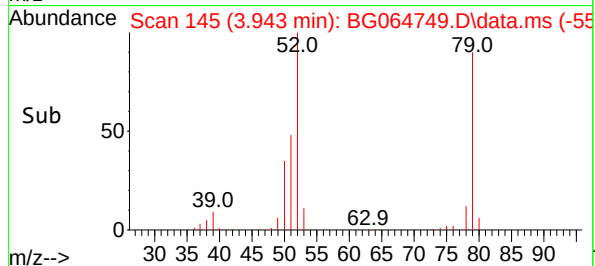
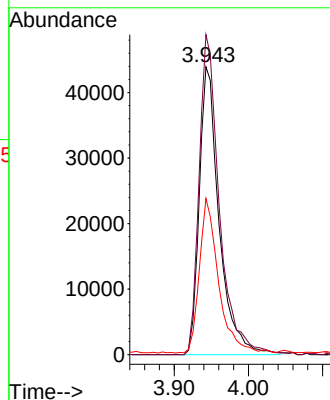
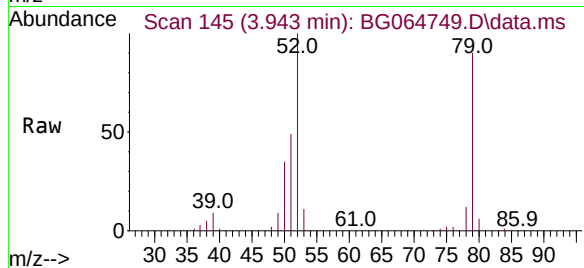
ClientSampleId :

SSTDICCC040

Tgt Ion:	79	Resp:	81588
Ion	Ratio	Lower	Upper
79	100		
52	111.2	89.0	133.4
51	54.2	43.4	65.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4

n-Nitrosodimethylamine

Concen: 40.853 ng

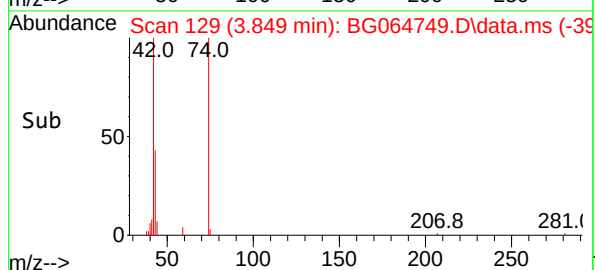
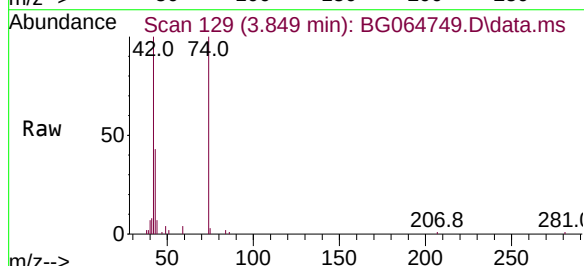
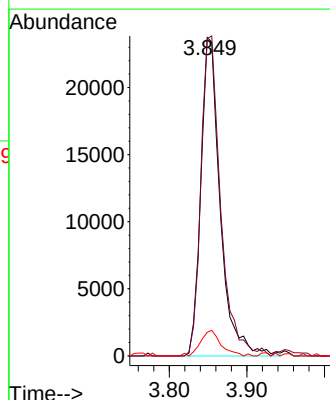
RT: 3.849 min Scan# 129

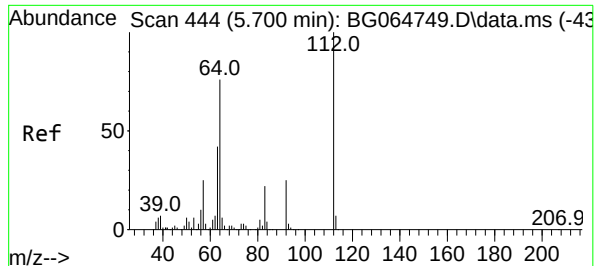
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Tgt Ion:	42	Resp:	41058
Ion	Ratio	Lower	Upper
42	100		
74	99.7	79.8	119.6
44	7.4	5.9	8.9





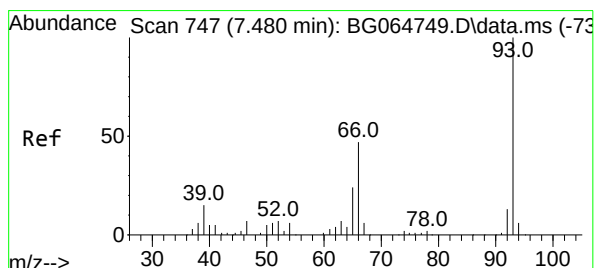
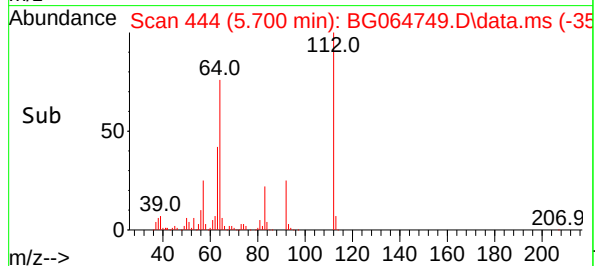
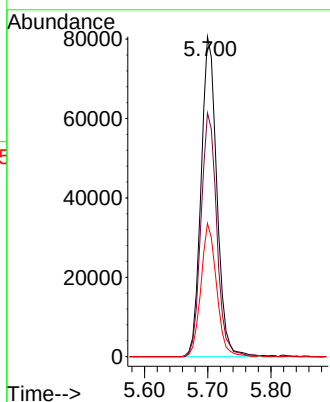
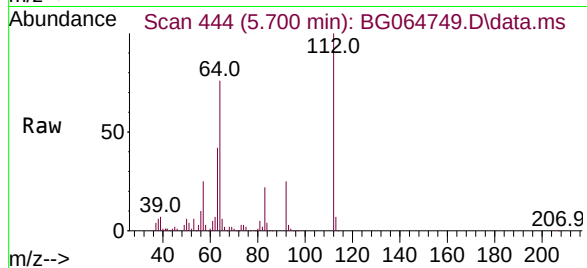
#5
2-Fluorophenol
Concen: 81.702 ng
RT: 5.700 min Scan# 444
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 139863
Ion Ratio Lower Upper
112 100
64 76.2 61.0 91.4
63 41.6 33.3 49.9

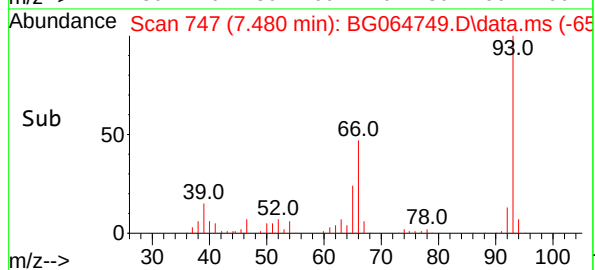
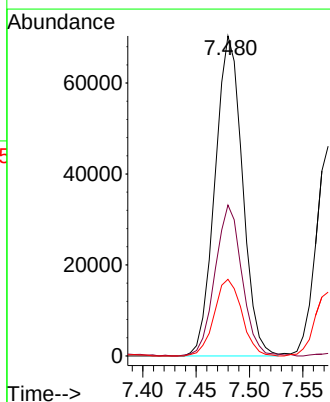
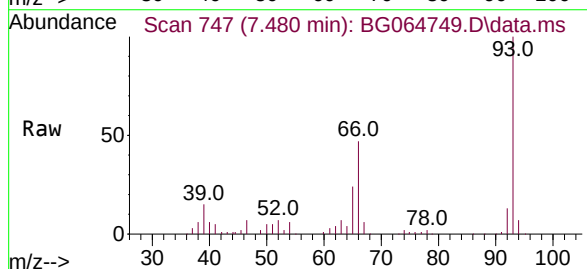
Manual Integrations
APPROVED

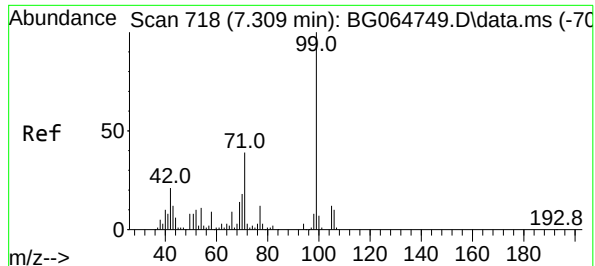
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 41.546 ng
RT: 7.480 min Scan# 747
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

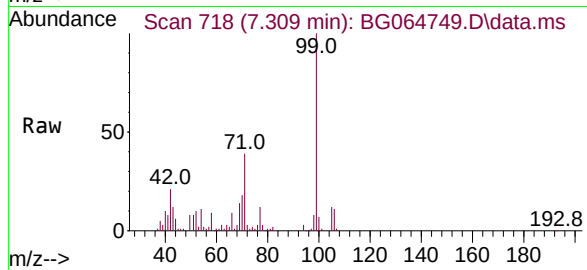
Tgt Ion: 93 Resp: 126088
Ion Ratio Lower Upper
93 100
66 47.1 37.7 56.5
65 23.9 19.1 28.7





#7
Phenol-d6
Concen: 82.974 ng
RT: 7.309 min Scan# 718
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

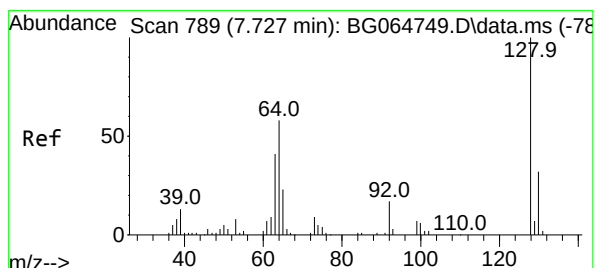
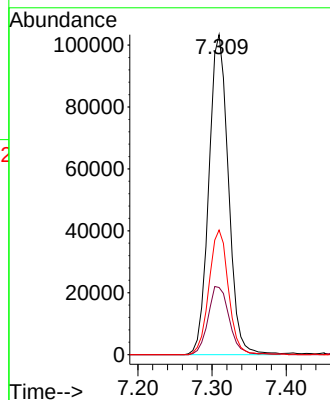
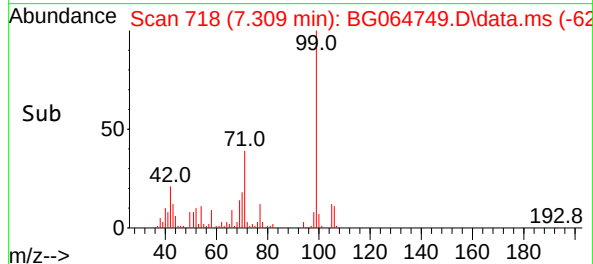
Instrument :
BNA_G
Client Sample Id :
SSTDICCC040



Tgt Ion: 99 Resp: 18892
Ion Ratio Lower Upper
99 100
42 21.0 16.8 25.2
71 38.9 31.1 46.7

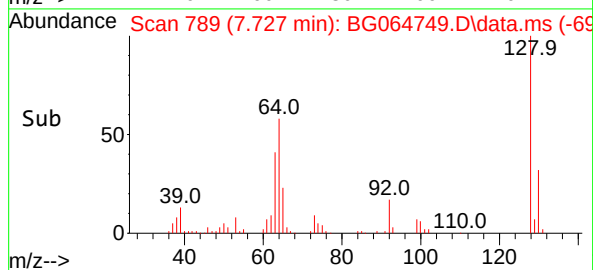
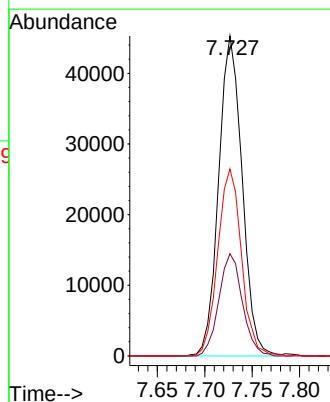
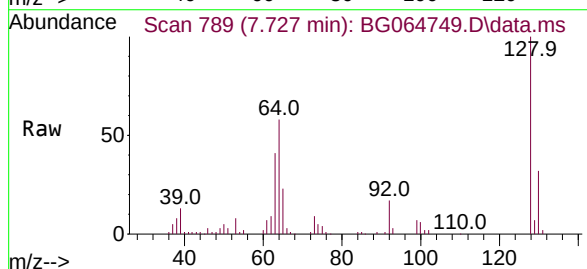
Manual Integrations
APPROVED

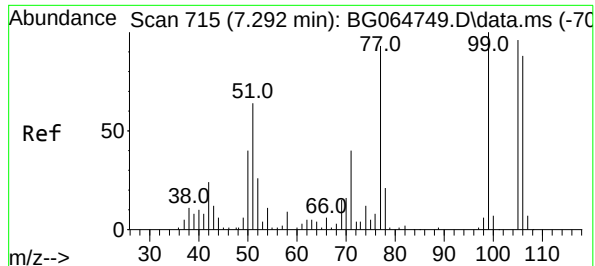
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#8
2-Chlorophenol
Concen: 41.449 ng
RT: 7.727 min Scan# 789
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:128 Resp: 77911
Ion Ratio Lower Upper
128 100
130 31.9 11.9 51.9
64 58.4 38.4 78.4





#9

Benzaldehyde

Concen: 41.265 ng

RT: 7.292 min Scan# 715

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

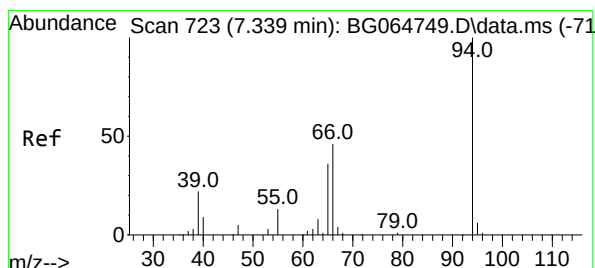
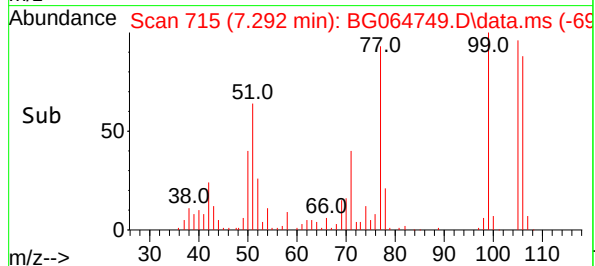
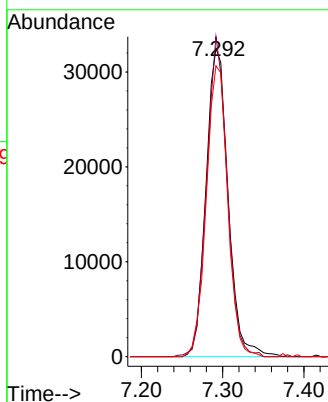
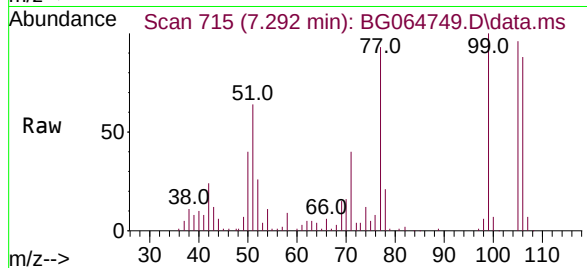
ClientSampleId :

SSTDICCC040

Tgt Ion:	77	Resp:	61503
Ion	Ratio	Lower	Upper
77	100		
105	103.8	83.8	123.8
106	94.3	74.3	114.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 41.282 ng

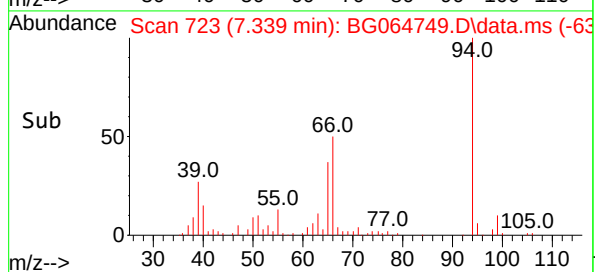
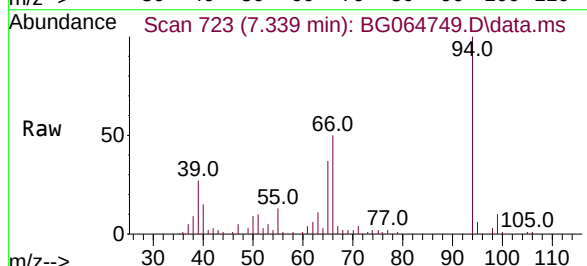
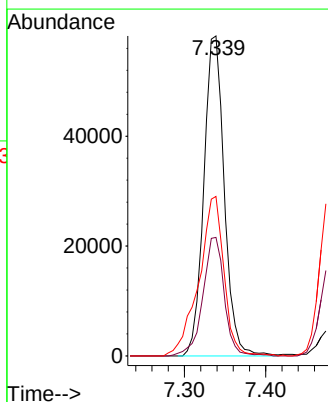
RT: 7.339 min Scan# 723

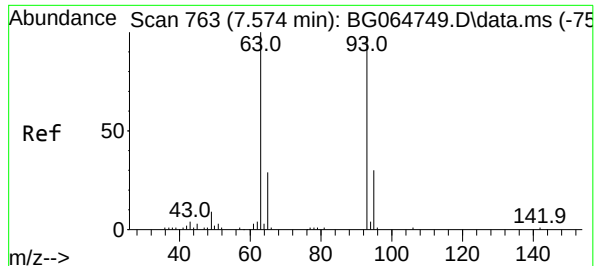
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Tgt Ion:	94	Resp:	102268
Ion	Ratio	Lower	Upper
94	100		
65	37.0	17.0	57.0
66	49.8	29.8	69.8





#11

bis(2-Chloroethyl)ether

Concen: 41.850 ng

RT: 7.574 min Scan# 763

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

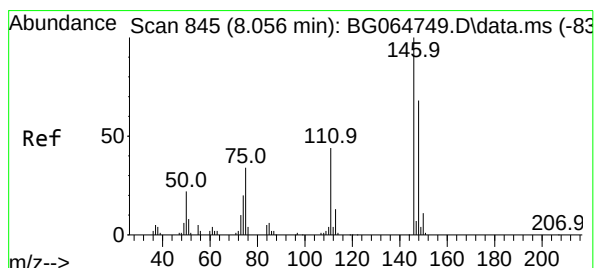
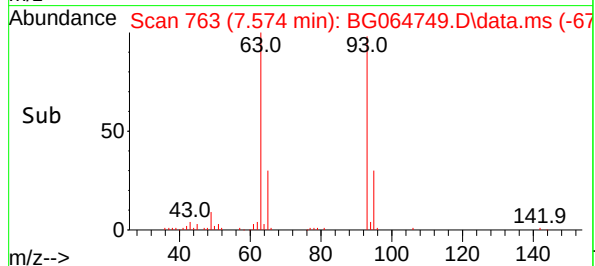
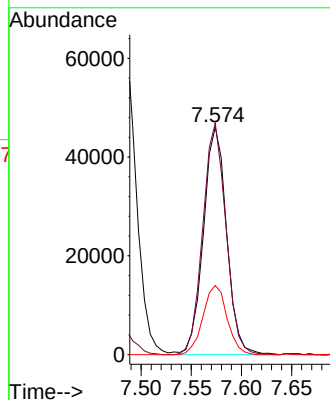
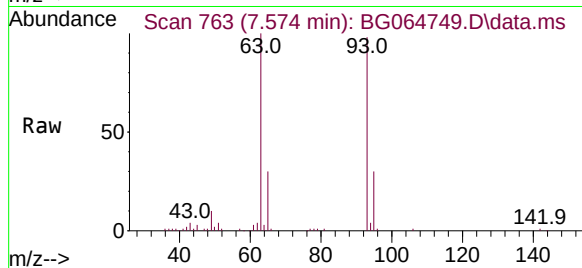
ClientSampleId :

SSTDICCC040

Tgt Ion:	93	Resp:	73774
Ion	Ratio	Lower	Upper
93	100		
63	101.8	81.8	121.8
95	30.3	10.3	50.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 41.233 ng

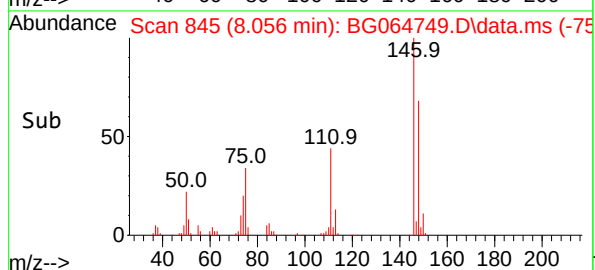
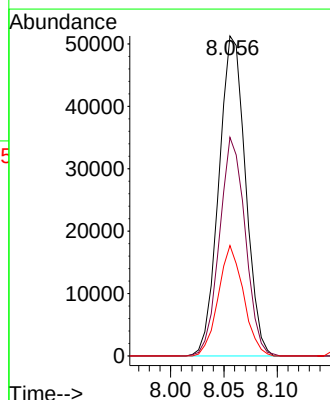
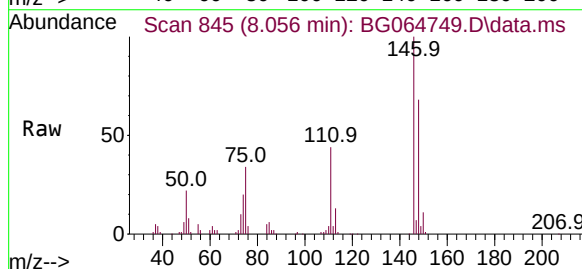
RT: 8.056 min Scan# 845

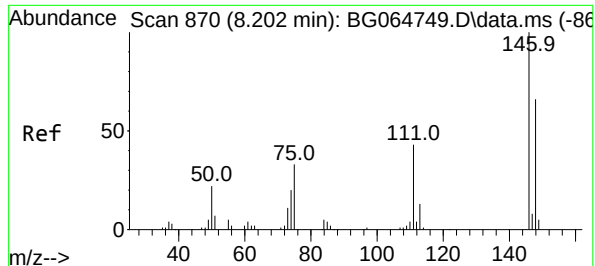
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Tgt Ion:	146	Resp:	89183
Ion	Ratio	Lower	Upper
146	100		
148	68.3	54.6	82.0
75	34.5	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 40.738 ng

RT: 8.202 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 89723

Ion Ratio Lower Upper

146 100

148 66.4 53.1 79.7

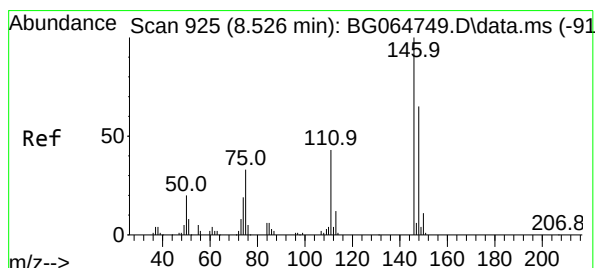
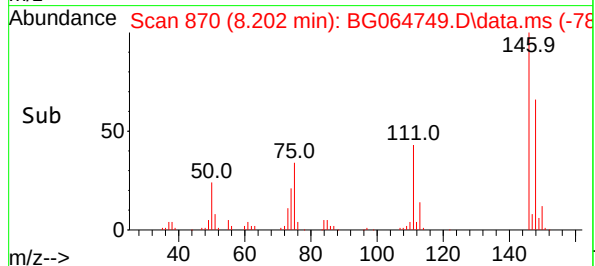
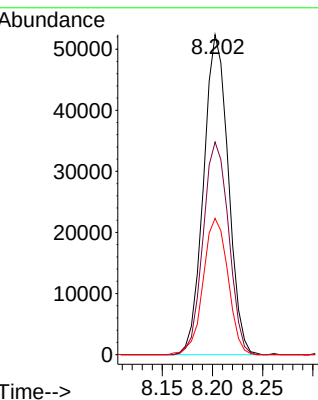
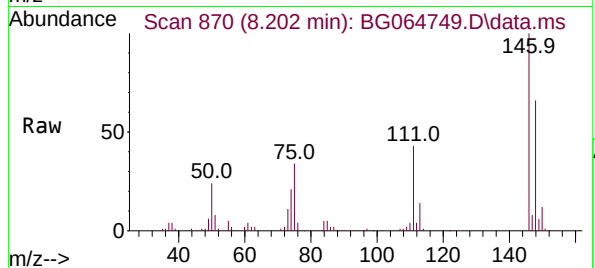
111 42.6 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 41.308 ng

RT: 8.526 min Scan# 925

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

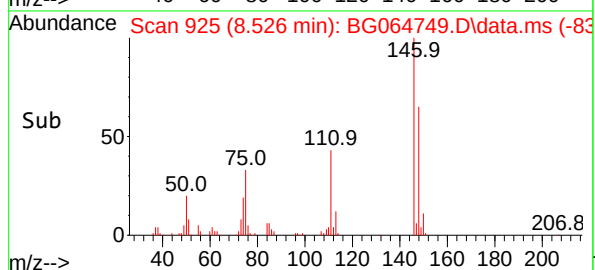
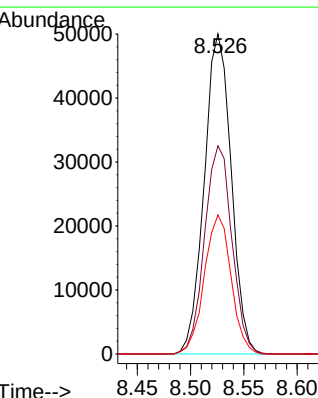
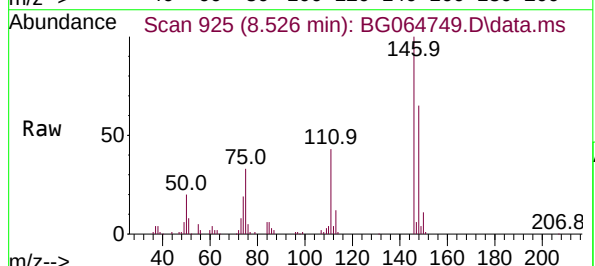
Tgt Ion:146 Resp: 88214

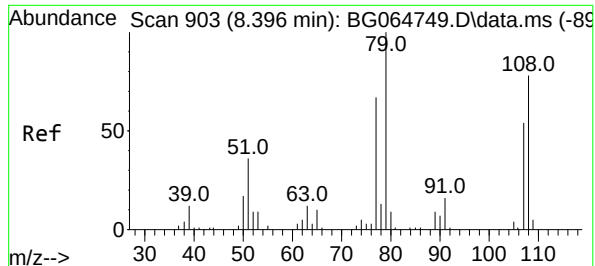
Ion Ratio Lower Upper

146 100

148 65.0 52.0 78.0

111 43.4 34.7 52.1





#15

Benzyl Alcohol

Concen: 41.743 ng

RT: 8.396 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

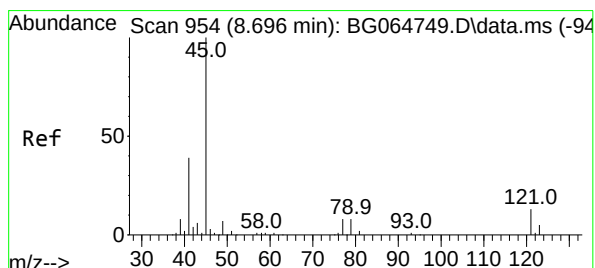
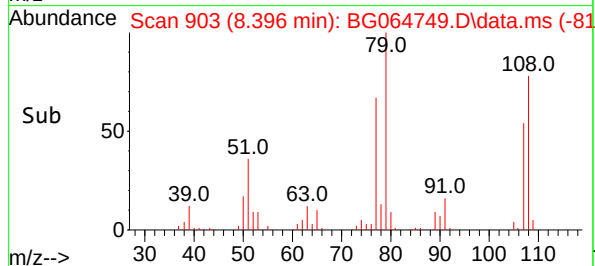
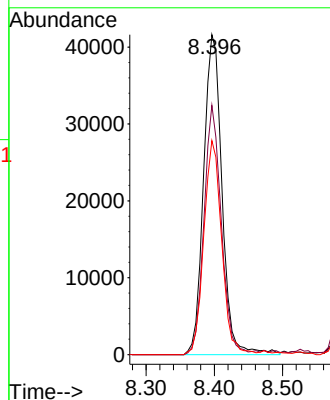
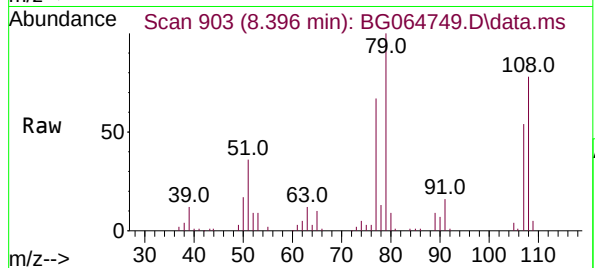
ClientSampleId :

SSTDICCC040

Tgt Ion:	79	Resp:	78013
Ion	Ratio	Lower	Upper
79	100		
108	77.9	62.3	93.5
77	66.9	53.5	80.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.601 ng

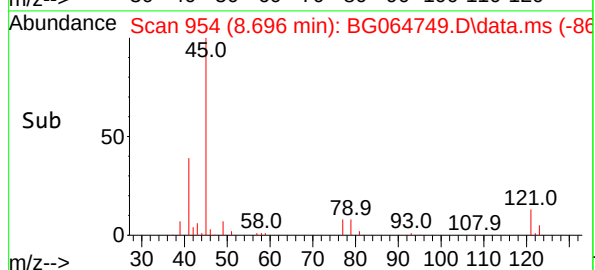
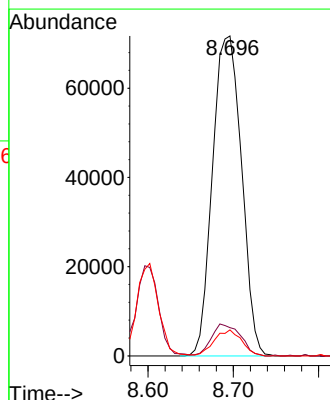
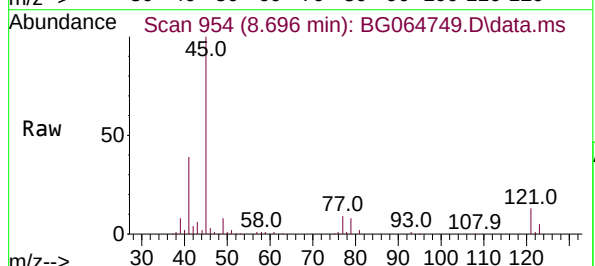
RT: 8.696 min Scan# 954

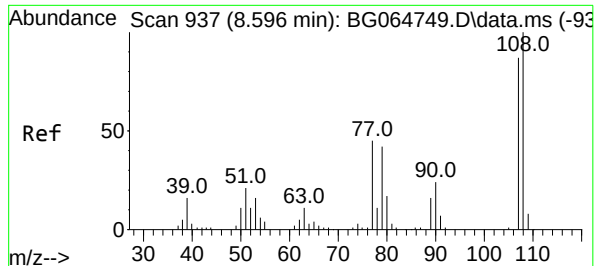
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Tgt Ion:	45	Resp:	169410
Ion	Ratio	Lower	Upper
45	100		
77	8.8	0.0	28.8
79	8.1	0.0	28.1





#17

2-Methylphenol

Concen: 41.535 ng

RT: 8.596 min Scan# 937

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 72805

Ion Ratio Lower Upper

107 100

108 115.7 92.6 138.8

77 51.5 41.2 61.8

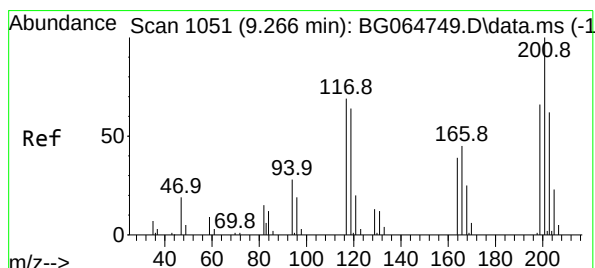
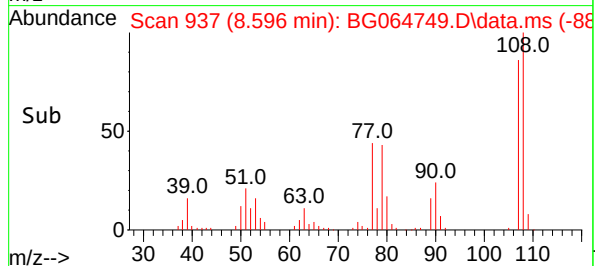
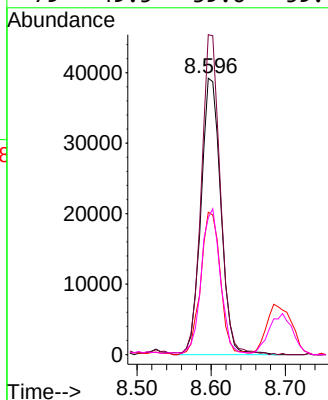
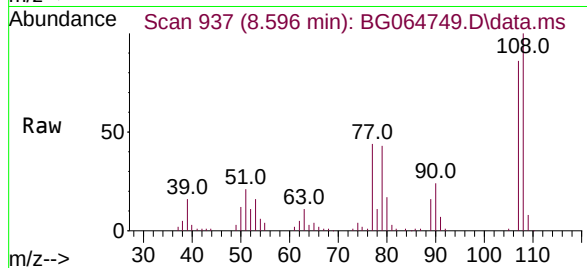
79 49.5 39.6 59.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 40.368 ng

RT: 9.266 min Scan# 1051

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

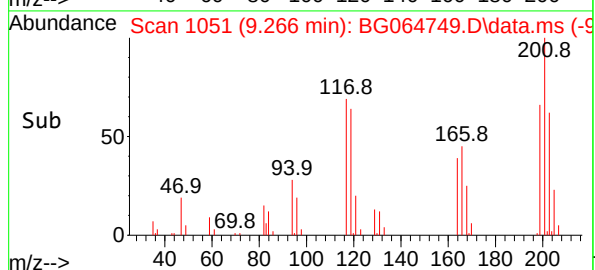
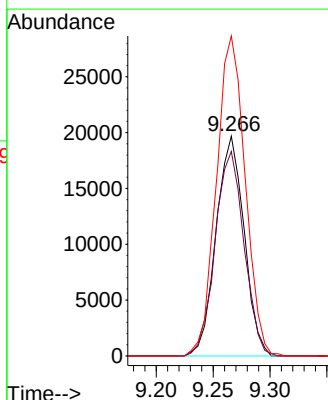
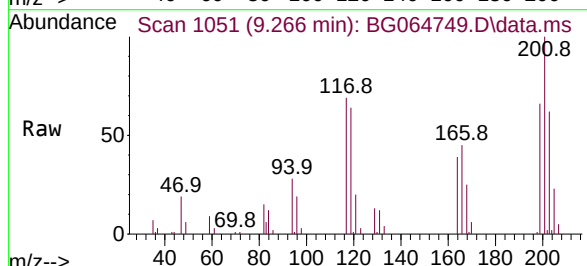
Tgt Ion:117 Resp: 33674

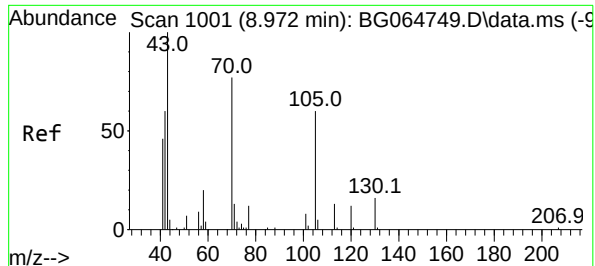
Ion Ratio Lower Upper

117 100

119 93.0 74.4 111.6

201 145.6 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.586 ng

RT: 8.972 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 6556

Ion Ratio Lower Upper

70 100

42 78.2 62.6 93.8

101 10.0 8.0 12.0

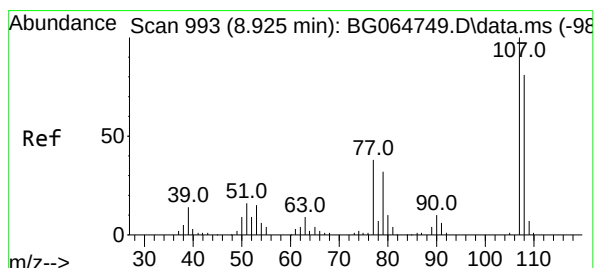
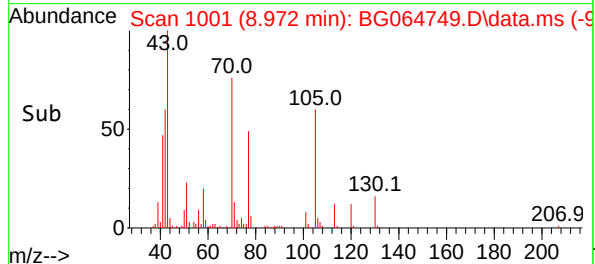
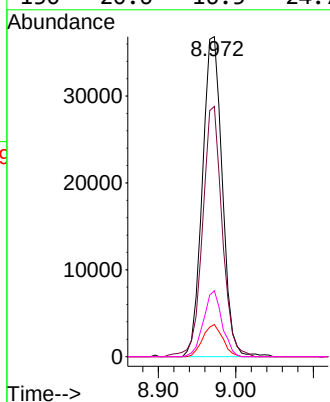
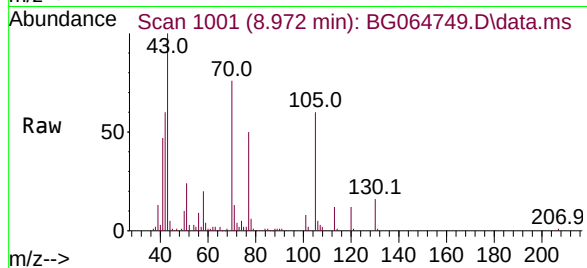
130 20.6 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 41.047 ng

RT: 8.925 min Scan# 993

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Tgt Ion:107 Resp: 98567

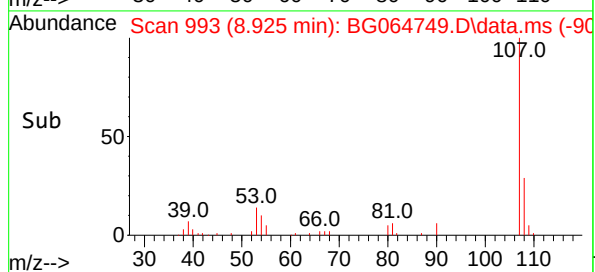
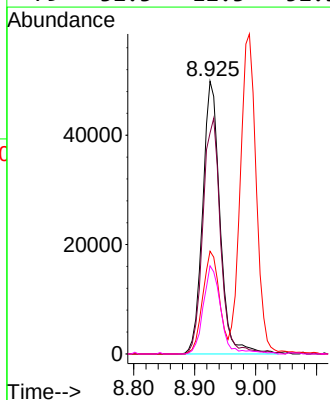
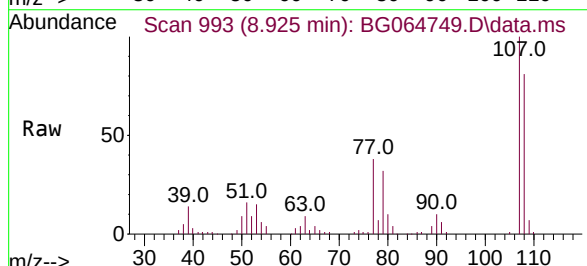
Ion Ratio Lower Upper

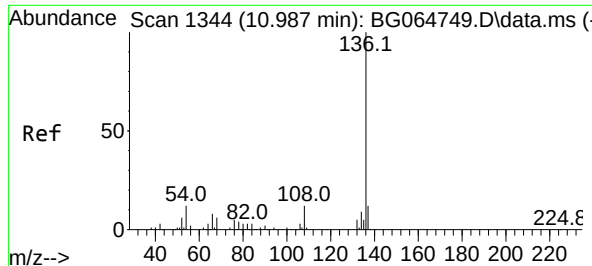
107 100

108 81.0 61.0 101.0

77 37.6 17.6 57.6

79 32.3 12.3 52.3





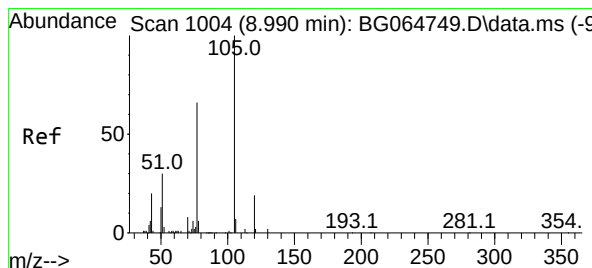
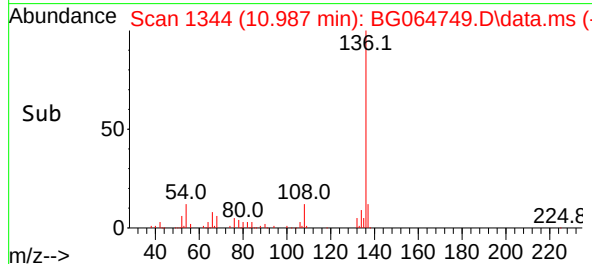
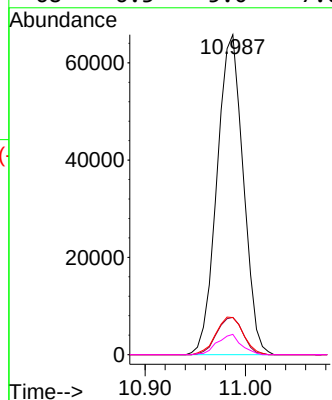
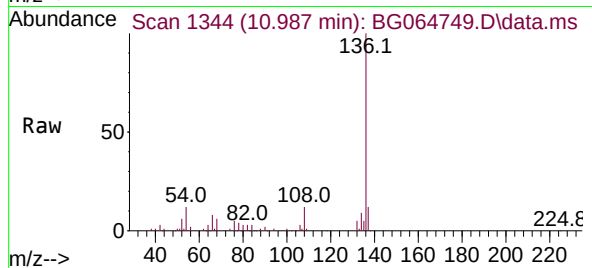
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 119709
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 11.6 9.3 13.9
68 6.3 5.0 7.6

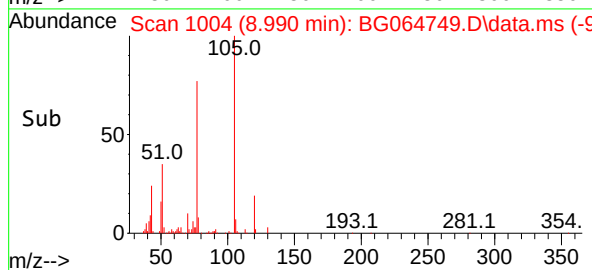
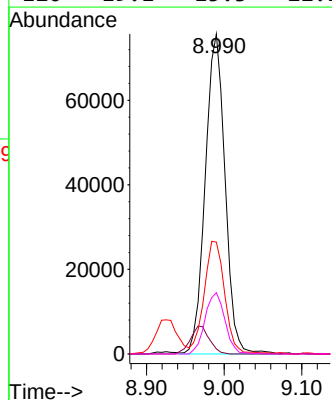
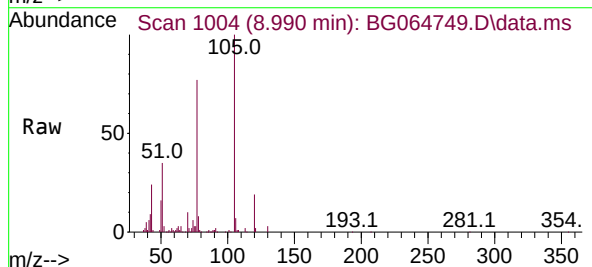
Manual Integrations
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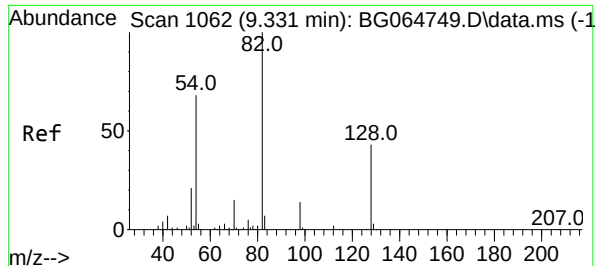
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 41.157 ng
RT: 8.990 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:105 Resp: 134228
Ion Ratio Lower Upper
105 100
71 1.6 1.3 1.9
51 34.9 27.9 41.9
120 19.1 15.3 22.9





#23

Nitrobenzene-d5

Concen: 81.909 ng

RT: 9.331 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 198316

Ion Ratio Lower Upper

82 100

128 42.6 34.1 51.1

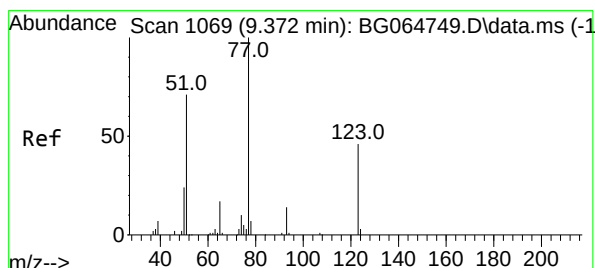
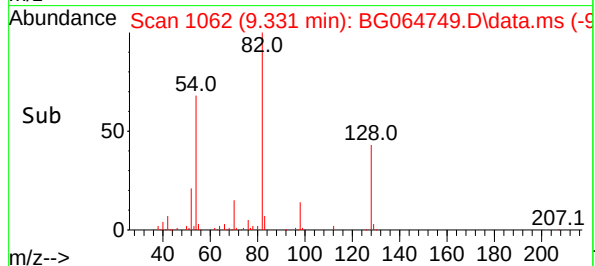
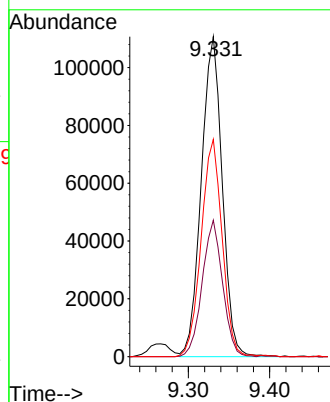
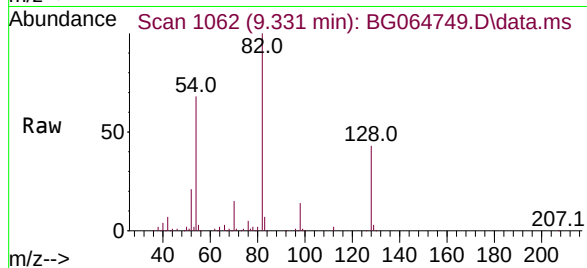
54 67.9 54.3 81.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 40.566 ng

RT: 9.372 min Scan# 1069

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

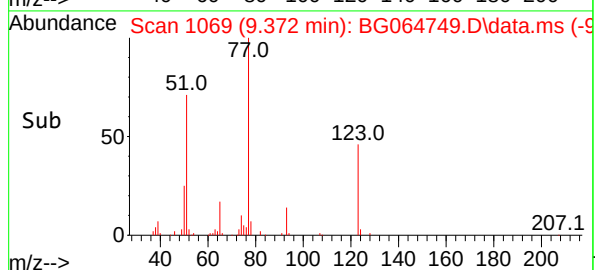
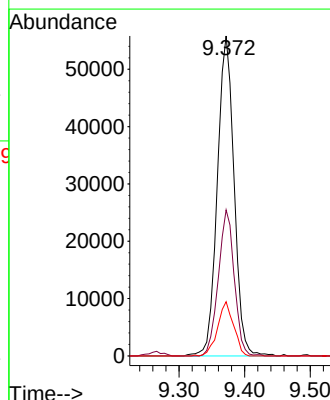
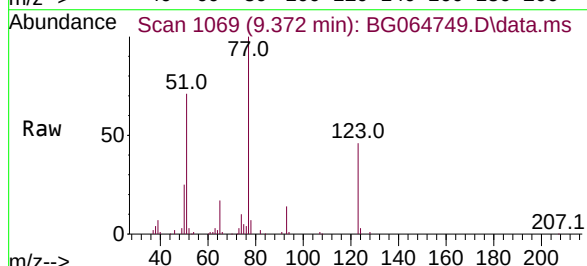
Tgt Ion: 77 Resp: 99239

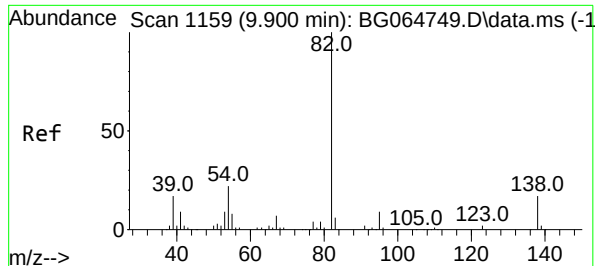
Ion Ratio Lower Upper

77 100

123 45.6 36.5 54.7

65 16.9 13.5 20.3





#25

Isophorone

Concen: 39.810 ng

RT: 9.900 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

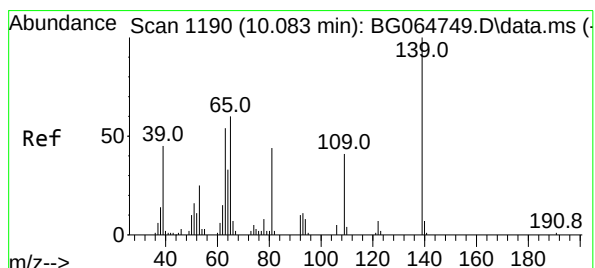
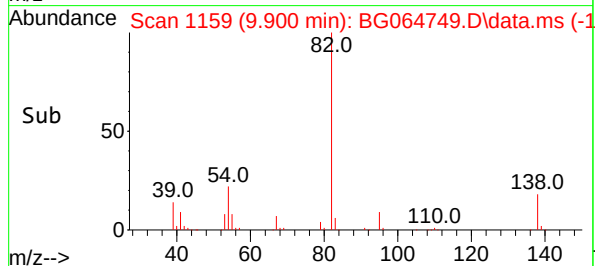
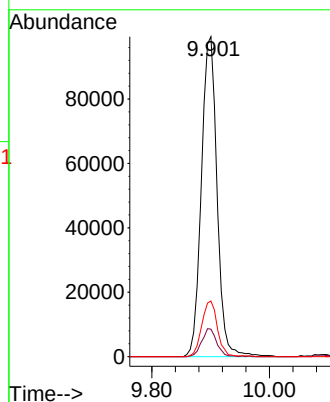
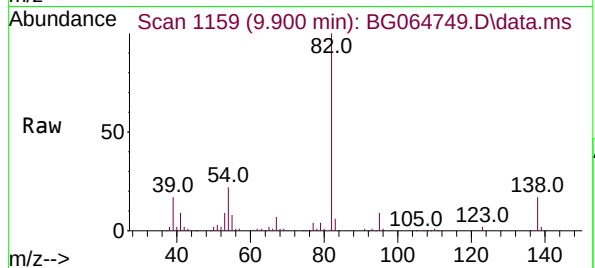
ClientSampleId :

SSTDICCC040

Tgt Ion:	82	Resp:	183548
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.9	10.3
138	17.4	13.9	20.9

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26

2-Nitrophenol

Concen: 42.042 ng

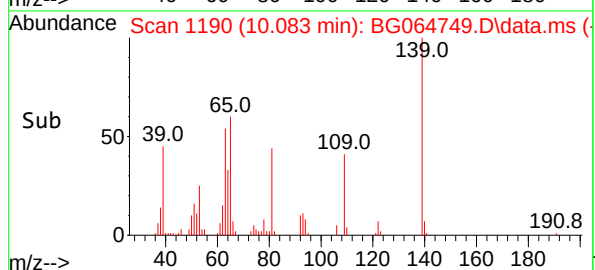
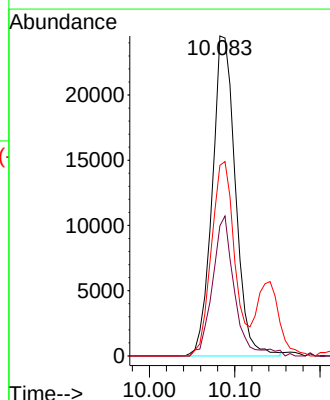
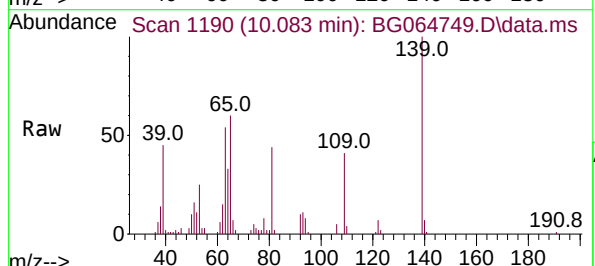
RT: 10.083 min Scan# 1190

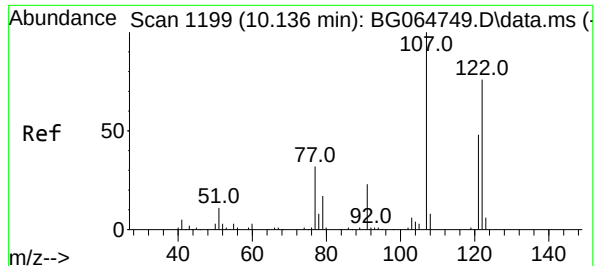
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Tgt Ion:	139	Resp:	46262
Ion Ratio	Lower	Upper	
139	100		
109	40.6	32.5	48.7
65	59.5	47.6	71.4





#27

2,4-Dimethylphenol

Concen: 40.554 ng

RT: 10.136 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

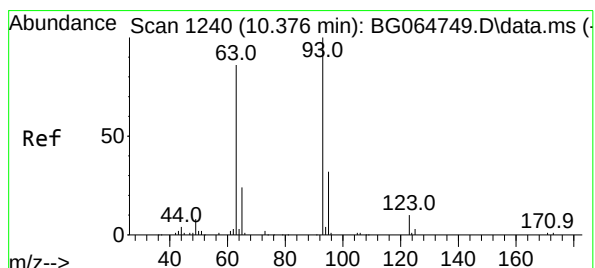
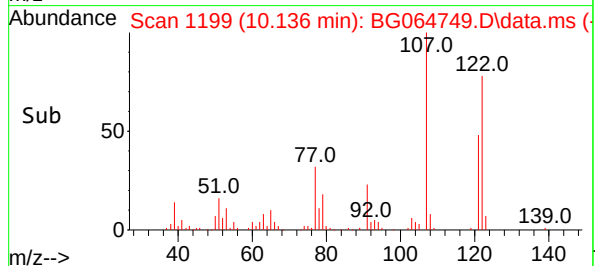
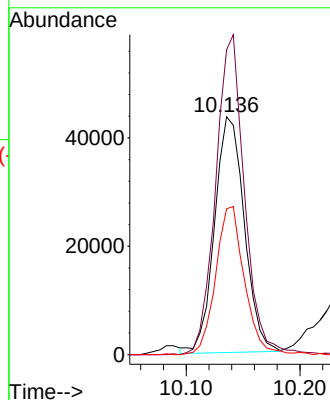
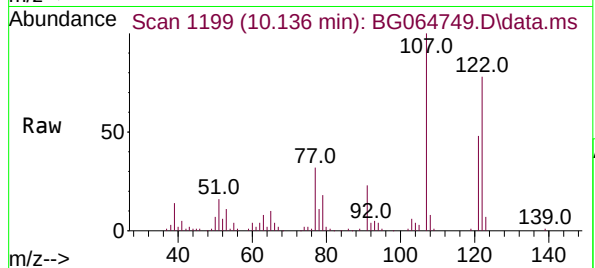
ClientSampleId :

SSTDICCC040

Tgt Ion:	122	Resp:	7927
Ion Ratio	Lower	Upper	
122	100		
107	128.1	102.5	153.7
121	61.3	49.0	73.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.152 ng

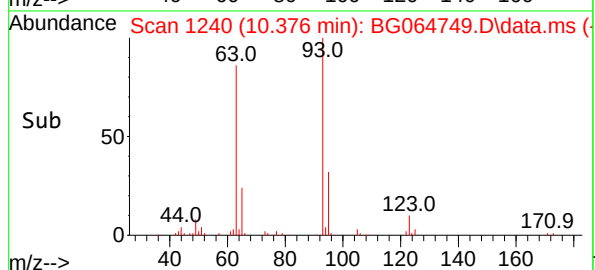
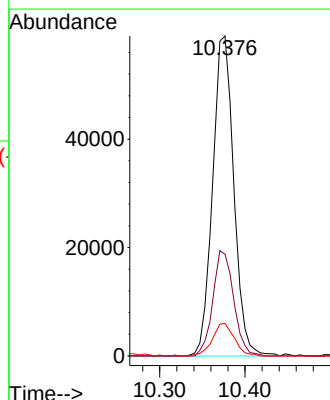
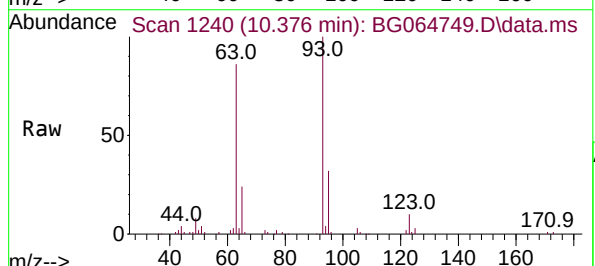
RT: 10.376 min Scan# 1240

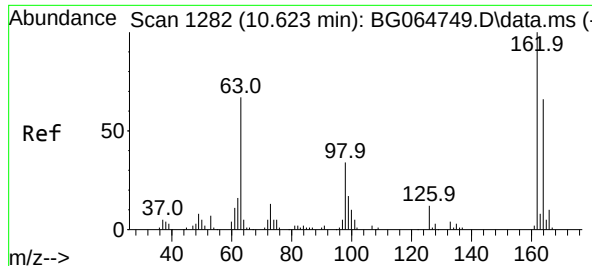
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Tgt Ion:	93	Resp:	101634
Ion Ratio	Lower	Upper	
93	100		
95	31.8	25.4	38.2
123	10.1	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 41.549 ng

RT: 10.623 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BG064749.D

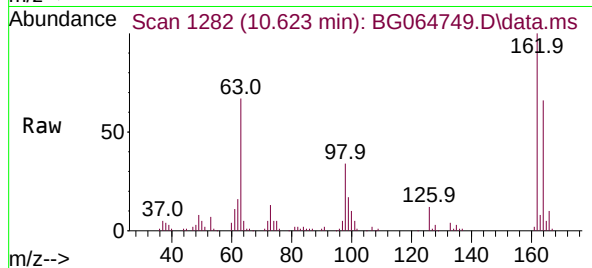
Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

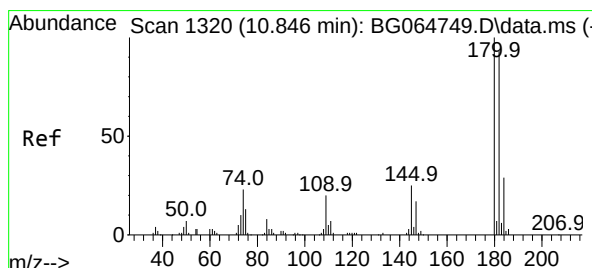
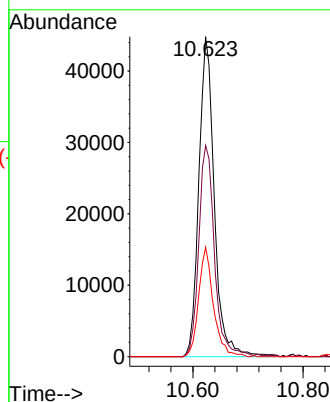
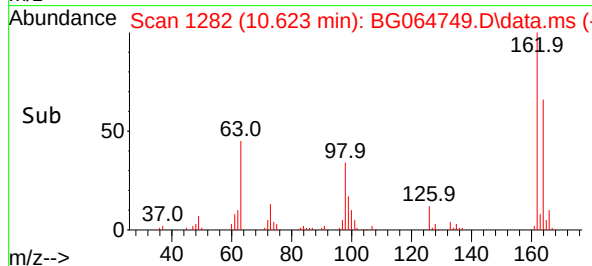


Tgt Ion:	162	Resp:	87203
Ion Ratio	Lower	Upper	
162	100		
164	66.0	46.0	86.0
98	34.2	14.2	54.2

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

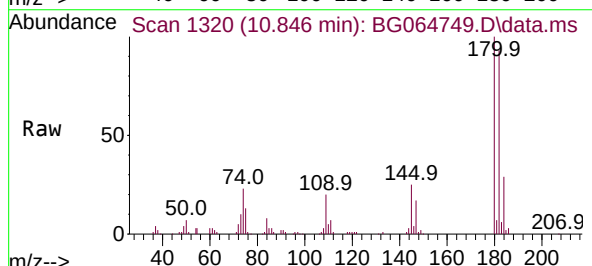
Concen: 40.080 ng

RT: 10.846 min Scan# 1320

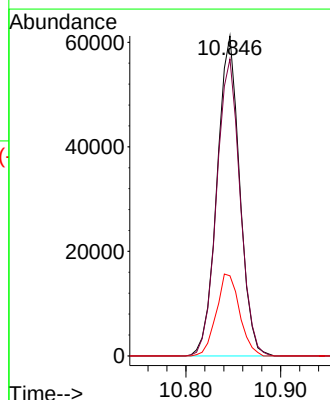
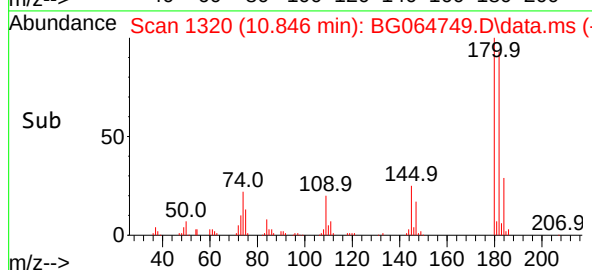
Delta R.T. 0.000 min

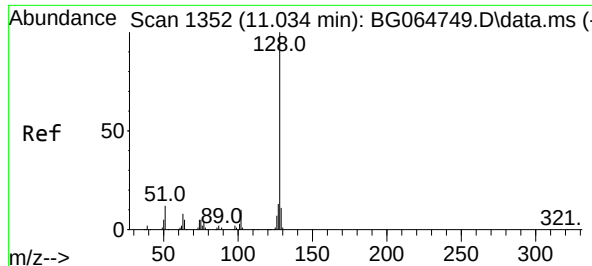
Lab File: BG064749.D

Acq: 12 Nov 2025 14:00



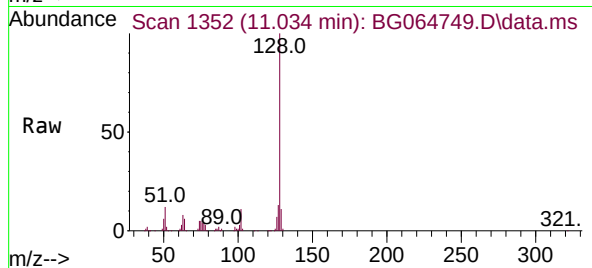
Tgt Ion:	180	Resp:	101577
Ion Ratio	Lower	Upper	
180	100		
182	92.8	74.2	111.4
145	25.0	20.0	30.0





#31
Naphthalene
Concen: 40.266 ng
RT: 11.034 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

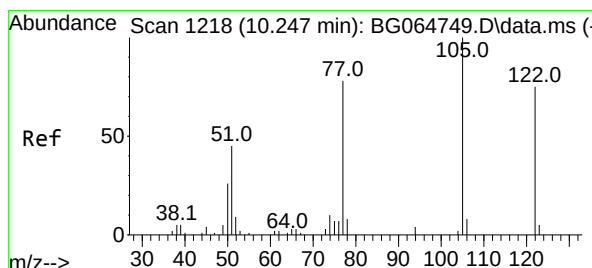
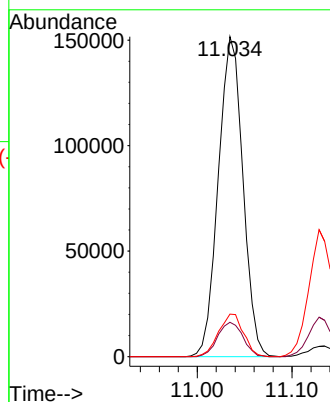
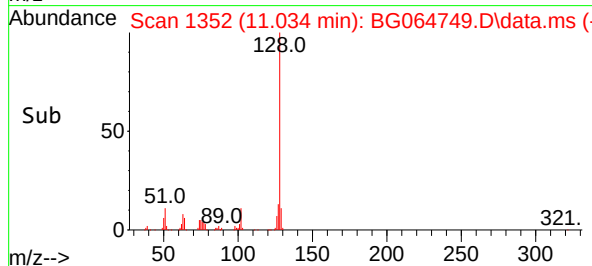
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



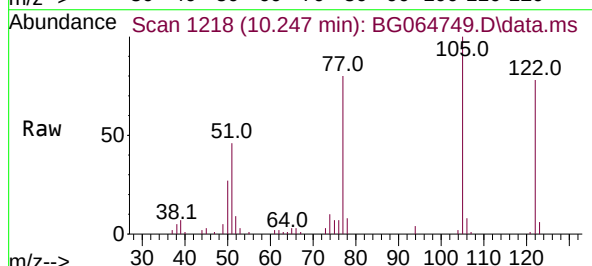
Tgt Ion:128 Resp: 273246
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.3 10.6 16.0

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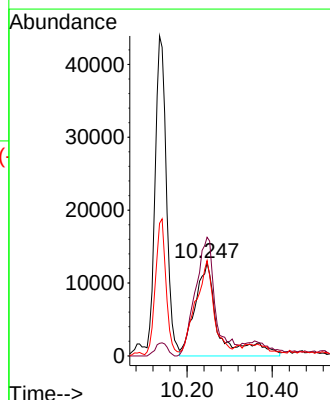
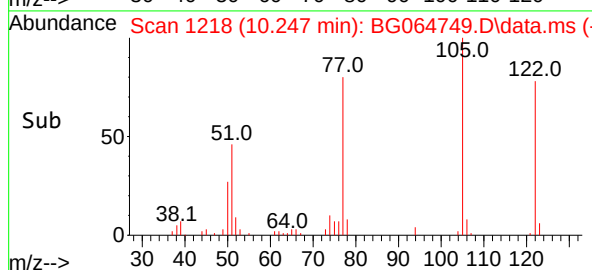
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

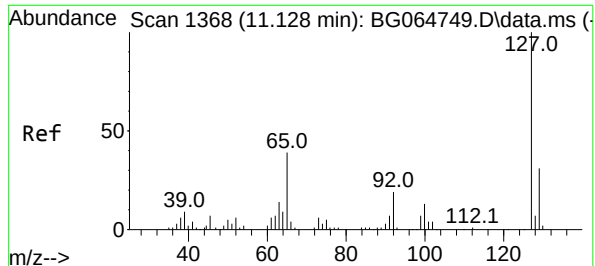


#32
Benzoic acid
Concen: 36.872 ng m
RT: 10.247 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



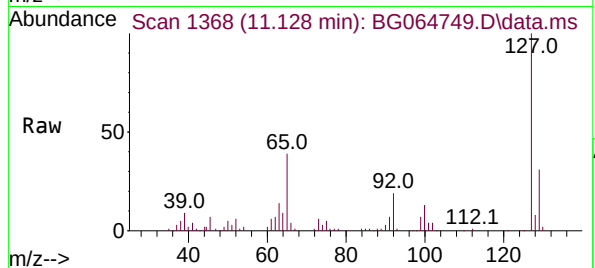
Tgt Ion:122 Resp: 48881
Ion Ratio Lower Upper
122 100
105 127.6 107.6 147.6
77 102.5 82.5 122.5





#33
4-Chloroaniline
Concen: 41.584 ng
RT: 11.128 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

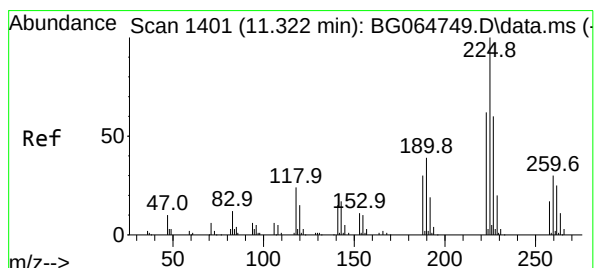
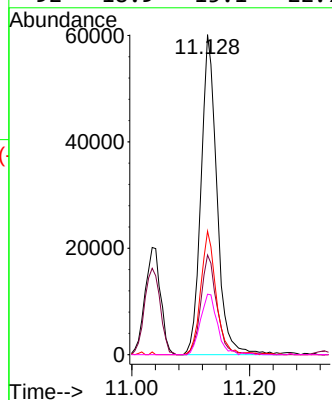
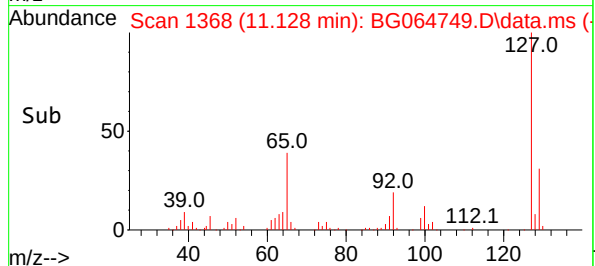
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 112885
Ion Ratio Lower Upper
127 100
129 31.1 24.9 37.3
65 38.6 30.9 46.3
92 18.9 15.1 22.7

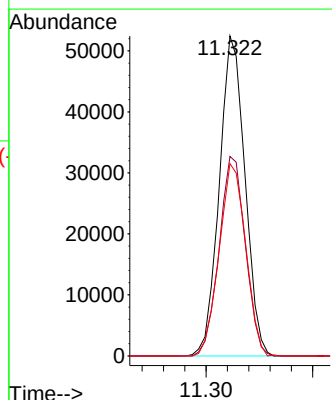
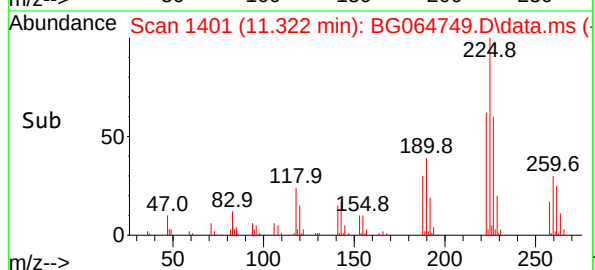
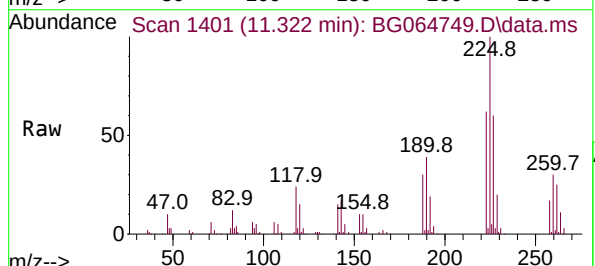
Manual Integrations
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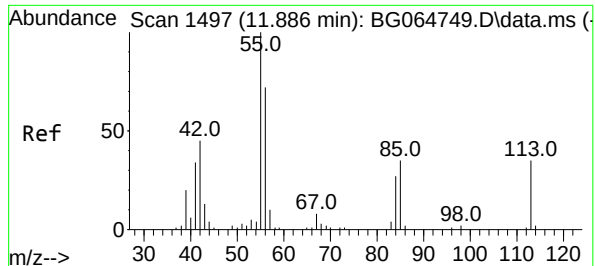
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#34
Hexachlorobutadiene
Concen: 40.337 ng
RT: 11.322 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:225 Resp: 87713
Ion Ratio Lower Upper
225 100
223 62.4 49.9 74.9
227 63.2 50.6 75.8





#35

Caprolactam

Concen: 39.361 ng

RT: 11.886 min Scan# 1497

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:113 Resp: 2468

Ion Ratio Lower Upper

113 100

55 283.7 263.7 303.7

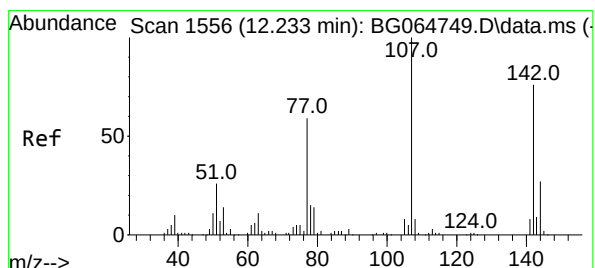
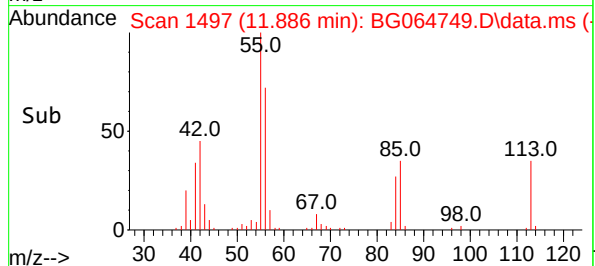
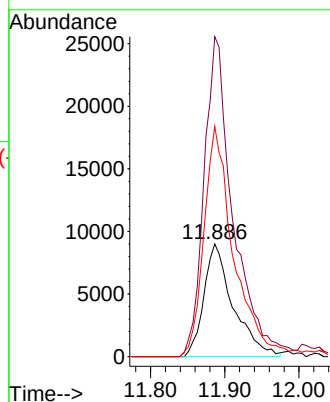
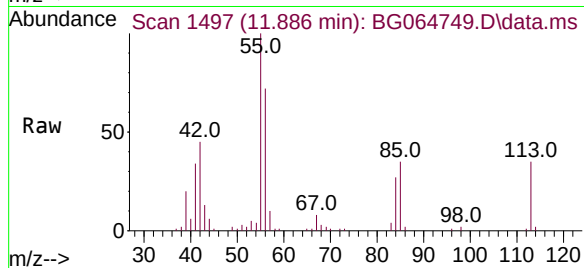
56 204.0 184.0 224.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 39.942 ng

RT: 12.233 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

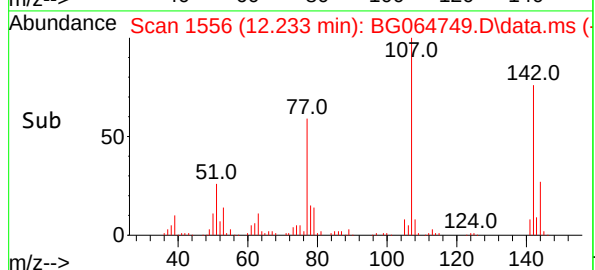
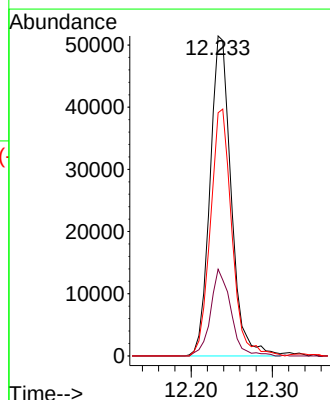
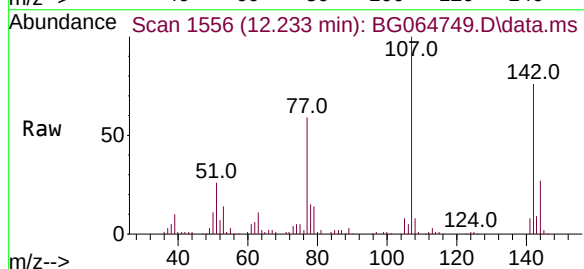
Tgt Ion:107 Resp: 93305

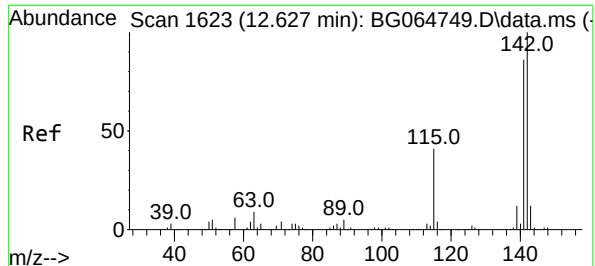
Ion Ratio Lower Upper

107 100

144 27.1 21.7 32.5

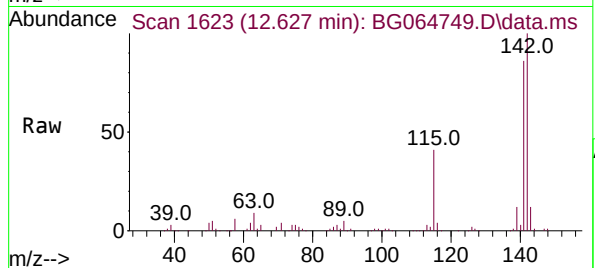
142 76.0 60.8 91.2





#37
2-Methylnaphthalene
Concen: 39.800 ng
RT: 12.627 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

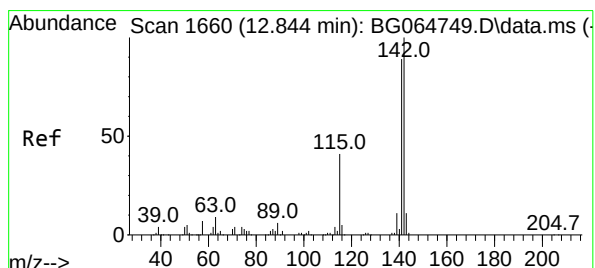
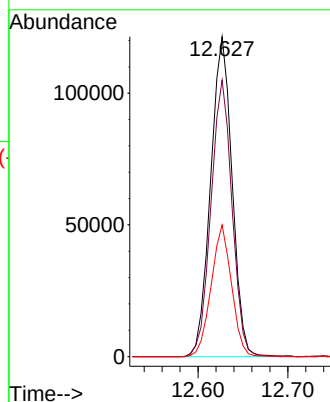
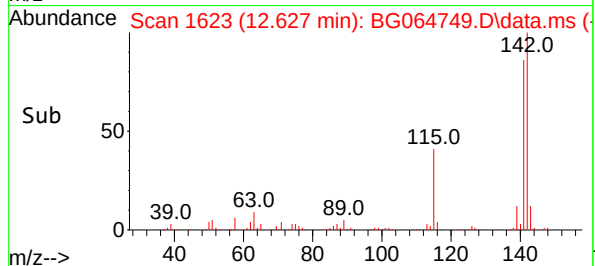
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



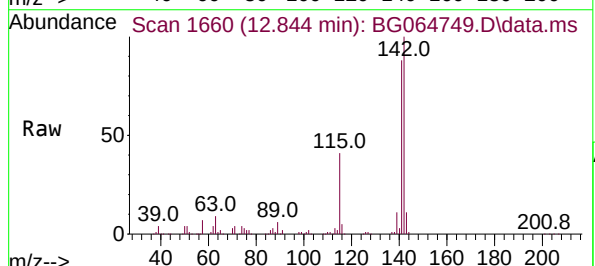
Tgt Ion:142 Resp: 202114
Ion Ratio Lower Upper
142 100
141 86.4 69.1 103.7
115 41.1 32.9 49.3

Manual Integrations
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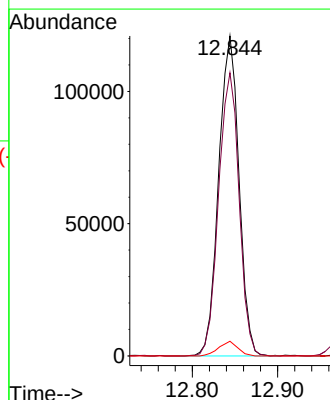
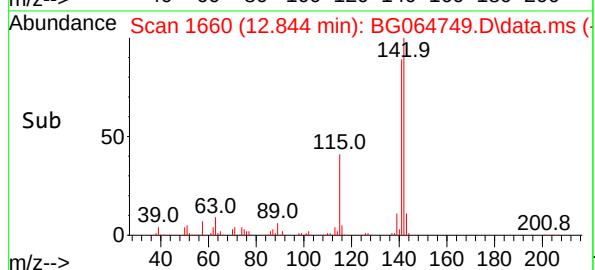
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

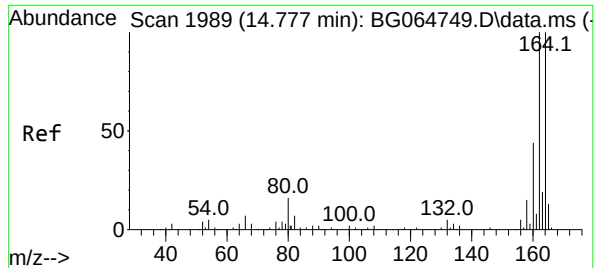


#38
1-Methylnaphthalene
Concen: 39.585 ng
RT: 12.844 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



Tgt Ion:142 Resp: 199683
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.777 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

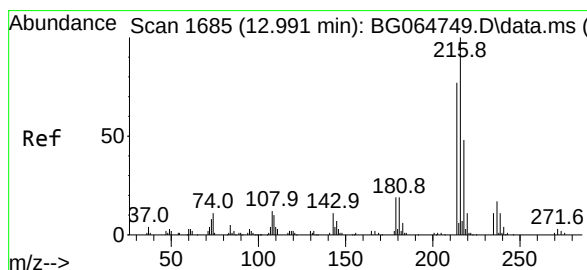
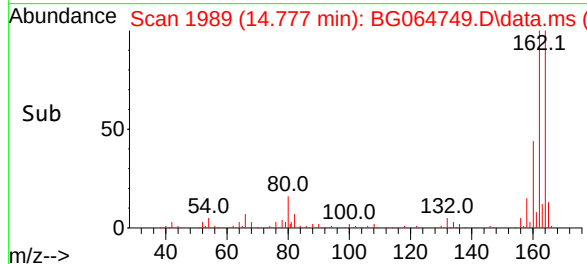
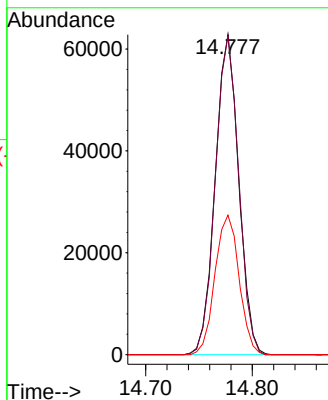
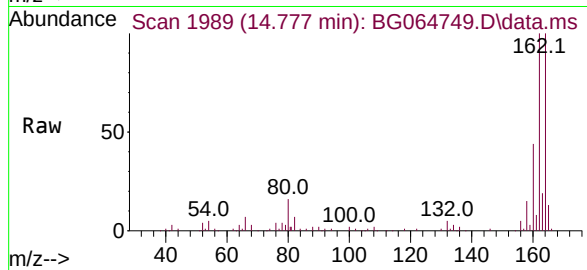
ClientSampleId :

SSTDICCC040

Tgt Ion:164	Resp:	96177
Ion Ratio	Lower	Upper
164	100	
162	99.7	79.8 119.6
160	43.6	34.9 52.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.165 ng

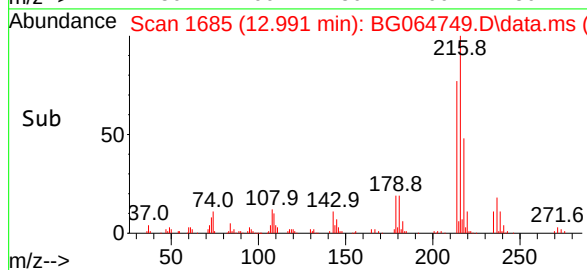
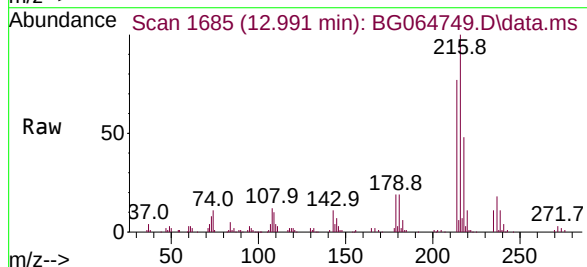
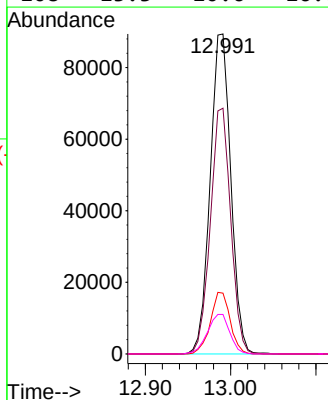
RT: 12.991 min Scan# 1685

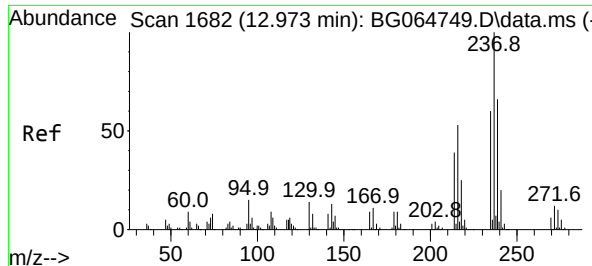
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

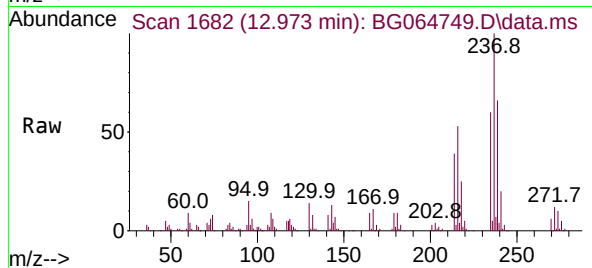
Tgt Ion:216	Resp:	150333
Ion Ratio	Lower	Upper
216	100	
214	75.6	60.5 90.7
179	18.4	14.7 22.1
108	13.3	10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 40.179 ng
RT: 12.973 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

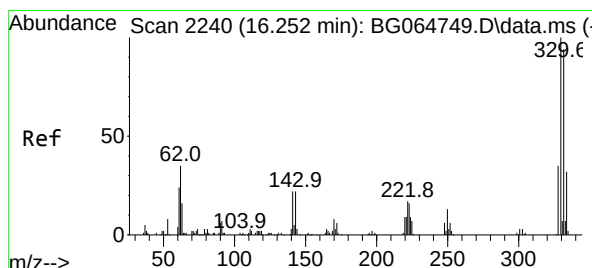
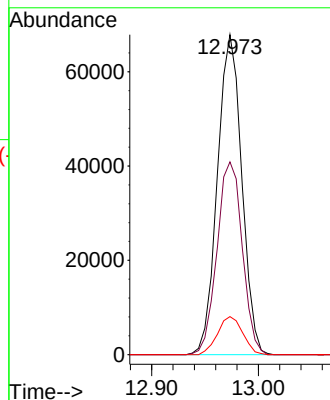
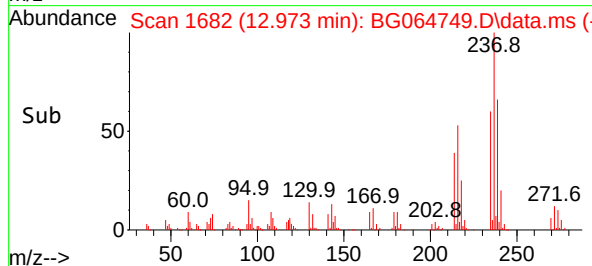
Instrument :
BNA_G
Client Sample Id :
SSTDICCC040



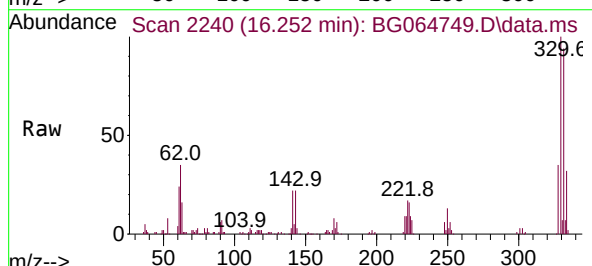
Tgt Ion: 237 Resp: 107795
Ion Ratio Lower Upper
237 100
235 60.2 40.2 80.2
272 11.9 0.0 31.9

Manual Integrations
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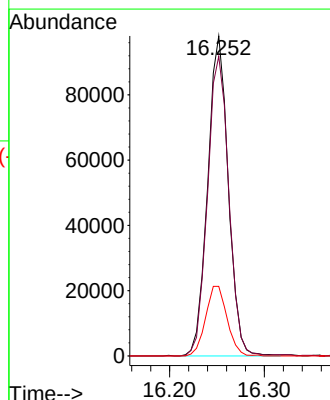
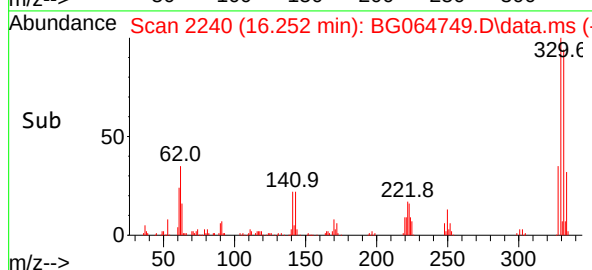
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025

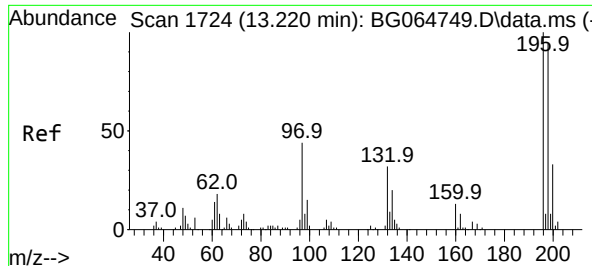


#42
2,4,6-Tribromophenol
Concen: 79.094 ng
RT: 16.252 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



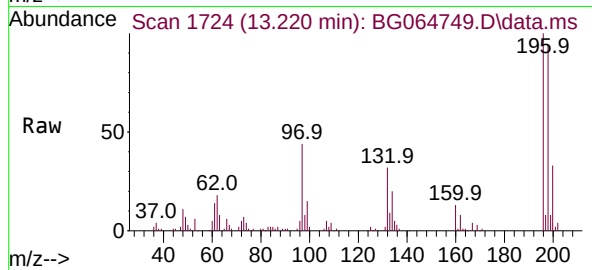
Tgt Ion: 330 Resp: 148361
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 22.7 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 40.752 ng
RT: 13.220 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

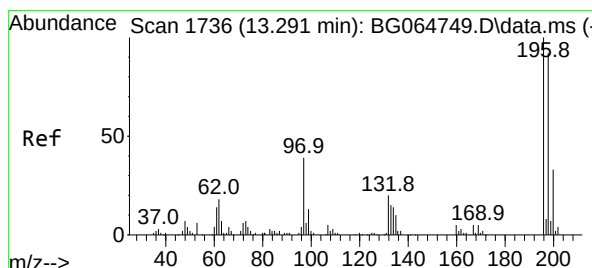
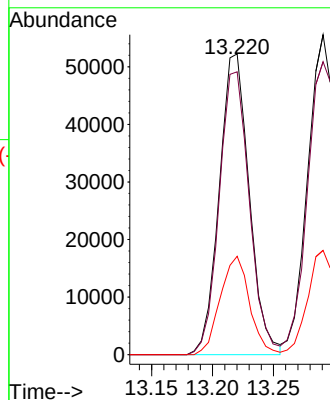
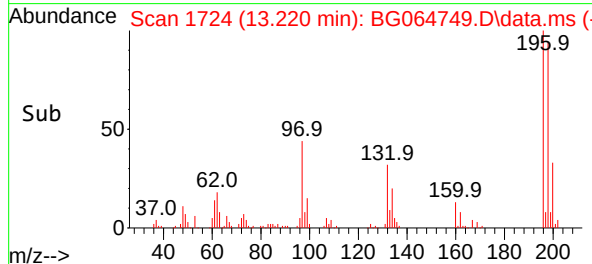
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:196 Resp: 89524
Ion Ratio Lower Upper
196 100
198 94.1 75.3 112.9
200 32.7 26.2 39.2

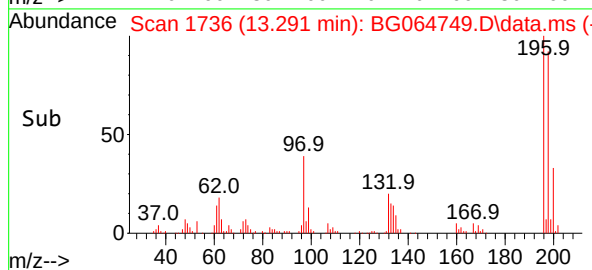
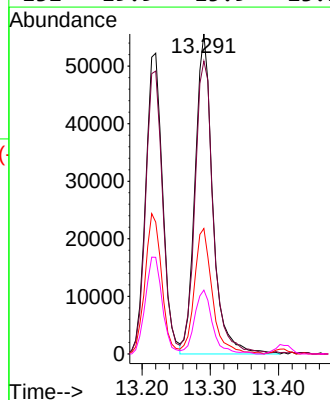
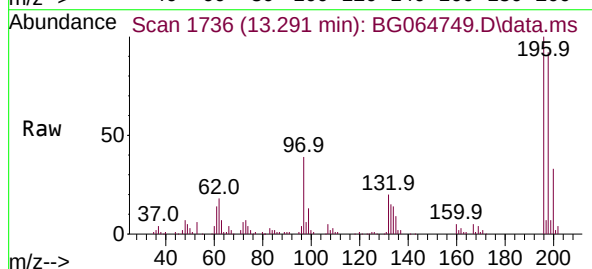
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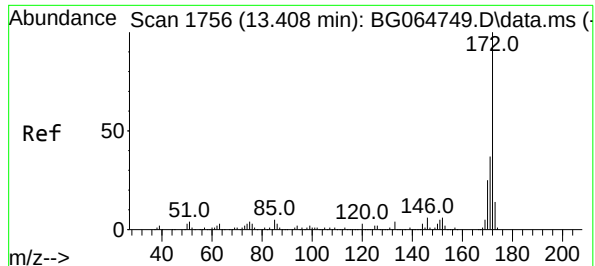
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#44
2,4,5-Trichlorophenol
Concen: 40.636 ng
RT: 13.291 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:196 Resp: 100121
Ion Ratio Lower Upper
196 100
198 91.5 73.2 109.8
97 39.2 31.4 47.0
132 19.9 15.9 23.9





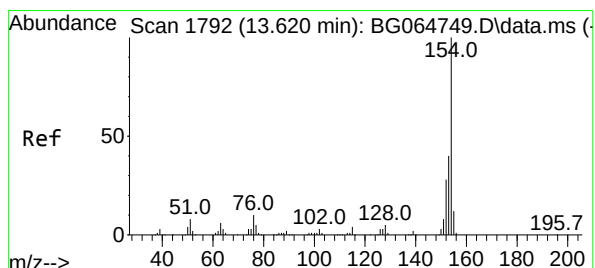
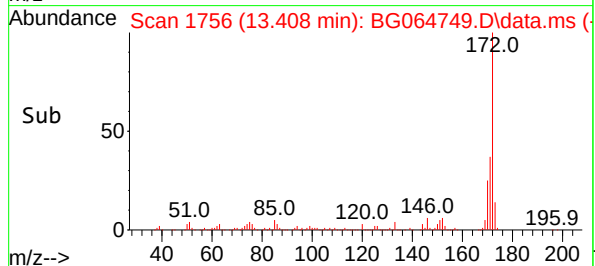
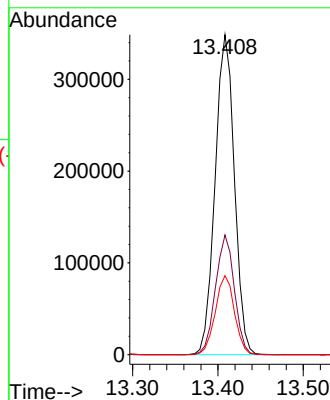
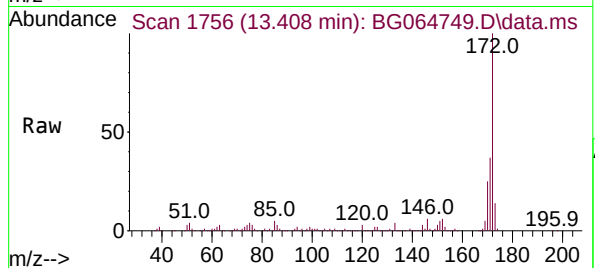
#45
2-Fluorobiphenyl
Concen: 79.252 ng
RT: 13.408 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 546263
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 24.7 19.8 29.6

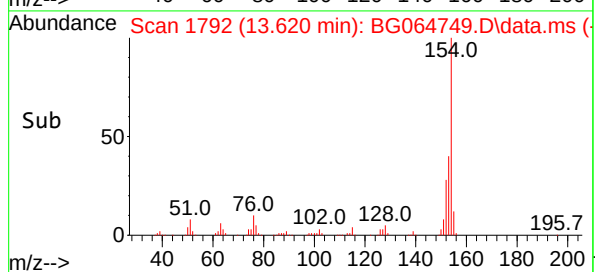
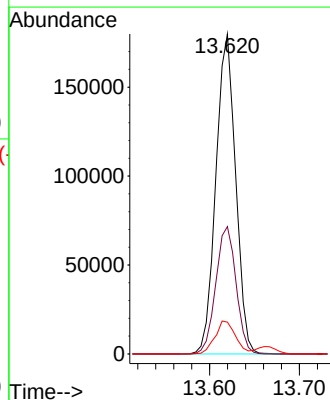
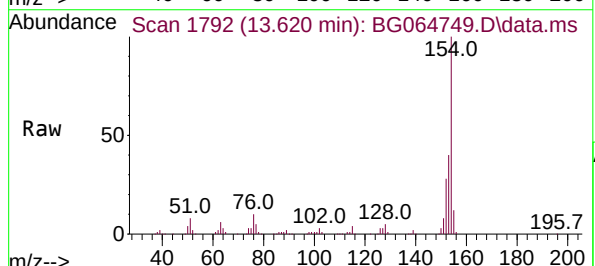
Manual Integrations
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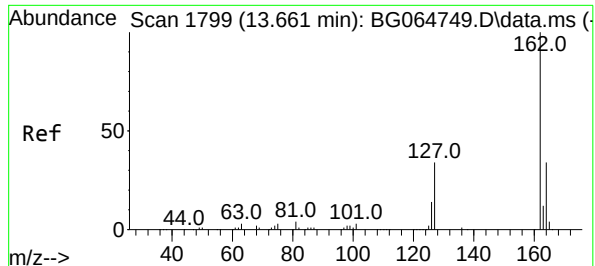
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#46
1,1'-Biphenyl
Concen: 39.776 ng
RT: 13.620 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:154 Resp: 274766
Ion Ratio Lower Upper
154 100
153 39.8 19.8 59.8
76 10.0 0.0 30.0





#47

2-Chloronaphthalene

Concen: 39.573 ng

RT: 13.661 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 21536

Ion Ratio Lower Upper

162 100

127 37.9 30.3 45.5

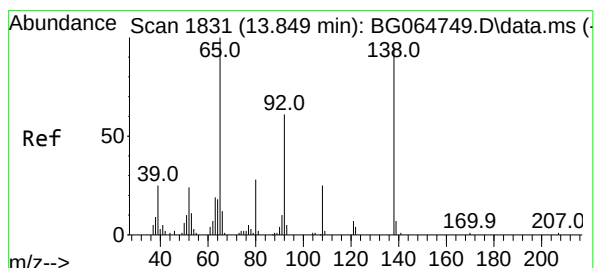
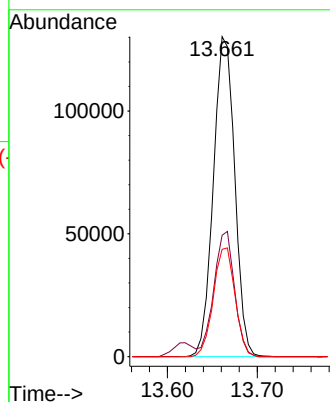
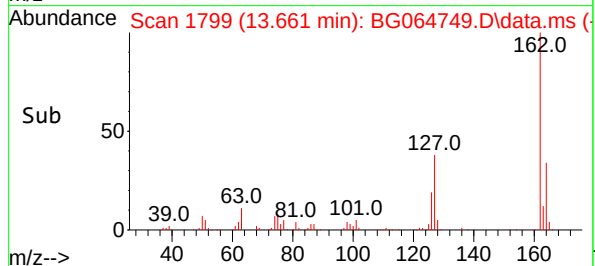
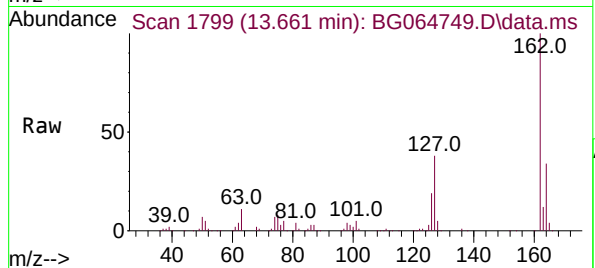
164 33.5 26.8 40.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

Concen: 40.816 ng

RT: 13.849 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

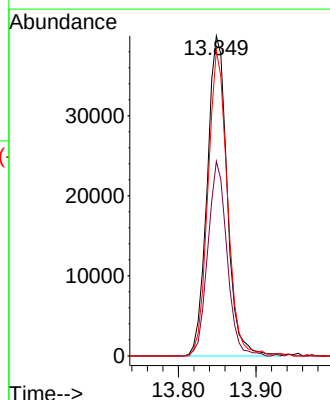
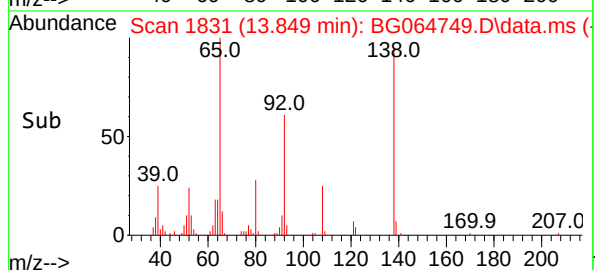
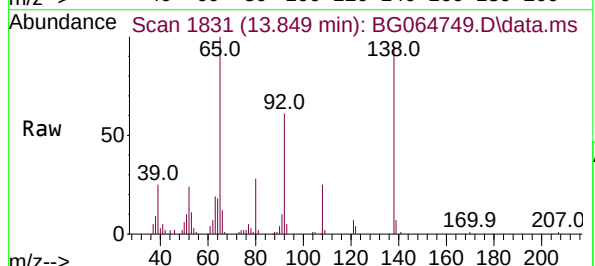
Tgt Ion: 65 Resp: 71445

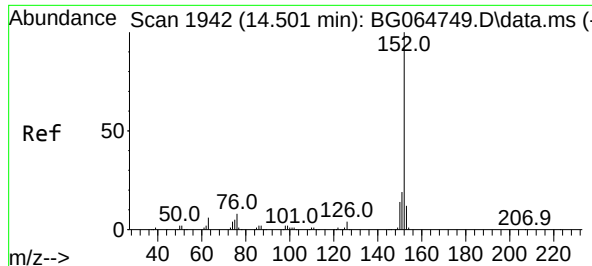
Ion Ratio Lower Upper

65 100

92 60.8 48.6 73.0

138 95.5 76.4 114.6





#49

Acenaphthylene

Concen: 39.925 ng

RT: 14.501 min Scan# 1942

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

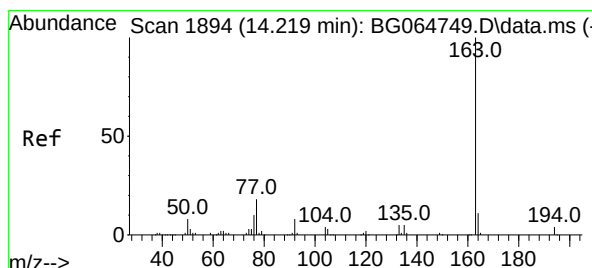
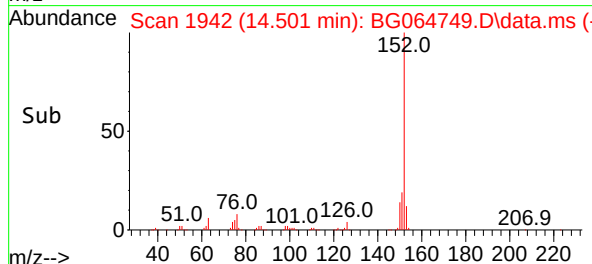
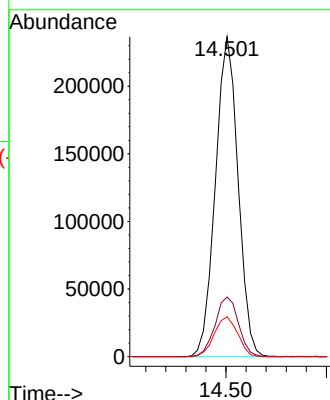
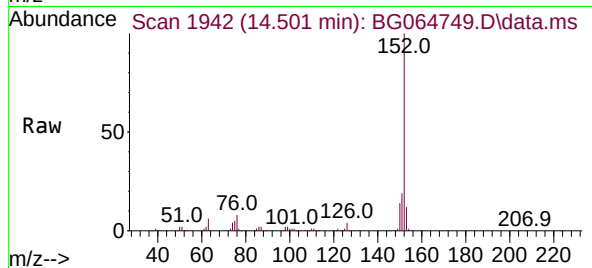
SSTDICCC040

Tgt Ion:	152	Resp:	371193
Ion Ratio	Lower	Upper	
152	100		
151	18.7	15.0	22.4
153	12.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

Concen: 39.215 ng

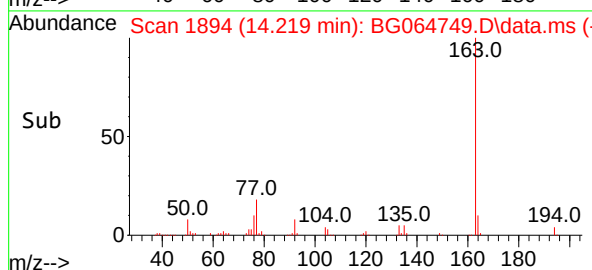
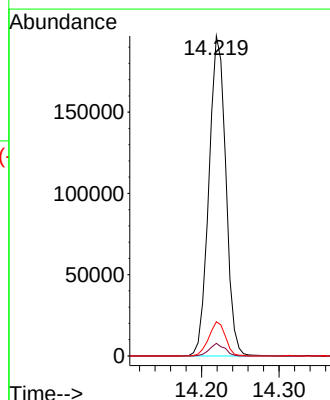
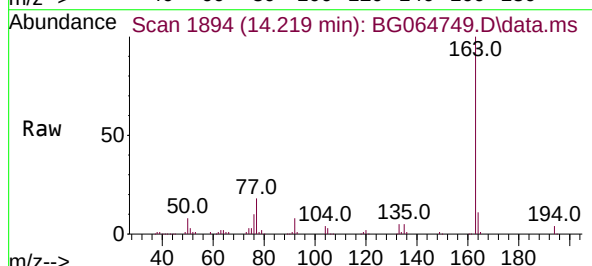
RT: 14.219 min Scan# 1894

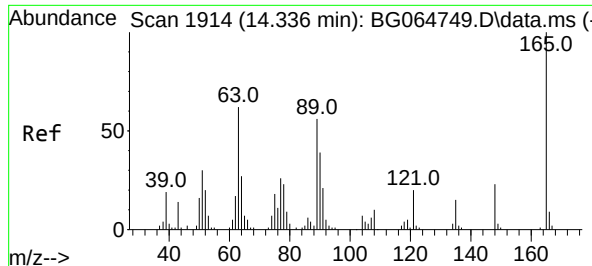
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Tgt Ion:	163	Resp:	297932
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.7	8.6	12.8





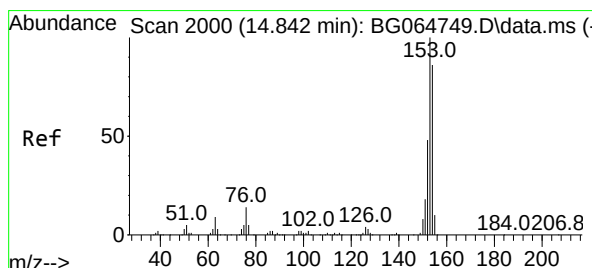
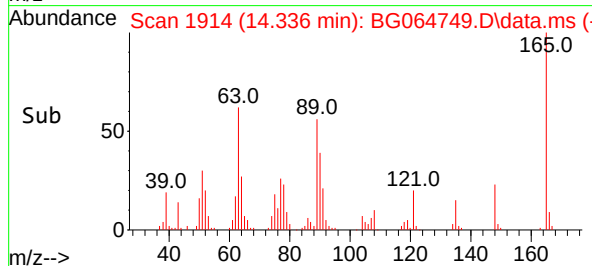
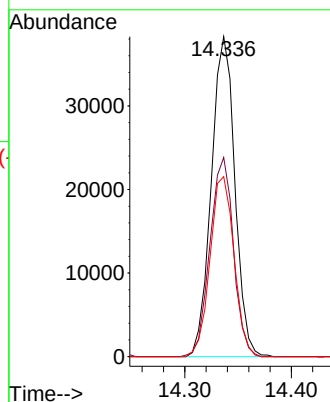
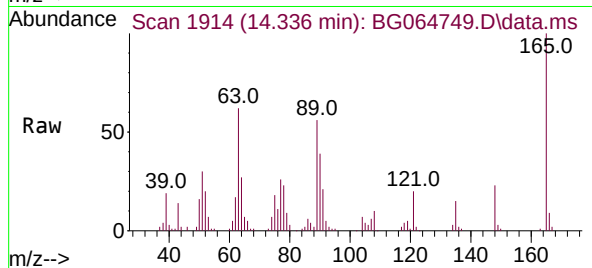
#51
2,6-Dinitrotoluene
Concen: 40.189 ng
RT: 14.336 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 58753
Ion Ratio Lower Upper
165 100
63 62.3 49.8 74.8
89 56.2 45.0 67.4

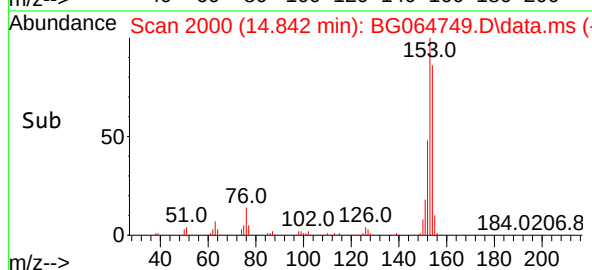
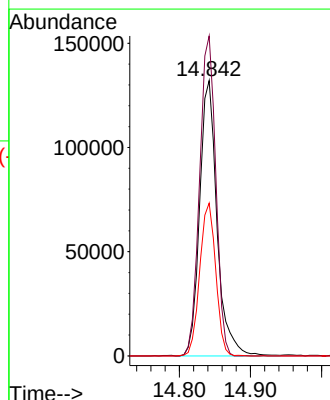
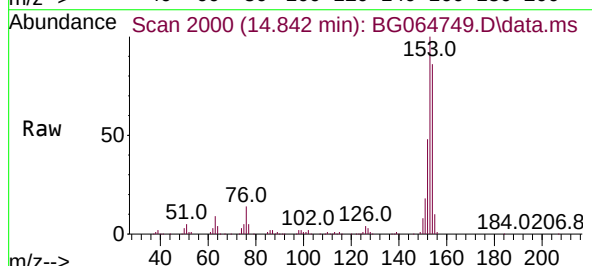
Manual Integrations
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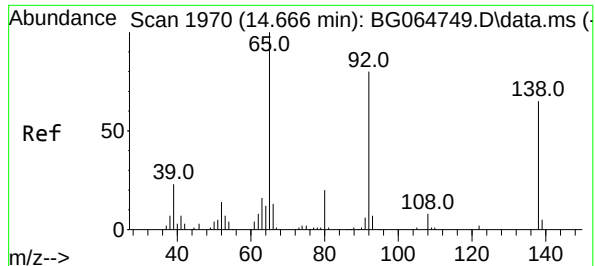
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#52
Acenaphthene
Concen: 40.220 ng
RT: 14.842 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:154 Resp: 224207
Ion Ratio Lower Upper
154 100
153 116.2 93.0 139.4
152 55.5 44.4 66.6





#53

3-Nitroaniline

Concen: 40.792 ng

RT: 14.666 min Scan# 1970

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

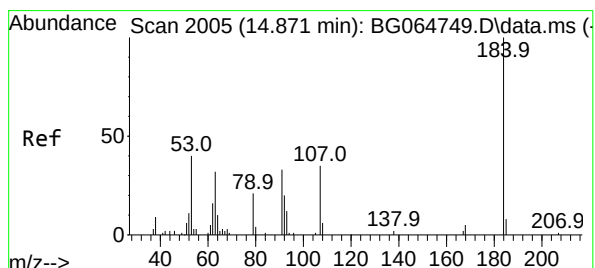
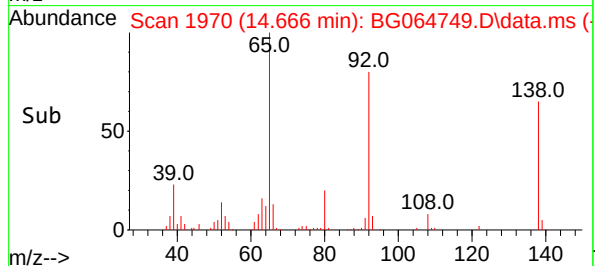
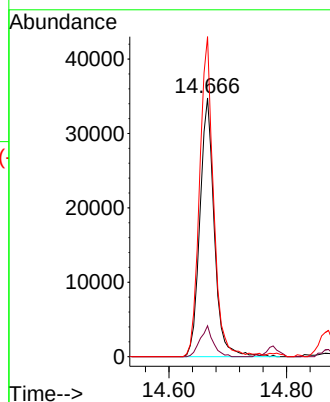
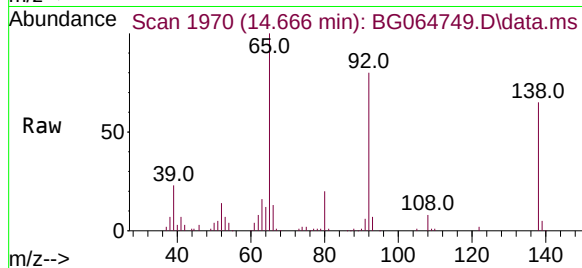
ClientSampleId :

SSTDICCC040

Tgt Ion:	138	Resp:	58858
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.5	14.3
92	123.7	99.0	148.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 37.583 ng

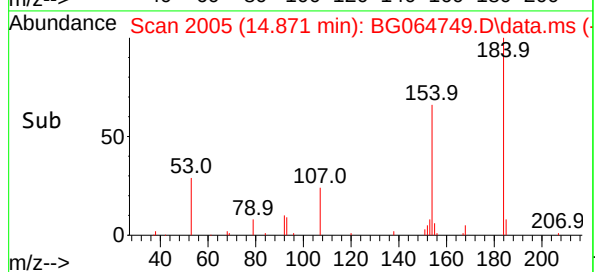
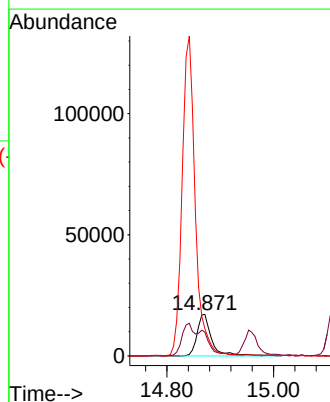
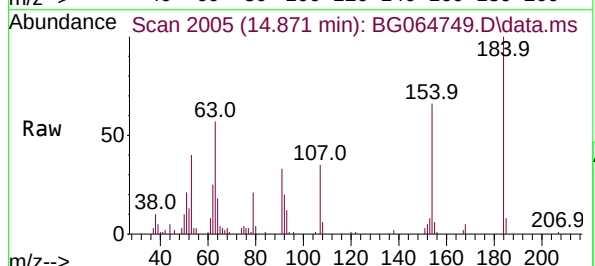
RT: 14.871 min Scan# 2005

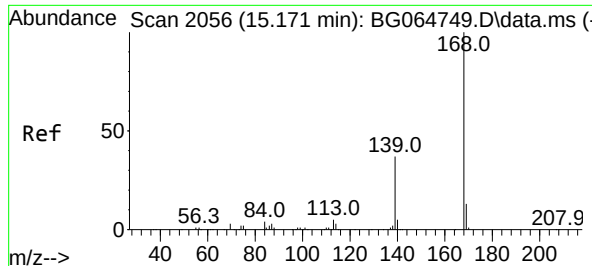
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

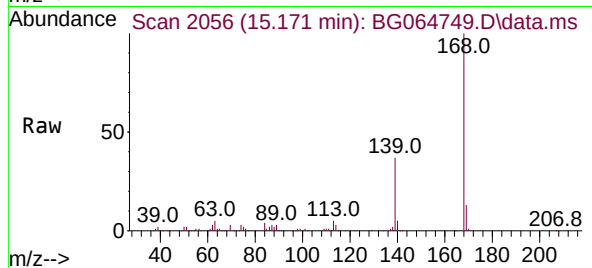
Tgt Ion:	184	Resp:	32531
Ion Ratio	Lower	Upper	
184	100		
63	57.2	45.8	68.6
154	65.7	52.6	78.8





#55
Dibenzenofuran
Concen: 38.973 ng
RT: 15.171 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

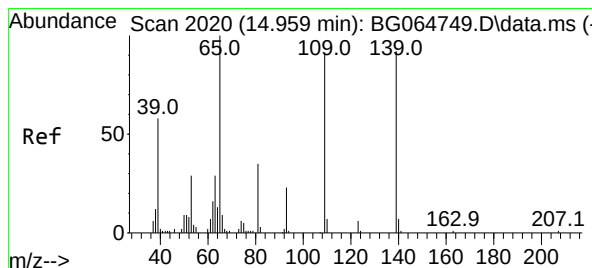
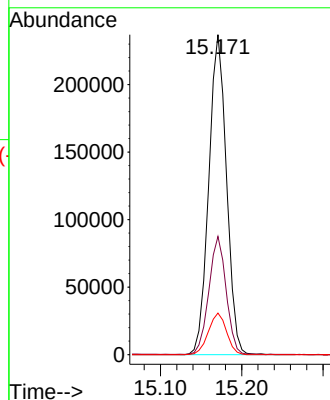
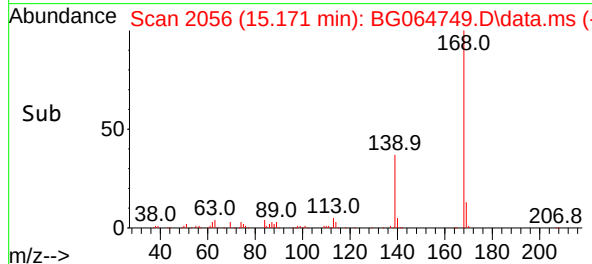
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 359176
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.0 10.4 15.6

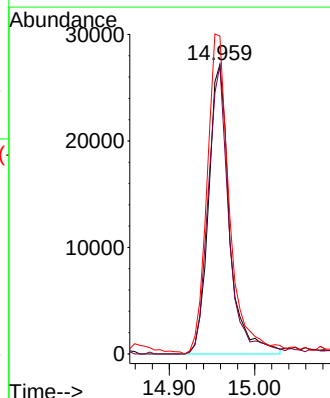
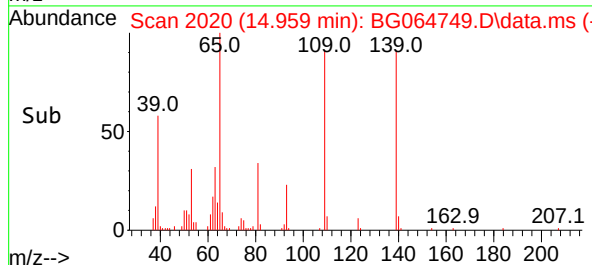
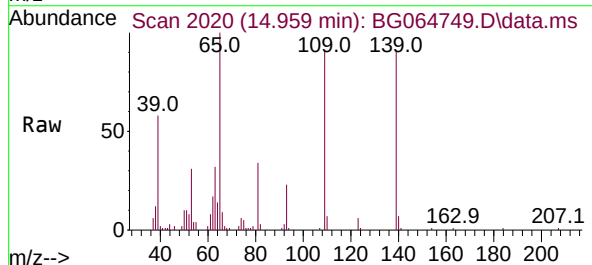
Manual Integrations
APPROVED

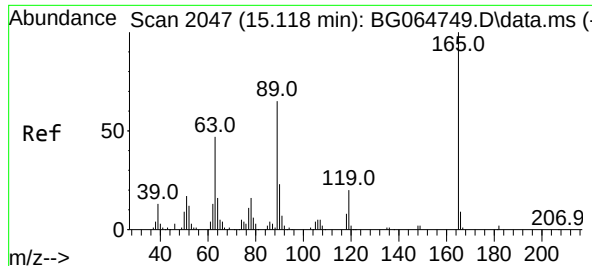
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 40.555 ng
RT: 14.959 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:139 Resp: 46427
Ion Ratio Lower Upper
139 100
109 99.7 79.7 119.7
65 109.9 89.9 129.9





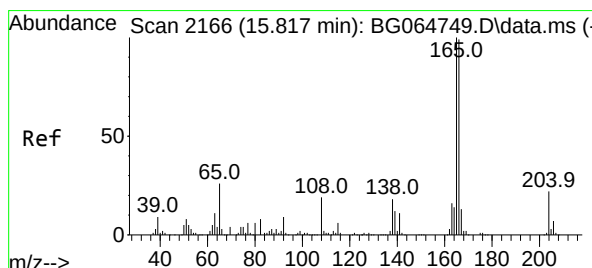
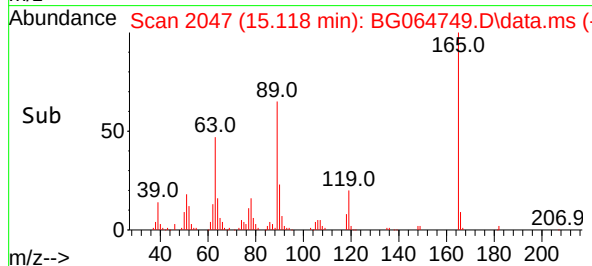
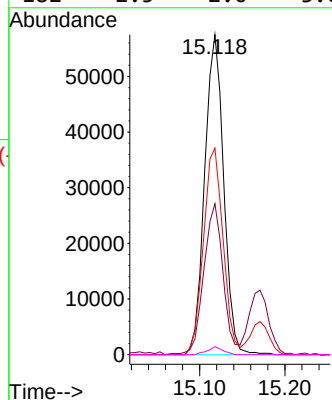
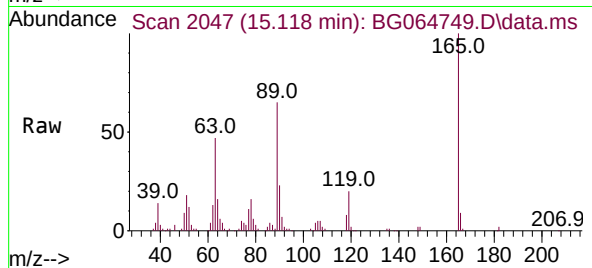
#57
2,4-Dinitrotoluene
Concen: 40.589 ng
RT: 15.118 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 88959
Ion Ratio Lower Upper
165 100
63 47.2 37.8 56.6
89 64.5 51.6 77.4
182 2.5 2.0 3.0

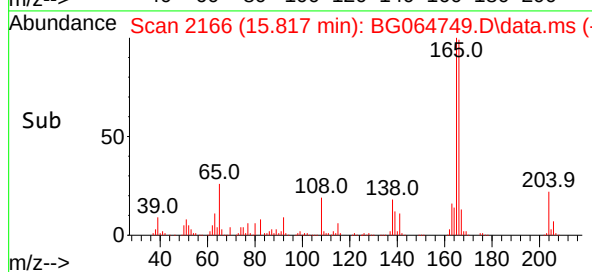
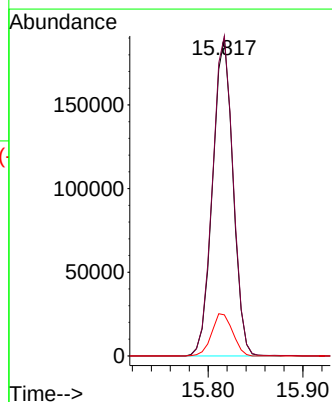
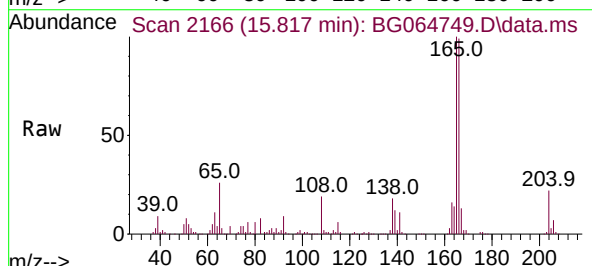
Manual Integrations
APPROVED

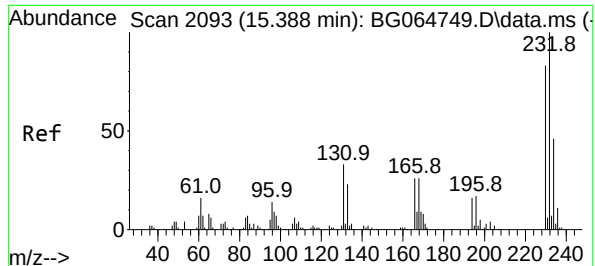
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#58
Fluorene
Concen: 39.136 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

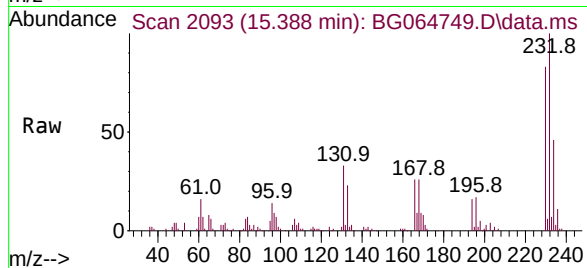
Tgt Ion:166 Resp: 282884
Ion Ratio Lower Upper
166 100
165 100.6 80.5 120.7
167 12.9 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.675 ng
RT: 15.388 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

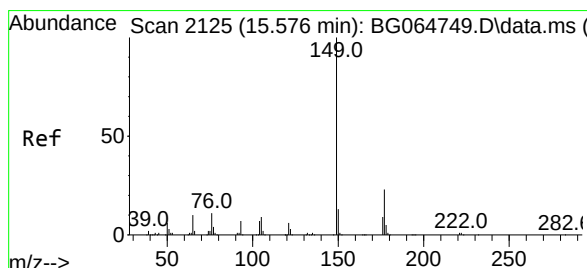
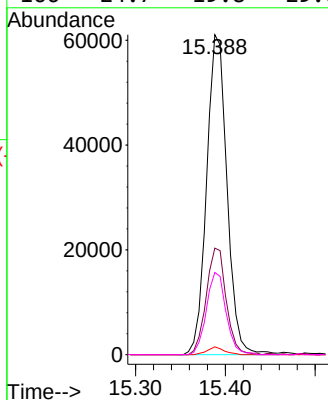
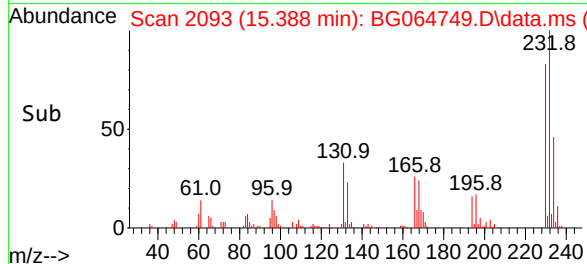
Instrument :
BNA_G
Client Sample Id :
SSTDICCC040



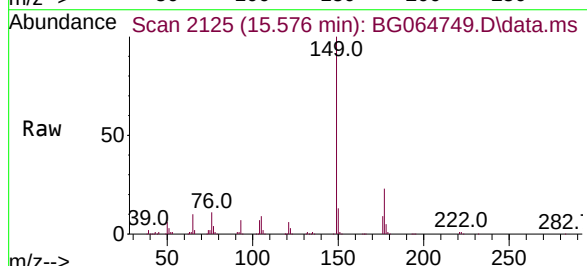
Tgt Ion: 232 Resp: 96448
Ion Ratio Lower Upper
232 100
131 32.5 26.0 39.0
130 2.0 1.6 2.4
166 24.7 19.8 29.6

Manual Integrations
APPROVED

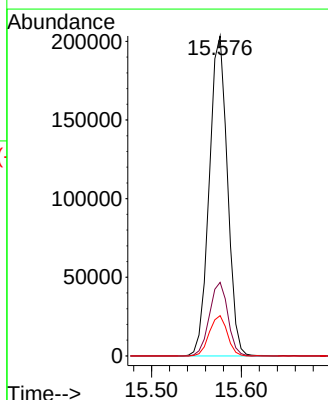
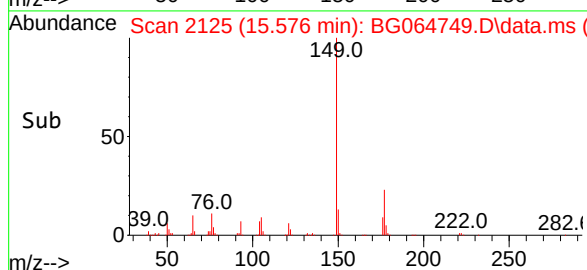
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025

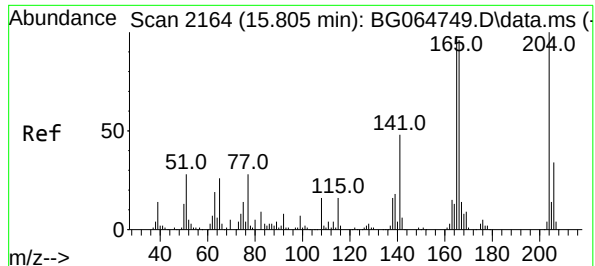


#60
Diethylphthalate
Concen: 39.444 ng
RT: 15.576 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



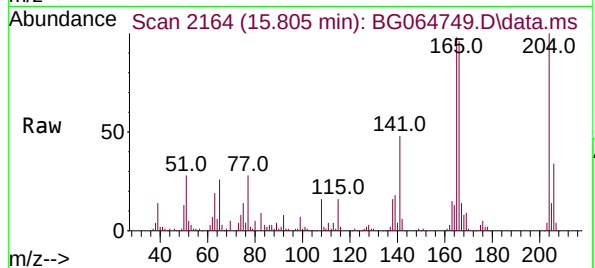
Tgt Ion: 149 Resp: 287069
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.017 ng
RT: 15.805 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

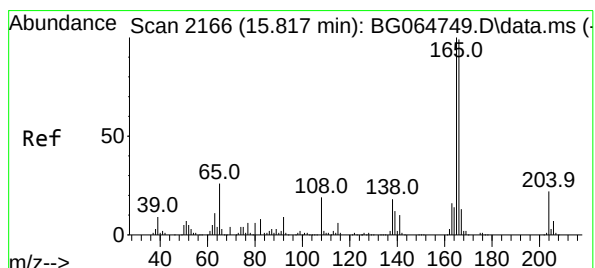
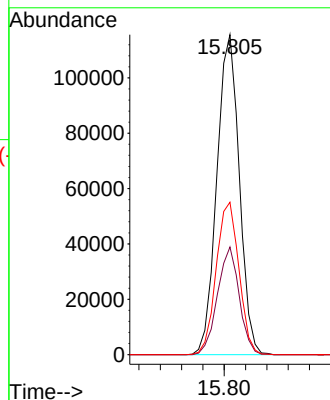
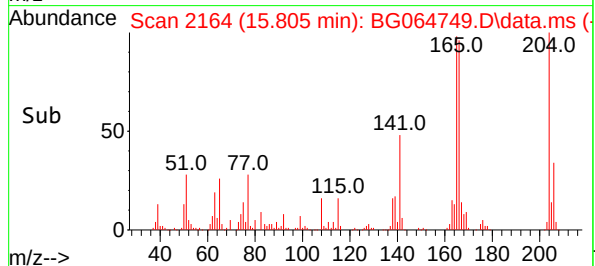
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:204 Resp: 169253
Ion Ratio Lower Upper
204 100
206 33.6 26.9 40.3
141 47.6 38.1 57.1

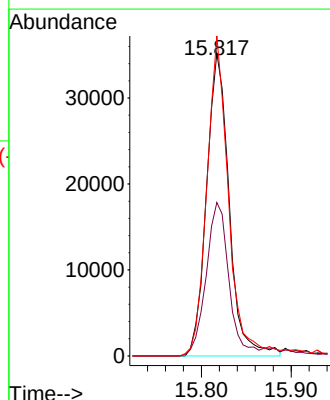
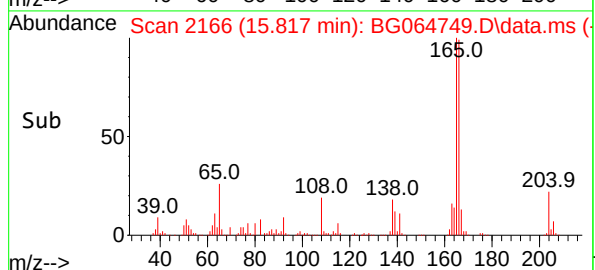
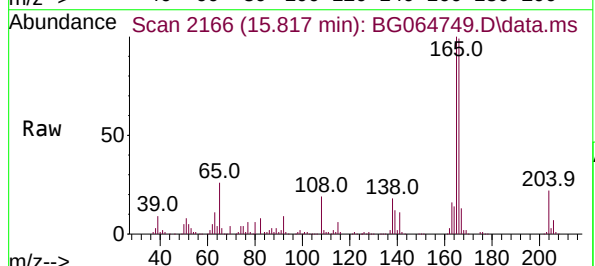
Manual Integrations
APPROVED

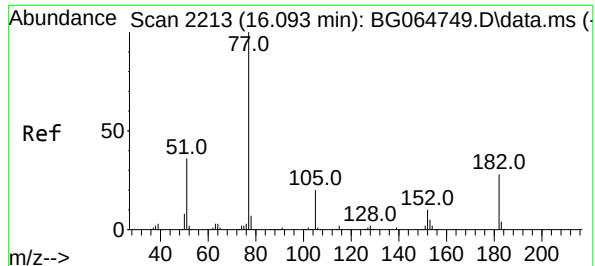
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#62
4-Nitroaniline
Concen: 41.175 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

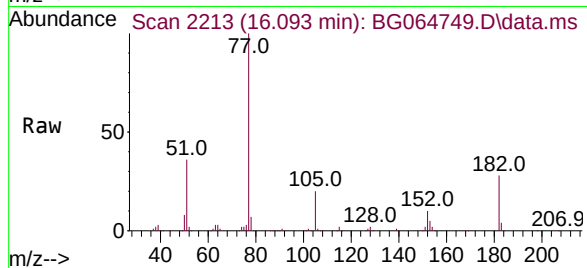
Tgt Ion:138 Resp: 61547
Ion Ratio Lower Upper
138 100
92 50.7 30.7 70.7
108 105.7 85.7 125.7





#63
Azobenzene
Concen: 39.248 ng
RT: 16.093 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

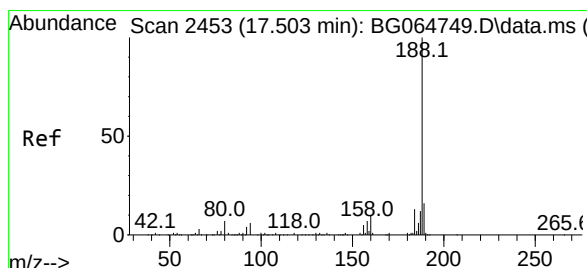
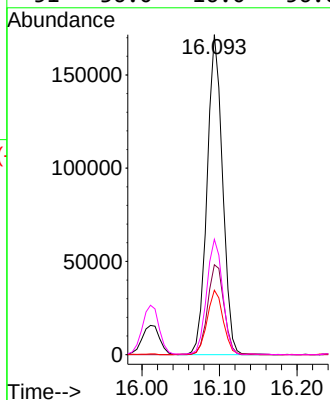
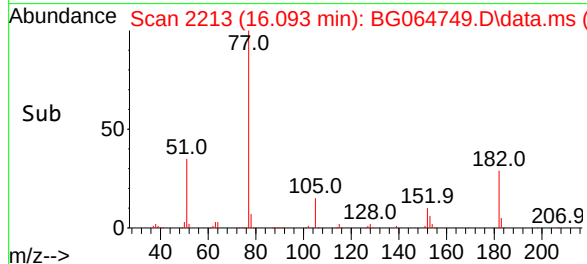
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



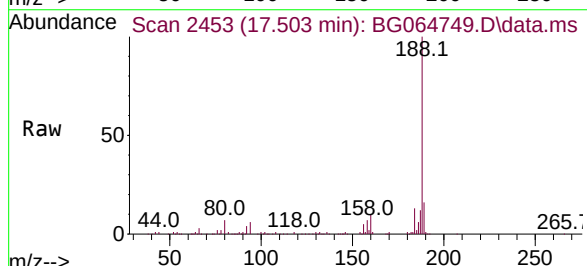
Tgt Ion: 77 Resp: 237589
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 20.1 0.1 40.1
51 36.0 16.0 56.0

Manual Integrations
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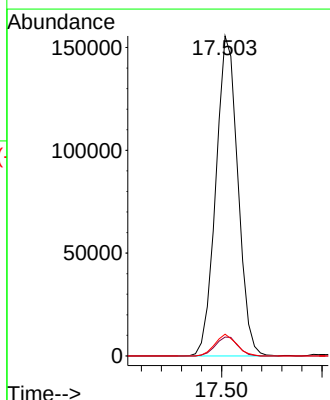
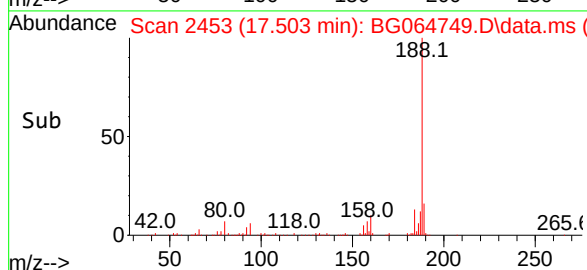
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

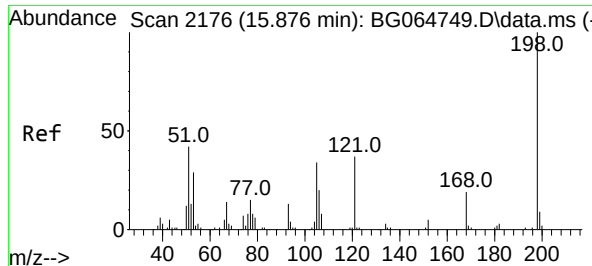


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



Tgt Ion:188 Resp: 237407
Ion Ratio Lower Upper
188 100
94 5.9 4.7 7.1
80 6.8 5.4 8.2





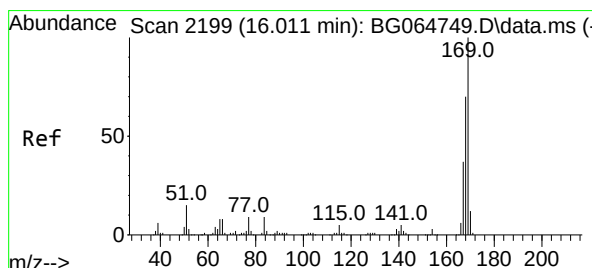
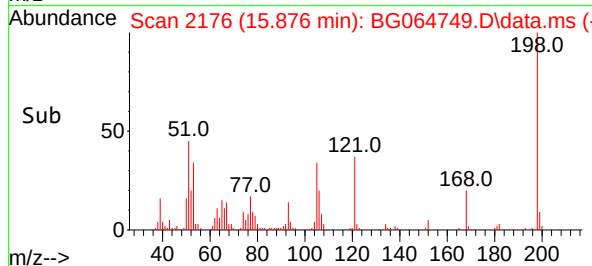
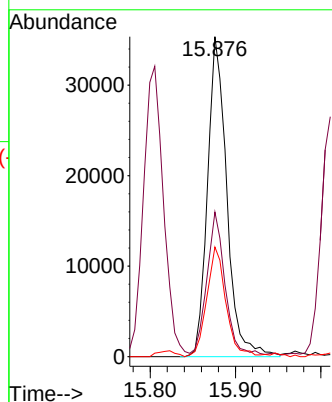
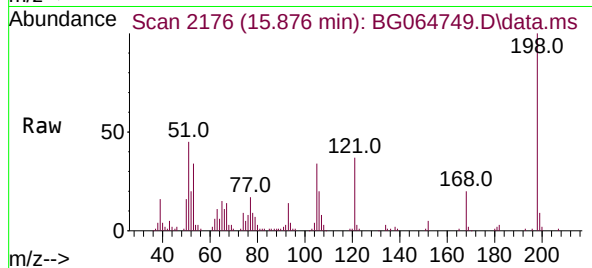
#65
4,6-Dinitro-2-methylphenol
Concen: 42.097 ng
RT: 15.876 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 55489
Ion Ratio Lower Upper
198 100
51 45.2 25.2 65.2
105 34.2 14.2 54.2

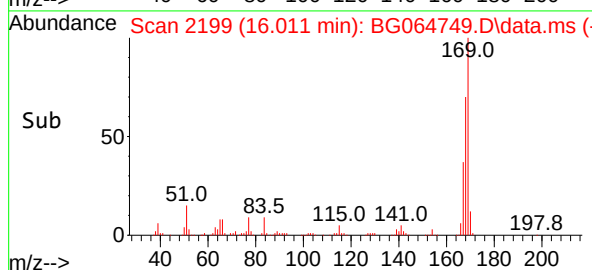
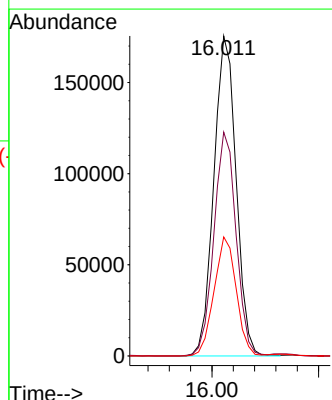
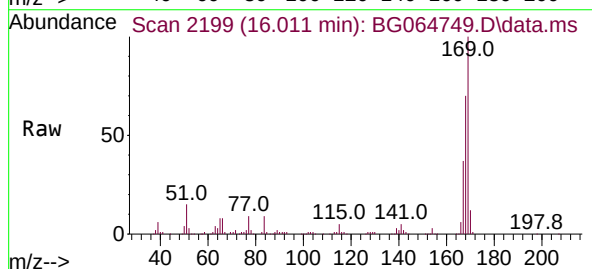
Manual Integrations
APPROVED

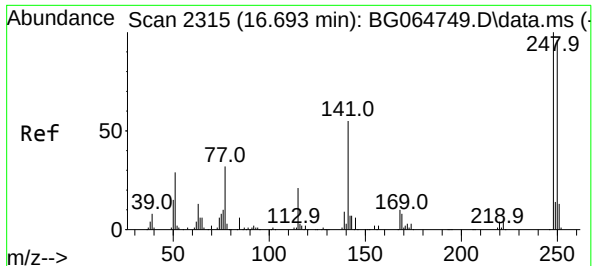
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 41.111 ng
RT: 16.011 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

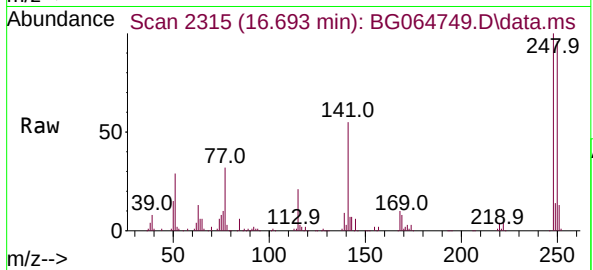
Tgt Ion:169 Resp: 255647
Ion Ratio Lower Upper
169 100
168 69.9 55.9 83.9
167 37.2 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 41.030 ng
RT: 16.693 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

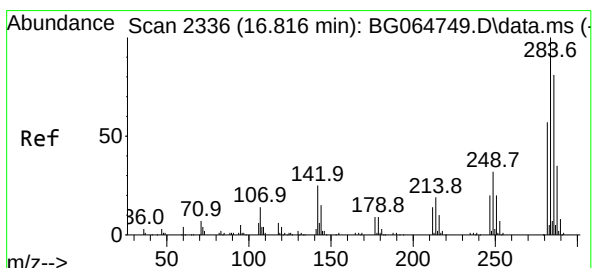
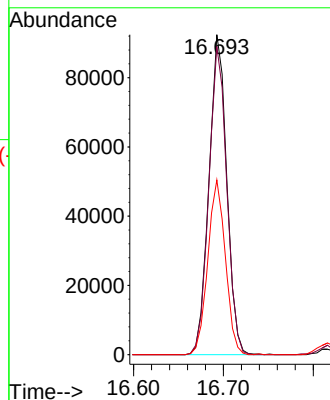
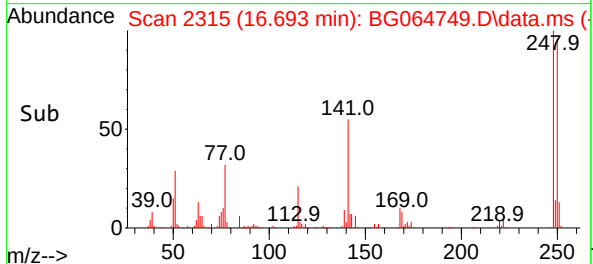
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 127918
Ion Ratio Lower Upper
248 100
250 96.3 77.0 115.6
141 54.6 43.7 65.5

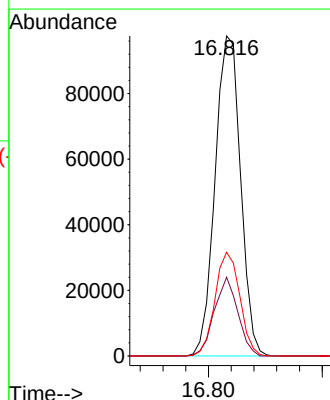
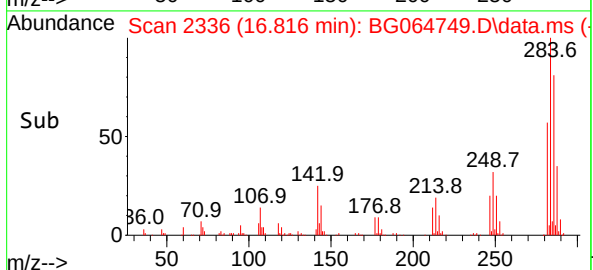
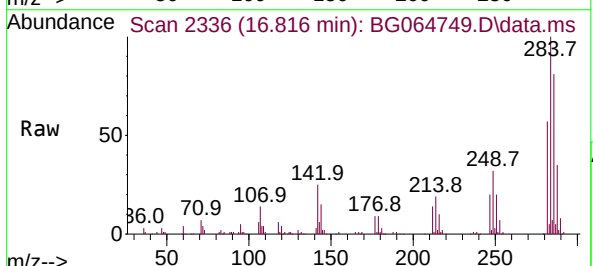
Manual Integrations
APPROVED

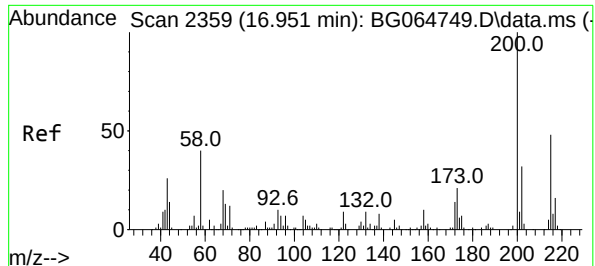
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#68
Hexachlorobenzene
Concen: 40.195 ng
RT: 16.816 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:284 Resp: 151827
Ion Ratio Lower Upper
284 100
142 24.6 19.7 29.5
249 35.1 28.1 42.1





#69

Atrazine

Concen: 40.086 ng

RT: 16.951 min Scan# 2359

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 120184

Ion Ratio Lower Upper

200 100

173 20.9 0.9 40.9

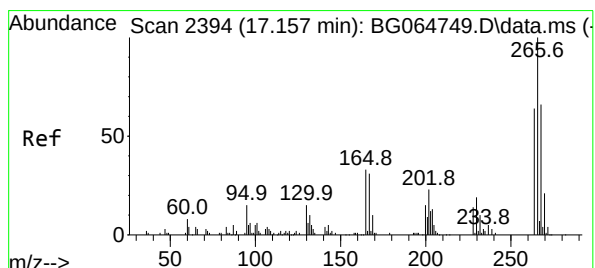
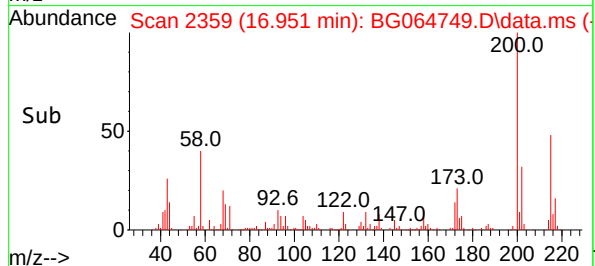
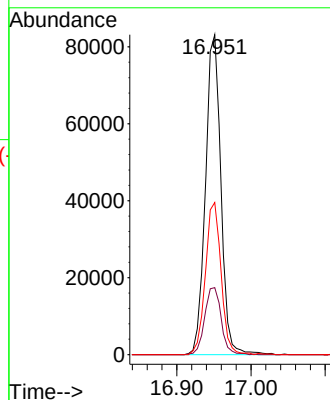
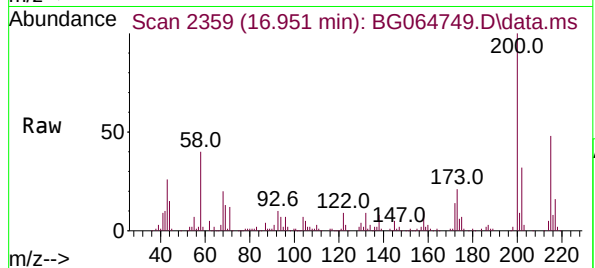
215 47.5 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 37.572 ng

RT: 17.157 min Scan# 2394

Delta R.T. -0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

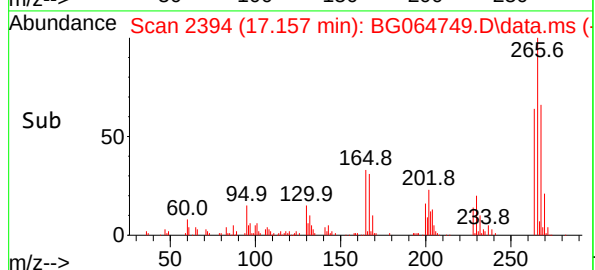
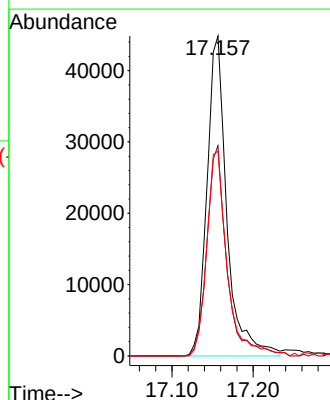
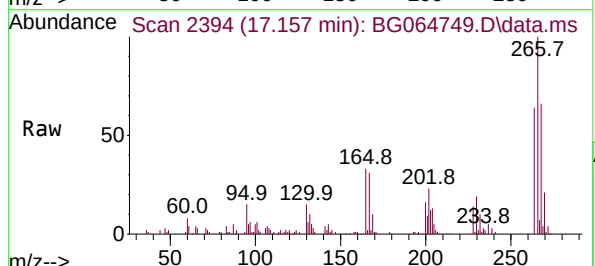
Tgt Ion:266 Resp: 76096

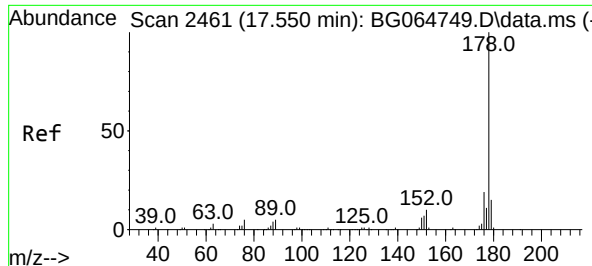
Ion Ratio Lower Upper

266 100

268 70.1 56.1 84.1

264 64.0 51.2 76.8





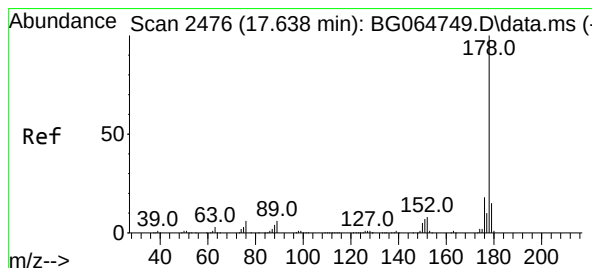
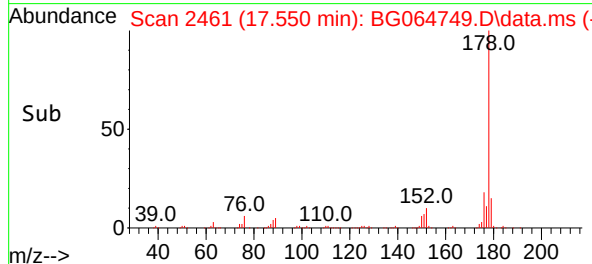
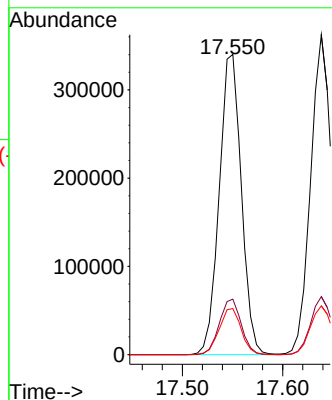
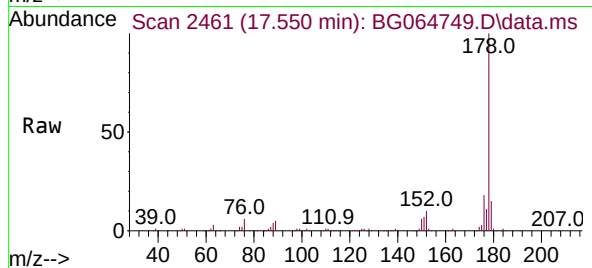
#71
Phenanthrene
Concen: 40.177 ng
RT: 17.550 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 521873
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.2 18.4

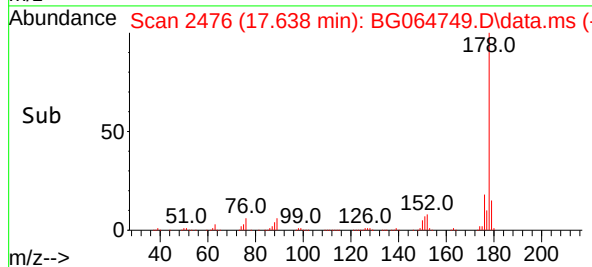
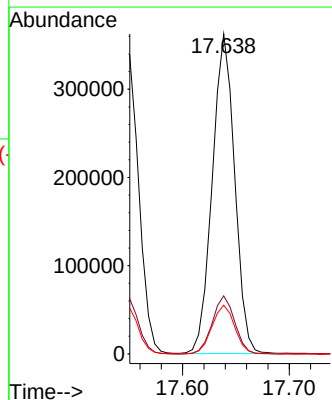
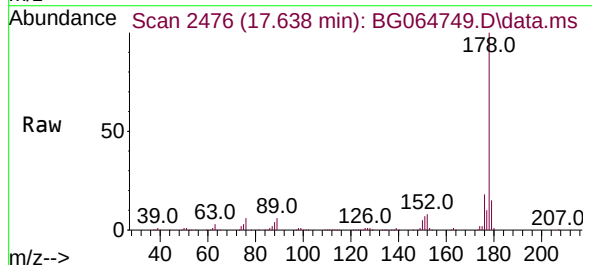
Manual Integrations
APPROVED

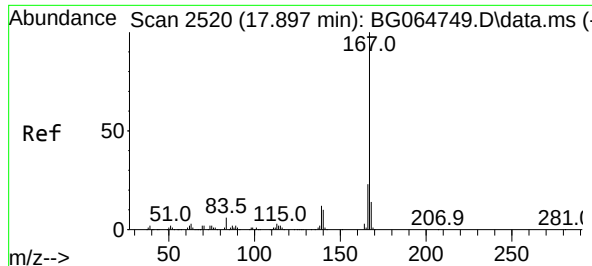
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 39.892 ng
RT: 17.638 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

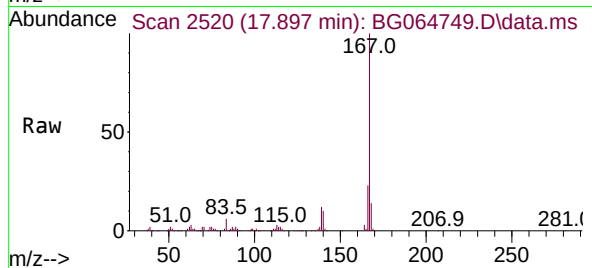
Tgt Ion:178 Resp: 528364
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.3 12.2 18.4





#73
Carbazole
Concen: 40.475 ng
RT: 17.897 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

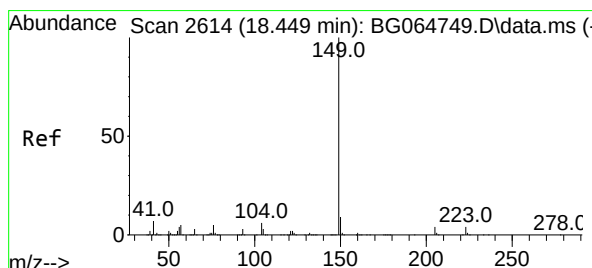
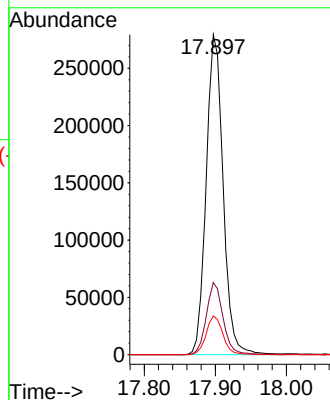
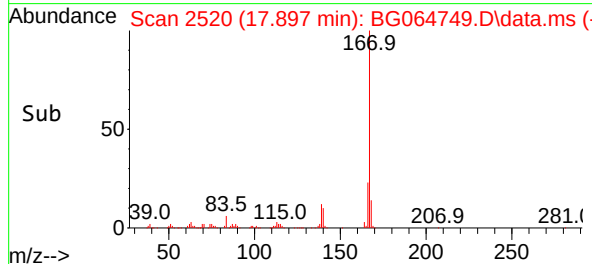
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 460859
Ion Ratio Lower Upper
167 100
166 22.5 18.0 27.0
139 12.1 9.7 14.5

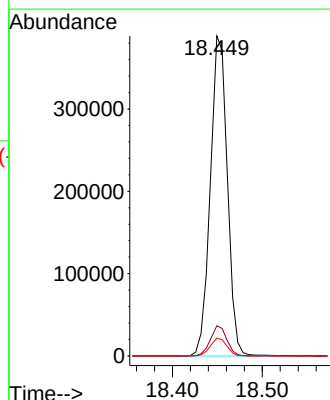
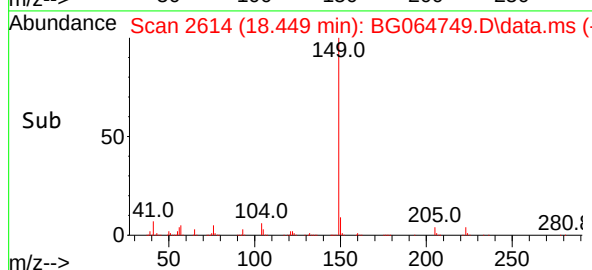
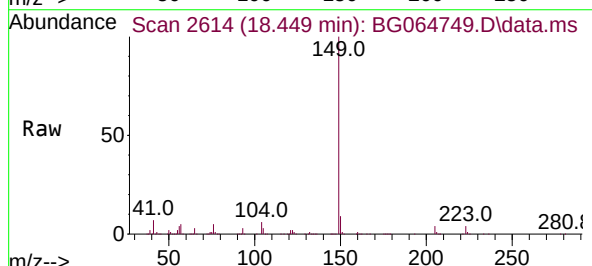
Manual Integrations
APPROVED

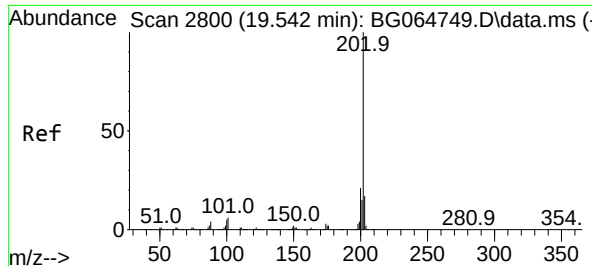
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#74
Di-n-butylphthalate
Concen: 40.245 ng
RT: 18.449 min Scan# 2614
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:149 Resp: 511236
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.5 4.4 6.6





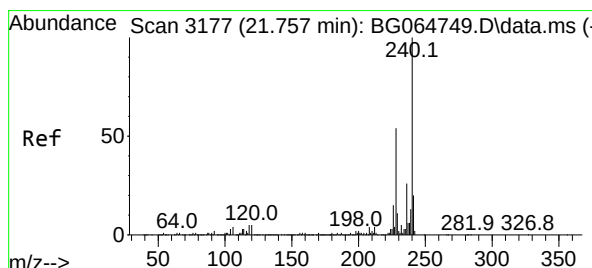
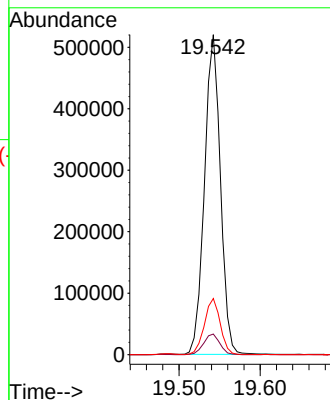
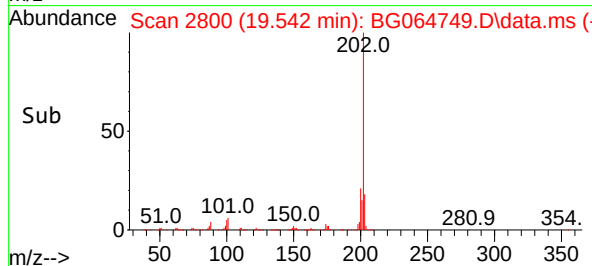
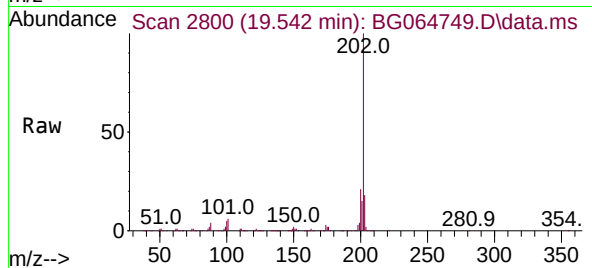
#75
Fluoranthene
Concen: 39.948 ng
RT: 19.542 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 70955
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.4
203 17.5 0.0 37.5

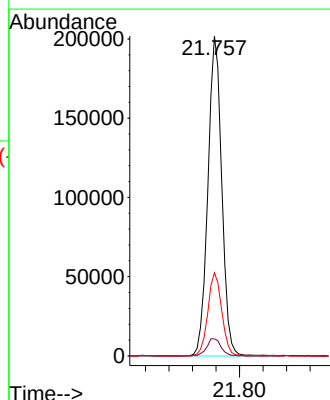
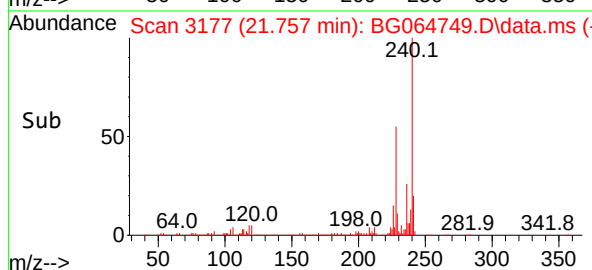
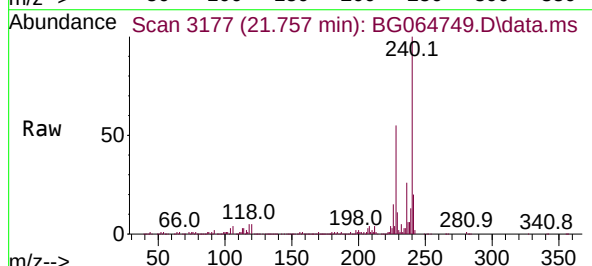
Manual Integrations
APPROVED

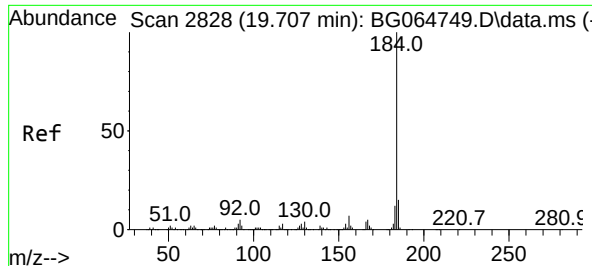
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

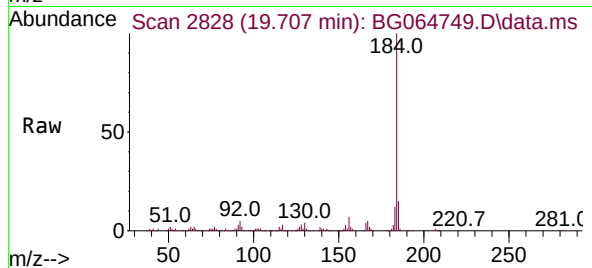
Tgt Ion:240 Resp: 329177
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.4
236 26.0 20.8 31.2





#77
Benzidine
Concen: 37.485 ng
RT: 19.707 min Scan# 2828
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

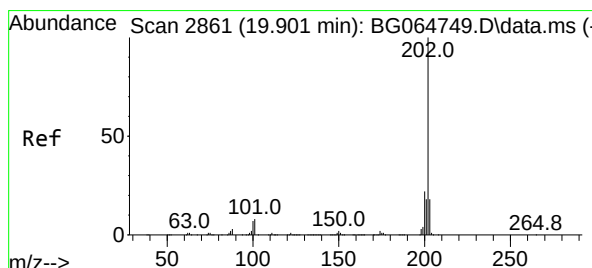
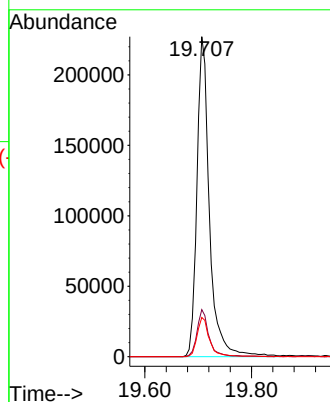
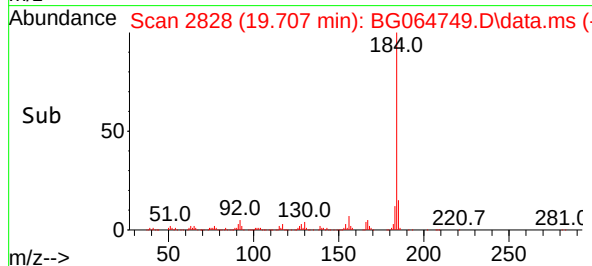
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 369544
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 12.2 9.8 14.6

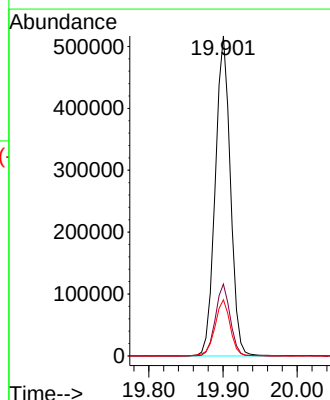
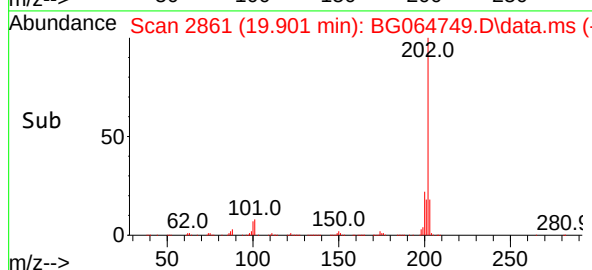
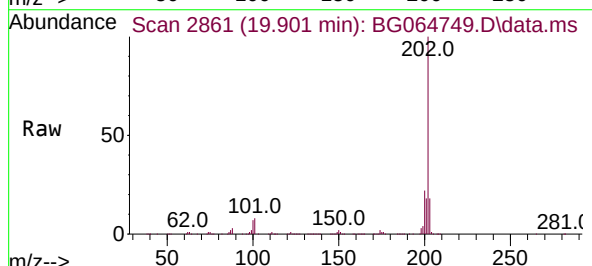
Manual Integrations
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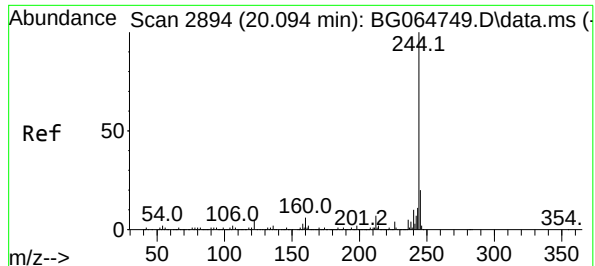
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 39.650 ng
RT: 19.901 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:202 Resp: 731495
Ion Ratio Lower Upper
202 100
200 22.4 17.9 26.9
203 17.5 14.0 21.0





#79

Terphenyl-d14

Concen: 79.636 ng

RT: 20.094 min Scan# 2894

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:244 Resp: 1332639

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

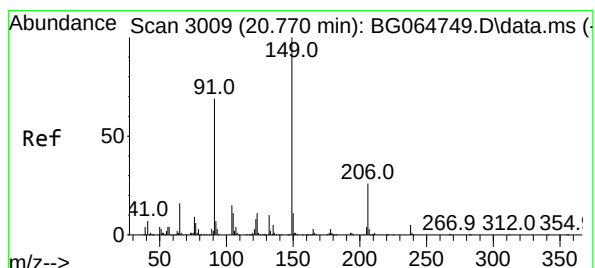
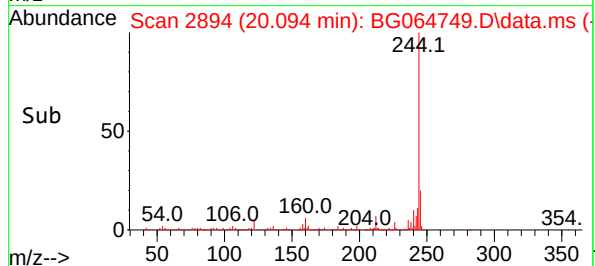
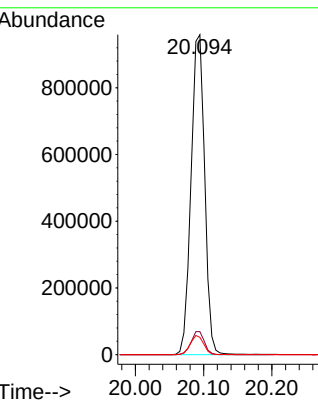
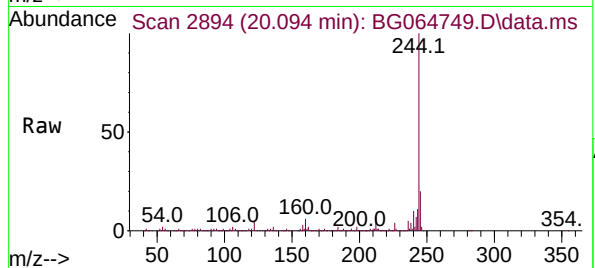
122 5.4 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#80

Butylbenzylphthalate

Concen: 39.676 ng

RT: 20.770 min Scan# 3009

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

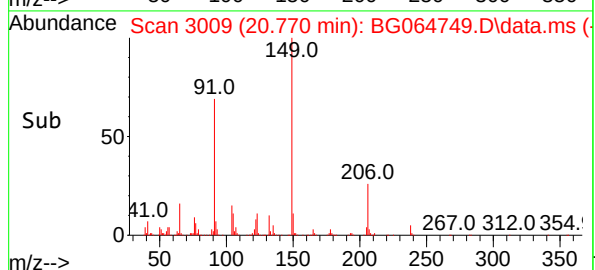
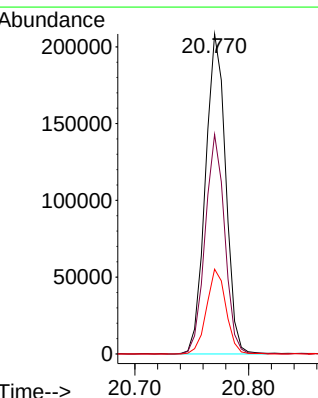
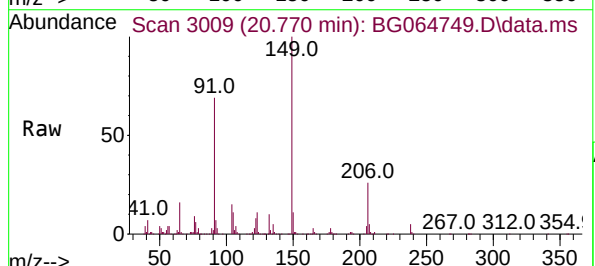
Tgt Ion:149 Resp: 257466

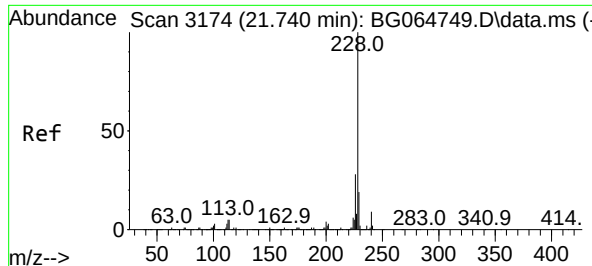
Ion Ratio Lower Upper

149 100

91 68.6 54.9 82.3

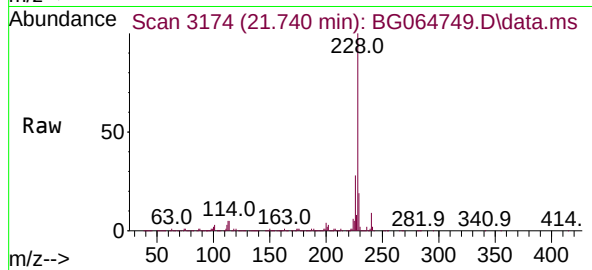
206 26.5 21.2 31.8





#81
Benzo(a)anthracene
Concen: 40.563 ng
RT: 21.740 min Scan# 3174
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

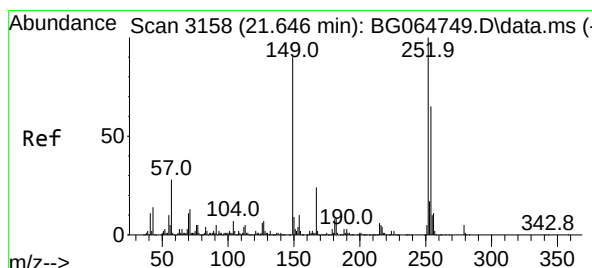
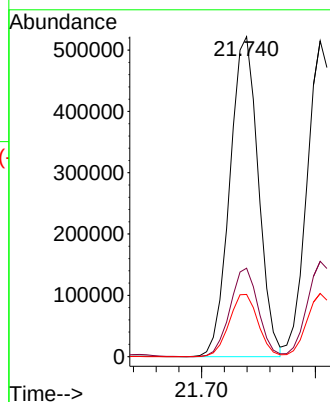
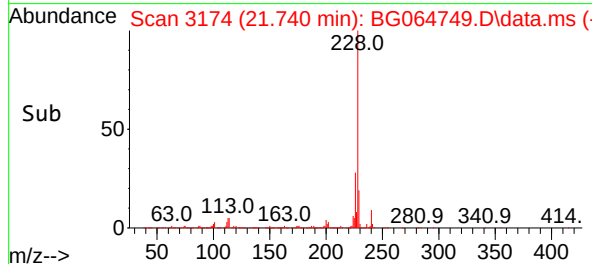
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 907919
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.4 15.5 23.3

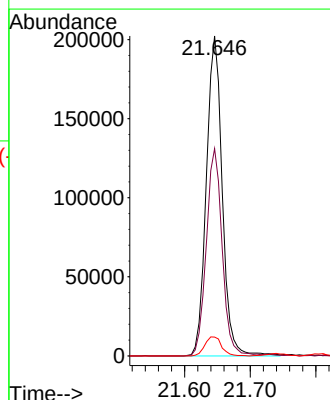
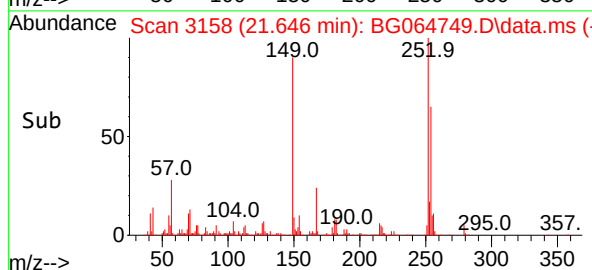
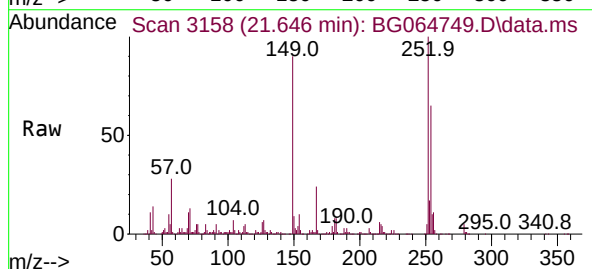
Manual Integrations
APPROVED

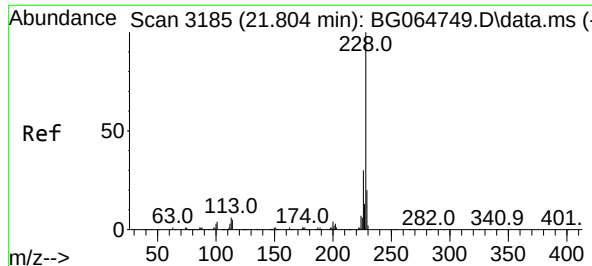
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 41.276 ng
RT: 21.646 min Scan# 3158
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:252 Resp: 340049
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.8
126 5.9 4.7 7.1





#83

Chrysene

Concen: 40.834 ng

RT: 21.804 min Scan# 3185

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 861680

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

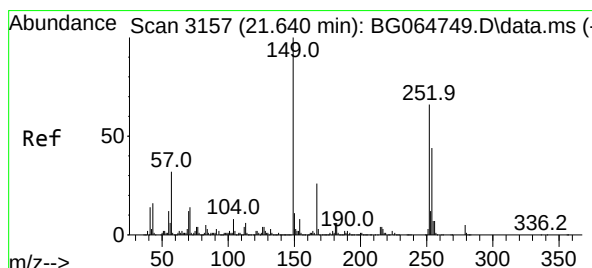
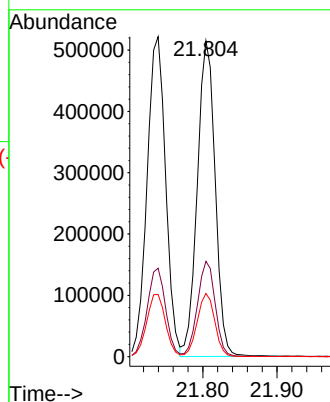
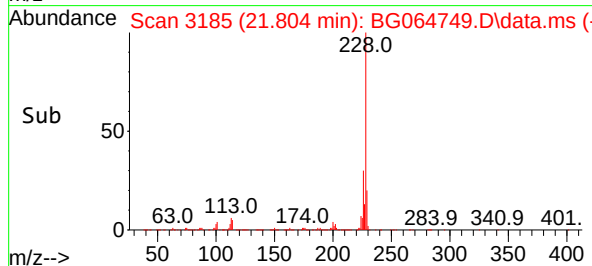
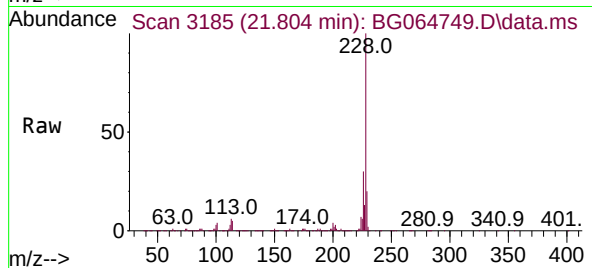
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.497 ng

RT: 21.640 min Scan# 3157

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

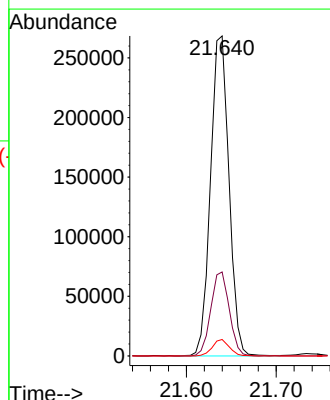
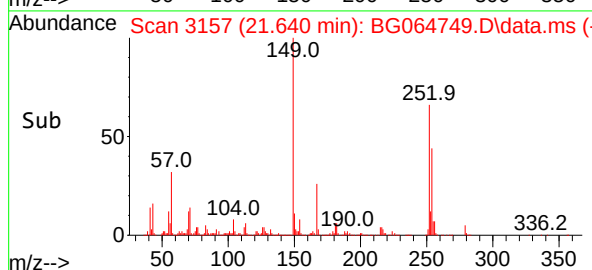
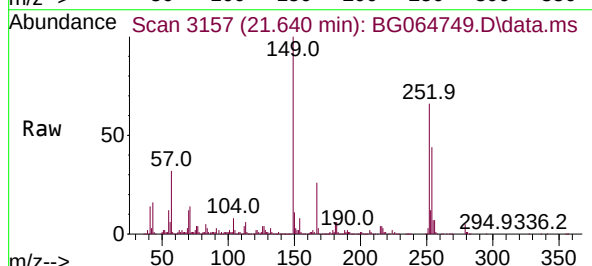
Tgt Ion:149 Resp: 384010

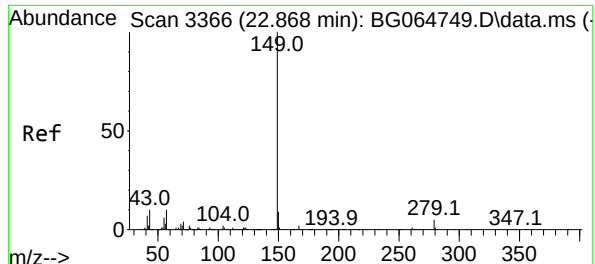
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

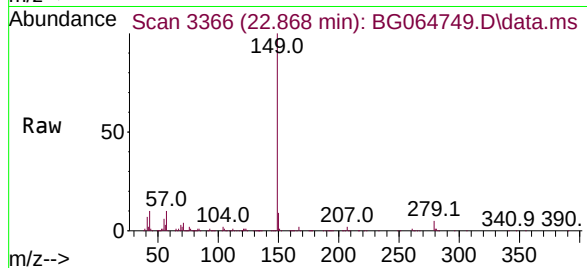
279 5.1 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 41.680 ng
RT: 22.868 min Scan# 3366
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

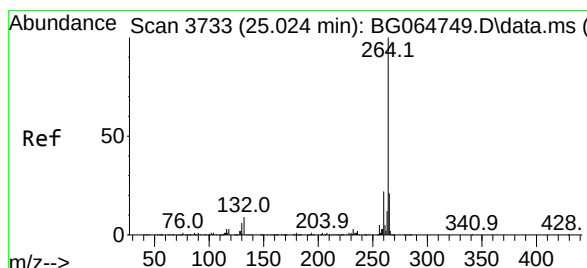
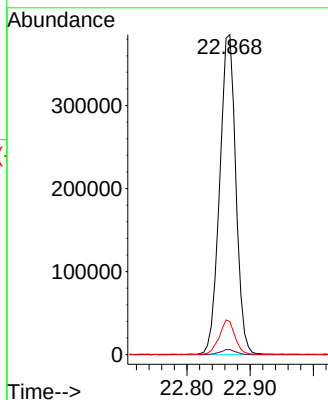
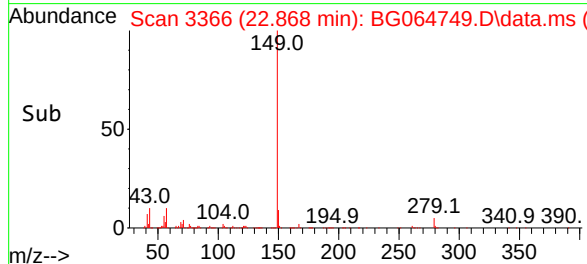
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 683175
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.4 8.3 12.5

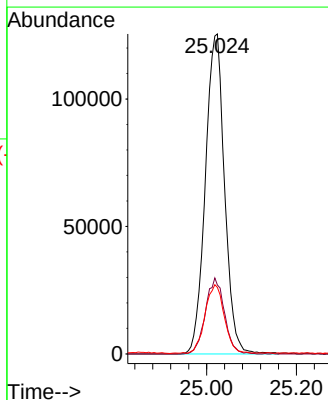
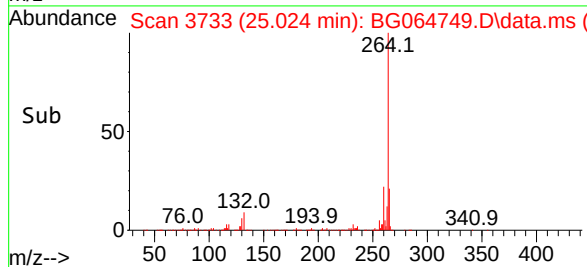
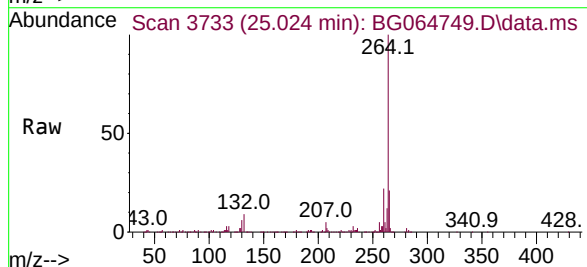
Manual Integrations
APPROVED

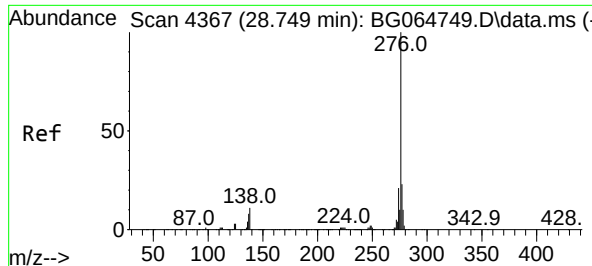
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.024 min Scan# 3733
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

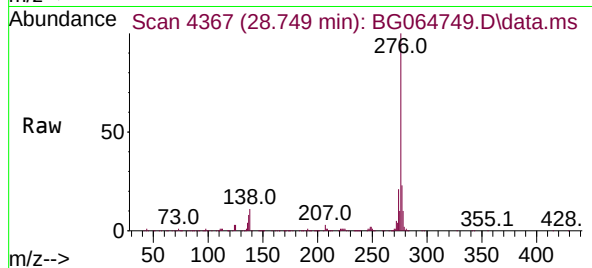
Tgt Ion:264 Resp: 372727
Ion Ratio Lower Upper
264 100
260 21.5 17.2 25.8
265 20.8 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.734 ng
RT: 28.749 min Scan# 4367
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

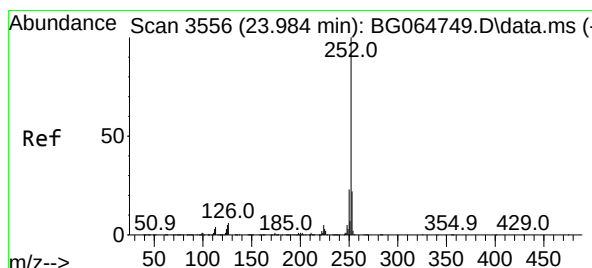
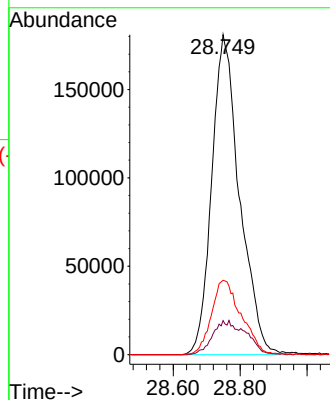
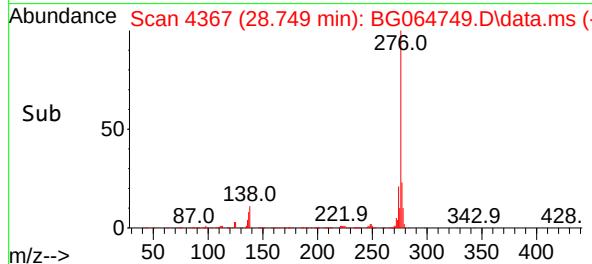
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 1043099
Ion Ratio Lower Upper
276 100
138 5.6 4.5 6.7
277 25.0 20.0 30.0

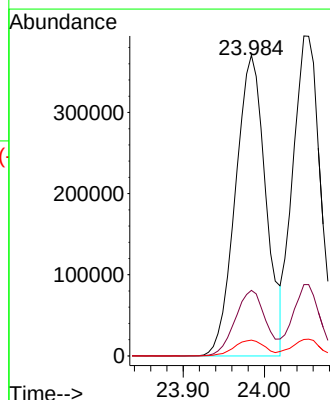
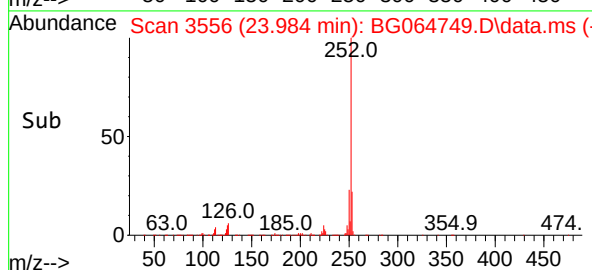
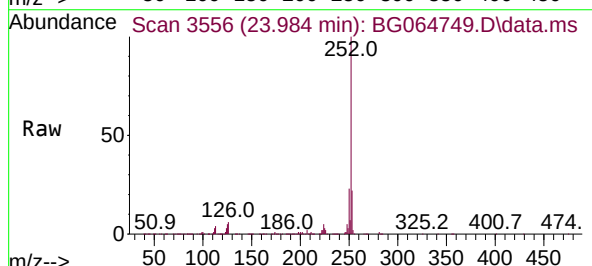
Manual Integrations
APPROVED

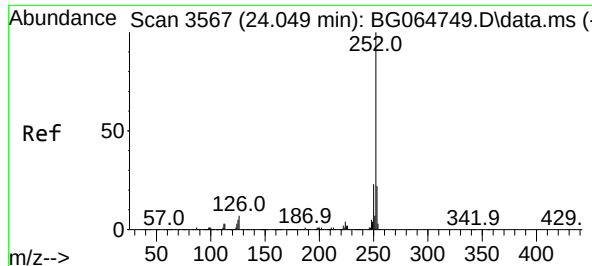
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025



#88
Benzo(b)fluoranthene
Concen: 40.559 ng
RT: 23.984 min Scan# 3556
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion: 252 Resp: 962053
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 5.2 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 39.075 ng

RT: 24.049 min Scan# 3567

Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

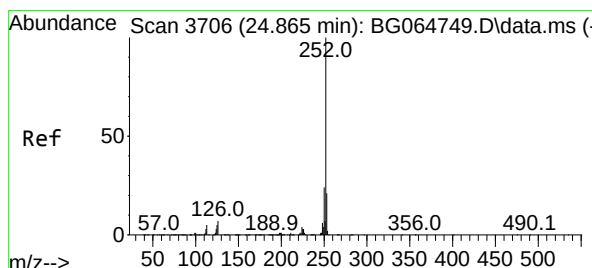
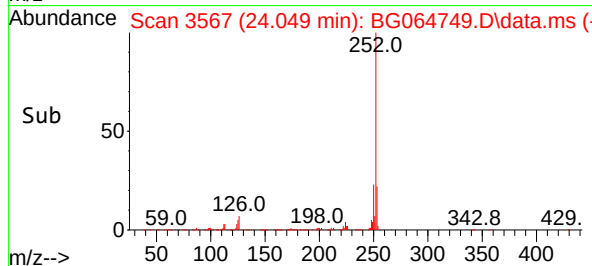
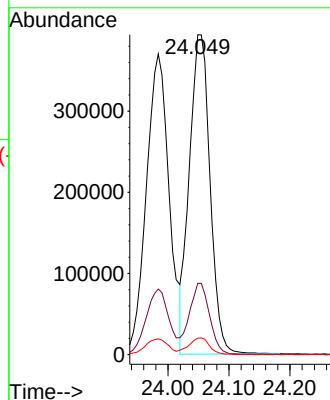
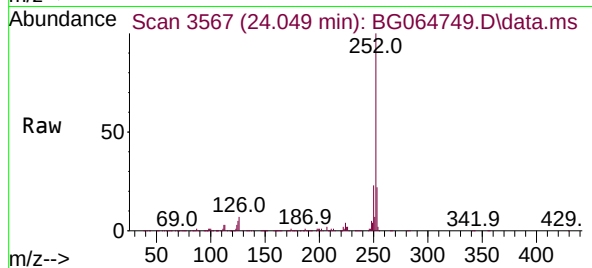
SSTDICCC040

Tgt Ion:	252	Resp:	931152
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	5.1	4.1	6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 40.357 ng

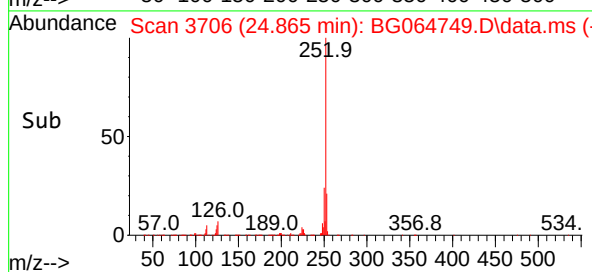
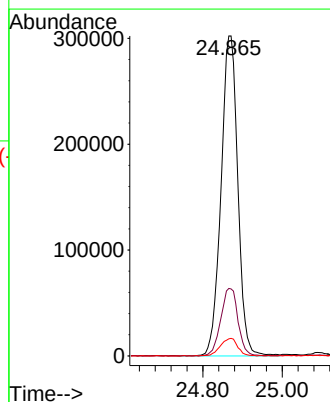
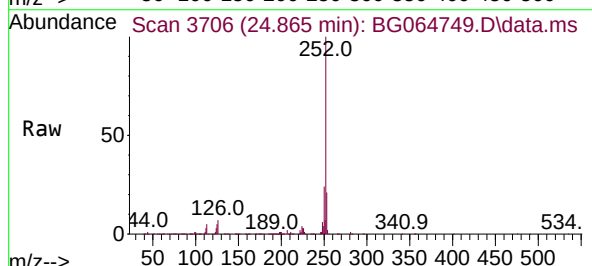
RT: 24.865 min Scan# 3706

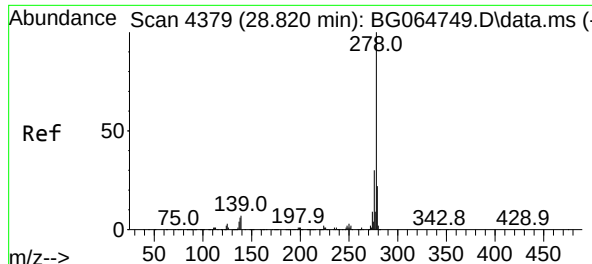
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

Tgt Ion:	252	Resp:	887984
Ion Ratio	Lower	Upper	
252	100		
253	21.1	16.9	25.3
125	5.3	4.2	6.4





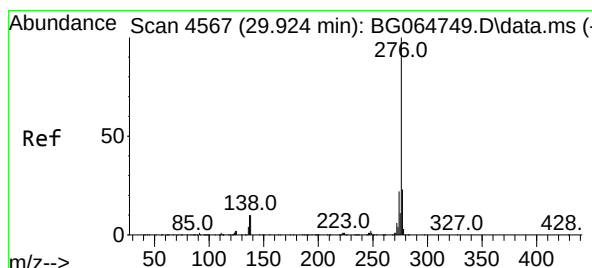
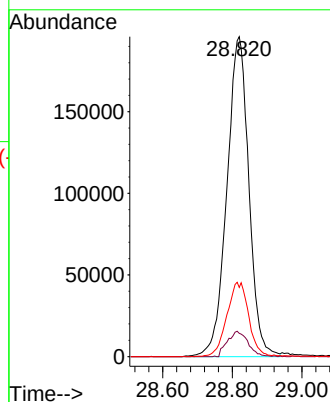
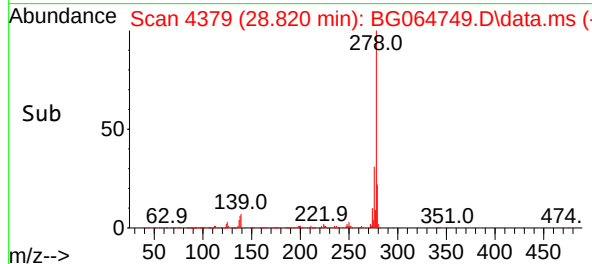
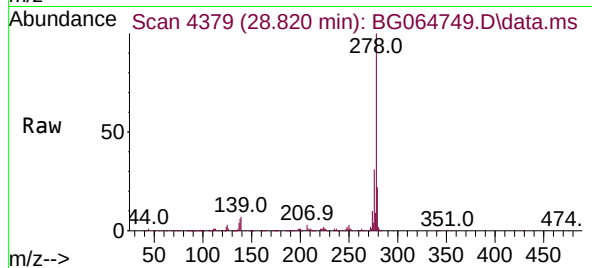
#91
Dibenzo(a,h)anthracene
Concen: 40.917 ng
RT: 28.820 min Scan# 4379
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 858362
Ion Ratio Lower Upper
278 100
139 7.3 5.8 8.8
279 21.6 17.3 25.9

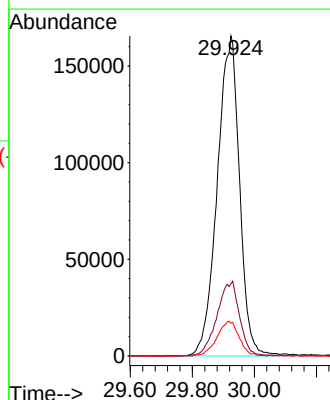
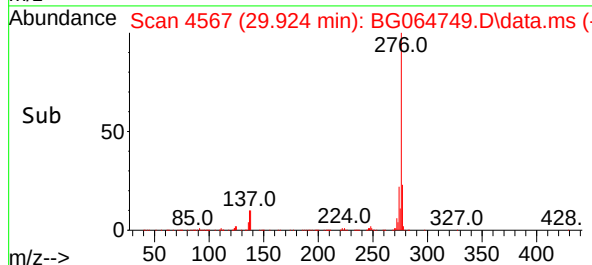
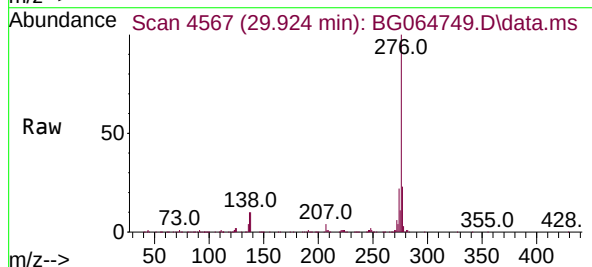
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 40.796 ng
RT: 29.924 min Scan# 4567
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Tgt Ion:276 Resp: 823658
Ion Ratio Lower Upper
276 100
277 22.5 18.0 27.0
138 10.2 8.2 12.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064750.D
 Acq On : 12 Nov 2025 14:41
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:58:03 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.171	152	31498	20.000	ng	# 0.00
21) Naphthalene-d8	10.985	136	128561	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	106438	20.000	ng	0.00
64) Phenanthrene-d10	17.507	188	274480	20.000	ng	0.00
76) Chrysene-d12	21.761	240	357345	20.000	ng	0.00
86) Perylene-d12	25.016	264	371257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	186004	103.119	ng	0.00
7) Phenol-d6	7.313	99	254548	106.101	ng	0.00
23) Nitrobenzene-d5	9.328	82	267372	102.828	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	211663	101.964	ng	0.00
45) 2-Fluorobiphenyl	13.412	172	744902	97.652	ng	0.00
79) Terphenyl-d14	20.092	244	1857392	102.245	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.529	88	35574	50.943	ng	Qvalue 98
3) Pyridine	3.946	79	106725	51.294	ng	98
4) n-Nitrosodimethylamine	3.853	42	54302	51.277	ng	99
6) Aniline	7.484	93	167371	52.339	ng	99
8) 2-Chlorophenol	7.724	128	103747	52.381	ng	98
9) Benzaldehyde	7.296	77	74755	47.601	ng	95
10) Phenol	7.337	94	139673	53.508	ng	98
11) bis(2-Chloroethyl)ether	7.572	93	96399	51.898	ng	95
12) 1,3-Dichlorobenzene	8.059	146	115482	50.671	ng	100
13) 1,4-Dichlorobenzene	8.200	146	116931	50.387	ng	99
14) 1,2-Dichlorobenzene	8.524	146	113910	50.623	ng	96
15) Benzyl Alcohol	8.400	79	105367	53.506	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.694	45	225281	51.240	ng	97
17) 2-Methylphenol	8.600	107	97154	52.602	ng	98
18) Hexachloroethane	9.264	117	43284	49.245	ng	98
19) n-Nitroso-di-n-propyla...	8.970	70	89646	55.264	ng	97
20) 3+4-Methylphenols	8.929	107	131483	51.964	ng	95
22) Acetophenone	8.988	105	178320	50.911	ng	# 96
24) Nitrobenzene	9.370	77	133911	50.970	ng	96
25) Isophorone	9.898	82	252330	50.959	ng	96
26) 2-Nitrophenol	10.086	139	62279	52.701	ng	94
27) 2,4-Dimethylphenol	10.139	122	107426	51.169	ng	97
28) bis(2-Chloroethoxy)met...	10.374	93	138748	51.040	ng	100
29) 2,4-Dichlorophenol	10.621	162	119188	52.879	ng	98
30) 1,2,4-Trichlorobenzene	10.844	180	134410	49.384	ng	95
31) Naphthalene	11.038	128	360779	49.504	ng	99
32) Benzoic acid	10.263	122	71126m	47.913	ng	
33) 4-Chloroaniline	11.132	127	151856	52.089	ng	97
34) Hexachlorobutadiene	11.326	225	114930	49.215	ng	96
35) Caprolactam	11.896	113	36692	54.473	ng	# 92
36) 4-Chloro-3-methylphenol	12.237	107	129260	51.523	ng	97
37) 2-Methylnaphthalene	12.625	142	273168	50.088	ng	99
38) 1-Methylnaphthalene	12.842	142	268378	49.540	ng	99
40) 1,2,4,5-Tetrachloroben...	12.989	216	201992	48.764	ng	98
41) Hexachlorocyclopentadiene	12.971	237	148300	49.948	ng	94
43) 2,4,6-Trichlorophenol	13.218	196	126206	51.912	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064750.D
 Acq On : 12 Nov 2025 14:41
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:58:03 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.289	196	138309	50.724	ng	96
46) 1,1'-Biphenyl	13.618	154	373911	48.911	ng	98
47) 2-Chloronaphthalene	13.665	162	296964	49.307	ng	98
48) 2-Nitroaniline	13.853	65	101905	52.606	ng	97
49) Acenaphthylene	14.499	152	513965	49.951	ng	98
50) Dimethylphthalate	14.223	163	420404	50.001	ng	100
51) 2,6-Dinitrotoluene	14.340	165	84245	52.071	ng	96
52) Acenaphthene	14.840	154	313277	50.780	ng	99
53) 3-Nitroaniline	14.663	138	85159	53.331	ng	94
54) 2,4-Dinitrophenol	14.869	184	50173	48.998	ng	91
55) Dibenzofuran	15.175	168	503441	49.360	ng	96
56) 4-Nitrophenol	14.957	139	68287	53.900	ng	92
57) 2,4-Dinitrotoluene	15.116	165	125592	51.779	ng	95
58) Fluorene	15.815	166	388983	48.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.392	232	142728	53.053	ng	97
60) Diethylphthalate	15.574	149	407694	50.617	ng	99
61) 4-Chlorophenyl-phenyle...	15.803	204	234740	48.897	ng	99
62) 4-Nitroaniline	15.827	138	89205	53.925	ng	91
63) Azobenzene	16.097	77	332609	49.648	ng	99
65) 4,6-Dinitro-2-methylph...	15.880	198	83106	54.533	ng	98
66) n-Nitrosodiphenylamine	16.015	169	356316	49.560	ng	100
67) 4-Bromophenyl-phenylether	16.696	248	177607	49.273	ng	95
68) Hexachlorobenzene	16.820	284	218143	49.952	ng	95
69) Atrazine	16.949	200	173976	50.190	ng	99
70) Pentachlorophenol	17.155	266	121224	49.449	ng	94
71) Phenanthrene	17.548	178	741474	49.373	ng	99
72) Anthracene	17.642	178	754273	49.256	ng	99
73) Carbazole	17.901	167	647451	49.183	ng	99
74) Di-n-butylphthalate	18.453	149	738268	50.268	ng	100
75) Fluoranthene	19.540	202	1002435	48.814	ng	99
77) Benzidine	19.710	184	551983	51.578	ng	98
78) Pyrene	19.904	202	1040032	51.930	ng	98
80) Butylbenzylphthalate	20.774	149	360898	51.231	ng	95
81) Benzo(a)anthracene	21.737	228	1212620	49.906	ng	99
82) 3,3'-Dichlorobenzidine	21.643	252	452926	50.644	ng	99
83) Chrysene	21.808	228	1131589	49.398	ng	99
84) Bis(2-ethylhexyl)phtha...	21.638	149	509870	49.532	ng	99
85) Di-n-octyl phthalate	22.866	149	878300	49.360	ng	100
87) Indeno(1,2,3-cd)pyrene	28.759	276	1303237	51.094	ng	# 96
88) Benzo(b)fluoranthene	23.982	252	1186948	50.239	ng	100
89) Benzo(k)fluoranthene	24.052	252	1187020	50.009	ng	100
90) Benzo(a)pyrene	24.869	252	1096687	50.040	ng	99
91) Dibenzo(a,h)anthracene	28.817	278	1071866	51.297	ng	97
92) Benzo(g,h,i)perylene	29.922	276	1028630	51.150	ng	97

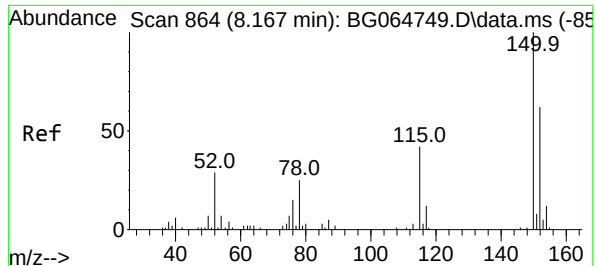
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

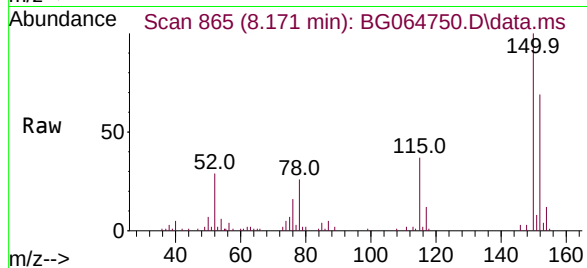
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.171 min Scan# 864
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

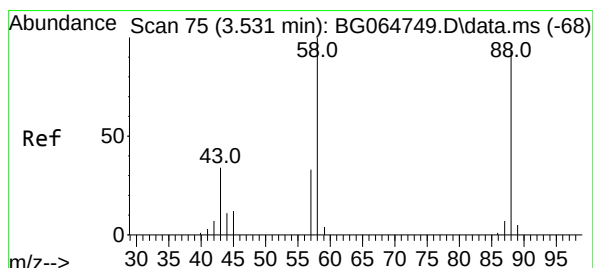
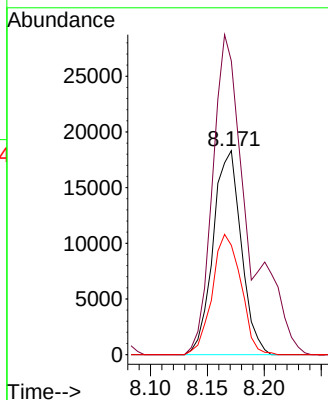
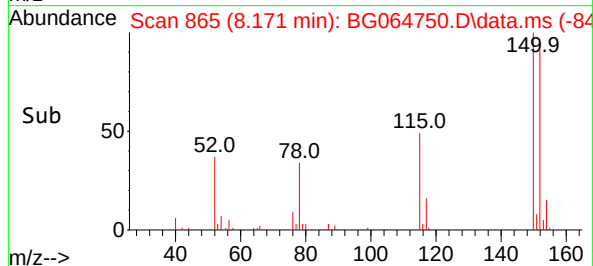
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 152 Resp: 31498
Ion Ratio Lower Upper
152 100
150 144.0 129.2 193.8
115 53.6 53.7 80.5

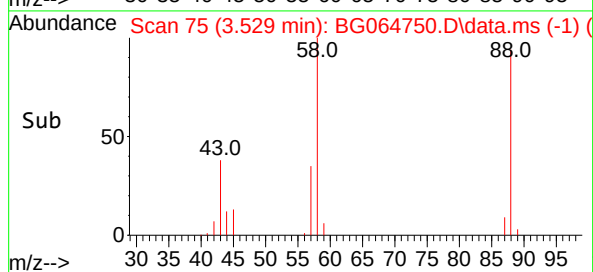
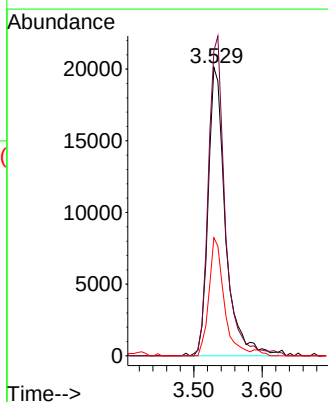
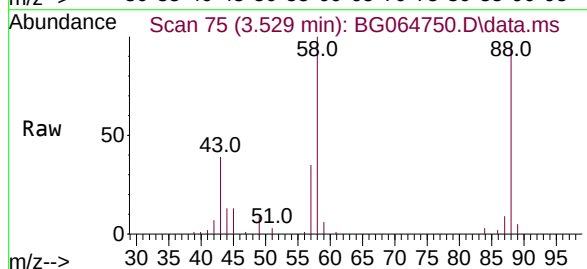
Manual Integrations
APPROVED

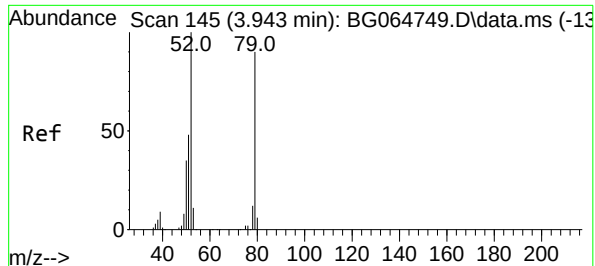
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 50.943 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

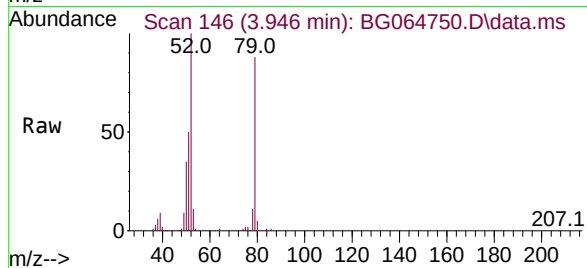
Tgt Ion: 88 Resp: 35574
Ion Ratio Lower Upper
88 100
58 107.0 84.6 126.8
43 35.8 30.0 45.0





#3
Pyridine
Concen: 51.294 ng
RT: 3.946 min Scan# 14
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

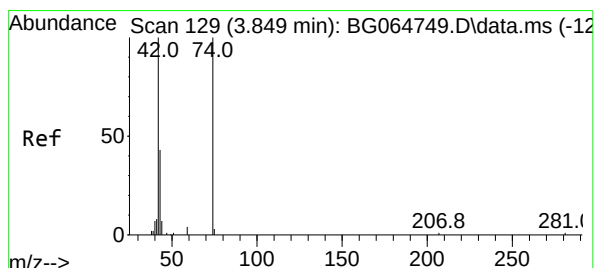
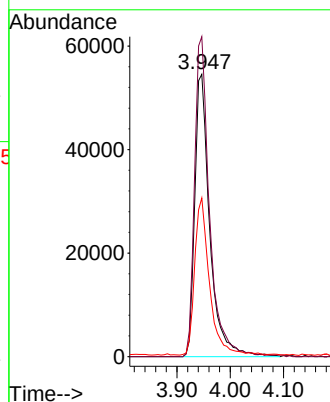
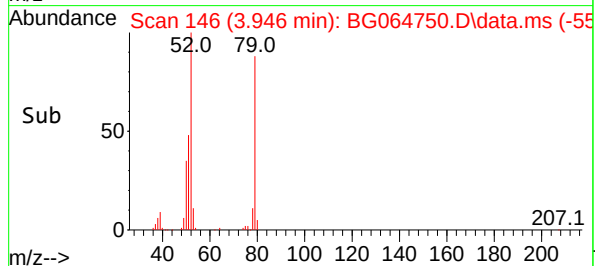
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 106725
Ion Ratio Lower Upper
79 100
52 113.3 89.0 133.4
51 56.2 43.4 65.0

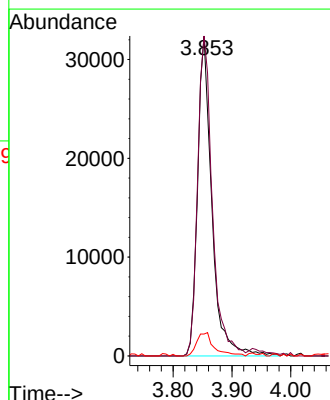
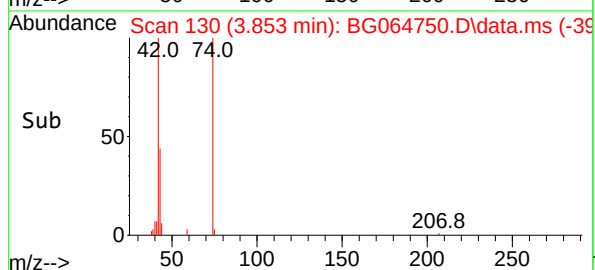
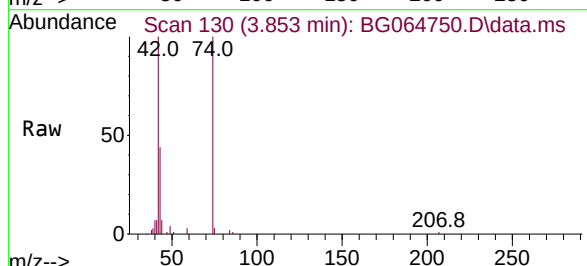
Manual Integrations
APPROVED

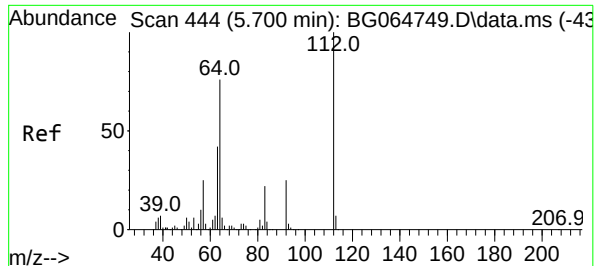
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 51.277 ng
RT: 3.853 min Scan# 130
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

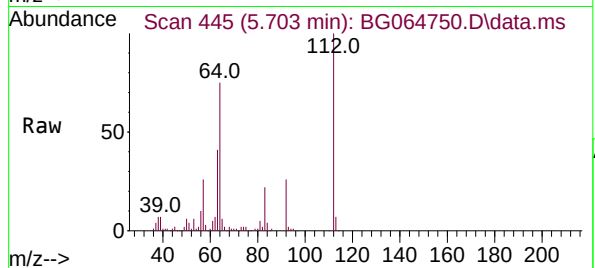
Tgt Ion: 42 Resp: 54302
Ion Ratio Lower Upper
42 100
74 100.1 79.8 119.6
44 6.8 5.9 8.9





#5
2-Fluorophenol
Concen: 103.119 ng
RT: 5.703 min Scan# 444
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

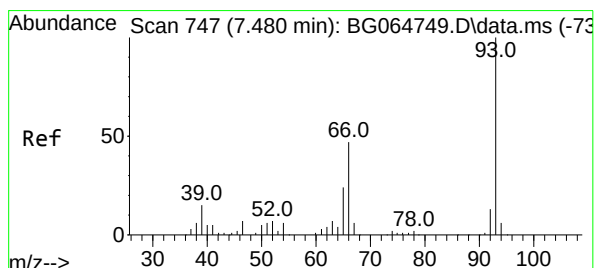
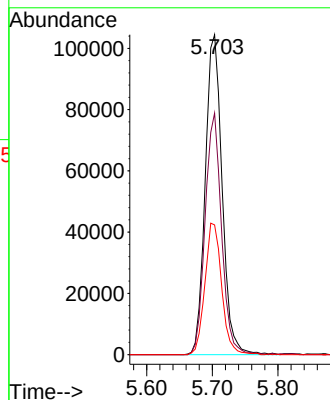
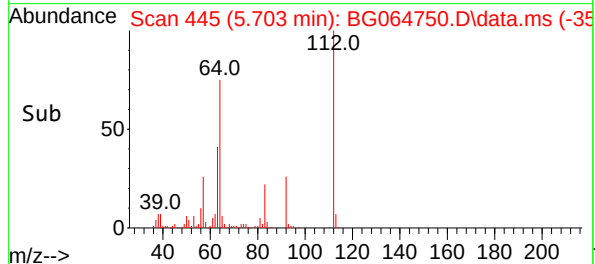
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 112 Resp: 186004
Ion Ratio Lower Upper
112 100
64 75.5 61.0 91.4
63 40.5 33.3 49.9

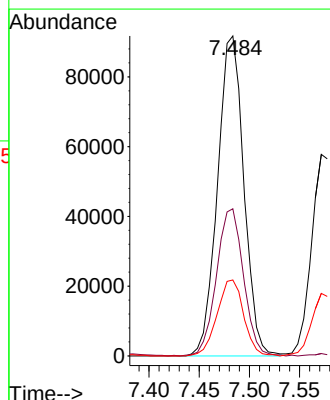
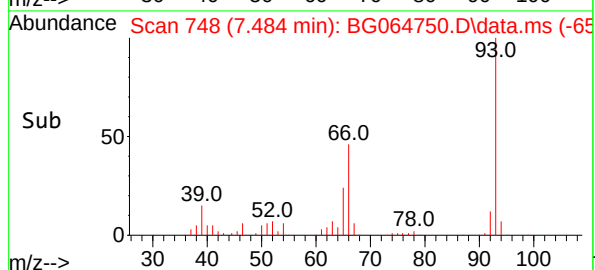
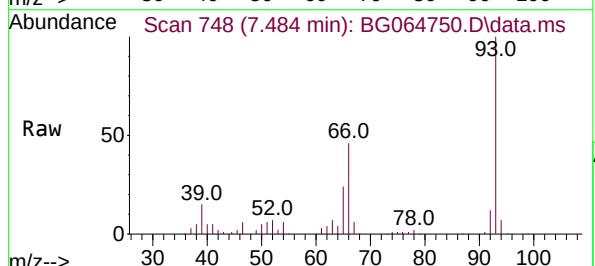
Manual Integrations
APPROVED

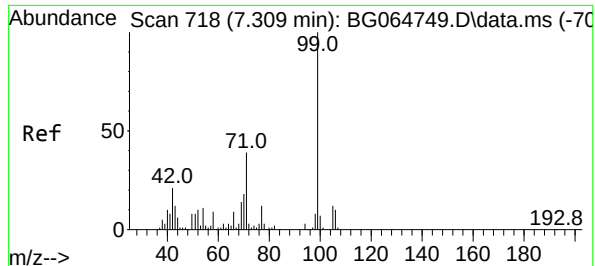
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 52.339 ng
RT: 7.484 min Scan# 748
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

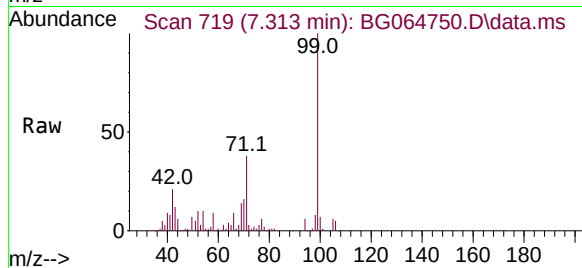
Tgt Ion: 93 Resp: 167371
Ion Ratio Lower Upper
93 100
66 46.0 37.7 56.5
65 23.7 19.1 28.7





#7
Phenol-d6
Concen: 106.101 ng
RT: 7.313 min Scan# 718
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

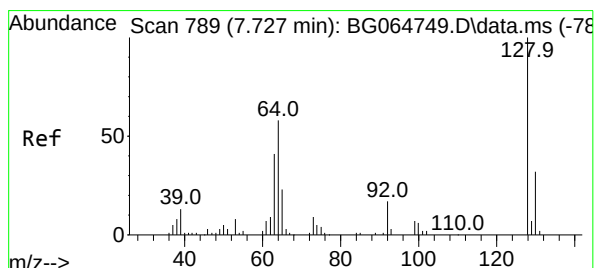
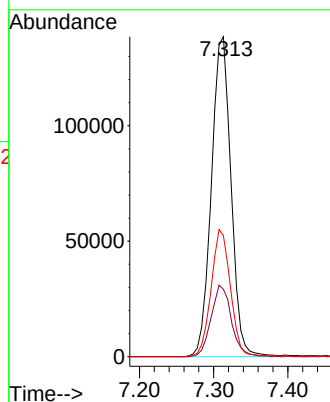
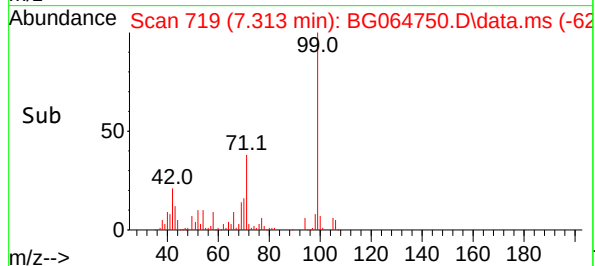
Instrument :
BNA_G
Client Sample Id :
SSTDICC050



Tgt Ion: 99 Resp: 254548
Ion Ratio Lower Upper
99 100
42 21.0 16.8 25.2
71 37.8 31.1 46.7

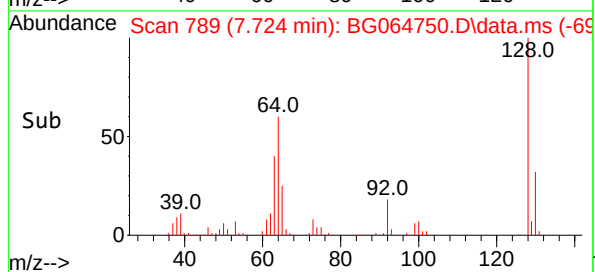
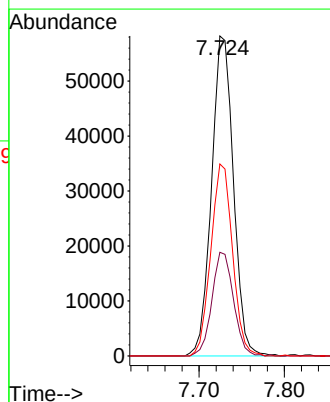
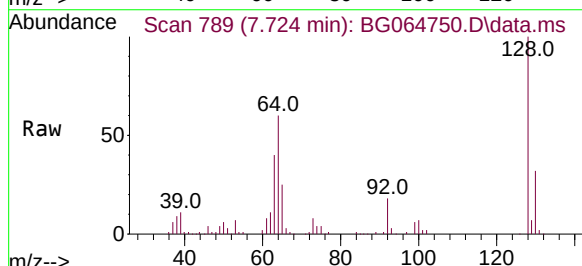
Manual Integrations
APPROVED

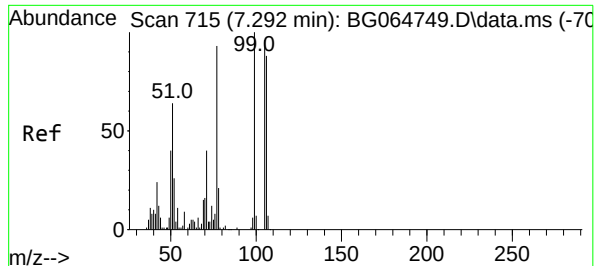
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#8
2-Chlorophenol
Concen: 52.381 ng
RT: 7.724 min Scan# 789
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

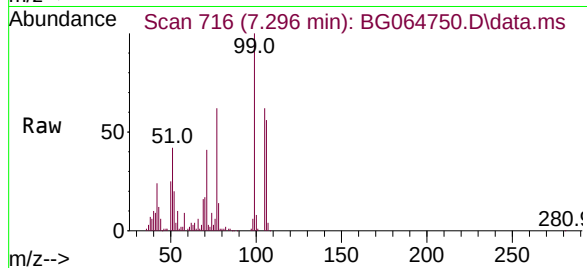
Tgt Ion:128 Resp: 103747
Ion Ratio Lower Upper
128 100
130 32.4 11.9 51.9
64 60.0 38.4 78.4





#9
Benzaldehyde
Concen: 47.601 ng
RT: 7.296 min Scan# 715
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

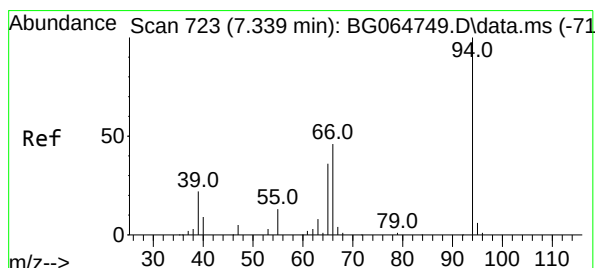
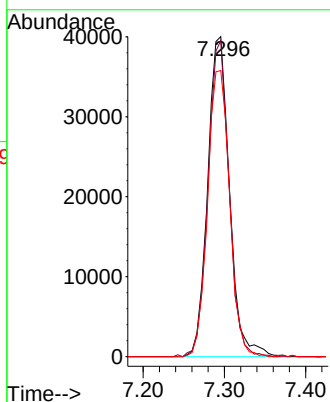
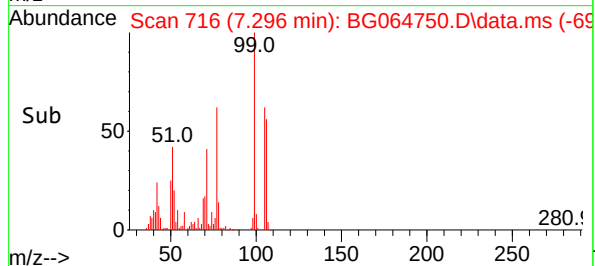
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 74755
Ion Ratio Lower Upper
77 100
105 98.7 83.8 123.8
106 89.4 74.3 114.3

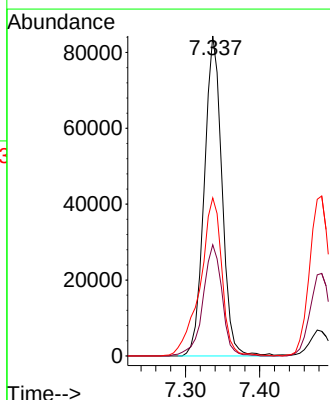
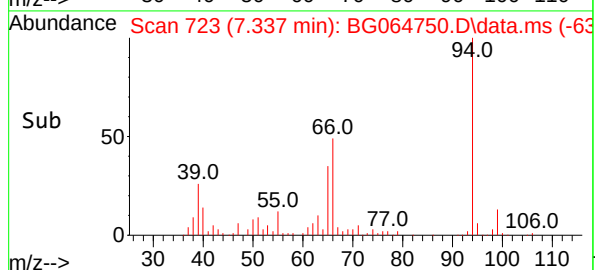
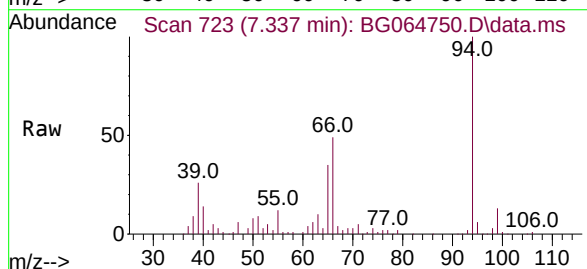
Manual Integrations
APPROVED

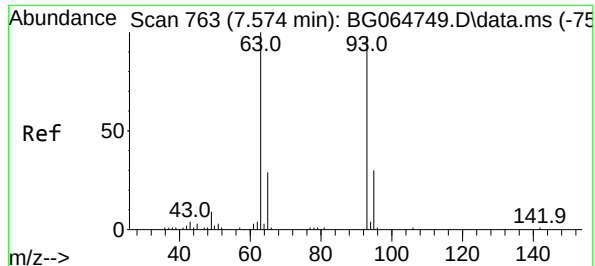
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#10
Phenol
Concen: 53.508 ng
RT: 7.337 min Scan# 723
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 94 Resp: 139673
Ion Ratio Lower Upper
94 100
65 34.7 17.0 57.0
66 49.4 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 51.898 ng

RT: 7.572 min Scan# 70

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

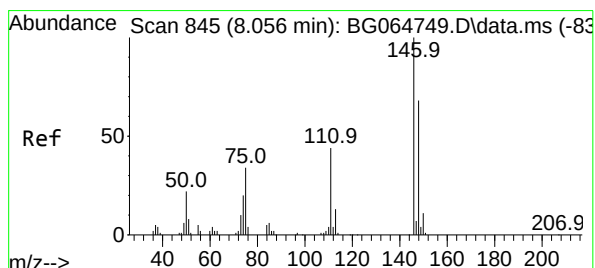
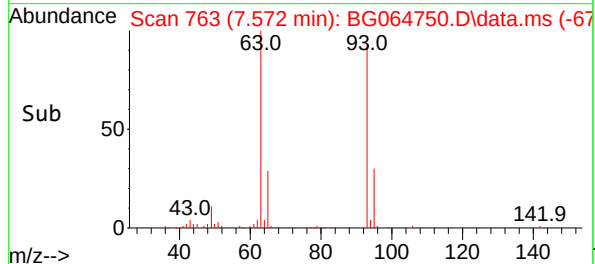
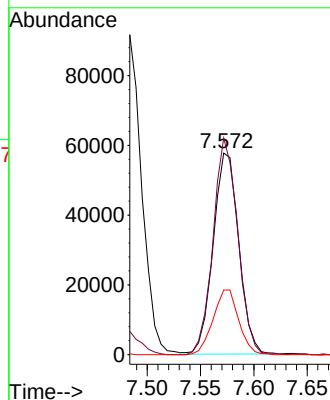
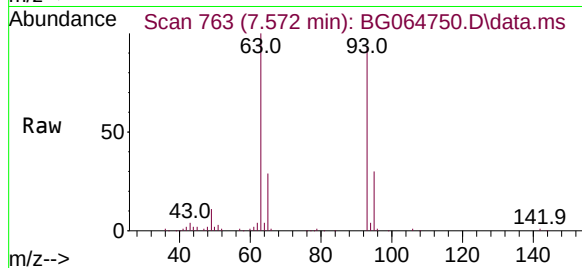
ClientSampleId :

SSTDICC050

Tgt Ion:	93	Resp:	96399
Ion	Ratio	Lower	Upper
93	100		
63	107.5	81.8	121.8
95	32.0	10.3	50.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 50.671 ng

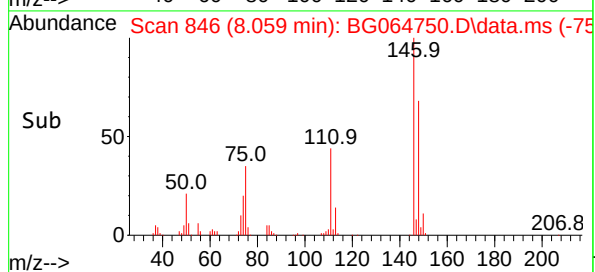
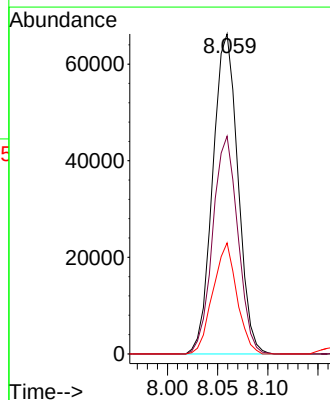
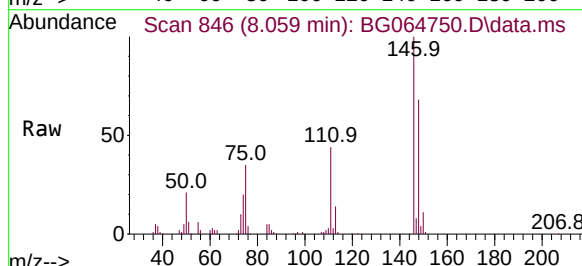
RT: 8.059 min Scan# 846

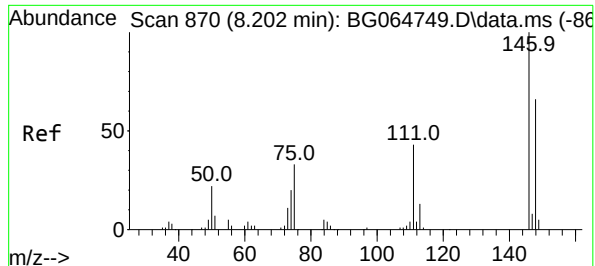
Delta R.T. 0.004 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Tgt Ion:	146	Resp:	115482
Ion	Ratio	Lower	Upper
146	100		
148	68.0	54.6	82.0
75	34.7	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 50.387 ng

RT: 8.200 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 11693

Ion Ratio Lower Upper

146 100

148 66.4 53.1 79.7

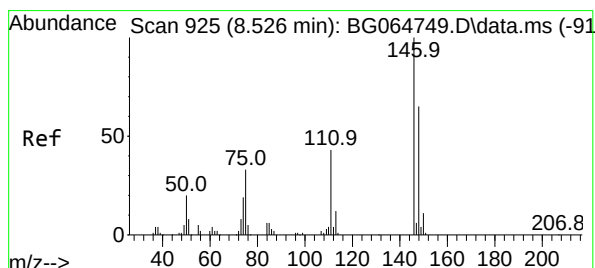
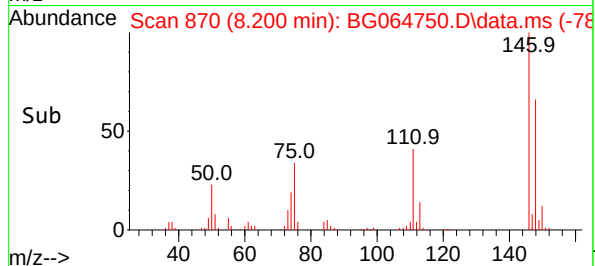
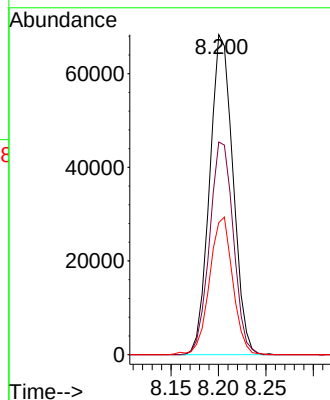
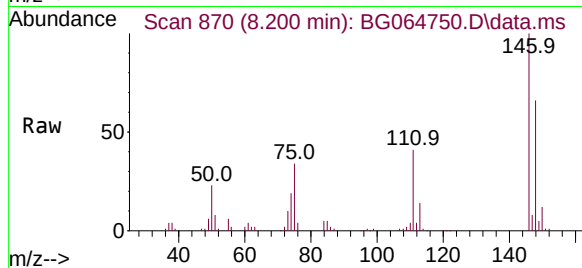
111 41.2 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 50.623 ng

RT: 8.524 min Scan# 925

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

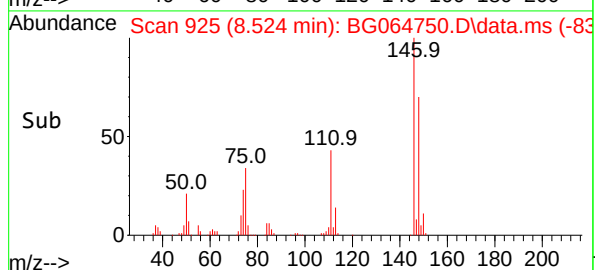
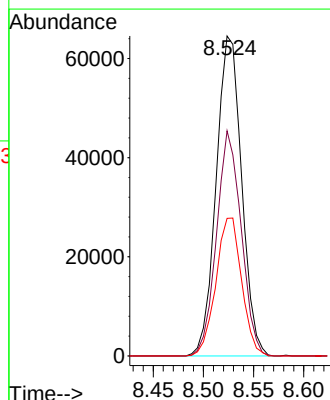
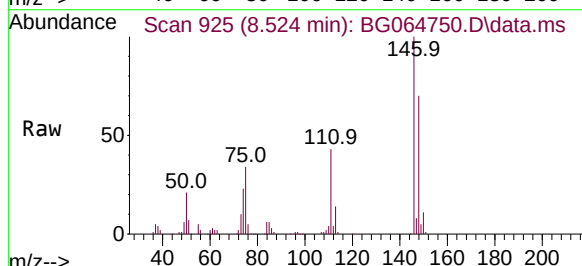
Tgt Ion:146 Resp: 113910

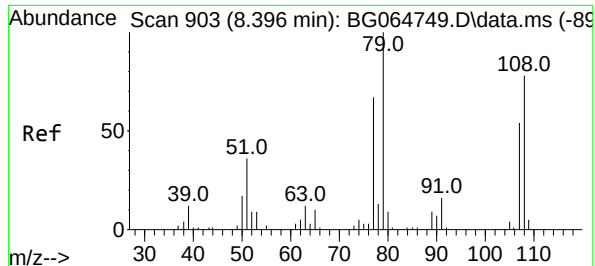
Ion Ratio Lower Upper

146 100

148 70.3 52.0 78.0

111 43.0 34.7 52.1





#15

Benzyl Alcohol

Concen: 53.506 ng

RT: 8.400 min Scan# 904

Delta R.T. 0.004 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 105362

Ion Ratio Lower Upper

79 100

108 69.5 62.3 93.5

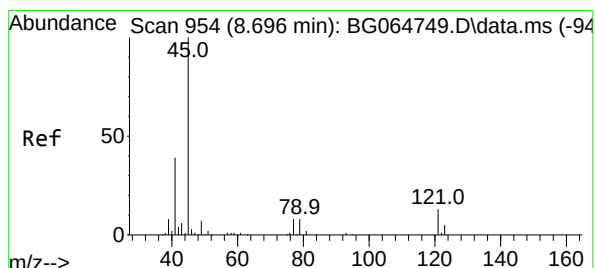
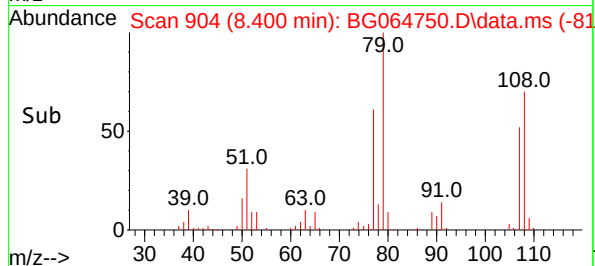
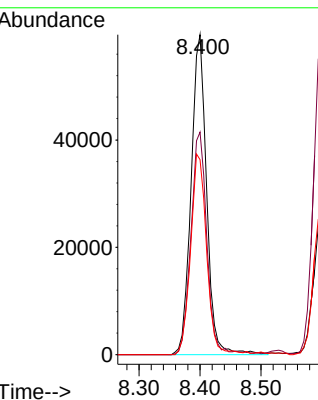
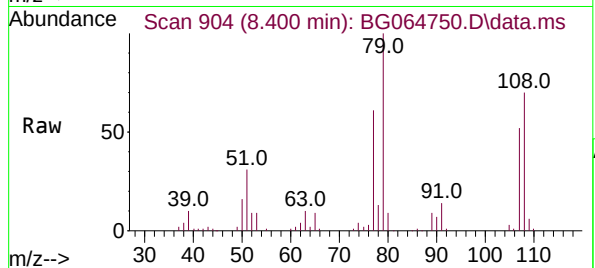
77 60.9 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.240 ng

RT: 8.694 min Scan# 954

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

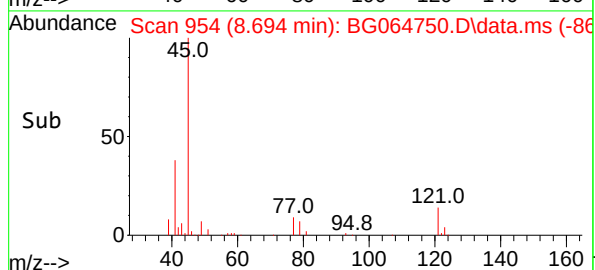
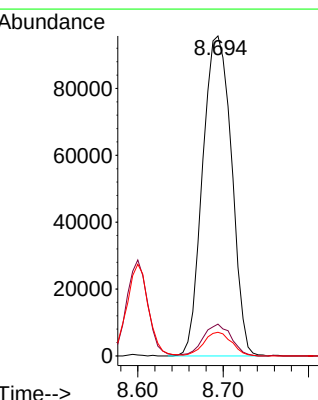
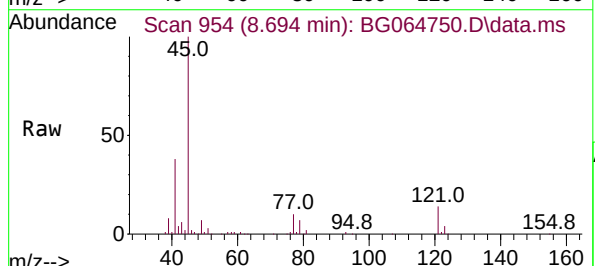
Tgt Ion: 45 Resp: 225281

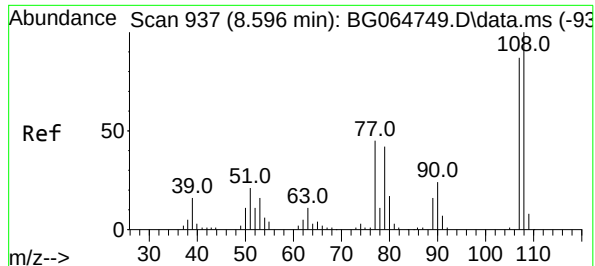
Ion Ratio Lower Upper

45 100

77 9.9 0.0 28.8

79 7.4 0.0 28.1





#17

2-Methylphenol

Concen: 52.602 ng

RT: 8.600 min Scan# 937

Delta R.T. 0.004 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

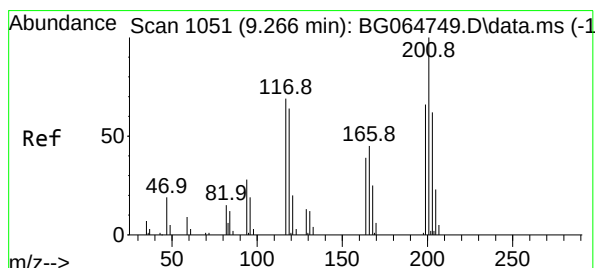
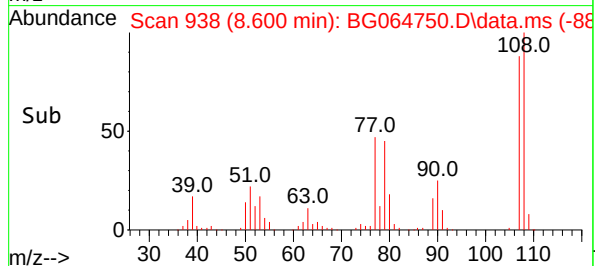
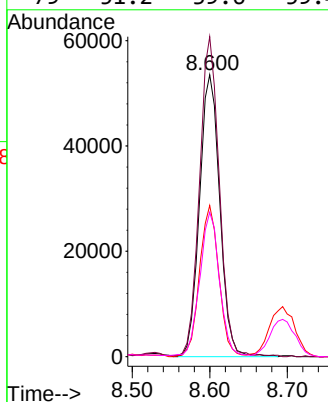
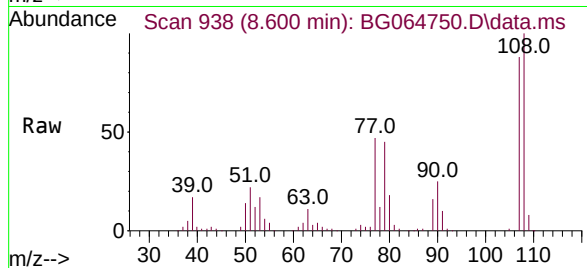
SSTDICC050

Tgt Ion:	107	Resp:	97154
Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.6	138.8
77	53.6	41.2	61.8
79	51.2	39.6	59.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 49.245 ng

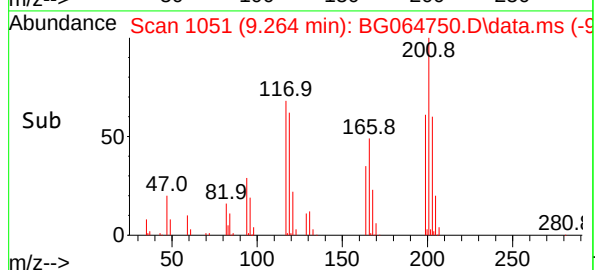
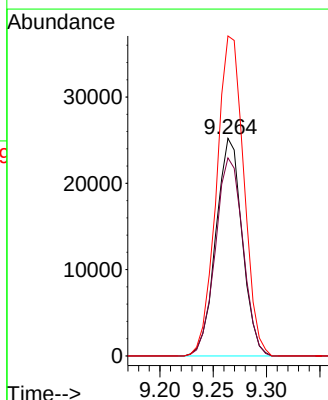
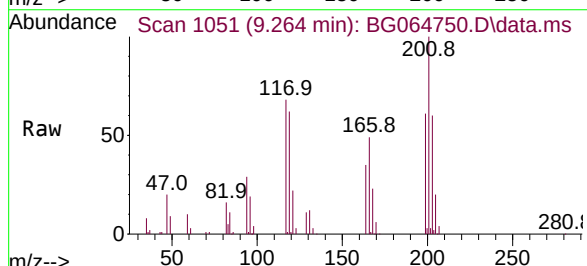
RT: 9.264 min Scan# 1051

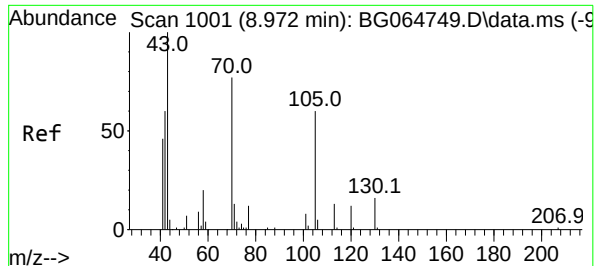
Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Tgt Ion:	117	Resp:	43284
Ion	Ratio	Lower	Upper
117	100		
119	89.5	74.4	111.6
201	144.6	116.5	174.7





#19

n-Nitroso-di-n-propylamine

Concen: 55.264 ng

RT: 8.970 min Scan# 1001

Delta R.T. -0.002 min

Lab File: BG064750.D

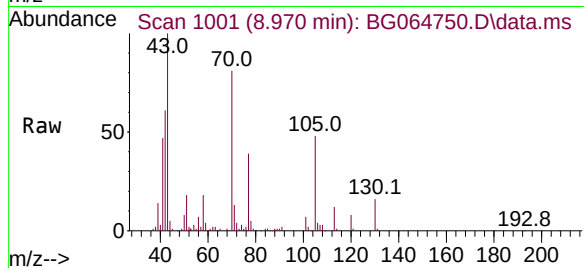
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion: 70 Resp: 89646

Ion Ratio Lower Upper

70 100

42 75.1 62.6 93.8

101 8.3 8.0 12.0

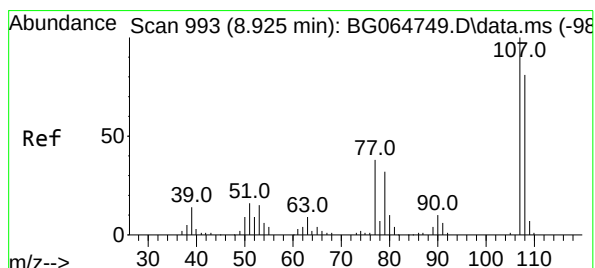
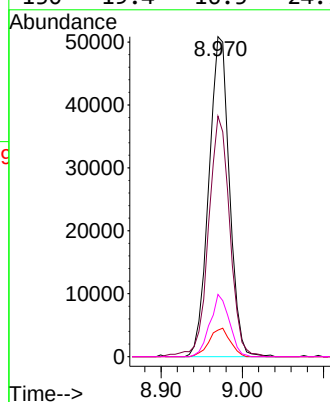
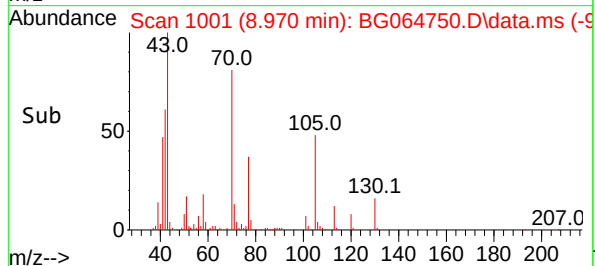
130 19.4 16.5 24.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 51.964 ng

RT: 8.929 min Scan# 994

Delta R.T. 0.004 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Tgt Ion:107 Resp: 131483

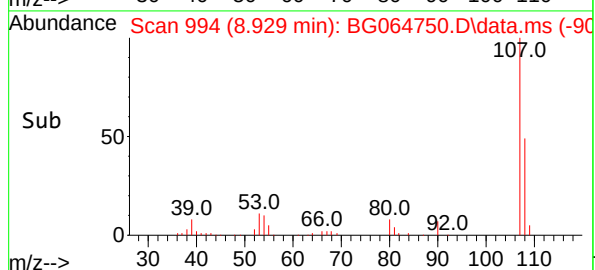
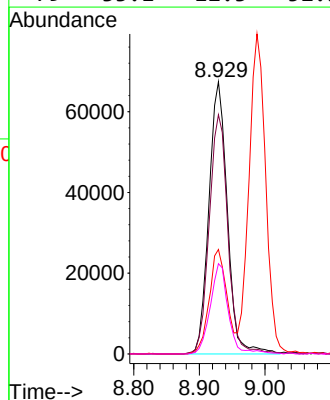
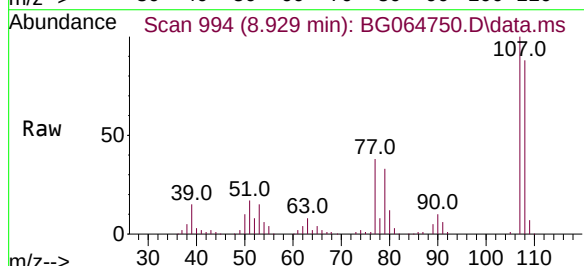
Ion Ratio Lower Upper

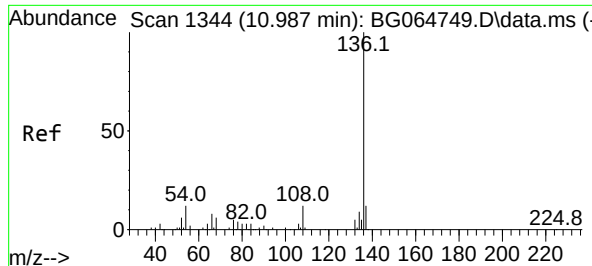
107 100

108 87.9 61.0 101.0

77 38.3 17.6 57.6

79 33.1 12.3 52.3





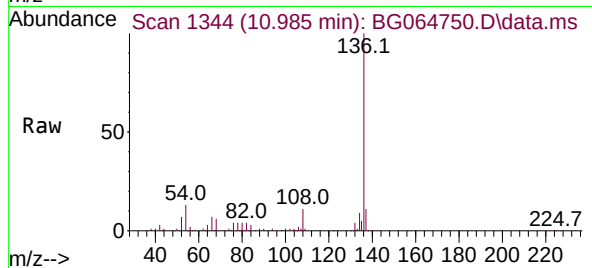
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

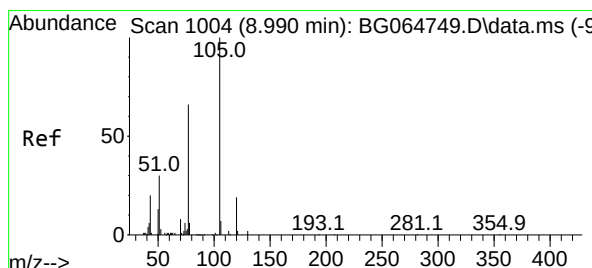
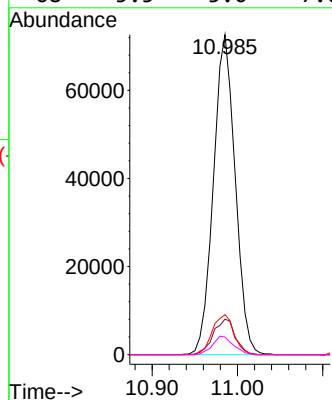
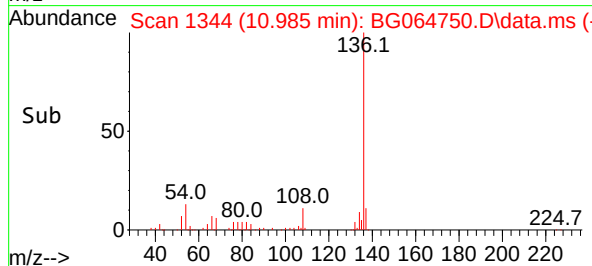
SSTDICC050



Tgt Ion:136 Resp: 128561
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 12.5 9.3 13.9
68 5.5 5.0 7.6

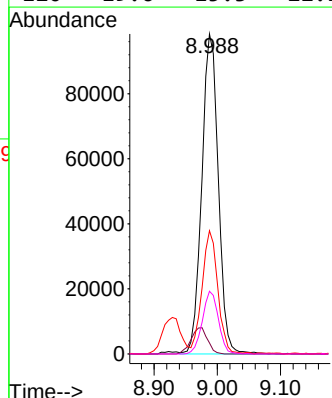
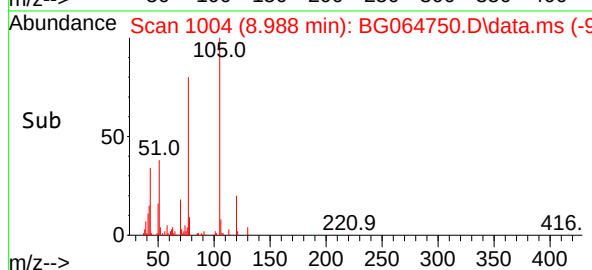
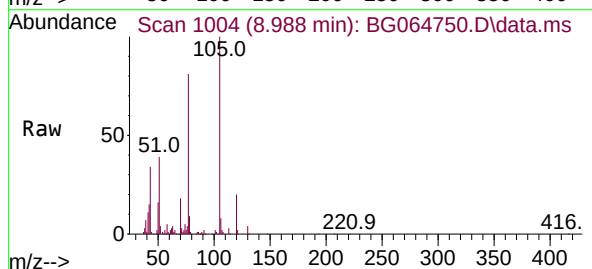
Manual Integrations
APPROVED

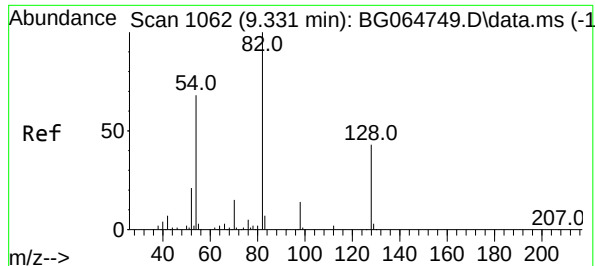
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 50.911 ng
RT: 8.988 min Scan# 1004
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:105 Resp: 178320
Ion Ratio Lower Upper
105 100
71 3.4 1.3 1.9#
51 38.5 27.9 41.9
120 19.6 15.3 22.9





#23

Nitrobenzene-d5

Concen: 102.828 ng

RT: 9.328 min Scan# 1062

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 267372

Ion Ratio Lower Upper

82 100

128 41.0 34.1 51.1

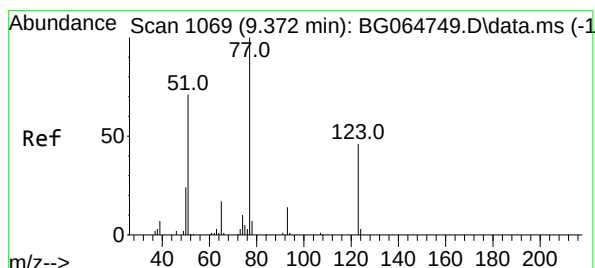
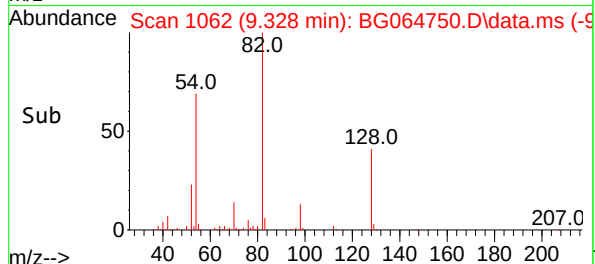
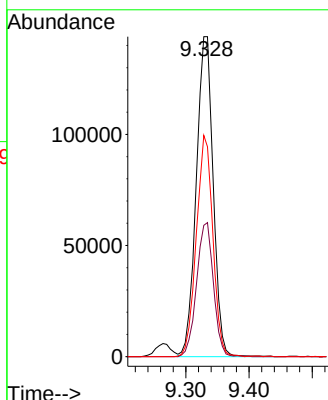
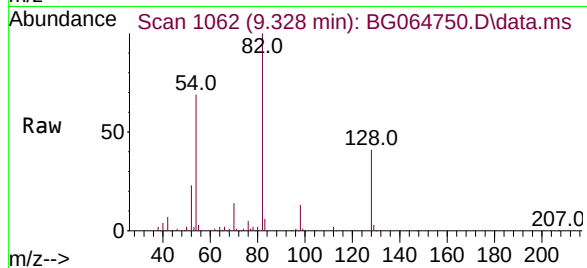
54 69.1 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 50.970 ng

RT: 9.370 min Scan# 1069

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

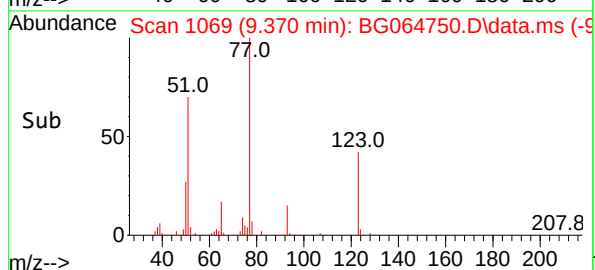
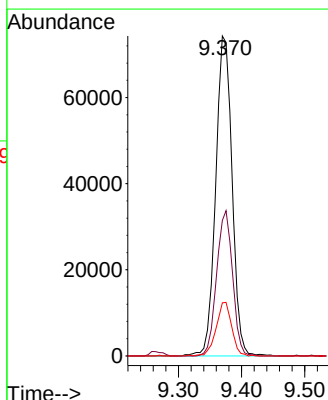
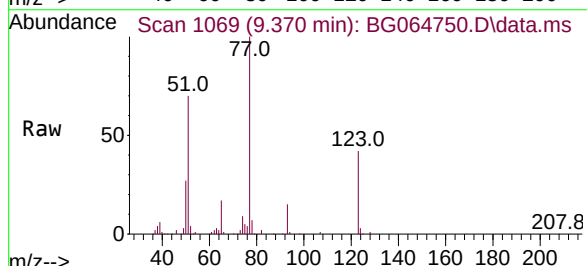
Tgt Ion: 77 Resp: 133911

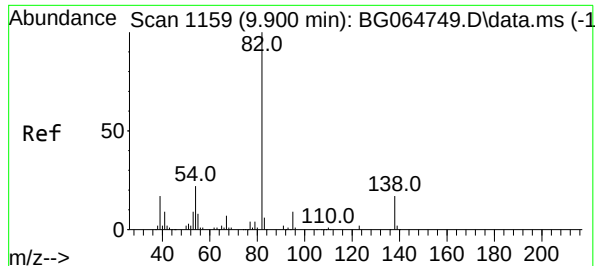
Ion Ratio Lower Upper

77 100

123 42.3 36.5 54.7

65 16.6 13.5 20.3





#25

Isophorone

Concen: 50.959 ng

RT: 9.898 min Scan# 1159

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

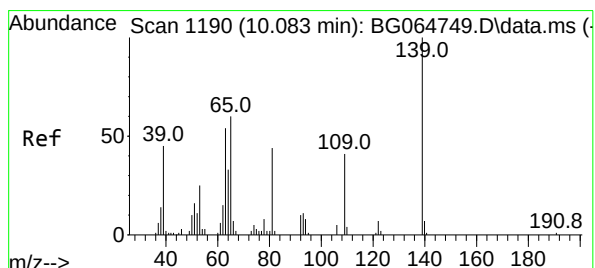
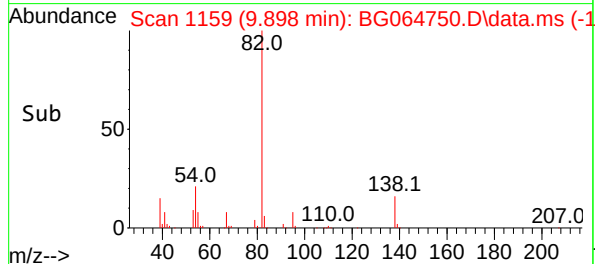
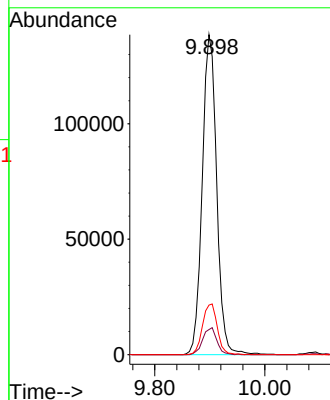
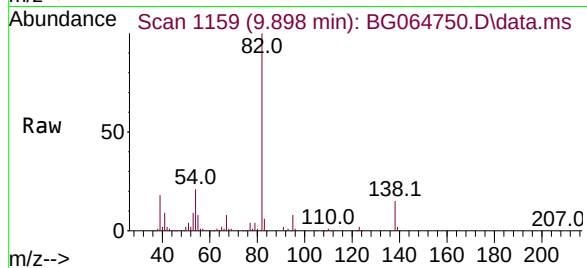
SSTDICC050

Tgt Ion:	82	Resp:	252330
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.9	10.3
138	15.5	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26

2-Nitrophenol

Concen: 52.701 ng

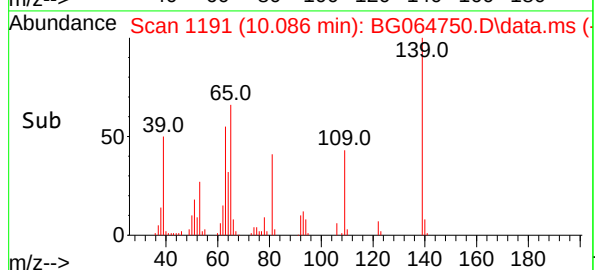
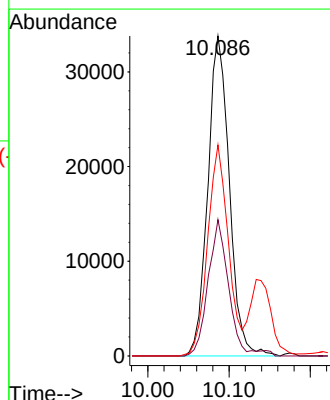
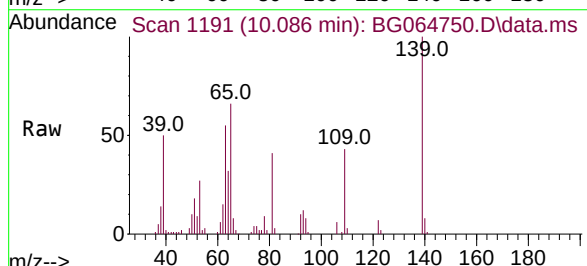
RT: 10.086 min Scan# 1191

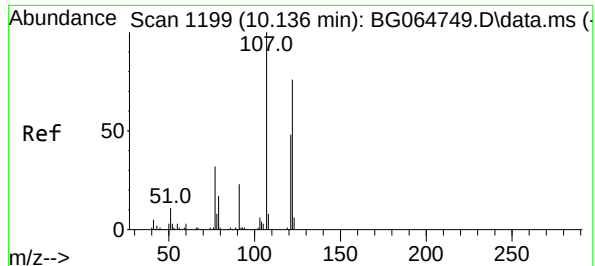
Delta R.T. 0.004 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

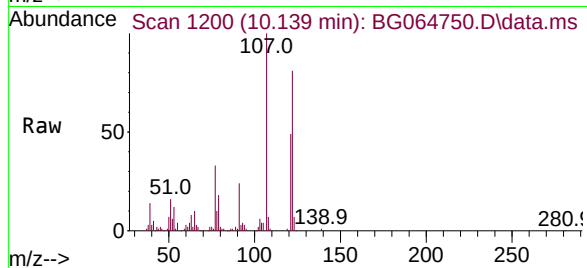
Tgt Ion:	139	Resp:	62279
Ion	Ratio	Lower	Upper
139	100		
109	42.6	32.5	48.7
65	65.9	47.6	71.4





#27
2,4-Dimethylphenol
Concen: 51.169 ng
RT: 10.139 min Scan# 1199
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

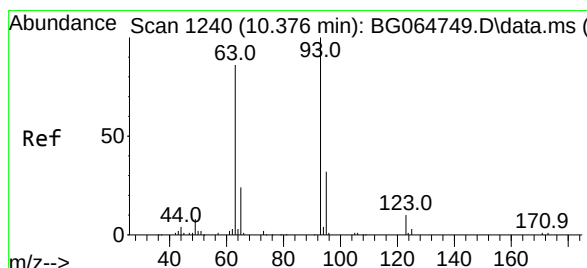
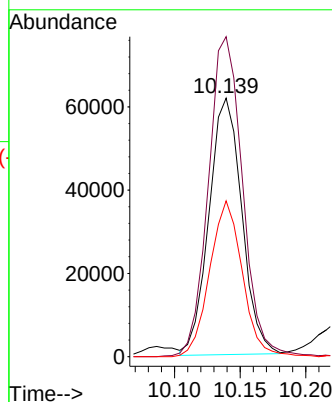
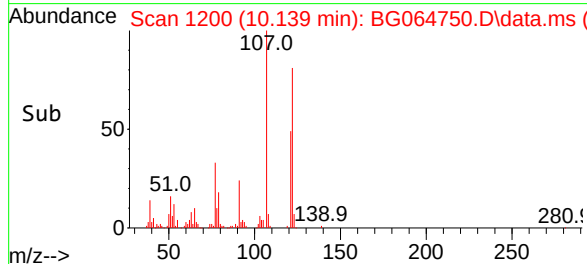
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 107426
Ion Ratio Lower Upper
122 100
107 123.8 102.5 153.7
121 60.3 49.0 73.6

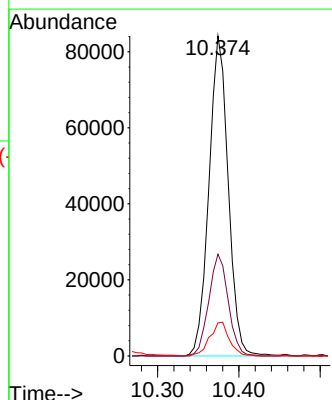
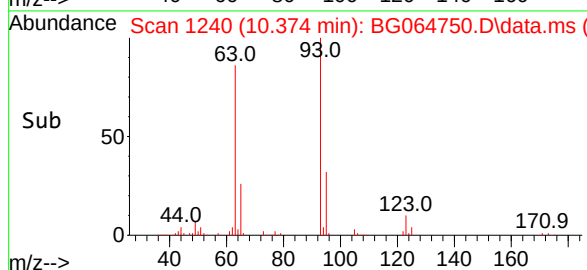
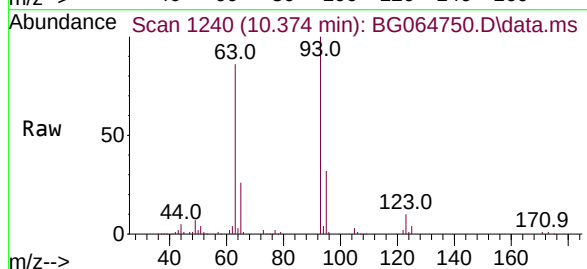
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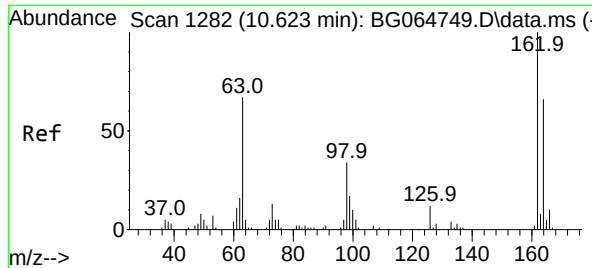
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 51.040 ng
RT: 10.374 min Scan# 1240
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion: 93 Resp: 138748
Ion Ratio Lower Upper
93 100
95 31.8 25.4 38.2
123 10.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 52.879 ng

RT: 10.621 min Scan# 1282

Delta R.T. -0.002 min

Lab File: BG064750.D

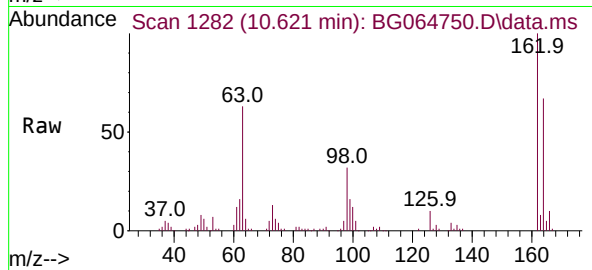
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

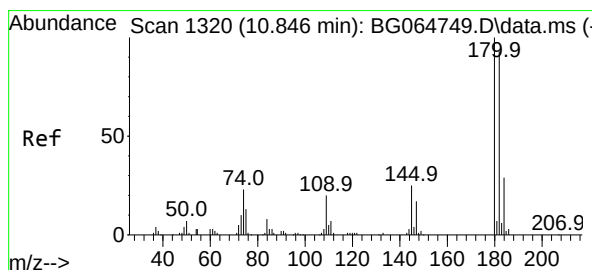
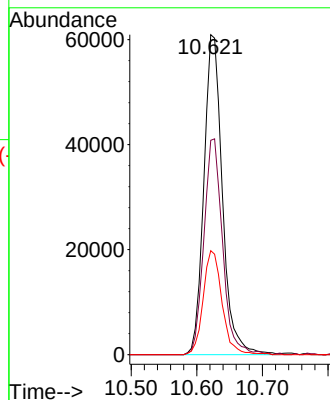
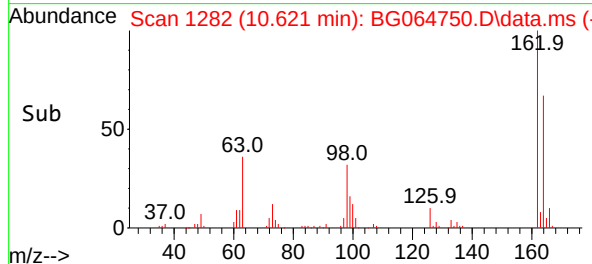


Tgt Ion:	162	Resp:	119188
Ion Ratio	Lower	Upper	
162	100		
164	67.0	46.0	86.0
98	32.5	14.2	54.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

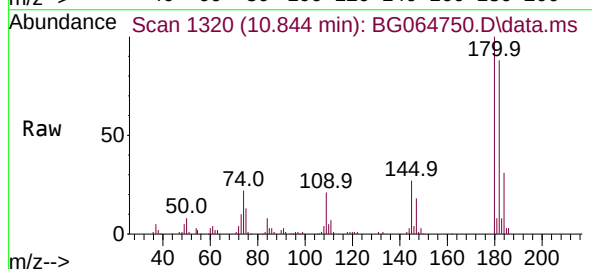
Concen: 49.384 ng

RT: 10.844 min Scan# 1320

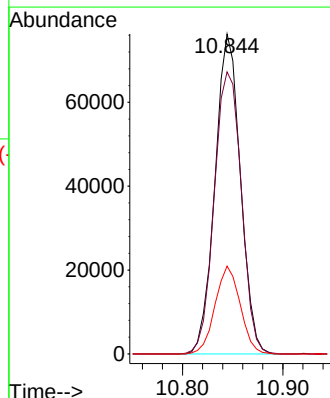
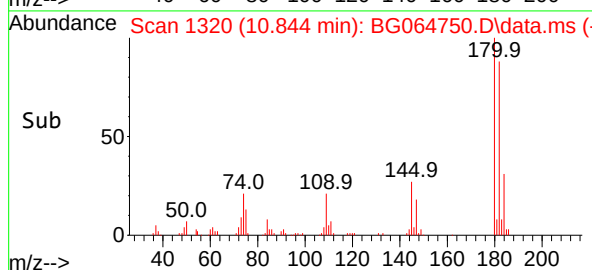
Delta R.T. -0.002 min

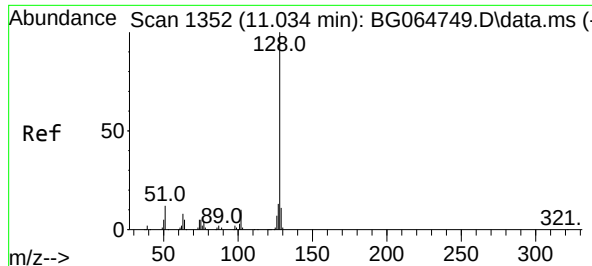
Lab File: BG064750.D

Acq: 12 Nov 2025 14:41



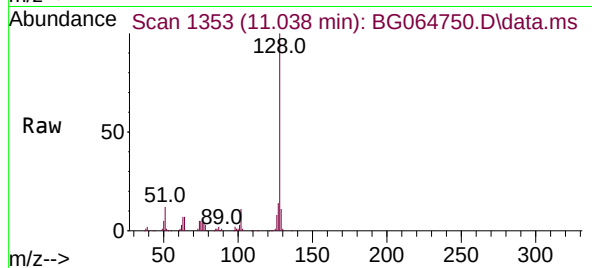
Tgt Ion:	180	Resp:	134410
Ion Ratio	Lower	Upper	
180	100		
182	88.1	74.2	111.4
145	27.4	20.0	30.0





#31
Naphthalene
Concen: 49.504 ng
RT: 11.038 min Scan# 1352
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

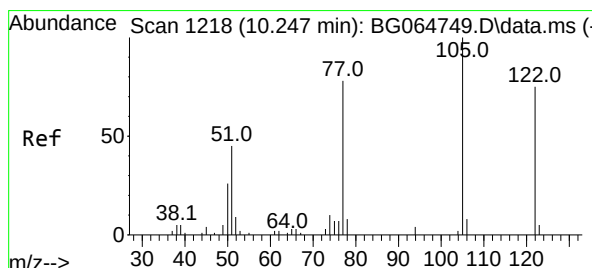
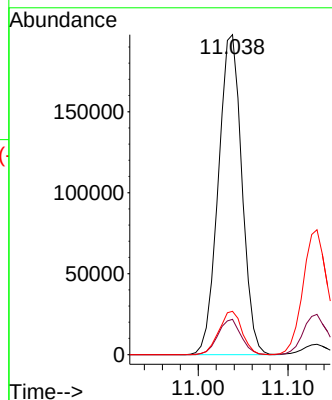
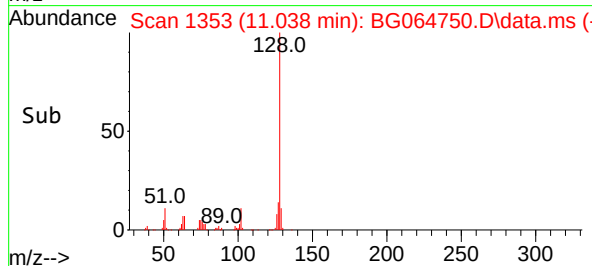
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



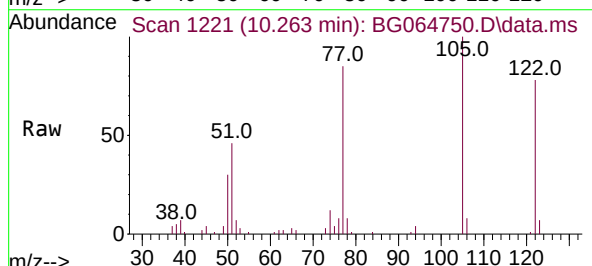
Tgt Ion:128 Resp: 360779
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.5 10.6 16.0

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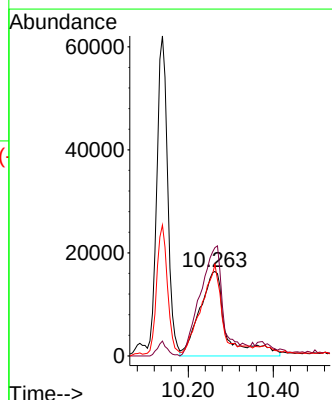
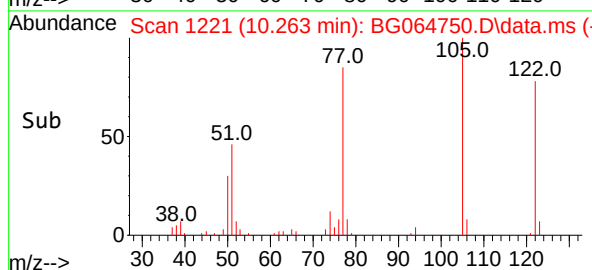
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

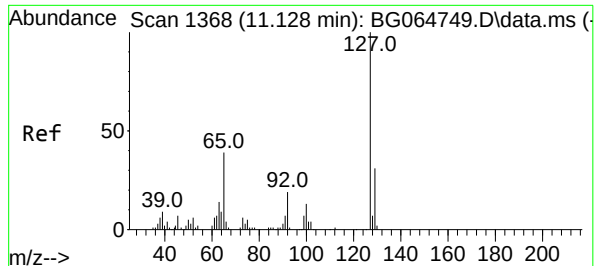


#32
Benzoic acid
Concen: 47.913 ng m
RT: 10.263 min Scan# 1221
Delta R.T. 0.016 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



Tgt Ion:122 Resp: 71126
Ion Ratio Lower Upper
122 100
105 128.2 107.6 147.6
77 108.4 82.5 122.5





#33
4-Chloroaniline
Concen: 52.089 ng
RT: 11.132 min Scan# 1368
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

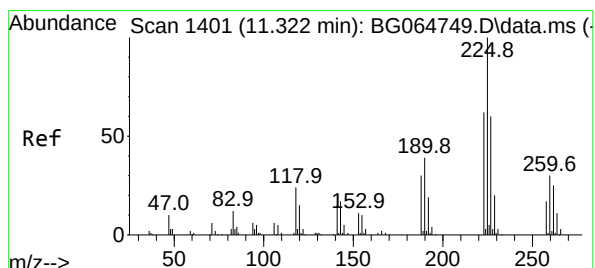
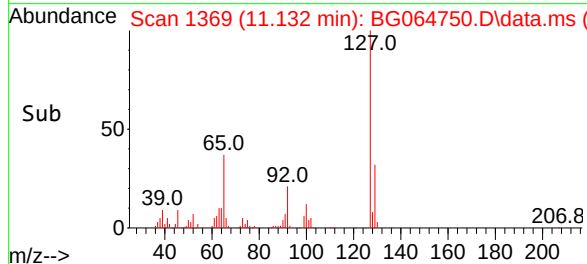
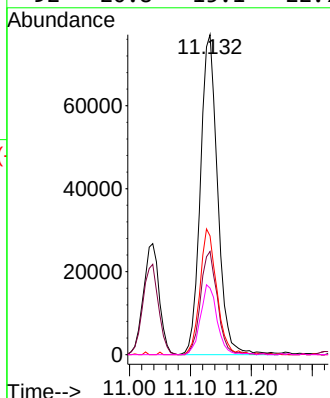
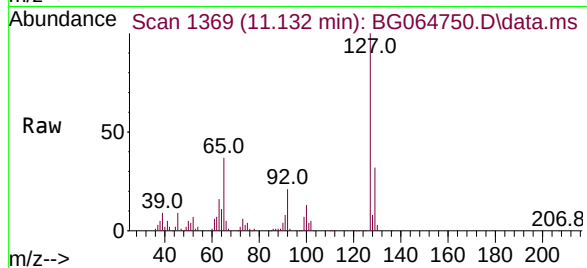
ClientSampleId :

SSTDICC050

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.9	37.3
65	37.1	30.9	46.3
92	20.8	15.1	22.7

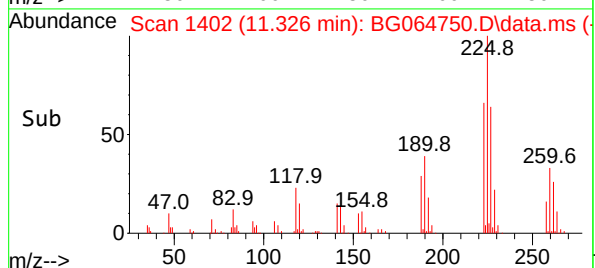
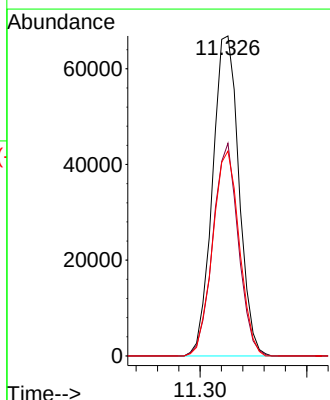
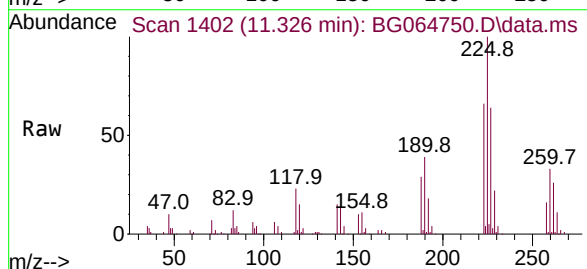
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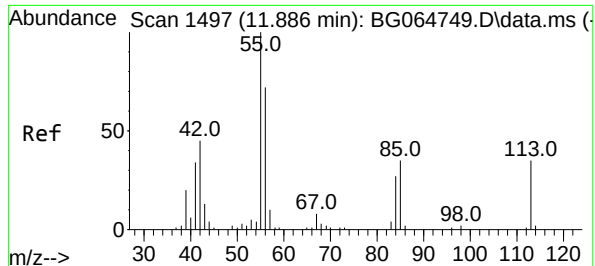
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#34
Hexachlorobutadiene
Concen: 49.215 ng
RT: 11.326 min Scan# 1402
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.1	49.9	74.9
227	63.9	50.6	75.8





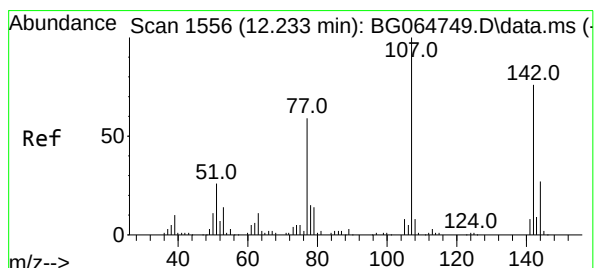
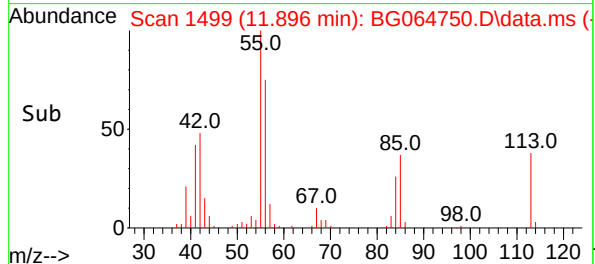
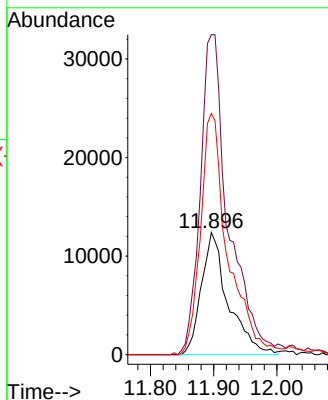
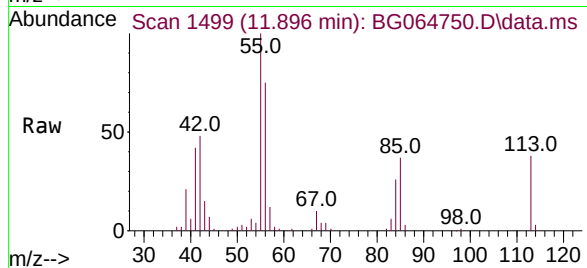
#35
Caprolactam
Concen: 54.473 ng
RT: 11.896 min Scan# 1497
Delta R.T. 0.010 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 36692
Ion Ratio Lower Upper
113 100
55 262.3 263.7 303.7
56 197.6 184.0 224.0

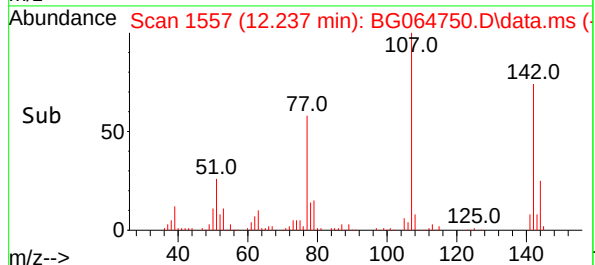
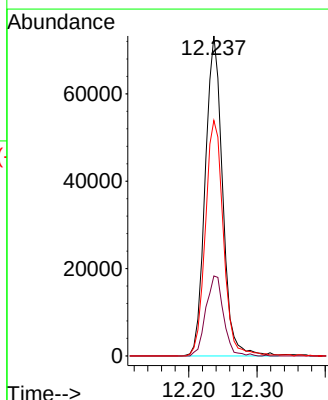
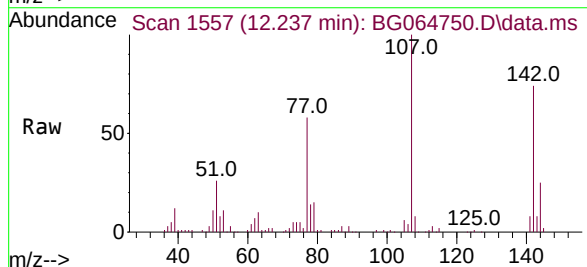
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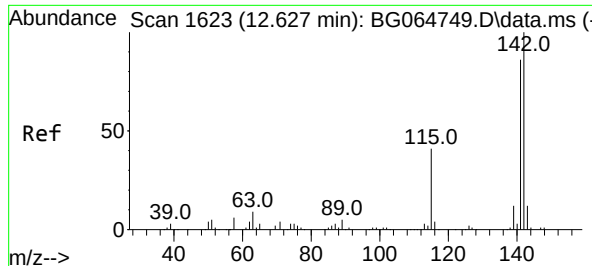
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#36
4-Chloro-3-methylphenol
Concen: 51.523 ng
RT: 12.237 min Scan# 1557
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:107 Resp: 129260
Ion Ratio Lower Upper
107 100
144 25.0 21.7 32.5
142 73.6 60.8 91.2





#37

2-Methylnaphthalene

Concen: 50.088 ng

RT: 12.625 min Scan# 1623

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 273168

Ion Ratio Lower Upper

142 100

141 87.6 69.1 103.7

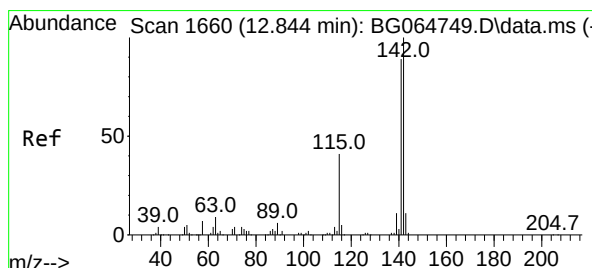
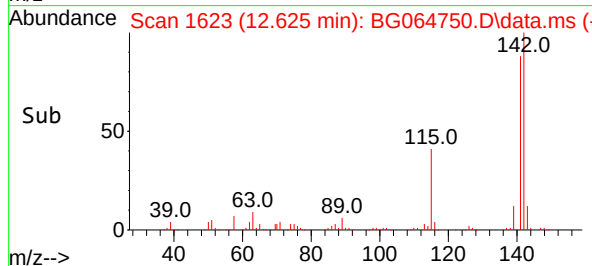
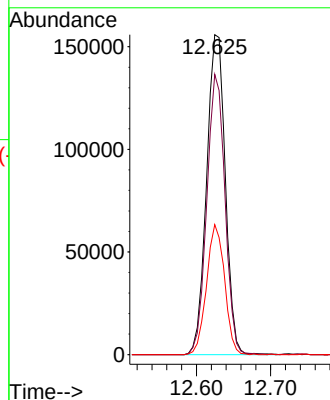
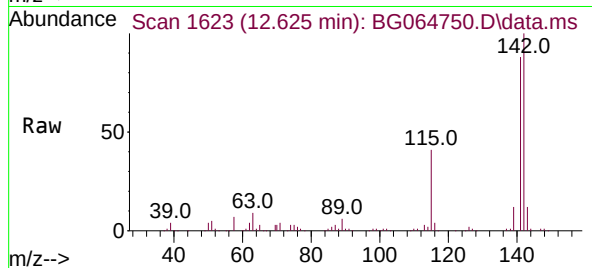
115 40.6 32.9 49.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#38

1-Methylnaphthalene

Concen: 49.540 ng

RT: 12.842 min Scan# 1660

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

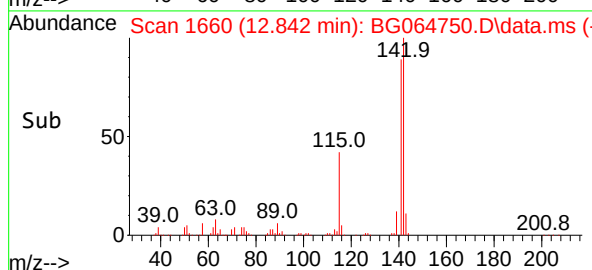
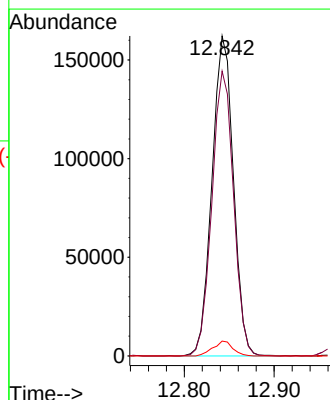
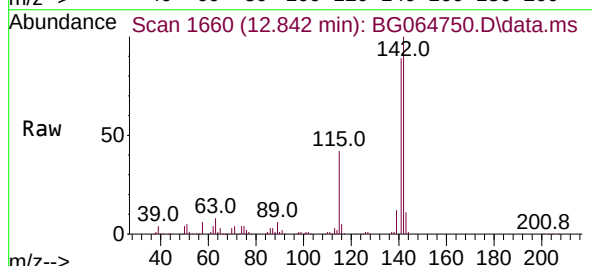
Tgt Ion:142 Resp: 268378

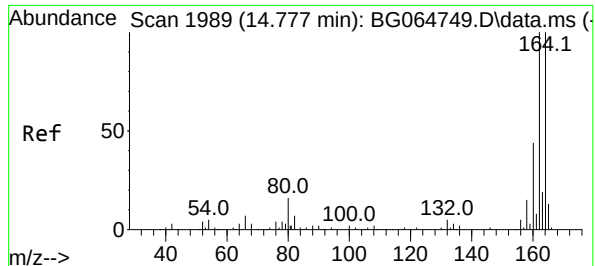
Ion Ratio Lower Upper

142 100

141 89.0 70.8 106.2

116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064750.D

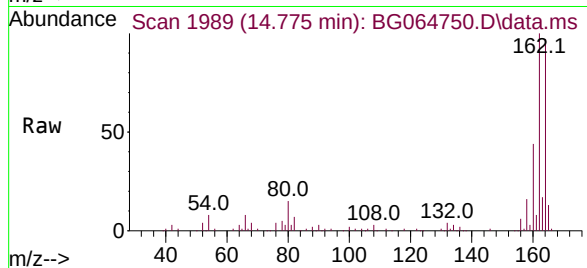
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

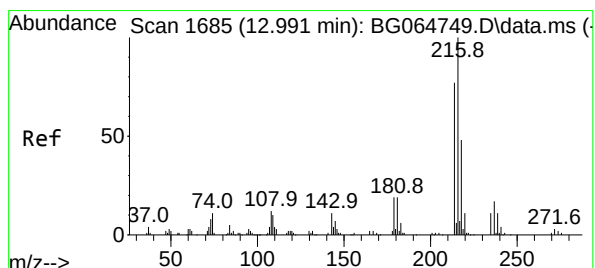
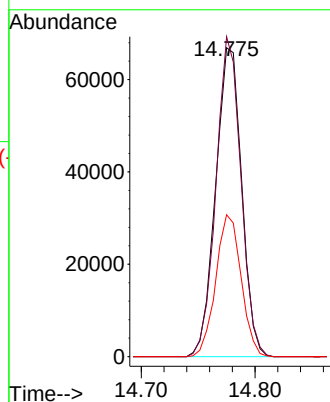
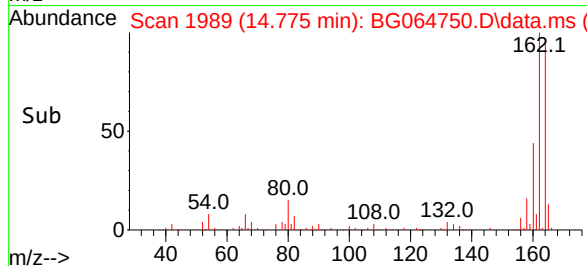
SSTDICC050



Tgt Ion:	164	Resp:	106438
Ion	Ratio	Lower	Upper
164	100		
162	103.6	79.8	119.6
160	45.9	34.9	52.3

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

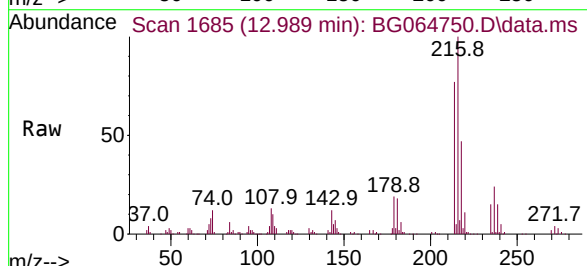
Concen: 48.764 ng

RT: 12.989 min Scan# 1685

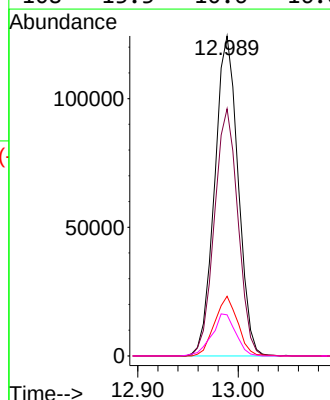
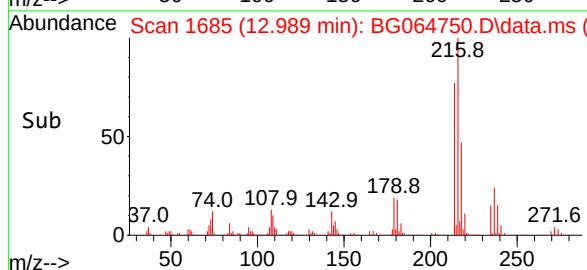
Delta R.T. -0.002 min

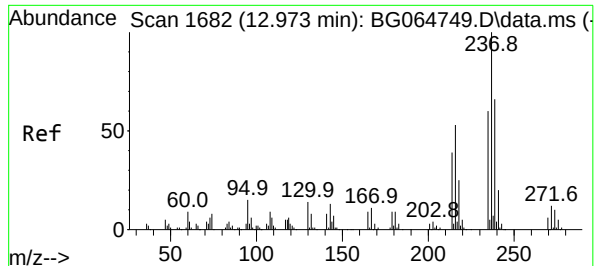
Lab File: BG064750.D

Acq: 12 Nov 2025 14:41



Tgt Ion:	216	Resp:	201992
Ion	Ratio	Lower	Upper
216	100		
214	77.5	60.5	90.7
179	18.3	14.7	22.1
108	13.3	10.6	16.0





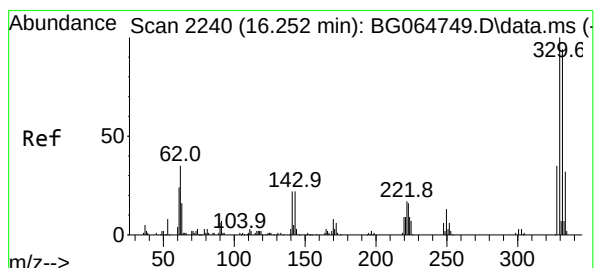
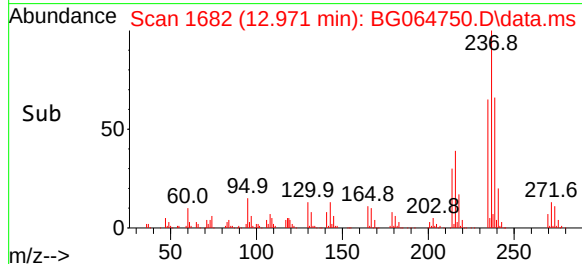
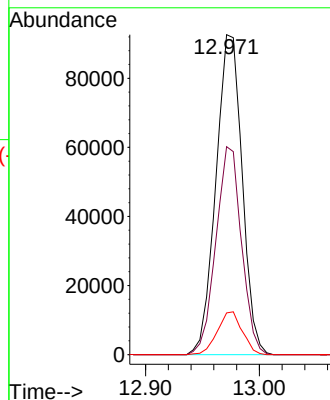
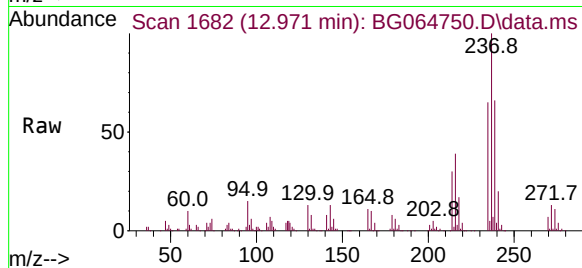
#41
Hexachlorocyclopentadiene
Concen: 49.948 ng
RT: 12.971 min Scan# 1682
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 148300
Ion Ratio Lower Upper
237 100
235 65.0 40.2 80.2
272 13.0 0.0 31.9

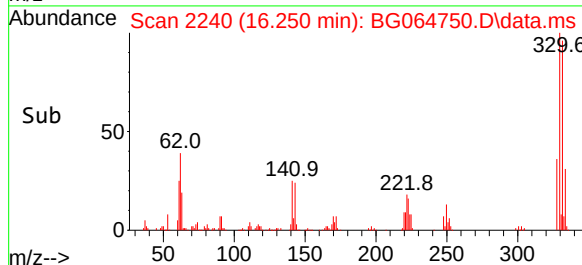
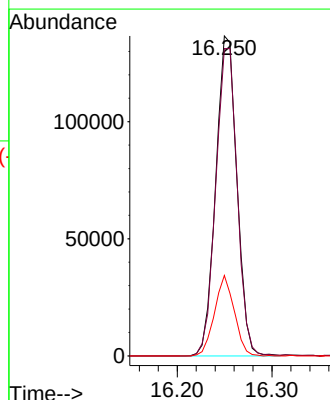
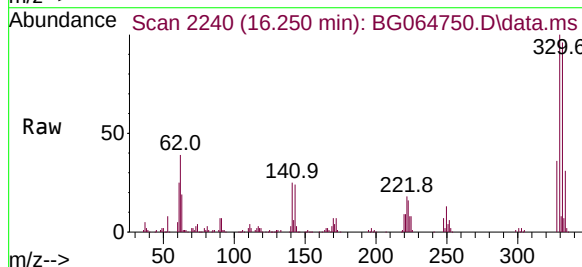
Manual Integrations
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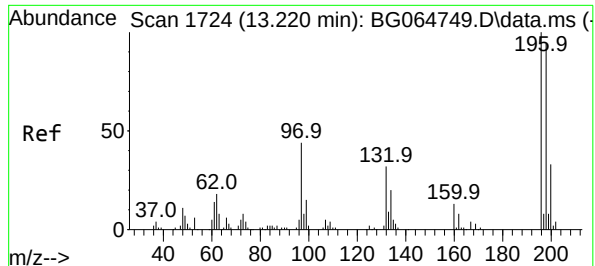
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#42
2,4,6-Tribromophenol
Concen: 101.964 ng
RT: 16.250 min Scan# 2240
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:330 Resp: 211663
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 23.5 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 51.912 ng

RT: 13.218 min Scan# 1724

Delta R.T. -0.002 min

Lab File: BG064750.D

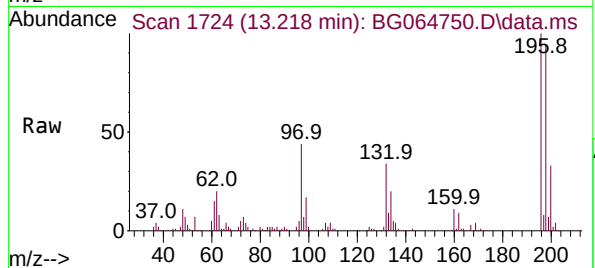
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 126206

Ion Ratio Lower Upper

196 100

198 94.5 75.3 112.9

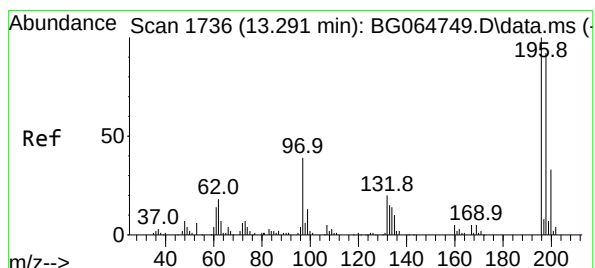
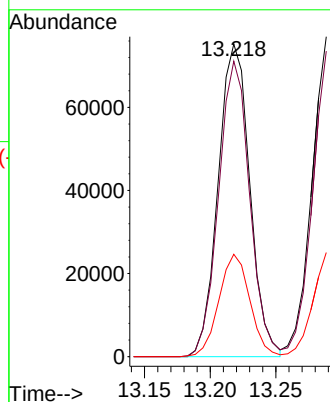
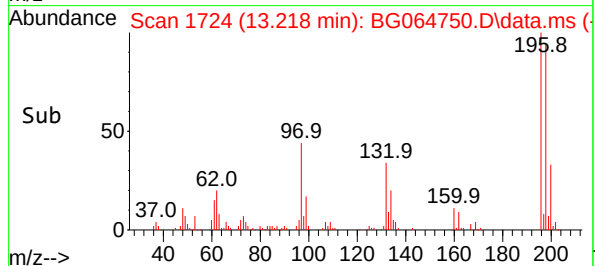
200 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

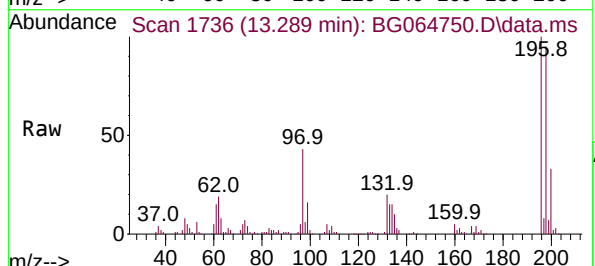
Concen: 50.724 ng

RT: 13.289 min Scan# 1736

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41



Tgt Ion:196 Resp: 138309

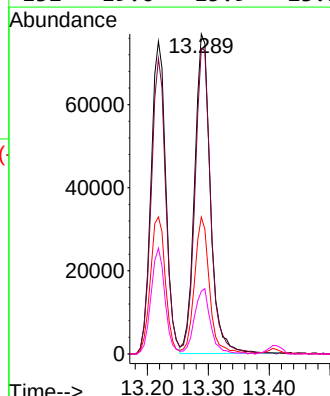
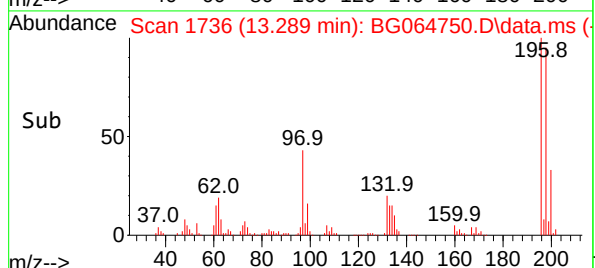
Ion Ratio Lower Upper

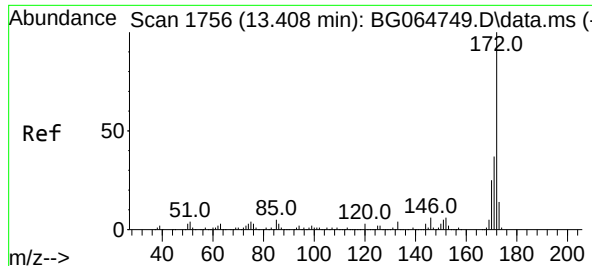
196 100

198 95.5 73.2 109.8

97 42.7 31.4 47.0

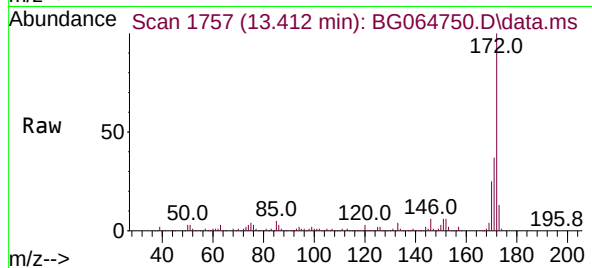
132 19.6 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 97.652 ng
RT: 13.412 min Scan# 1756
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

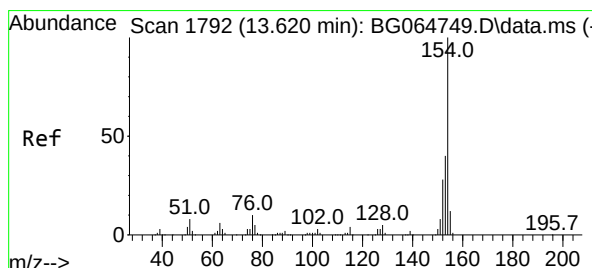
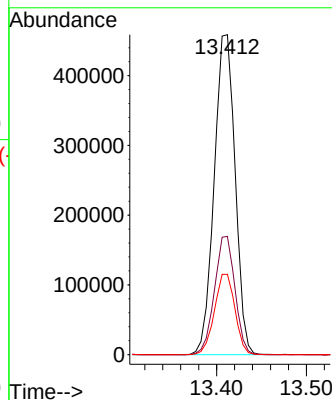
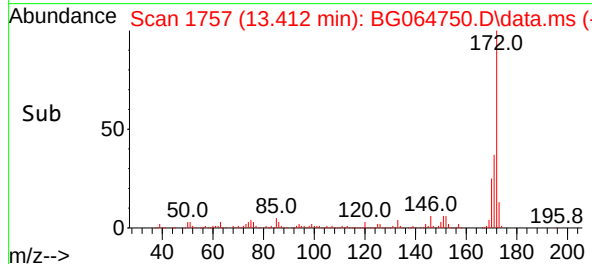
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:172 Resp: 744902
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 25.1 19.8 29.6

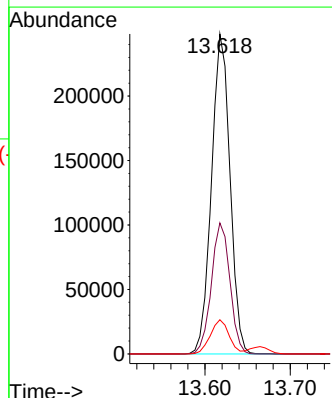
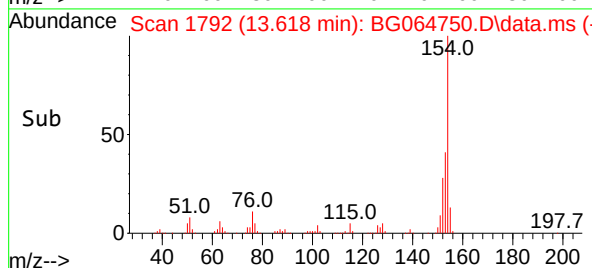
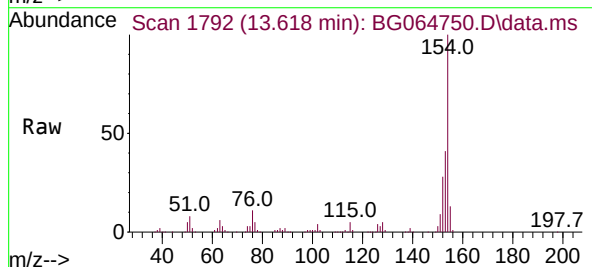
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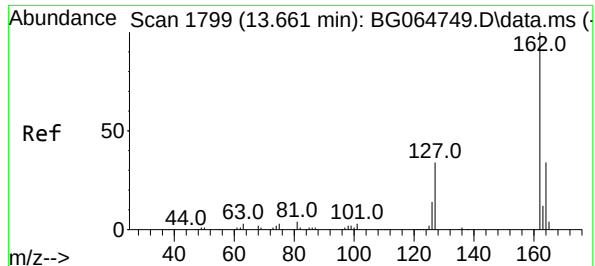
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#46
1,1'-Biphenyl
Concen: 48.911 ng
RT: 13.618 min Scan# 1792
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:154 Resp: 373911
Ion Ratio Lower Upper
154 100
153 40.9 19.8 59.8
76 10.7 0.0 30.0





#47

2-Chloronaphthalene

Concen: 49.307 ng

RT: 13.665 min Scan# 18

Delta R.T. 0.004 min

Lab File: BG064750.D

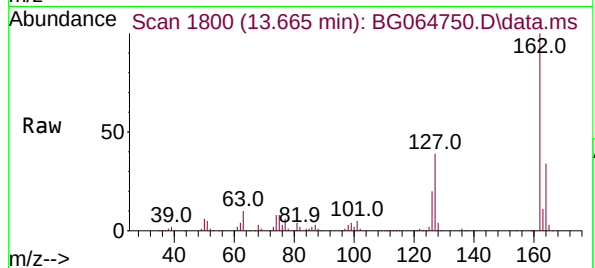
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 296964

Ion Ratio Lower Upper

162 100

127 39.3 30.3 45.5

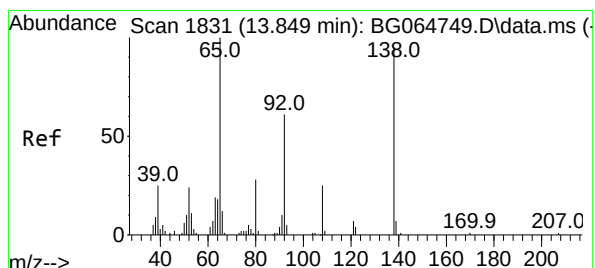
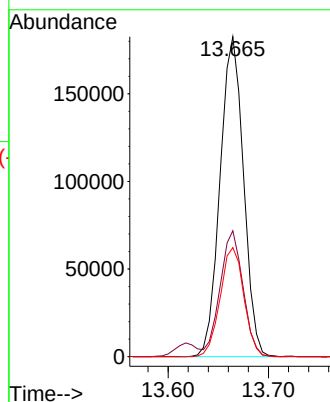
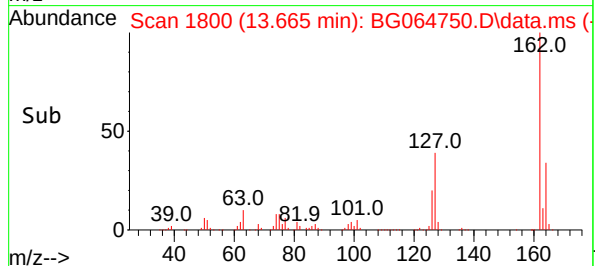
164 34.1 26.8 40.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

Concen: 52.606 ng

RT: 13.853 min Scan# 1832

Delta R.T. 0.004 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

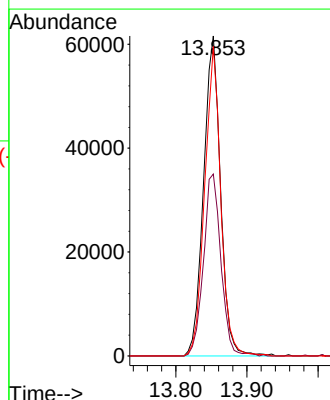
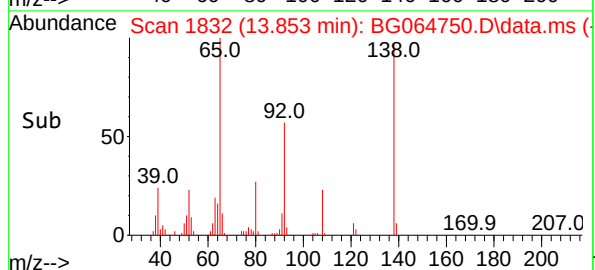
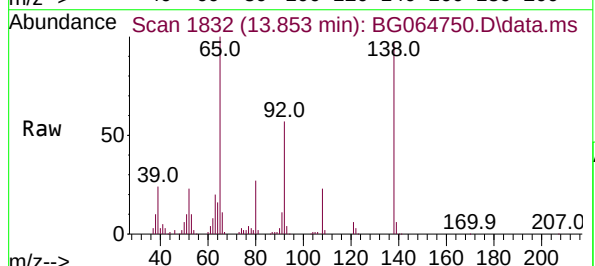
Tgt Ion: 65 Resp: 101905

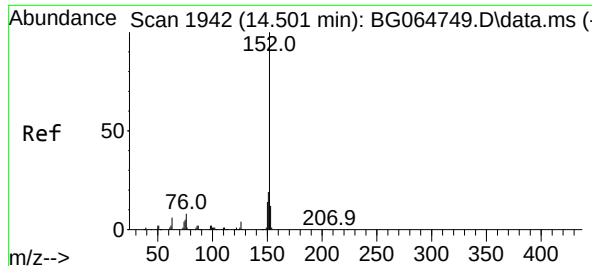
Ion Ratio Lower Upper

65 100

92 56.8 48.6 73.0

138 96.7 76.4 114.6





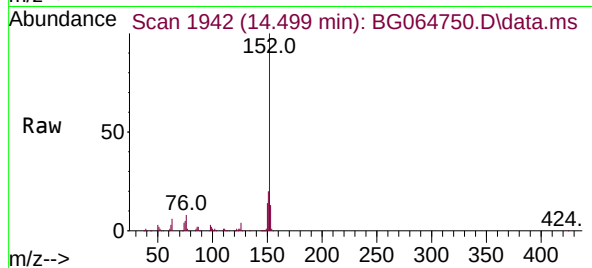
#49
Acenaphthylene
Concen: 49.951 ng
RT: 14.499 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

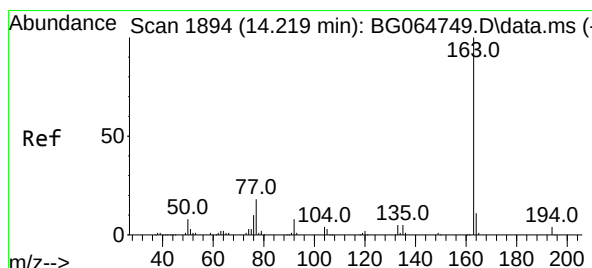
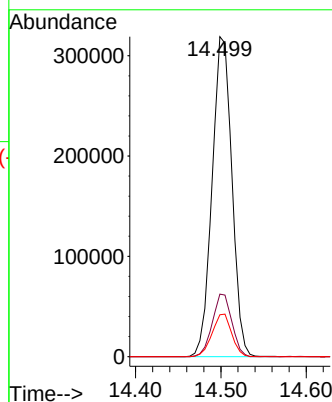
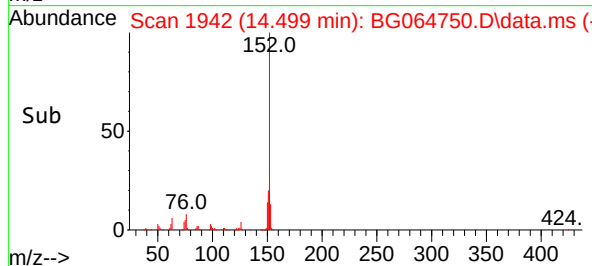
SSTDICC050



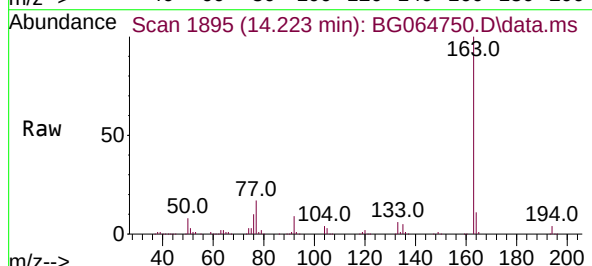
Tgt Ion:152 Resp: 513965
Ion Ratio Lower Upper
152 100
151 19.5 15.0 22.4
153 13.1 9.9 14.9

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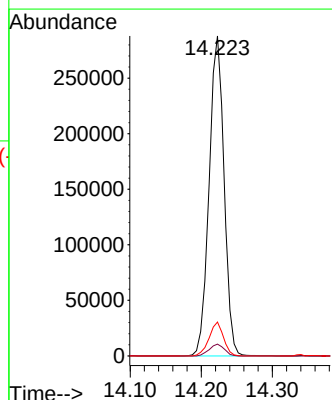
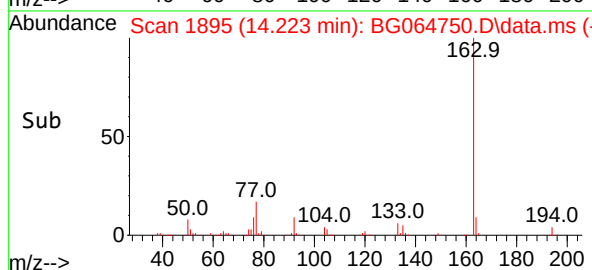
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

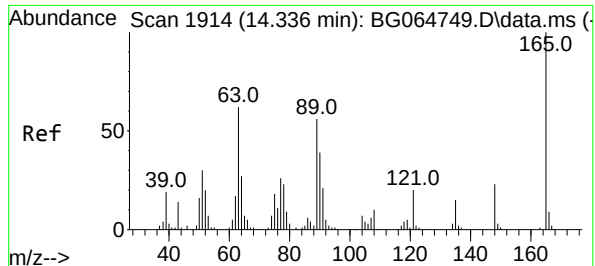


#50
Dimethylphthalate
Concen: 50.001 ng
RT: 14.223 min Scan# 1895
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



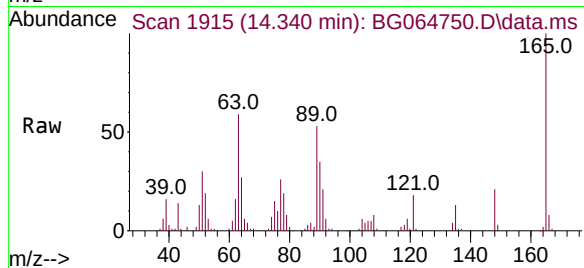
Tgt Ion:163 Resp: 420404
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.6 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 52.071 ng
RT: 14.340 min Scan# 1914
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

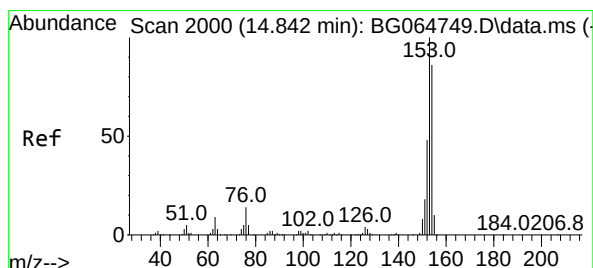
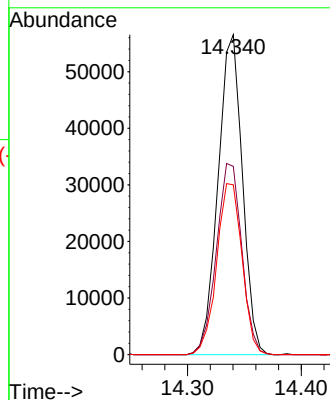
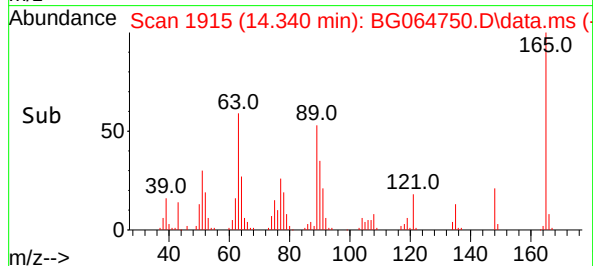
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 84245
Ion Ratio Lower Upper
165 100
63 58.8 49.8 74.8
89 53.1 45.0 67.4

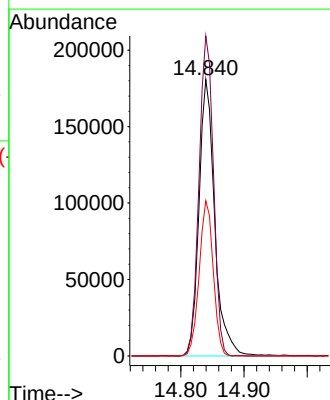
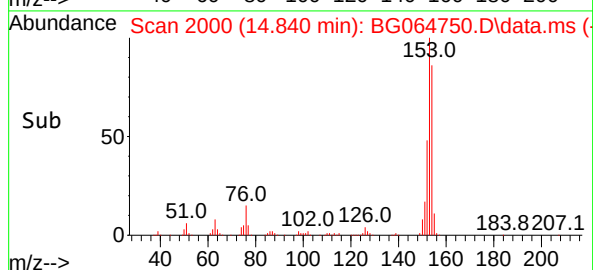
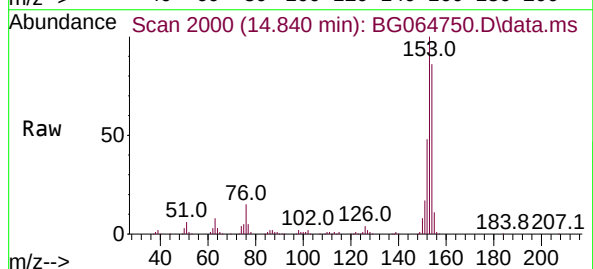
Manual Integrations
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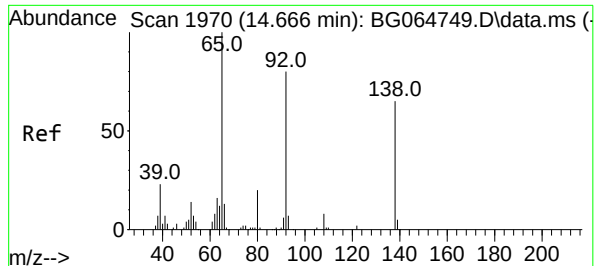
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#52
Acenaphthene
Concen: 50.780 ng
RT: 14.840 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:154 Resp: 313277
Ion Ratio Lower Upper
154 100
153 115.8 93.0 139.4
152 56.1 44.4 66.6





#53

3-Nitroaniline

Concen: 53.331 ng

RT: 14.663 min Scan# 1970

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

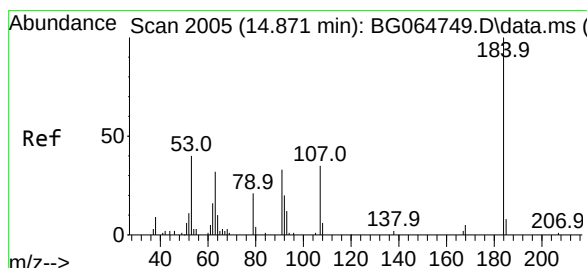
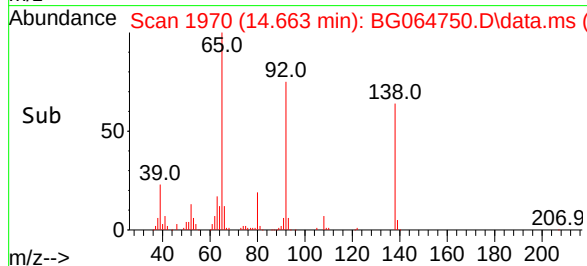
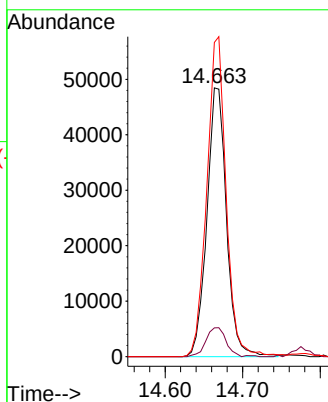
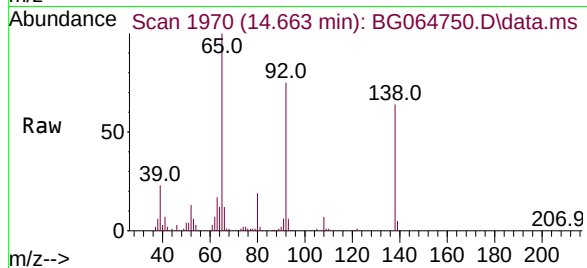
SSTDICC050

Tgt Ion:	138	Resp:	85159
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.5	14.3
92	116.9	99.0	148.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 48.998 ng

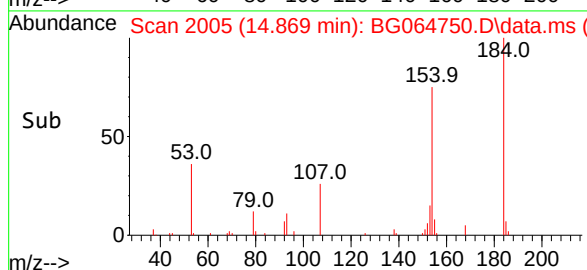
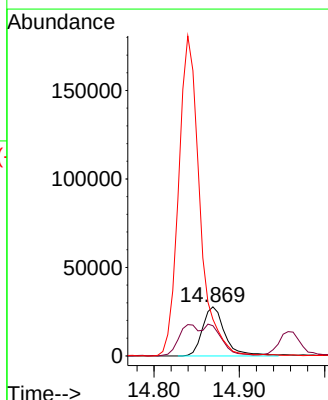
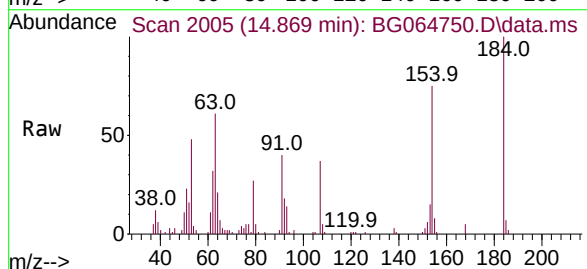
RT: 14.869 min Scan# 2005

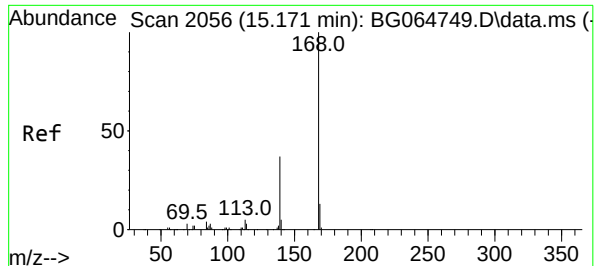
Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

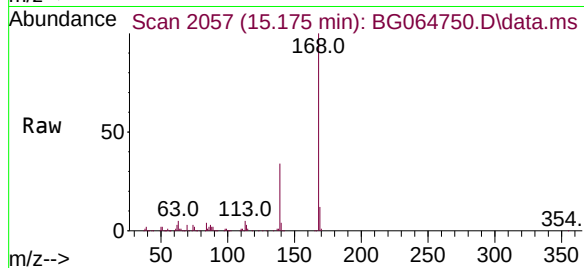
Tgt Ion:	184	Resp:	50173
Ion Ratio	Lower	Upper	
184	100		
63	61.3	45.8	68.6
154	74.7	52.6	78.8





#55
Dibenzenofuran
Concen: 49.360 ng
RT: 15.175 min Scan# 2056
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

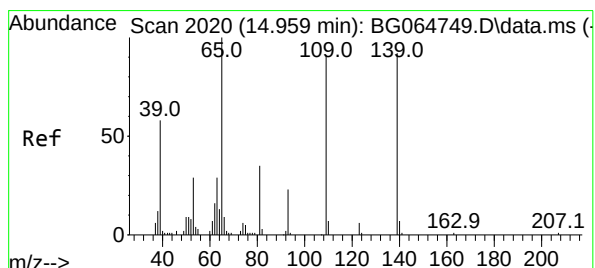
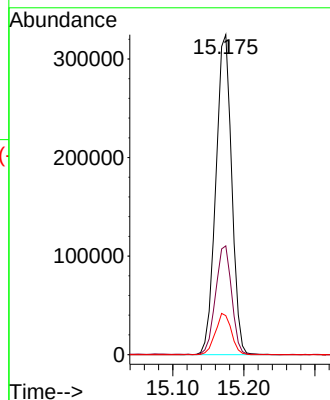
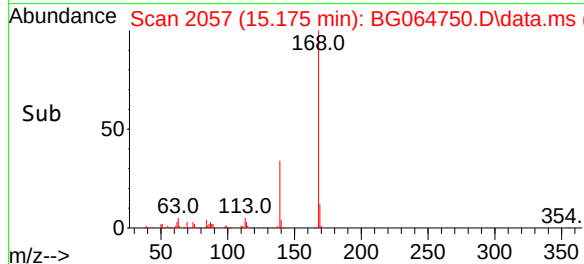
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



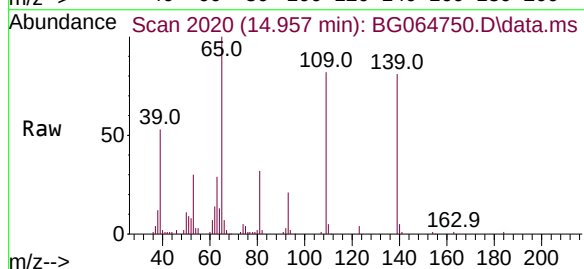
Tgt Ion:168 Resp: 50344
Ion Ratio Lower Upper
168 100
139 34.0 29.5 44.3
169 12.2 10.4 15.6

Manual Integrations
APPROVED

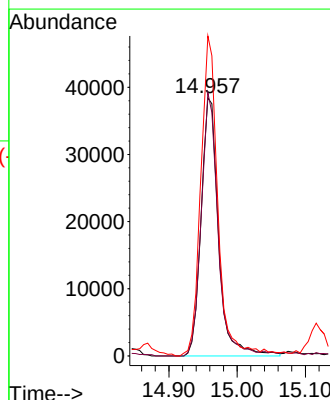
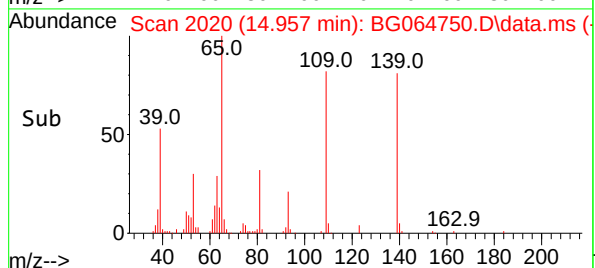
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

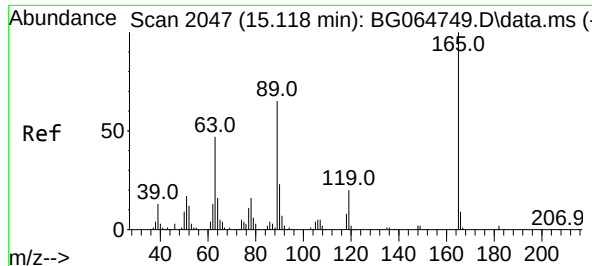


#56
4-Nitrophenol
Concen: 53.900 ng
RT: 14.957 min Scan# 2020
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



Tgt Ion:139 Resp: 68287
Ion Ratio Lower Upper
139 100
109 101.9 79.7 119.7
65 124.1 89.9 129.9





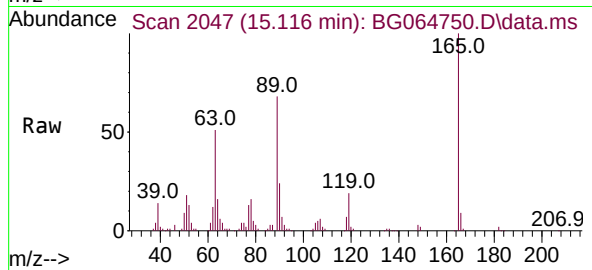
#57
2,4-Dinitrotoluene
Concen: 51.779 ng
RT: 15.116 min Scan# 2047
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

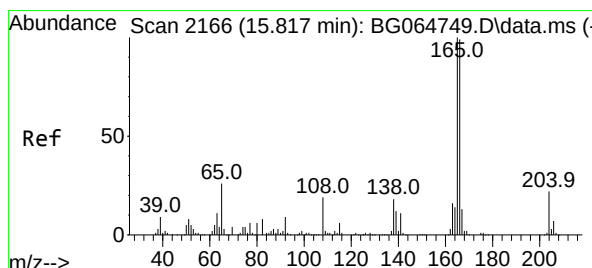
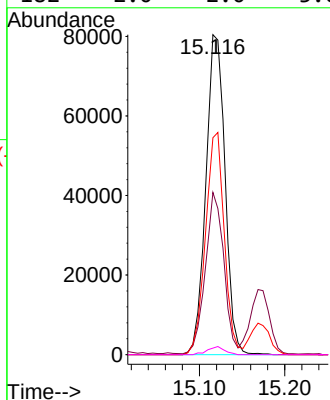
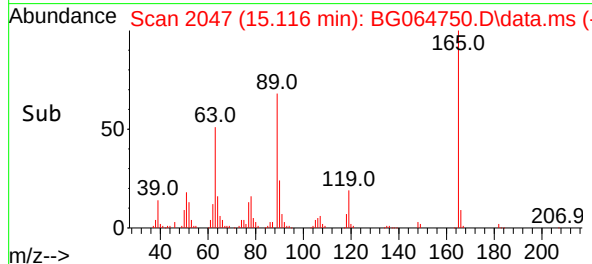
SSTDICC050



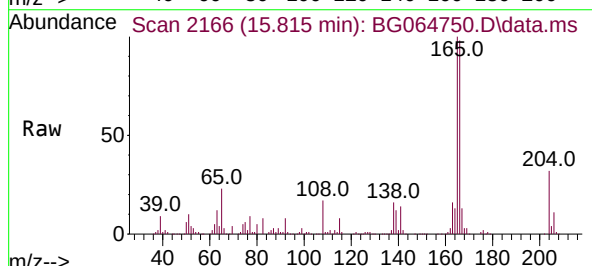
Tgt Ion:165 Resp: 125592
Ion Ratio Lower Upper
165 100
63 50.7 37.8 56.6
89 67.8 51.6 77.4
182 2.0 2.0 3.0

Manual Integrations
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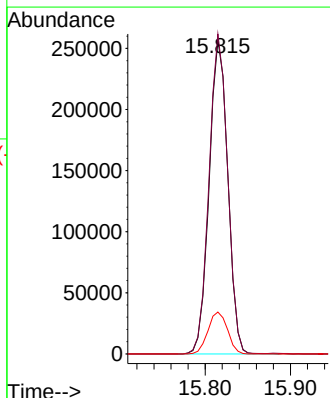
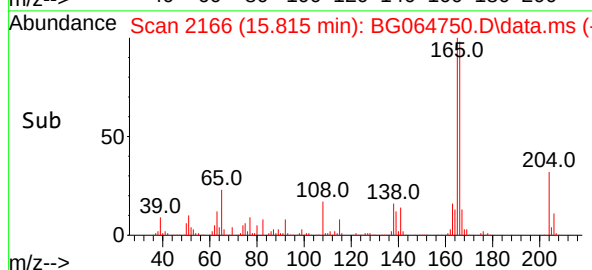
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

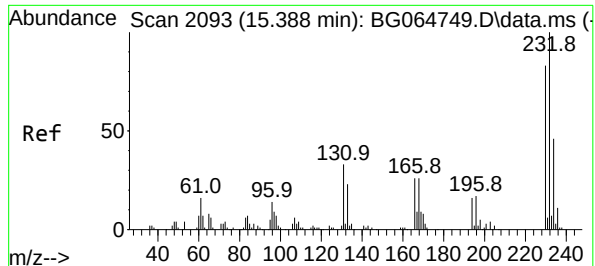


#58
Fluorene
Concen: 48.627 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



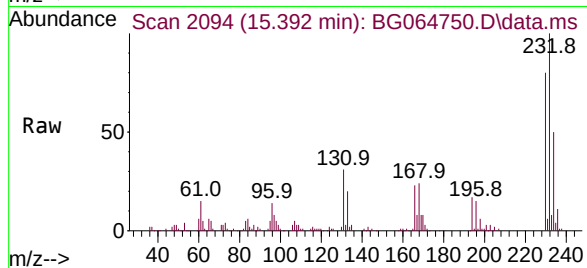
Tgt Ion:166 Resp: 388983
Ion Ratio Lower Upper
166 100
165 101.9 80.5 120.7
167 13.3 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.053 ng
RT: 15.392 min Scan# 2094
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

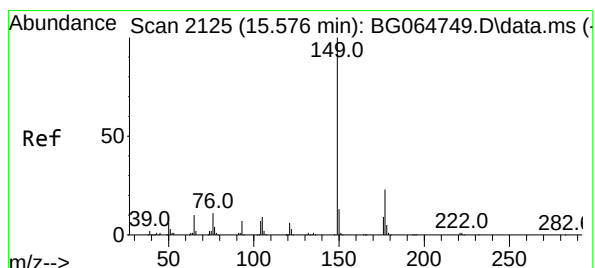
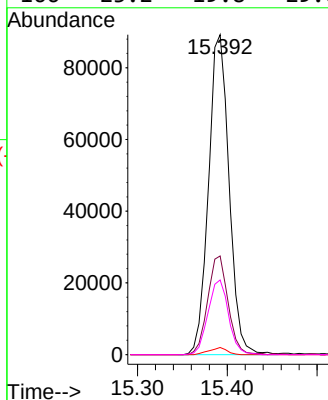
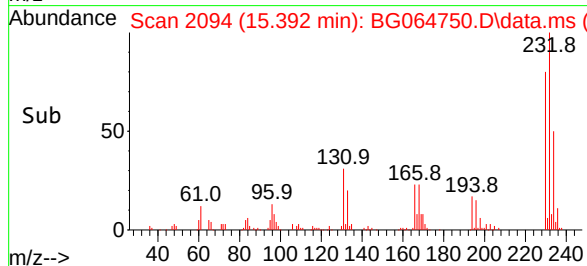
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



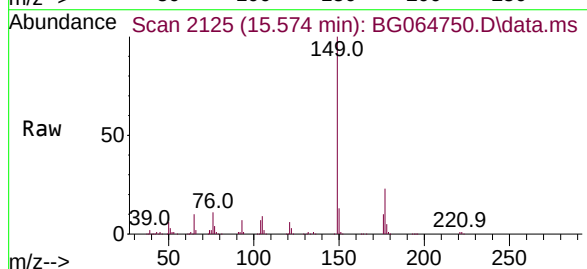
Tgt Ion:232 Resp: 142728
Ion Ratio Lower Upper
232 100
131 30.5 26.0 39.0
130 1.9 1.6 2.4
166 23.2 19.8 29.6

Manual Integrations
APPROVED

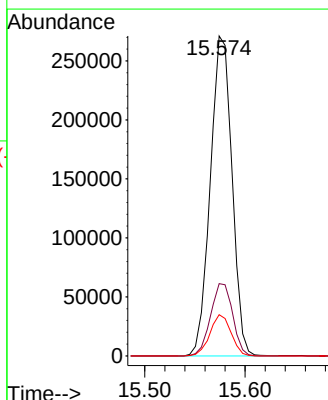
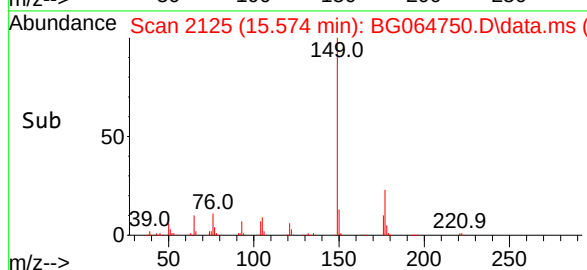
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

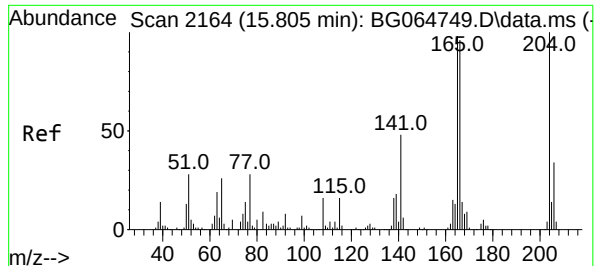


#60
Diethylphthalate
Concen: 50.617 ng
RT: 15.574 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



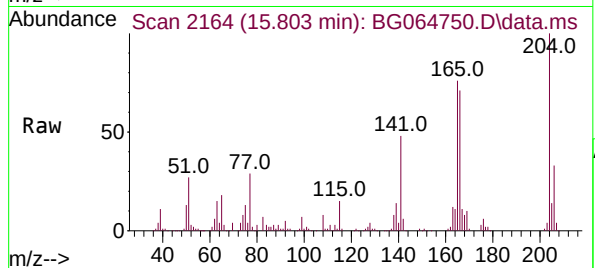
Tgt Ion:149 Resp: 407694
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 48.897 ng
RT: 15.803 min Scan# 2164
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

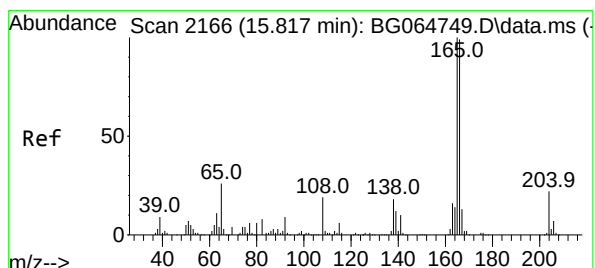
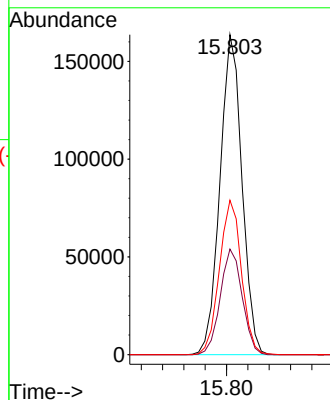
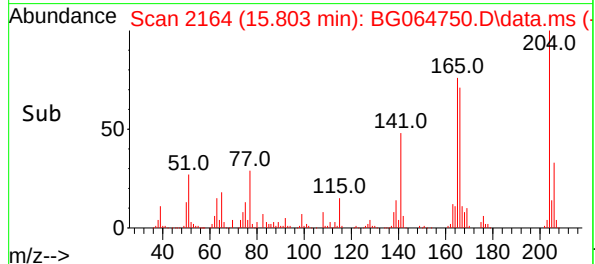
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:204 Resp: 234740
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 48.2 38.1 57.1

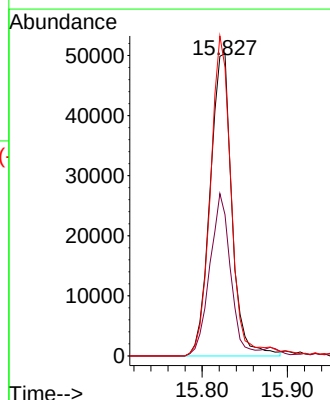
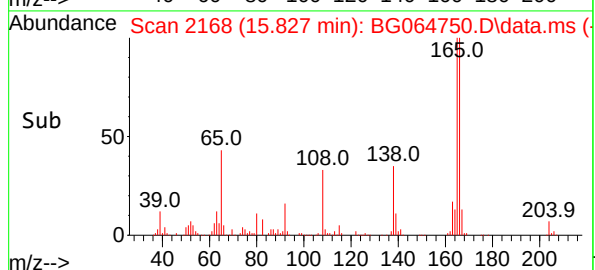
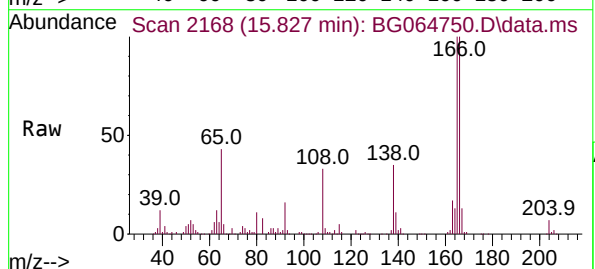
Manual Integrations
APPROVED

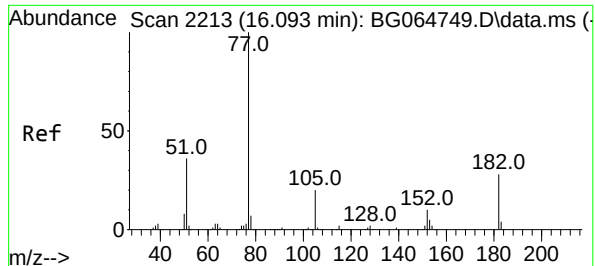
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#62
4-Nitroaniline
Concen: 53.925 ng
RT: 15.827 min Scan# 2168
Delta R.T. 0.010 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

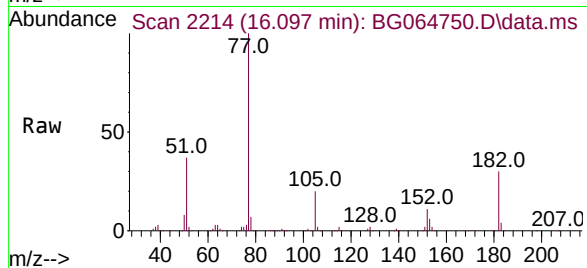
Tgt Ion:138 Resp: 89205
Ion Ratio Lower Upper
138 100
92 46.7 30.7 70.7
108 95.4 85.7 125.7





#63
Azobenzene
Concen: 49.648 ng
RT: 16.097 min Scan# 2213
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

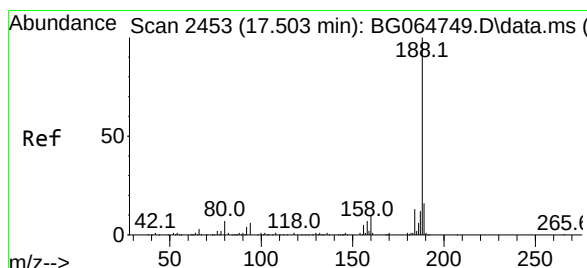
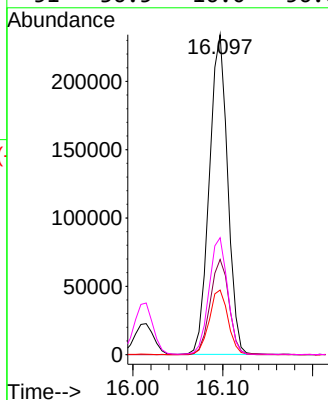
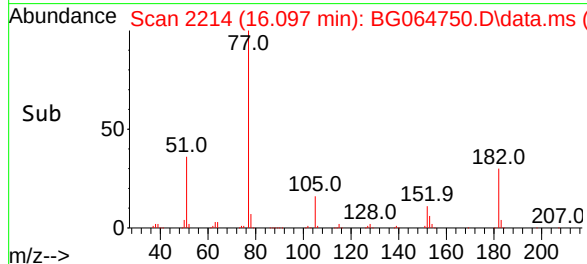
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



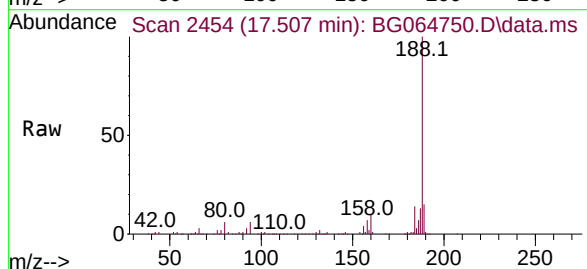
Tgt Ion: 77 Resp: 332609
Ion Ratio Lower Upper
77 100
182 29.7 8.1 48.1
105 20.2 0.1 40.1
51 36.5 16.0 56.0

Manual Integrations
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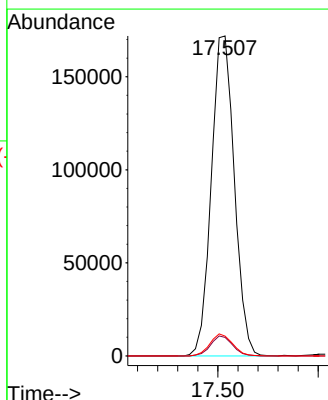
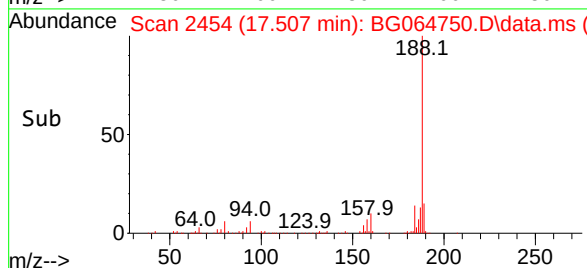
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

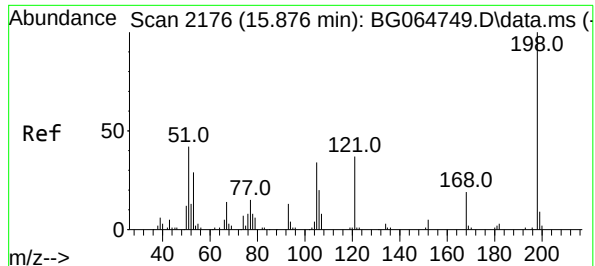


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2454
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



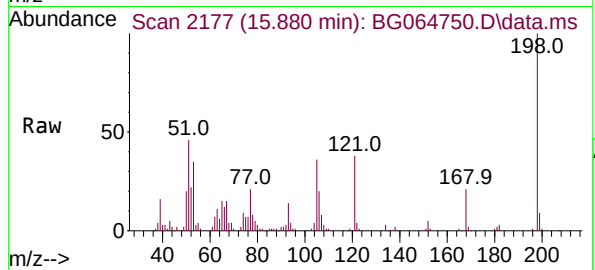
Tgt Ion:188 Resp: 274480
Ion Ratio Lower Upper
188 100
94 5.8 4.7 7.1
80 6.2 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 54.533 ng
RT: 15.880 min Scan# 2176
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

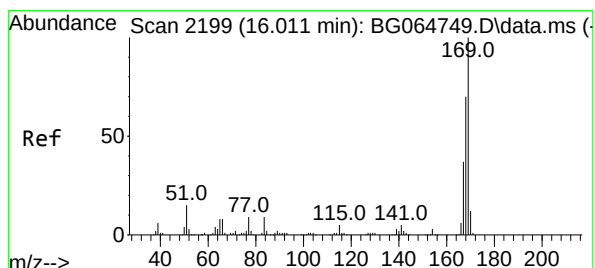
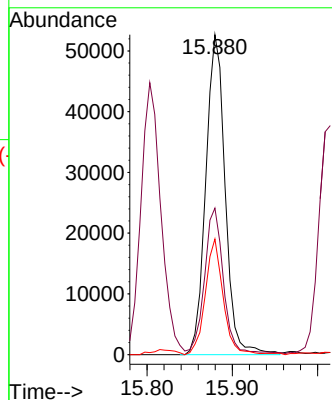
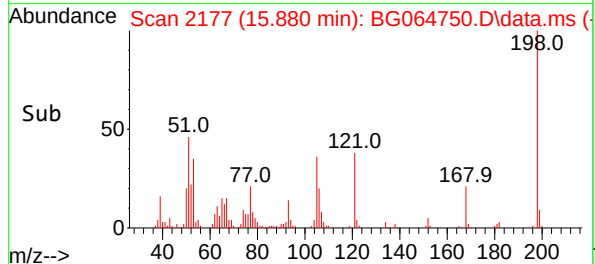
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:198 Resp: 83106
Ion Ratio Lower Upper
198 100
51 45.8 25.2 65.2
105 36.1 14.2 54.2

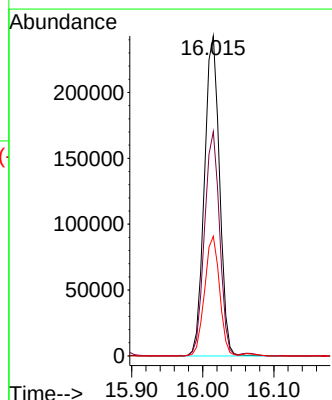
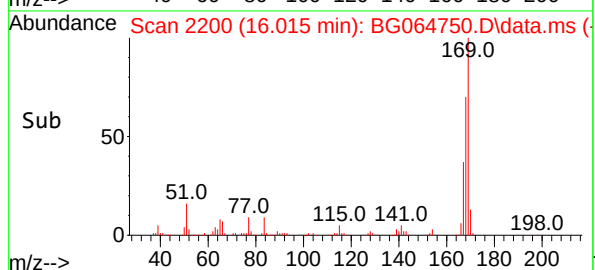
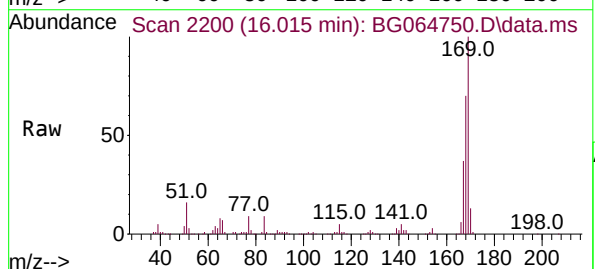
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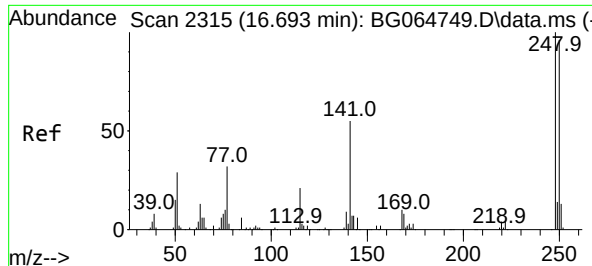
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 49.560 ng
RT: 16.015 min Scan# 2200
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:169 Resp: 356316
Ion Ratio Lower Upper
169 100
168 70.1 55.9 83.9
167 37.4 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 49.273 ng
RT: 16.696 min Scan# 2315
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

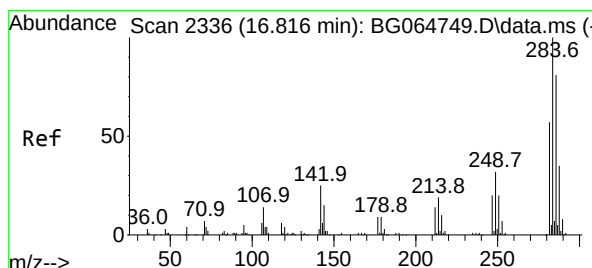
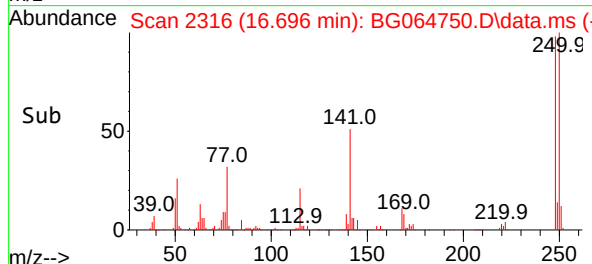
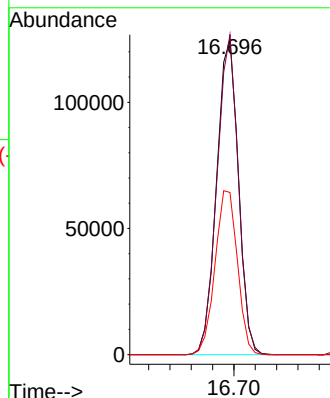
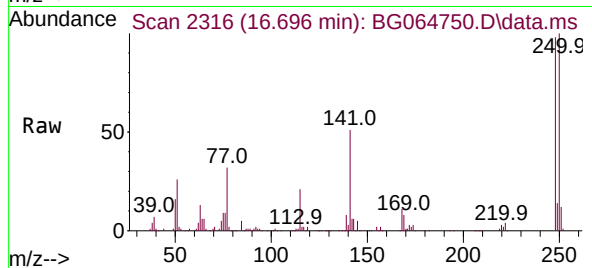
ClientSampleId :

SSTDICC050

Tgt Ion:	248	Resp:	17760
Ion Ratio	Lower	Upper	
248	100		
250	101.5	77.0	115.6
141	51.5	43.7	65.5

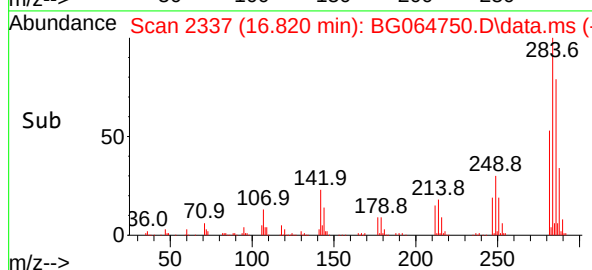
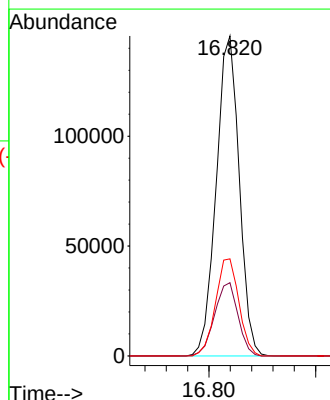
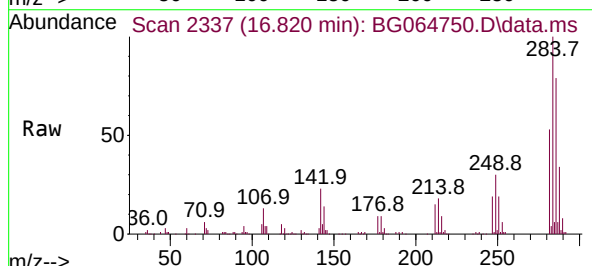
Manual Integrations
APPROVED

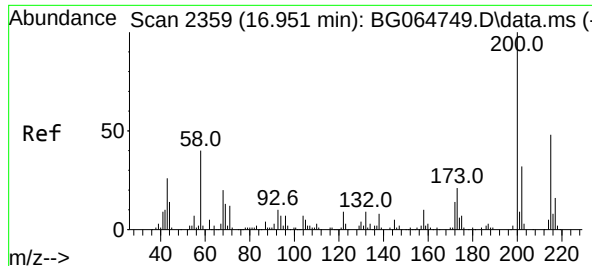
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#68
Hexachlorobenzene
Concen: 49.952 ng
RT: 16.820 min Scan# 2337
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:	284	Resp:	218143
Ion Ratio	Lower	Upper	
284	100		
142	22.9	19.7	29.5
249	32.0	28.1	42.1





#69

Atrazine

Concen: 50.190 ng

RT: 16.949 min Scan# 2359

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 173976

Ion Ratio Lower Upper

200 100

173 21.6 0.9 40.9

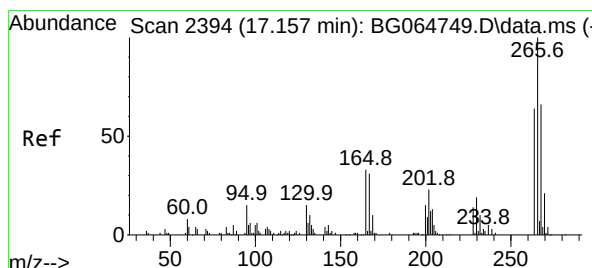
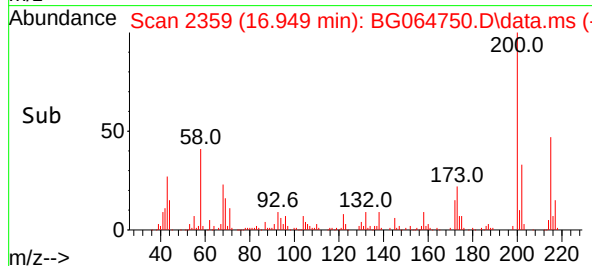
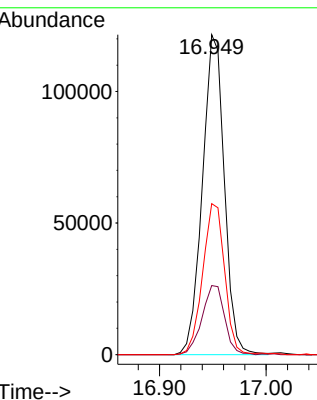
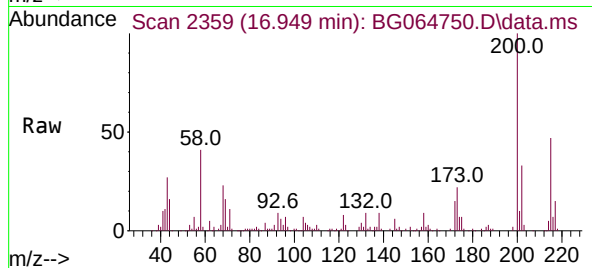
215 47.2 27.5 67.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 49.449 ng

RT: 17.155 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

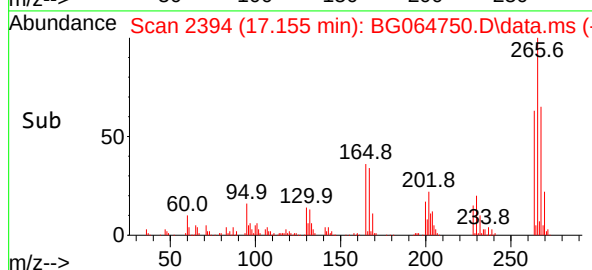
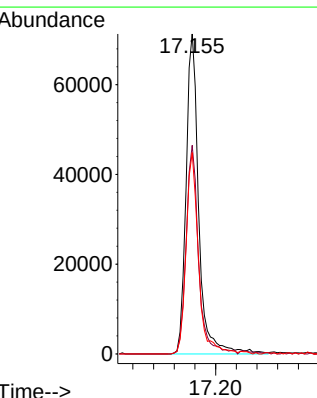
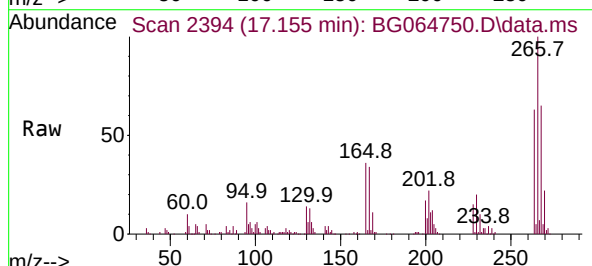
Tgt Ion:266 Resp: 121224

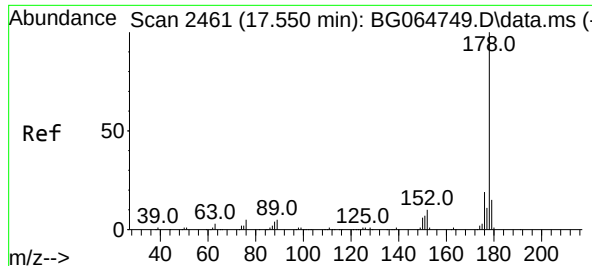
Ion Ratio Lower Upper

266 100

268 65.2 56.1 84.1

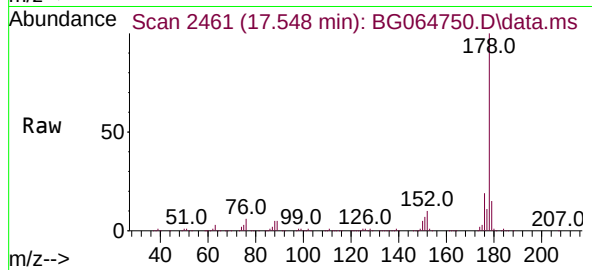
264 68.3 51.2 76.8





#71
Phenanthrene
Concen: 49.373 ng
RT: 17.548 min Scan# 2461
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

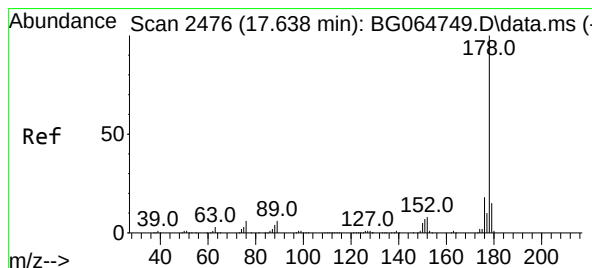
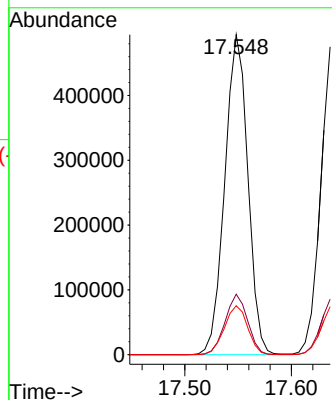
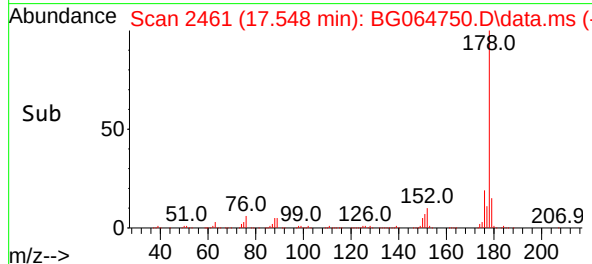
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



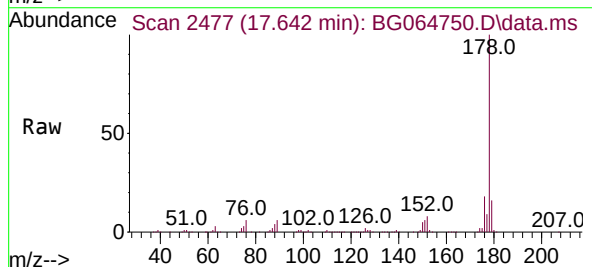
Tgt Ion:178 Resp: 741474
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.3 12.2 18.4

Manual Integrations
APPROVED

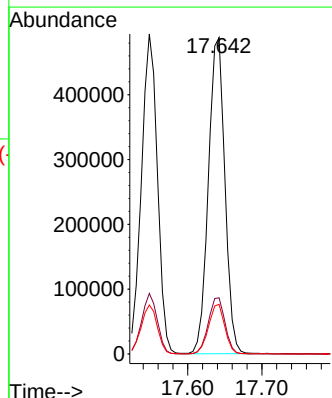
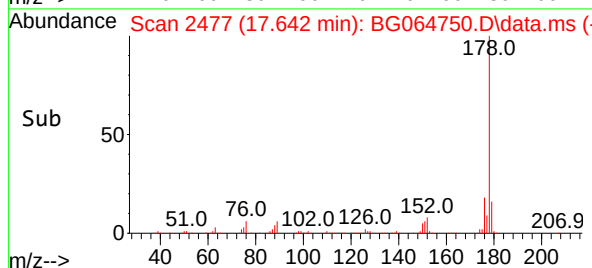
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

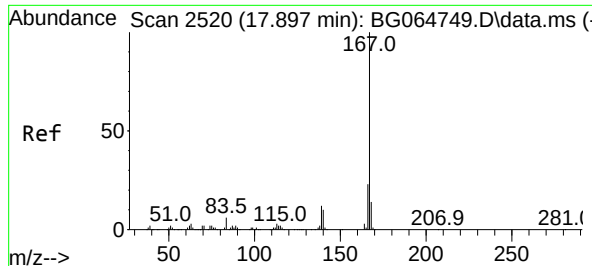


#72
Anthracene
Concen: 49.256 ng
RT: 17.642 min Scan# 2477
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



Tgt Ion:178 Resp: 754273
Ion Ratio Lower Upper
178 100
176 17.7 14.5 21.7
179 15.7 12.2 18.4





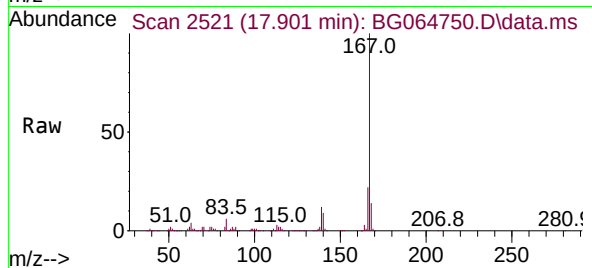
#73
Carbazole
Concen: 49.183 ng
RT: 17.901 min Scan# 2521
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

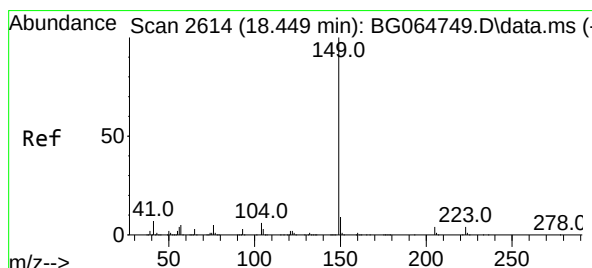
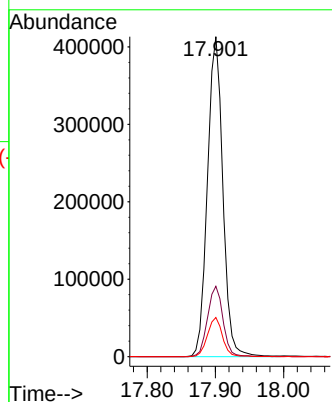
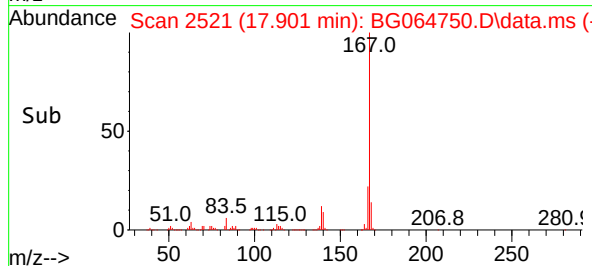
SSTDICC050



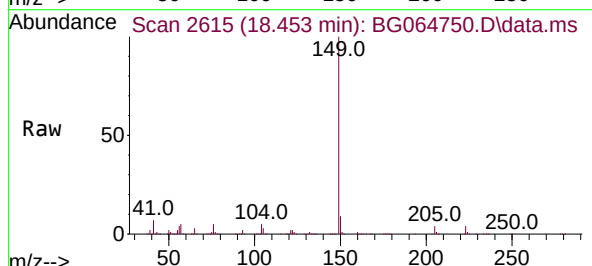
Tgt Ion:167 Resp: 647451
Ion Ratio Lower Upper
167 100
166 22.0 18.0 27.0
139 12.2 9.7 14.5

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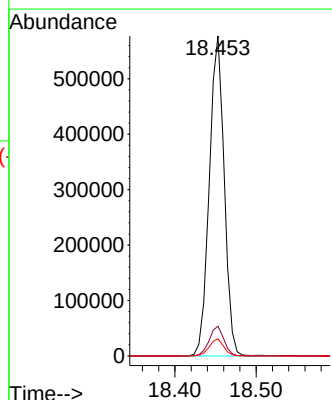
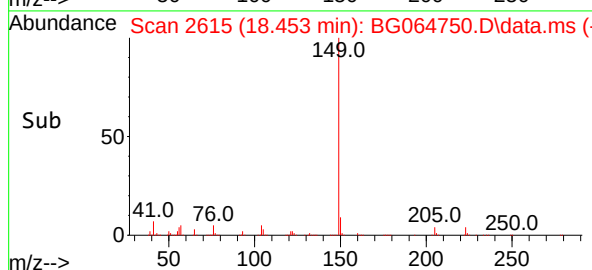
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

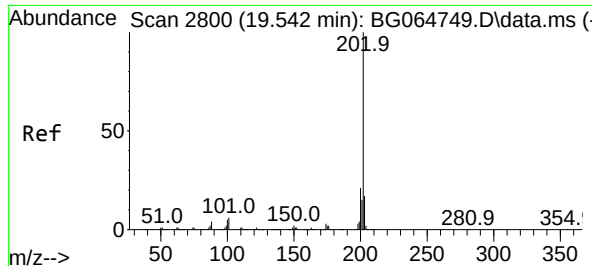


#74
Di-n-butylphthalate
Concen: 50.268 ng
RT: 18.453 min Scan# 2615
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



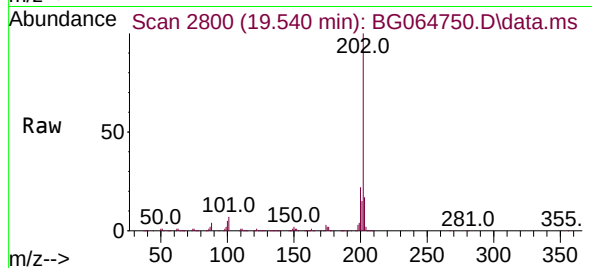
Tgt Ion:149 Resp: 738268
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 48.814 ng
RT: 19.540 min Scan# 2800
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

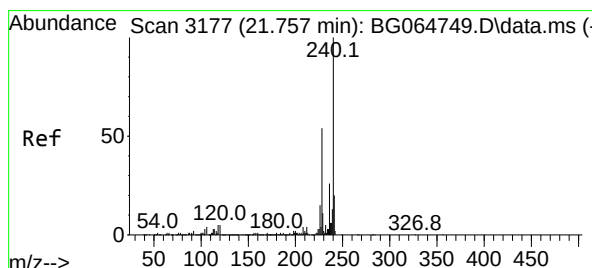
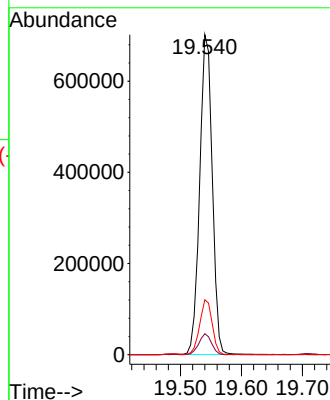
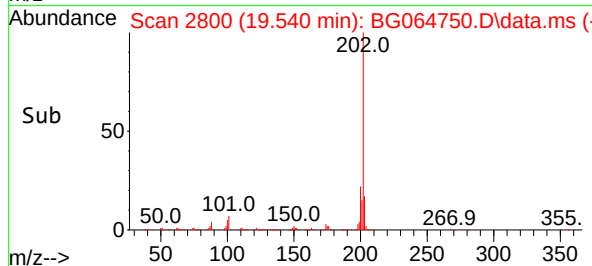
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 1002435
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.4
203 17.1 0.0 37.5

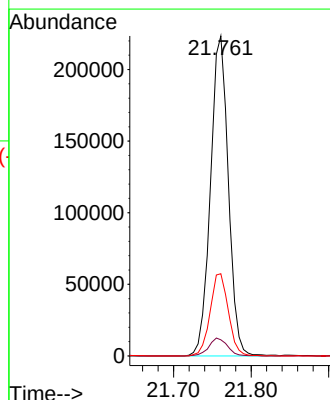
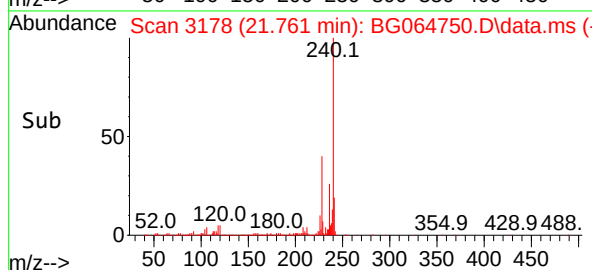
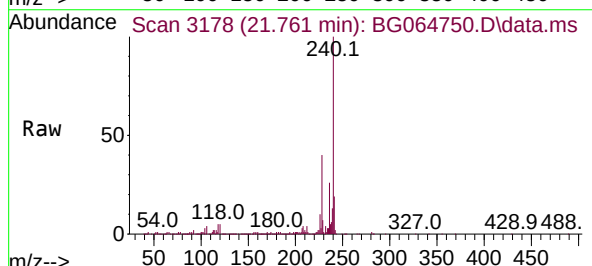
Manual Integrations
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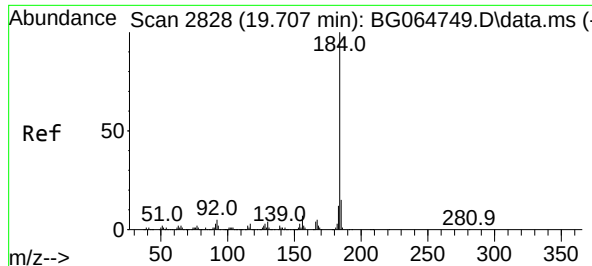
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.761 min Scan# 3178
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

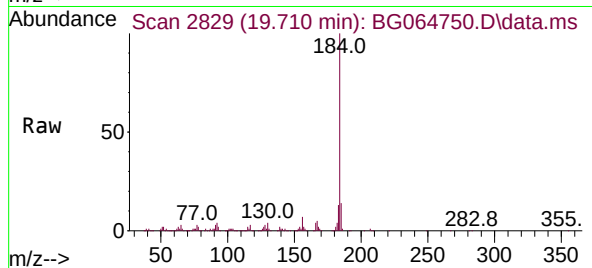
Tgt Ion:240 Resp: 357345
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.4
236 25.7 20.8 31.2





#77
Benzidine
Concen: 51.578 ng
RT: 19.710 min Scan# 2829
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

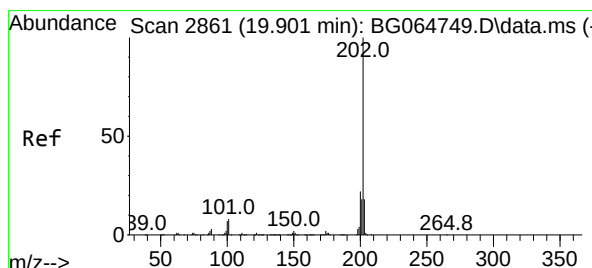
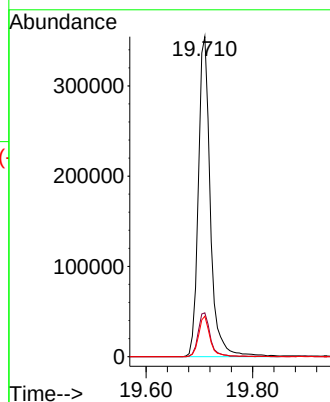
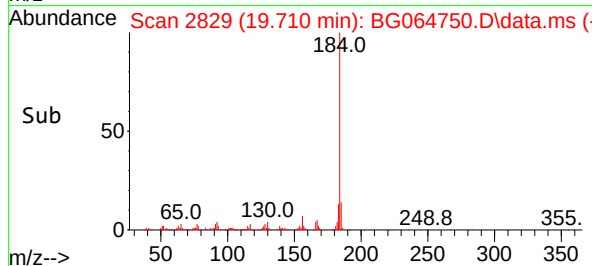
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 551983
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 12.6 9.8 14.6

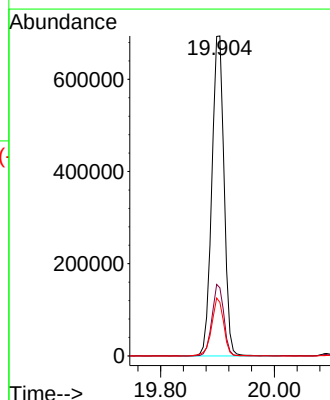
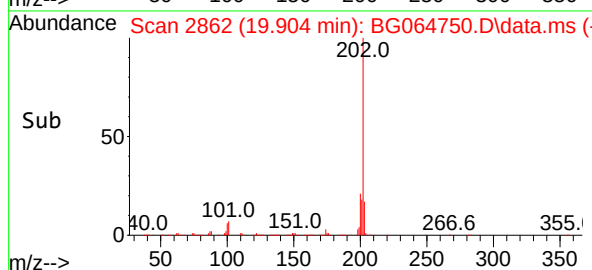
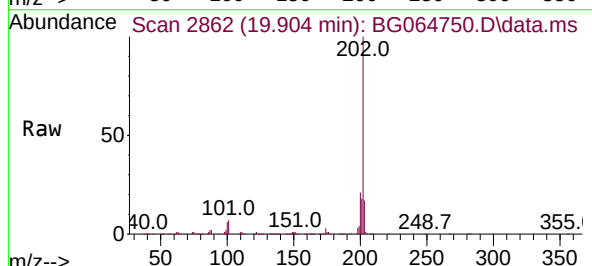
Manual Integrations
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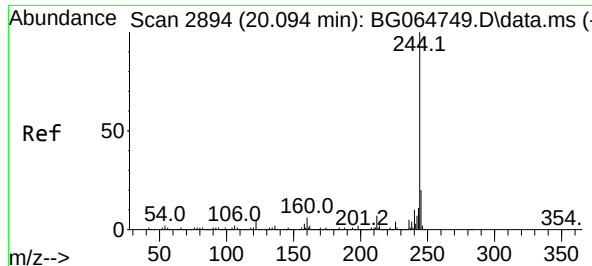
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 51.930 ng
RT: 19.904 min Scan# 2862
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:202 Resp: 1040032
Ion Ratio Lower Upper
202 100
200 21.3 17.9 26.9
203 16.7 14.0 21.0





#79

Terphenyl-d14

Concen: 102.245 ng

RT: 20.092 min Scan# 2894

Delta R.T. -0.002 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 1857392

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

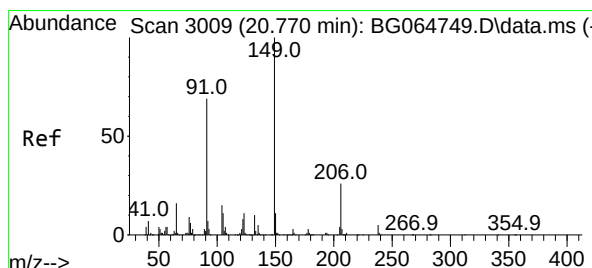
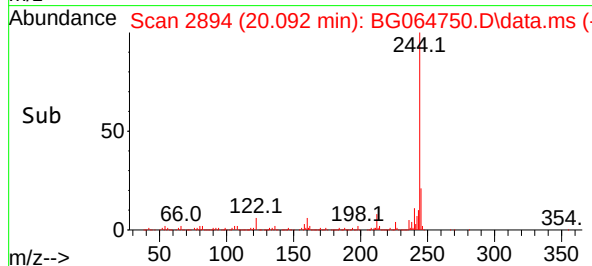
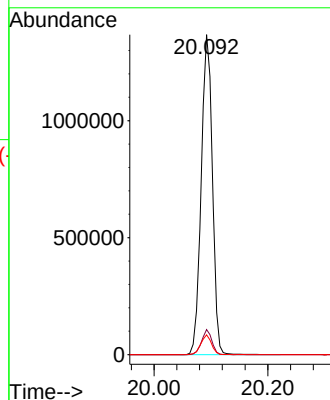
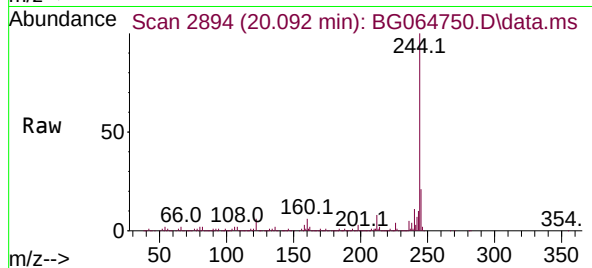
122 6.2 4.3 6.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#80

Butylbenzylphthalate

Concen: 51.231 ng

RT: 20.774 min Scan# 3010

Delta R.T. 0.004 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

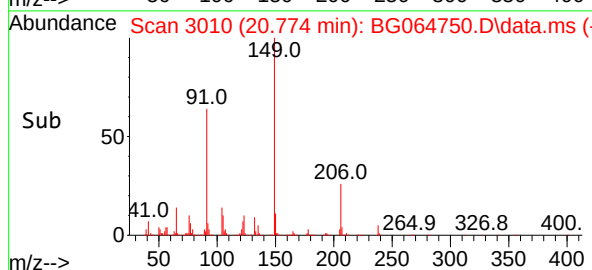
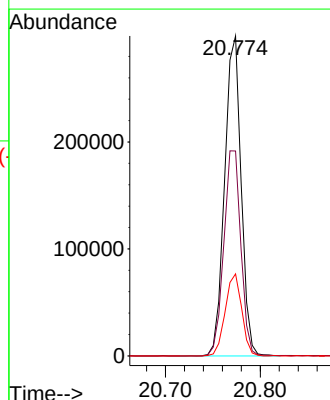
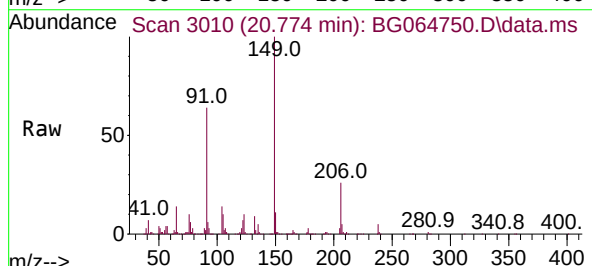
Tgt Ion:149 Resp: 360898

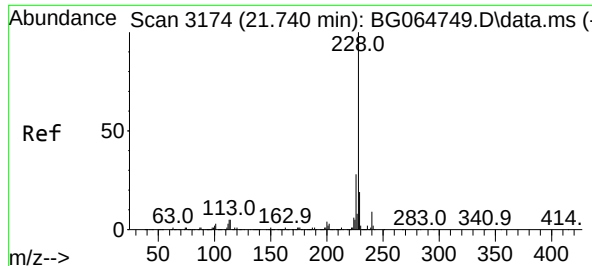
Ion Ratio Lower Upper

149 100

91 64.0 54.9 82.3

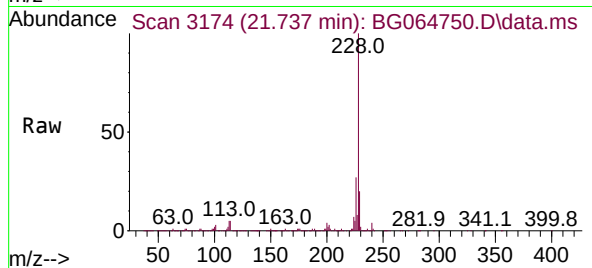
206 25.6 21.2 31.8





#81
Benzo(a)anthracene
Concen: 49.906 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

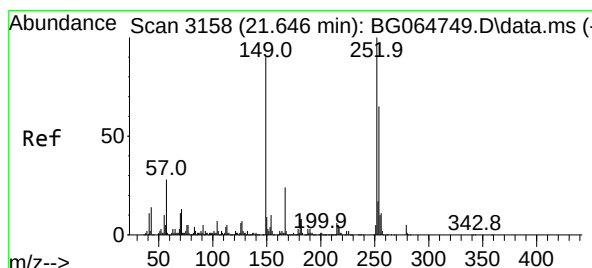
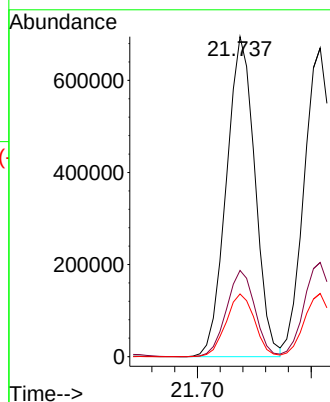
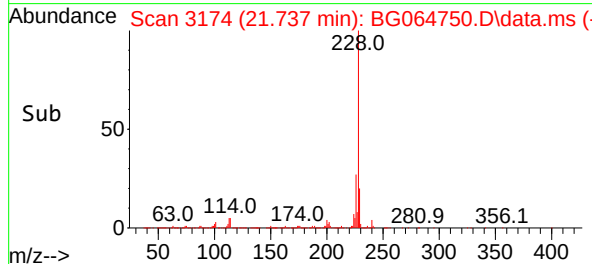
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 1212620
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.6 15.5 23.3

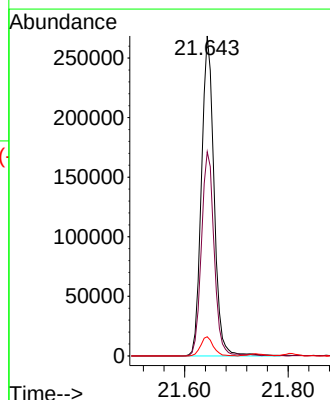
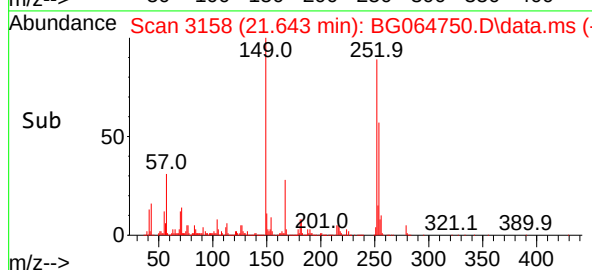
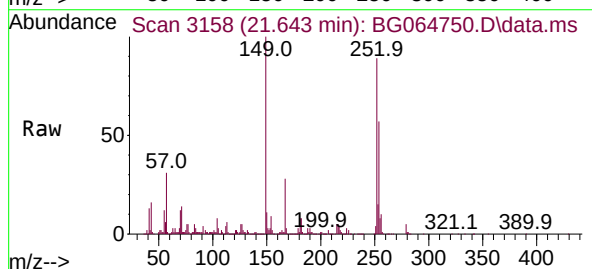
Manual Integrations
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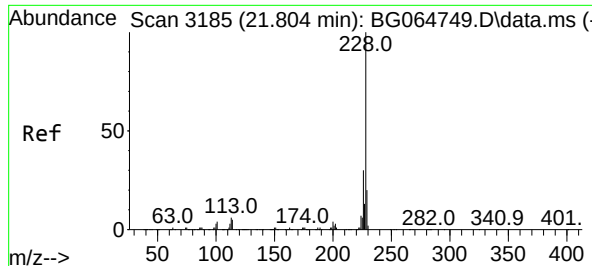
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 50.644 ng
RT: 21.643 min Scan# 3158
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

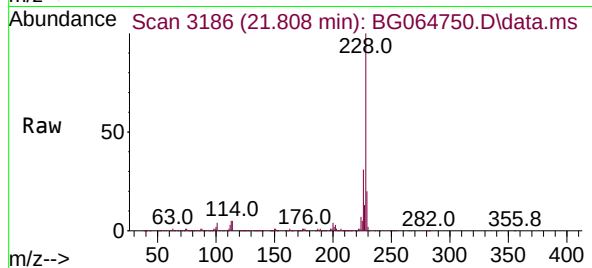
Tgt Ion:252 Resp: 452926
Ion Ratio Lower Upper
252 100
254 63.8 51.8 77.8
126 6.0 4.7 7.1





#83
Chrysene
Concen: 49.398 ng
RT: 21.808 min Scan# 3185
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

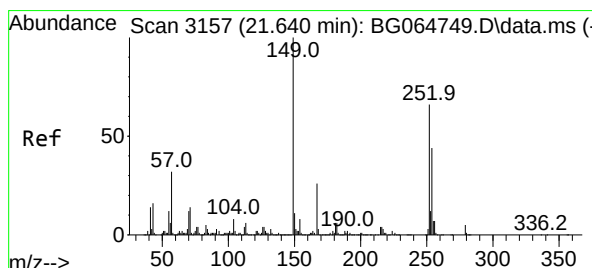
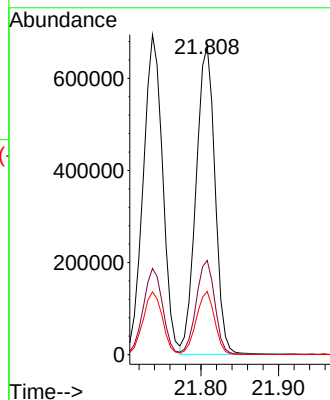
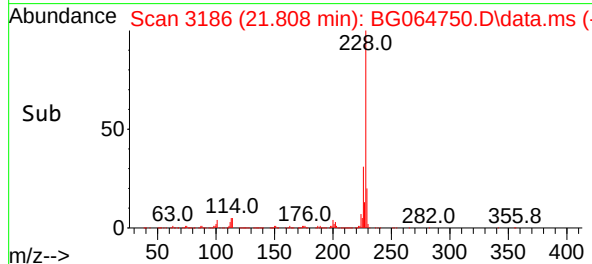
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 1131589
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 20.5 16.0 24.0

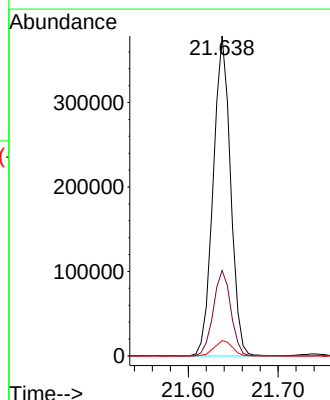
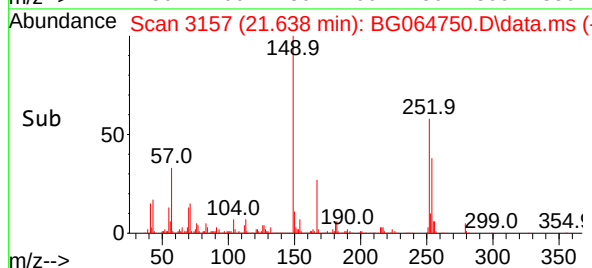
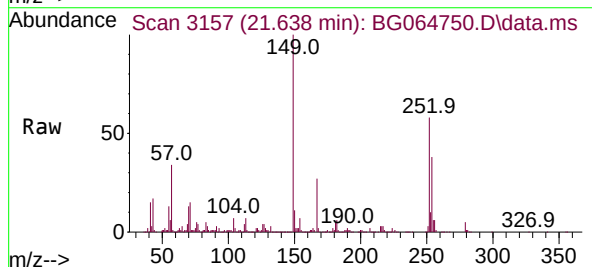
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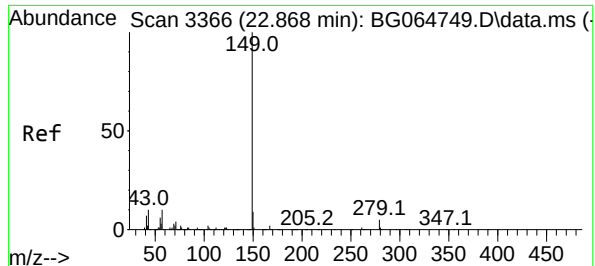
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.532 ng
RT: 21.638 min Scan# 3157
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

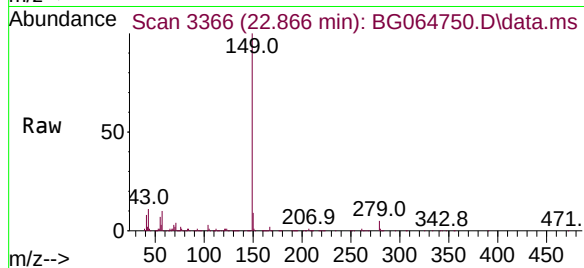
Tgt Ion:149 Resp: 509870
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.4
279 4.8 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 49.360 ng
RT: 22.866 min Scan# 3366
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

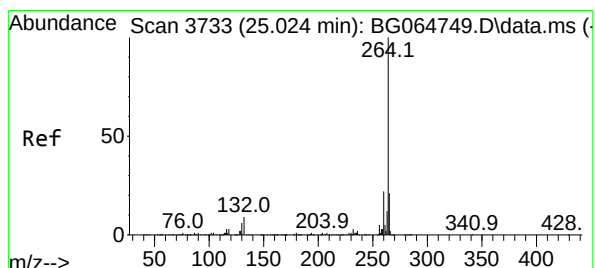
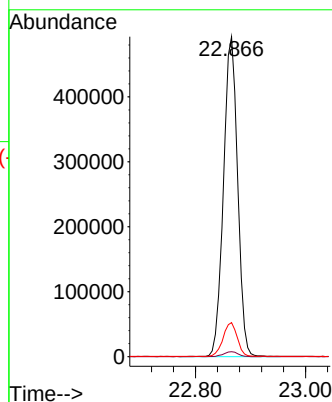
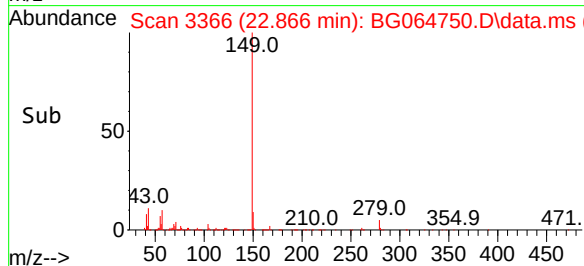
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 878300
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.6 8.3 12.5

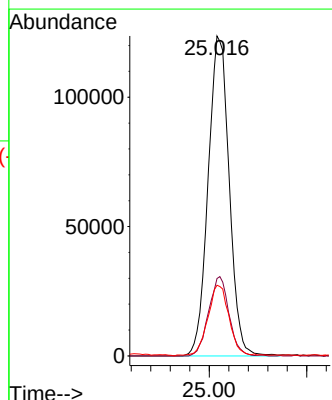
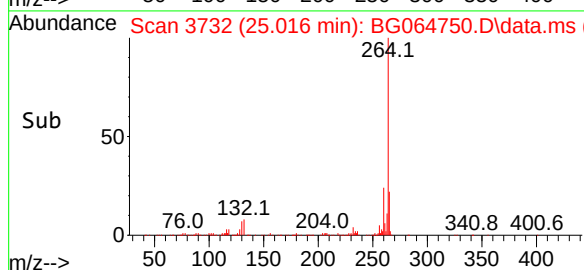
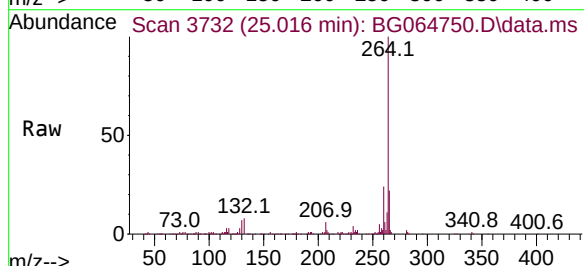
Manual Integrations
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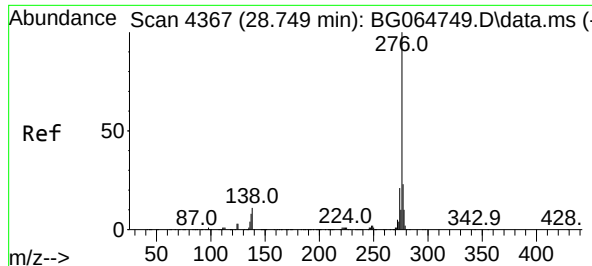
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3732
Delta R.T. -0.008 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

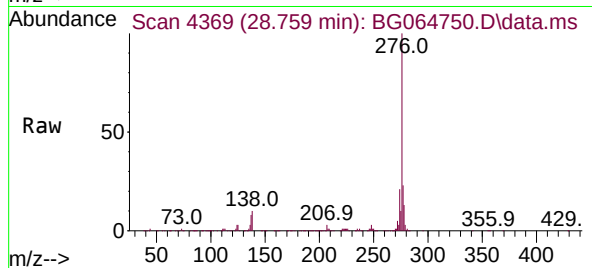
Tgt Ion:264 Resp: 371257
Ion Ratio Lower Upper
264 100
260 24.2 17.2 25.8
265 22.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.094 ng
RT: 28.759 min Scan# 4367
Delta R.T. 0.010 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

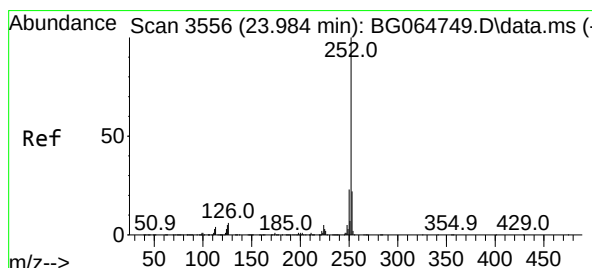
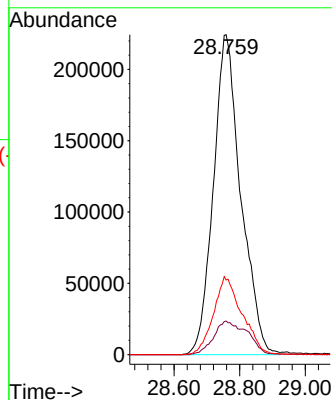
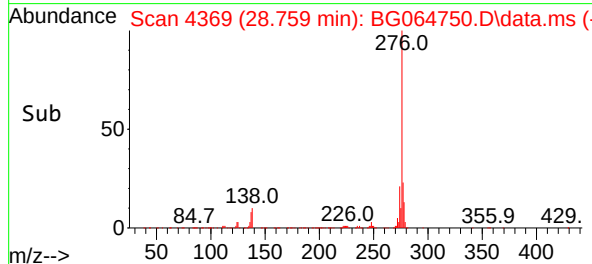
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:276 Resp: 130323
Ion Ratio Lower Upper
276 100
138 12.8 4.5 6.7
277 25.3 20.0 30.0

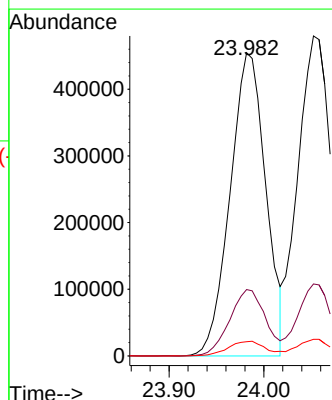
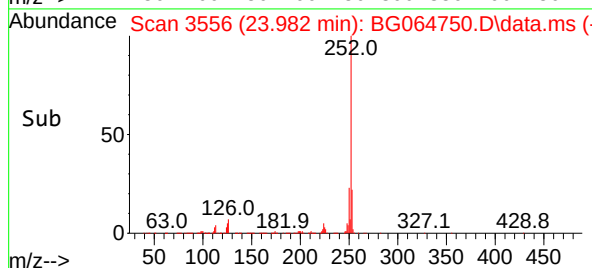
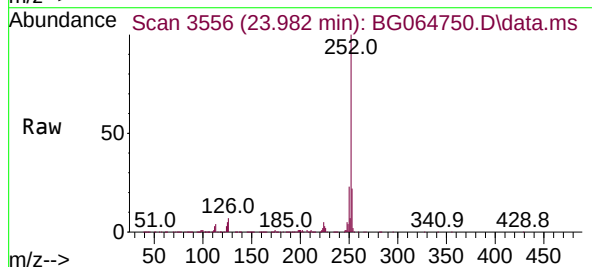
Manual Integrations
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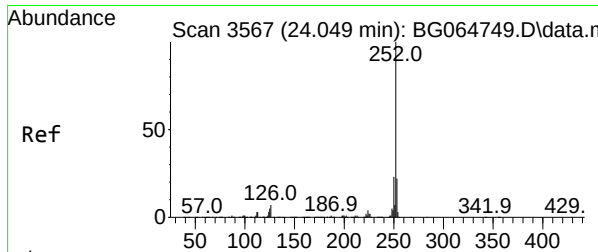
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#88
Benzo(b)fluoranthene
Concen: 50.239 ng
RT: 23.982 min Scan# 3556
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

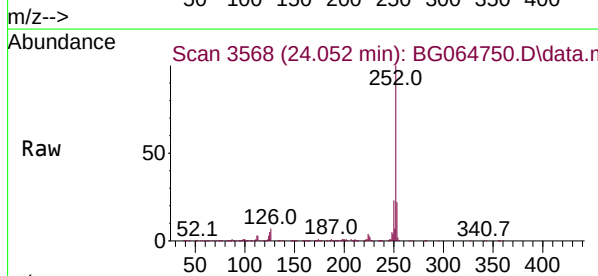
Tgt Ion:252 Resp: 1186948
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 4.7 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 50.009 ng
RT: 24.052 min Scan# 3567
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

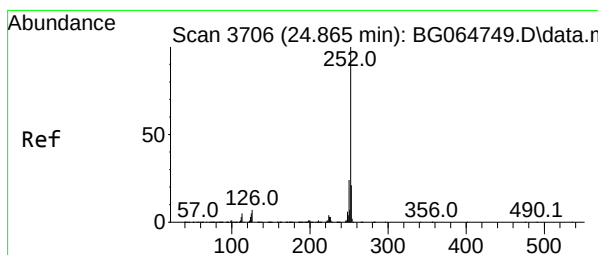
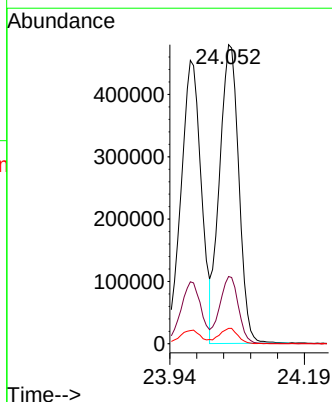
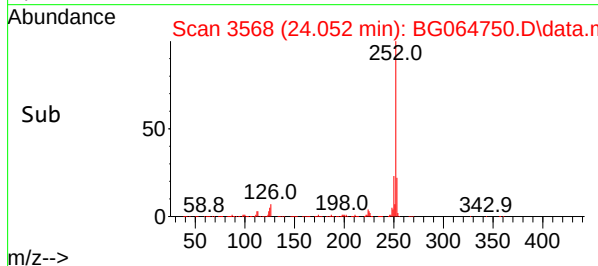
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion:252 Resp: 118702
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 5.2 4.1 6.1

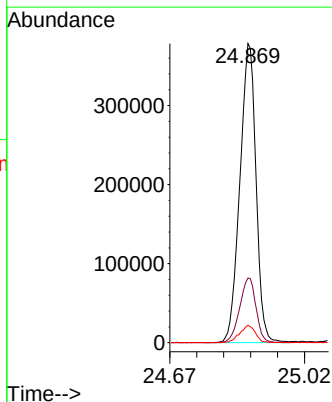
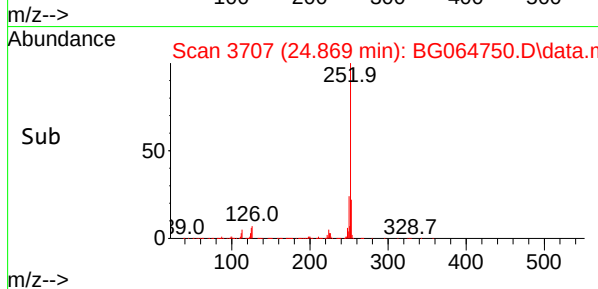
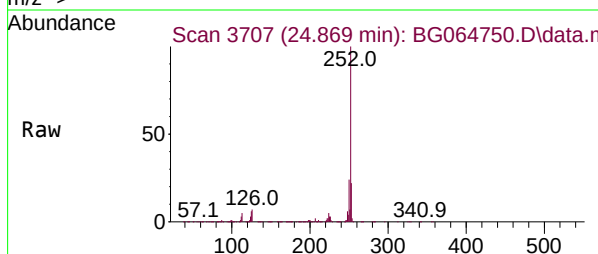
Manual Integrations
APPROVED

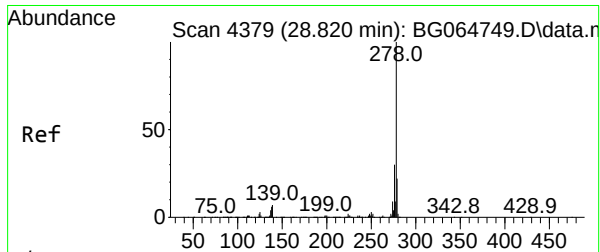
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#90
Benzo(a)pyrene
Concen: 50.040 ng
RT: 24.869 min Scan# 3707
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:252 Resp: 1096687
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 5.8 4.2 6.4





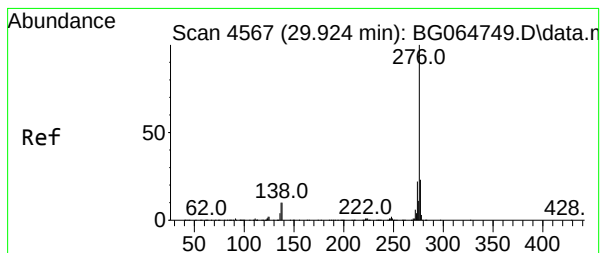
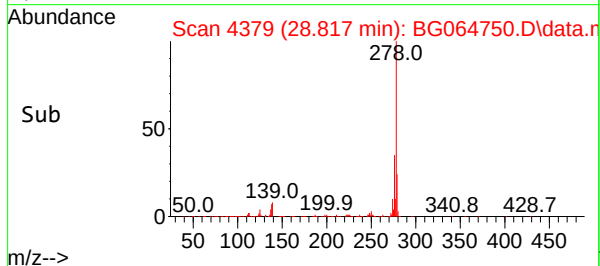
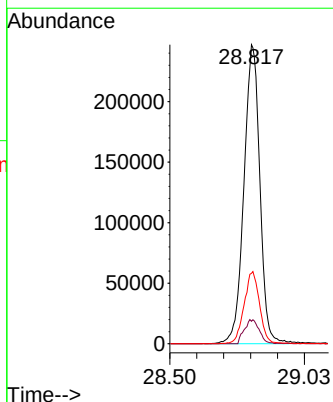
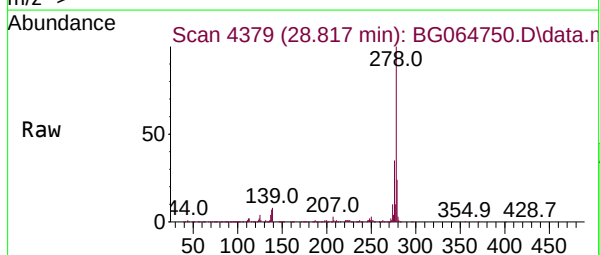
#91
Dibenzo(a,h)anthracene
Concen: 51.297 ng
RT: 28.817 min Scan# 4379
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 107186
Ion Ratio Lower Upper
278 100
139 7.5 5.8 8.8
279 23.5 17.3 25.9

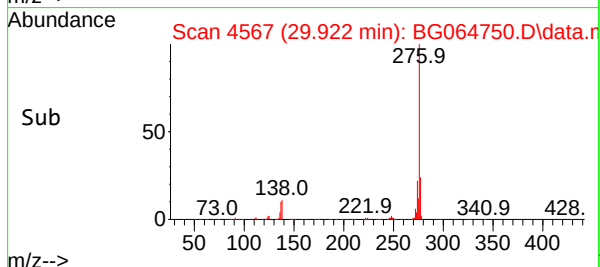
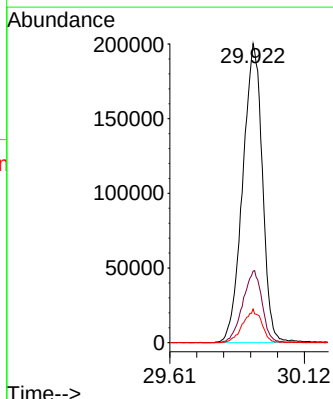
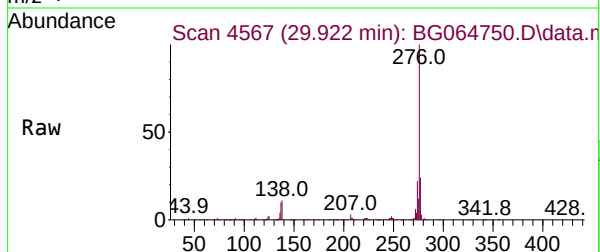
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 51.150 ng
RT: 29.922 min Scan# 4567
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Tgt Ion:276 Resp: 1028630
Ion Ratio Lower Upper
276 100
277 23.9 18.0 27.0
138 11.3 8.2 12.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064751.D
 Acq On : 12 Nov 2025 15:23
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:58:57 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	33014	20.000	ng	# 0.00
21) Naphthalene-d8	10.985	136	129015	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	101714	20.000	ng	0.00
64) Phenanthrene-d10	17.507	188	257987	20.000	ng	0.00
76) Chrysene-d12	21.761	240	346774	20.000	ng	0.00
86) Perylene-d12	25.022	264	359143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	227918	120.553	ng	0.00
7) Phenol-d6	7.313	99	304043	120.912	ng	0.00
23) Nitrobenzene-d5	9.334	82	318003	121.869	ng	0.00
42) 2,4,6-Tribromophenol	16.256	330	245951	123.984	ng	0.00
45) 2-Fluorobiphenyl	13.412	172	875247	120.069	ng	0.00
79) Terphenyl-d14	20.092	244	2066057	117.198	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.529	88	41639	56.890	ng	Qvalue 95
3) Pyridine	3.947	79	133087	61.027	ng	98
4) n-Nitrosodimethylamine	3.853	42	66573	59.978	ng	96
6) Aniline	7.484	93	201403	60.089	ng	98
8) 2-Chlorophenol	7.730	128	121303	58.433	ng	98
9) Benzaldehyde	7.290	77	99425	60.402	ng	89
10) Phenol	7.337	94	165308	60.421	ng	99
11) bis(2-Chloroethyl)ether	7.572	93	115271	59.208	ng	97
12) 1,3-Dichlorobenzene	8.059	146	139888	58.561	ng	98
13) 1,4-Dichlorobenzene	8.206	146	143437	58.970	ng	98
14) 1,2-Dichlorobenzene	8.524	146	141531	60.010	ng	97
15) Benzyl Alcohol	8.400	79	126393	61.236	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.694	45	266169	57.760	ng	97
17) 2-Methylphenol	8.600	107	114526	59.160	ng	97
18) Hexachloroethane	9.264	117	53606	58.188	ng	99
19) n-Nitroso-di-n-propyla...	8.976	70	102626	60.360	ng	100
20) 3+4-Methylphenols	8.929	107	158700	59.841	ng	92
22) Acetophenone	8.988	105	211524	60.179	ng	# 99
24) Nitrobenzene	9.375	77	160696	60.949	ng	99
25) Isophorone	9.898	82	300843	60.543	ng	98
26) 2-Nitrophenol	10.086	139	76283	64.325	ng	93
27) 2,4-Dimethylphenol	10.139	122	130184	61.791	ng	98
28) bis(2-Chloroethoxy)met...	10.374	93	163781	60.037	ng	98
29) 2,4-Dichlorophenol	10.627	162	141372	62.500	ng	99
30) 1,2,4-Trichlorobenzene	10.844	180	161988	59.307	ng	98
31) Naphthalene	11.032	128	433362	59.254	ng	100
32) Benzoic acid	10.280	122	98796m	64.105	ng	
33) 4-Chloroaniline	11.132	127	180399	61.662	ng	97
34) Hexachlorobutadiene	11.326	225	138036	58.901	ng	97
35) Caprolactam	11.908	113	41409	61.260	ng	96
36) 4-Chloro-3-methylphenol	12.237	107	155480	61.757	ng	98
37) 2-Methylnaphthalene	12.625	142	323161	59.046	ng	99
38) 1-Methylnaphthalene	12.842	142	317238	58.353	ng	99
40) 1,2,4,5-Tetrachloroben...	12.989	216	240877	60.852	ng	99
41) Hexachlorocyclopentadiene	12.971	237	180651	63.670	ng	96
43) 2,4,6-Trichlorophenol	13.218	196	146850	63.209	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064751.D
 Acq On : 12 Nov 2025 15:23
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:58:57 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

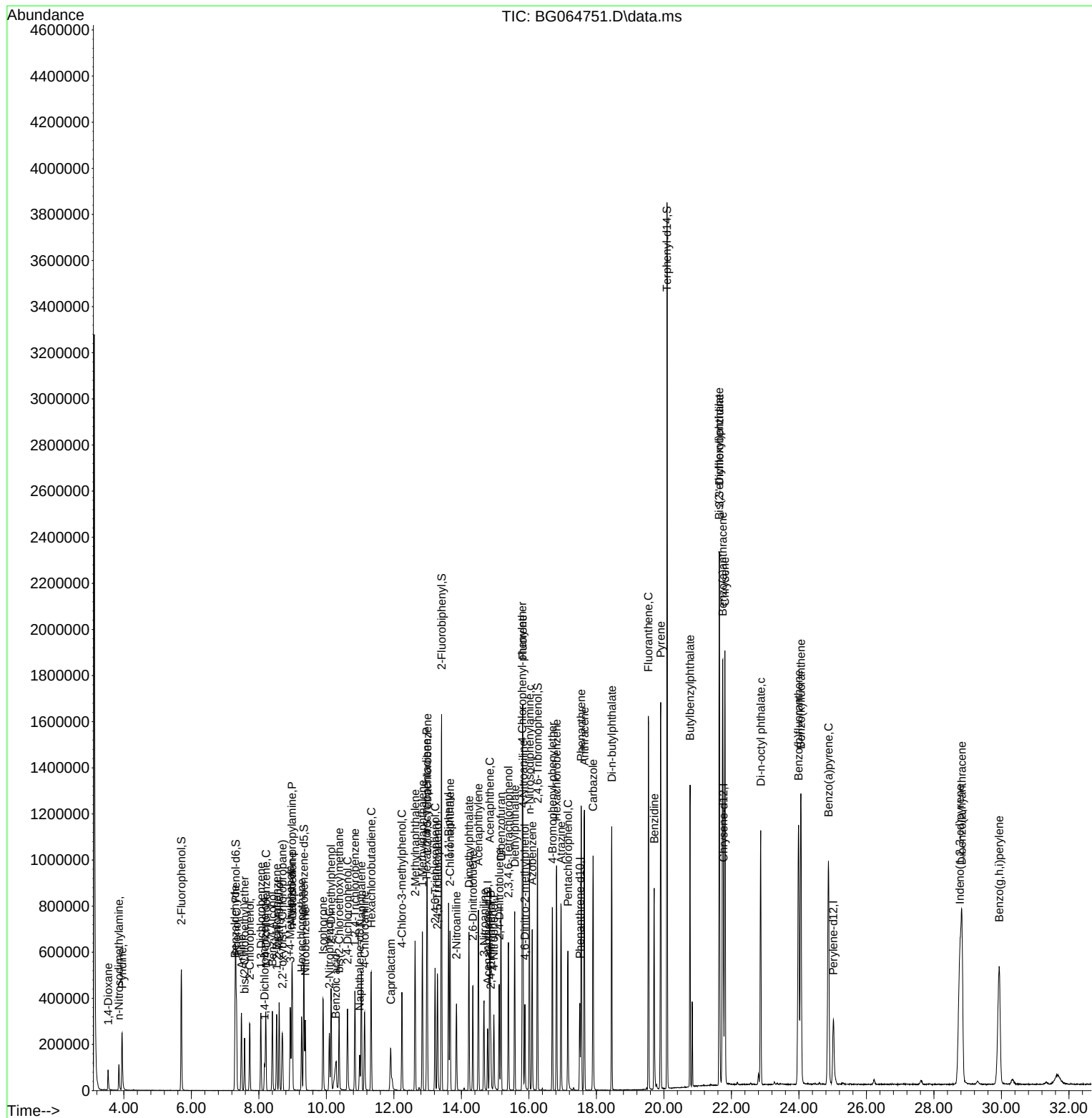
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.289	196	161978	62.163	ng	96
46) 1,1'-Biphenyl	13.618	154	439700	60.188	ng	97
47) 2-Chloronaphthalene	13.665	162	347150	60.317	ng	99
48) 2-Nitroaniline	13.853	65	119346	64.470	ng	95
49) Acenaphthylene	14.505	152	600143	61.036	ng	98
50) Dimethylphthalate	14.223	163	485762	60.458	ng	98
51) 2,6-Dinitrotoluene	14.340	165	98168	63.495	ng	97
52) Acenaphthene	14.840	154	370233	62.799	ng	100
53) 3-Nitroaniline	14.669	138	99543	65.234	ng	97
54) 2,4-Dinitrophenol	14.869	184	60324	59.432	ng	89
55) Dibenzofuran	15.175	168	576483	59.147	ng	98
56) 4-Nitrophenol	14.963	139	79581	65.732	ng	96
57) 2,4-Dinitrotoluene	15.122	165	149083	64.319	ng	# 97
58) Fluorene	15.815	166	450137	58.885	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.392	232	165755	64.473	ng	97
60) Diethylphthalate	15.580	149	463685	60.243	ng	100
61) 4-Chlorophenyl-phenyle...	15.803	204	272931	59.493	ng	99
62) 4-Nitroaniline	15.827	138	102284	64.702	ng	100
63) Azobenzene	16.097	77	383102	59.841	ng	97
65) 4,6-Dinitro-2-methylph...	15.880	198	97291	67.922	ng	96
66) n-Nitrosodiphenylamine	16.015	169	408909	60.512	ng	100
67) 4-Bromophenyl-phenylether	16.696	248	207947	61.378	ng	98
68) Hexachlorobenzene	16.820	284	245522	59.815	ng	97
69) Atrazine	16.955	200	195803	60.098	ng	97
70) Pentachlorophenol	17.155	266	144648	61.120	ng	98
71) Phenanthrene	17.548	178	843427	59.753	ng	99
72) Anthracene	17.642	178	861577	59.861	ng	100
73) Carbazole	17.901	167	739493	59.766	ng	99
74) Di-n-butylphthalate	18.453	149	828062	59.986	ng	100
75) Fluoranthene	19.540	202	1141630	59.146	ng	99
77) Benzidine	19.710	184	574724	55.340	ng	99
78) Pyrene	19.904	202	1181920	60.813	ng	99
80) Butylbenzylphthalate	20.774	149	413202	60.444	ng	96
81) Benzo(a)anthracene	21.737	228	1388051	58.867	ng	99
82) 3,3'-Dichlorobenzidine	21.643	252	498737	57.466	ng	99
83) Chrysene	21.808	228	1326816	59.686	ng	99
84) Bis(2-ethylhexyl)phtha...	21.638	149	586917	58.754	ng	99
85) Di-n-octyl phthalate	22.866	149	1013682	58.705	ng	100
87) Indeno(1,2,3-cd)pyrene	28.765	276	1512216	61.287	ng	# 98
88) Benzo(b)fluoranthene	23.988	252	1405334	61.488	ng	100
89) Benzo(k)fluoranthene	24.058	252	1353541	58.948	ng	99
90) Benzo(a)pyrene	24.875	252	1281570	60.448	ng	98
91) Dibenzo(a,h)anthracene	28.823	278	1235848	61.139	ng	96
92) Benzo(g,h,i)perylene	29.934	276	1188967	61.117	ng	96

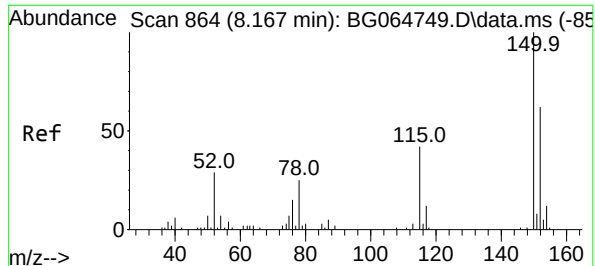
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

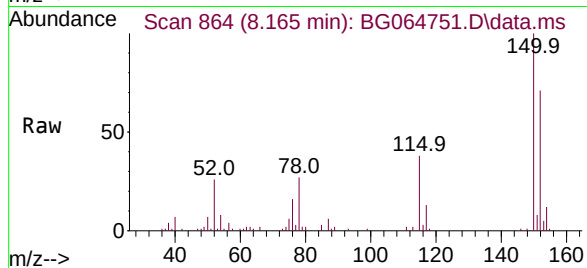
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

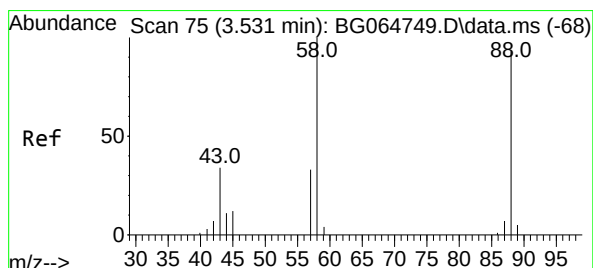
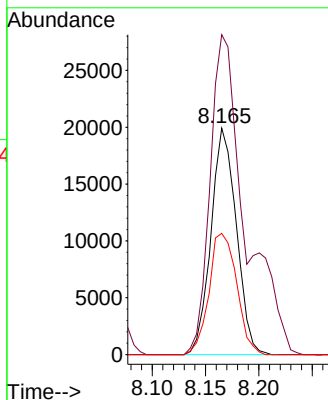
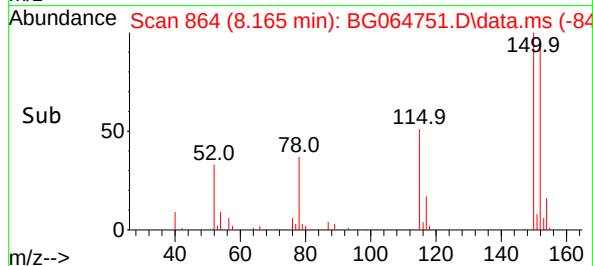
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 33014
Ion Ratio Lower Upper
152 100
150 141.3 129.2 193.8
115 53.5 53.7 80.5

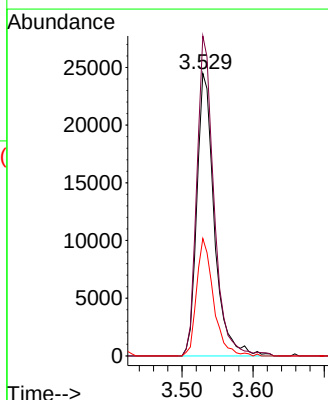
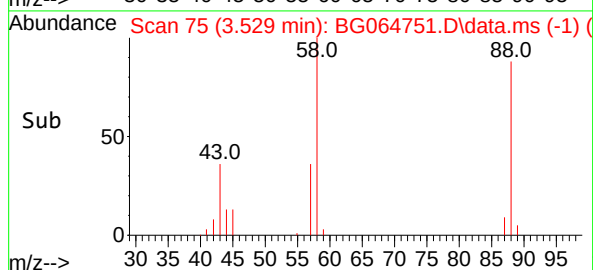
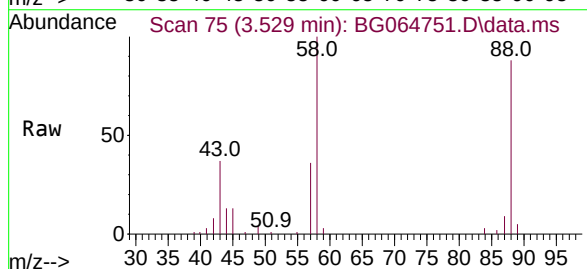
Manual Integrations
APPROVED

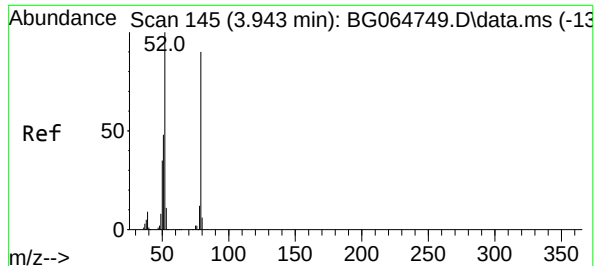
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 56.890 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

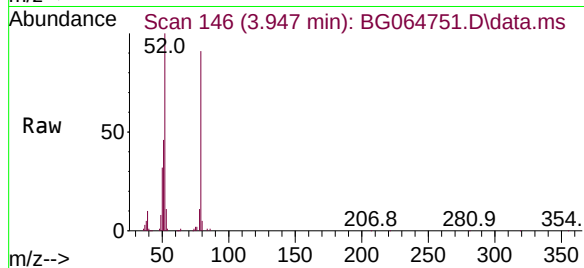
Tgt Ion: 88 Resp: 41639
Ion Ratio Lower Upper
88 100
58 111.2 84.6 126.8
43 40.2 30.0 45.0





#3
Pyridine
Concen: 61.027 ng
RT: 3.947 min Scan# 145
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

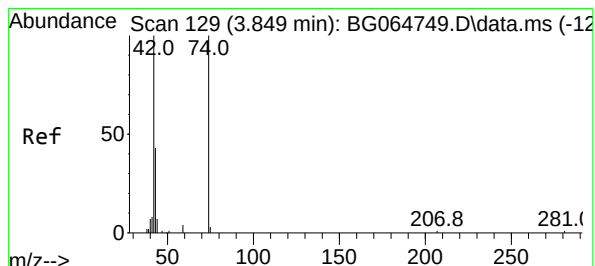
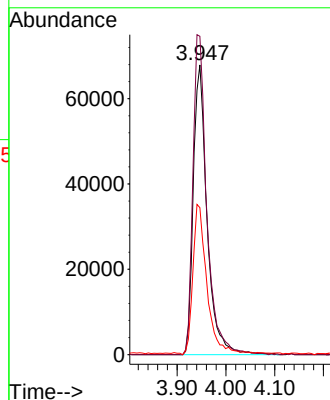
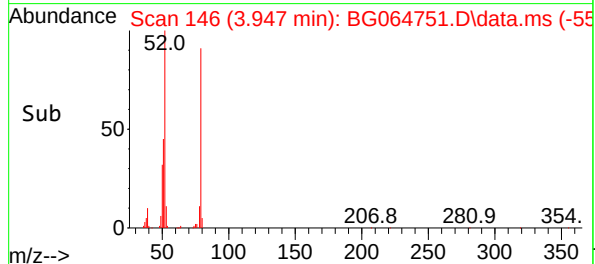
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 133087
Ion Ratio Lower Upper
79 100
52 109.8 89.0 133.4
51 50.7 43.4 65.0

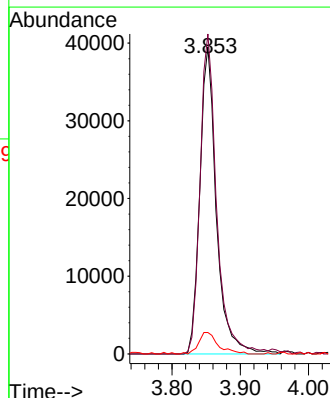
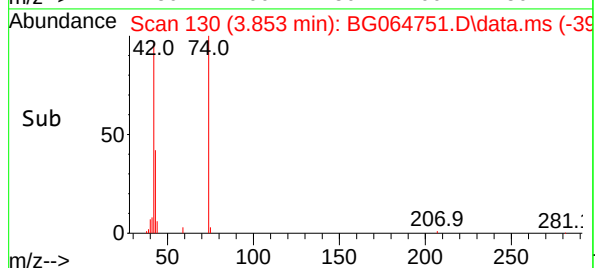
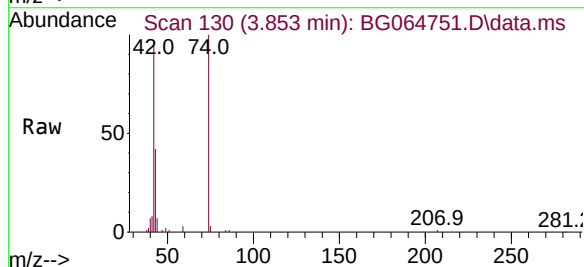
Manual Integrations
APPROVED

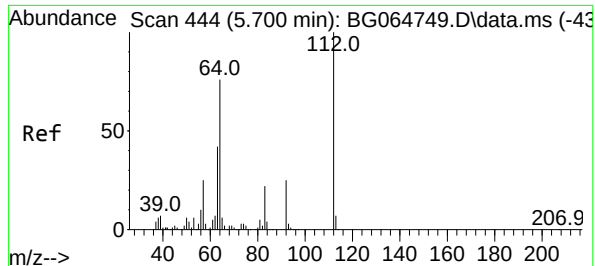
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 59.978 ng
RT: 3.853 min Scan# 130
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 42 Resp: 66573
Ion Ratio Lower Upper
42 100
74 104.2 79.8 119.6
44 7.0 5.9 8.9





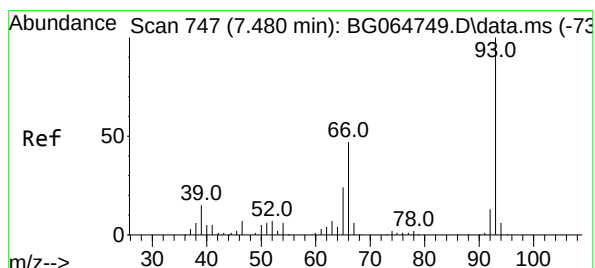
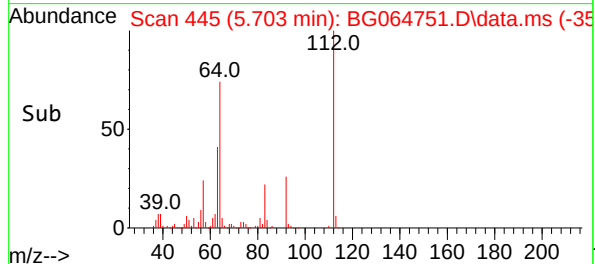
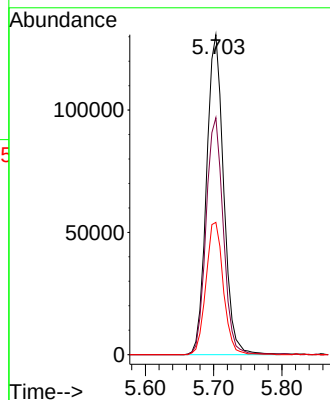
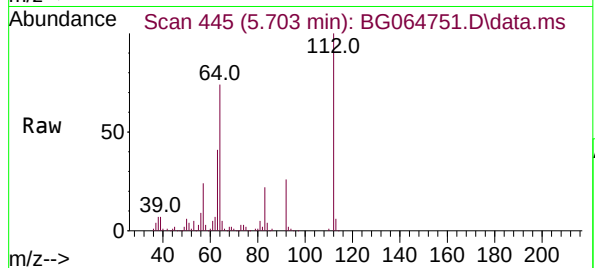
#5
2-Fluorophenol
Concen: 120.553 ng
RT: 5.703 min Scan# 444
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 227918
Ion Ratio Lower Upper
112 100
64 74.0 61.0 91.4
63 41.3 33.3 49.9

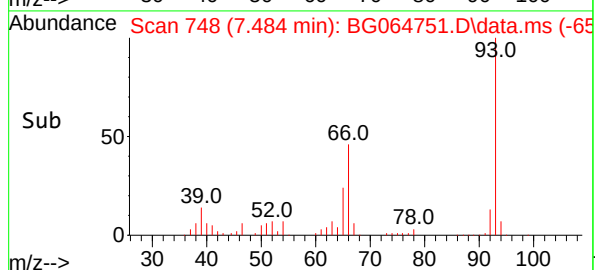
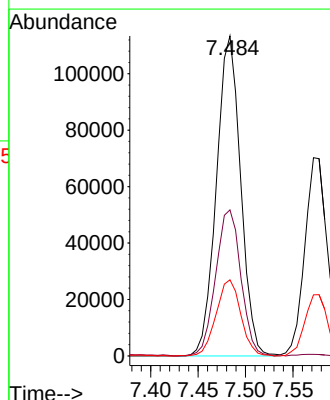
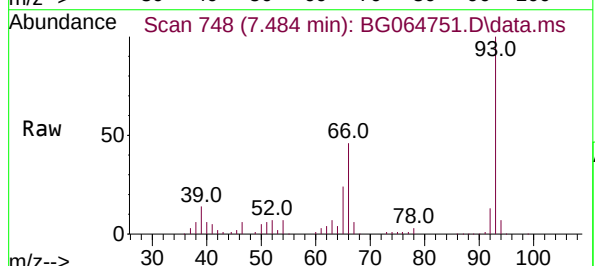
Manual Integrations
APPROVED

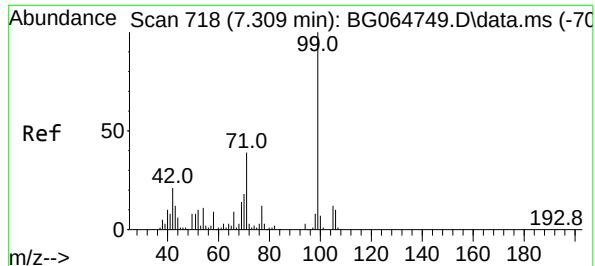
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 60.089 ng
RT: 7.484 min Scan# 748
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

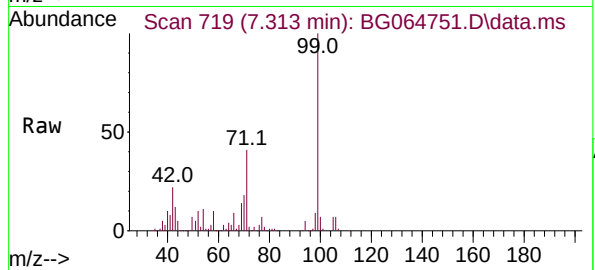
Tgt Ion: 93 Resp: 201403
Ion Ratio Lower Upper
93 100
66 45.6 37.7 56.5
65 23.8 19.1 28.7





#7
Phenol-d6
Concen: 120.912 ng
RT: 7.313 min Scan# 718
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

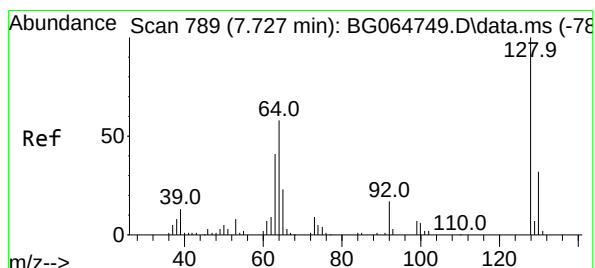
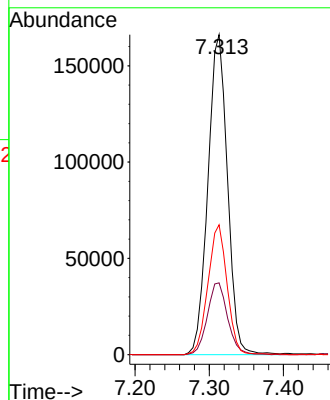
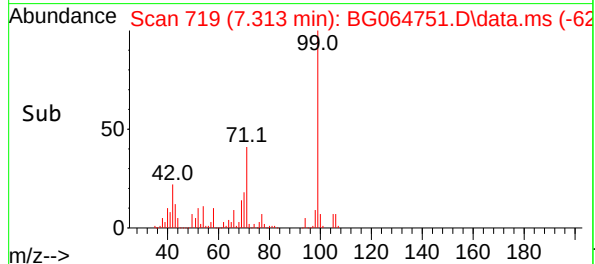
Instrument :
BNA_G
Client Sample Id :
SSTDICC060



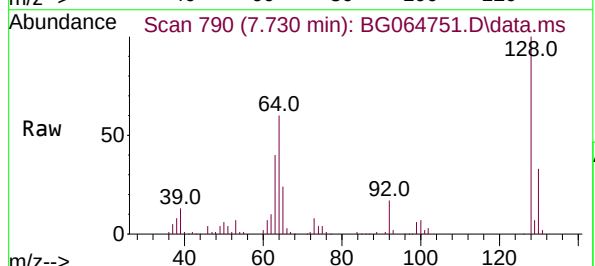
Tgt Ion: 99 Resp: 304043
Ion Ratio Lower Upper
99 100
42 22.4 16.8 25.2
71 40.6 31.1 46.7

Manual Integrations
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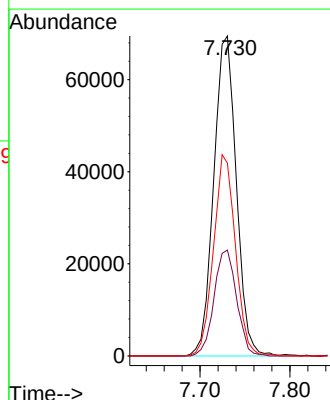
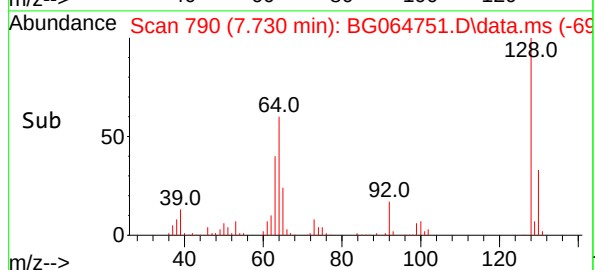
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

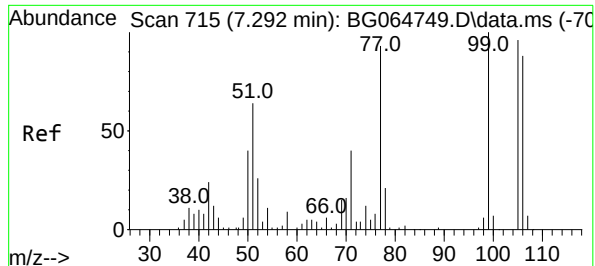


#8
2-Chlorophenol
Concen: 58.433 ng
RT: 7.730 min Scan# 790
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



Tgt Ion:128 Resp: 121303
Ion Ratio Lower Upper
128 100
130 33.1 11.9 51.9
64 60.2 38.4 78.4





#9

Benzaldehyde

Concen: 60.402 ng

RT: 7.290 min Scan# 715

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

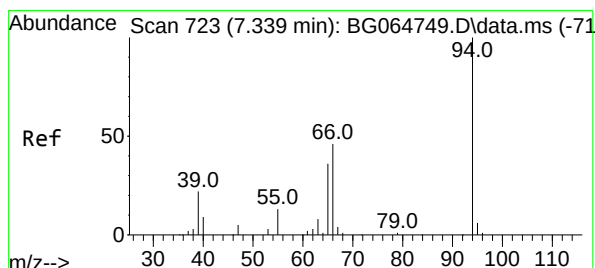
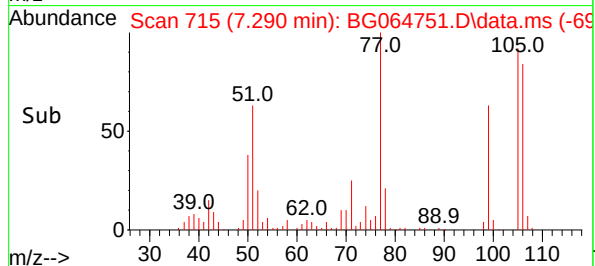
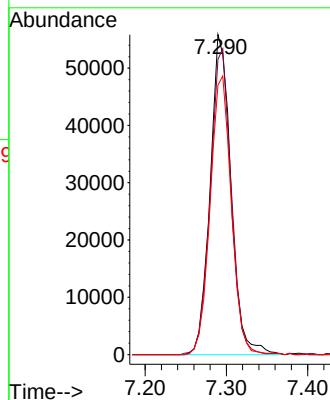
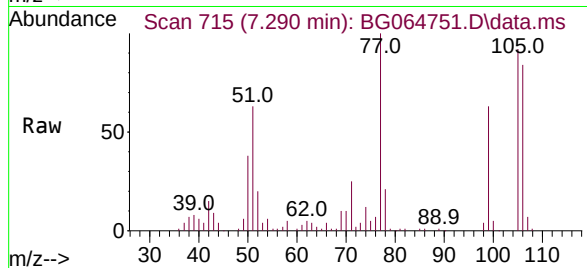
ClientSampleId :

SSTDICC060

Tgt Ion:	77	Resp:	99425
Ion	Ratio	Lower	Upper
77	100		
105	92.3	83.8	123.8
106	84.2	74.3	114.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 60.421 ng

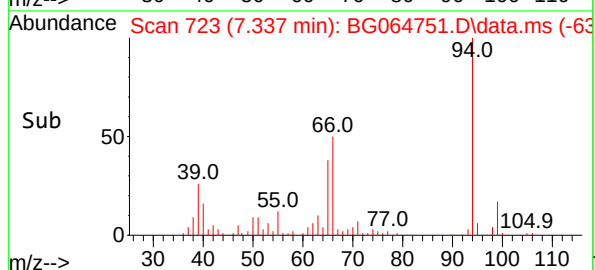
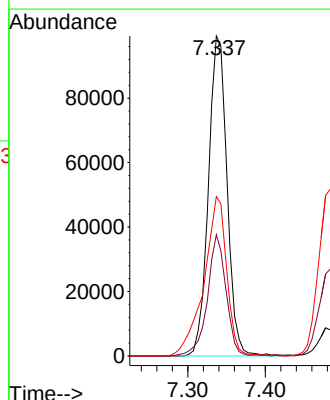
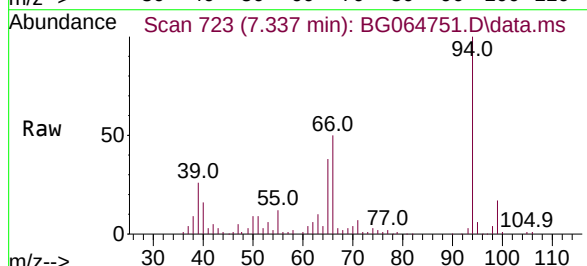
RT: 7.337 min Scan# 723

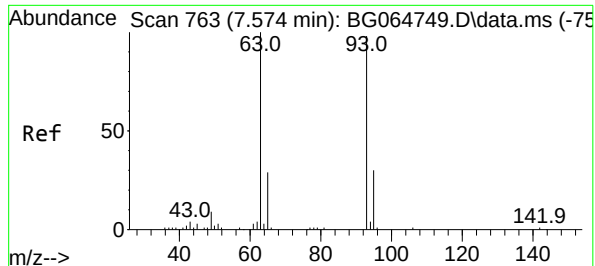
Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Tgt Ion:	94	Resp:	165308
Ion	Ratio	Lower	Upper
94	100		
65	37.9	17.0	57.0
66	49.8	29.8	69.8





#11

bis(2-Chloroethyl)ether

Concen: 59.208 ng

RT: 7.572 min Scan# 70

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 11527

Ion Ratio Lower Upper

93 100

63 104.4 81.8 121.8

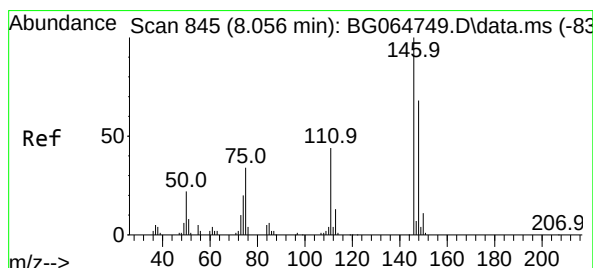
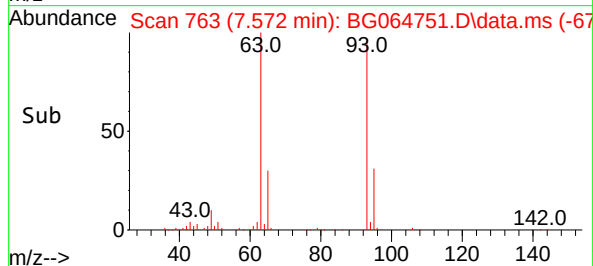
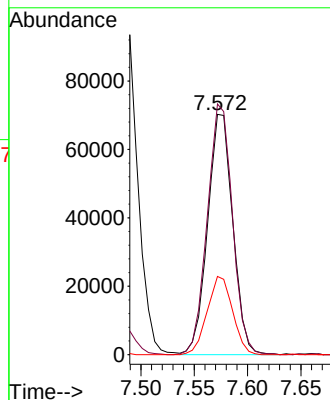
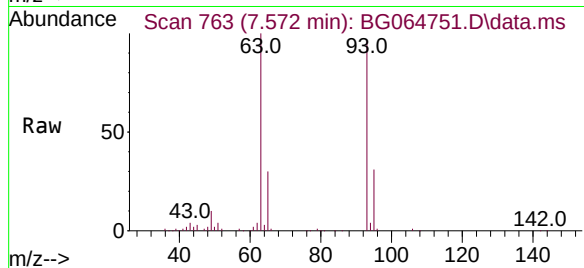
95 32.6 10.3 50.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 58.561 ng

RT: 8.059 min Scan# 846

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

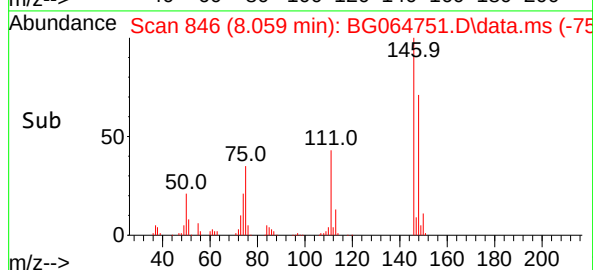
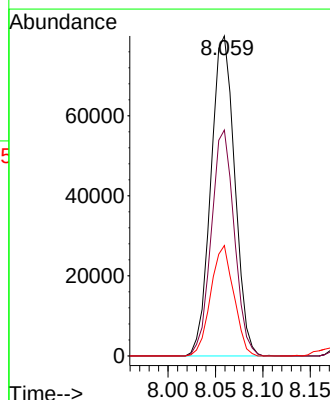
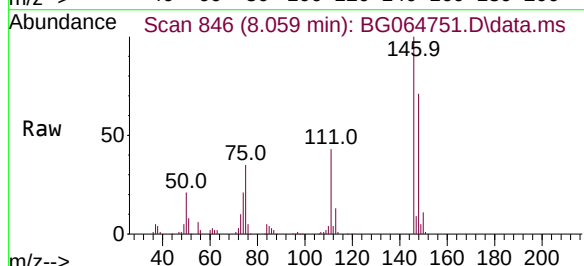
Tgt Ion:146 Resp: 139888

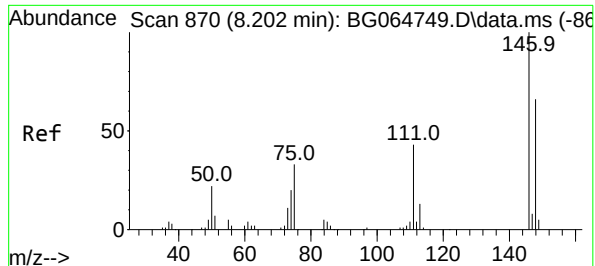
Ion Ratio Lower Upper

146 100

148 70.6 54.6 82.0

75 34.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 58.970 ng

RT: 8.206 min Scan# 870

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 14343

Ion Ratio Lower Upper

146 100

148 66.4 53.1 79.7

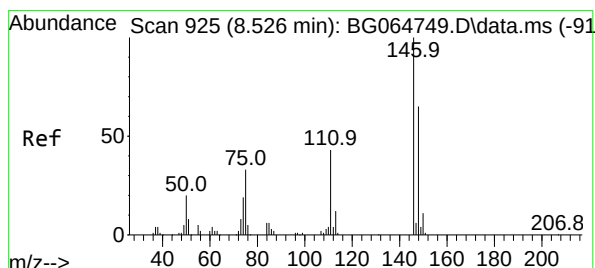
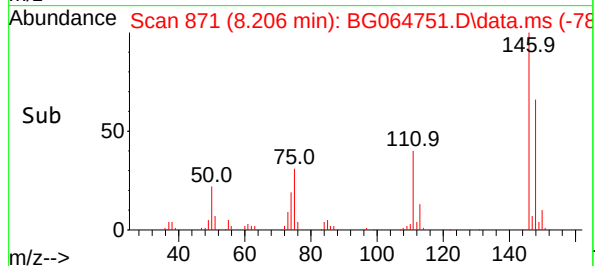
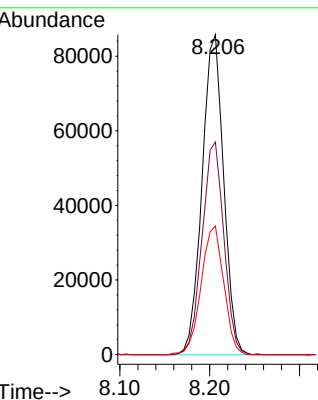
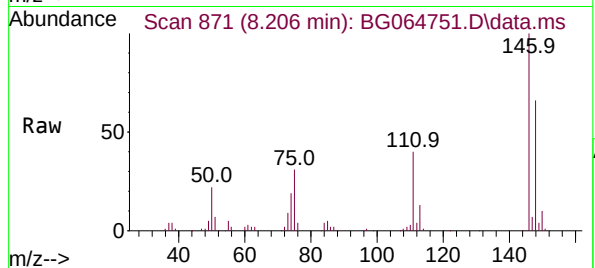
111 40.2 34.1 51.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 60.010 ng

RT: 8.524 min Scan# 925

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

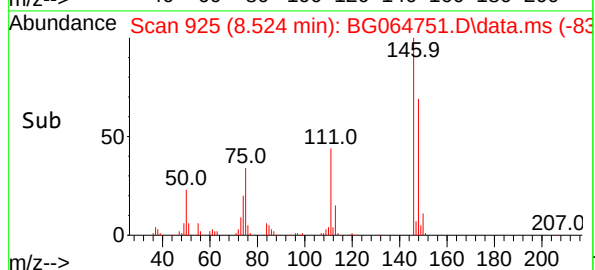
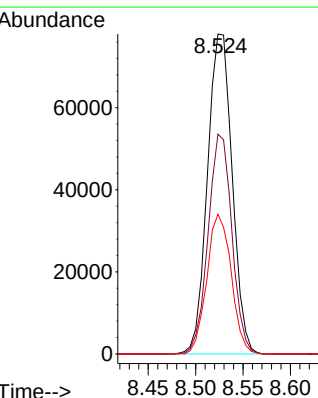
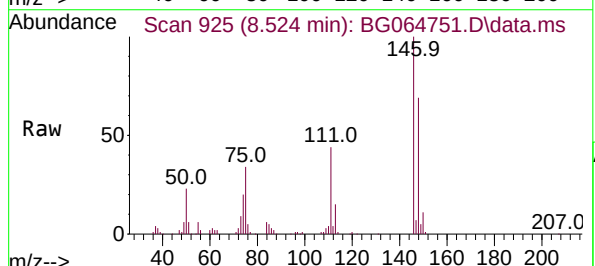
Tgt Ion:146 Resp: 141531

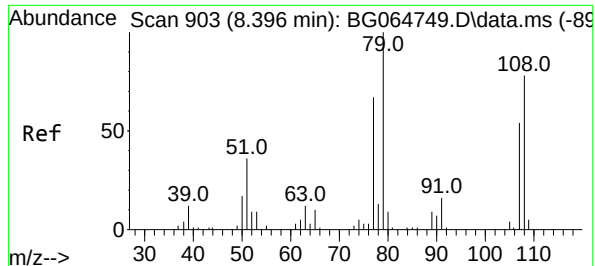
Ion Ratio Lower Upper

146 100

148 68.7 52.0 78.0

111 43.6 34.7 52.1





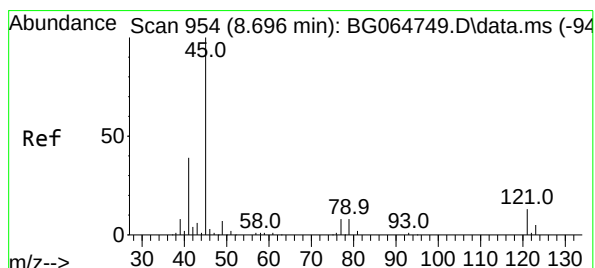
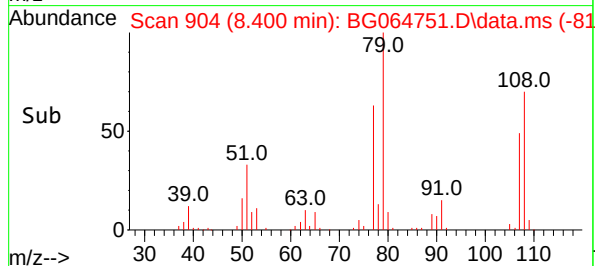
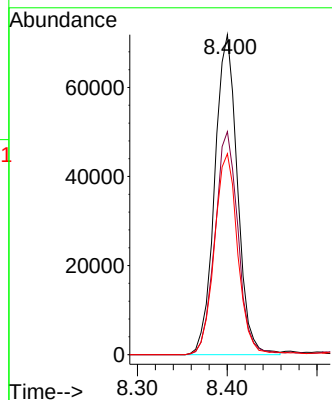
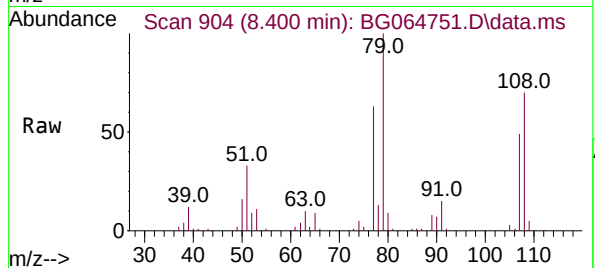
#15
Benzyl Alcohol
Concen: 61.236 ng
RT: 8.400 min Scan# 903
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :
BNA_G
Client SampleId :
SSTDICC060

Tgt Ion: 79 Resp: 126393
Ion Ratio Lower Upper
79 100
108 69.7 62.3 93.5
77 62.8 53.5 80.3

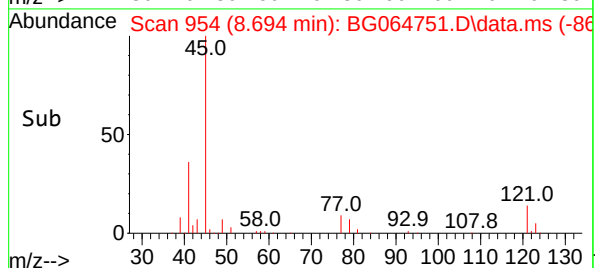
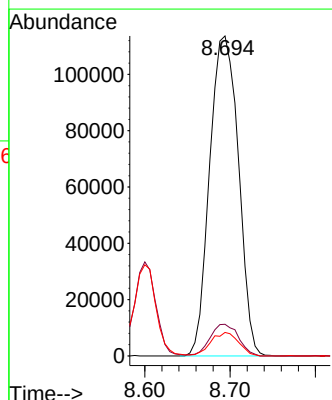
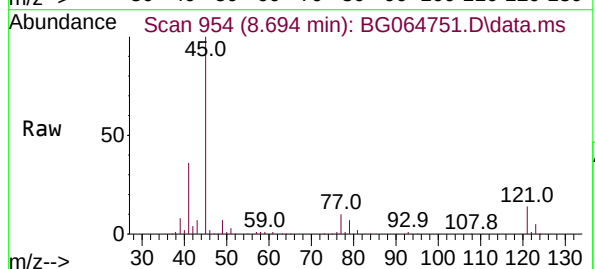
Manual Integrations
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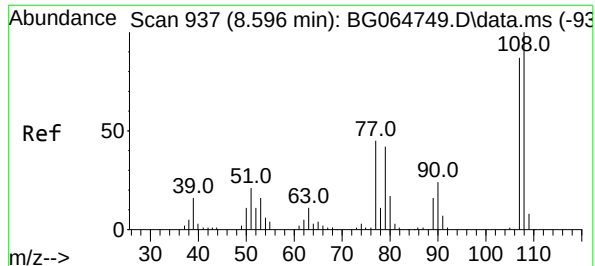
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.760 ng
RT: 8.694 min Scan# 954
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 45 Resp: 266169
Ion Ratio Lower Upper
45 100
77 9.9 0.0 28.8
79 7.3 0.0 28.1





#17

2-Methylphenol

Concen: 59.160 ng

RT: 8.600 min Scan# 937

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDIC060

Tgt Ion:107 Resp: 114526

Ion Ratio Lower Upper

107 100

108 110.4 92.6 138.8

77 50.6 41.2 61.8

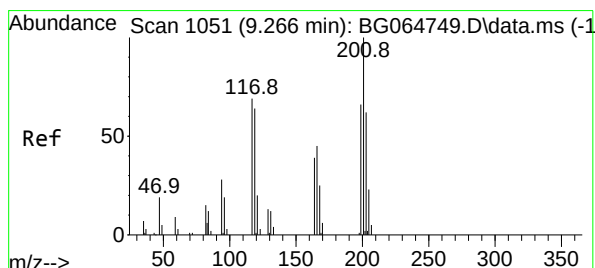
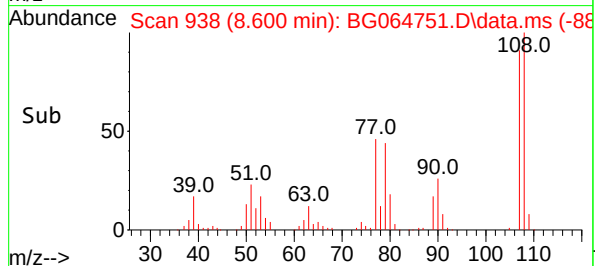
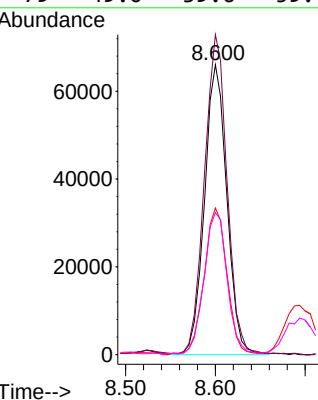
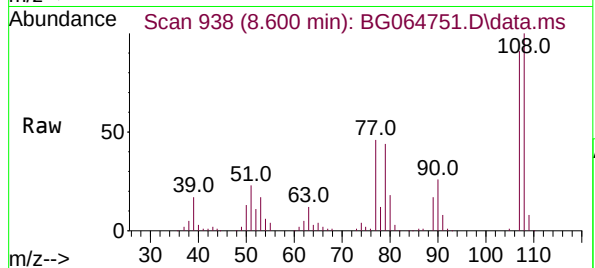
79 49.0 39.6 59.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 58.188 ng

RT: 9.264 min Scan# 1051

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

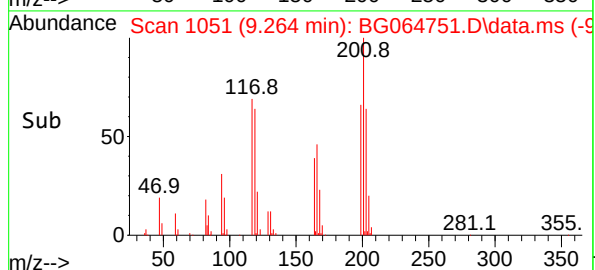
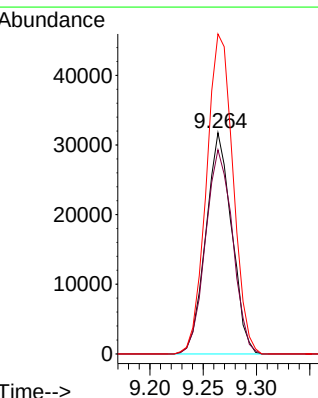
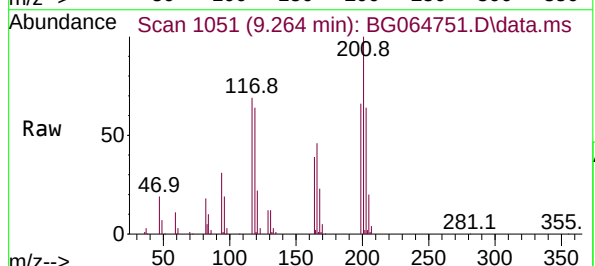
Tgt Ion:117 Resp: 53606

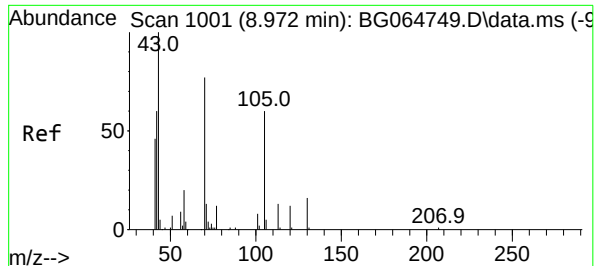
Ion Ratio Lower Upper

117 100

119 92.2 74.4 111.6

201 144.6 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 60.360 ng

RT: 8.976 min Scan# 1001

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 102620

Ion Ratio Lower Upper

70 100

42 78.4 62.6 93.8

101 10.5 8.0 12.0

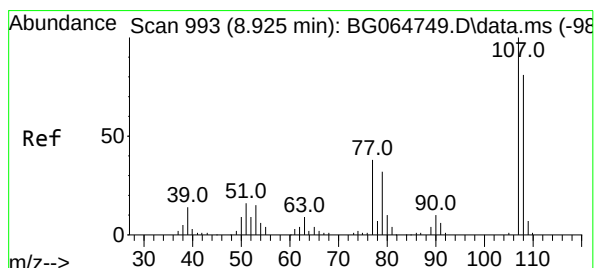
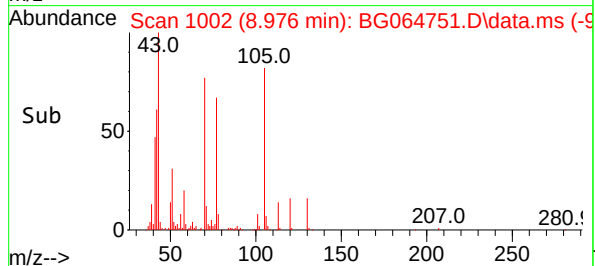
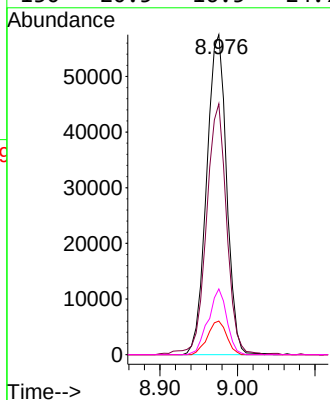
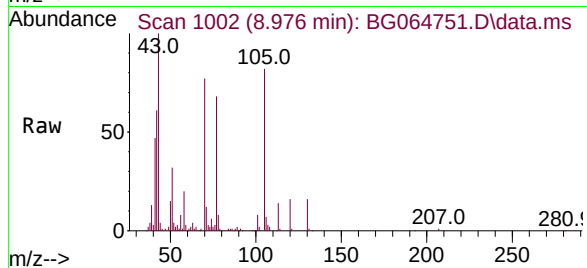
130 20.5 16.5 24.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 59.841 ng

RT: 8.929 min Scan# 994

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Tgt Ion:107 Resp: 158700

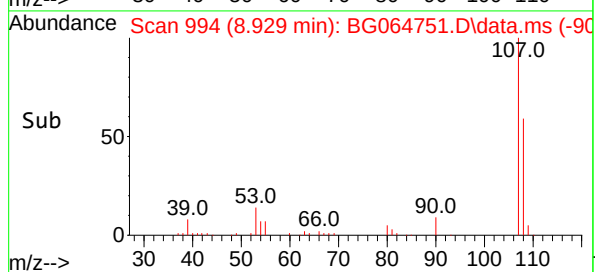
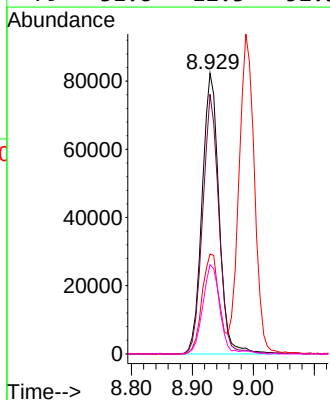
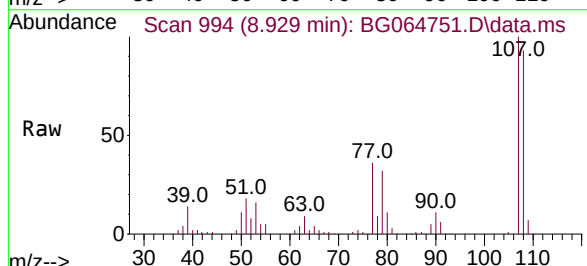
Ion Ratio Lower Upper

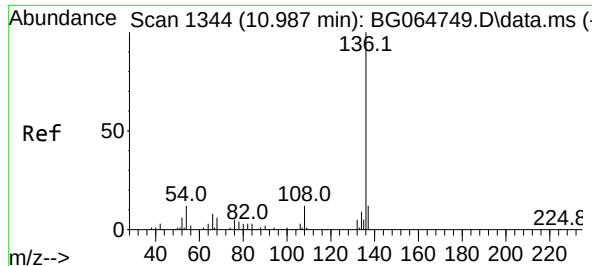
107 100

108 92.5 61.0 101.0

77 35.6 17.6 57.6

79 31.8 12.3 52.3





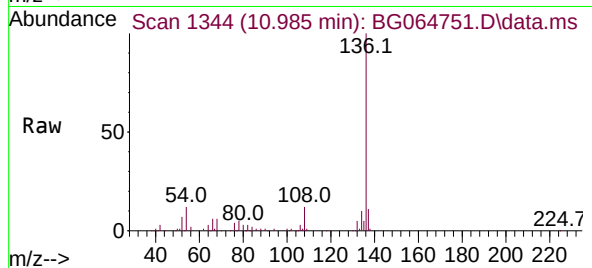
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

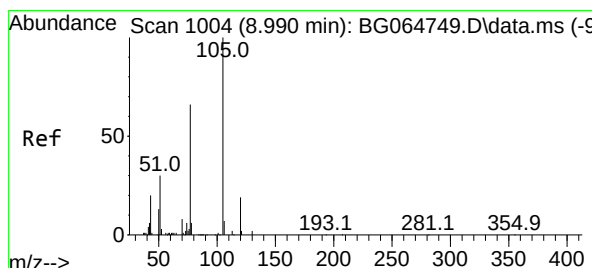
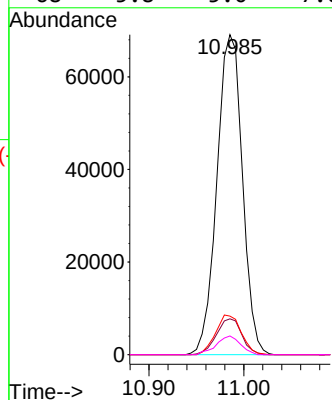
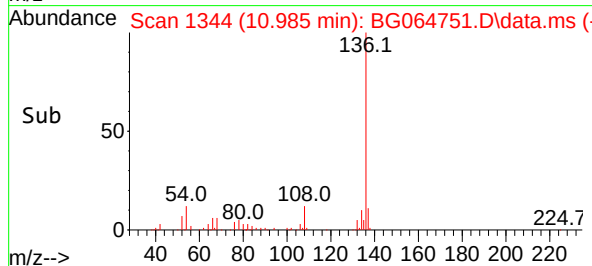


Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	12.1	9.3	13.9
68	5.8	5.0	7.6

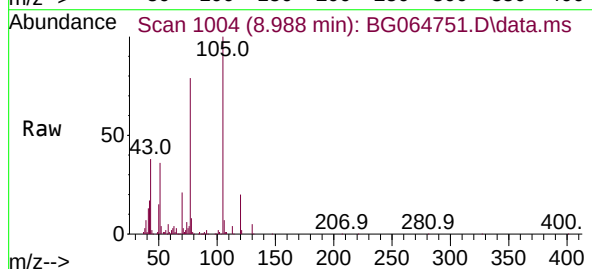
Manual Integrations

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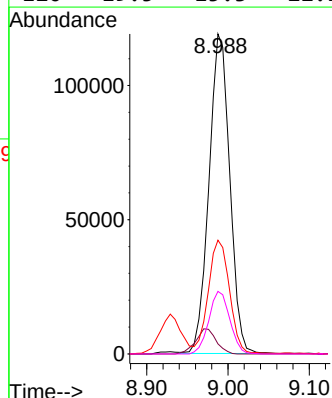
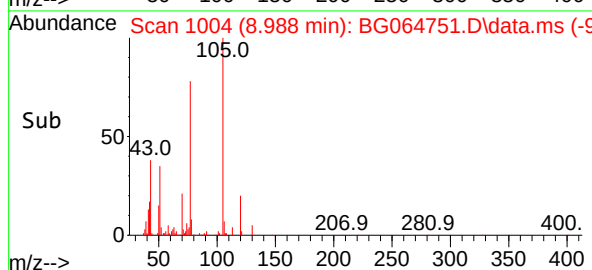
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

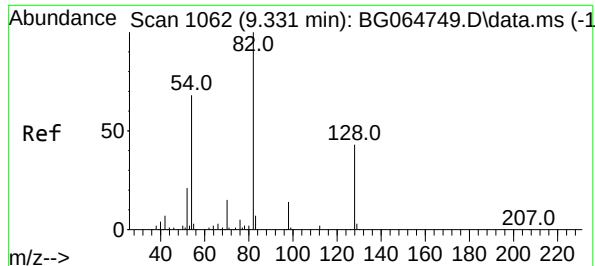


#22
Acetophenone
Concen: 60.179 ng
RT: 8.988 min Scan# 1004
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.1	1.3	1.9
51	35.5	27.9	41.9
120	19.5	15.3	22.9





#23

Nitrobenzene-d5

Concen: 121.869 ng

RT: 9.334 min Scan# 1062

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 318003

Ion Ratio Lower Upper

82 100

128 44.0 34.1 51.1

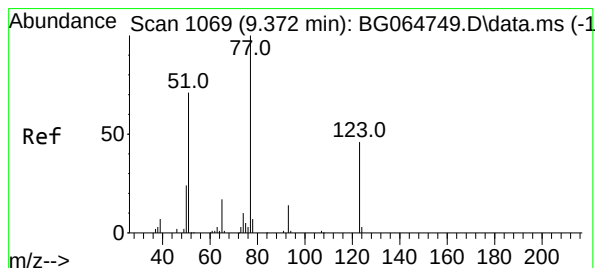
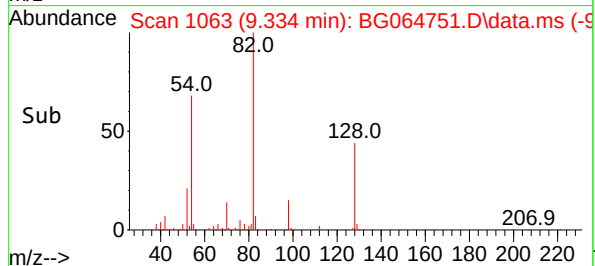
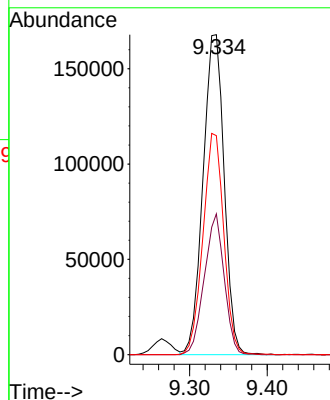
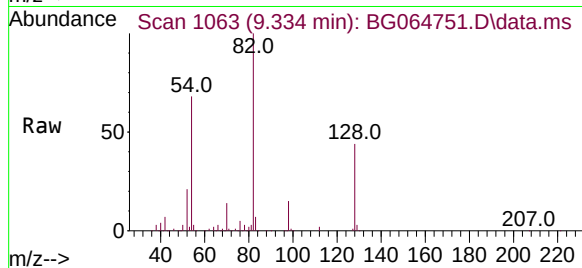
54 68.4 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 60.949 ng

RT: 9.375 min Scan# 1070

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

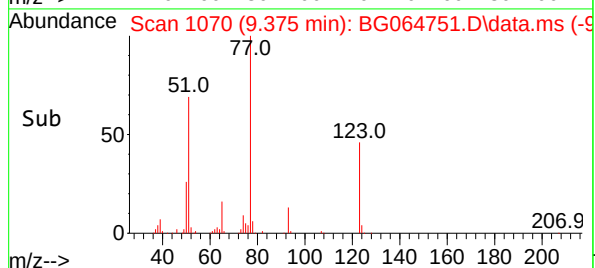
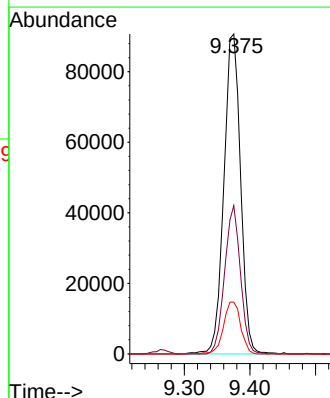
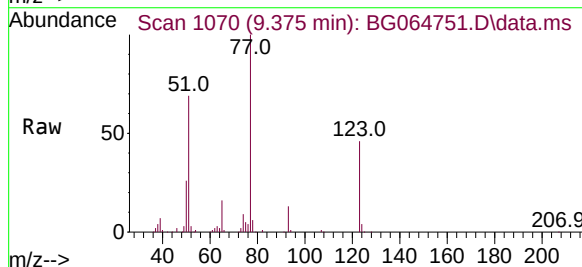
Tgt Ion: 77 Resp: 160696

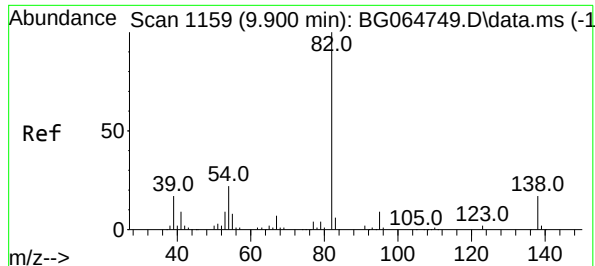
Ion Ratio Lower Upper

77 100

123 46.3 36.5 54.7

65 16.2 13.5 20.3





#25

Isophorone

Concen: 60.543 ng

RT: 9.898 min Scan# 1159

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

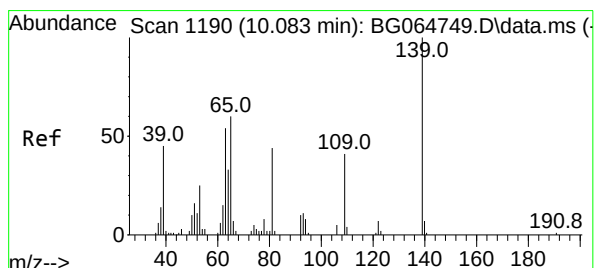
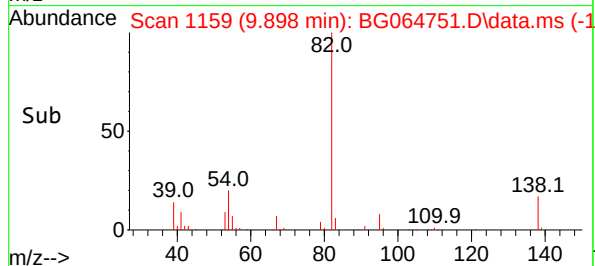
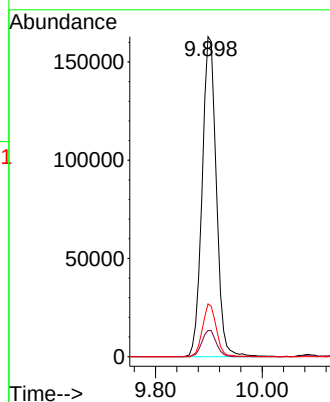
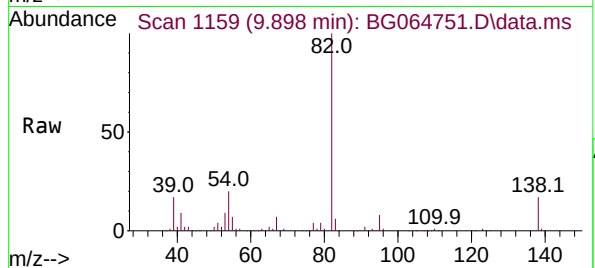
SSTDICC060

Tgt Ion:	82	Resp:	30084
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.9	10.3
138	16.5	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26

2-Nitrophenol

Concen: 64.325 ng

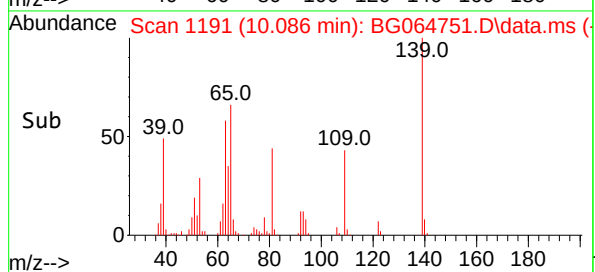
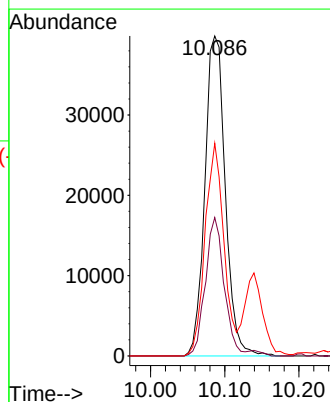
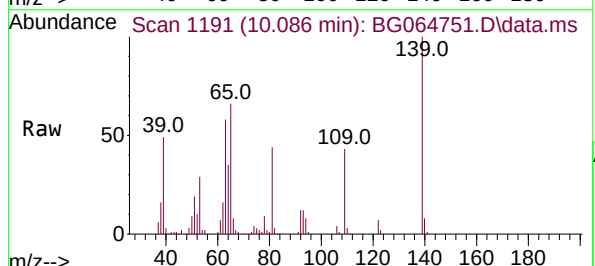
RT: 10.086 min Scan# 1191

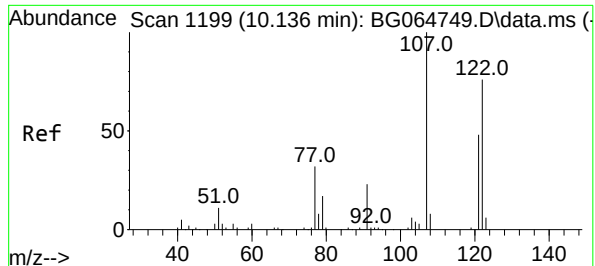
Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

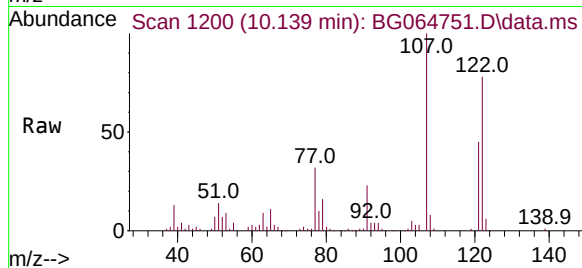
Tgt Ion:	139	Resp:	76283
Ion Ratio	Lower	Upper	
139	100		
109	43.2	32.5	48.7
65	66.4	47.6	71.4





#27
2,4-Dimethylphenol
Concen: 61.791 ng
RT: 10.139 min Scan# 1199
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

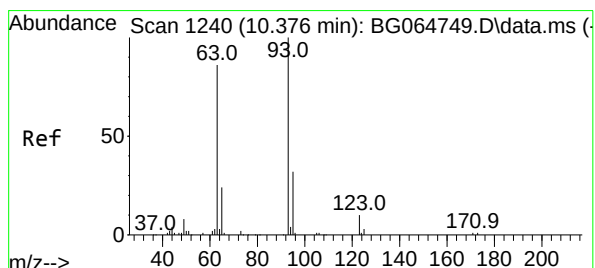
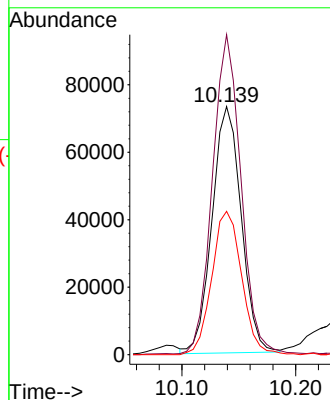
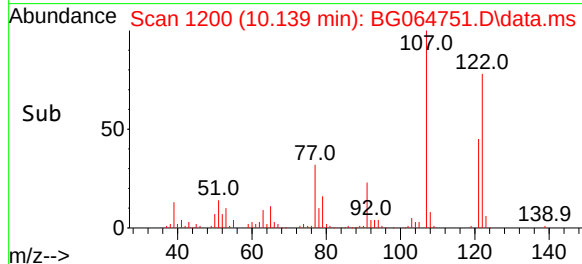
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:122 Resp: 130184
Ion Ratio Lower Upper
122 100
107 128.9 102.5 153.7
121 57.7 49.0 73.6

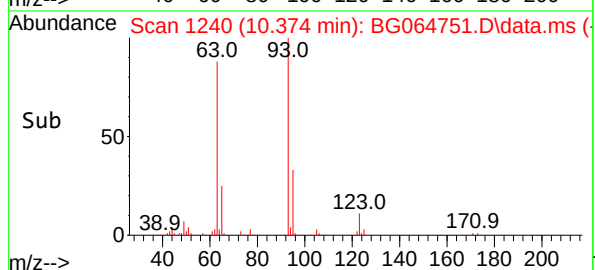
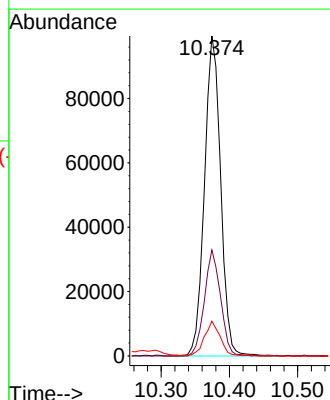
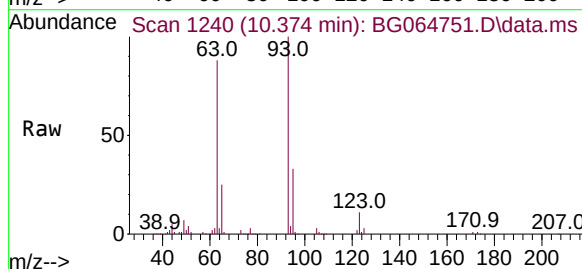
Manual Integrations
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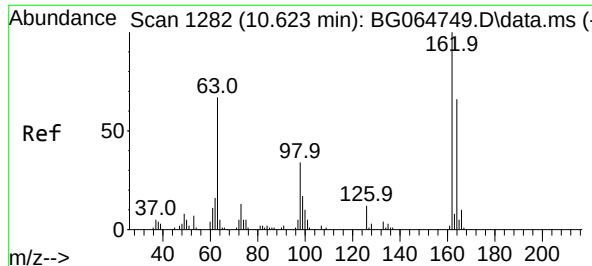
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 60.037 ng
RT: 10.374 min Scan# 1240
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 93 Resp: 163781
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.2
123 10.8 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 62.500 ng

RT: 10.627 min Scan# 1282

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 141372

Ion Ratio Lower Upper

162 100

164 66.1 46.0 86.0

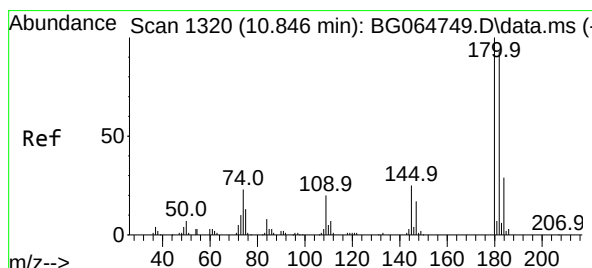
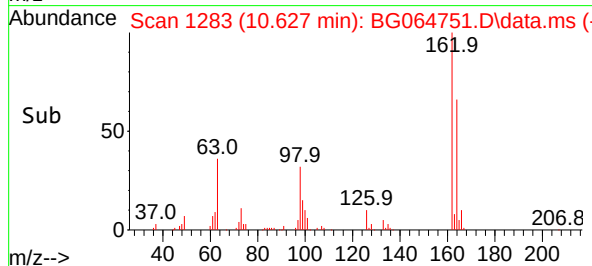
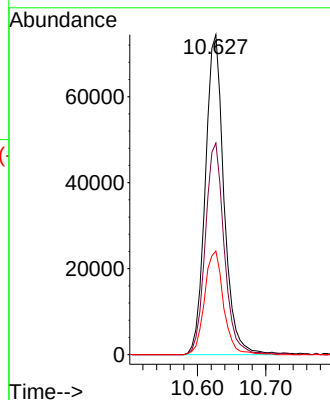
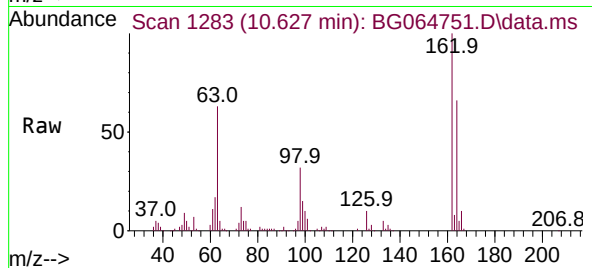
98 32.4 14.2 54.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 59.307 ng

RT: 10.844 min Scan# 1320

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

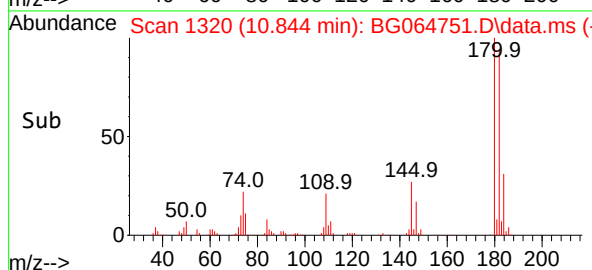
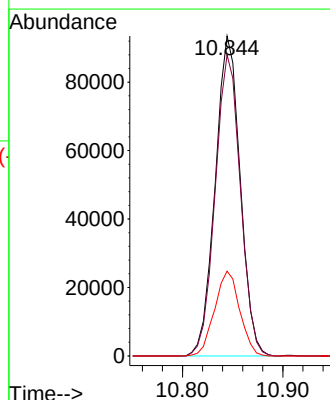
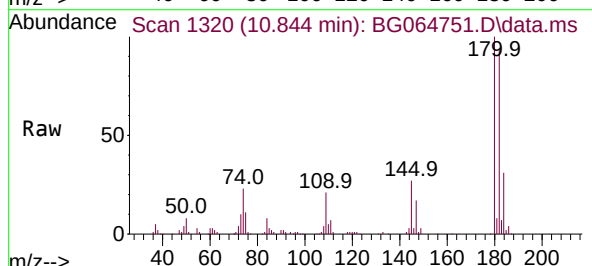
Tgt Ion:180 Resp: 161988

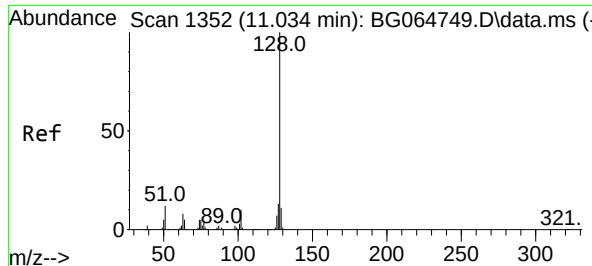
Ion Ratio Lower Upper

180 100

182 94.1 74.2 111.4

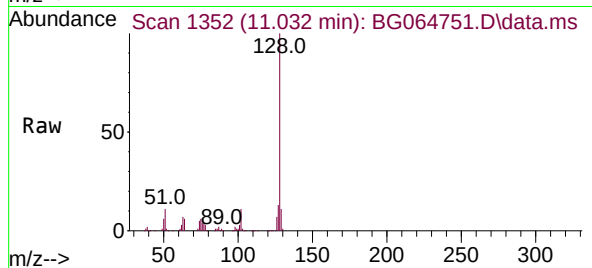
145 26.5 20.0 30.0





#31
Naphthalene
Concen: 59.254 ng
RT: 11.032 min Scan# 1352
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

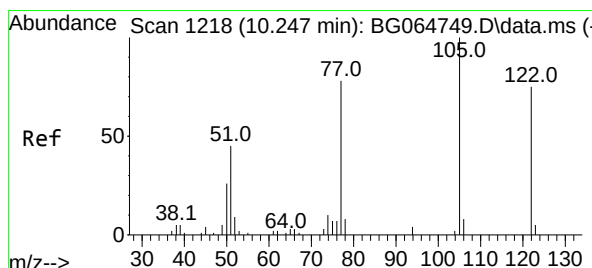
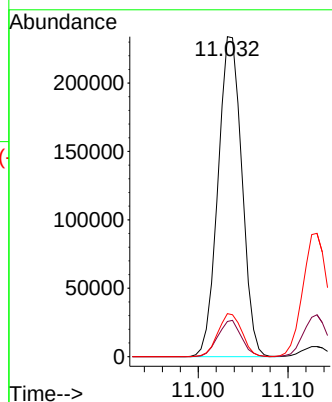
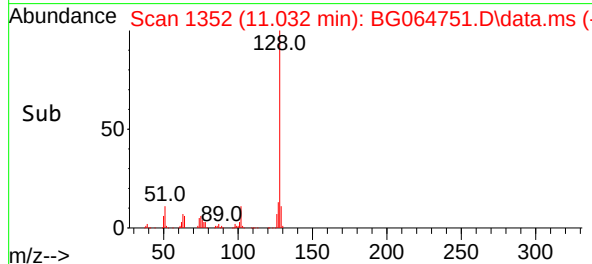
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:128 Resp: 433362
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 10.6 16.0

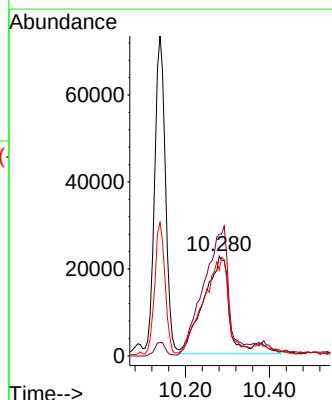
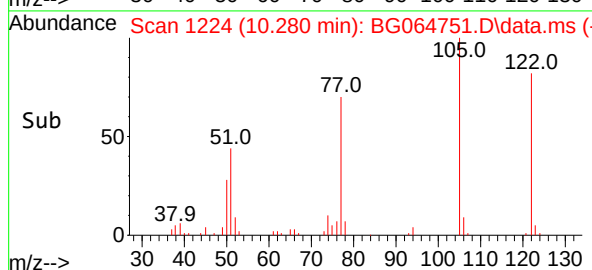
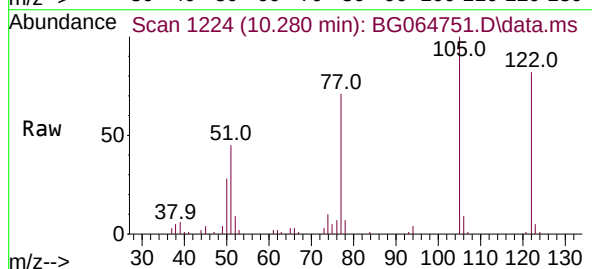
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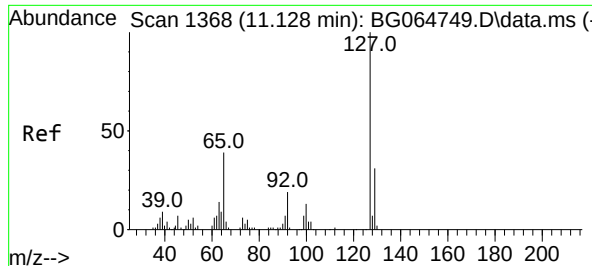
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 64.105 ng m
RT: 10.280 min Scan# 1224
Delta R.T. 0.033 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

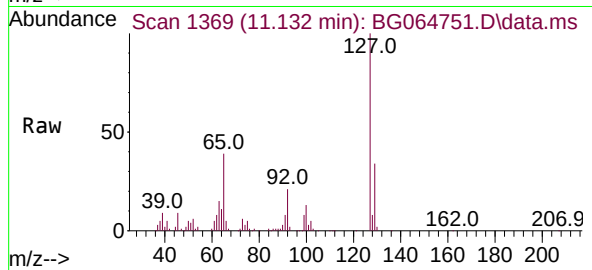
Tgt Ion:122 Resp: 98796
Ion Ratio Lower Upper
122 100
105 122.0 107.6 147.6
77 86.1 82.5 122.5





#33
4-Chloroaniline
Concen: 61.662 ng
RT: 11.132 min Scan# 1369
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

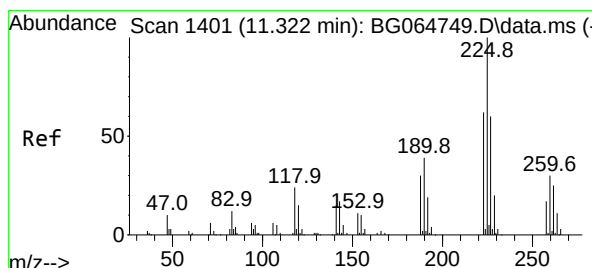
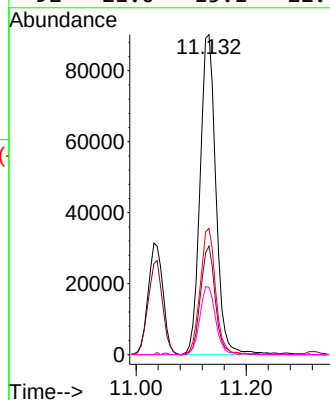
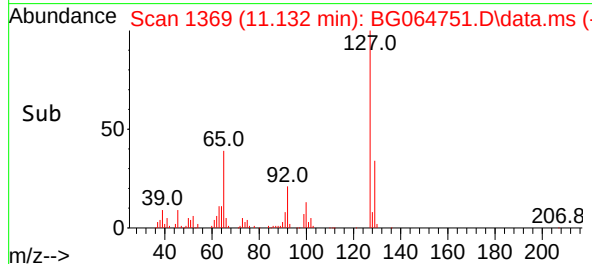
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



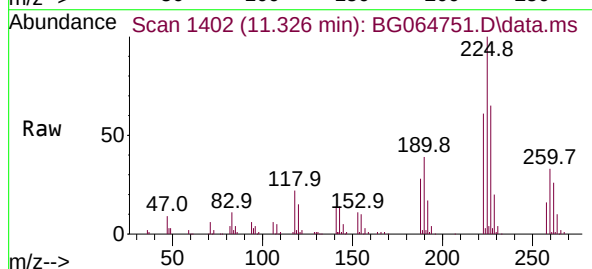
Tgt Ion:127 Resp: 180399
Ion Ratio Lower Upper
127 100
129 33.9 24.9 37.3
65 39.4 30.9 46.3
92 21.0 15.1 22.7

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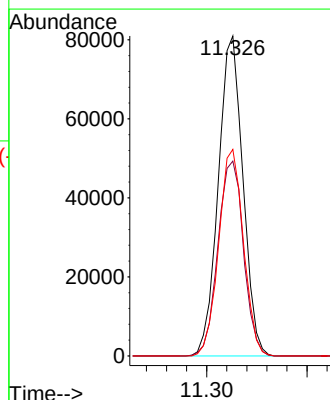
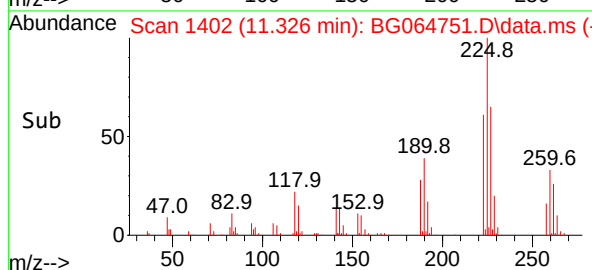
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

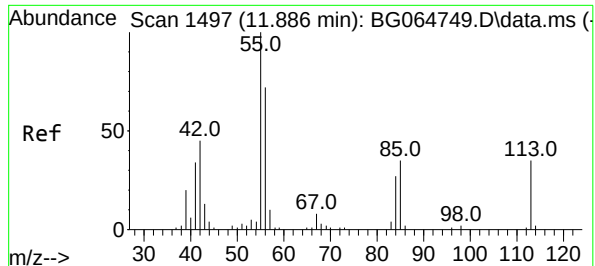


#34
Hexachlorobutadiene
Concen: 58.901 ng
RT: 11.326 min Scan# 1402
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



Tgt Ion:225 Resp: 138036
Ion Ratio Lower Upper
225 100
223 58.6 49.9 74.9
227 62.1 50.6 75.8





#35

Caprolactam

Concen: 61.260 ng

RT: 11.908 min Scan# 11

Delta R.T. 0.021 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:113 Resp: 41409

Ion Ratio Lower Upper

113 100

55 273.1 263.7 303.7

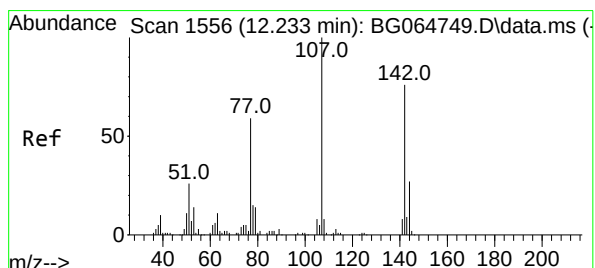
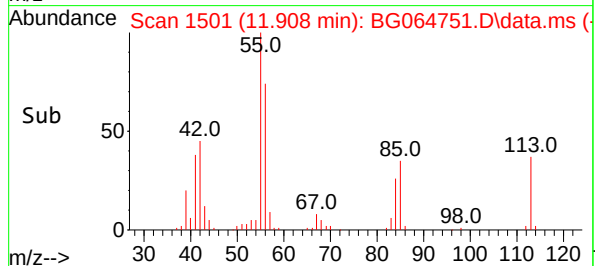
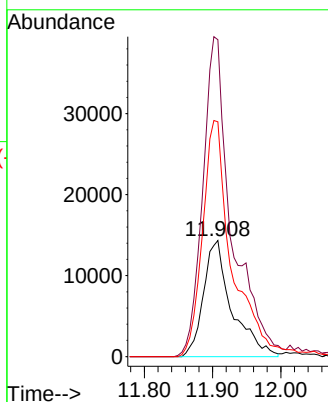
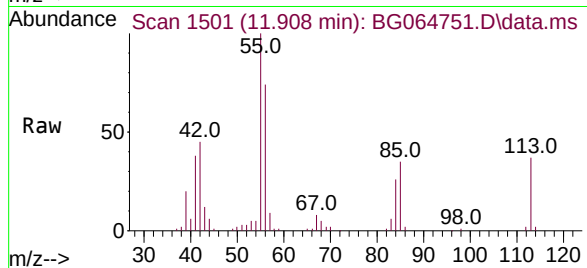
56 202.3 184.0 224.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 61.757 ng

RT: 12.237 min Scan# 1557

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

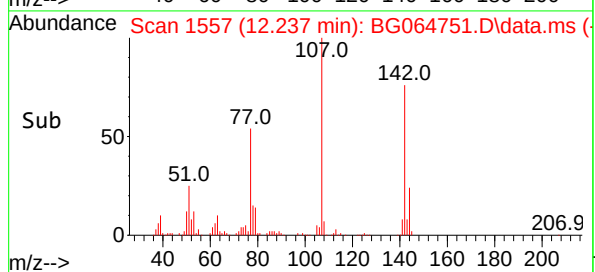
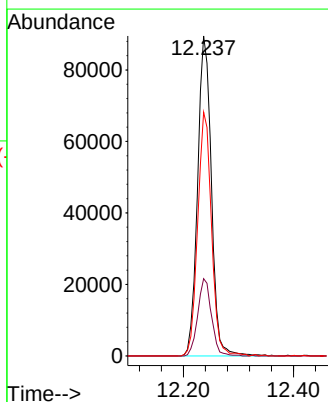
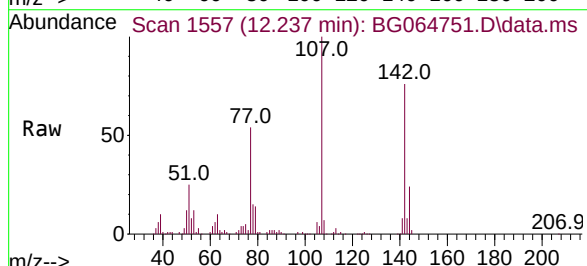
Tgt Ion:107 Resp: 155480

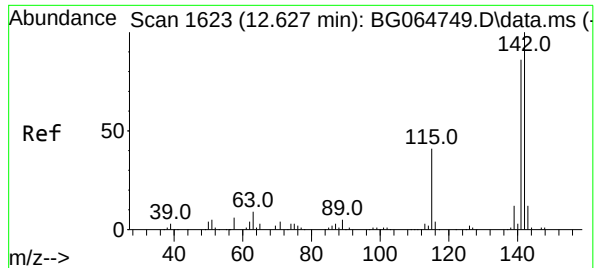
Ion Ratio Lower Upper

107 100

144 24.1 21.7 32.5

142 76.2 60.8 91.2





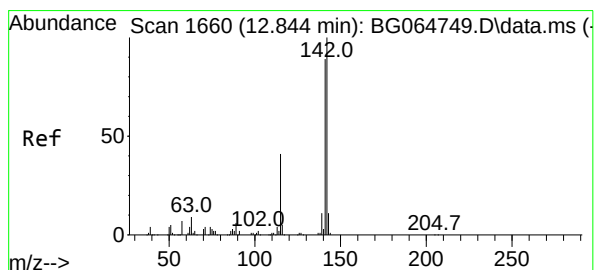
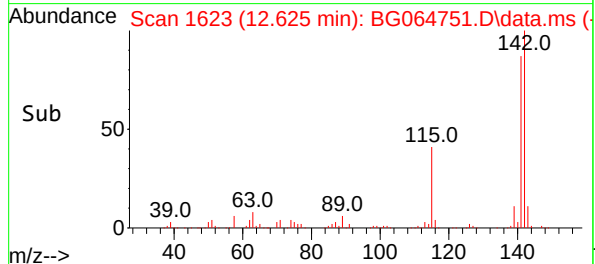
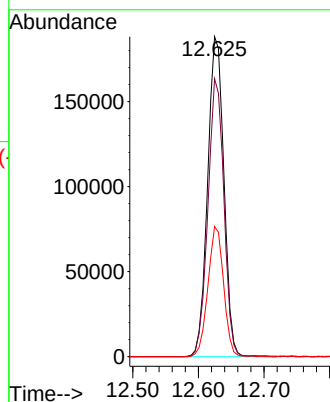
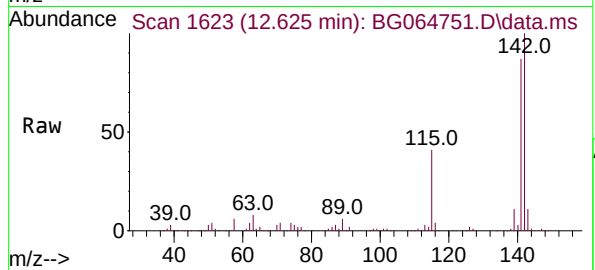
#37
2-Methylnaphthalene
Concen: 59.046 ng
RT: 12.625 min Scan# 1623
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 32316
Ion Ratio Lower Upper
142 100
141 86.8 69.1 103.7
115 40.6 32.9 49.3

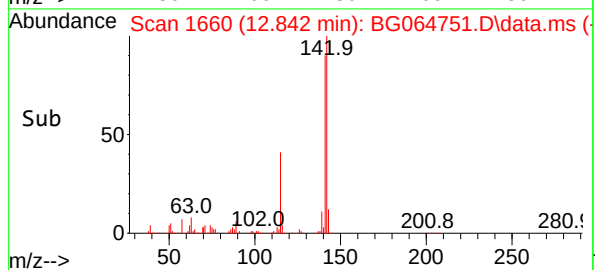
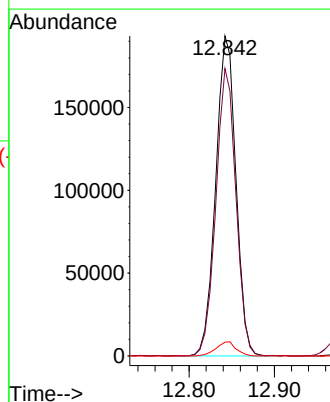
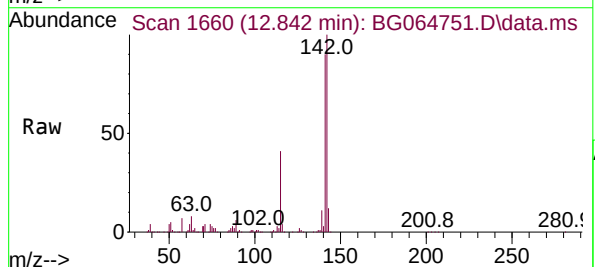
Manual Integrations
APPROVED

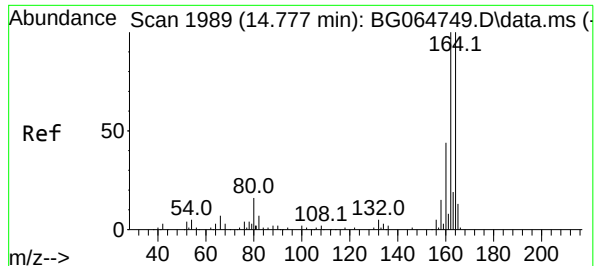
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 58.353 ng
RT: 12.842 min Scan# 1660
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:142 Resp: 317238
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
116 4.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

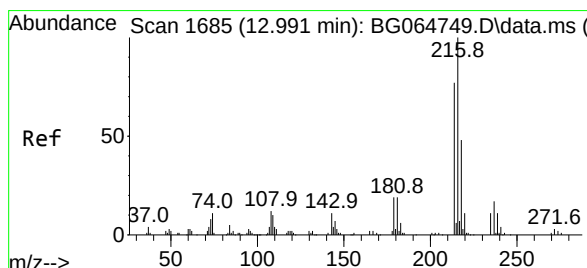
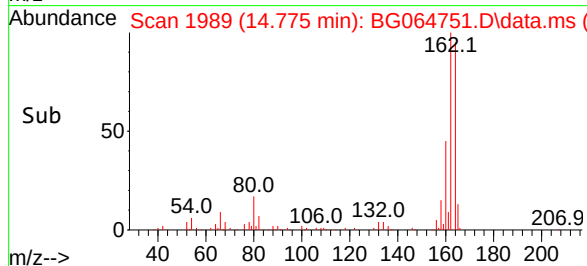
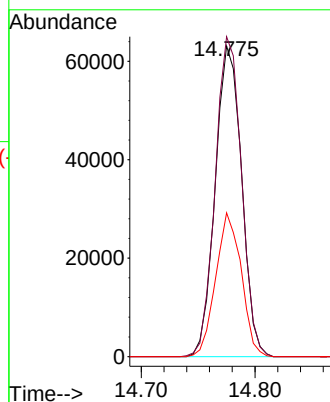
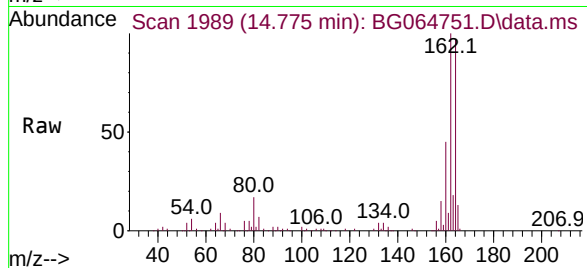
Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:	164	Resp:	101714
Ion Ratio	Lower	Upper	
164	100		
162	103.0	79.8	119.6
160	46.3	34.9	52.3

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.852 ng

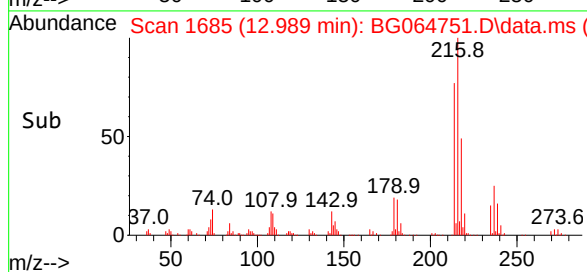
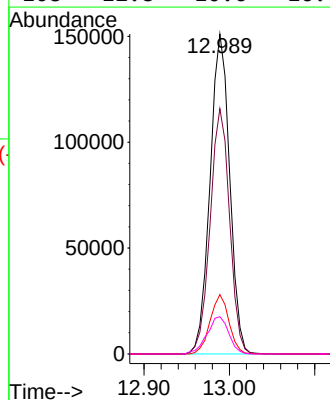
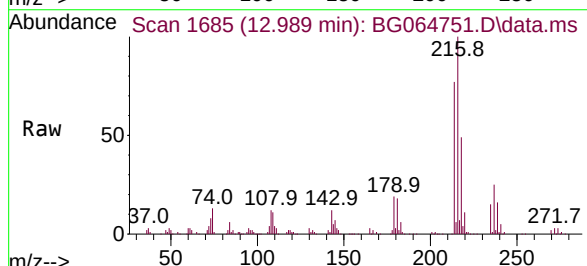
RT: 12.989 min Scan# 1685

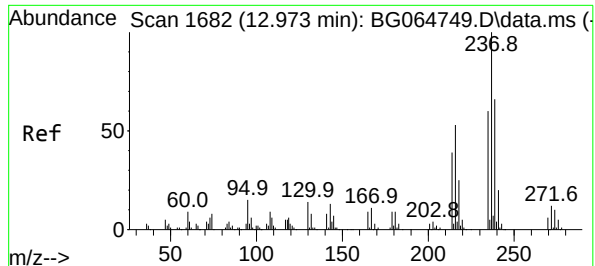
Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

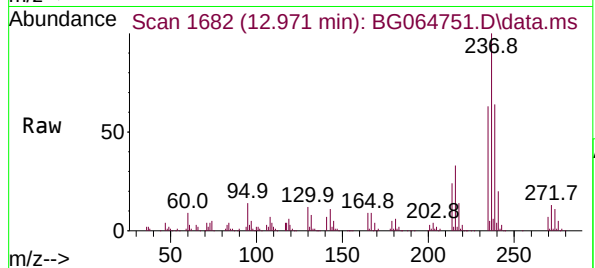
Tgt Ion:	216	Resp:	240877
Ion Ratio	Lower	Upper	
216	100		
214	75.9	60.5	90.7
179	17.8	14.7	22.1
108	12.8	10.6	16.0





#41
Hexachlorocyclopentadiene
Concen: 63.670 ng
RT: 12.971 min Scan# 1682
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

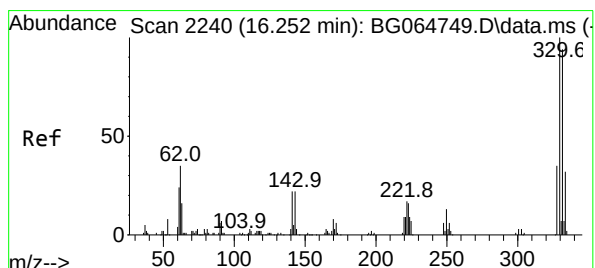
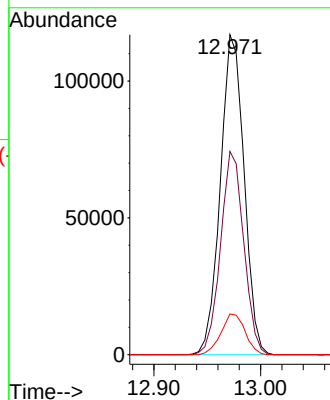
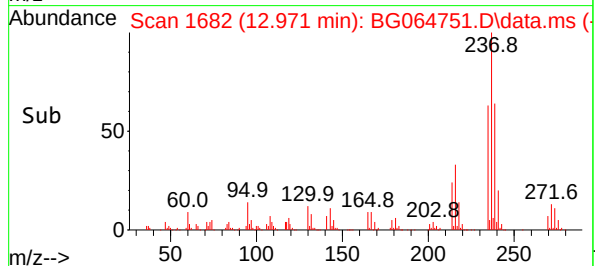
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



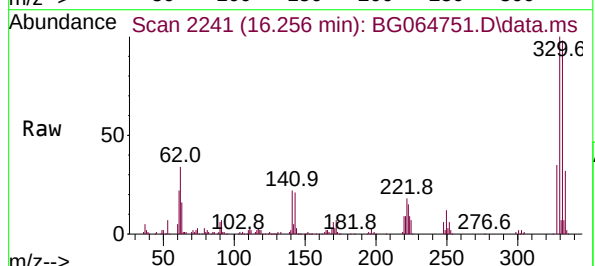
Tgt Ion: 237 Resp: 180651
Ion Ratio Lower Upper
237 100
235 63.5 40.2 80.2
272 12.7 0.0 31.9

Manual Integrations
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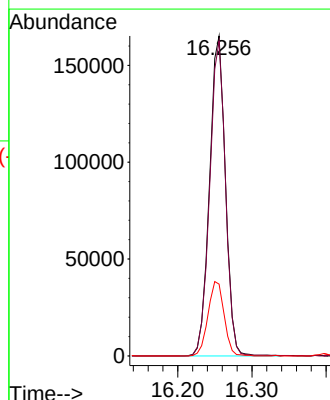
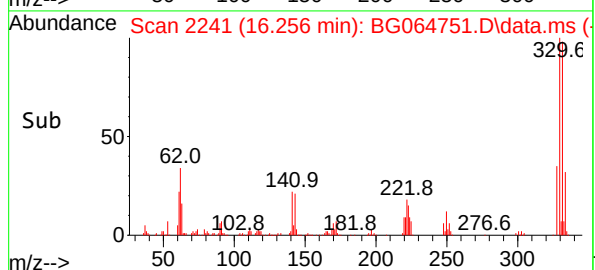
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

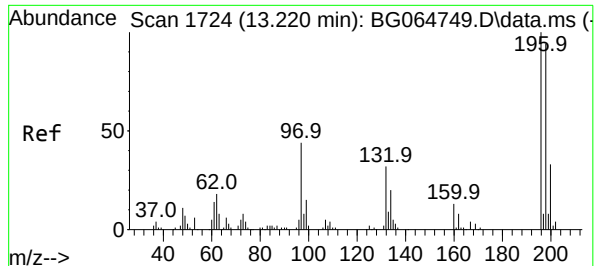


#42
2,4,6-Tribromophenol
Concen: 123.984 ng
RT: 16.256 min Scan# 2241
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



Tgt Ion: 330 Resp: 245951
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 23.5 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 63.209 ng

RT: 13.218 min Scan# 1724

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 146850

Ion Ratio Lower Upper

196 100

198 95.0 75.3 112.9

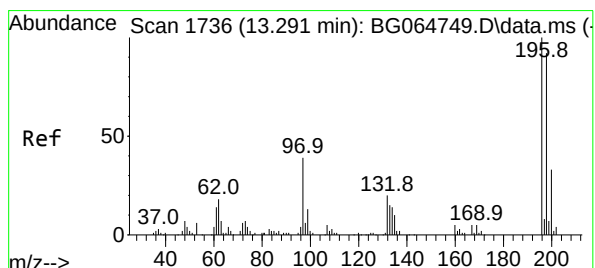
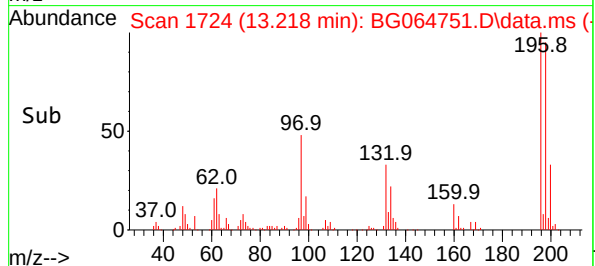
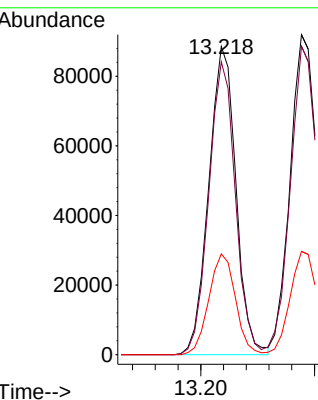
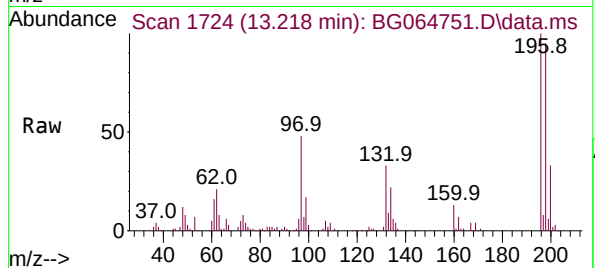
200 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 62.163 ng

RT: 13.289 min Scan# 1736

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Tgt Ion:196 Resp: 161978

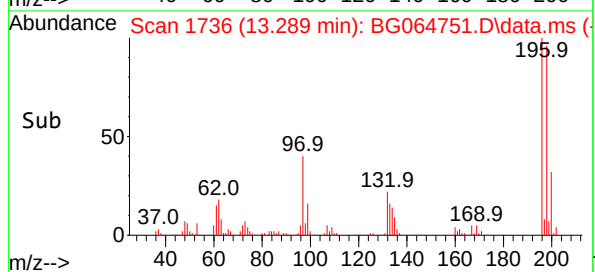
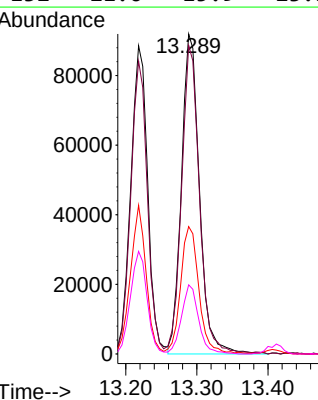
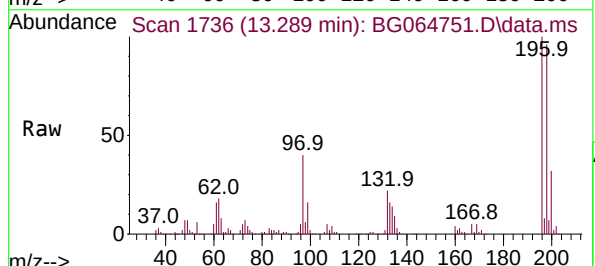
Ion Ratio Lower Upper

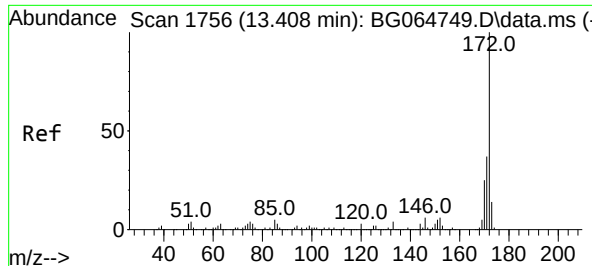
196 100

198 96.4 73.2 109.8

97 39.8 31.4 47.0

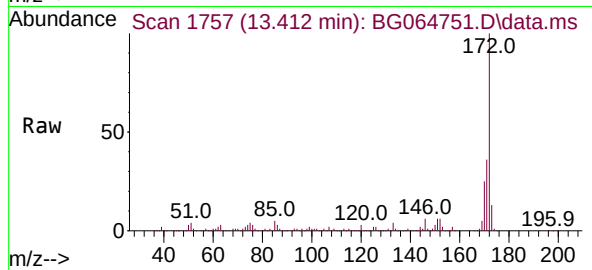
132 21.6 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 120.069 ng
RT: 13.412 min Scan# 1756
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

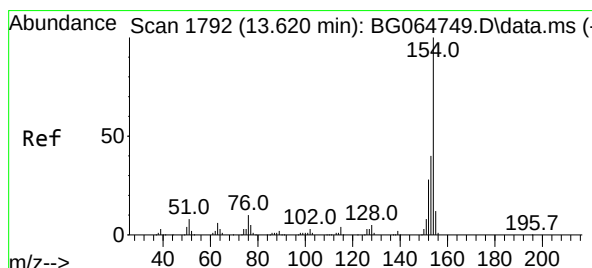
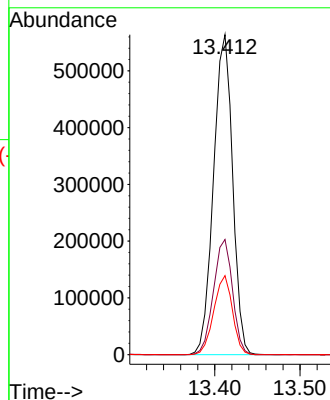
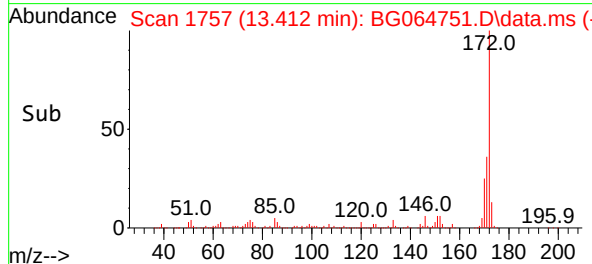
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



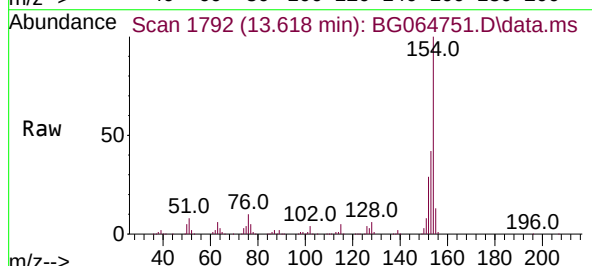
Tgt Ion:172 Resp: 87524
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 24.7 19.8 29.6

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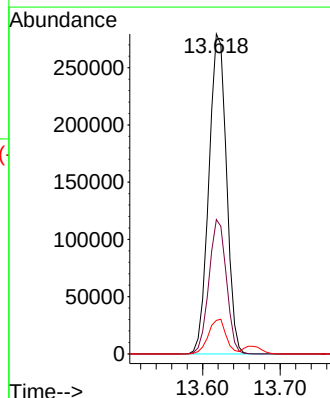
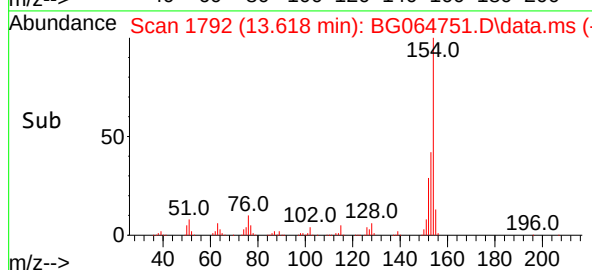
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

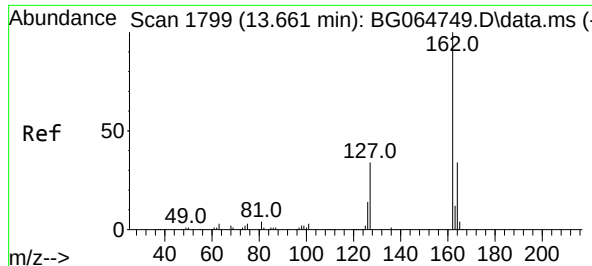


#46
1,1'-Biphenyl
Concen: 60.188 ng
RT: 13.618 min Scan# 1792
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



Tgt Ion:154 Resp: 439700
Ion Ratio Lower Upper
154 100
153 42.0 19.8 59.8
76 10.5 0.0 30.0





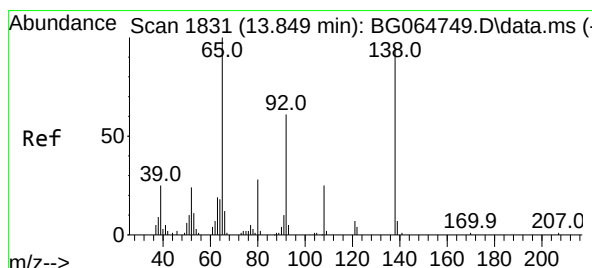
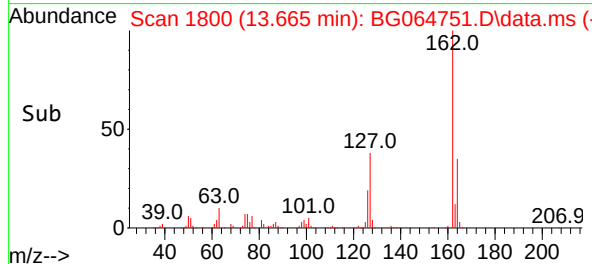
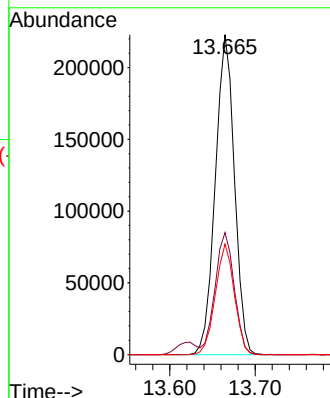
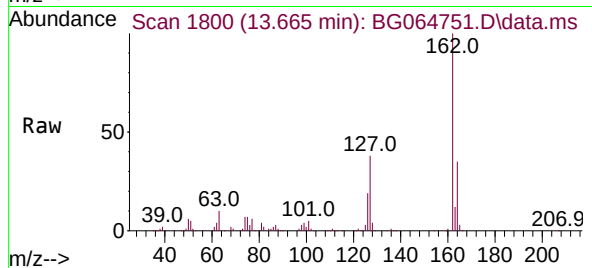
#47
2-Chloronaphthalene
Concen: 60.317 ng
RT: 13.665 min Scan# 1799
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 347150
Ion Ratio Lower Upper
162 100
127 38.1 30.3 45.5
164 34.5 26.8 40.2

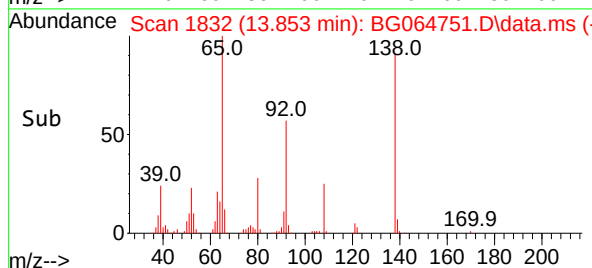
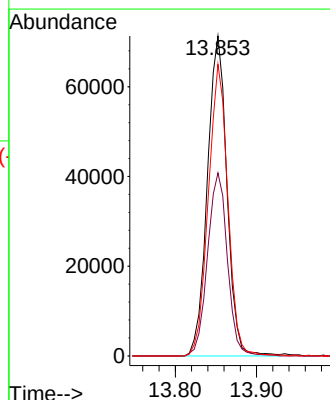
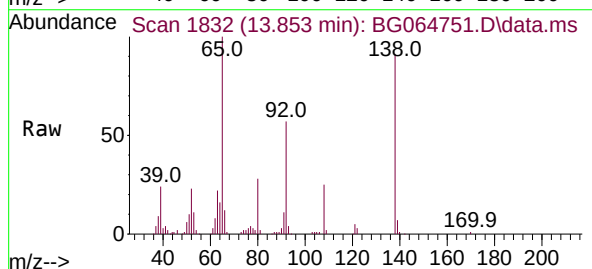
Manual Integrations
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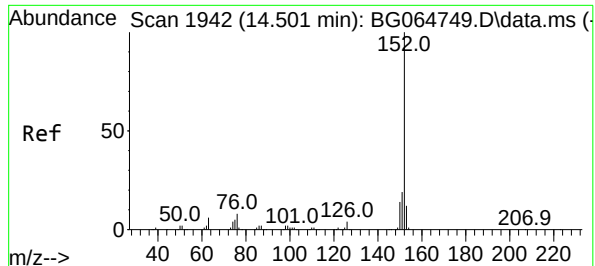
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48
2-Nitroaniline
Concen: 64.470 ng
RT: 13.853 min Scan# 1832
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 65 Resp: 119346
Ion Ratio Lower Upper
65 100
92 57.2 48.6 73.0
138 91.1 76.4 114.6





#49

Acenaphthylene

Concen: 61.036 ng

RT: 14.505 min Scan# 1942

Delta R.T. 0.004 min

Lab File: BG064751.D

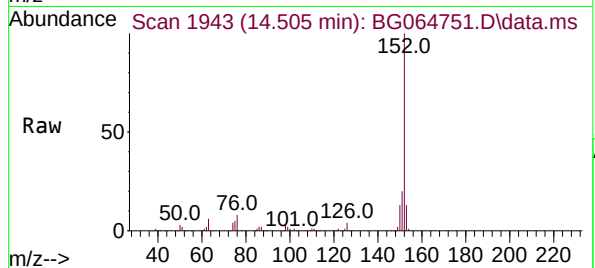
Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

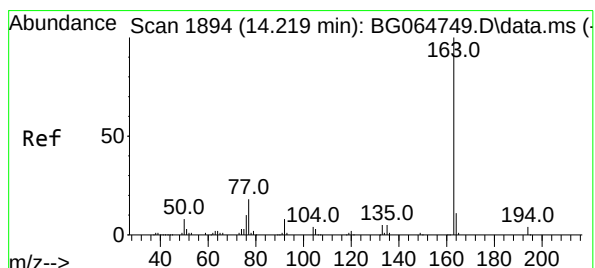
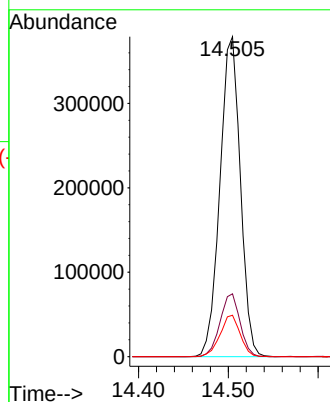
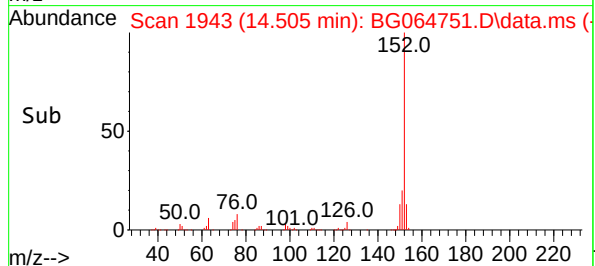


Tgt Ion:	152	Resp:	600143
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.0	22.4
153	12.9	9.9	14.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

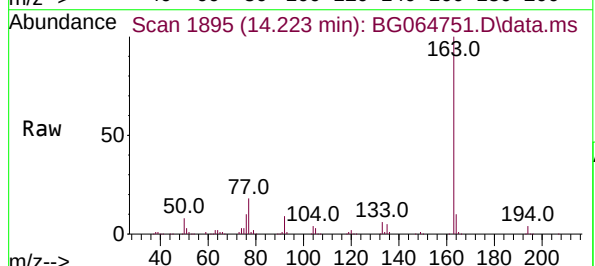
Concen: 60.458 ng

RT: 14.223 min Scan# 1895

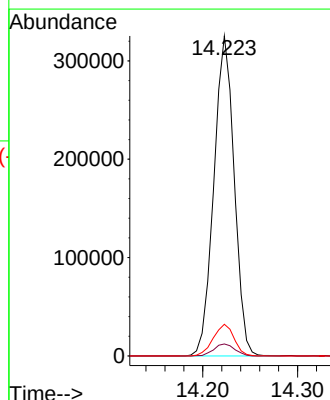
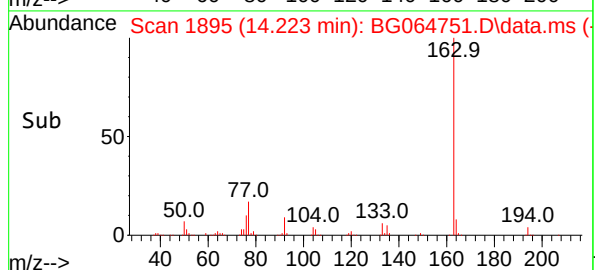
Delta R.T. 0.004 min

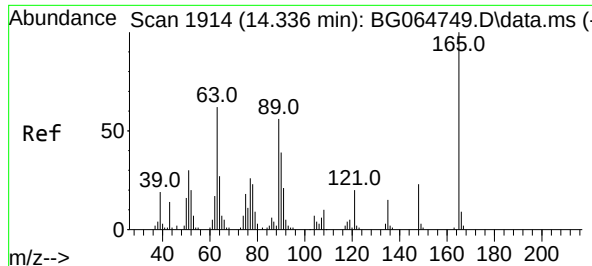
Lab File: BG064751.D

Acq: 12 Nov 2025 15:23



Tgt Ion:	163	Resp:	485762
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	9.9	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 63.495 ng
RT: 14.340 min Scan# 1914
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

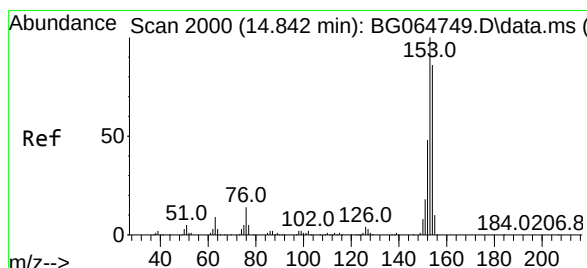
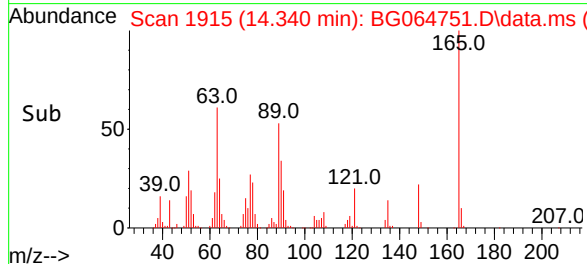
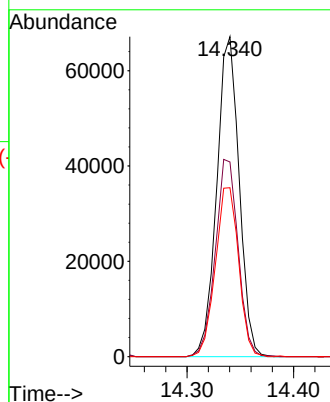
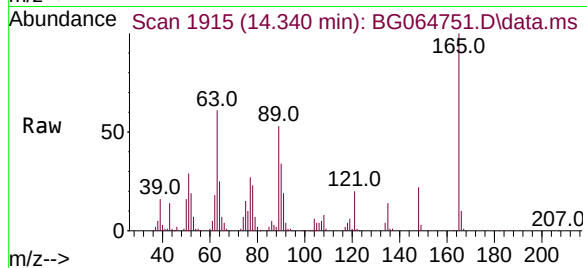
ClientSampleId :

SSTDICC060

Tgt Ion:	165	Resp:	98168
Ion Ratio	Lower	Upper	
165	100		
63	60.9	49.8	74.8
89	52.8	45.0	67.4

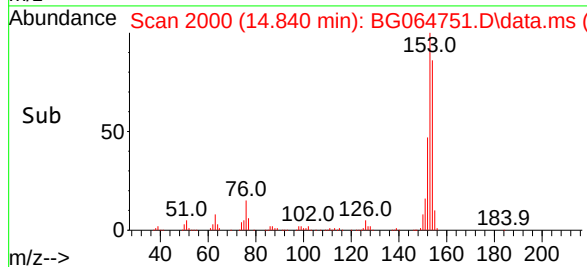
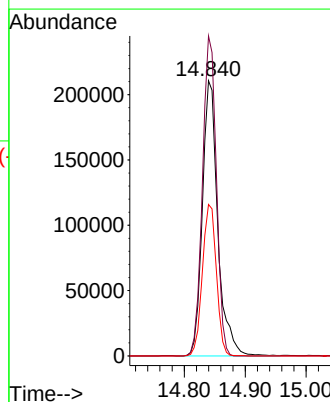
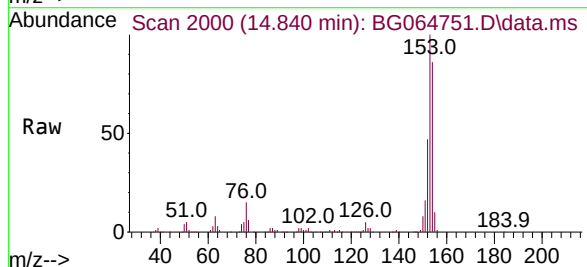
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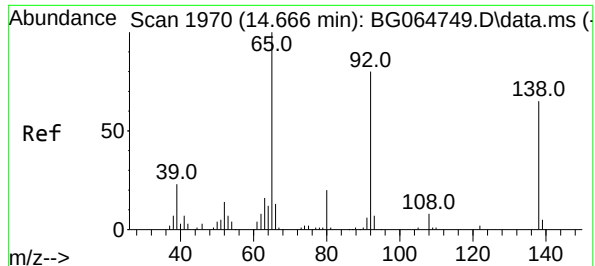
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#52
Acenaphthene
Concen: 62.799 ng
RT: 14.840 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:	154	Resp:	370233
Ion Ratio	Lower	Upper	
154	100		
153	116.3	93.0	139.4
152	55.0	44.4	66.6





#53

3-Nitroaniline

Concen: 65.234 ng

RT: 14.669 min Scan# 1970

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

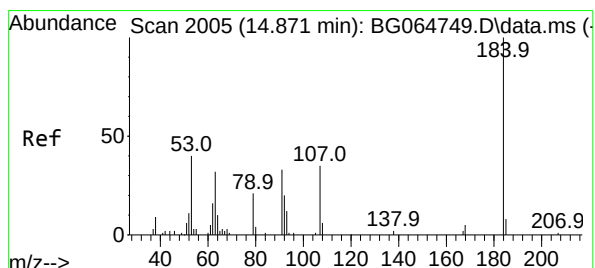
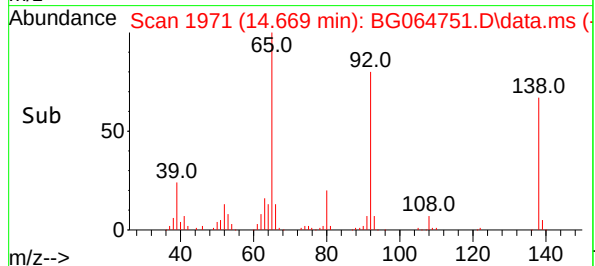
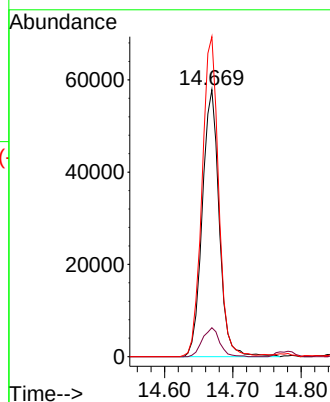
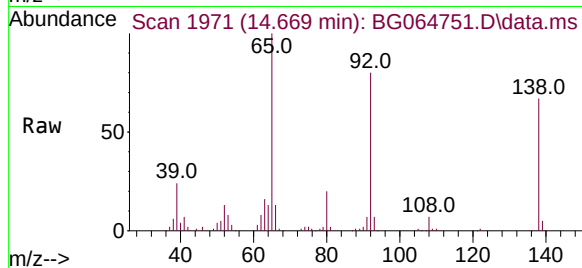
ClientSampleId :

SSTDICC060

Tgt Ion:	138	Resp:	99543
Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.5	14.3
92	119.9	99.0	148.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 59.432 ng

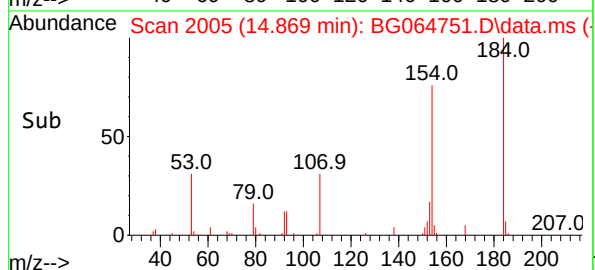
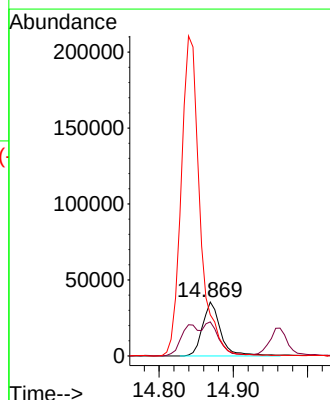
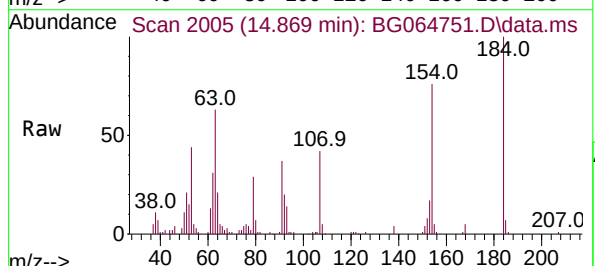
RT: 14.869 min Scan# 2005

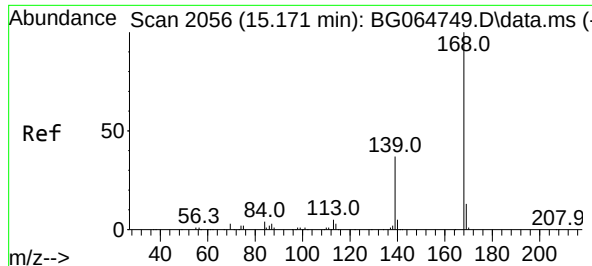
Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

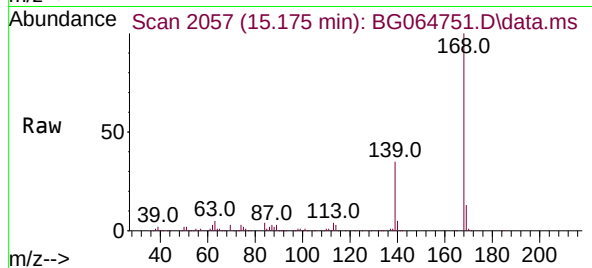
Tgt Ion:	184	Resp:	60324
Ion	Ratio	Lower	Upper
184	100		
63	63.0	45.8	68.6
154	76.2	52.6	78.8





#55
Dibenzenofuran
Concen: 59.147 ng
RT: 15.175 min Scan# 2056
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

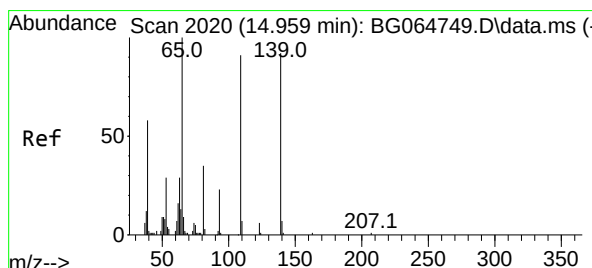
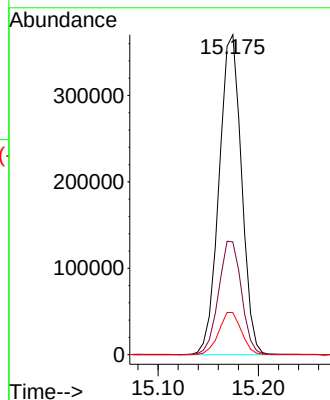
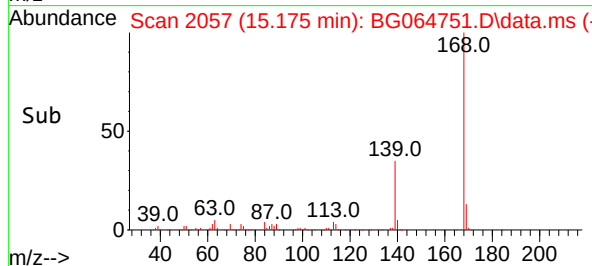
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:168 Resp: 576483
Ion Ratio Lower Upper
168 100
139 35.2 29.5 44.3
169 13.1 10.4 15.6

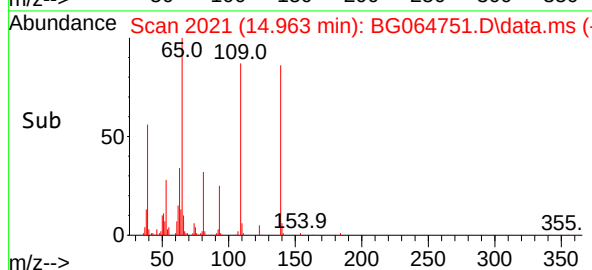
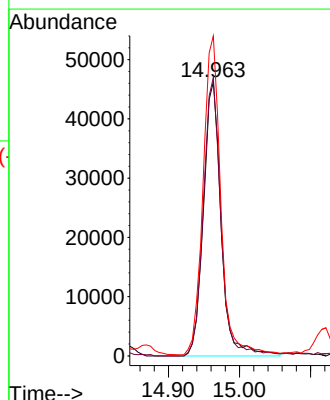
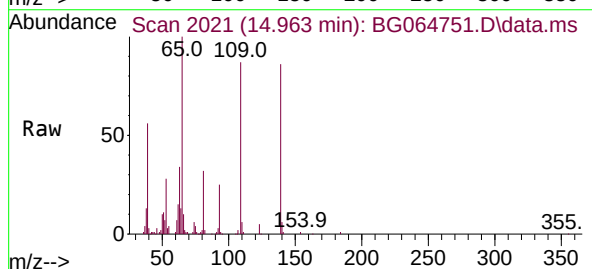
Manual Integrations
APPROVED

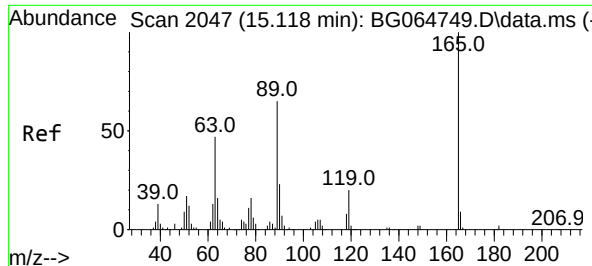
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 65.732 ng
RT: 14.963 min Scan# 2021
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion:139 Resp: 79581
Ion Ratio Lower Upper
139 100
109 101.6 79.7 119.7
65 116.8 89.9 129.9





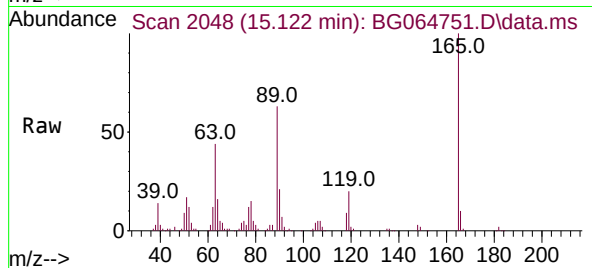
#57
2,4-Dinitrotoluene
Concen: 64.319 ng
RT: 15.122 min Scan# 2048
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

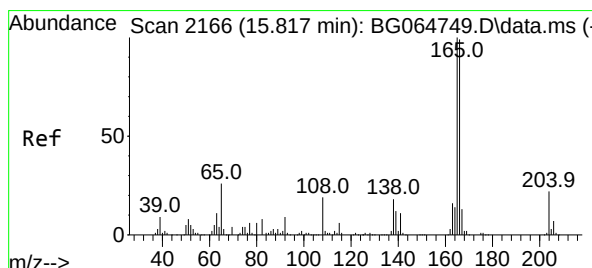
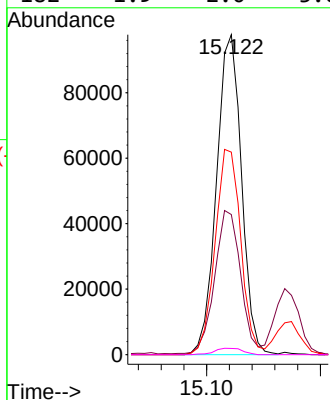
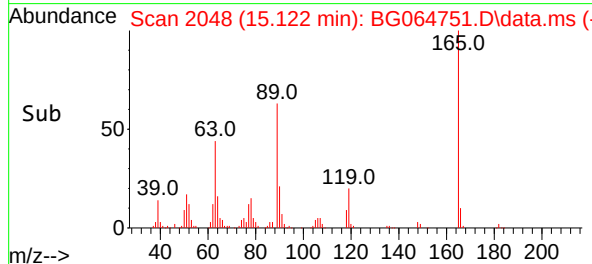
SSTDICC060



Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.8	37.8	56.6
89	63.3	51.6	77.4
182	1.9	2.0	3.0

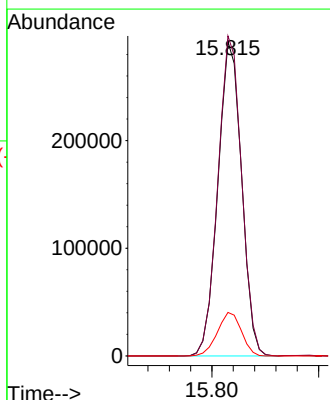
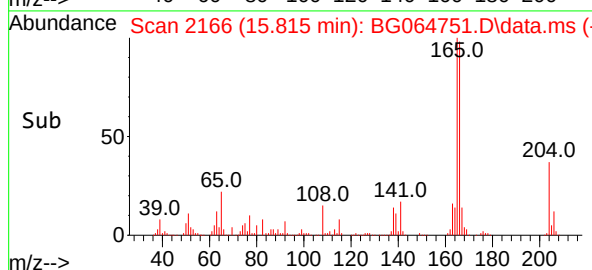
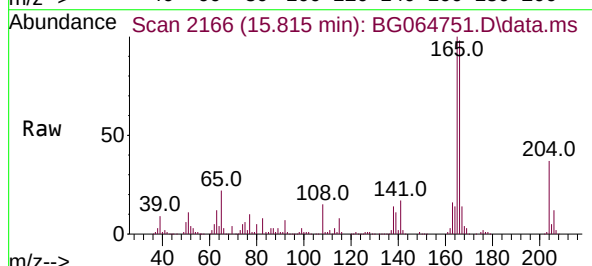
Manual Integrations
APPROVED

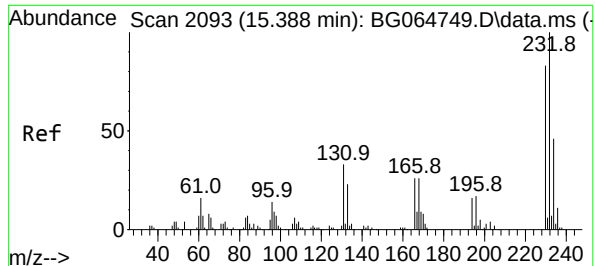
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#58
Fluorene
Concen: 58.885 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	80.5	120.7
167	13.8	10.3	15.5





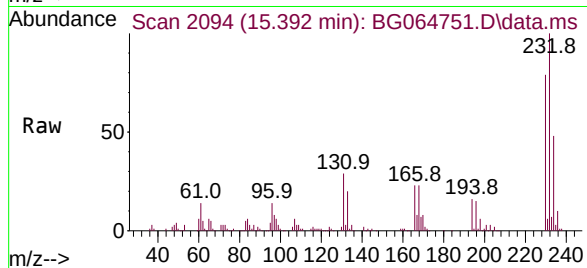
#59
2,3,4,6-Tetrachlorophenol
Concen: 64.473 ng
RT: 15.392 min Scan# 2094
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

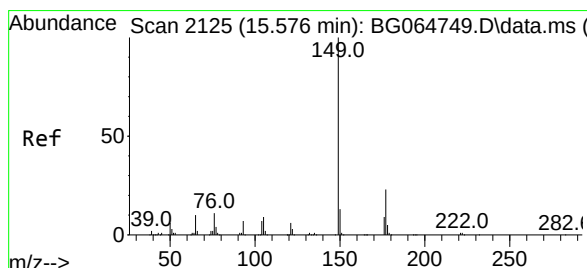
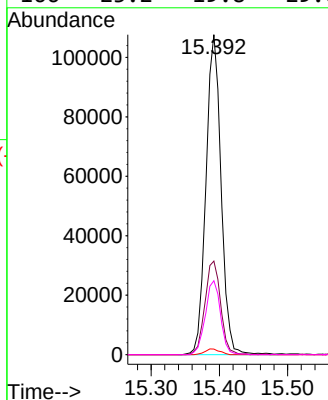
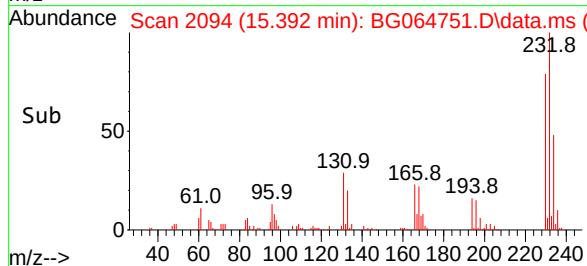
SSTDICC060



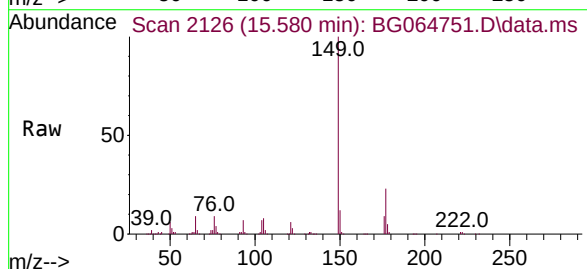
Tgt Ion:232 Resp: 16575
Ion Ratio Lower Upper
232 100
131 30.3 26.0 39.0
130 1.7 1.6 2.4
166 23.2 19.8 29.6

Manual Integrations
APPROVED

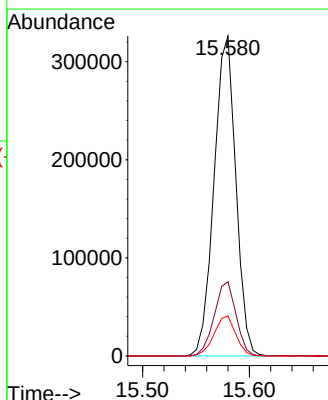
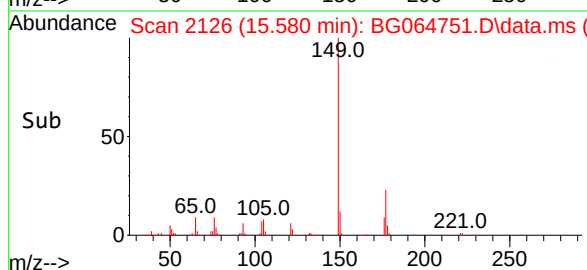
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

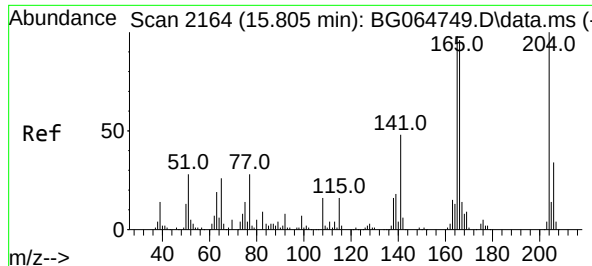


#60
Diethylphthalate
Concen: 60.243 ng
RT: 15.580 min Scan# 2126
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



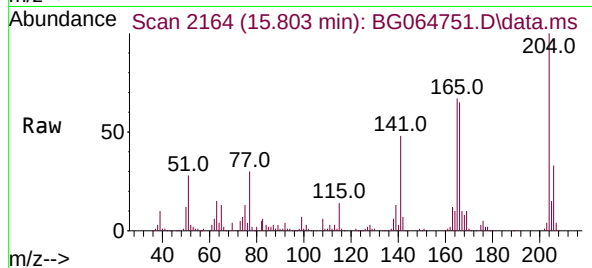
Tgt Ion:149 Resp: 463685
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 59.493 ng
RT: 15.803 min Scan# 2164
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

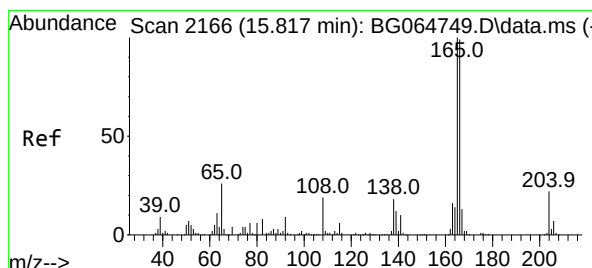
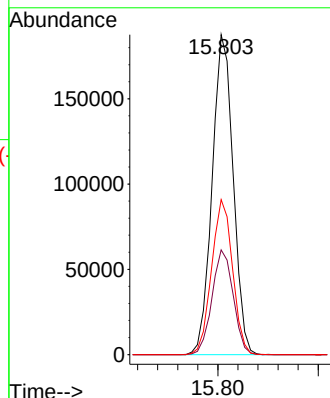
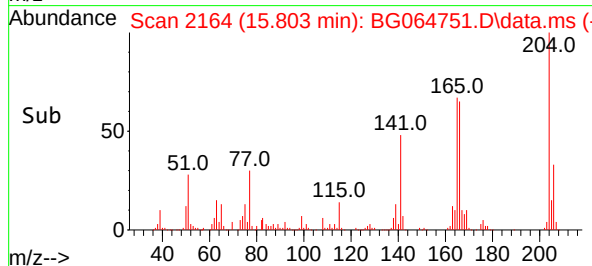
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



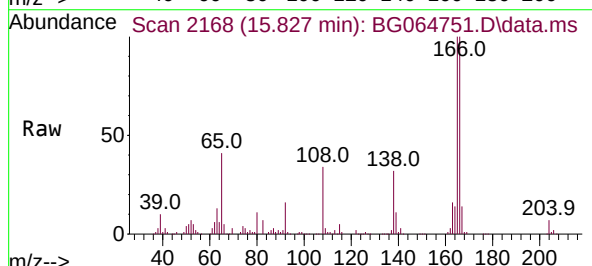
Tgt Ion:204 Resp: 272931
Ion Ratio Lower Upper
204 100
206 32.7 26.9 40.3
141 48.4 38.1 57.1

Manual Integrations
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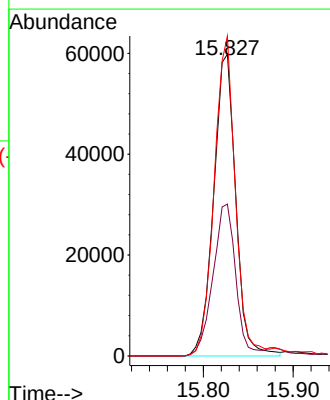
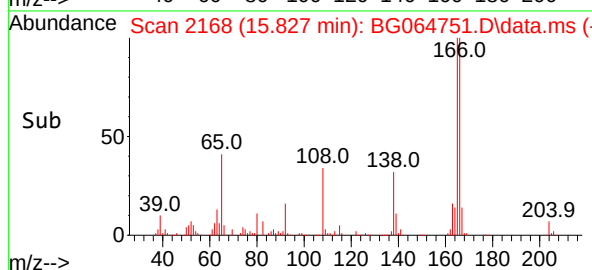
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

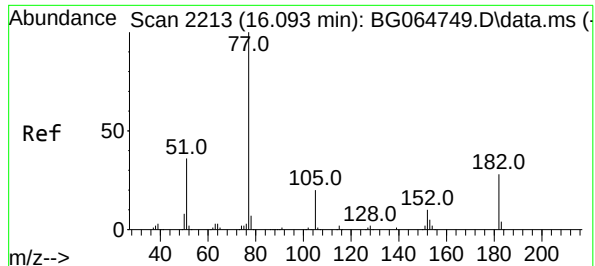


#62
4-Nitroaniline
Concen: 64.702 ng
RT: 15.827 min Scan# 2168
Delta R.T. 0.010 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



Tgt Ion:138 Resp: 102284
Ion Ratio Lower Upper
138 100
92 50.3 30.7 70.7
108 106.1 85.7 125.7





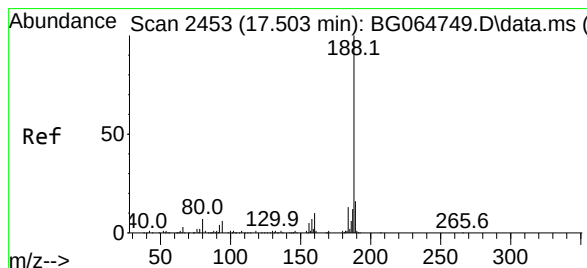
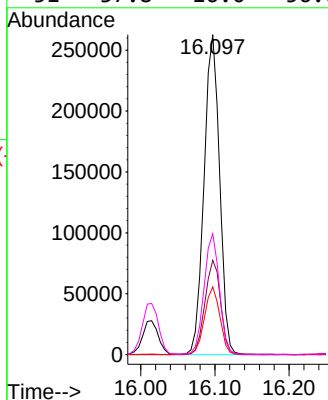
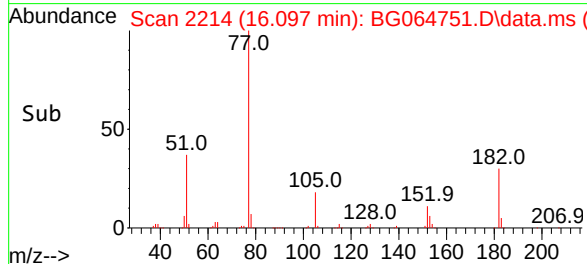
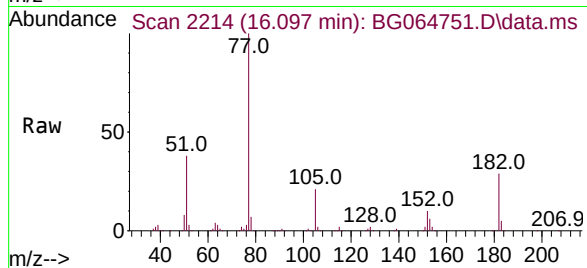
#63
Azobenzene
Concen: 59.841 ng
RT: 16.097 min Scan# 2214
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 383102
Ion Ratio Lower Upper
77 100
182 29.5 8.1 48.1
105 21.2 0.1 40.1
51 37.8 16.0 56.0

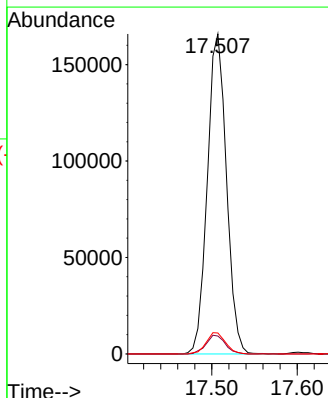
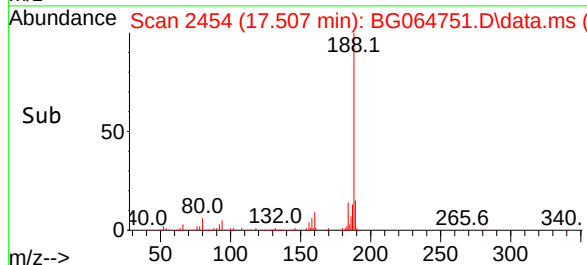
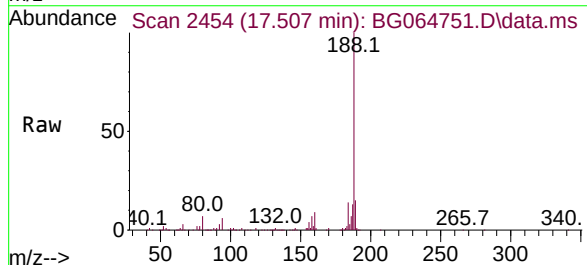
Manual Integrations
APPROVED

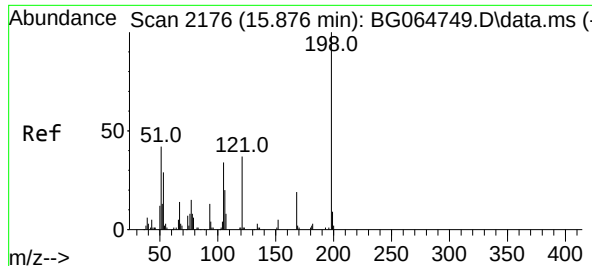
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2454
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

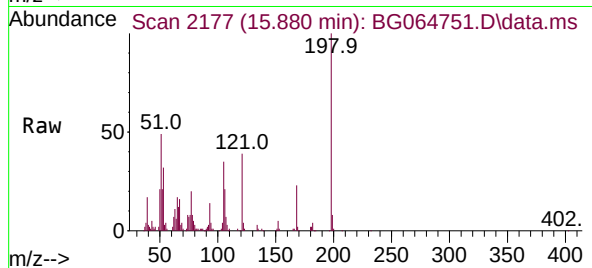
Tgt Ion:188 Resp: 257987
Ion Ratio Lower Upper
188 100
94 5.6 4.7 7.1
80 6.6 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 67.922 ng
RT: 15.880 min Scan# 2176
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

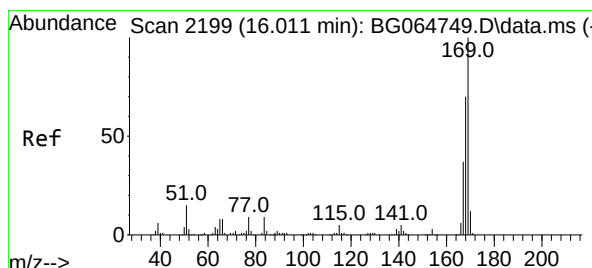
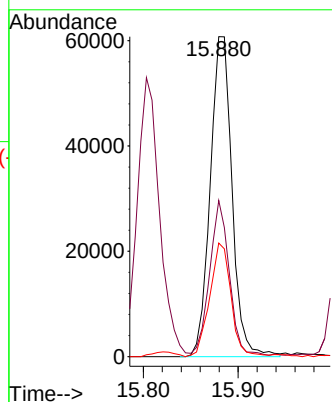
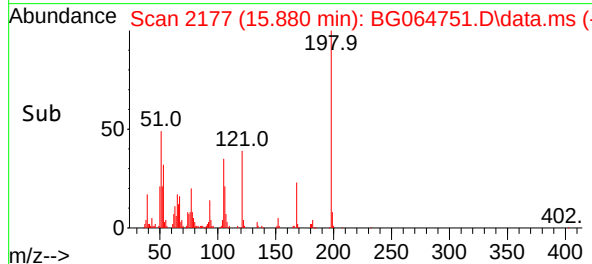
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



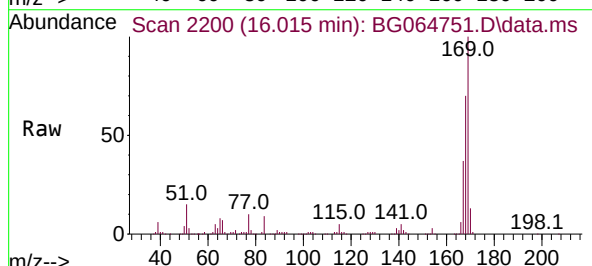
Tgt Ion:198 Resp: 97291
Ion Ratio Lower Upper
198 100
51 48.8 25.2 65.2
105 35.5 14.2 54.2

Manual Integrations
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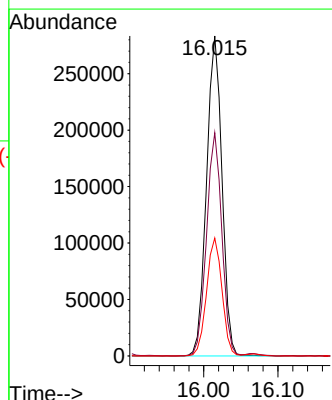
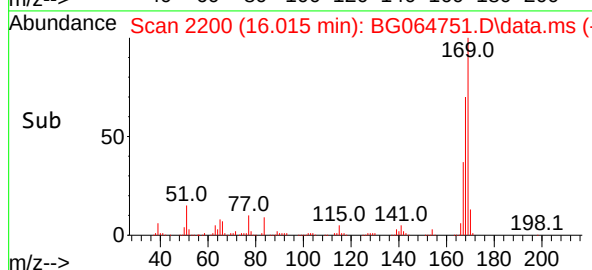
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

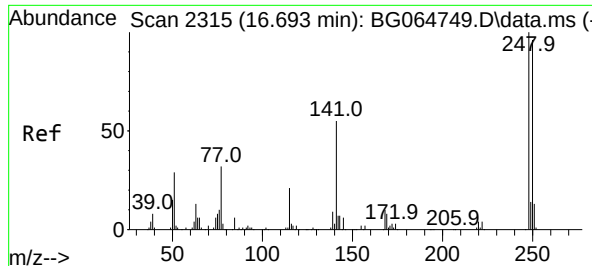


#66
n-Nitrosodiphenylamine
Concen: 60.512 ng
RT: 16.015 min Scan# 2200
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



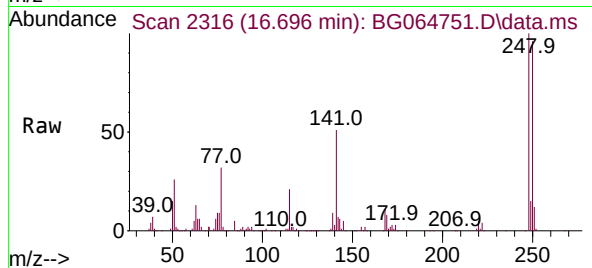
Tgt Ion:169 Resp: 408909
Ion Ratio Lower Upper
169 100
168 69.7 55.9 83.9
167 36.8 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 61.378 ng
RT: 16.696 min Scan# 2315
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

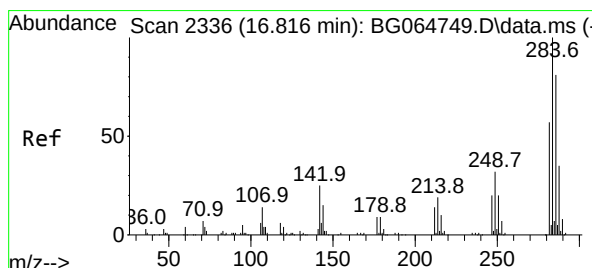
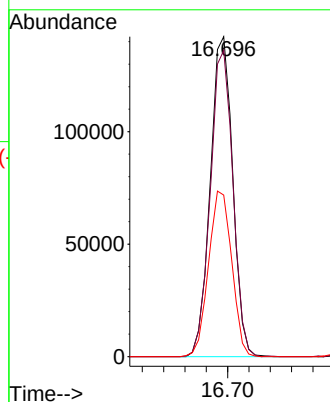
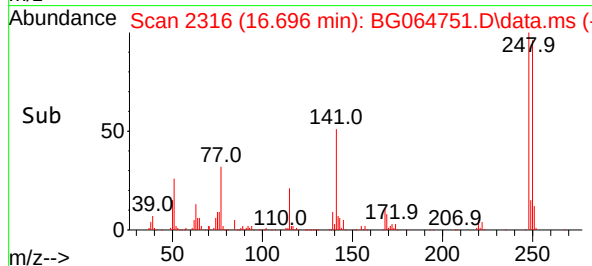
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



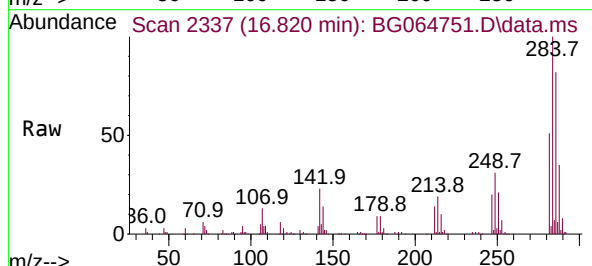
Tgt Ion:248 Resp: 20794
Ion Ratio Lower Upper
248 100
250 95.7 77.0 115.6
141 50.5 43.7 65.5

Manual Integrations
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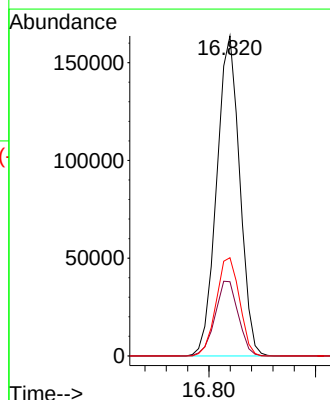
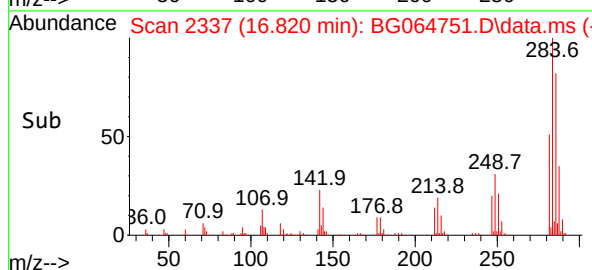
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

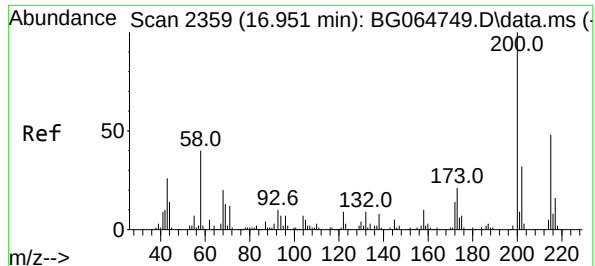


#68
Hexachlorobenzene
Concen: 59.815 ng
RT: 16.820 min Scan# 2337
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



Tgt Ion:284 Resp: 245522
Ion Ratio Lower Upper
284 100
142 23.2 19.7 29.5
249 33.3 28.1 42.1





#69

Atrazine

Concen: 60.098 ng

RT: 16.955 min Scan# 2359

Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 195803

Ion Ratio Lower Upper

200 100

173 22.9 0.9 40.9

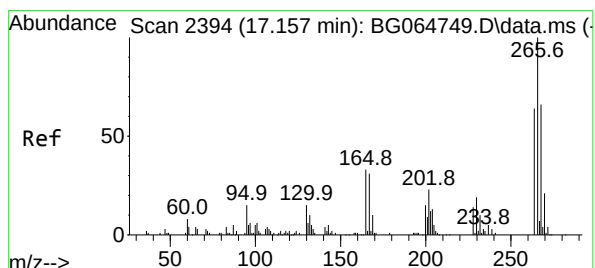
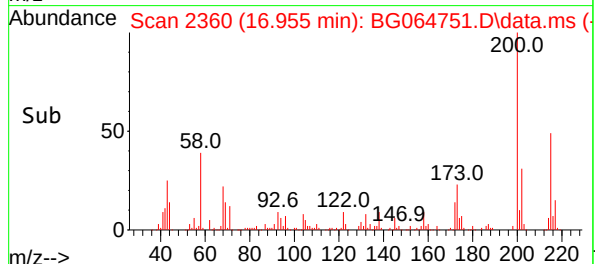
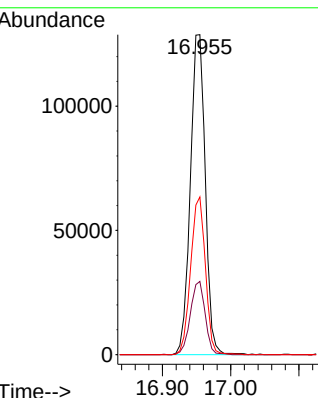
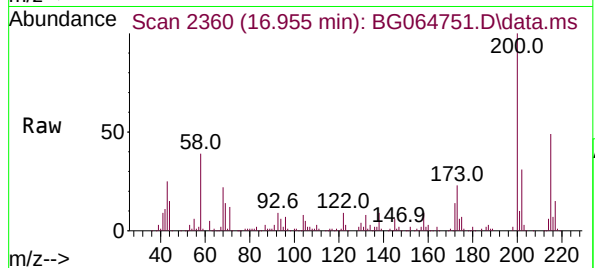
215 49.3 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 61.120 ng

RT: 17.155 min Scan# 2394

Delta R.T. -0.002 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

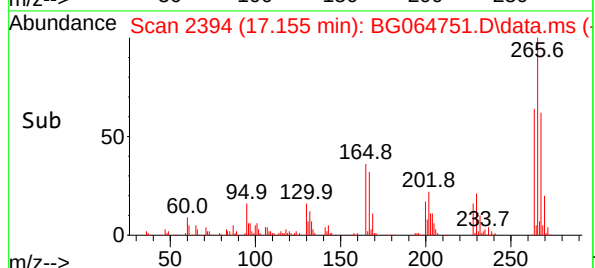
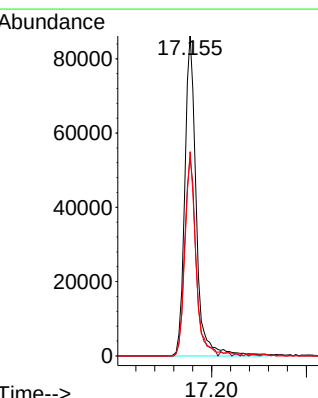
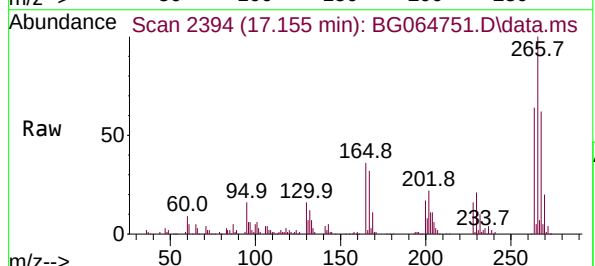
Tgt Ion:266 Resp: 144648

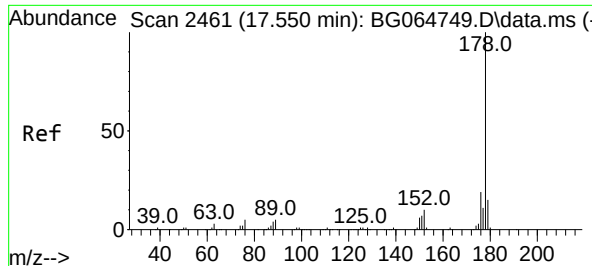
Ion Ratio Lower Upper

266 100

268 66.6 56.1 84.1

264 63.8 51.2 76.8





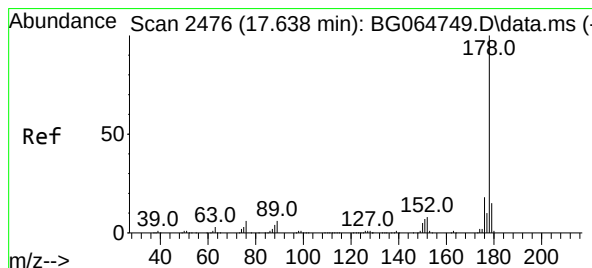
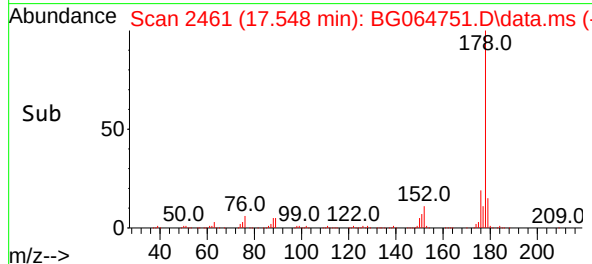
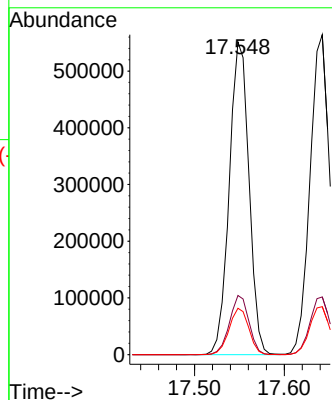
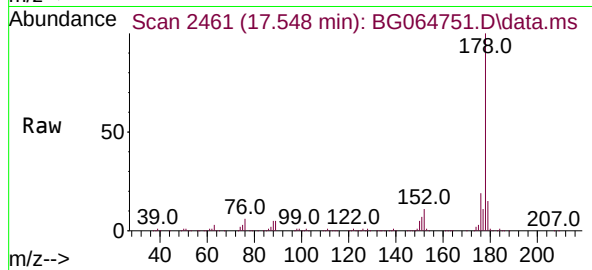
#71
Phenanthrene
Concen: 59.753 ng
RT: 17.548 min Scan# 2461
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 84342
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 14.8 12.2 18.4

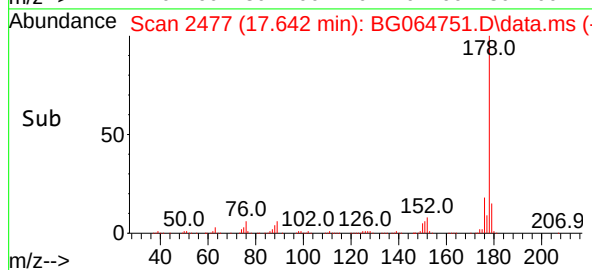
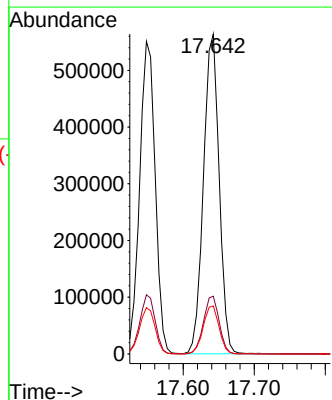
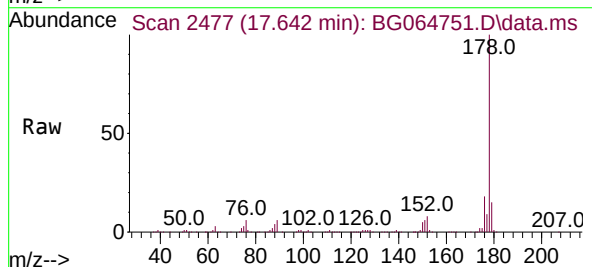
Manual Integrations
APPROVED

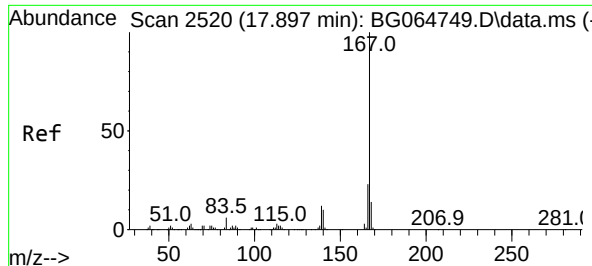
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 59.861 ng
RT: 17.642 min Scan# 2477
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

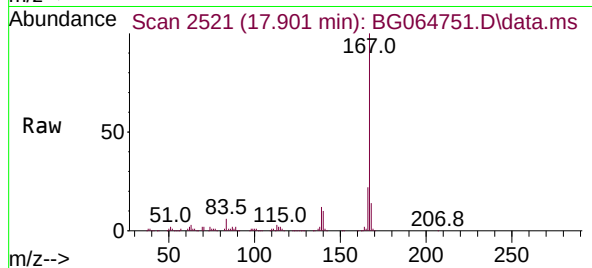
Tgt Ion:178 Resp: 861577
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.0 12.2 18.4





#73
Carbazole
Concen: 59.766 ng
RT: 17.901 min Scan# 2521
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

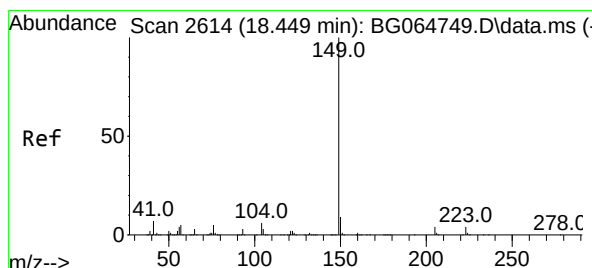
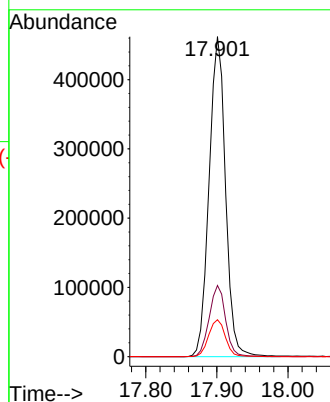
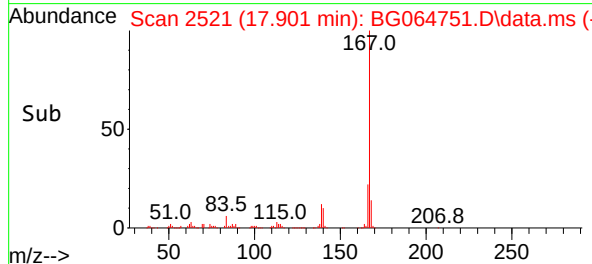
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 739493
Ion Ratio Lower Upper
167 100
166 22.2 18.0 27.0
139 11.5 9.7 14.5

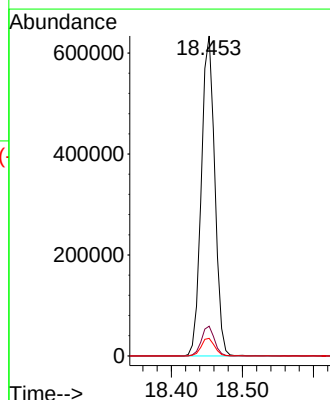
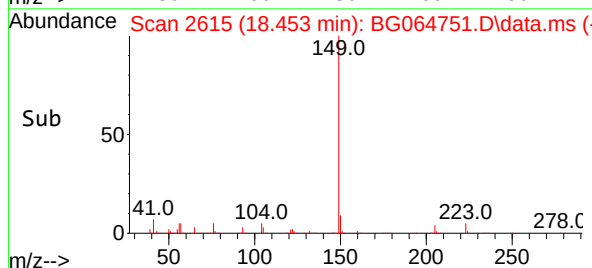
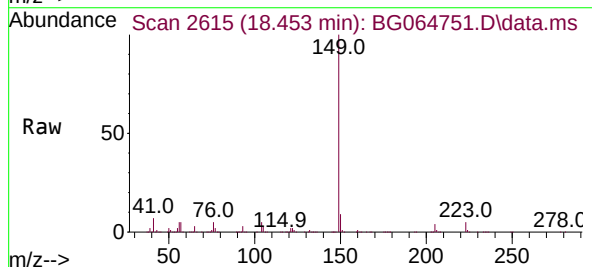
Manual Integrations
APPROVED

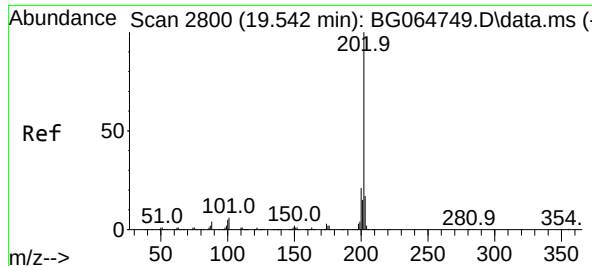
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#74
Di-n-butylphthalate
Concen: 59.986 ng
RT: 18.453 min Scan# 2615
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

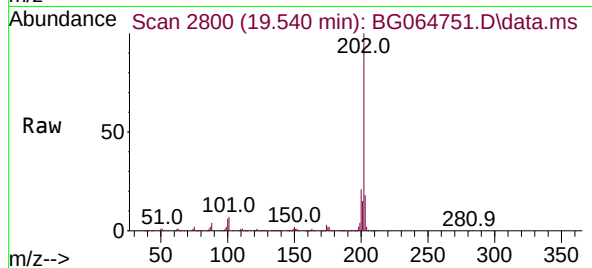
Tgt Ion:149 Resp: 828062
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 59.146 ng
RT: 19.540 min Scan# 2800
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

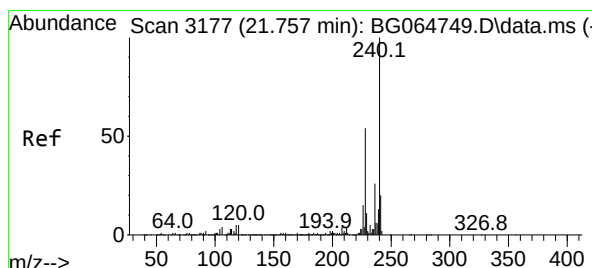
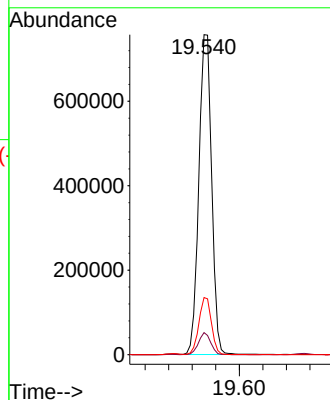
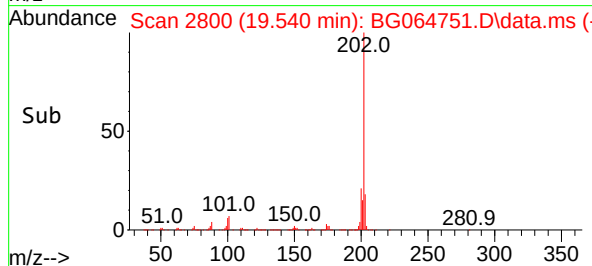
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 1141630
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.4
203 17.8 0.0 37.5

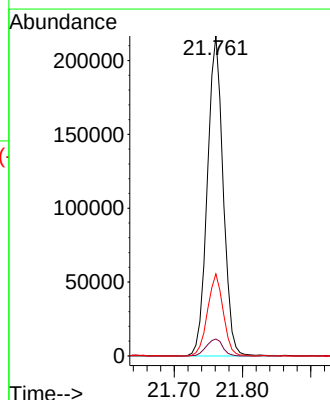
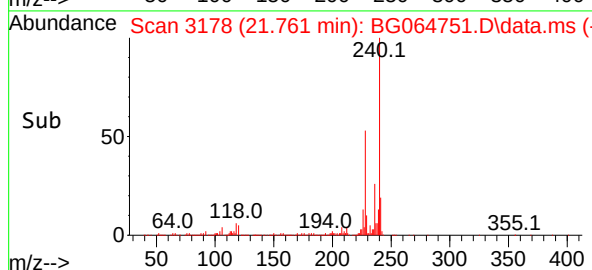
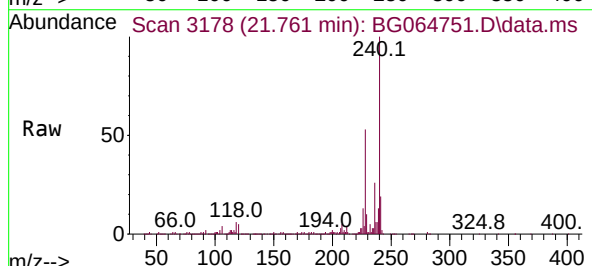
Manual Integrations
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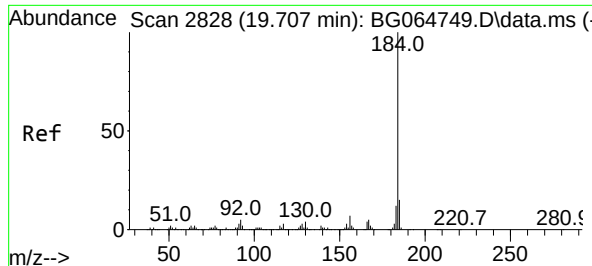
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.761 min Scan# 3178
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

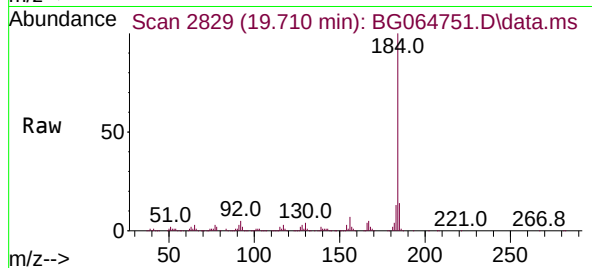
Tgt Ion:240 Resp: 346774
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.4
236 25.6 20.8 31.2





#77
Benzidine
Concen: 55.340 ng
RT: 19.710 min Scan# 2829
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

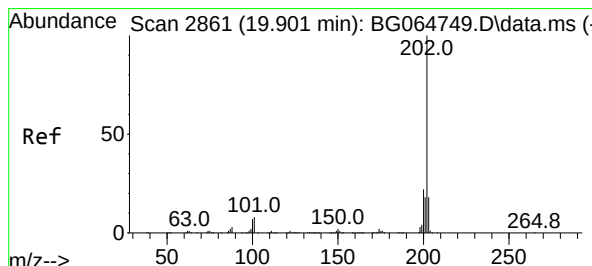
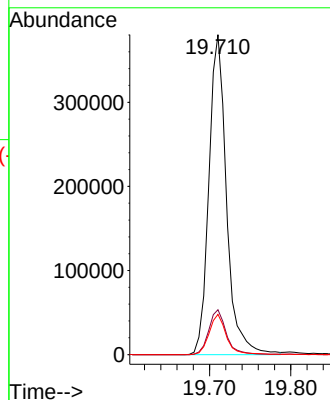
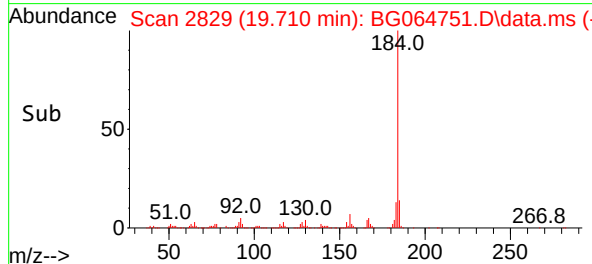
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



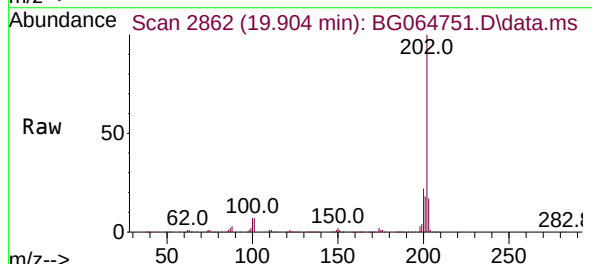
Tgt Ion:184 Resp: 574724
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 12.6 9.8 14.6

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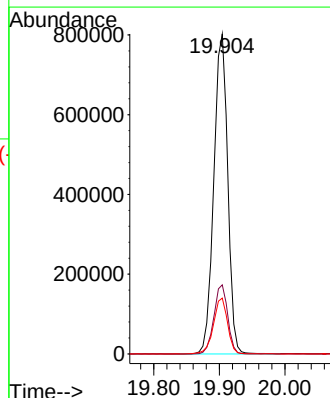
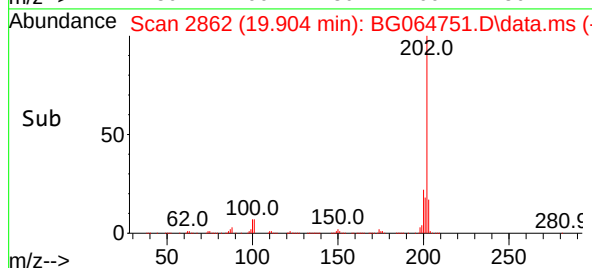
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

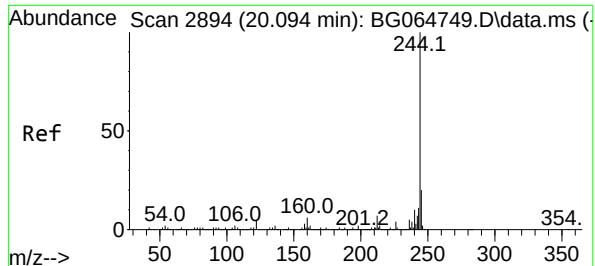


#78
Pyrene
Concen: 60.813 ng
RT: 19.904 min Scan# 2862
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



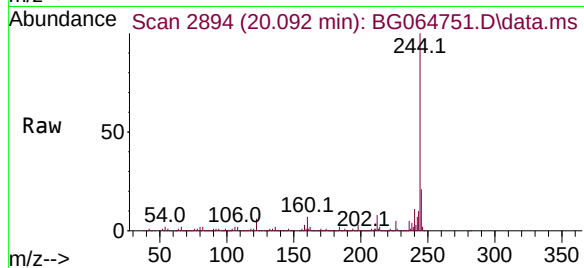
Tgt Ion:202 Resp: 1181920
Ion Ratio Lower Upper
202 100
200 21.6 17.9 26.9
203 17.4 14.0 21.0





#79
Terphenyl-d14
Concen: 117.198 ng
RT: 20.092 min Scan# 2894
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

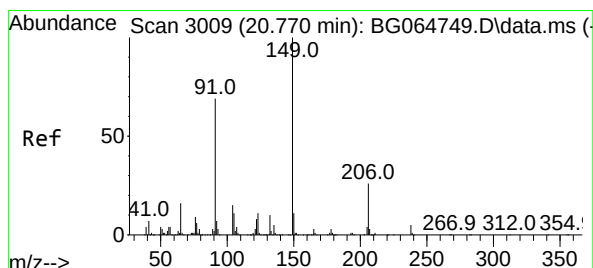
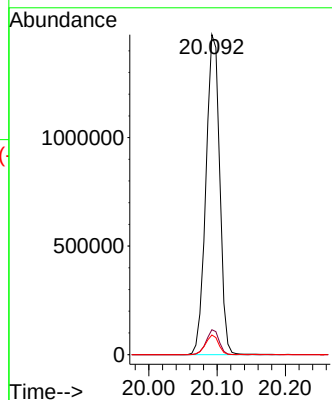
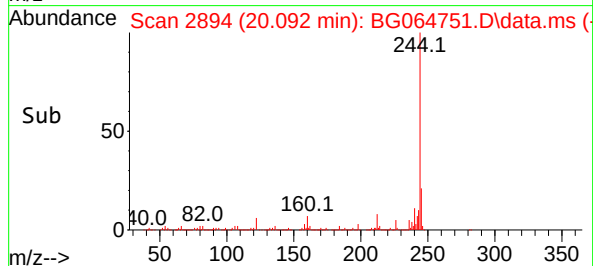
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



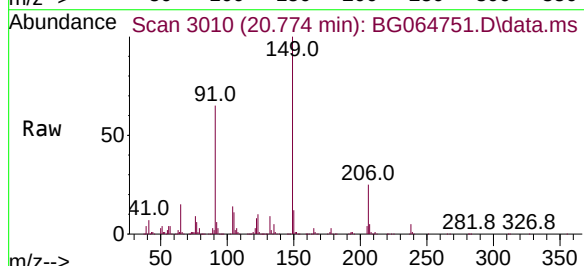
Tgt Ion:244 Resp: 206605
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 6.1 4.3 6.5

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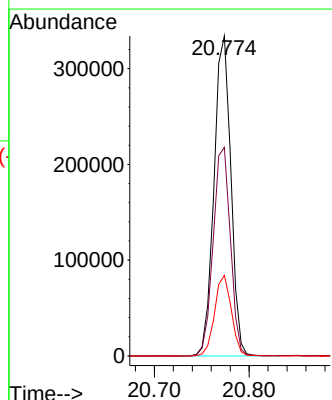
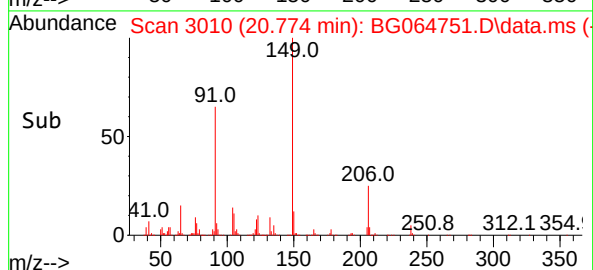
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

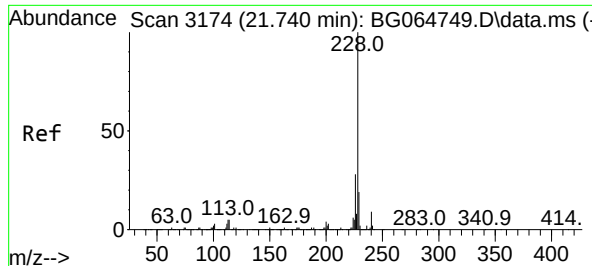


#80
Butylbenzylphthalate
Concen: 60.444 ng
RT: 20.774 min Scan# 3010
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



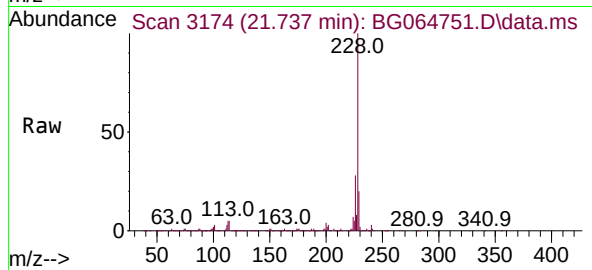
Tgt Ion:149 Resp: 413202
Ion Ratio Lower Upper
149 100
91 65.2 54.9 82.3
206 25.2 21.2 31.8





#81
Benzo(a)anthracene
Concen: 58.867 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

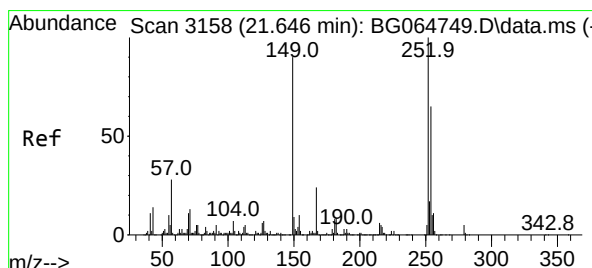
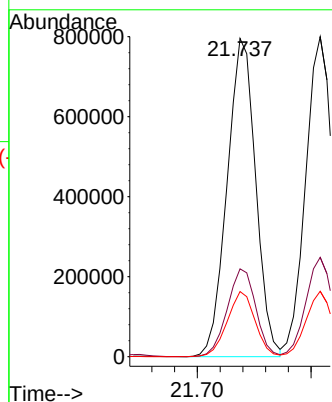
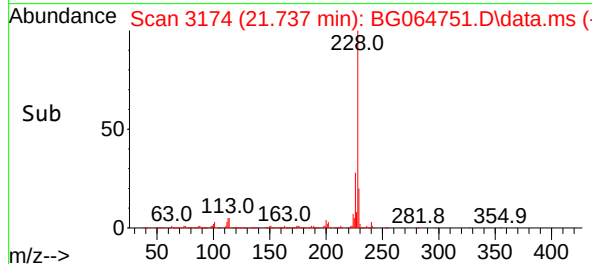
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 138805
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.5 15.5 23.3

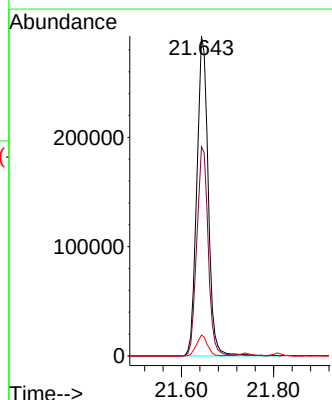
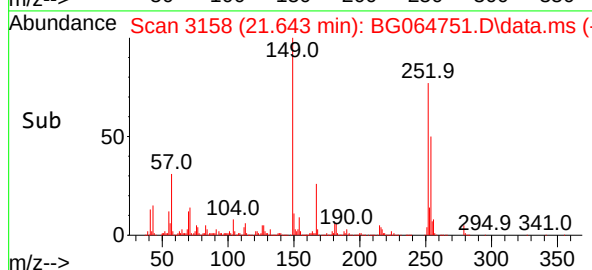
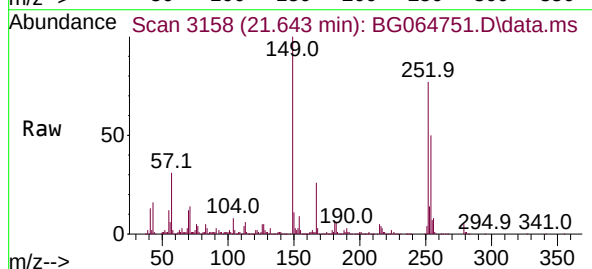
Manual Integrations
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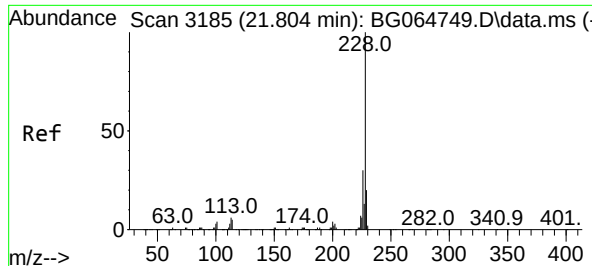
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 57.466 ng
RT: 21.643 min Scan# 3158
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

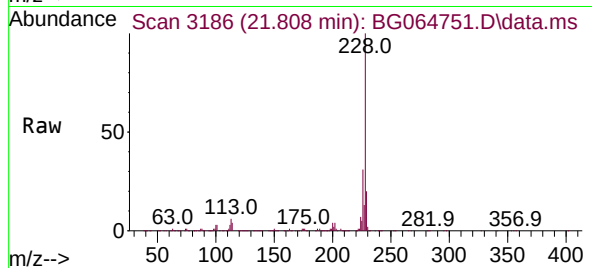
Tgt Ion:252 Resp: 498737
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.8
126 6.5 4.7 7.1





#83
Chrysene
Concen: 59.686 ng
RT: 21.808 min Scan# 3185
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

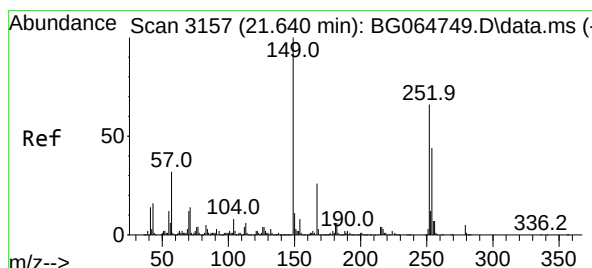
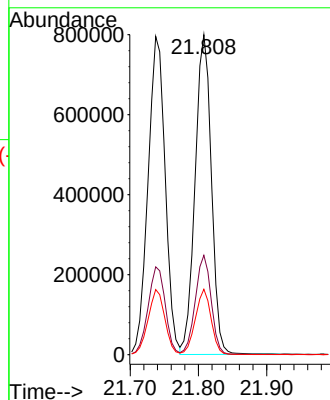
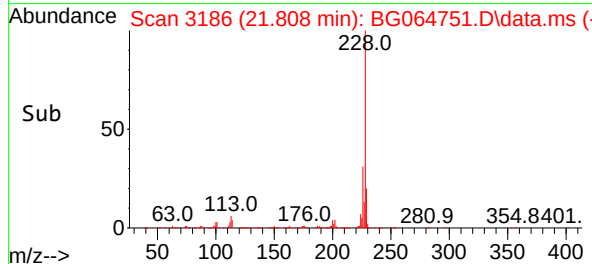
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 1326816
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 20.4 16.0 24.0

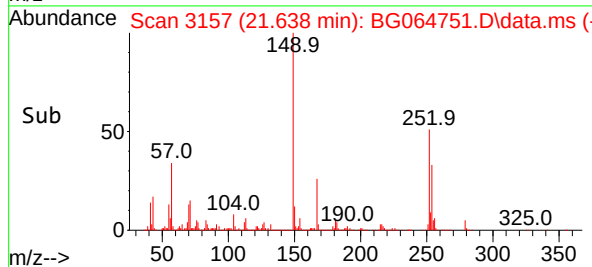
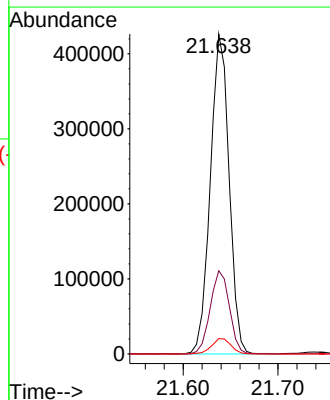
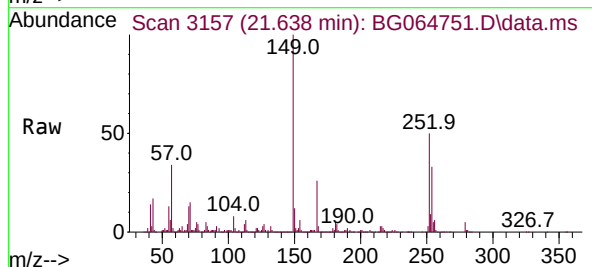
Manual Integrations
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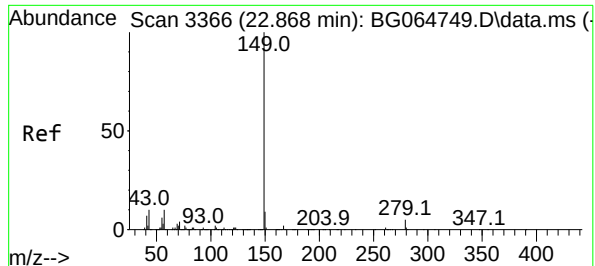
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 58.754 ng
RT: 21.638 min Scan# 3157
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

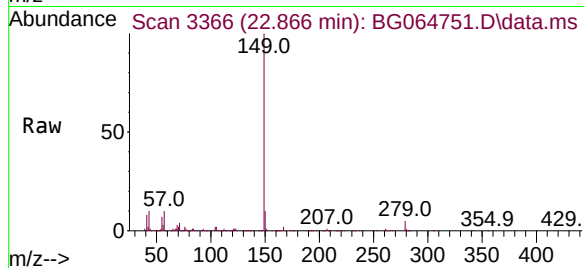
Tgt Ion:149 Resp: 586917
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 4.8 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 58.705 ng
RT: 22.866 min Scan# 3366
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

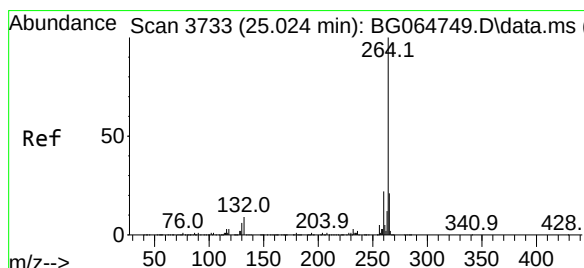
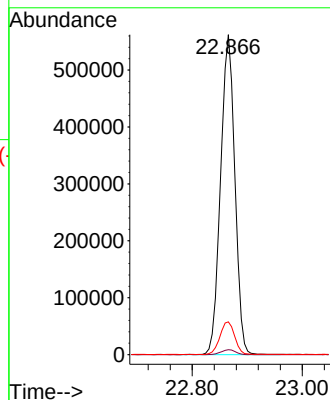
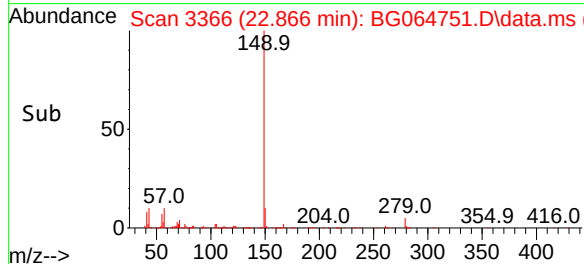
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 1013682
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 8.3 12.5

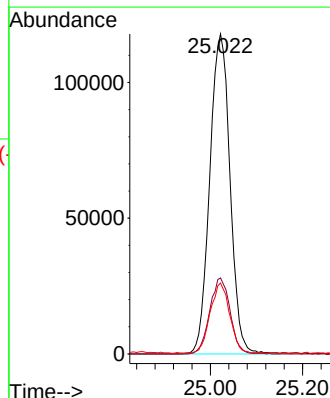
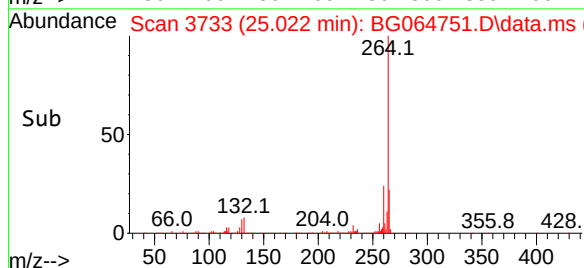
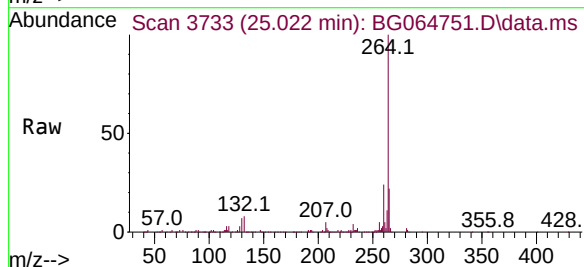
Manual Integrations
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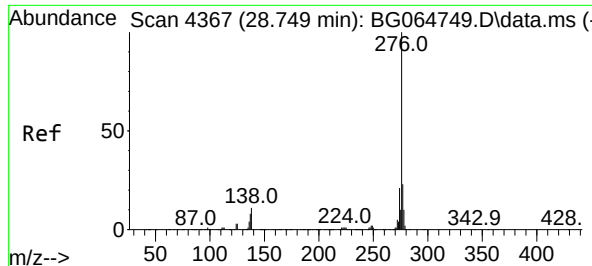
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.022 min Scan# 3733
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

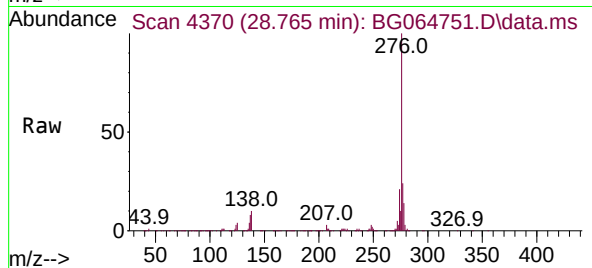
Tgt Ion:264 Resp: 359143
Ion Ratio Lower Upper
264 100
260 23.7 17.2 25.8
265 22.1 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.287 ng
RT: 28.765 min Scan# 4367
Delta R.T. 0.016 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

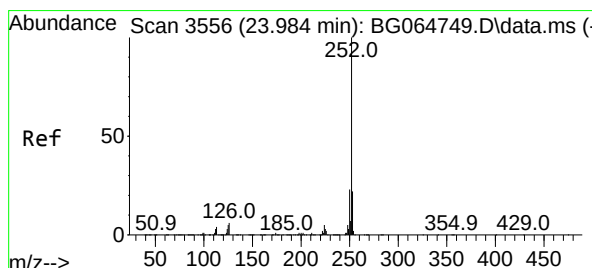
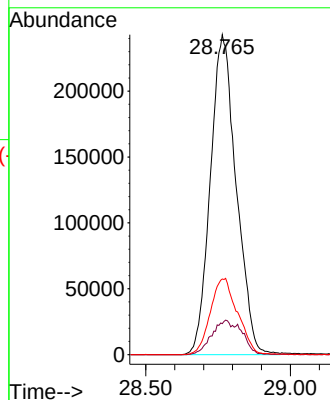
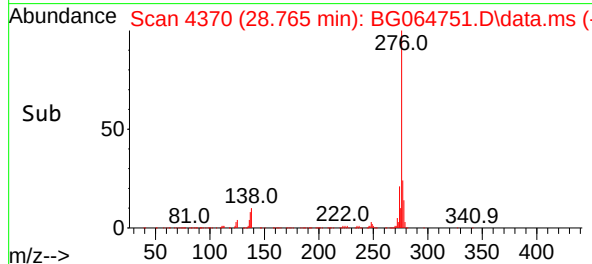
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 276 Resp: 1512216
Ion Ratio Lower Upper
276 100
138 8.7 4.5 6.7
277 24.9 20.0 30.0

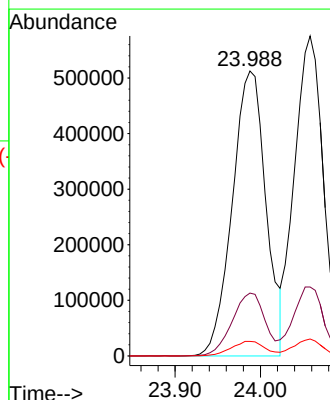
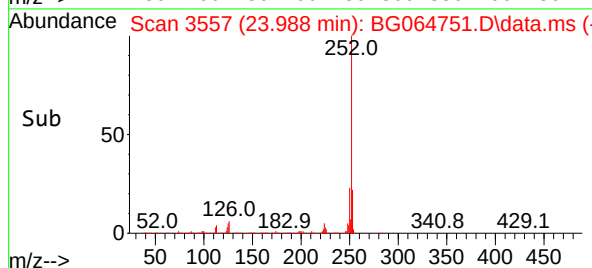
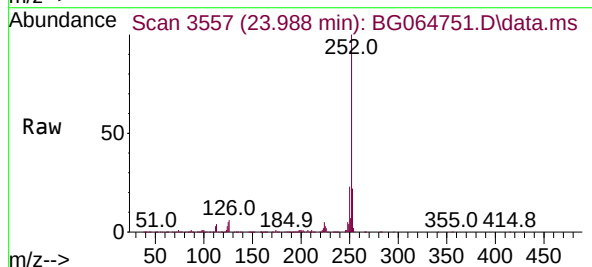
Manual Integrations
APPROVED

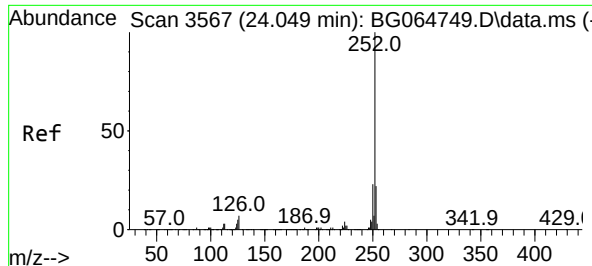
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#88
Benzo(b)fluoranthene
Concen: 61.488 ng
RT: 23.988 min Scan# 3557
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 252 Resp: 1405334
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 5.1 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 58.948 ng

RT: 24.058 min Scan# 31

Delta R.T. 0.010 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 135354

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

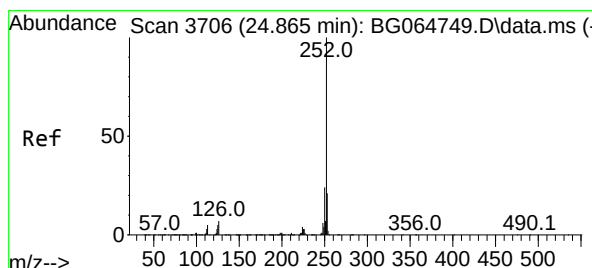
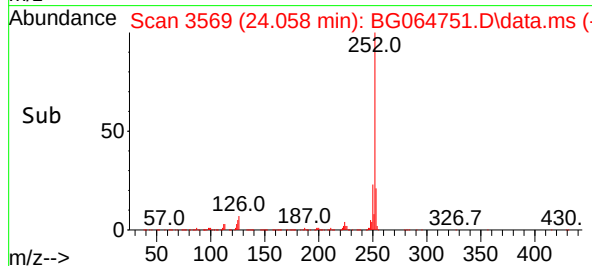
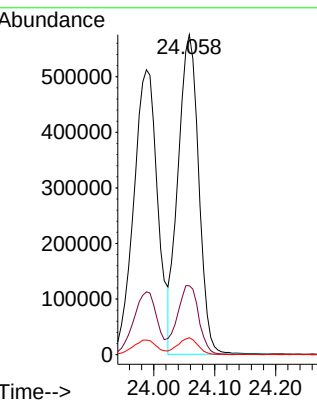
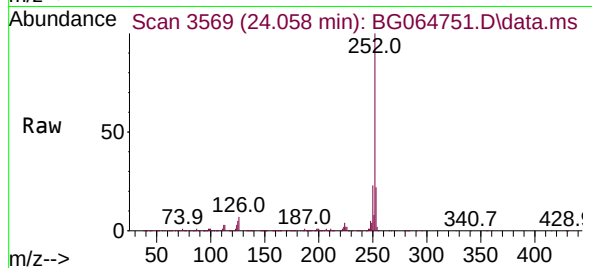
125 5.3 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 60.448 ng

RT: 24.875 min Scan# 3708

Delta R.T. 0.010 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

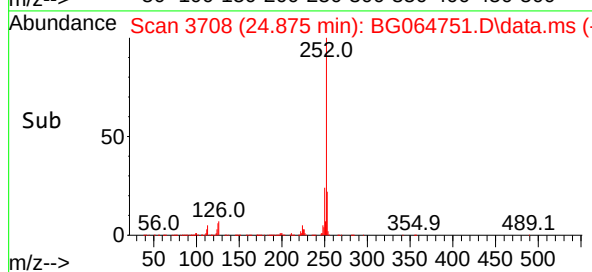
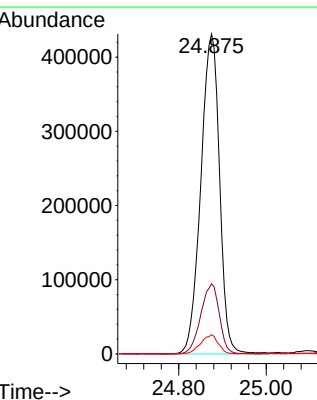
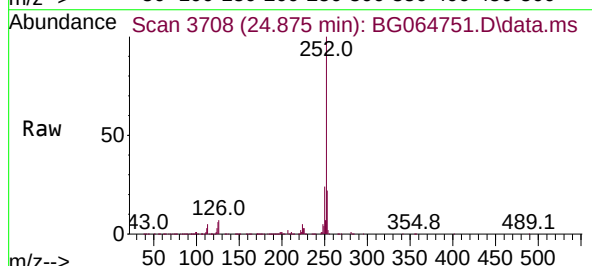
Tgt Ion:252 Resp: 1281570

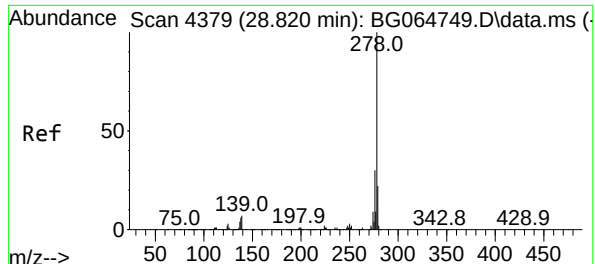
Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

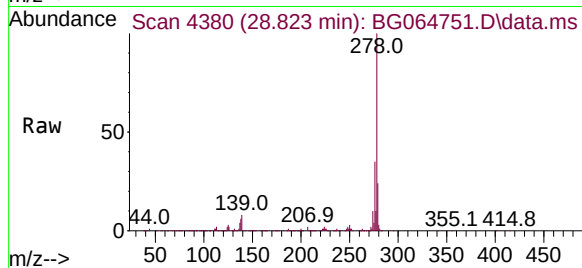
125 6.0 4.2 6.4





#91
Dibenzo(a,h)anthracene
Concen: 61.139 ng
RT: 28.823 min Scan# 4379
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

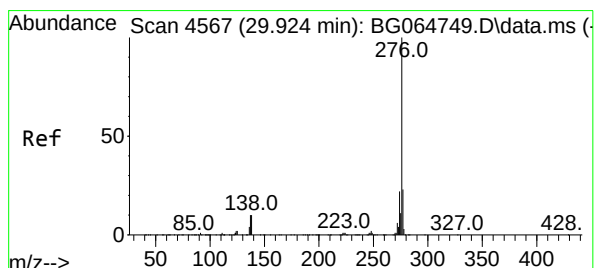
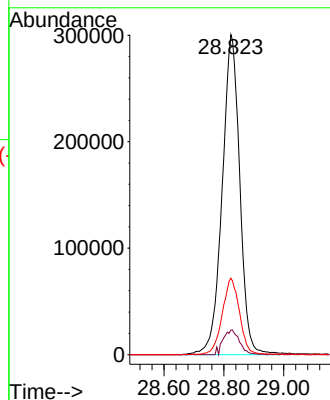
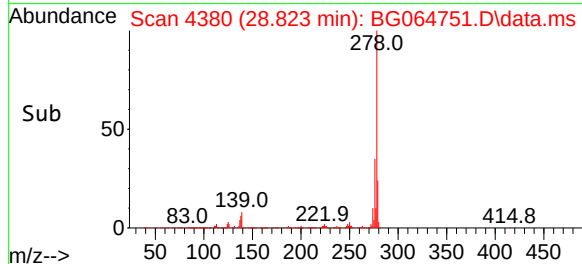
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion: 278 Resp: 1235848
Ion Ratio Lower Upper
278 100
139 7.7 5.8 8.8
279 23.9 17.3 25.9

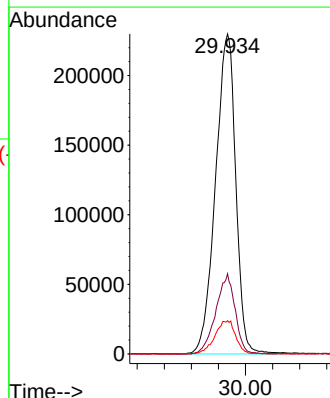
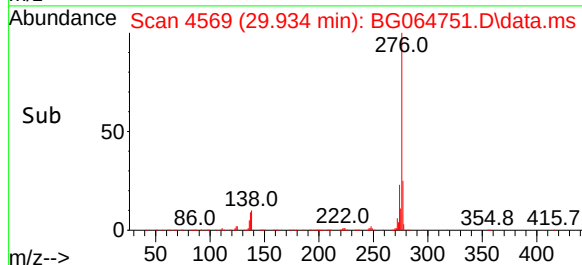
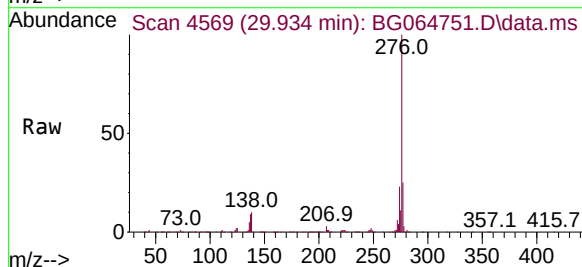
Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 61.117 ng
RT: 29.934 min Scan# 4569
Delta R.T. 0.010 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Tgt Ion: 276 Resp: 1188967
Ion Ratio Lower Upper
276 100
277 25.0 18.0 27.0
138 10.4 8.2 12.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064752.D
 Acq On : 12 Nov 2025 16:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:59:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	32100	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	121266	20.000	ng	0.00
39) Acenaphthene-d10	14.779	164	96505	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	241350	20.000	ng	0.00
76) Chrysene-d12	21.759	240	320922	20.000	ng	0.00
86) Perylene-d12	25.020	264	330317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	292678	159.215	ng	0.00
7) Phenol-d6	7.312	99	395430	161.732	ng	0.00
23) Nitrobenzene-d5	9.333	82	419720	171.129	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	311552	165.530	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	1098132	158.776	ng	0.00
79) Terphenyl-d14	20.097	244	2482378	152.157	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	54244	76.222	ng	98
3) Pyridine	3.945	79	167338	78.918	ng	97
4) n-Nitrosodimethylamine	3.851	42	85343	79.078	ng	99
6) Aniline	7.482	93	264134	81.049	ng	98
8) 2-Chlorophenol	7.729	128	161956	80.237	ng	97
9) Benzaldehyde	7.294	77	127618	79.738	ng	95
10) Phenol	7.341	94	217972	81.938	ng	98
11) bis(2-Chloroethyl)ether	7.576	93	150996	79.766	ng	98
12) 1,3-Dichlorobenzene	8.058	146	184833	79.580	ng	97
13) 1,4-Dichlorobenzene	8.205	146	186937	79.042	ng	98
14) 1,2-Dichlorobenzene	8.528	146	182159	79.436	ng	97
15) Benzyl Alcohol	8.399	79	166862	83.145	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.692	45	345673	77.148	ng	98
17) 2-Methylphenol	8.598	107	152115	80.814	ng	94
18) Hexachloroethane	9.268	117	70302	78.483	ng	98
19) n-Nitroso-di-n-propyla...	8.974	70	133452	80.726	ng	97
20) 3+4-Methylphenols	8.933	107	206758	80.182	ng	93
22) Acetophenone	8.992	105	276774	83.774	ng	# 96
24) Nitrobenzene	9.374	77	209778	84.650	ng	97
25) Isophorone	9.903	82	380468	81.460	ng	99
26) 2-Nitrophenol	10.085	139	99793	89.526	ng	96
27) 2,4-Dimethylphenol	10.144	122	163992	82.812	ng	99
28) bis(2-Chloroethoxy)met...	10.379	93	211036	82.303	ng	99
29) 2,4-Dichlorophenol	10.625	162	181140	85.199	ng	97
30) 1,2,4-Trichlorobenzene	10.849	180	211243	82.282	ng	98
31) Naphthalene	11.037	128	555384	80.791	ng	99
32) Benzoic acid	10.290	122	120088m	81.210	ng	
33) 4-Chloroaniline	11.131	127	232387	84.507	ng	98
34) Hexachlorobutadiene	11.325	225	181526	82.408	ng	98
35) Caprolactam	11.912	113	53925m	84.873	ng	
36) 4-Chloro-3-methylphenol	12.241	107	195826	82.752	ng	97
37) 2-Methylnaphthalene	12.629	142	410461	79.790	ng	99
38) 1-Methylnaphthalene	12.846	142	410081	80.251	ng	99
40) 1,2,4,5-Tetrachloroben...	12.987	216	310941	82.792	ng	100
41) Hexachlorocyclopentadiene	12.976	237	236416	87.822	ng	99
43) 2,4,6-Trichlorophenol	13.222	196	188174	85.368	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064752.D
 Acq On : 12 Nov 2025 16:04
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 16:59:53 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 16:45:57 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	209584	84.775	ng	99
46) 1,1'-Biphenyl	13.622	154	559459	80.715	ng	98
47) 2-Chloronaphthalene	13.663	162	442427	81.020	ng	99
48) 2-Nitroaniline	13.857	65	152081	86.588	ng	97
49) Acenaphthylene	14.503	152	749707	80.362	ng	99
50) Dimethylphthalate	14.221	163	610187	80.043	ng	99
51) 2,6-Dinitrotoluene	14.339	165	125468	85.533	ng	95
52) Acenaphthene	14.838	154	467978	83.664	ng	98
53) 3-Nitroaniline	14.668	138	124648	86.095	ng	95
54) 2,4-Dinitrophenol	14.873	184	85396	84.450	ng	96
55) Dibenzofuran	15.173	168	727625	78.683	ng	100
56) 4-Nitrophenol	14.961	139	101920	88.727	ng	88
57) 2,4-Dinitrotoluene	15.120	165	188833	85.865	ng	98
58) Fluorene	15.819	166	567083	78.187	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.390	232	207982	85.265	ng	97
60) Diethylphthalate	15.578	149	579413	79.342	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	346839	79.684	ng	99
62) 4-Nitroaniline	15.825	138	129007	86.012	ng	94
63) Azobenzene	16.095	77	473692	77.985	ng	96
65) 4,6-Dinitro-2-methylph...	15.884	198	126058	94.071	ng	96
66) n-Nitrosodiphenylamine	16.013	169	505935	80.031	ng	99
67) 4-Bromophenyl-phenylether	16.695	248	258213	81.469	ng	97
68) Hexachlorobenzene	16.818	284	311899	81.224	ng	95
69) Atrazine	16.953	200	246695	80.938	ng	98
70) Pentachlorophenol	17.153	266	185967	81.697	ng	97
71) Phenanthrene	17.552	178	1036635	78.503	ng	99
72) Anthracene	17.641	178	1075224	79.854	ng	99
73) Carbazole	17.899	167	917321	79.248	ng	99
74) Di-n-butylphthalate	18.451	149	1022641	79.189	ng	100
75) Fluoranthene	19.544	202	1397734	77.406	ng	99
77) Benzidine	19.709	184	715252	74.419	ng	98
78) Pyrene	19.903	202	1443820	80.273	ng	99
80) Butylbenzylphthalate	20.772	149	511144	80.795	ng	97
81) Benzo(a)anthracene	21.742	228	1727230	79.153	ng	99
82) 3,3'-Dichlorobenzidine	21.648	252	617916	76.933	ng	99
83) Chrysene	21.806	228	1622815	78.881	ng	99
84) Bis(2-ethylhexyl)phtha...	21.636	149	710301	76.834	ng	100
85) Di-n-octyl phthalate	22.864	149	1234609	77.260	ng	99
87) Indeno(1,2,3-cd)pyrene	28.775	276	1899785	83.713	ng	# 96
88) Benzo(b)fluoranthene	23.992	252	1712491	81.466	ng	99
89) Benzo(k)fluoranthene	24.063	252	1723708	81.620	ng	98
90) Benzo(a)pyrene	24.879	252	1583859	81.225	ng	99
91) Dibenzo(a,h)anthracene	28.833	278	1559703	83.894	ng	97
92) Benzo(g,h,i)perylene	29.938	276	1494746	83.541	ng	97

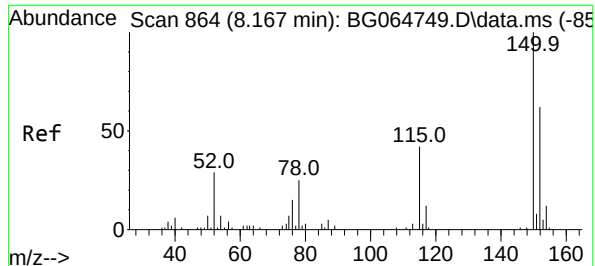
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Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations

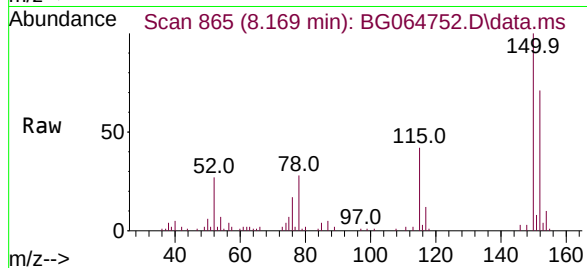
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

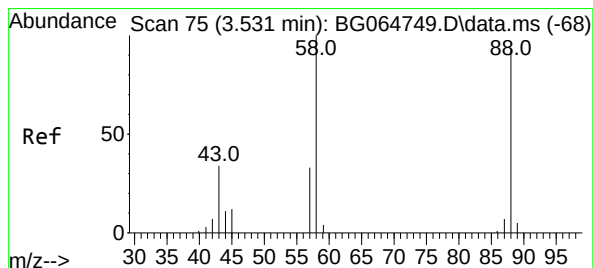
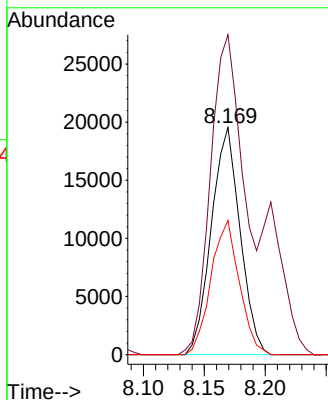
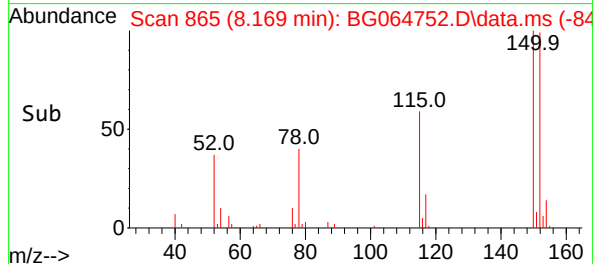
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 32100
Ion Ratio Lower Upper
152 100
150 140.9 129.2 193.8
115 59.0 53.7 80.5

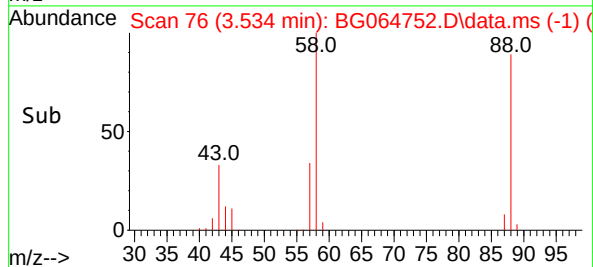
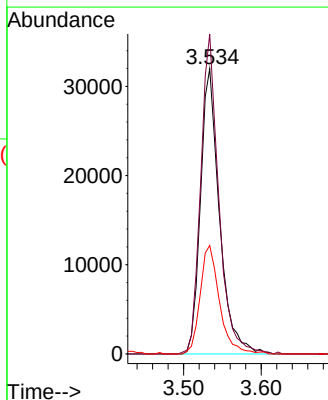
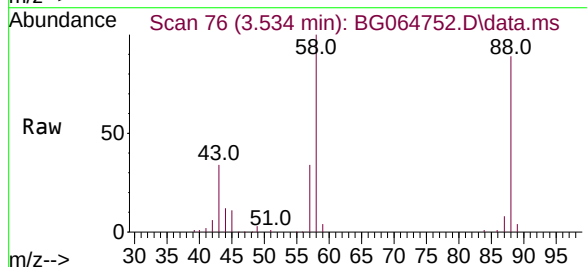
Manual Integrations
APPROVED

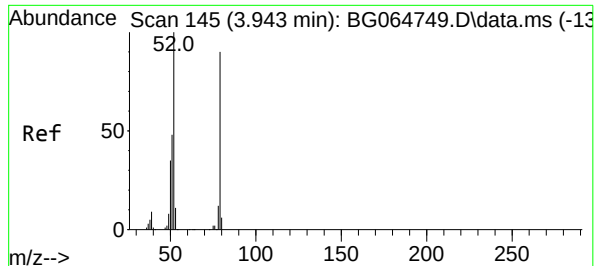
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 76.222 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 88 Resp: 54244
Ion Ratio Lower Upper
88 100
58 107.1 84.6 126.8
43 38.9 30.0 45.0





#3

Pyridine

Concen: 78.918 ng

RT: 3.945 min Scan# 145

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 167338

Ion Ratio Lower Upper

79 100

52 114.4 89.0 133.4

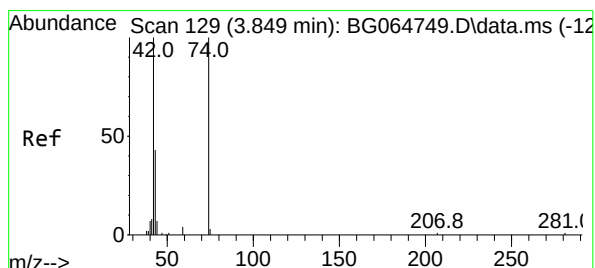
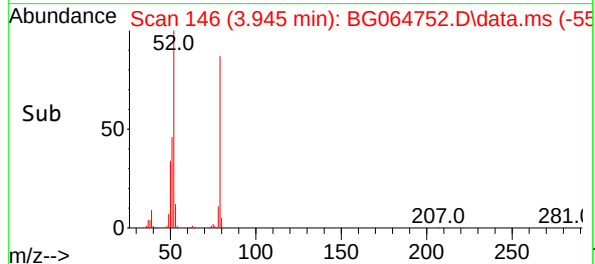
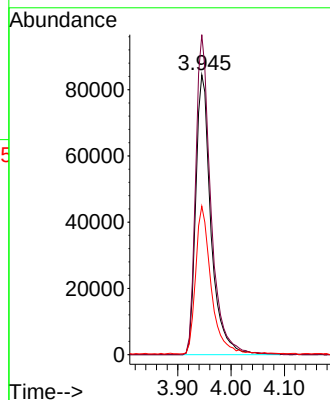
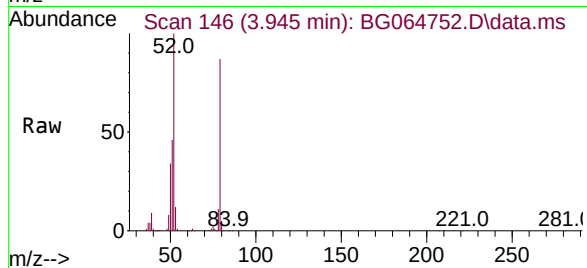
51 53.0 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#4

n-Nitrosodimethylamine

Concen: 79.078 ng

RT: 3.851 min Scan# 130

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

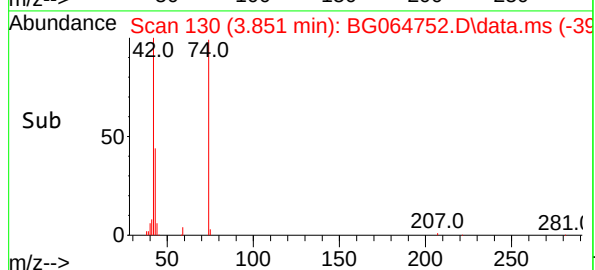
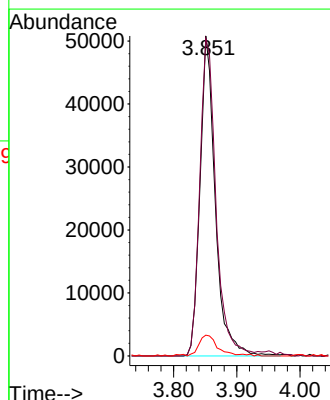
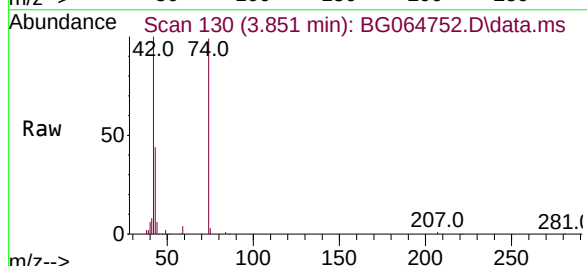
Tgt Ion: 42 Resp: 85343

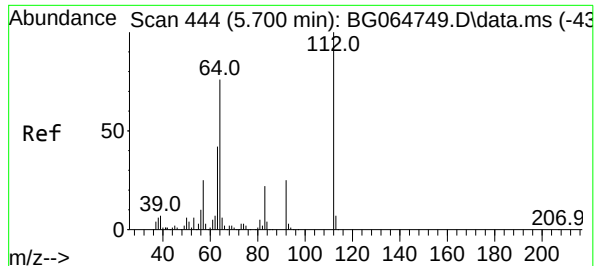
Ion Ratio Lower Upper

42 100

74 99.2 79.8 119.6

44 6.5 5.9 8.9





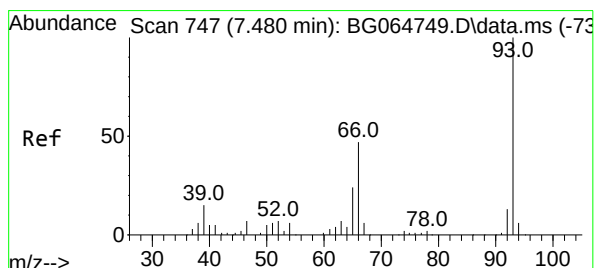
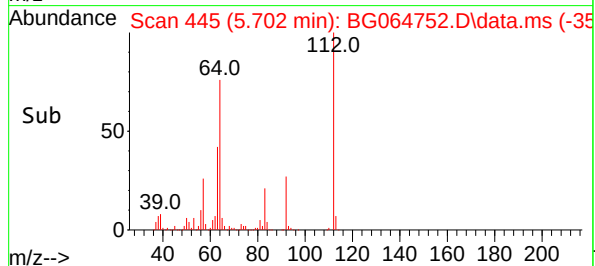
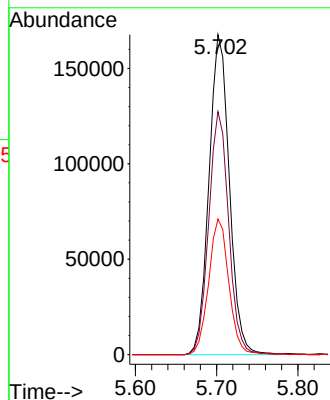
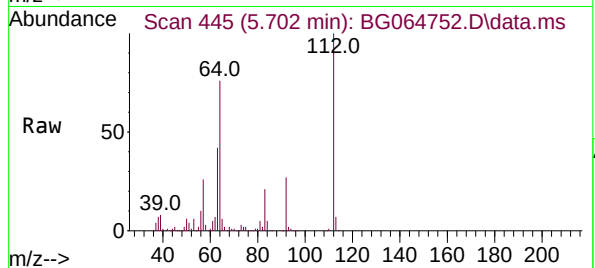
#5
2-Fluorophenol
Concen: 159.215 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 292678
Ion Ratio Lower Upper
112 100
64 75.9 61.0 91.4
63 42.4 33.3 49.9

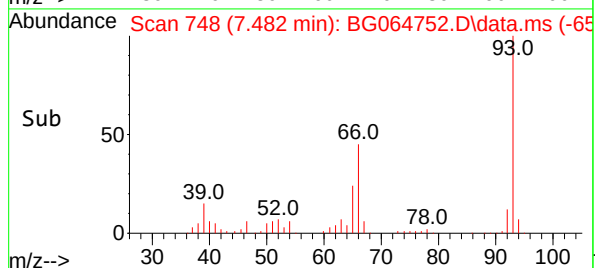
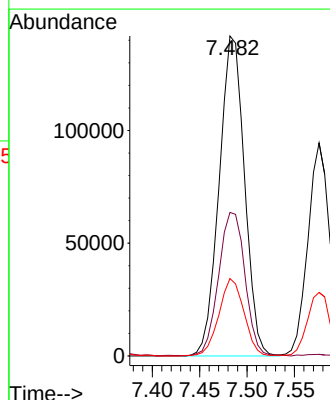
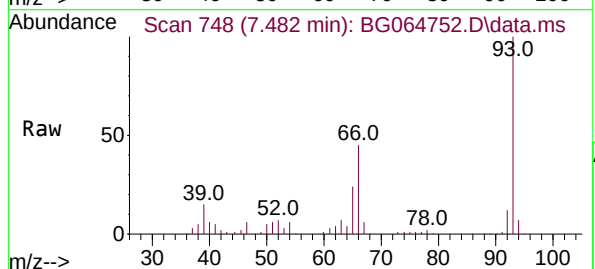
Manual Integrations
APPROVED

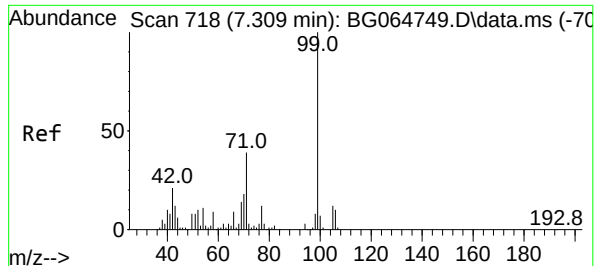
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 81.049 ng
RT: 7.482 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

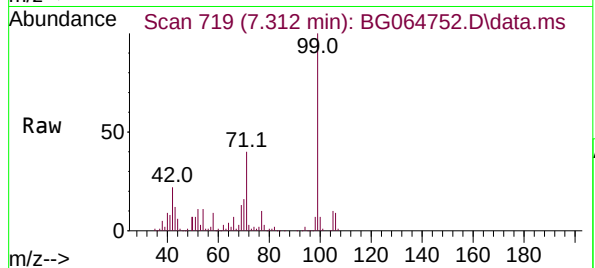
Tgt Ion: 93 Resp: 264134
Ion Ratio Lower Upper
93 100
66 44.8 37.7 56.5
65 24.2 19.1 28.7





#7
Phenol-d6
Concen: 161.732 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

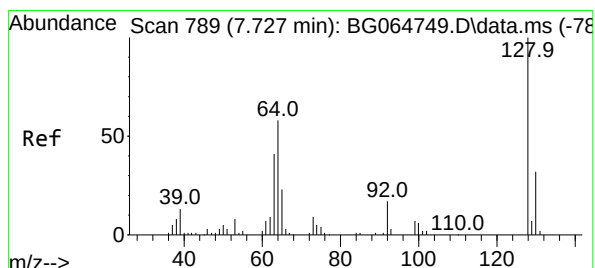
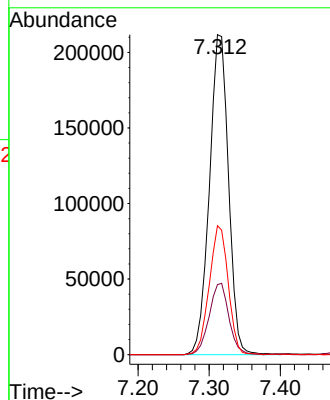
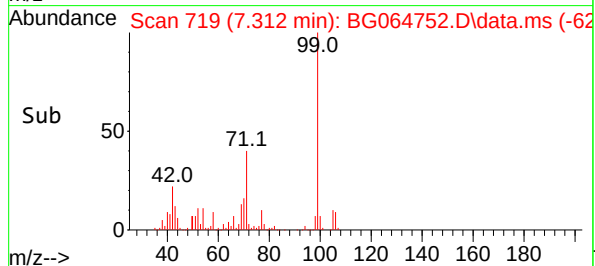
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



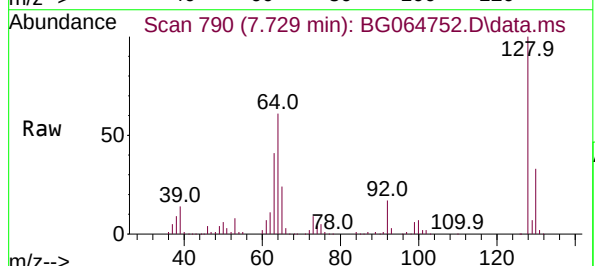
Tgt Ion: 99 Resp: 395430
Ion Ratio Lower Upper
99 100
42 21.9 16.8 25.2
71 40.3 31.1 46.7

Manual Integrations
APPROVED

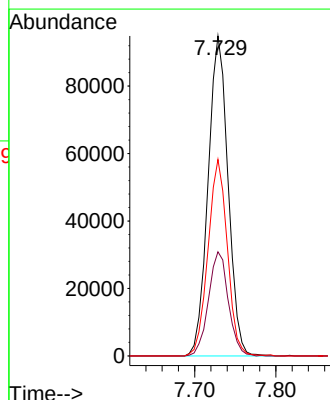
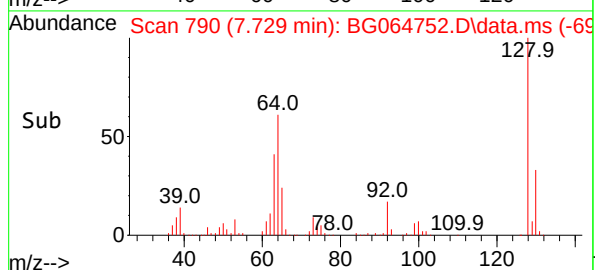
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

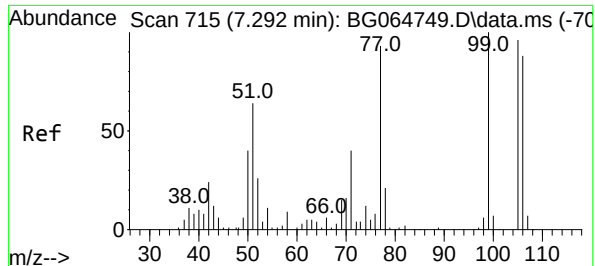


#8
2-Chlorophenol
Concen: 80.237 ng
RT: 7.729 min Scan# 790
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



Tgt Ion:128 Resp: 161956
Ion Ratio Lower Upper
128 100
130 32.5 11.9 51.9
64 61.4 38.4 78.4





#9
Benzaldehyde

Concen: 79.738 ng

RT: 7.294 min Scan# 715

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 127618

Ion Ratio Lower Upper

77 100

105 96.9 83.8 123.8

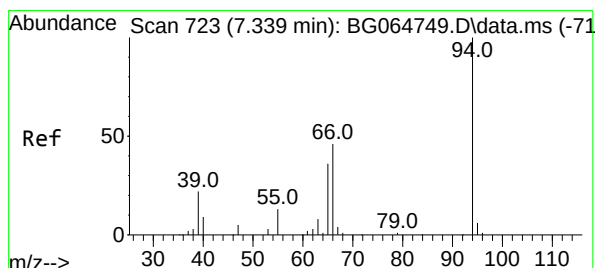
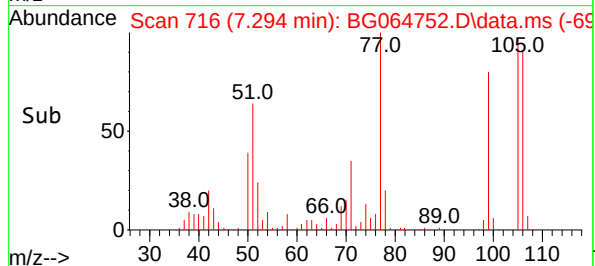
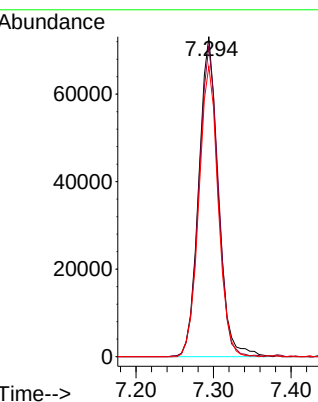
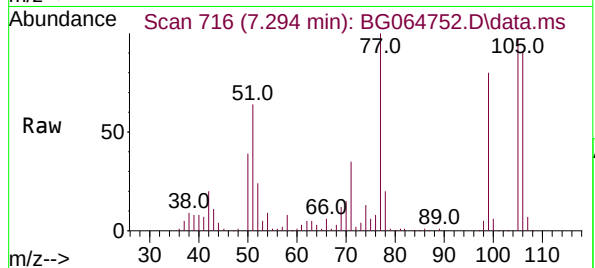
106 90.8 74.3 114.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 81.938 ng

RT: 7.341 min Scan# 724

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

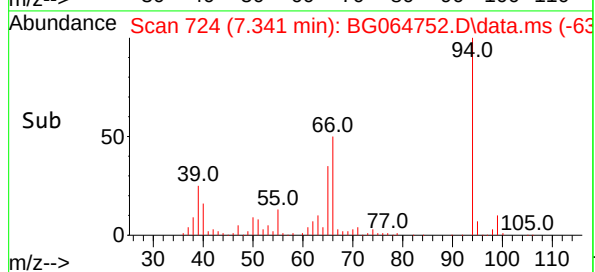
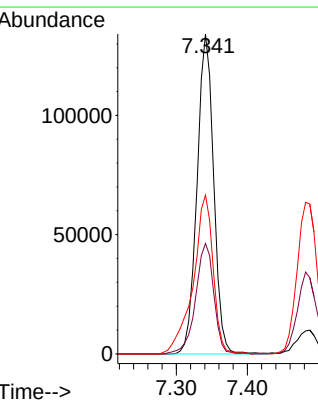
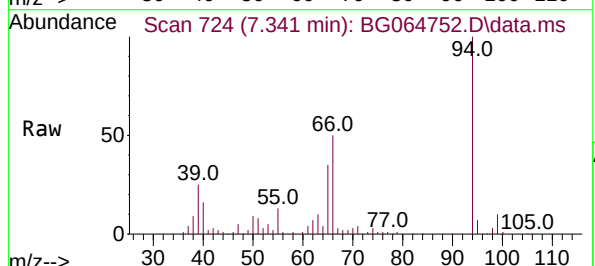
Tgt Ion: 94 Resp: 217972

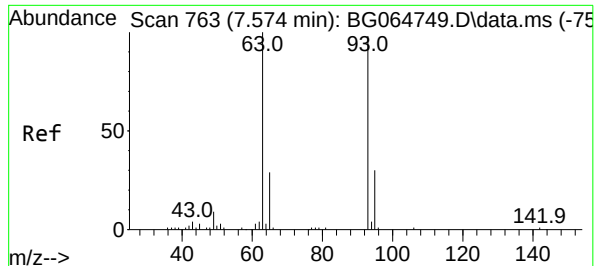
Ion Ratio Lower Upper

94 100

65 34.5 17.0 57.0

66 49.7 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 79.766 ng

RT: 7.576 min Scan# 763

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 150996

Ion Ratio Lower Upper

93 100

63 103.7 81.8 121.8

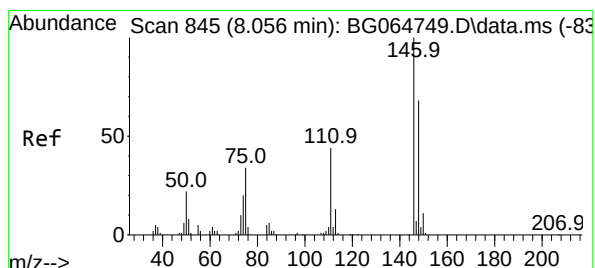
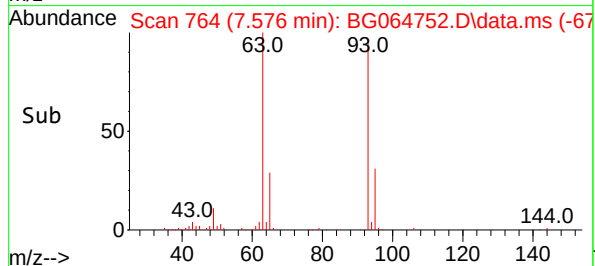
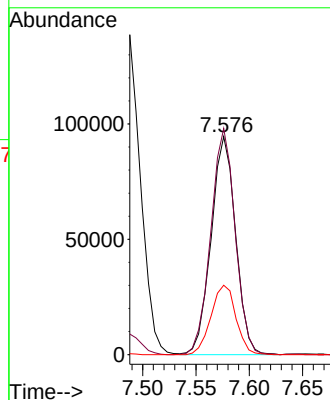
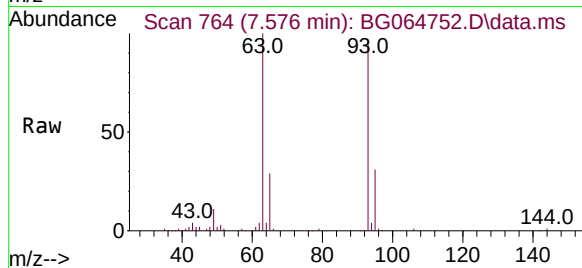
95 31.8 10.3 50.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 79.580 ng

RT: 8.058 min Scan# 846

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

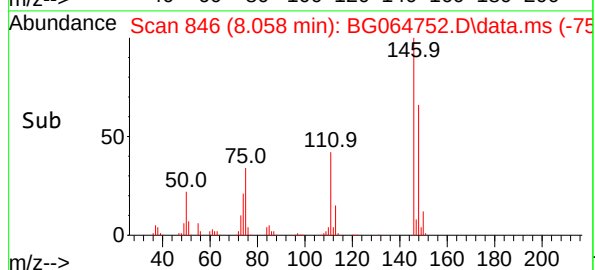
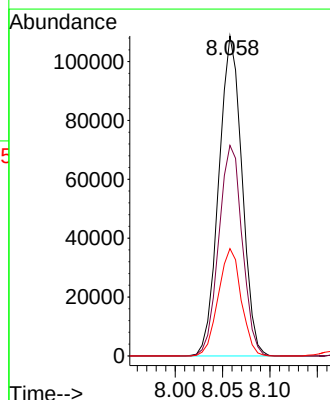
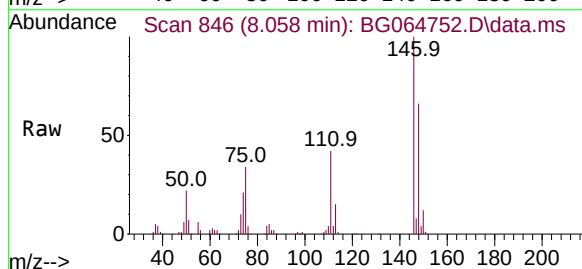
Tgt Ion:146 Resp: 184833

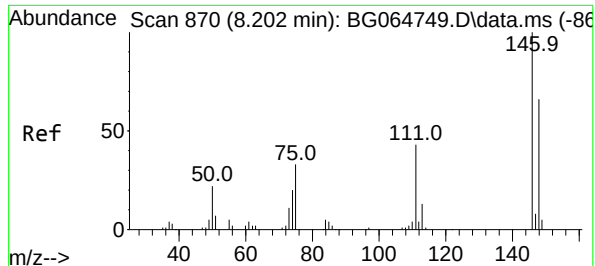
Ion Ratio Lower Upper

146 100

148 65.8 54.6 82.0

75 33.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 79.042 ng

RT: 8.205 min Scan# 81

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 18693

Ion Ratio Lower Upper

146 100

148 67.8 53.1 79.7

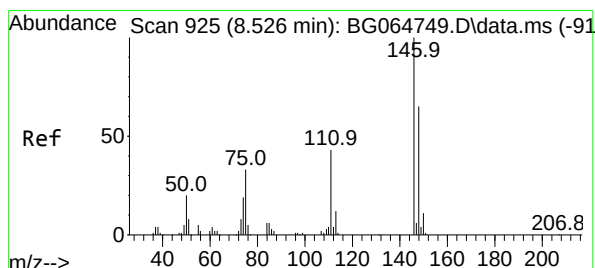
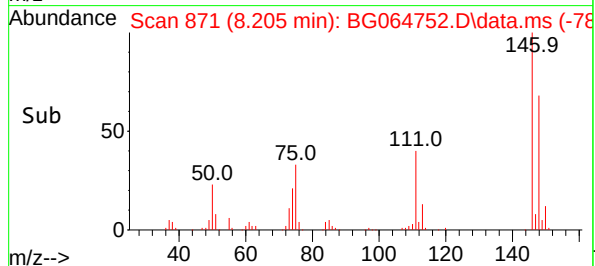
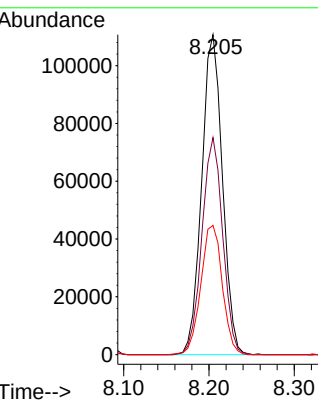
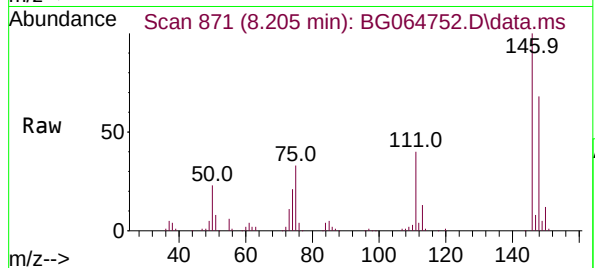
111 40.4 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 79.436 ng

RT: 8.528 min Scan# 926

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

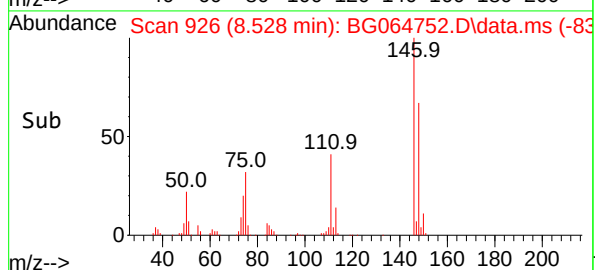
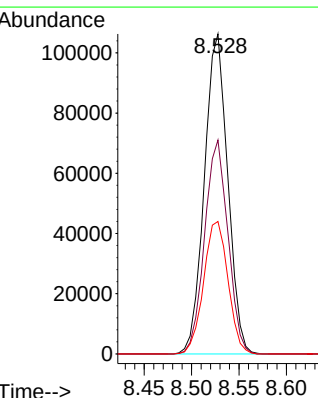
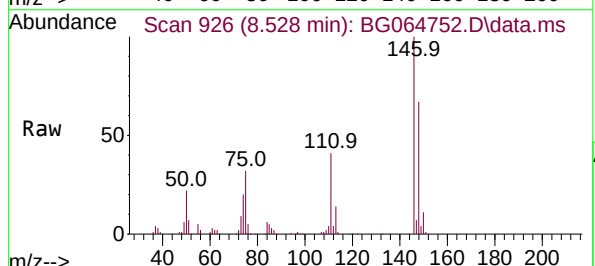
Tgt Ion:146 Resp: 182159

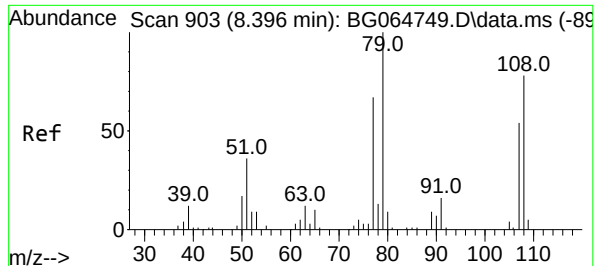
Ion Ratio Lower Upper

146 100

148 66.8 52.0 78.0

111 41.4 34.7 52.1





#15

Benzyl Alcohol

Concen: 83.145 ng

RT: 8.399 min Scan# 903

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 166862

Ion Ratio Lower Upper

79 100

108 72.8 62.3 93.5

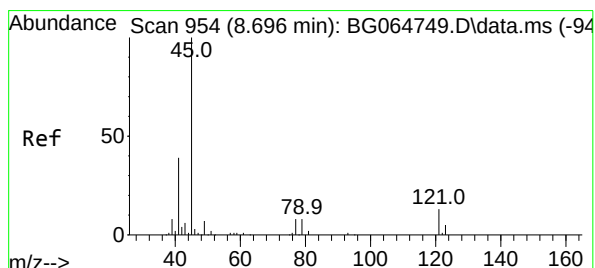
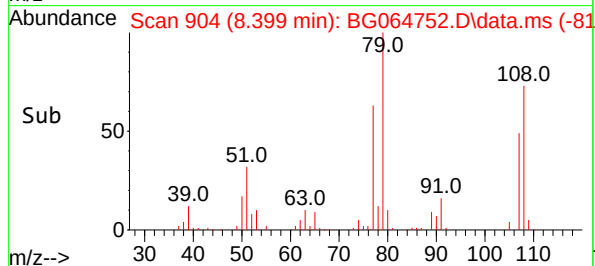
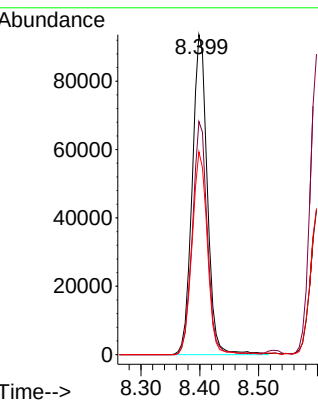
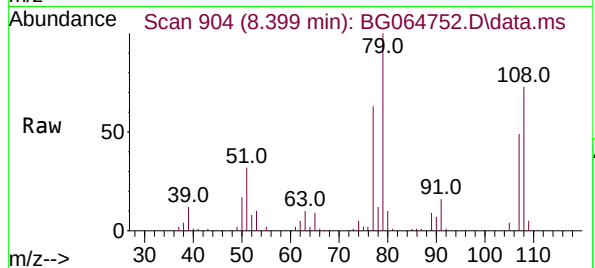
77 63.4 53.5 80.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 77.148 ng

RT: 8.692 min Scan# 954

Delta R.T. -0.004 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

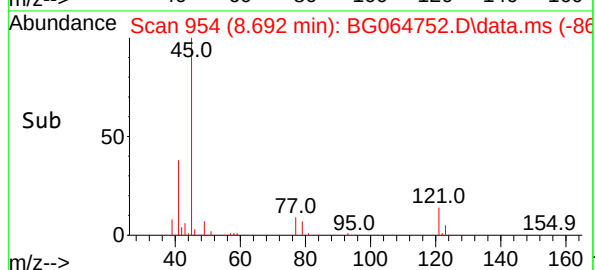
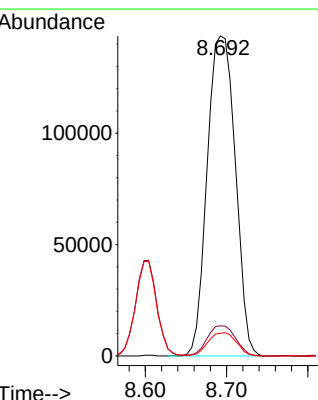
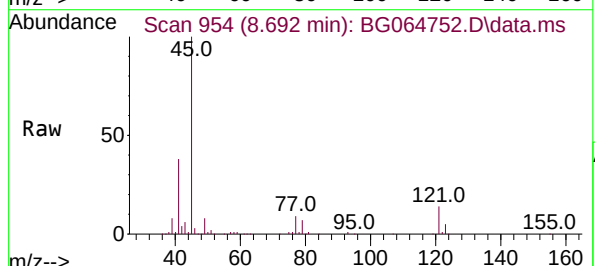
Tgt Ion: 45 Resp: 345673

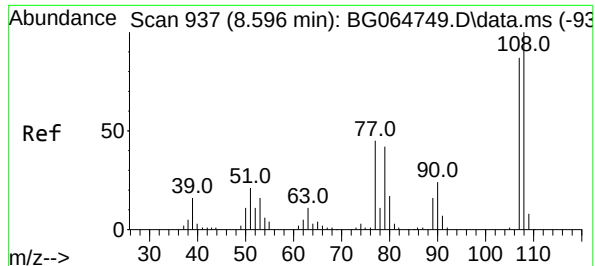
Ion Ratio Lower Upper

45 100

77 9.4 0.0 28.8

79 7.1 0.0 28.1





#17

2-Methylphenol

Concen: 80.814 ng

RT: 8.598 min Scan# 937

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 152115

Ion Ratio Lower Upper

107 100

108 105.2 92.6 138.8

77 51.1 41.2 61.8

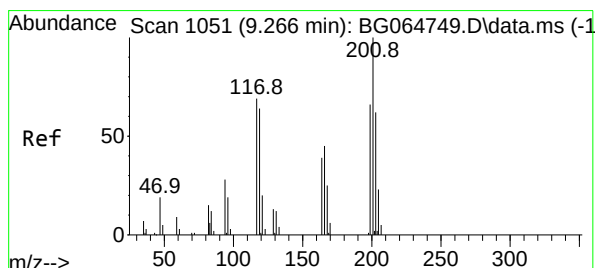
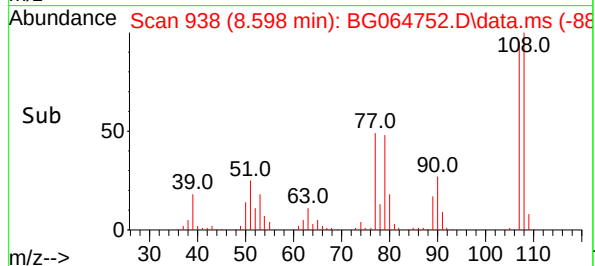
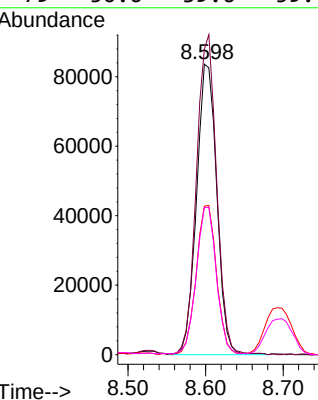
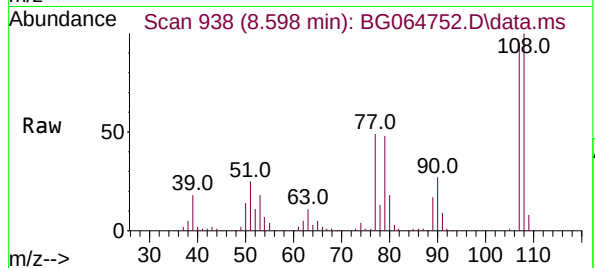
79 50.6 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 78.483 ng

RT: 9.268 min Scan# 1052

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

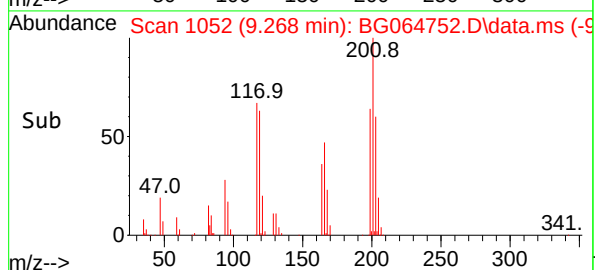
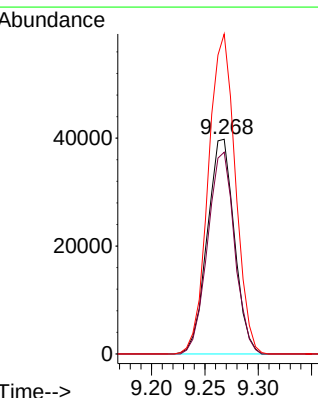
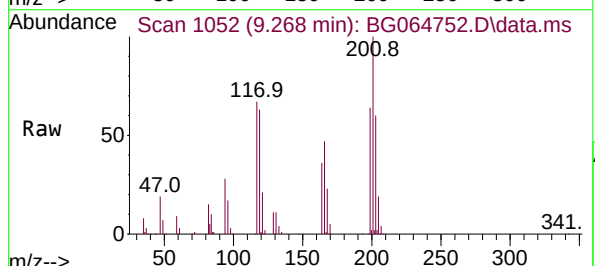
Tgt Ion:117 Resp: 70302

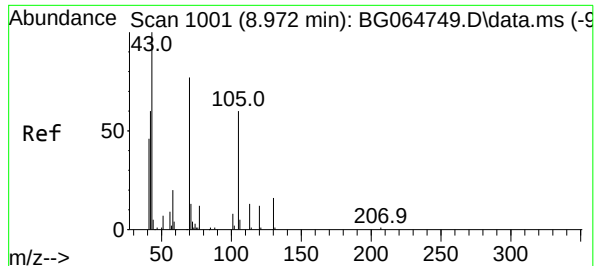
Ion Ratio Lower Upper

117 100

119 94.0 74.4 111.6

201 149.1 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 80.726 ng

RT: 8.974 min Scan# 10

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 133452

Ion Ratio Lower Upper

70 100

42 75.3 62.6 93.8

101 9.7 8.0 12.0

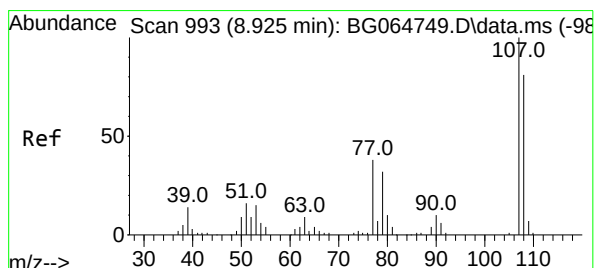
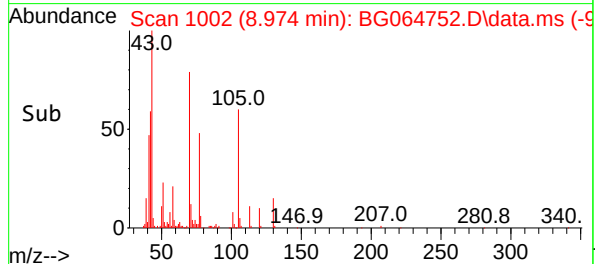
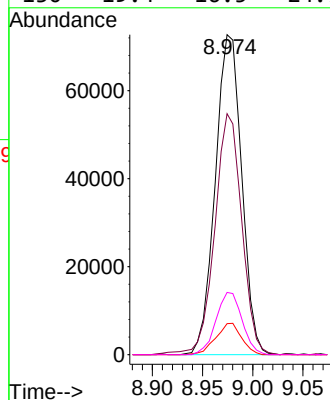
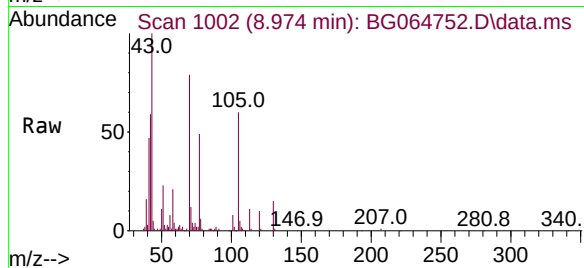
130 19.4 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 80.182 ng

RT: 8.933 min Scan# 995

Delta R.T. 0.008 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Tgt Ion:107 Resp: 206758

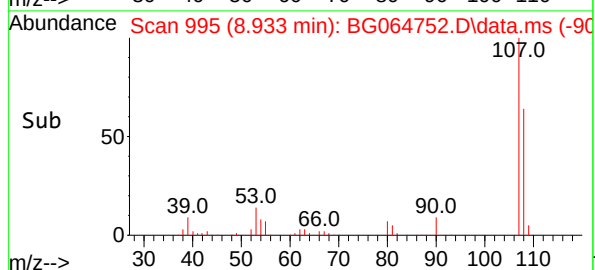
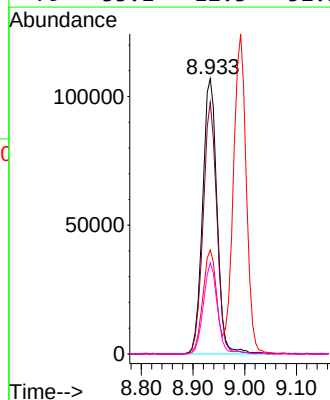
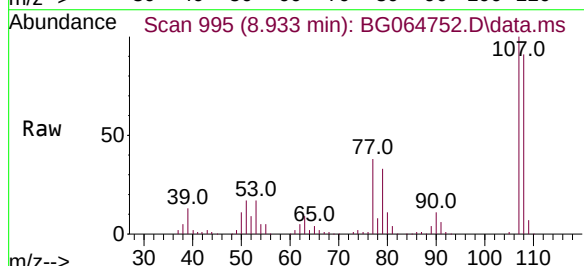
Ion Ratio Lower Upper

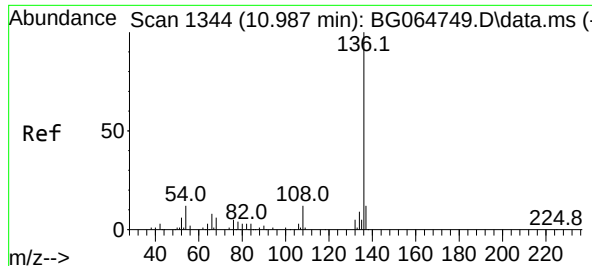
107 100

108 91.4 61.0 101.0

77 37.8 17.6 57.6

79 33.1 12.3 52.3





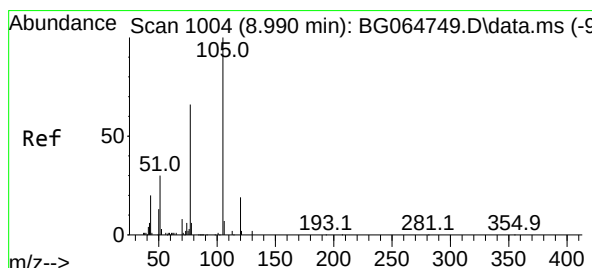
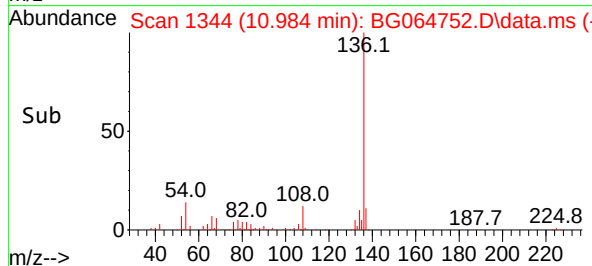
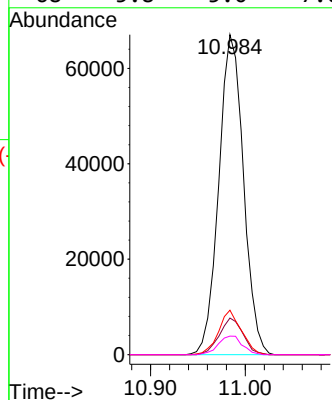
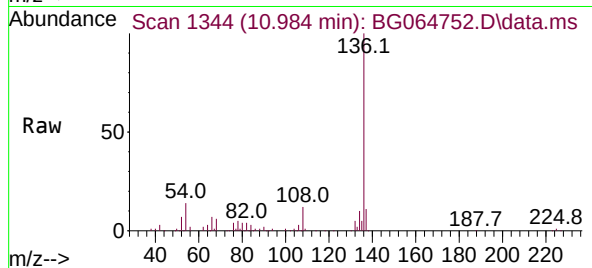
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 121266
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 13.9 9.3 13.9
68 5.8 5.0 7.6

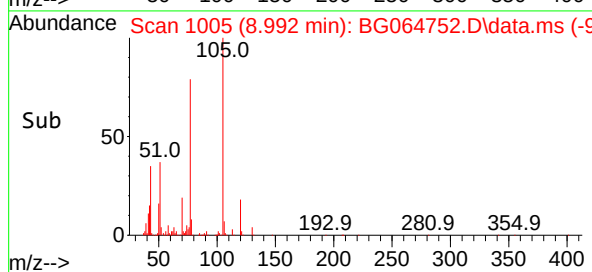
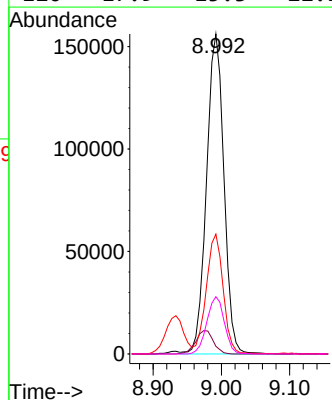
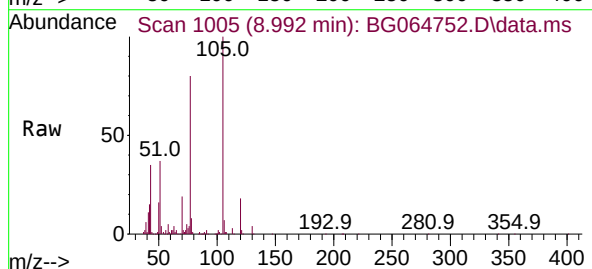
Manual Integrations
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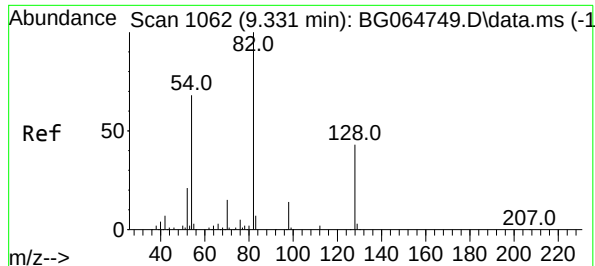
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 83.774 ng
RT: 8.992 min Scan# 1005
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:105 Resp: 276774
Ion Ratio Lower Upper
105 100
71 2.4 1.3 1.9#
51 37.4 27.9 41.9
120 17.9 15.3 22.9





#23

Nitrobenzene-d5

Concen: 171.129 ng

RT: 9.333 min Scan# 10

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 419720

Ion Ratio Lower Upper

82 100

128 39.5 34.1 51.1

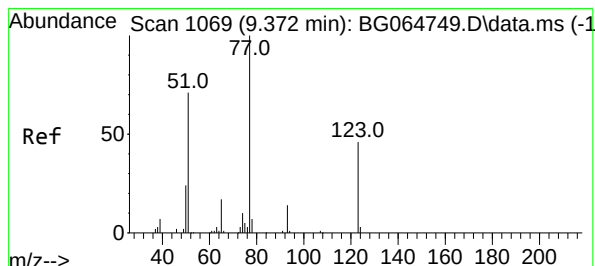
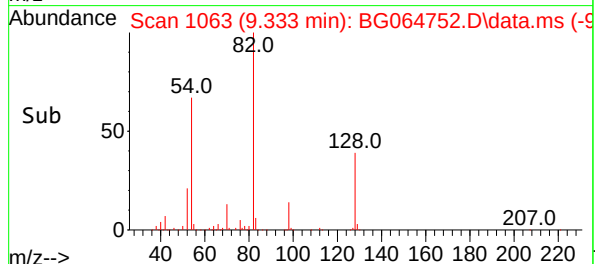
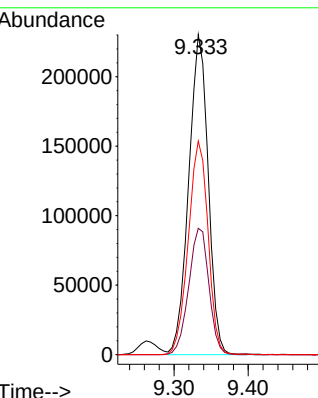
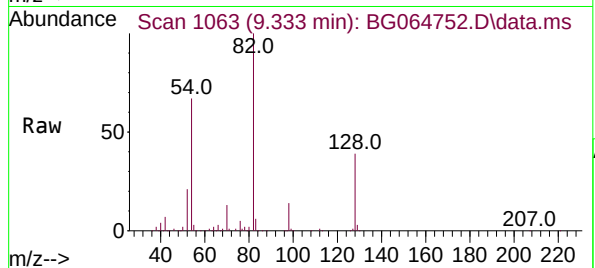
54 66.7 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 84.650 ng

RT: 9.374 min Scan# 1070

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

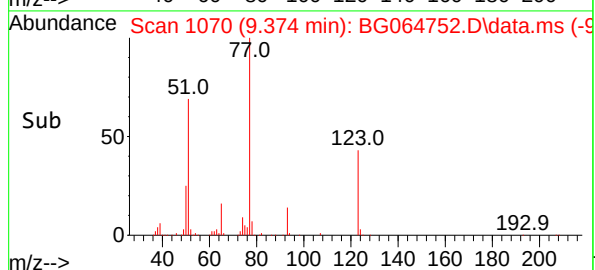
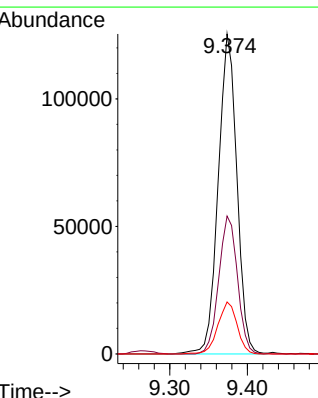
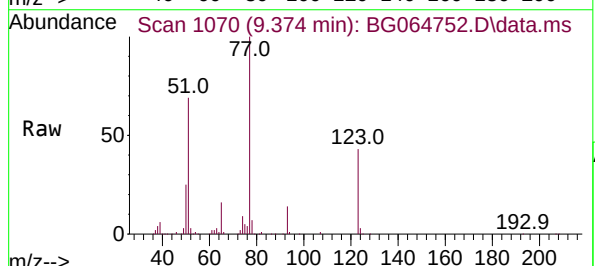
Tgt Ion: 77 Resp: 209778

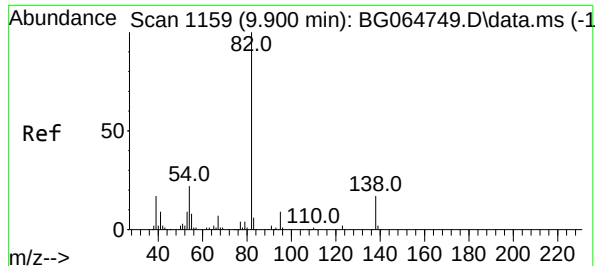
Ion Ratio Lower Upper

77 100

123 43.1 36.5 54.7

65 16.2 13.5 20.3





#25

Isophorone

Concen: 81.460 ng

RT: 9.903 min Scan# 1159

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 380468

Ion Ratio Lower Upper

82 100

95 8.6 6.9 10.3

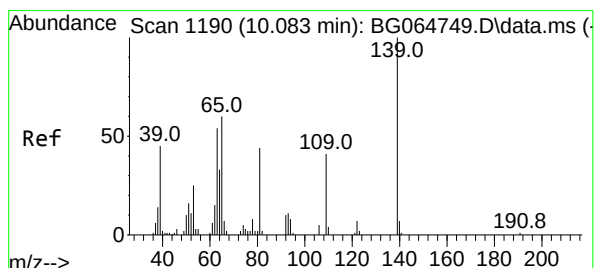
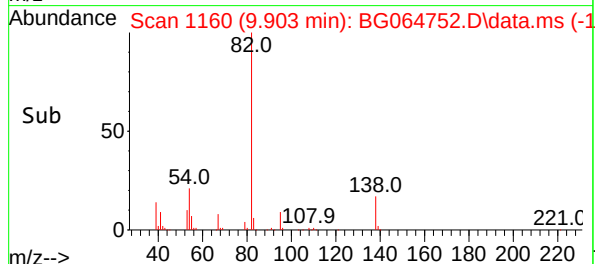
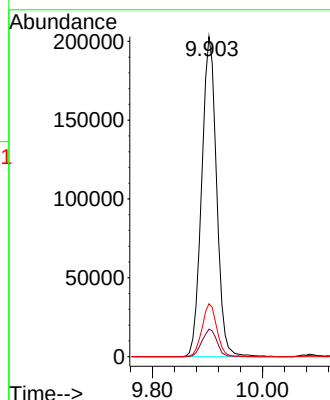
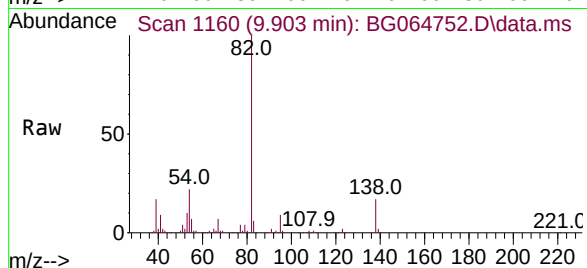
138 16.5 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#26

2-Nitrophenol

Concen: 89.526 ng

RT: 10.085 min Scan# 1191

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

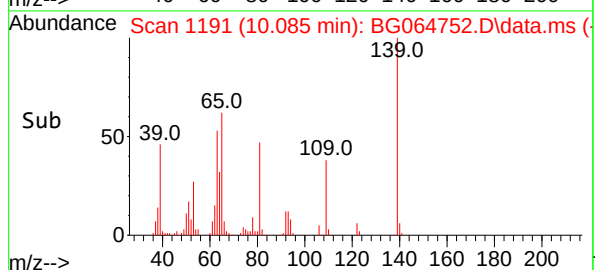
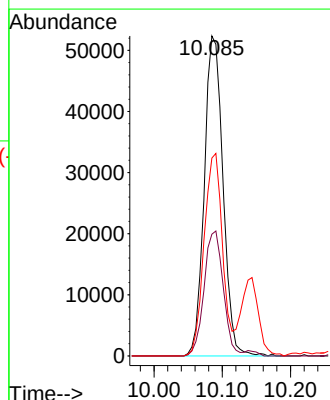
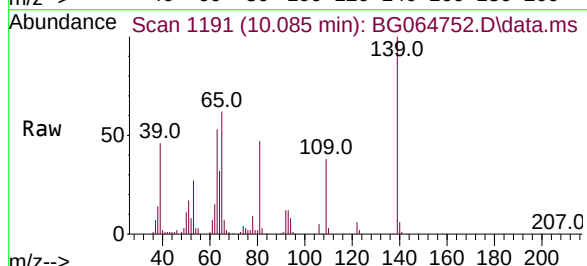
Tgt Ion:139 Resp: 99793

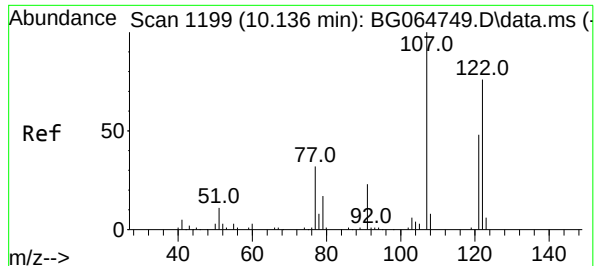
Ion Ratio Lower Upper

139 100

109 38.0 32.5 48.7

65 61.8 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 82.812 ng

RT: 10.144 min Scan# 1199

Delta R.T. 0.008 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

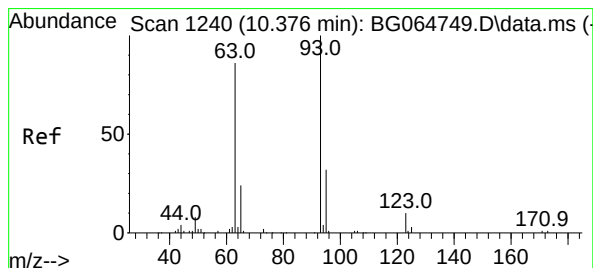
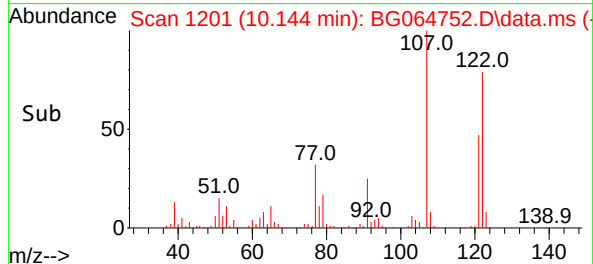
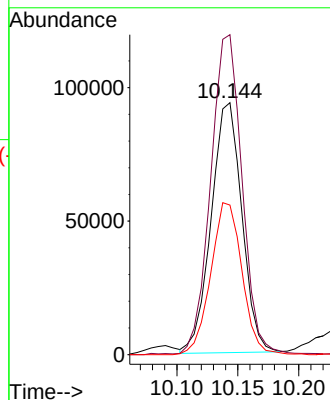
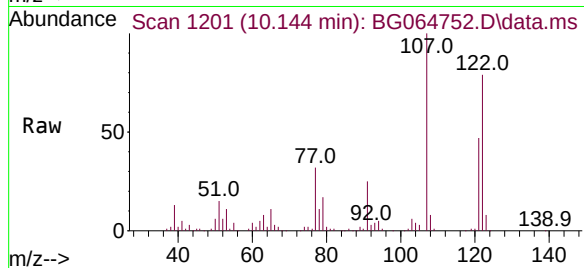
ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 163992
Ion Ratio Lower Upper
122 100
107 127.1 102.5 153.7
121 59.4 49.0 73.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28

bis(2-Chloroethoxy)methane

Concen: 82.303 ng

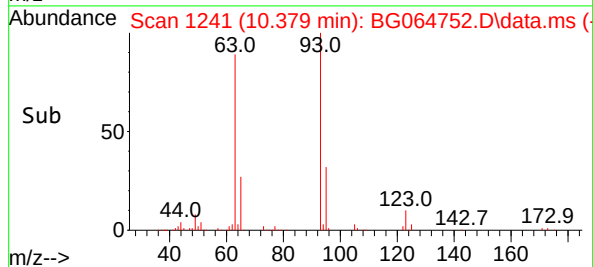
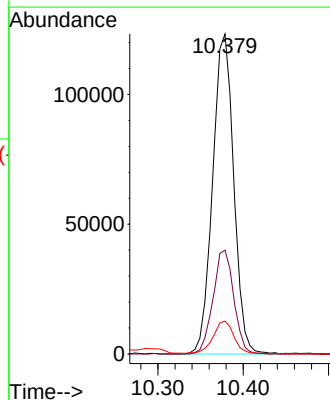
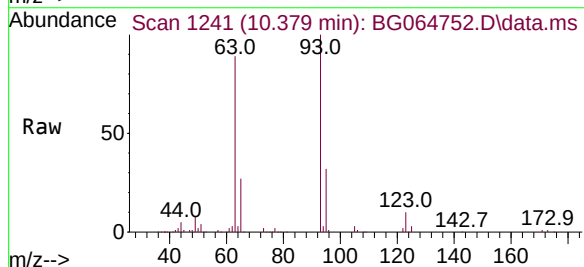
RT: 10.379 min Scan# 1241

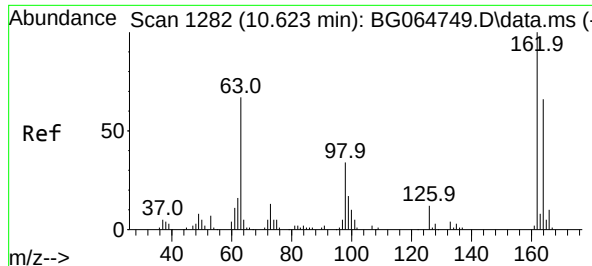
Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Tgt Ion: 93 Resp: 211036
Ion Ratio Lower Upper
93 100
95 32.4 25.4 38.2
123 10.2 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 85.199 ng

RT: 10.625 min Scan# 1282

Delta R.T. 0.002 min

Lab File: BG064752.D

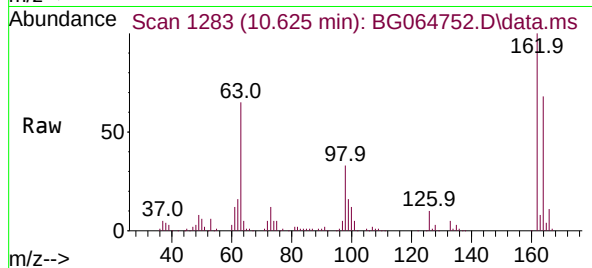
Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:162 Resp: 181140

Ion Ratio Lower Upper

162 100

164 68.3 46.0 86.0

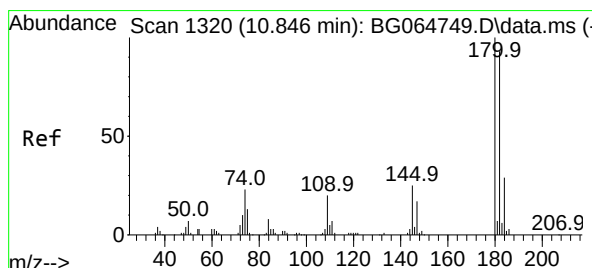
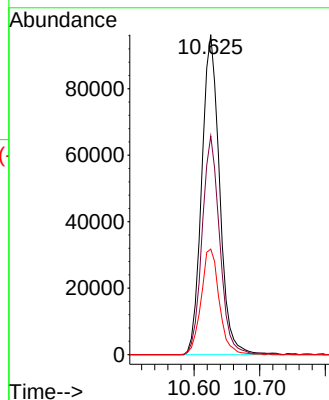
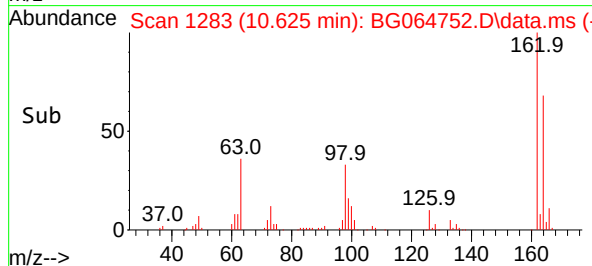
98 33.0 14.2 54.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

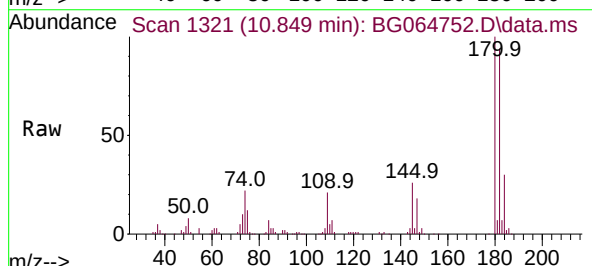
Concen: 82.282 ng

RT: 10.849 min Scan# 1321

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04



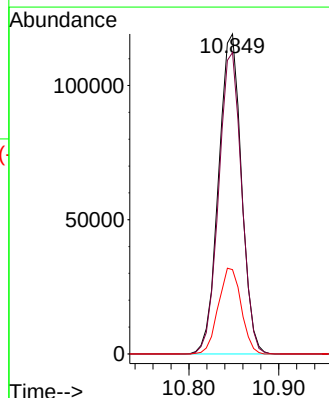
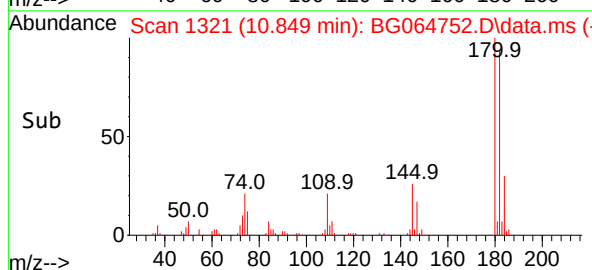
Tgt Ion:180 Resp: 211243

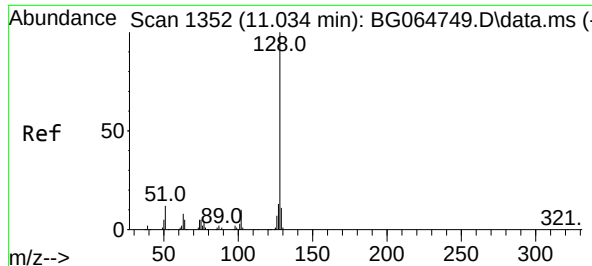
Ion Ratio Lower Upper

180 100

182 94.2 74.2 111.4

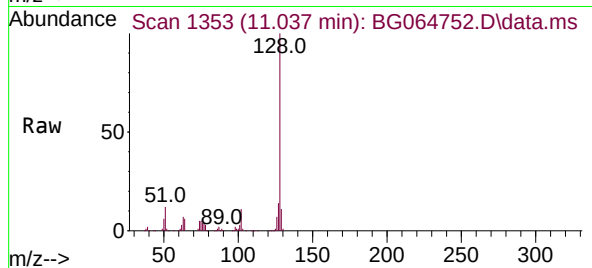
145 26.3 20.0 30.0





#31
Naphthalene
Concen: 80.791 ng
RT: 11.037 min Scan# 1352
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

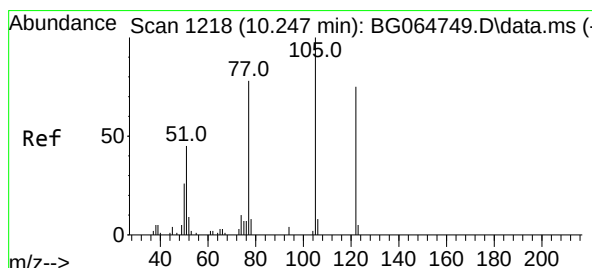
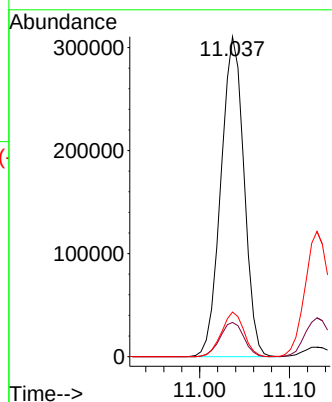
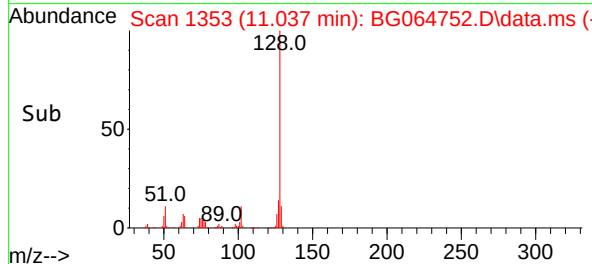
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 555384
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 14.0 10.6 16.0

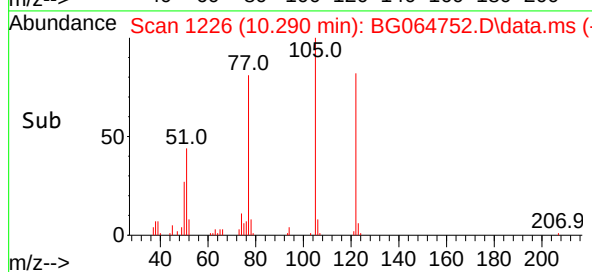
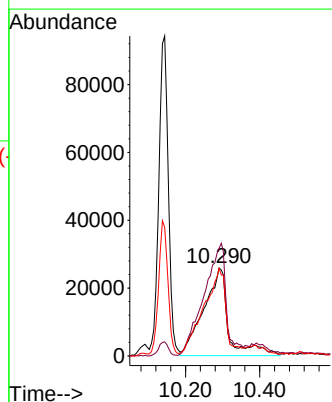
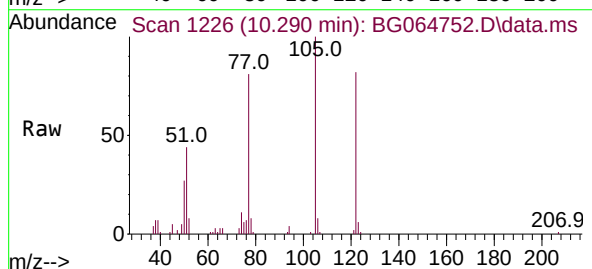
Manual Integrations
APPROVED

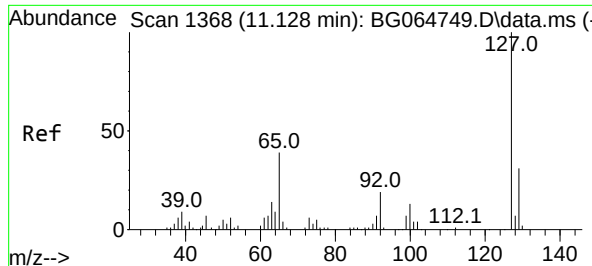
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 81.210 ng m
RT: 10.290 min Scan# 1226
Delta R.T. 0.043 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

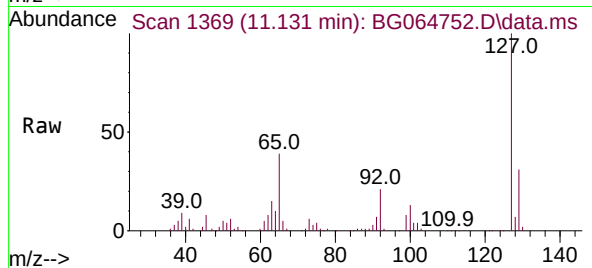
Tgt Ion:122 Resp: 120088
Ion Ratio Lower Upper
122 100
105 122.6 107.6 147.6
77 99.8 82.5 122.5





#33
4-Chloroaniline
Concen: 84.507 ng
RT: 11.131 min Scan# 1369
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

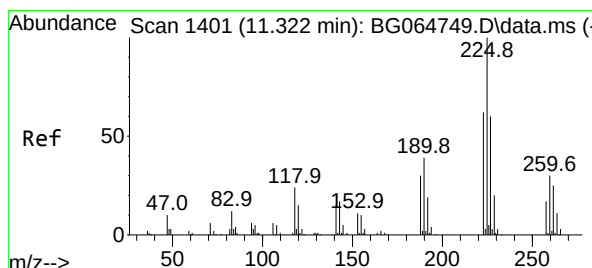
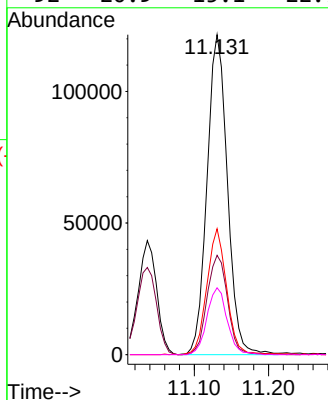
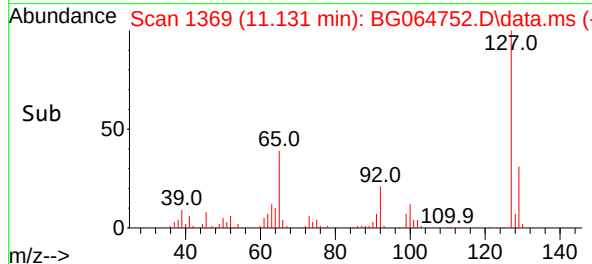
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



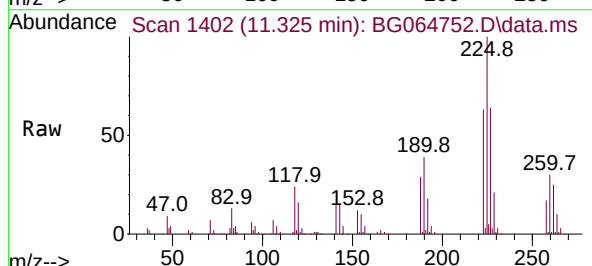
Tgt Ion:127 Resp: 232387
Ion Ratio Lower Upper
127 100
129 31.0 24.9 37.3
65 39.3 30.9 46.3
92 20.9 15.1 22.7

Manual Integrations
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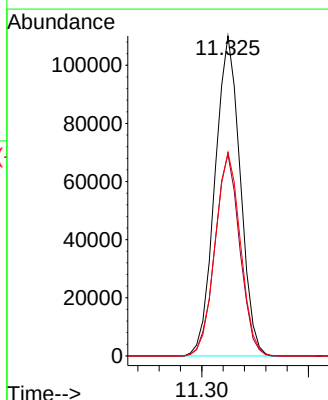
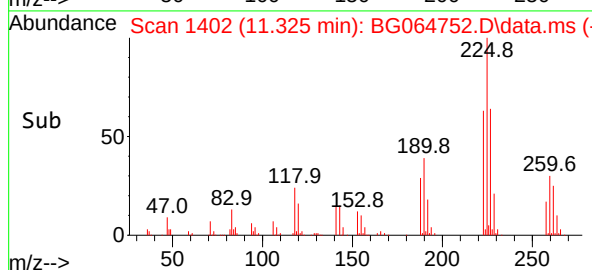
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

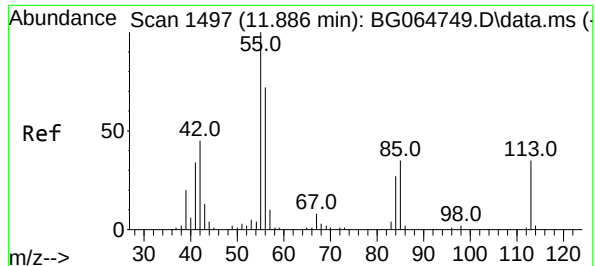


#34
Hexachlorobutadiene
Concen: 82.408 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



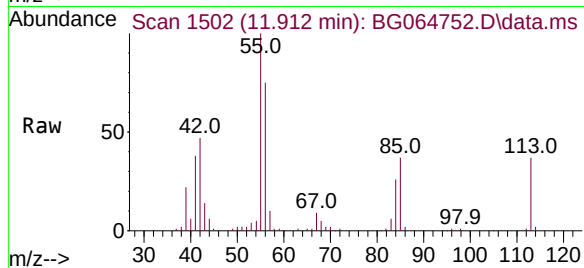
Tgt Ion:225 Resp: 181526
Ion Ratio Lower Upper
225 100
223 60.0 49.9 74.9
227 63.6 50.6 75.8





#35
Caprolactam
Concen: 84.873 ng m
RT: 11.912 min Scan# 11
Delta R.T. 0.026 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

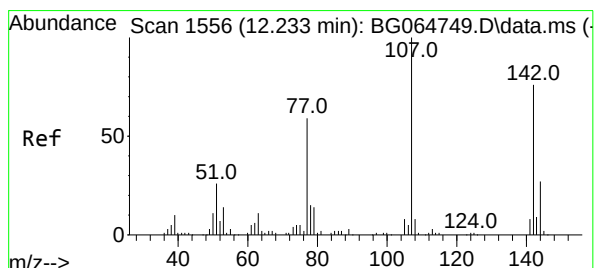
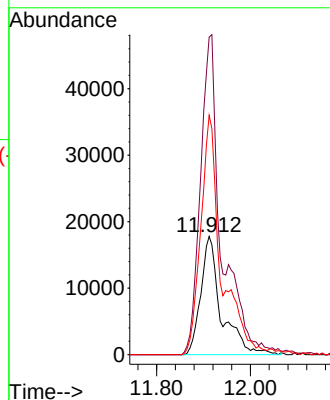
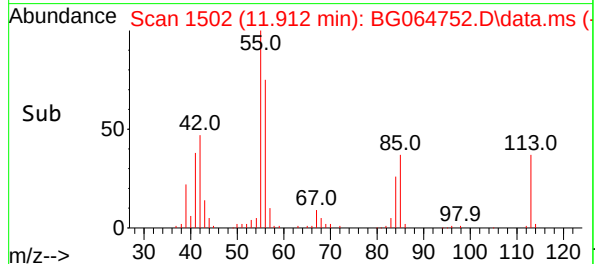
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



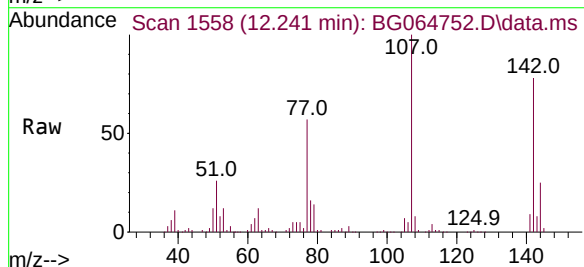
Tgt Ion:113 Resp: 53925
Ion Ratio Lower Upper
113 100
55 268.8 263.7 303.7
56 202.5 184.0 224.0

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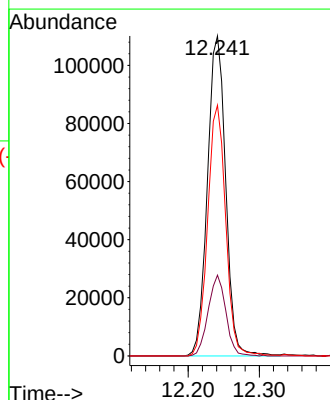
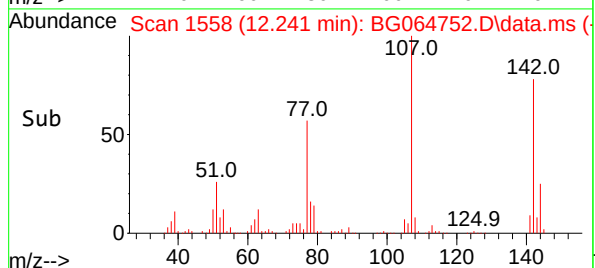
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

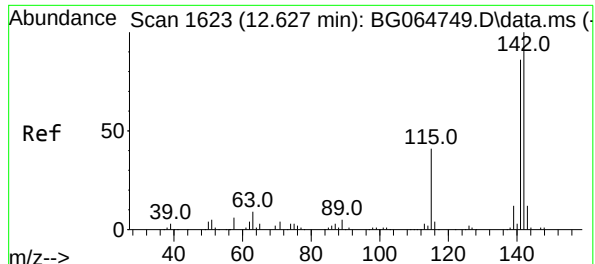


#36
4-Chloro-3-methylphenol
Concen: 82.752 ng
RT: 12.241 min Scan# 1558
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



Tgt Ion:107 Resp: 195826
Ion Ratio Lower Upper
107 100
144 25.2 21.7 32.5
142 78.3 60.8 91.2





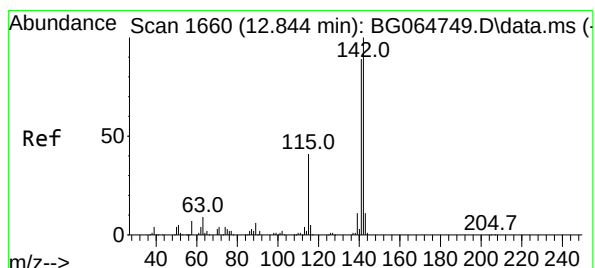
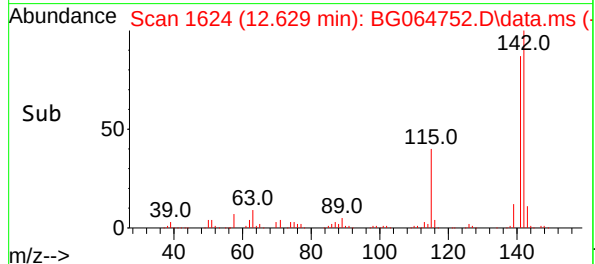
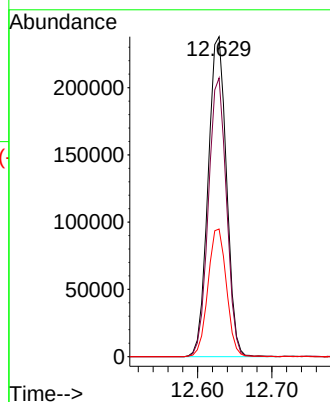
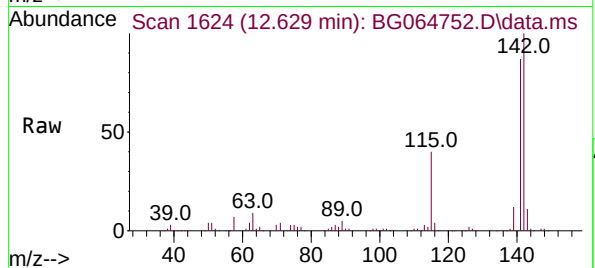
#37
2-Methylnaphthalene
Concen: 79.790 ng
RT: 12.629 min Scan# 1623
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 410461
Ion Ratio Lower Upper
142 100
141 87.1 69.1 103.7
115 39.9 32.9 49.3

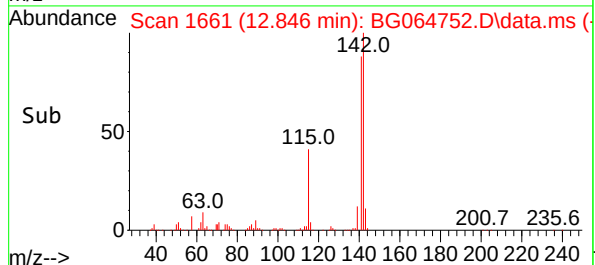
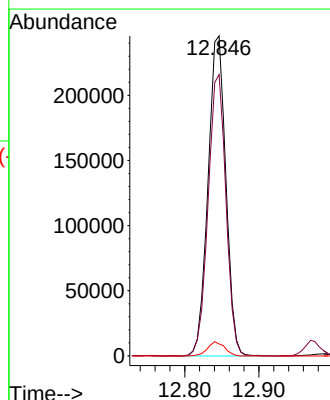
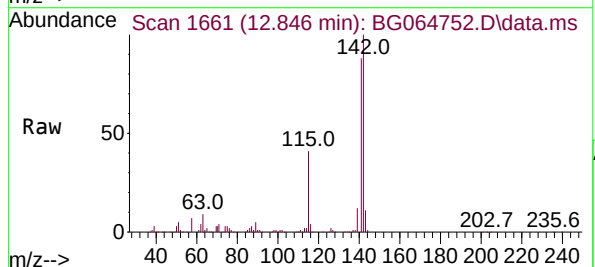
Manual Integrations
APPROVED

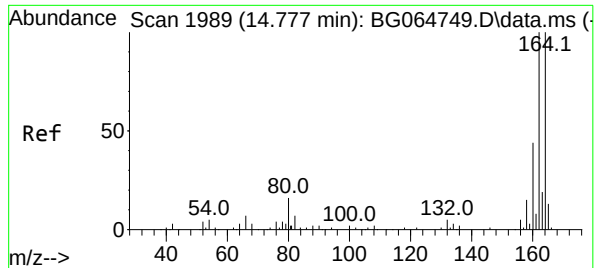
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 80.251 ng
RT: 12.846 min Scan# 1661
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:142 Resp: 410081
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2
116 3.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.779 min Scan# 1989

Delta R.T. 0.002 min

Lab File: BG064752.D

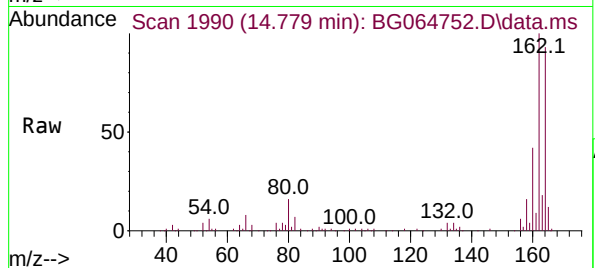
Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:164 Resp: 96505

Ion Ratio Lower Upper

164 100

162 107.8 79.8 119.6

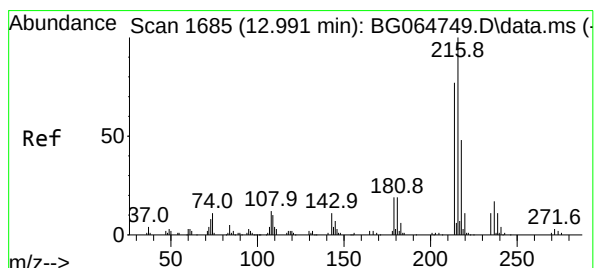
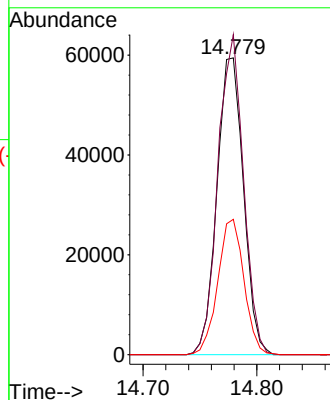
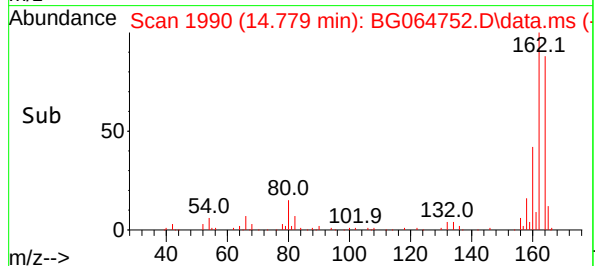
160 45.6 34.9 52.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

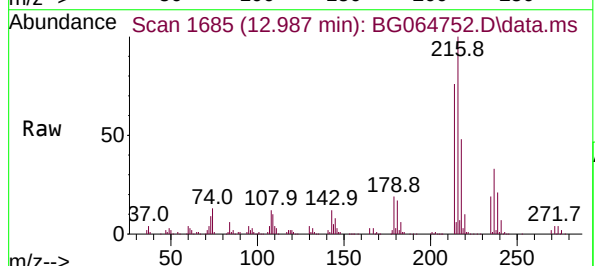
Concen: 82.792 ng

RT: 12.987 min Scan# 1685

Delta R.T. -0.004 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04



Tgt Ion:216 Resp: 310941

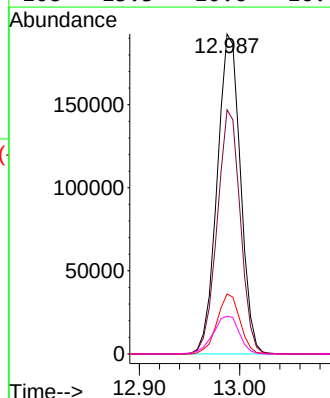
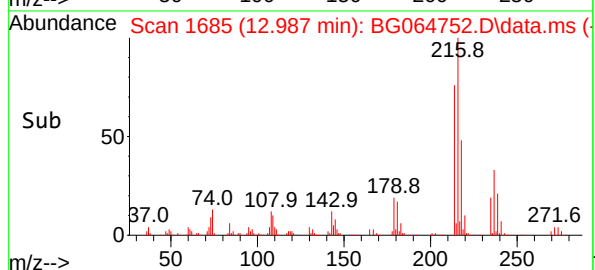
Ion Ratio Lower Upper

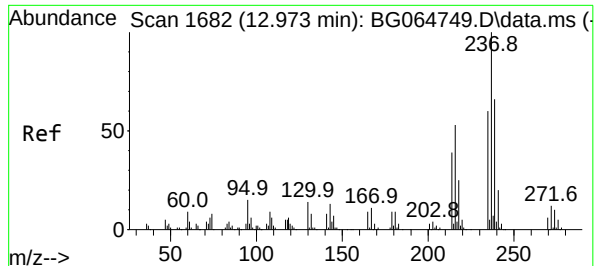
216 100

214 75.7 60.5 90.7

179 18.4 14.7 22.1

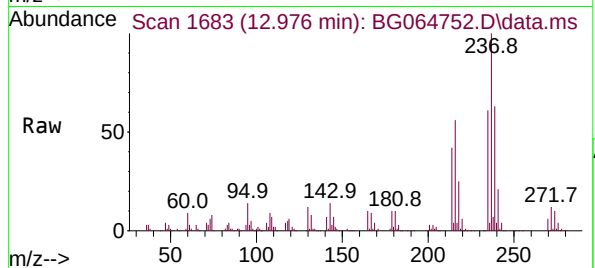
108 13.3 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 87.822 ng
RT: 12.976 min Scan# 1682
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

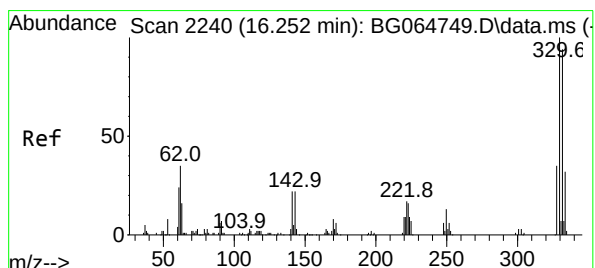
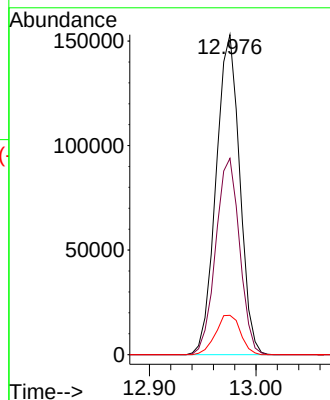
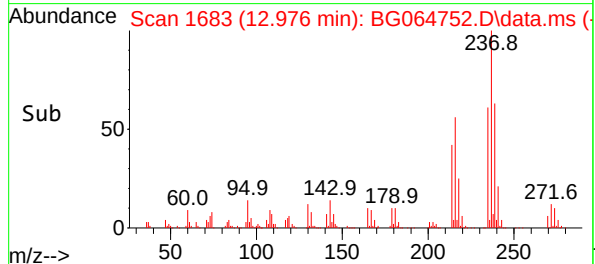
Instrument :
BNA_G
Client Sample Id :
SSTDICC080



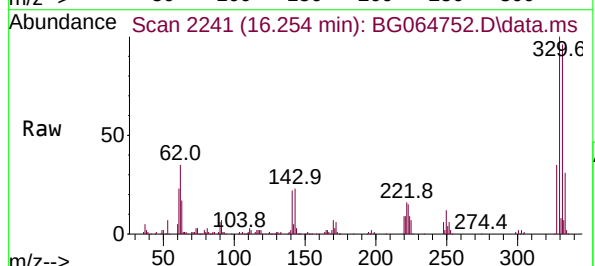
Tgt Ion: 237 Resp: 236416
Ion Ratio Lower Upper
237 100
235 61.3 40.2 80.2
272 12.3 0.0 31.9

Manual Integrations
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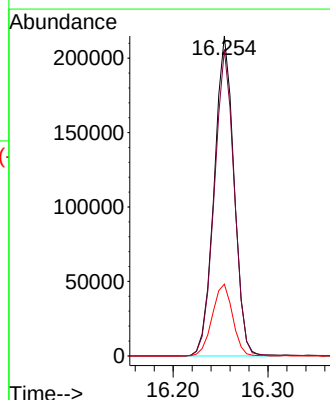
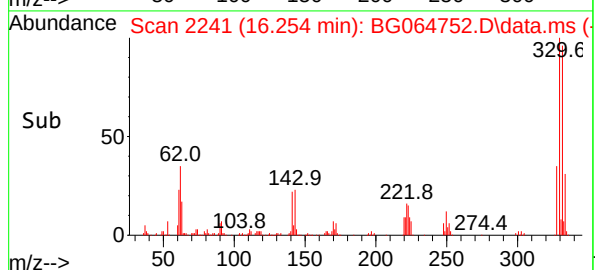
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025

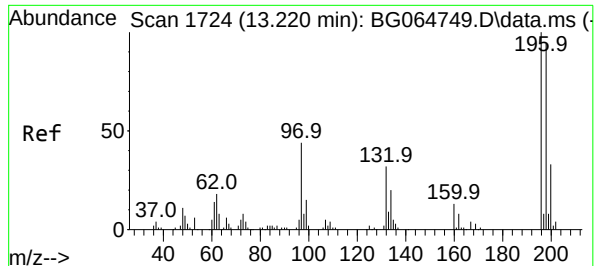


#42
2,4,6-Tribromophenol
Concen: 165.530 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



Tgt Ion: 330 Resp: 311552
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 23.0 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 85.368 ng

RT: 13.222 min Scan# 1724

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:196 Resp: 188174

Ion Ratio Lower Upper

196 100

198 95.2 75.3 112.9

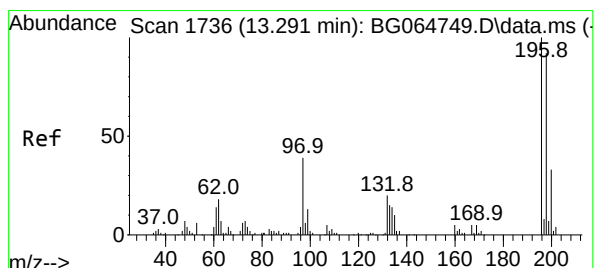
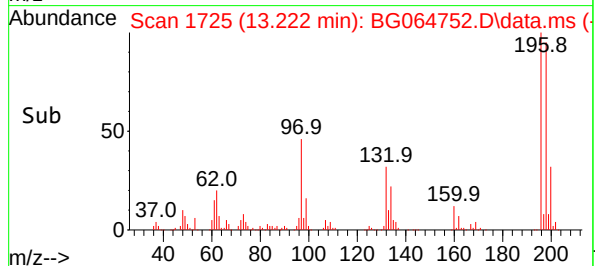
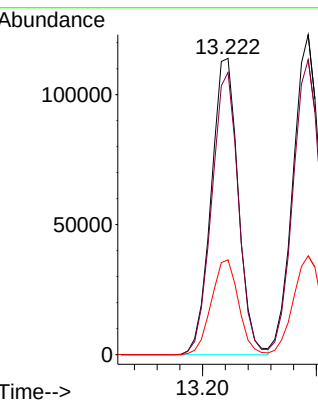
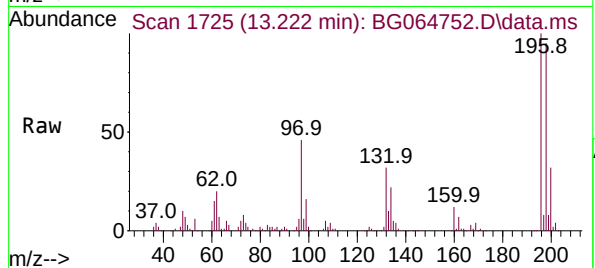
200 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 84.775 ng

RT: 13.293 min Scan# 1737

Delta R.T. 0.002 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Tgt Ion:196 Resp: 209584

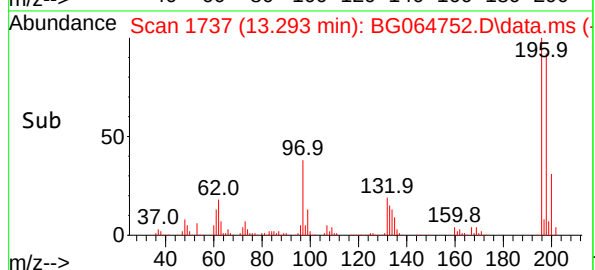
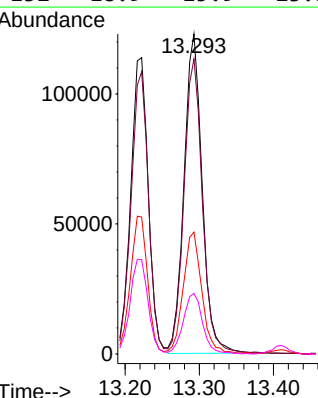
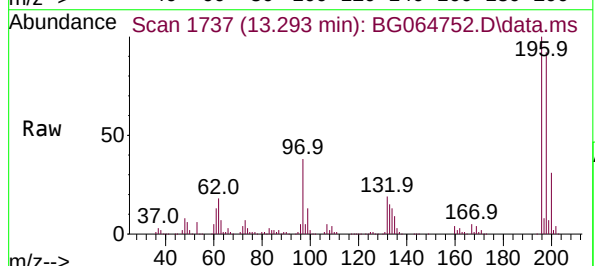
Ion Ratio Lower Upper

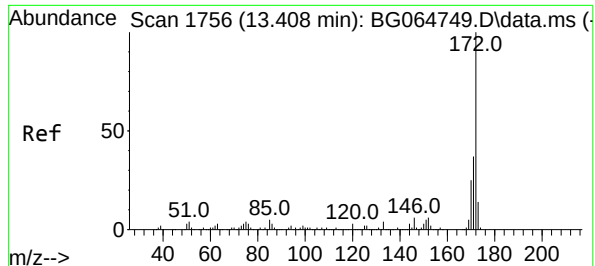
196 100

198 92.2 73.2 109.8

97 38.1 31.4 47.0

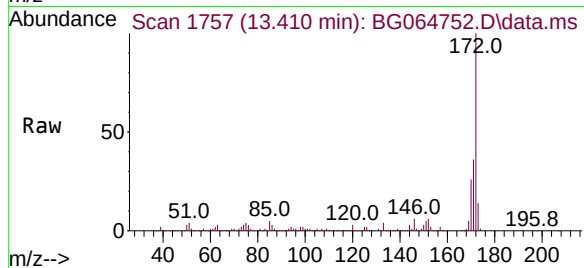
132 18.9 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 158.776 ng
RT: 13.410 min Scan# 1756
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

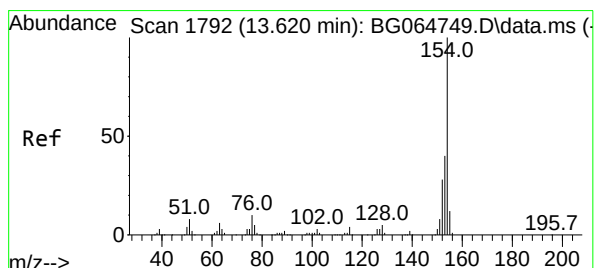
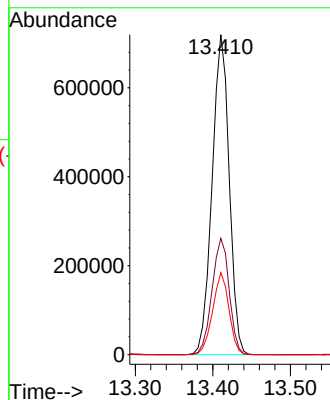
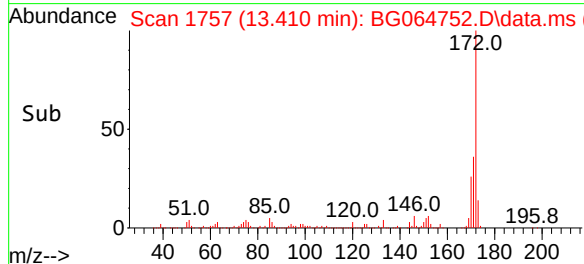
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



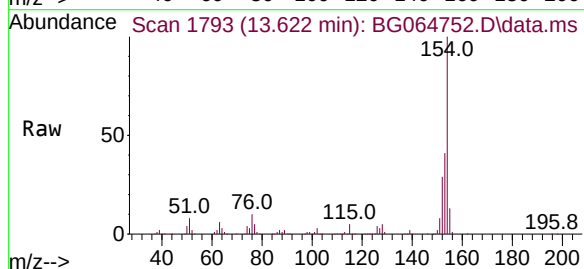
Tgt Ion:172 Resp: 109813
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 25.6 19.8 29.6

Manual Integrations
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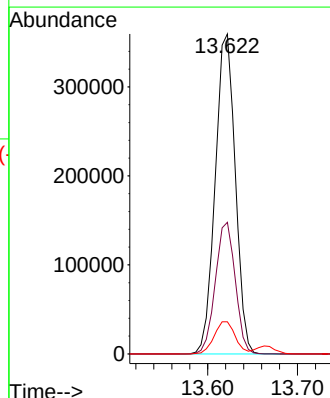
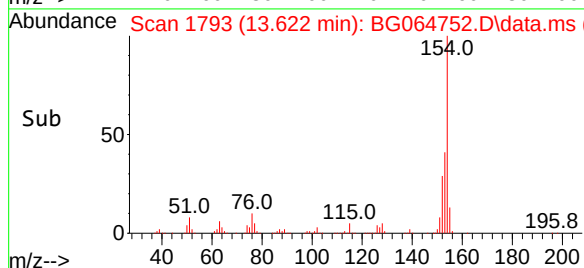
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

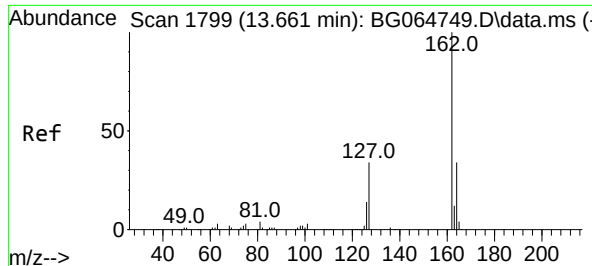


#46
1,1'-Biphenyl
Concen: 80.715 ng
RT: 13.622 min Scan# 1793
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



Tgt Ion:154 Resp: 559459
Ion Ratio Lower Upper
154 100
153 41.1 19.8 59.8
76 10.0 0.0 30.0





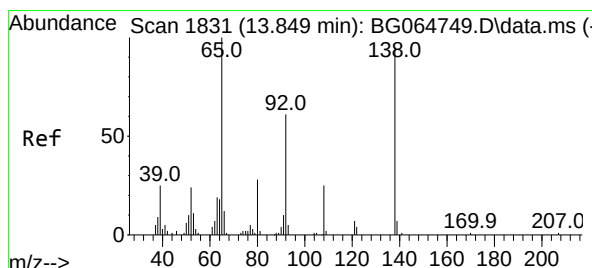
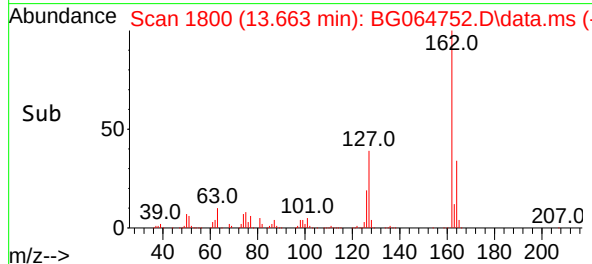
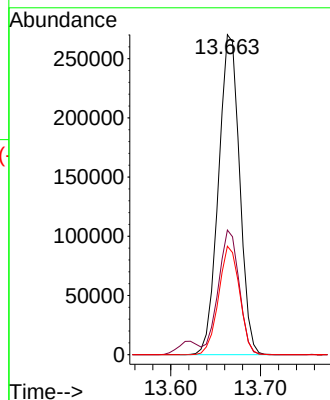
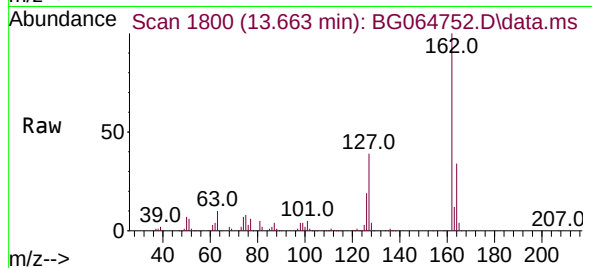
#47
2-Chloronaphthalene
Concen: 81.020 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 44242
Ion Ratio Lower Upper
162 100
127 38.9 30.3 45.5
164 33.9 26.8 40.2

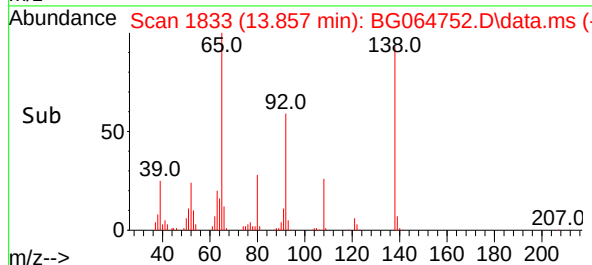
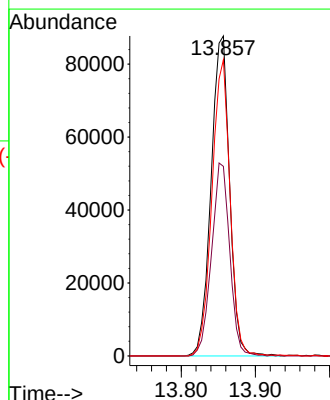
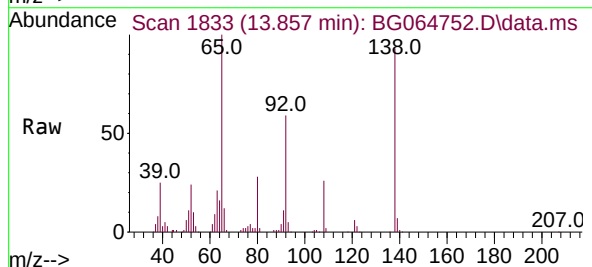
Manual Integrations
APPROVED

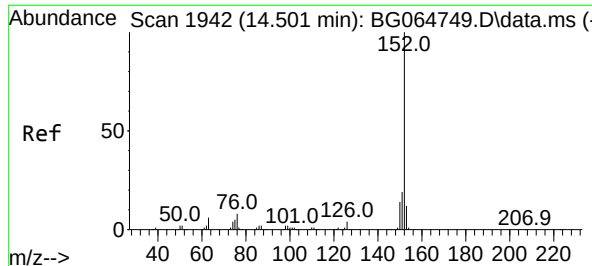
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48
2-Nitroaniline
Concen: 86.588 ng
RT: 13.857 min Scan# 1833
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 65 Resp: 152081
Ion Ratio Lower Upper
65 100
92 59.2 48.6 73.0
138 92.5 76.4 114.6





#49

Acenaphthylene

Concen: 80.362 ng

RT: 14.503 min Scan# 1942

Delta R.T. 0.002 min

Lab File: BG064752.D

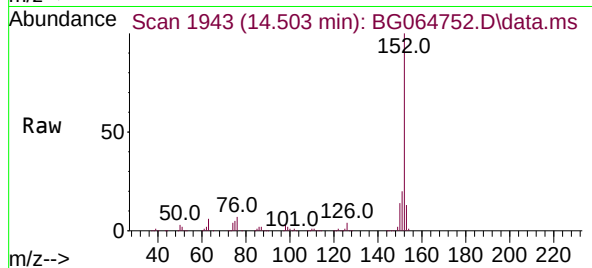
Acq: 12 Nov 2025 16:04

Instrument :

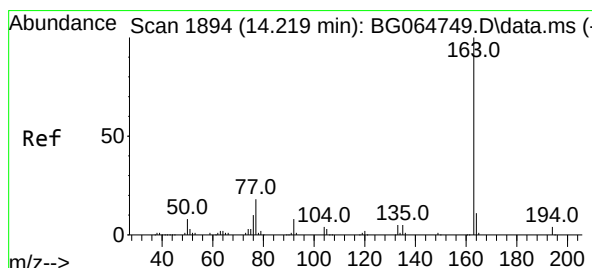
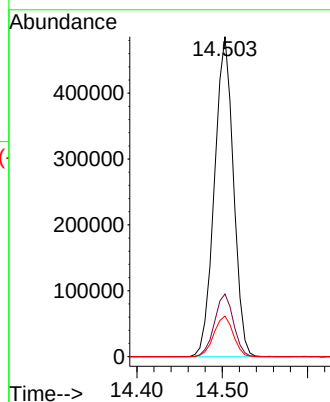
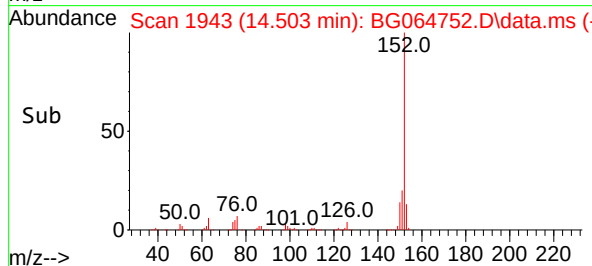
BNA_G

ClientSampleId :

SSTDICC080



Tgt Ion:	152	Resp:	74970
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.0	22.4
153	12.7	9.9	14.9

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#50

Dimethylphthalate

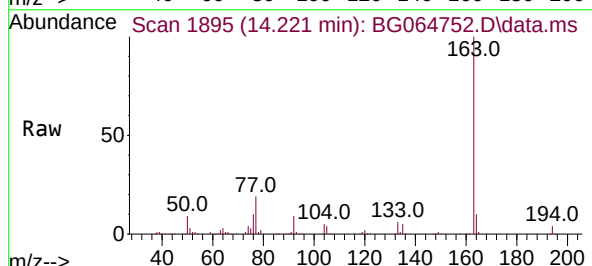
Concen: 80.043 ng

RT: 14.221 min Scan# 1895

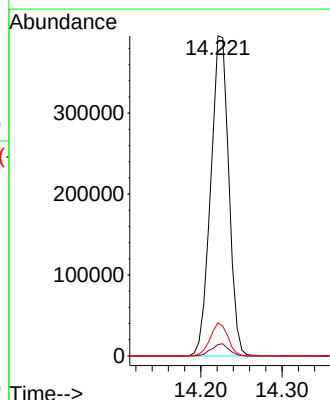
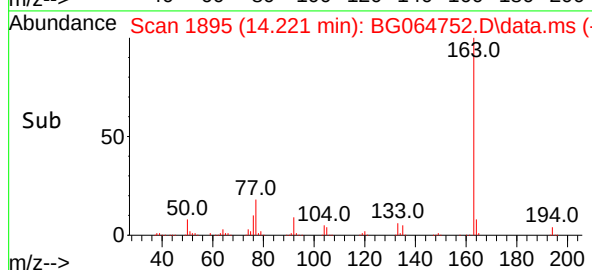
Delta R.T. 0.002 min

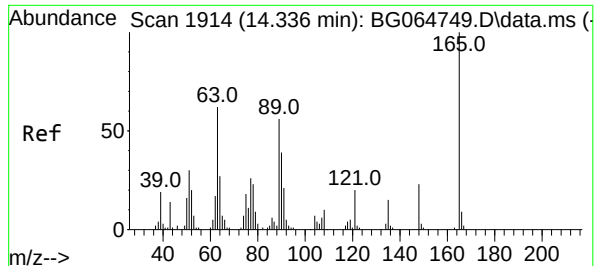
Lab File: BG064752.D

Acq: 12 Nov 2025 16:04



Tgt Ion:	163	Resp:	610187
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	10.3	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 85.533 ng
RT: 14.339 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

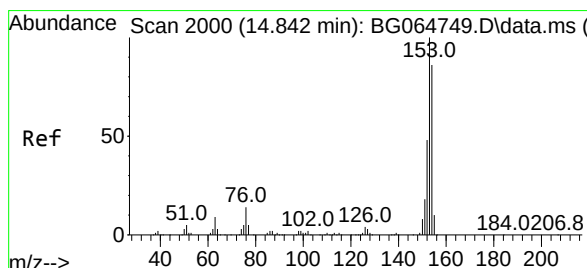
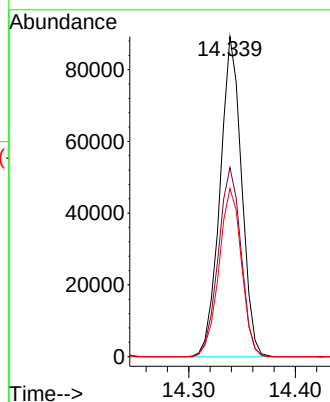
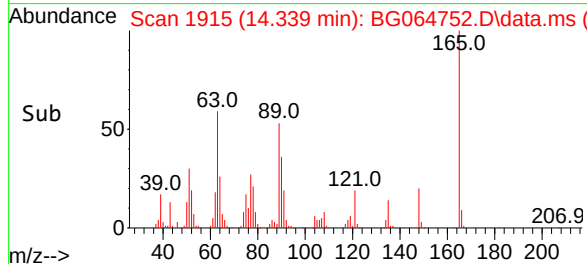
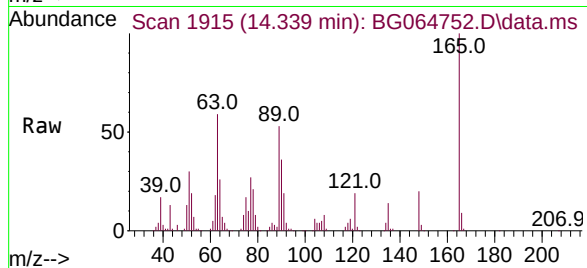
ClientSampleId :

SSTDICC080

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.1	49.8	74.8
89	52.5	45.0	67.4

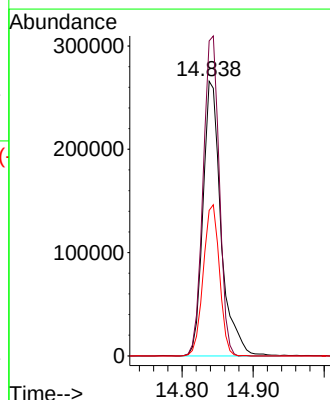
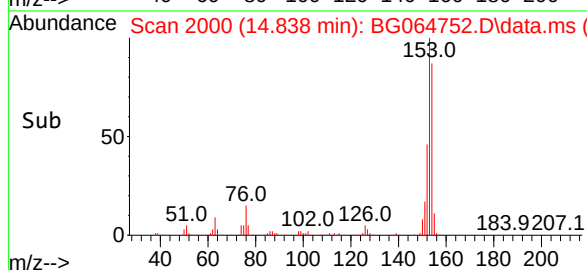
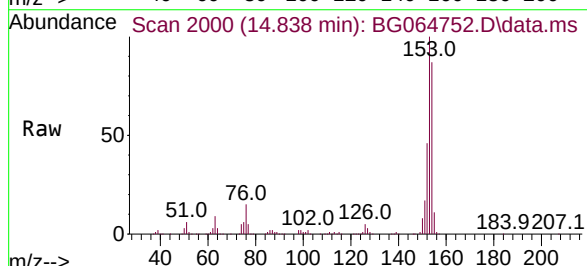
Manual Integrations
APPROVED

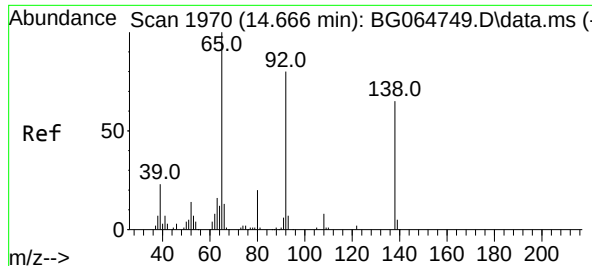
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#52
Acenaphthene
Concen: 83.664 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	93.0	139.4
152	53.0	44.4	66.6





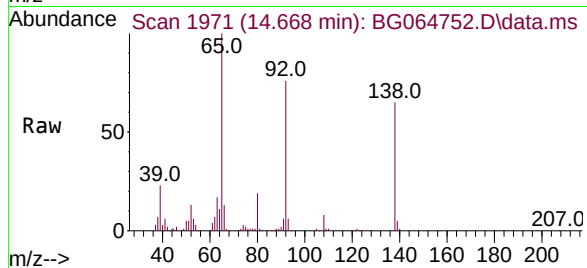
#53
3-Nitroaniline
Concen: 86.095 ng
RT: 14.668 min Scan# 1970
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

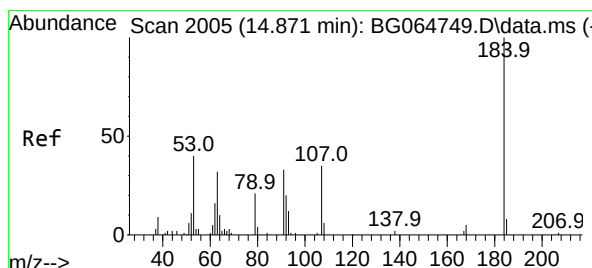
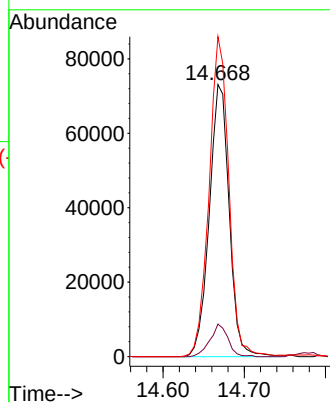
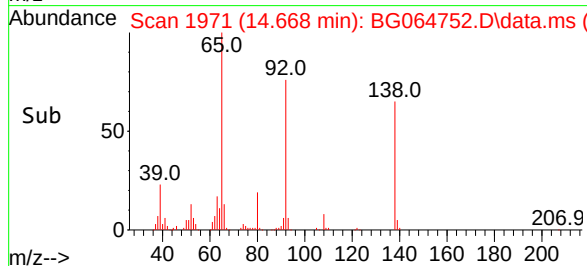
SSTDICC080



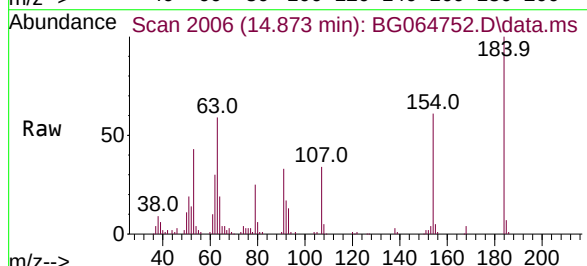
Tgt Ion:138 Resp: 124648
Ion Ratio Lower Upper
138 100
108 12.0 9.5 14.3
92 117.6 99.0 148.4

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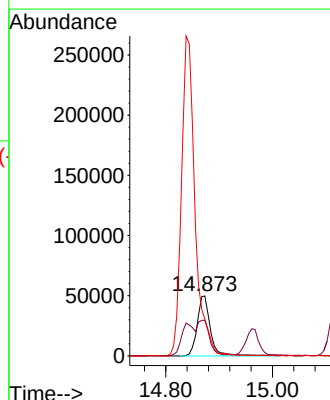
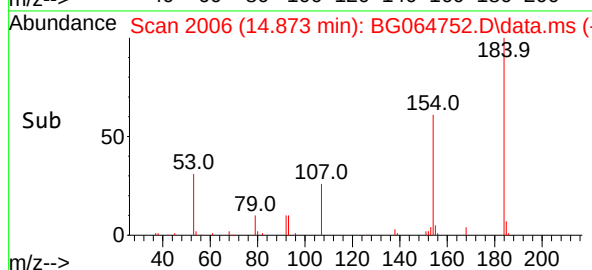
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

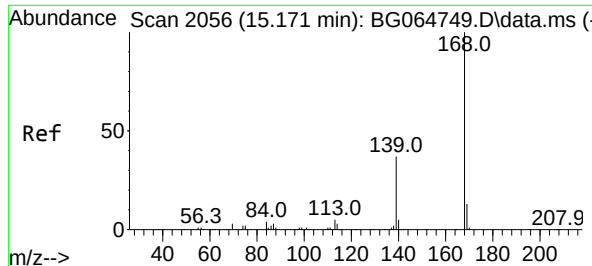


#54
2,4-Dinitrophenol
Concen: 84.450 ng
RT: 14.873 min Scan# 2006
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



Tgt Ion:184 Resp: 85396
Ion Ratio Lower Upper
184 100
63 59.4 45.8 68.6
154 61.3 52.6 78.8





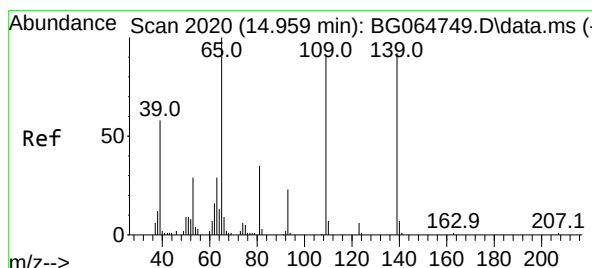
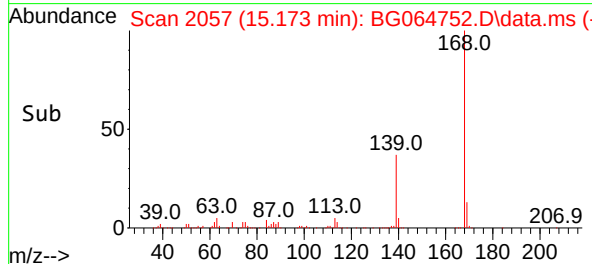
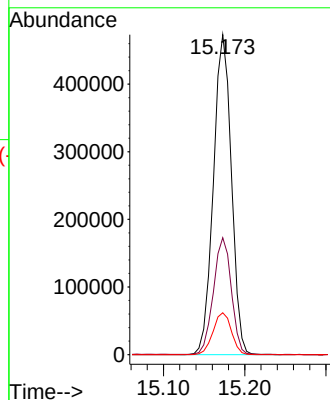
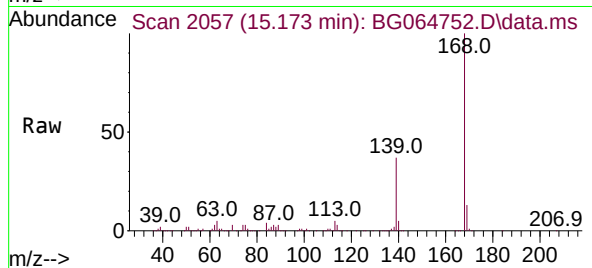
#55
Dibenzenofuran
Concen: 78.683 ng
RT: 15.173 min Scan# 2056
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 727625
Ion Ratio Lower Upper
168 100
139 36.6 29.5 44.3
169 13.1 10.4 15.6

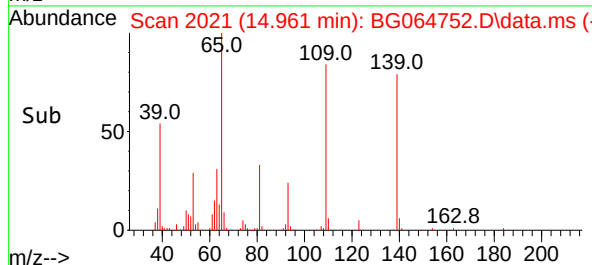
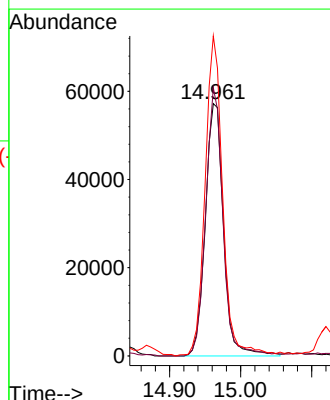
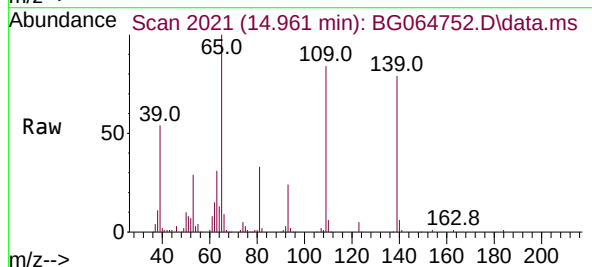
Manual Integrations
APPROVED

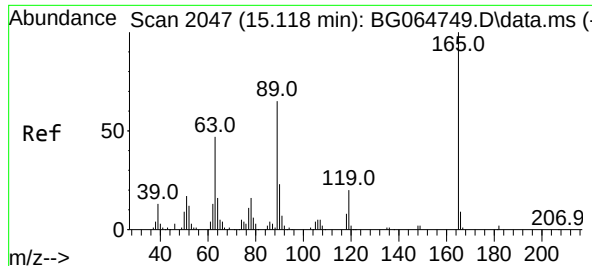
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 88.727 ng
RT: 14.961 min Scan# 2021
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:139 Resp: 101920
Ion Ratio Lower Upper
139 100
109 106.3 79.7 119.7
65 126.9 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 85.865 ng
RT: 15.120 min Scan# 2048
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

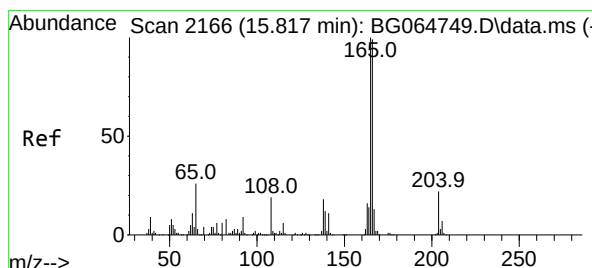
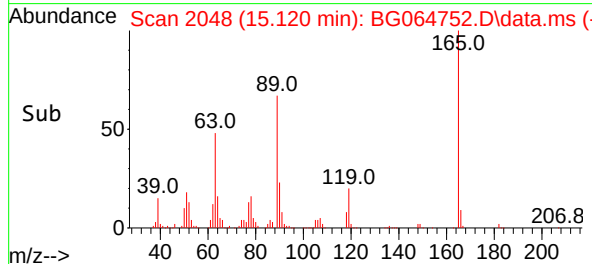
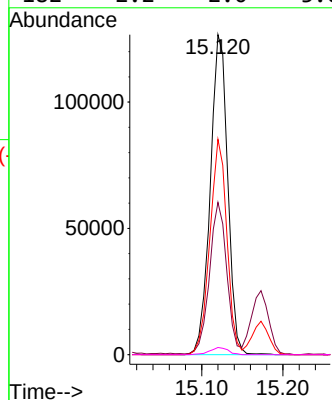
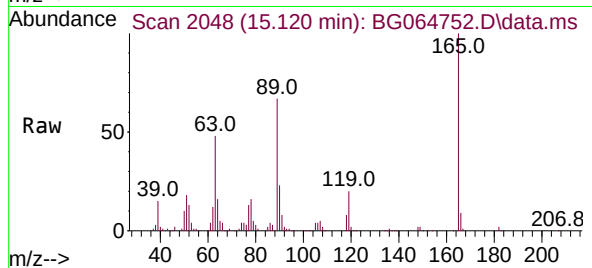
ClientSampleId :

SSTDICC080

Tgt Ion:	165	Resp:	188833
Ion Ratio	Lower	Upper	
165	100		
63	47.6	37.8	56.6
89	67.3	51.6	77.4
182	2.2	2.0	3.0

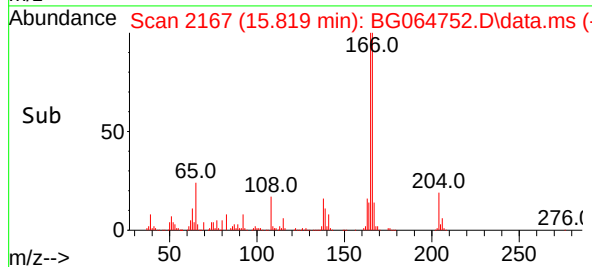
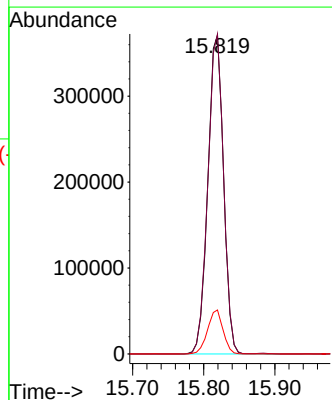
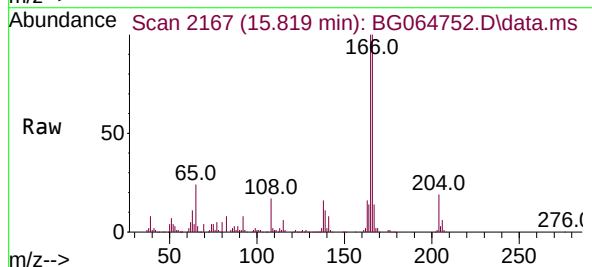
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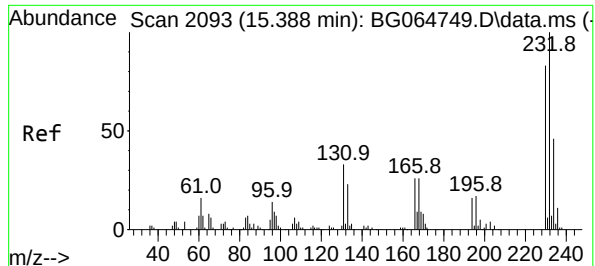
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#58
Fluorene
Concen: 78.187 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

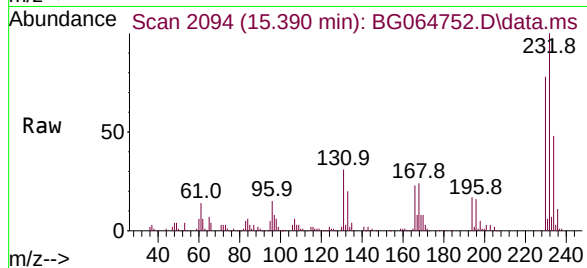
Tgt Ion:	166	Resp:	567083
Ion Ratio	Lower	Upper	
166	100		
165	100.4	80.5	120.7
167	13.8	10.3	15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 85.265 ng
RT: 15.390 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

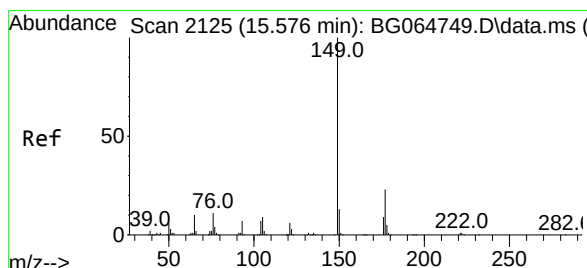
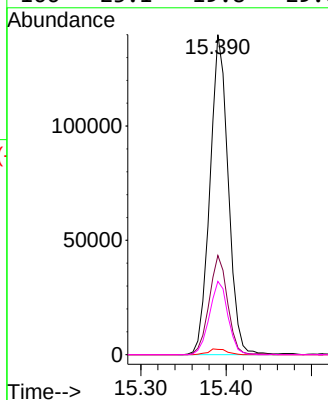
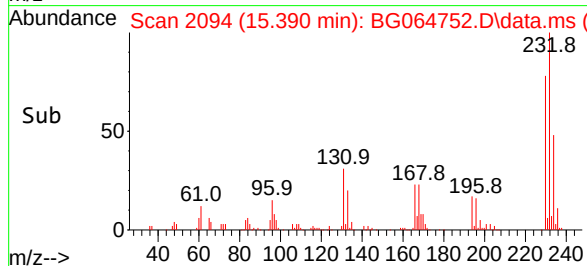
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



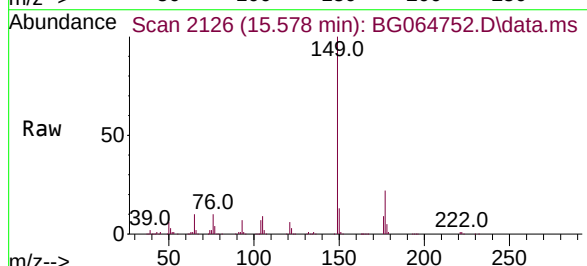
Tgt Ion:232 Resp: 207981
Ion Ratio Lower Upper
232 100
131 31.1 26.0 39.0
130 1.8 1.6 2.4
166 23.1 19.8 29.6

Manual Integrations
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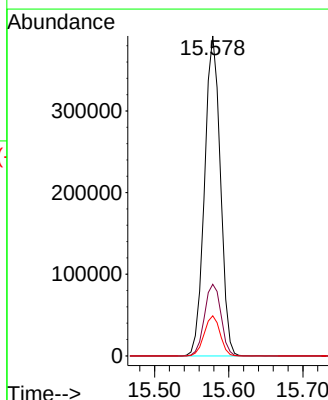
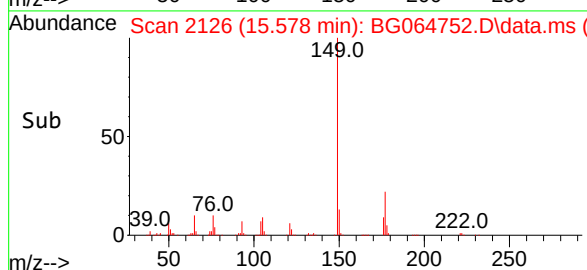
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

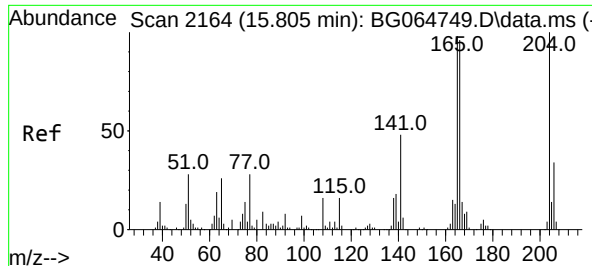


#60
Diethylphthalate
Concen: 79.342 ng
RT: 15.578 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



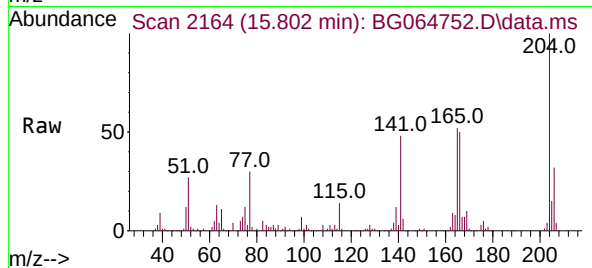
Tgt Ion:149 Resp: 579413
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 79.684 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

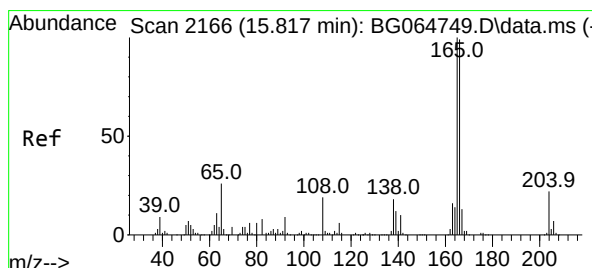
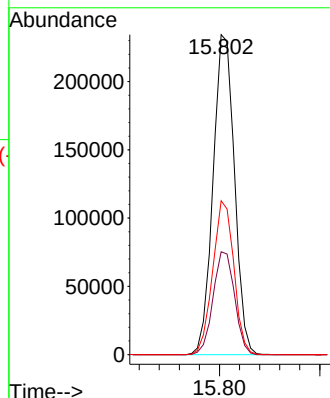
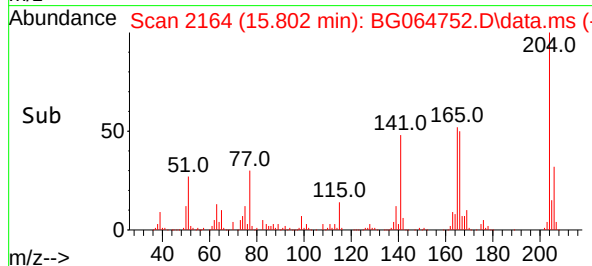
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



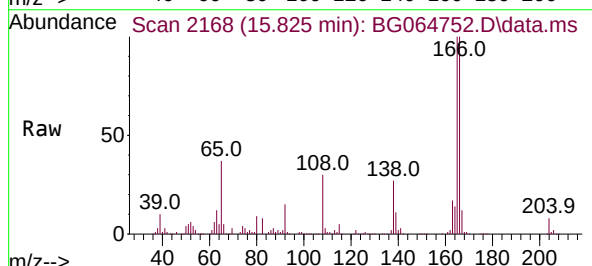
Tgt Ion:204 Resp: 346839
Ion Ratio Lower Upper
204 100
206 32.1 26.9 40.3
141 48.1 38.1 57.1

Manual Integrations
APPROVED

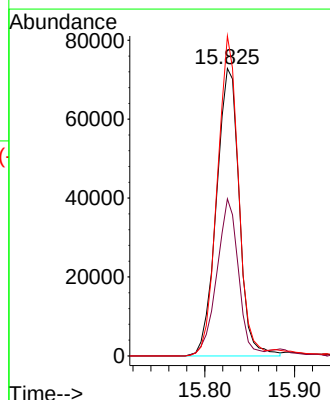
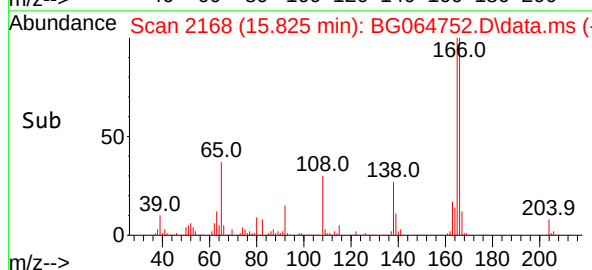
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

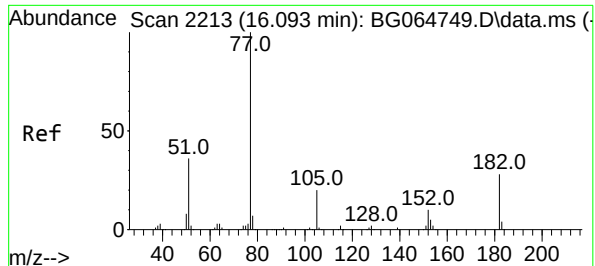


#62
4-Nitroaniline
Concen: 86.012 ng
RT: 15.825 min Scan# 2168
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



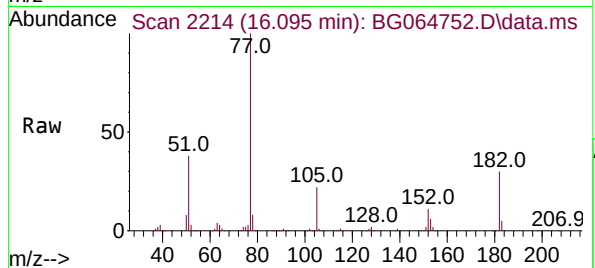
Tgt Ion:138 Resp: 129007
Ion Ratio Lower Upper
138 100
92 54.6 30.7 70.7
108 111.3 85.7 125.7





#63
Azobenzene
Concen: 77.985 ng
RT: 16.095 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

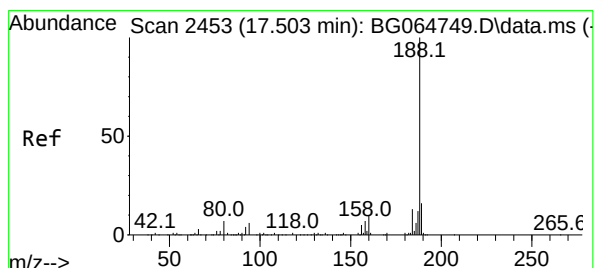
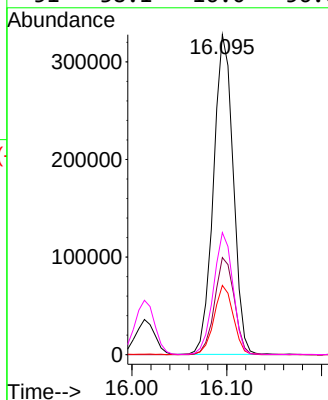
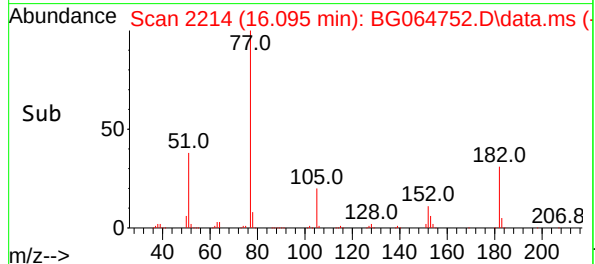
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



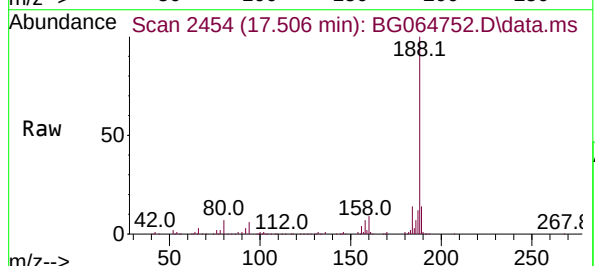
Tgt Ion: 77 Resp: 473692
Ion Ratio Lower Upper
77 100
182 30.3 8.1 48.1
105 21.6 0.1 40.1
51 38.1 16.0 56.0

Manual Integrations
APPROVED

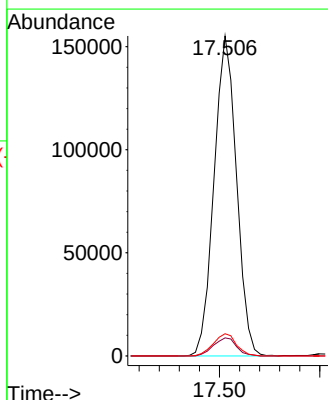
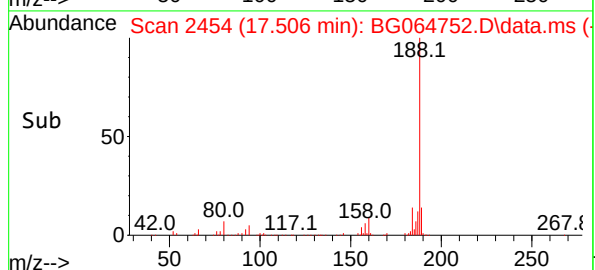
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

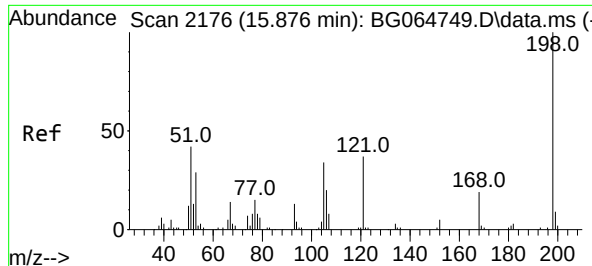


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



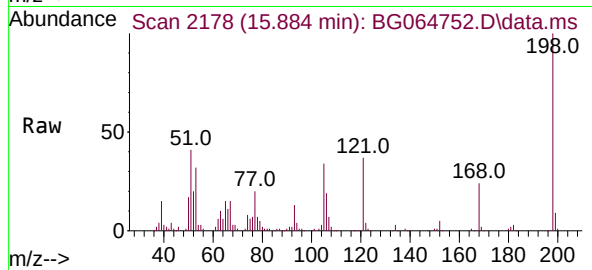
Tgt Ion:188 Resp: 241350
Ion Ratio Lower Upper
188 100
94 5.6 4.7 7.1
80 6.9 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 94.071 ng
RT: 15.884 min Scan# 2176
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

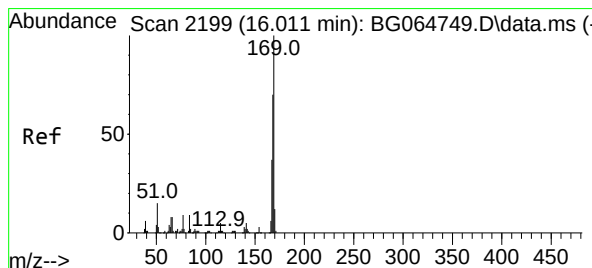
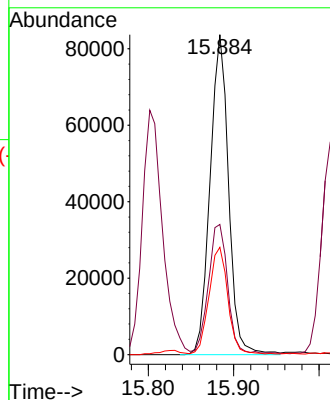
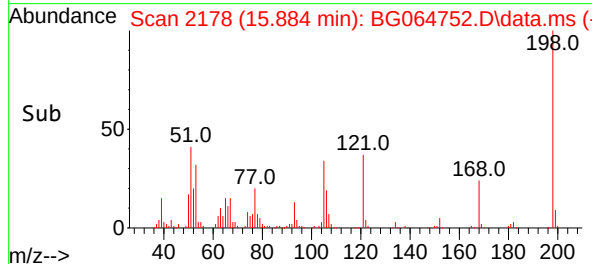
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:198 Resp: 126058
Ion Ratio Lower Upper
198 100
51 40.7 25.2 65.2
105 33.5 14.2 54.2

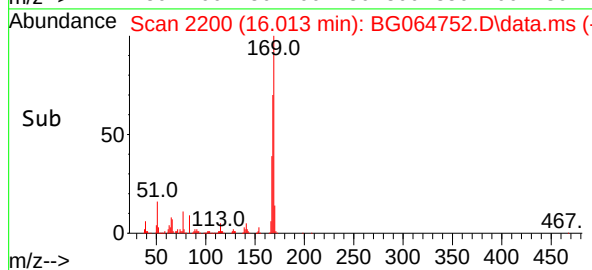
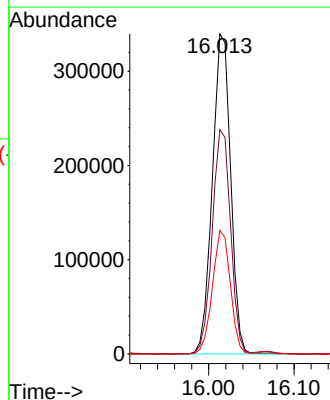
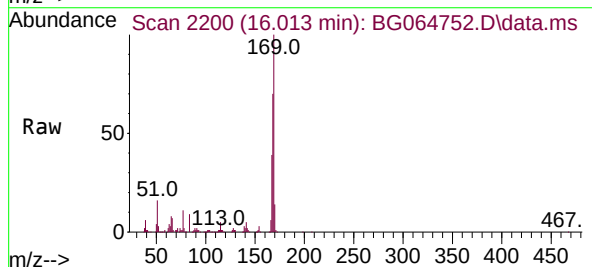
Manual Integrations
APPROVED

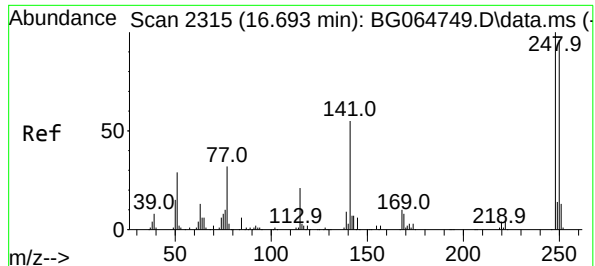
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 80.031 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:169 Resp: 505935
Ion Ratio Lower Upper
169 100
168 70.1 55.9 83.9
167 38.6 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 81.469 ng
RT: 16.695 min Scan# 2315
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

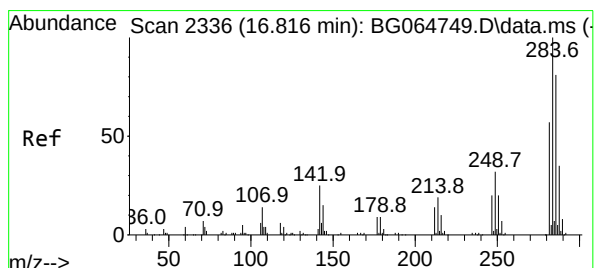
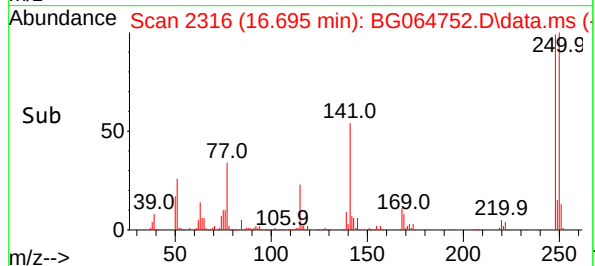
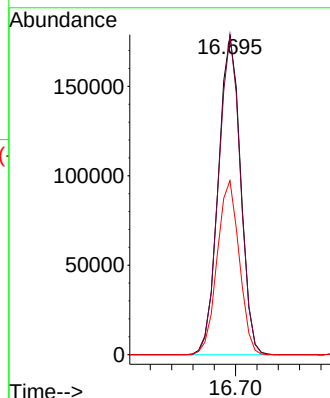
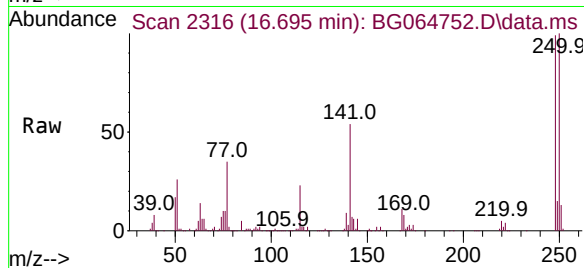
SSTDICC080

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.5	77.0	115.6
141	54.6	43.7	65.5

Manual Integrations

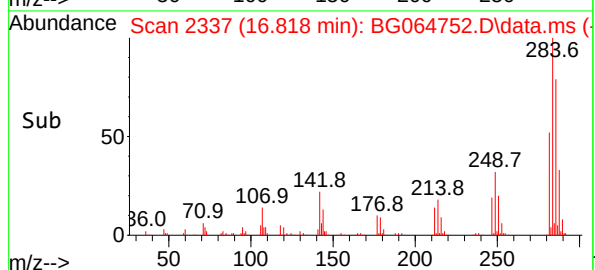
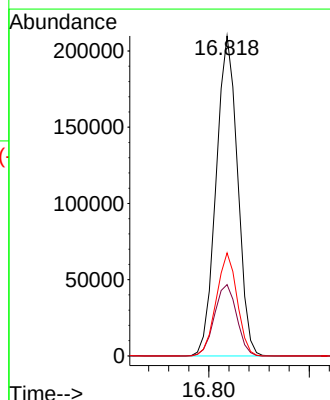
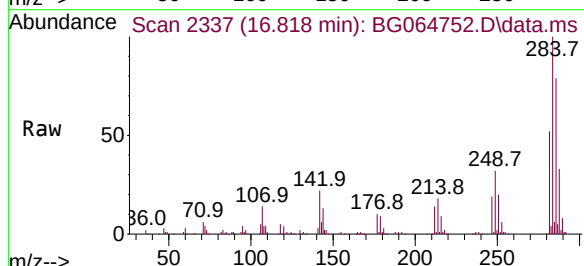
APPROVED

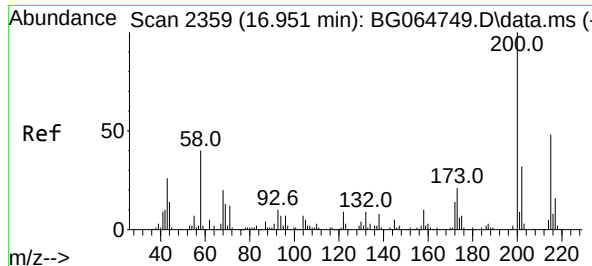
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#68
Hexachlorobenzene
Concen: 81.224 ng
RT: 16.818 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

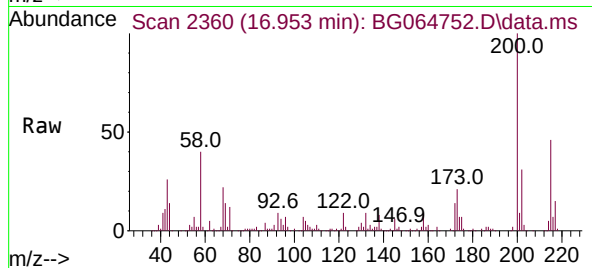
Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.3	19.7	29.5
249	32.2	28.1	42.1





#69
Atrazine
Concen: 80.938 ng
RT: 16.953 min Scan# 2359
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

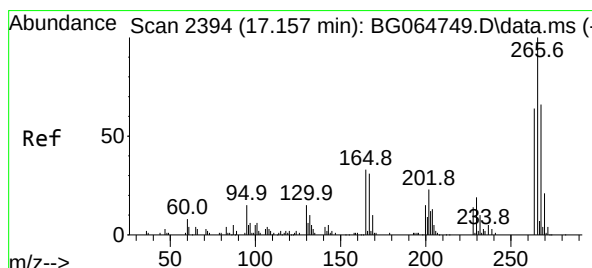
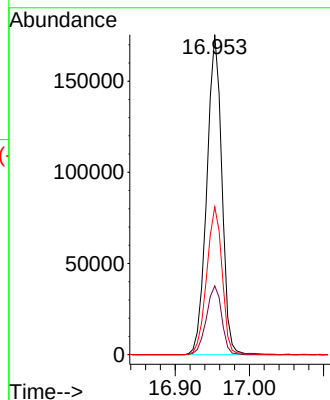
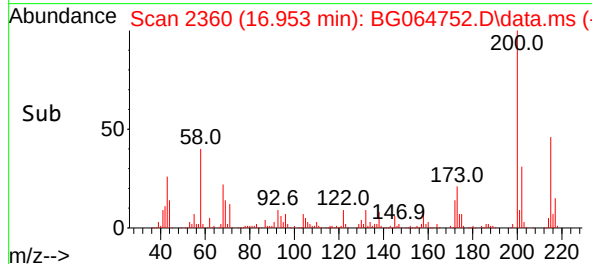
Instrument :
BNA_G
Client Sample Id :
SSTDICC080



Tgt Ion: 200 Resp: 246695
Ion Ratio Lower Upper
200 100
173 21.5 0.9 40.9
215 46.2 27.5 67.5

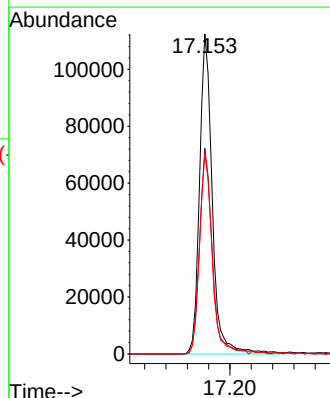
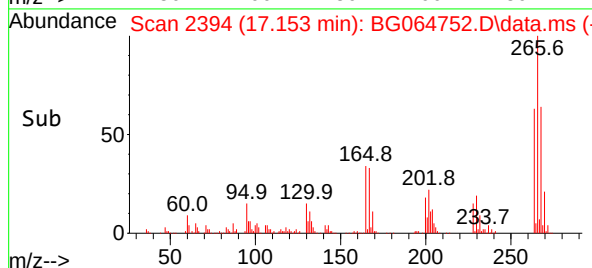
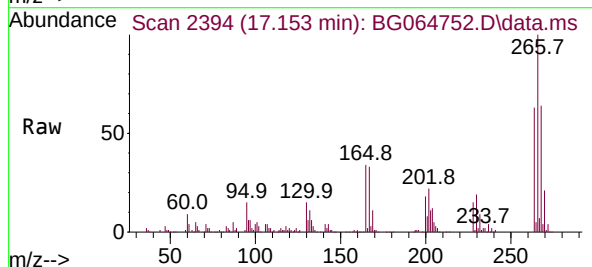
Manual Integrations
APPROVED

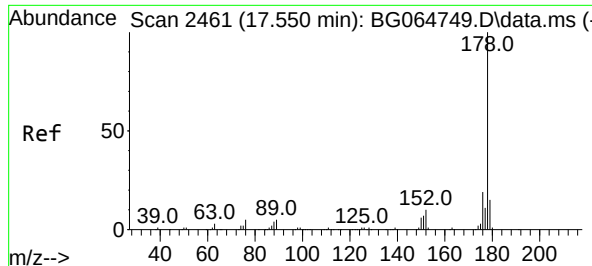
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025



#70
Pentachlorophenol
Concen: 81.697 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion: 266 Resp: 185967
Ion Ratio Lower Upper
266 100
268 68.5 56.1 84.1
264 67.2 51.2 76.8





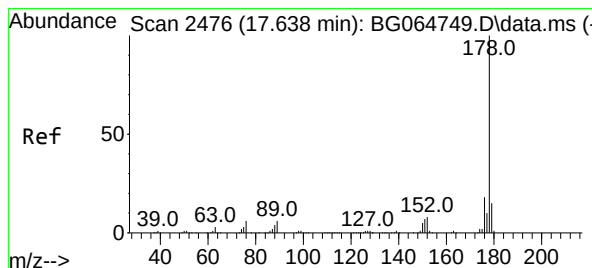
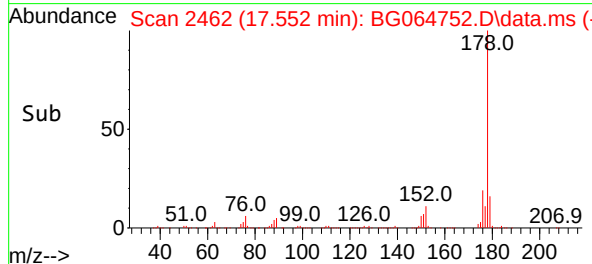
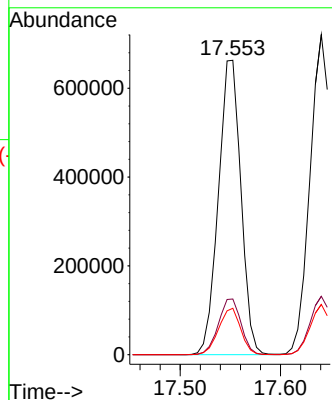
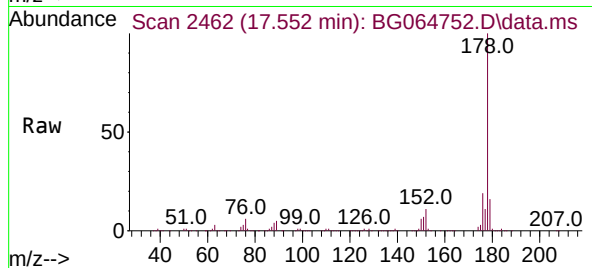
#71
Phenanthrene
Concen: 78.503 ng
RT: 17.552 min Scan# 2461
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1036635
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.7 12.2 18.4

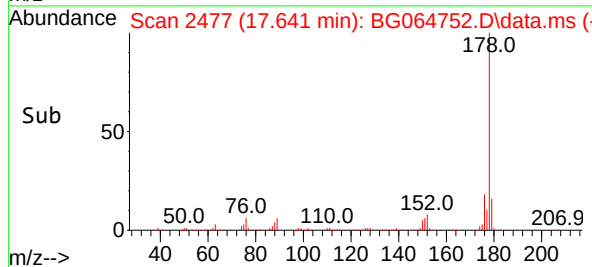
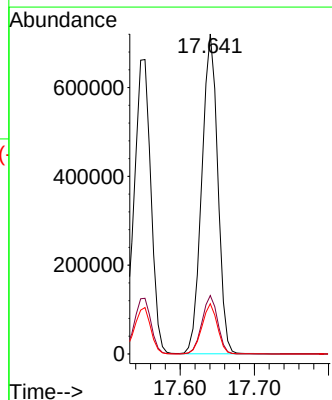
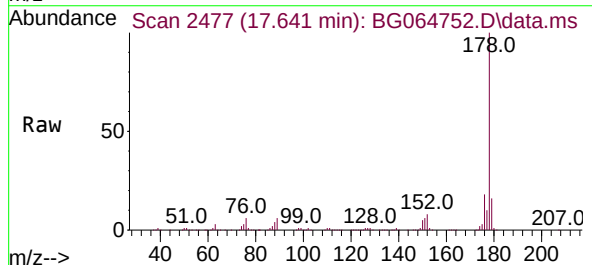
Manual Integrations
APPROVED

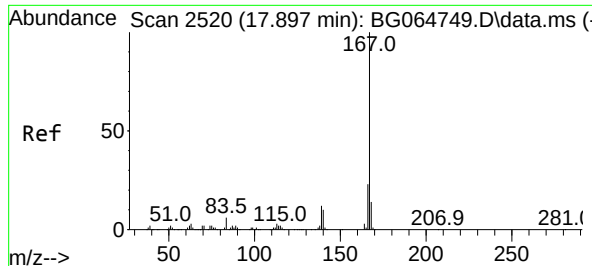
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 79.854 ng
RT: 17.641 min Scan# 2477
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:178 Resp: 1075224
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.7 12.2 18.4





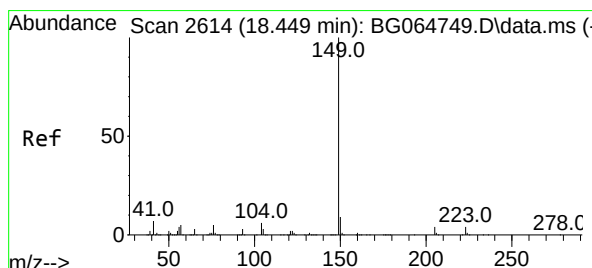
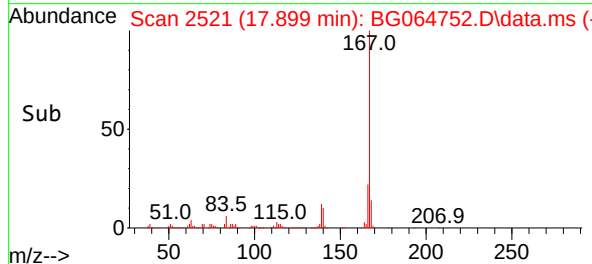
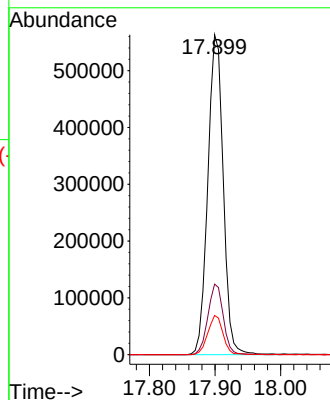
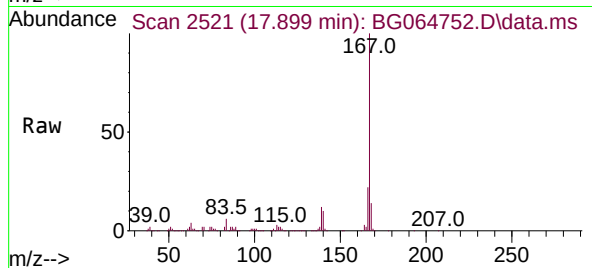
#73
Carbazole
Concen: 79.248 ng
RT: 17.899 min Scan# 2520
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 917321
Ion Ratio Lower Upper
167 100
166 22.0 18.0 27.0
139 12.2 9.7 14.5

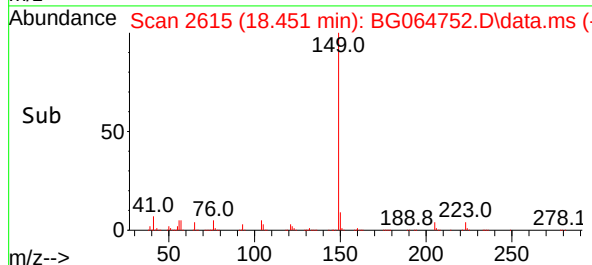
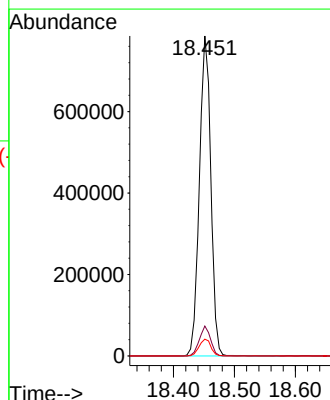
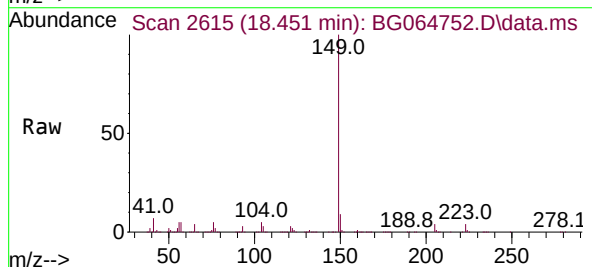
Manual Integrations
APPROVED

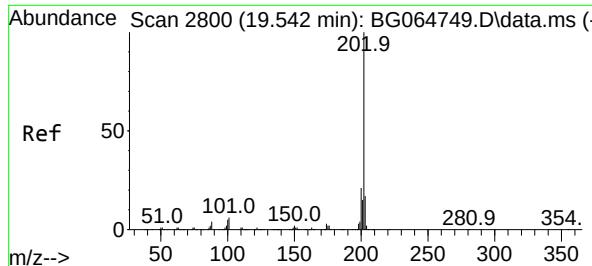
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#74
Di-n-butylphthalate
Concen: 79.189 ng
RT: 18.451 min Scan# 2615
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

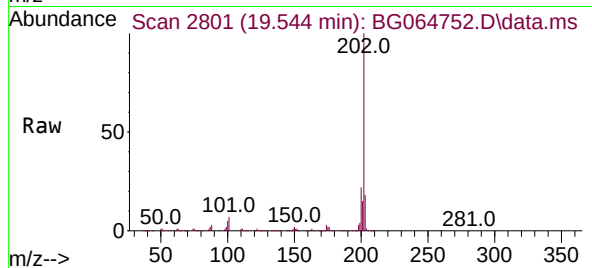
Tgt Ion:149 Resp: 1022641
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 77.406 ng
RT: 19.544 min Scan# 2801
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

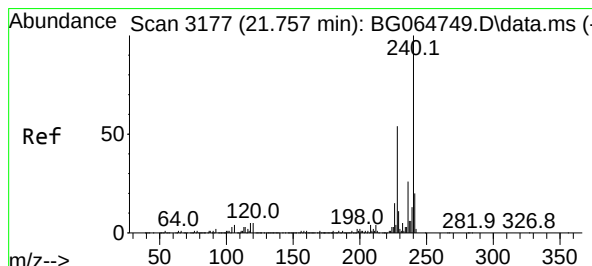
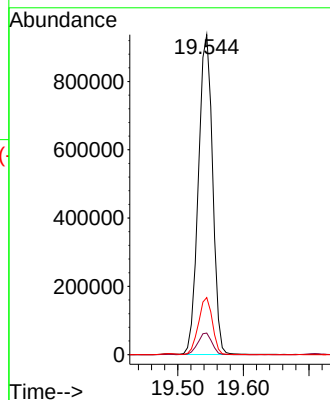
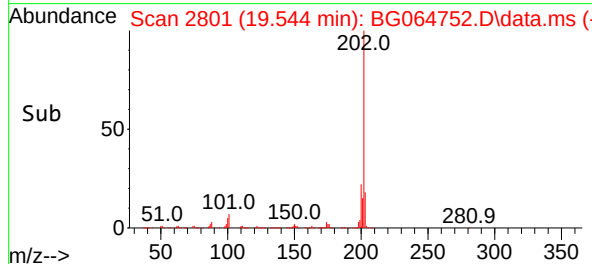
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1397734
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.4
203 17.8 0.0 37.5

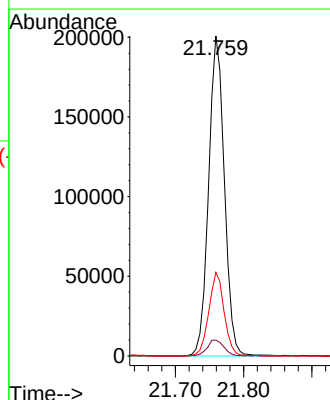
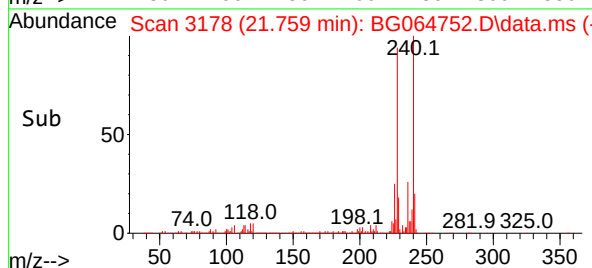
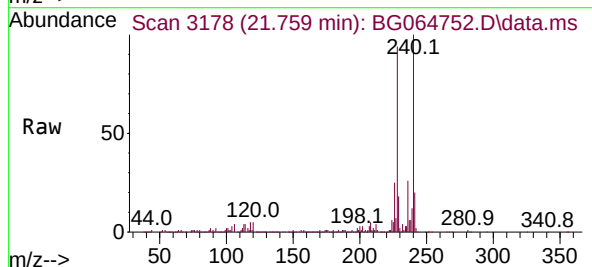
Manual Integrations
APPROVED

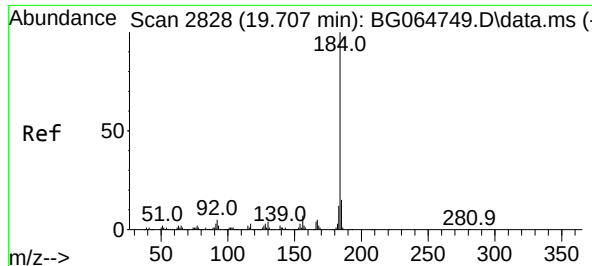
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3178
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:240 Resp: 320922
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.4
236 26.1 20.8 31.2





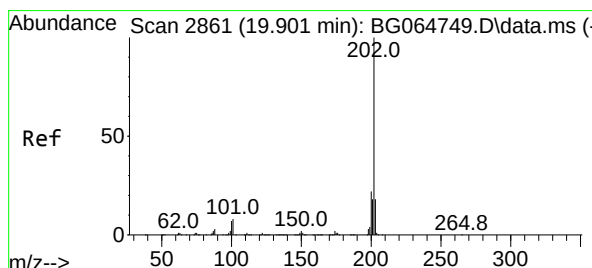
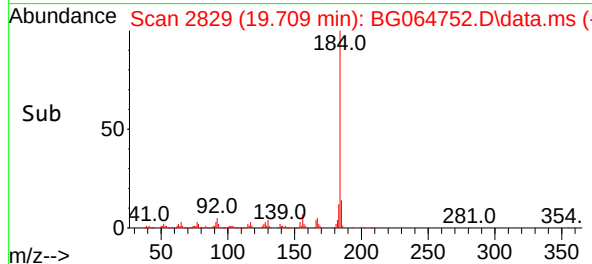
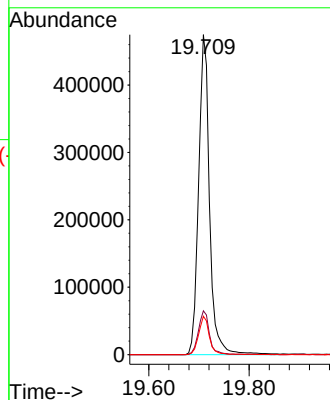
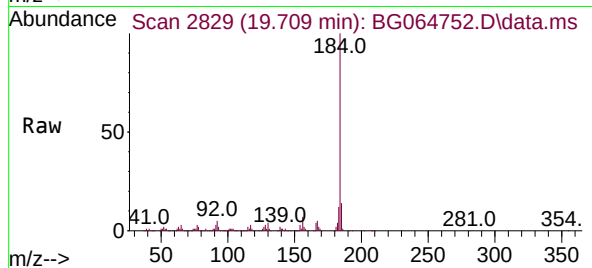
#77
Benzidine
Concen: 74.419 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 715252
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 12.0 9.8 14.6

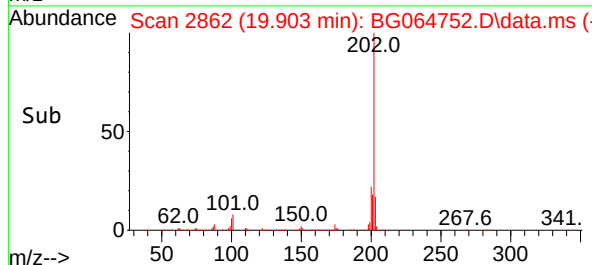
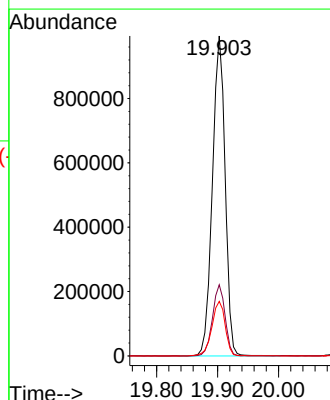
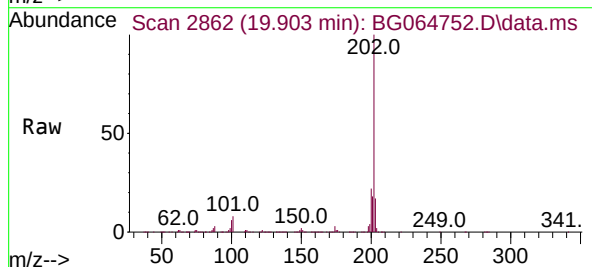
Manual Integrations
APPROVED

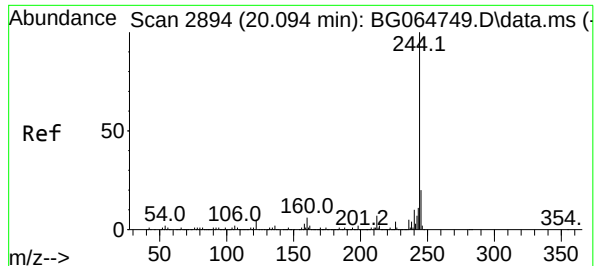
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 80.273 ng
RT: 19.903 min Scan# 2862
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

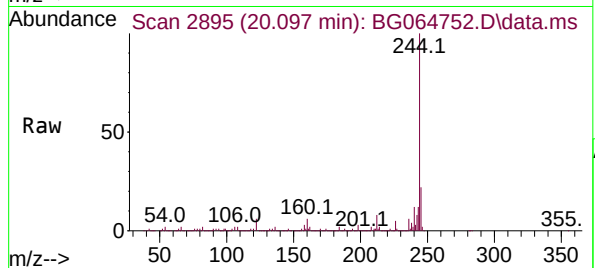
Tgt Ion:202 Resp: 1443820
Ion Ratio Lower Upper
202 100
200 22.2 17.9 26.9
203 17.0 14.0 21.0





#79
Terphenyl-d14
Concen: 152.157 ng
RT: 20.097 min Scan# 2894
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

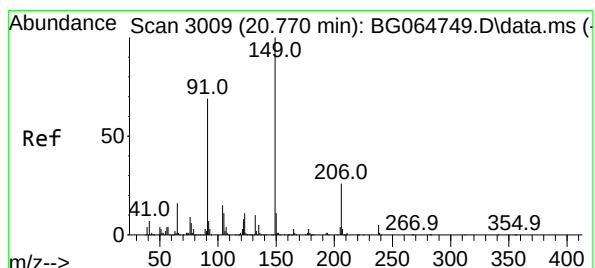
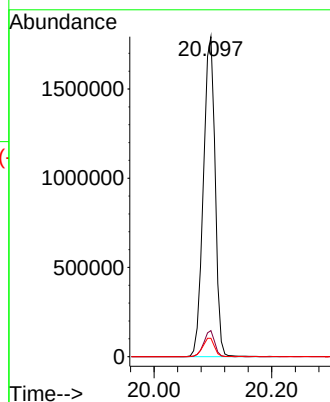
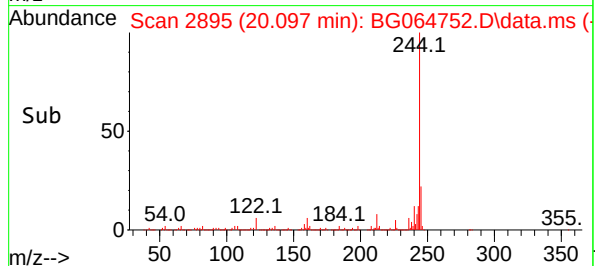
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



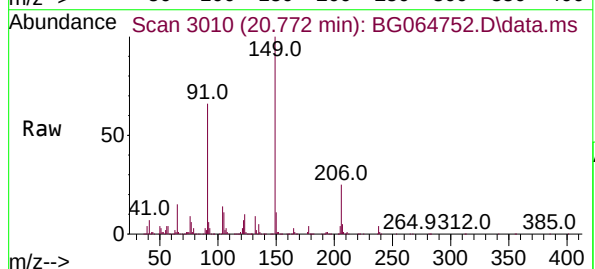
Tgt Ion:244 Resp: 2482378
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.6
122 5.7 4.3 6.5

Manual Integrations
APPROVED

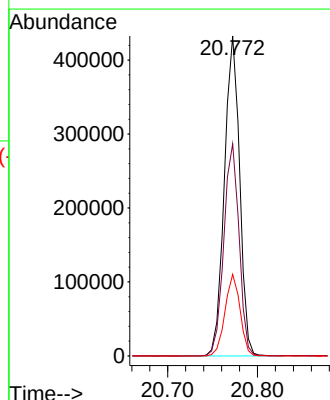
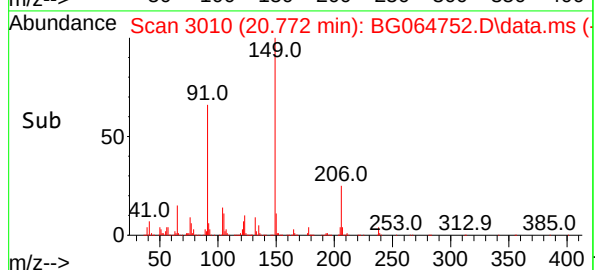
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

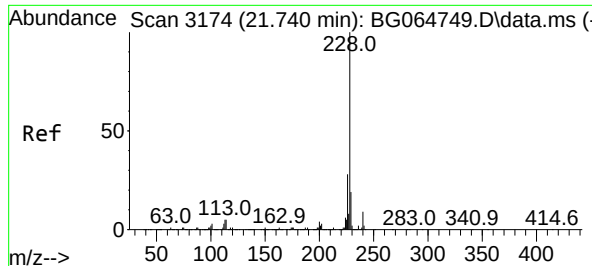


#80
Butylbenzylphthalate
Concen: 80.795 ng
RT: 20.772 min Scan# 3010
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



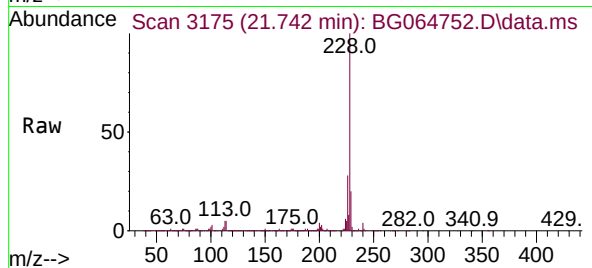
Tgt Ion:149 Resp: 511144
Ion Ratio Lower Upper
149 100
91 66.3 54.9 82.3
206 25.5 21.2 31.8





#81
Benzo(a)anthracene
Concen: 79.153 ng
RT: 21.742 min Scan# 3175
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

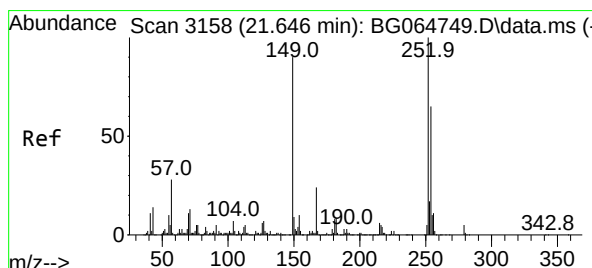
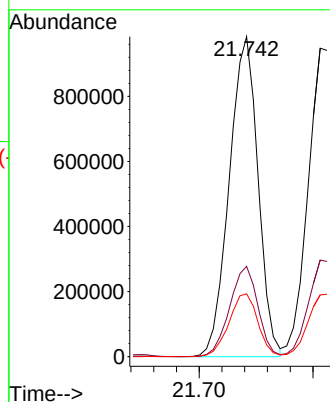
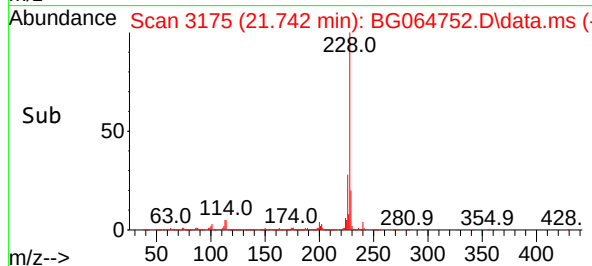
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1727230
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 19.6 15.5 23.3

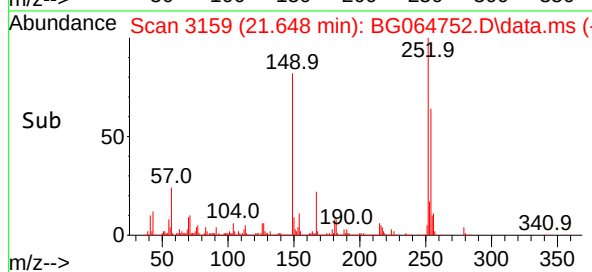
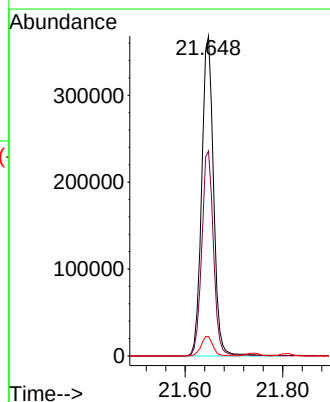
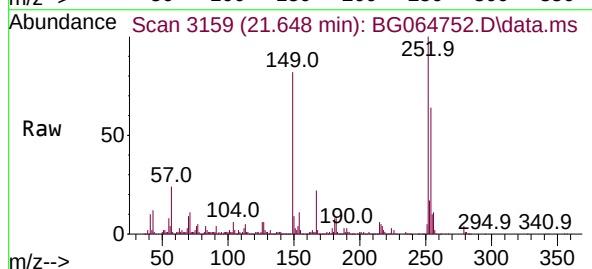
Manual Integrations
APPROVED

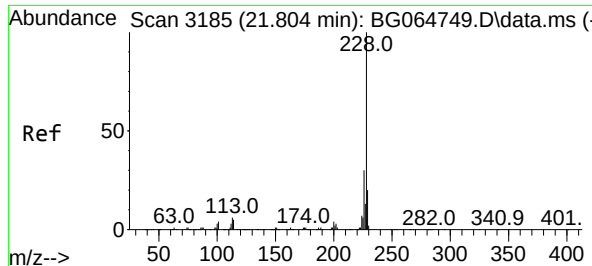
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 76.933 ng
RT: 21.648 min Scan# 3159
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

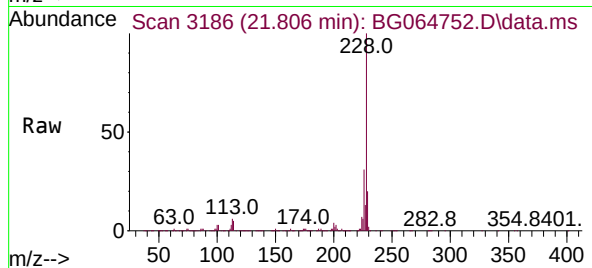
Tgt Ion:252 Resp: 617916
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.8
126 6.0 4.7 7.1





#83
Chrysene
Concen: 78.881 ng
RT: 21.806 min Scan# 3185
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

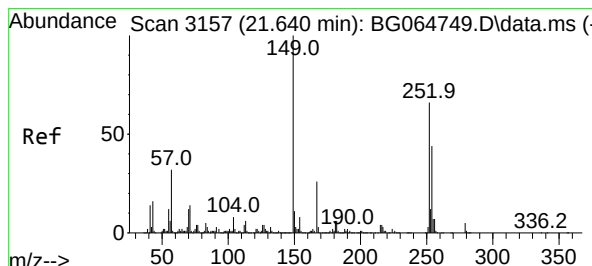
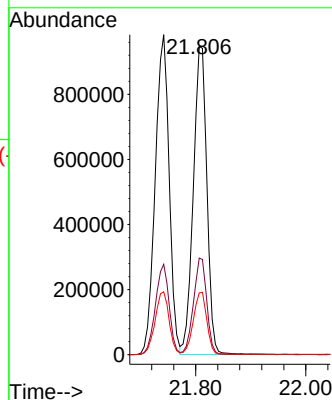
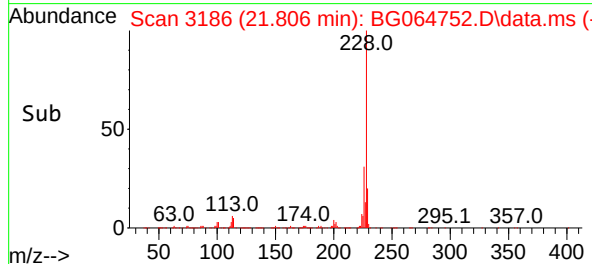
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 1622815
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 20.0 16.0 24.0

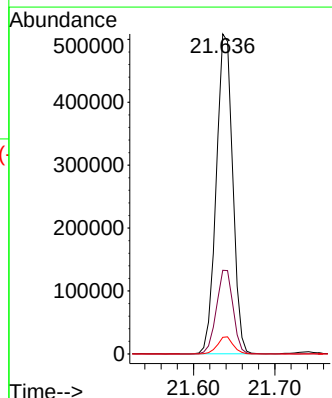
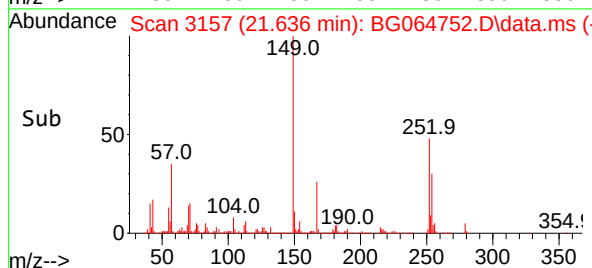
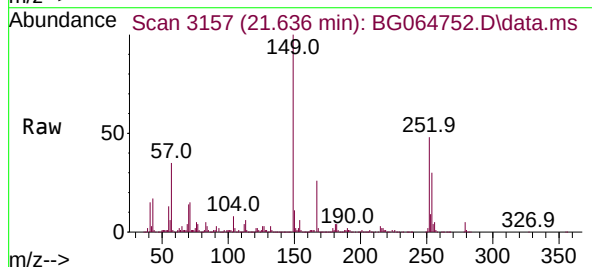
Manual Integrations
APPROVED

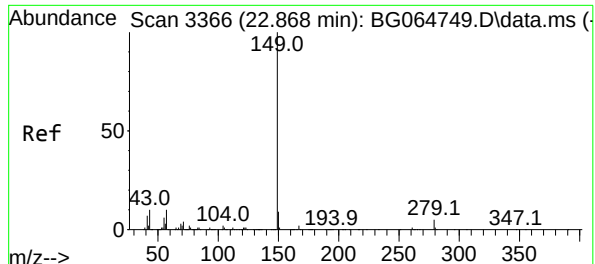
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 76.834 ng
RT: 21.636 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

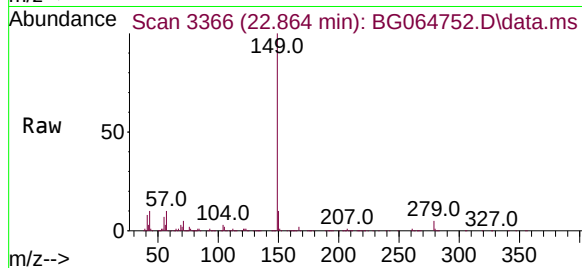
Tgt Ion:149 Resp: 710301
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 5.2 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 77.260 ng
RT: 22.864 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

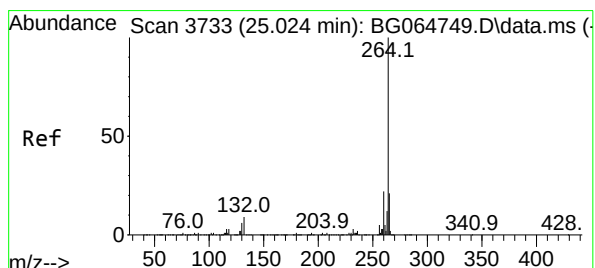
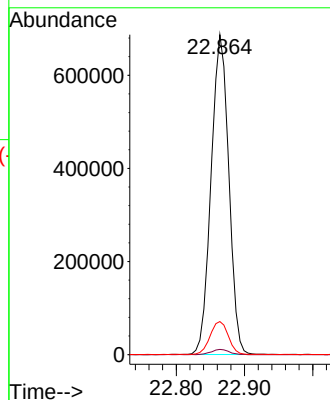
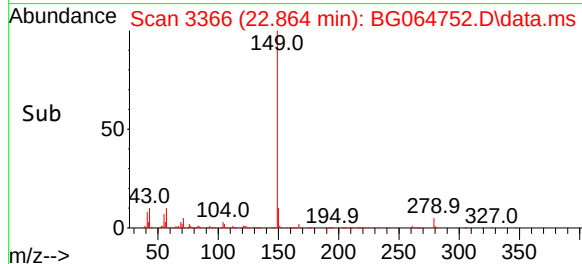
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1234609
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 8.3 12.5

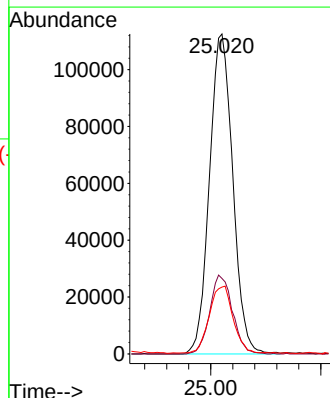
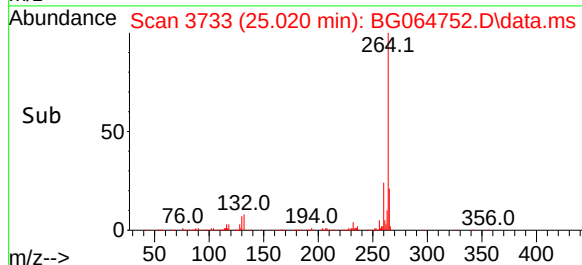
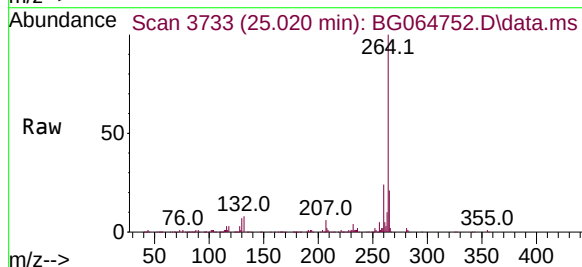
Manual Integrations
APPROVED

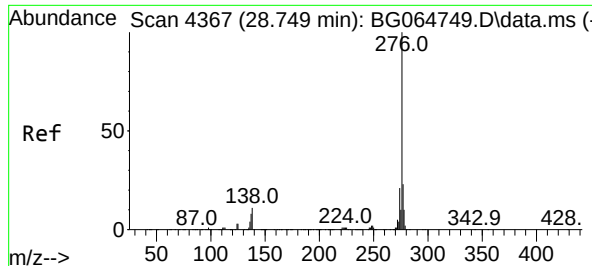
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.020 min Scan# 3733
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

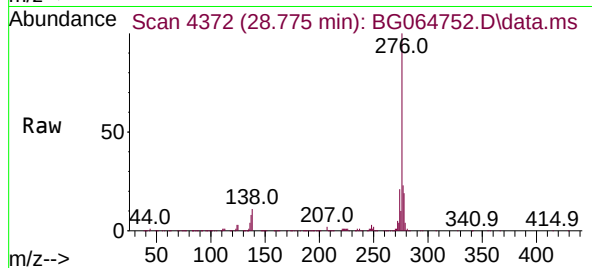
Tgt Ion:264 Resp: 330317
Ion Ratio Lower Upper
264 100
260 23.6 17.2 25.8
265 20.9 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 83.713 ng
RT: 28.775 min Scan# 4367
Delta R.T. 0.026 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

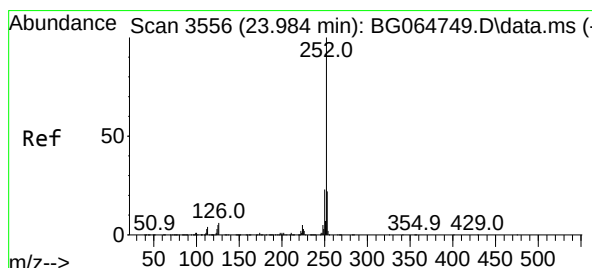
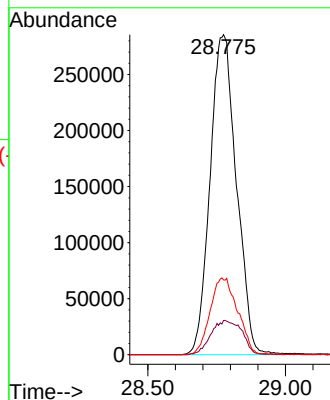
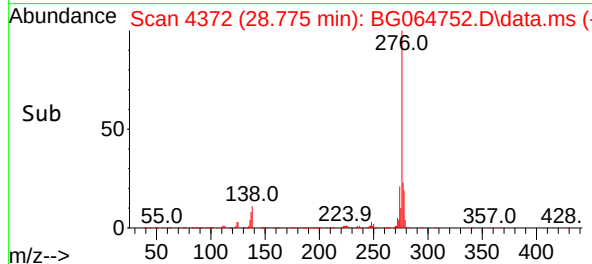
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 1899785
Ion Ratio Lower Upper
276 100
138 12.5 4.5 6.7
277 25.1 20.0 30.0

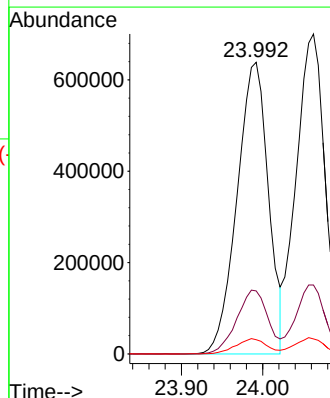
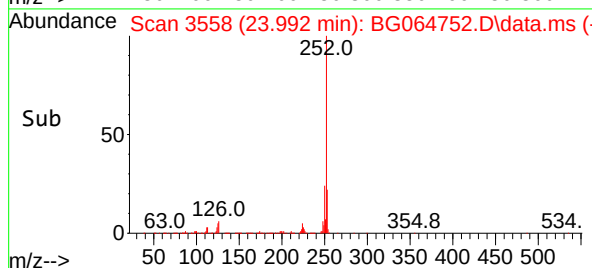
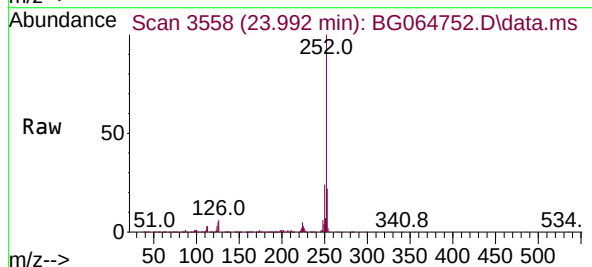
Manual Integrations
APPROVED

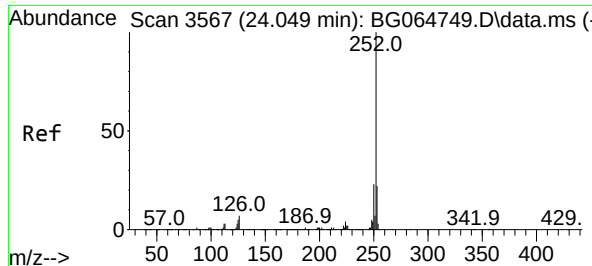
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#88
Benzo(b)fluoranthene
Concen: 81.466 ng
RT: 23.992 min Scan# 3558
Delta R.T. 0.008 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:252 Resp: 1712491
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 4.9 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 81.620 ng

RT: 24.063 min Scan# 3567

Delta R.T. 0.014 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 1723708

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

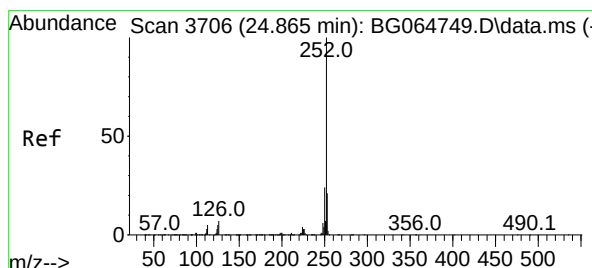
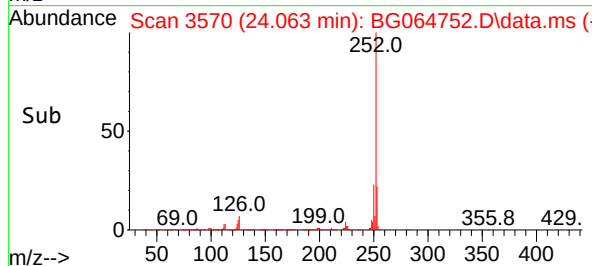
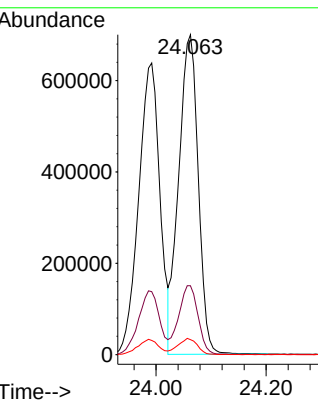
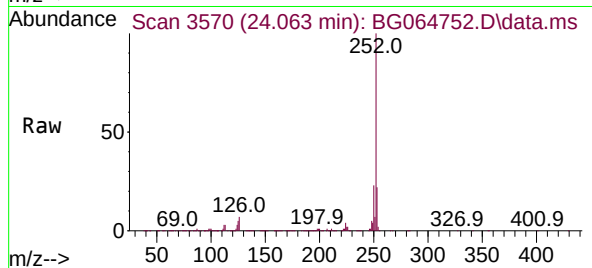
125 4.7 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 81.225 ng

RT: 24.879 min Scan# 3709

Delta R.T. 0.014 min

Lab File: BG064752.D

Acq: 12 Nov 2025 16:04

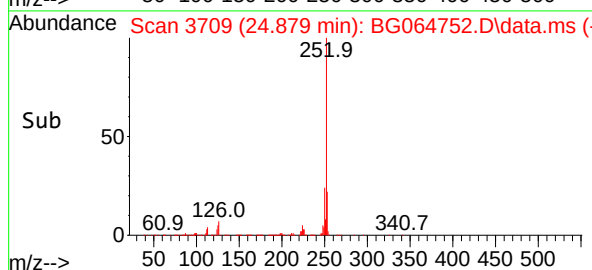
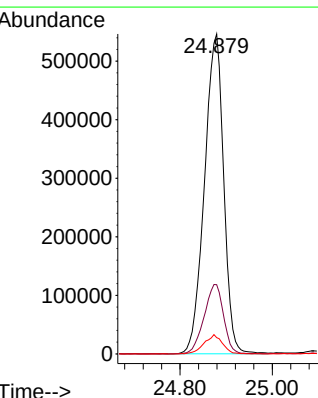
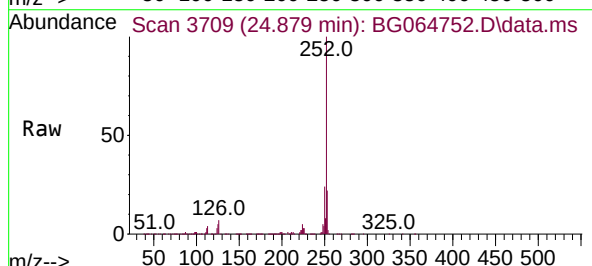
Tgt Ion:252 Resp: 1583859

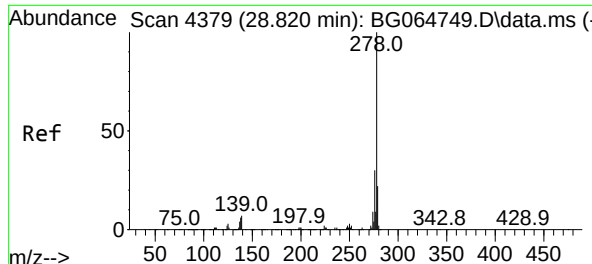
Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

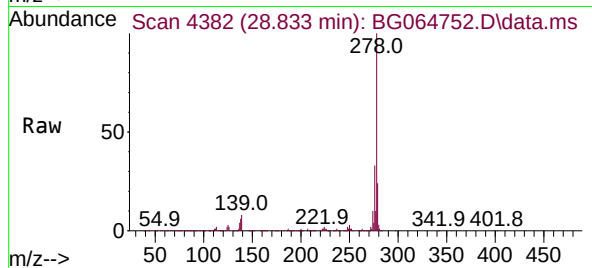
125 5.1 4.2 6.4





#91
Dibenzo(a,h)anthracene
Concen: 83.894 ng
RT: 28.833 min Scan# 4379
Delta R.T. 0.014 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

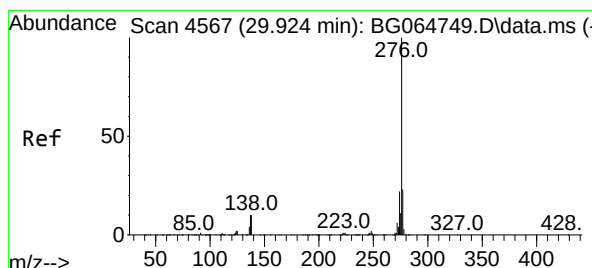
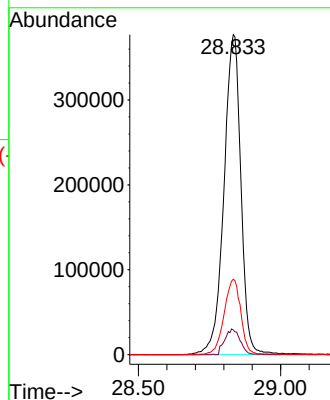
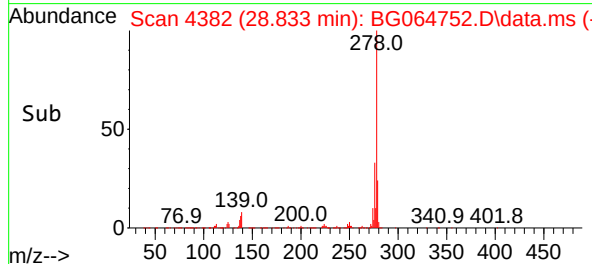
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:278 Resp: 1559703
Ion Ratio Lower Upper
278 100
139 7.7 5.8 8.8
279 23.6 17.3 25.9

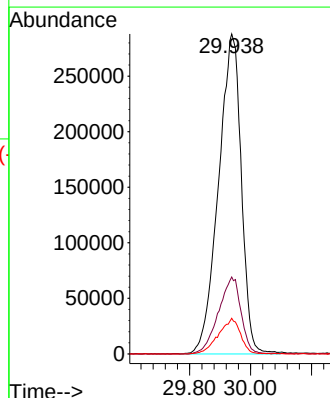
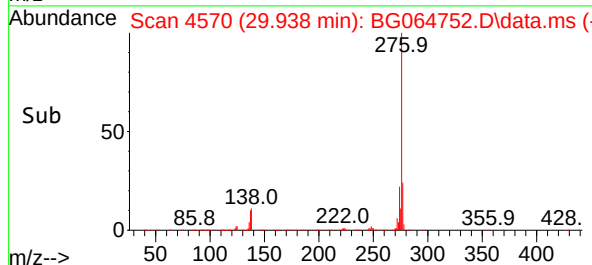
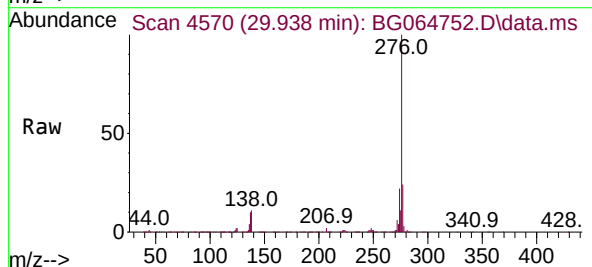
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 83.541 ng
RT: 29.938 min Scan# 4570
Delta R.T. 0.014 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Tgt Ion:276 Resp: 1494746
Ion Ratio Lower Upper
276 100
277 24.0 18.0 27.0
138 11.1 8.2 12.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064753.D
 Acq On : 12 Nov 2025 16:45
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 17:26:43 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	33326	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	132747	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	109409	20.000	ng	0.00
64) Phenanthrene-d10	17.507	188	274232	20.000	ng	0.00
76) Chrysene-d12	21.755	240	377705	20.000	ng	0.00
86) Perylene-d12	25.016	264	409953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	120553	63.167	ng	0.00
7) Phenol-d6	7.307	99	163728	64.502	ng	0.00
23) Nitrobenzene-d5	9.328	82	166272	61.930	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	136910	64.162	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	470384	59.990	ng	0.00
79) Terphenyl-d14	20.092	244	1191783	62.068	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.535	88	23293	31.527	ng	96
3) Pyridine	3.946	79	64481	29.291	ng	96
4) n-Nitrosodimethylamine	3.852	42	36442	32.525	ng	91
6) Aniline	7.483	93	115393	34.106	ng	99
8) 2-Chlorophenol	7.730	128	68691	32.779	ng	96
9) Benzaldehyde	7.295	77	58482	35.196	ng	90
10) Phenol	7.336	94	91069	32.974	ng	95
11) bis(2-Chloroethyl)ether	7.571	93	63934	32.532	ng	98
12) 1,3-Dichlorobenzene	8.059	146	81195	33.672	ng	97
13) 1,4-Dichlorobenzene	8.206	146	80784	32.901	ng	96
14) 1,2-Dichlorobenzene	8.523	146	80788	33.934	ng	99
15) Benzyl Alcohol	8.400	79	72009	34.561	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.688	45	148081	31.833	ng	99
17) 2-Methylphenol	8.600	107	62824	32.149	ng	96
18) Hexachloroethane	9.263	117	29173	31.370	ng	95
19) n-Nitroso-di-n-propyla...	8.970	70	58847	34.287	ng	91
20) 3+4-Methylphenols	8.923	107	86297	32.235	ng	96
22) Acetophenone	8.987	105	122146	33.774	ng	99
24) Nitrobenzene	9.369	77	89962	33.162	ng	94
25) Isophorone	9.898	82	165493	32.368	ng	97
26) 2-Nitrophenol	10.086	139	40886	33.507	ng	98
27) 2,4-Dimethylphenol	10.139	122	68610	31.650	ng	98
28) bis(2-Chloroethoxy)met...	10.374	93	90243	32.150	ng	97
29) 2,4-Dichlorophenol	10.627	162	76896	33.040	ng	97
30) 1,2,4-Trichlorobenzene	10.844	180	95519	33.988	ng	96
31) Naphthalene	11.038	128	236163	31.383	ng	100
32) Benzoic acid	10.245	122	43241m	30.681	ng	
33) 4-Chloroaniline	11.126	127	101262	33.639	ng	100
34) Hexachlorobutadiene	11.326	225	75988	31.513	ng	97
35) Caprolactam	11.884	113	22870	32.854	ng	95
36) 4-Chloro-3-methylphenol	12.236	107	83400	32.195	ng	97
37) 2-Methylnaphthalene	12.624	142	161122	28.612	ng	97
38) 1-Methylnaphthalene	12.842	142	168025	30.038	ng	99
40) 1,2,4,5-Tetrachloroben...	12.989	216	134917	31.686	ng	98
41) Hexachlorocyclopentadiene	12.971	237	93533	30.647	ng	98
43) 2,4,6-Trichlorophenol	13.218	196	80067	32.039	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064753.D
 Acq On : 12 Nov 2025 16:45
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 12 17:26:43 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	88366	31.528	ng	95
46) 1,1'-Biphenyl	13.617	154	253543	32.265	ng	95
47) 2-Chloronaphthalene	13.664	162	192989	31.173	ng	99
48) 2-Nitroaniline	13.846	65	66734	33.514	ng	95
49) Acenaphthylene	14.504	152	336105	31.779	ng	98
50) Dimethylphthalate	14.222	163	273873	31.689	ng	96
51) 2,6-Dinitrotoluene	14.334	165	55364	33.291	ng	97
52) Acenaphthene	14.839	154	200981	31.693	ng	100
53) 3-Nitroaniline	14.663	138	55656	33.908	ng	99
54) 2,4-Dinitrophenol	14.869	184	30993	32.871	ng	91
55) Dibenzofuran	15.168	168	328578	31.341	ng	97
56) 4-Nitrophenol	14.957	139	43480	33.387	ng	92
57) 2,4-Dinitrotoluene	15.115	165	83443	33.468	ng	98
58) Fluorene	15.815	166	260110	31.633	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.392	232	95337	34.475	ng	97
60) Diethylphthalate	15.574	149	260062	31.411	ng	98
61) 4-Chlorophenyl-phenyle...	15.803	204	151269	30.654	ng	99
62) 4-Nitroaniline	15.815	138	57409	33.761	ng	95
63) Azobenzene	16.097	77	219873	31.929	ng	97
65) 4,6-Dinitro-2-methylph...	15.879	198	51659	33.928	ng	91
66) n-Nitrosodiphenylamine	16.014	169	234732	32.679	ng	98
67) 4-Bromophenyl-phenylether	16.696	248	113704	31.573	ng	96
68) Hexachlorobenzene	16.819	284	136782	31.349	ng	95
69) Atrazine	16.949	200	114666	33.110	ng	98
70) Pentachlorophenol	17.154	266	72699	32.137	ng	97
71) Phenanthrene	17.548	178	472871	31.516	ng	99
72) Anthracene	17.636	178	486138	31.775	ng	99
73) Carbazole	17.900	167	431125	32.779	ng	99
74) Di-n-butylphthalate	18.453	149	467217	31.841	ng	99
75) Fluoranthene	19.540	202	649361	31.649	ng	99
77) Benzidine	19.710	184	374997	33.151	ng	99
78) Pyrene	19.898	202	679837	32.115	ng	98
80) Butylbenzylphthalate	20.768	149	231586	31.103	ng	98
81) Benzo(a)anthracene	21.737	228	813112	31.660	ng	99
82) 3,3'-Dichlorobenzidine	21.643	252	321145	33.973	ng	98
83) Chrysene	21.802	228	755443	31.200	ng	100
84) Bis(2-ethylhexyl)phtha...	21.637	149	336357	30.914	ng	99
85) Di-n-octyl phthalate	22.859	149	578463	30.757	ng	100
87) Indeno(1,2,3-cd)pyrene	28.746	276	909527	32.293	ng	# 96
88) Benzo(b)fluoranthene	23.981	252	800751	30.693	ng	99
89) Benzo(k)fluoranthene	24.046	252	841278	32.097	ng	99
90) Benzo(a)pyrene	24.863	252	781704	32.301	ng	99
91) Dibenzo(a,h)anthracene	28.811	278	741916	32.155	ng	98
92) Benzo(g,h,i)perylene	29.910	276	705009	31.749	ng	99

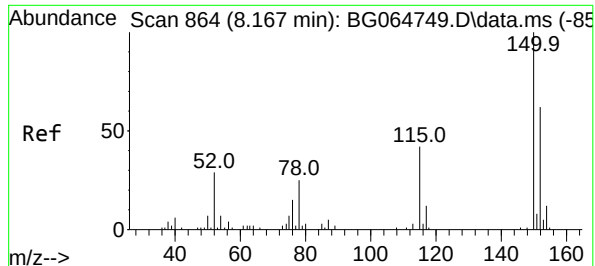
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Manual Integrations APPROVED

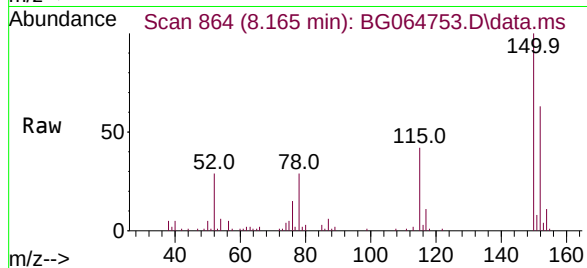
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

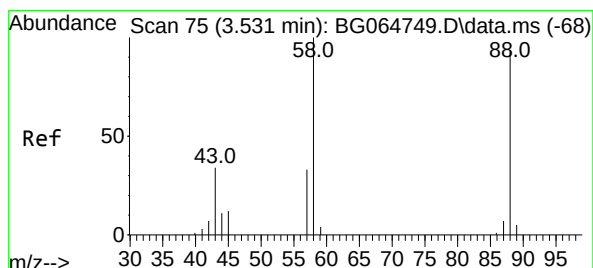
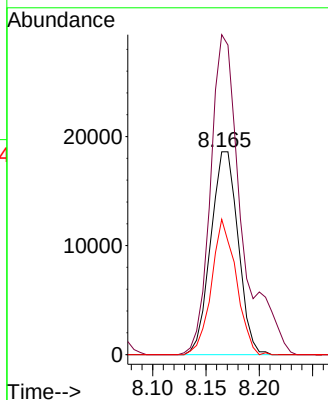
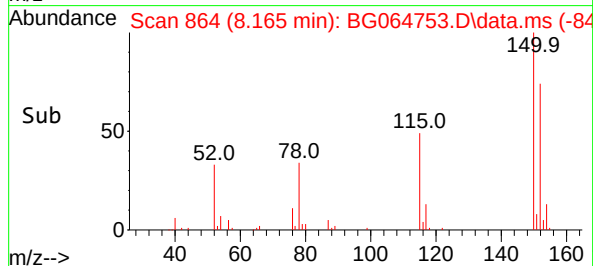
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:152 Resp: 33326
Ion Ratio Lower Upper
152 100
150 157.7 129.2 193.8
115 66.7 53.7 80.5

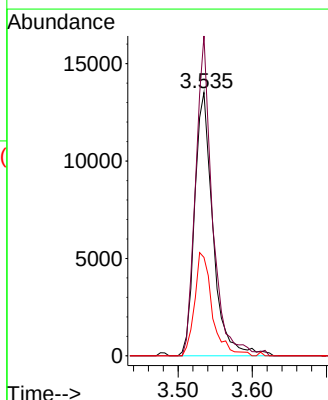
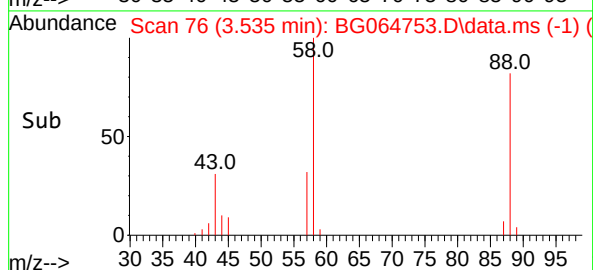
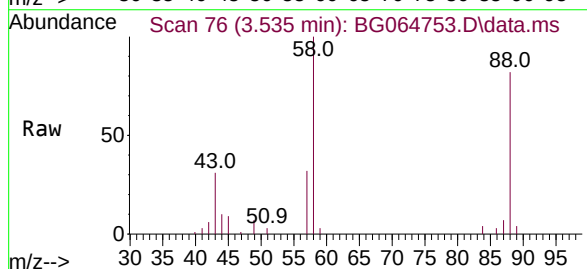
Manual Integrations
APPROVED

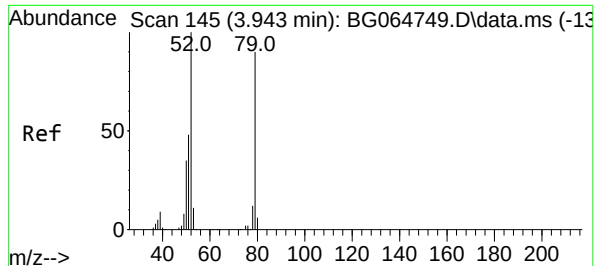
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 31.527 ng
RT: 3.535 min Scan# 76
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

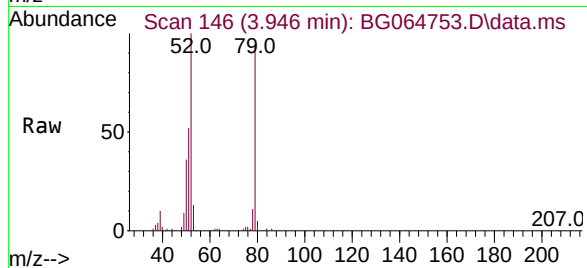
Tgt Ion: 88 Resp: 23293
Ion Ratio Lower Upper
88 100
58 111.2 84.6 126.8
43 37.7 30.0 45.0





#3
Pyridine
Concen: 29.291 ng
RT: 3.946 min Scan# 145
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

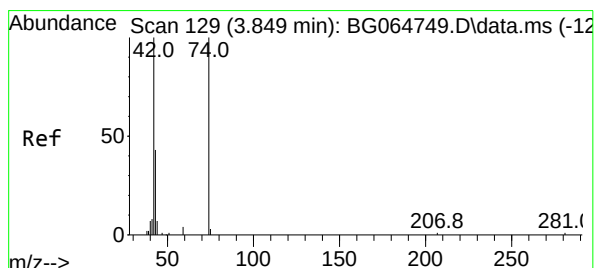
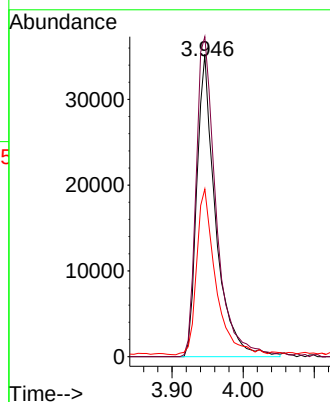
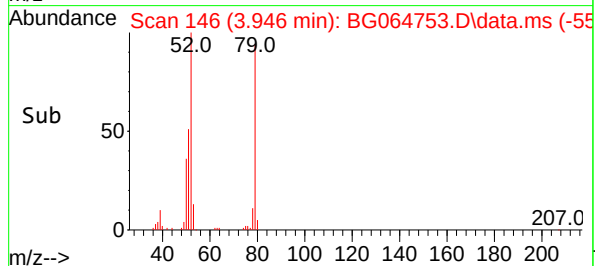
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion: 79 Resp: 6448
Ion Ratio Lower Upper
79 100
52 105.9 89.0 133.4
51 55.5 43.4 65.0

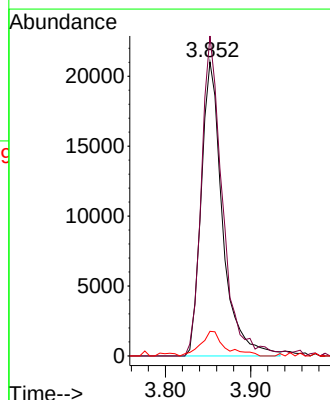
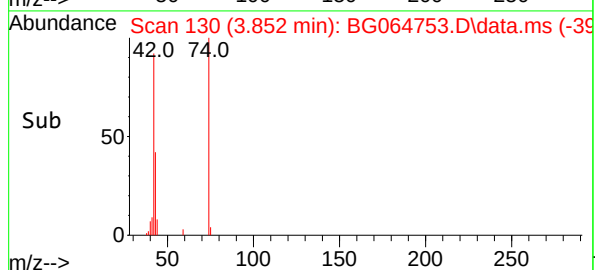
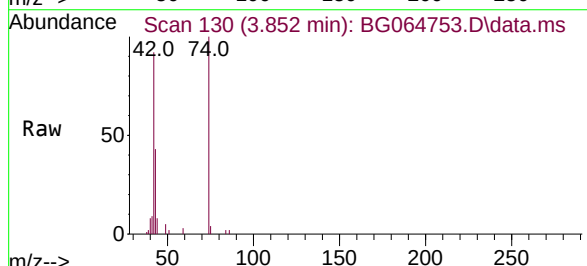
Manual Integrations
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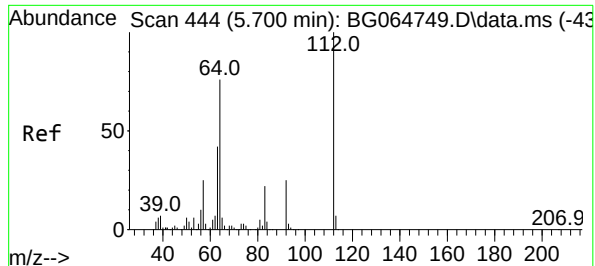
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 32.525 ng
RT: 3.852 min Scan# 130
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 42 Resp: 36442
Ion Ratio Lower Upper
42 100
74 108.9 79.8 119.6
44 8.4 5.9 8.9





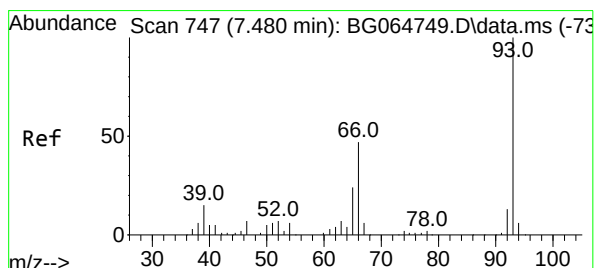
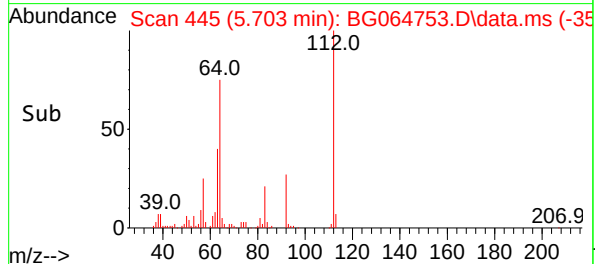
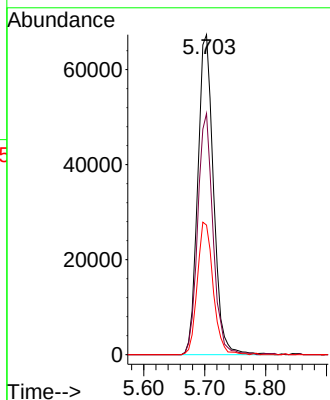
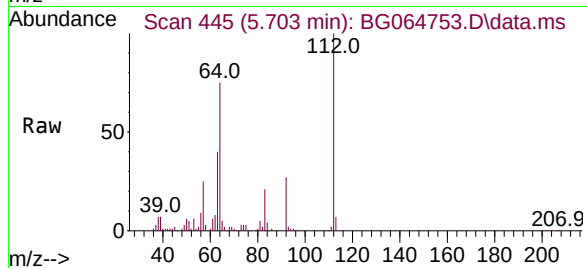
#5
2-Fluorophenol
Concen: 63.167 ng
RT: 5.703 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Tgt Ion:112 Resp: 120553
Ion Ratio Lower Upper
112 100
64 75.3 61.0 91.4
63 40.5 33.3 49.9

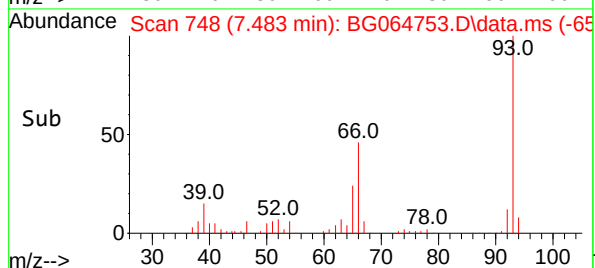
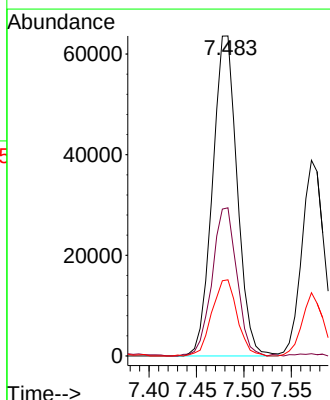
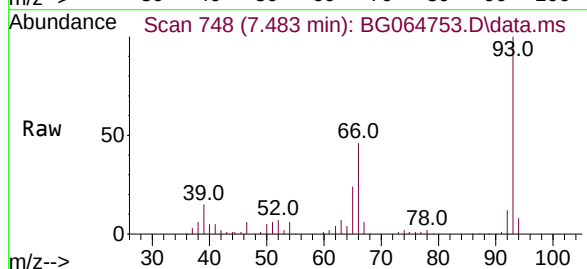
Manual Integrations
APPROVED

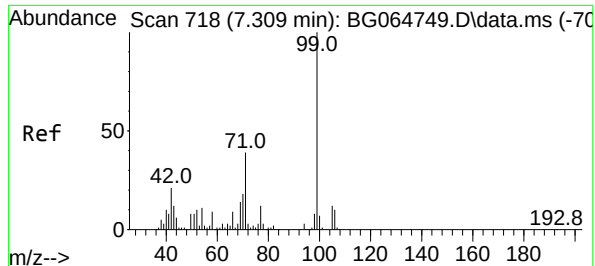
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 34.106 ng
RT: 7.483 min Scan# 748
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

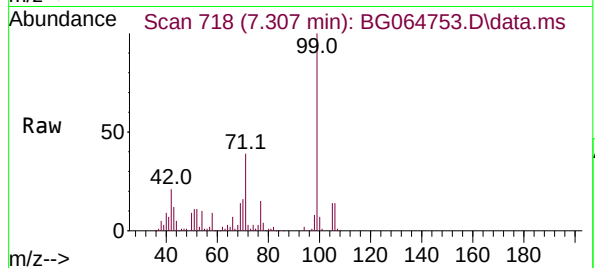
Tgt Ion: 93 Resp: 115393
Ion Ratio Lower Upper
93 100
66 46.3 37.7 56.5
65 23.8 19.1 28.7





#7
Phenol-d6
Concen: 64.502 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

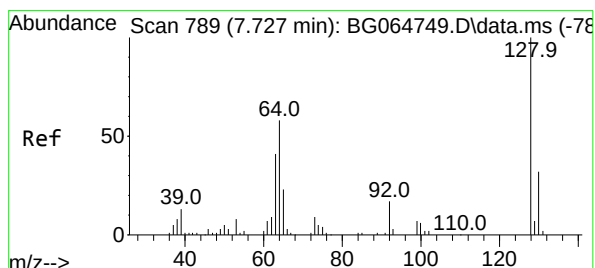
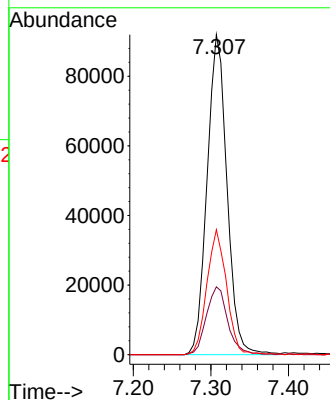
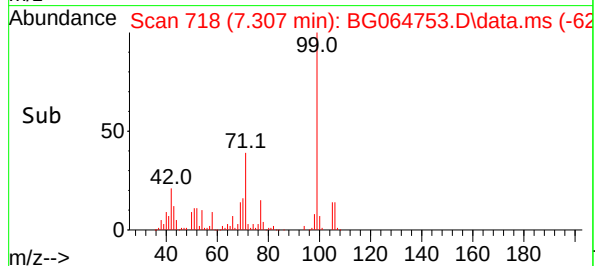
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



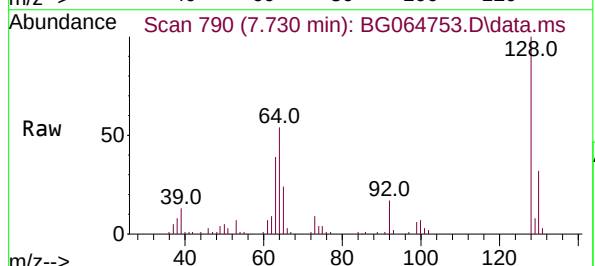
Tgt Ion: 99 Resp: 163728
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 39.0 31.1 46.7

Manual Integrations
APPROVED

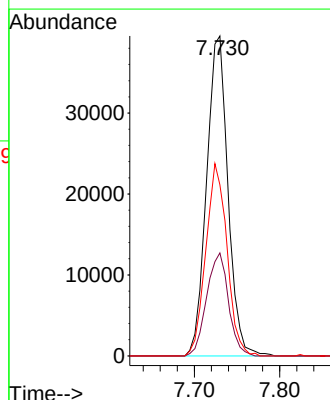
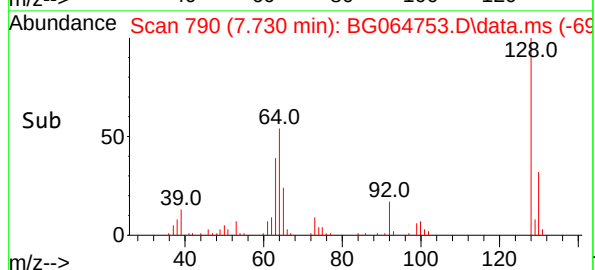
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

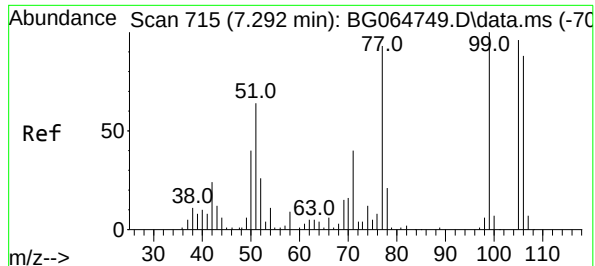


#8
2-Chlorophenol
Concen: 32.779 ng
RT: 7.730 min Scan# 790
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



Tgt Ion:128 Resp: 68691
Ion Ratio Lower Upper
128 100
130 32.2 11.9 51.9
64 53.5 38.4 78.4



#9
Benzaldehyde

Concen: 35.196 ng

RT: 7.295 min Scan# 715

Delta R.T. 0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

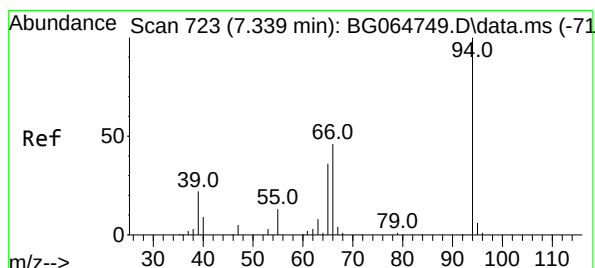
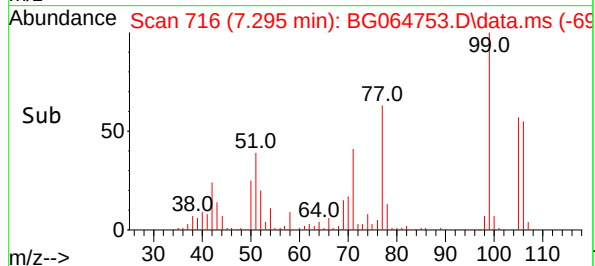
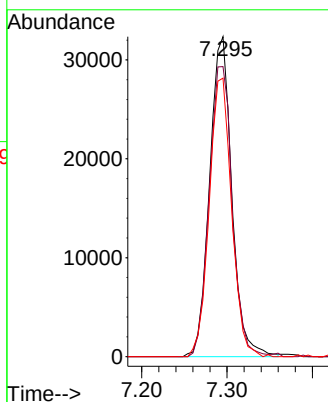
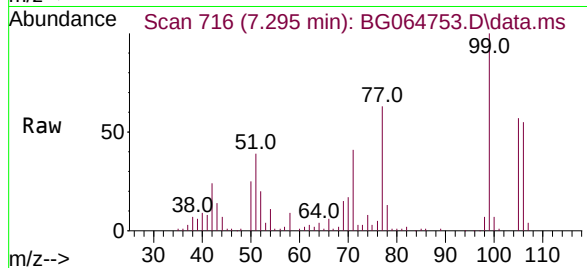
Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Tgt Ion:	77	Resp:	5848
Ion	Ratio	Lower	Upper
77	100		
105	90.6	83.8	123.8
106	87.0	74.3	114.3

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#10

Phenol

Concen: 32.974 ng

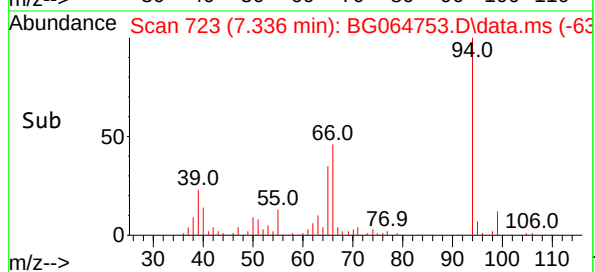
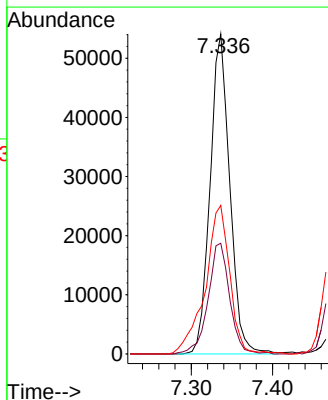
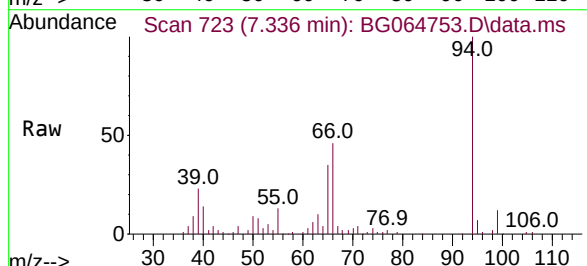
RT: 7.336 min Scan# 723

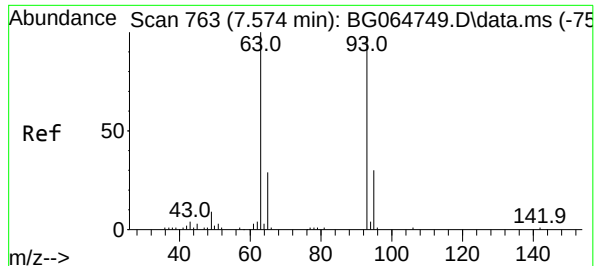
Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Tgt Ion:	94	Resp:	91069
Ion	Ratio	Lower	Upper
94	100		
65	34.6	17.0	57.0
66	46.4	29.8	69.8





#11

bis(2-Chloroethyl)ether

Concen: 32.532 ng

RT: 7.571 min Scan# 70

Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

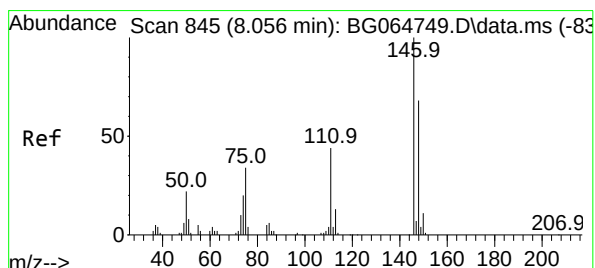
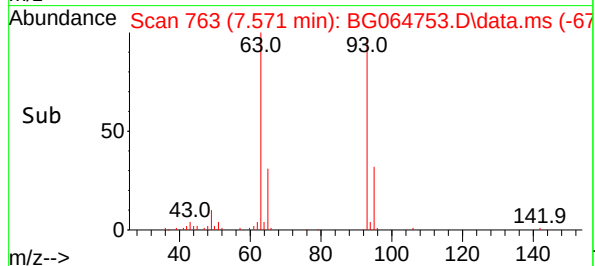
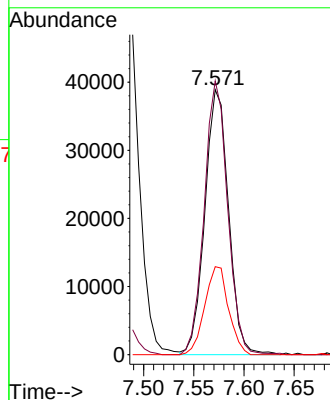
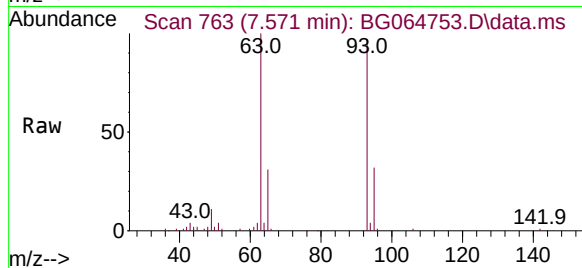
ICVBG111225

Tgt Ion:	93	Resp:	63934
Ion	Ratio	Lower	Upper
93	100		
63	103.4	81.8	121.8
95	33.2	10.3	50.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 33.672 ng

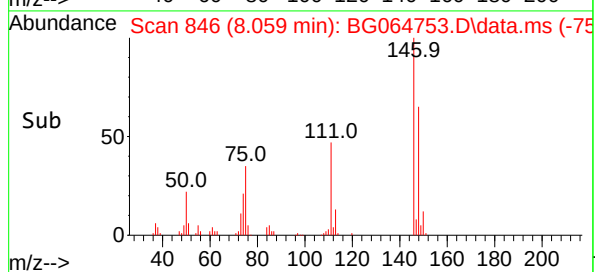
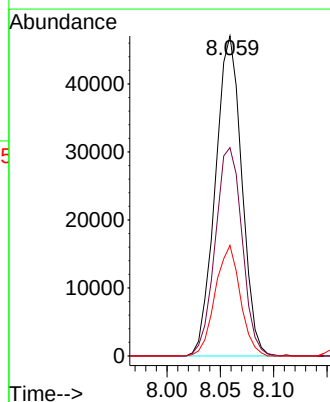
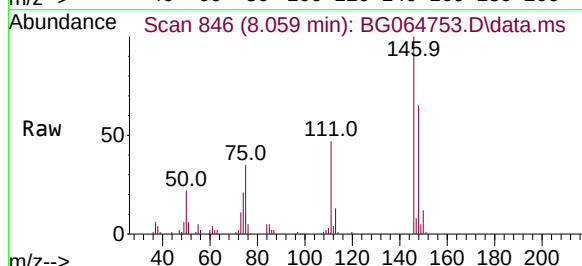
RT: 8.059 min Scan# 846

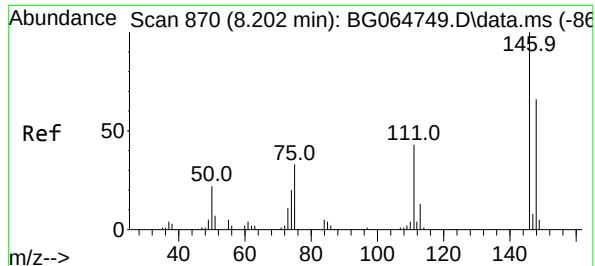
Delta R.T. 0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Tgt Ion:	146	Resp:	81195
Ion	Ratio	Lower	Upper
146	100		
148	65.1	54.6	82.0
75	34.5	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 32.901 ng

RT: 8.206 min Scan# 870

Delta R.T. 0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

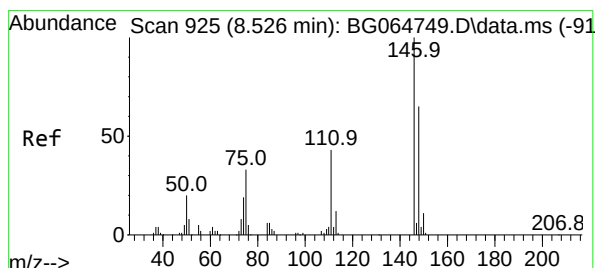
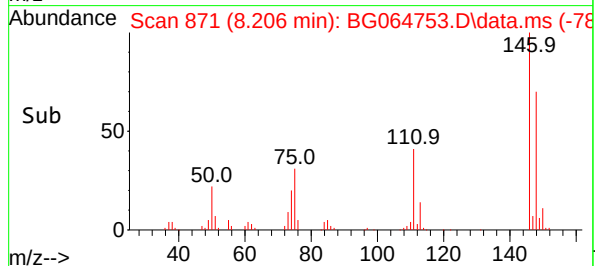
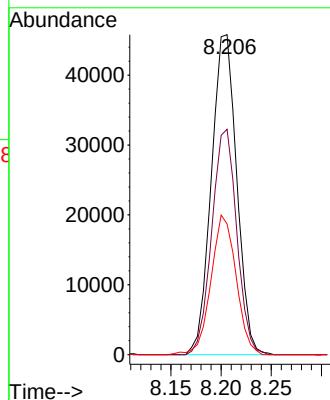
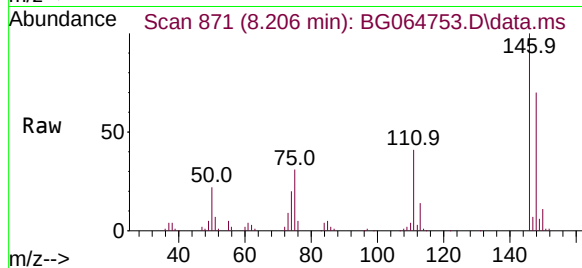
Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Tgt Ion:	146	Resp:	80784
Ion Ratio	Lower	Upper	
146	100		
148	70.5	53.1	79.7
111	40.8	34.1	51.1

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#14

1,2-Dichlorobenzene

Concen: 33.934 ng

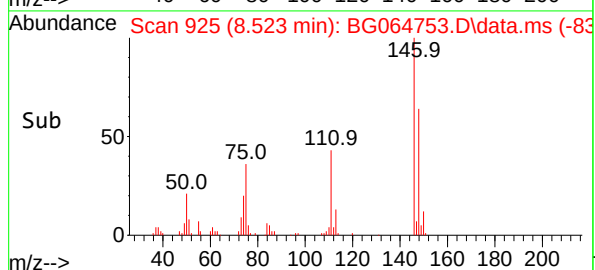
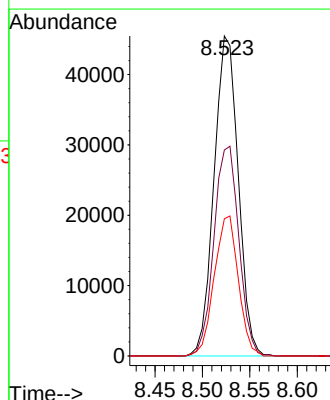
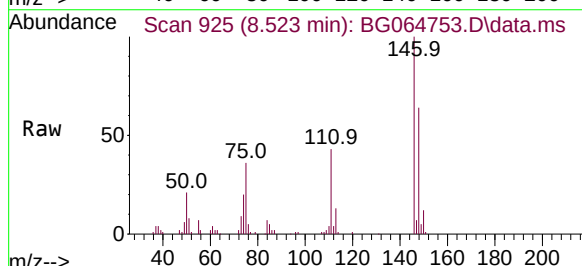
RT: 8.523 min Scan# 925

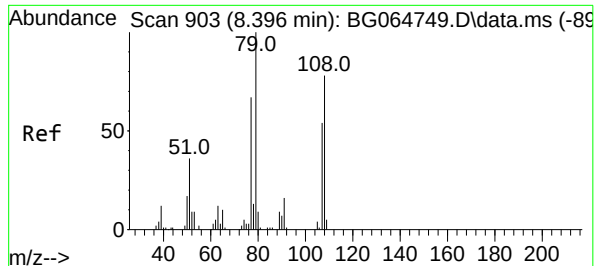
Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Tgt Ion:	146	Resp:	80788
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.0	78.0
111	42.8	34.7	52.1





#15

Benzyl Alcohol

Concen: 34.561 ng

RT: 8.400 min Scan# 904

Delta R.T. 0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

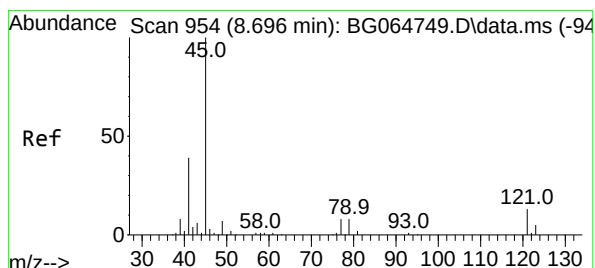
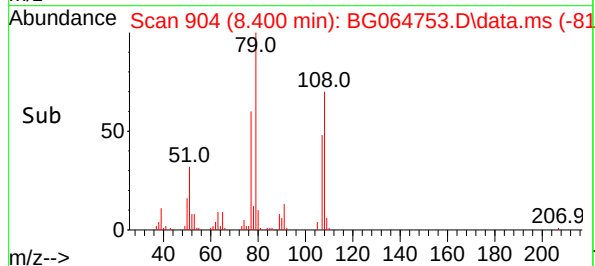
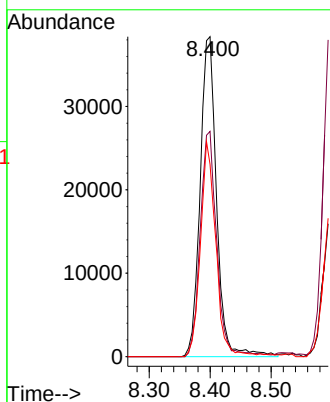
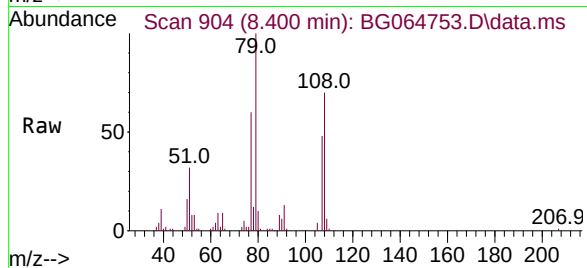
Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Tgt Ion:	79	Resp:	72009
Ion Ratio	Lower	Upper	
79	100		
108	70.4	62.3	93.5
77	60.1	53.5	80.3

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.833 ng

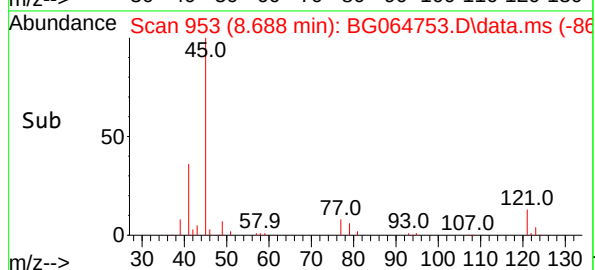
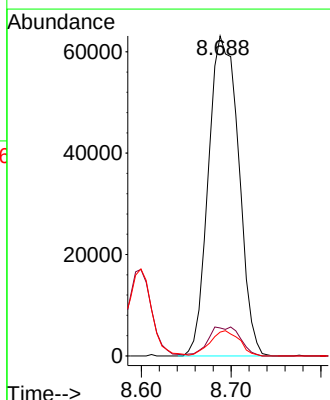
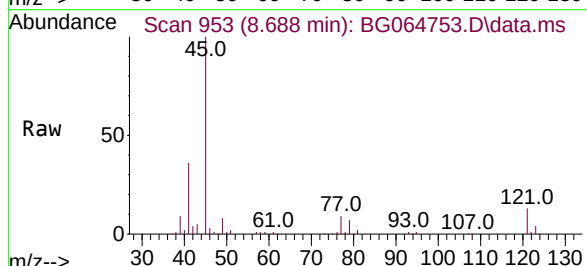
RT: 8.688 min Scan# 953

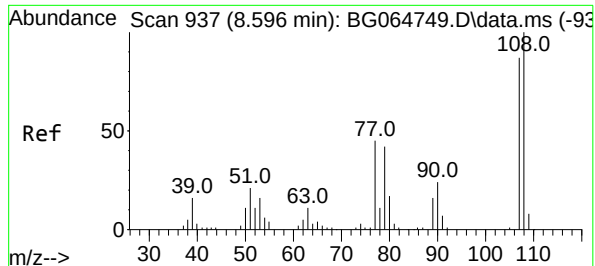
Delta R.T. -0.008 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Tgt Ion:	45	Resp:	148081
Ion Ratio	Lower	Upper	
45	100		
77	8.7	0.0	28.8
79	7.4	0.0	28.1





#17

2-Methylphenol

Concen: 32.149 ng

RT: 8.600 min Scan# 937

Delta R.T. 0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

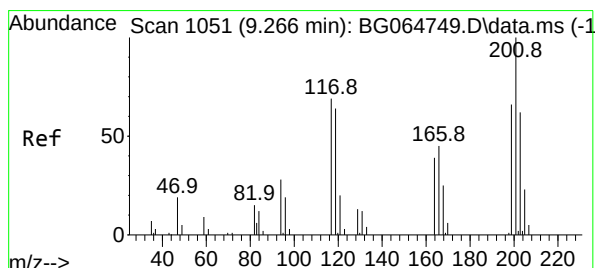
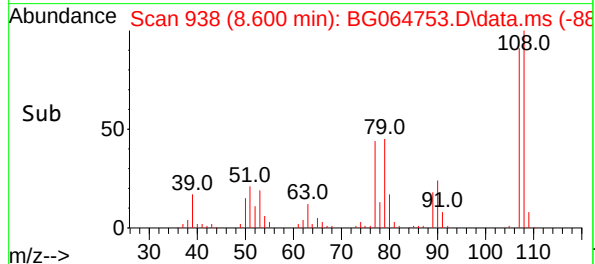
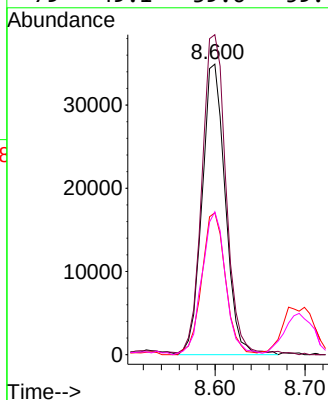
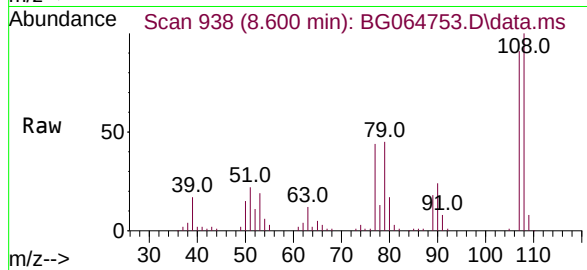
ClientSampleId :

ICVBG111225

Tgt Ion:	107	Resp:	62824
Ion Ratio	Lower	Upper	
107	100		
108	110.1	92.6	138.8
77	48.8	41.2	61.8
79	49.1	39.6	59.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 31.370 ng

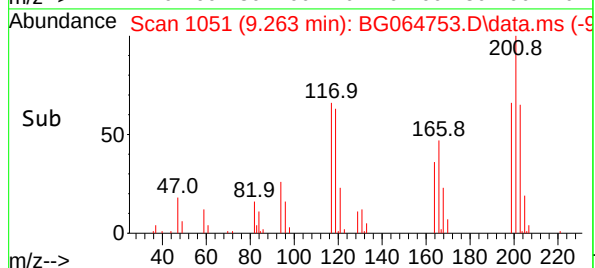
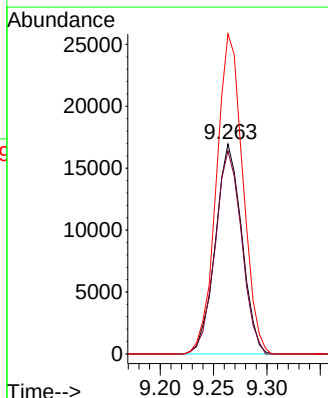
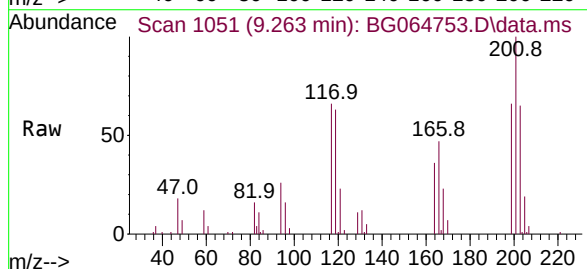
RT: 9.263 min Scan# 1051

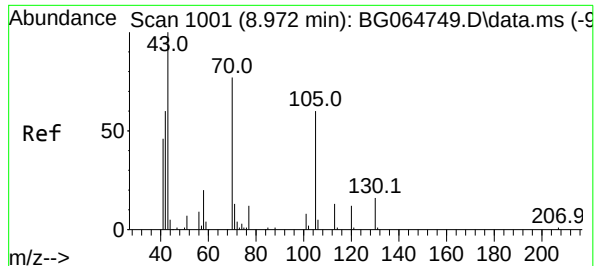
Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Tgt Ion:	117	Resp:	29173
Ion Ratio	Lower	Upper	
117	100		
119	96.7	74.4	111.6
201	152.5	116.5	174.7





#19

n-Nitroso-di-n-propylamine

Concen: 34.287 ng

RT: 8.970 min Scan# 1001

Delta R.T. -0.003 min

Lab File: BG064753.D

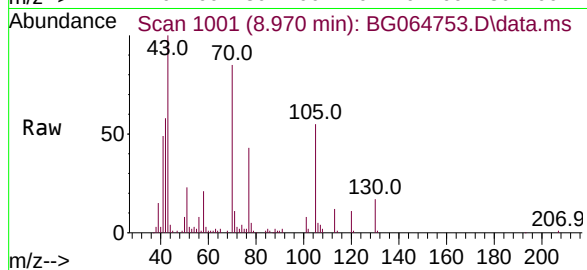
Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225



Tgt Ion: 70 Resp: 5884

Ion Ratio Lower Upper

70 100

42 68.3 62.6 93.8

101 8.8 8.0 12.0

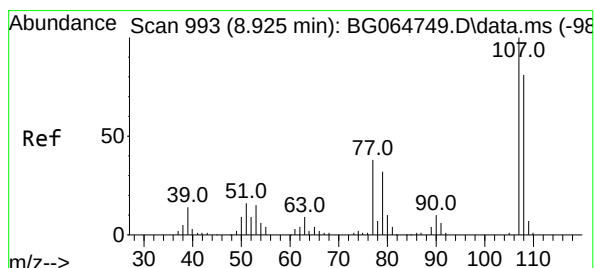
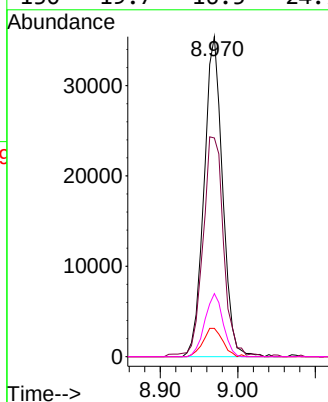
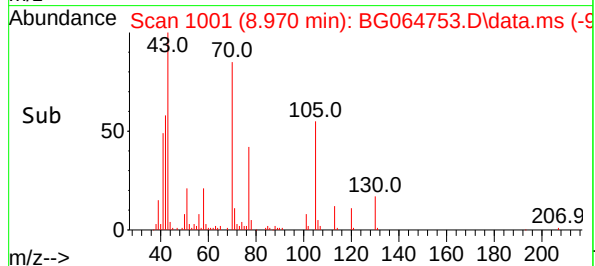
130 19.7 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

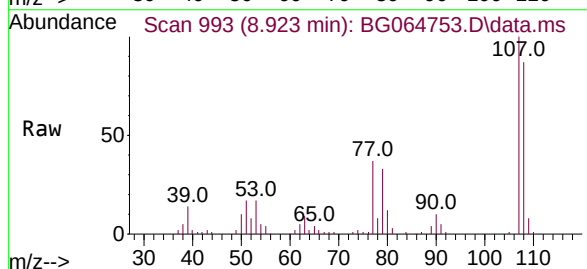
Concen: 32.235 ng

RT: 8.923 min Scan# 993

Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45



Tgt Ion:107 Resp: 86297

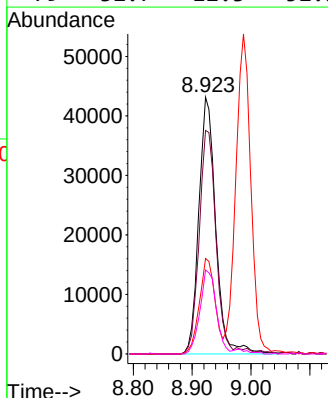
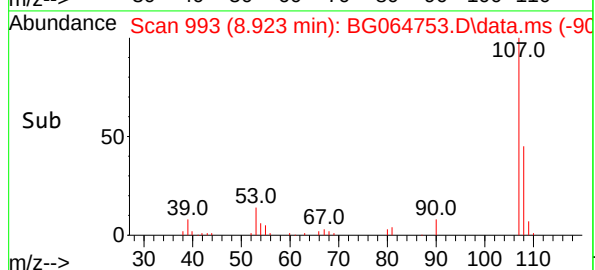
Ion Ratio Lower Upper

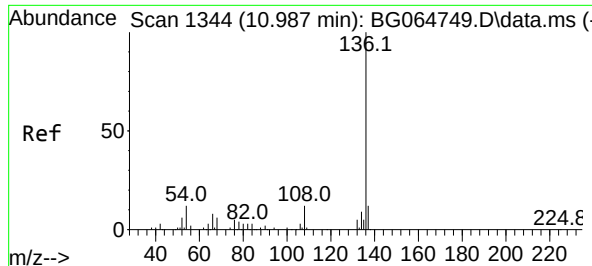
107 100

108 87.0 61.0 101.0

77 37.2 17.6 57.6

79 32.7 12.3 52.3





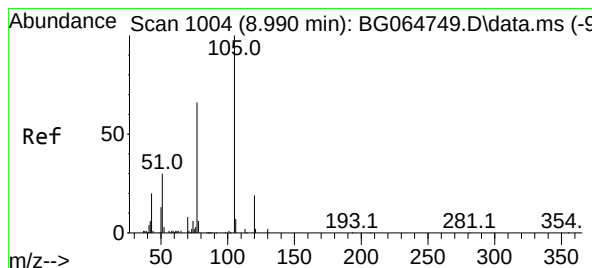
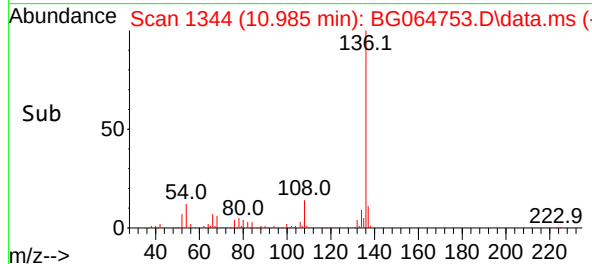
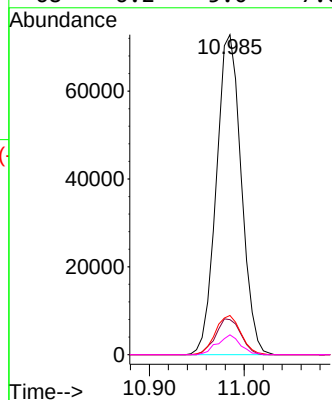
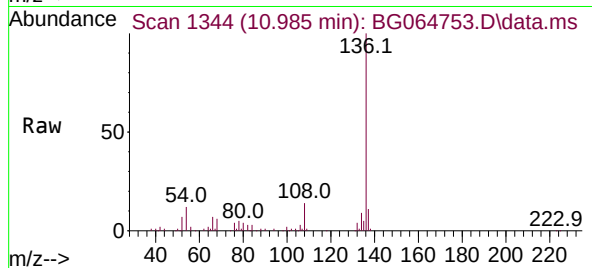
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	12.2	9.3	13.9
68	6.2	5.0	7.6

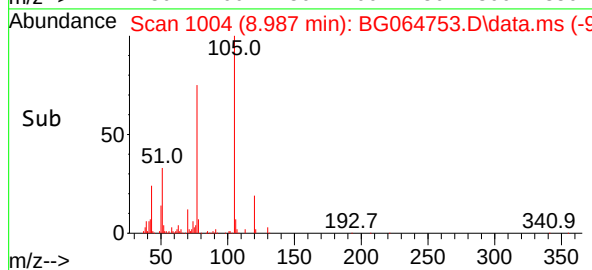
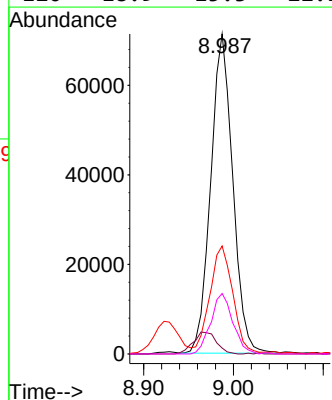
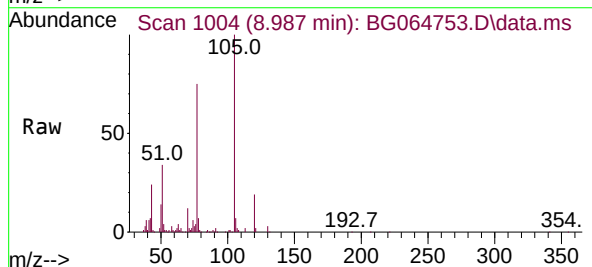
Manual Integrations
APPROVED

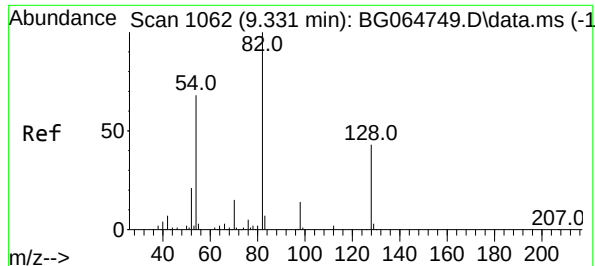
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 33.774 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.3	1.9
51	33.7	27.9	41.9
120	18.9	15.3	22.9





#23

Nitrobenzene-d5

Concen: 61.930 ng

RT: 9.328 min Scan# 1062

Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Tgt Ion: 82 Resp: 166272

Ion Ratio Lower Upper

82 100

128 42.8 34.1 51.1

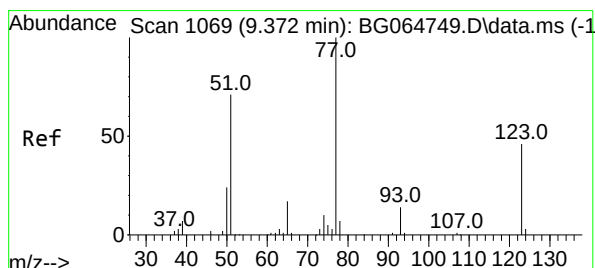
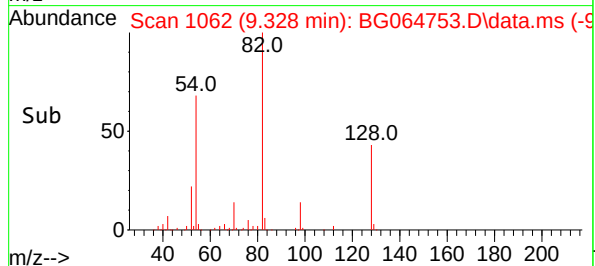
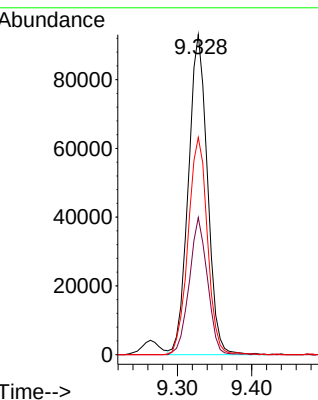
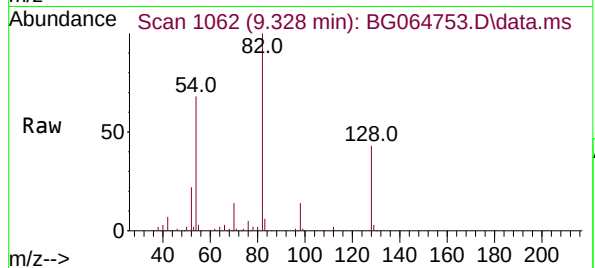
54 67.9 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 33.162 ng

RT: 9.369 min Scan# 1069

Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

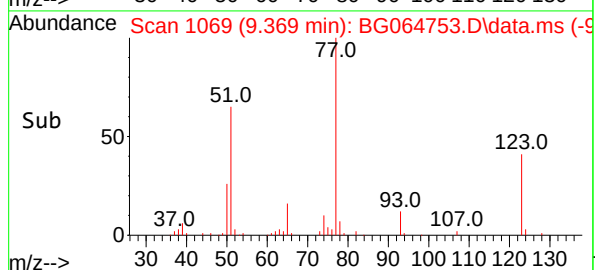
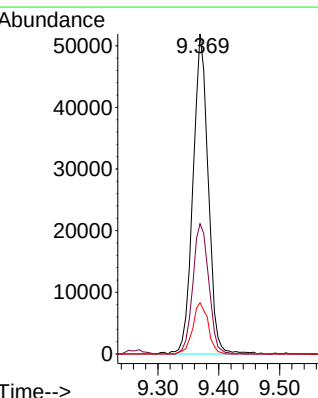
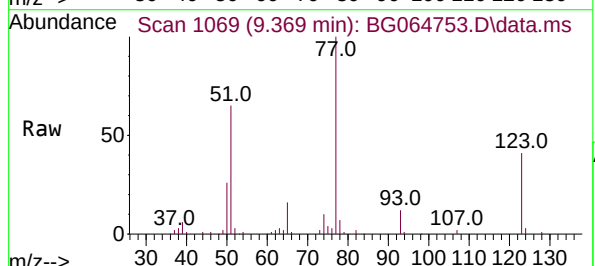
Tgt Ion: 77 Resp: 89962

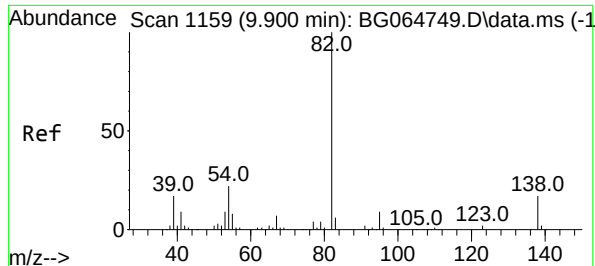
Ion Ratio Lower Upper

77 100

123 40.7 36.5 54.7

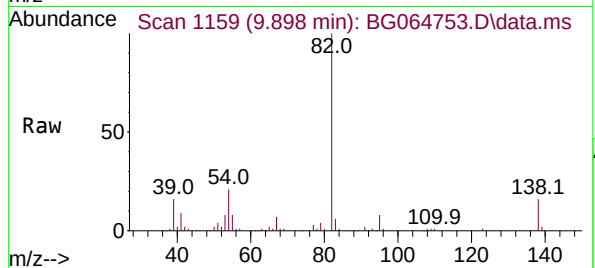
65 16.0 13.5 20.3





#25
Isophorone
Concen: 32.368 ng
RT: 9.898 min Scan# 1159
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

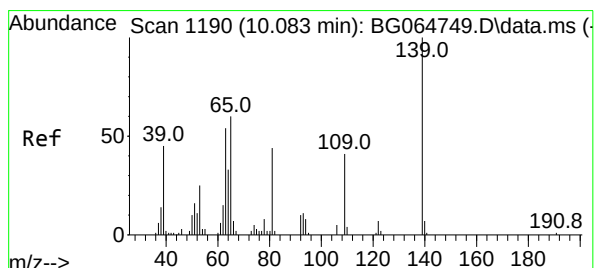
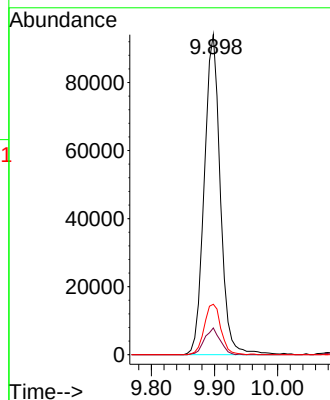
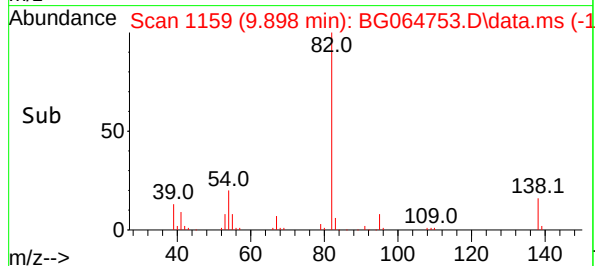
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



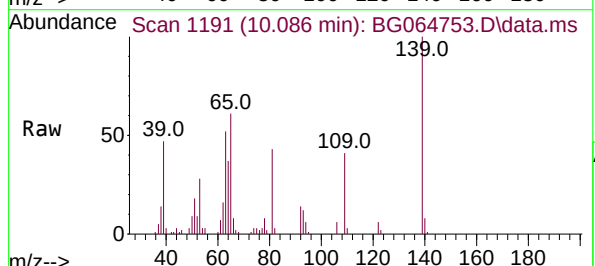
Tgt Ion: 82 Resp: 165493
Ion Ratio Lower Upper
82 100
95 8.3 6.9 10.3
138 15.7 13.9 20.9

Manual Integrations
APPROVED

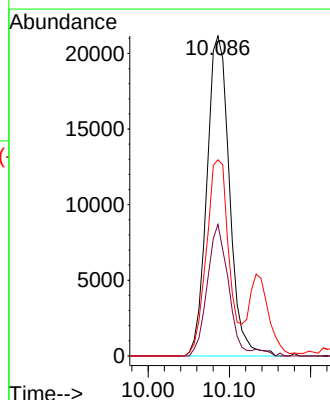
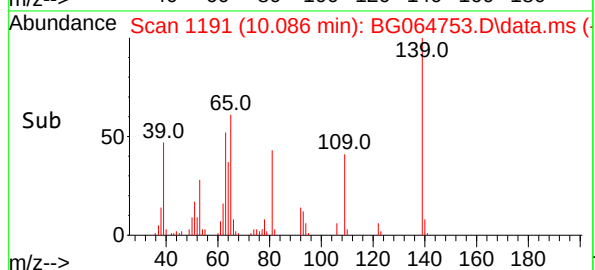
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

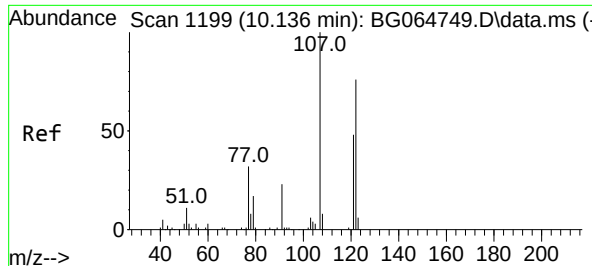


#26
2-Nitrophenol
Concen: 33.507 ng
RT: 10.086 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



Tgt Ion:139 Resp: 40886
Ion Ratio Lower Upper
139 100
109 41.1 32.5 48.7
65 61.3 47.6 71.4





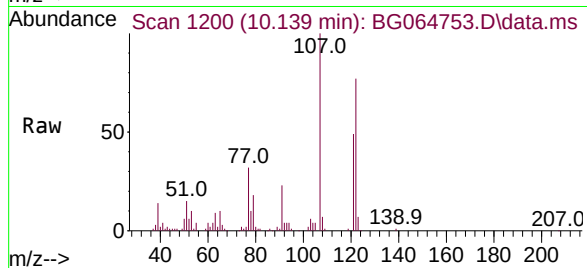
#27
2,4-Dimethylphenol
Concen: 31.650 ng
RT: 10.139 min Scan# 1199
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

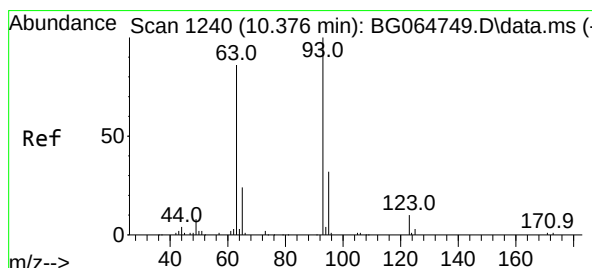
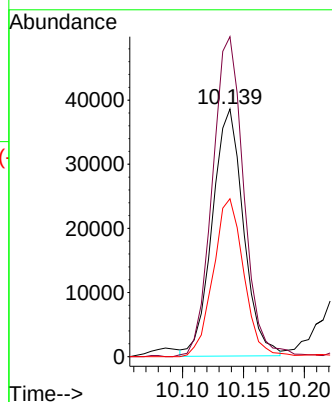
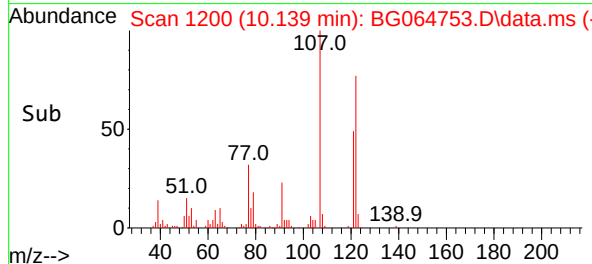


Tgt Ion:122 Resp: 68610
Ion Ratio Lower Upper
122 100
107 129.3 102.5 153.7
121 63.8 49.0 73.6

Manual Integrations

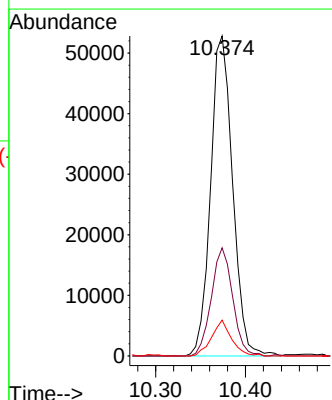
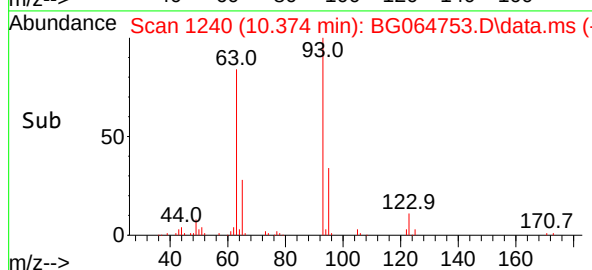
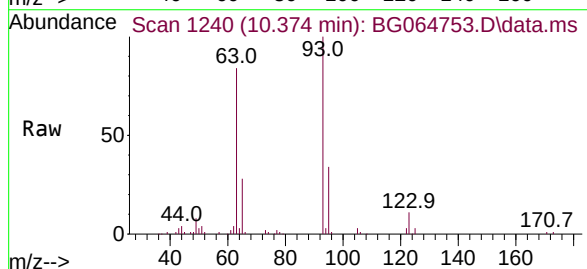
APPROVED

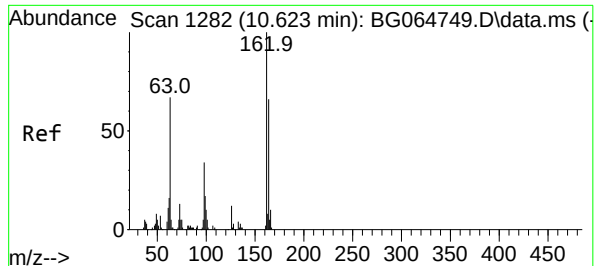
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 32.150 ng
RT: 10.374 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

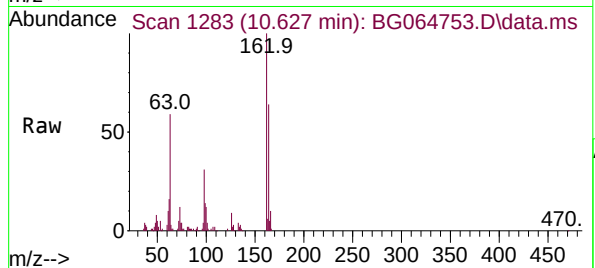
Tgt Ion: 93 Resp: 90243
Ion Ratio Lower Upper
93 100
95 33.8 25.4 38.2
123 11.2 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 33.040 ng
RT: 10.627 min Scan# 1282
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

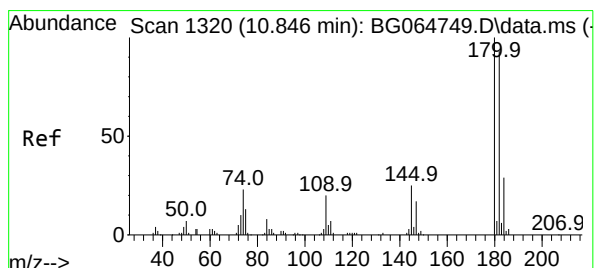
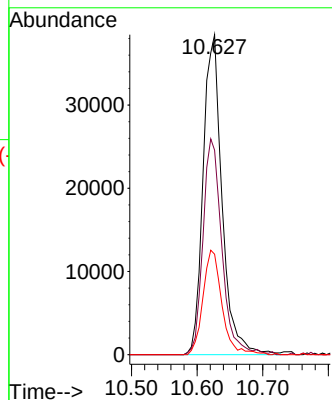
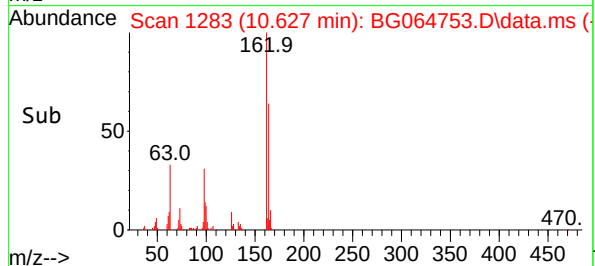
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



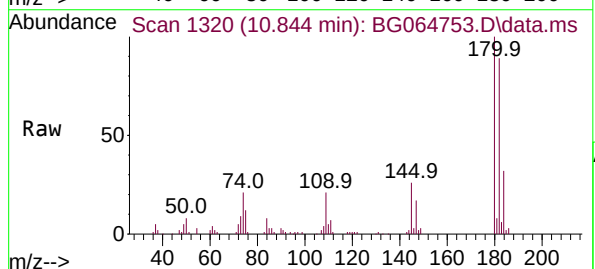
Tgt Ion:162 Resp: 76896
Ion Ratio Lower Upper
162 100
164 63.9 46.0 86.0
98 31.4 14.2 54.2

Manual Integrations
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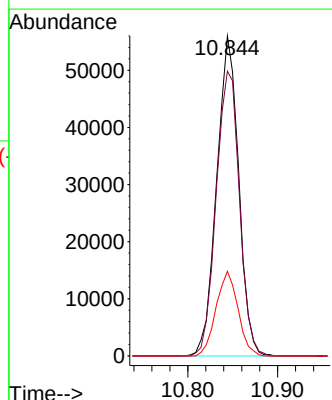
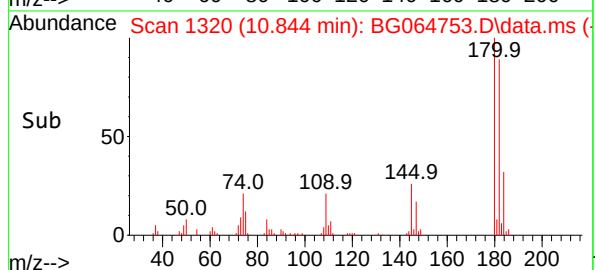
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

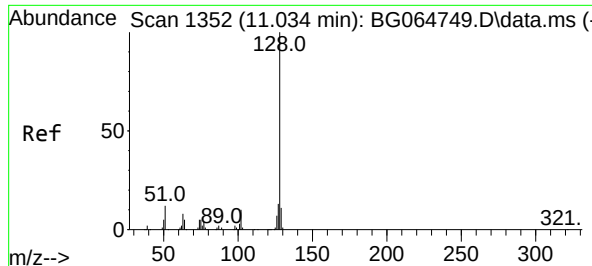


#30
1,2,4-Trichlorobenzene
Concen: 33.988 ng
RT: 10.844 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



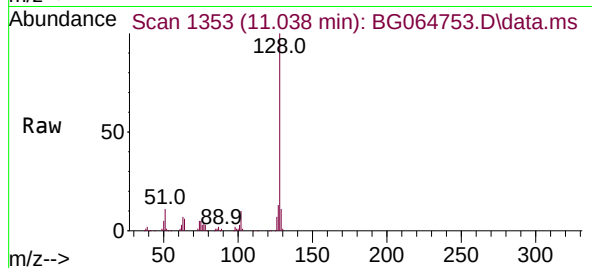
Tgt Ion:180 Resp: 95519
Ion Ratio Lower Upper
180 100
182 89.0 74.2 111.4
145 26.4 20.0 30.0





#31
Naphthalene
Concen: 31.383 ng
RT: 11.038 min Scan# 1352
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

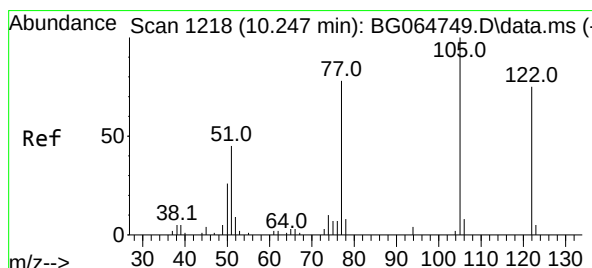
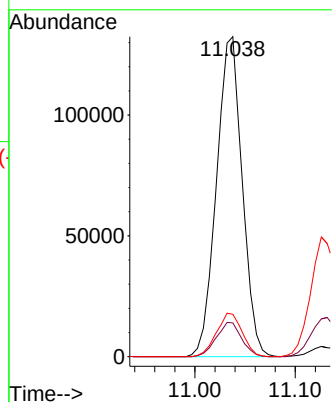
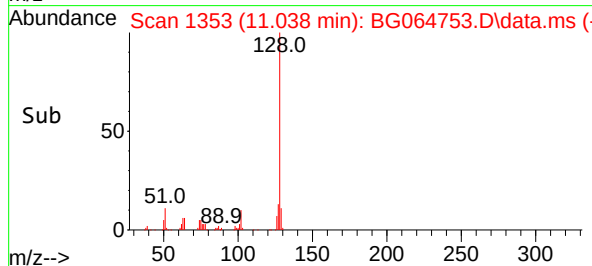
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:128 Resp: 236163
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.2 10.6 16.0

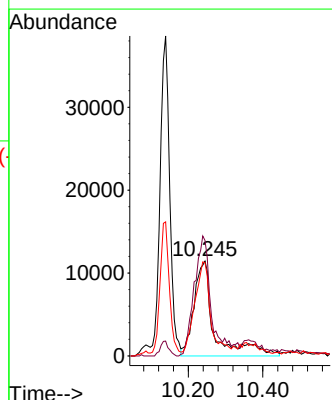
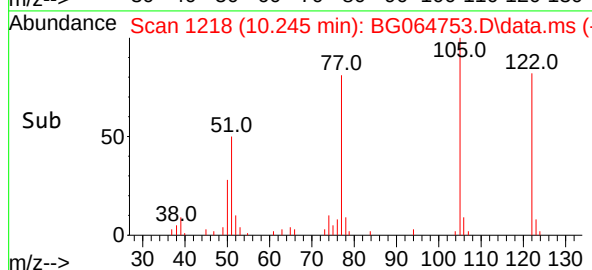
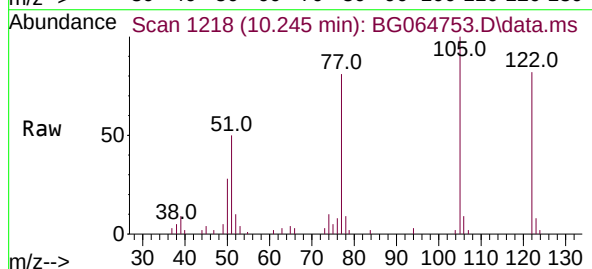
Manual Integrations
APPROVED

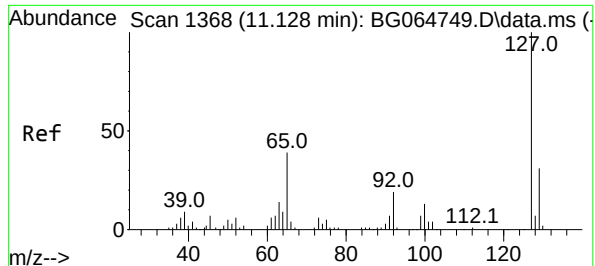
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 30.681 ng m
RT: 10.245 min Scan# 1218
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:122 Resp: 43241
Ion Ratio Lower Upper
122 100
105 121.7 107.6 147.6
77 98.4 82.5 122.5





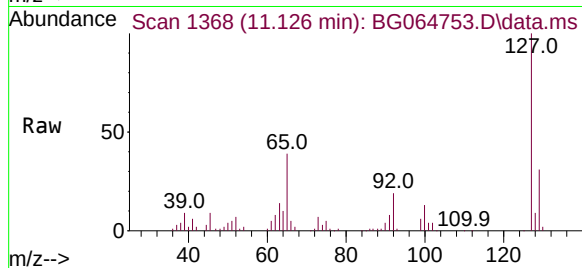
#33
4-Chloroaniline
Concen: 33.639 ng
RT: 11.126 min Scan# 1368
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

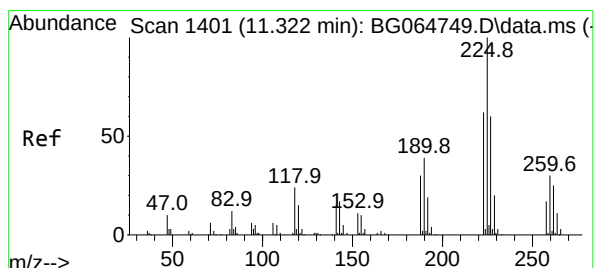
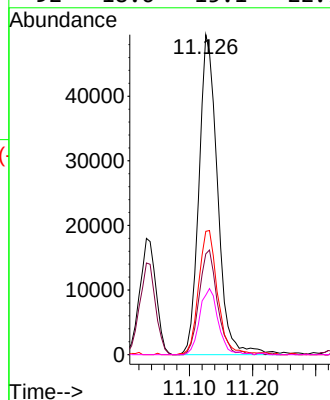
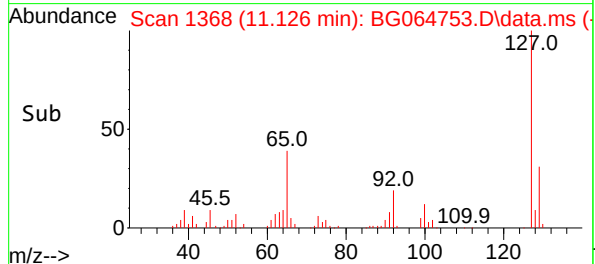
ICVBG111225



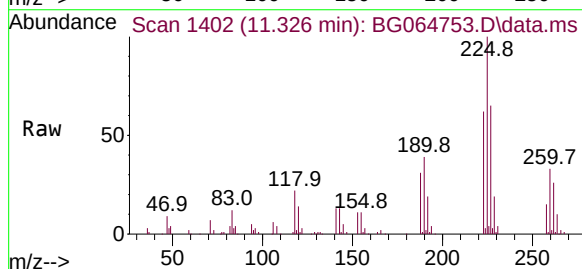
Tgt Ion:127 Resp: 101262
Ion Ratio Lower Upper
127 100
129 31.5 24.9 37.3
65 38.5 30.9 46.3
92 18.6 15.1 22.7

Manual Integrations
APPROVED

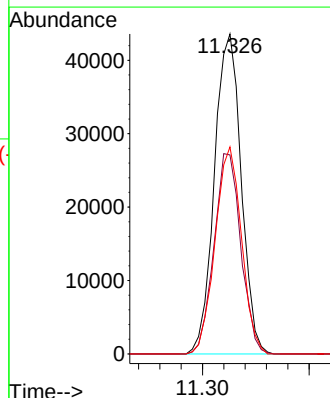
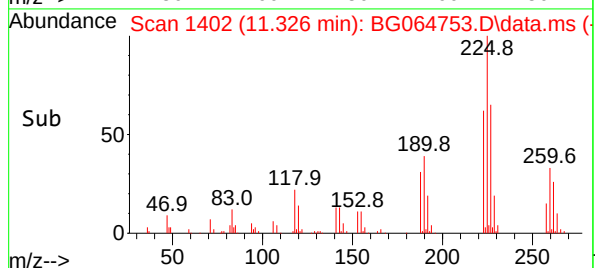
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

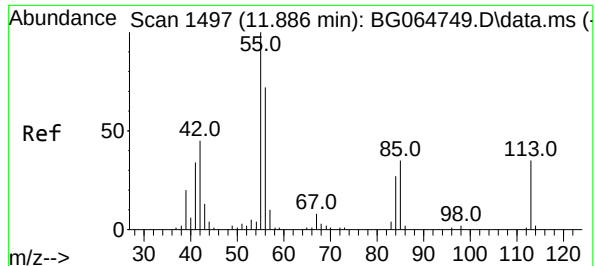


#34
Hexachlorobutadiene
Concen: 31.513 ng
RT: 11.326 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



Tgt Ion:225 Resp: 75988
Ion Ratio Lower Upper
225 100
223 59.6 49.9 74.9
227 62.0 50.6 75.8





#35

Caprolactam

Concen: 32.854 ng

RT: 11.884 min Scan# 1497

Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Tgt Ion:113 Resp: 22870

Ion Ratio Lower Upper

113 100

55 269.5 263.7 303.7

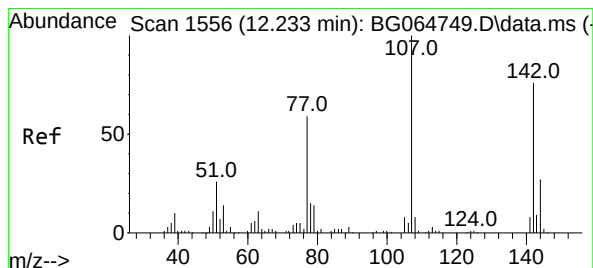
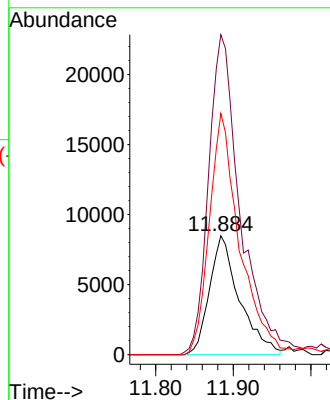
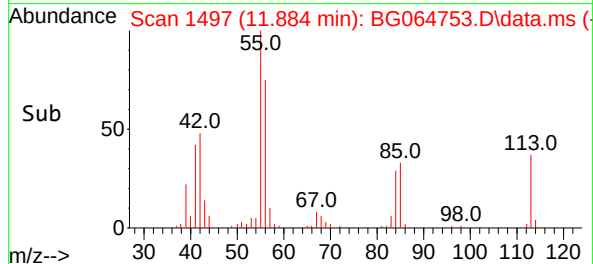
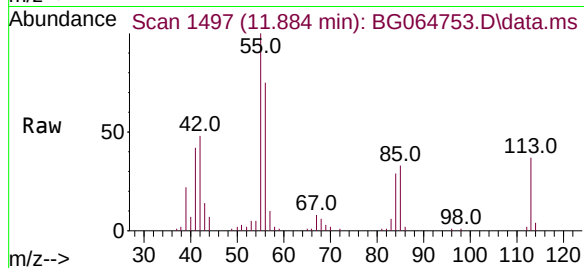
56 203.1 184.0 224.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#36

4-Chloro-3-methylphenol

Concen: 32.195 ng

RT: 12.236 min Scan# 1557

Delta R.T. 0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

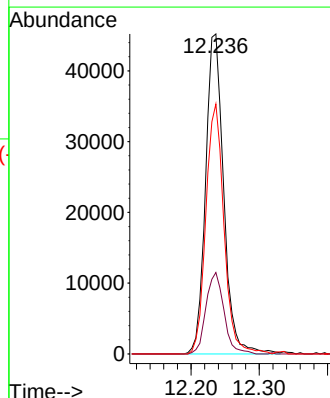
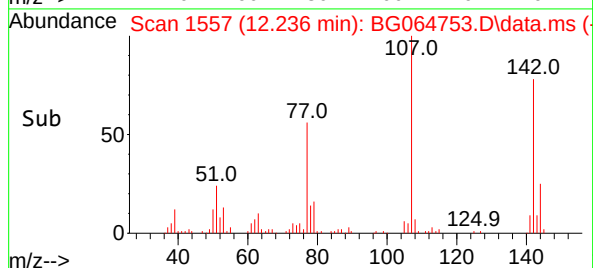
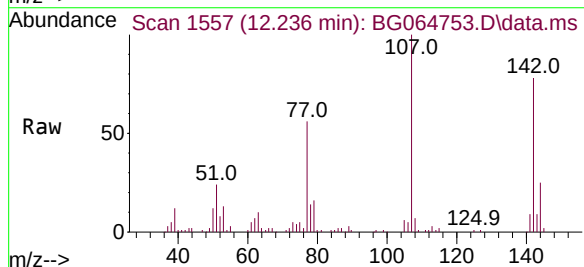
Tgt Ion:107 Resp: 83400

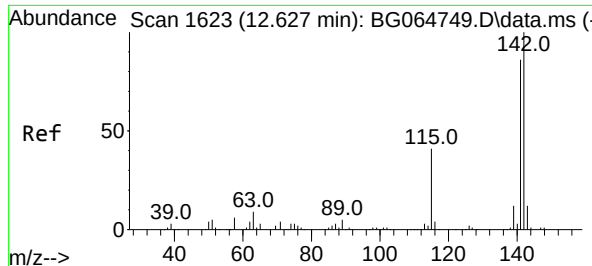
Ion Ratio Lower Upper

107 100

144 25.4 21.7 32.5

142 78.1 60.8 91.2





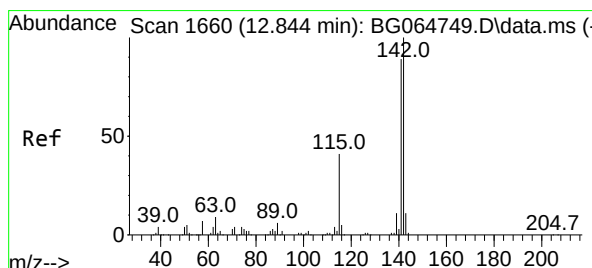
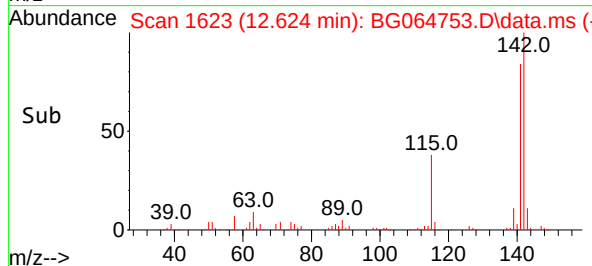
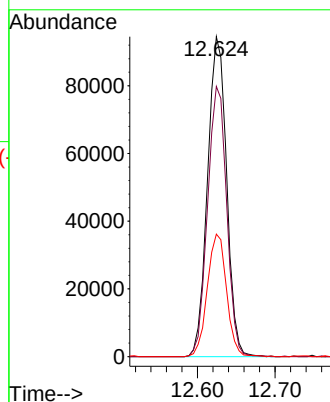
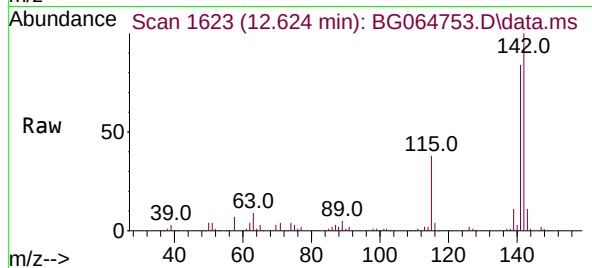
#37
2-Methylnaphthalene
Concen: 28.612 ng
RT: 12.624 min Scan# 16112
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Tgt Ion:142 Resp: 16112
Ion Ratio Lower Upper
142 100
141 84.4 69.1 103.7
115 38.3 32.9 49.3

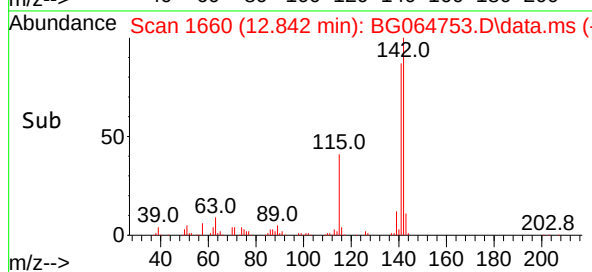
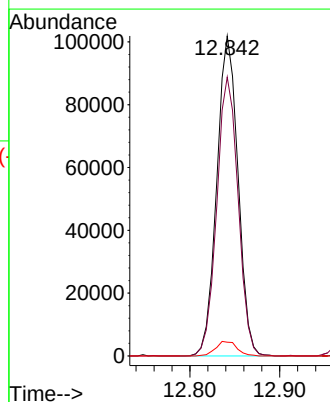
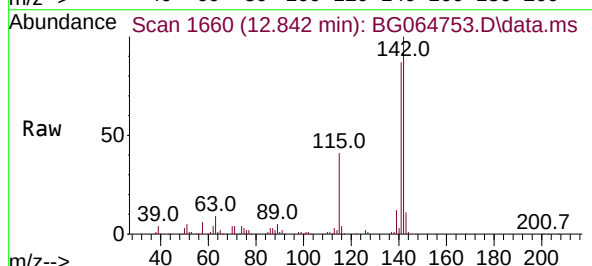
Manual Integrations
APPROVED

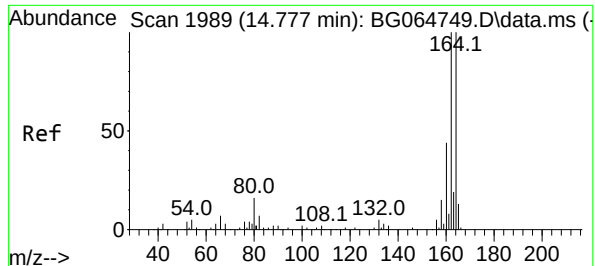
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 30.038 ng
RT: 12.842 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:142 Resp: 168025
Ion Ratio Lower Upper
142 100
141 87.1 70.8 106.2
116 4.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

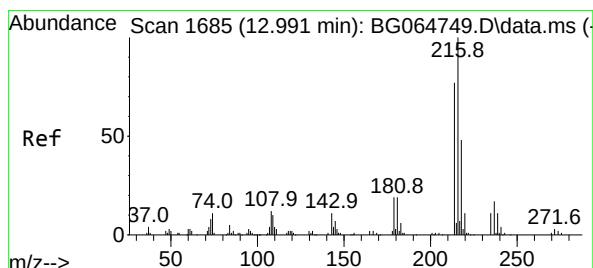
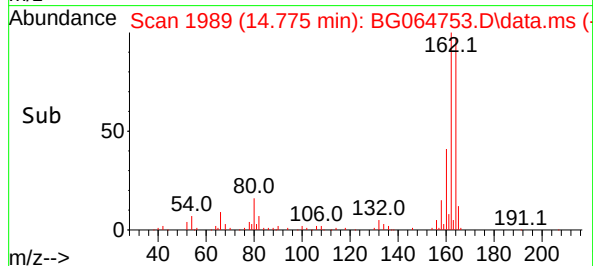
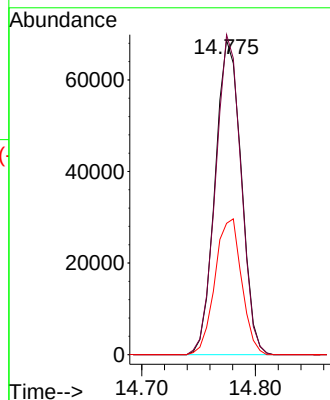
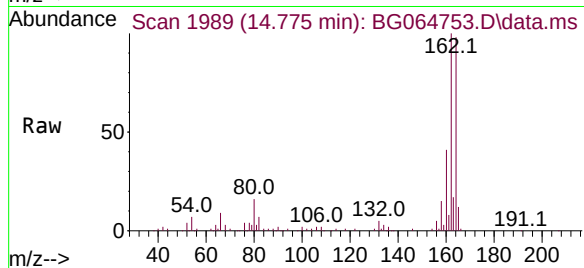
ClientSampleId :

ICVBG111225

Tgt Ion:164 Resp: 109409
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.6
160 41.7 34.9 52.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 31.686 ng

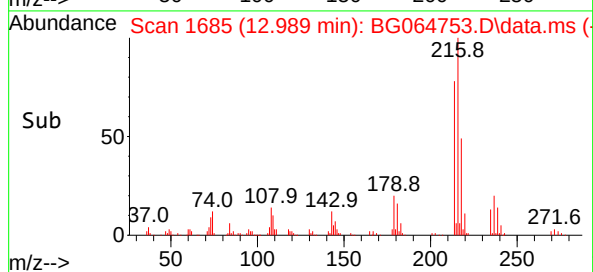
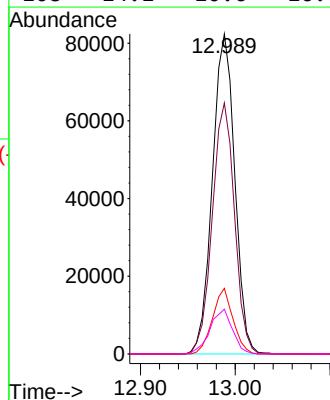
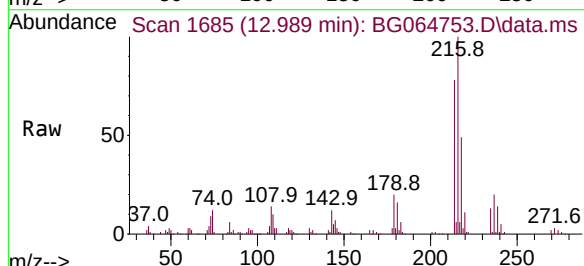
RT: 12.989 min Scan# 1685

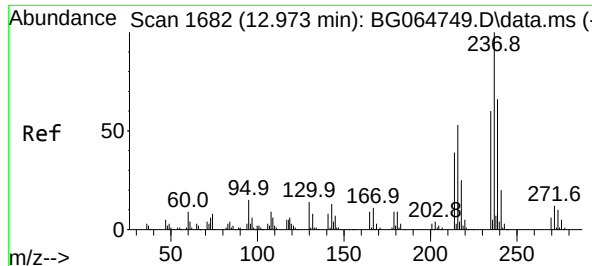
Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

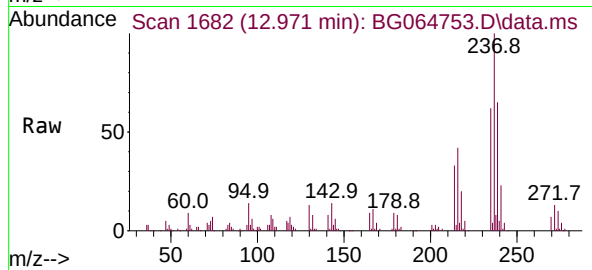
Tgt Ion:216 Resp: 134917
Ion Ratio Lower Upper
216 100
214 77.8 60.5 90.7
179 18.8 14.7 22.1
108 14.1 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 30.647 ng
RT: 12.971 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

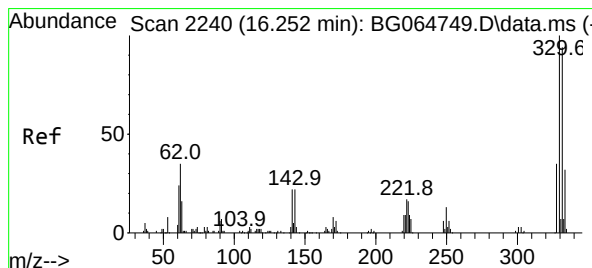
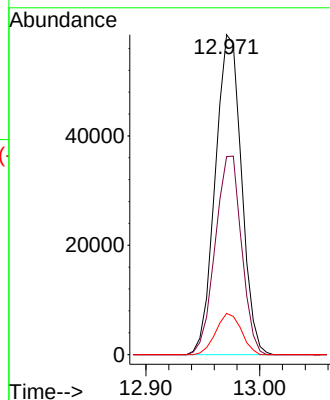
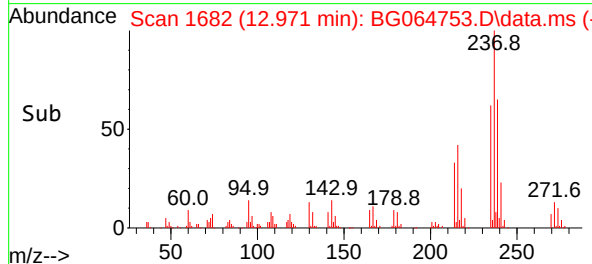
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



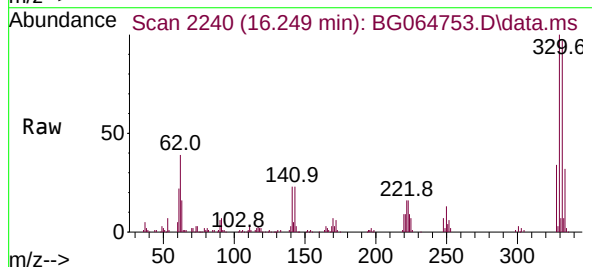
Tgt Ion: 237 Resp: 93533
Ion Ratio Lower Upper
237 100
235 61.9 40.2 80.2
272 12.9 0.0 31.9

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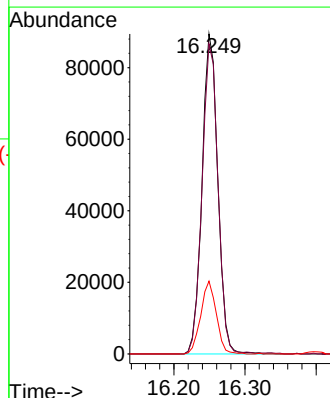
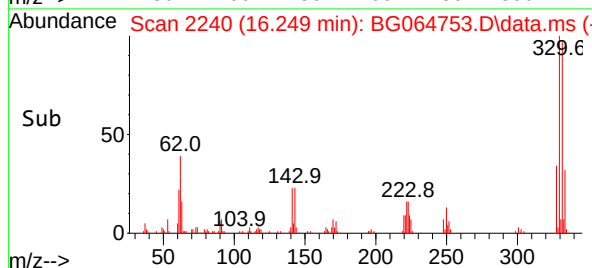
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

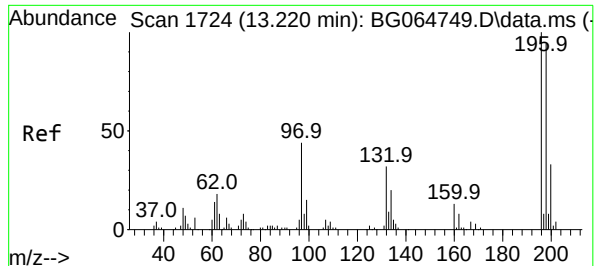


#42
2,4,6-Tribromophenol
Concen: 64.162 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



Tgt Ion: 330 Resp: 136910
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 22.4 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 32.039 ng

RT: 13.218 min Scan# 1724

Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

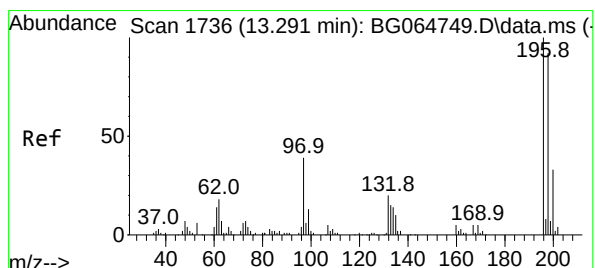
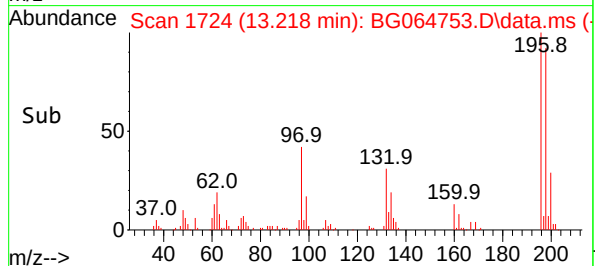
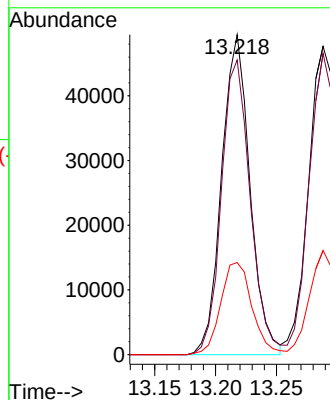
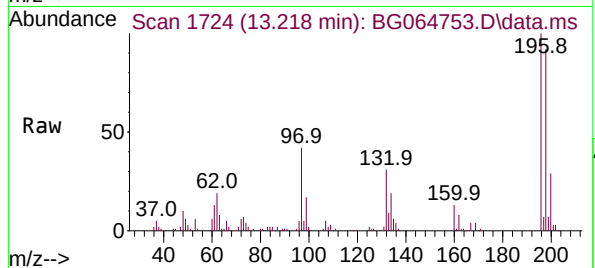
ICVBG111225

Tgt Ion:	196	Resp:	8006
Ion Ratio	Lower	Upper	
196	100		
198	92.1	75.3	112.9
200	28.8	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#44

2,4,5-Trichlorophenol

Concen: 31.528 ng

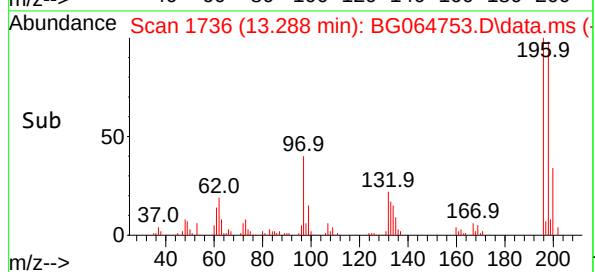
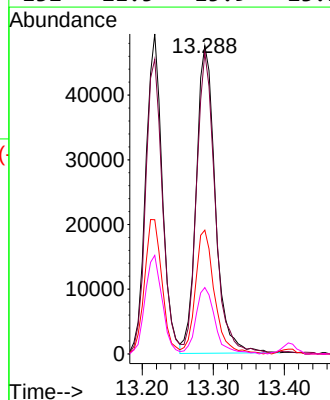
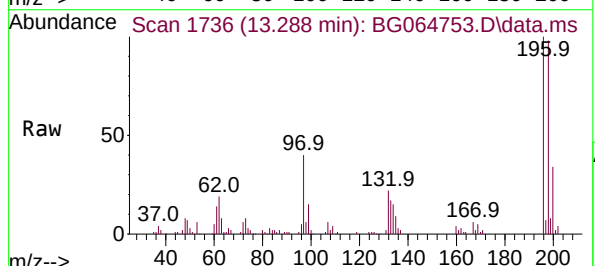
RT: 13.288 min Scan# 1736

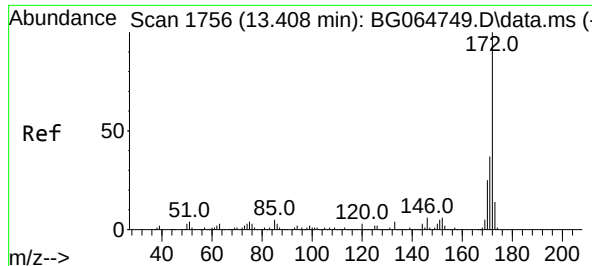
Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Tgt Ion:	196	Resp:	88366
Ion Ratio	Lower	Upper	
196	100		
198	97.7	73.2	109.8
97	40.2	31.4	47.0
132	21.5	15.9	23.9





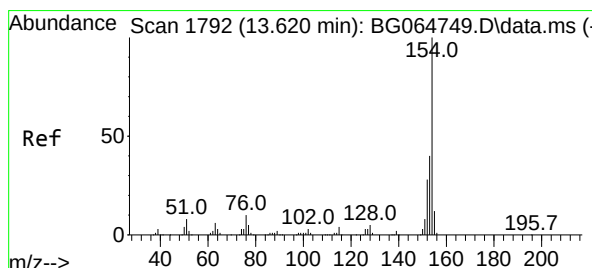
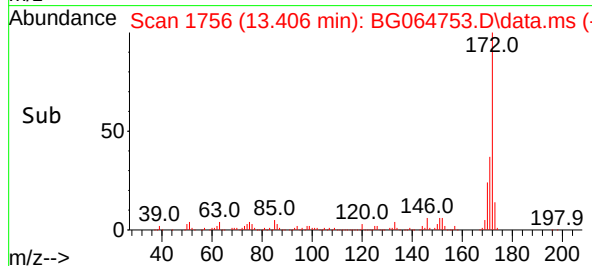
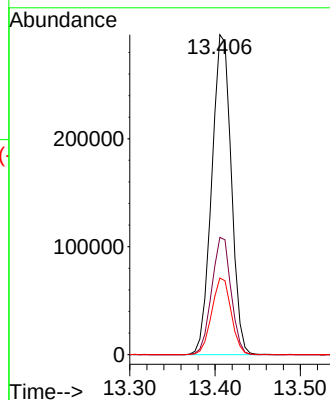
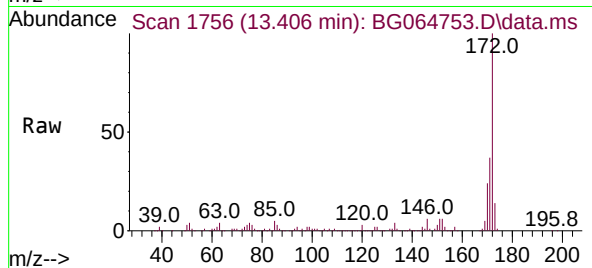
#45
2-Fluorobiphenyl
Concen: 59.990 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Tgt Ion:172 Resp: 470384
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 23.9 19.8 29.6

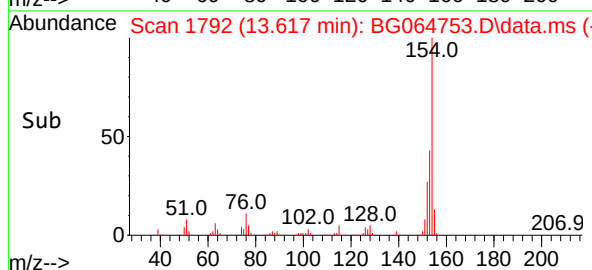
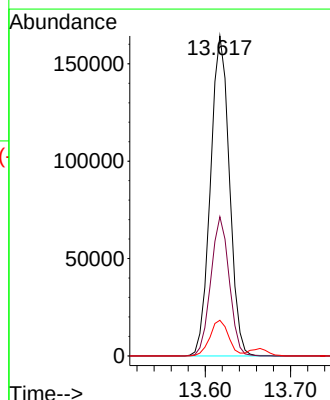
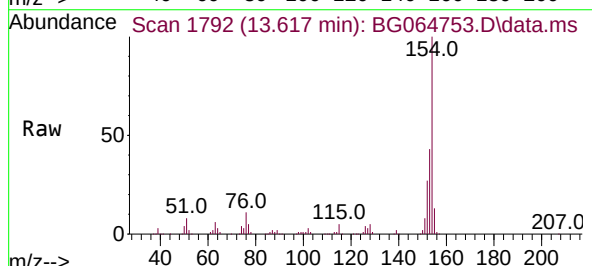
Manual Integrations
APPROVED

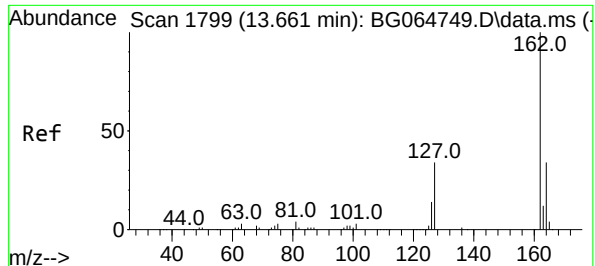
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#46
1,1'-Biphenyl
Concen: 32.265 ng
RT: 13.617 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:154 Resp: 253543
Ion Ratio Lower Upper
154 100
153 43.5 19.8 59.8
76 11.1 0.0 30.0





#47

2-Chloronaphthalene

Concen: 31.173 ng

RT: 13.664 min Scan# 1800

Delta R.T. 0.003 min

Lab File: BG064753.D

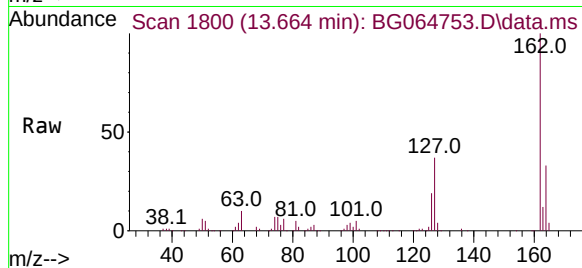
Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

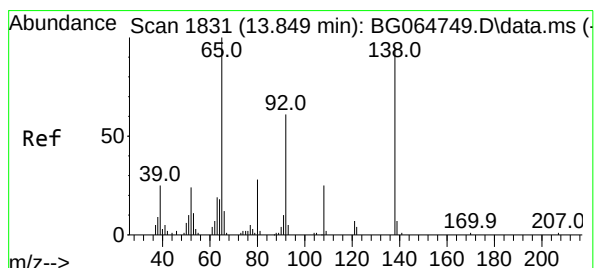
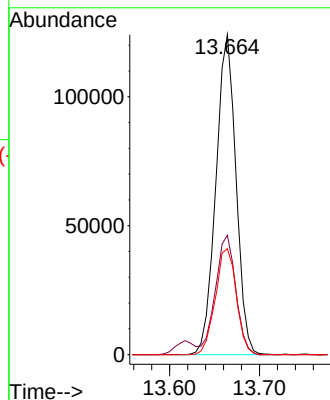
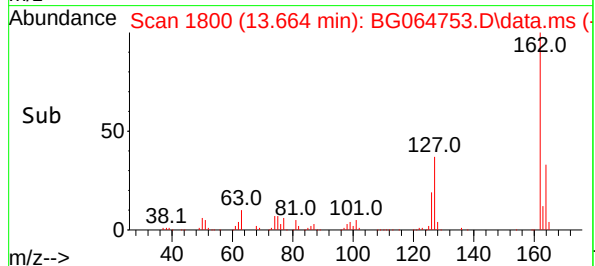
ICVBG111225



Tgt Ion:	162	Resp:	192989
Ion Ratio	Lower	Upper	
162	100		
127	37.4	30.3	45.5
164	33.1	26.8	40.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

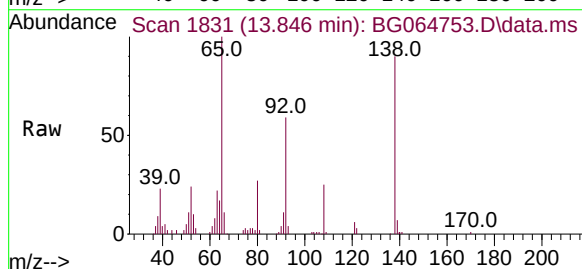
Concen: 33.514 ng

RT: 13.846 min Scan# 1831

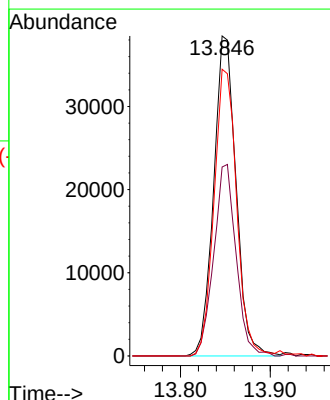
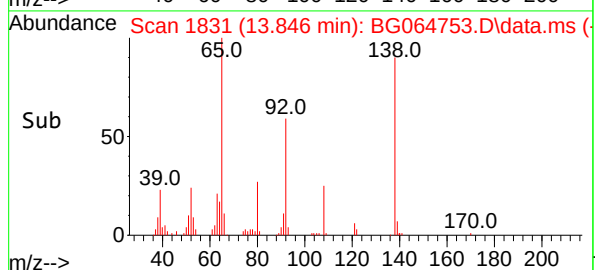
Delta R.T. -0.003 min

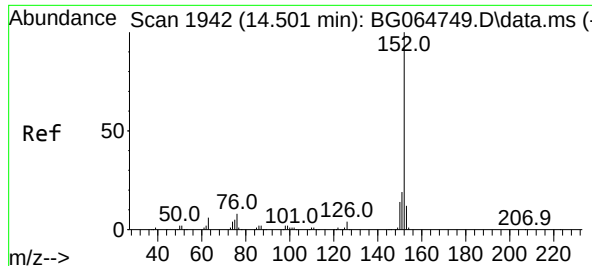
Lab File: BG064753.D

Acq: 12 Nov 2025 16:45



Tgt Ion:	65	Resp:	66734
Ion Ratio	Lower	Upper	
65	100		
92	59.0	48.6	73.0
138	89.6	76.4	114.6





#49

Acenaphthylene

Concen: 31.779 ng

RT: 14.504 min Scan# 1942

Delta R.T. 0.003 min

Lab File: BG064753.D

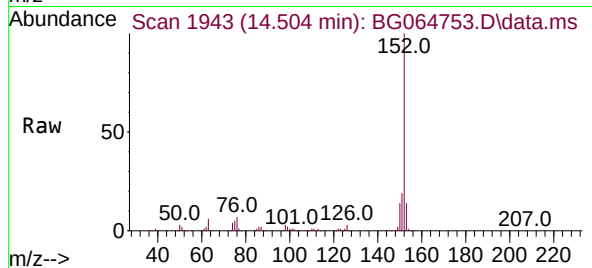
Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

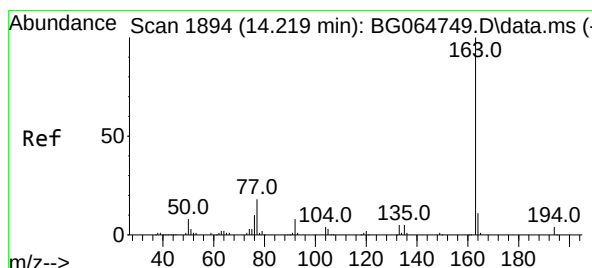
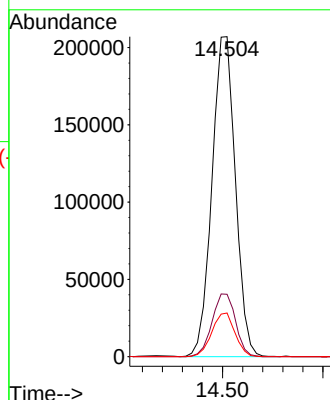
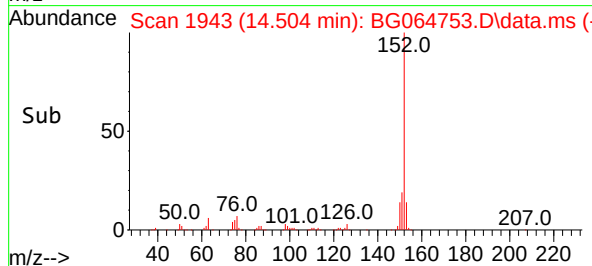


Tgt Ion:	152	Resp:	336105
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.0	22.4
153	13.6	9.9	14.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

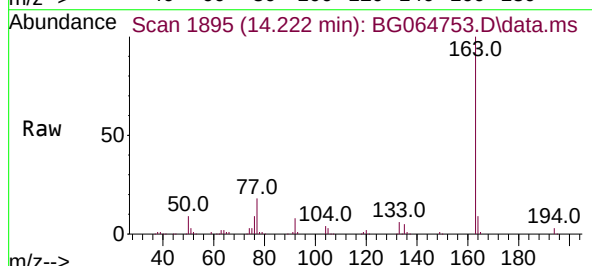
Concen: 31.689 ng

RT: 14.222 min Scan# 1895

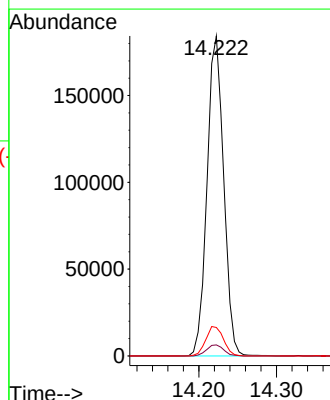
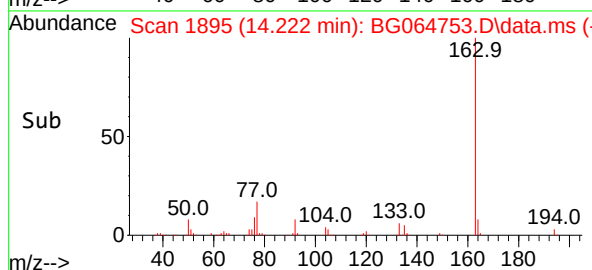
Delta R.T. 0.003 min

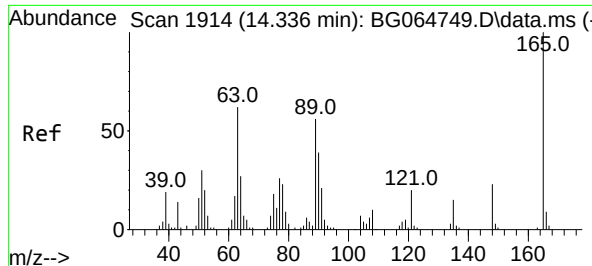
Lab File: BG064753.D

Acq: 12 Nov 2025 16:45



Tgt Ion:	163	Resp:	273873
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.1	4.7
164	8.9	8.6	12.8





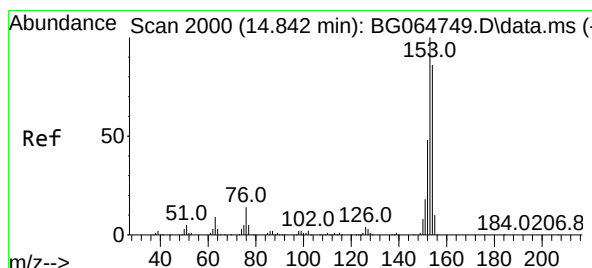
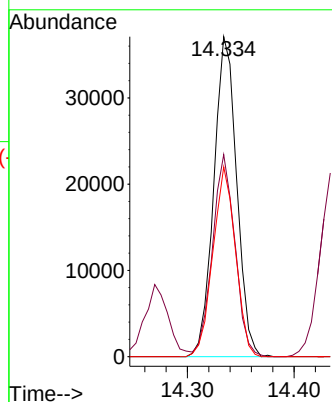
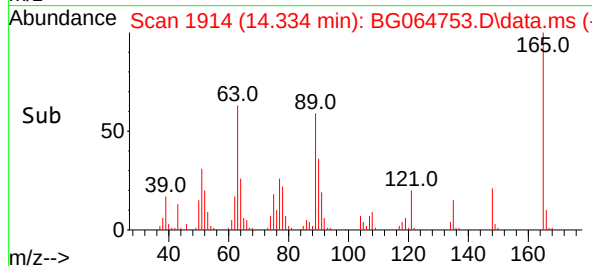
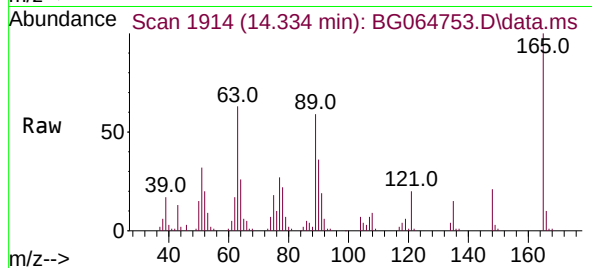
#51
2,6-Dinitrotoluene
Concen: 33.291 ng
RT: 14.334 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Tgt Ion:165 Resp: 55364
Ion Ratio Lower Upper
165 100
63 63.1 49.8 74.8
89 59.3 45.0 67.4

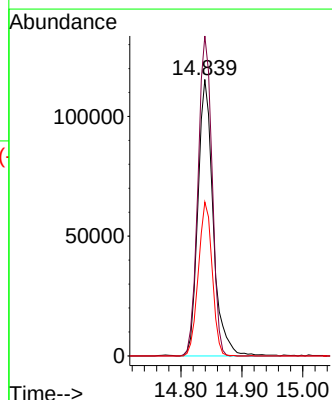
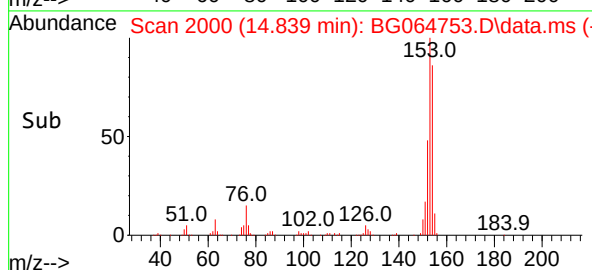
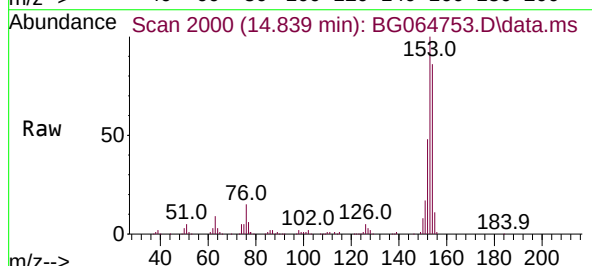
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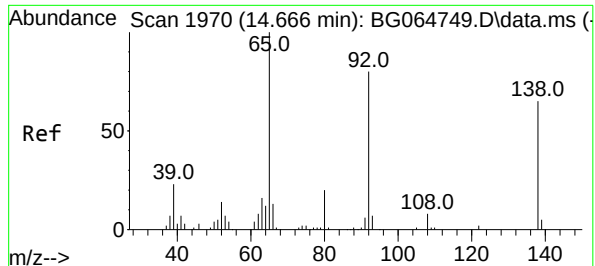
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#52
Acenaphthene
Concen: 31.693 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:154 Resp: 200981
Ion Ratio Lower Upper
154 100
153 115.8 93.0 139.4
152 55.6 44.4 66.6





#53

3-Nitroaniline

Concen: 33.908 ng

RT: 14.663 min Scan# 1970

Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

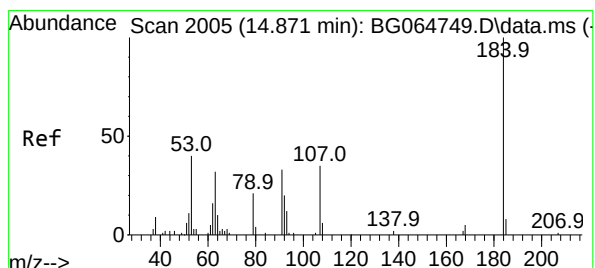
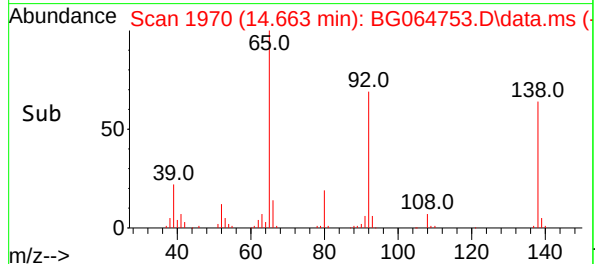
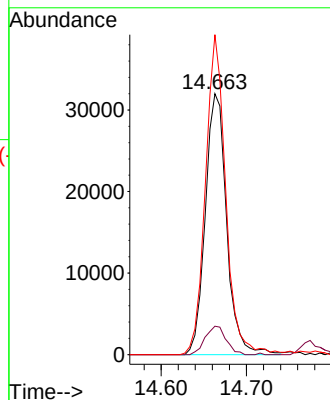
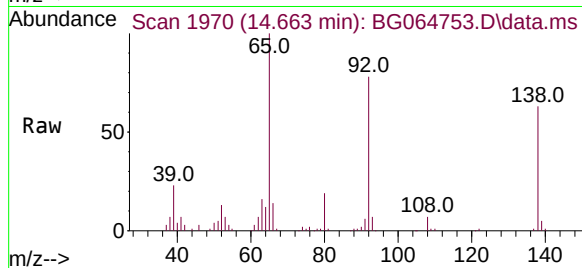
ClientSampleId :

ICVBG111225

Tgt Ion:	138	Resp:	55656
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.5	14.3
92	122.7	99.0	148.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54

2,4-Dinitrophenol

Concen: 32.871 ng

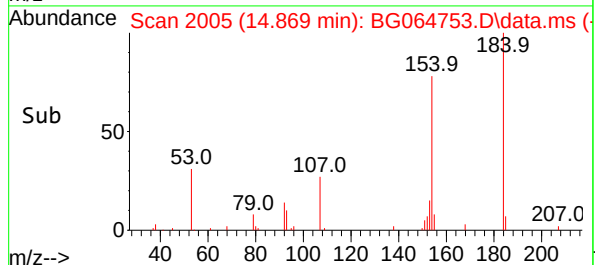
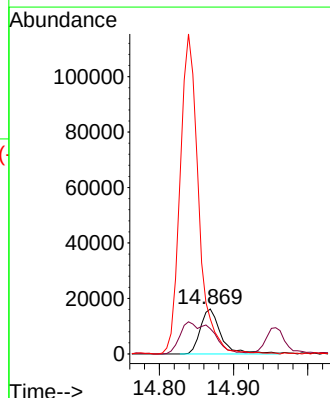
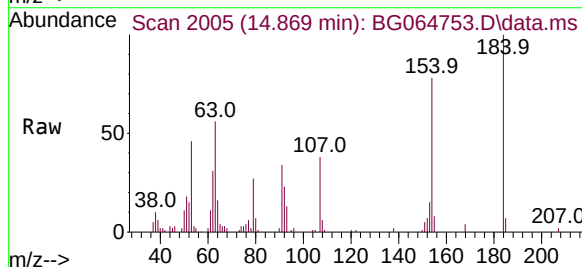
RT: 14.869 min Scan# 2005

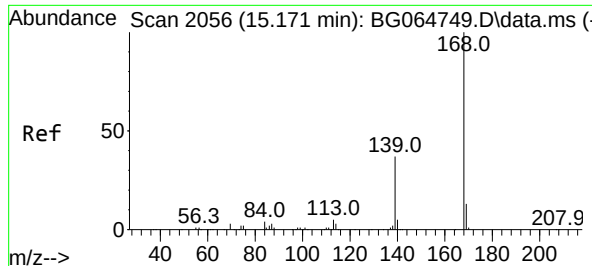
Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

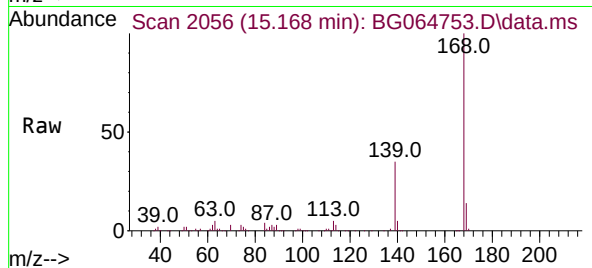
Tgt Ion:	184	Resp:	30993
Ion Ratio	Lower	Upper	
184	100		
63	56.3	45.8	68.6
154	77.9	52.6	78.8





#55
Dibenzofuran
Concen: 31.341 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

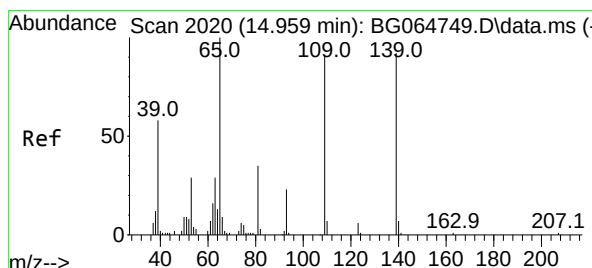
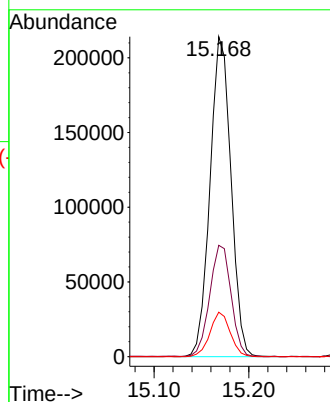
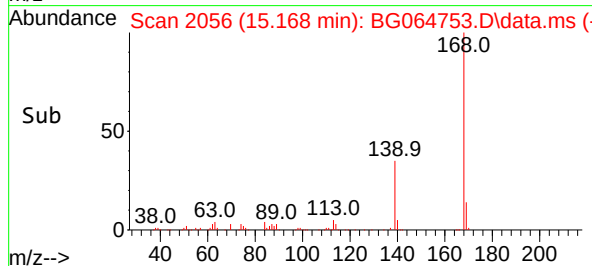
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:168 Resp: 328578
Ion Ratio Lower Upper
168 100
139 34.8 29.5 44.3
169 13.9 10.4 15.6

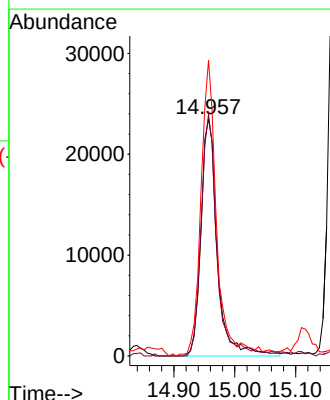
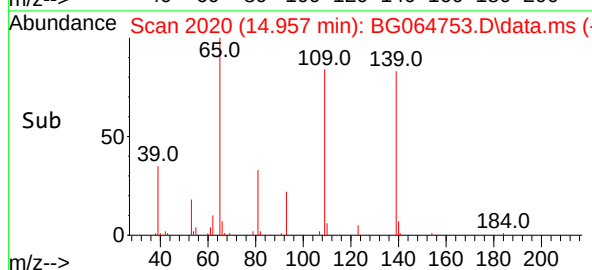
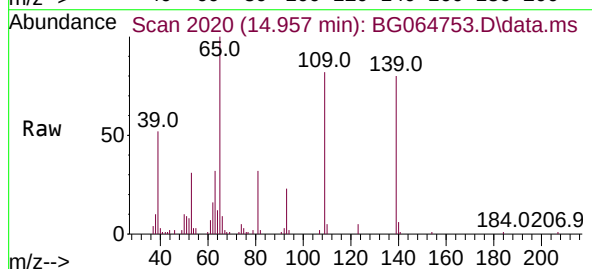
Manual Integrations
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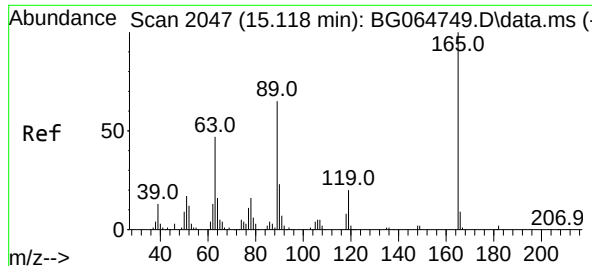
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 33.387 ng
RT: 14.957 min Scan# 2020
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:139 Resp: 43480
Ion Ratio Lower Upper
139 100
109 102.0 79.7 119.7
65 124.7 89.9 129.9





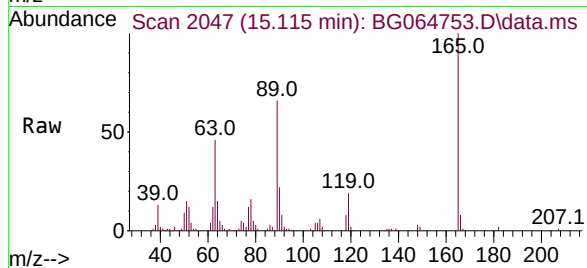
#57
2,4-Dinitrotoluene
Concen: 33.468 ng
RT: 15.115 min Scan# 2047
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

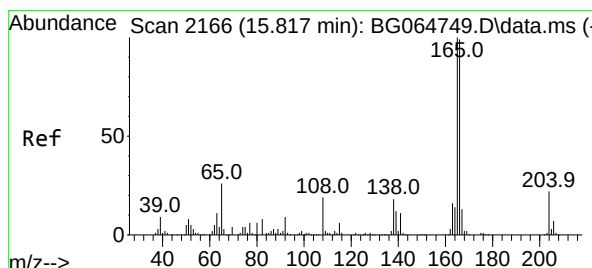
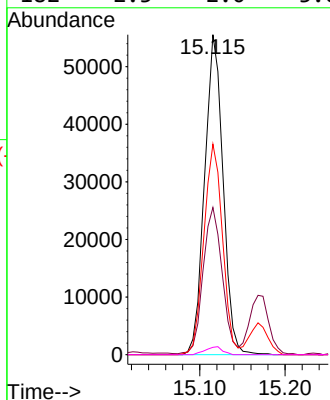
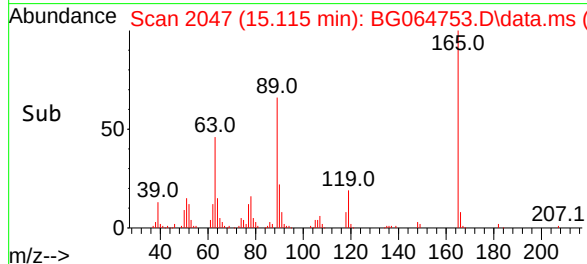
ICVBG111225



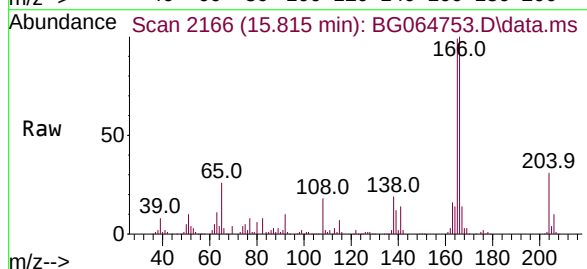
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.0	37.8	56.6
89	65.8	51.6	77.4
182	2.3	2.0	3.0

Manual Integrations
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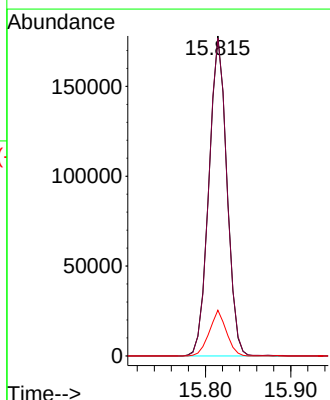
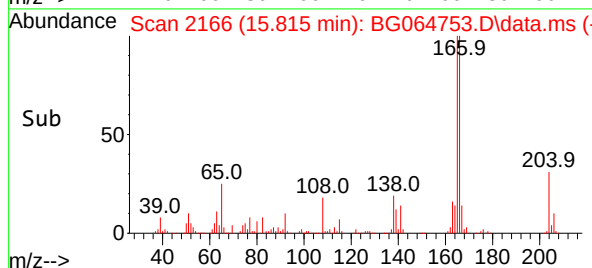
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

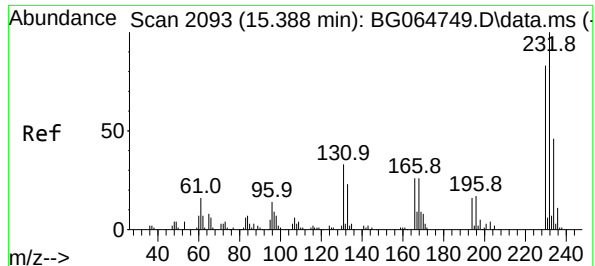


#58
Fluorene
Concen: 31.633 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



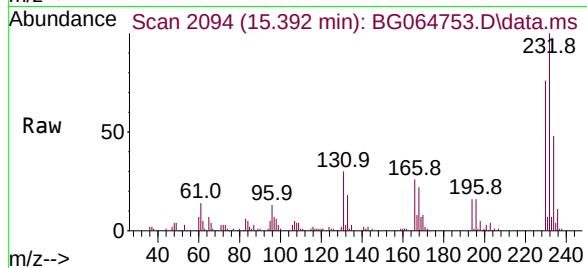
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.5	120.7
167	14.3	10.3	15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.475 ng
RT: 15.392 min Scan# 2093
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

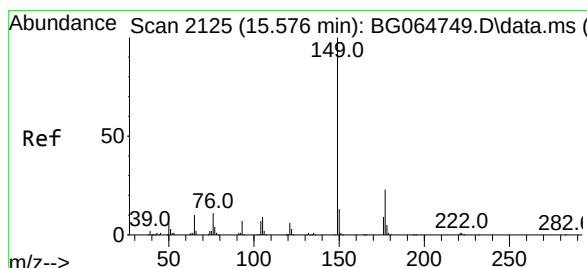
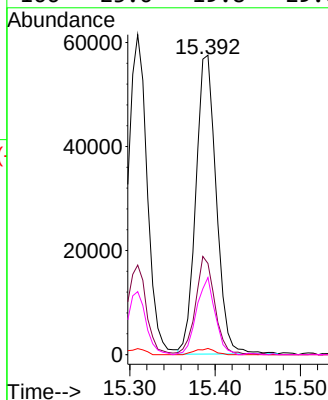
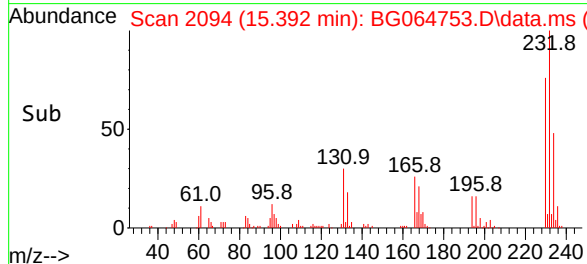
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



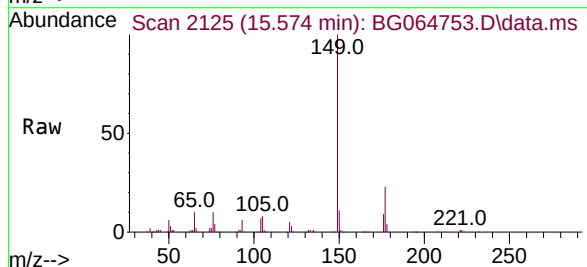
Tgt Ion:232 Resp: 9533
Ion Ratio Lower Upper
232 100
131 30.9 26.0 39.0
130 1.9 1.6 2.4
166 23.6 19.8 29.6

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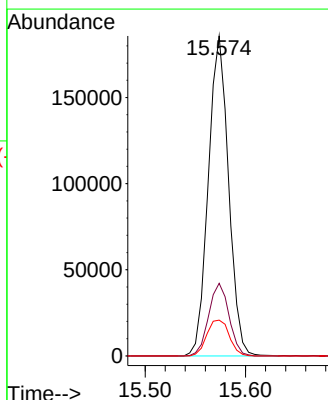
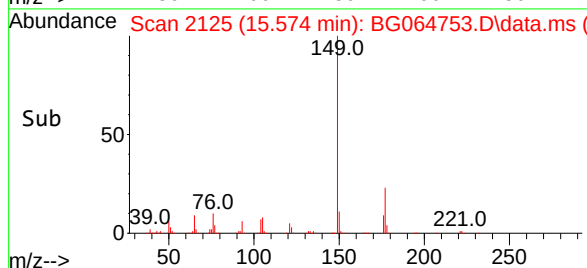
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

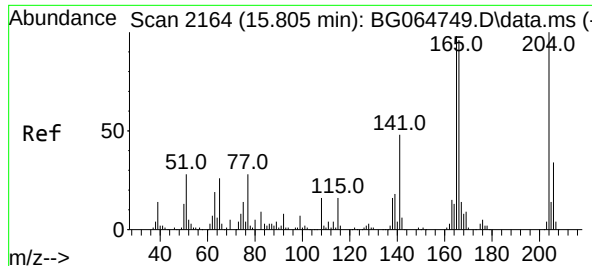


#60
Diethylphthalate
Concen: 31.411 ng
RT: 15.574 min Scan# 2125
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



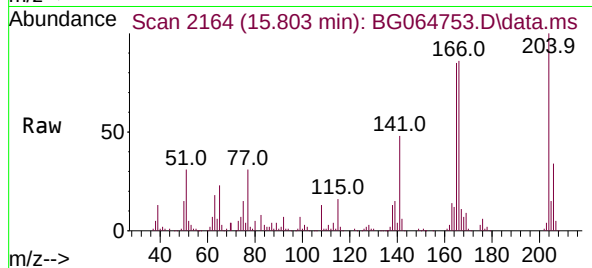
Tgt Ion:149 Resp: 260062
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 11.2 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 30.654 ng
RT: 15.803 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

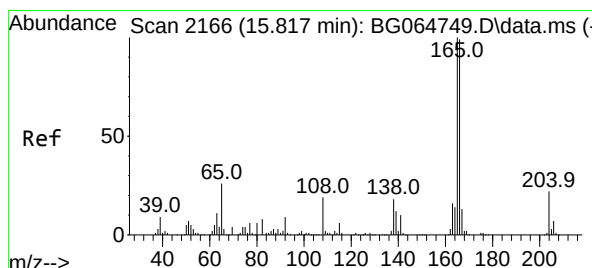
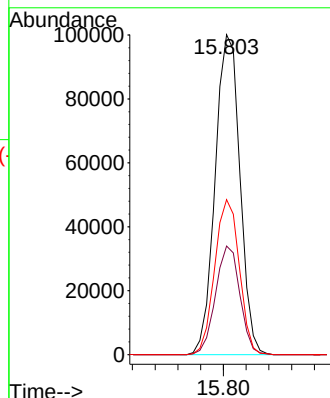
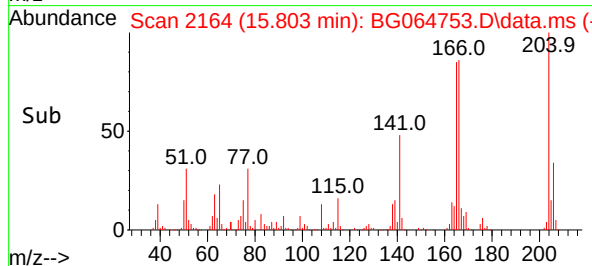
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



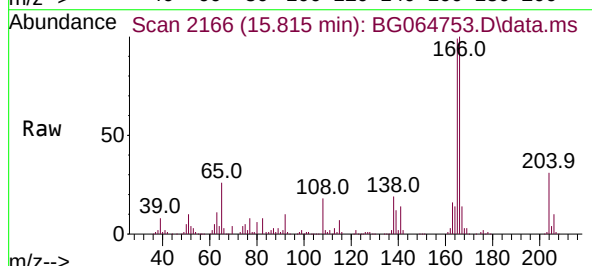
Tgt Ion:204 Resp: 151269
Ion Ratio Lower Upper
204 100
206 33.9 26.9 40.3
141 48.4 38.1 57.1

Manual Integrations
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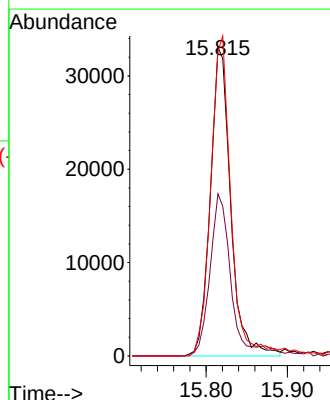
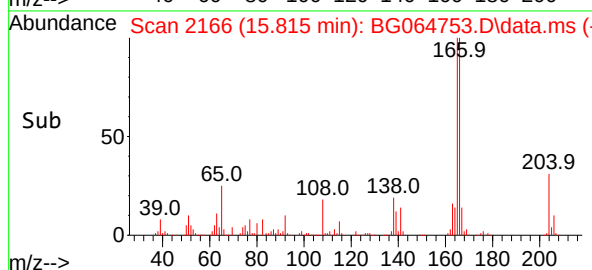
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

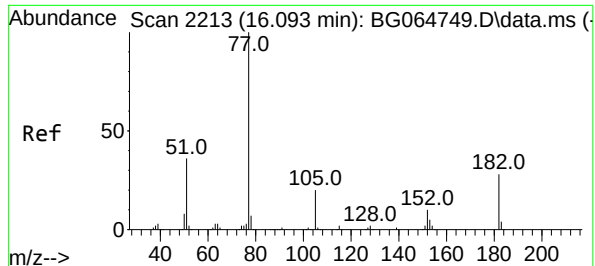


#62
4-Nitroaniline
Concen: 33.761 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



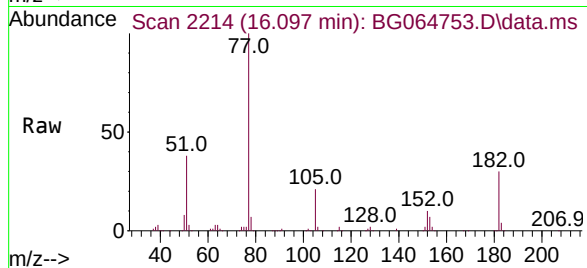
Tgt Ion:138 Resp: 57409
Ion Ratio Lower Upper
138 100
92 52.5 30.7 70.7
108 98.7 85.7 125.7





#63
Azobenzene
Concen: 31.929 ng
RT: 16.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

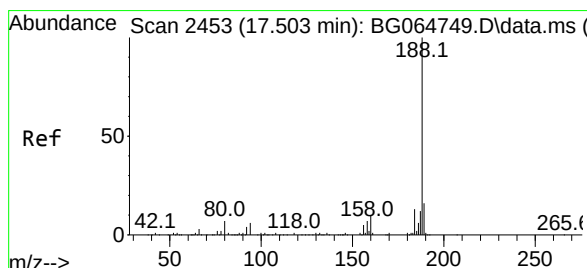
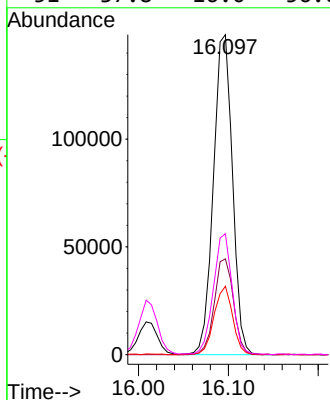
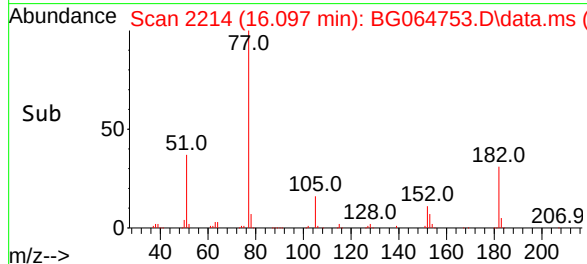
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



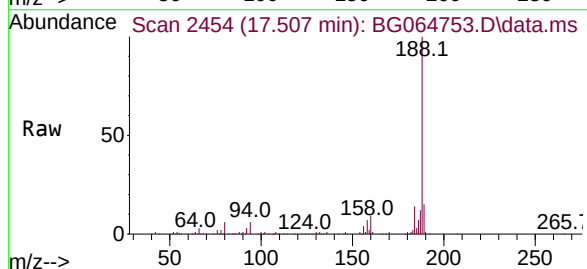
Tgt Ion: 77 Resp: 219873
Ion Ratio Lower Upper
77 100
182 29.9 8.1 48.1
105 21.4 0.1 40.1
51 37.8 16.0 56.0

Manual Integrations
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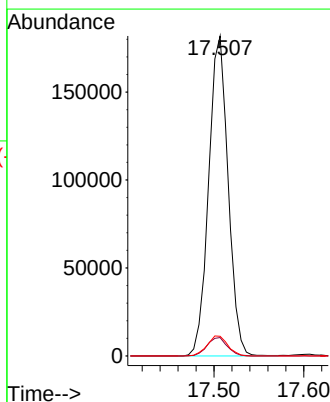
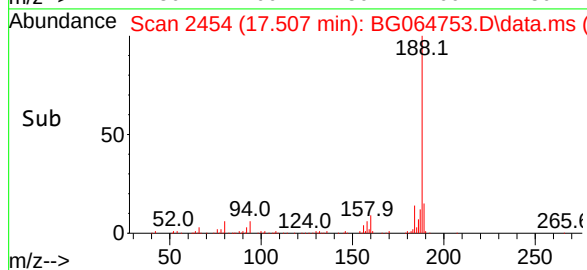
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

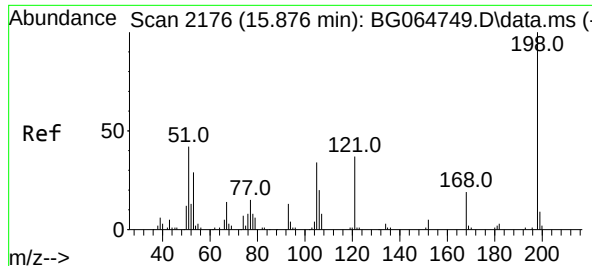


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



Tgt Ion:188 Resp: 274232
Ion Ratio Lower Upper
188 100
94 5.7 4.7 7.1
80 6.1 5.4 8.2





#65

4,6-Dinitro-2-methylphenol

Concen: 33.928 ng

RT: 15.879 min Scan# 2176

Delta R.T. 0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Tgt Ion:198 Resp: 51659

Ion Ratio Lower Upper

198 100

51 36.8 25.2 65.2

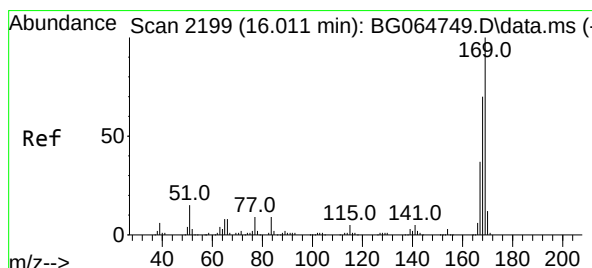
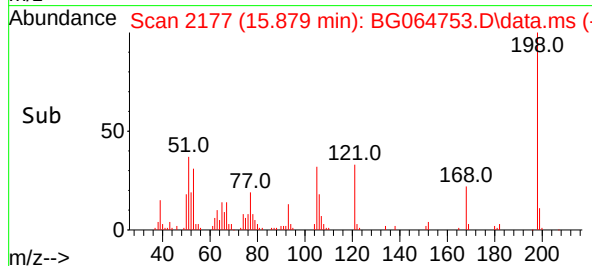
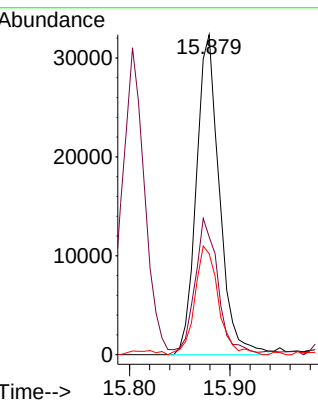
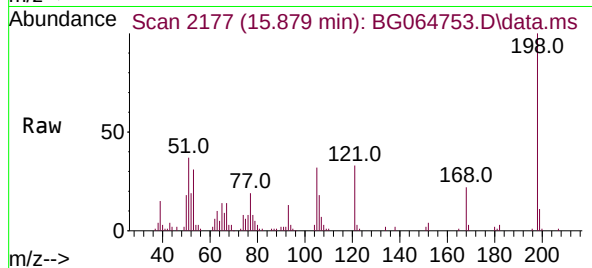
105 31.5 14.2 54.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#66

n-Nitrosodiphenylamine

Concen: 32.679 ng

RT: 16.014 min Scan# 2200

Delta R.T. 0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

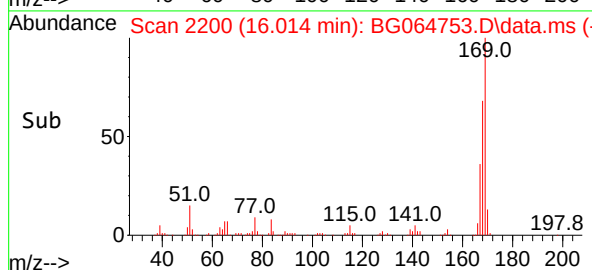
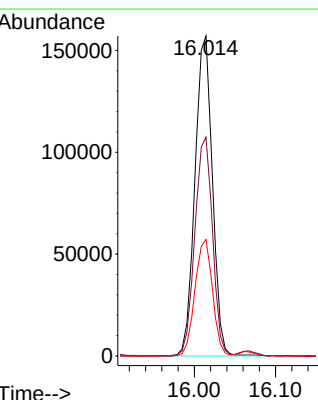
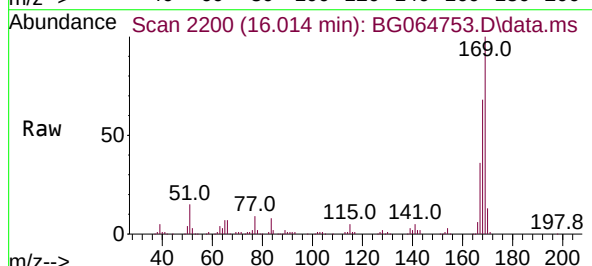
Tgt Ion:169 Resp: 234732

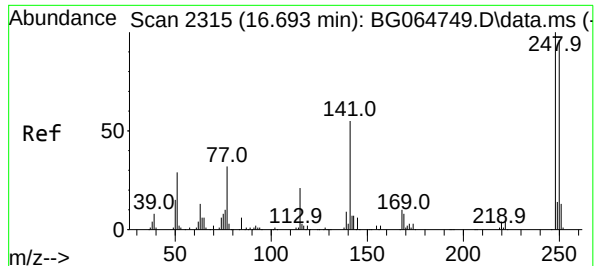
Ion Ratio Lower Upper

169 100

168 68.3 55.9 83.9

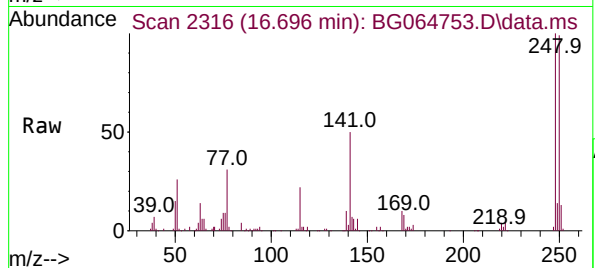
167 36.4 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 31.573 ng
RT: 16.696 min Scan# 2315
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

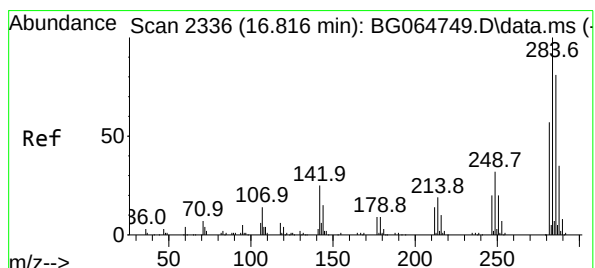
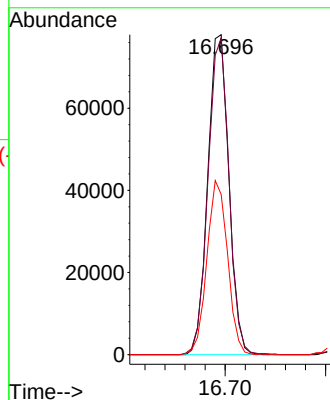
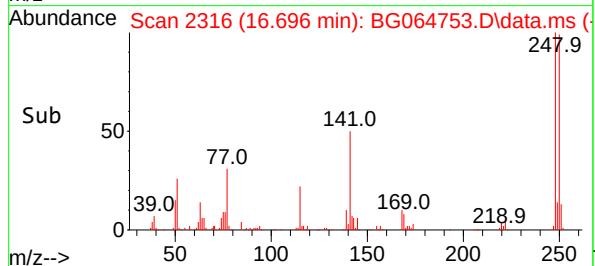
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:248 Resp: 113704
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.6
141 50.1 43.7 65.5

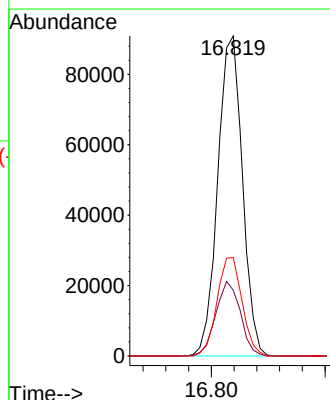
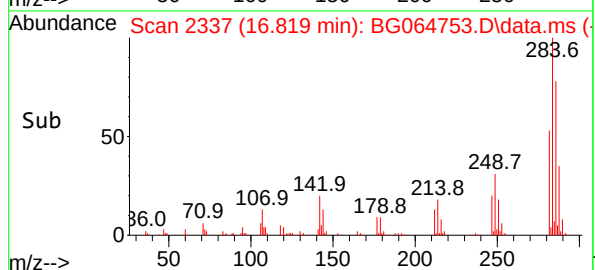
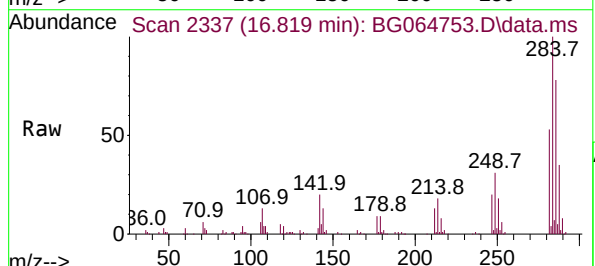
Manual Integrations
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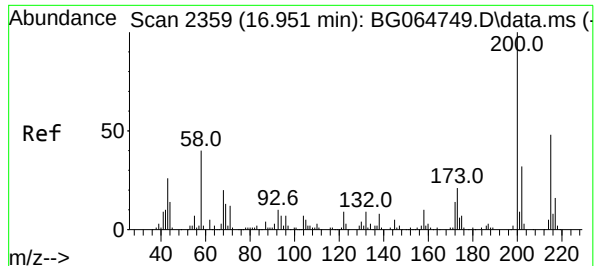
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#68
Hexachlorobenzene
Concen: 31.349 ng
RT: 16.819 min Scan# 2337
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:284 Resp: 136782
Ion Ratio Lower Upper
284 100
142 20.5 19.7 29.5
249 33.5 28.1 42.1





#69

Atrazine

Concen: 33.110 ng

RT: 16.949 min Scan# 2359

Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Tgt Ion:200 Resp: 114666

Ion Ratio Lower Upper

200 100

173 22.9 0.9 40.9

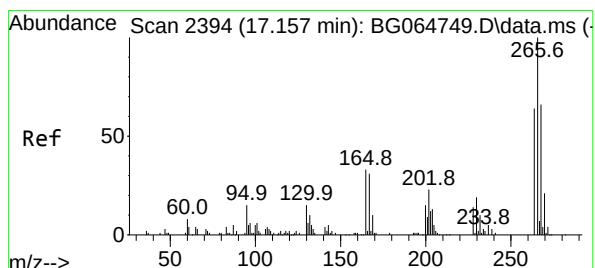
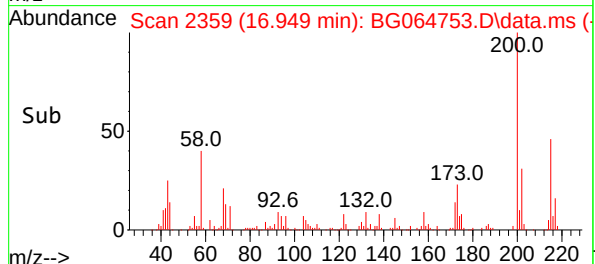
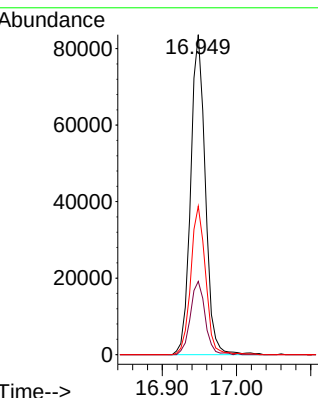
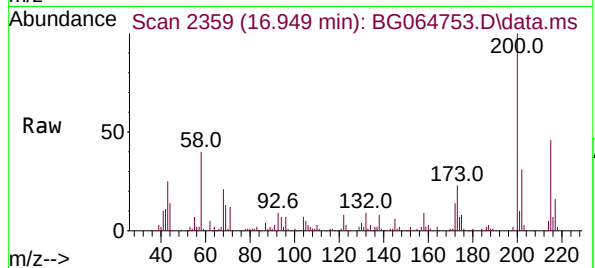
215 46.4 27.5 67.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 32.137 ng

RT: 17.154 min Scan# 2394

Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

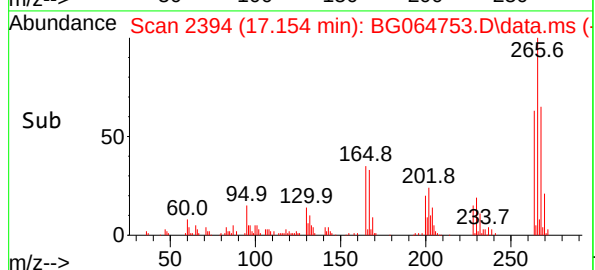
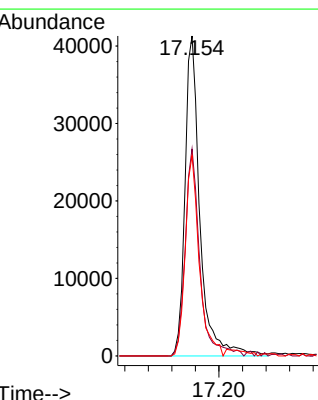
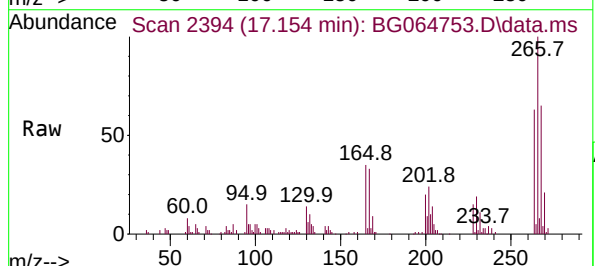
Tgt Ion:266 Resp: 72699

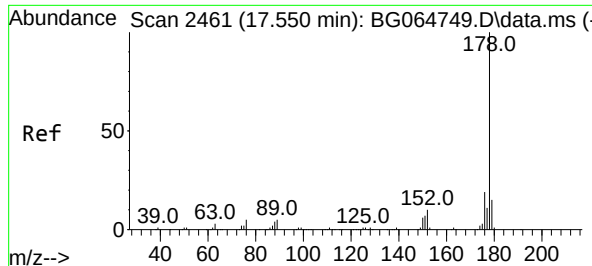
Ion Ratio Lower Upper

266 100

268 69.1 56.1 84.1

264 68.1 51.2 76.8





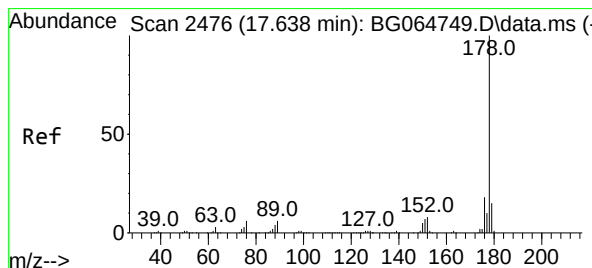
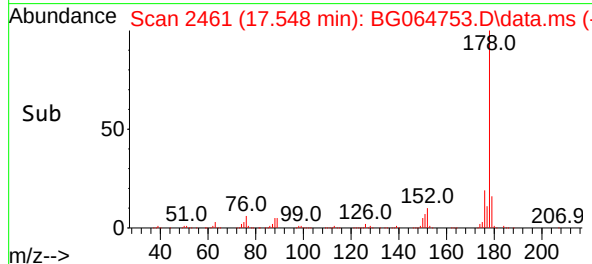
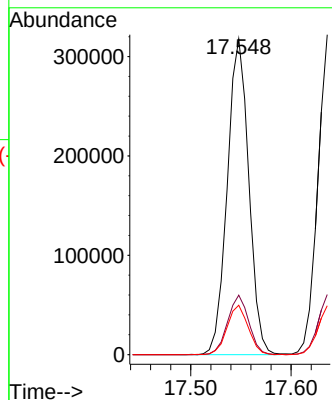
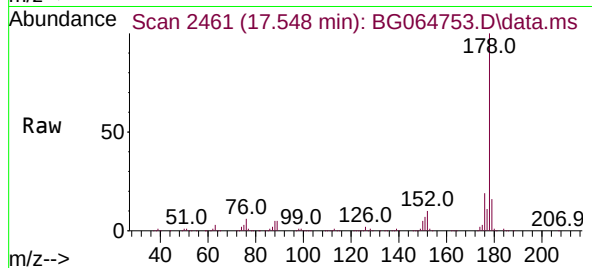
#71
Phenanthrene
Concen: 31.516 ng
RT: 17.548 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Tgt Ion:178 Resp: 47287
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.6 12.2 18.4

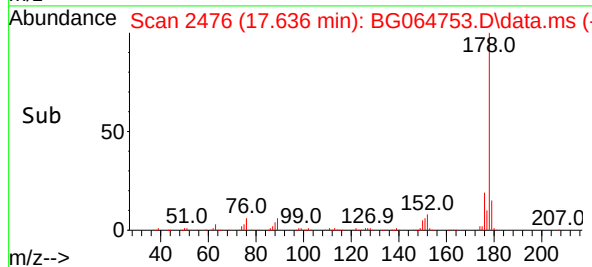
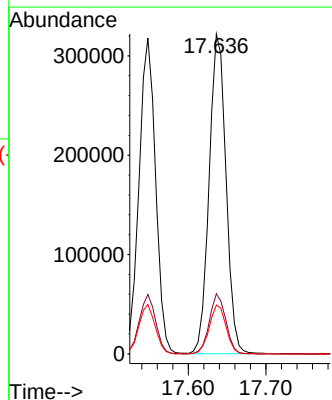
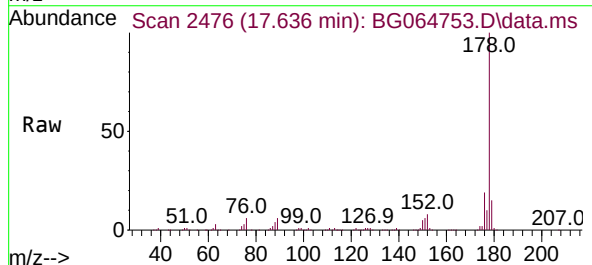
Manual Integrations
APPROVED

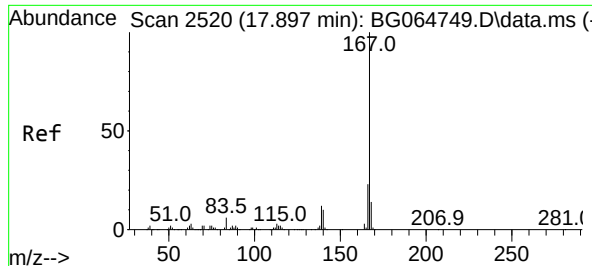
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 31.775 ng
RT: 17.636 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

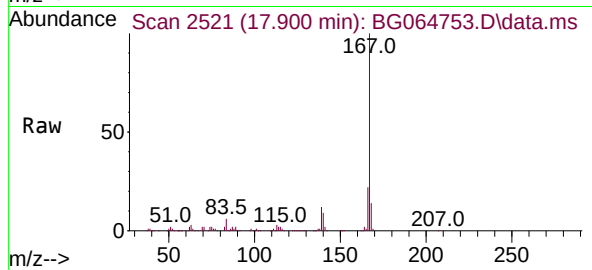
Tgt Ion:178 Resp: 486138
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 15.3 12.2 18.4





#73
Carbazole
Concen: 32.779 ng
RT: 17.900 min Scan# 2520
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

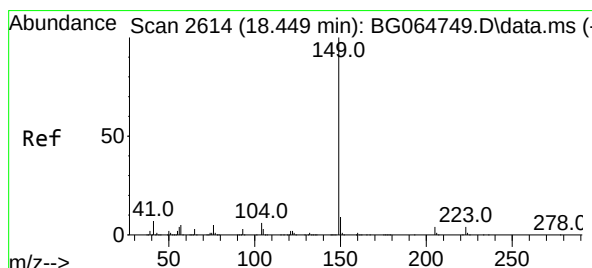
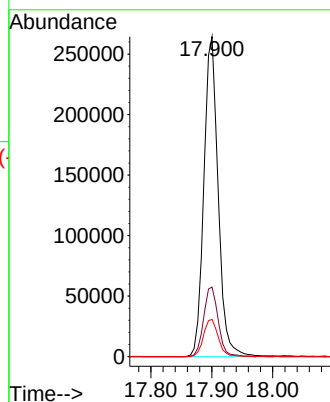
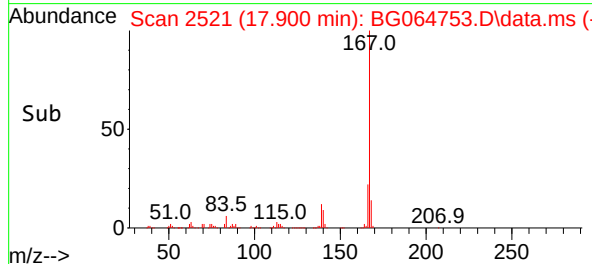
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:167 Resp: 431125
Ion Ratio Lower Upper
167 100
166 21.7 18.0 27.0
139 11.6 9.7 14.5

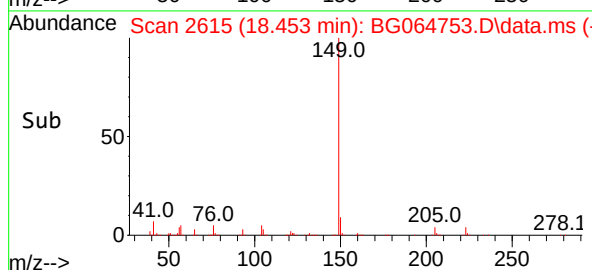
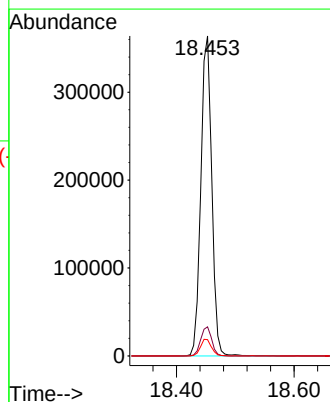
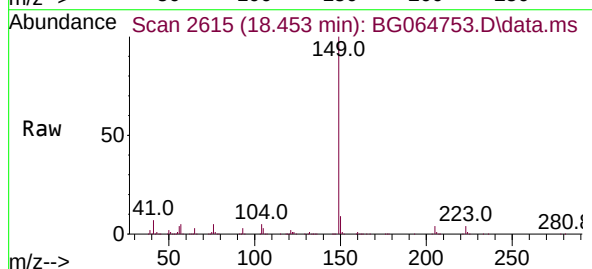
Manual Integrations
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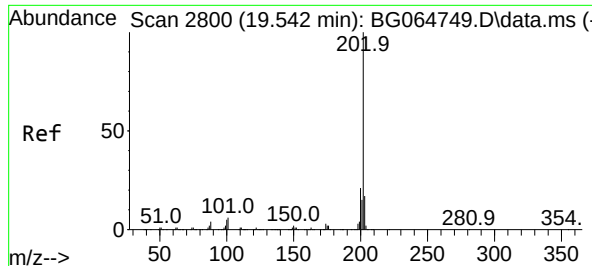
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#74
Di-n-butylphthalate
Concen: 31.841 ng
RT: 18.453 min Scan# 2615
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

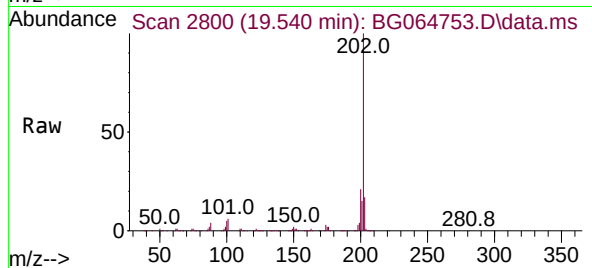
Tgt Ion:149 Resp: 467217
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 31.649 ng
RT: 19.540 min Scan# 2800
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

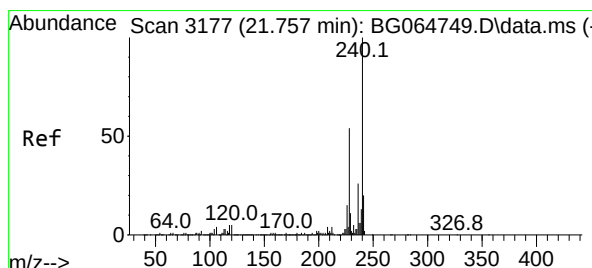
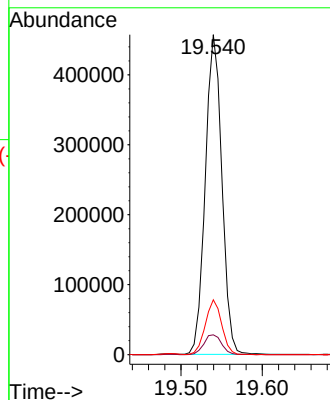
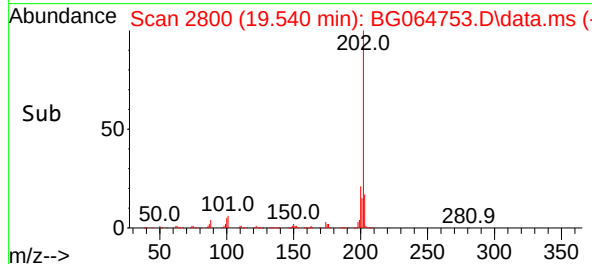
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:202 Resp: 649363
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.4
203 17.2 0.0 37.5

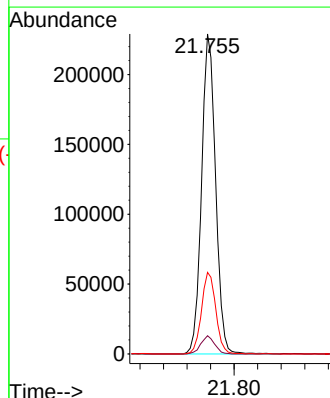
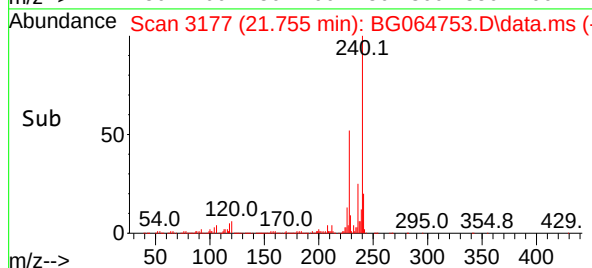
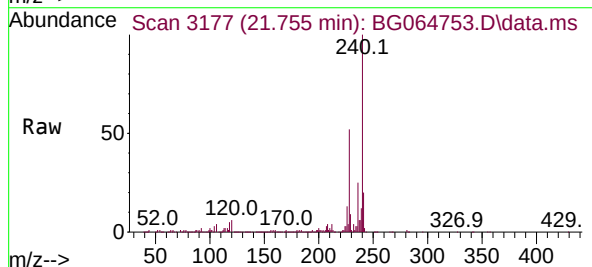
Manual Integrations
APPROVED

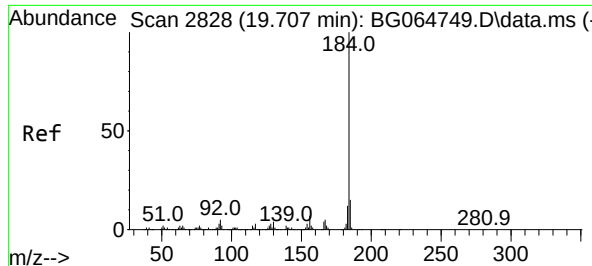
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.755 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

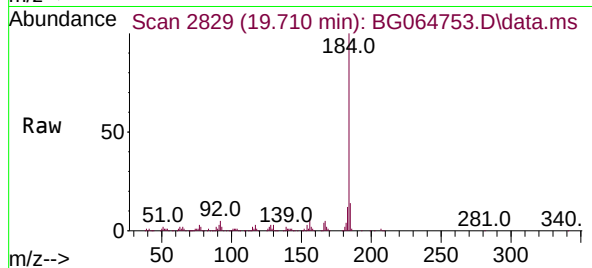
Tgt Ion:240 Resp: 377705
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.4
236 25.5 20.8 31.2





#77
Benzidine
Concen: 33.151 ng
RT: 19.710 min Scan# 2829
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

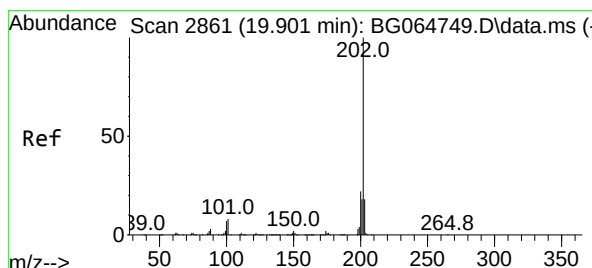
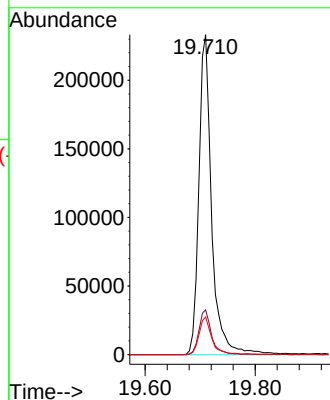
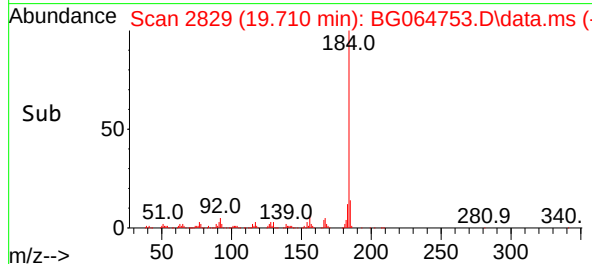
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:184 Resp: 374997
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 11.8 9.8 14.6

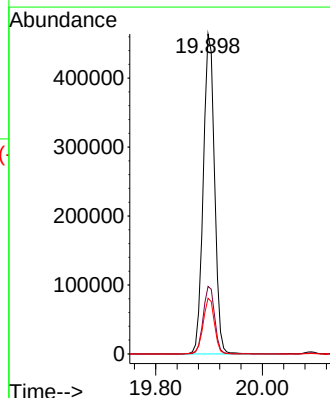
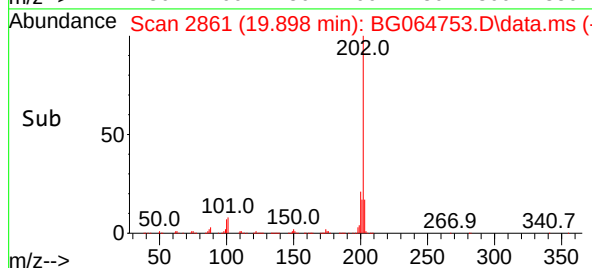
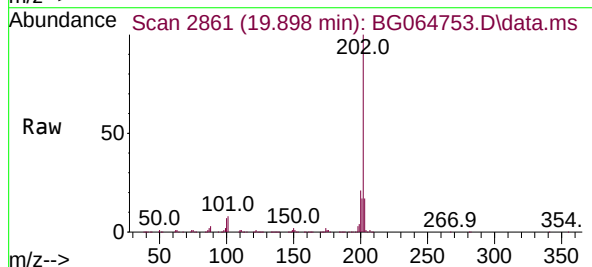
Manual Integrations
APPROVED

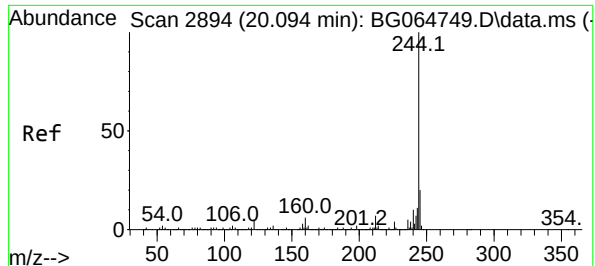
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 32.115 ng
RT: 19.898 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:202 Resp: 679837
Ion Ratio Lower Upper
202 100
200 21.1 17.9 26.9
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 62.068 ng

RT: 20.092 min Scan# 2894

Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Tgt Ion:244 Resp: 1191783

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

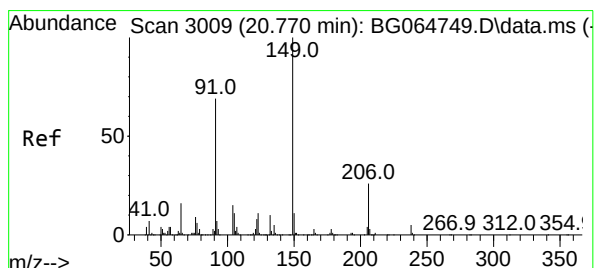
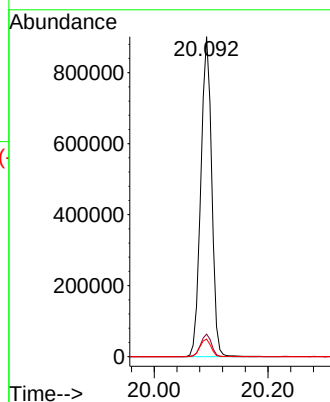
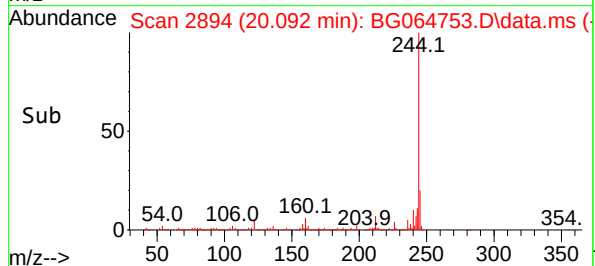
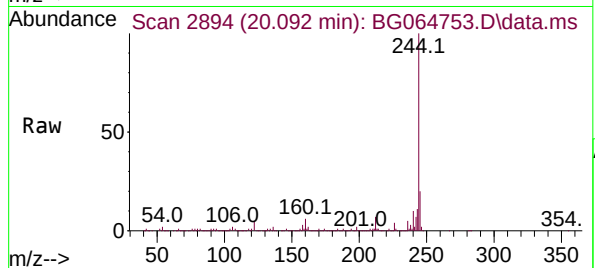
122 5.5 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#80

Butylbenzylphthalate

Concen: 31.103 ng

RT: 20.768 min Scan# 3009

Delta R.T. -0.002 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

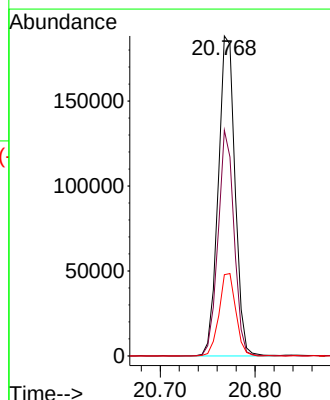
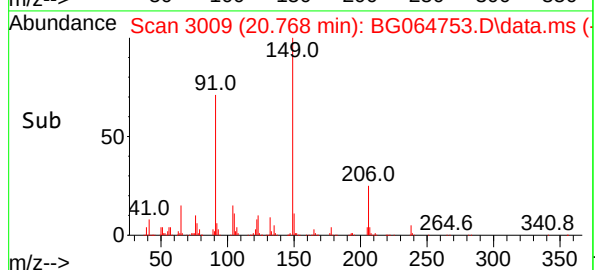
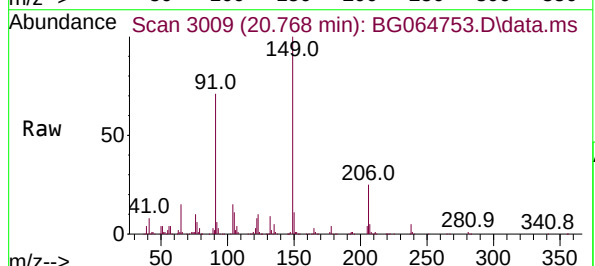
Tgt Ion:149 Resp: 231586

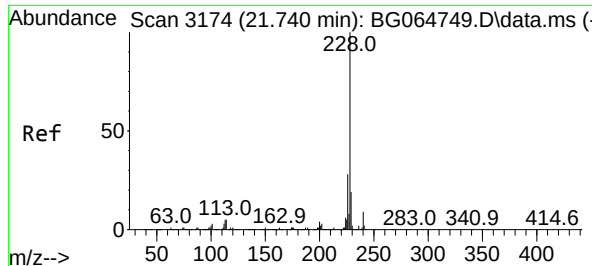
Ion Ratio Lower Upper

149 100

91 70.5 54.9 82.3

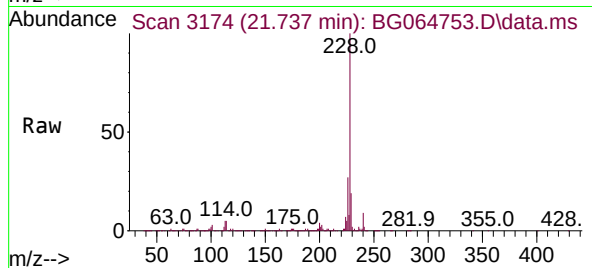
206 25.4 21.2 31.8





#81
Benzo(a)anthracene
Concen: 31.660 ng
RT: 21.737 min Scan# 3174
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

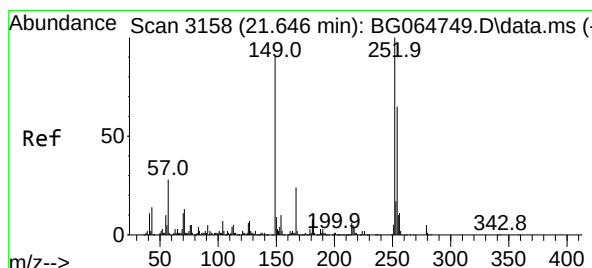
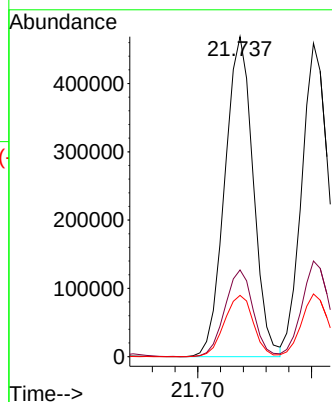
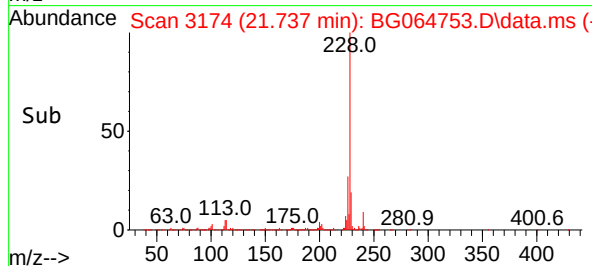
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:228 Resp: 813112
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.1 15.5 23.3

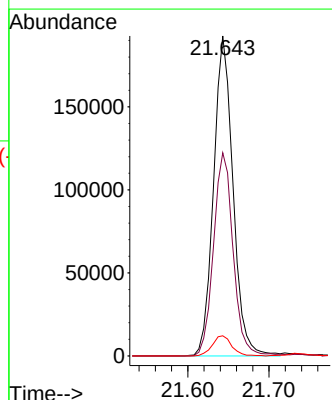
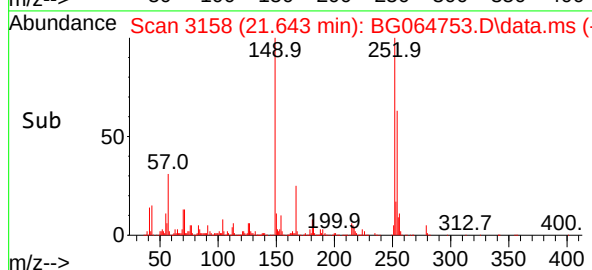
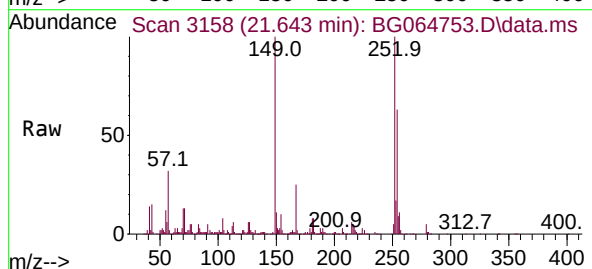
Manual Integrations
APPROVED

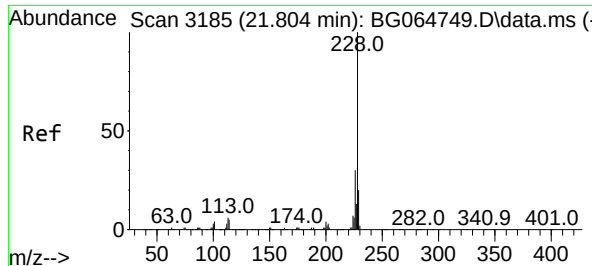
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 33.973 ng
RT: 21.643 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion:252 Resp: 321145
Ion Ratio Lower Upper
252 100
254 63.5 51.8 77.8
126 6.3 4.7 7.1





#83

Chrysene

Concen: 31.200 ng

RT: 21.802 min Scan# 3185

Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

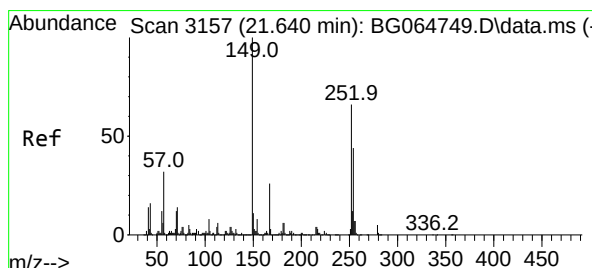
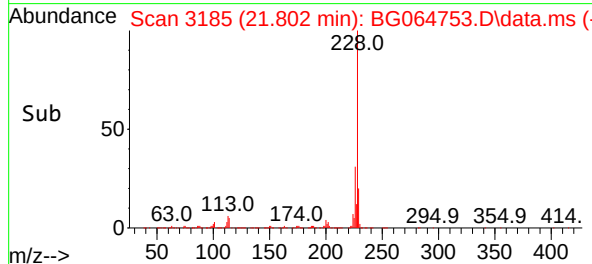
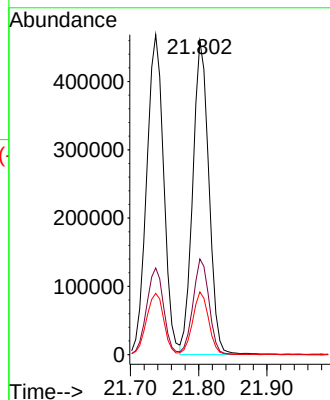
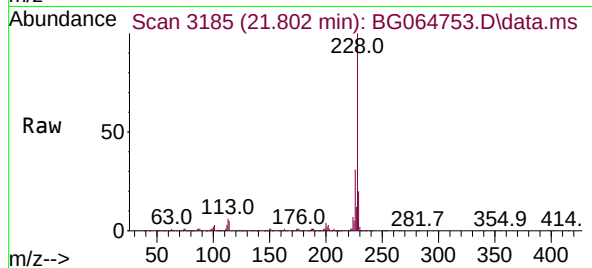
ClientSampleId :

ICVBG111225

Tgt Ion:	228	Resp:	75544
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.2	36.2
229	20.0	16.0	24.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.914 ng

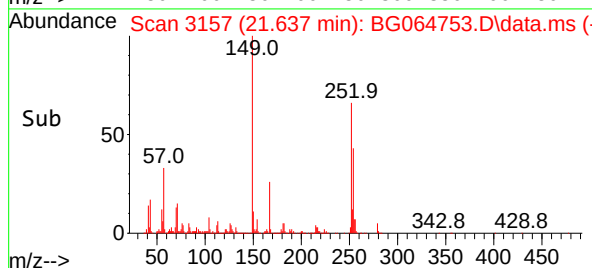
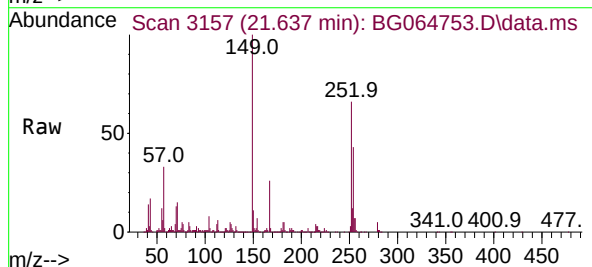
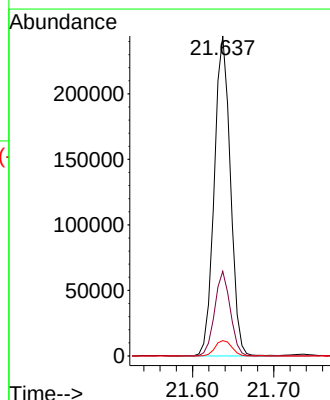
RT: 21.637 min Scan# 3157

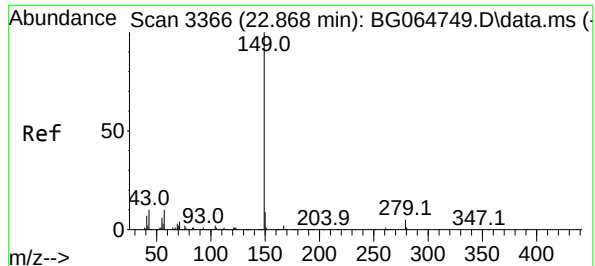
Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Tgt Ion:	149	Resp:	336357
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.0	31.4
279	4.8	4.1	6.1





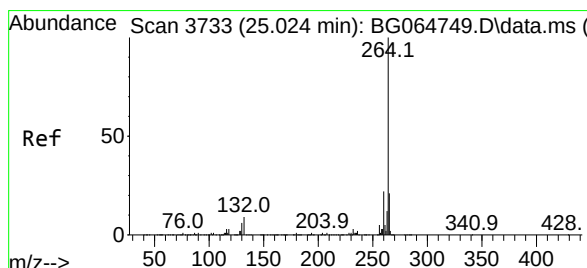
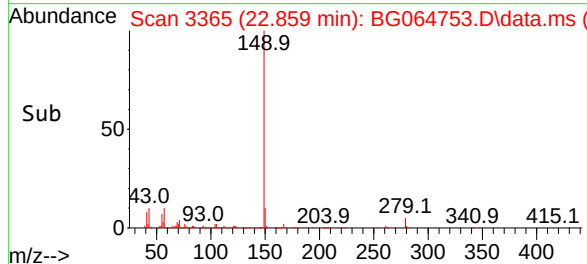
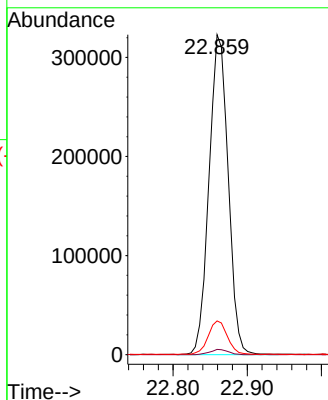
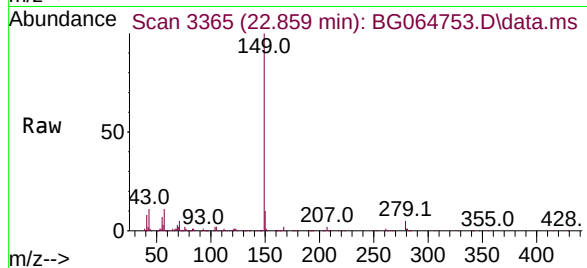
#85
Di-n-octyl phthalate
Concen: 30.757 ng
RT: 22.859 min Scan# 3366
Delta R.T. -0.008 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Tgt Ion:149 Resp: 578463
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 8.3 12.5

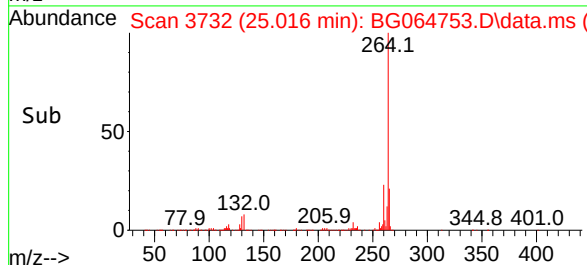
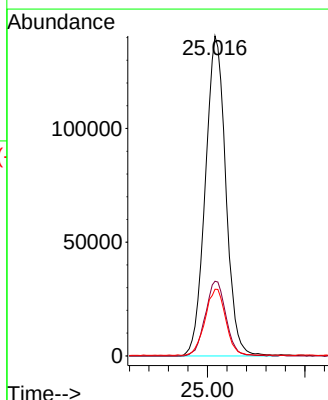
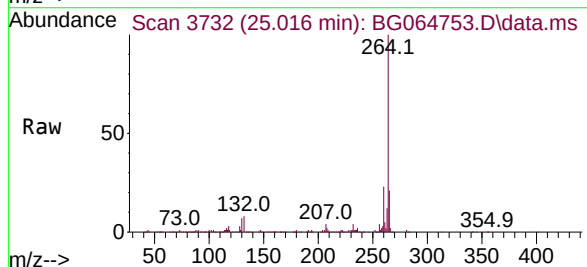
Manual Integrations
APPROVED

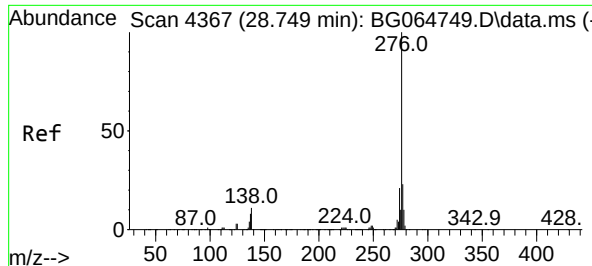
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3732
Delta R.T. -0.008 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

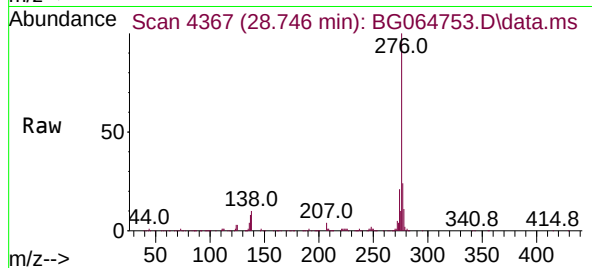
Tgt Ion:264 Resp: 409953
Ion Ratio Lower Upper
264 100
260 23.3 17.2 25.8
265 20.9 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 32.293 ng
RT: 28.746 min Scan# 4367
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

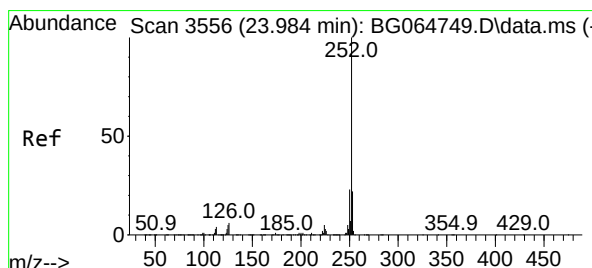
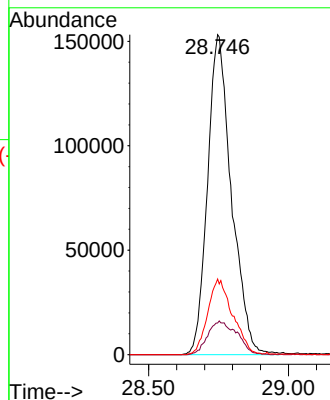
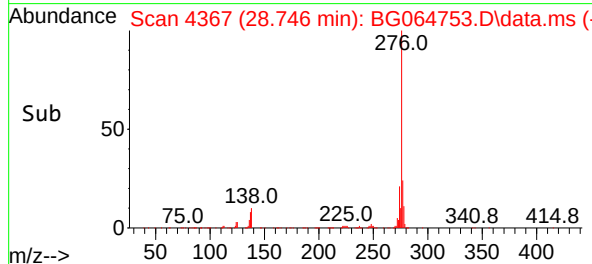
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



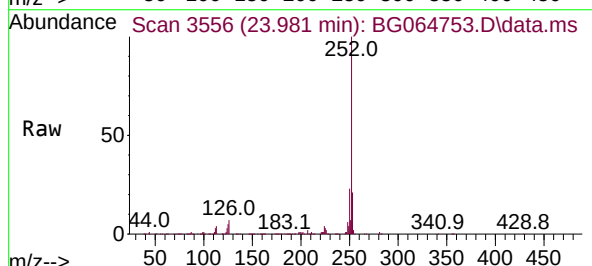
Tgt Ion: 276 Resp: 90952
Ion Ratio Lower Upper
276 100
138 12.7 4.5 6.7
277 24.6 20.0 30.0

Manual Integrations
APPROVED

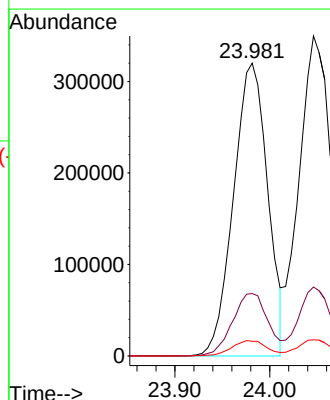
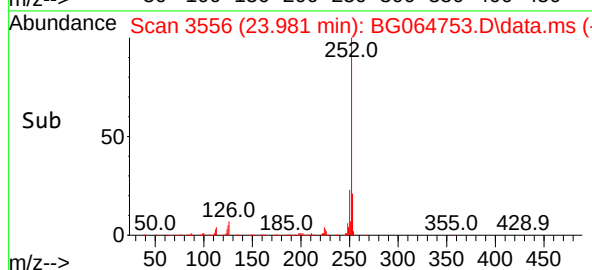
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

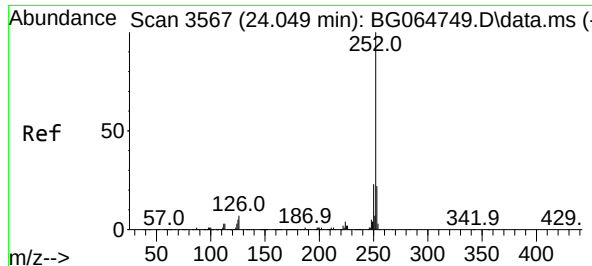


#88
Benzo(b)fluoranthene
Concen: 30.693 ng
RT: 23.981 min Scan# 3556
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



Tgt Ion: 252 Resp: 800751
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 5.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 32.097 ng

RT: 24.046 min Scan# 3567

Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

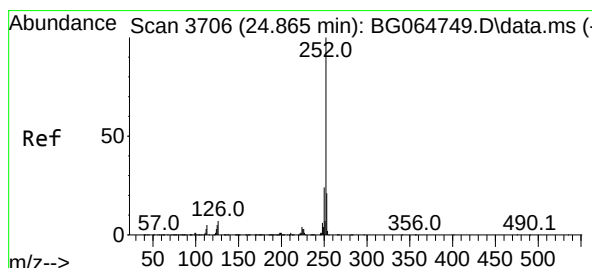
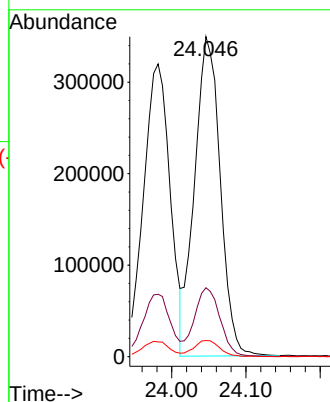
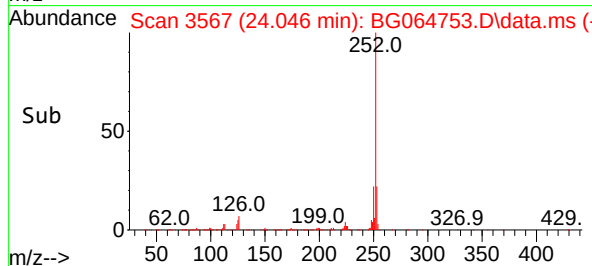
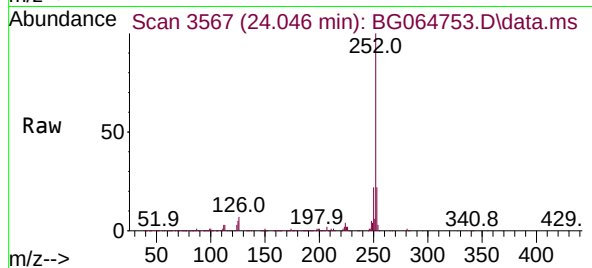
Instrument :

BNA_G

ClientSampleId :

ICVBG111225

Tgt Ion:	252	Resp:	841278
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.8
125	5.0	4.1	6.1

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

#90

Benzo(a)pyrene

Concen: 32.301 ng

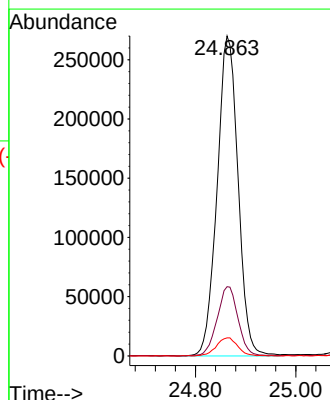
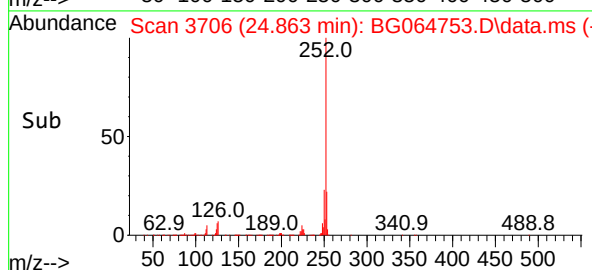
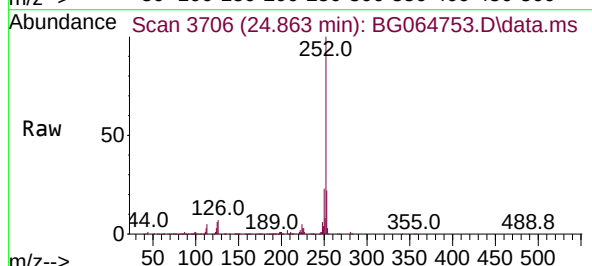
RT: 24.863 min Scan# 3706

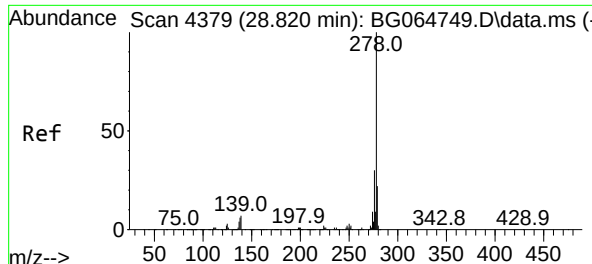
Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

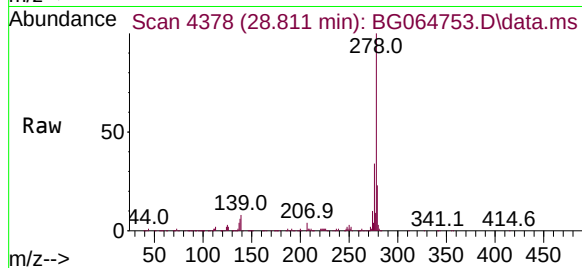
Tgt Ion:	252	Resp:	781704
Ion Ratio	Lower	Upper	
252	100		
253	21.6	16.9	25.3
125	5.6	4.2	6.4





#91
Dibenzo(a,h)anthracene
Concen: 32.155 ng
RT: 28.811 min Scan# 4379
Delta R.T. -0.008 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

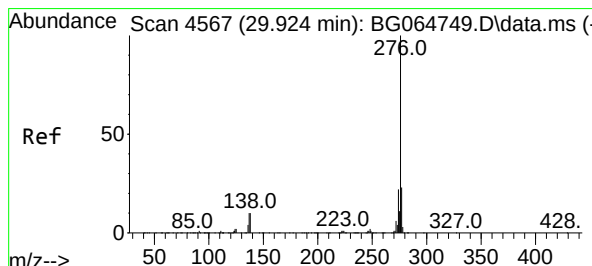
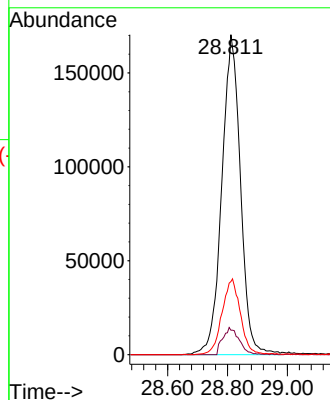
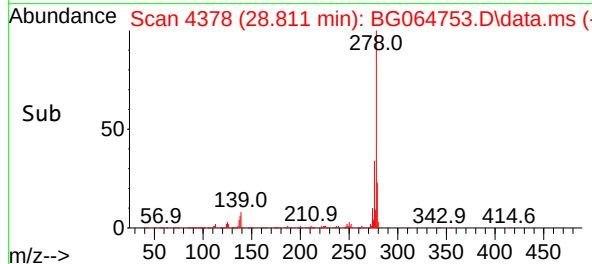
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion: 278 Resp: 741916
Ion Ratio Lower Upper
278 100
139 7.6 5.8 8.8
279 22.8 17.3 25.9

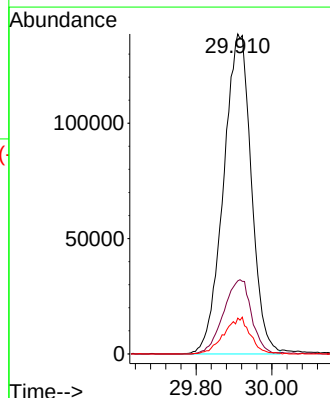
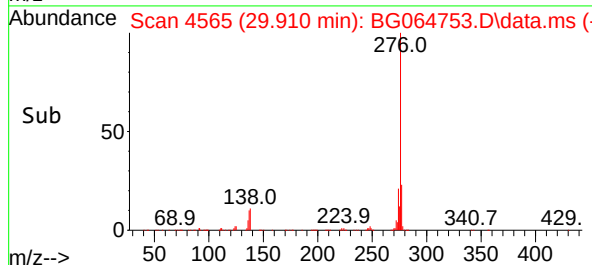
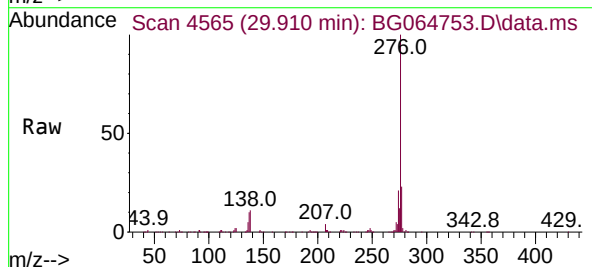
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 31.749 ng
RT: 29.910 min Scan# 4565
Delta R.T. -0.014 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Tgt Ion: 276 Resp: 705009
Ion Ratio Lower Upper
276 100
277 22.8 18.0 27.0
138 11.2 8.2 12.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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	111	0.00
2	1,4-Dioxane	0.443	0.349	21.2	83	0.00
3	Pyridine	1.321	0.967	26.8#	79	0.00
4	n-Nitrosodimethylamine	0.672	0.547	18.6	89	0.00
5 S	2-Fluorophenol	1.145	0.904	21.0	86	0.00
6	Aniline	2.030	1.731	14.7	92	0.00
7 S	Phenol-d6	1.523	1.228	19.4	87	0.00
8	2-Chlorophenol	1.258	1.031	18.0	88	0.00
9	Benzaldehyde	0.997	0.877	12.0	95	0.00
10 C	Phenol	1.657	1.366	17.6	89	0.00
11	bis(2-Chloroethyl)ether	1.179	0.959	18.7	87	0.00
12	1,3-Dichlorobenzene	1.447	1.218	15.8	91	0.00
13 C	1,4-Dichlorobenzene	1.474	1.212	17.8	90	0.00
14	1,2-Dichlorobenzene	1.429	1.212	15.2	92	0.00
15	Benzyl Alcohol	1.250	1.080	13.6	92	0.00
16	2,2'-oxybis(1-Chloropropane	2.792	2.222	20.4	87	0.00
17	2-Methylphenol	1.173	0.943	19.6	86	0.00
18	Hexachloroethane	0.558	0.438	21.5	87	0.00
19 P	n-Nitroso-di-n-propylamine	1.030	0.883	14.3	90	0.00
20	3+4-Methylphenols	1.607	1.295	19.4	88	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
22	Acetophenone	0.545	0.460	15.6	91	0.00
23 S	Nitrobenzene-d5	0.405	0.313	22.7	84	0.00
24	Nitrobenzene	0.409	0.339	17.1	91	0.00
25	Isophorone	0.770	0.623	19.1	90	0.00
26 C	2-Nitrophenol	0.184	0.154	16.3	88	0.00
27	2,4-Dimethylphenol	0.327	0.258	21.1	87	0.00
28	bis(2-Chloroethoxy)methane	0.423	0.340	19.6	89	0.00
29 C	2,4-Dichlorophenol	0.351	0.290	17.4	88	0.00
30	1,2,4-Trichlorobenzene	0.423	0.360	14.9	94	0.00
31	Naphthalene	1.134	0.890	21.5	86	0.00
32	Benzoic acid	0.205	0.163	20.5	88	0.00
33	4-Chloroaniline	0.454	0.381	16.1	90	0.00
34 C	Hexachlorobutadiene	0.363	0.286	21.2#	87	0.00
35	Caprolactam	0.105	0.086	18.1	93	0.00
36 C	4-Chloro-3-methylphenol	0.390	0.314	19.5	89	0.00
37	2-Methylnaphthalene	0.848	0.607	28.4#	80	0.00
38	1-Methylnaphthalene	0.843	0.633	24.9	84	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	0.778	0.617	20.7	90	0.00
41 P	Hexachlorocyclopentadiene	0.558	0.427	23.5	87	0.00
42 S	2,4,6-Tribromophenol	0.390	0.313	19.7	92	0.00
43 C	2,4,6-Trichlorophenol	0.457	0.366	19.9	89	0.00
44	2,4,5-Trichlorophenol	0.512	0.404	21.1	88	0.00
45 S	2-Fluorobiphenyl	1.433	1.075	25.0	86	0.00
46	1,1'-Biphenyl	1.436	1.159	19.3	92	0.00
47	2-Chloronaphthalene	1.132	0.882	22.1	90	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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	0.364	0.305	16.2	93	0.00
49	Acenaphthylene	1.933	1.536	20.5	91	0.00
50	Dimethylphthalate	1.580	1.252	20.8	92	0.00
51	2,6-Dinitrotoluene	0.304	0.253	16.8	94	0.00
52 C	Acenaphthene	1.159	0.918	20.8#	90	0.00
53	3-Nitroaniline	0.300	0.254	15.3	95	0.00
54 P	2,4-Dinitrophenol	0.158	0.142	10.1	95	0.00
55	Dibenzofuran	1.916	1.502	21.6	91	0.00
56 P	4-Nitrophenol	0.238	0.199	16.4	94	0.00
57	2,4-Dinitrotoluene	0.456	0.381	16.4	94	0.00
58	Fluorene	1.503	1.189	20.9	92	0.00
59	2,3,4,6-Tetrachlorophenol	0.506	0.436	13.8	99	0.00
60	Diethylphthalate	1.513	1.188	21.5	91	0.00
61	4-Chlorophenyl-phenylether	0.902	0.691	23.4	89	0.00
62	4-Nitroaniline	0.311	0.262	15.8	93	0.00
63	Azobenzene	1.259	1.005	20.2	93	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	116	0.00
65	4,6-Dinitro-2-methylphenol	0.111	0.094	15.3	93	0.00
66 c	n-Nitrosodiphenylamine	0.524	0.428	18.3	92	0.00
67	4-Bromophenyl-phenylether	0.263	0.207	21.3	89	0.00
68	Hexachlorobenzene	0.318	0.249	21.7	90	0.00
69	Atrazine	0.253	0.209	17.4	95	0.00
70 C	Pentachlorophenol	0.157	0.133	15.3	96	0.00
71	Phenanthrene	1.094	0.862	21.2	91	0.00
72	Anthracene	1.116	0.886	20.6	92	0.00
73	Carbazole	0.959	0.786	18.0	94	0.00
74	Di-n-butylphthalate	1.070	0.852	20.4	91	0.00
75 C	Fluoranthene	1.496	1.184	20.9#	92	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77	Benzidine	0.599	0.496	17.2	101	0.00
78	Pyrene	1.121	0.900	19.7	93	0.00
79 S	Terphenyl-d14	1.017	0.789	22.4	89	0.00
80	Butylbenzylphthalate	0.394	0.307	22.1	90	0.00
81	Benzo(a)anthracene	1.360	1.076	20.9	90	0.00
82	3,3'-Dichlorobenzidine	0.501	0.425	15.2	94	0.00
83	Chrysene	1.282	1.000	22.0	88	0.00
84	Bis(2-ethylhexyl)phthalate	0.576	0.445	22.7	88	0.00
85 c	Di-n-octyl phthalate	0.996	0.766	23.1#	85	0.00
86 I	Perylene-d12	1.000	1.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	1.374	1.109	19.3	87	0.00
88	Benzo(b)fluoranthene	1.273	0.977	23.3	83	0.00
89	Benzo(k)fluoranthene	1.279	1.026	19.8	90	0.00
90 C	Benzo(a)pyrene	1.181	0.953	19.3	88	0.00
91	Dibenzo(a,h)anthracene	1.126	0.905	19.6	86	0.00
92	Benzo(g,h,i)perylene	1.083	0.860	20.6	86	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 4

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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	111	0.00
2	1,4-Dioxane	40.000	31.527	21.2	83	0.00
3	Pyridine	40.000	29.291	26.8#	79	0.00
4	n-Nitrosodimethylamine	40.000	32.525	18.7	89	0.00
5 S	2-Fluorophenol	80.000	63.167	21.0	86	0.00
6	Aniline	40.000	34.106	14.7	92	0.00
7 S	Phenol-d6	80.000	64.502	19.4	87	0.00
8	2-Chlorophenol	40.000	32.779	18.1	88	0.00
9	Benzaldehyde	40.000	35.196	12.0	95	0.00
10 C	Phenol	40.000	32.974	17.6	89	0.00
11	bis(2-Chloroethyl)ether	40.000	32.532	18.7	87	0.00
12	1,3-Dichlorobenzene	40.000	33.672	15.8	91	0.00
13 C	1,4-Dichlorobenzene	40.000	32.901	17.7	90	0.00
14	1,2-Dichlorobenzene	40.000	33.934	15.2	92	0.00
15	Benzyl Alcohol	40.000	34.561	13.6	92	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	31.833	20.4	87	0.00
17	2-Methylphenol	40.000	32.149	19.6	86	0.00
18	Hexachloroethane	40.000	31.370	21.6	87	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	34.287	14.3	90	0.00
20	3+4-Methylphenols	40.000	32.235	19.4	88	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	111	0.00
22	Acetophenone	40.000	33.774	15.6	91	0.00
23 S	Nitrobenzene-d5	80.000	61.930	22.6	84	0.00
24	Nitrobenzene	40.000	33.162	17.1	91	0.00
25	Isophorone	40.000	32.368	19.1	90	0.00
26 C	2-Nitrophenol	40.000	33.507	16.2	88	0.00
27	2,4-Dimethylphenol	40.000	31.650	20.9	87	0.00
28	bis(2-Chloroethoxy)methane	40.000	32.150	19.6	89	0.00
29 C	2,4-Dichlorophenol	40.000	33.040	17.4	88	0.00
30	1,2,4-Trichlorobenzene	40.000	33.988	15.0	94	0.00
31	Naphthalene	40.000	31.383	21.5	86	0.00
32	Benzoic acid	40.000	30.681	23.3	88	0.00
33	4-Chloroaniline	40.000	33.639	15.9	90	0.00
34 C	Hexachlorobutadiene	40.000	31.513	21.2#	87	0.00
35	Caprolactam	40.000	32.854	17.9	93	0.00
36 C	4-Chloro-3-methylphenol	40.000	32.195	19.5	89	0.00
37	2-Methylnaphthalene	40.000	28.612	28.5#	80	0.00
38	1-Methylnaphthalene	40.000	30.038	24.9	84	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	31.686	20.8	90	0.00
41 P	Hexachlorocyclopentadiene	40.000	30.647	23.4	87	0.00
42 S	2,4,6-Tribromophenol	80.000	64.162	19.8	92	0.00
43 C	2,4,6-Trichlorophenol	40.000	32.039	19.9	89	0.00
44	2,4,5-Trichlorophenol	40.000	31.528	21.2	88	0.00
45 S	2-Fluorobiphenyl	80.000	59.990	25.0#	86	0.00
46	1,1'-Biphenyl	40.000	32.265	19.3	92	0.00
47	2-Chloronaphthalene	40.000	31.173	22.1	90	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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	33.514	16.2	93	0.00
49	Acenaphthylene	40.000	31.779	20.6	91	0.00
50	Dimethylphthalate	40.000	31.689	20.8	92	0.00
51	2,6-Dinitrotoluene	40.000	33.291	16.8	94	0.00
52 C	Acenaphthene	40.000	31.693	20.8#	90	0.00
53	3-Nitroaniline	40.000	33.908	15.2	95	0.00
54 P	2,4-Dinitrophenol	40.000	32.871	17.8	95	0.00
55	Dibenzofuran	40.000	31.341	21.6	91	0.00
56 P	4-Nitrophenol	40.000	33.387	16.5	94	0.00
57	2,4-Dinitrotoluene	40.000	33.468	16.3	94	0.00
58	Fluorene	40.000	31.633	20.9	92	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	34.475	13.8	99	0.00
60	Diethylphthalate	40.000	31.411	21.5	91	0.00
61	4-Chlorophenyl-phenylether	40.000	30.654	23.4	89	0.00
62	4-Nitroaniline	40.000	33.761	15.6	93	0.00
63	Azobenzene	40.000	31.929	20.2	93	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	116	0.00
65	4,6-Dinitro-2-methylphenol	40.000	33.928	15.2	93	0.00
66 c	n-Nitrosodiphenylamine	40.000	32.679	18.3	92	0.00
67	4-Bromophenyl-phenylether	40.000	31.573	21.1	89	0.00
68	Hexachlorobenzene	40.000	31.349	21.6	90	0.00
69	Atrazine	40.000	33.110	17.2	95	0.00
70 C	Pentachlorophenol	40.000	32.137	19.7	96	0.00
71	Phenanthrene	40.000	31.516	21.2	91	0.00
72	Anthracene	40.000	31.775	20.6	92	0.00
73	Carbazole	40.000	32.779	18.1	94	0.00
74	Di-n-butylphthalate	40.000	31.841	20.4	91	0.00
75 C	Fluoranthene	40.000	31.649	20.9#	92	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77	Benzydine	40.000	33.151	17.1	101	0.00
78	Pyrene	40.000	32.115	19.7	93	0.00
79 S	Terphenyl-d14	80.000	62.068	22.4	89	0.00
80	Butylbenzylphthalate	40.000	31.103	22.2	90	0.00
81	Benzo(a)anthracene	40.000	31.660	20.8	90	0.00
82	3,3'-Dichlorobenzidine	40.000	33.973	15.1	94	0.00
83	Chrysene	40.000	31.200	22.0	88	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	30.914	22.7	88	0.00
85 c	Di-n-octyl phthalate	40.000	30.757	23.1#	85	0.00
86 I	Perylene-d12	20.000	20.000	0.0	110	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	32.293	19.3	87	0.00
88	Benzo(b)fluoranthene	40.000	30.693	23.3	83	0.00
89	Benzo(k)fluoranthene	40.000	32.097	19.8	90	0.00
90 C	Benzo(a)pyrene	40.000	32.301	19.2	88	0.00
91	Dibenzo(a,h)anthracene	40.000	32.155	19.6	86	0.00
92	Benzo(g,h,i)perylene	40.000	31.749	20.6	86	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 4

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Dec 15 01:38:31 2025
Response Via : Initial Calibration

Calibration Files

2.5 =BP026143.D 5 =BP026144.D 10 =BP026145.D 20 =BP026146.D 40 =BP026147.D 50 =BP026148.D 60 =BP026149.D 80 =BP026150.D

Compound		2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.507	0.520	0.524	0.490	0.502	0.505	0.494	0.506		2.46
3)	Pyridine	1.401	1.459	1.510	1.391	1.485	1.466	1.458	1.453		2.96
4)	n-Nitrosodimet...		0.535	0.560	0.515	0.552	0.549	0.540	0.542		2.93
5) S	2-Fluorophenol	1.193	1.249	1.277	1.231	1.255	1.258	1.245	1.244		2.14
6)	Aniline	1.953	2.050	2.154	1.885	2.138	2.127	2.117	2.061		5.04
7) S	Phenol-d6	1.465	1.564	1.623	1.505	1.632	1.606	1.596	1.570		4.02
8)	2-Chlorophenol	1.318	1.398	1.438	1.398	1.452	1.439	1.453	1.414		3.40
9)	Benzaldehyde		0.963	0.899	1.014	0.719	0.812	0.673	0.847		16.00
10) C	Phenol	1.570	1.658	1.757	1.608	1.759	1.742	1.729	1.689		4.58
11)	bis(2-Chloroet...	1.252	1.334	1.368	1.265	1.363	1.338	1.350	1.324		3.54
12)	1,3-Dichlorobe...	1.511	1.526	1.570	1.537	1.528	1.518	1.518	1.530		1.29
13) C	1,4-Dichlorobe...	1.495	1.547	1.589	1.552	1.546	1.532	1.530	1.541		1.83
14)	1,2-Dichlorobe...	1.453	1.482	1.521	1.487	1.480	1.470	1.464	1.480		1.47
15)	Benzyl Alcohol		1.074	1.181	1.064	1.194	1.164	1.173	1.142		5.01
16)	2,2'-oxybis(1-...	1.769	1.841	1.961	1.699	1.924	1.852	1.892	1.848		4.89
17)	2-Methylphenol	1.067	1.126	1.191	1.077	1.202	1.180	1.182	1.146		4.92
18)	Hexachloroethane	0.527	0.559	0.569	0.562	0.565	0.557	0.581	0.560		2.98
19) P	n-Nitroso-di-n...	0.937	0.899	0.960	1.063	0.884	1.039	0.975	0.986	0.968	6.44
20)	3+4-Methylphenols		1.530	1.656	1.450	1.648	1.601	1.613	1.583		5.00
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.497	0.521	0.530	0.499	0.504	0.507	0.493	0.507		2.67
23) S	Nitrobenzene-d5	0.335	0.357	0.362	0.350	0.351	0.355	0.349	0.351		2.37
24)	Nitrobenzene	0.339	0.356	0.368	0.352	0.357	0.360	0.354	0.355		2.51
25)	Isophorone	0.655	0.693	0.736	0.649	0.710	0.686	0.697	0.689		4.37
26) C	2-Nitrophenol	0.152	0.164	0.182	0.184	0.189	0.192	0.193	0.180		8.72
27)	2,4-Dimethylph...	0.305	0.327	0.337	0.278	0.328	0.327	0.323	0.318		6.31
28)	bis(2-Chloroet...	0.425	0.439	0.454	0.411	0.442	0.426	0.436	0.433		3.19
29) C	2,4-Dichloroph...	0.298	0.322	0.335	0.325	0.330	0.330	0.328	0.324		3.73
30)	1,2,4-Trichlor...	0.331	0.337	0.337	0.346	0.325	0.328	0.328	0.333		2.16
31)	Naphthalene	1.080	1.114	1.115	1.075	1.073	1.059	1.052	1.081		2.29
32)	Benzoic acid		0.209	0.268	0.162	0.276	0.329	0.285	0.255		23.37
33)	4-Chloroaniline	0.429	0.461	0.479	0.425	0.463	0.458	0.457	0.453		4.30
34) C	Hexachlorobuta...	0.213	0.218	0.219	0.231	0.211	0.212	0.219	0.217		3.17
35)	Caprolactam		0.113	0.123	0.106	0.118	0.114	0.113	0.114		4.96
36) C	4-Chloro-3-met...	0.314	0.342	0.366	0.323	0.356	0.344	0.342	0.341		5.21
37)	2-Methylnaphth...	0.732	0.791	0.804	0.743	0.773	0.746	0.744	0.762		3.64
38)	1-Methylnaphth...	0.735	0.767	0.785	0.731	0.746	0.729	0.719	0.744		3.18

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP111825.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.607	0.610	0.613	0.637	0.594	0.610	0.603	0.611	2.18	
41) P	Hexachlorocycl...	0.347	0.382	0.306	0.396	0.418	0.436	0.381	12.53		
42) S	2,4,6-Tribromo...	0.241	0.253	0.273	0.269	0.262	0.260	0.262	0.260	4.04	
43) C	2,4,6-Trichlor...	0.380	0.404	0.431	0.422	0.420	0.426	0.420	0.415	4.24	
44)	2,4,5-Trichlor...	0.428	0.454	0.482	0.462	0.469	0.473	0.468	0.462	3.71	
45) S	2-Fluorobiphenyl	1.430	1.442	1.453	1.414	1.317	1.325	1.249	1.376	5.70	
46)	1,1'-Biphenyl	1.499	1.540	1.580	1.519	1.469	1.504	1.460	1.510	2.74	
47)	2-Chloronaphth...	1.167	1.215	1.217	1.208	1.164	1.195	1.162	1.190	2.07	
48)	2-Nitroaniline	0.289	0.310	0.345	0.314	0.336	0.349	0.339	0.326	6.75	
49)	Acenaphthylene	1.890	1.987	2.051	1.941	1.943	1.951	1.906	1.953	2.75	
50)	Dimethylphthalate	1.470	1.517	1.573	1.469	1.470	1.470	1.462	1.490	2.74	
51)	2,6-Dinitrotol...	0.235	0.267	0.310	0.305	0.312	0.313	0.319	0.295	10.63	
52) C	Acenaphthene	1.139	1.182	1.180	1.117	1.141	1.153	1.081	1.142	3.10	
53)	3-Nitroaniline	0.286	0.330	0.368	0.332	0.364	0.368	0.362	0.344	8.81	
54) P	2,4-Dinitrophenol	0.124	0.174	0.056	0.187	0.194	0.208	0.157	36.56		
55)	Dibenzofuran	1.779	1.832	1.880	1.782	1.763	1.738	1.654	1.776	4.01	
56) P	4-Nitrophenol	0.290	0.331	0.269	0.314	0.324	0.317	0.307	7.70		
57)	2,4-Dinitrotol...	0.362	0.407	0.469	0.440	0.464	0.465	0.459	0.438	9.14	
58)	Fluorene	1.447	1.490	1.500	1.403	1.374	1.351	1.267	1.405	5.89	
59)	2,3,4,6-Tetrac...	0.361	0.391	0.409	0.390	0.397	0.396	0.394	0.391	3.73	
60)	Diethylphthalate	1.493	1.507	1.592	1.452	1.493	1.462	1.465	1.495	3.16	
61)	4-Chlorophenyl...	0.718	0.717	0.741	0.714	0.691	0.673	0.648	0.700	4.53	
62)	4-Nitroaniline	0.313	0.359	0.394	0.333	0.368	0.376	0.358	0.357	7.59	
63)	Azobenzene	1.200	1.276	1.346	1.206	1.279	1.252	1.240	1.257	3.96	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.099	0.123	0.081	0.132	0.134	0.141	0.118	19.93		
66) c	n-Nitrosodiphe...	0.598	0.640	0.641	0.622	0.610	0.609	0.610	0.618	2.68	
67)	4-Bromophenyl-...	0.208	0.219	0.223	0.231	0.221	0.221	0.229	0.222	3.43	
68)	Hexachlorobenzene	0.243	0.260	0.260	0.269	0.255	0.254	0.263	0.258	3.27	
69)	Atrazine	0.217	0.232	0.247	0.232	0.233	0.229	0.237	0.233	3.86	
70) C	Pentachlorophenol	0.170	0.179	0.177	0.179	0.180	0.187	0.179	3.20		
71)	Phenanthrene	1.128	1.179	1.179	1.128	1.102	1.089	1.087	1.127	3.43	
72)	Anthracene	1.122	1.194	1.198	1.166	1.122	1.134	1.102	1.148	3.29	
73)	Carbazole	1.083	1.178	1.151	1.075	1.045	1.050	1.030	1.087	5.16	
74)	Di-n-butylphth...	1.219	1.290	1.372	1.292	1.304	1.223	1.290	1.284	4.05	
75) C	Fluoranthene	1.383	1.464	1.452	1.392	1.308	1.319	1.287	1.372	5.12	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.727	0.733	0.575	0.631	0.594	0.508	0.628	14.11		
78)	Pyrene	1.266	1.318	1.375	1.275	1.309	1.302	1.277	1.303	2.85	
79) S	Terphenyl-d14	1.024	1.037	1.061	0.974	0.971	0.918	0.866	0.979	7.08	
80)	Butylbenzylpht...	0.546	0.552	0.612	0.564	0.588	0.555	0.587	0.572	4.24	
81)	Benzo(a)anthra...	1.373	1.401	1.437	1.364	1.349	1.350	1.328	1.372	2.66	
82)	3,3'-Dichlorob...	0.513	0.526	0.498	0.492	0.491	0.475	0.499	3.61		
83)	Chrysene	1.298	1.336	1.341	1.316	1.266	1.279	1.257	1.299	2.57	
84)	Bis(2-ethylhex...	0.842	0.825	0.918	0.836	0.876	0.814	0.911	0.860	4.84	
85) c	Di-n-octyl pht...	1.414	1.572	1.510	1.553	1.467	1.584	1.517	4.37		

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP111825.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.442	1.484	1.538	1.592	1.483	1.531	1.511	1.512	3.20
88)	Benzo(b)fluora...	1.190	1.226	1.271	1.220	1.222	1.200	1.180	1.215	2.48
89)	Benzo(k)fluora...	1.206	1.228	1.275	1.209	1.213	1.192	1.189	1.216	2.39
90) C	Benzo(a)pyrene	1.121	1.153	1.198	1.160	1.147	1.146	1.142	1.153	2.05
91)	Dibenzo(a,h)an...	1.177	1.220	1.274	1.296	1.209	1.245	1.232	1.236	3.24
92)	Benzo(g,h,i)pe...	1.175	1.230	1.253	1.307	1.185	1.244	1.234	1.232	3.58

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

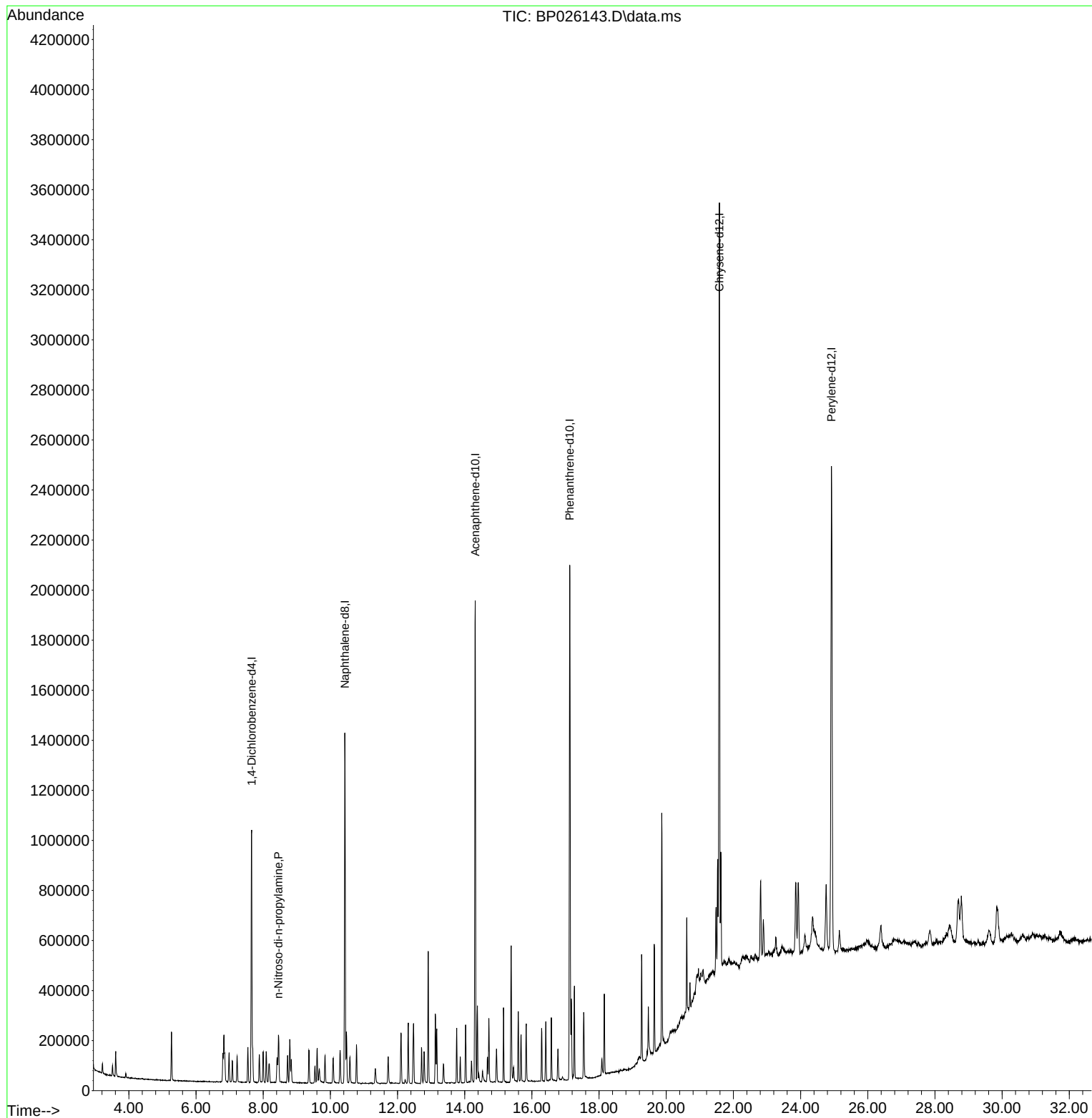
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	296435	20.000	ng	-0.02
21) Naphthalene-d8	10.431	136	1184362	20.000	ng	-0.02
39) Acenaphthene-d10	14.313	164	759057	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1539519	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1732194	20.000	ng	0.01
86) Perylene-d12	24.918	264	1973418	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.449	70	34712	2.457	ng	Qvalue 96

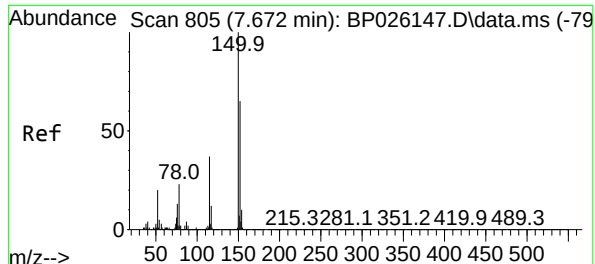
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026143.D
Acq On : 18 Nov 2025 14:31
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Nov 19 00:37:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration

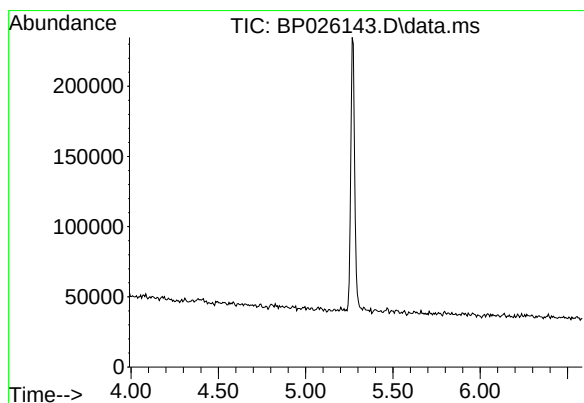
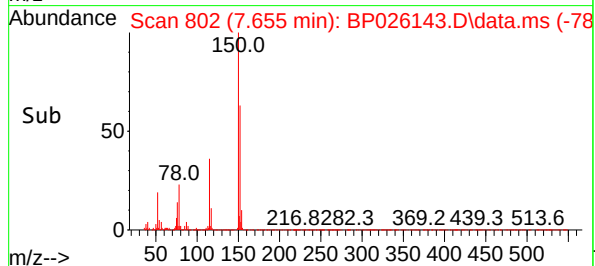
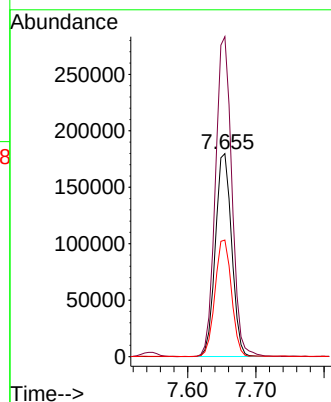
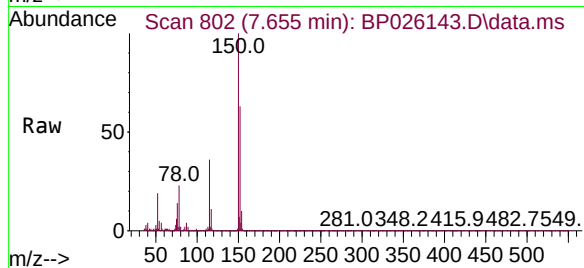




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.655 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

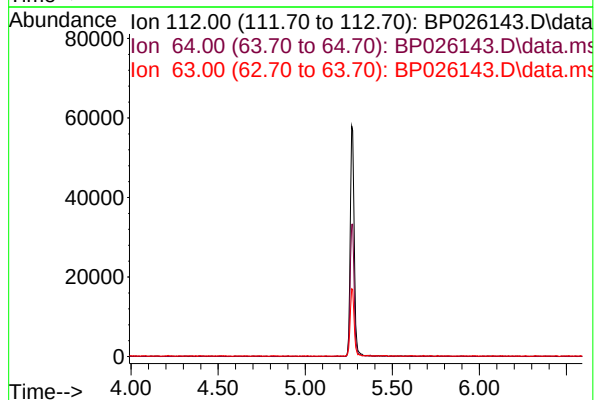
Tgt Ion:152 Resp: 296435
Ion Ratio Lower Upper
152 100
150 157.7 123.0 184.6
115 57.5 46.3 69.5



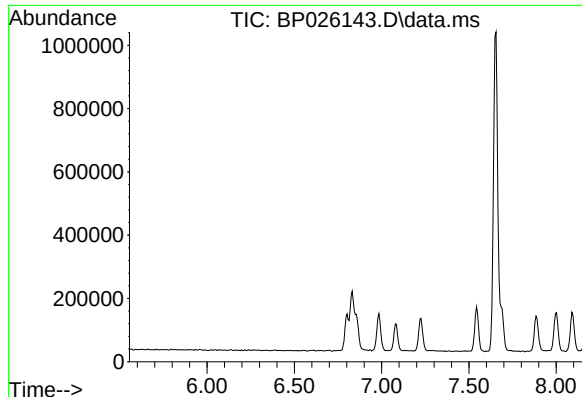
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.29 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.2
63 29.4



Ion 64.00 (63.70 to 64.70): BP026143.D\data.ms
Ion 63.00 (62.70 to 63.70): BP026143.D\data.ms



#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.85 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

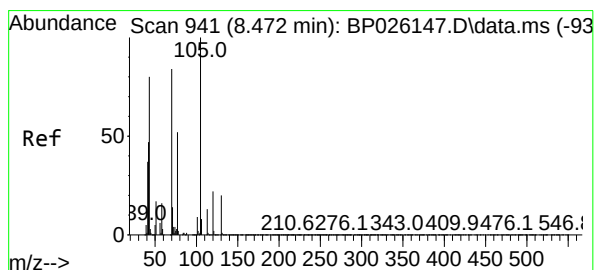
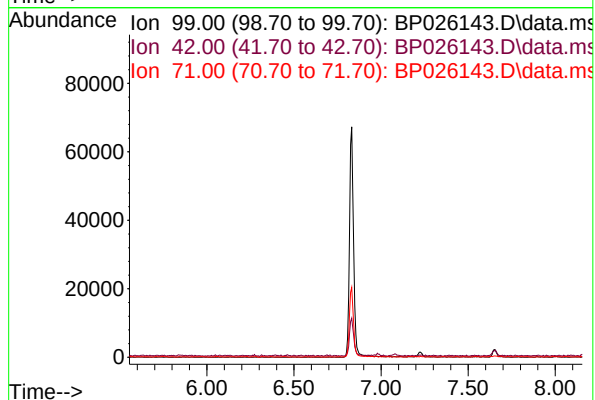
Tgt Ion: 99

Sig Exp Ratio

99 100

42 16.1

71 31.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.457 ng

RT: 8.449 min Scan# 937

Delta R.T. -0.023 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

Tgt Ion: 70 Resp: 34712

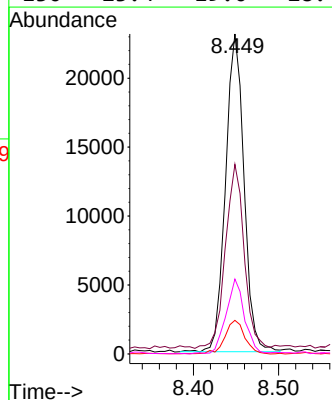
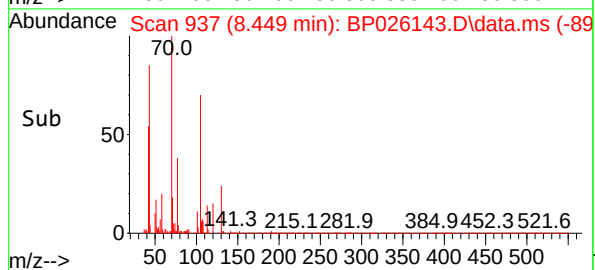
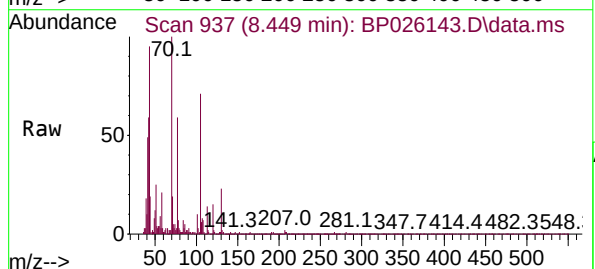
Ion Ratio Lower Upper

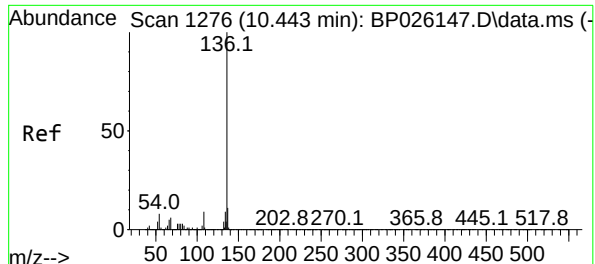
70 100

42 59.2 44.1 66.1

101 10.5 8.2 12.4

130 23.4 19.0 28.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1184362

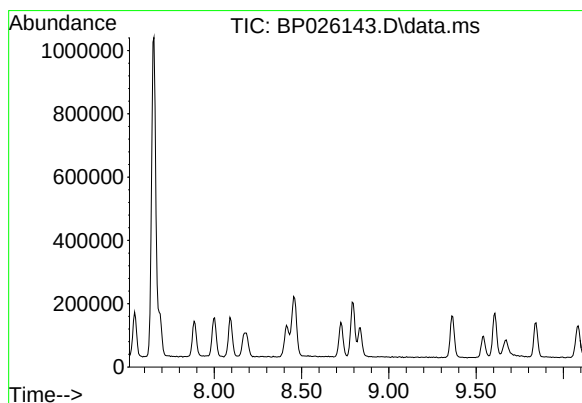
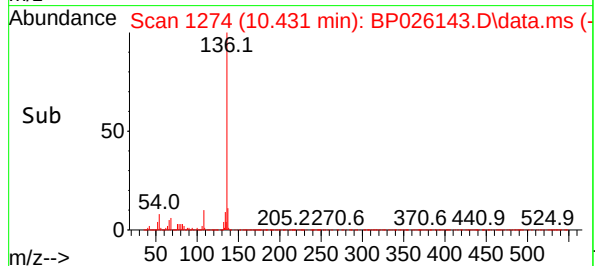
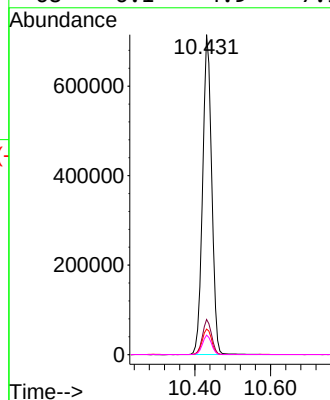
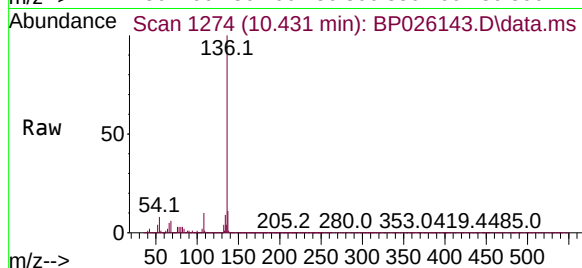
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.0 6.4 9.6

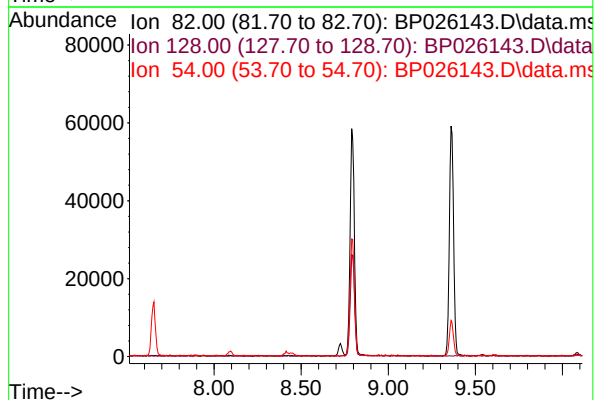
68 6.1 4.9 7.3

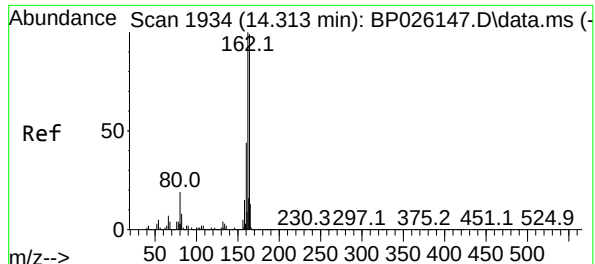


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.81 min

Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 82
Sig Exp Ratio
82 100
128 46.7
54 52.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 19

Delta R.T. -0.012 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

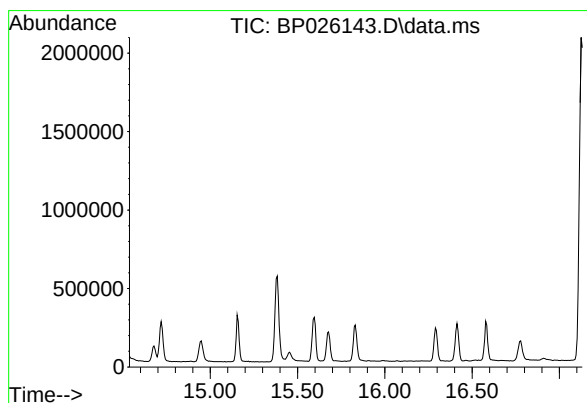
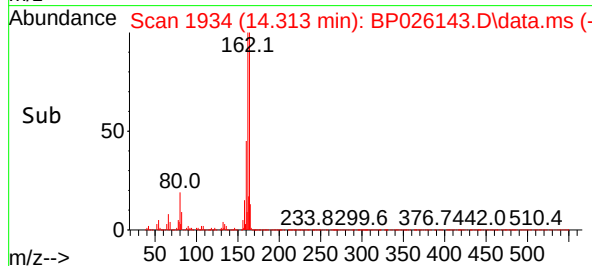
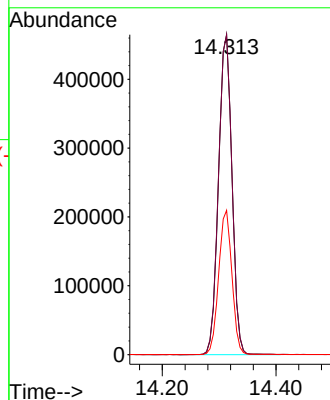
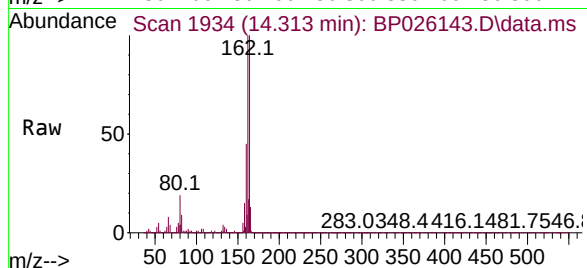
Tgt Ion:164 Resp: 759057

Ion Ratio Lower Upper

164 100

162 100.0 80.3 120.5

160 45.1 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.84 min

Lab File: BP026143.D

Acq: 18 Nov 2025 14:31

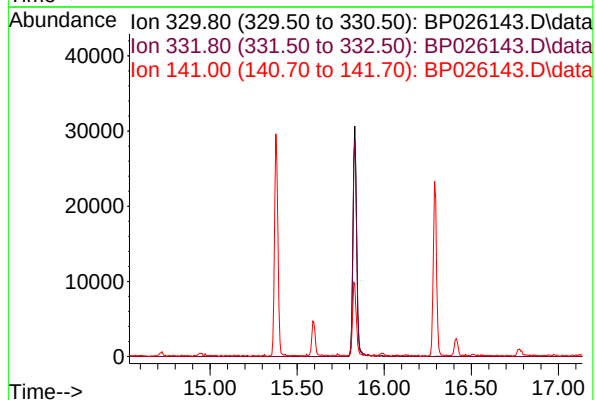
Tgt Ion: 330

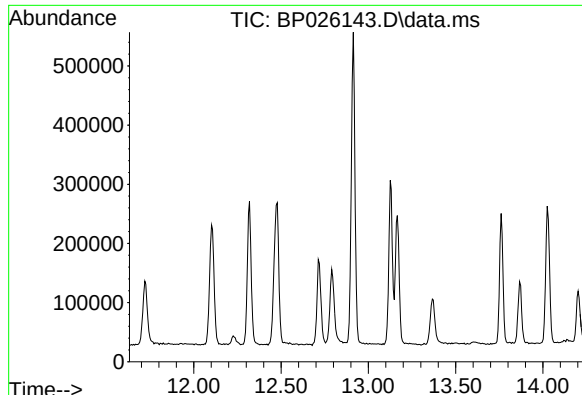
Sig Exp Ratio

330 100

332 97.5

141 33.5

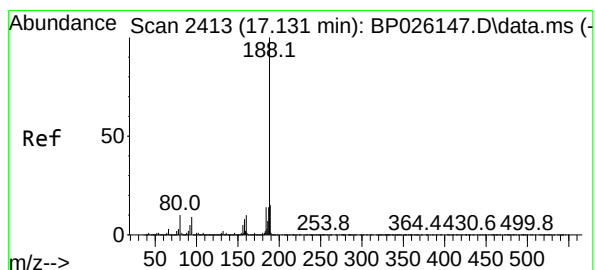
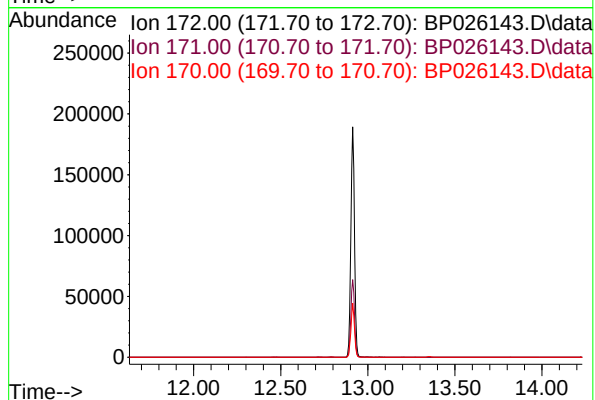




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.93 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

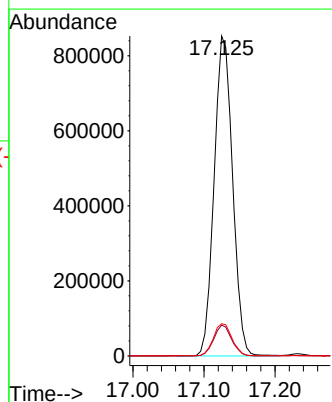
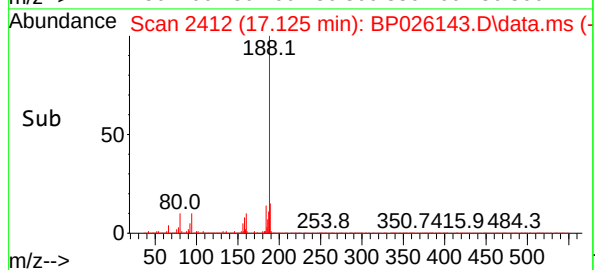
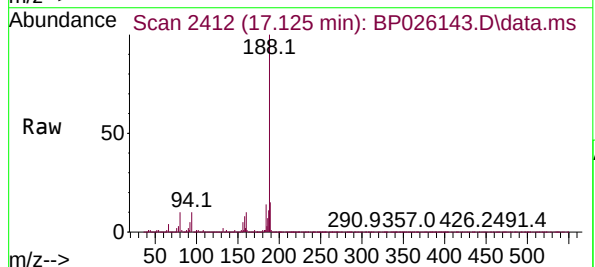
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

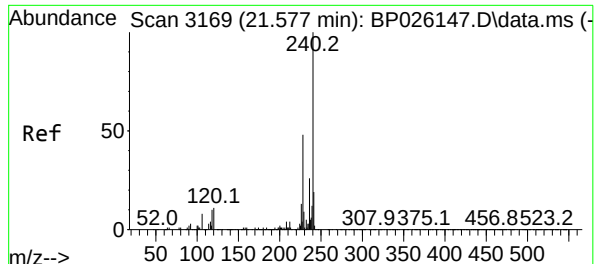
Tgt Ion: 172
Sig Exp Ratio
172 100
171 35.3
170 23.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 188 Resp: 1539519
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.0 8.2 12.2

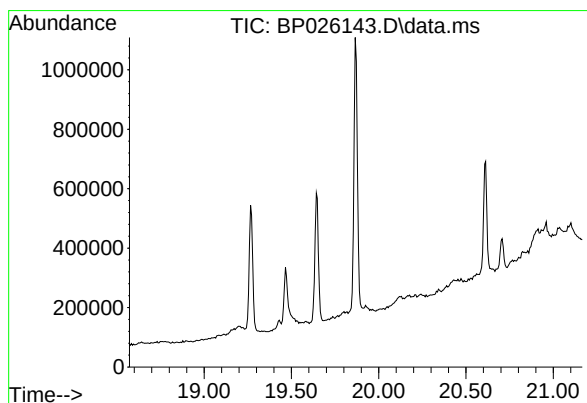
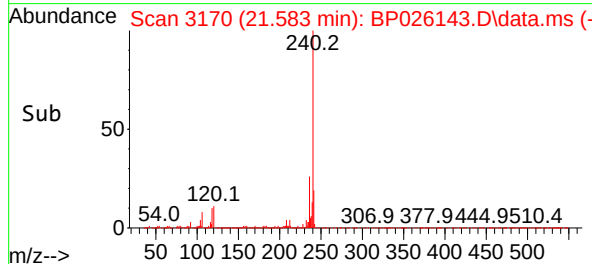
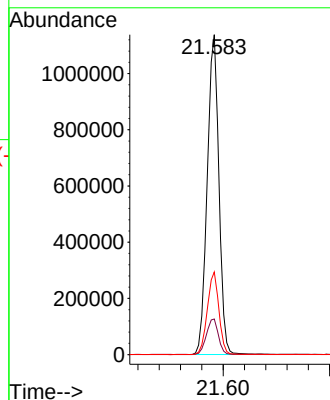
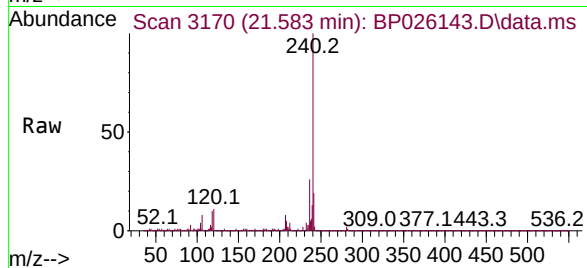




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

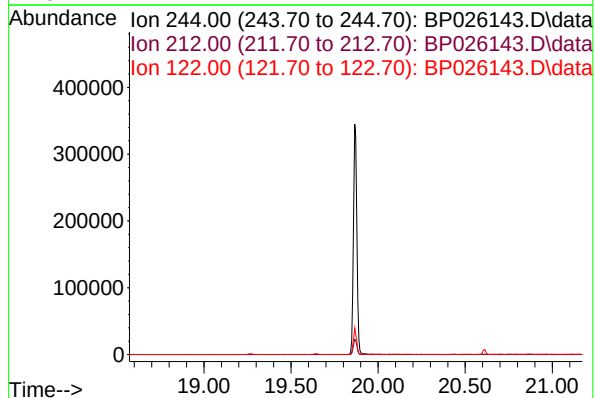
Tgt Ion: 240 Resp: 1732194
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.87 min

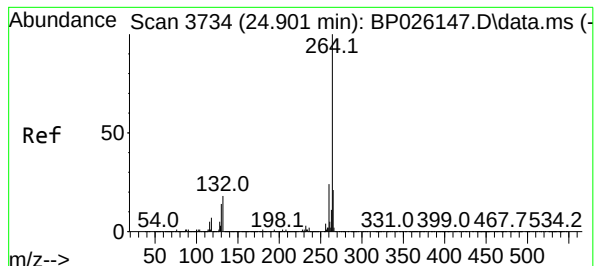
Lab File: BP026143.D
Acq: 18 Nov 2025 14:31

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.3
122 10.2



Ion 212.00 (211.70 to 212.70): BP026143.D\data

Ion 122.00 (121.70 to 122.70): BP026143.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.918 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP026143.D

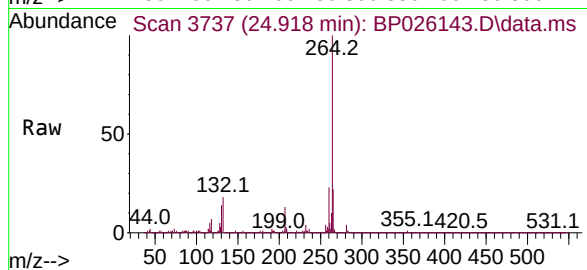
Acq: 18 Nov 2025 14:31

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



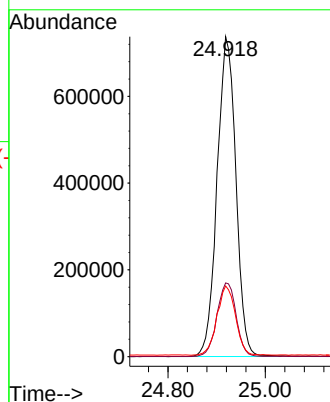
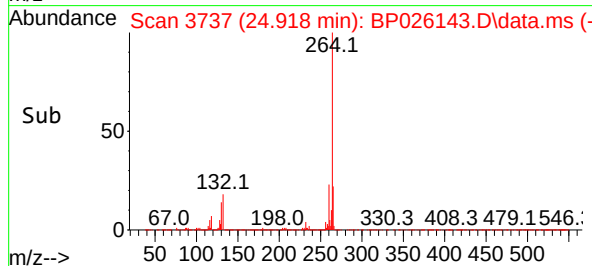
Tgt Ion:264 Resp: 1973418

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 22.1 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026144.D
 Acq On : 18 Nov 2025 15:12
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Quant Time: Nov 19 00:38:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	261259	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1023584	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	643620	20.000	ng	-0.01
64) Phenanthrene-d10	17.131	188	1346698	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1560462	20.000	ng	0.01
86) Perylene-d12	24.918	264	1801943	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	155849	9.842	ng	0.00
7) Phenol-d6	6.849	99	191404	9.528	ng	0.00
23) Nitrobenzene-d5	8.807	82	171702	10.379	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	77590	11.005	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	460038	10.313	ng	-0.01
79) Terphenyl-d14	19.872	244	798858	10.439	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	33093	4.981	ng	96
3) Pyridine	3.620	79	91499	4.844	ng	97
6) Aniline	7.002	93	127562	4.764	ng	98
8) 2-Chlorophenol	7.243	128	86099	4.908	ng	99
10) Phenol	6.872	94	102514	4.615	ng	96
11) bis(2-Chloroethyl)ether	7.096	93	81759	4.649	ng	99
12) 1,3-Dichlorobenzene	7.561	146	98674	4.925	ng	99
13) 1,4-Dichlorobenzene	7.708	146	97655	4.815	ng	99
14) 1,2-Dichlorobenzene	8.019	146	94897	4.899	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.190	45	115566	4.387	ng	95
17) 2-Methylphenol	8.108	107	69679	4.771	ng	97
18) Hexachloroethane	8.743	117	34390	4.908	ng	97
19) n-Nitroso-di-n-propyla...	8.466	70	58743	4.718	ng	99
22) Acetophenone	8.478	105	127156	4.927	ng	# 99
24) Nitrobenzene	8.849	77	86731	5.006	ng	99
25) Isophorone	9.378	82	167606	4.787	ng	99
26) 2-Nitrophenol	9.555	139	38871	6.573	ng	98
27) 2,4-Dimethylphenol	9.625	122	78015	5.220	ng	98
28) bis(2-Chloroethoxy)met...	9.849	93	108845	4.925	ng	99
29) 2,4-Dichlorophenol	10.090	162	76304	4.893	ng	97
30) 1,2,4-Trichlorobenzene	10.302	180	84591	5.002	ng	94
31) Naphthalene	10.484	128	276491	4.976	ng	99
33) 4-Chloroaniline	10.590	127	109680	5.080	ng	100
34) Hexachlorobutadiene	10.784	225	54446	5.030	ng	99
36) 4-Chloro-3-methylphenol	11.731	107	80314	4.924	ng	96
37) 2-Methylnaphthalene	12.107	142	187351	4.822	ng	98
38) 1-Methylnaphthalene	12.337	142	187981	4.977	ng	99
40) 1,2,4,5-Tetrachloroben...	12.478	216	97644	4.903	ng	99
43) 2,4,6-Trichlorophenol	12.725	196	61137	5.131	ng	98
44) 2,4,5-Trichlorophenol	12.796	196	68937	5.093	ng	97
46) 1,1'-Biphenyl	13.131	154	241240	4.917	ng	97
47) 2-Chloronaphthalene	13.166	162	187850	4.870	ng	99
48) 2-Nitroaniline	13.378	65	46485	5.239	ng	90
49) Acenaphthylene	14.031	152	304102	5.334	ng	99
50) Dimethylphthalate	13.766	163	236591	5.077	ng	100
51) 2,6-Dinitrotoluene	13.872	165	37885	4.835	ng	91

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 Acq On : 18 Nov 2025 15:12
 Operator : RC/JU
 Sample : SSTDICC005
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

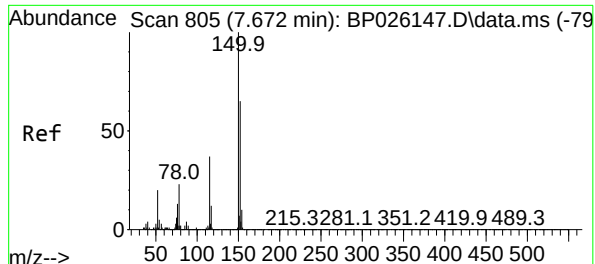
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 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.378	154	183221	4.803	ng	98
53) 3-Nitroaniline	14.201	138	46080	4.861	ng #	97
55) Dibenzofuran	14.725	168	286273	4.928	ng	99
57) 2,4-Dinitrotoluene	14.678	165	58186	5.089	ng	97
58) Fluorene	15.384	166	232855	5.102	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	58158	5.425	ng	99
60) Diethylphthalate	15.160	149	240172	5.123	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	115474	5.076	ng	97
62) 4-Nitroaniline	15.395	138	50292	5.003	ng	97
63) Azobenzene	15.678	77	193050	4.580	ng	99
66) n-Nitrosodiphenylamine	15.595	169	201167	4.795	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	69962	4.680	ng	98
68) Hexachlorobenzene	16.413	284	81728	4.805	ng	97
69) Atrazine	16.589	200	73147	5.086	ng	99
71) Phenanthrene	17.178	178	379854	4.882	ng	100
72) Anthracene	17.266	178	377623	4.865	ng	99
73) Carbazole	17.554	167	364556	4.990	ng	100
74) Di-n-butylphthalate	18.148	149	410422	4.968	ng	100
75) Fluoranthene	19.266	202	465623	5.107	ng	100
78) Pyrene	19.642	202	493981	4.740	ng	100
80) Butylbenzylphthalate	20.613	149	212828	6.092	ng	100
81) Benzo(a)anthracene	21.560	228	535793	5.028	ng	99
83) Chrysene	21.630	228	506265	5.012	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	328471	5.749	ng	99
87) Indeno(1,2,3-cd)pyrene	28.677	276	649473	4.913	ng	99
88) Benzo(b)fluoranthene	23.854	252	535938	4.848	ng	100
89) Benzo(k)fluoranthene	23.930	252	543312	4.807	ng	99
90) Benzo(a)pyrene	24.754	252	504836	4.939	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	530340	4.920	ng	99
92) Benzo(g,h,i)perylene	29.853	276	529220	5.083	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

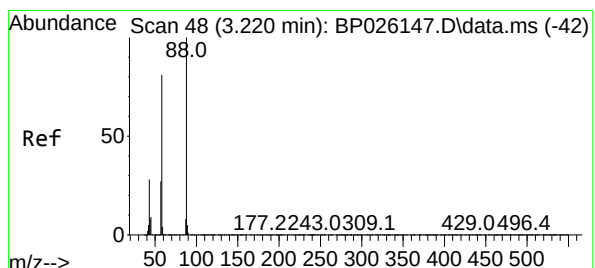
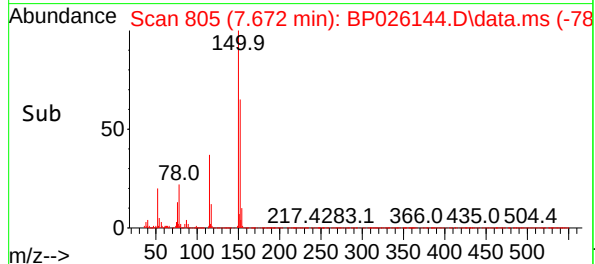
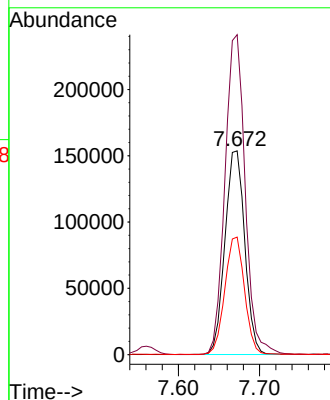
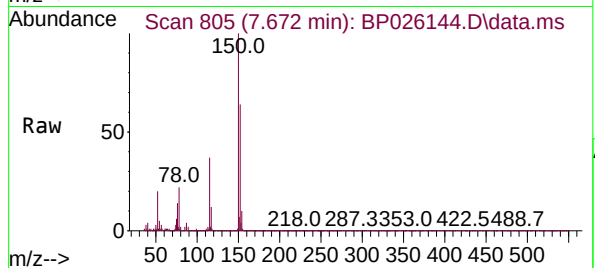
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- 17
- 18



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

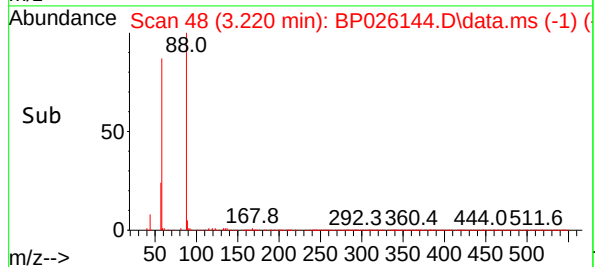
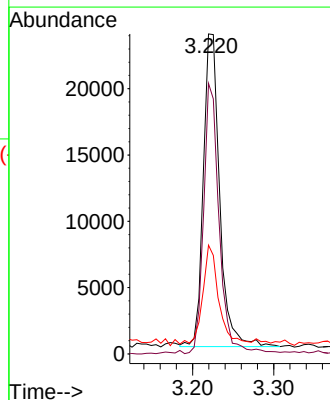
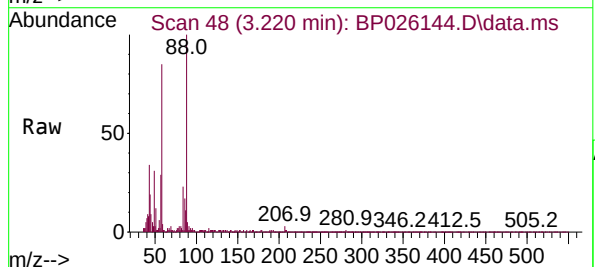
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ClientSampleId :
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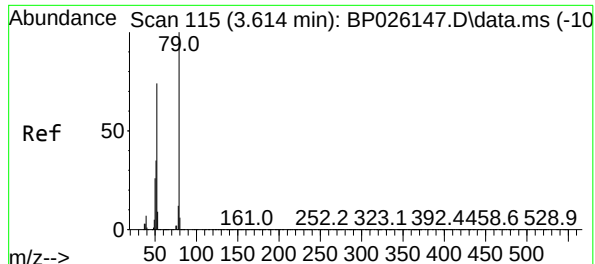
Tgt Ion:152 Resp: 261259
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 57.7 46.3 69.5



#2
1,4-Dioxane
Concen: 4.981 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 88 Resp: 33093
Ion Ratio Lower Upper
88 100
58 82.3 64.2 96.4
43 30.9 21.5 32.3

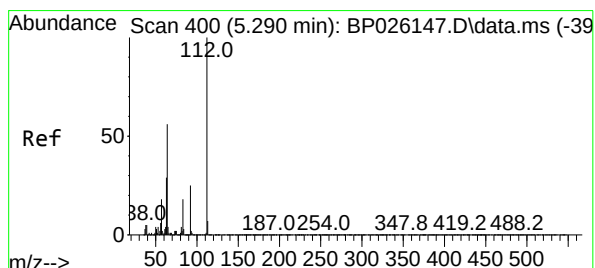
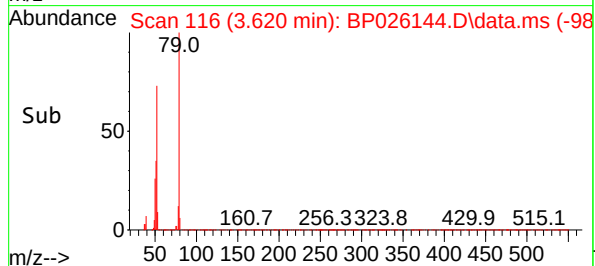
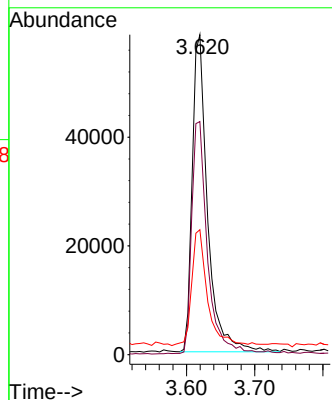
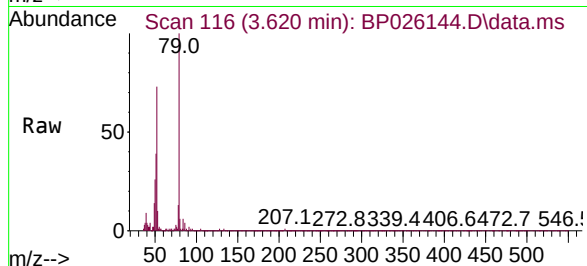




#3
Pyridine
Concen: 4.844 ng
RT: 3.620 min Scan# 115
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

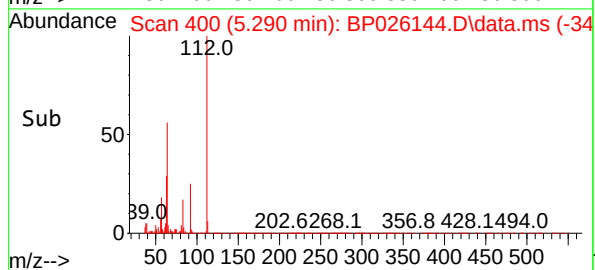
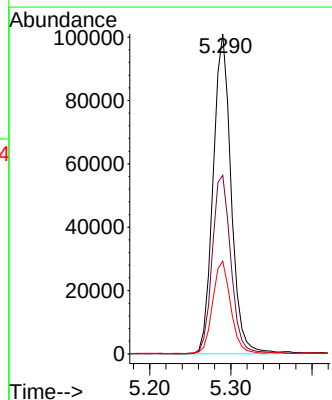
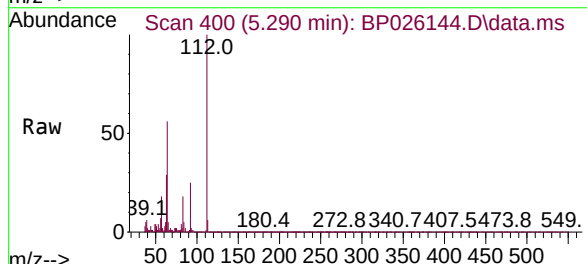
Instrument :
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ClientSampleId :
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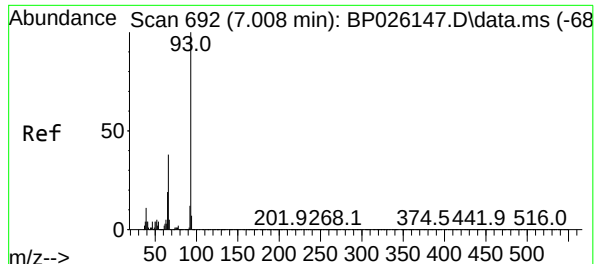
Tgt Ion: 79 Resp: 91499
Ion Ratio Lower Upper
79 100
52 72.8 60.2 90.2
51 39.0 29.5 44.3



#5
2-Fluorophenol
Concen: 9.842 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 112 Resp: 155849
Ion Ratio Lower Upper
112 100
64 55.8 45.8 68.6
63 29.0 23.5 35.3

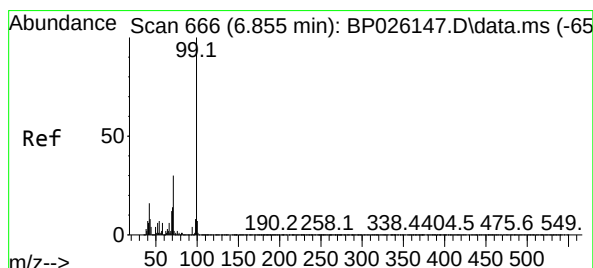
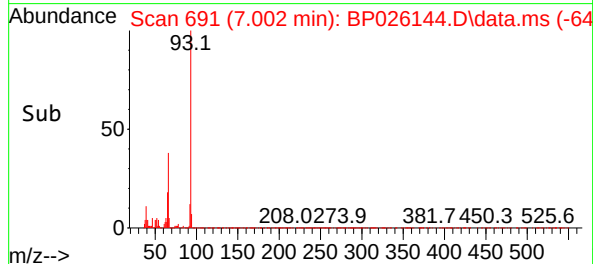
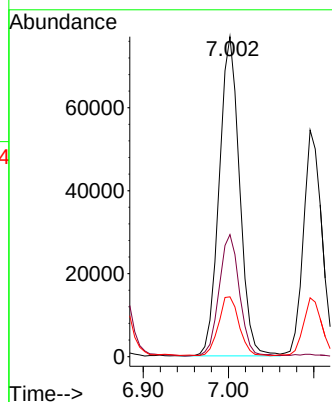
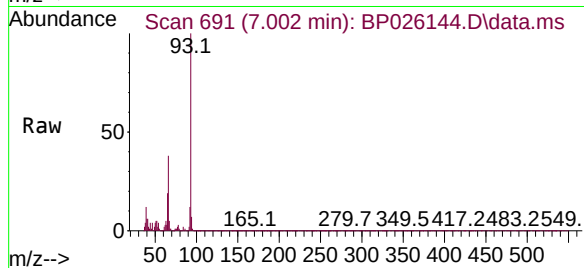




#6
Aniline
Concen: 4.764 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

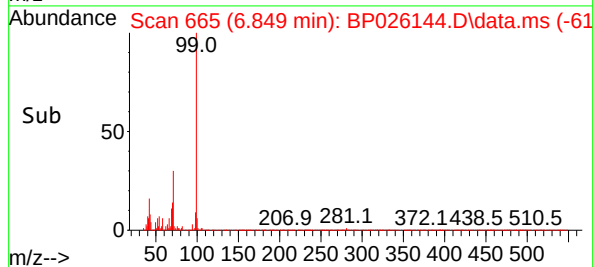
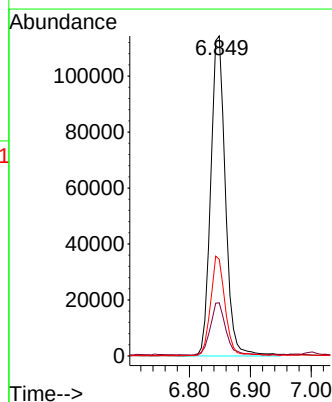
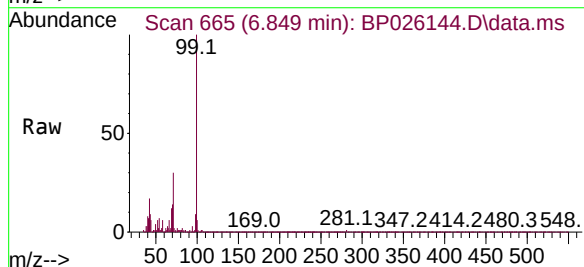
Instrument :
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ClientSampleId :
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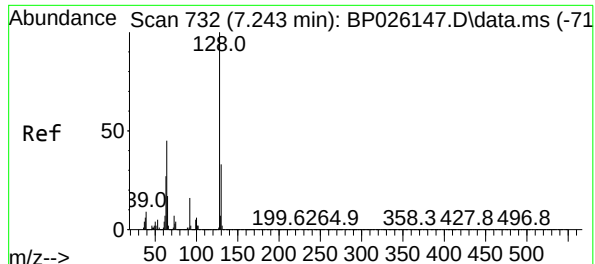
Tgt Ion: 93 Resp: 127562
Ion Ratio Lower Upper
93 100
66 38.1 31.7 47.5
65 18.7 15.8 23.6



#7
Phenol-d6
Concen: 9.528 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 99 Resp: 191404
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 30.2 24.8 37.2

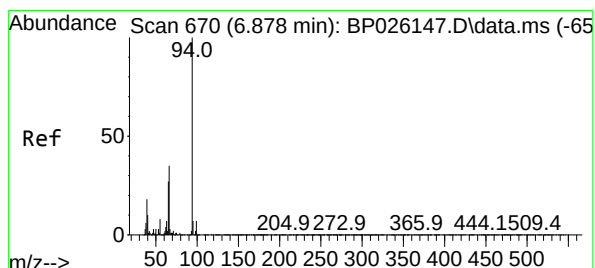
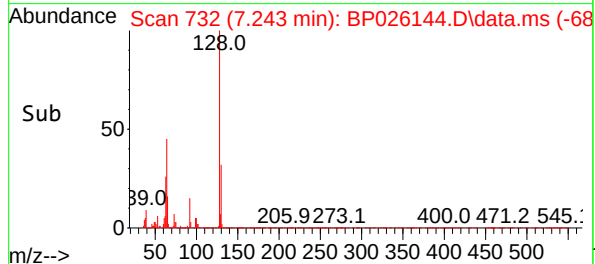
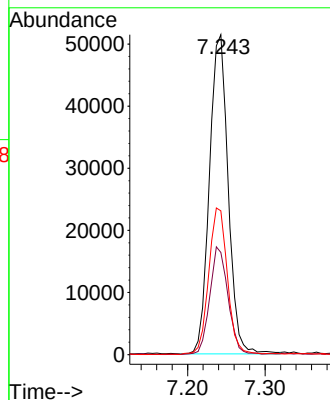
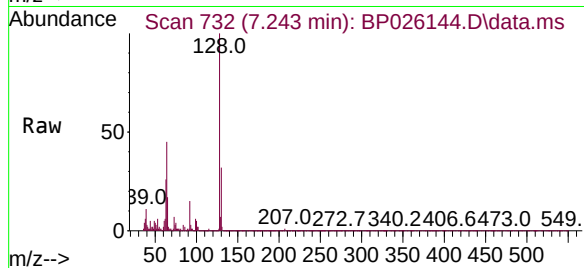




#8
2-Chlorophenol
Concen: 4.908 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

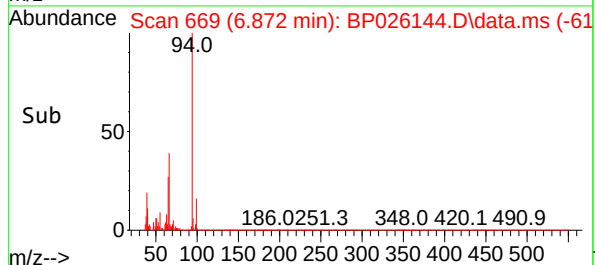
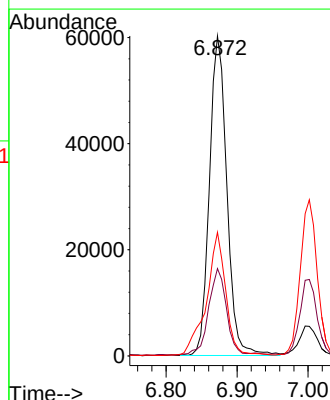
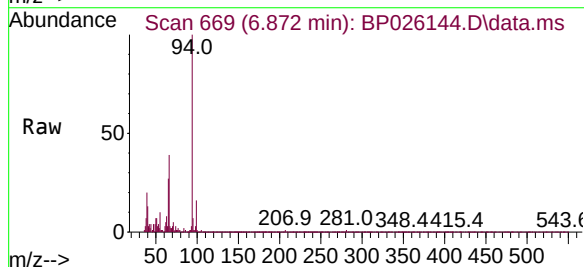
Instrument :
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ClientSampleId :
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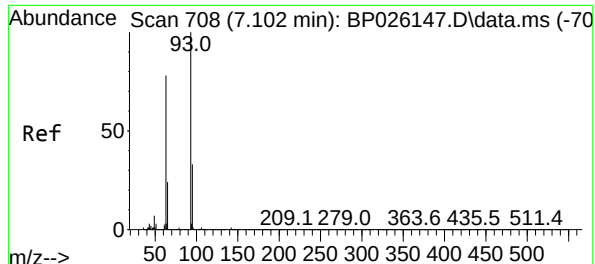
Tgt Ion:128 Resp: 86099
Ion Ratio Lower Upper
128 100
130 31.9 12.4 52.4
64 44.9 23.9 63.9



#10
Phenol
Concen: 4.615 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 94 Resp: 102514
Ion Ratio Lower Upper
94 100
65 27.3 7.0 47.0
66 38.6 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 4.649 ng

RT: 7.096 min Scan# 708

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

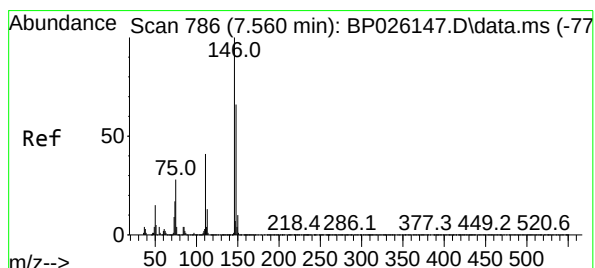
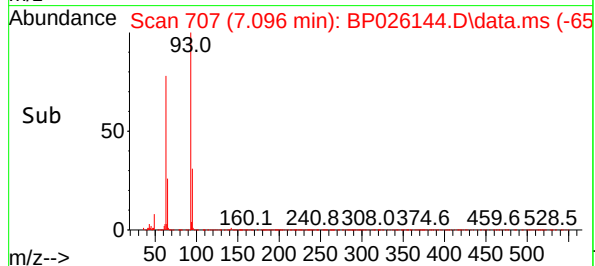
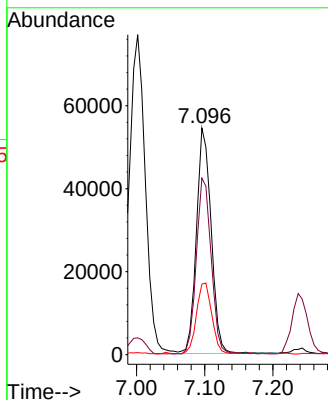
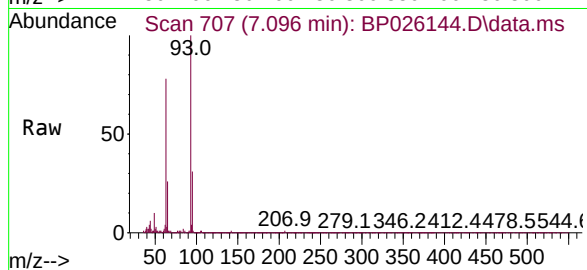
Tgt Ion: 93 Resp: 81759

Ion Ratio Lower Upper

93 100

63 77.9 58.8 98.8

95 31.1 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 4.925 ng

RT: 7.561 min Scan# 786

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

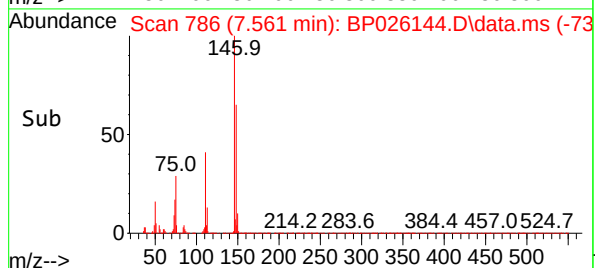
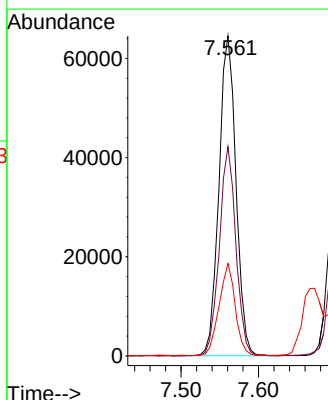
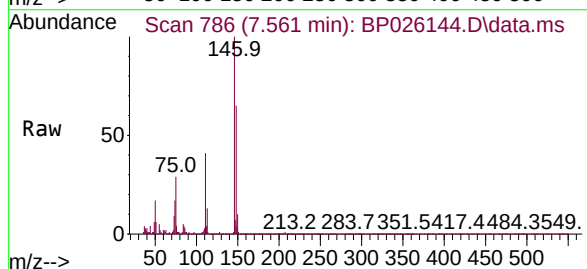
Tgt Ion: 146 Resp: 98674

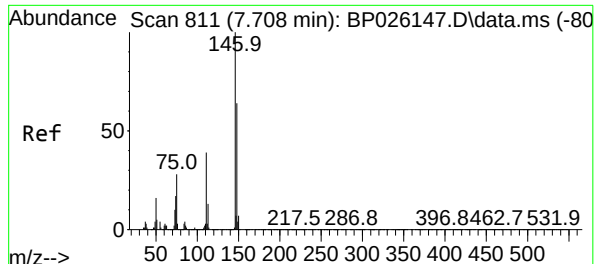
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

75 28.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 4.815 ng

RT: 7.708 min Scan# 811

Delta R.T. 0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

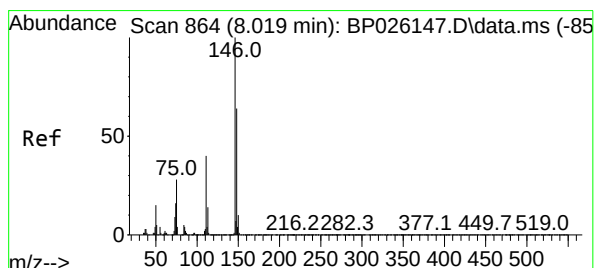
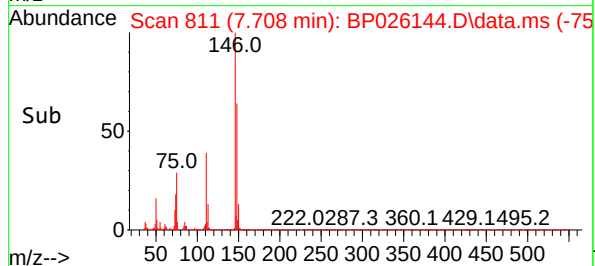
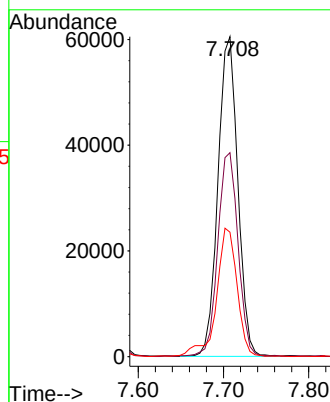
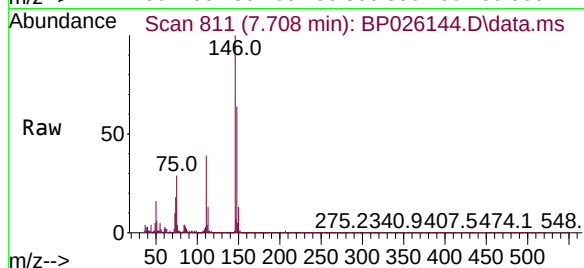
Tgt Ion:146 Resp: 97655

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

111 38.9 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 4.899 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

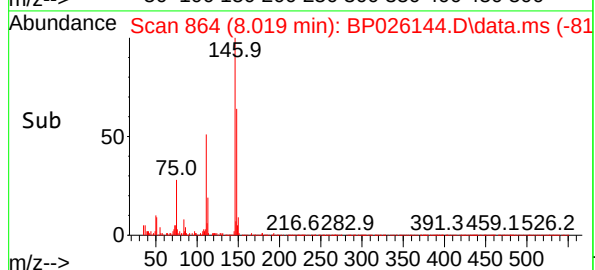
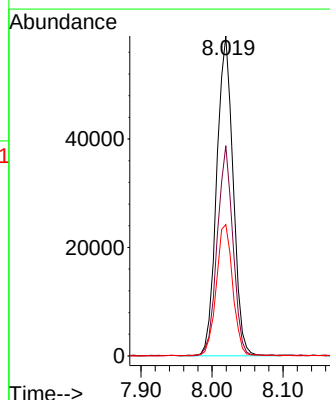
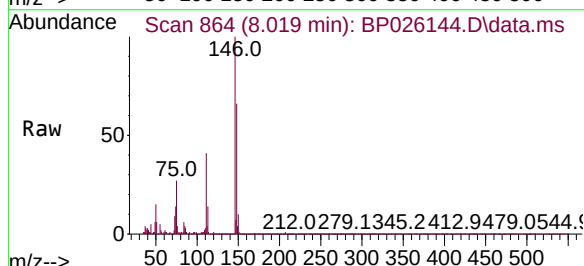
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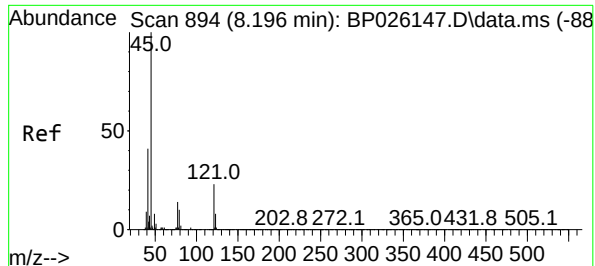
Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.6

111 41.0 33.0 49.4





#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.387 ng

RT: 8.190 min Scan# 894

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

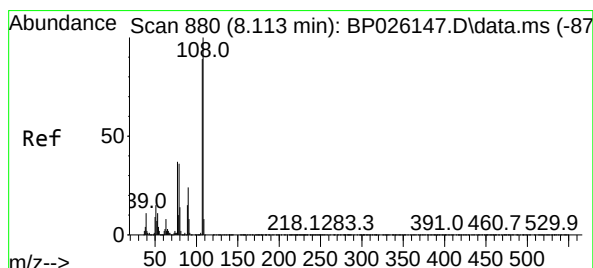
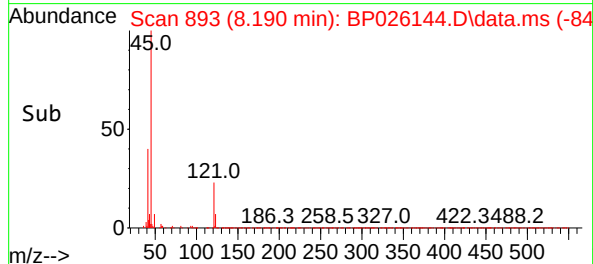
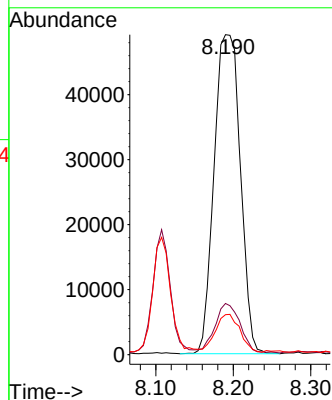
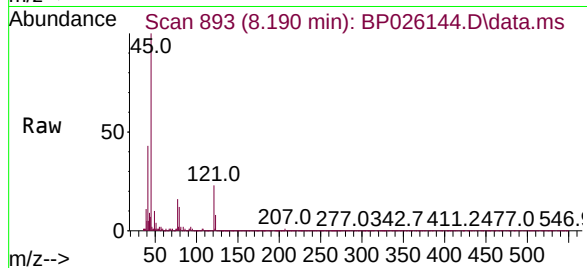
Tgt Ion: 45 Resp: 115566

Ion Ratio Lower Upper

45 100

77 16.0 0.0 33.9

79 12.5 0.0 30.4



#17

2-Methylphenol

Concen: 4.771 ng

RT: 8.108 min Scan# 879

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Tgt Ion: 107 Resp: 69679

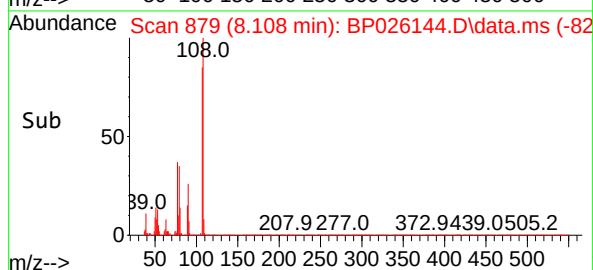
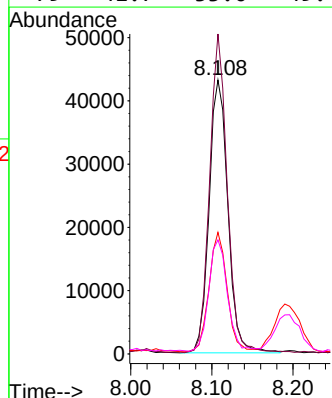
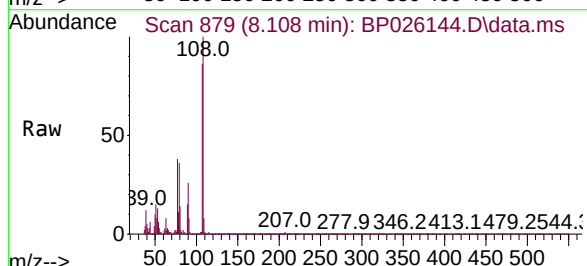
Ion Ratio Lower Upper

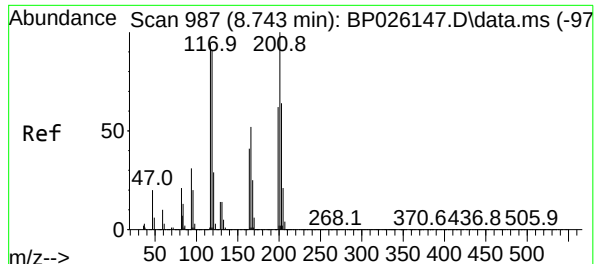
107 100

108 116.9 89.7 134.5

77 44.4 33.9 50.9

79 41.7 33.0 49.4





#18

Hexachloroethane

Concen: 4.908 ng

RT: 8.743 min Scan# 987

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

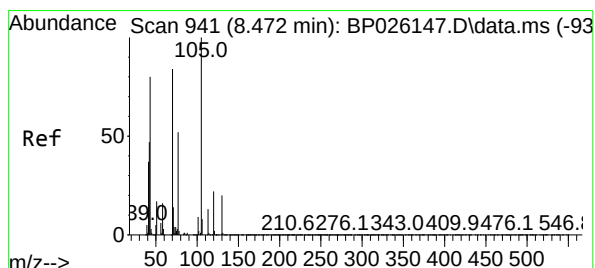
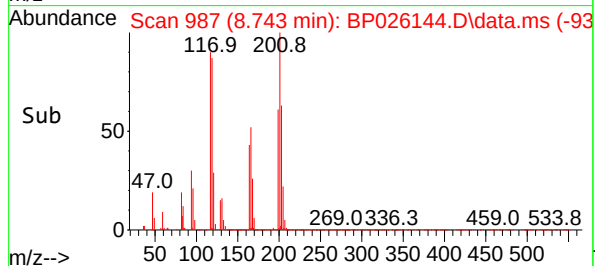
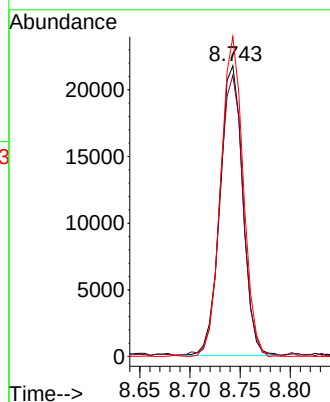
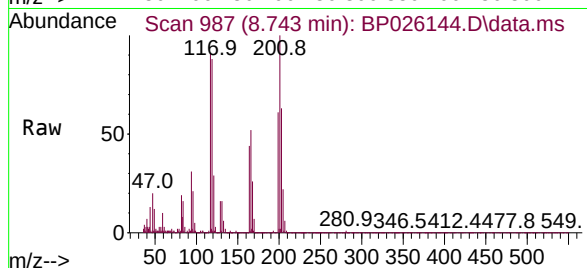
Tgt Ion:117 Resp: 34390

Ion Ratio Lower Upper

117 100

119 96.7 78.7 118.1

201 110.0 85.1 127.7



#19

n-Nitroso-di-n-propylamine

Concen: 4.718 ng

RT: 8.466 min Scan# 940

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Tgt Ion: 70 Resp: 58743

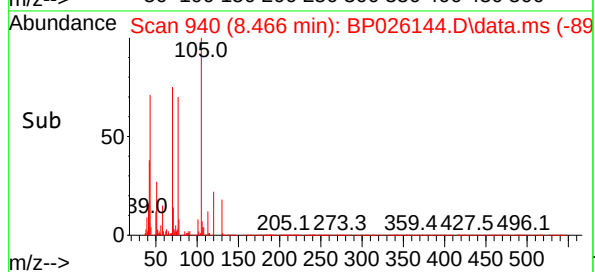
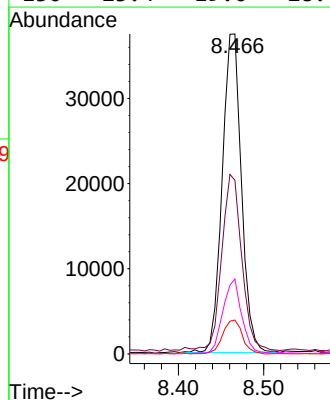
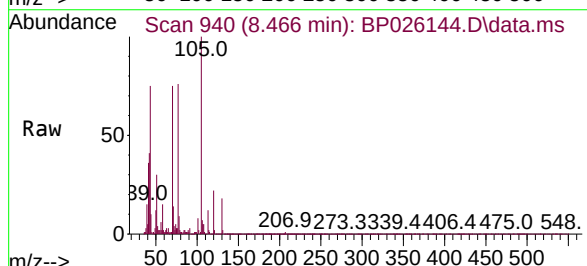
Ion Ratio Lower Upper

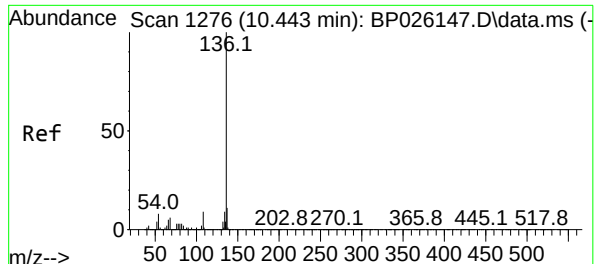
70 100

42 54.3 44.1 66.1

101 10.6 8.2 12.4

130 23.4 19.0 28.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.437 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 1023584

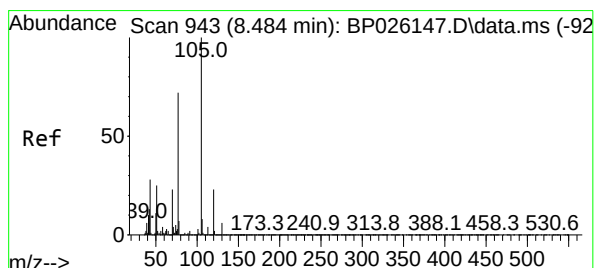
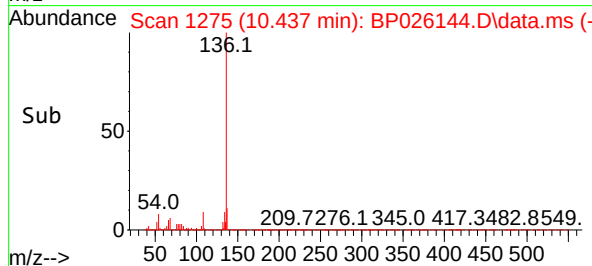
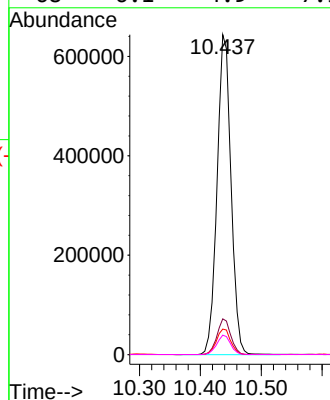
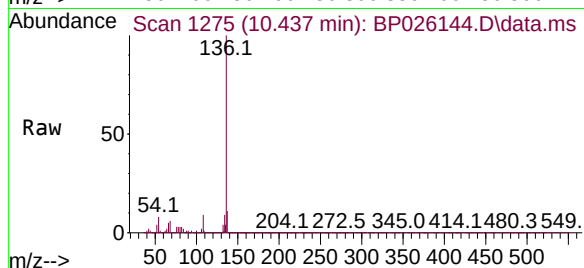
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.0 6.4 9.6

68 6.1 4.9 7.3



#22

Acetophenone

Concen: 4.927 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Tgt Ion:105 Resp: 127156

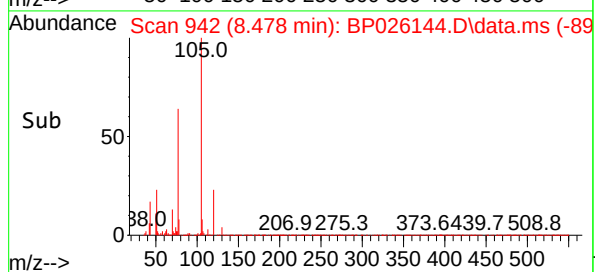
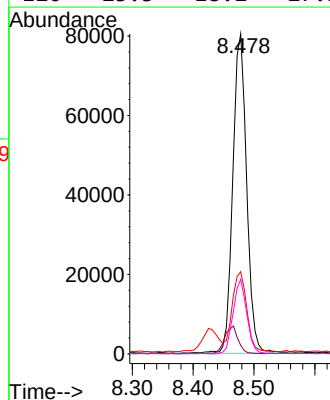
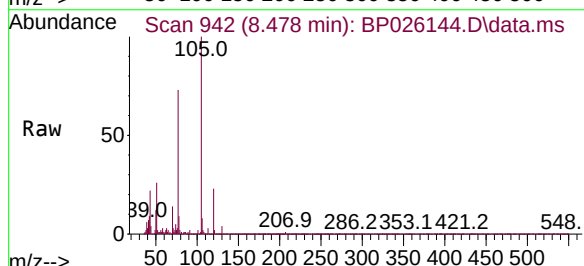
Ion Ratio Lower Upper

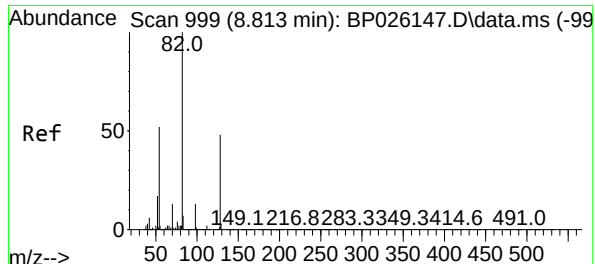
105 100

71 2.7 3.0 4.4#

51 25.7 20.5 30.7

120 23.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 10.379 ng

RT: 8.807 min Scan# 99

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

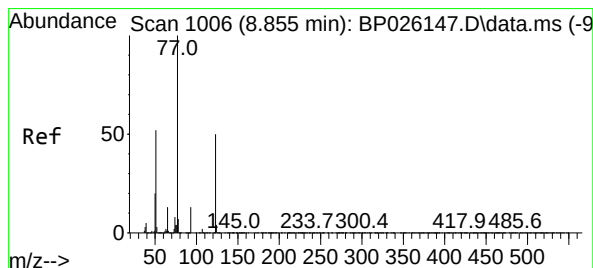
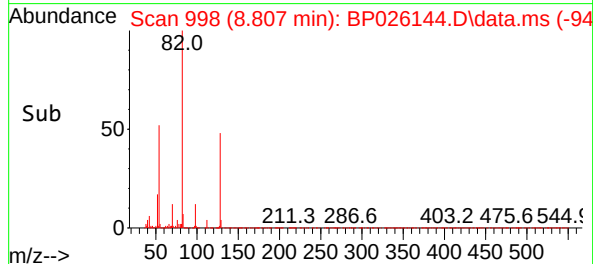
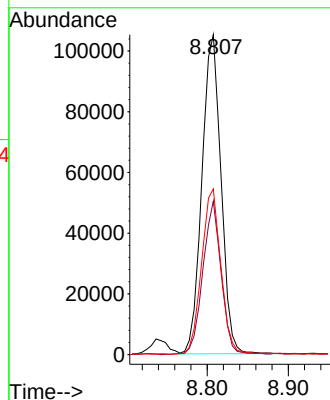
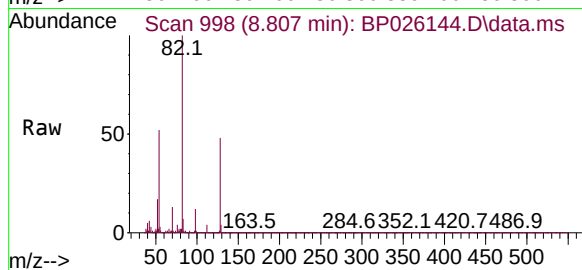
Tgt Ion: 82 Resp: 171702

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.0

54 51.8 41.6 62.4



#24

Nitrobenzene

Concen: 5.006 ng

RT: 8.849 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

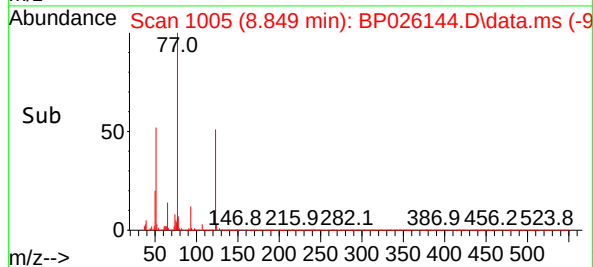
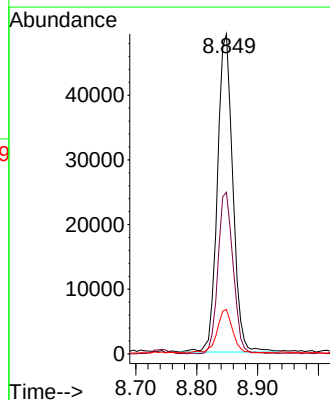
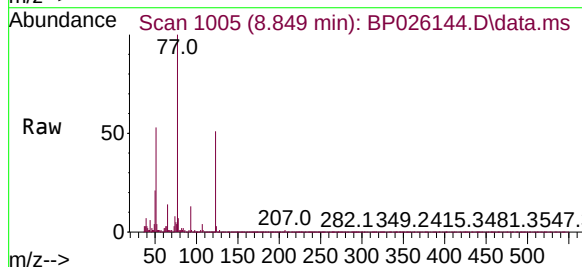
Tgt Ion: 77 Resp: 86731

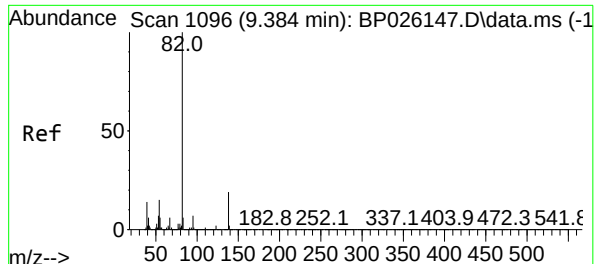
Ion Ratio Lower Upper

77 100

123 50.5 39.8 59.8

65 13.9 11.2 16.8

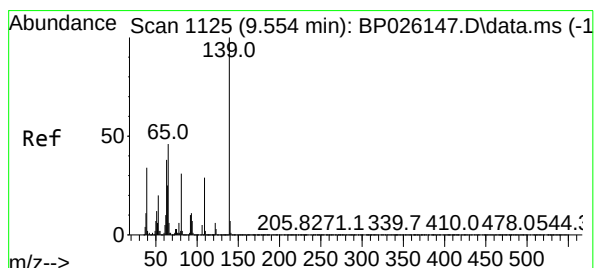
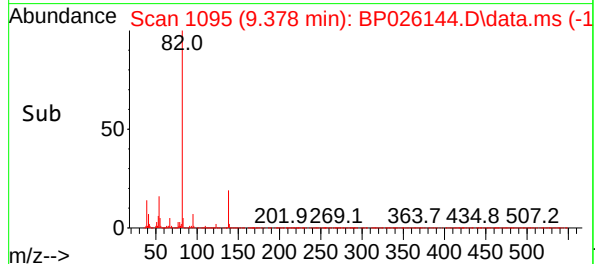
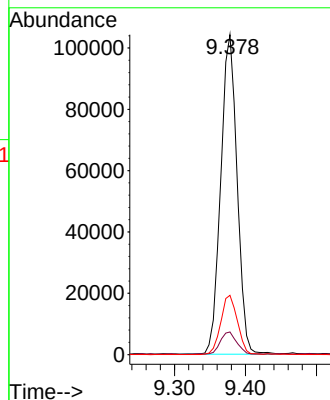
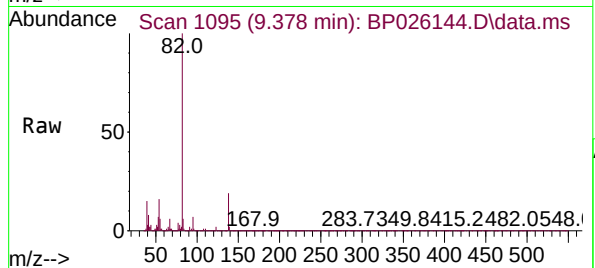




#25
Isophorone
Concen: 4.787 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

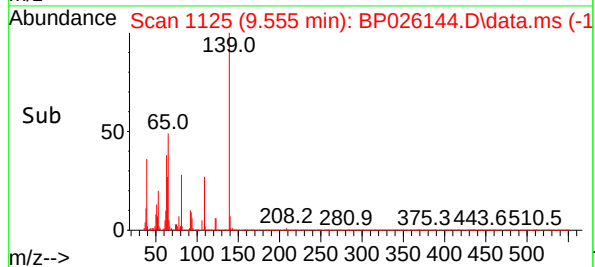
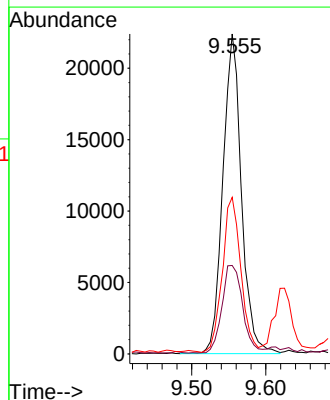
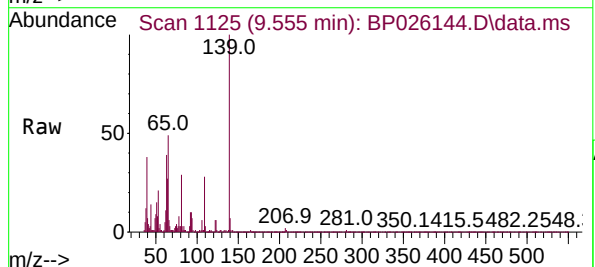
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

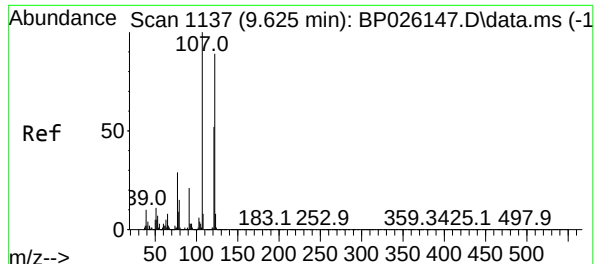
Tgt Ion: 82 Resp: 167606
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 18.5 15.4 23.0



#26
2-Nitrophenol
Concen: 6.573 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 139 Resp: 38871
Ion Ratio Lower Upper
139 100
109 27.6 22.3 33.5
65 48.9 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 5.220 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

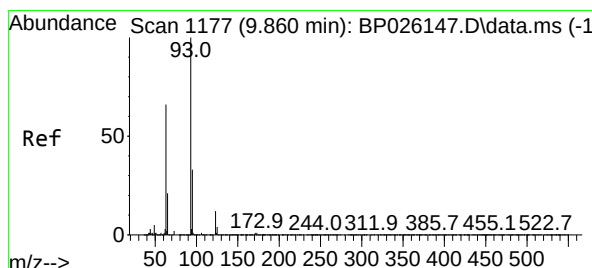
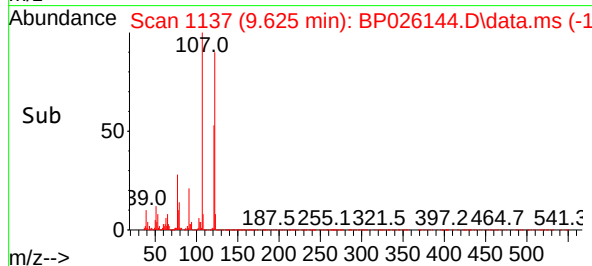
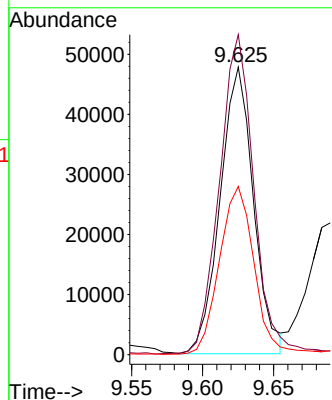
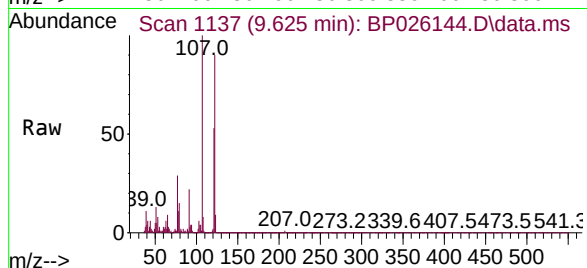
Tgt Ion:122 Resp: 78015

Ion Ratio Lower Upper

122 100

107 111.3 91.0 136.6

121 58.5 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 4.925 ng

RT: 9.849 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

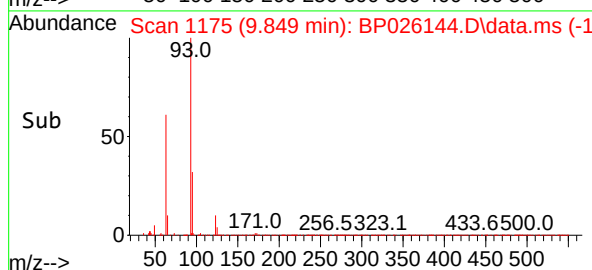
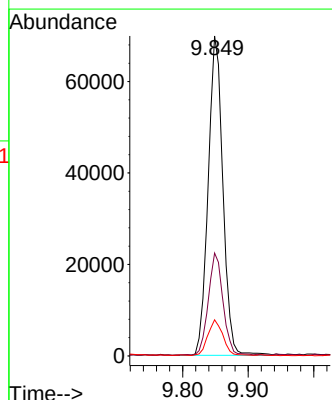
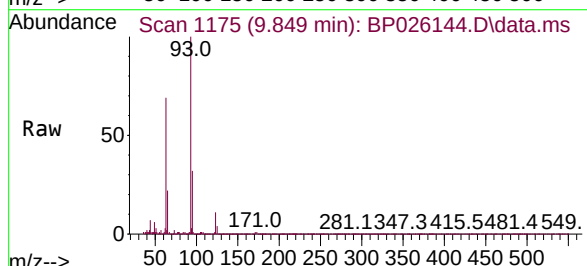
Tgt Ion: 93 Resp: 108845

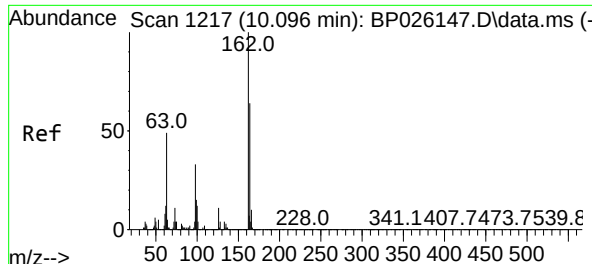
Ion Ratio Lower Upper

93 100

95 32.1 26.4 39.6

123 11.3 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 4.893 ng

RT: 10.090 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

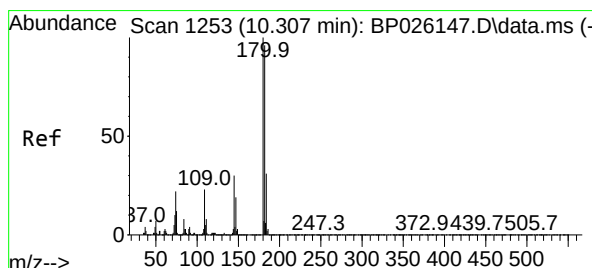
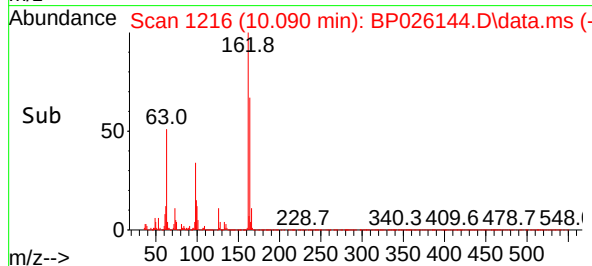
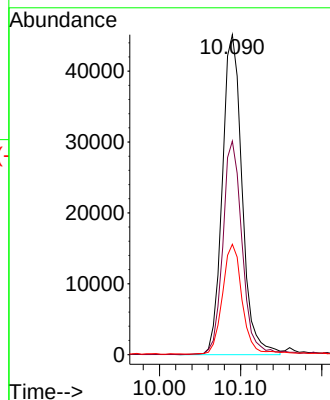
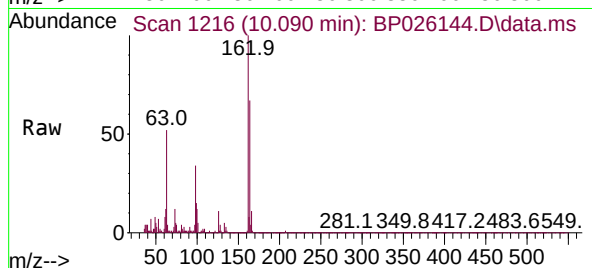
Tgt Ion:162 Resp: 76304

Ion Ratio Lower Upper

162 100

164 66.7 43.8 83.8

98 34.5 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 5.002 ng

RT: 10.302 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

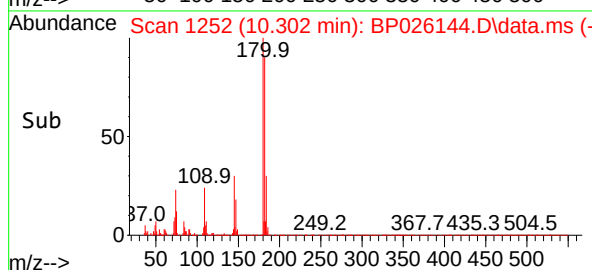
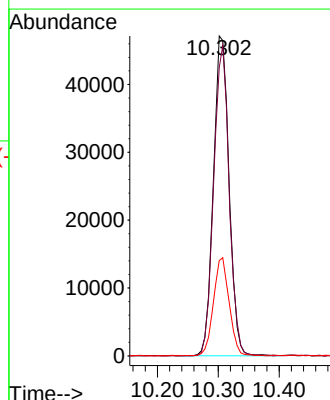
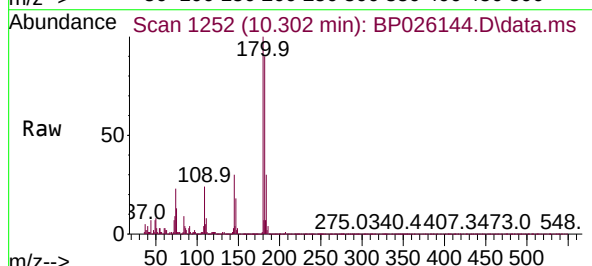
Tgt Ion:180 Resp: 84591

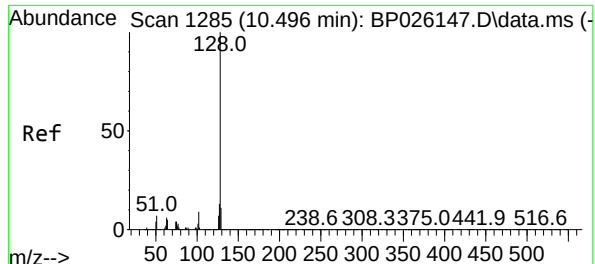
Ion Ratio Lower Upper

180 100

182 90.1 78.1 117.1

145 29.8 24.2 36.4





#31

Naphthalene

Concen: 4.976 ng

RT: 10.484 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

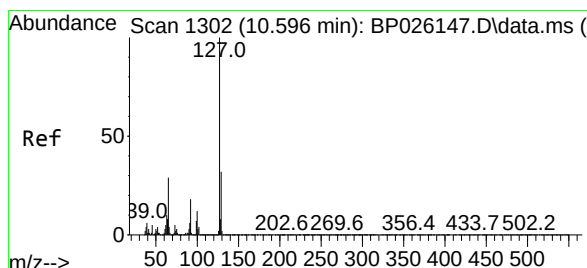
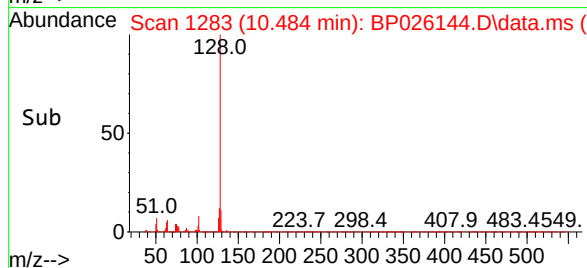
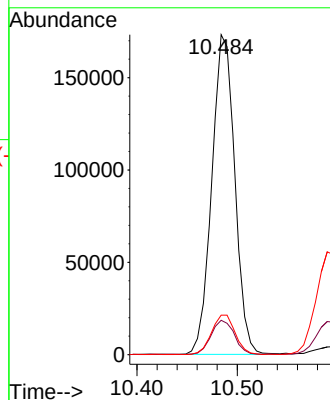
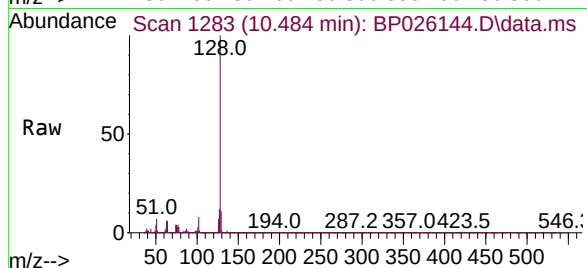
Tgt Ion:128 Resp: 276491

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

127 12.3 10.2 15.4



#33

4-Chloroaniline

Concen: 5.080 ng

RT: 10.590 min Scan# 1301

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Tgt Ion:127 Resp: 109680

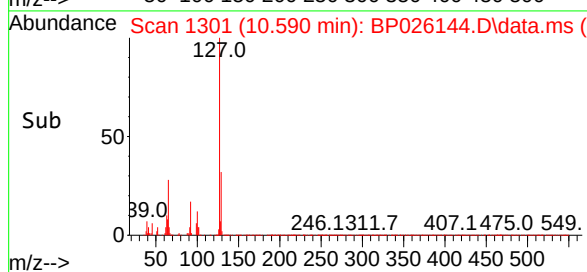
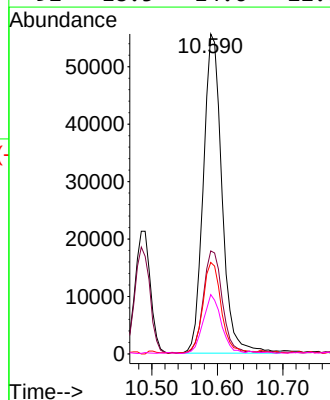
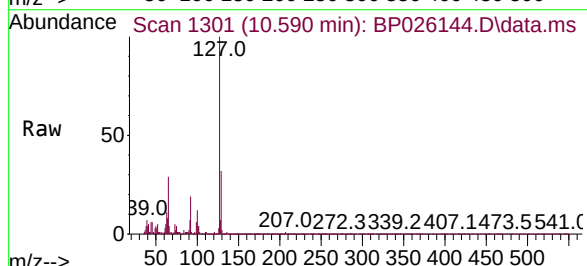
Ion Ratio Lower Upper

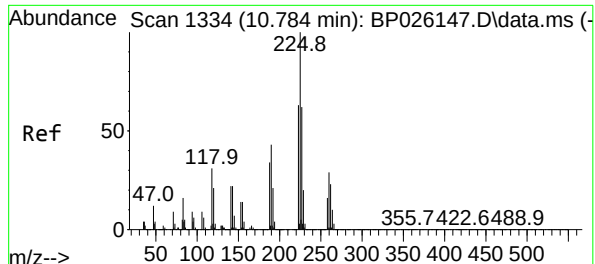
127 100

129 32.2 25.8 38.8

65 28.6 22.7 34.1

92 18.5 14.6 22.0





#34

Hexachlorobutadiene

Concen: 5.030 ng

RT: 10.784 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

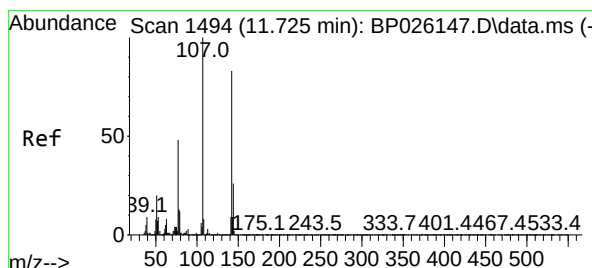
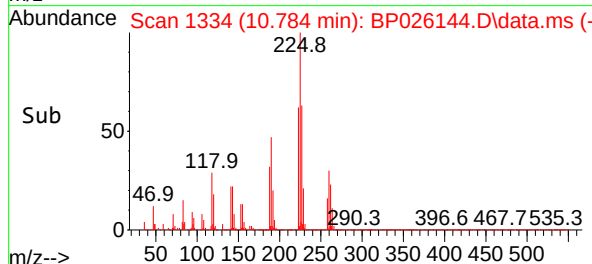
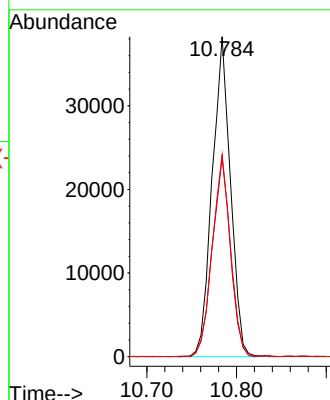
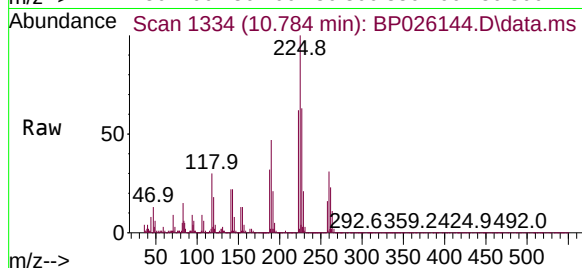
Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:	225	Resp:	54446
Ion Ratio	Lower	Upper	
225	100		
223	62.2	49.6	74.4
227	63.1	51.2	76.8



#36

4-Chloro-3-methylphenol

Concen: 4.924 ng

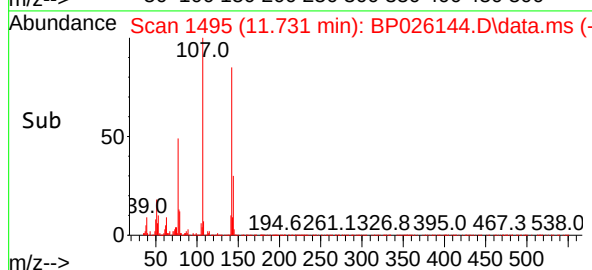
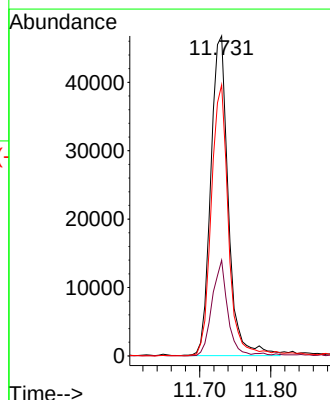
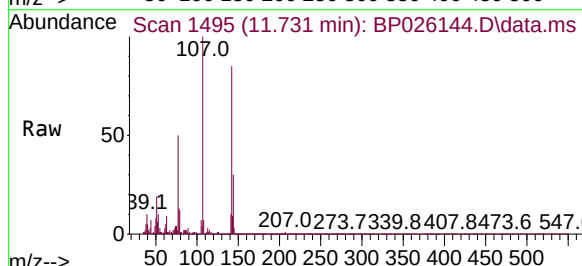
RT: 11.731 min Scan# 1495

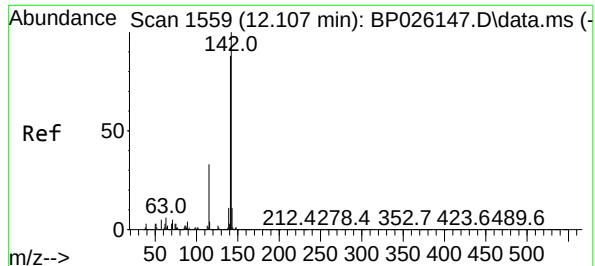
Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Tgt Ion:	107	Resp:	80314
Ion Ratio	Lower	Upper	
107	100		
144	29.9	21.6	32.4
142	84.7	65.6	98.4





#37

2-Methylnaphthalene

Concen: 4.822 ng

RT: 12.107 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

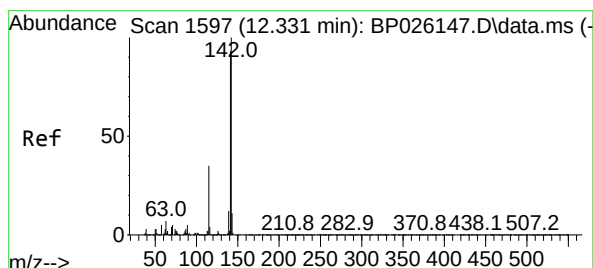
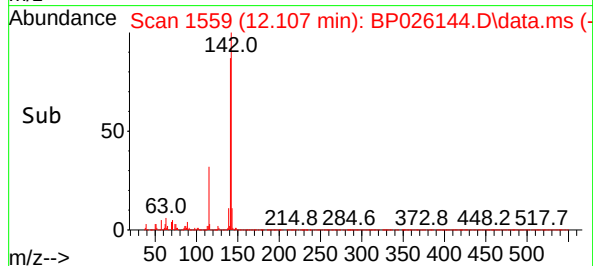
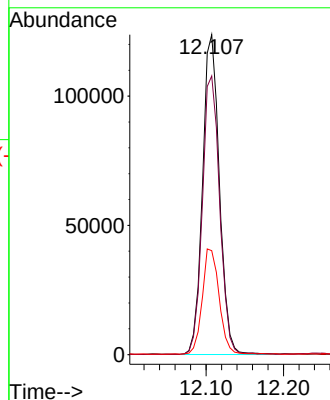
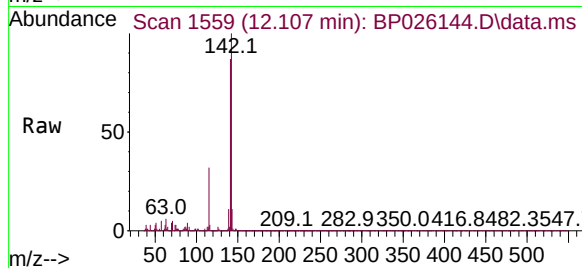
Tgt Ion:142 Resp: 187351

Ion Ratio Lower Upper

142 100

141 87.1 71.0 106.6

115 32.5 26.6 39.8



#38

1-Methylnaphthalene

Concen: 4.977 ng

RT: 12.337 min Scan# 1598

Delta R.T. 0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

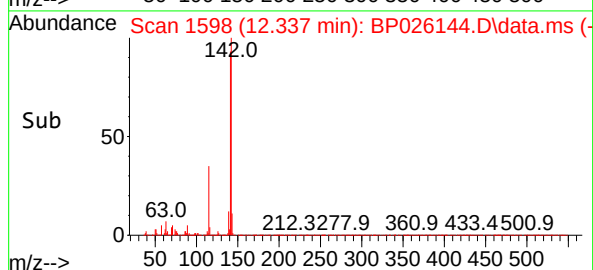
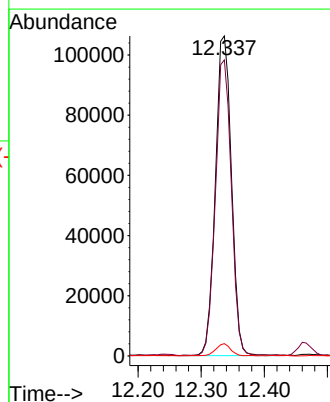
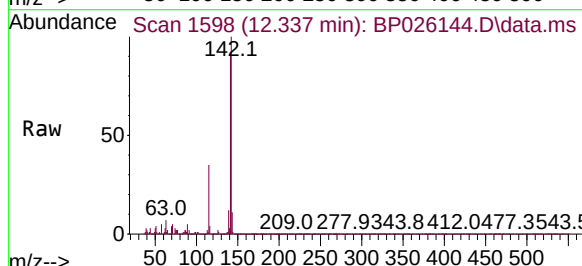
Tgt Ion:142 Resp: 187981

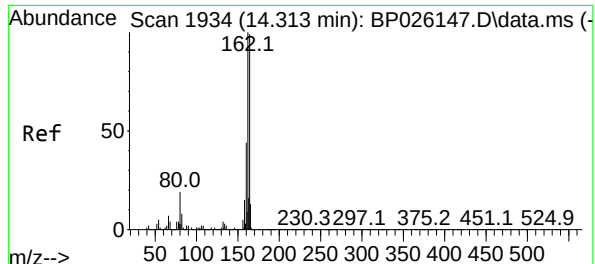
Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3

116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

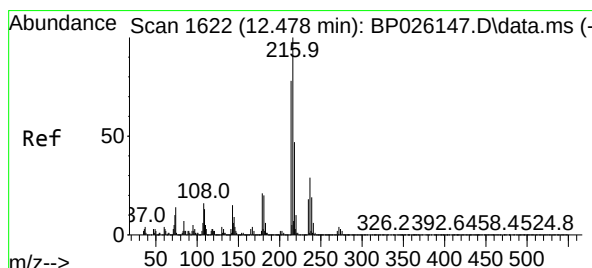
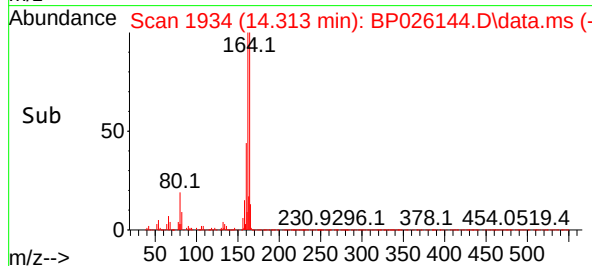
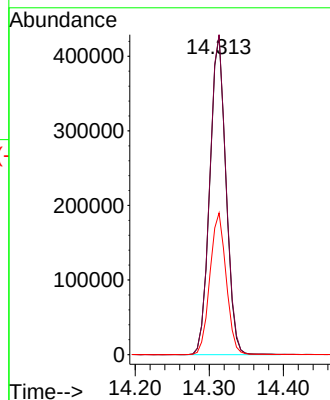
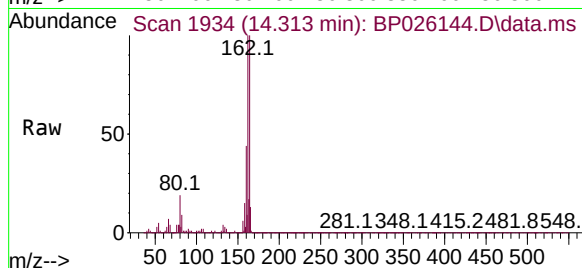
Tgt Ion:164 Resp: 643620

Ion Ratio Lower Upper

164 100

162 100.3 80.3 120.5

160 44.4 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.903 ng

RT: 12.478 min Scan# 1622

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Tgt Ion:216 Resp: 97644

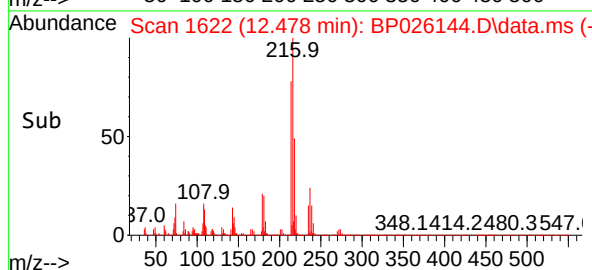
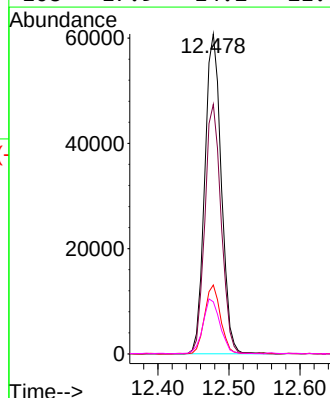
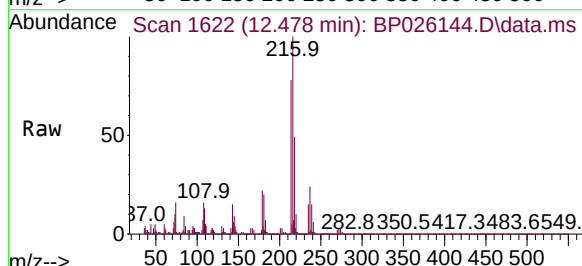
Ion Ratio Lower Upper

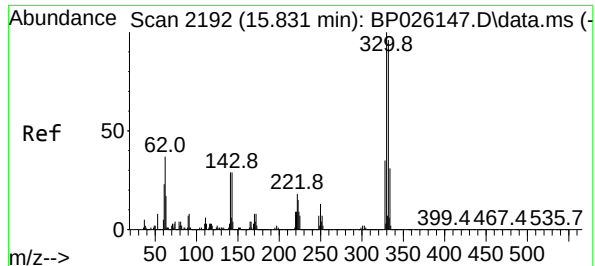
216 100

214 77.2 62.6 94.0

179 20.7 16.6 25.0

108 17.9 14.2 21.4





#42

2,4,6-Tribromophenol

Concen: 11.005 ng

RT: 15.831 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

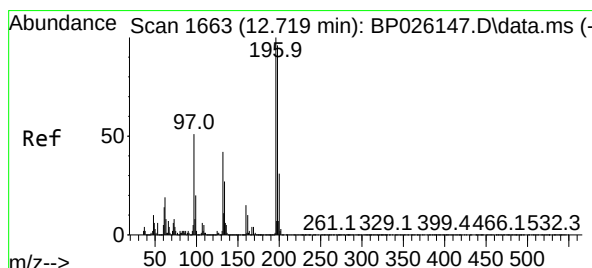
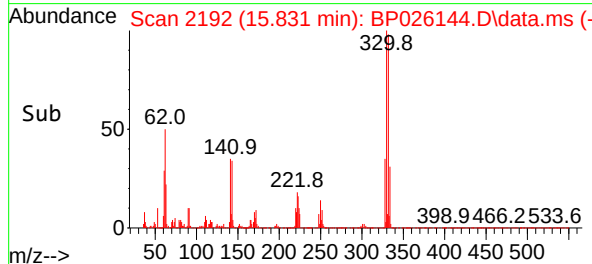
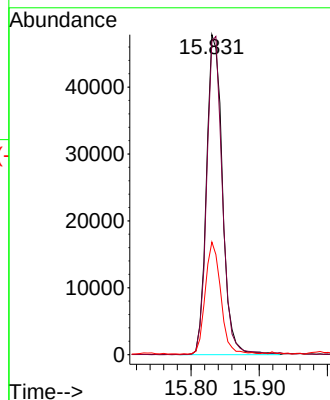
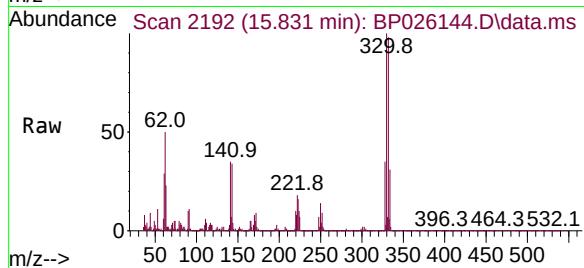
Tgt Ion:330 Resp: 77590

Ion Ratio Lower Upper

330 100

332 97.3 78.0 117.0

141 34.4 26.8 40.2



#43

2,4,6-Trichlorophenol

Concen: 5.131 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

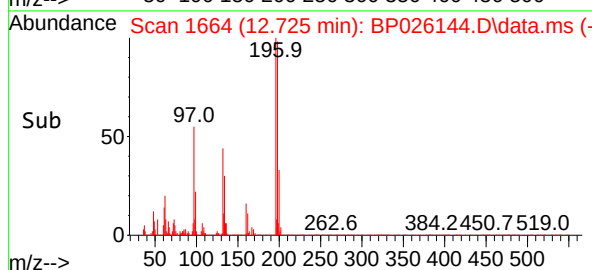
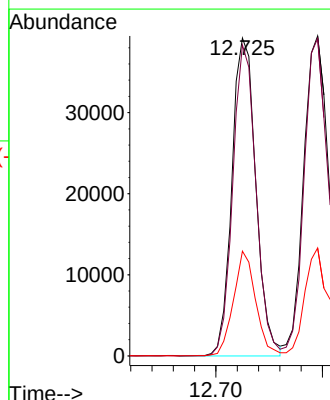
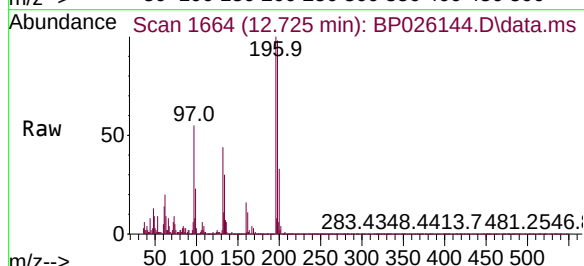
Tgt Ion:196 Resp: 61137

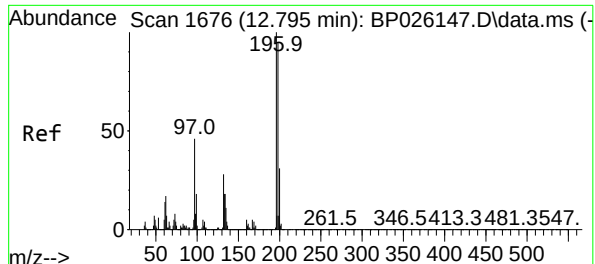
Ion Ratio Lower Upper

196 100

198 97.8 76.9 115.3

200 33.0 24.6 37.0





#44

2,4,5-Trichlorophenol

Concen: 5.093 ng

RT: 12.796 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 68937

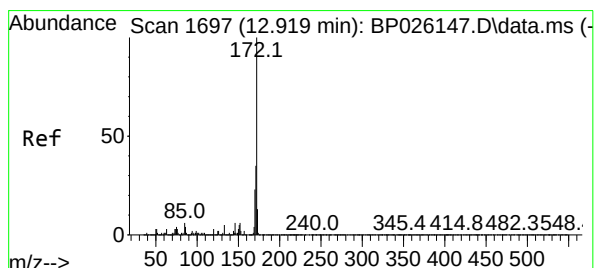
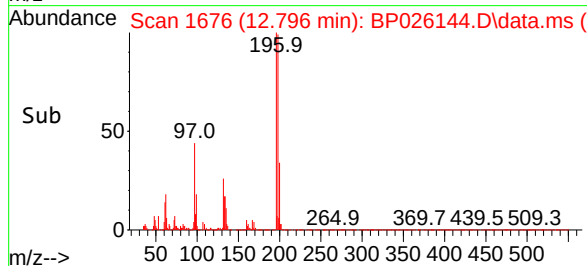
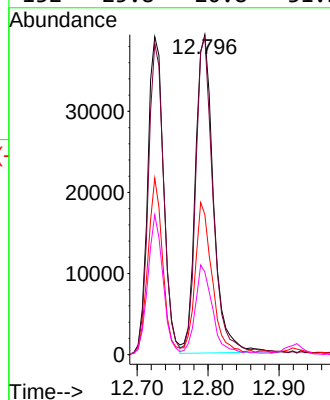
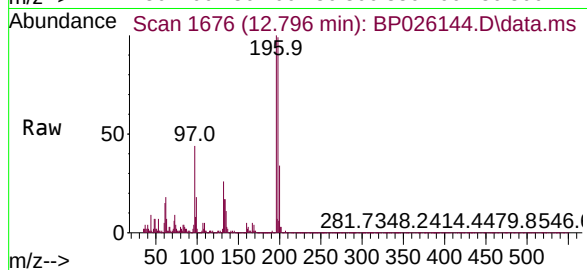
Ion Ratio Lower Upper

196 100

198 99.2 76.4 114.6

97 43.8 35.7 53.5

132 25.8 20.8 31.2



#45

2-Fluorobiphenyl

Concen: 10.313 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

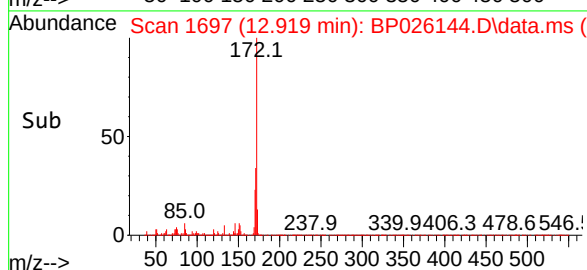
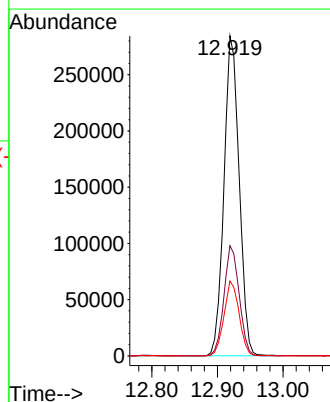
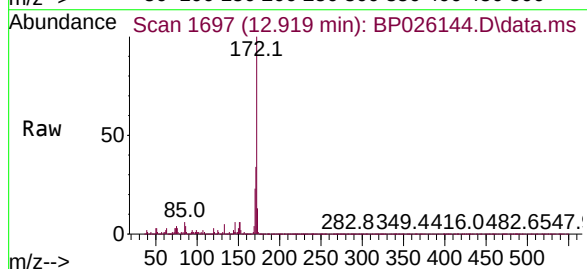
Tgt Ion:172 Resp: 460038

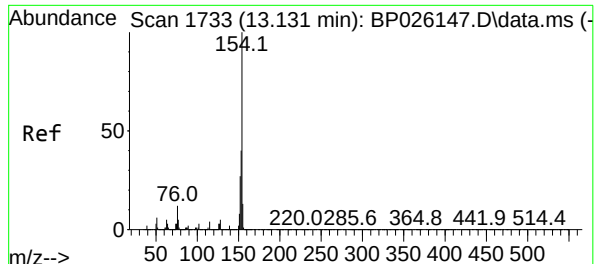
Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.4

170 23.4 18.7 28.1





#46

1,1'-Biphenyl

Concen: 4.917 ng

RT: 13.131 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

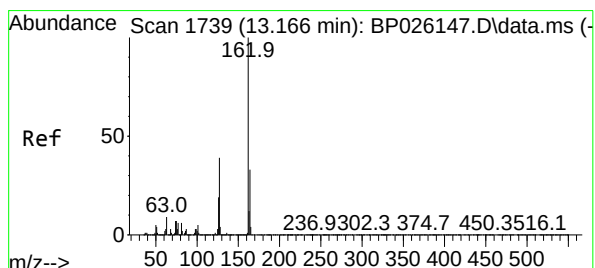
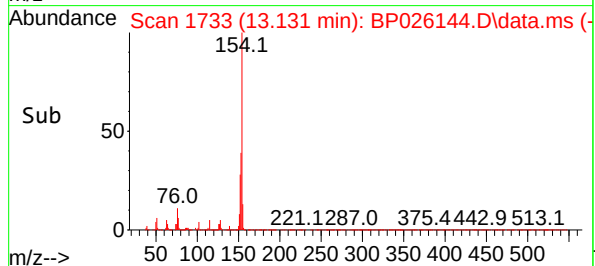
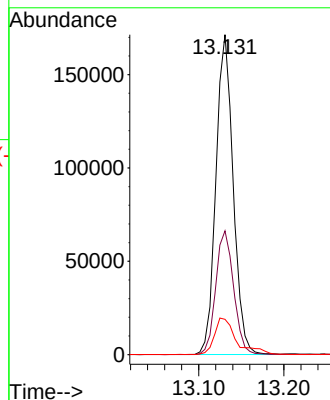
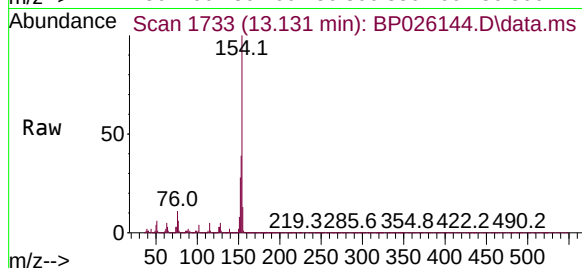
Tgt Ion:154 Resp: 241240

Ion Ratio Lower Upper

154 100

153 38.7 20.3 60.3

76 11.0 0.0 32.3



#47

2-Chloronaphthalene

Concen: 4.870 ng

RT: 13.166 min Scan# 1739

Delta R.T. -0.017 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

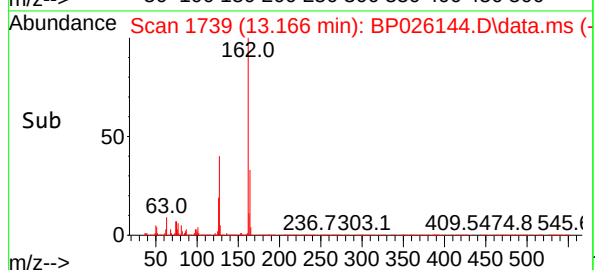
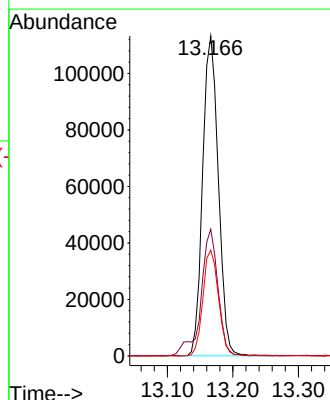
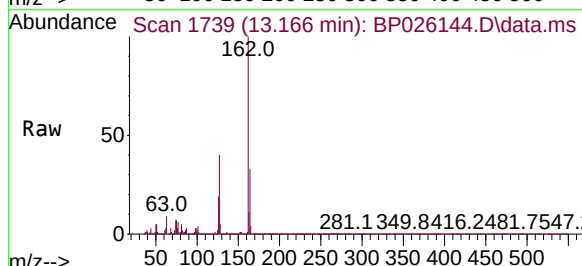
Tgt Ion:162 Resp: 187850

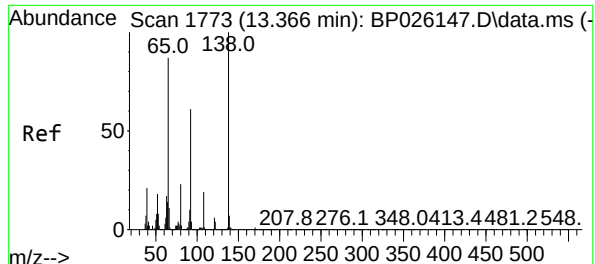
Ion Ratio Lower Upper

162 100

127 39.6 30.9 46.3

164 33.0 26.4 39.6

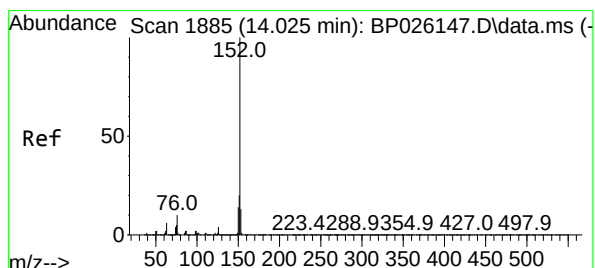
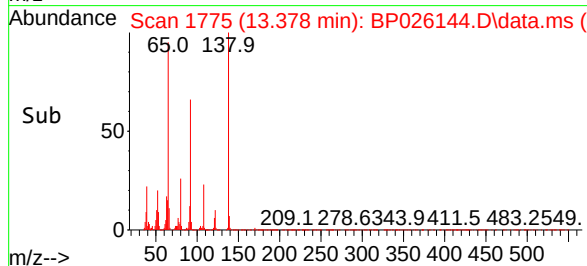
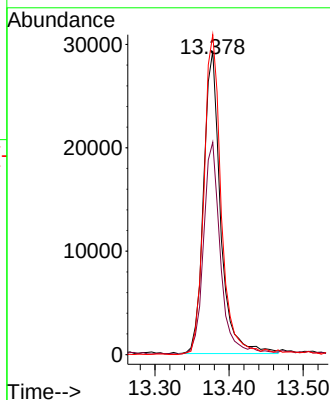
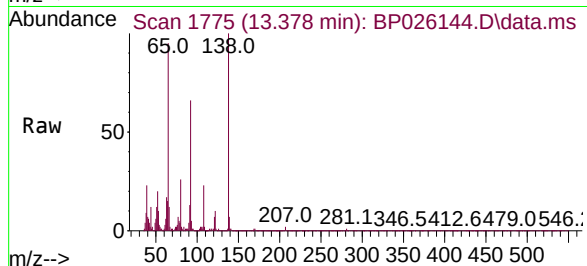




#48
2-Nitroaniline
Concen: 5.239 ng
RT: 13.378 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

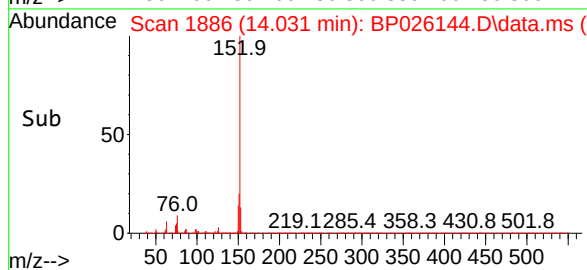
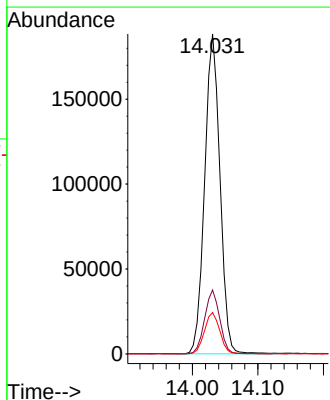
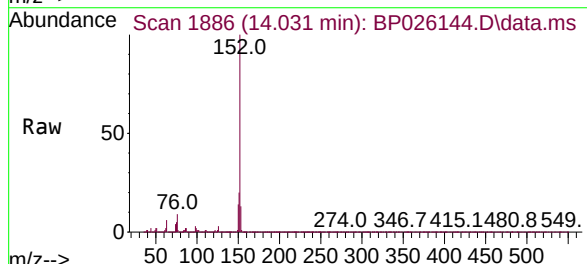
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

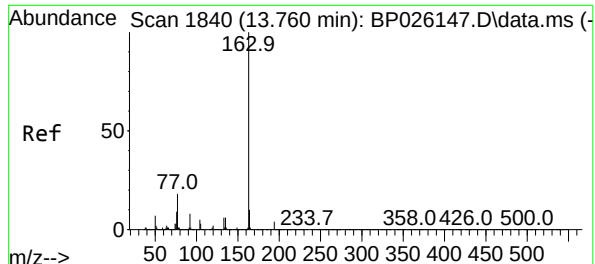
Tgt Ion:	65	Resp:	46485
Ion Ratio	Lower	Upper	
65	100		
92	70.0	59.1	88.7
138	105.4	96.6	145.0



#49
Acenaphthylene
Concen: 5.334 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:	152	Resp:	304102
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	12.9	10.6	16.0





#50

Dimethylphthalate

Concen: 5.077 ng

RT: 13.766 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

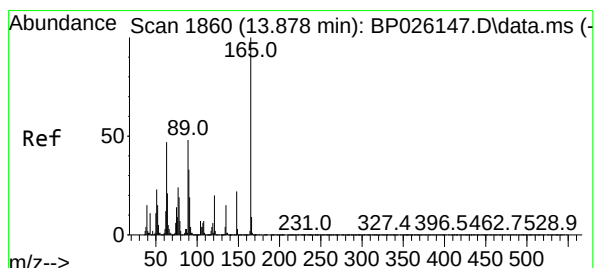
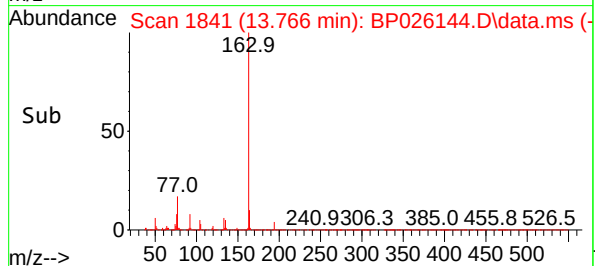
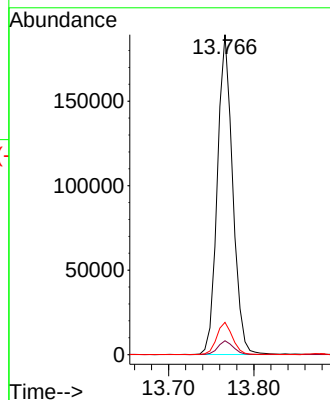
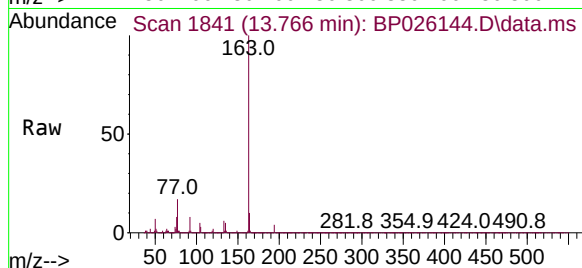
Tgt Ion:163 Resp: 236591

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.1 8.2 12.2



#51

2,6-Dinitrotoluene

Concen: 4.835 ng

RT: 13.872 min Scan# 1859

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

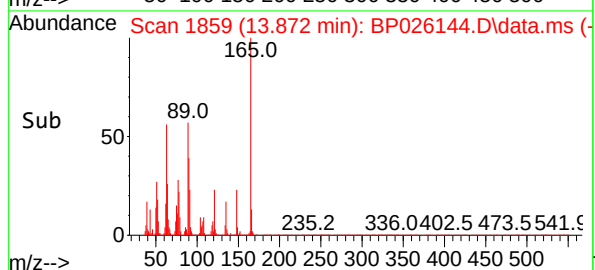
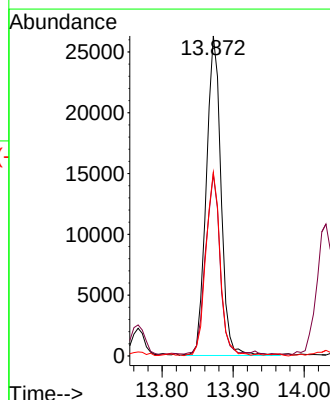
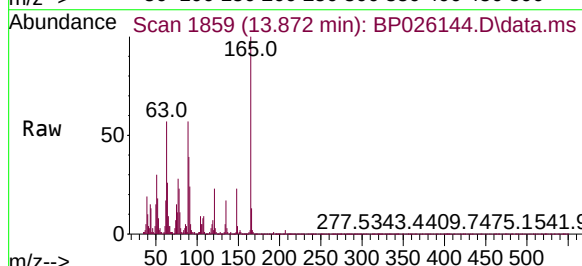
Tgt Ion:165 Resp: 37885

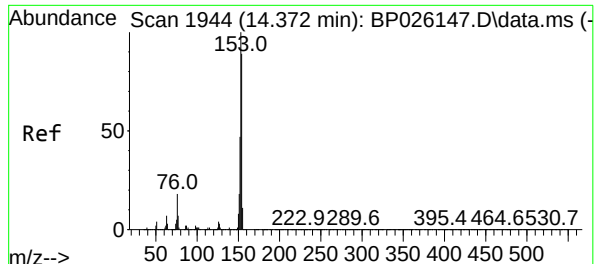
Ion Ratio Lower Upper

165 100

63 56.8 40.5 60.7

89 57.3 41.3 61.9

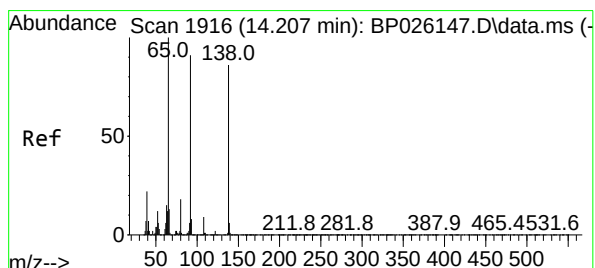
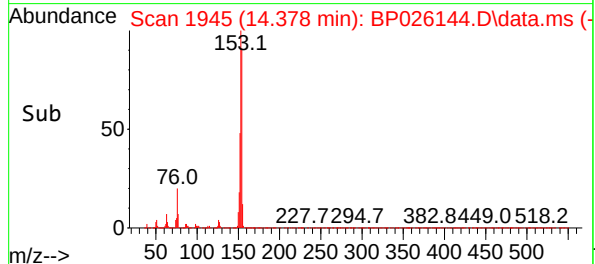
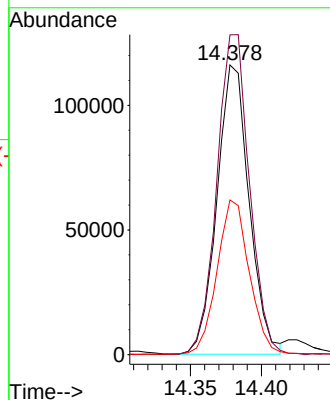
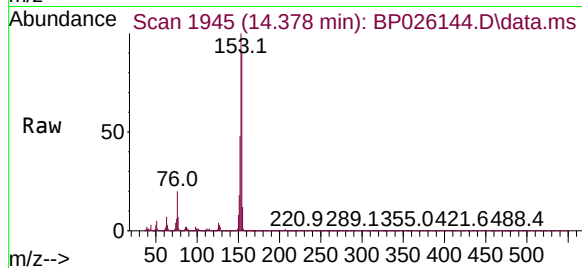




#52
Acenaphthene
Concen: 4.803 ng
RT: 14.378 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

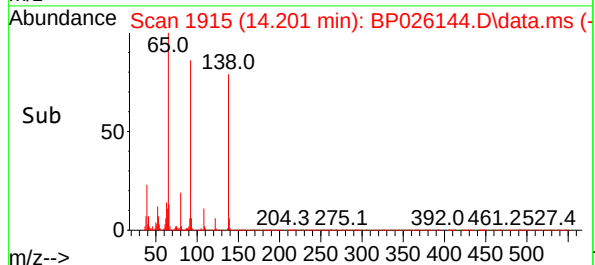
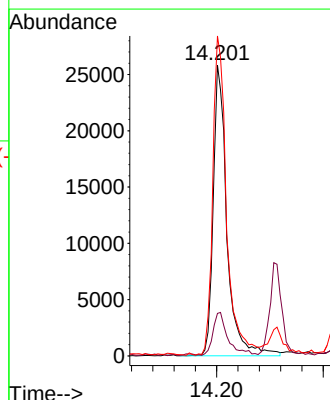
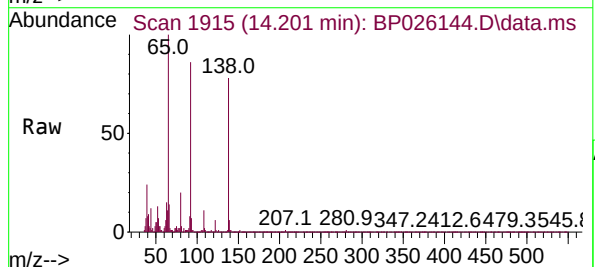
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

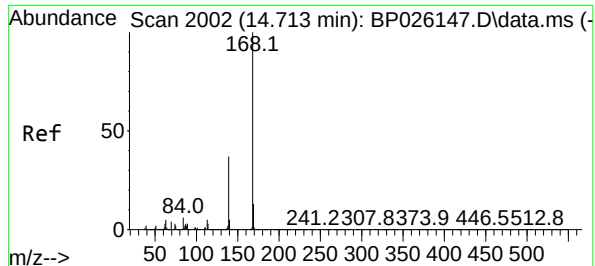
Tgt Ion:154 Resp: 183221
Ion Ratio Lower Upper
154 100
153 110.3 90.7 136.1
152 53.4 42.8 64.2



#53
3-Nitroaniline
Concen: 4.861 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.017 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:138 Resp: 46080
Ion Ratio Lower Upper
138 100
108 14.6 8.9 13.3#
92 110.1 86.3 129.5

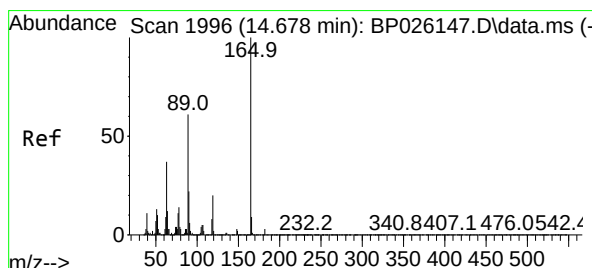
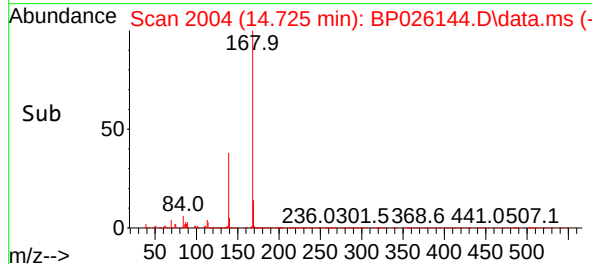
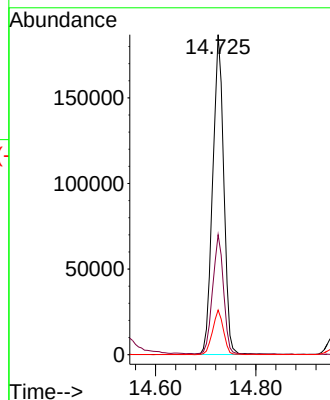
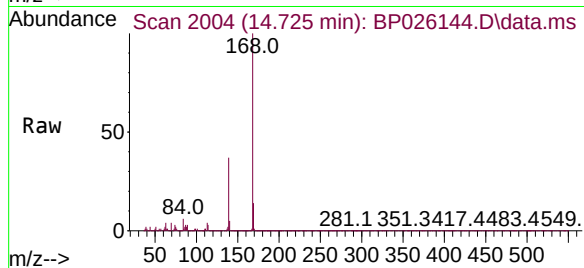




#55
Dibenzofuran
Concen: 4.928 ng
RT: 14.725 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

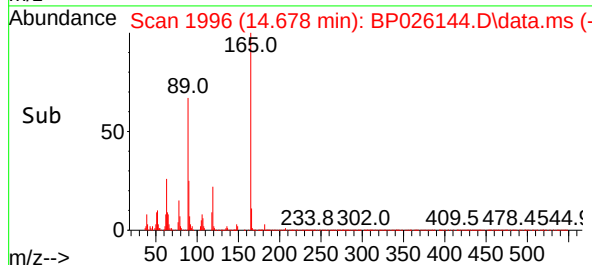
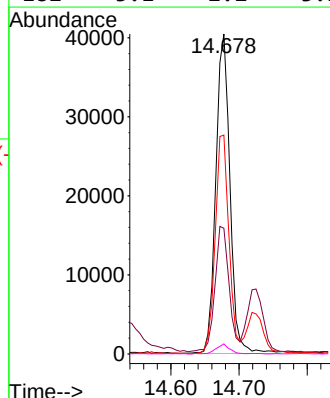
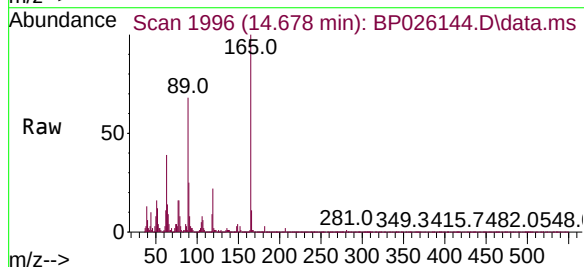
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

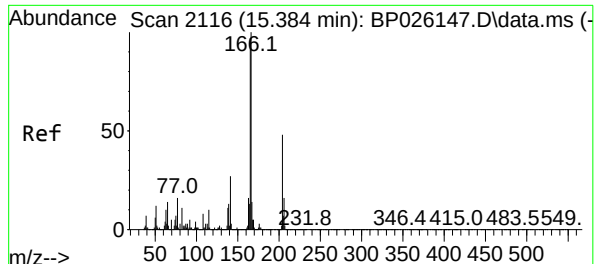
Tgt Ion:168 Resp: 286273
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.6
169 14.0 10.9 16.3



#57
2,4-Dinitrotoluene
Concen: 5.089 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:165 Resp: 58186
Ion Ratio Lower Upper
165 100
63 39.3 31.0 46.6
89 68.4 51.7 77.5
182 3.1 2.2 3.2

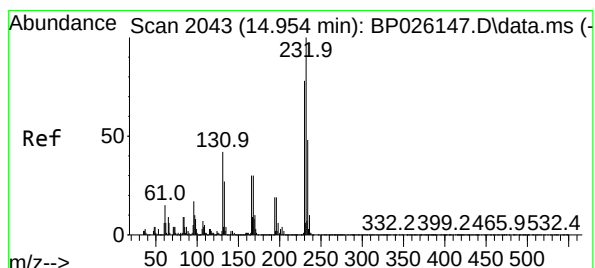
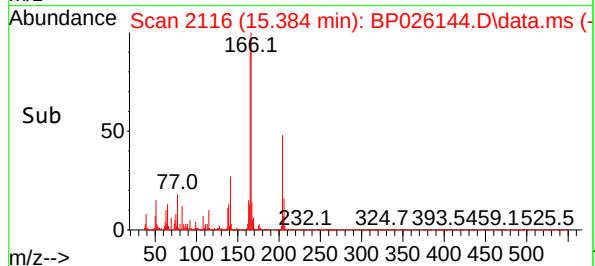
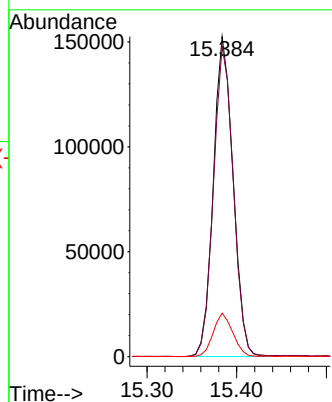
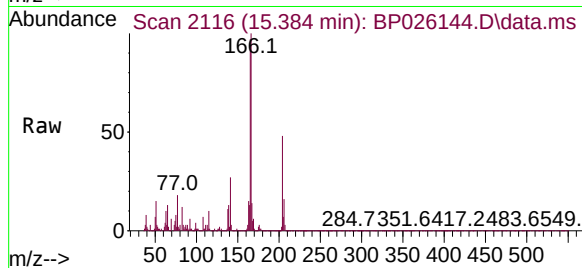




#58
Fluorene
Concen: 5.102 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

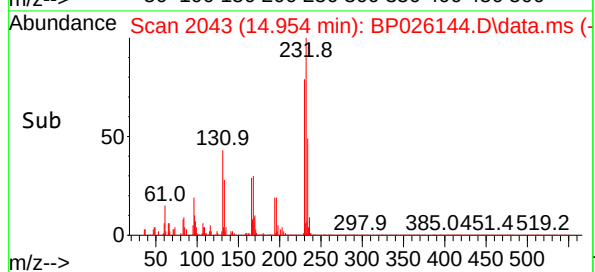
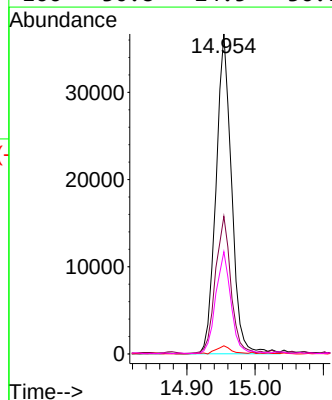
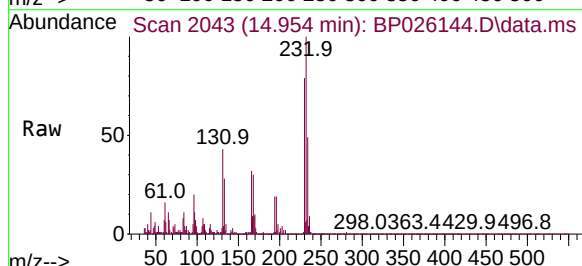
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

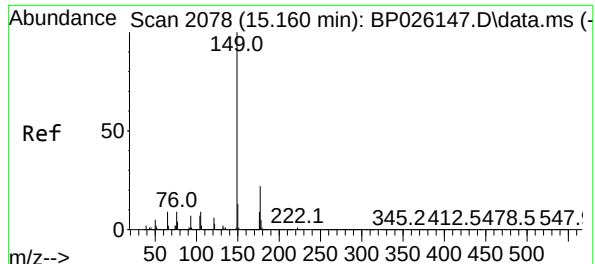
Tgt Ion:166 Resp: 232855
Ion Ratio Lower Upper
166 100
165 97.0 77.9 116.9
167 13.6 11.0 16.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 5.425 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:232 Resp: 58158
Ion Ratio Lower Upper
232 100
131 42.5 34.8 52.2
130 2.6 1.8 2.8
166 30.8 24.5 36.7





#60

Diethylphthalate

Concen: 5.123 ng

RT: 15.160 min Scan# 2078

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

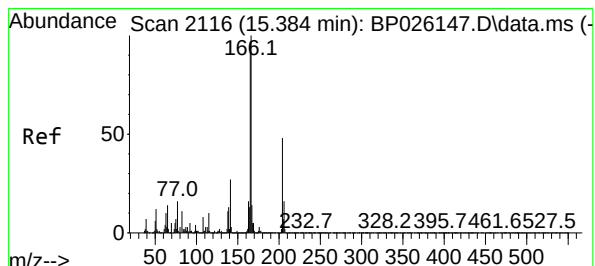
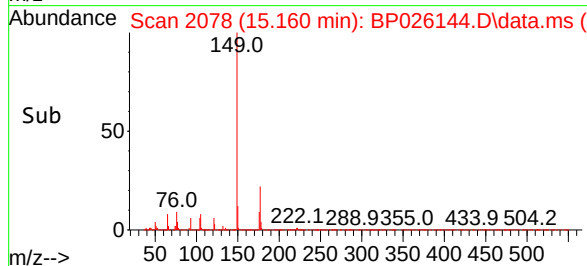
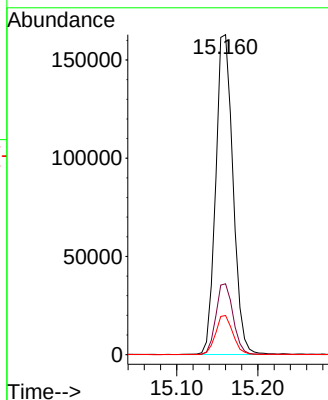
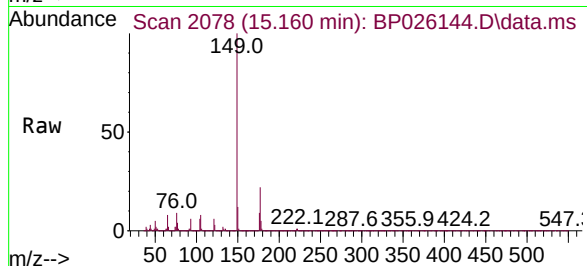
Tgt Ion:149 Resp: 240172

Ion Ratio Lower Upper

149 100

177 22.1 17.9 26.9

150 12.2 9.9 14.9



#61

4-Chlorophenyl-phenylether

Concen: 5.076 ng

RT: 15.384 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

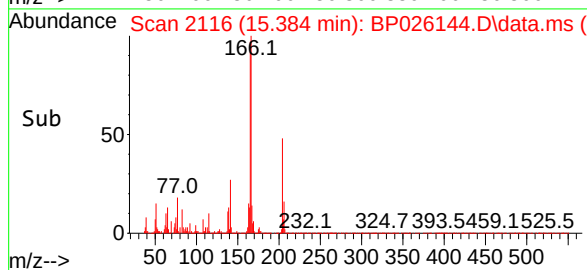
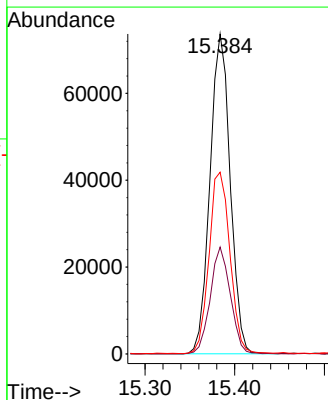
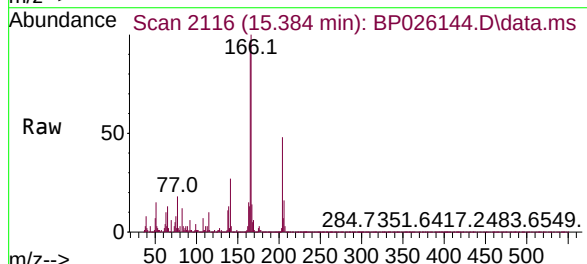
Tgt Ion:204 Resp: 115474

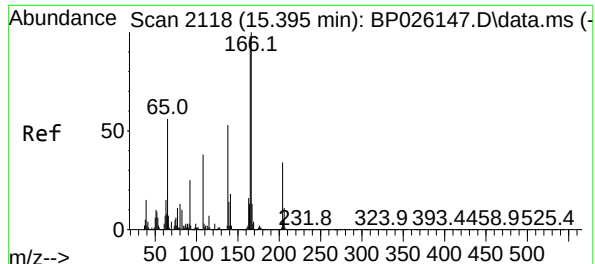
Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

141 56.8 48.1 72.1





#62

4-Nitroaniline

Concen: 5.003 ng

RT: 15.395 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

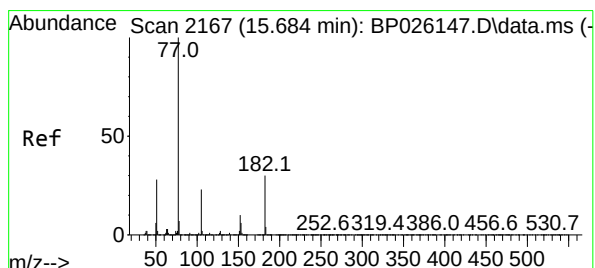
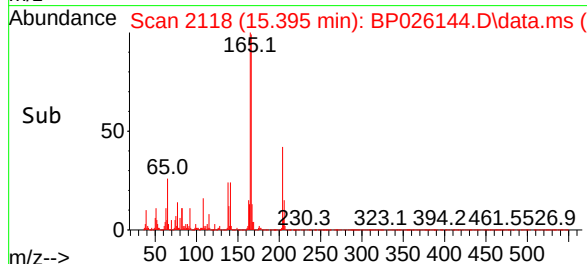
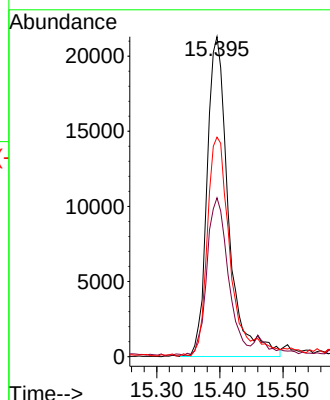
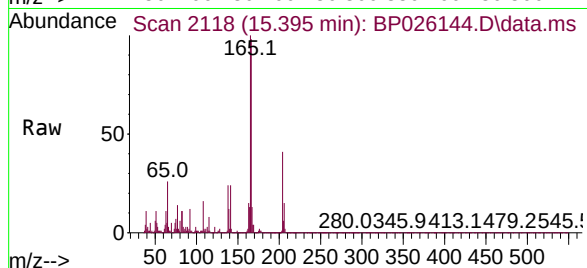
Tgt Ion:138 Resp: 50292

Ion Ratio Lower Upper

138 100

92 49.6 27.5 67.5

108 68.6 51.1 91.1



#63

Azobenzene

Concen: 4.580 ng

RT: 15.678 min Scan# 2166

Delta R.T. -0.012 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Tgt Ion: 77 Resp: 193050

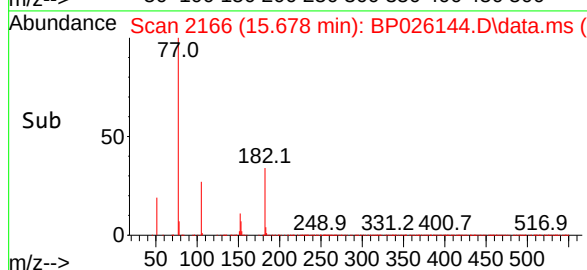
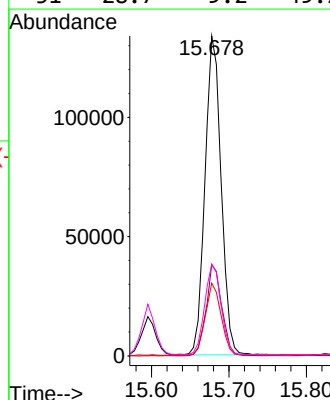
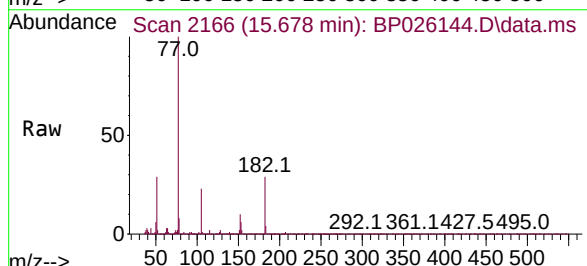
Ion Ratio Lower Upper

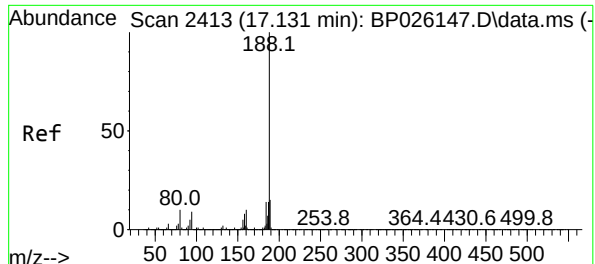
77 100

182 28.5 8.8 48.8

105 22.7 2.6 42.6

51 28.7 9.2 49.2

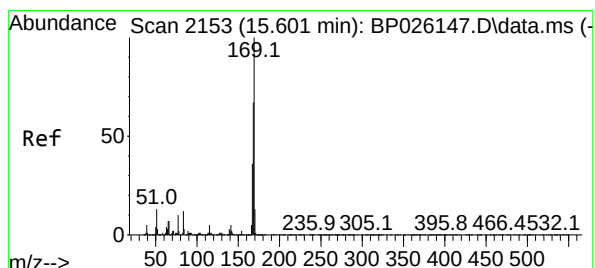
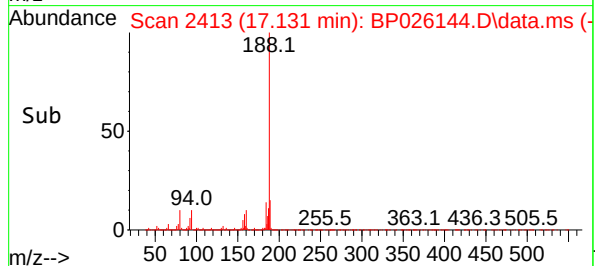
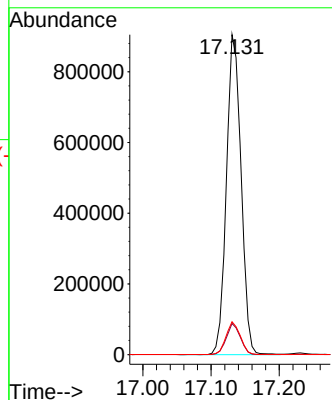
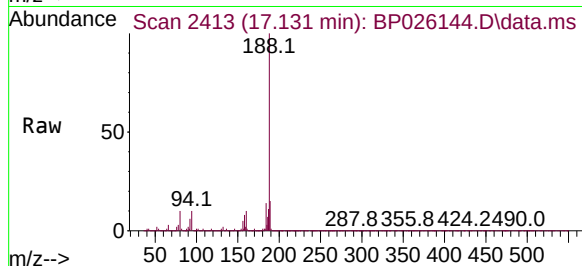




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

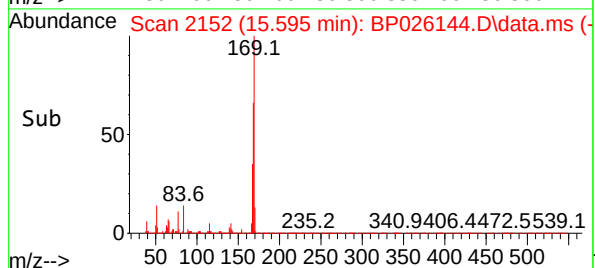
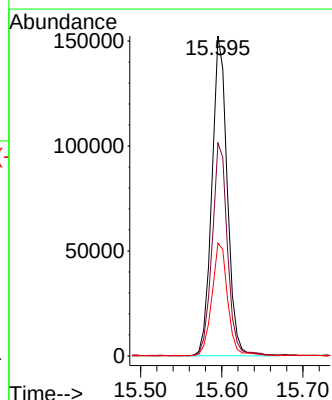
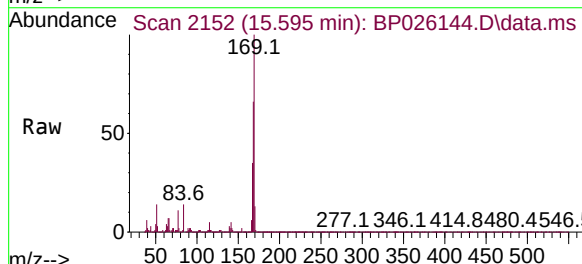
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

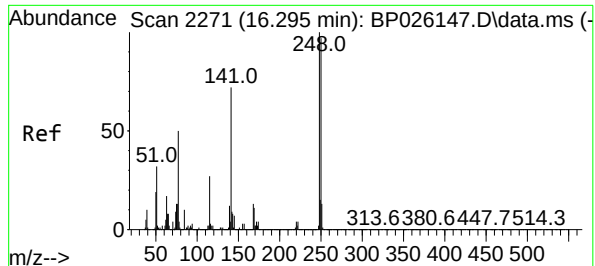
Tgt Ion:188 Resp: 1346698
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 10.3 8.2 12.2



#66
n-Nitrosodiphenylamine
Concen: 4.795 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:169 Resp: 201167
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 35.2 28.9 43.3

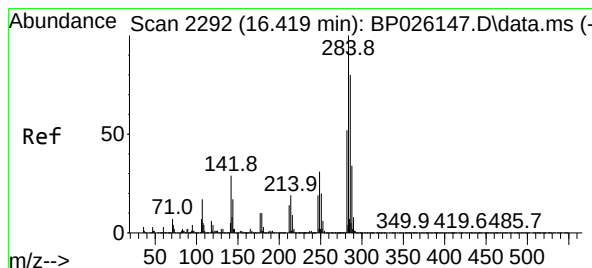
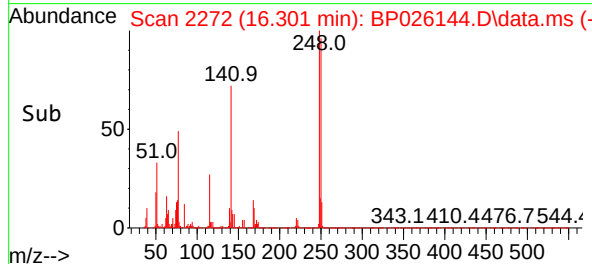
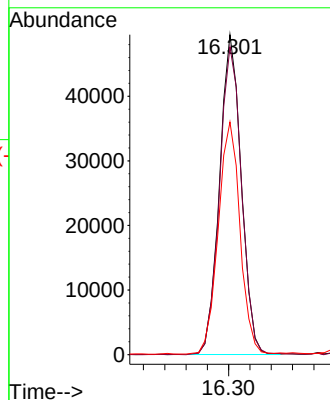
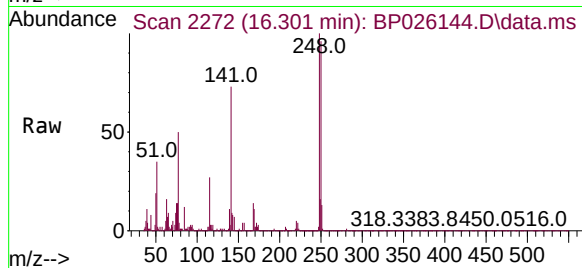




#67
4-Bromophenyl-phenylether
Concen: 4.680 ng
RT: 16.301 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

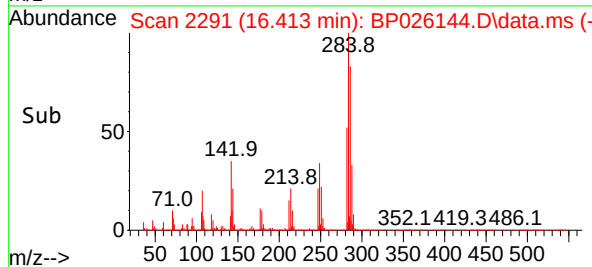
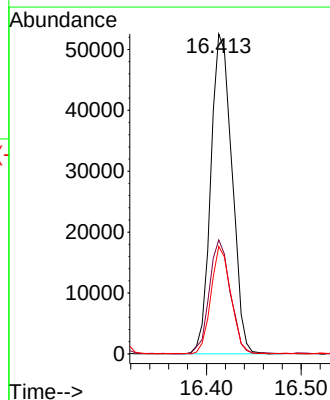
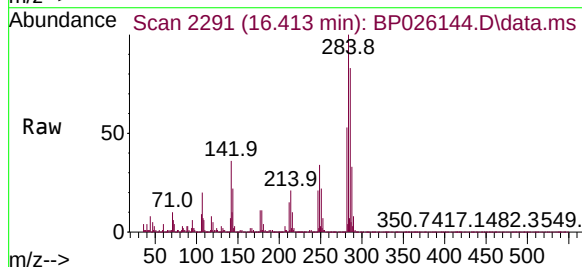
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

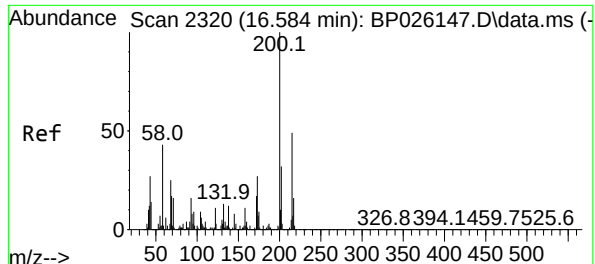
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.8	116.6
141	72.7	55.4	83.0



#68
Hexachlorobenzene
Concen: 4.805 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	28.0	42.0
249	33.6	25.0	37.4





#69

Atrazine

Concen: 5.086 ng

RT: 16.589 min Scan# 2321

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

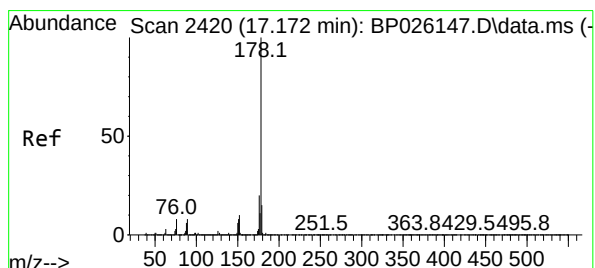
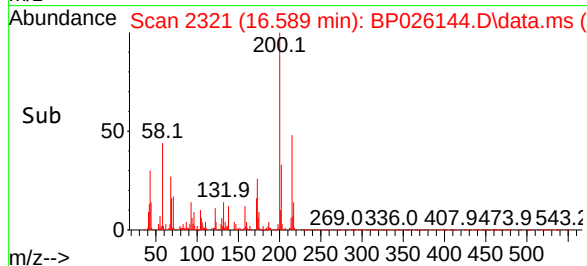
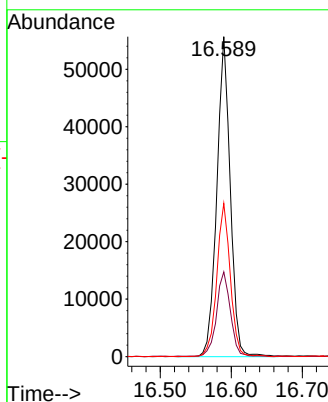
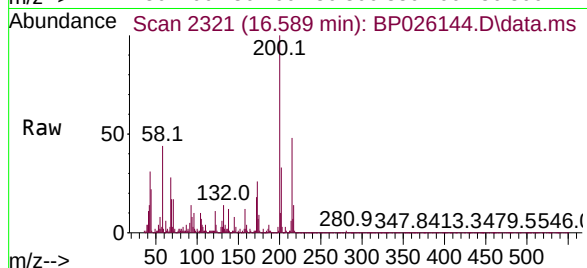
Tgt Ion:200 Resp: 73147

Ion Ratio Lower Upper

200 100

173 26.5 6.7 46.7

215 47.9 27.4 67.4



#71

Phenanthrene

Concen: 4.882 ng

RT: 17.178 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

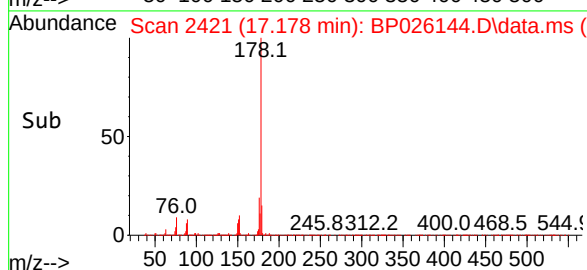
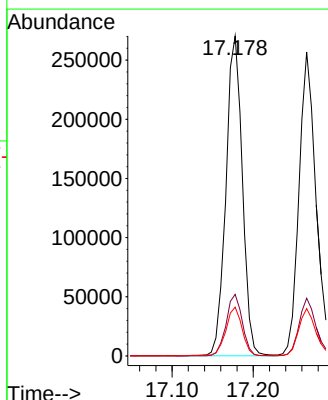
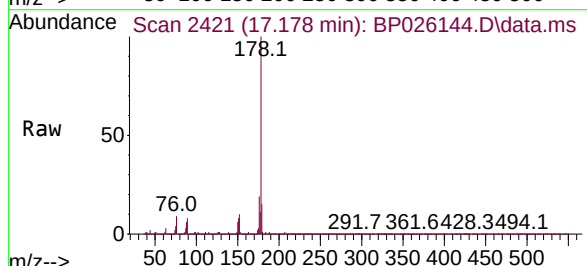
Tgt Ion:178 Resp: 379854

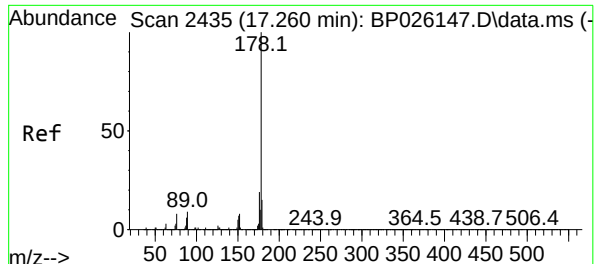
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.2 12.4 18.6

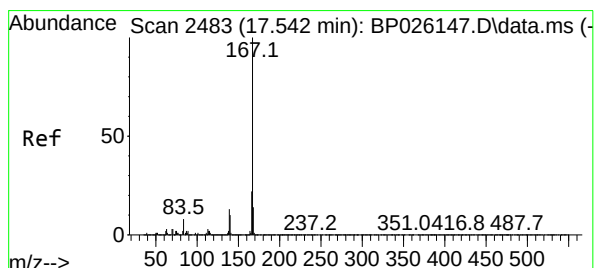
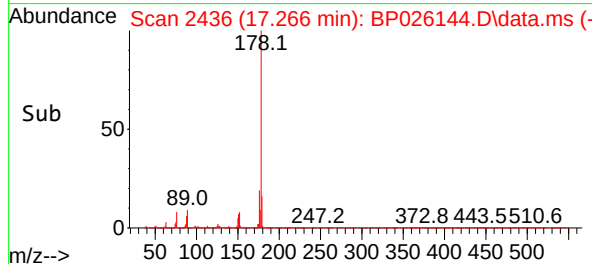
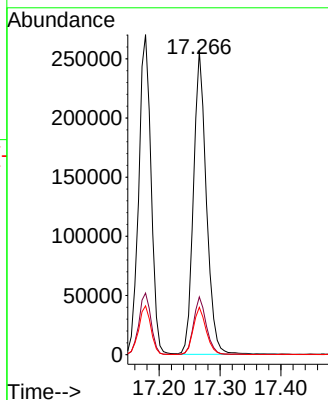
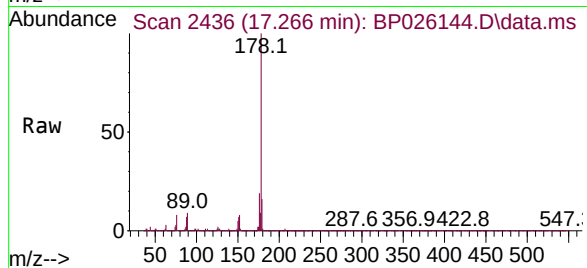




#72
Anthracene
Concen: 4.865 ng
RT: 17.266 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

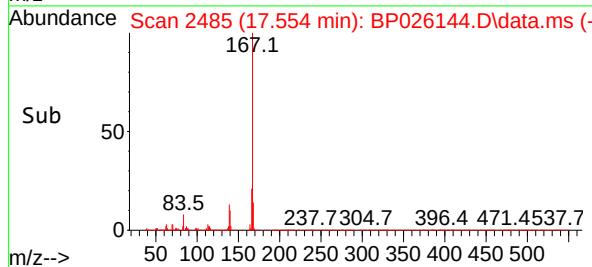
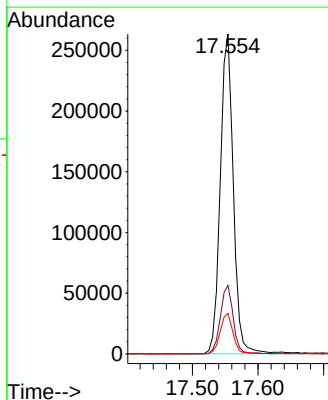
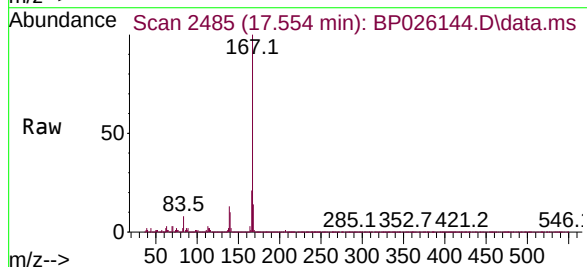
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

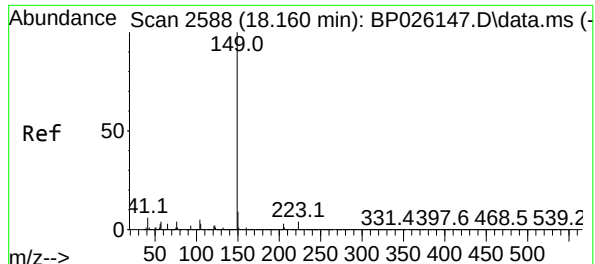
Tgt Ion:178 Resp: 377623
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.6 12.2 18.4



#73
Carbazole
Concen: 4.990 ng
RT: 17.554 min Scan# 2485
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:167 Resp: 364556
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.7 10.2 15.4

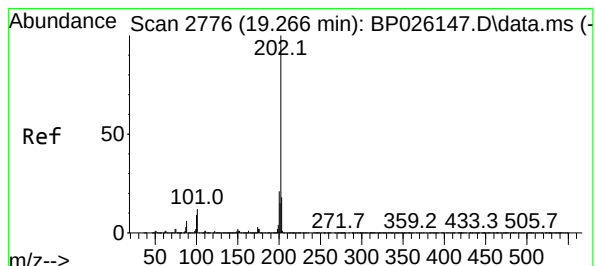
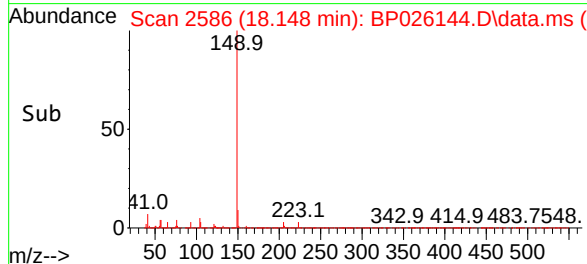
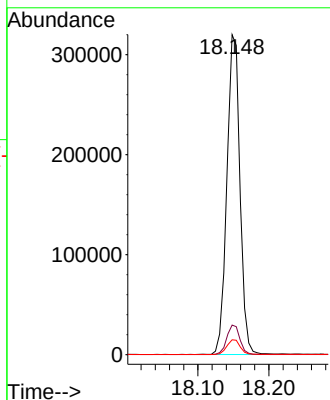
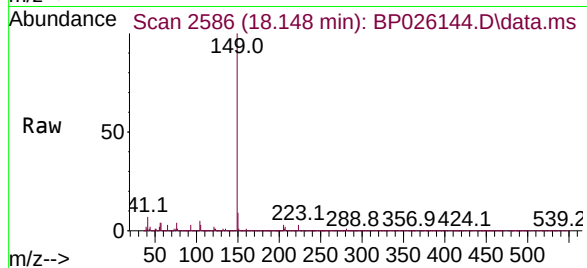




#74
Di-n-butylphthalate
Concen: 4.968 ng
RT: 18.148 min Scan# 2588
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

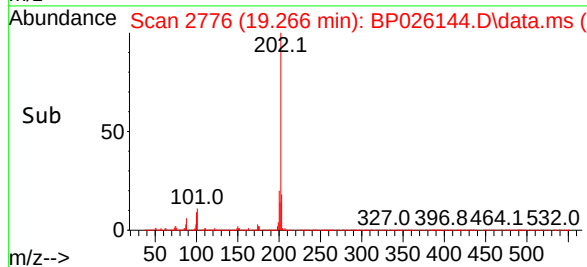
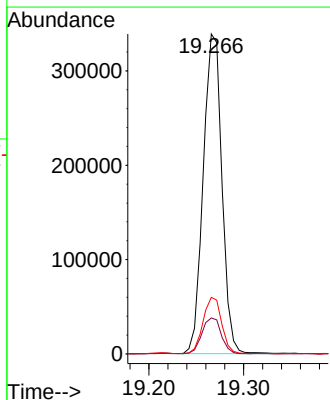
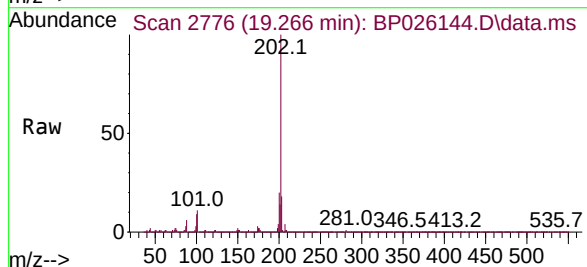
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

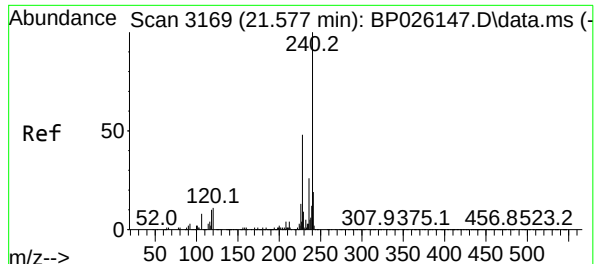
Tgt Ion:149 Resp: 410422
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.6 3.6 5.4



#75
Fluoranthene
Concen: 5.107 ng
RT: 19.266 min Scan# 2776
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 465623
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 17.7 0.0 37.7

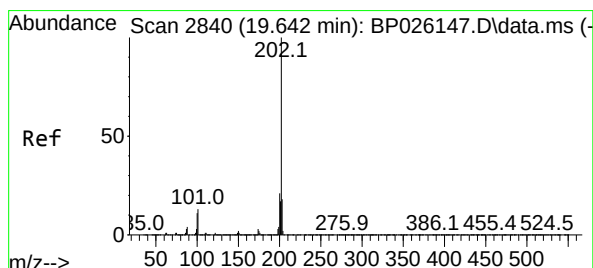
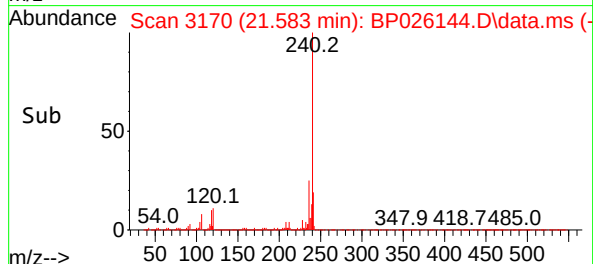
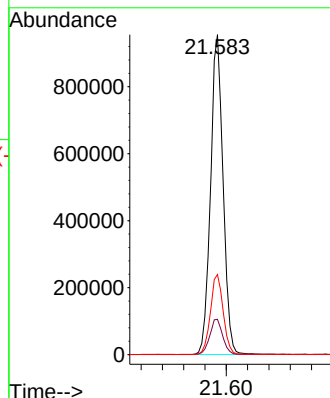
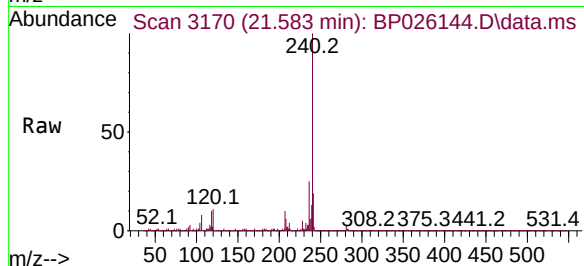




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

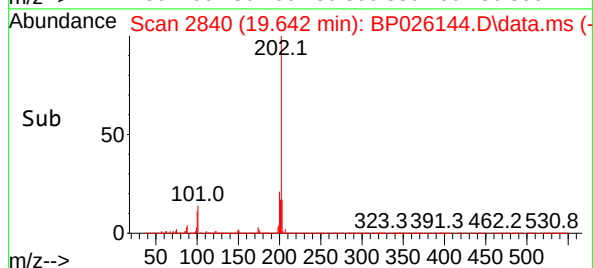
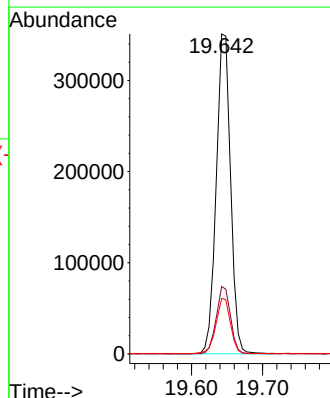
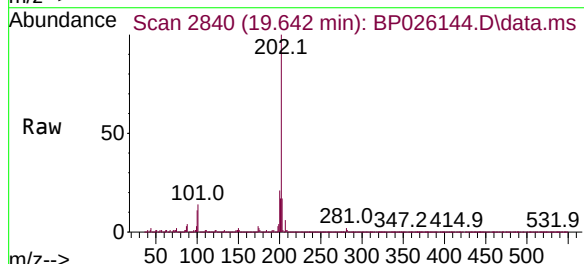
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

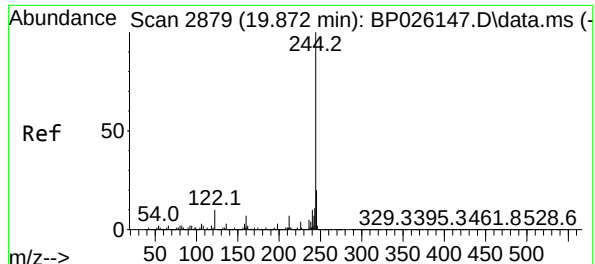
Tgt Ion:240 Resp: 1560462
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 25.0 20.4 30.6



#78
Pyrene
Concen: 4.740 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:202 Resp: 493981
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 10.439 ng

RT: 19.872 min Scan# 2879

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

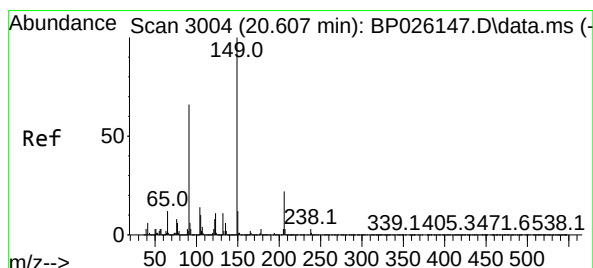
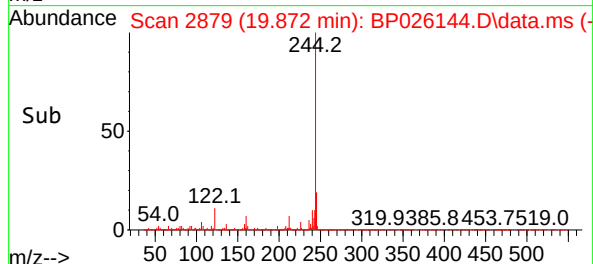
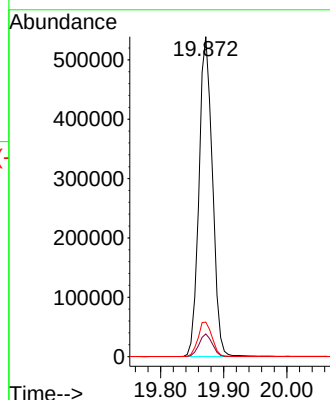
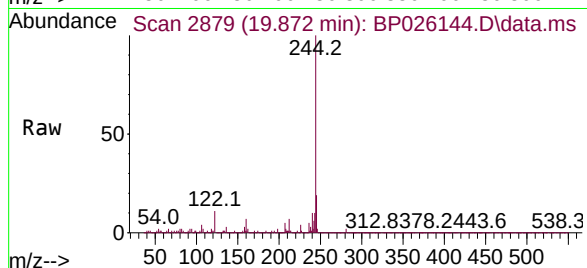
Tgt Ion:244 Resp: 798858

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 6.092 ng

RT: 20.613 min Scan# 3005

Delta R.T. 0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

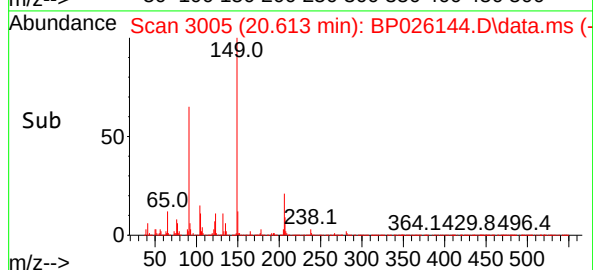
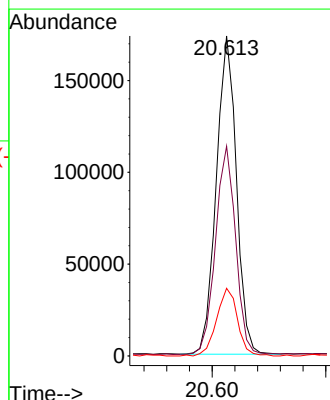
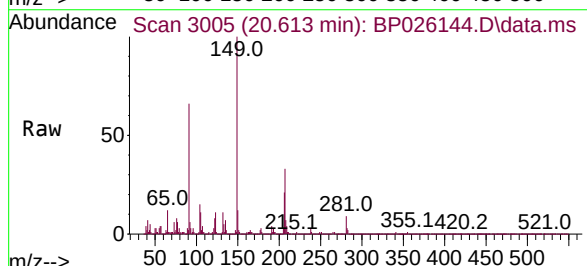
Tgt Ion:149 Resp: 212828

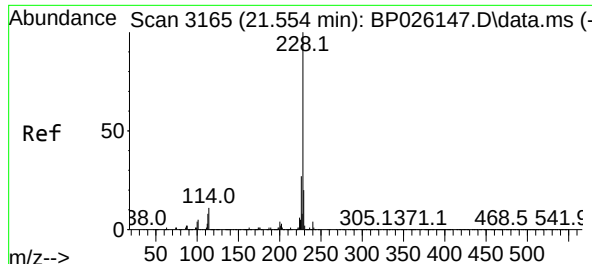
Ion Ratio Lower Upper

149 100

91 65.5 52.6 79.0

206 21.1 16.9 25.3

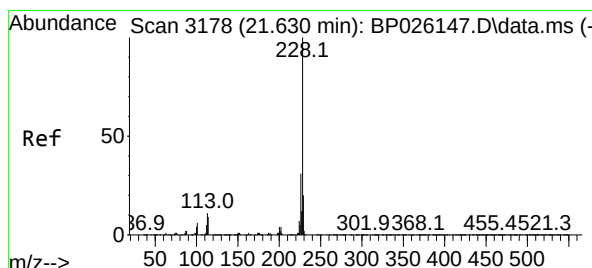
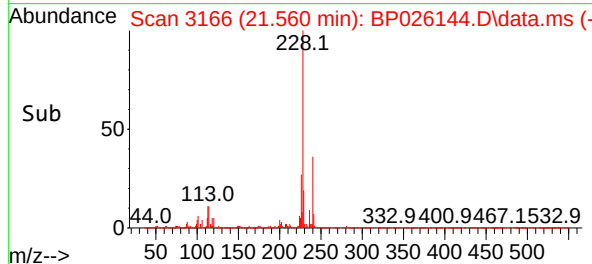
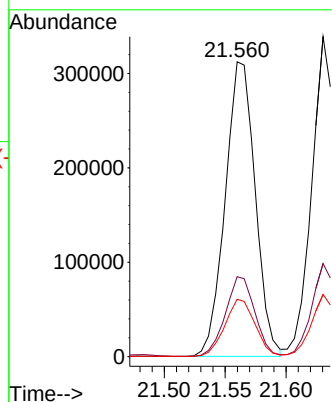
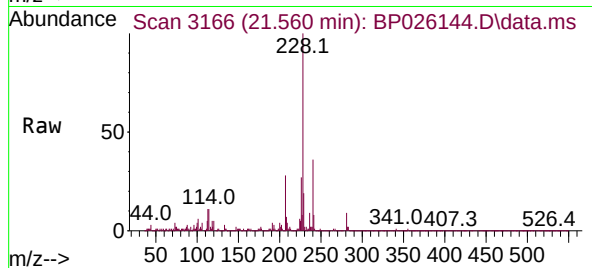




#81
Benzo(a)anthracene
Concen: 5.028 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

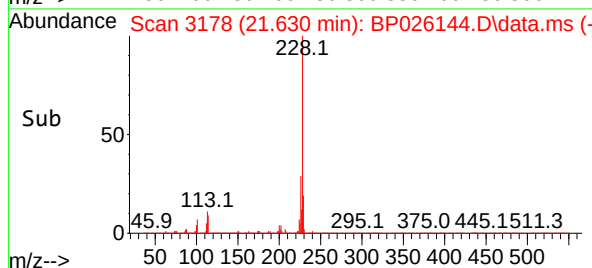
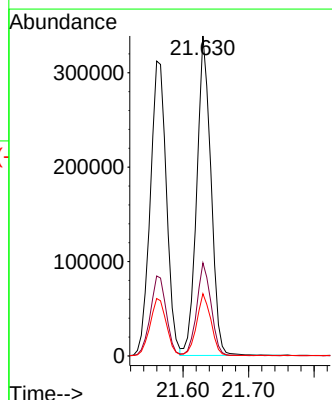
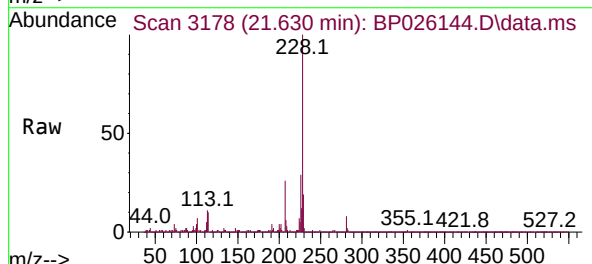
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

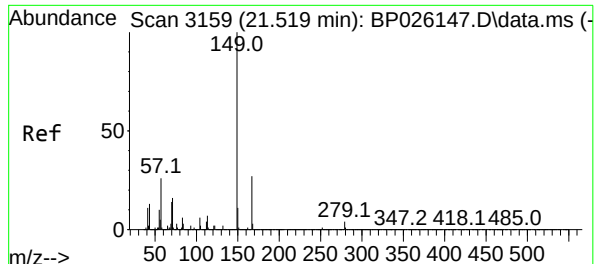
Tgt Ion:228 Resp: 535793
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.5 15.9 23.9



#83
Chrysene
Concen: 5.012 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:228 Resp: 506265
Ion Ratio Lower Upper
228 100
226 29.1 23.9 35.9
229 19.4 15.9 23.9

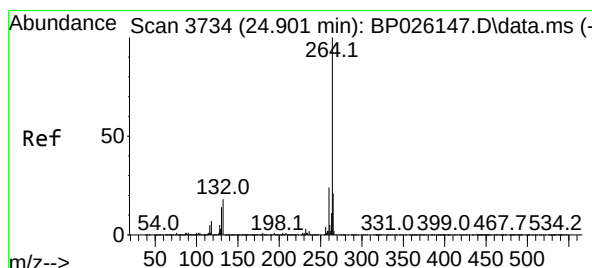
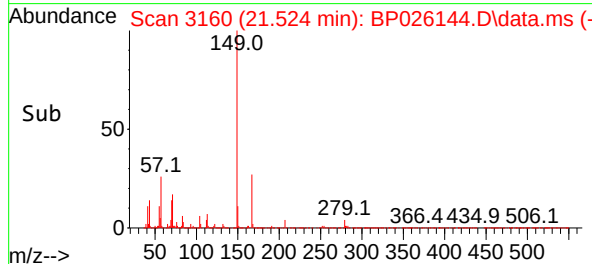
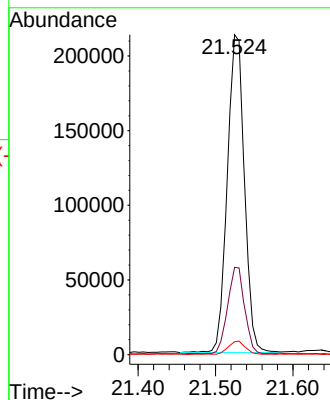
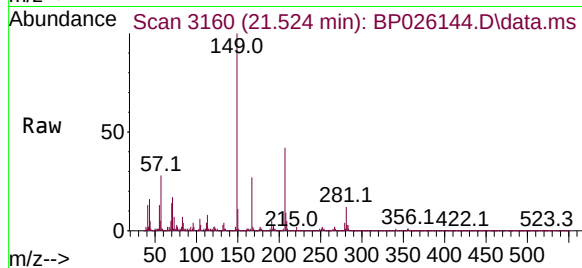




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.749 ng
RT: 21.524 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

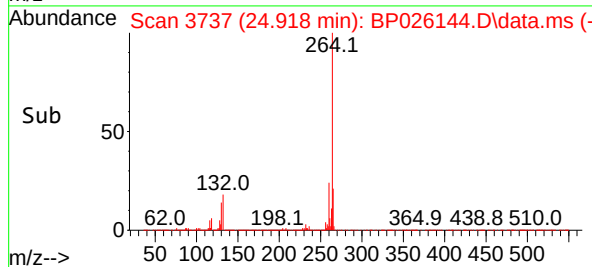
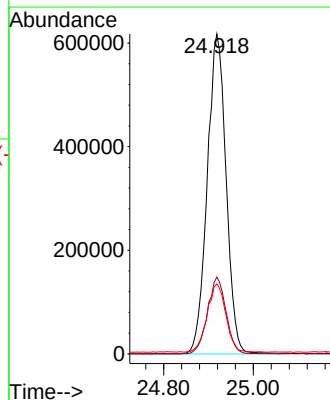
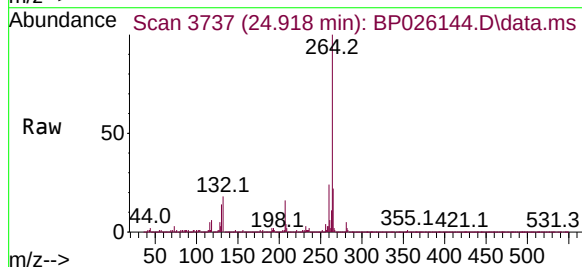
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

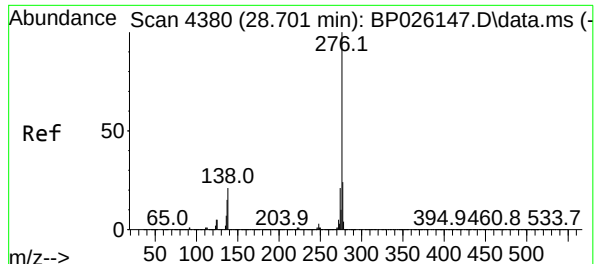
Tgt Ion:149 Resp: 328471
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.1 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion:264 Resp: 1801943
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.9 17.5 26.3

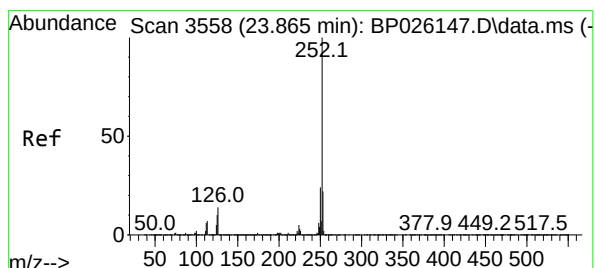
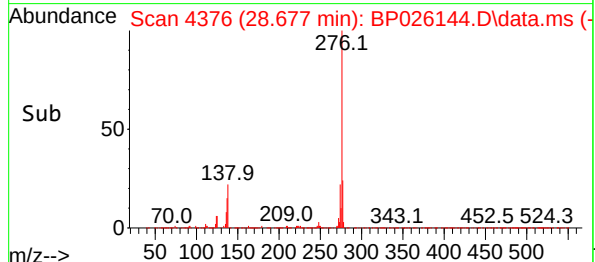
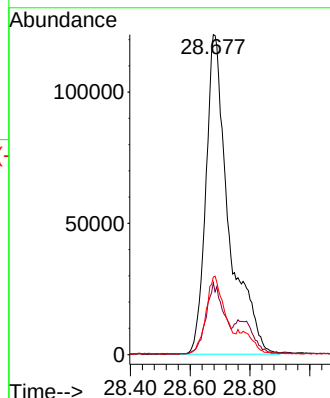
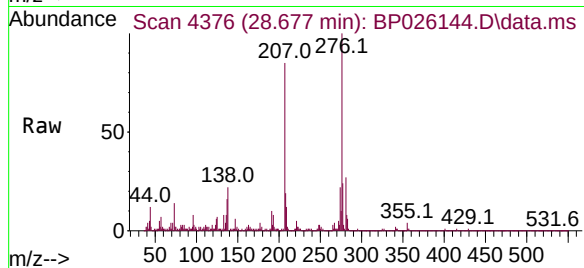




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.913 ng
RT: 28.677 min Scan# 4380
Delta R.T. -0.029 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

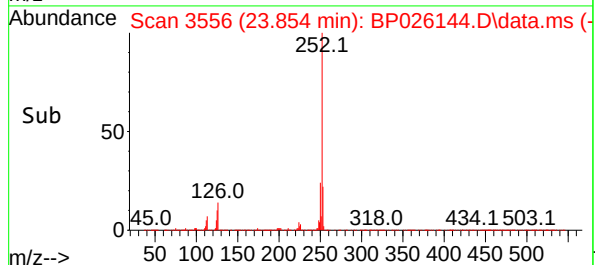
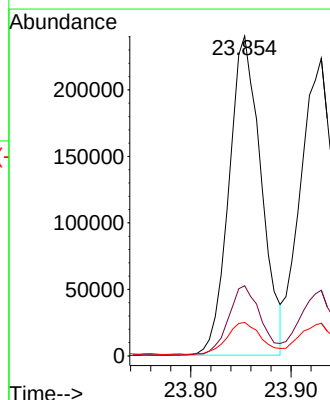
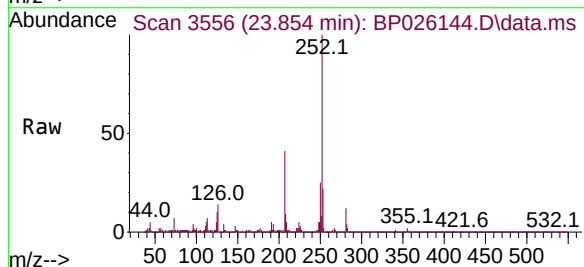
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

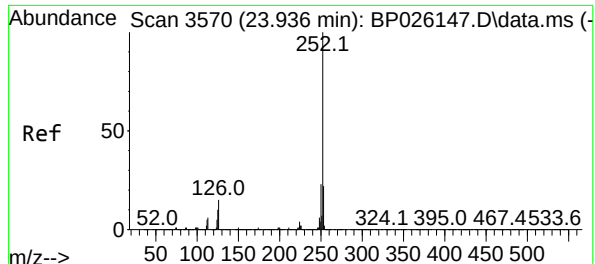
Tgt Ion: 276 Resp: 649473
Ion Ratio Lower Upper
276 100
138 17.0 13.8 20.8
277 20.2 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 4.848 ng
RT: 23.854 min Scan# 3556
Delta R.T. -0.012 min
Lab File: BP026144.D
Acq: 18 Nov 2025 15:12

Tgt Ion: 252 Resp: 535938
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 4.807 ng

RT: 23.930 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

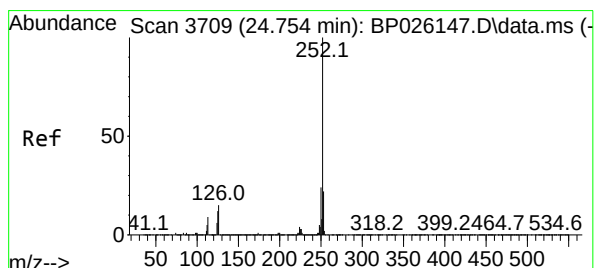
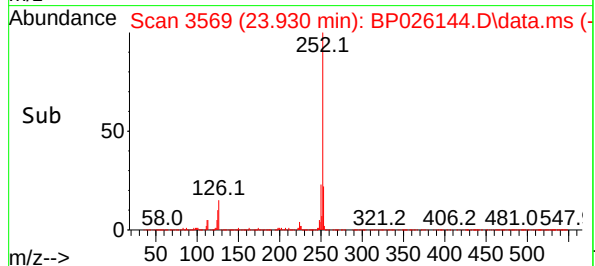
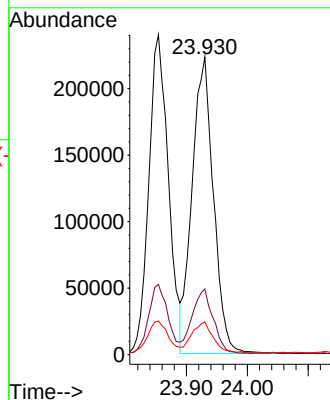
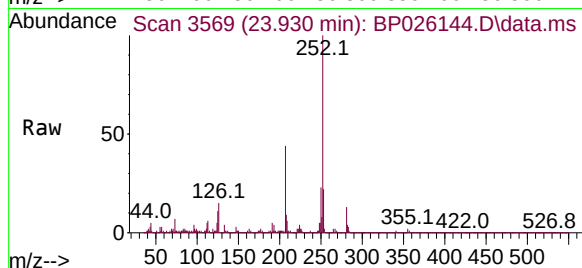
Tgt Ion:252 Resp: 543312

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 4.939 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

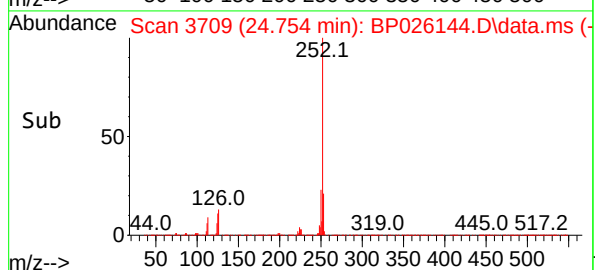
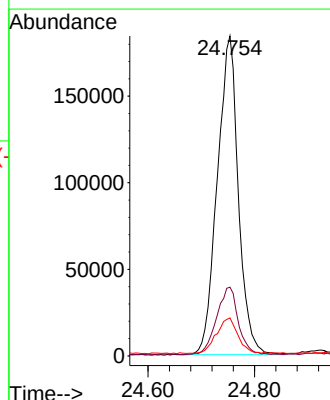
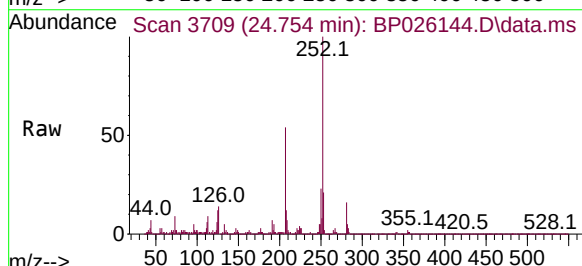
Tgt Ion:252 Resp: 504836

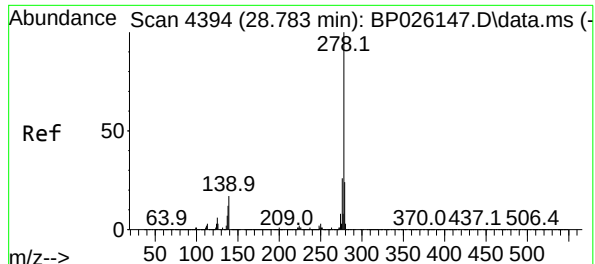
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.2

125 11.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 4.920 ng

RT: 28.777 min Scan# 4394

Delta R.T. -0.017 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

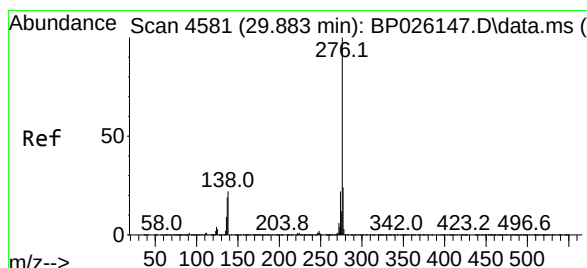
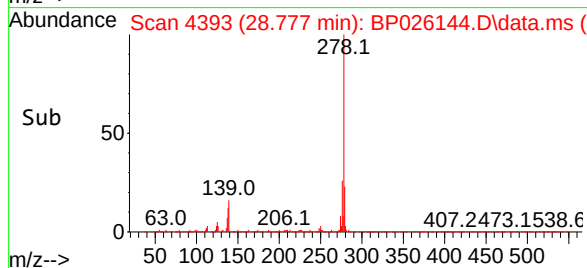
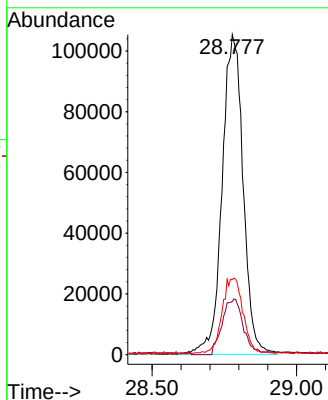
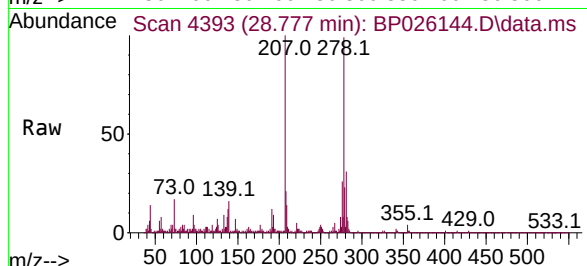
Tgt Ion:278 Resp: 530340

Ion Ratio Lower Upper

278 100

139 16.6 13.2 19.8

279 23.5 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 5.083 ng

RT: 29.853 min Scan# 4576

Delta R.T. -0.029 min

Lab File: BP026144.D

Acq: 18 Nov 2025 15:12

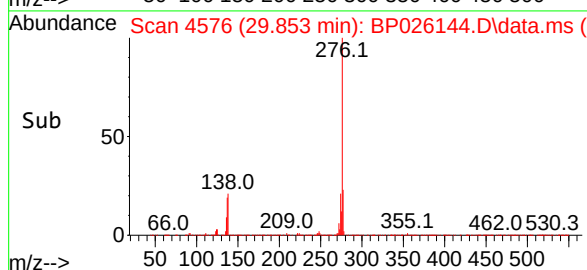
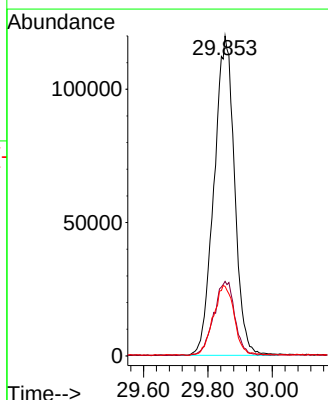
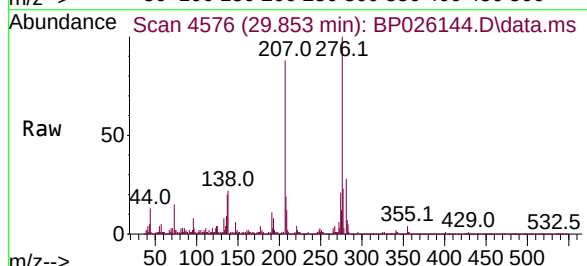
Tgt Ion:276 Resp: 529220

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.7 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026145.D
 Acq On : 18 Nov 2025 15:54
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 19 00:39:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	248452	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	980614	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	630488	20.000	ng	-0.01
64) Phenanthrene-d10	17.125	188	1297120	20.000	ng	0.00
76) Chrysene-d12	21.572	240	1508224	20.000	ng	0.00
86) Perylene-d12	24.918	264	1757840	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	310270	20.603	ng	0.00
7) Phenol-d6	6.849	99	388699	20.348	ng	0.00
23) Nitrobenzene-d5	8.808	82	349731	22.067	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	159702	23.122	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	909238	20.807	ng	-0.01
79) Terphenyl-d14	19.866	244	1563806	21.144	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	64612	10.226	ng	99
3) Pyridine	3.620	79	181259	10.090	ng	99
4) n-Nitrosodimethylamine	3.525	42	66399	9.326	ng	# 94
6) Aniline	7.002	93	254679	10.001	ng	99
8) 2-Chlorophenol	7.237	128	173633	10.408	ng	98
9) Benzaldehyde	6.819	77	119591	12.428	ng	99
10) Phenol	6.872	94	206001	9.752	ng	98
11) bis(2-Chloroethyl)ether	7.102	93	165713	9.908	ng	97
12) 1,3-Dichlorobenzene	7.561	146	189523	9.947	ng	99
13) 1,4-Dichlorobenzene	7.708	146	192215	9.966	ng	98
14) 1,2-Dichlorobenzene	8.019	146	184124	9.995	ng	100
15) Benzyl Alcohol	7.902	79	133455	9.660	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.190	45	228694	9.130	ng	98
17) 2-Methylphenol	8.108	107	139821	10.067	ng	99
18) Hexachloroethane	8.743	117	69441	10.421	ng	96
19) n-Nitroso-di-n-propyla...	8.460	70	119306	10.077	ng	98
20) 3+4-Methylphenols	8.431	107	190027	9.845	ng	99
22) Acetophenone	8.478	105	255635	10.340	ng	# 99
24) Nitrobenzene	8.849	77	174709	10.525	ng	99
25) Isophorone	9.378	82	339778	10.129	ng	99
26) 2-Nitrophenol	9.555	139	80502	14.210	ng	96
27) 2,4-Dimethylphenol	9.619	122	160115	11.184	ng	99
28) bis(2-Chloroethoxy)met...	9.855	93	215062	10.157	ng	99
29) 2,4-Dichlorophenol	10.090	162	157750	10.558	ng	100
30) 1,2,4-Trichlorobenzene	10.302	180	165087	10.189	ng	100
31) Naphthalene	10.484	128	546001	10.256	ng	99
32) Benzoic acid	9.702	122	102438	11.868	ng	99
33) 4-Chloroaniline	10.590	127	225844	10.919	ng	98
34) Hexachlorobutadiene	10.784	225	106776	10.297	ng	98
35) Caprolactam	11.354	113	55204	10.571	ng	93
36) 4-Chloro-3-methylphenol	11.725	107	167761	10.736	ng	98
37) 2-Methylnaphthalene	12.101	142	387952	10.423	ng	99
38) 1-Methylnaphthalene	12.325	142	376177	10.395	ng	98
40) 1,2,4,5-Tetrachloroben...	12.472	216	192367	9.860	ng	100
41) Hexachlorocyclopentadiene	12.460	237	109280	13.468	ng	100
43) 2,4,6-Trichlorophenol	12.713	196	127331	10.910	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026145.D
 Acq On : 18 Nov 2025 15:54
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 19 00:39:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

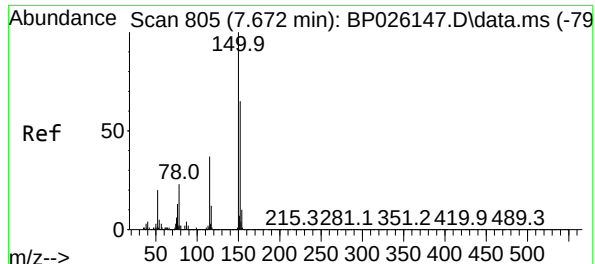
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	143128	10.794	ng	98
46) 1,1'-Biphenyl	13.125	154	485448	10.101	ng	99
47) 2-Chloronaphthalene	13.166	162	382981	10.136	ng	99
48) 2-Nitroaniline	13.366	65	97829	11.256	ng	93
49) Acenaphthylene	14.025	152	626312	11.215	ng	99
50) Dimethylphthalate	13.760	163	478267	10.476	ng	99
51) 2,6-Dinitrotoluene	13.872	165	84028	10.948	ng	90
52) Acenaphthene	14.378	154	372613	9.972	ng	99
53) 3-Nitroaniline	14.207	138	103894	11.189	ng #	94
54) 2,4-Dinitrophenol	14.413	184	38962	11.062	ng #	89
55) Dibenzofuran	14.719	168	577473	10.148	ng	98
56) 4-Nitrophenol	14.531	139	91274	9.876	ng	92
57) 2,4-Dinitrotoluene	14.678	165	128442	11.467	ng	100
58) Fluorene	15.384	166	469782	10.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.954	232	123375	11.749	ng	99
60) Diethylphthalate	15.154	149	475038	10.343	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	226085	10.144	ng	97
62) 4-Nitroaniline	15.390	138	113144	11.490	ng	98
63) Azobenzene	15.684	77	402256	9.741	ng	100
65) 4,6-Dinitro-2-methylph...	15.454	198	64177	11.592	ng	93
66) n-Nitrosodiphenylamine	15.595	169	415043	10.270	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	142168	9.873	ng	98
68) Hexachlorobenzene	16.413	284	168597	10.292	ng	100
69) Atrazine	16.584	200	150203	10.842	ng	98
70) Pentachlorophenol	16.766	266	109980	10.777	ng	100
71) Phenanthrene	17.166	178	764343	10.200	ng	99
72) Anthracene	17.260	178	774553	10.360	ng	100
73) Carbazole	17.536	167	763690	10.854	ng	99
74) Di-n-butylphthalate	18.154	149	836819	10.517	ng	99
75) Fluoranthene	19.260	202	949438	10.812	ng	100
77) Benzidine	19.460	184	547975	13.836	ng	99
78) Pyrene	19.642	202	994219	9.871	ng	100
80) Butylbenzylphthalate	20.607	149	416294	12.328	ng	98
81) Benzo(a)anthracene	21.554	228	1056422	10.258	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	386780	11.403	ng	99
83) Chrysene	21.619	228	1007569	10.321	ng	100
84) Bis(2-ethylhexyl)phtha...	21.519	149	622482	11.273	ng	100
85) Di-n-octyl phthalate	22.807	149	1066561	11.335	ng	99
87) Indeno(1,2,3-cd)pyrene	28.706	276	1303884	10.110	ng	99
88) Benzo(b)fluoranthene	23.871	252	1077584	9.993	ng	100
89) Benzo(k)fluoranthene	23.936	252	1079191	9.789	ng	98
90) Benzo(a)pyrene	24.754	252	1013571	10.165	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	1072192	10.197	ng	99
92) Benzo(g,h,i)perylene	29.865	276	1080830	10.641	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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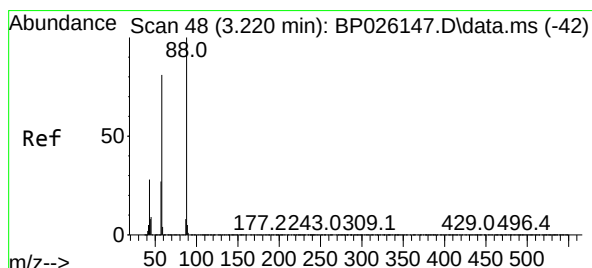
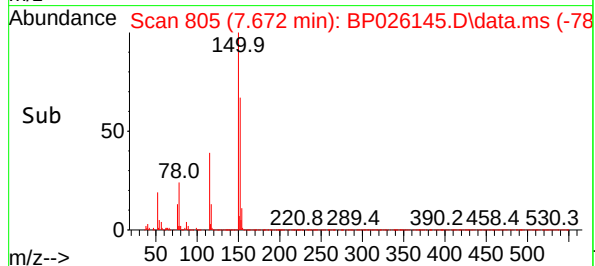
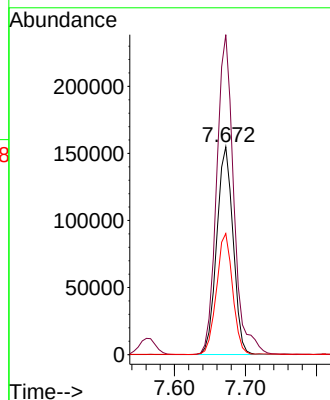
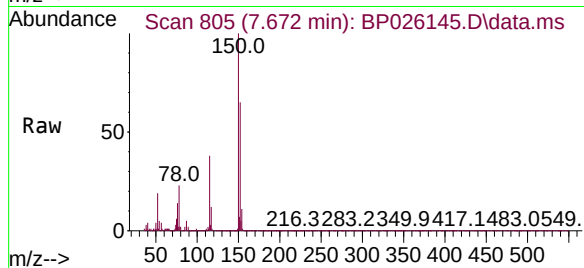




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

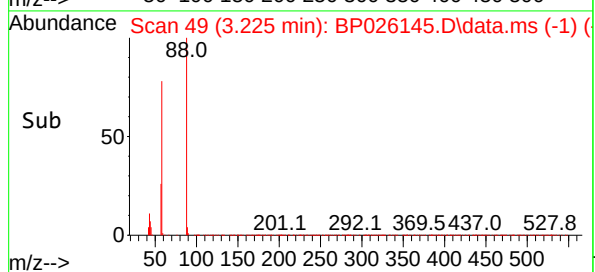
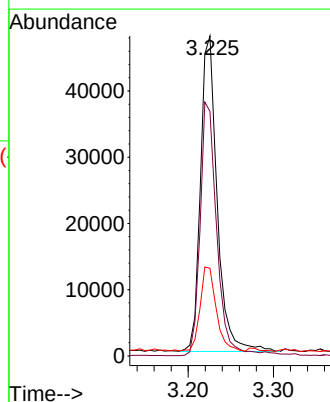
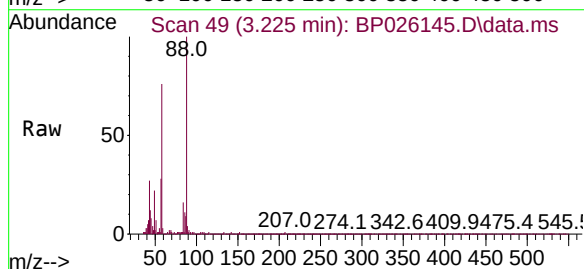
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

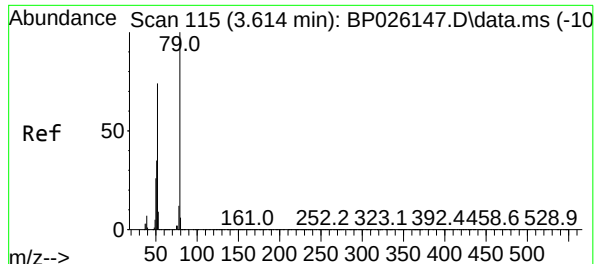
Tgt Ion:152 Resp: 248452
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.6
115 58.2 46.3 69.5



#2
1,4-Dioxane
Concen: 10.226 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 88 Resp: 64612
Ion Ratio Lower Upper
88 100
58 81.1 64.2 96.4
43 25.7 21.5 32.3

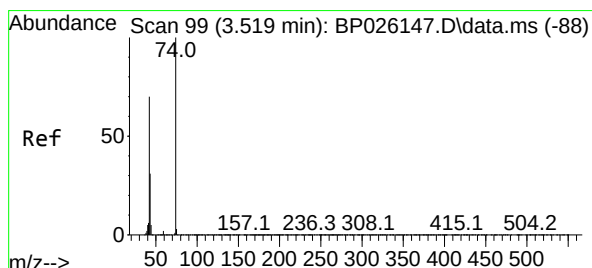
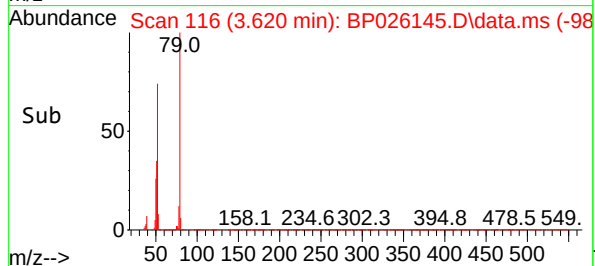
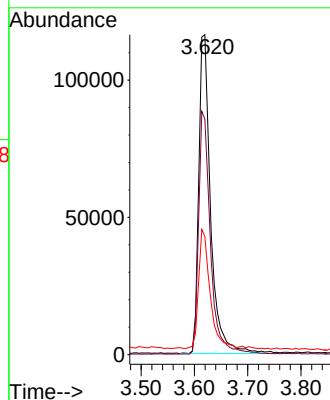
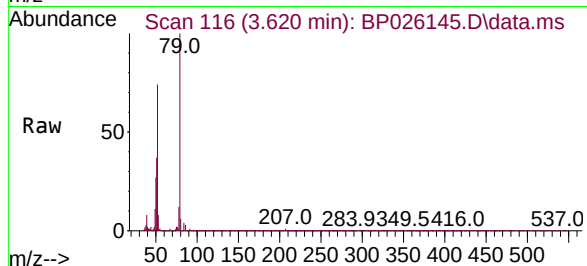




#3
Pyridine
Concen: 10.090 ng
RT: 3.620 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

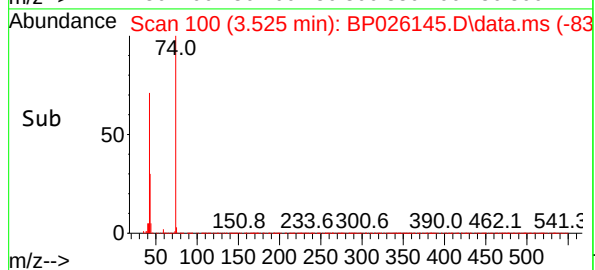
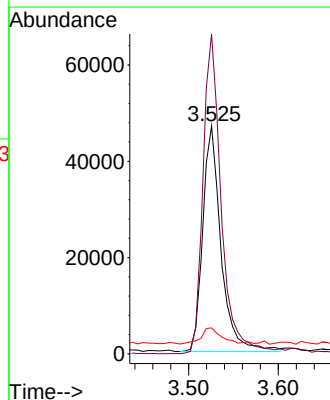
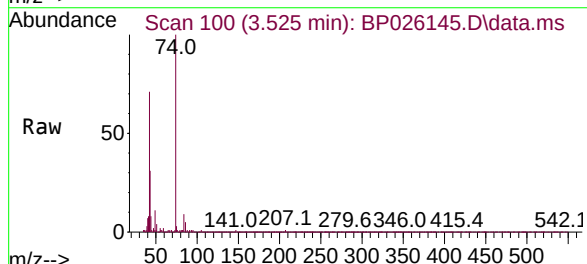
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

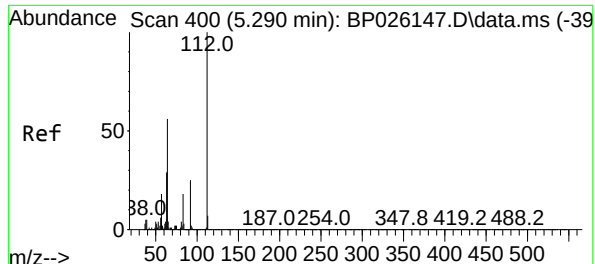
Tgt Ion: 79 Resp: 181259
Ion Ratio Lower Upper
79 100
52 73.6 60.2 90.2
51 37.0 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 9.326 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 42 Resp: 66399
Ion Ratio Lower Upper
42 100
74 140.4 118.1 177.1
44 11.4 6.2 9.4#

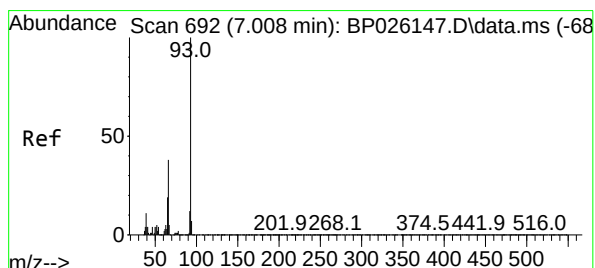
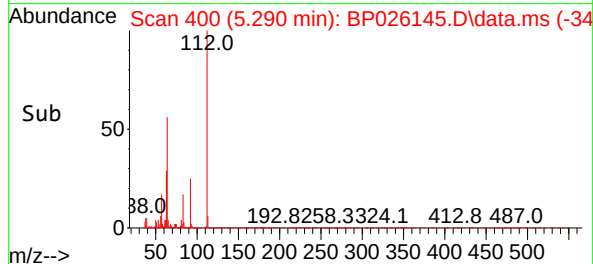
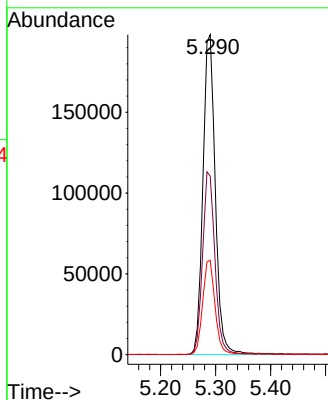
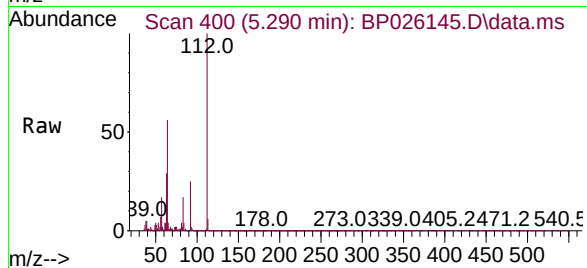




#5
2-Fluorophenol
Concen: 20.603 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

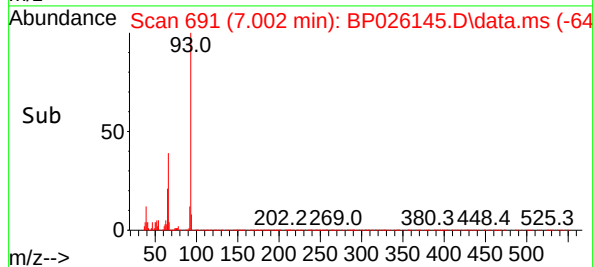
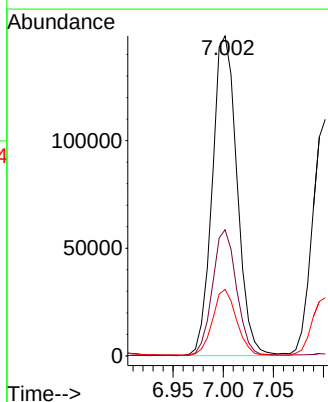
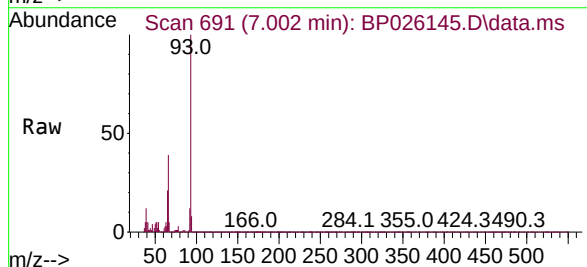
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

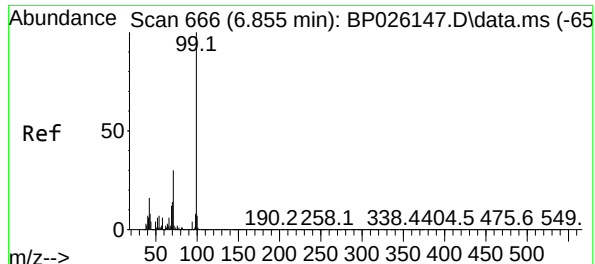
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.8	68.6
63	29.5	23.5	35.3



#6
Aniline
Concen: 10.001 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.4	31.7	47.5
65	20.8	15.8	23.6

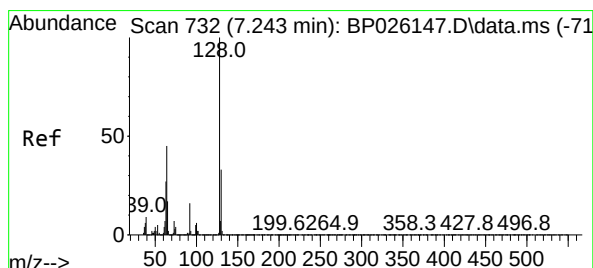
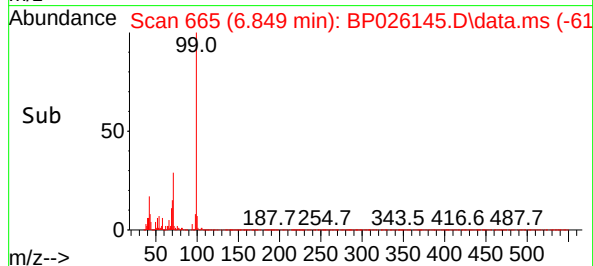
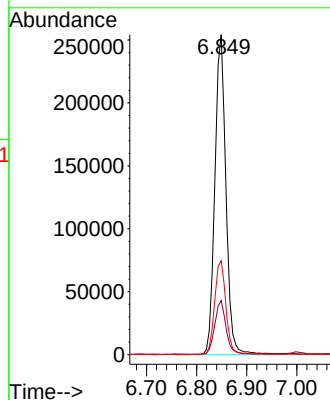
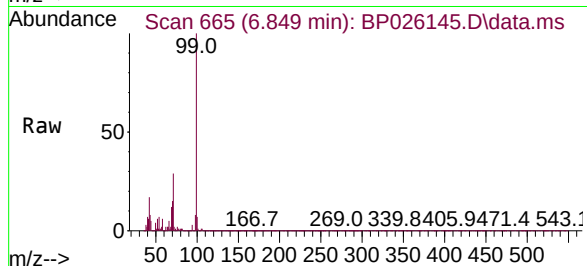




#7
Phenol-d6
Concen: 20.348 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

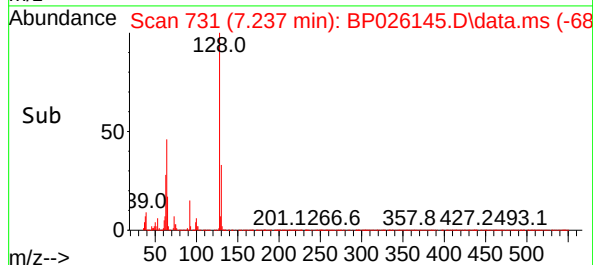
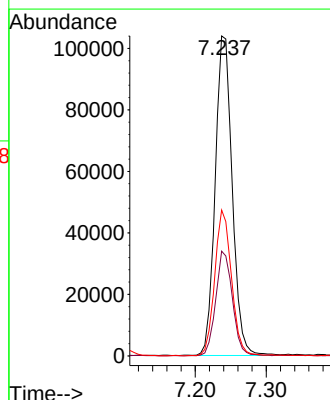
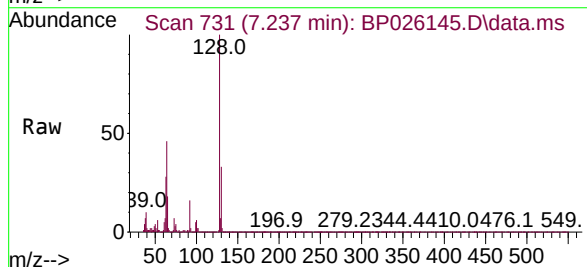
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

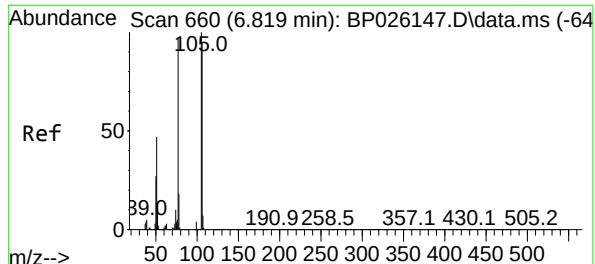
Tgt Ion: 99 Resp: 388699
Ion Ratio Lower Upper
99 100
42 16.9 12.9 19.3
71 29.4 24.8 37.2



#8
2-Chlorophenol
Concen: 10.408 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 128 Resp: 173633
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 45.6 23.9 63.9

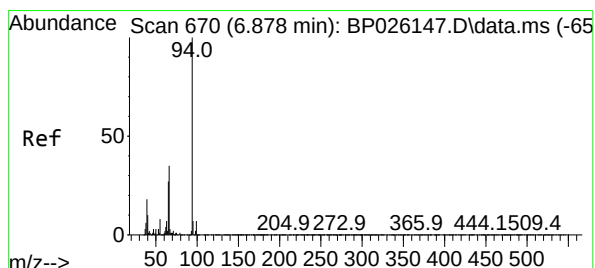
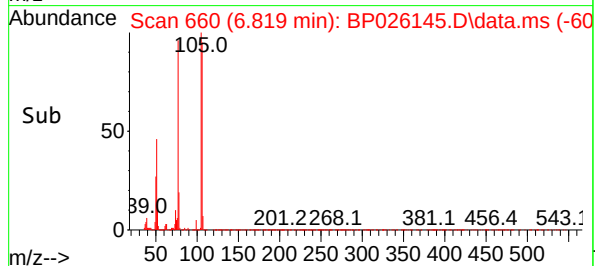
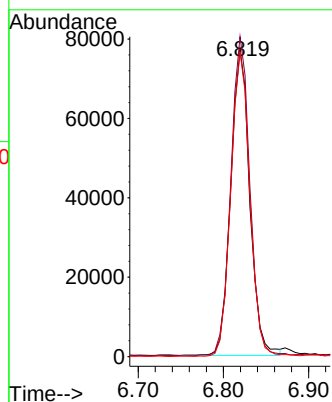
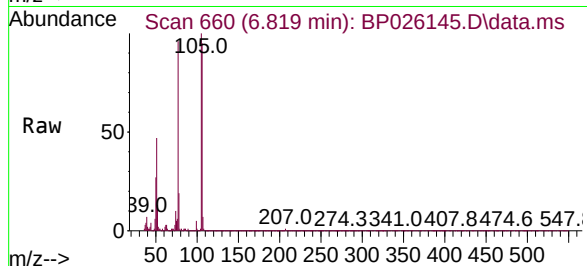




#9
Benzaldehyde
Concen: 12.428 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

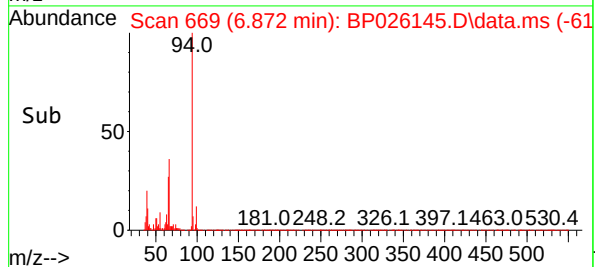
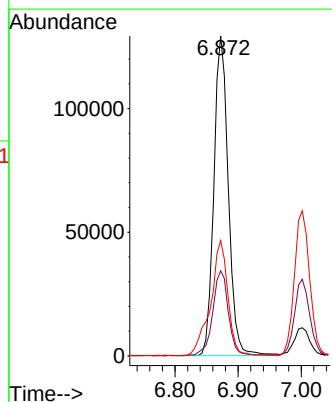
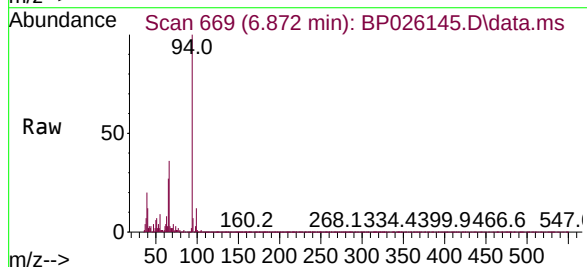
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

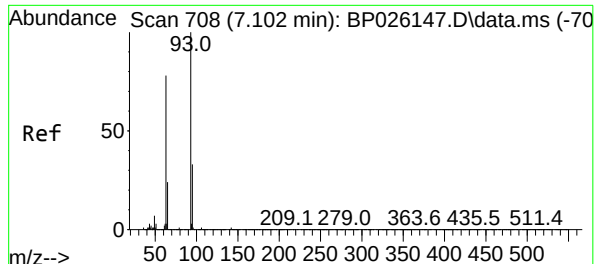
Tgt Ion:	77	Resp:	119591
Ion	Ratio	Lower	Upper
77	100		
105	104.1	82.9	122.9
106	99.0	77.8	117.8



#10
Phenol
Concen: 9.752 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:	94	Resp:	206001
Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.0	47.0
66	36.0	14.5	54.5





#11

bis(2-Chloroethyl)ether

Concen: 9.908 ng

RT: 7.102 min Scan# 708

Delta R.T. 0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

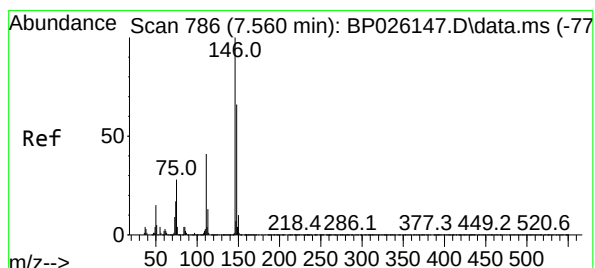
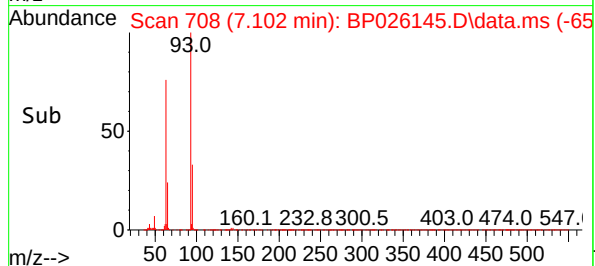
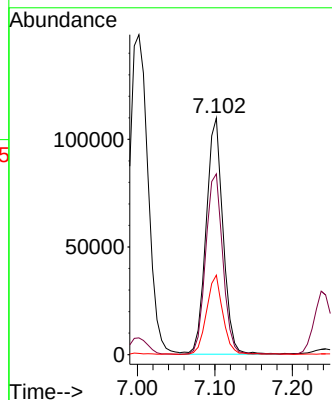
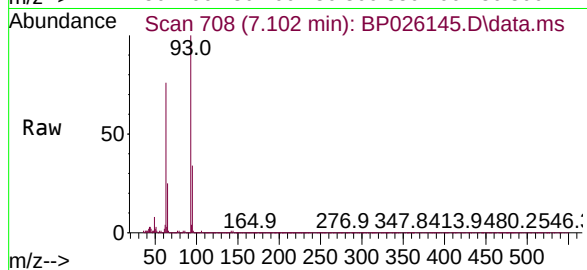
Tgt Ion: 93 Resp: 165713

Ion Ratio Lower Upper

93 100

63 76.4 58.8 98.8

95 33.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 9.947 ng

RT: 7.561 min Scan# 786

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

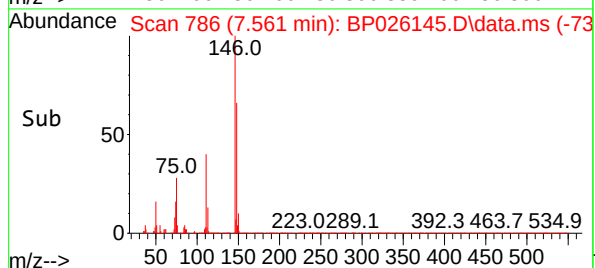
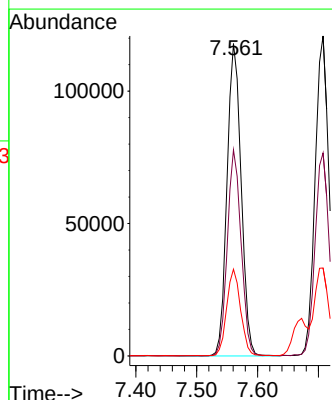
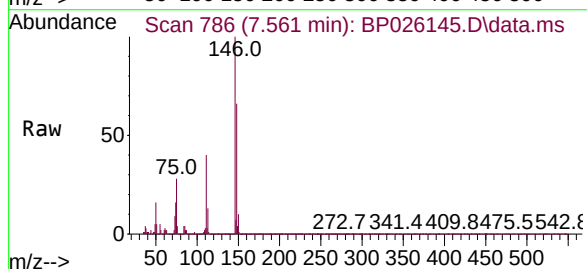
Tgt Ion: 146 Resp: 189523

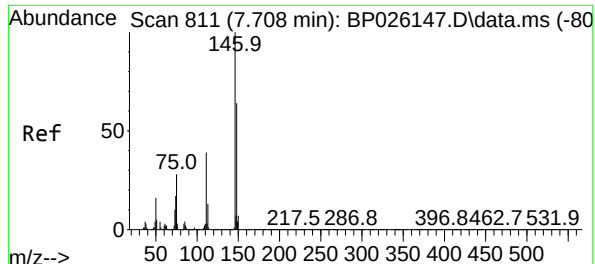
Ion Ratio Lower Upper

146 100

148 66.0 51.8 77.8

75 27.7 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 9.966 ng

RT: 7.708 min Scan# 811

Delta R.T. 0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

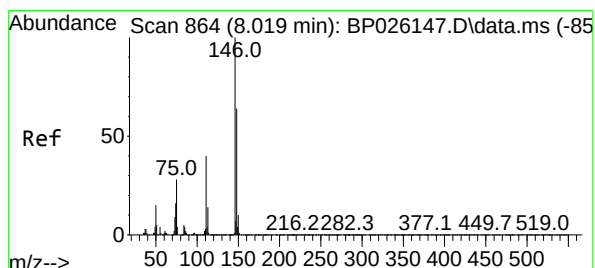
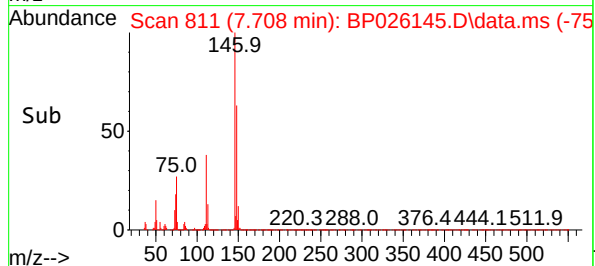
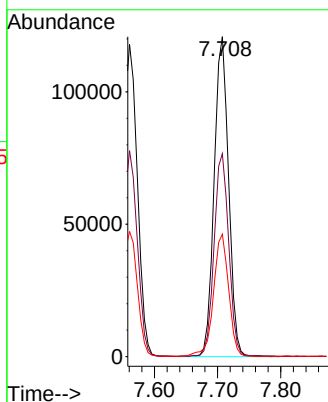
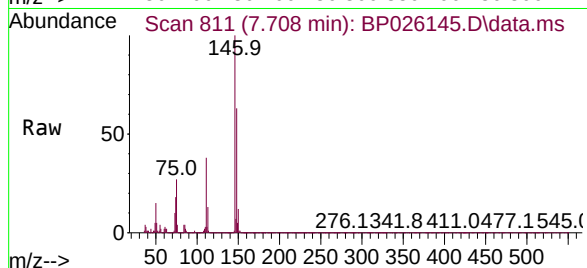
Tgt Ion:146 Resp: 192215

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

111 38.3 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 9.995 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

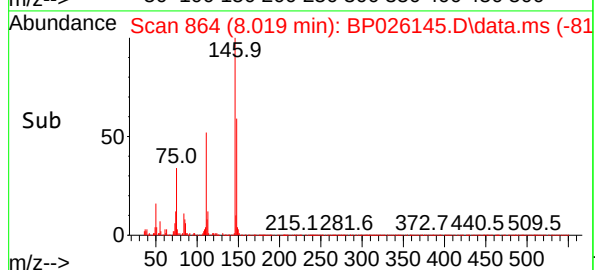
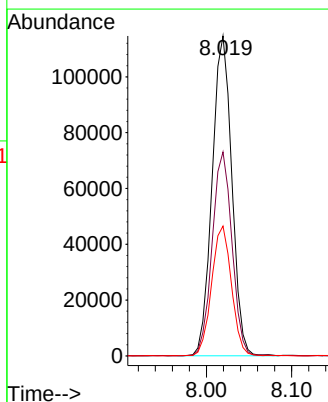
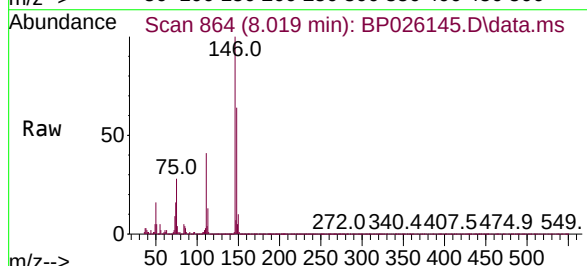
Tgt Ion:146 Resp: 184124

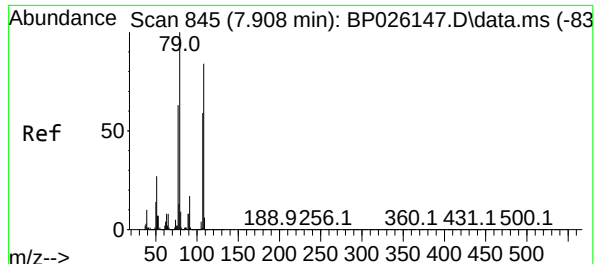
Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 40.6 33.0 49.4





#15

Benzyl Alcohol

Concen: 9.660 ng

RT: 7.902 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

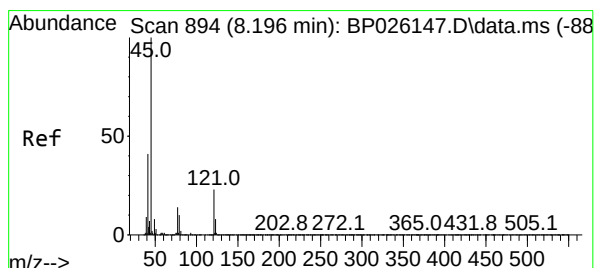
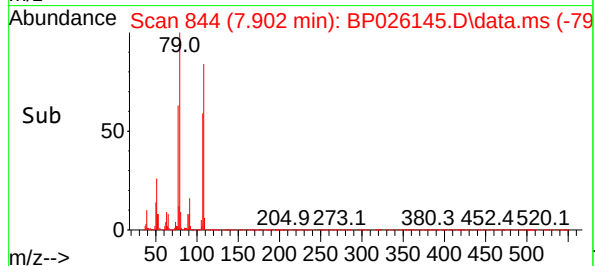
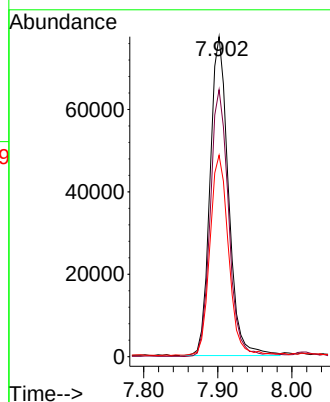
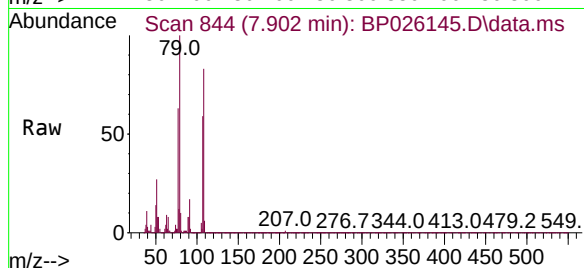
Tgt Ion: 79 Resp: 133455

Ion Ratio Lower Upper

79 100

108 83.4 66.2 99.4

77 62.9 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.130 ng

RT: 8.190 min Scan# 893

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

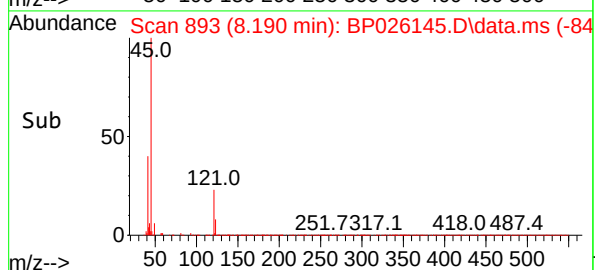
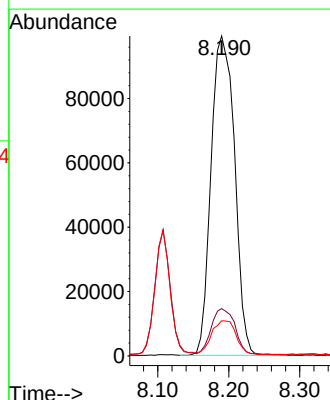
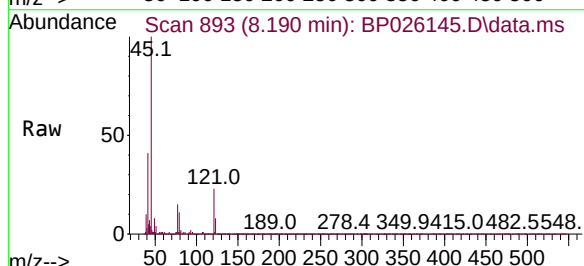
Tgt Ion: 45 Resp: 228694

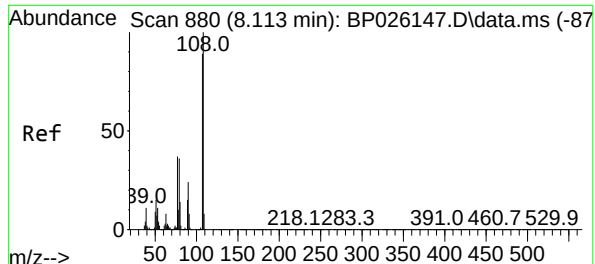
Ion Ratio Lower Upper

45 100

77 14.8 0.0 33.9

79 11.0 0.0 30.4





#17

2-Methylphenol

Concen: 10.067 ng

RT: 8.108 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 139821

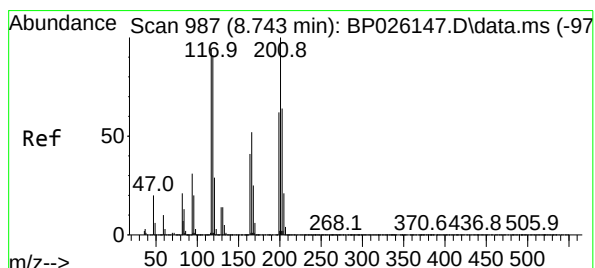
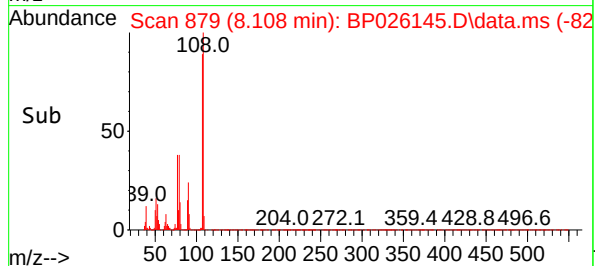
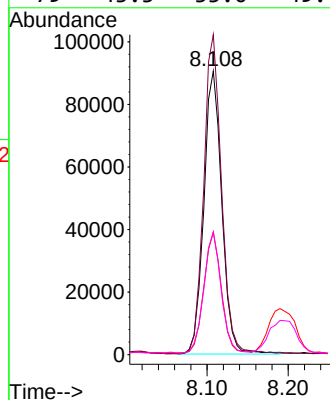
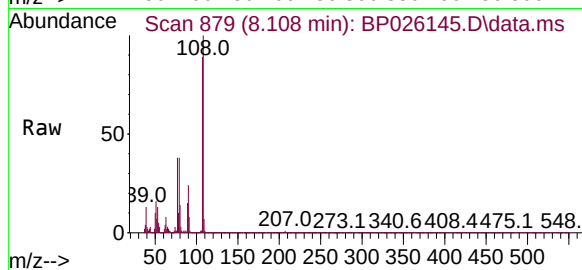
Ion Ratio Lower Upper

107 100

108 112.8 89.7 134.5

77 43.2 33.9 50.9

79 43.3 33.0 49.4



#18

Hexachloroethane

Concen: 10.421 ng

RT: 8.743 min Scan# 987

Delta R.T. 0.000 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

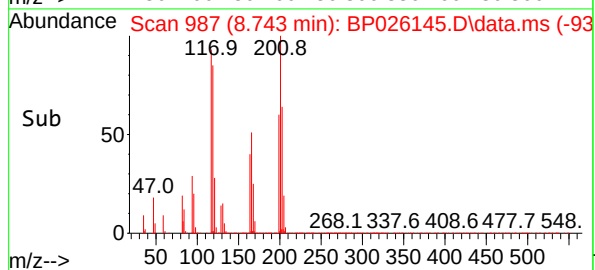
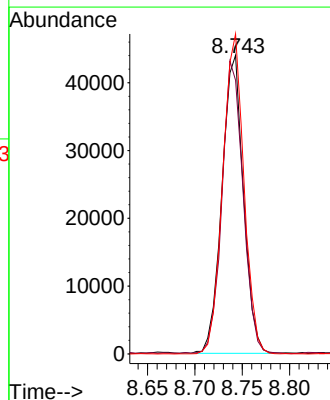
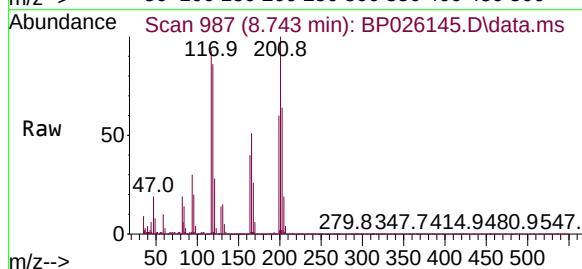
Tgt Ion:117 Resp: 69441

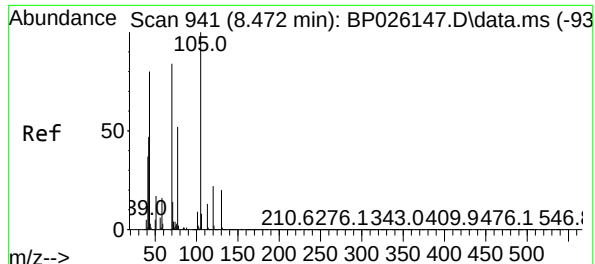
Ion Ratio Lower Upper

117 100

119 91.6 78.7 118.1

201 107.2 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 10.077 ng

RT: 8.460 min Scan# 939

Delta R.T. -0.012 min

Lab File: BP026145.D

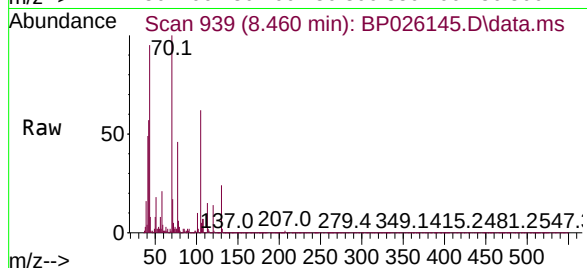
Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010



Tgt Ion: 70 Resp: 119306

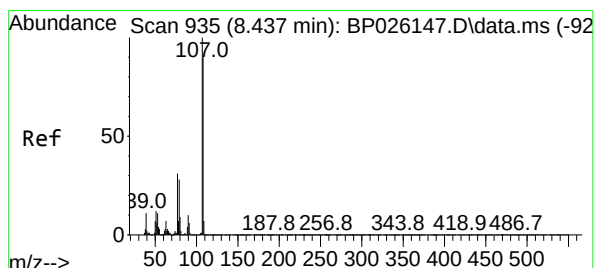
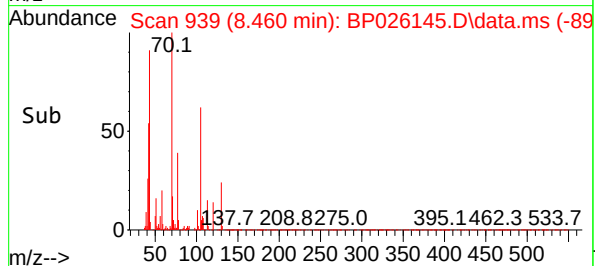
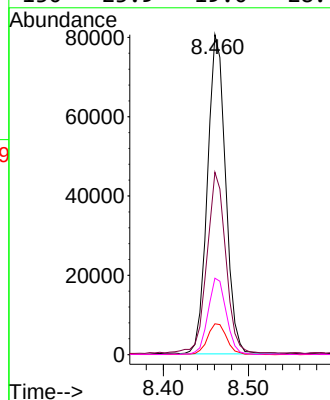
Ion Ratio Lower Upper

70 100

42 57.0 44.1 66.1

101 9.6 8.2 12.4

130 23.9 19.0 28.4



#20

3+4-Methylphenols

Concen: 9.845 ng

RT: 8.431 min Scan# 934

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Tgt Ion: 107 Resp: 190027

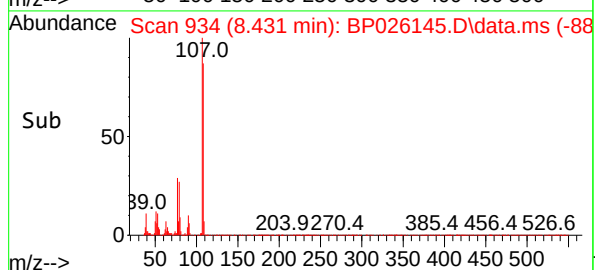
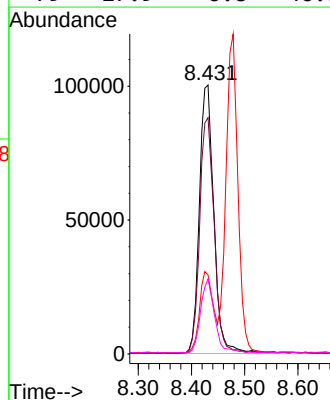
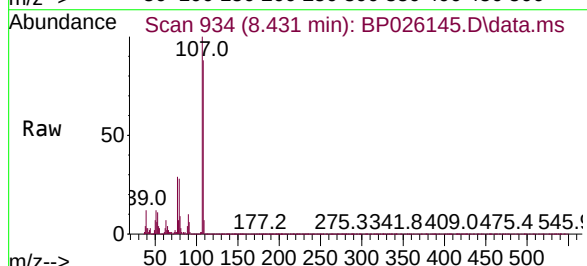
Ion Ratio Lower Upper

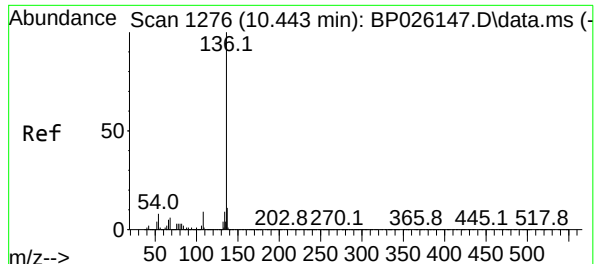
107 100

108 87.9 68.9 108.9

77 29.4 10.4 50.4

79 27.9 6.8 46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.437 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 980614

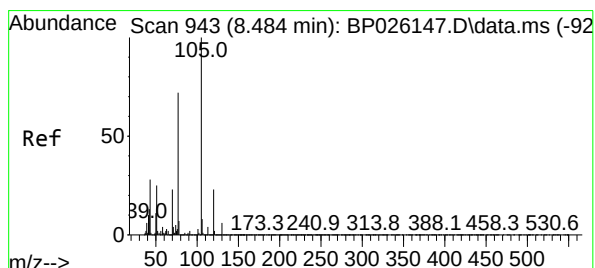
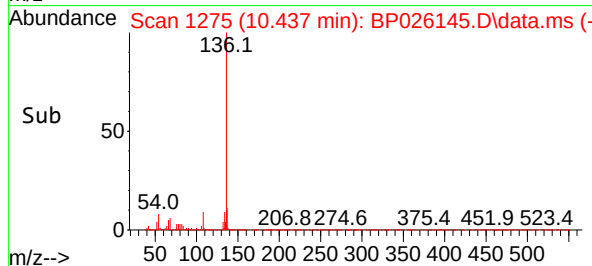
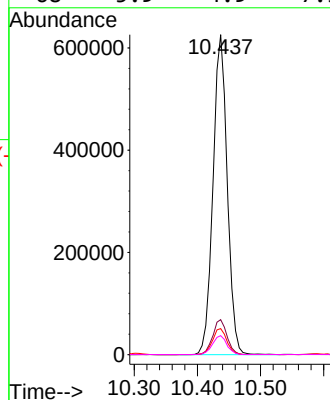
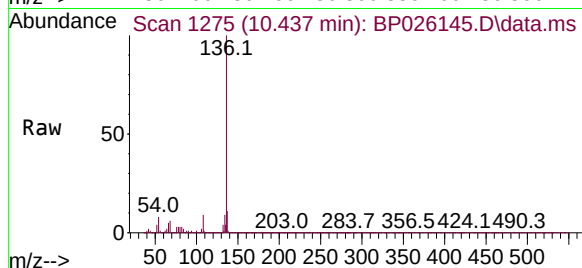
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.1 6.4 9.6

68 5.9 4.9 7.3



#22

Acetophenone

Concen: 10.340 ng

RT: 8.478 min Scan# 942

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Tgt Ion:105 Resp: 255635

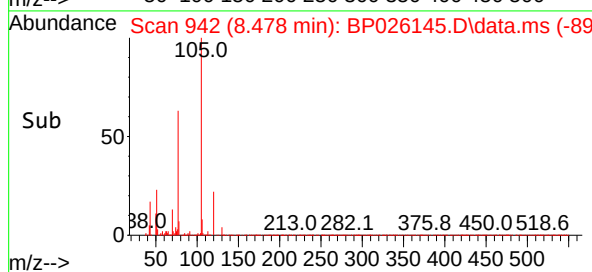
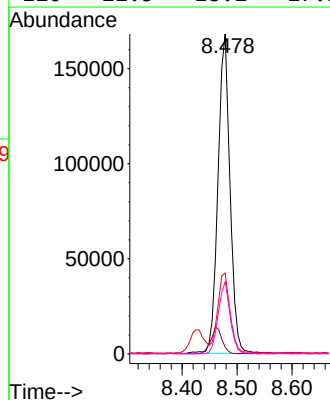
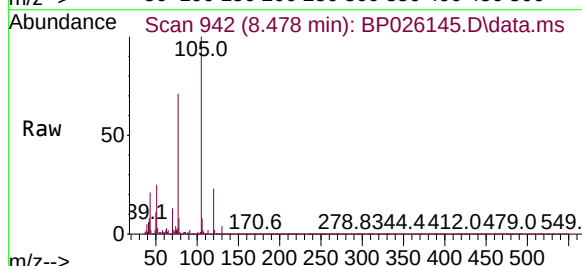
Ion Ratio Lower Upper

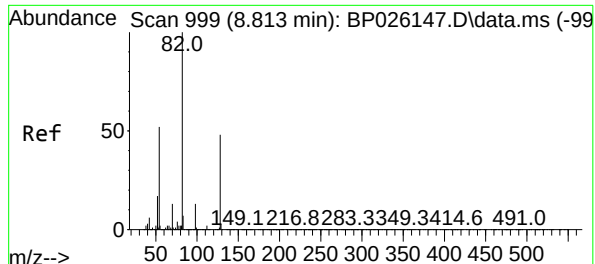
105 100

71 2.2 3.0 4.4

51 25.3 20.5 30.7

120 22.5 18.2 27.2





#23

Nitrobenzene-d5

Concen: 22.067 ng

RT: 8.808 min Scan# 99

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

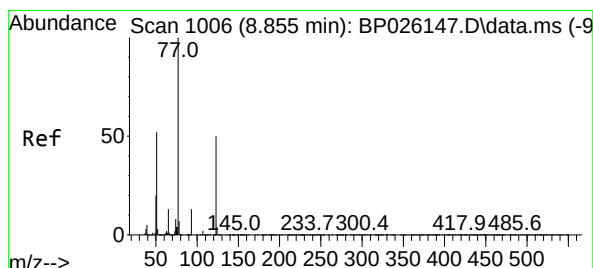
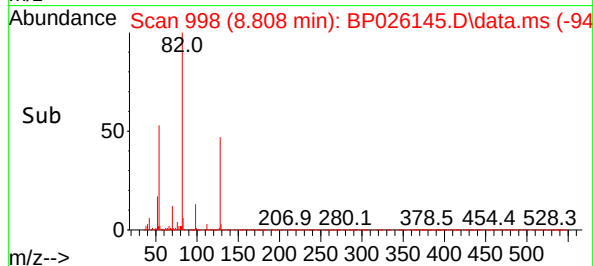
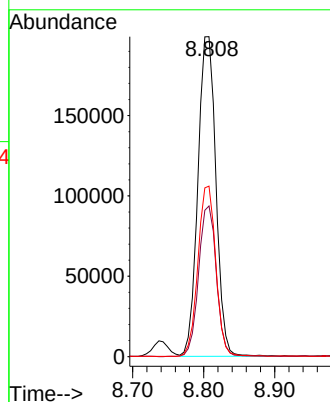
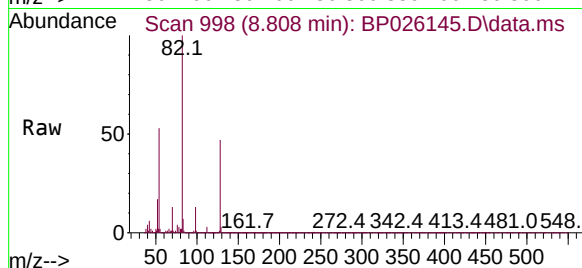
Tgt Ion: 82 Resp: 349731

Ion Ratio Lower Upper

82 100

128 47.1 37.4 56.0

54 53.3 41.6 62.4



#24

Nitrobenzene

Concen: 10.525 ng

RT: 8.849 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

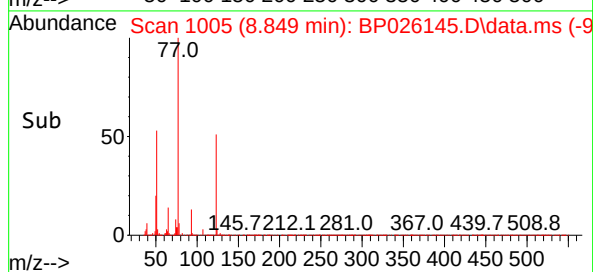
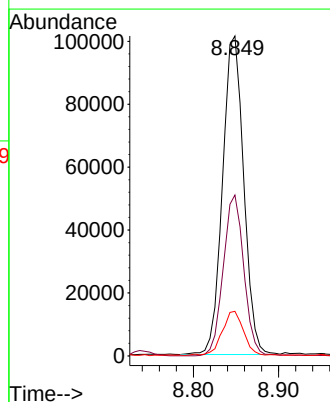
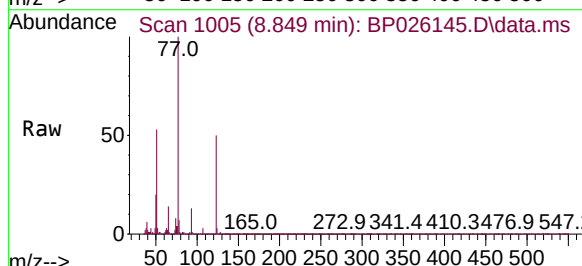
Tgt Ion: 77 Resp: 174709

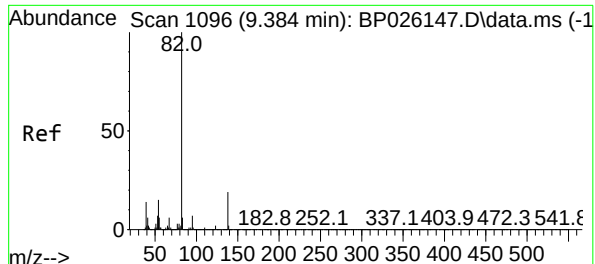
Ion Ratio Lower Upper

77 100

123 50.3 39.8 59.8

65 13.9 11.2 16.8





#25

Isophorone

Concen: 10.129 ng

RT: 9.378 min Scan# 1095

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

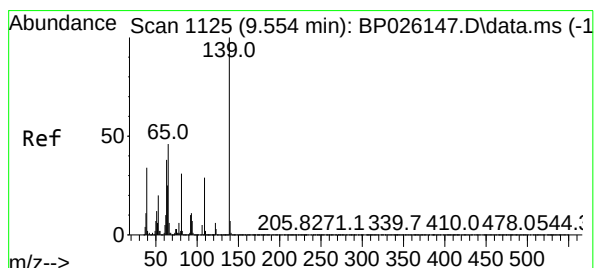
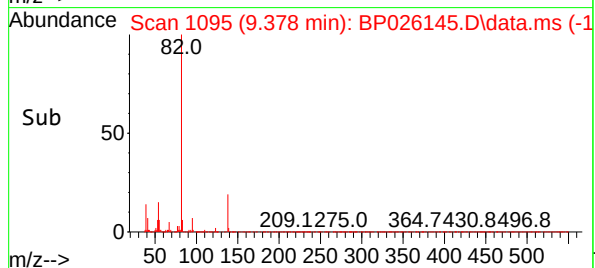
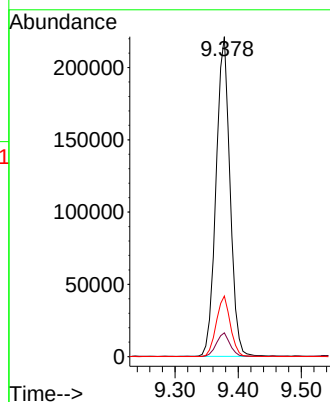
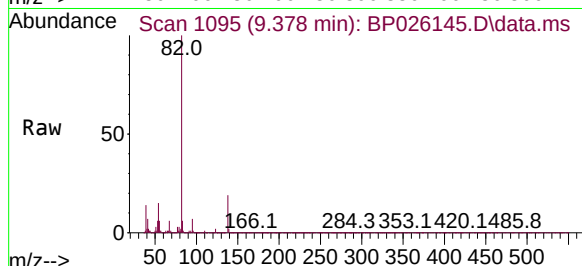
Tgt Ion: 82 Resp: 339778

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.0

138 18.9 15.4 23.0



#26

2-Nitrophenol

Concen: 14.210 ng

RT: 9.555 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

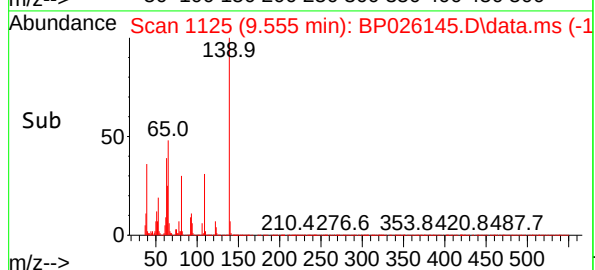
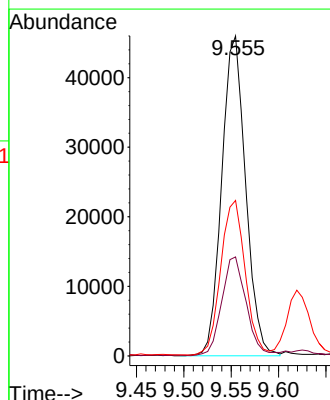
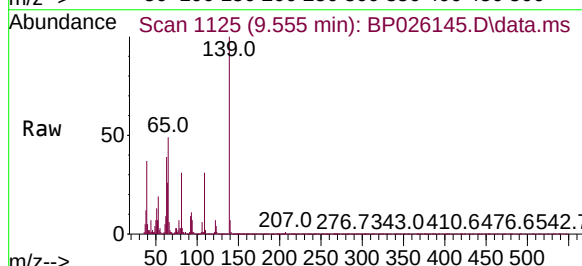
Tgt Ion: 139 Resp: 80502

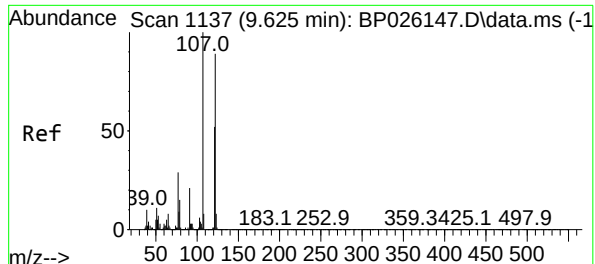
Ion Ratio Lower Upper

139 100

109 30.9 22.3 33.5

65 48.6 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 11.184 ng

RT: 9.619 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

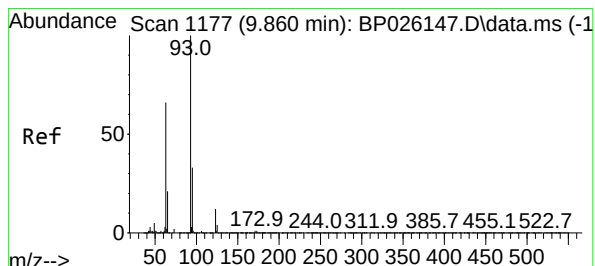
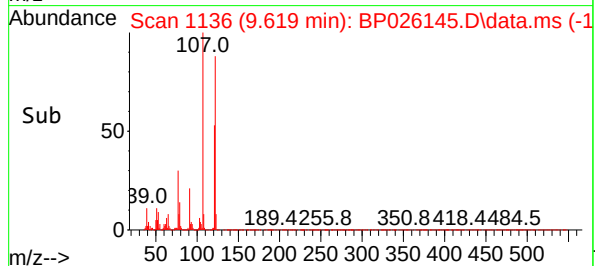
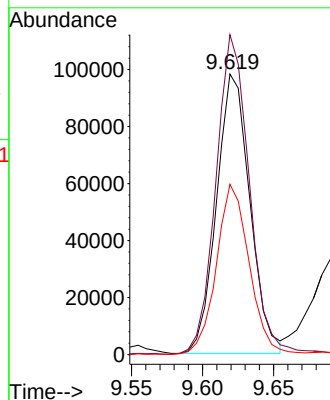
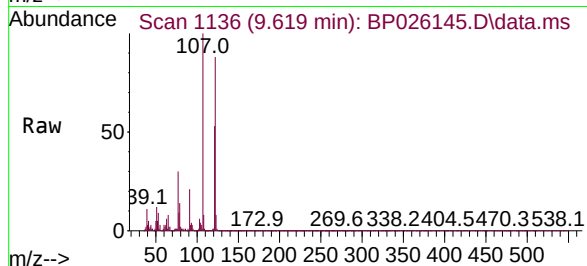
Tgt Ion:122 Resp: 160115

Ion Ratio Lower Upper

122 100

107 114.1 91.0 136.6

121 60.7 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 10.157 ng

RT: 9.855 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

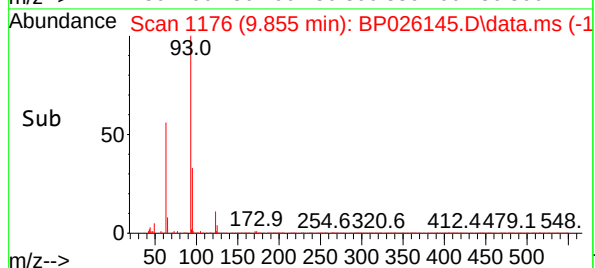
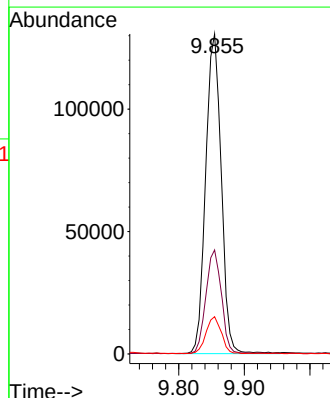
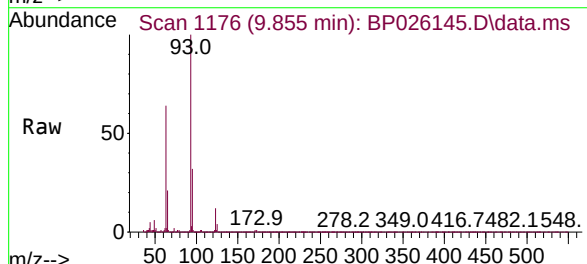
Tgt Ion: 93 Resp: 215062

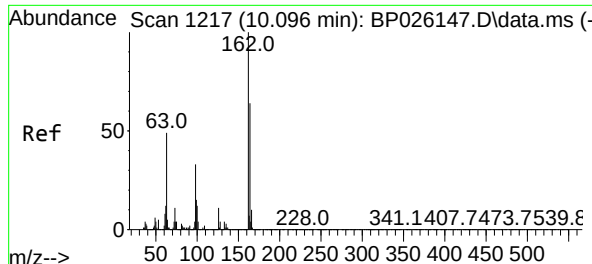
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 10.558 ng

RT: 10.090 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

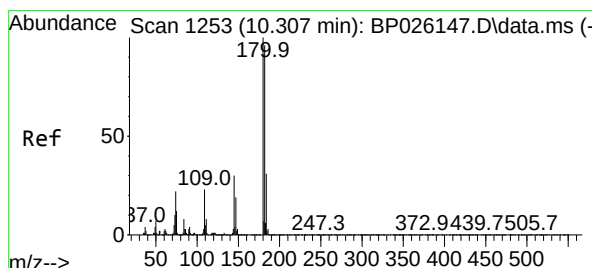
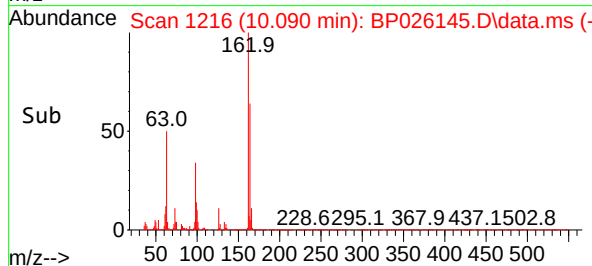
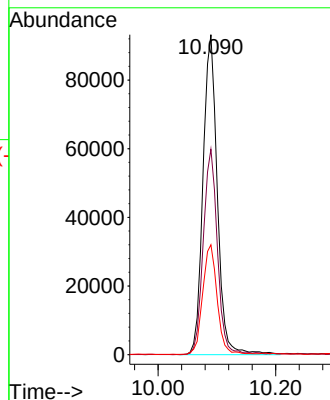
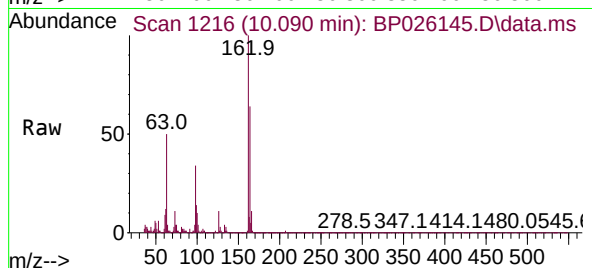
Tgt Ion:162 Resp: 157750

Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

98 34.3 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 10.189 ng

RT: 10.302 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

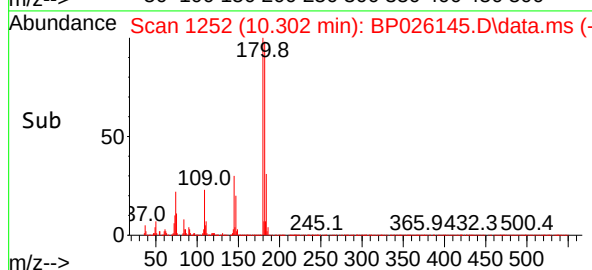
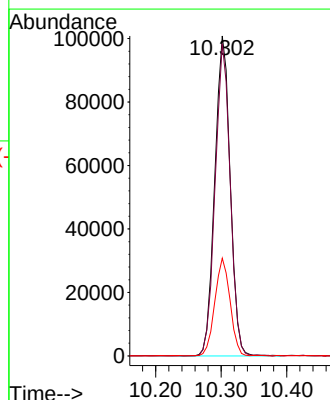
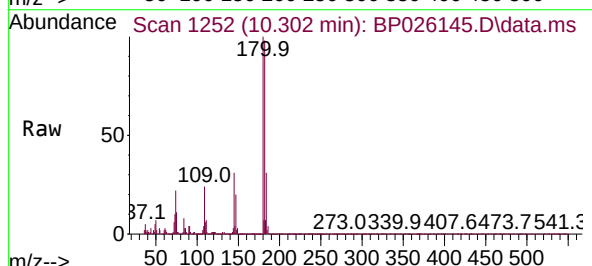
Tgt Ion:180 Resp: 165087

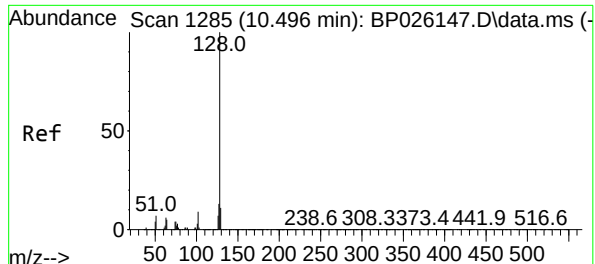
Ion Ratio Lower Upper

180 100

182 97.5 78.1 117.1

145 30.5 24.2 36.4





#31

Naphthalene

Concen: 10.256 ng

RT: 10.484 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDIC010

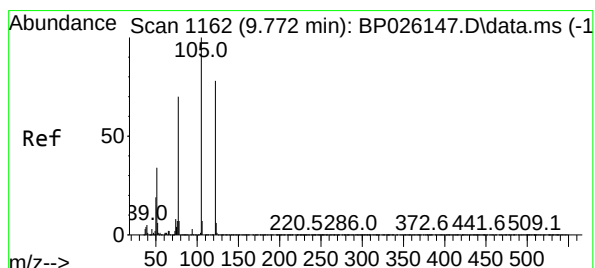
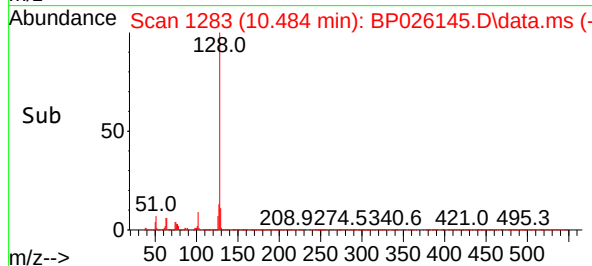
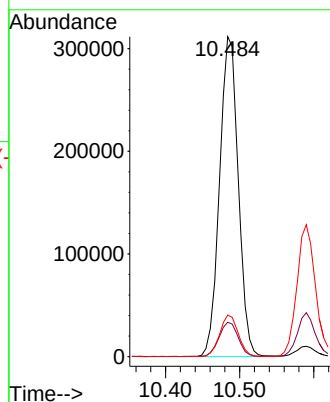
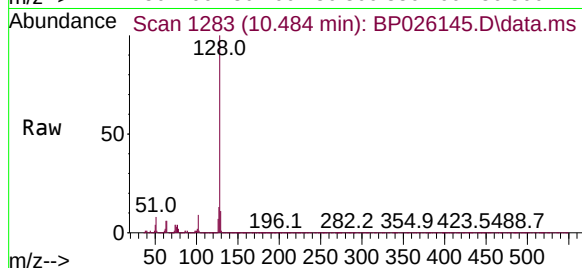
Tgt Ion:128 Resp: 546001

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 11.868 ng

RT: 9.702 min Scan# 1150

Delta R.T. -0.064 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

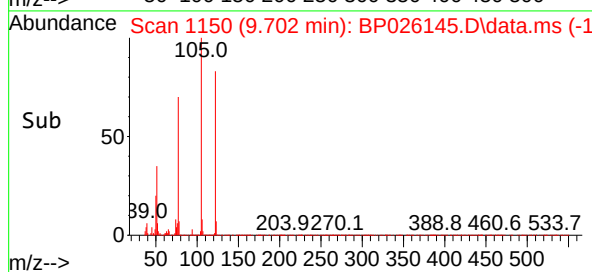
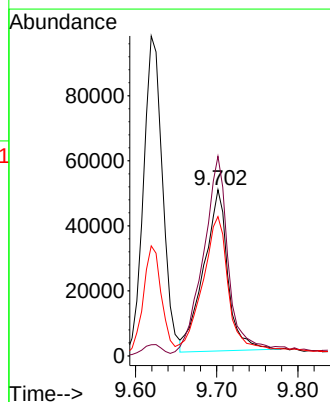
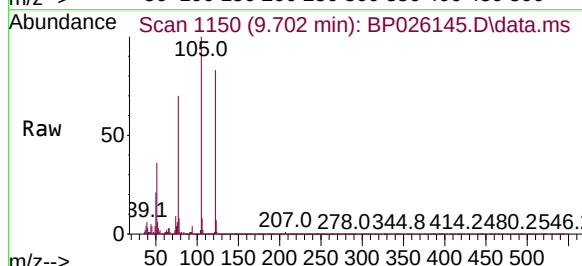
Tgt Ion:122 Resp: 102438

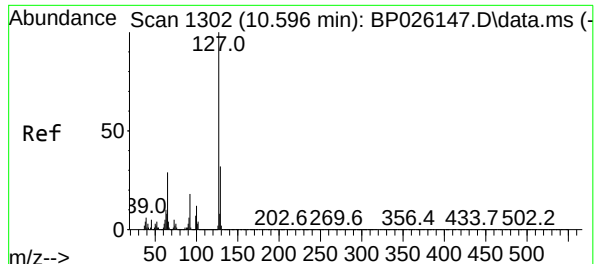
Ion Ratio Lower Upper

122 100

105 120.1 100.1 140.1

77 83.9 66.7 106.7

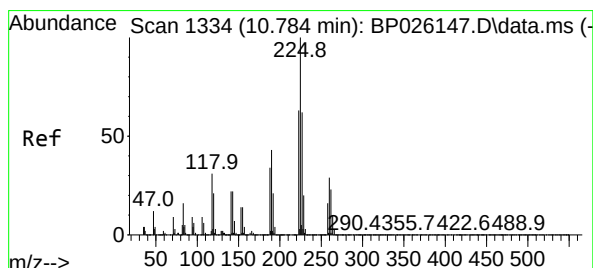
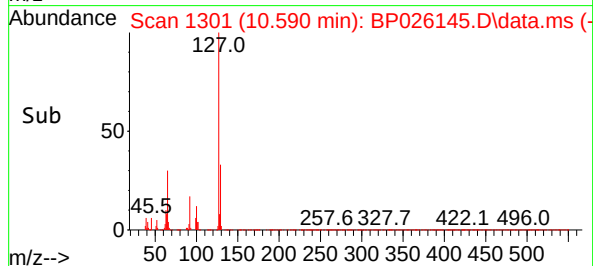
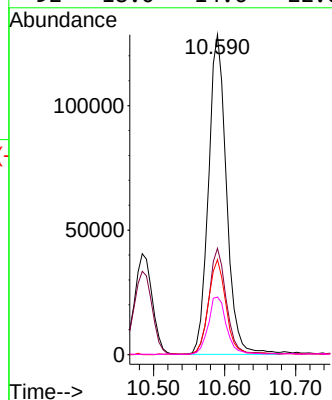
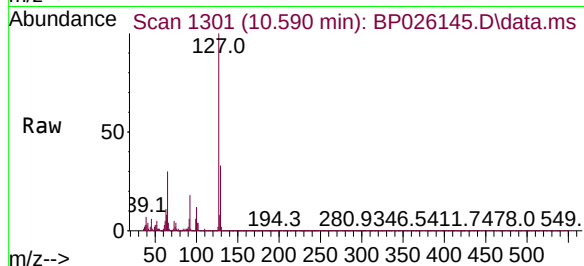




#33
4-Chloroaniline
Concen: 10.919 ng
RT: 10.590 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

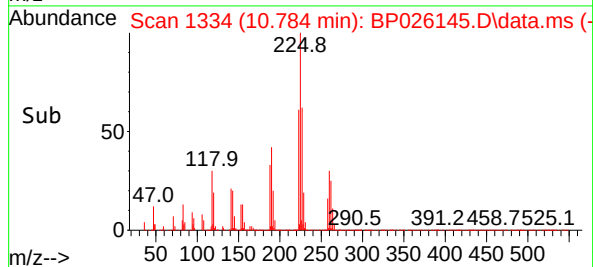
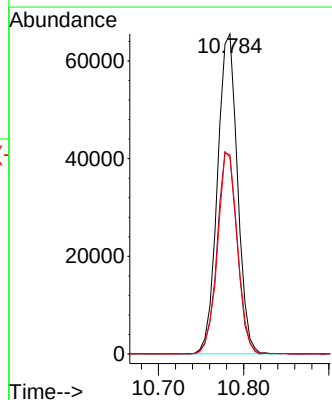
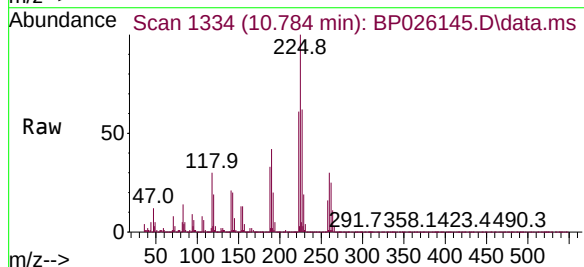
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

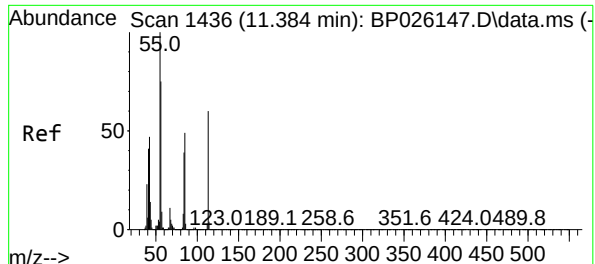
Tgt Ion:	127	Resp:	225844
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	29.7	22.7	34.1
92	18.0	14.6	22.0



#34
Hexachlorobutadiene
Concen: 10.297 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:	225	Resp:	106776
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.6	74.4
227	62.2	51.2	76.8

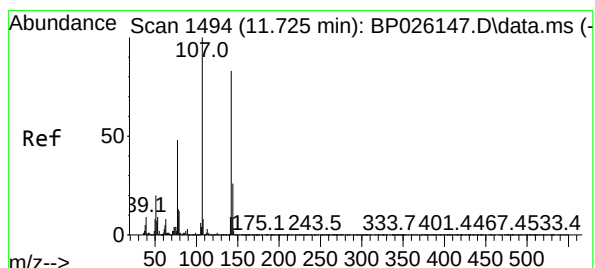
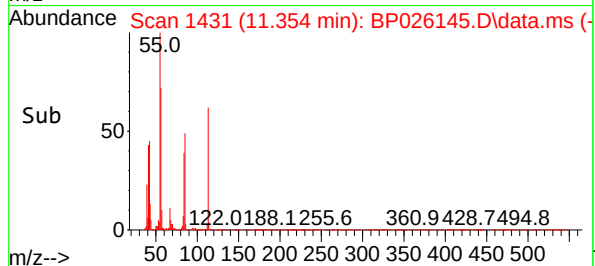
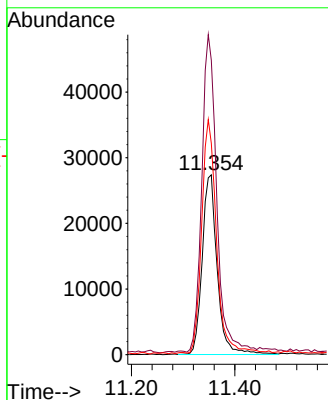
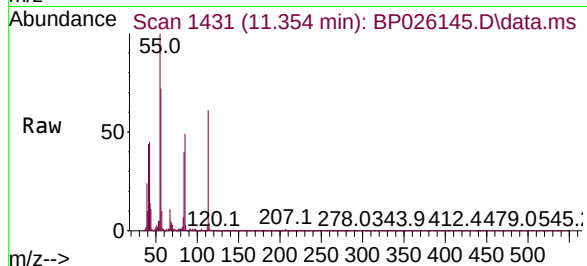




#35
Caprolactam
Concen: 10.571 ng
RT: 11.354 min Scan# 1436
Delta R.T. -0.023 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

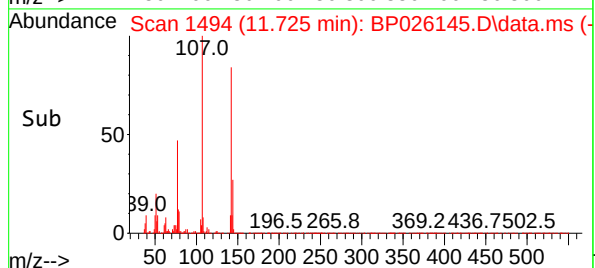
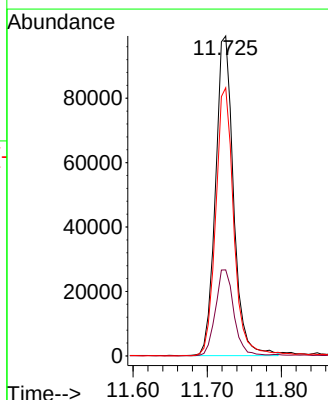
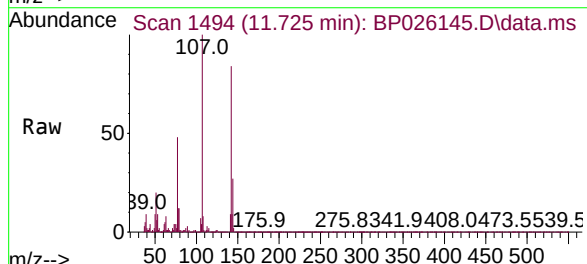
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

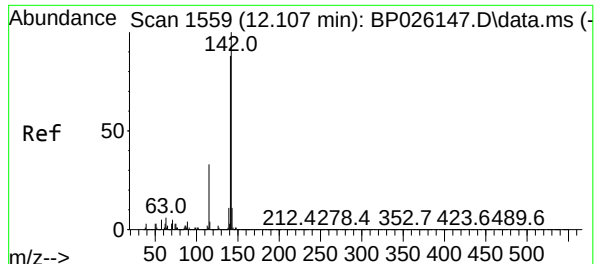
Tgt Ion	Ratio	Lower	Upper
113	100		
55	163.8	153.0	193.0
56	117.6	106.4	146.4



#36
4-Chloro-3-methylphenol
Concen: 10.736 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.6	32.4
142	83.8	65.6	98.4





#37

2-Methylnaphthalene

Concen: 10.423 ng

RT: 12.101 min Scan# 1558

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDIC010

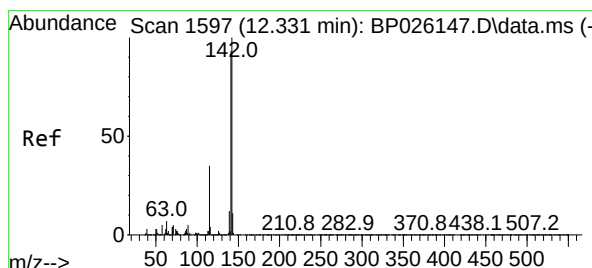
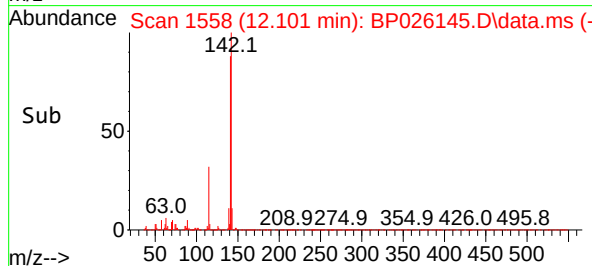
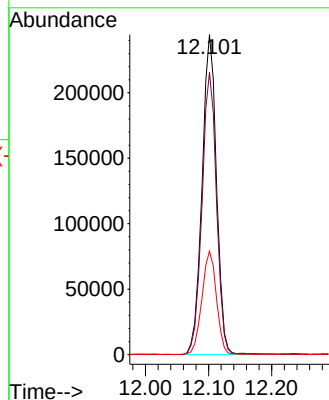
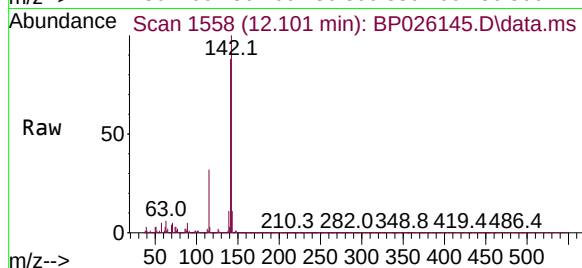
Tgt Ion:142 Resp: 387952

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

115 32.3 26.6 39.8



#38

1-Methylnaphthalene

Concen: 10.395 ng

RT: 12.325 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

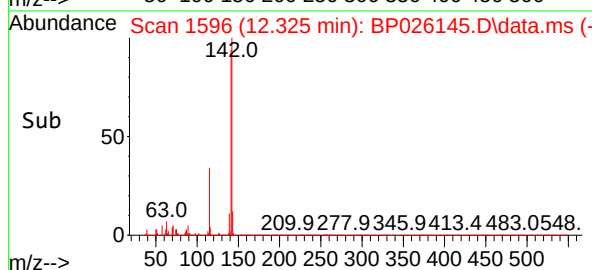
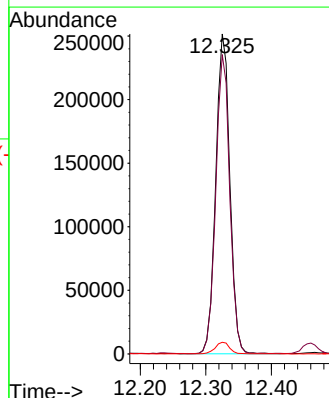
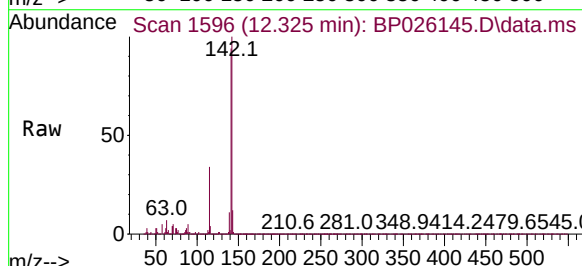
Tgt Ion:142 Resp: 376177

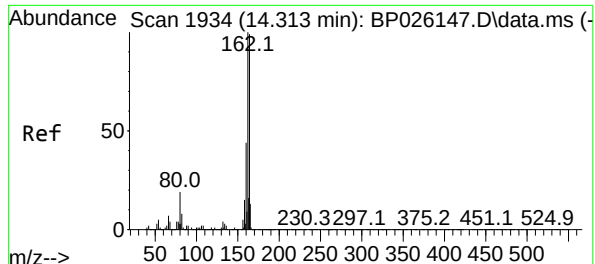
Ion Ratio Lower Upper

142 100

141 93.5 73.5 110.3

116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

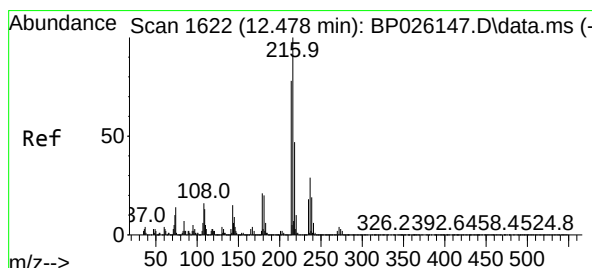
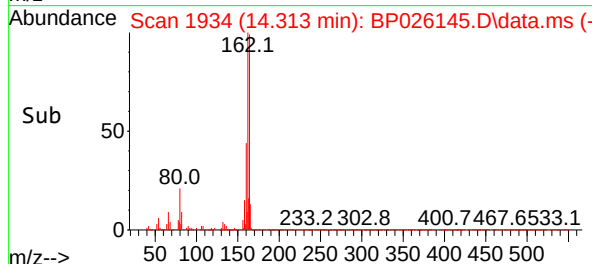
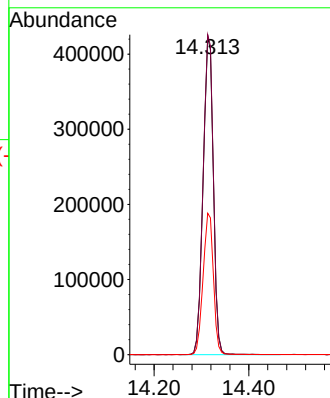
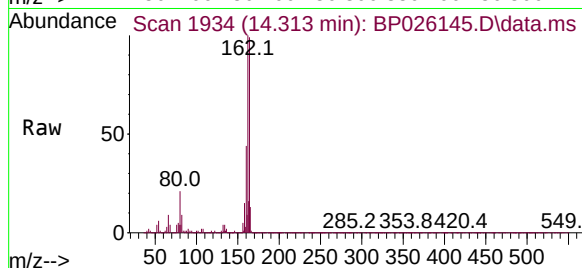
Tgt Ion:164 Resp: 630488

Ion Ratio Lower Upper

164 100

162 100.8 80.3 120.5

160 44.6 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.860 ng

RT: 12.472 min Scan# 1621

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Tgt Ion:216 Resp: 192367

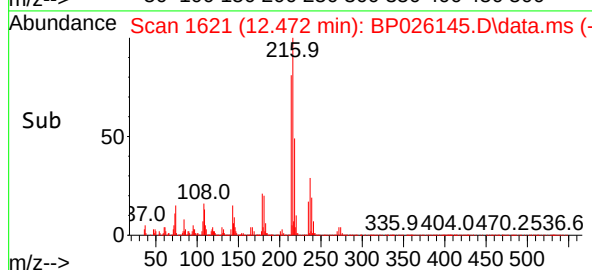
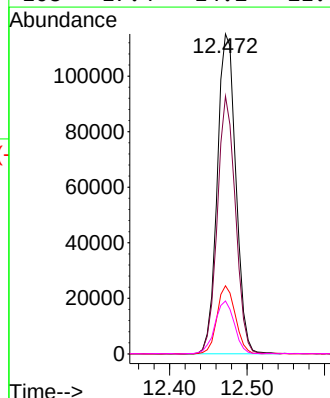
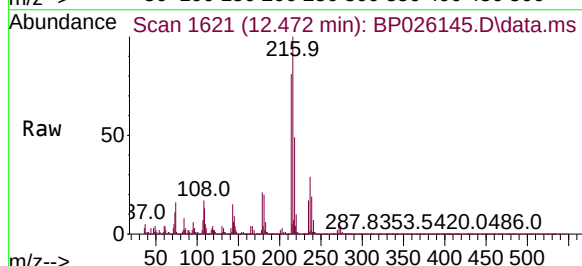
Ion Ratio Lower Upper

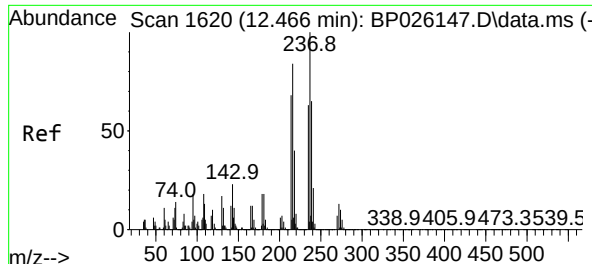
216 100

214 78.6 62.6 94.0

179 20.9 16.6 25.0

108 17.4 14.2 21.4

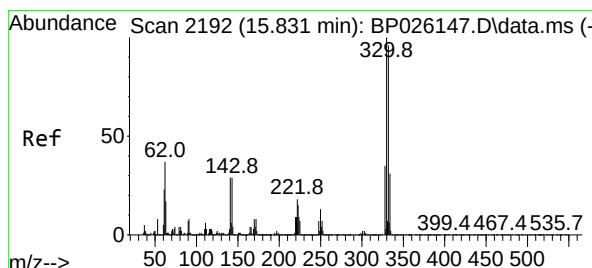
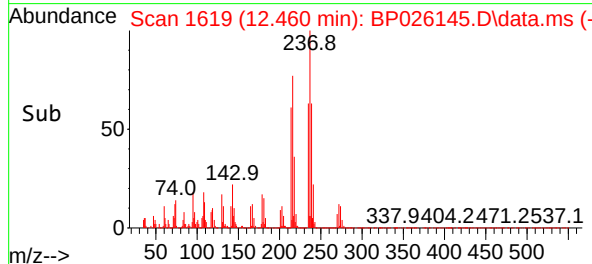
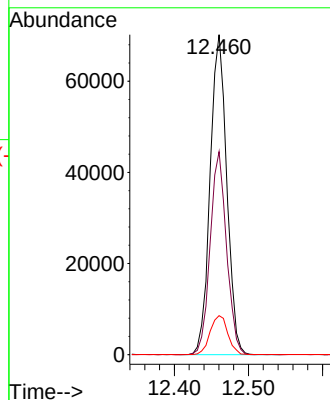
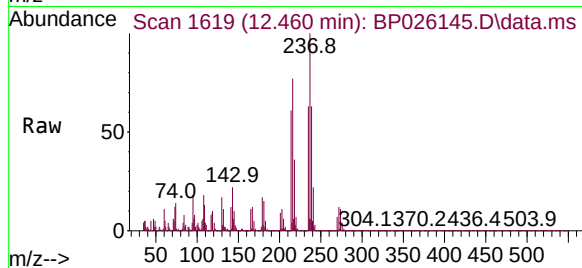




#41
Hexachlorocyclopentadiene
Concen: 13.468 ng
RT: 12.460 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

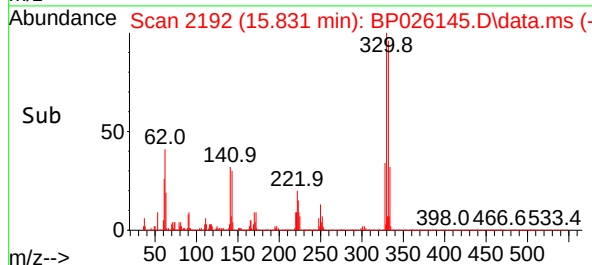
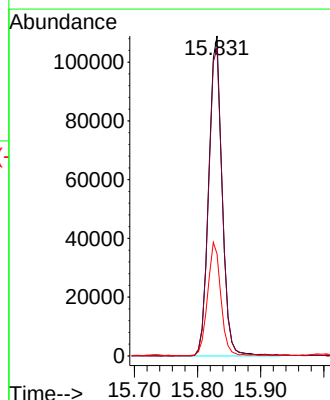
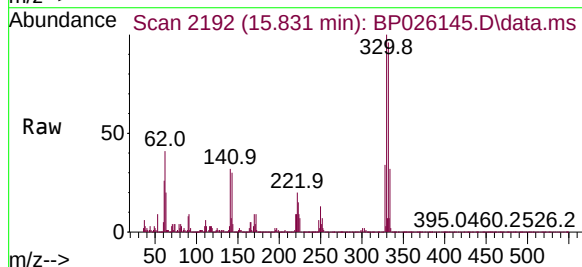
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

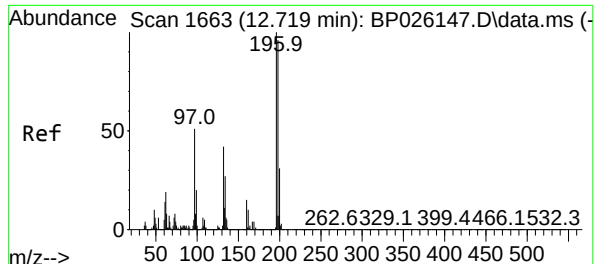
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.3	83.3
272	12.2	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 23.122 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.0	117.0
141	35.0	26.8	40.2





#43

2,4,6-Trichlorophenol

Concen: 10.910 ng

RT: 12.713 min Scan# 1662

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

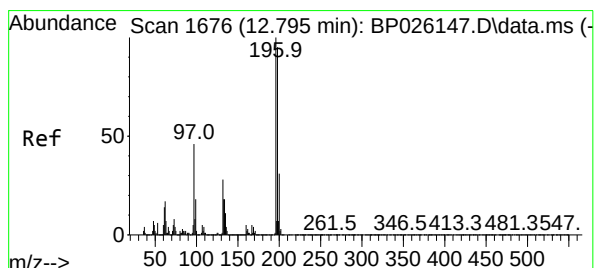
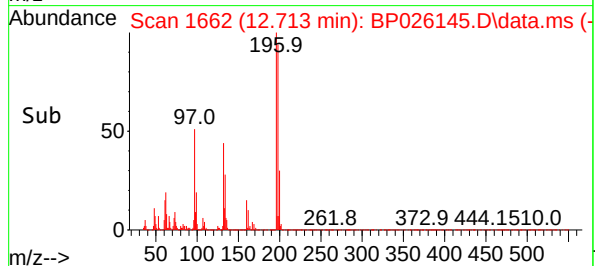
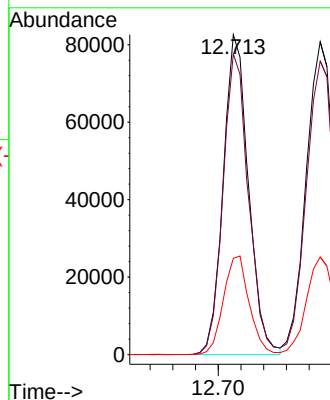
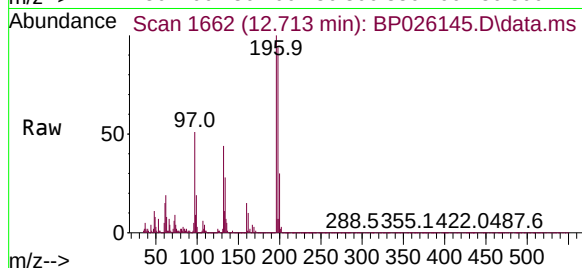
Tgt Ion:196 Resp: 127331

Ion Ratio Lower Upper

196 100

198 94.0 76.9 115.3

200 30.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 10.794 ng

RT: 12.790 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Tgt Ion:196 Resp: 143128

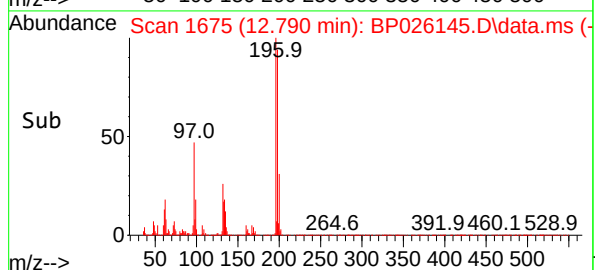
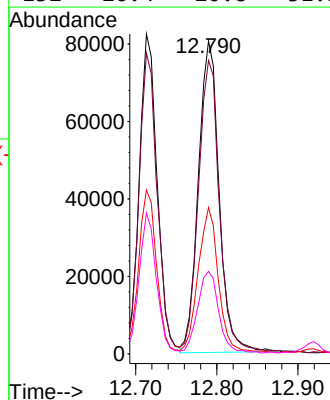
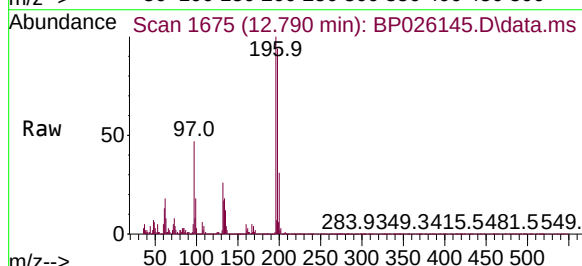
Ion Ratio Lower Upper

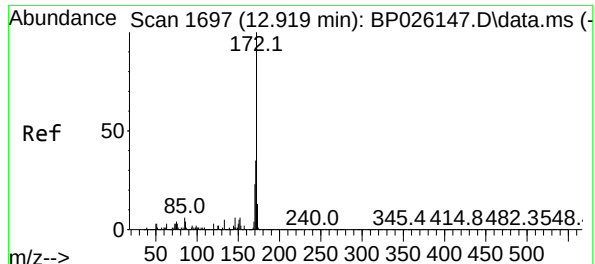
196 100

198 93.8 76.4 114.6

97 46.8 35.7 53.5

132 26.4 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 20.807 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

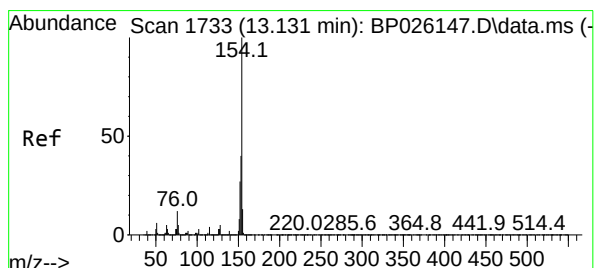
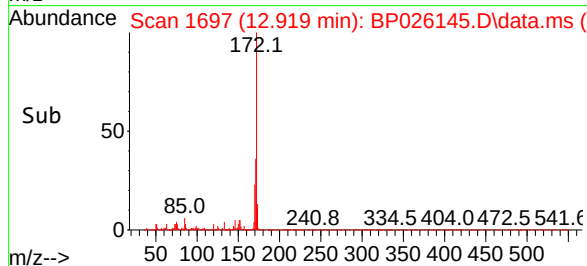
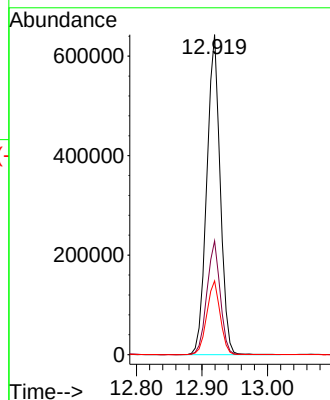
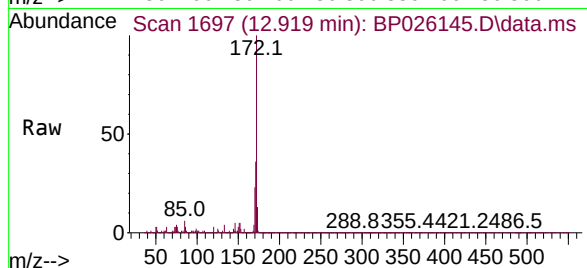
Tgt Ion:172 Resp: 909238

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.0 18.7 28.1



#46

1,1'-Biphenyl

Concen: 10.101 ng

RT: 13.125 min Scan# 1732

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

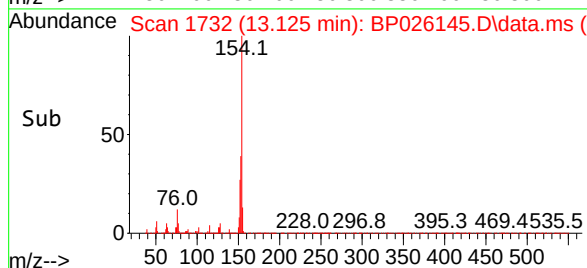
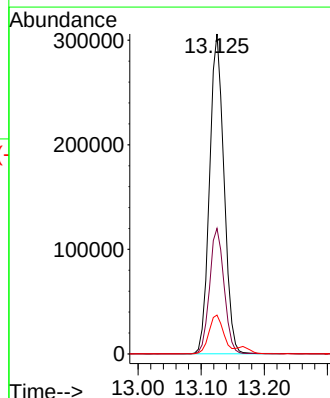
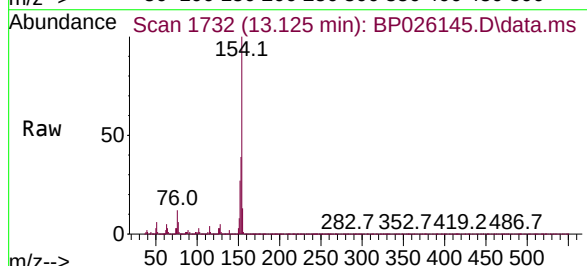
Tgt Ion:154 Resp: 485448

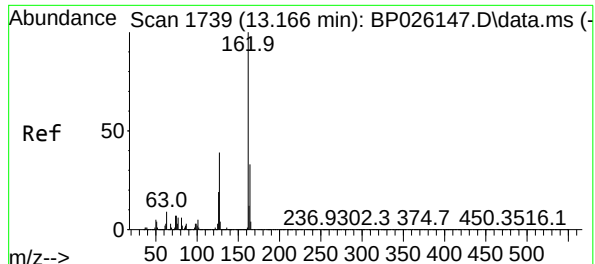
Ion Ratio Lower Upper

154 100

153 39.2 20.3 60.3

76 12.1 0.0 32.3





#47

2-Chloronaphthalene

Concen: 10.136 ng

RT: 13.166 min Scan# 1739

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

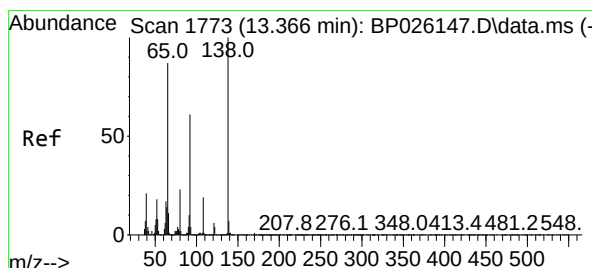
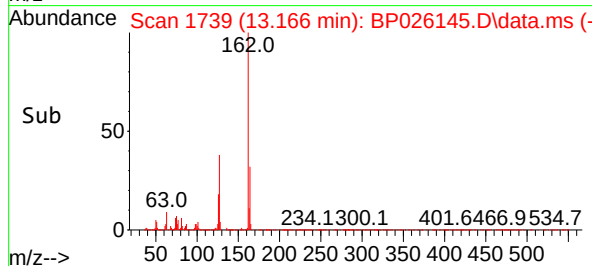
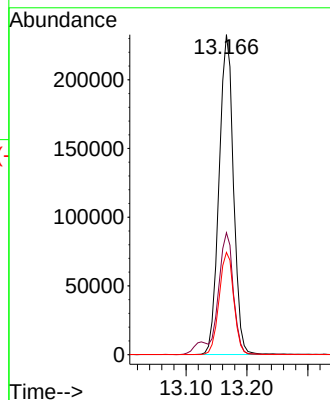
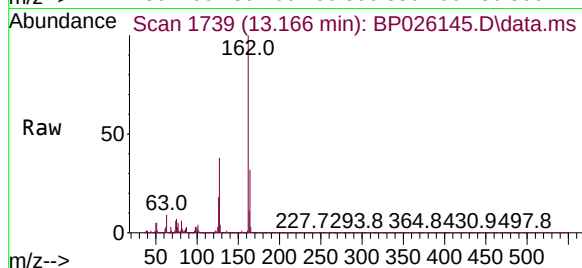
Tgt Ion:162 Resp: 382981

Ion Ratio Lower Upper

162 100

127 38.1 30.9 46.3

164 31.9 26.4 39.6



#48

2-Nitroaniline

Concen: 11.256 ng

RT: 13.366 min Scan# 1773

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

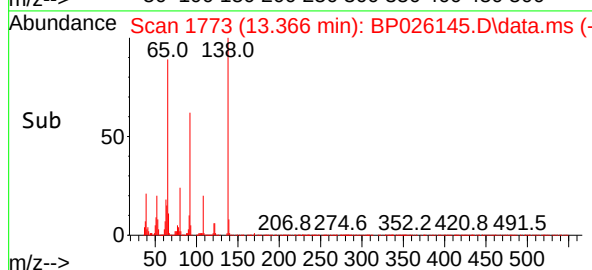
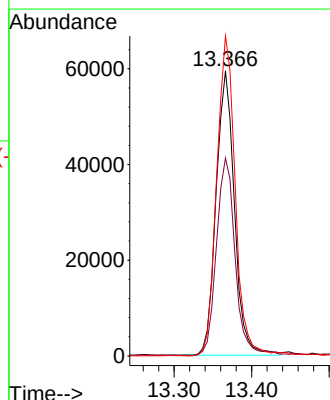
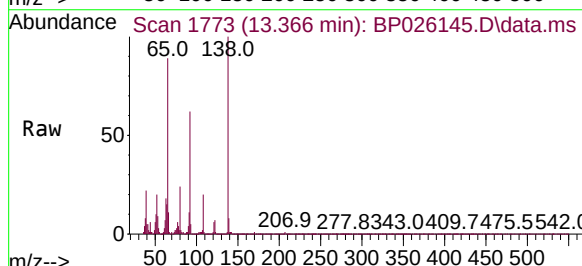
Tgt Ion: 65 Resp: 97829

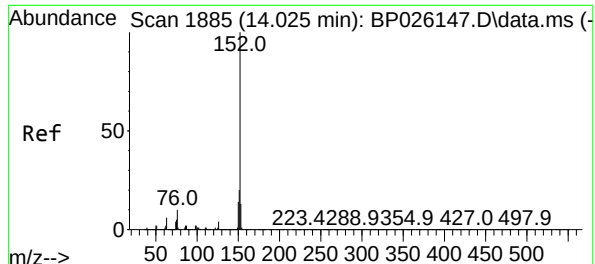
Ion Ratio Lower Upper

65 100

92 69.4 59.1 88.7

138 112.3 96.6 145.0





#49

Acenaphthylene

Concen: 11.215 ng

RT: 14.025 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

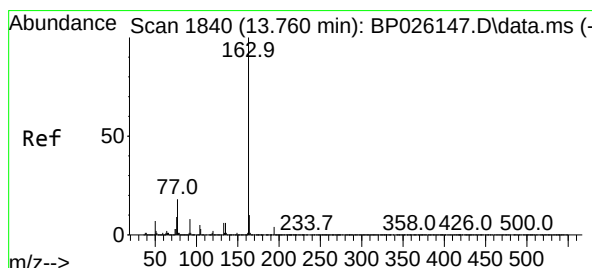
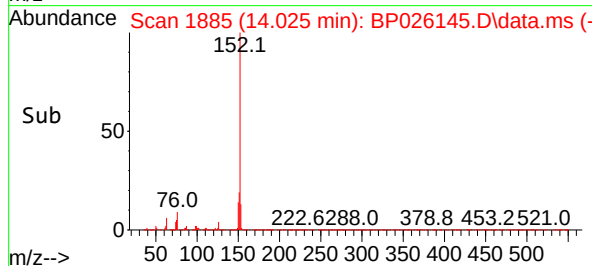
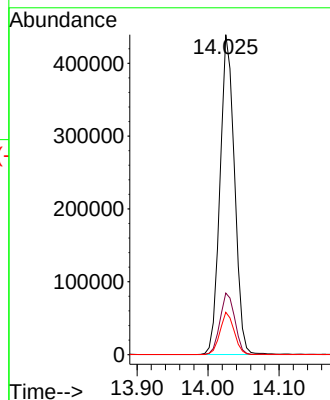
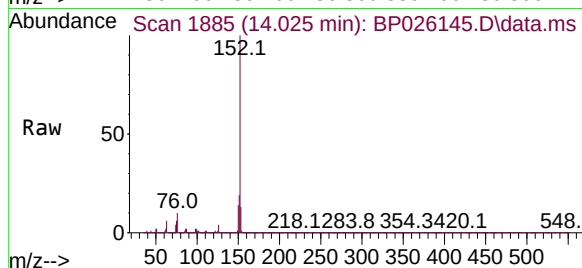
Tgt Ion:152 Resp: 626312

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.8

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 10.476 ng

RT: 13.760 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

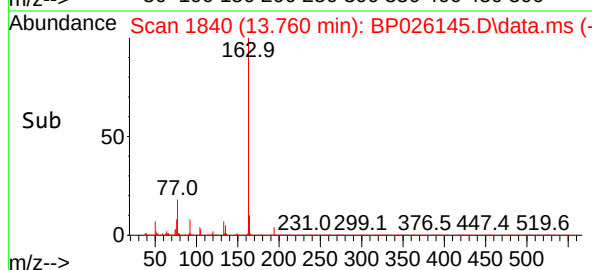
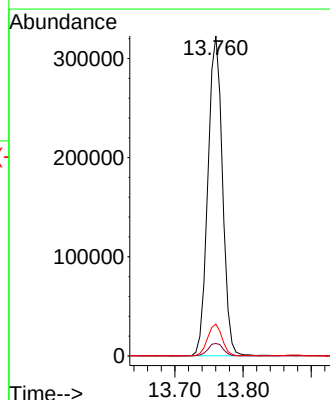
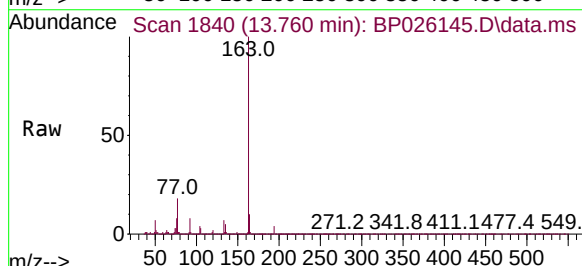
Tgt Ion:163 Resp: 478267

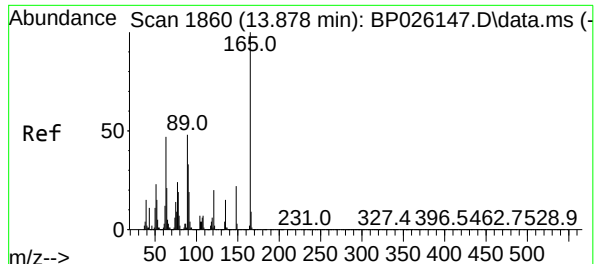
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.9 8.2 12.2

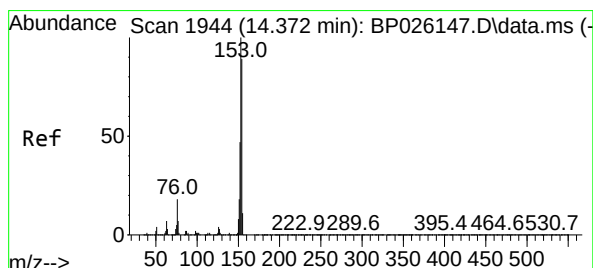
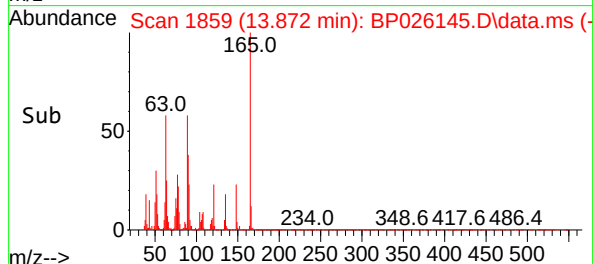
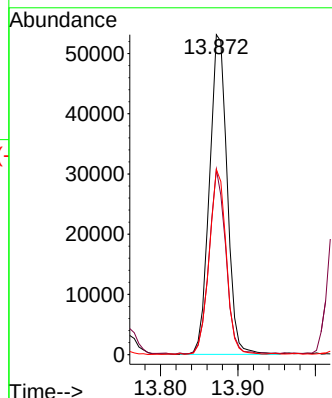
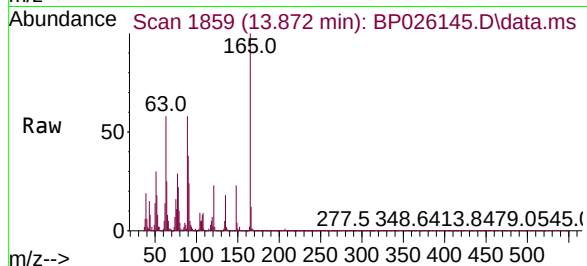




#51
2,6-Dinitrotoluene
Concen: 10.948 ng
RT: 13.872 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

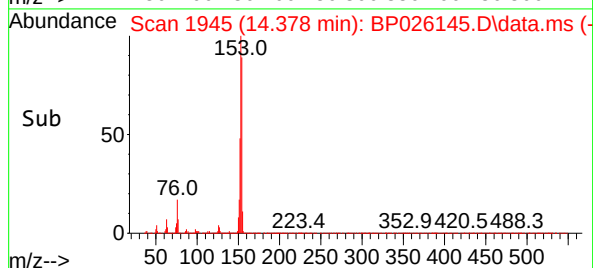
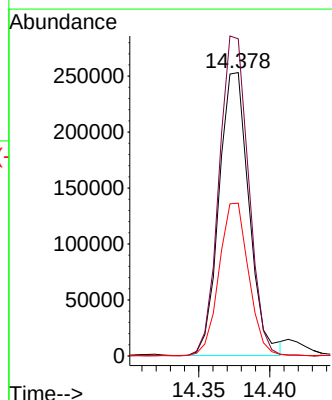
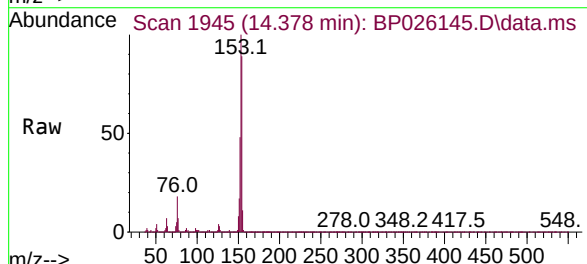
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

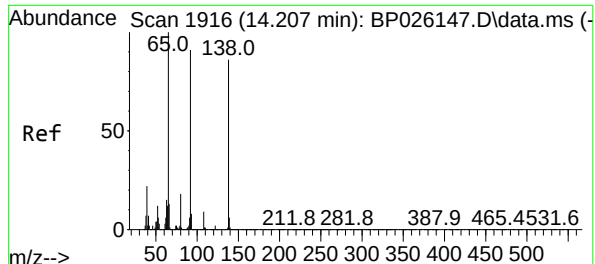
Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.9	40.5	60.7
89	57.9	41.3	61.9



#52
Acenaphthene
Concen: 9.972 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.7	136.1
152	53.9	42.8	64.2





#53

3-Nitroaniline

Concen: 11.189 ng

RT: 14.207 min Scan# 1916

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

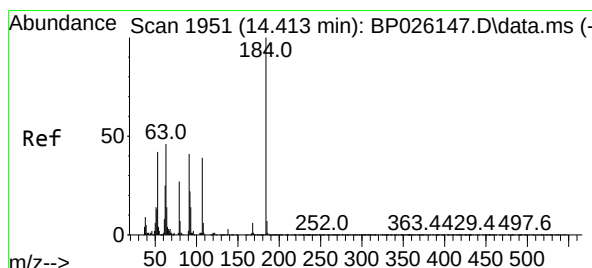
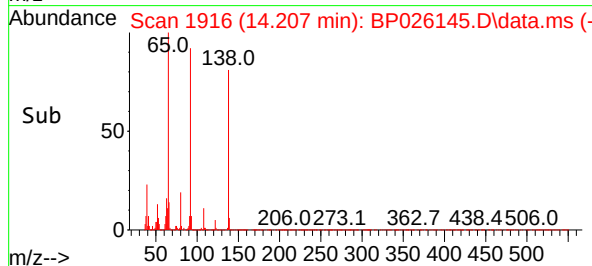
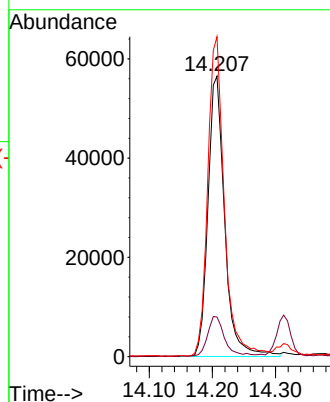
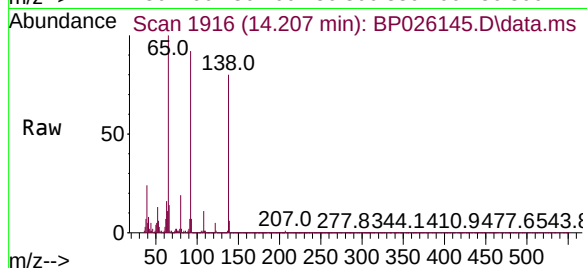
Tgt Ion:138 Resp: 103894

Ion Ratio Lower Upper

138 100

108 14.1 8.9 13.3#

92 114.1 86.3 129.5



#54

2,4-Dinitrophenol

Concen: 11.062 ng

RT: 14.413 min Scan# 1951

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

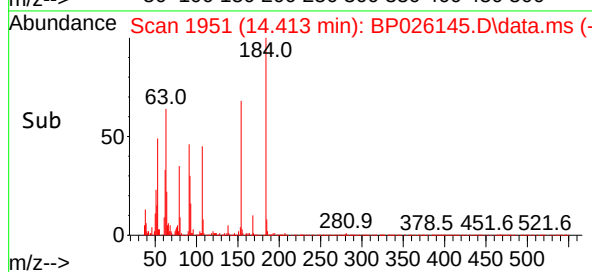
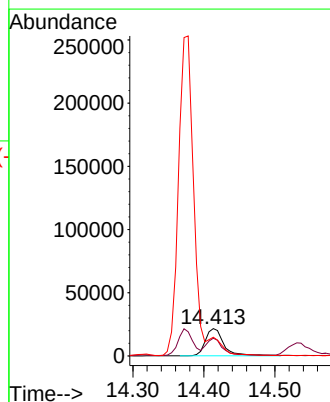
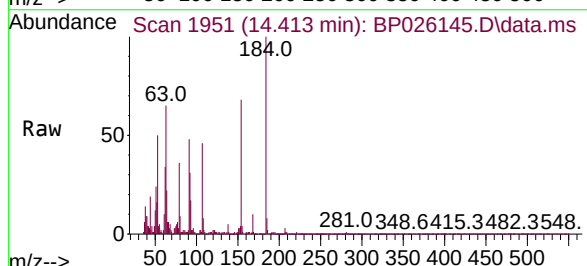
Tgt Ion:184 Resp: 38962

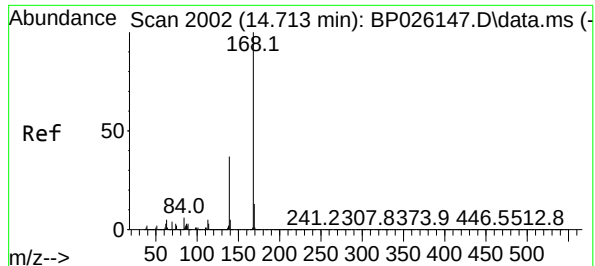
Ion Ratio Lower Upper

184 100

63 64.9 43.1 64.7#

154 68.2 49.5 74.3





#55

Dibenzofuran

Concen: 10.148 ng

RT: 14.719 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

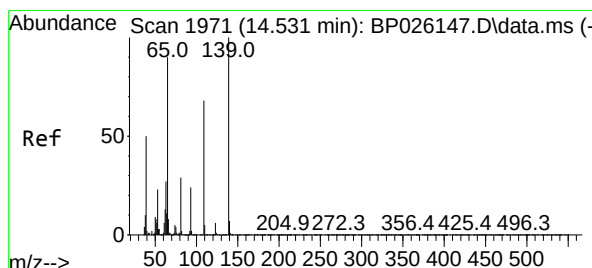
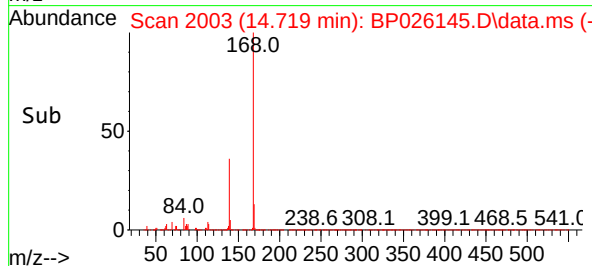
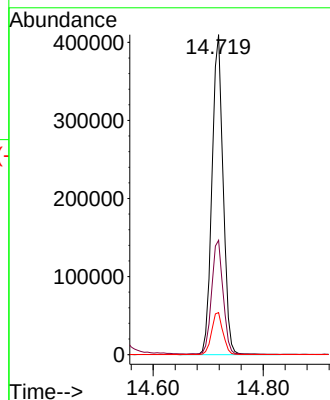
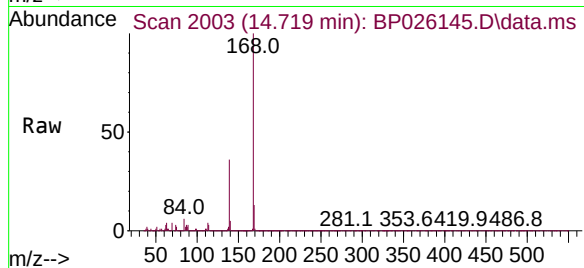
Tgt Ion:168 Resp: 577473

Ion Ratio Lower Upper

168 100

139 35.7 29.8 44.6

169 13.1 10.9 16.3



#56

4-Nitrophenol

Concen: 9.876 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

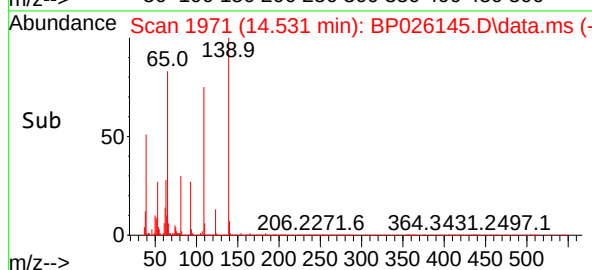
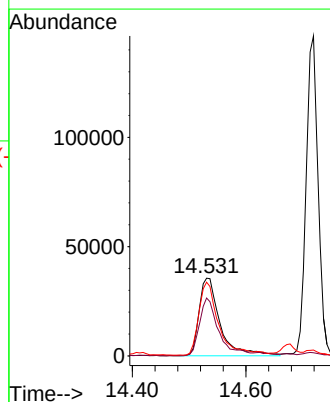
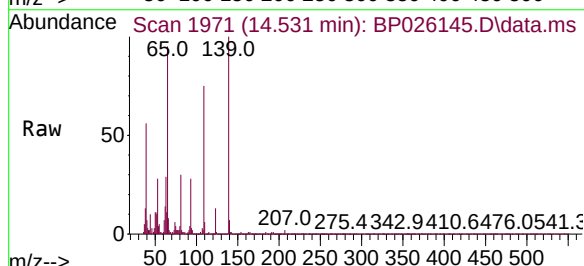
Tgt Ion:139 Resp: 91274

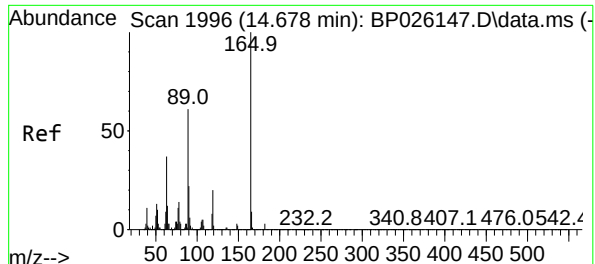
Ion Ratio Lower Upper

139 100

109 74.5 46.8 86.8

65 94.9 69.3 109.3

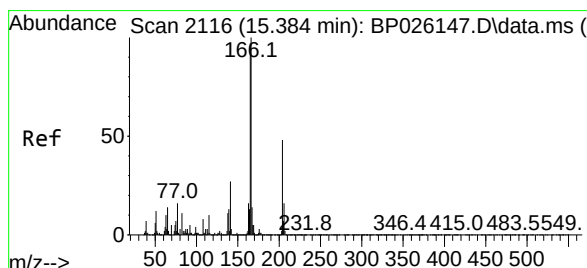
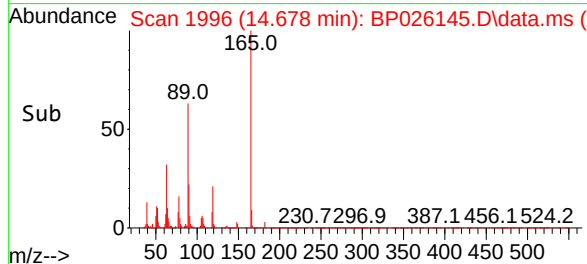
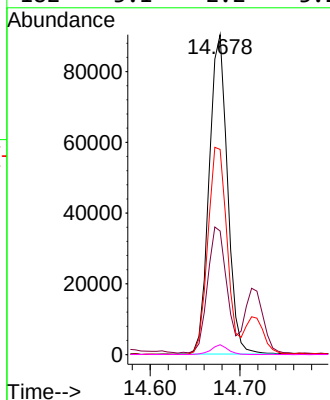
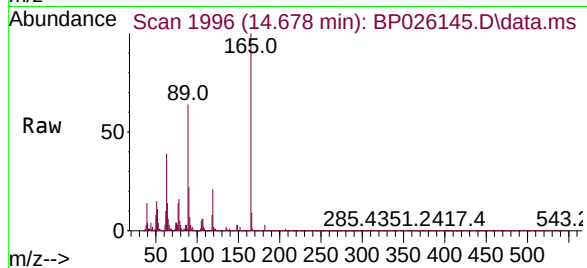




#57
2,4-Dinitrotoluene
Concen: 11.467 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

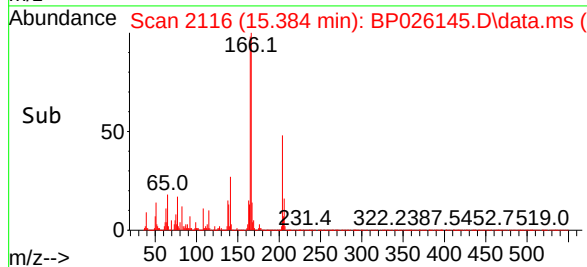
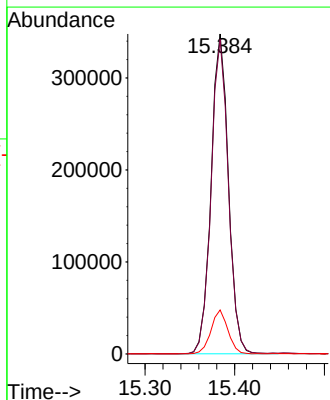
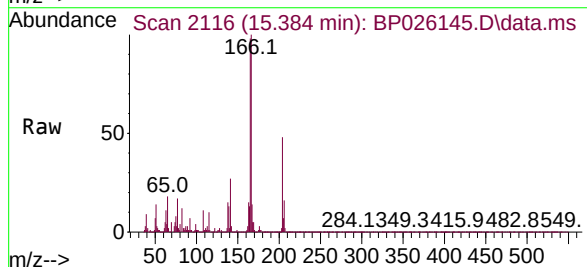
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

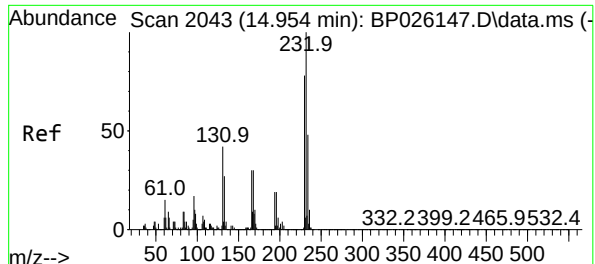
Tgt Ion:	165	Resp:	128442
Ion Ratio	Lower	Upper	
165	100		
63	38.6	31.0	46.6
89	64.1	51.7	77.5
182	3.1	2.2	3.2



#58
Fluorene
Concen: 10.507 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:	166	Resp:	469782
Ion Ratio	Lower	Upper	
166	100		
165	98.3	77.9	116.9
167	13.7	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 11.749 ng

RT: 14.954 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 123375

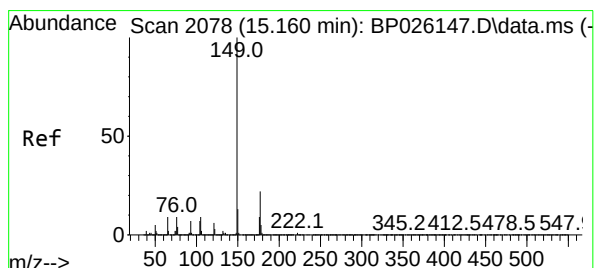
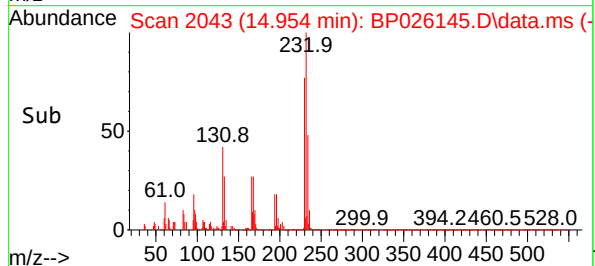
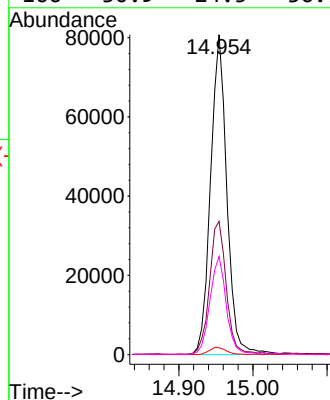
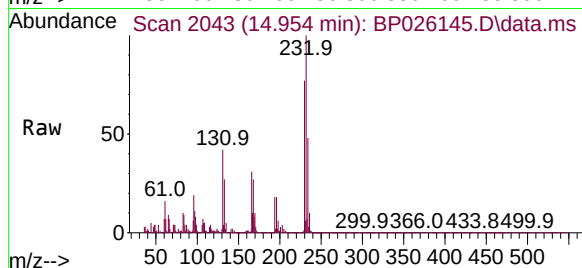
Ion Ratio Lower Upper

232 100

131 43.0 34.8 52.2

130 2.4 1.8 2.8

166 30.9 24.5 36.7



#60

Diethylphthalate

Concen: 10.343 ng

RT: 15.154 min Scan# 2077

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

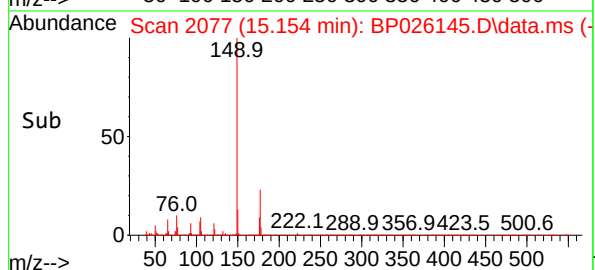
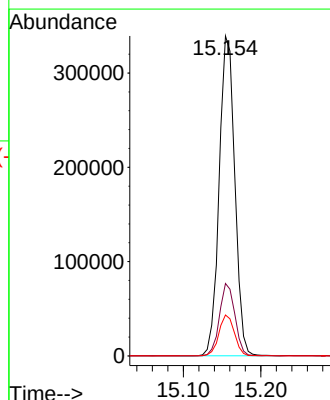
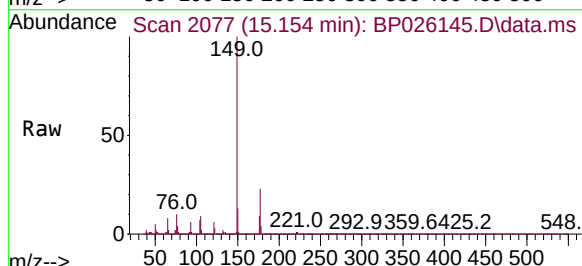
Tgt Ion:149 Resp: 475038

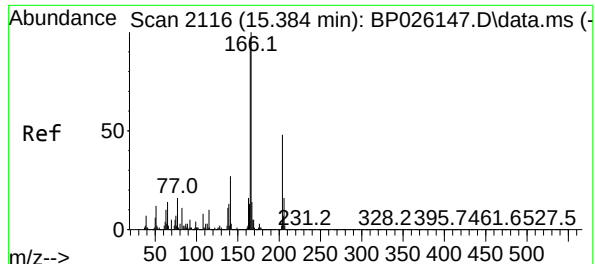
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

150 12.8 9.9 14.9

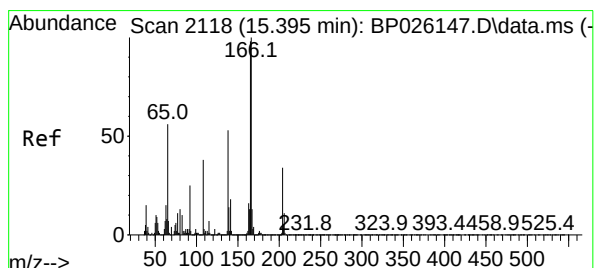
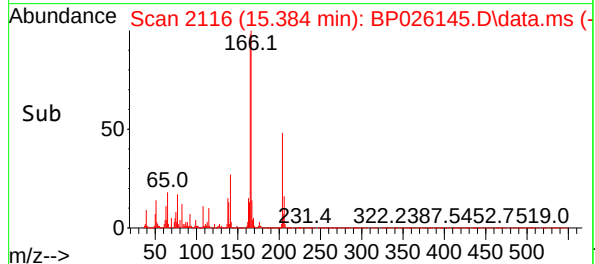
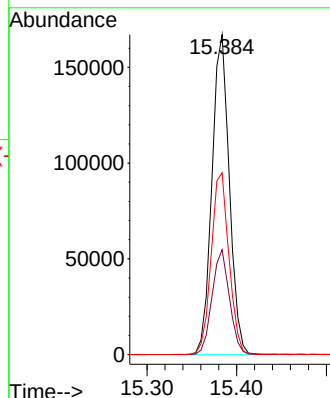
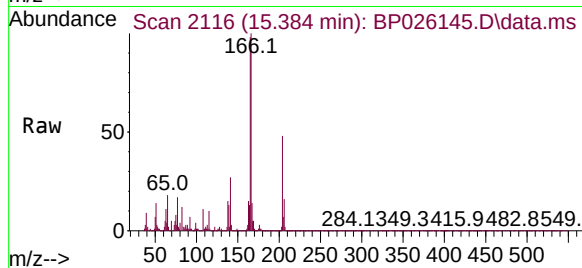




#61
4-Chlorophenyl-phenylether
Concen: 10.144 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

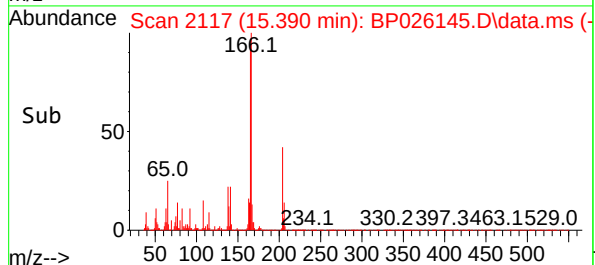
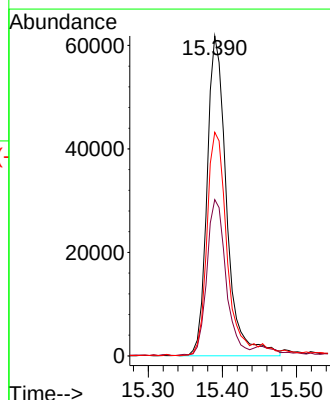
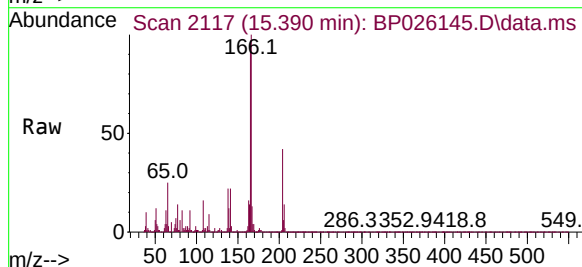
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

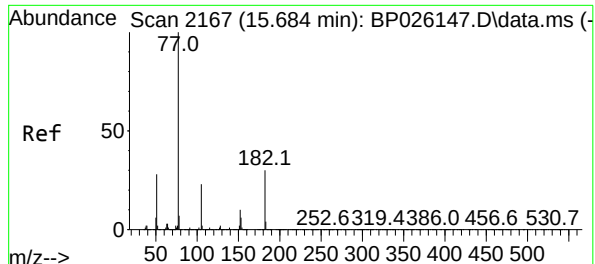
Tgt Ion:204 Resp: 226085
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 56.8 48.1 72.1



#62
4-Nitroaniline
Concen: 11.490 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:138 Resp: 113144
Ion Ratio Lower Upper
138 100
92 48.8 27.5 67.5
108 69.9 51.1 91.1

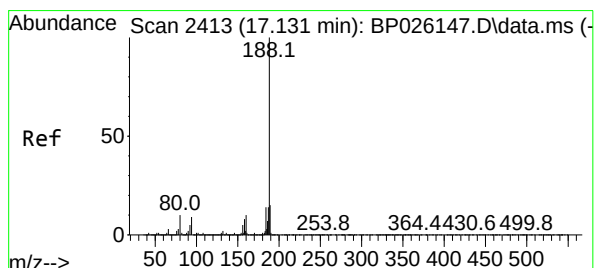
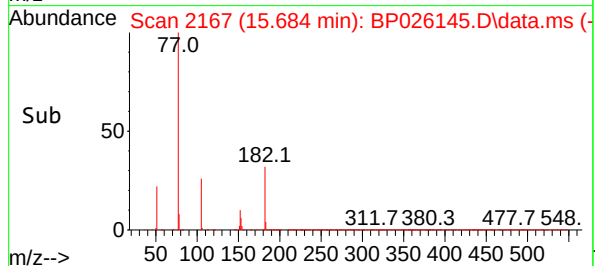
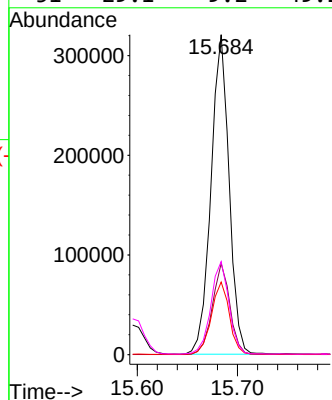
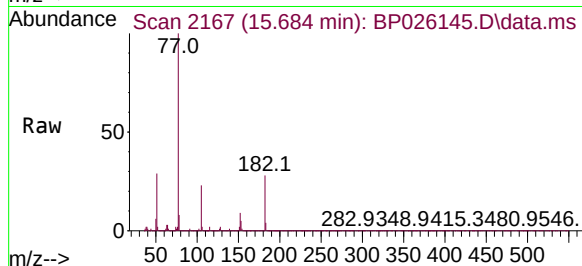




#63
Azobenzene
Concen: 9.741 ng
RT: 15.684 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

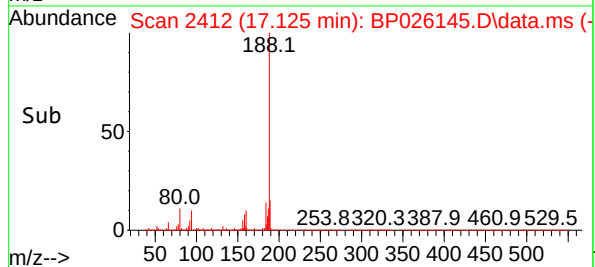
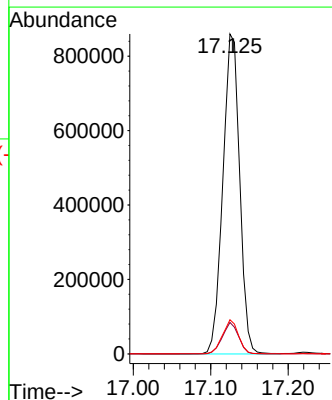
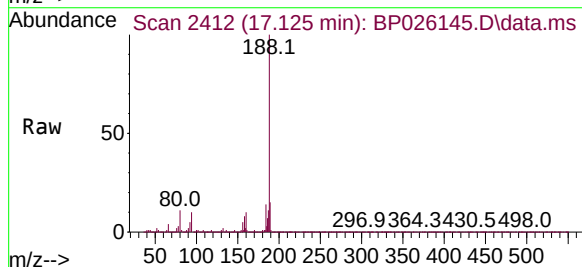
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

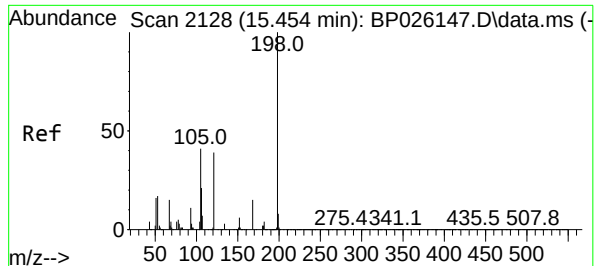
Tgt Ion: 77	Resp: 402256
Ion Ratio	Lower Upper
77 100	
182 28.5	8.8 48.8
105 22.7	2.6 42.6
51 29.1	9.2 49.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion: 188	Resp: 1297120
Ion Ratio	Lower Upper
188 100	
94 9.9	7.8 11.6
80 10.7	8.2 12.2

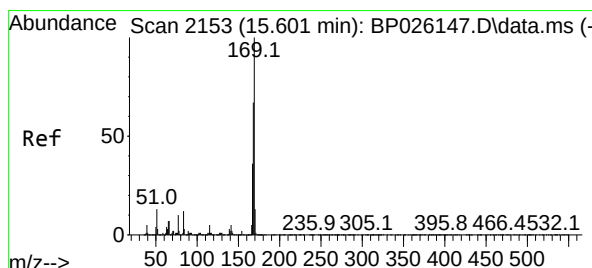
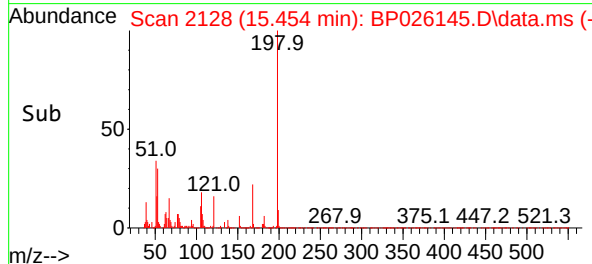
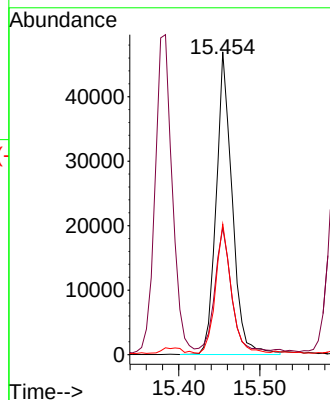
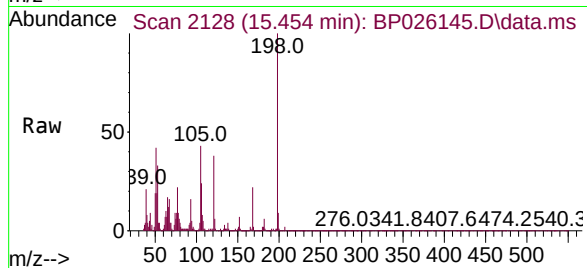




#65
4,6-Dinitro-2-methylphenol
Concen: 11.592 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

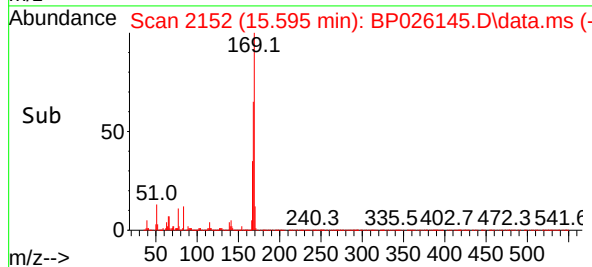
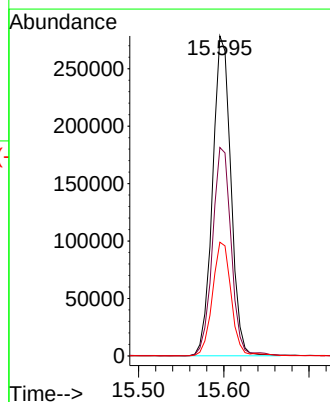
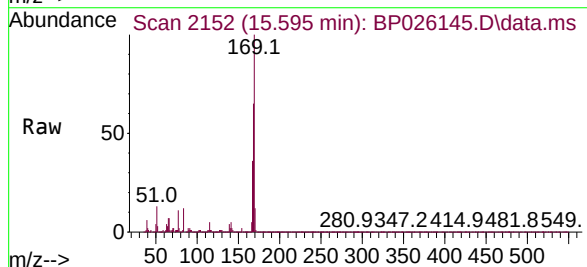
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

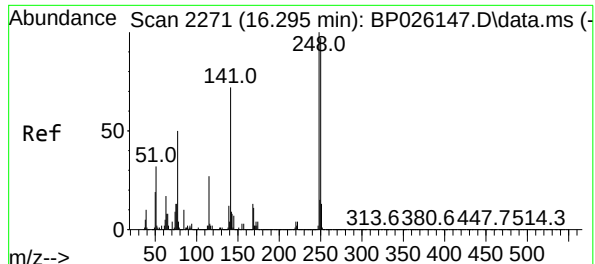
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.0	18.4	58.4
105	43.1	18.5	58.5



#66
n-Nitrosodiphenylamine
Concen: 10.270 ng
RT: 15.595 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.1	53.1	79.7
167	35.5	28.9	43.3

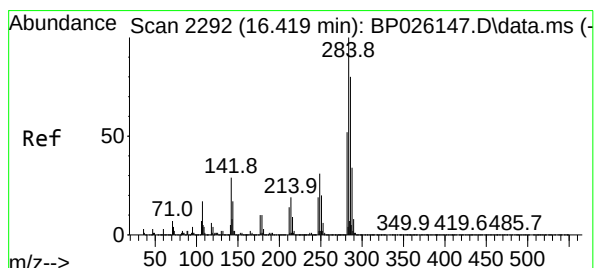
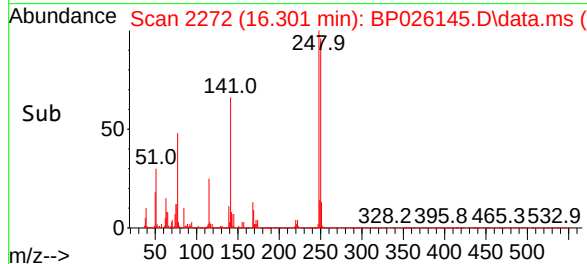
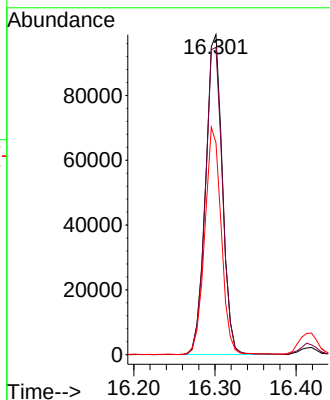
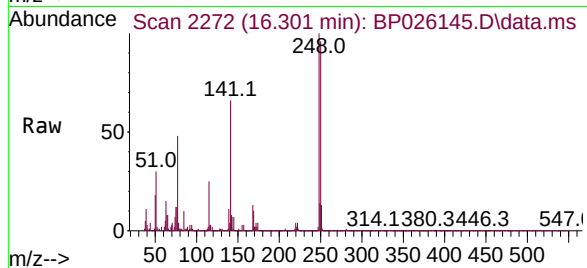




#67
4-Bromophenyl-phenylether
Concen: 9.873 ng
RT: 16.301 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

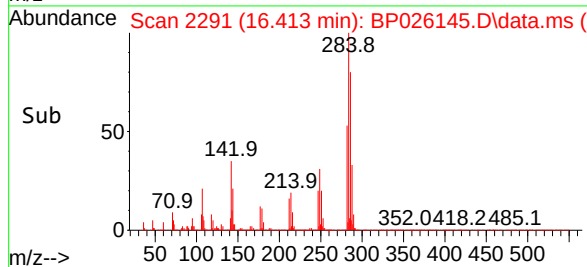
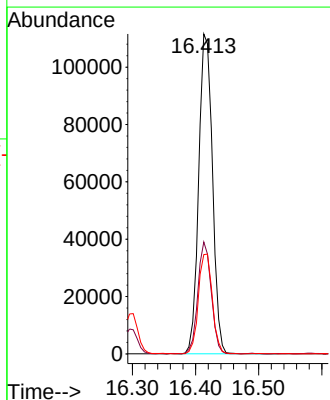
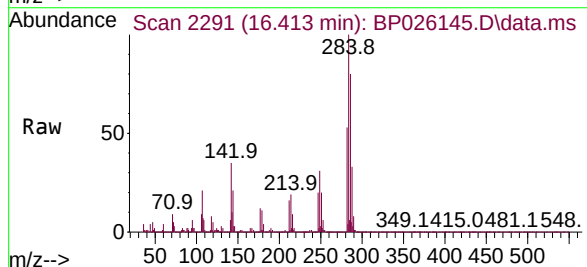
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

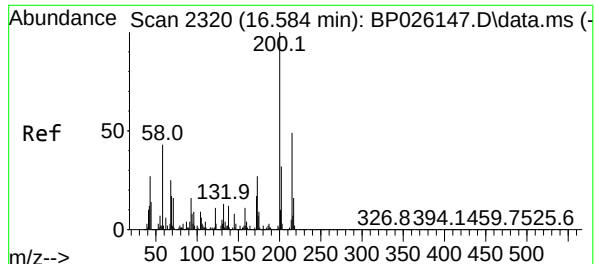
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.8	116.6
141	66.2	55.4	83.0



#68
Hexachlorobenzene
Concen: 10.292 ng
RT: 16.413 min Scan# 2291
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.0	42.0
249	31.0	25.0	37.4





#69

Atrazine

Concen: 10.842 ng

RT: 16.584 min Scan# 2320

Delta R.T. -0.006 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

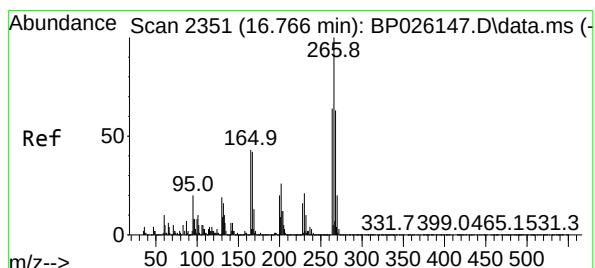
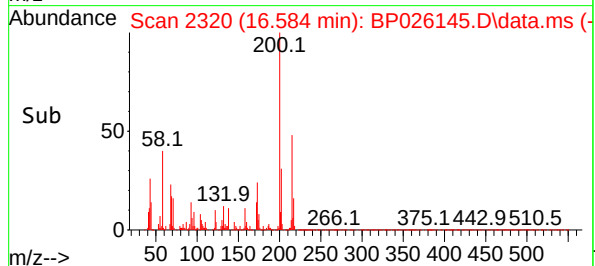
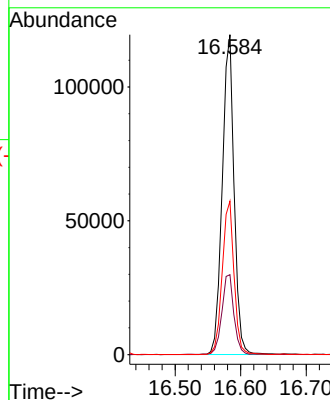
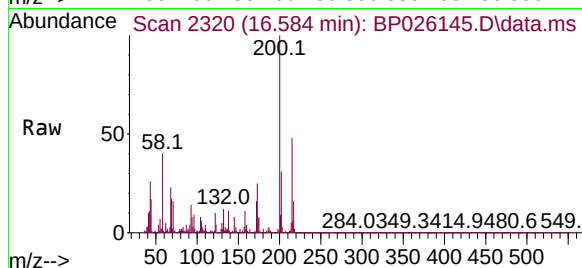
Tgt Ion:200 Resp: 150203

Ion Ratio Lower Upper

200 100

173 25.0 6.7 46.7

215 47.9 27.4 67.4



#70

Pentachlorophenol

Concen: 10.777 ng

RT: 16.766 min Scan# 2351

Delta R.T. -0.012 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

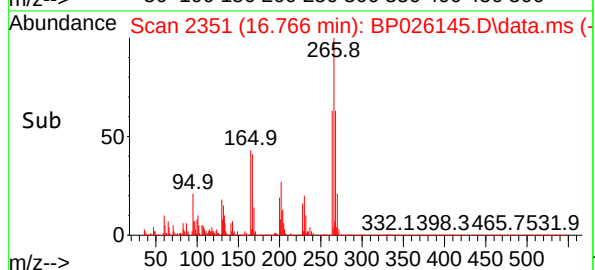
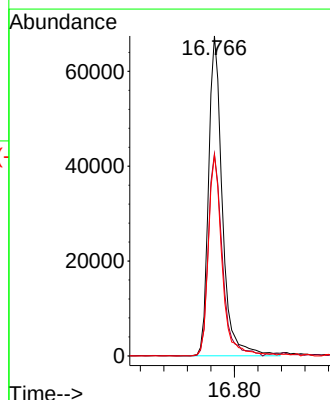
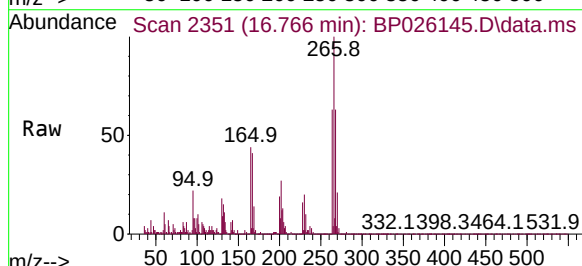
Tgt Ion:266 Resp: 109980

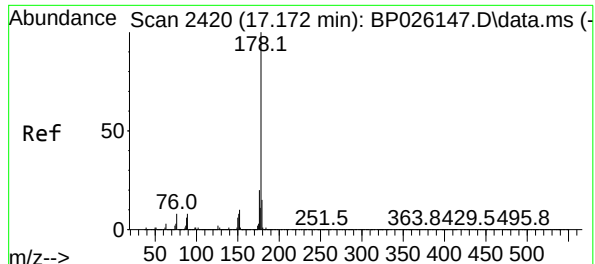
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.4

264 62.8 50.2 75.2

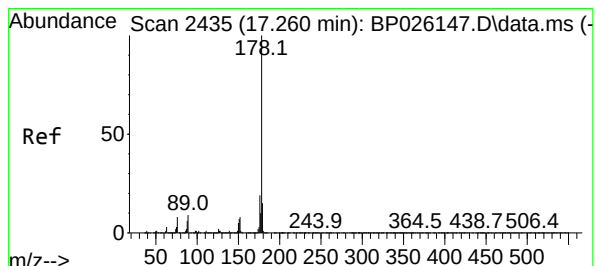
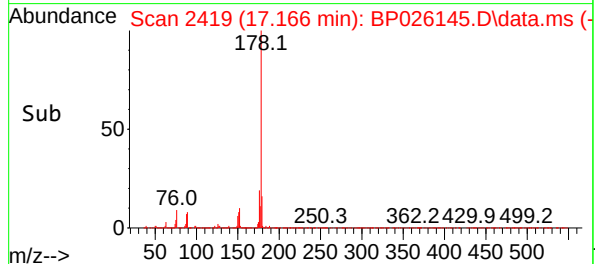
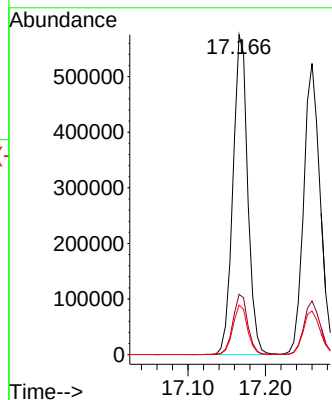
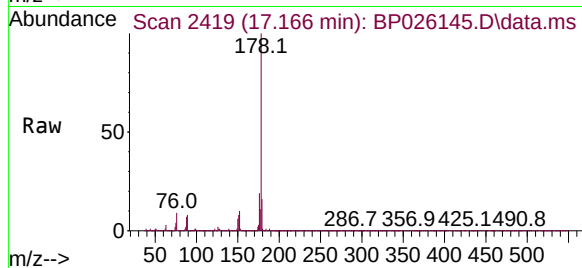




#71
Phenanthrene
Concen: 10.200 ng
RT: 17.166 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

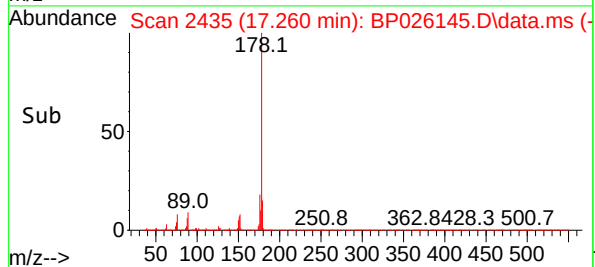
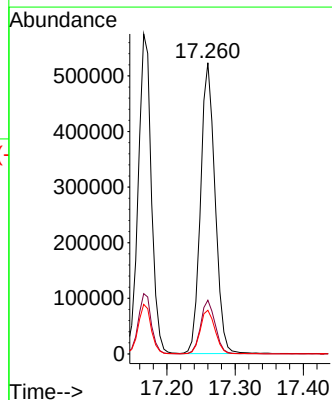
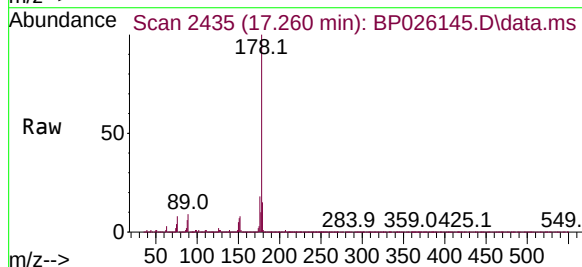
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

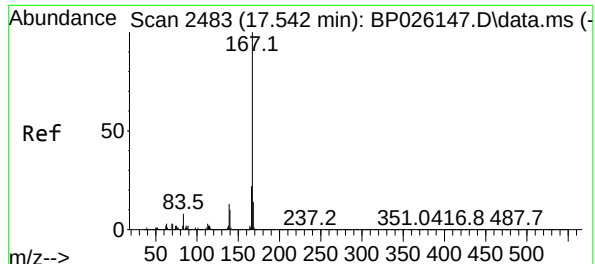
Tgt Ion:178 Resp: 764343
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.5 12.4 18.6



#72
Anthracene
Concen: 10.360 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:178 Resp: 774553
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.0 12.2 18.4

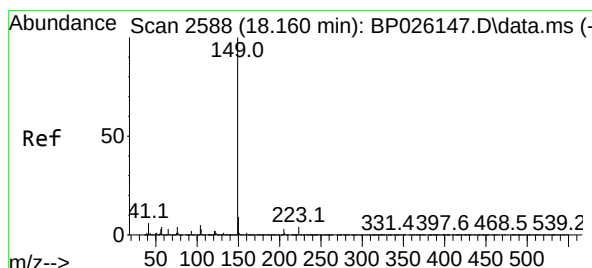
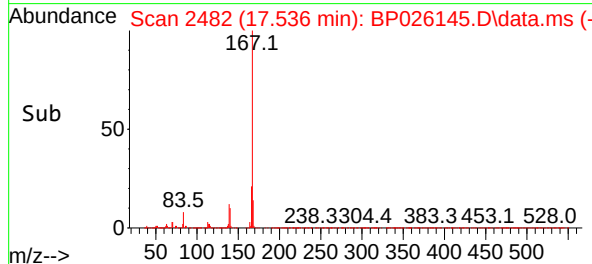
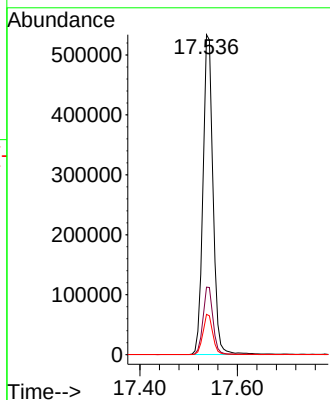
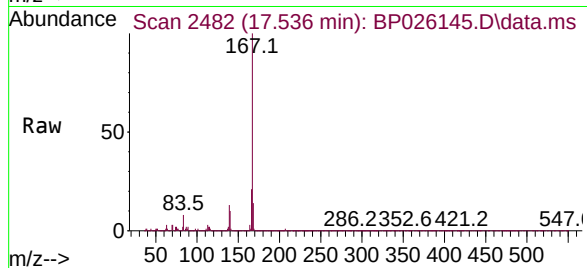




#73
Carbazole
Concen: 10.854 ng
RT: 17.536 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

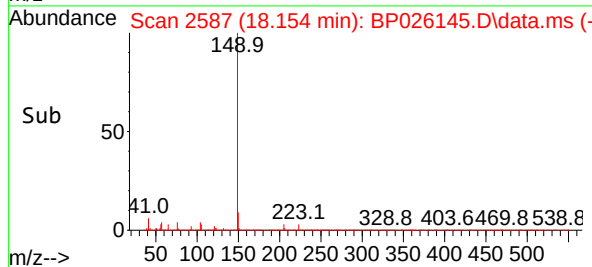
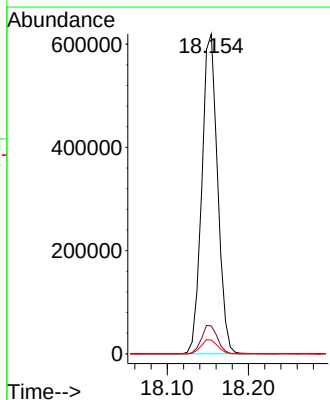
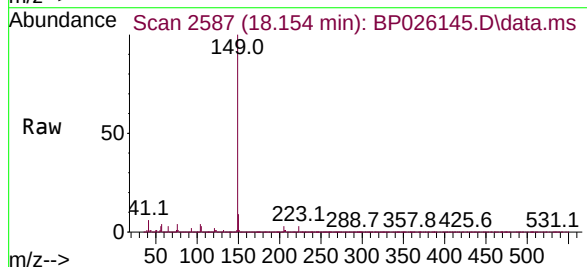
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

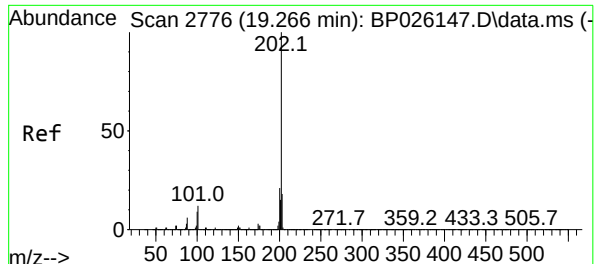
Tgt Ion:167 Resp: 763690
Ion Ratio Lower Upper
167 100
166 21.1 17.1 25.7
139 12.6 10.2 15.4



#74
Di-n-butylphthalate
Concen: 10.517 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 836819
Ion Ratio Lower Upper
149 100
150 8.7 7.5 11.3
104 4.3 3.6 5.4

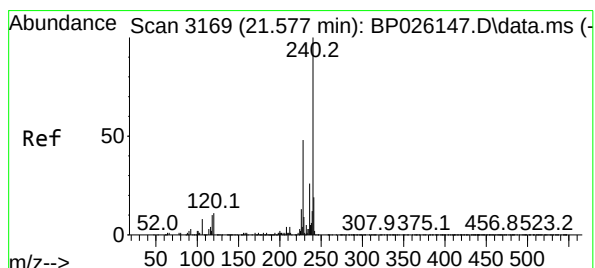
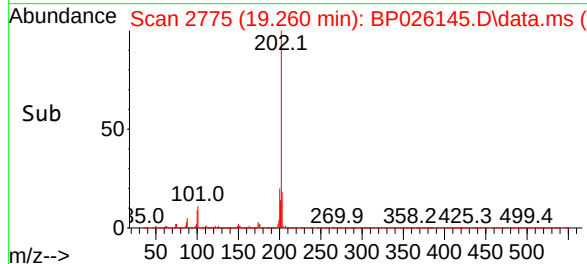
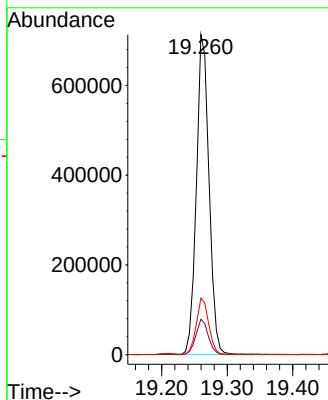
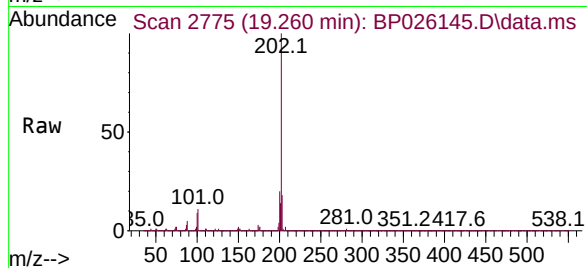




#75
Fluoranthene
Concen: 10.812 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

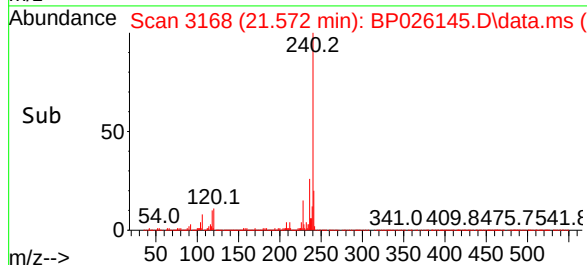
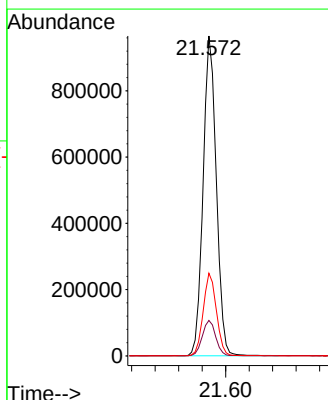
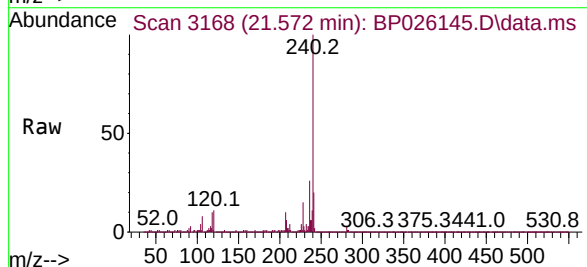
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

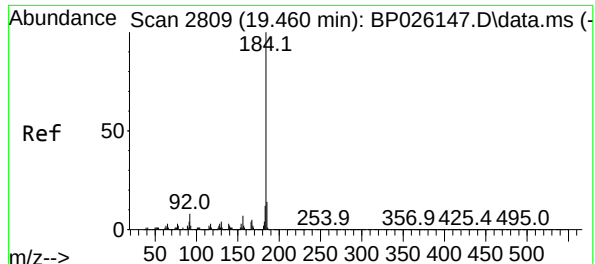
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.2
203	17.6	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.572 min Scan# 3168
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	25.8	20.4	30.6

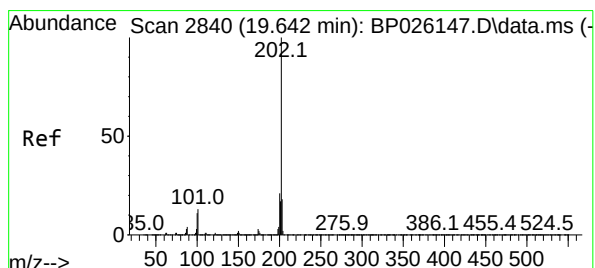
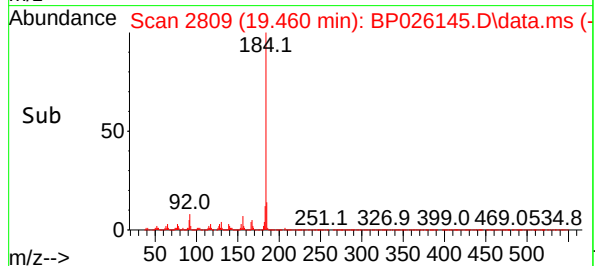
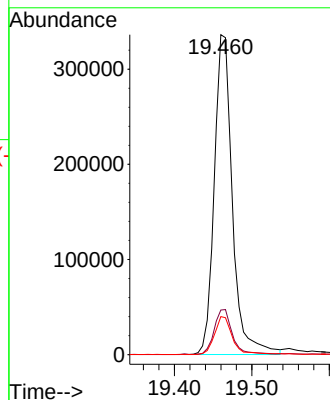
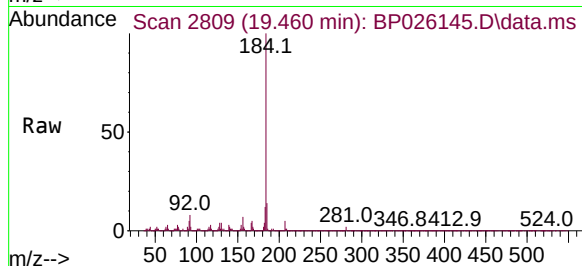




#77
Benzidine
Concen: 13.836 ng
RT: 19.460 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

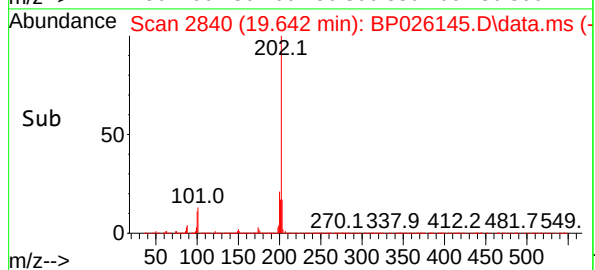
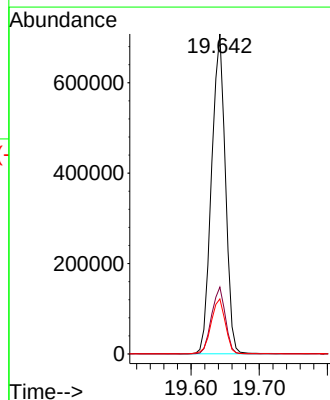
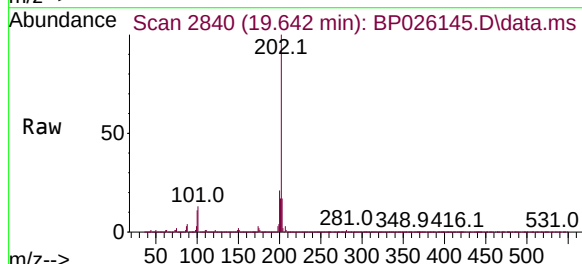
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

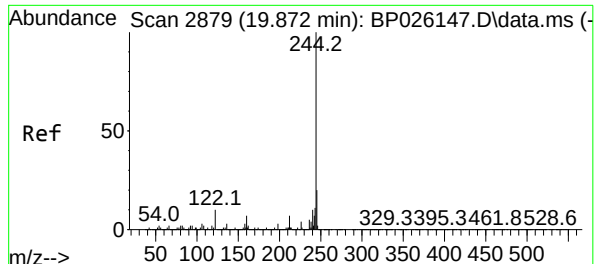
Tgt Ion:184 Resp: 547975
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 11.9 9.0 13.6



#78
Pyrene
Concen: 9.871 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:202 Resp: 994219
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.2 13.8 20.8

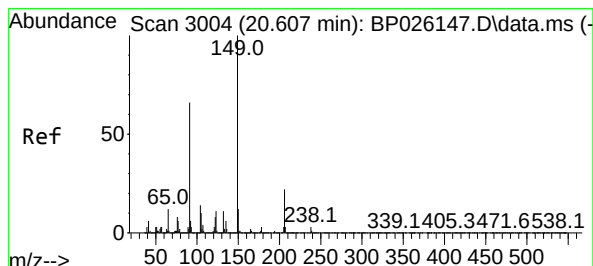
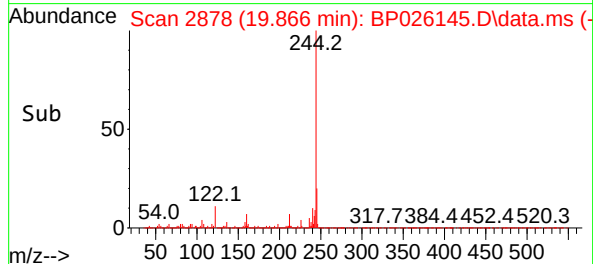
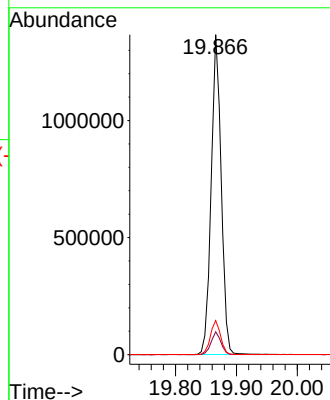
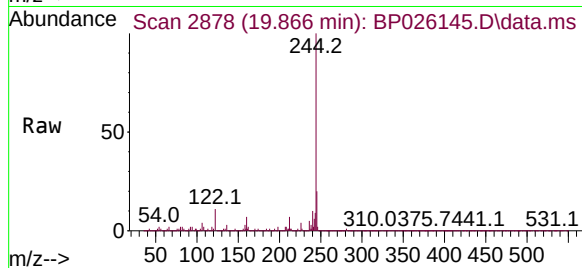




#79
Terphenyl-d14
Concen: 21.144 ng
RT: 19.866 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

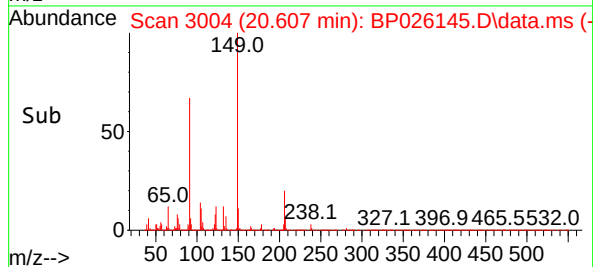
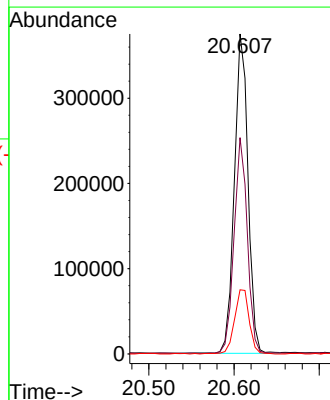
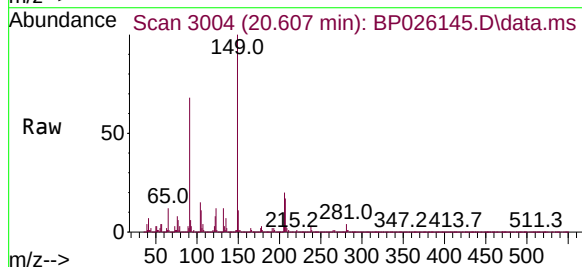
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

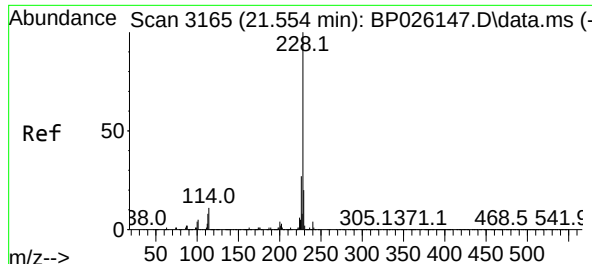
Tgt Ion:244 Resp: 1563806
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.6 8.2 12.2



#80
Butylbenzylphthalate
Concen: 12.328 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 416294
Ion Ratio Lower Upper
149 100
91 67.6 52.6 79.0
206 20.0 16.9 25.3

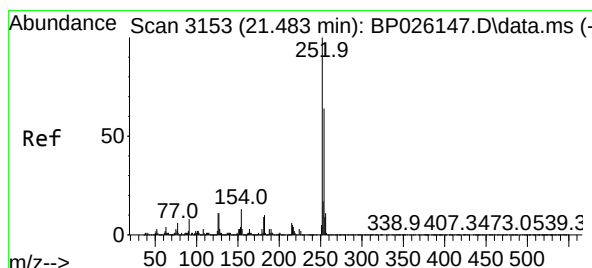
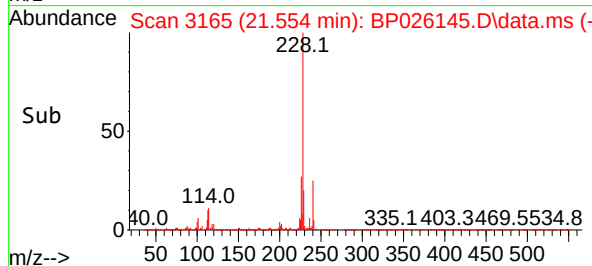
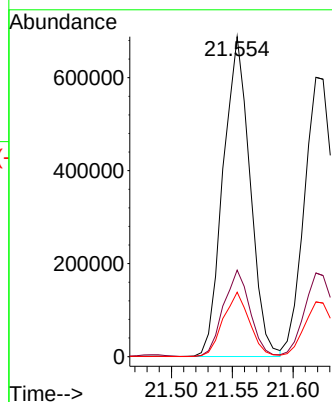
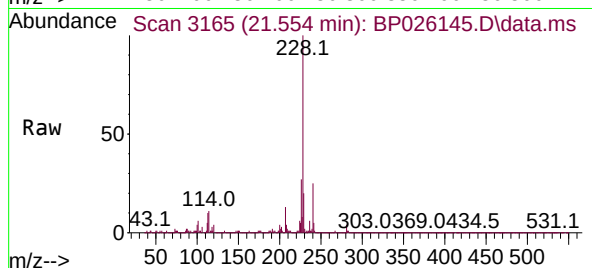




#81
Benzo(a)anthracene
Concen: 10.258 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

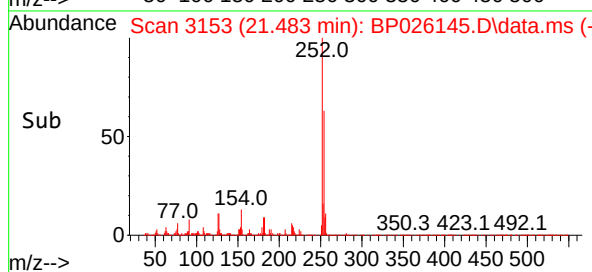
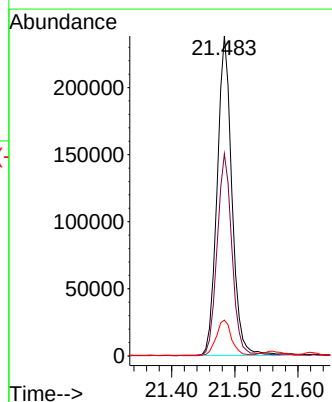
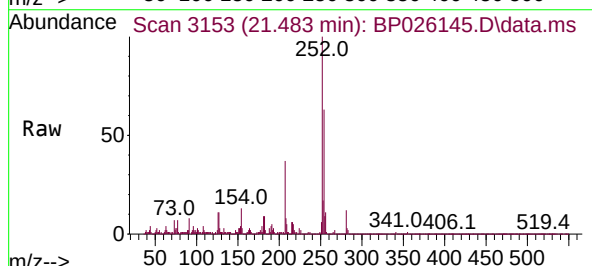
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

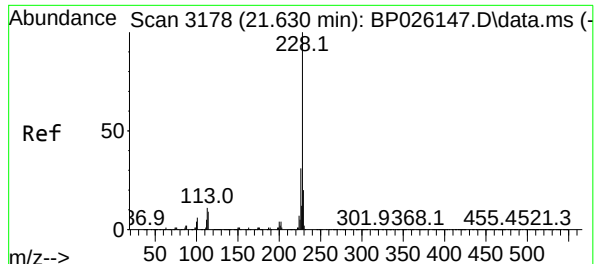
Tgt Ion:228 Resp: 1056422
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.8
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 11.403 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 386780
Ion Ratio Lower Upper
252 100
254 63.1 51.2 76.8
126 11.2 8.2 12.4

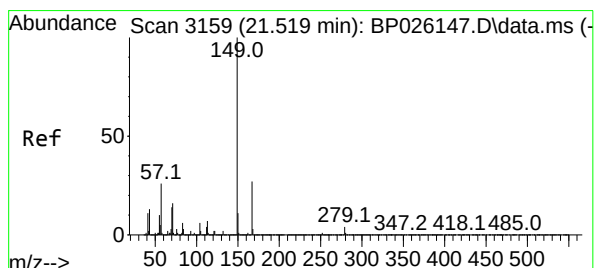
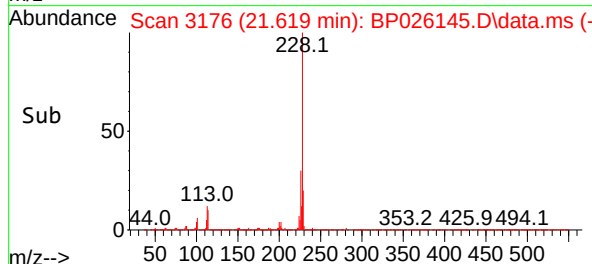
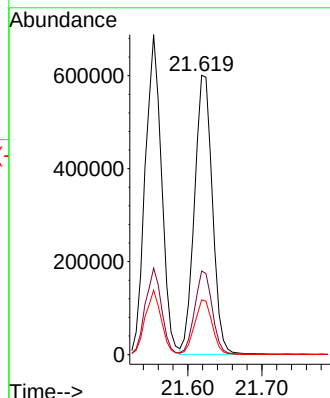
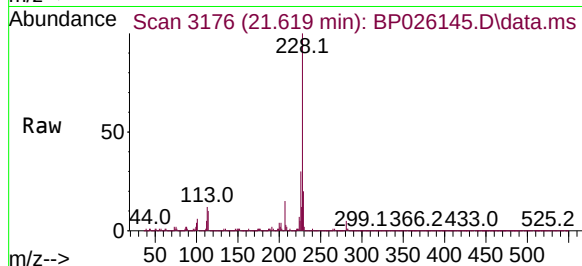




#83
Chrysene
Concen: 10.321 ng
RT: 21.619 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

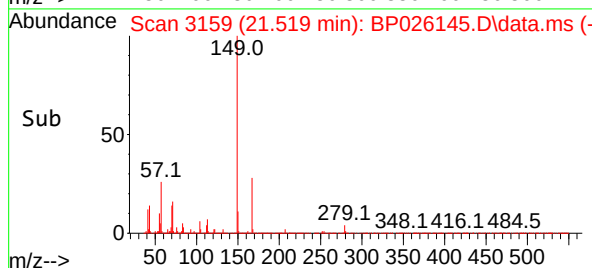
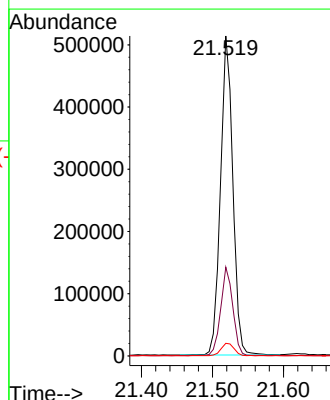
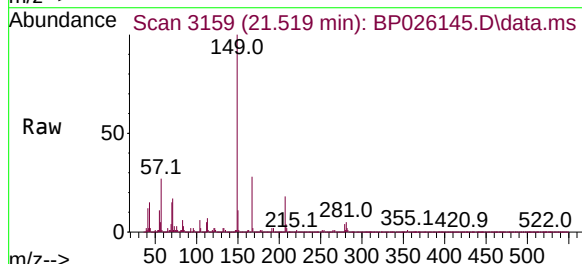
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

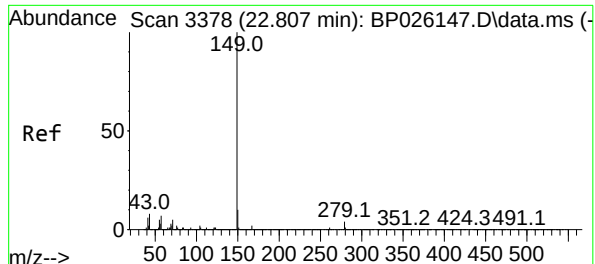
Tgt Ion:228 Resp: 1007569
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.6 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 11.273 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:149 Resp: 622482
Ion Ratio Lower Upper
149 100
167 27.7 22.1 33.1
279 4.0 3.3 4.9

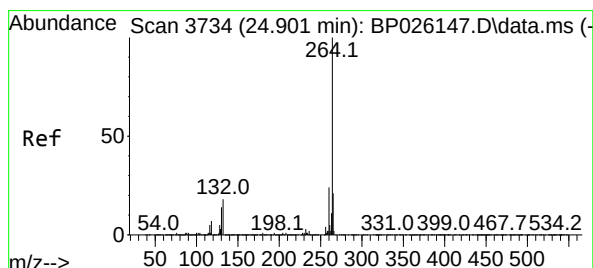
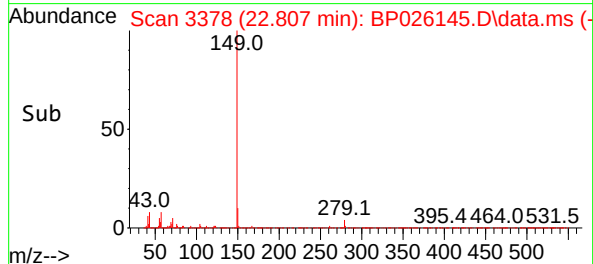
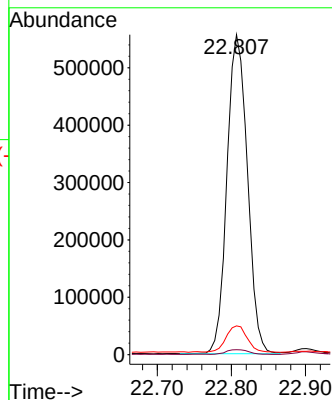
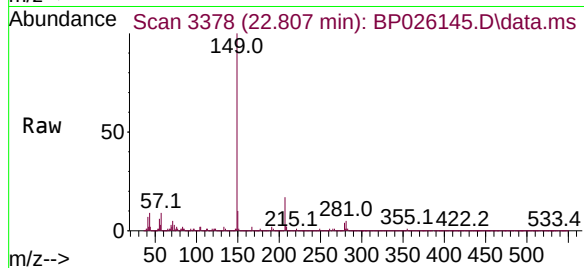




#85
Di-n-octyl phthalate
Concen: 11.335 ng
RT: 22.807 min Scan# 3378
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

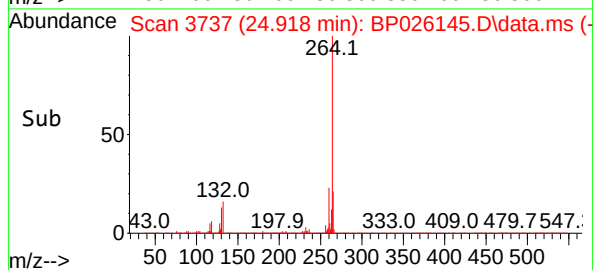
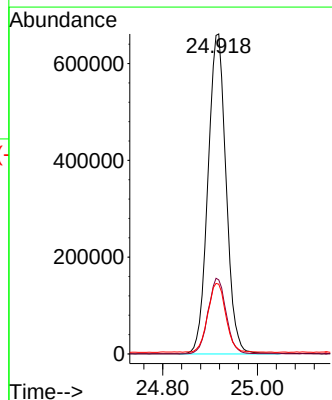
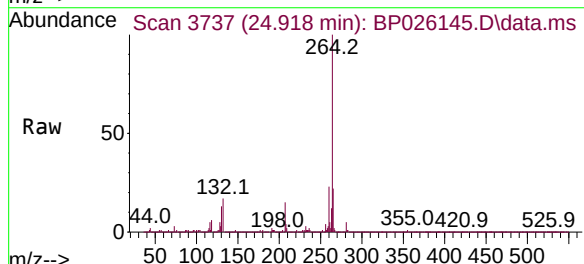
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

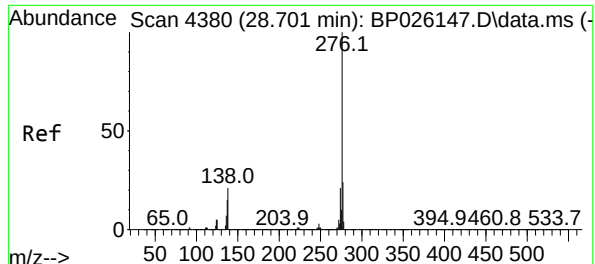
Tgt Ion:149 Resp: 1066561
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. 0.012 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:264 Resp: 1757840
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.8 17.5 26.3

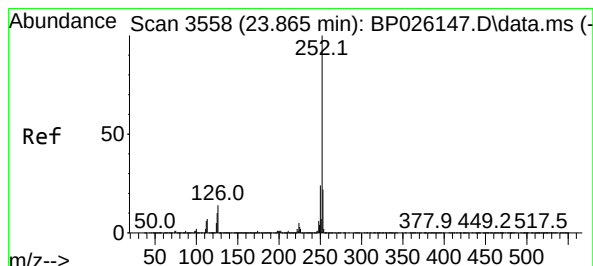
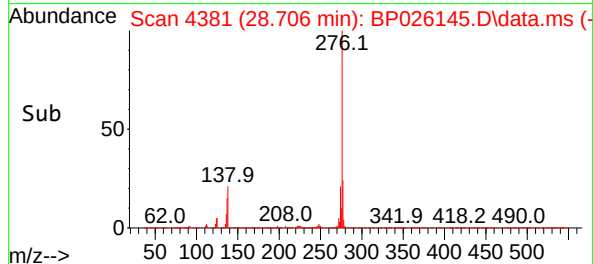
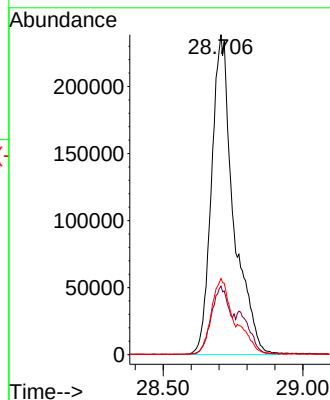
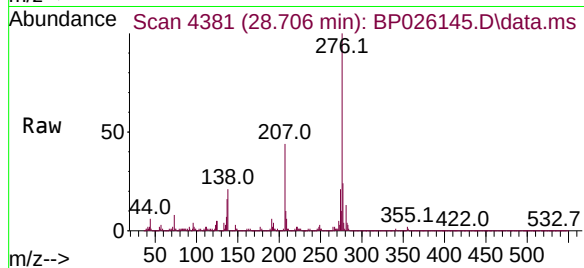




#87
Indeno(1,2,3-cd)pyrene
Concen: 10.110 ng
RT: 28.706 min Scan# 4380
Delta R.T. 0.000 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

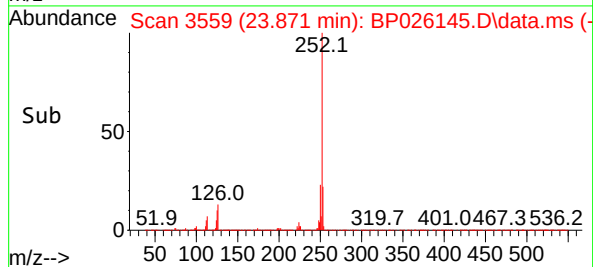
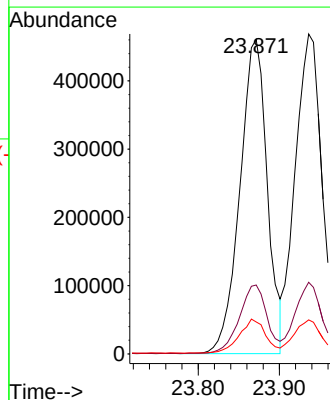
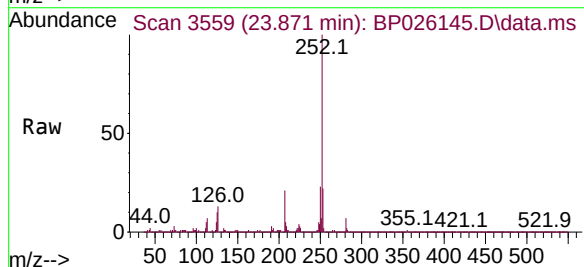
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

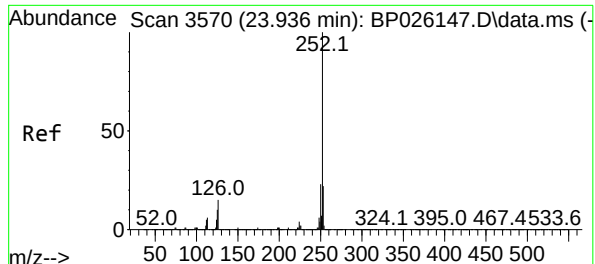
Tgt Ion:276 Resp: 1303884
Ion Ratio Lower Upper
276 100
138 17.0 13.8 20.8
277 19.9 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 9.993 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026145.D
Acq: 18 Nov 2025 15:54

Tgt Ion:252 Resp: 1077584
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 9.789 ng

RT: 23.936 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

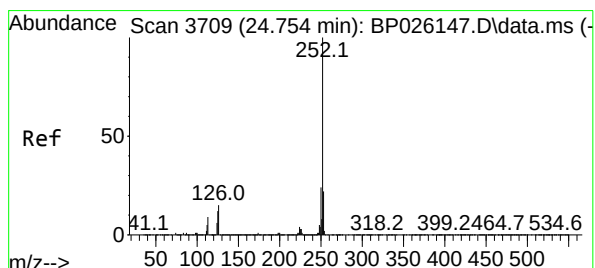
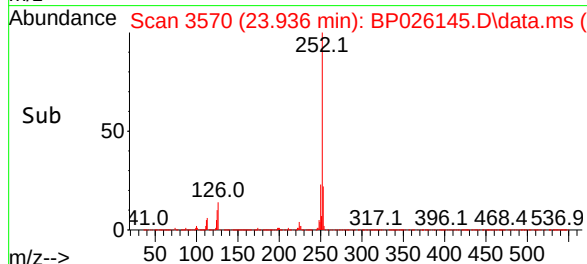
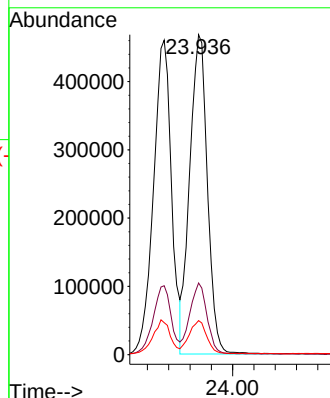
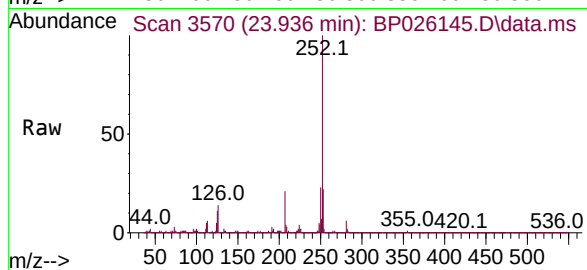
Tgt Ion:252 Resp: 1079191

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 10.6 7.5 11.3



#90

Benzo(a)pyrene

Concen: 10.165 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

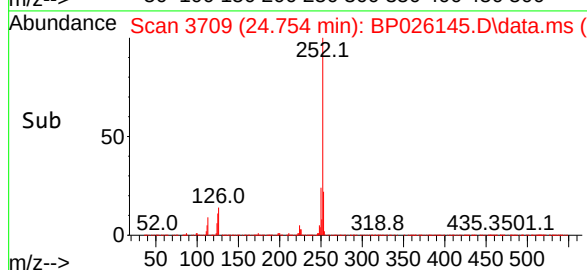
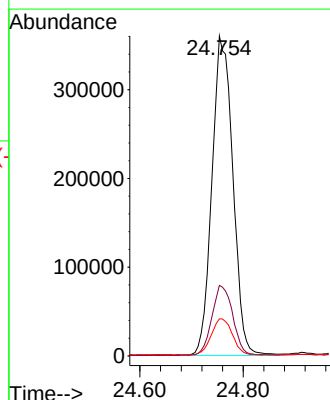
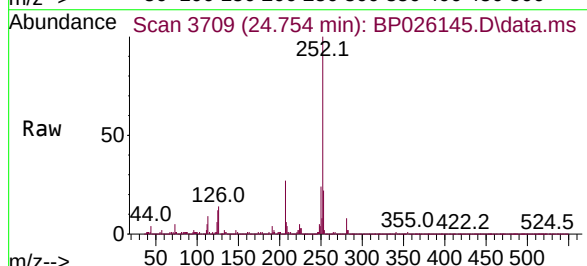
Tgt Ion:252 Resp: 1013571

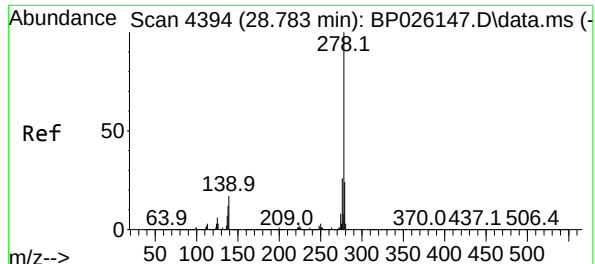
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 10.197 ng

RT: 28.777 min Scan# 4394

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

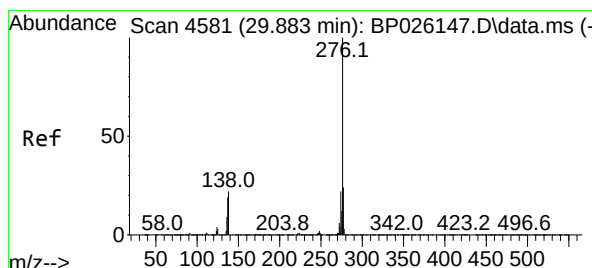
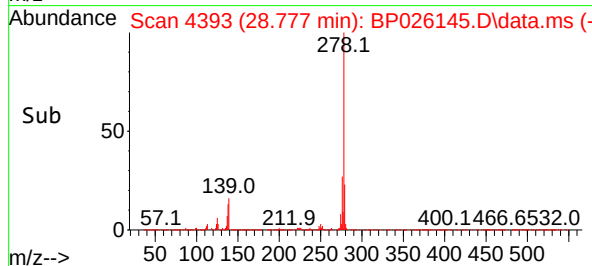
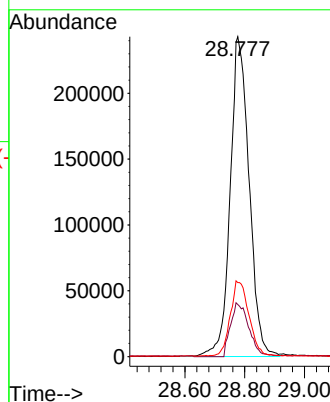
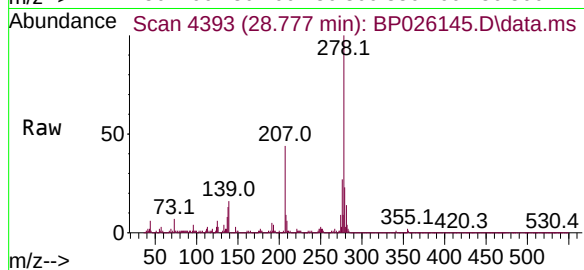
Tgt Ion:278 Resp: 1072192

Ion Ratio Lower Upper

278 100

139 16.3 13.2 19.8

279 23.1 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 10.641 ng

RT: 29.865 min Scan# 4578

Delta R.T. -0.017 min

Lab File: BP026145.D

Acq: 18 Nov 2025 15:54

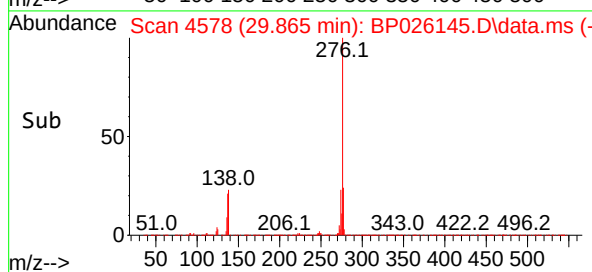
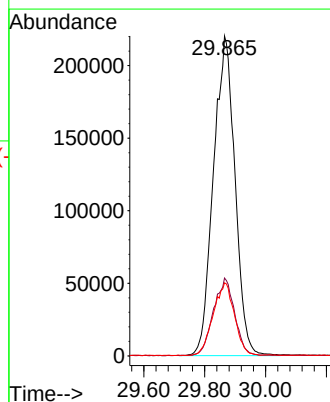
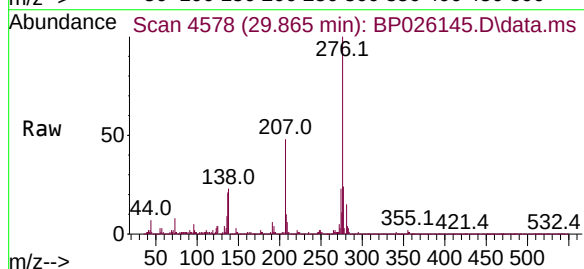
Tgt Ion:276 Resp: 1080830

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 22.8 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026146.D
 Acq On : 18 Nov 2025 16:35
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 00:37:08 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	298291	20.000	ng	0.00
21) Naphthalene-d8	10.449	136	1240005	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	810030	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1709036	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1880769	20.000	ng	0.02
86) Perylene-d12	24.924	264	2127701	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	762064	42.149	ng	0.00
7) Phenol-d6	6.849	99	967986	42.206	ng	0.00
23) Nitrobenzene-d5	8.813	82	898109	44.814	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	442990	49.922	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	2354273	41.935	ng	0.00
79) Terphenyl-d14	19.878	244	3990615	43.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	156200	20.591	ng	99
3) Pyridine	3.620	79	450325	20.880	ng	99
4) n-Nitrosodimethylamine	3.525	42	167064	19.544	ng	95
6) Aniline	7.002	93	642407	21.012	ng	99
8) 2-Chlorophenol	7.243	128	428984	21.417	ng	98
9) Benzaldehyde	6.819	77	268085	23.205	ng	97
10) Phenol	6.872	94	524201	20.669	ng	98
11) bis(2-Chloroethyl)ether	7.102	93	408052	20.320	ng	99
12) 1,3-Dichlorobenzene	7.561	146	468385	20.475	ng	100
13) 1,4-Dichlorobenzene	7.708	146	473917	20.465	ng	99
14) 1,2-Dichlorobenzene	8.019	146	453824	20.519	ng	100
15) Benzyl Alcohol	7.902	79	352314	21.241	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	585097	19.455	ng	99
17) 2-Methylphenol	8.108	107	355321	21.308	ng	99
18) Hexachloroethane	8.749	117	169683	21.211	ng	99
19) n-Nitroso-di-n-propyla...	8.472	70	317044	22.304	ng	99
20) 3+4-Methylphenols	8.437	107	494113	21.323	ng	99
22) Acetophenone	8.484	105	656986	21.014	ng	100
24) Nitrobenzene	8.849	77	456901	21.768	ng	99
25) Isophorone	9.384	82	912115	21.502	ng	99
26) 2-Nitrophenol	9.560	139	225396	31.463	ng	99
27) 2,4-Dimethylphenol	9.619	122	418475	23.115	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	563383	21.042	ng	100
29) 2,4-Dichlorophenol	10.096	162	415150	21.974	ng	99
30) 1,2,4-Trichlorobenzene	10.302	180	417562	20.380	ng	96
31) Naphthalene	10.496	128	1383127	20.547	ng	100
32) Benzoic acid	9.737	122	332008	30.418	ng	98
33) 4-Chloroaniline	10.590	127	594215	22.720	ng	99
34) Hexachlorobutadiene	10.796	225	271388	20.697	ng	99
35) Caprolactam	11.366	113	152491	23.091	ng	98
36) 4-Chloro-3-methylphenol	11.731	107	453497	22.951	ng	99
37) 2-Methylnaphthalene	12.113	142	997491	21.193	ng	99
38) 1-Methylnaphthalene	12.331	142	973734	21.279	ng	99
40) 1,2,4,5-Tetrachloroben...	12.490	216	496403	19.803	ng	100
41) Hexachlorocyclopentadiene	12.472	237	309362	29.677	ng	98
43) 2,4,6-Trichlorophenol	12.725	196	349396	23.301	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026146.D
 Acq On : 18 Nov 2025 16:35
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 00:40:15 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 00:37:08 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	390063	22.897	ng	99
46) 1,1'-Biphenyl	13.137	154	1280167	20.733	ng	99
47) 2-Chloronaphthalene	13.178	162	985563	20.303	ng	99
48) 2-Nitroaniline	13.372	65	279508	25.032	ng	96
49) Acenaphthylene	14.031	152	1661599	23.158	ng	100
50) Dimethylphthalate	13.772	163	1274006	21.720	ng	99
51) 2,6-Dinitrotoluene	13.884	165	251271	25.482	ng	98
52) Acenaphthene	14.384	154	955446	19.901	ng	100
53) 3-Nitroaniline	14.213	138	297736	24.958	ng	99
54) 2,4-Dinitrophenol	14.431	184	141102	31.181	ng	96
55) Dibenzofuran	14.719	168	1523244	20.834	ng	99
56) 4-Nitrophenol	14.537	139	268085	22.578	ng	99
57) 2,4-Dinitrotoluene	14.678	165	380156	26.418	ng	97
58) Fluorene	15.384	166	1215204	21.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	331539	24.574	ng	99
60) Diethylphthalate	15.166	149	1289507	21.853	ng	100
61) 4-Chlorophenyl-phenyle...	15.384	204	600360	20.967	ng	97
62) 4-Nitroaniline	15.390	138	319109	25.224	ng	100
63) Azobenzene	15.684	77	1089967	20.545	ng	98
65) 4,6-Dinitro-2-methylph...	15.460	198	209402	28.706	ng	94
66) n-Nitrosodiphenylamine	15.601	169	1094982	20.565	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	381732	20.120	ng	99
68) Hexachlorobenzene	16.419	284	443742	20.559	ng	97
69) Atrazine	16.589	200	422452	23.144	ng	98
70) Pentachlorophenol	16.772	266	306483	22.793	ng	99
71) Phenanthrene	17.178	178	2014344	20.401	ng	100
72) Anthracene	17.272	178	2046874	20.778	ng	100
73) Carbazole	17.548	167	1966833	21.216	ng	100
74) Di-n-butylphthalate	18.160	149	2344972	22.368	ng	99
75) Fluoranthene	19.272	202	2482057	21.452	ng	99
77) Benzidine	19.472	184	1379032	27.923	ng	100
78) Pyrene	19.648	202	2586291	20.591	ng	100
80) Butylbenzylphthalate	20.613	149	1151348	27.342	ng	99
81) Benzo(a)anthracene	21.566	228	2702573	21.043	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	989512	23.394	ng	98
83) Chrysene	21.636	228	2522765	20.723	ng	99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1726261	25.069	ng	99
85) Di-n-octyl phthalate	22.813	149	2956568	25.198	ng	100
87) Indeno(1,2,3-cd)pyrene	28.706	276	3273296m	20.969	ng	
88) Benzo(b)fluoranthene	23.866	252	2704711	20.722	ng	100
89) Benzo(k)fluoranthene	23.942	252	2712398	20.326	ng	99
90) Benzo(a)pyrene	24.754	252	2549616	21.125	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	2711736	21.306	ng	100
92) Benzo(g,h,i)perylene	29.877	276	2666038m	21.686	ng	

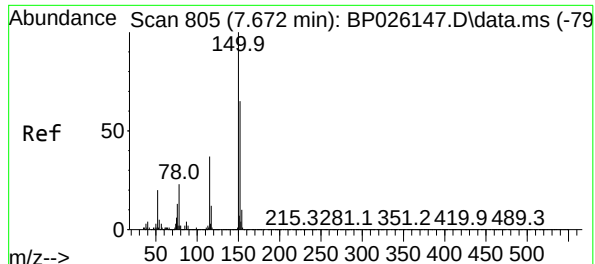
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025





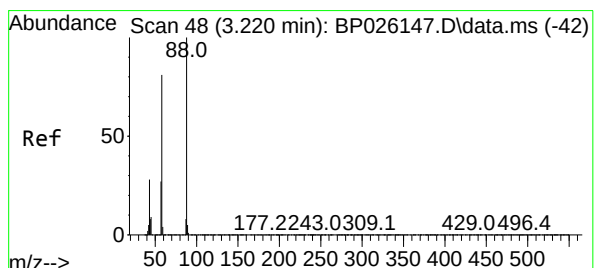
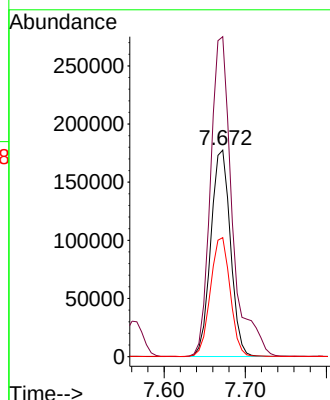
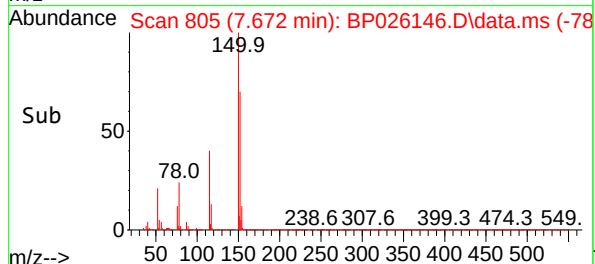
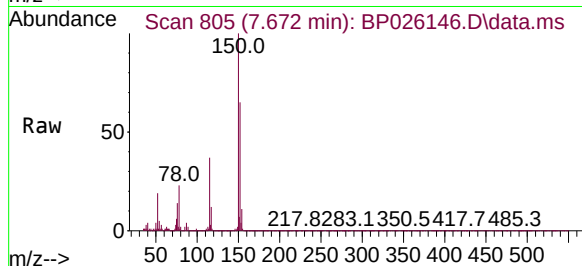
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
Client Sample Id :
SSTDICC020

Tgt Ion: 152 Resp: 298291
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.6
115 57.6 46.3 69.5

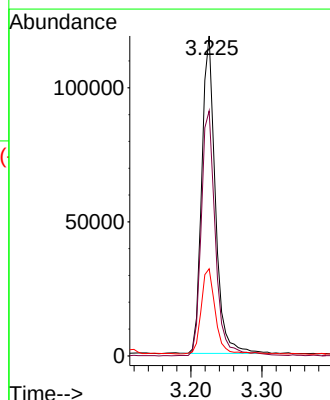
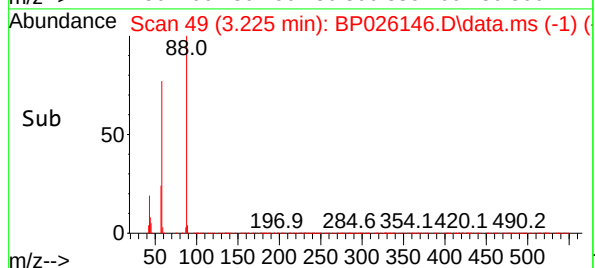
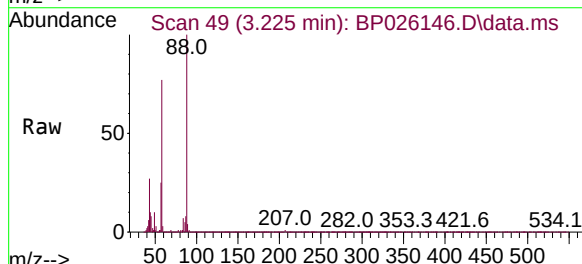
Manual Integrations
APPROVED

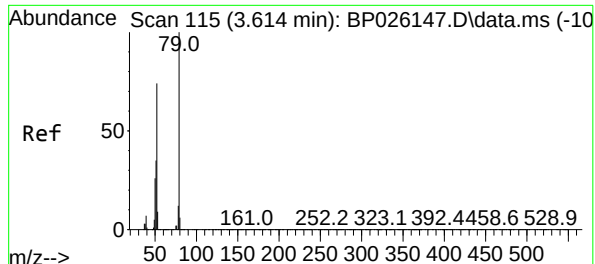
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 20.591 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 88 Resp: 156200
Ion Ratio Lower Upper
88 100
58 81.0 64.2 96.4
43 28.2 21.5 32.3





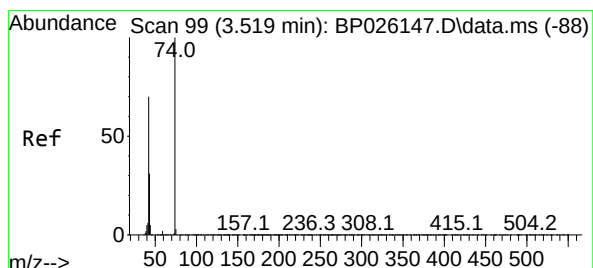
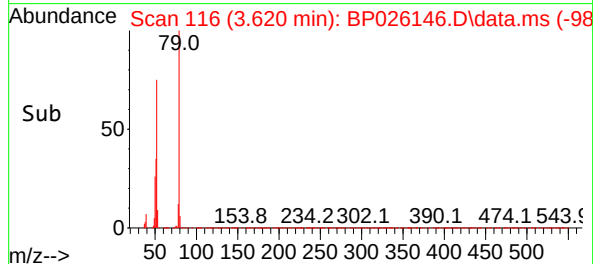
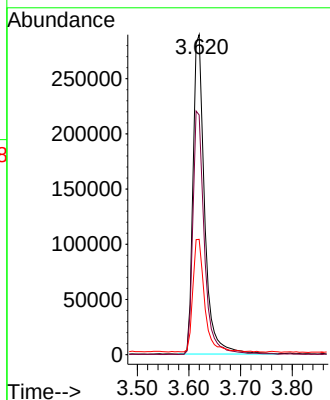
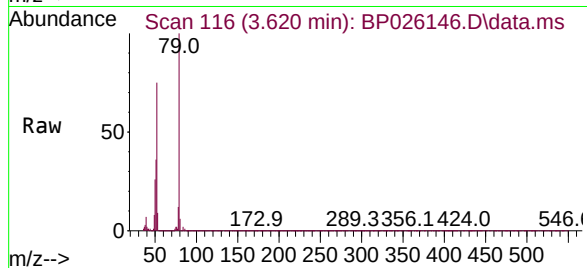
#3
Pyridine
Concen: 20.880 ng
RT: 3.620 min Scan# 115
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 450325
Ion Ratio Lower Upper
79 100
52 74.9 60.2 90.2
51 36.0 29.5 44.3

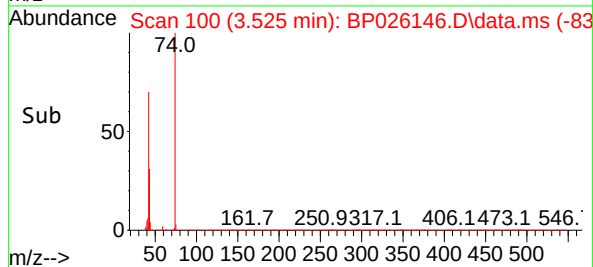
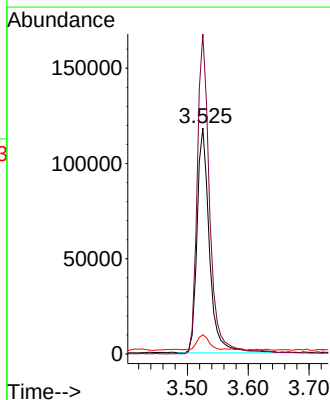
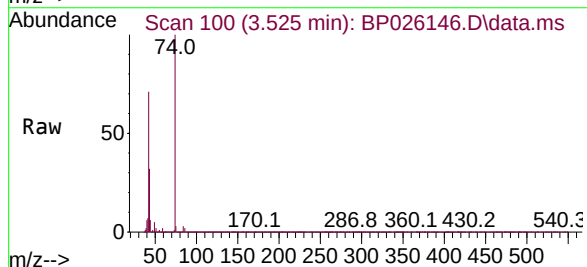
Manual Integrations
APPROVED

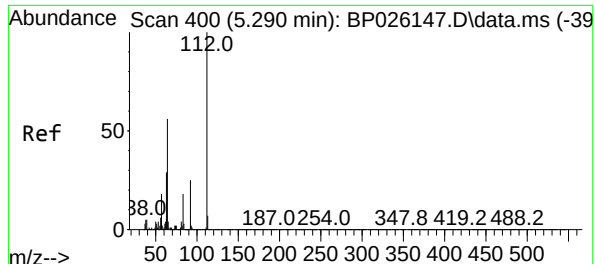
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#4
n-Nitrosodimethylamine
Concen: 19.544 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 42 Resp: 167064
Ion Ratio Lower Upper
42 100
74 141.6 118.1 177.1
44 8.5 6.2 9.4





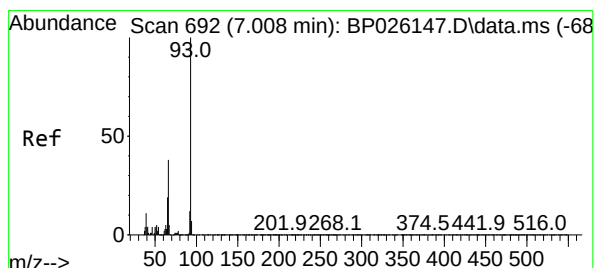
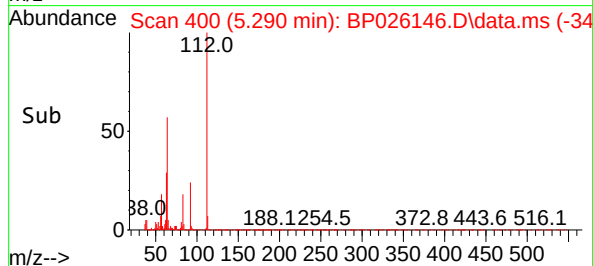
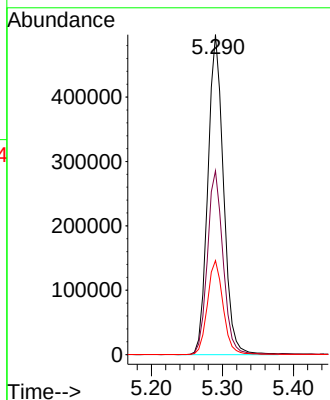
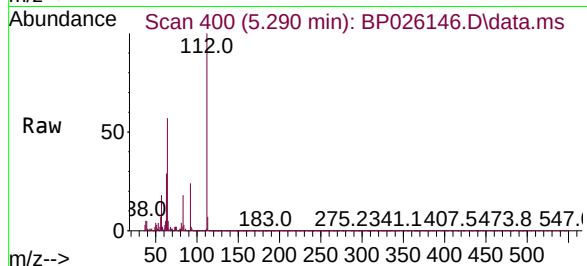
#5
2-Fluorophenol
Concen: 42.149 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 112 Resp: 762064
Ion Ratio Lower Upper
112 100
64 57.4 45.8 68.6
63 29.4 23.5 35.3

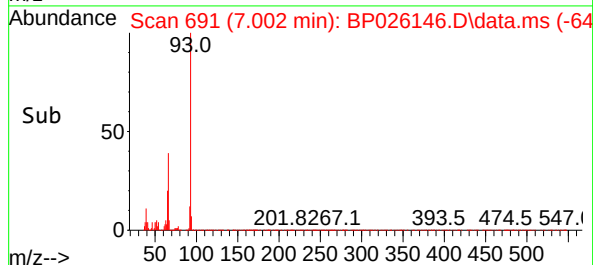
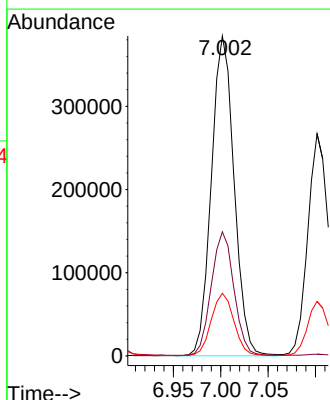
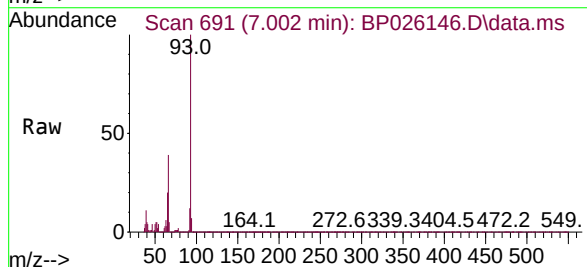
Manual Integrations
APPROVED

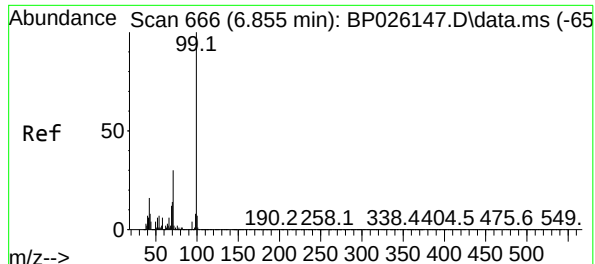
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 21.012 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 93 Resp: 642407
Ion Ratio Lower Upper
93 100
66 38.8 31.7 47.5
65 19.6 15.8 23.6





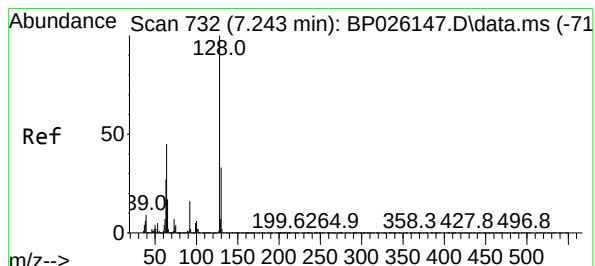
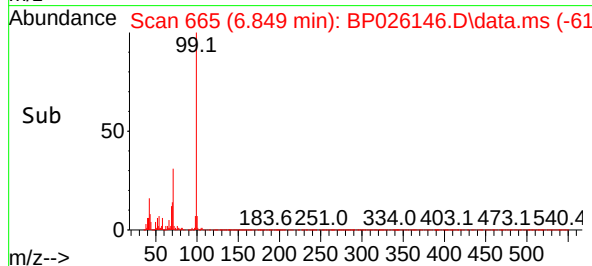
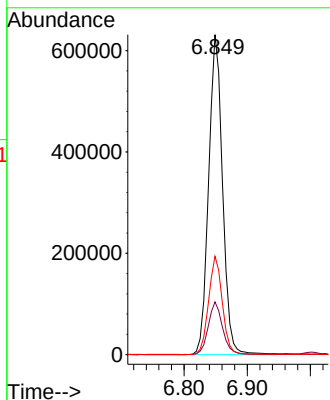
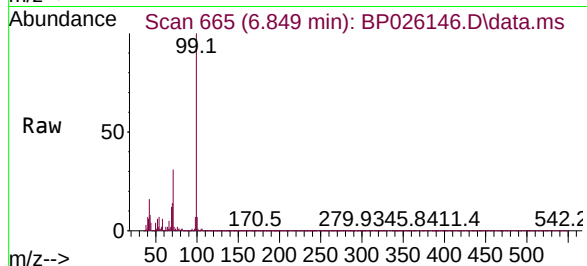
#7
Phenol-d6
Concen: 42.206 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 967986
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 30.7 24.8 37.2

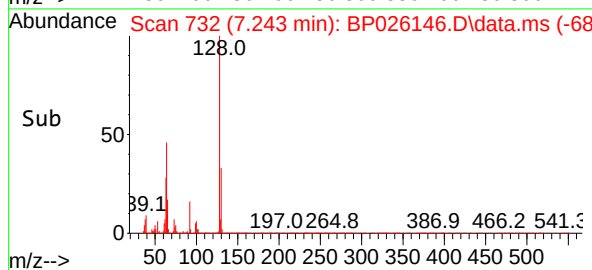
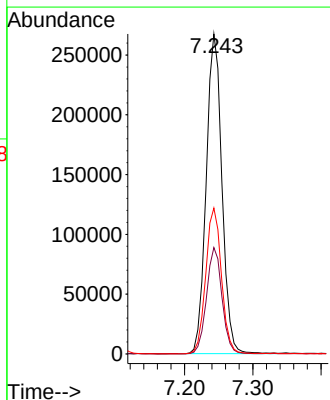
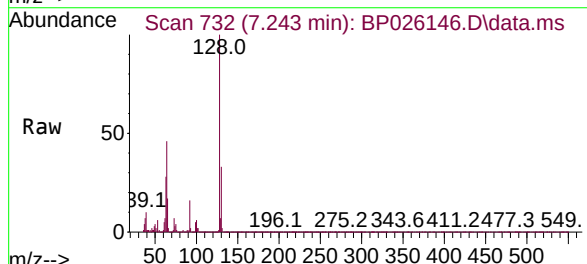
Manual Integrations
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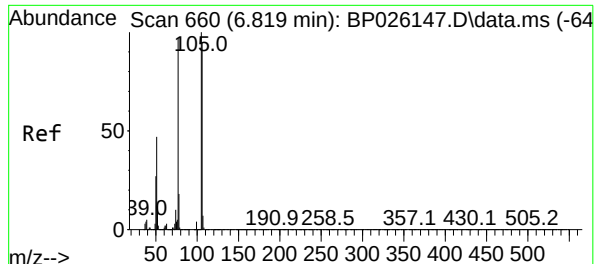
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#8
2-Chlorophenol
Concen: 21.417 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:128 Resp: 428984
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 45.6 23.9 63.9





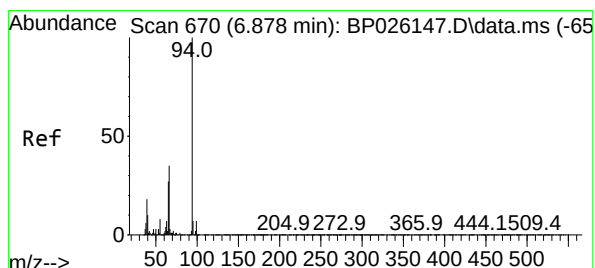
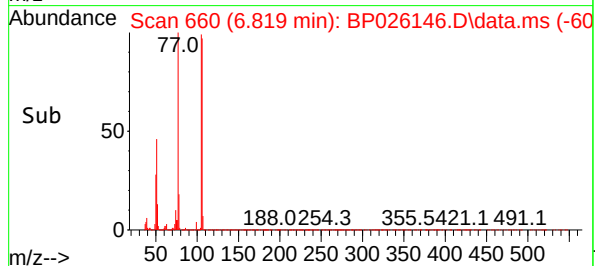
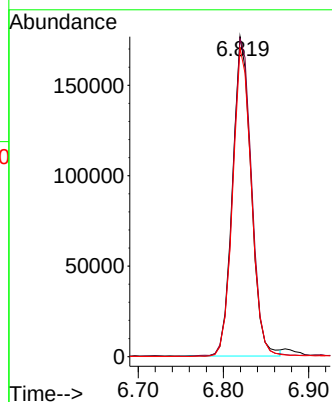
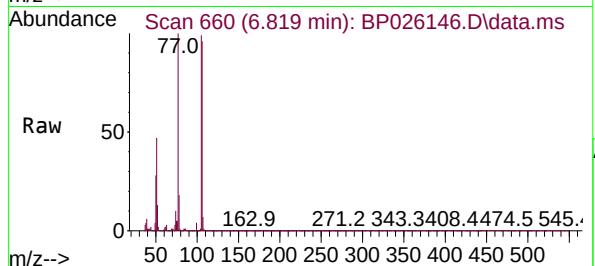
#9
Benzaldehyde
Concen: 23.205 ng
RT: 6.819 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 268085
Ion Ratio Lower Upper
77 100
105 99.3 82.9 122.9
106 96.4 77.8 117.8

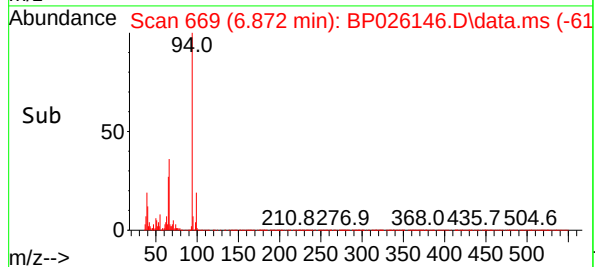
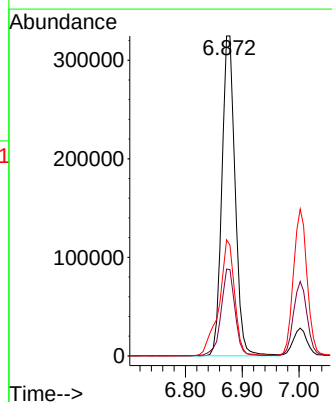
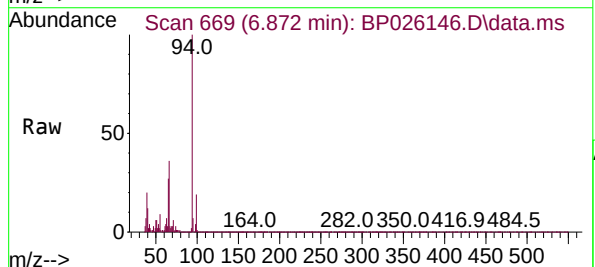
Manual Integrations
APPROVED

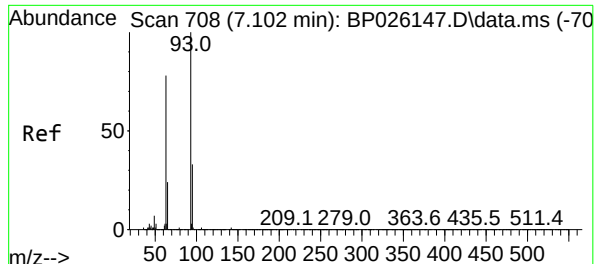
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#10
Phenol
Concen: 20.669 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 94 Resp: 524201
Ion Ratio Lower Upper
94 100
65 27.1 7.0 47.0
66 36.3 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 20.320 ng

RT: 7.102 min Scan# 708

Delta R.T. 0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

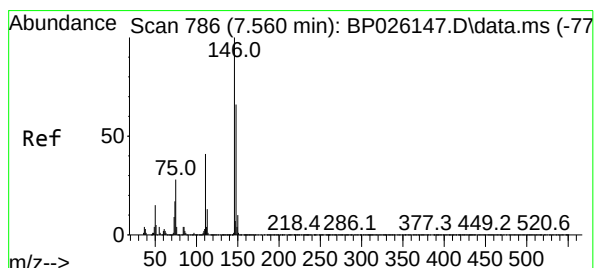
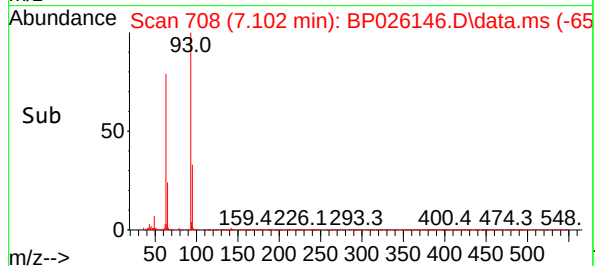
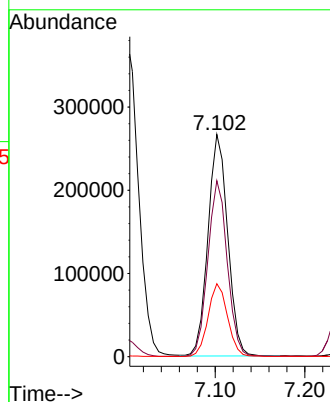
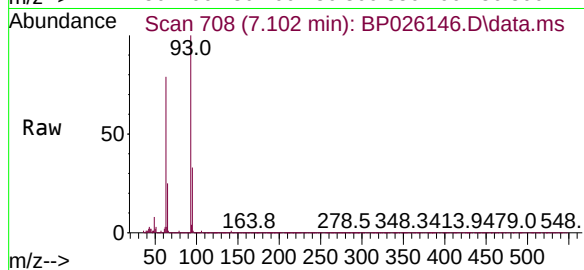
ClientSampleId :

SSTDICC020

Tgt Ion: 93	Resp: 408052
Ion Ratio	Lower Upper
93 100	
63 79.2	58.8 98.8
95 32.8	12.1 52.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#12

1,3-Dichlorobenzene

Concen: 20.475 ng

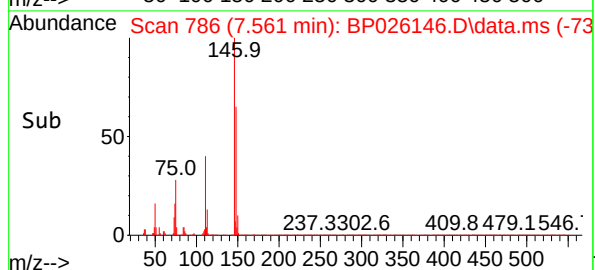
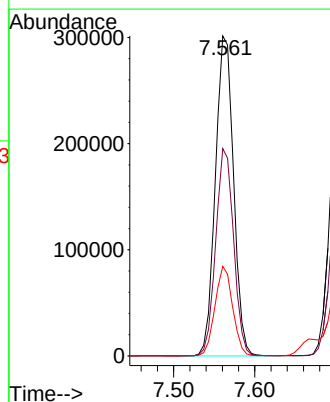
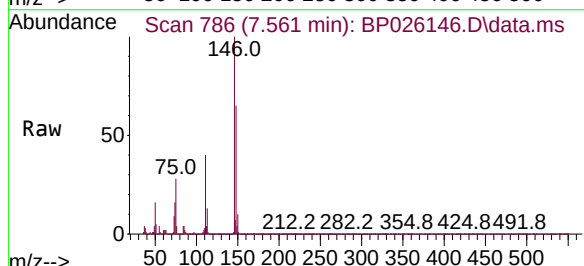
RT: 7.561 min Scan# 786

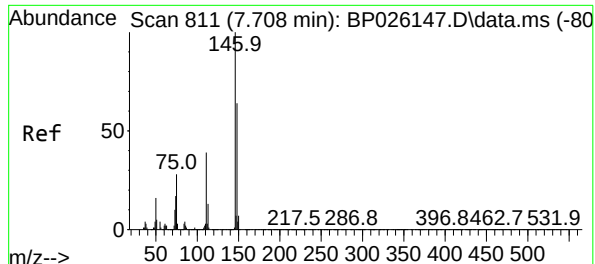
Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Tgt Ion:146	Resp: 468385
Ion Ratio	Lower Upper
146 100	
148 64.8	51.8 77.8
75 28.0	22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 20.465 ng

RT: 7.708 min Scan# 811

Delta R.T. 0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

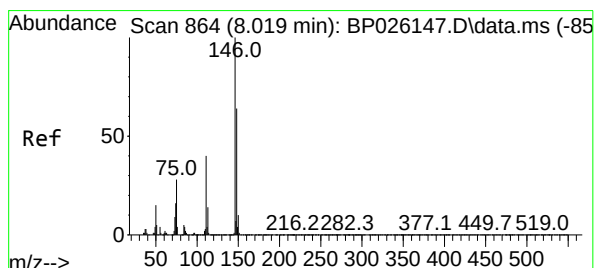
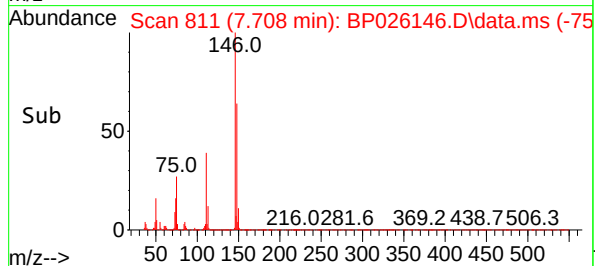
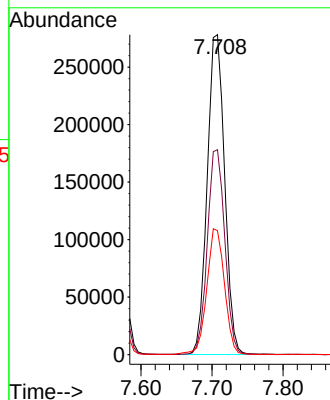
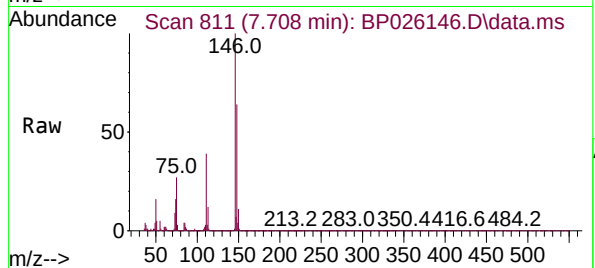
ClientSampleId :

SSTDICC020

Tgt Ion:	146	Resp:	47391
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.4	77.2
111	38.7	31.7	47.5

Manual Integrations
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Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 20.519 ng

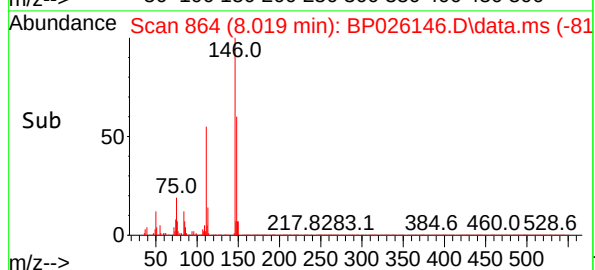
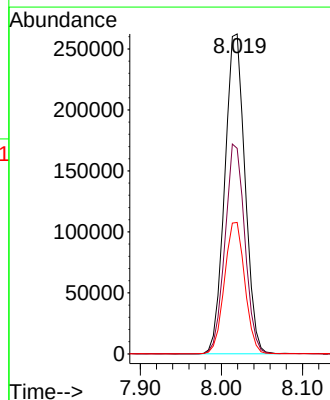
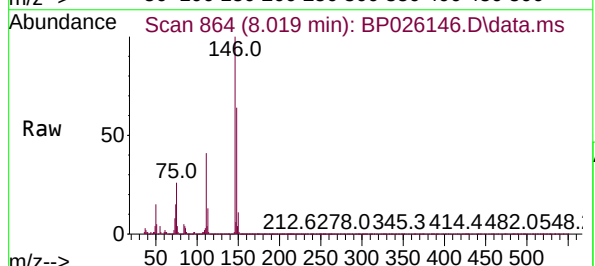
RT: 8.019 min Scan# 864

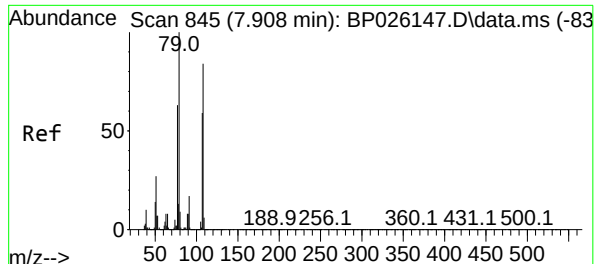
Delta R.T. 0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Tgt Ion:	146	Resp:	453824
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.0	76.6
111	41.1	33.0	49.4





#15

Benzyl Alcohol

Concen: 21.241 ng

RT: 7.902 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 352314

Ion Ratio Lower Upper

79 100

108 83.6 66.2 99.4

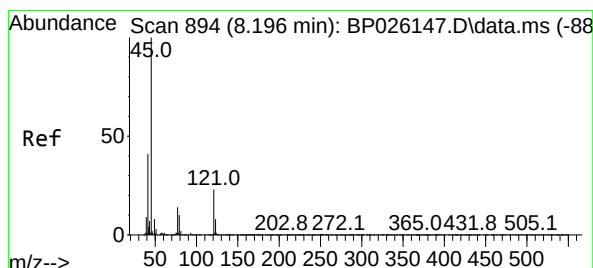
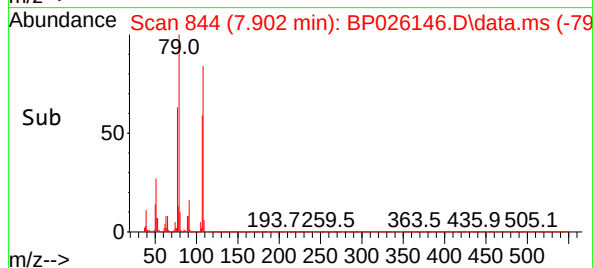
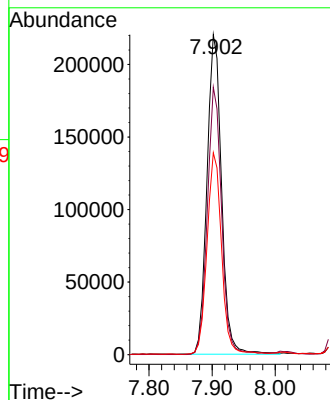
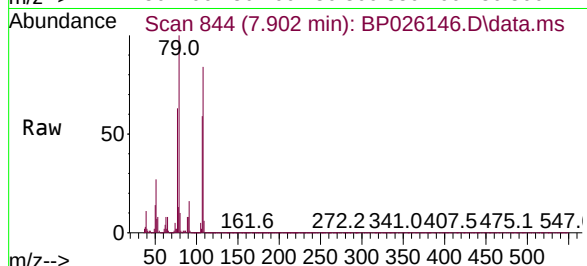
77 63.1 50.0 75.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.455 ng

RT: 8.196 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

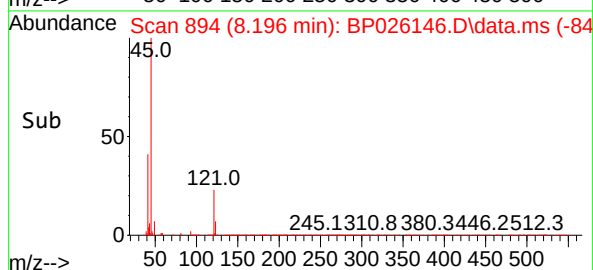
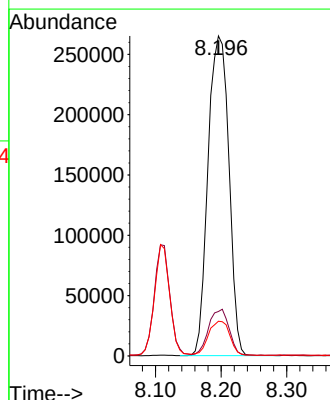
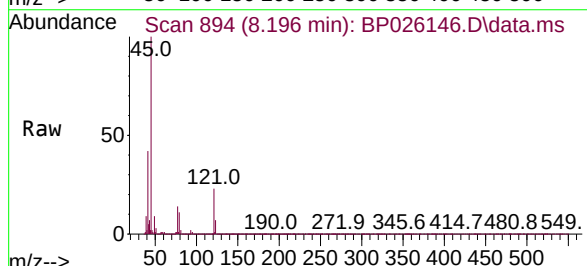
Tgt Ion: 45 Resp: 585097

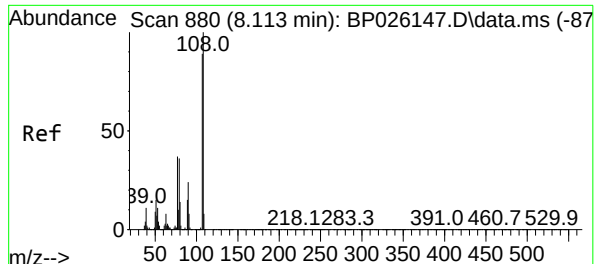
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.9

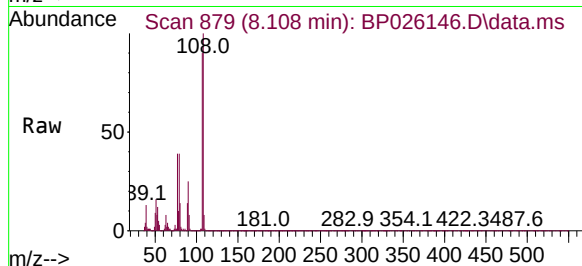
79 10.8 0.0 30.4





#17
2-Methylphenol
Concen: 21.308 ng
RT: 8.108 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

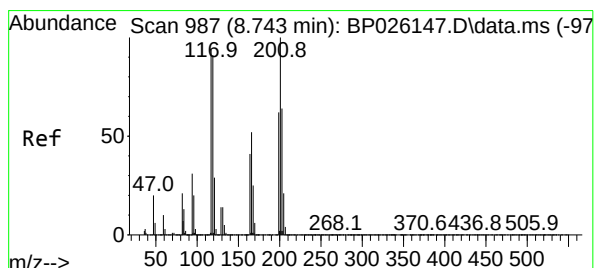
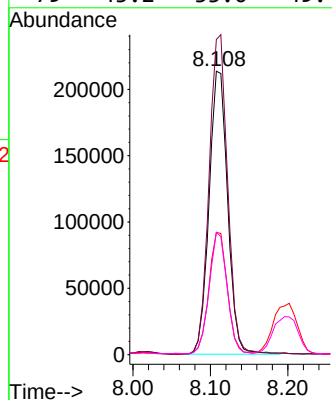
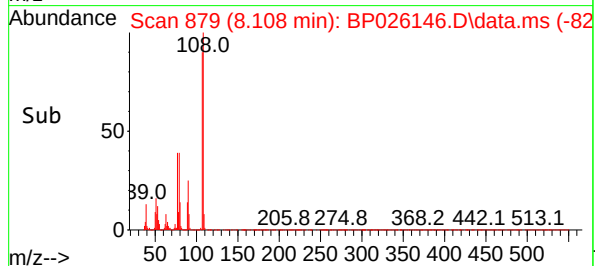
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:107 Resp: 35532
Ion Ratio Lower Upper
107 100
108 111.2 89.7 134.5
77 43.1 33.9 50.9
79 43.2 33.0 49.4

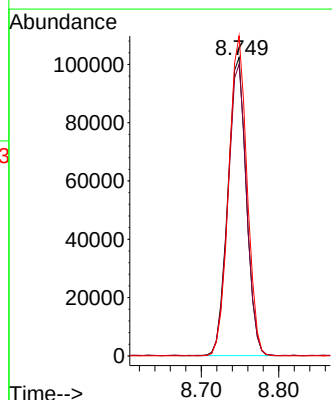
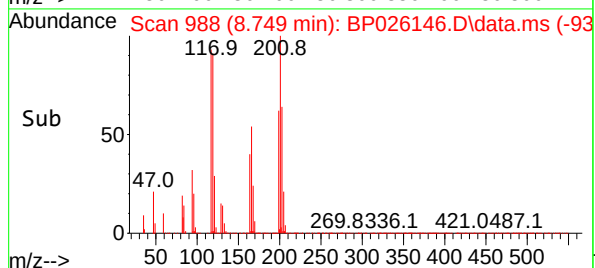
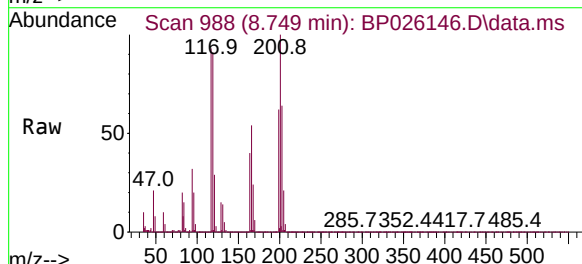
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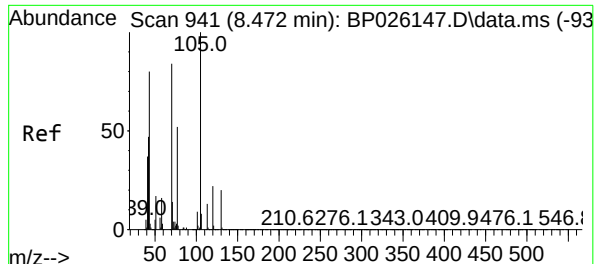
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#18
Hexachloroethane
Concen: 21.211 ng
RT: 8.749 min Scan# 988
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:117 Resp: 169683
Ion Ratio Lower Upper
117 100
119 97.7 78.7 118.1
201 107.2 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 22.304 ng

RT: 8.472 min Scan# 941

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 317044

Ion Ratio Lower Upper

70 100

42 56.3 44.1 66.1

101 10.9 8.2 12.4

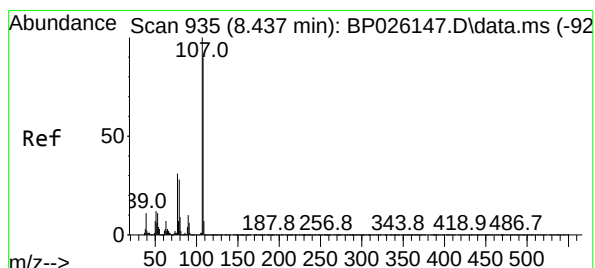
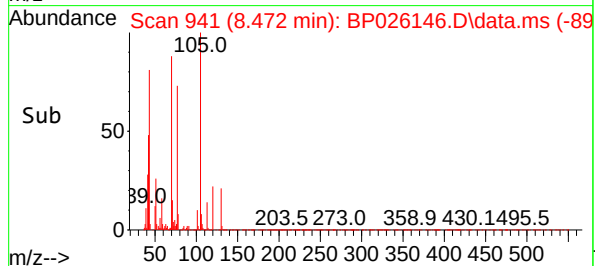
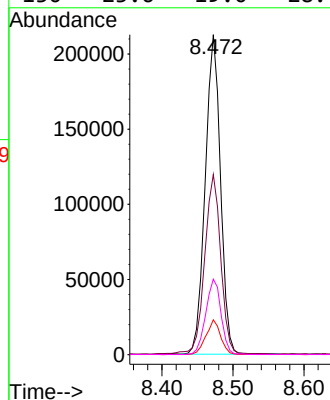
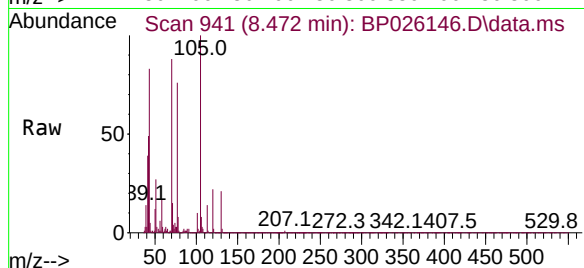
130 23.6 19.0 28.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 21.323 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Tgt Ion:107 Resp: 494113

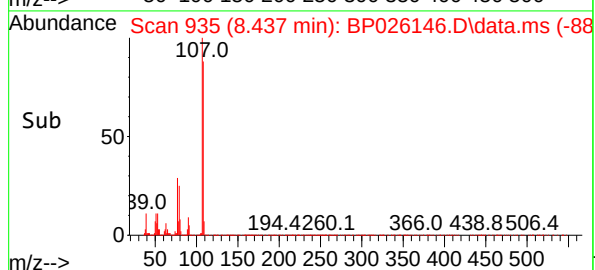
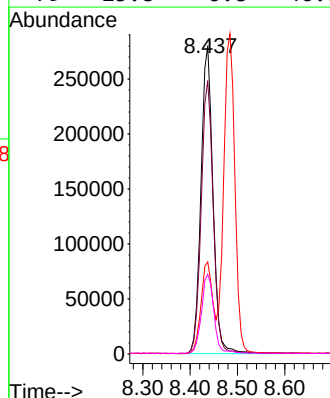
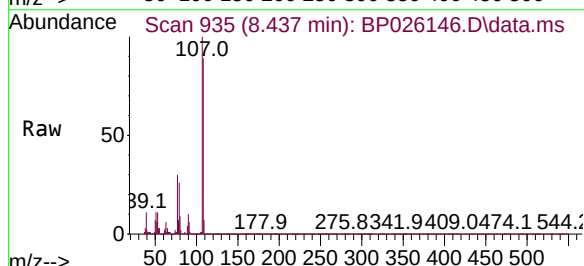
Ion Ratio Lower Upper

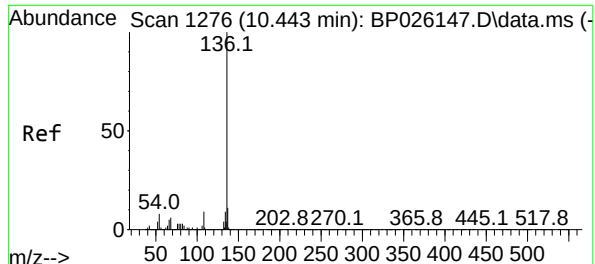
107 100

108 88.7 68.9 108.9

77 29.9 10.4 50.4

79 25.8 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.449 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

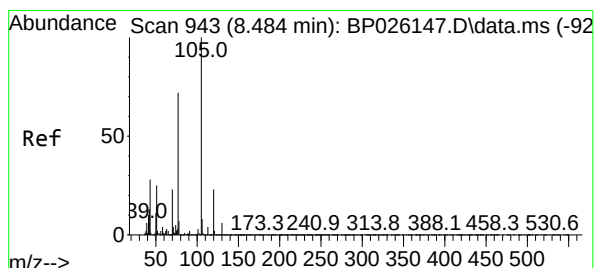
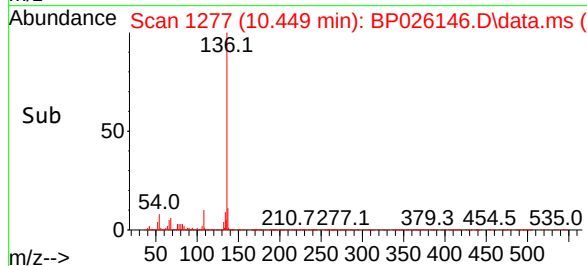
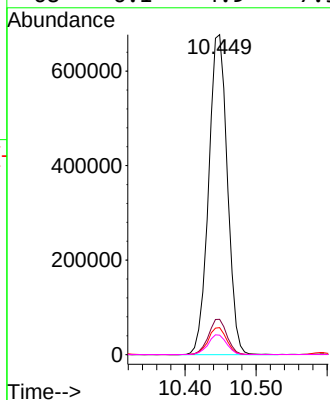
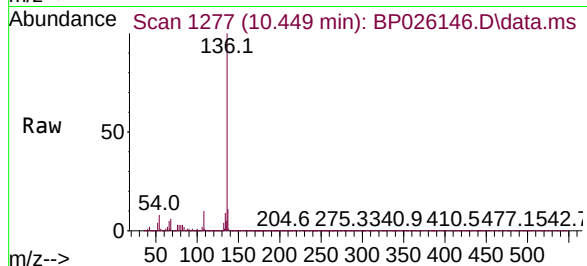
ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 1240005
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.4 6.4 9.6
68 6.1 4.9 7.3

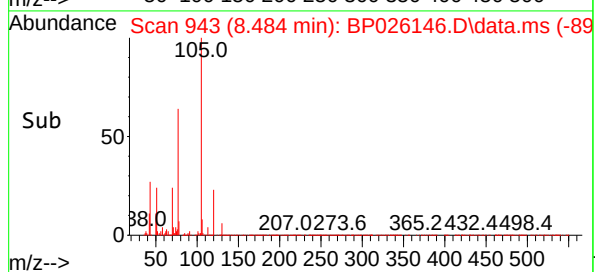
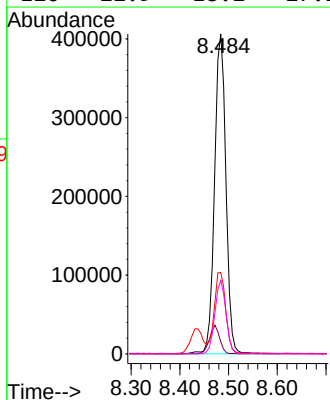
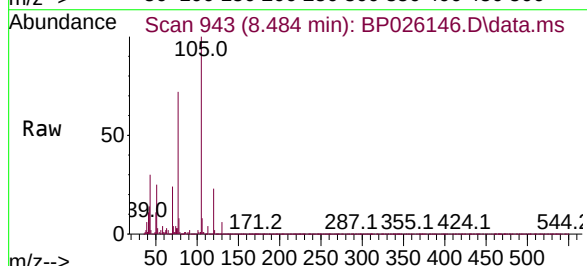
Manual Integrations
APPROVED

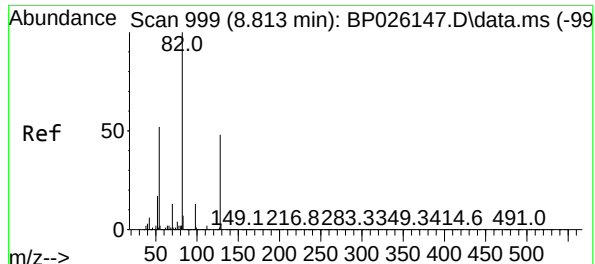
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 21.014 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:105 Resp: 656986
Ion Ratio Lower Upper
105 100
71 3.8 3.0 4.4
51 25.4 20.5 30.7
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 44.814 ng

RT: 8.813 min Scan# 999

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

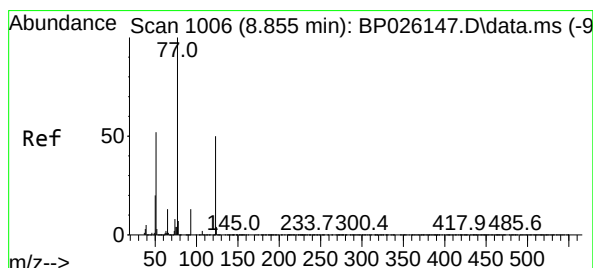
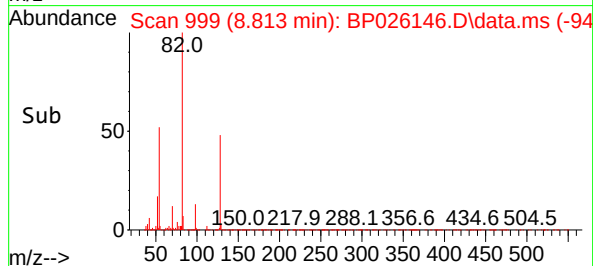
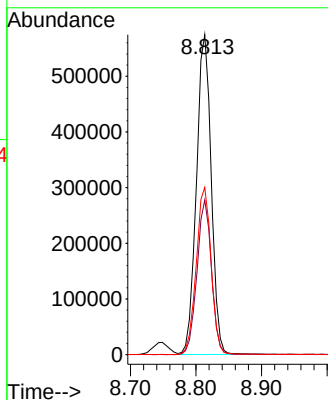
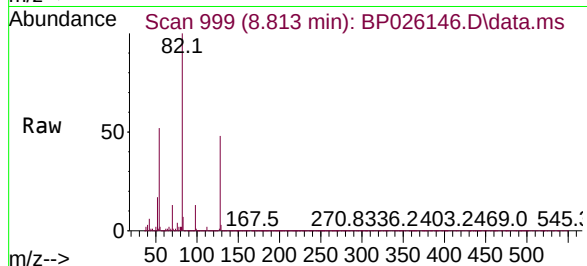
ClientSampleId :

SSTDICC020

Tgt Ion:	82	Resp:	898109
Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.4	56.0
54	52.2	41.6	62.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 21.768 ng

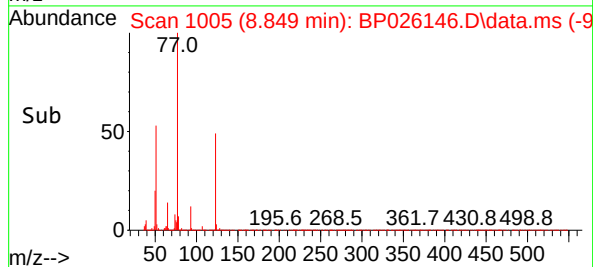
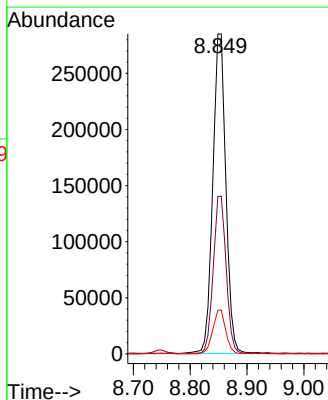
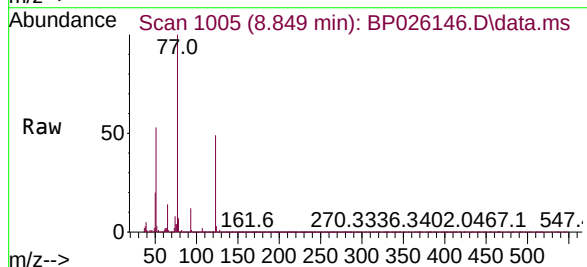
RT: 8.849 min Scan# 1005

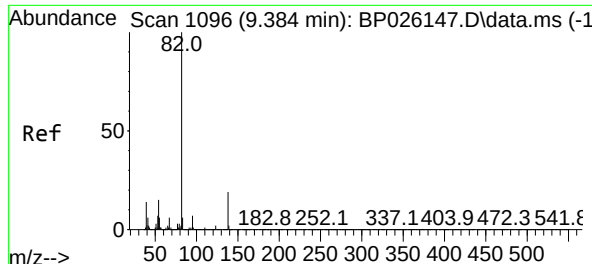
Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

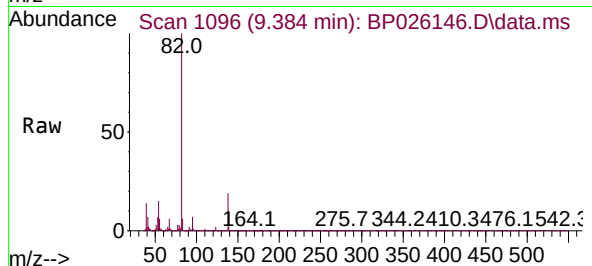
Tgt Ion:	77	Resp:	456901
Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.8	59.8
65	13.6	11.2	16.8





#25
Isophorone
Concen: 21.502 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

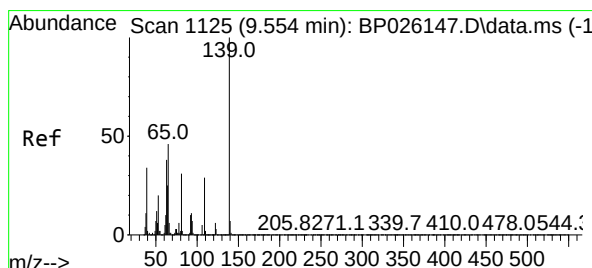
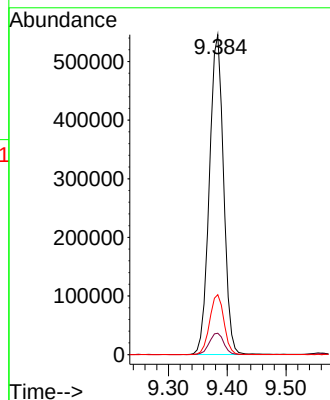
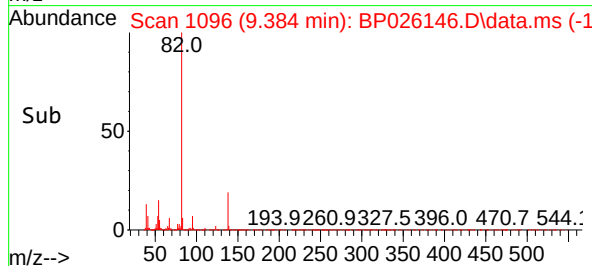
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



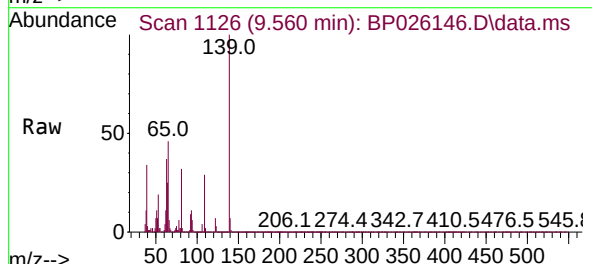
Tgt Ion: 82 Resp: 912115
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.7 15.4 23.0

Manual Integrations
APPROVED

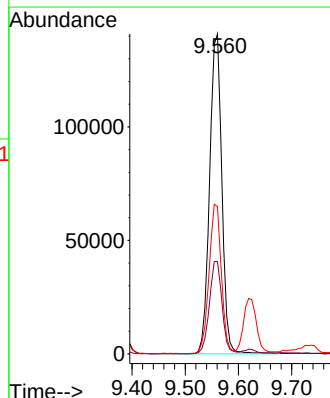
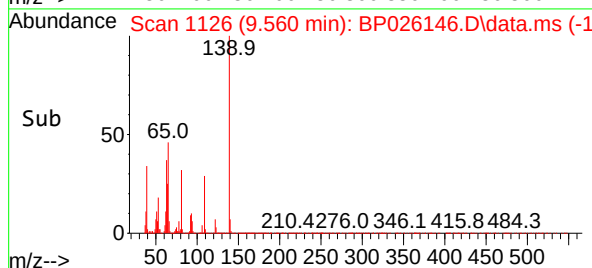
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

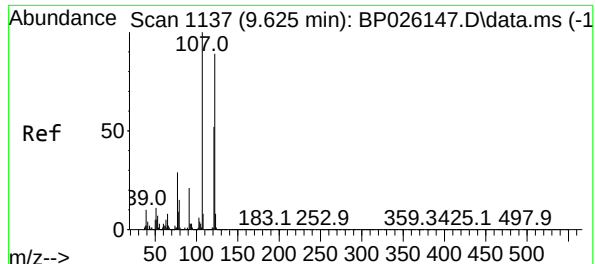


#26
2-Nitrophenol
Concen: 31.463 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



Tgt Ion:139 Resp: 225396
Ion Ratio Lower Upper
139 100
109 28.8 22.3 33.5
65 46.0 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 23.115 ng

RT: 9.619 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

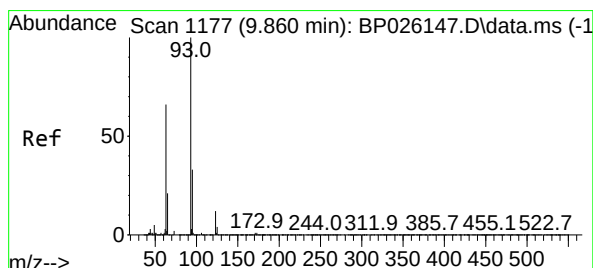
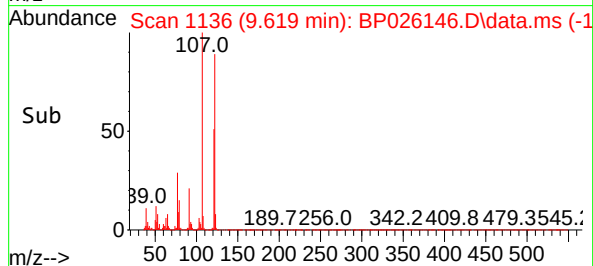
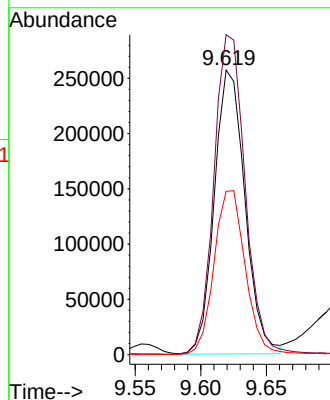
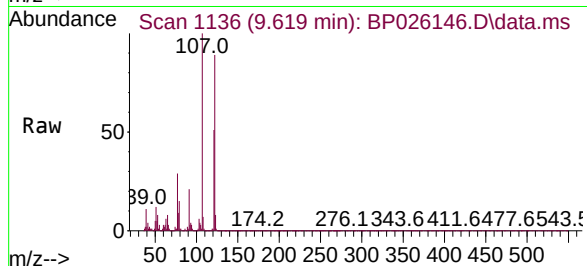
Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:	122	Resp:	418475
Ion	Ratio	Lower	Upper
122	100		
107	112.4	91.0	136.6
121	57.4	47.0	70.6

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

#28

bis(2-Chloroethoxy)methane

Concen: 21.042 ng

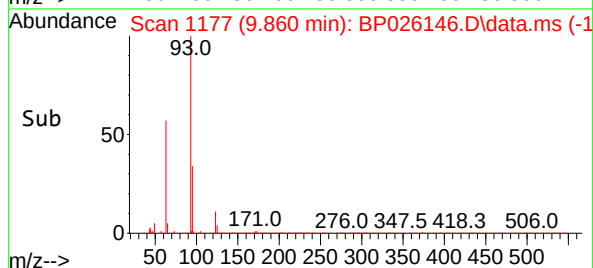
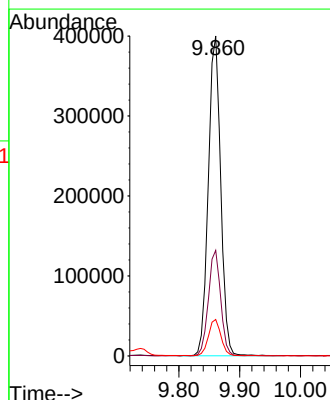
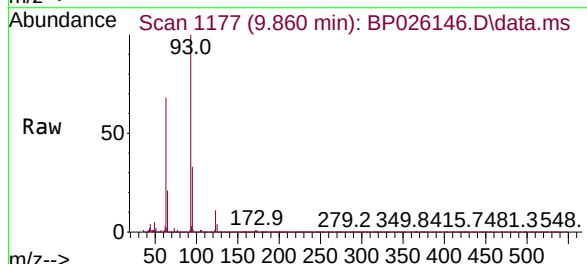
RT: 9.860 min Scan# 1177

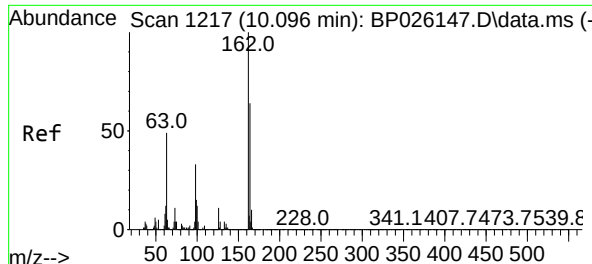
Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Tgt Ion:	93	Resp:	563383
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.4	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 21.974 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

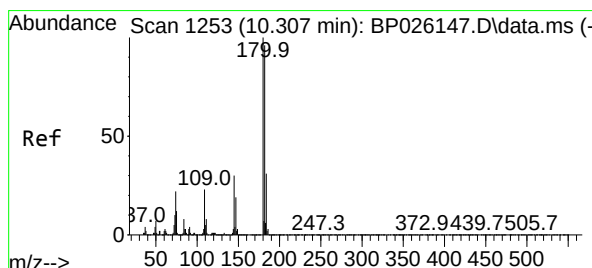
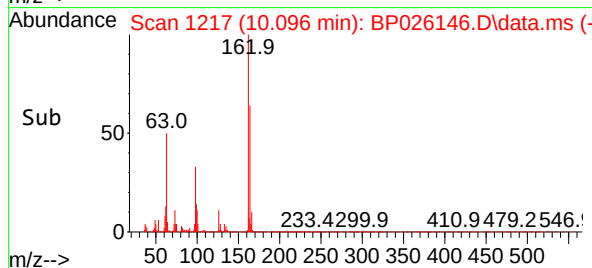
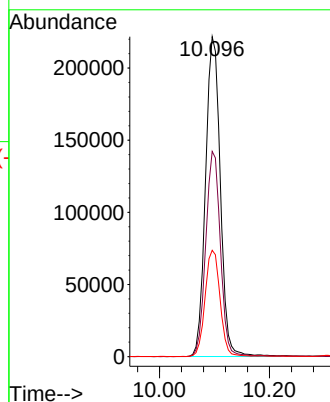
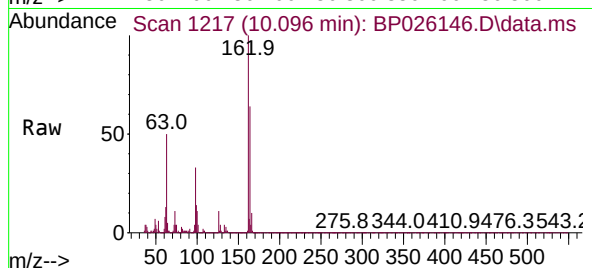
Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:	162	Resp:	415150
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.8	83.8
98	33.2	14.1	54.1

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

#30

1,2,4-Trichlorobenzene

Concen: 20.380 ng

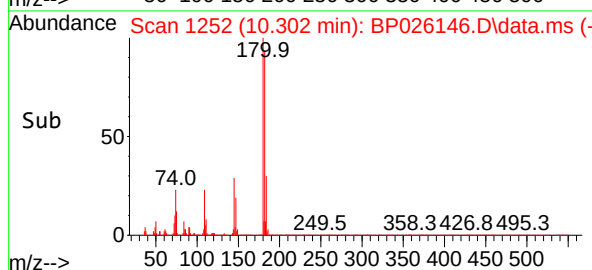
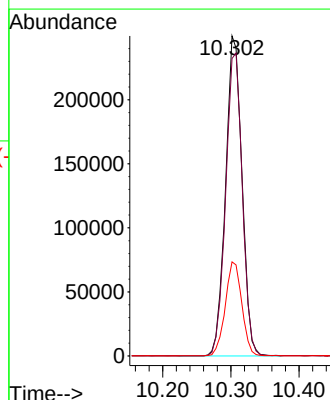
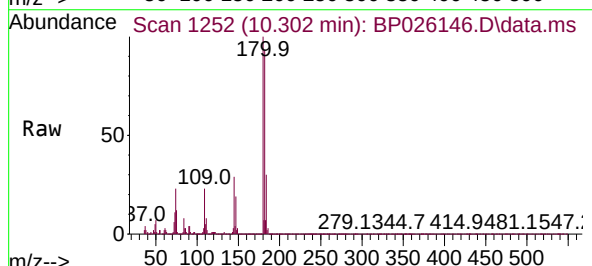
RT: 10.302 min Scan# 1252

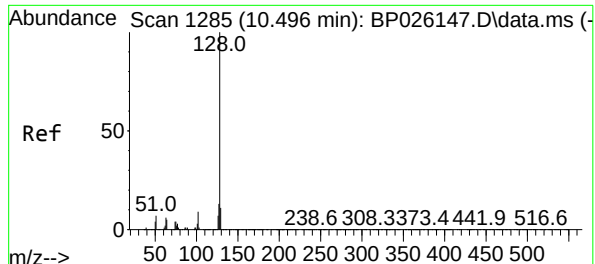
Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Tgt Ion:	180	Resp:	417562
Ion Ratio	Lower	Upper	
180	100		
182	92.9	78.1	117.1
145	29.4	24.2	36.4





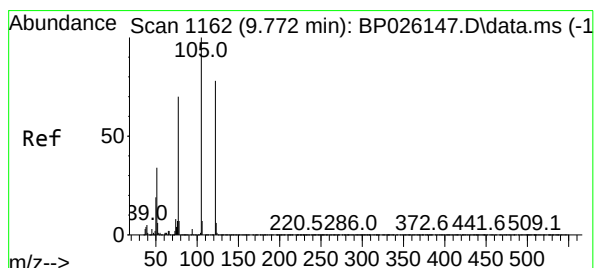
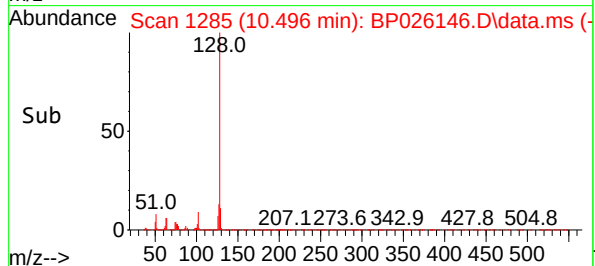
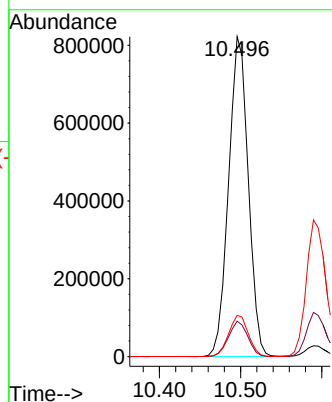
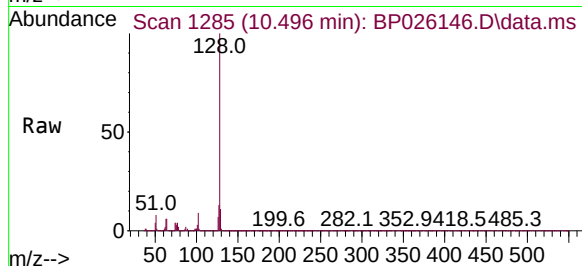
#31
Naphthalene
Concen: 20.547 ng
RT: 10.496 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 138312
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.9 10.2 15.4

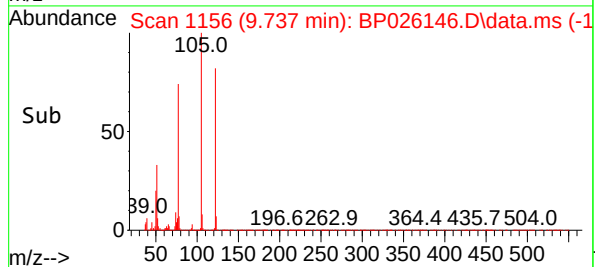
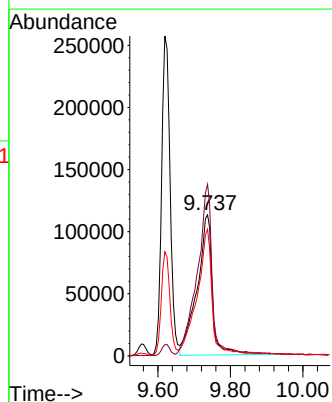
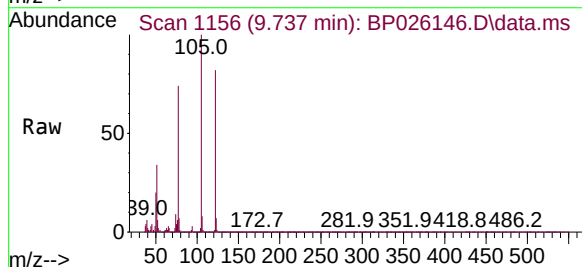
Manual Integrations
APPROVED

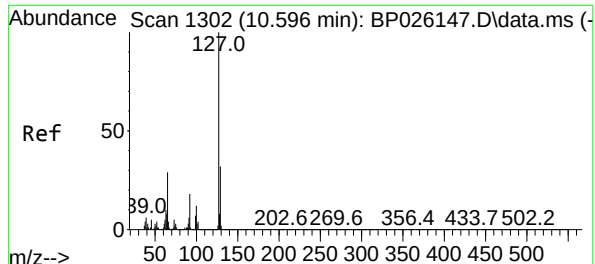
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 30.418 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.029 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:122 Resp: 332008
Ion Ratio Lower Upper
122 100
105 121.7 100.1 140.1
77 90.0 66.7 106.7





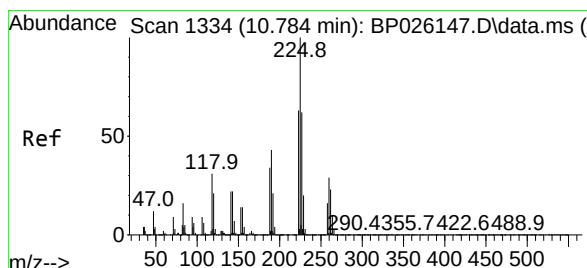
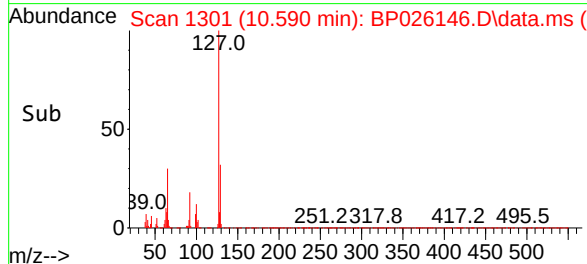
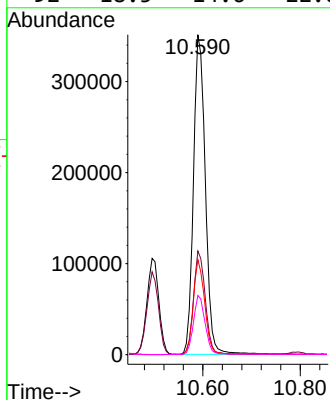
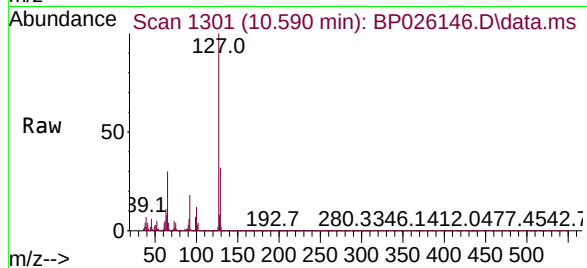
#33
4-Chloroaniline
Concen: 22.720 ng
RT: 10.590 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 594215
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 29.7 22.7 34.1
92 18.5 14.6 22.0

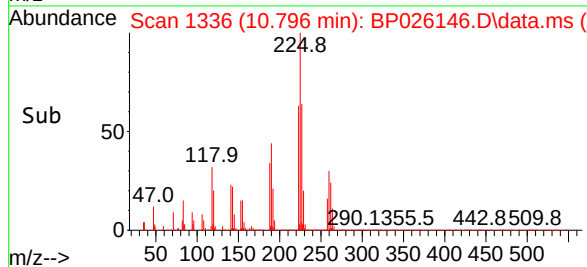
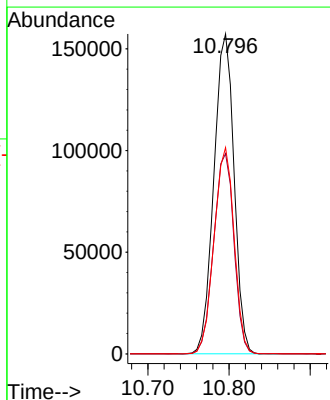
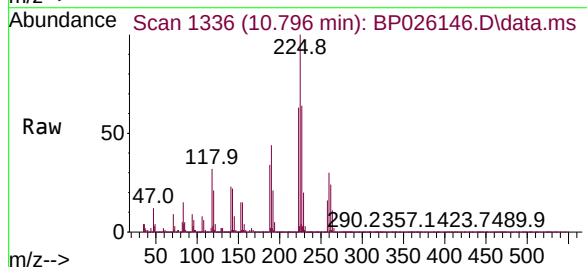
Manual Integrations
APPROVED

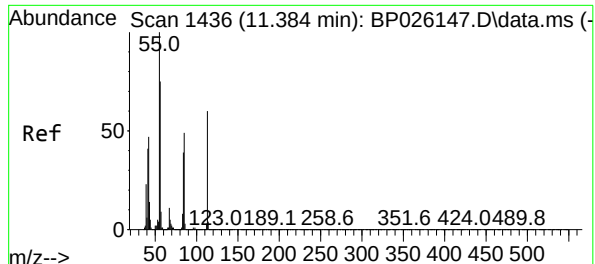
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 20.697 ng
RT: 10.796 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:225 Resp: 271388
Ion Ratio Lower Upper
225 100
223 62.6 49.6 74.4
227 64.5 51.2 76.8





#35

Caprolactam

Concen: 23.091 ng

RT: 11.366 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:113 Resp: 15249

Ion Ratio Lower Upper

113 100

55 170.5 153.0 193.0

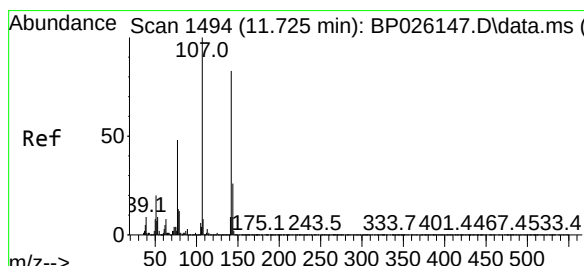
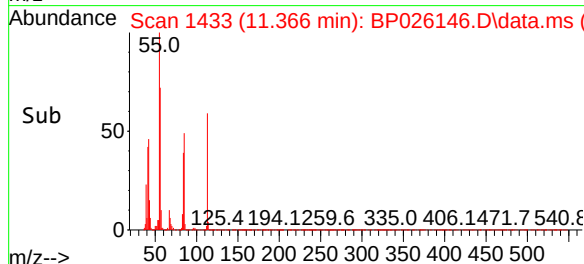
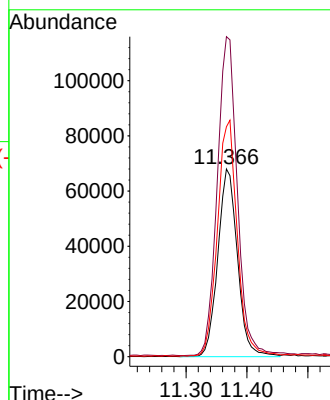
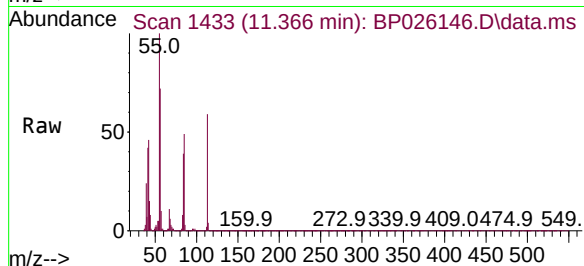
56 122.5 106.4 146.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#36

4-Chloro-3-methylphenol

Concen: 22.951 ng

RT: 11.731 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

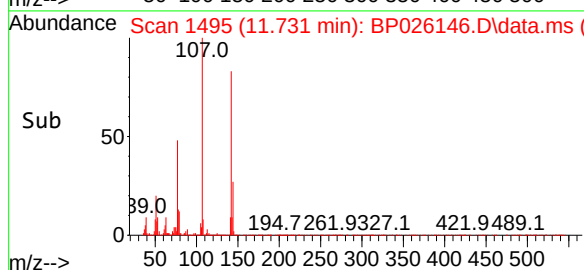
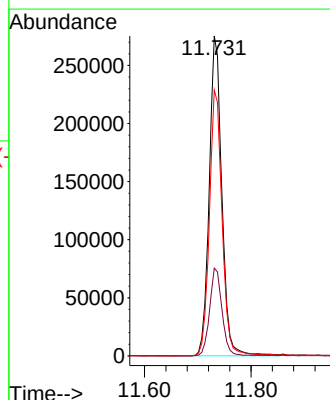
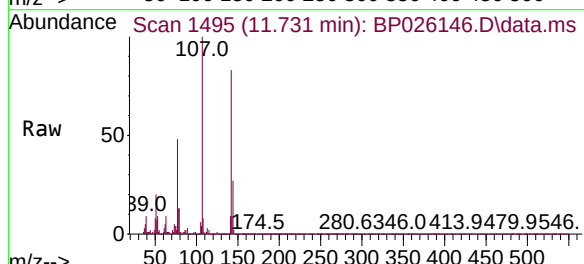
Tgt Ion:107 Resp: 453497

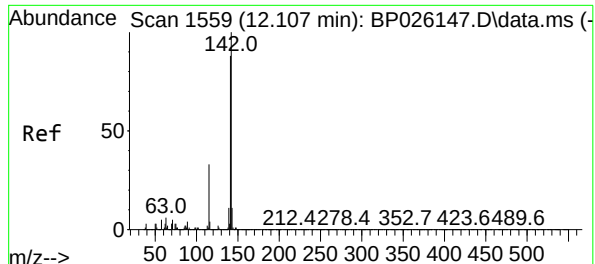
Ion Ratio Lower Upper

107 100

144 27.4 21.6 32.4

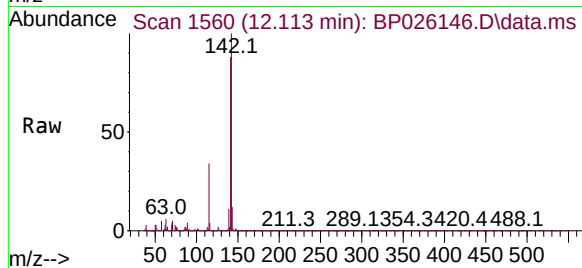
142 83.1 65.6 98.4





#37
2-Methylnaphthalene
Concen: 21.193 ng
RT: 12.113 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

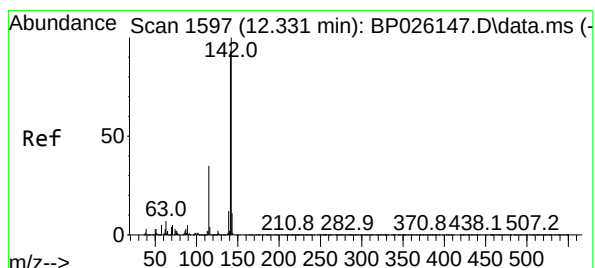
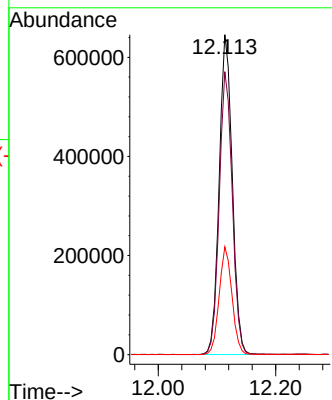
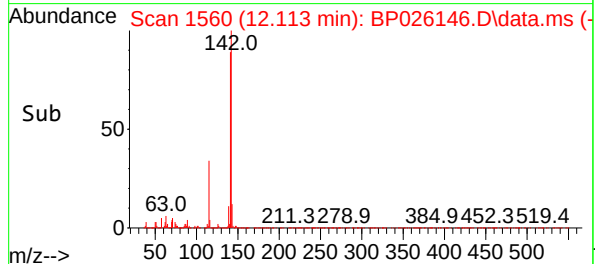
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



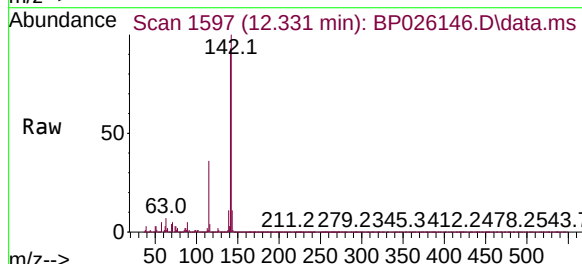
Tgt Ion:142 Resp: 997491
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 33.7 26.6 39.8

Manual Integrations
APPROVED

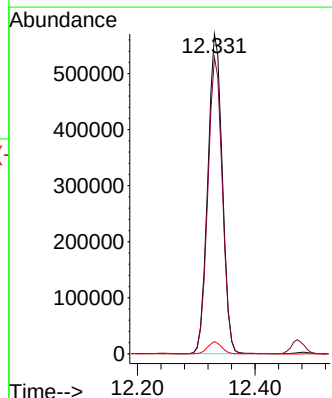
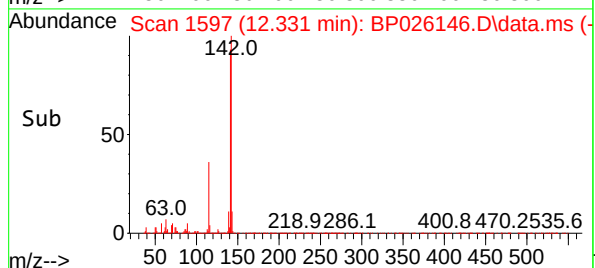
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

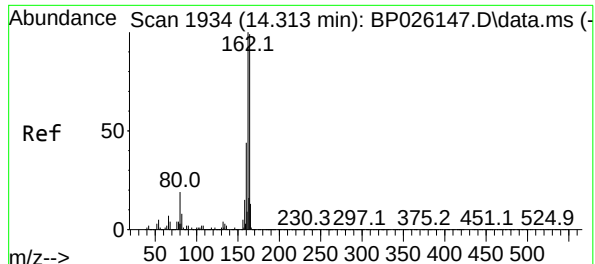


#38
1-Methylnaphthalene
Concen: 21.279 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



Tgt Ion:142 Resp: 973734
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3
116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:164 Resp: 810030

Ion Ratio Lower Upper

164 100

162 100.4 80.3 120.5

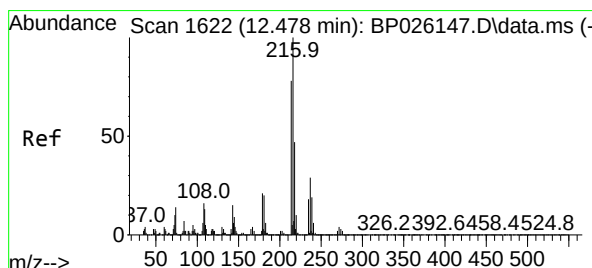
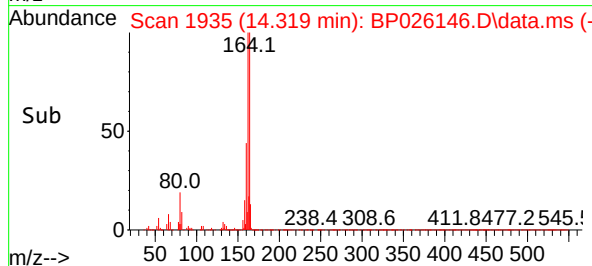
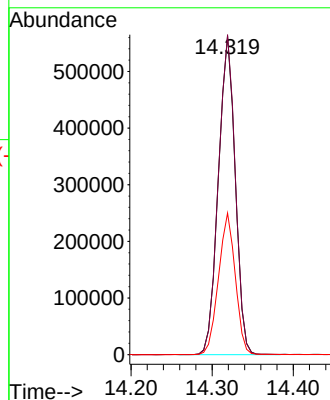
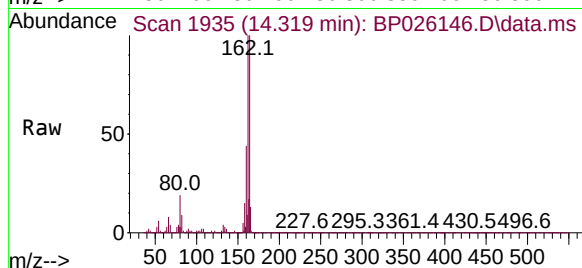
160 44.4 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 19.803 ng

RT: 12.490 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Tgt Ion:216 Resp: 496403

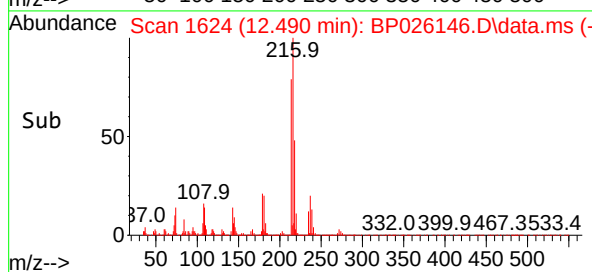
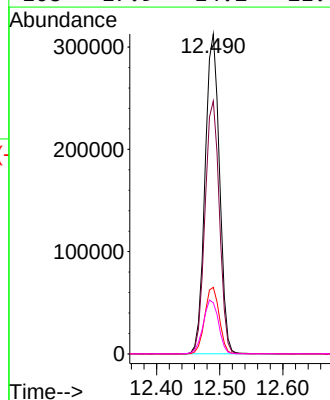
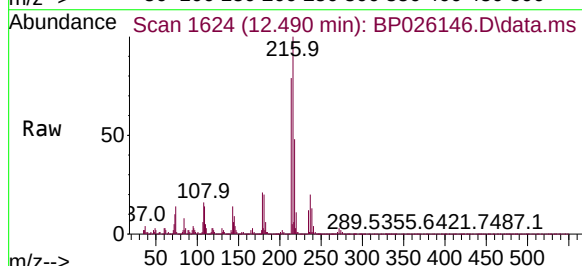
Ion Ratio Lower Upper

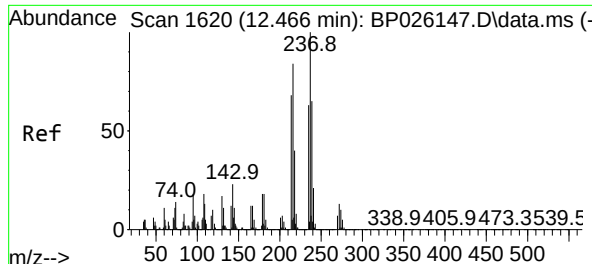
216 100

214 78.7 62.6 94.0

179 21.0 16.6 25.0

108 17.9 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 29.677 ng

RT: 12.472 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

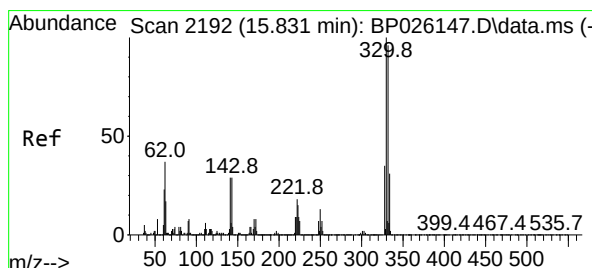
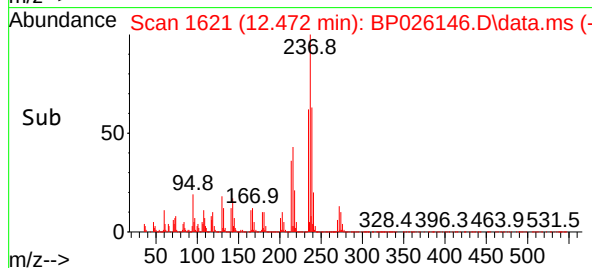
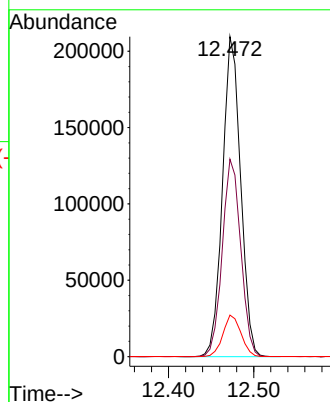
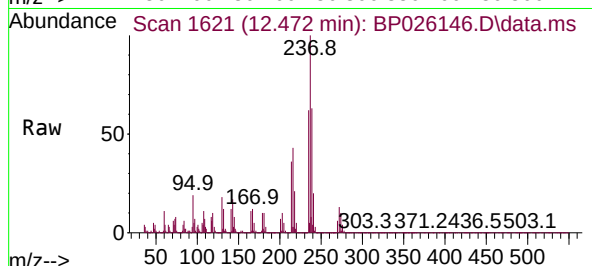
SSTDICC020

Tgt Ion:	237	Resp:	309362
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.3	83.3
272	13.0	0.0	32.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#42

2,4,6-Tribromophenol

Concen: 49.922 ng

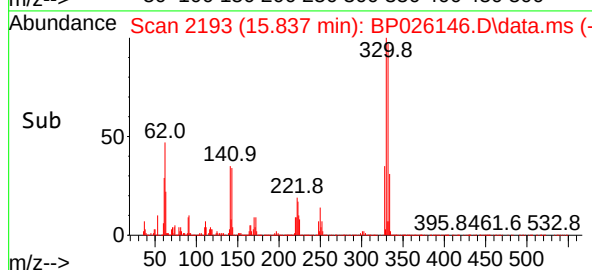
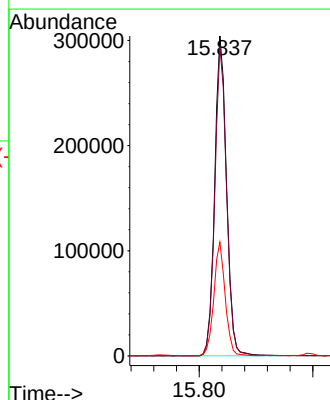
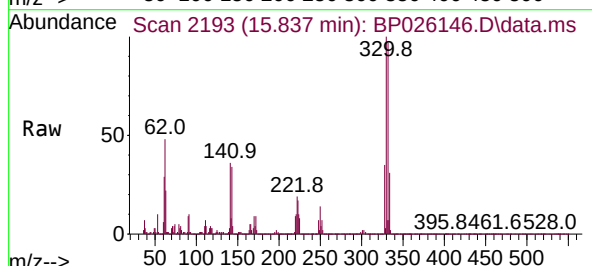
RT: 15.837 min Scan# 2193

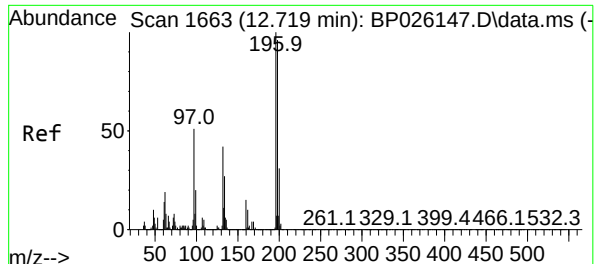
Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

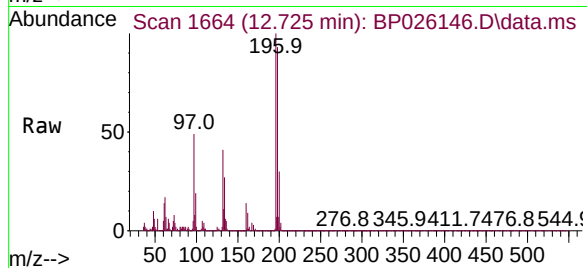
Tgt Ion:	330	Resp:	442990
Ion Ratio	Lower	Upper	
330	100		
332	95.6	78.0	117.0
141	34.0	26.8	40.2





#43
2,4,6-Trichlorophenol
Concen: 23.301 ng
RT: 12.725 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

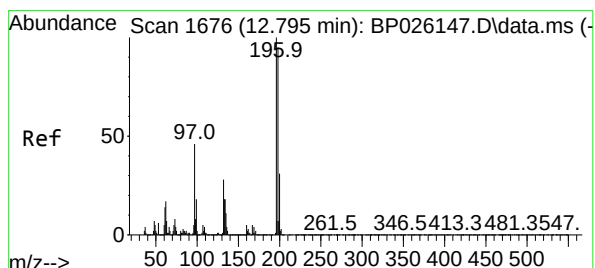
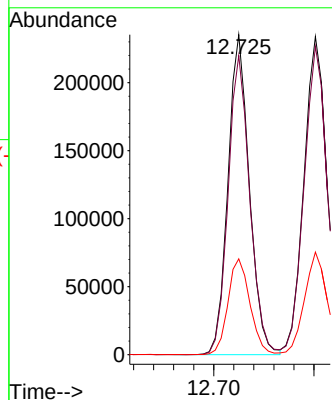
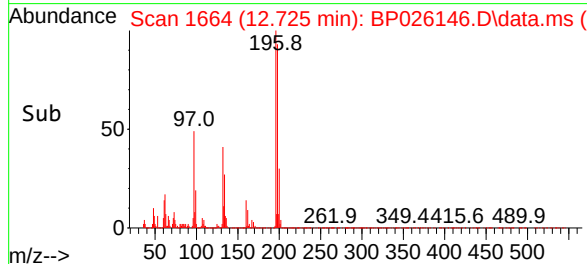
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion:196 Resp: 349396
Ion Ratio Lower Upper
196 100
198 93.4 76.9 115.3
200 30.0 24.6 37.0

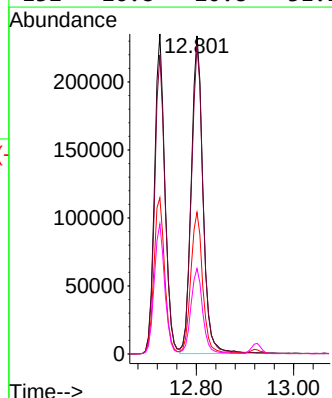
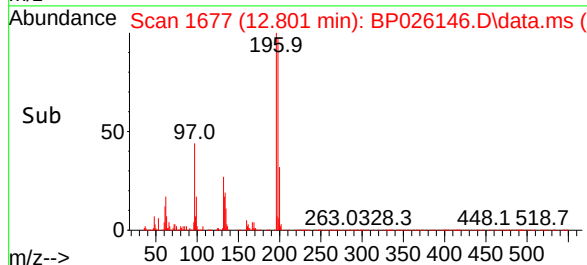
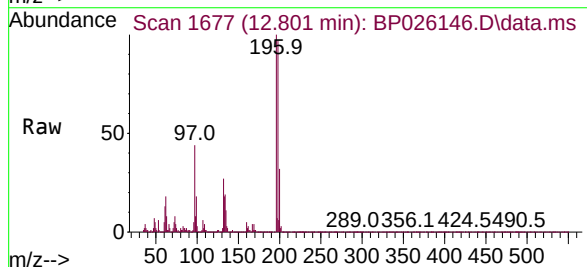
Manual Integrations
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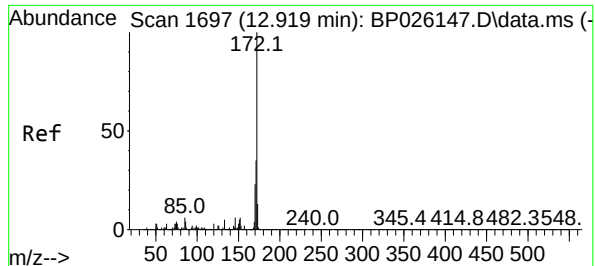
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#44
2,4,5-Trichlorophenol
Concen: 22.897 ng
RT: 12.801 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:196 Resp: 390063
Ion Ratio Lower Upper
196 100
198 96.9 76.4 114.6
97 44.5 35.7 53.5
132 26.8 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 41.935 ng

RT: 12.925 min Scan# 1697

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:172 Resp: 2354273

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

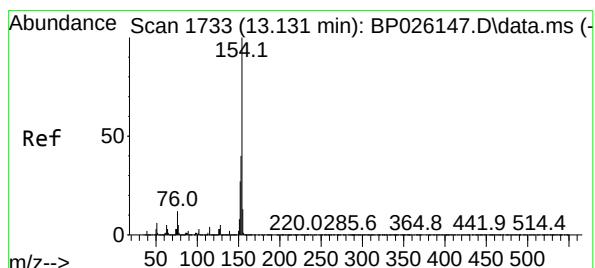
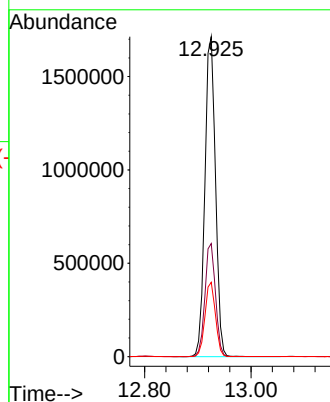
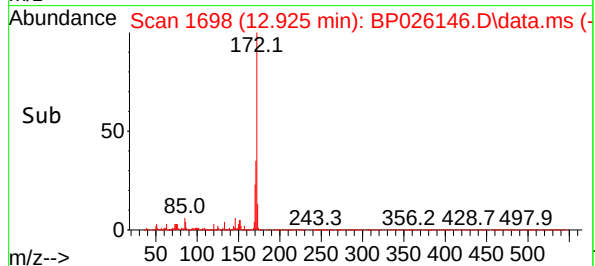
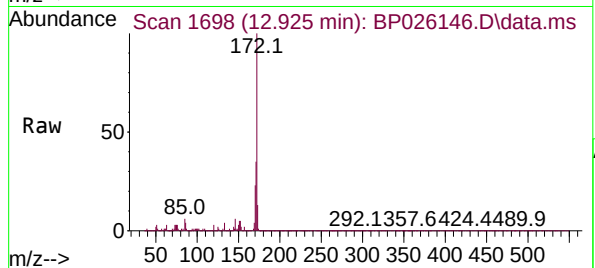
170 23.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#46

1,1'-Biphenyl

Concen: 20.733 ng

RT: 13.137 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

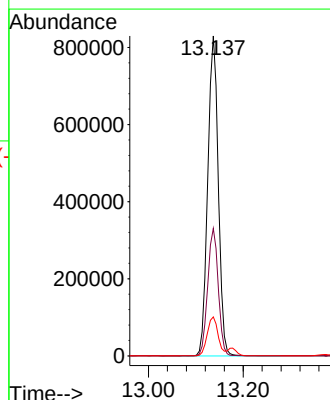
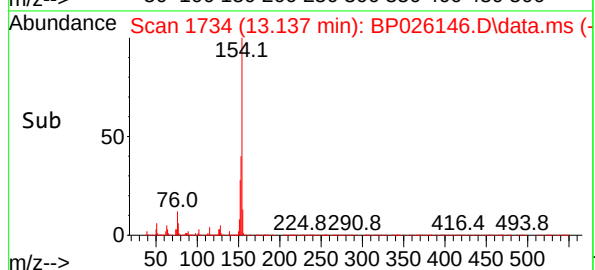
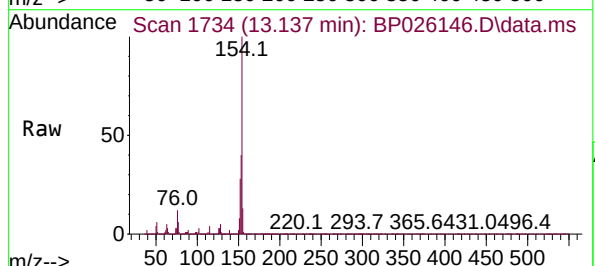
Tgt Ion:154 Resp: 1280167

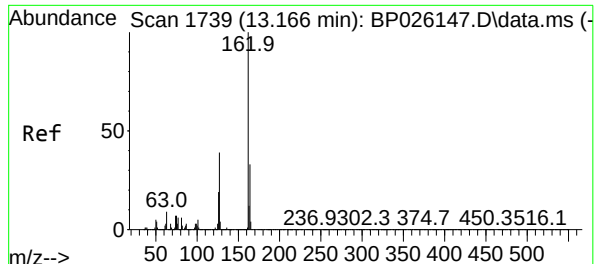
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 12.2 0.0 32.3





#47

2-Chloronaphthalene

Concen: 20.303 ng

RT: 13.178 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:162 Resp: 985563

Ion Ratio Lower Upper

162 100

127 37.7 30.9 46.3

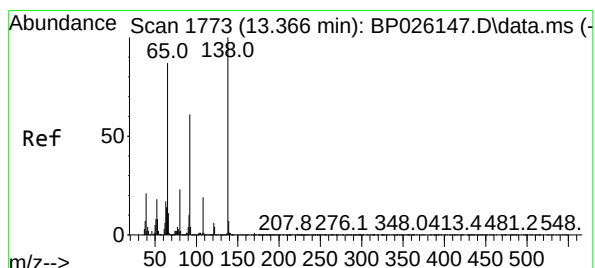
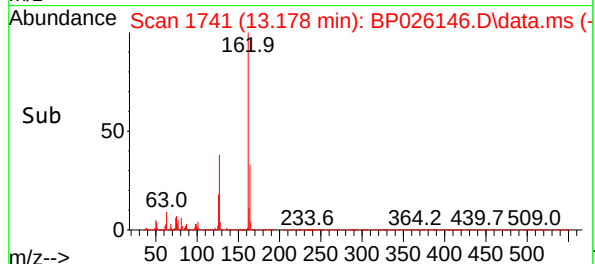
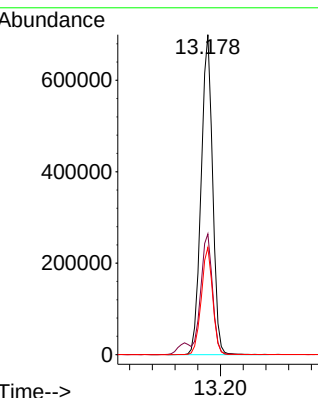
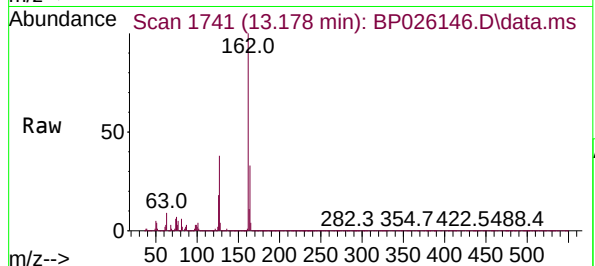
164 33.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#48

2-Nitroaniline

Concen: 25.032 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

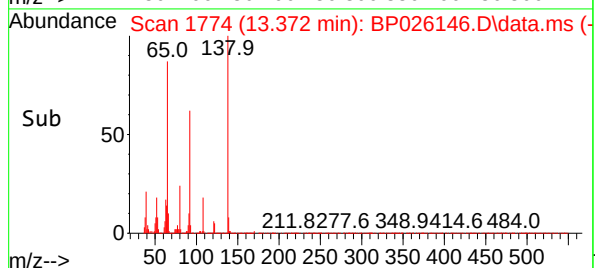
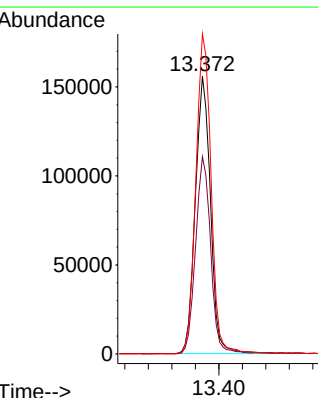
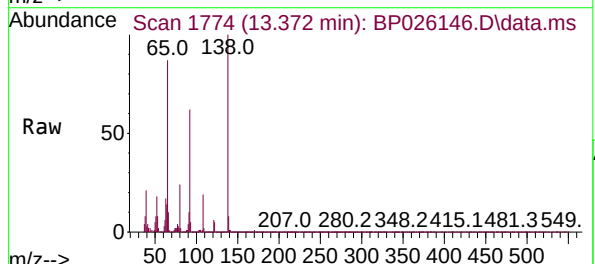
Tgt Ion: 65 Resp: 279508

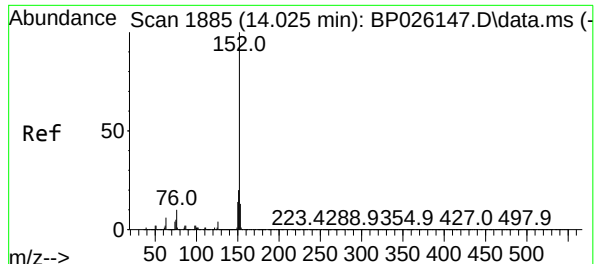
Ion Ratio Lower Upper

65 100

92 71.0 59.1 88.7

138 115.2 96.6 145.0





#49

Acenaphthylene

Concen: 23.158 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 1661599

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

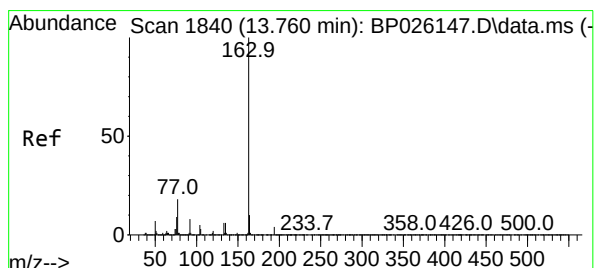
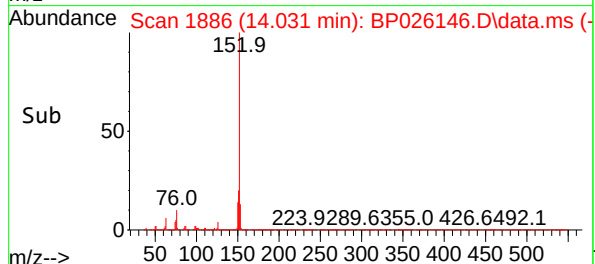
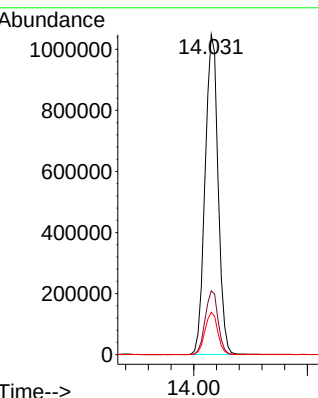
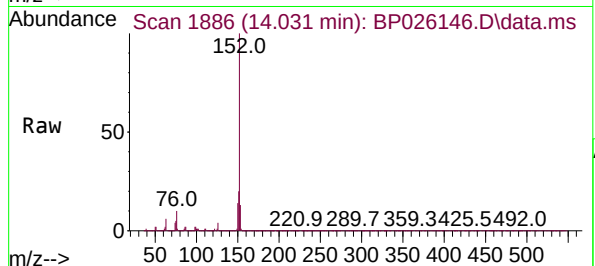
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

Concen: 21.720 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

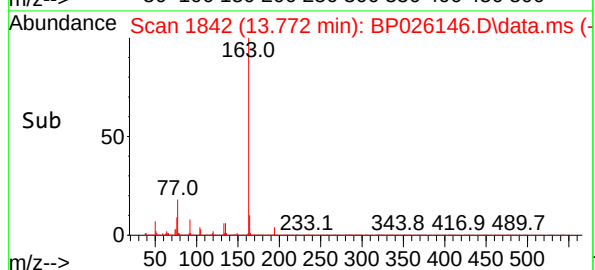
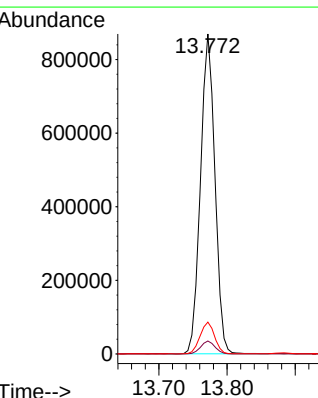
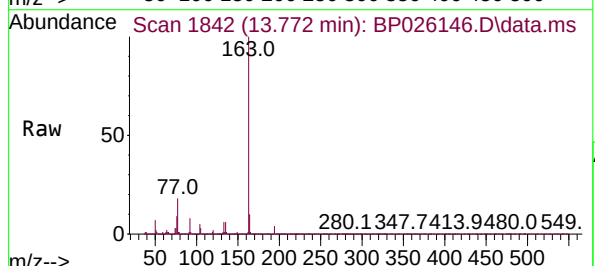
Tgt Ion:163 Resp: 1274006

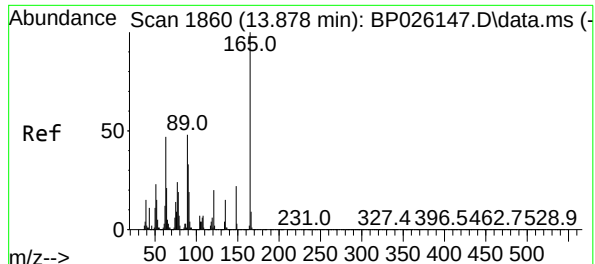
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

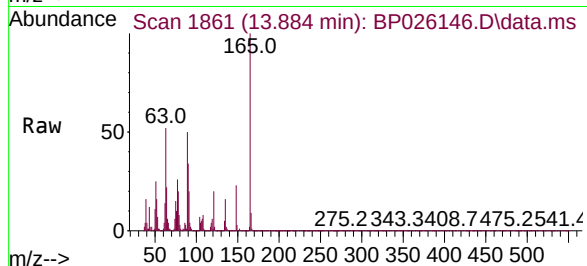
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 25.482 ng
RT: 13.884 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

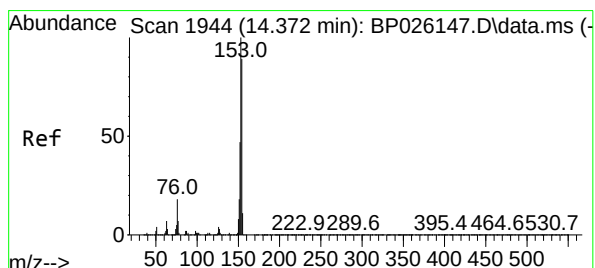
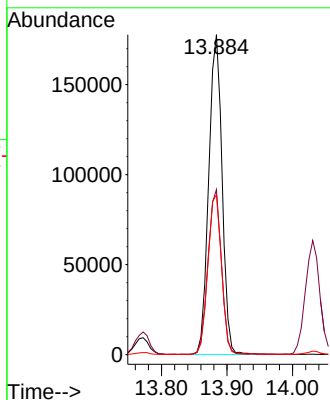
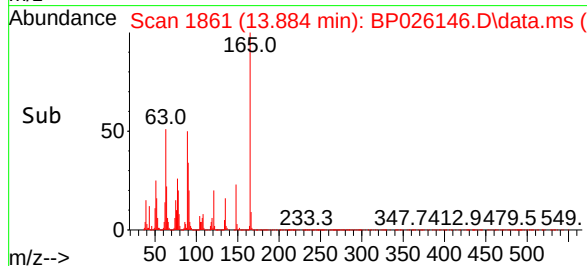
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 25127
Ion Ratio Lower Upper
165 100
63 51.6 40.5 60.7
89 50.0 41.3 61.9

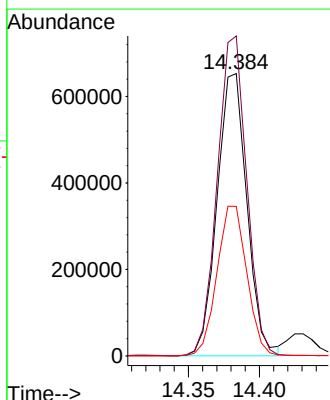
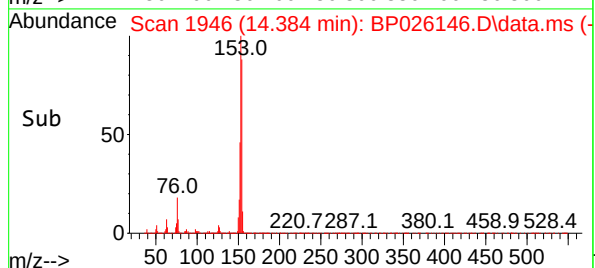
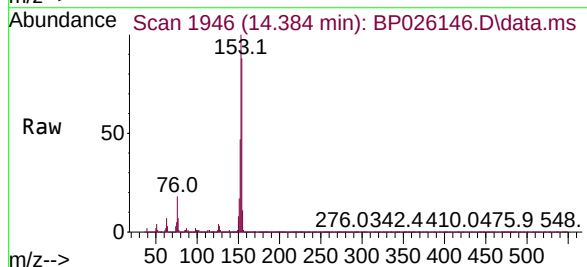
Manual Integrations
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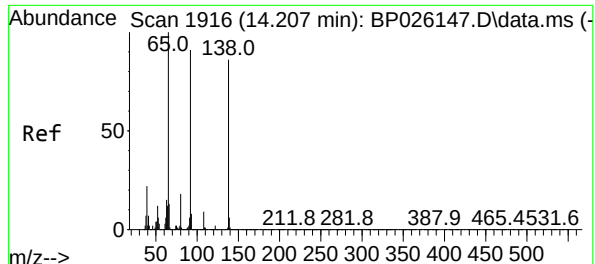
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 19.901 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

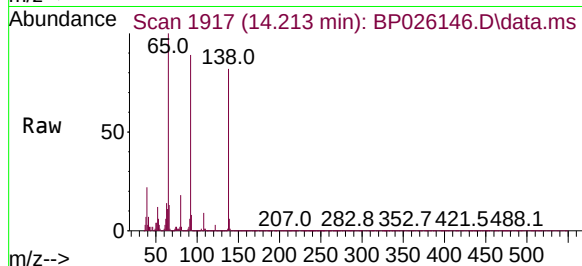
Tgt Ion:154 Resp: 955446
Ion Ratio Lower Upper
154 100
153 113.3 90.7 136.1
152 53.0 42.8 64.2





#53
3-Nitroaniline
Concen: 24.958 ng
RT: 14.213 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

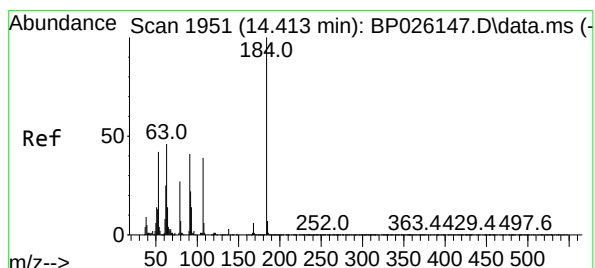
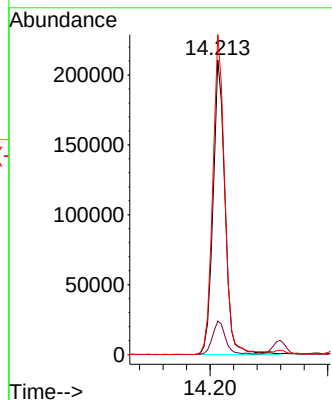
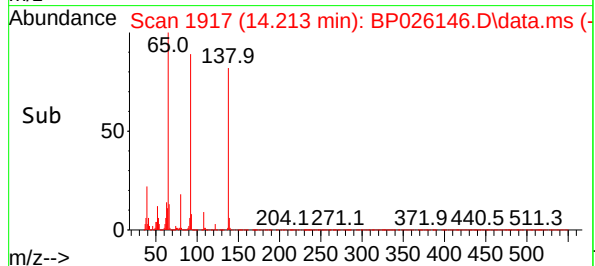
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 297736
Ion Ratio Lower Upper
138 100
108 11.4 8.9 13.3
92 108.6 86.3 129.5

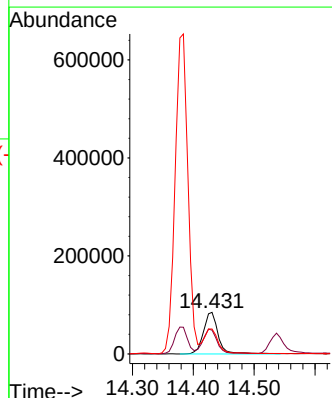
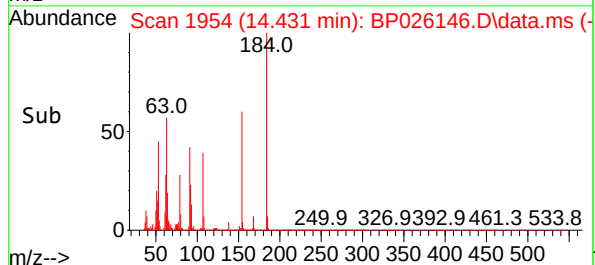
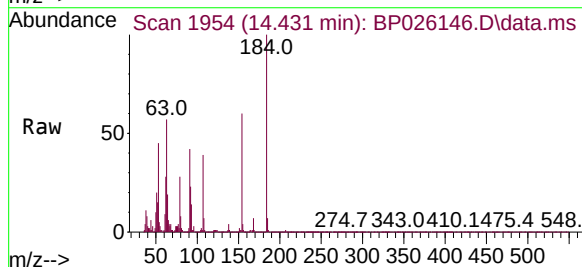
Manual Integrations
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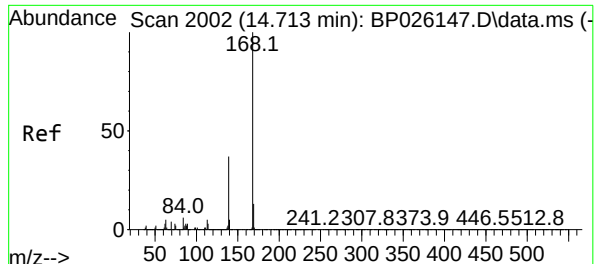
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 31.181 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:184 Resp: 141102
Ion Ratio Lower Upper
184 100
63 57.2 43.1 64.7
154 59.9 49.5 74.3





#55

Dibenzenofuran

Concen: 20.834 ng

RT: 14.719 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 1523244

Ion Ratio Lower Upper

168 100

139 36.3 29.8 44.6

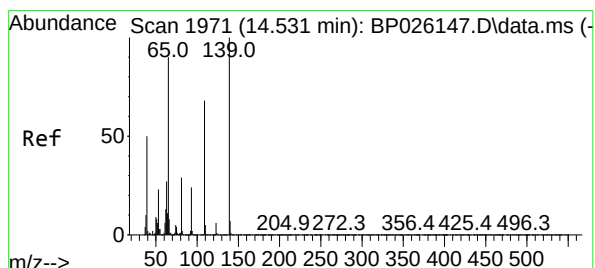
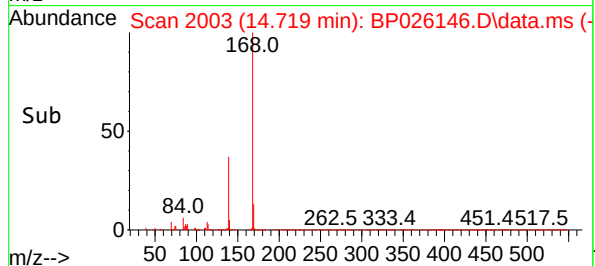
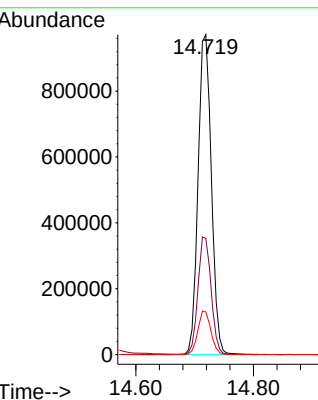
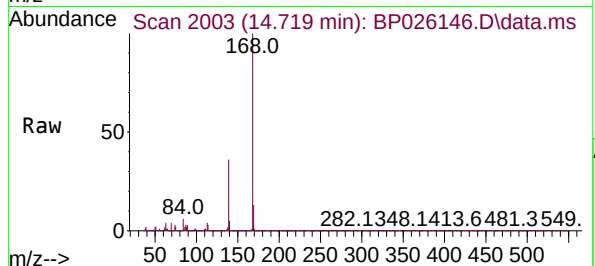
169 13.3 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 22.578 ng

RT: 14.537 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

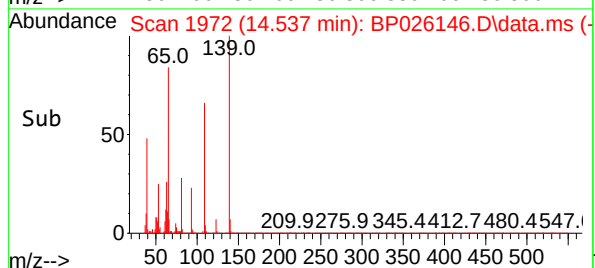
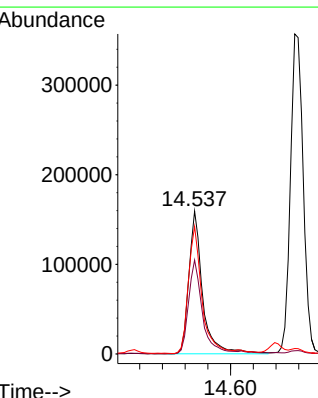
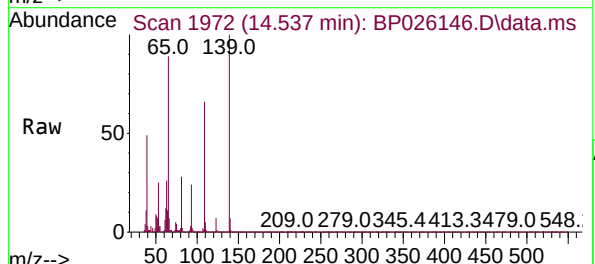
Tgt Ion:139 Resp: 268085

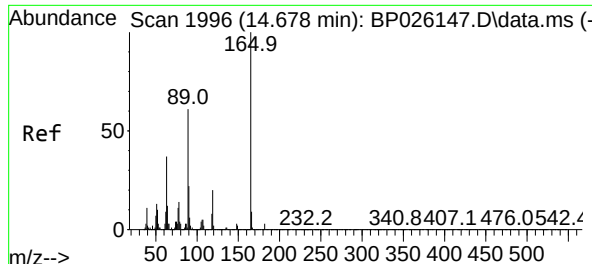
Ion Ratio Lower Upper

139 100

109 65.8 46.8 86.8

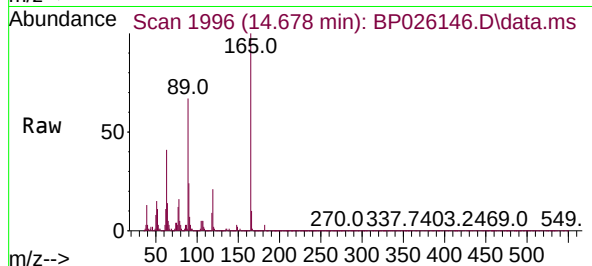
65 89.3 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 26.418 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

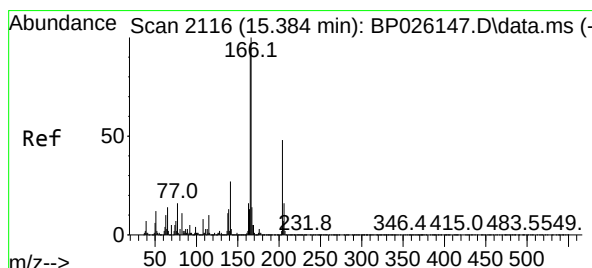
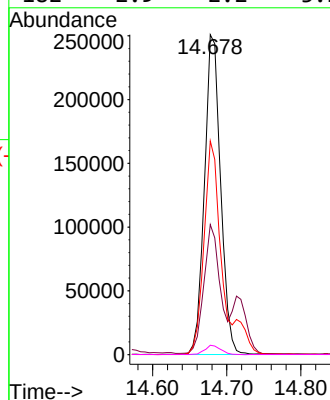
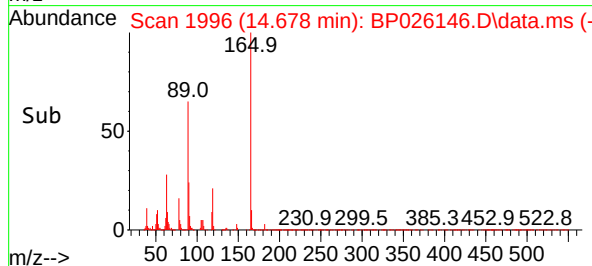
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 380156
Ion Ratio Lower Upper
165 100
63 40.6 31.0 46.6
89 66.8 51.7 77.5
182 2.9 2.2 3.2

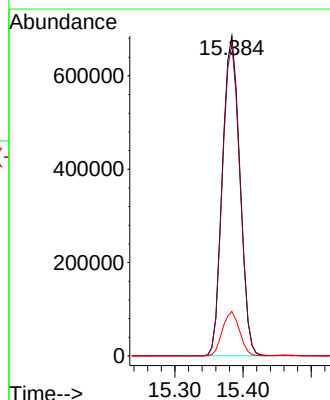
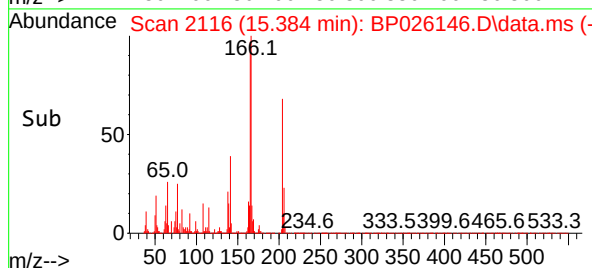
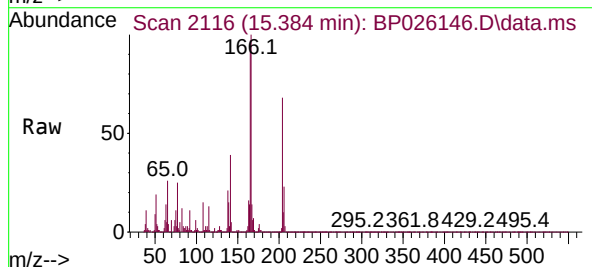
Manual Integrations
APPROVED

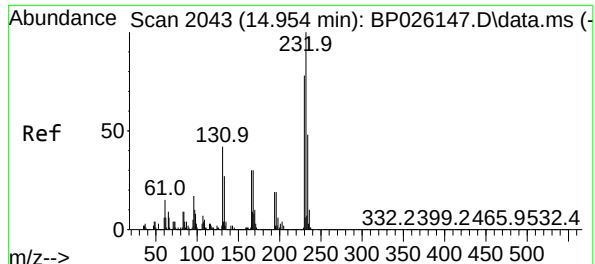
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 21.155 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:166 Resp: 1215204
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 13.9 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 24.574 ng

RT: 14.948 min Scan# 2042

Delta R.T. -0.012 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 331539

Ion Ratio Lower Upper

232 100

131 43.2 34.8 52.2

130 2.2 1.8 2.8

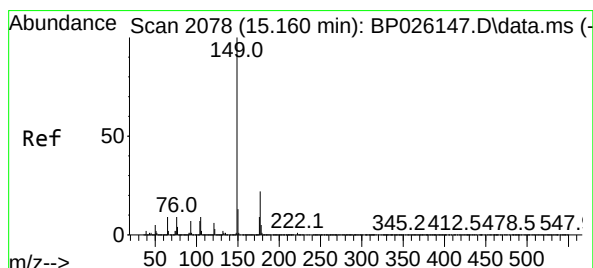
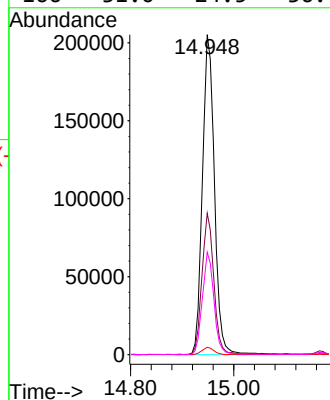
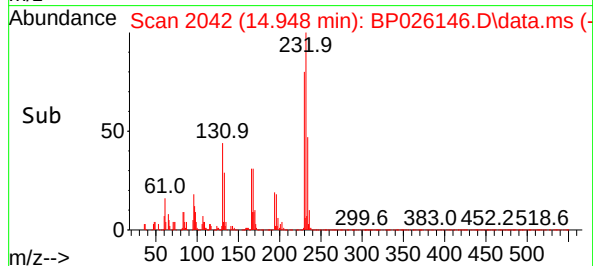
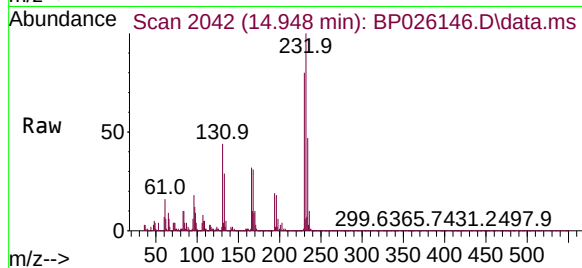
166 31.0 24.5 36.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#60

Diethylphthalate

Concen: 21.853 ng

RT: 15.166 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

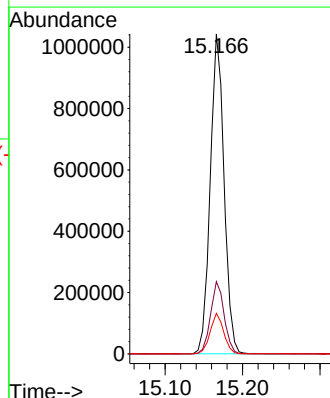
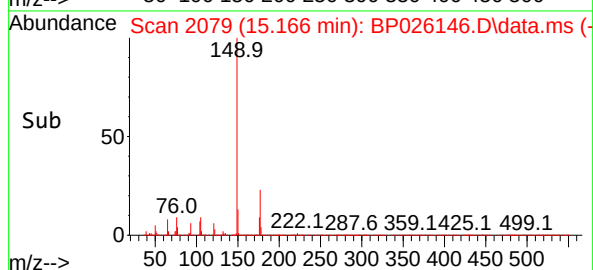
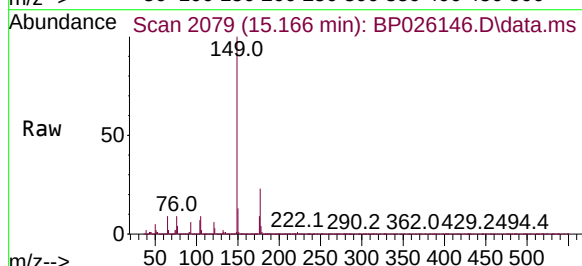
Tgt Ion:149 Resp: 1289507

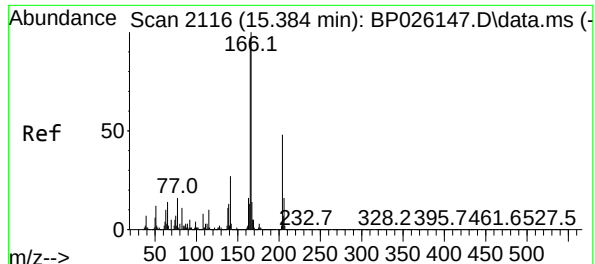
Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

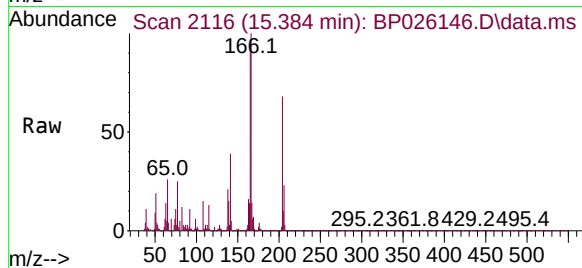
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 20.967 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

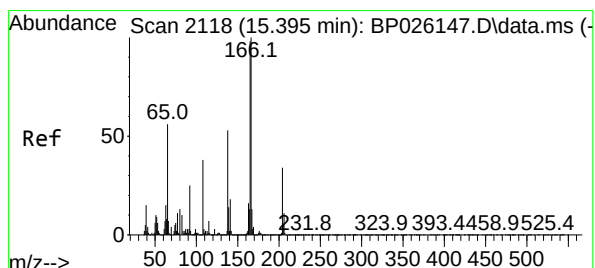
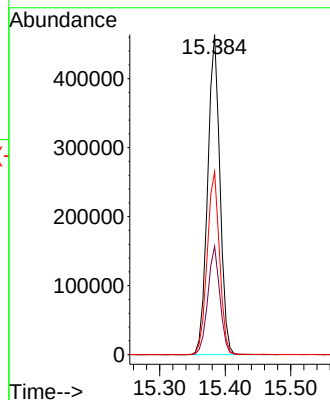
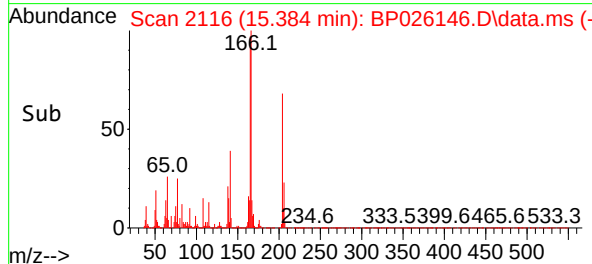
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 204 Resp: 600360
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 57.1 48.1 72.1

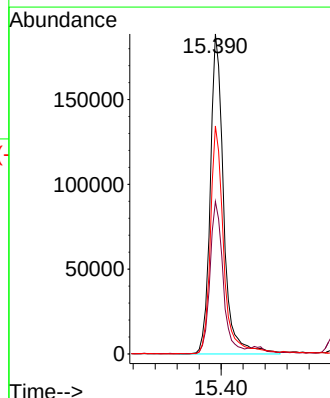
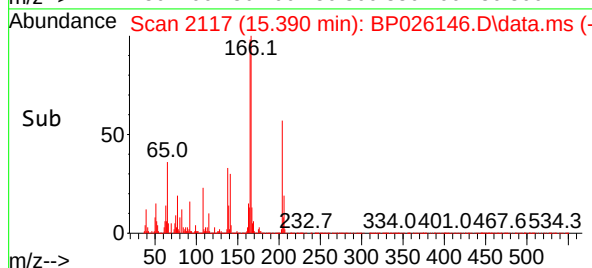
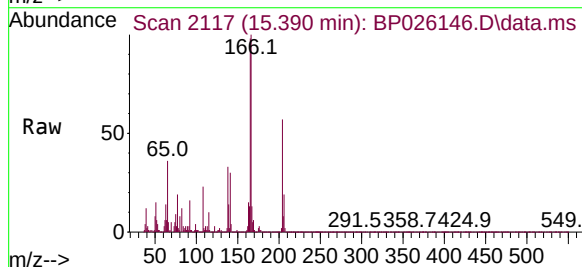
Manual Integrations
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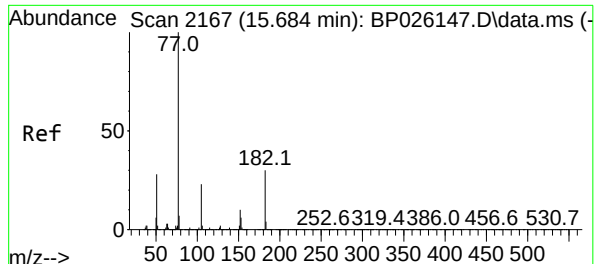
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 25.224 ng
RT: 15.390 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

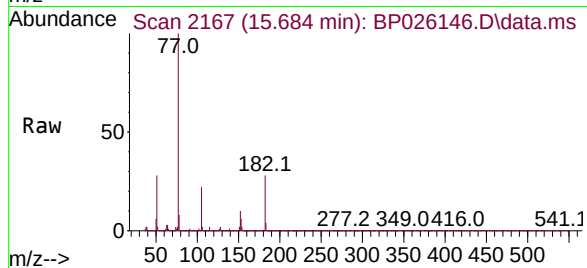
Tgt Ion: 138 Resp: 319109
Ion Ratio Lower Upper
138 100
92 47.6 27.5 67.5
108 71.2 51.1 91.1





#63
Azobenzene
Concen: 20.545 ng
RT: 15.684 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

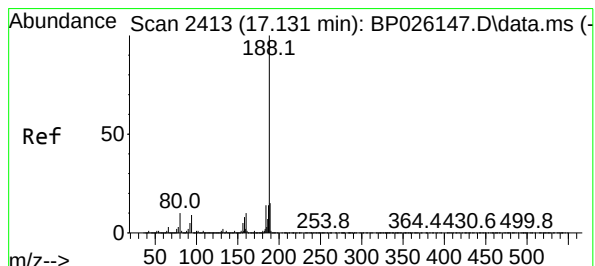
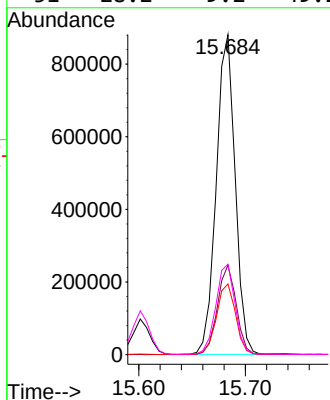
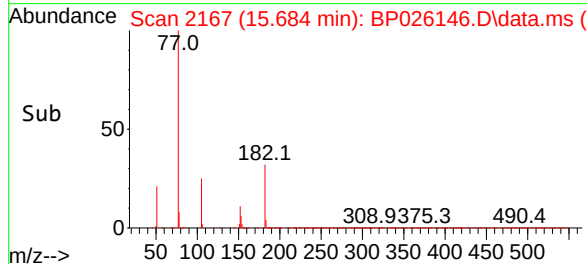
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 108996
Ion Ratio Lower Upper
77 100
182 28.0 8.8 48.8
105 22.1 2.6 42.6
51 28.2 9.2 49.2

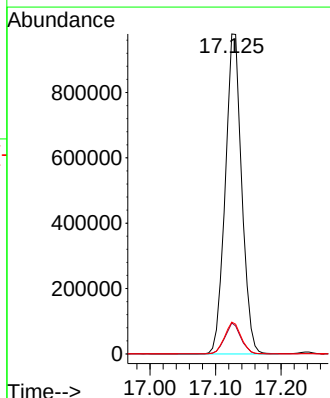
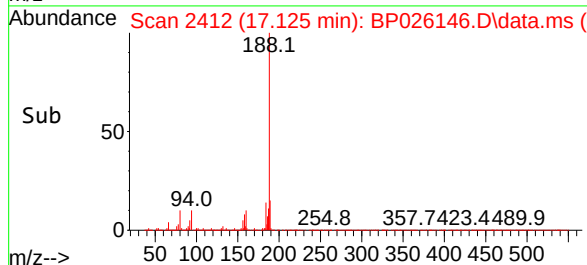
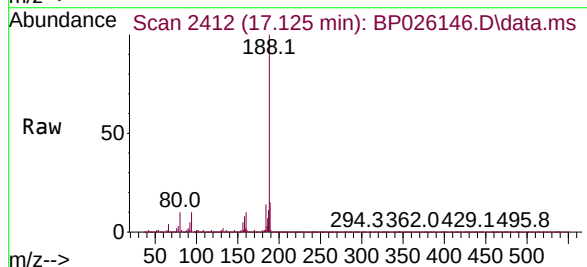
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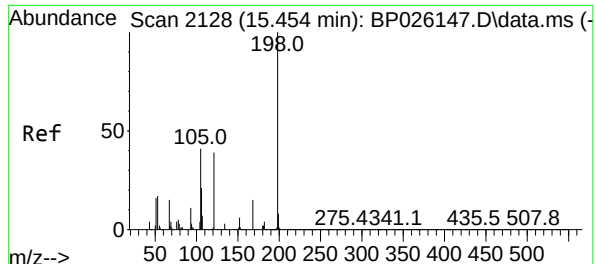
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

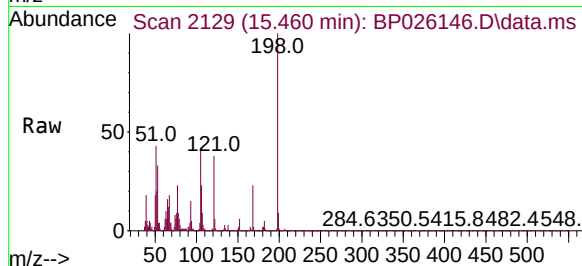
Tgt Ion:188 Resp: 1709036
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 9.9 8.2 12.2





#65
4,6-Dinitro-2-methylphenol
Concen: 28.706 ng
RT: 15.460 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

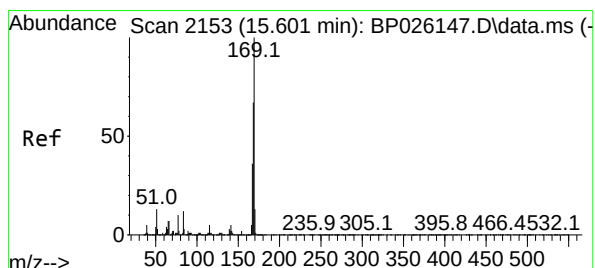
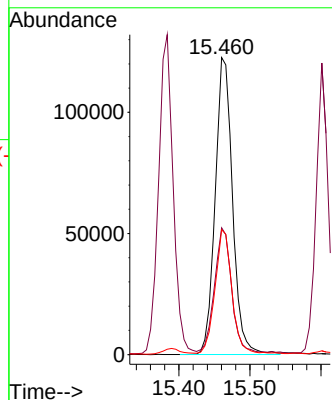
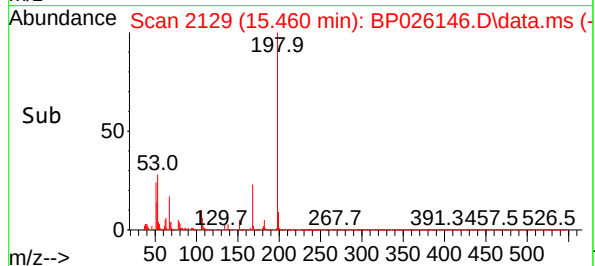
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion:198 Resp: 209402
Ion Ratio Lower Upper
198 100
51 42.7 18.4 58.4
105 42.1 18.5 58.5

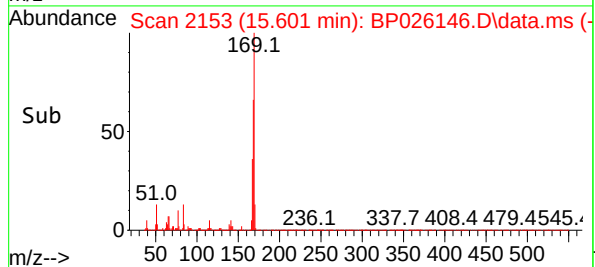
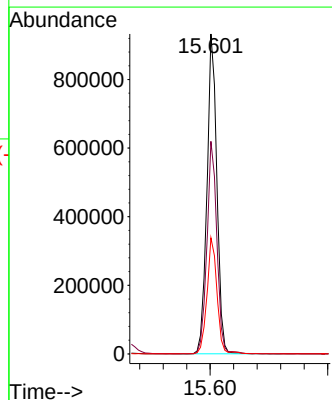
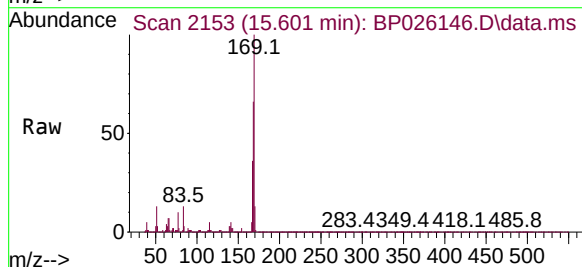
Manual Integrations
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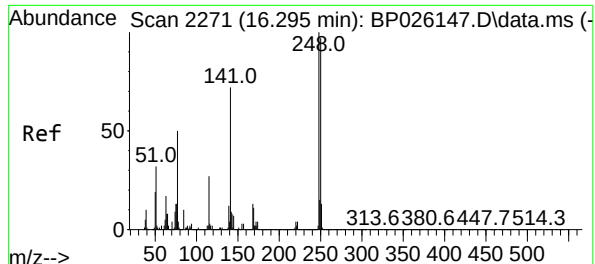
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#66
n-Nitrosodiphenylamine
Concen: 20.565 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:169 Resp: 1094982
Ion Ratio Lower Upper
169 100
168 66.4 53.1 79.7
167 36.3 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 20.120 ng

RT: 16.301 min Scan# 2271

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

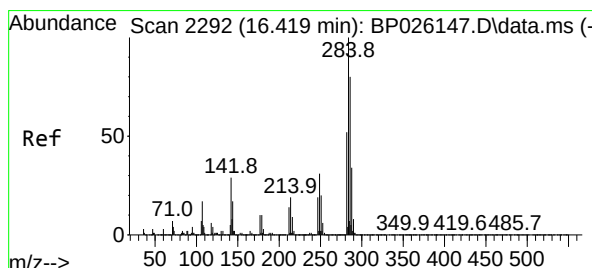
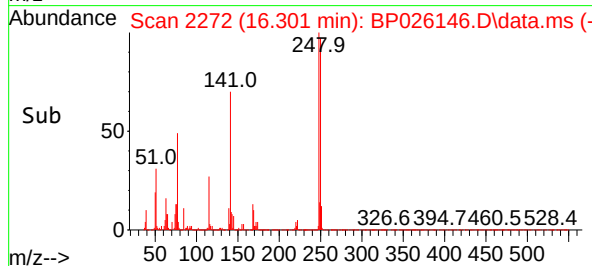
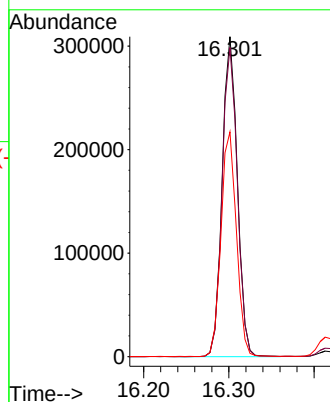
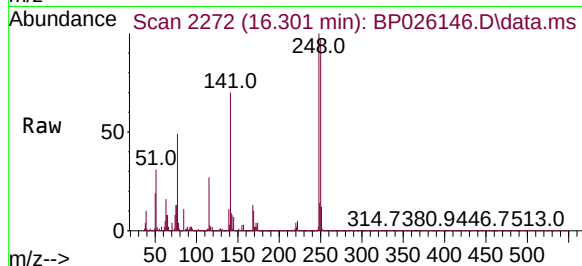
SSTDICC020

Tgt Ion:248	Resp: 381732
Ion Ratio	Lower Upper
248 100	
250 96.6	77.8 116.6
141 70.2	55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68

Hexachlorobenzene

Concen: 20.559 ng

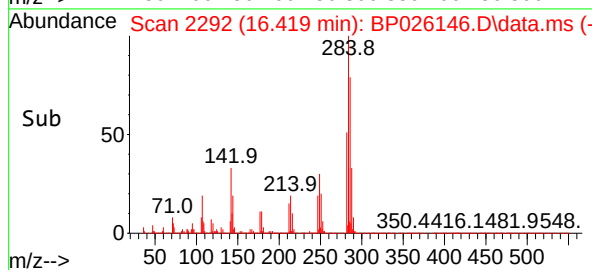
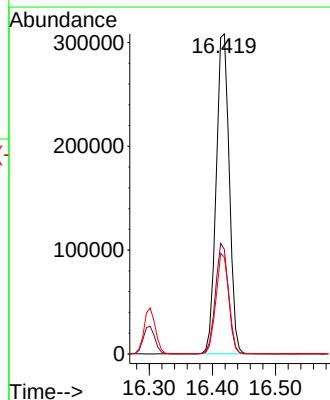
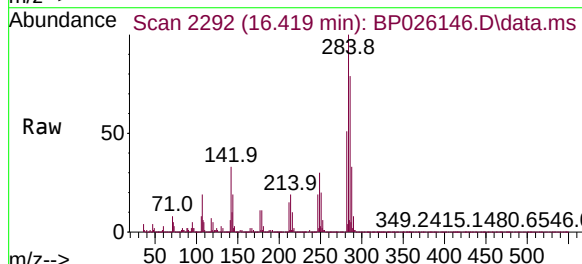
RT: 16.419 min Scan# 2292

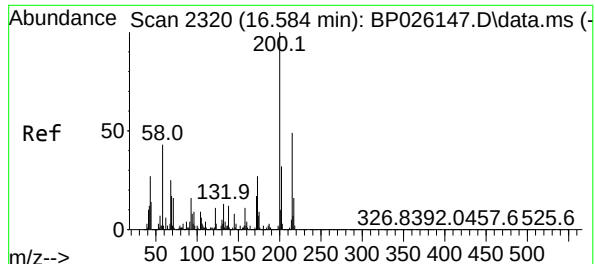
Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Tgt Ion:284	Resp: 443742
Ion Ratio	Lower Upper
284 100	
142 32.6	28.0 42.0
249 30.2	25.0 37.4





#69

Atrazine

Concen: 23.144 ng

RT: 16.589 min Scan# 2321

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDIC020

Tgt Ion:200 Resp: 422452

Ion Ratio Lower Upper

200 100

173 26.1 6.7 46.7

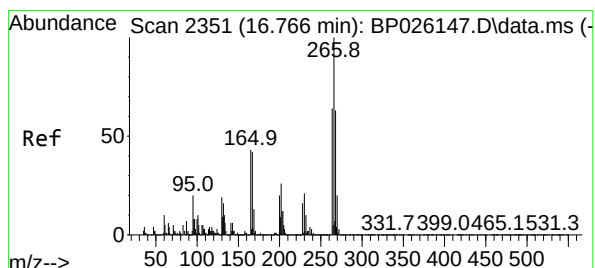
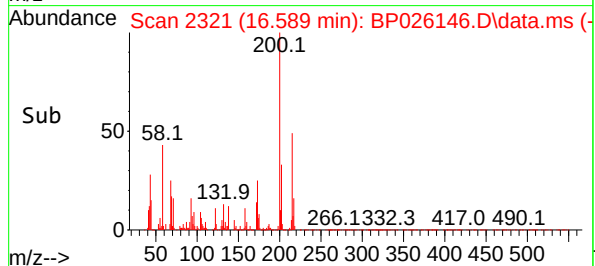
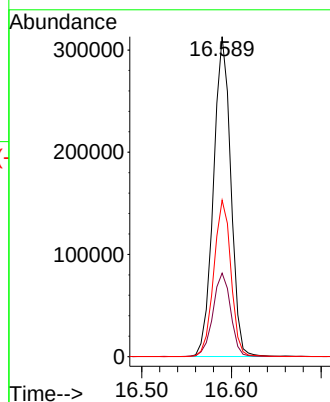
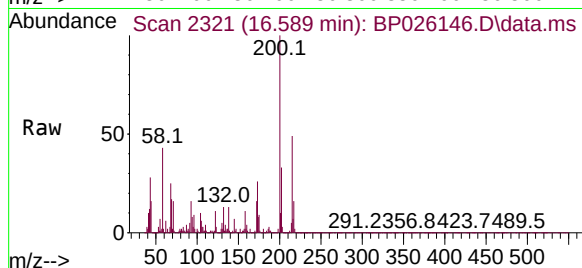
215 48.9 27.4 67.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#70

Pentachlorophenol

Concen: 22.793 ng

RT: 16.772 min Scan# 2352

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

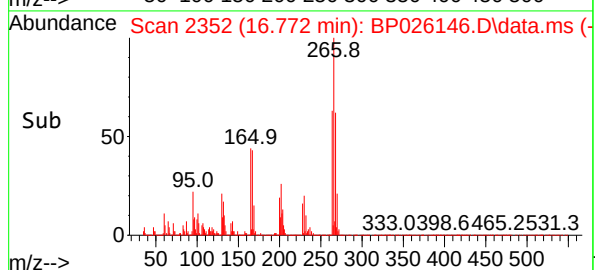
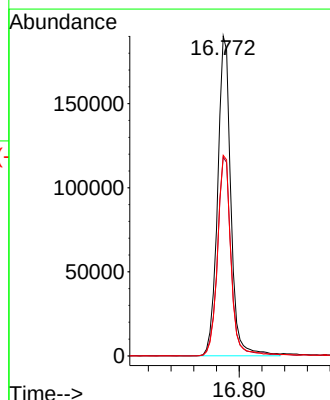
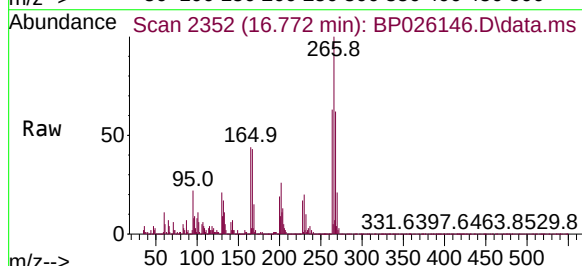
Tgt Ion:266 Resp: 306483

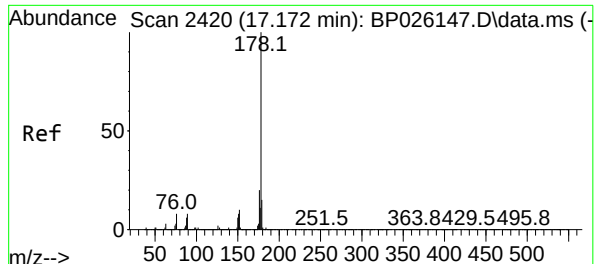
Ion Ratio Lower Upper

266 100

268 62.1 51.0 76.4

264 62.7 50.2 75.2





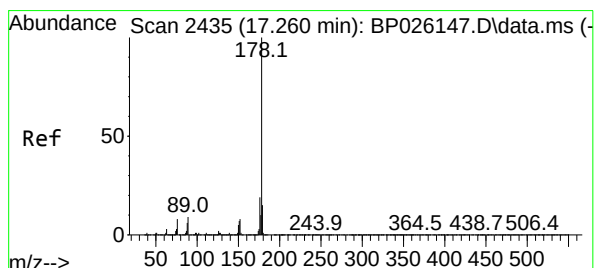
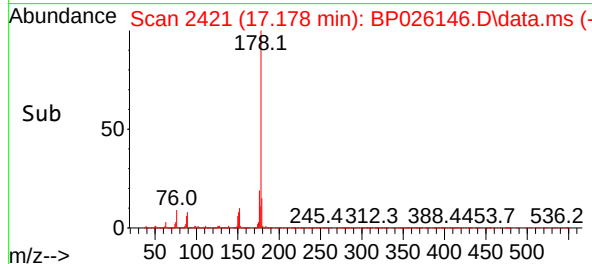
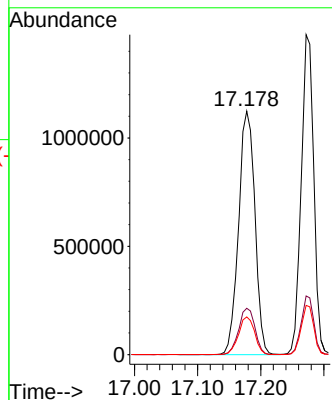
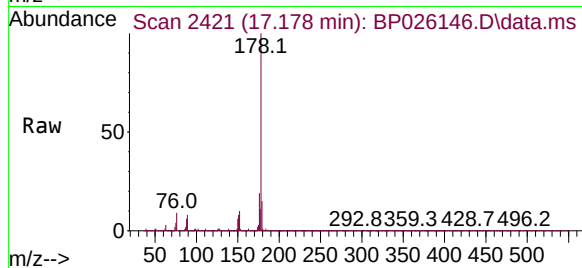
#71
Phenanthrene
Concen: 20.401 ng
RT: 17.178 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 2014344
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.5 12.4 18.6

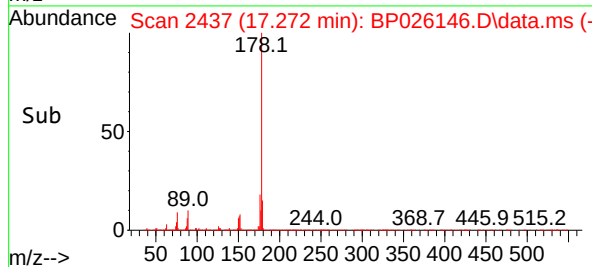
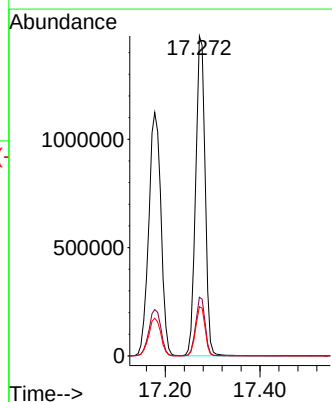
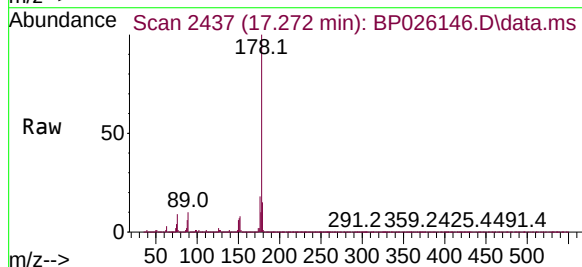
Manual Integrations
APPROVED

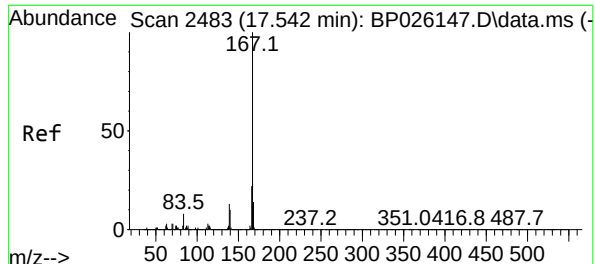
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 20.778 ng
RT: 17.272 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

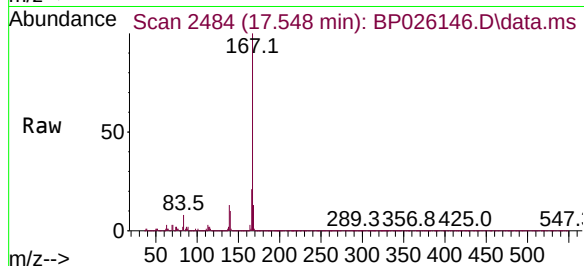
Tgt Ion:178 Resp: 2046874
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.4 12.2 18.4





#73
Carbazole
Concen: 21.216 ng
RT: 17.548 min Scan# 2484
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

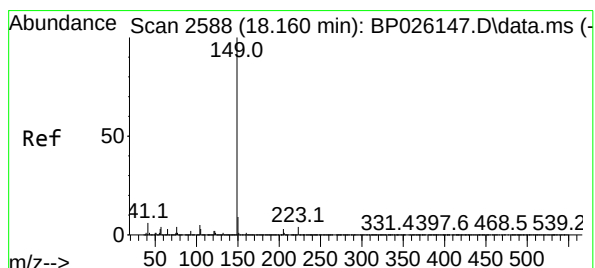
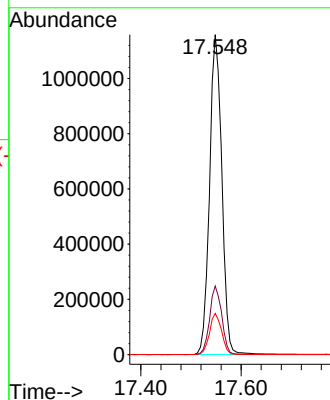
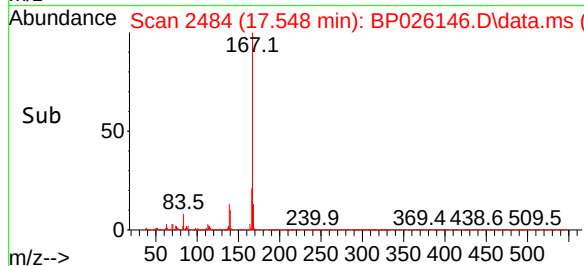
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



Tgt Ion:167 Resp: 1966833
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.9 10.2 15.4

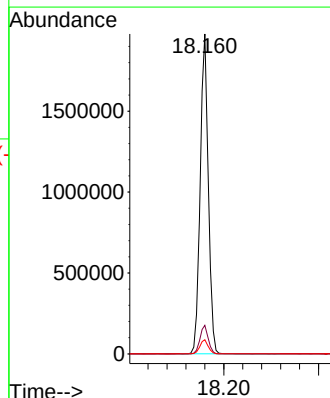
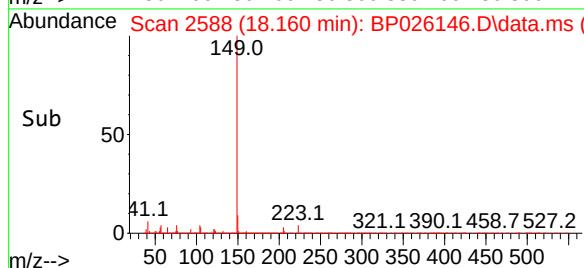
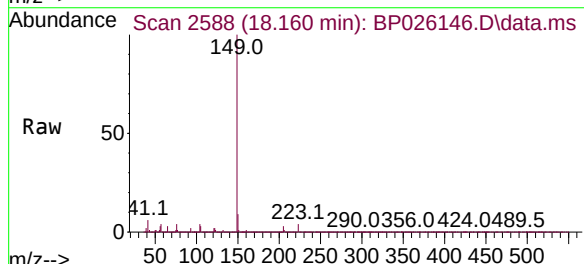
Manual Integrations
APPROVED

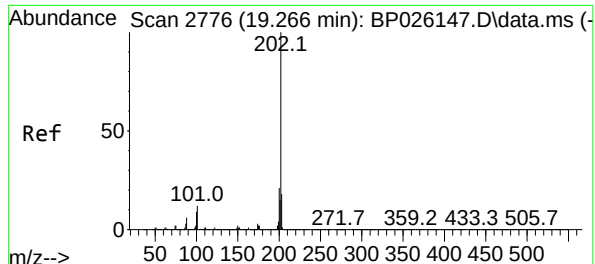
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#74
Di-n-butylphthalate
Concen: 22.368 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

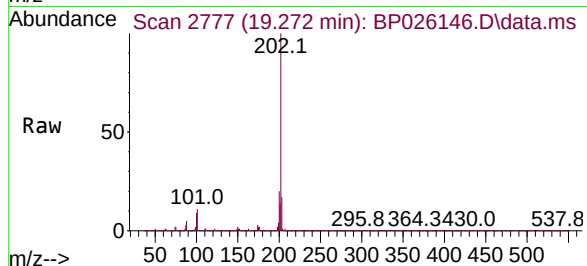
Tgt Ion:149 Resp: 2344972
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 21.452 ng
RT: 19.272 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

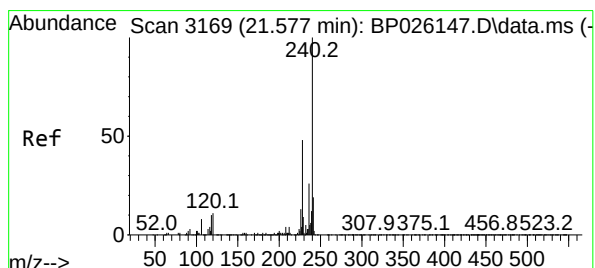
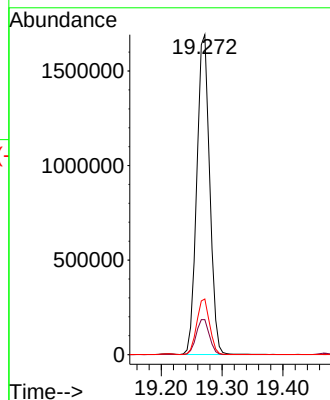
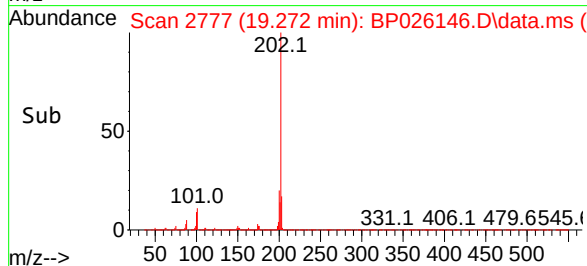
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 248205
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.2
203 17.4 0.0 37.7

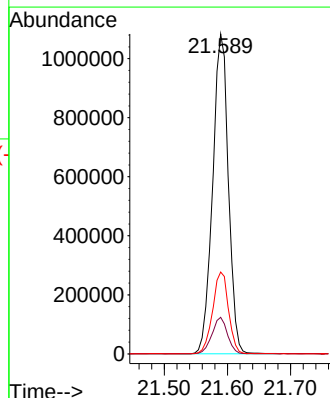
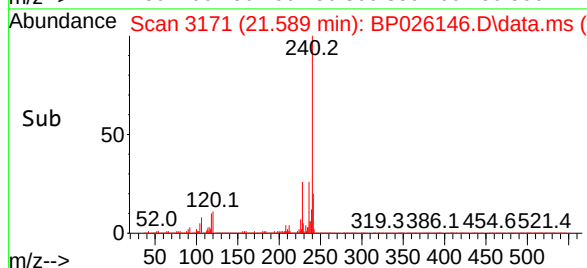
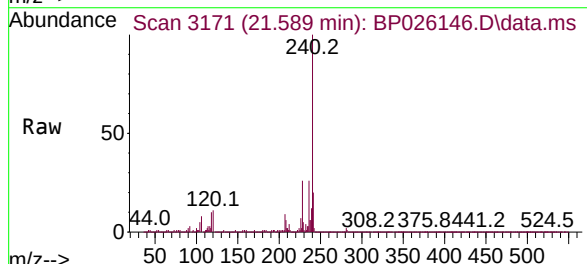
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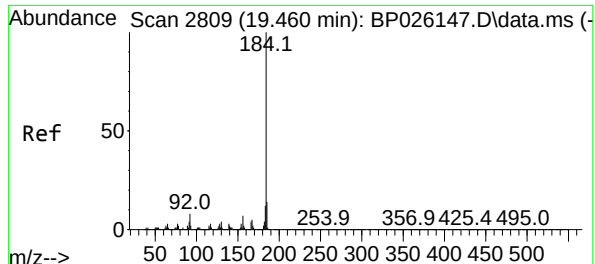
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion:240 Resp: 1880769
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 25.6 20.4 30.6





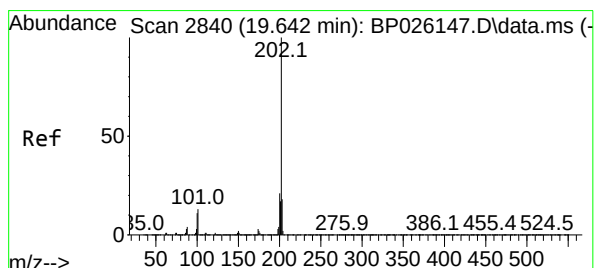
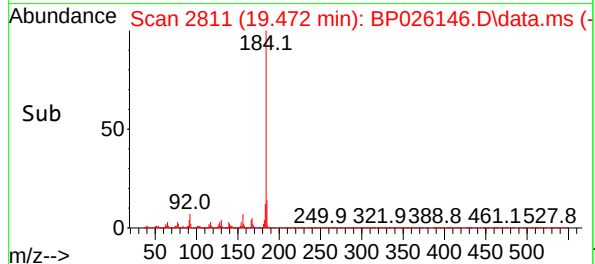
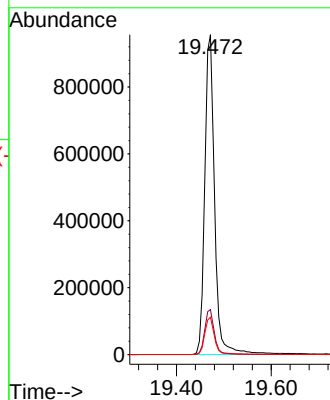
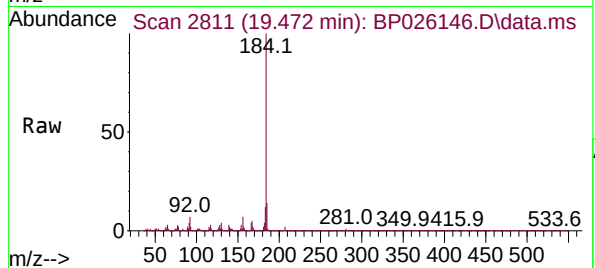
#77
Benzidine
Concen: 27.923 ng
RT: 19.472 min Scan# 2811
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 1379032
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.7 9.0 13.6

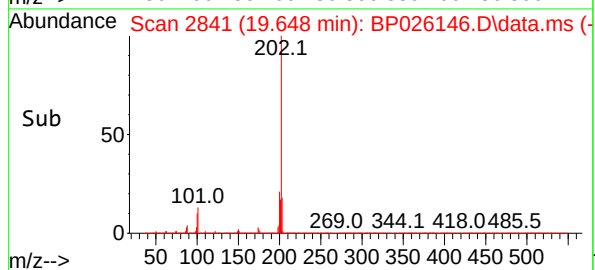
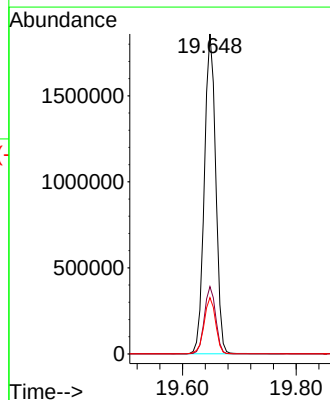
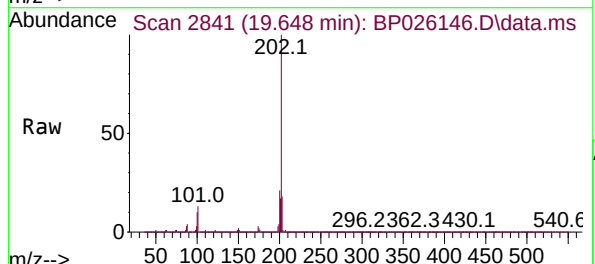
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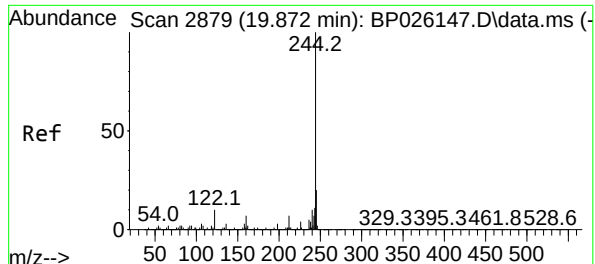
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 20.591 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

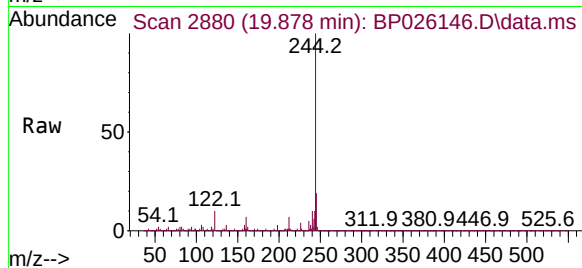
Tgt Ion:202 Resp: 2586291
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.6 13.8 20.8





#79
Terphenyl-d14
Concen: 43.268 ng
RT: 19.878 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

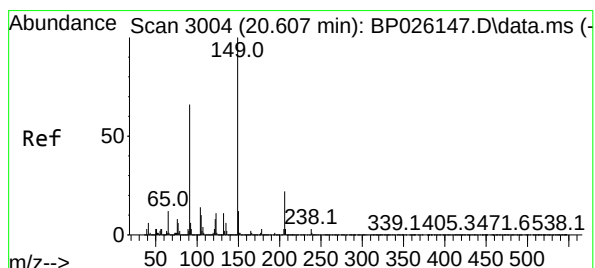
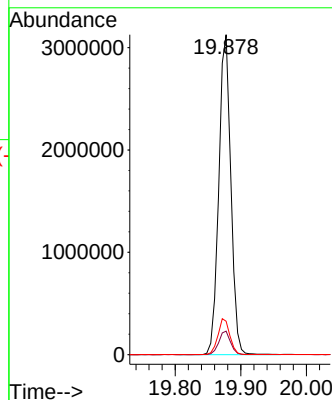
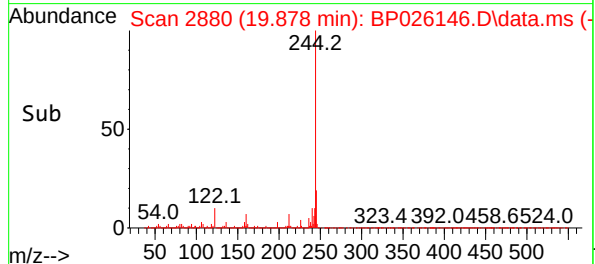
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



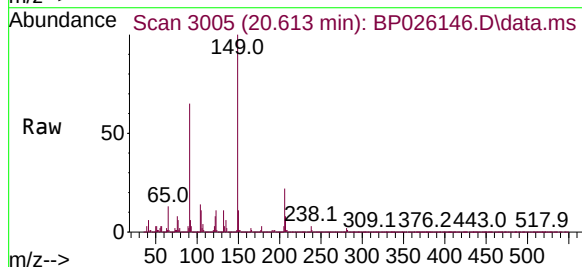
Tgt Ion:244 Resp: 3990615
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.4 8.2 12.2

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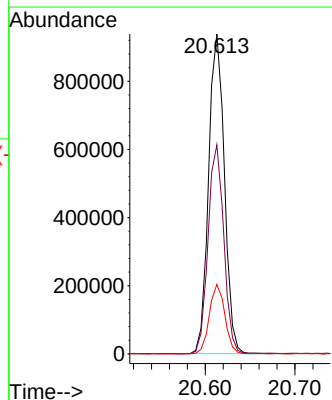
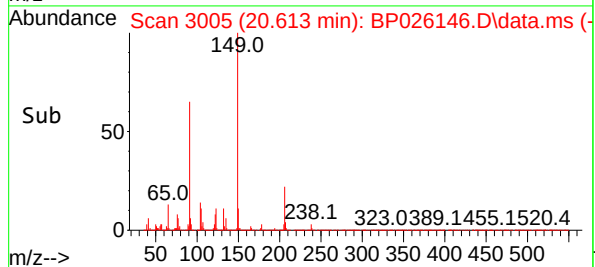
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

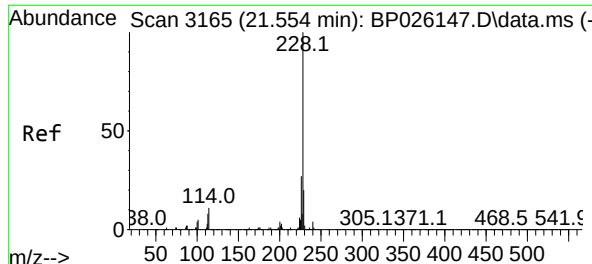


#80
Butylbenzylphthalate
Concen: 27.342 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



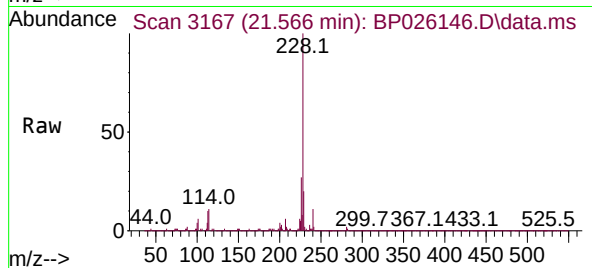
Tgt Ion:149 Resp: 1151348
Ion Ratio Lower Upper
149 100
91 65.3 52.6 79.0
206 21.7 16.9 25.3





#81
Benzo(a)anthracene
Concen: 21.043 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

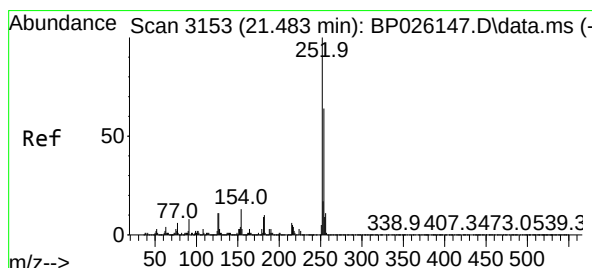
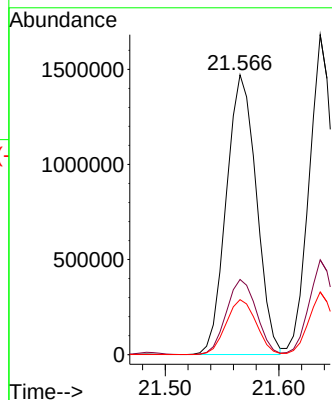
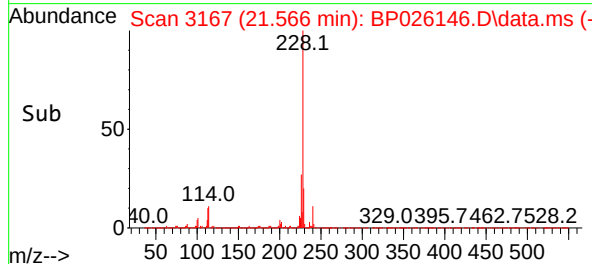
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



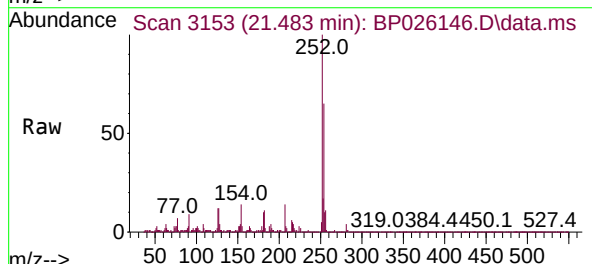
Tgt Ion:228 Resp: 2702573
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.6 15.9 23.9

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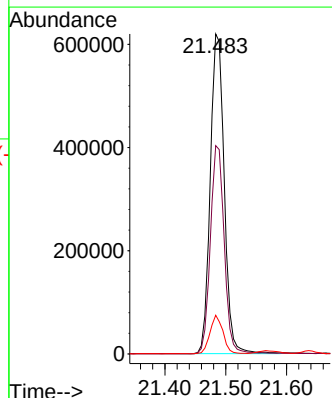
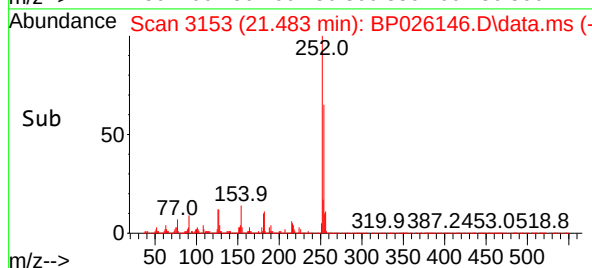
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

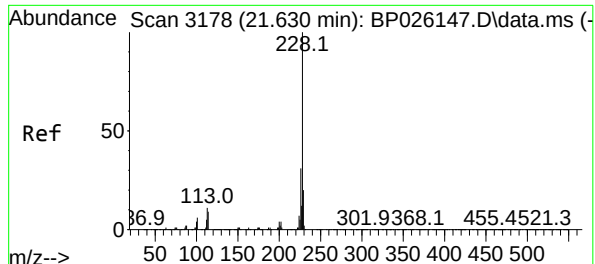


#82
3,3'-Dichlorobenzidine
Concen: 23.394 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



Tgt Ion:252 Resp: 989512
Ion Ratio Lower Upper
252 100
254 65.1 51.2 76.8
126 12.1 8.2 12.4





#83

Chrysene

Concen: 20.723 ng

RT: 21.636 min Scan# 3178

Delta R.T. 0.018 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 252276

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

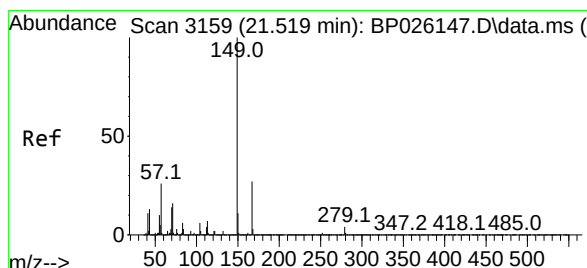
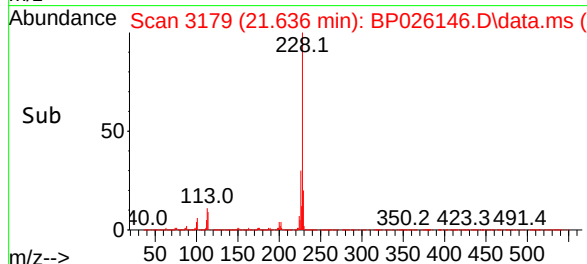
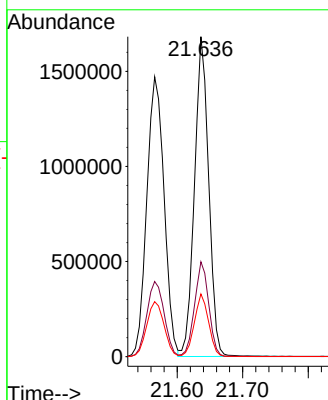
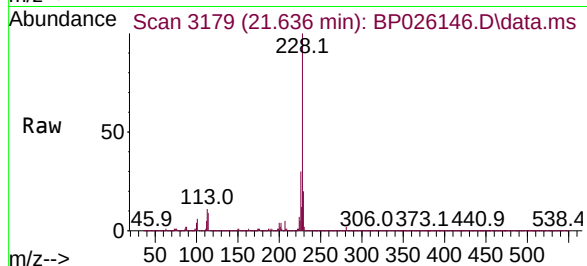
229 19.6 15.9 23.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 25.069 ng

RT: 21.530 min Scan# 3161

Delta R.T. 0.012 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

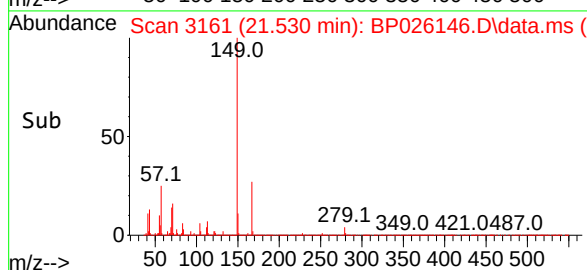
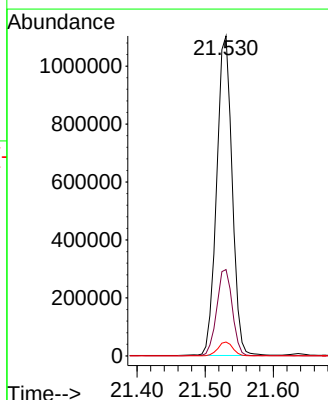
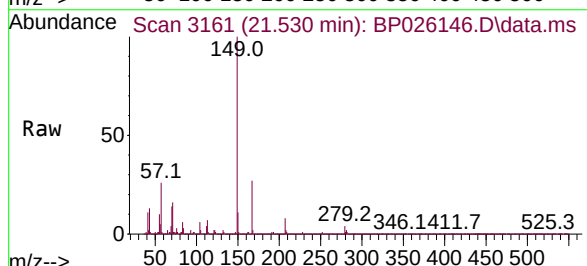
Tgt Ion:149 Resp: 1726261

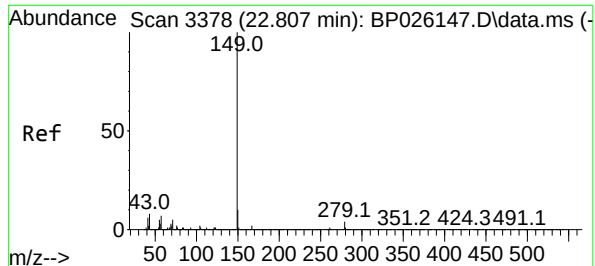
Ion Ratio Lower Upper

149 100

167 27.0 22.1 33.1

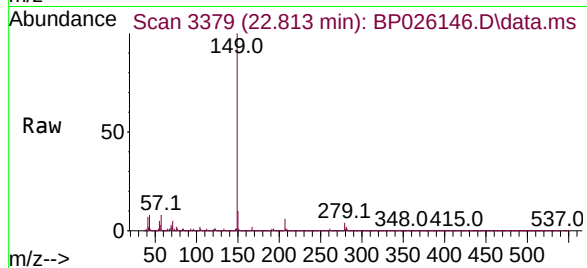
279 4.3 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 25.198 ng
RT: 22.813 min Scan# 3378
Delta R.T. 0.006 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

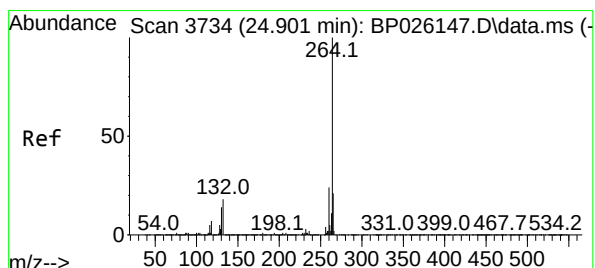
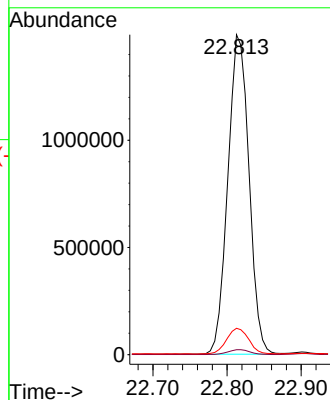
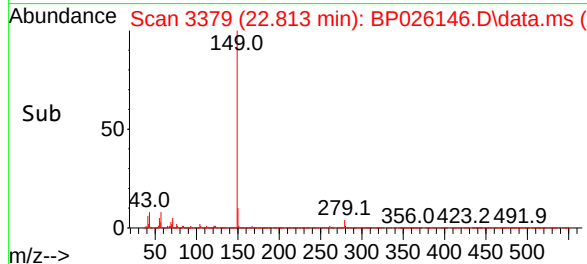
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



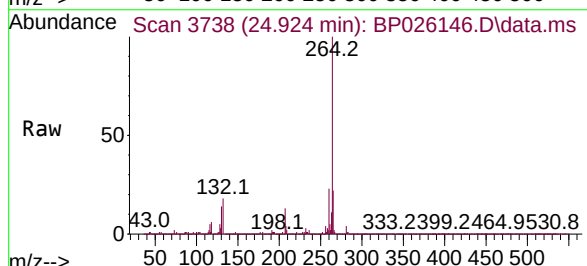
Tgt Ion:149 Resp: 2956568
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.3 6.6 10.0

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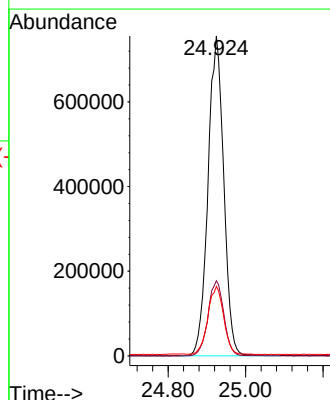
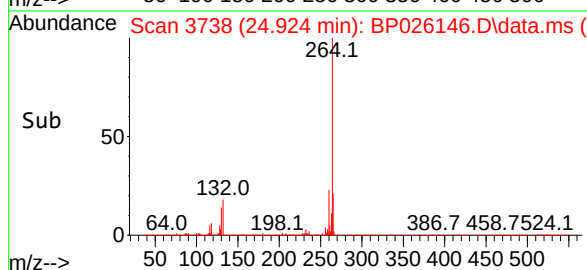
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

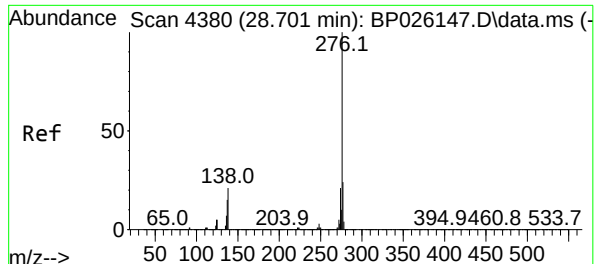


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35



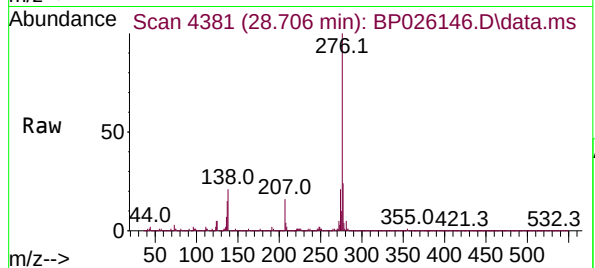
Tgt Ion:264 Resp: 2127701
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.7 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 20.969 ng m
RT: 28.706 min Scan# 4380
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

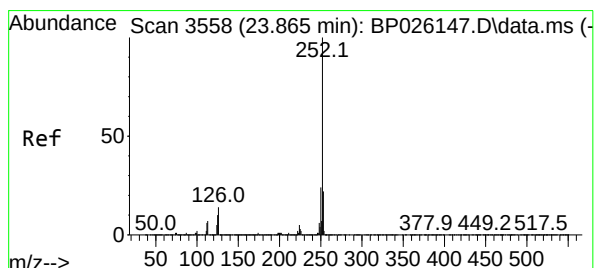
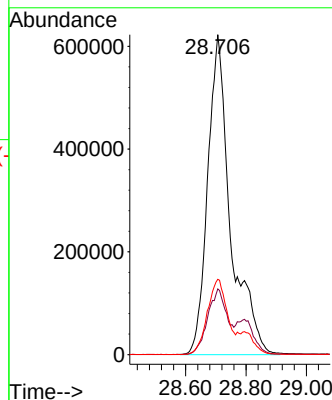
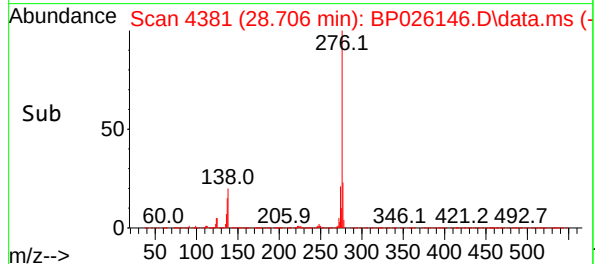
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 276 Resp: 3273296
Ion Ratio Lower Upper
276 100
138 17.7 13.8 20.8
277 20.3 16.7 25.1

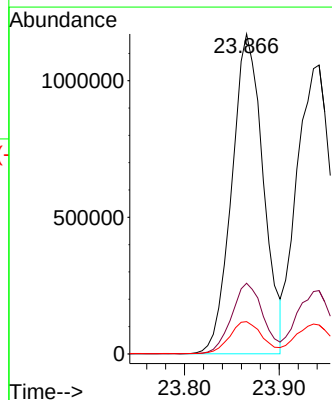
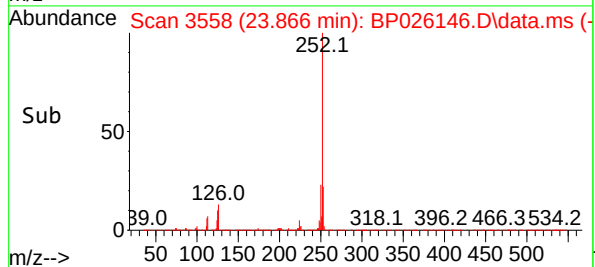
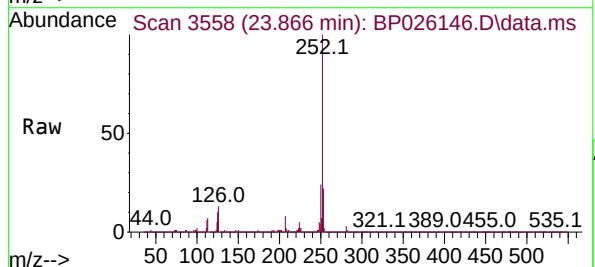
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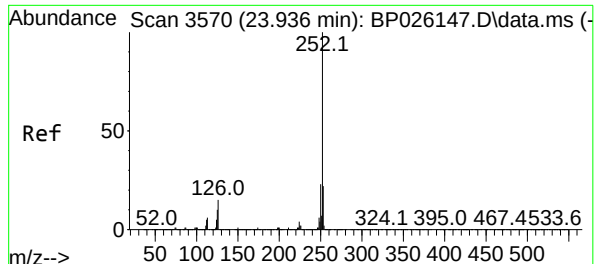
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#88
Benzo(b)fluoranthene
Concen: 20.722 ng
RT: 23.866 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BP026146.D
Acq: 18 Nov 2025 16:35

Tgt Ion: 252 Resp: 2704711
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 20.326 ng

RT: 23.942 min Scan# 3571

Delta R.T. 0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 2712398

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

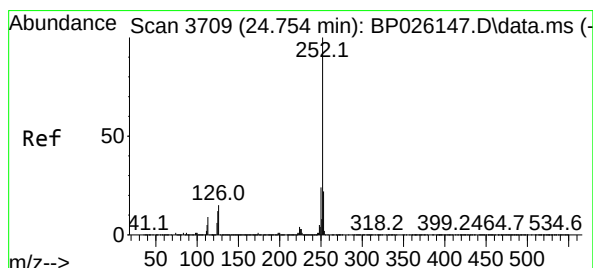
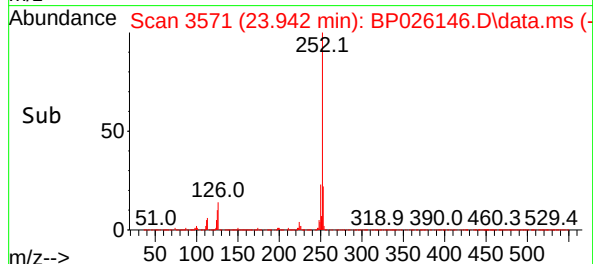
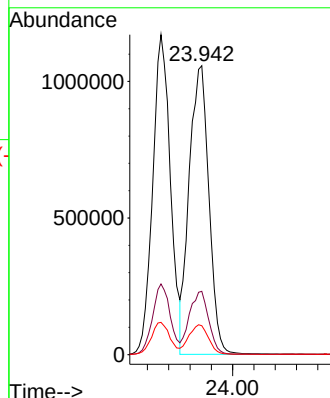
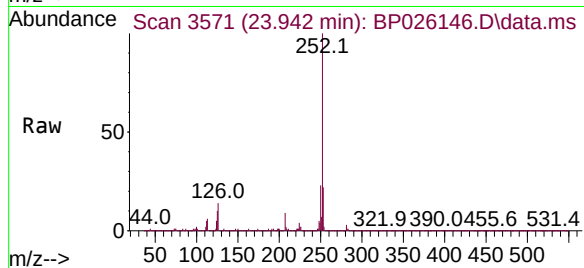
125 10.0 7.5 11.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 21.125 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

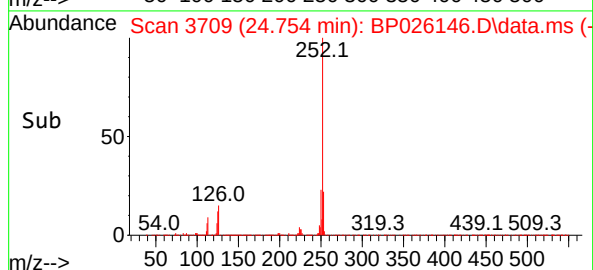
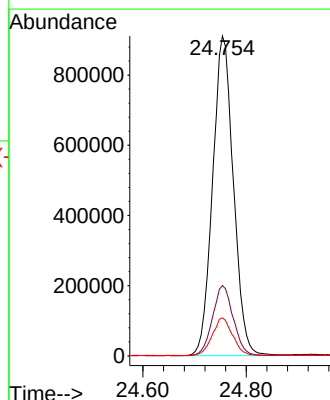
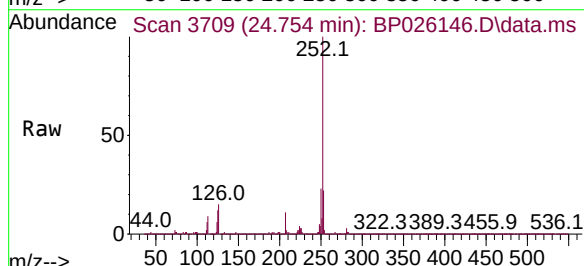
Tgt Ion:252 Resp: 2549616

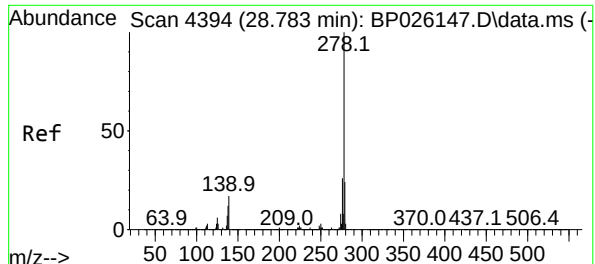
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 11.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 21.306 ng

RT: 28.795 min Scan# 4394

Delta R.T. 0.000 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:278 Resp: 2711736

Ion Ratio Lower Upper

278 100

139 16.4 13.2 19.8

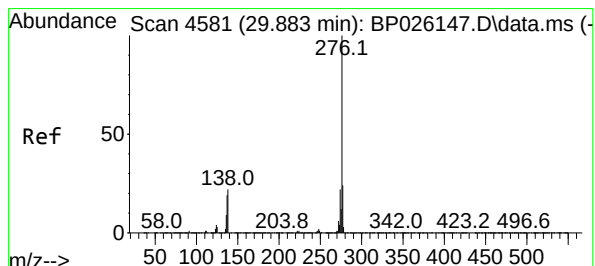
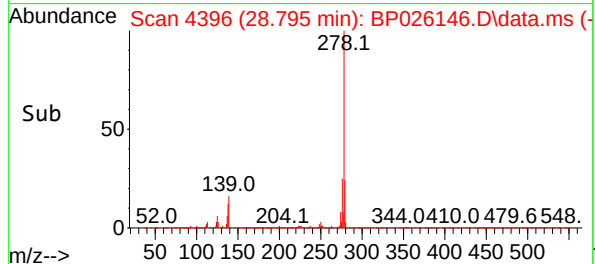
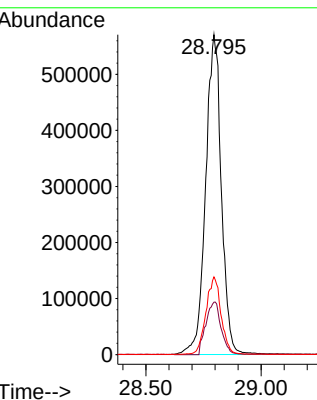
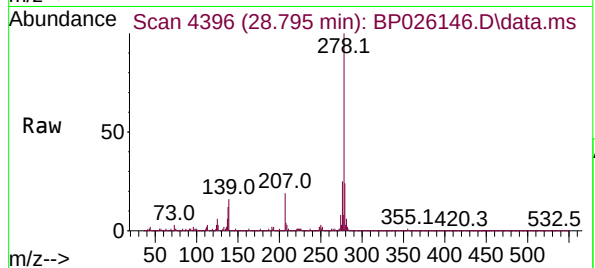
279 24.3 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#92

Benzo(g,h,i)perylene

Concen: 21.686 ng m

RT: 29.877 min Scan# 4580

Delta R.T. -0.006 min

Lab File: BP026146.D

Acq: 18 Nov 2025 16:35

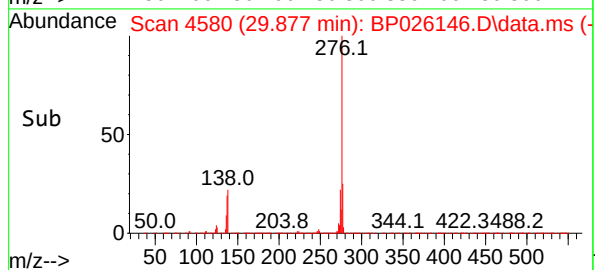
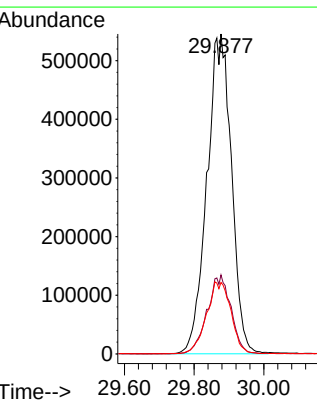
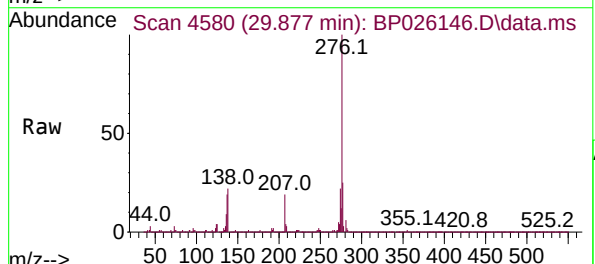
Tgt Ion:276 Resp: 2666038

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 22.3 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026147.D
 Acq On : 18 Nov 2025 17:57
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 19 01:14:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:06:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	337271	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1420937	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	933300	20.000	ng	-0.01
64) Phenanthrene-d10	17.131	188	1878028	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1999579	20.000	ng	0.00
86) Perylene-d12	24.901	264	2243799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1679294	79.895	ng	0.00
7) Phenol-d6	6.855	99	2181293	81.447	ng	0.00
23) Nitrobenzene-d5	8.813	82	2018895	80.578	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	985641	81.498	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4991155	78.020	ng	-0.01
79) Terphenyl-d14	19.872	244	7922015	80.792	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	328478	38.414	ng	100
3) Pyridine	3.614	79	974704	39.541	ng	98
4) n-Nitrosodimethylamine	3.519	42	364054	39.627	ng	96
6) Aniline	7.008	93	1431502	40.575	ng	98
8) 2-Chlorophenol	7.243	128	964995	40.369	ng	99
9) Benzaldehyde	6.819	77	622134	53.939	ng	99
10) Phenol	6.878	94	1177853	40.869	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	917778	40.811	ng	99
12) 1,3-Dichlorobenzene	7.560	146	1028799	39.968	ng	99
13) 1,4-Dichlorobenzene	7.708	146	1038752	40.071	ng	99
14) 1,2-Dichlorobenzene	8.019	146	997382	39.996	ng	99
15) Benzyl Alcohol	7.908	79	800974	40.874	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1291371	40.615	ng	99
17) 2-Methylphenol	8.113	107	806245	41.076	ng	100
18) Hexachloroethane	8.743	117	380794	40.305	ng	99
19) n-Nitroso-di-n-propyla...	8.472	70	690711	41.414	ng	99
20) 3+4-Methylphenols	8.437	107	1095272	40.127	ng	98
22) Acetophenone	8.484	105	1439776	39.828	ng	100
24) Nitrobenzene	8.855	77	1020382	40.240	ng	99
25) Isophorone	9.384	82	2017328	40.551	ng	99
26) 2-Nitrophenol	9.554	139	537109	42.012	ng	99
27) 2,4-Dimethylphenol	9.625	122	932722	40.271	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1247327	40.045	ng	99
29) 2,4-Dichlorophenol	10.096	162	940122	40.740	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	938571	39.912	ng	99
31) Naphthalene	10.496	128	3048677	39.513	ng	99
32) Benzoic acid	9.772	122	784823	42.116	ng	97
33) 4-Chloroaniline	10.596	127	1340270	40.923	ng	99
34) Hexachlorobutadiene	10.784	225	610384	39.893	ng	99
35) Caprolactam	11.384	113	333785	40.168	ng	97
36) 4-Chloro-3-methylphenol	11.725	107	1006010	40.975	ng	99
37) 2-Methylnaphthalene	12.107	142	2196657	40.223	ng	100
38) 1-Methylnaphthalene	12.331	142	2167022	40.554	ng	99
40) 1,2,4,5-Tetrachloroben...	12.478	216	1113781	39.601	ng	100
41) Hexachlorocyclopentadiene	12.466	237	739123	40.264	ng	100
43) 2,4,6-Trichlorophenol	12.719	196	783545	40.484	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026147.D
 Acq On : 18 Nov 2025 17:57
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:06:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	871078	40.362	ng	99
46) 1,1'-Biphenyl	13.131	154	2780286	39.689	ng	99
47) 2-Chloronaphthalene	13.166	162	2182735	39.633	ng	99
48) 2-Nitroaniline	13.366	65	630592	41.000	ng	95
49) Acenaphthylene	14.025	152	3633847	39.879	ng	100
50) Dimethylphthalate	13.760	163	2788637	40.098	ng	100
51) 2,6-Dinitrotoluene	13.878	165	588736	42.806	ng	95
52) Acenaphthene	14.372	154	2124219	39.859	ng	99
53) 3-Nitroaniline	14.207	138	675665	41.586	ng	99
54) 2,4-Dinitrophenol	14.413	184	346832	42.038	ng	98
55) Dibenzofuran	14.713	168	3294100	39.554	ng	99
56) 4-Nitrophenol	14.531	139	589592	39.974	ng	99
57) 2,4-Dinitrotoluene	14.678	165	871532	42.152	ng	96
58) Fluorene	15.384	166	2576477	39.135	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	746296	40.827	ng	100
60) Diethylphthalate	15.160	149	2841743	40.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	1293329	39.576	ng	96
62) 4-Nitroaniline	15.395	138	681705	40.085	ng	99
63) Azobenzene	15.684	77	2408368	40.665	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	503716	42.621	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2344222	40.344	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	861696	41.519	ng	98
68) Hexachlorobenzene	16.419	284	994319	41.466	ng	95
69) Atrazine	16.584	200	893064	40.815	ng	99
70) Pentachlorophenol	16.766	266	688877	40.947	ng	99
71) Phenanthrene	17.172	178	4216157	39.682	ng	99
72) Anthracene	17.260	178	4399641	40.544	ng	100
73) Carbazole	17.542	167	4149841	40.424	ng	100
74) Di-n-butylphthalate	18.160	149	5102416	41.877	ng	99
75) Fluoranthene	19.266	202	5142583	39.601	ng	99
77) Benzidine	19.460	184	2462804	40.014	ng	99
78) Pyrene	19.642	202	5323064	40.857	ng	99
80) Butylbenzylphthalate	20.607	149	2411743	41.564	ng	99
81) Benzo(a)anthracene	21.554	228	5501277	40.116	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	2000641	40.145	ng	99
83) Chrysene	21.630	228	5135129	39.774	ng	99
84) Bis(2-ethylhexyl)phtha...	21.519	149	3731352	42.841	ng	100
85) Di-n-octyl phthalate	22.807	149	6322176	41.246	ng	100
87) Indeno(1,2,3-cd)pyrene	28.701	276	6780312m	40.563	ng	
88) Benzo(b)fluoranthene	23.865	252	5552010	40.699	ng	99
89) Benzo(k)fluoranthene	23.936	252	5444576	39.935	ng	99
90) Benzo(a)pyrene	24.754	252	5241553	40.506	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	5550506	40.515	ng	100
92) Benzo(g,h,i)perylene	29.883	276	5486208	40.345	ng	100

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

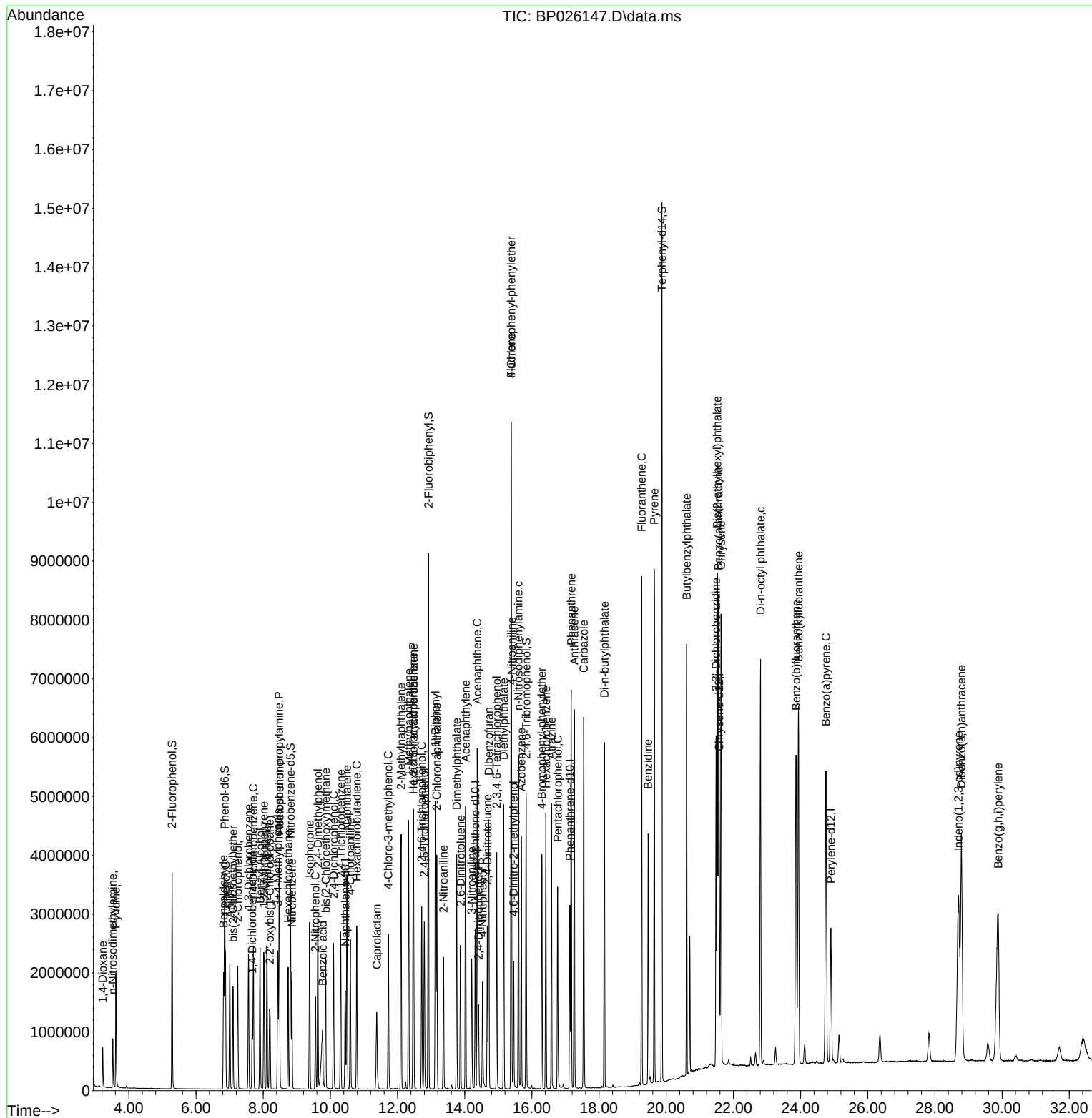
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Data File : BP026147.D
Acq On : 18 Nov 2025 17:57
Operator : RC/JU
Sample : SSTIDICC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

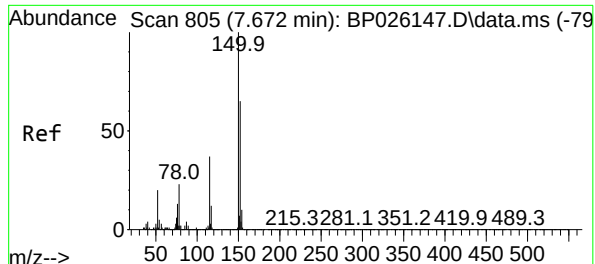
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration





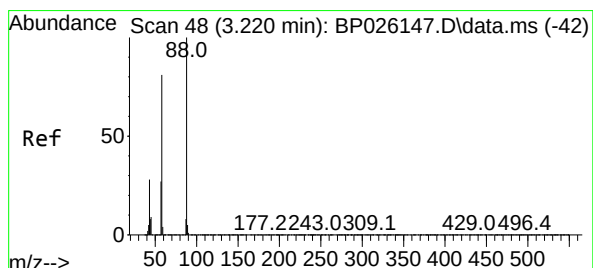
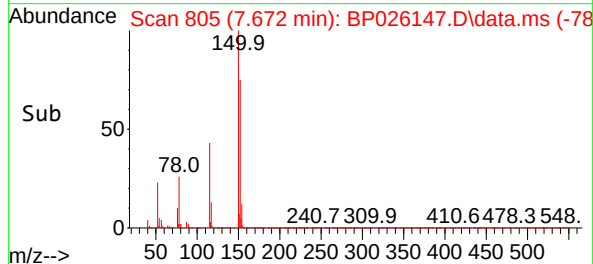
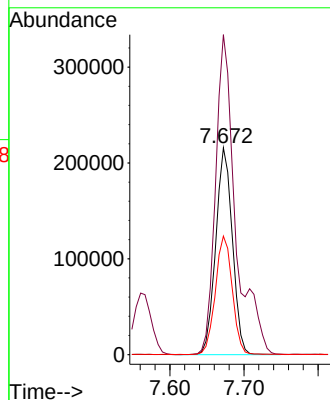
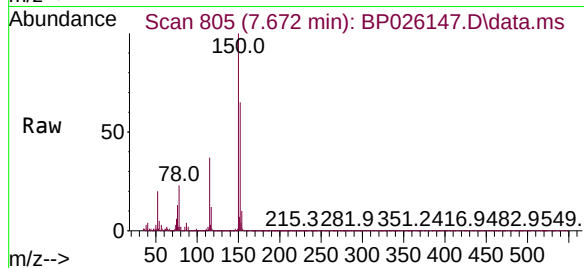
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
Client Sample Id :
SSTDICCC040

Tgt Ion: 152 Resp: 33727
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 57.3 46.3 69.5

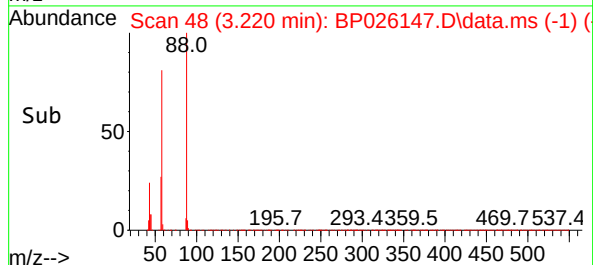
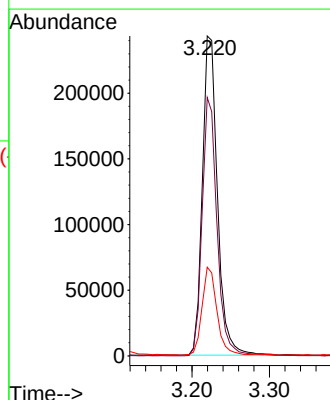
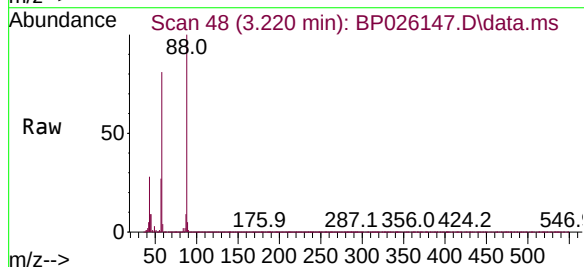
Manual Integrations
APPROVED

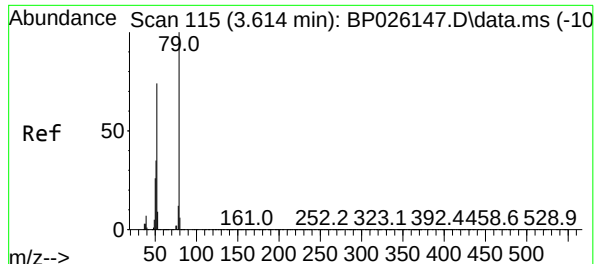
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 38.414 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

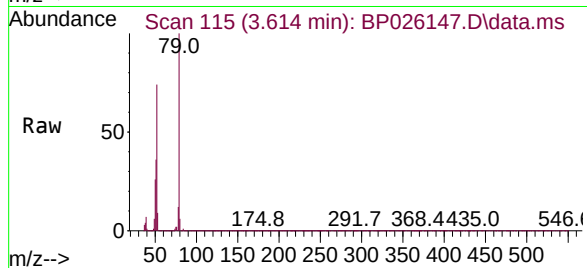
Tgt Ion: 88 Resp: 328478
Ion Ratio Lower Upper
88 100
58 80.0 64.2 96.4
43 26.9 21.5 32.3





#3
Pyridine
Concen: 39.541 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

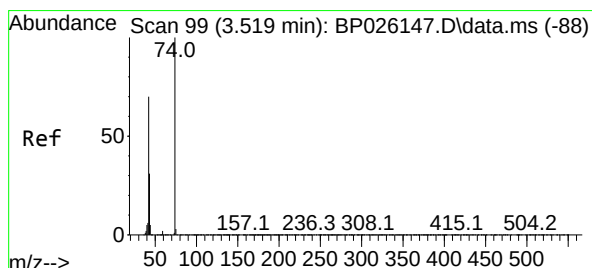
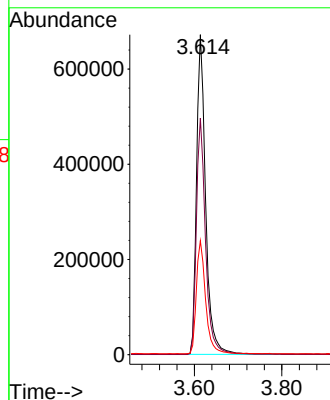
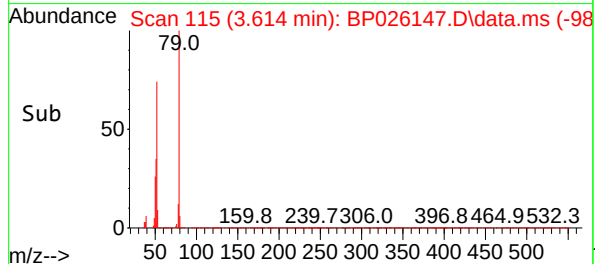
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



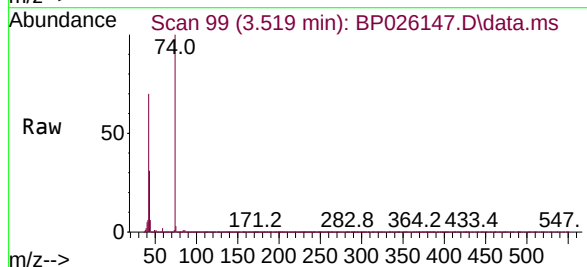
Tgt Ion: 79 Resp: 974704
Ion Ratio Lower Upper
79 100
52 73.9 60.2 90.2
51 35.6 29.5 44.3

Manual Integrations
APPROVED

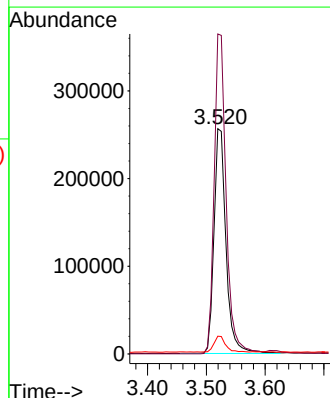
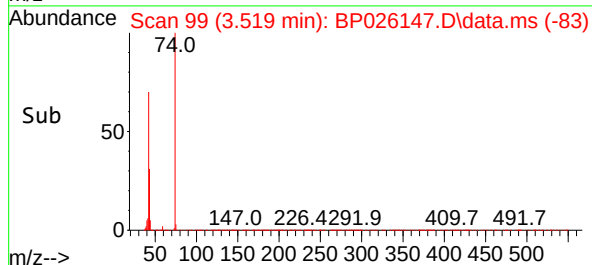
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

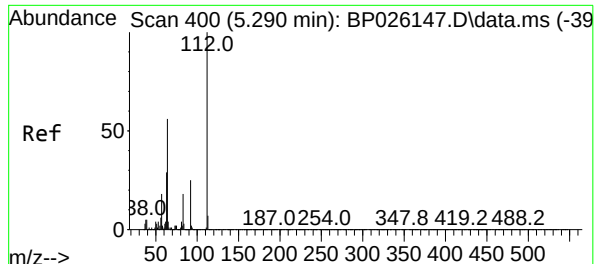


#4
n-Nitrosodimethylamine
Concen: 39.627 ng
RT: 3.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



Tgt Ion: 42 Resp: 364054
Ion Ratio Lower Upper
42 100
74 142.1 118.1 177.1
44 7.9 6.2 9.4





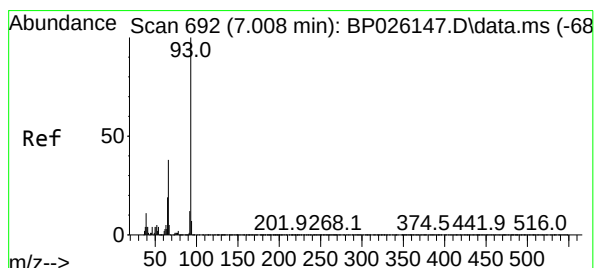
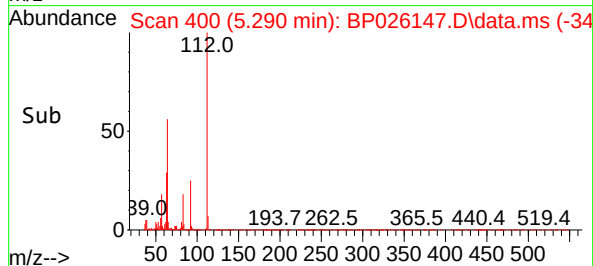
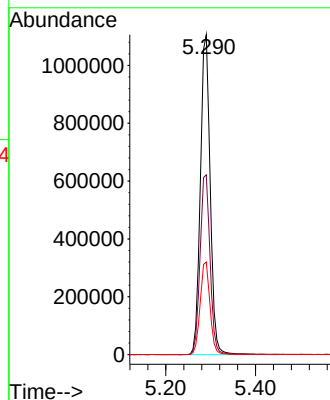
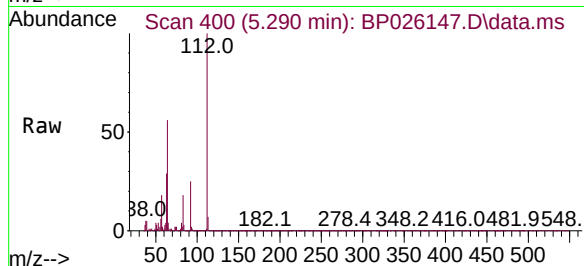
#5
2-Fluorophenol
Concen: 79.895 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
Client Sample Id :
SSTDICCC040

Tgt Ion: 112 Resp: 1679294
Ion Ratio Lower Upper
112 100
64 56.2 45.8 68.6
63 29.0 23.5 35.3

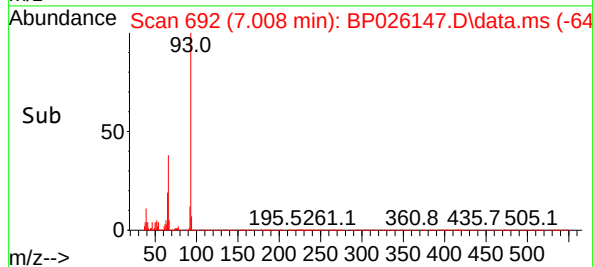
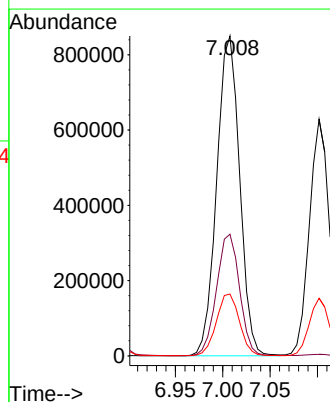
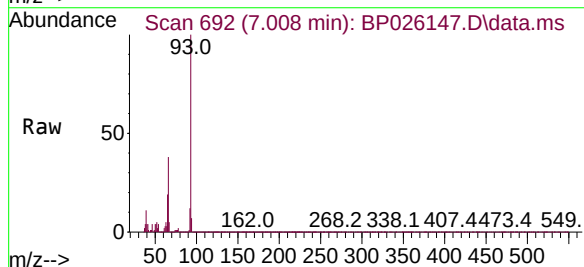
Manual Integrations
APPROVED

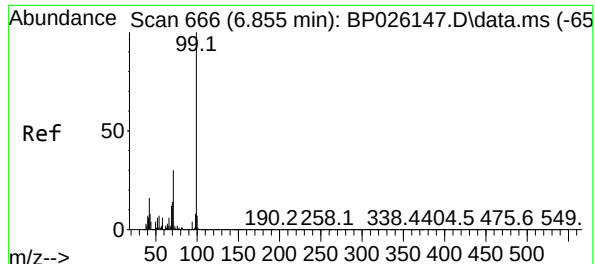
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 40.575 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 93 Resp: 1431502
Ion Ratio Lower Upper
93 100
66 38.0 31.7 47.5
65 19.3 15.8 23.6





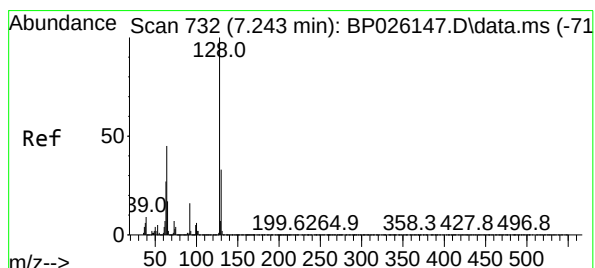
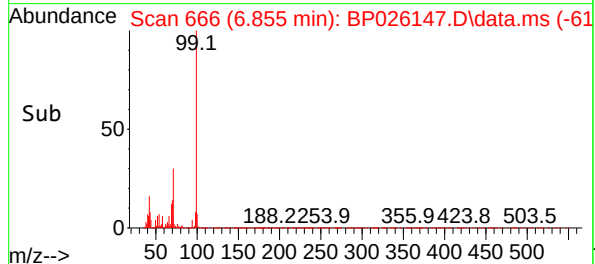
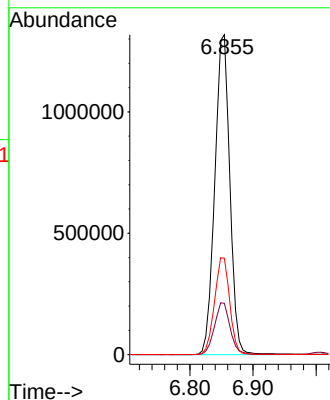
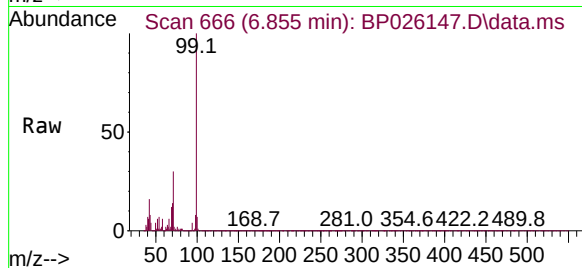
#7
Phenol-d6
Concen: 81.447 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 2181293
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 30.1 24.8 37.2

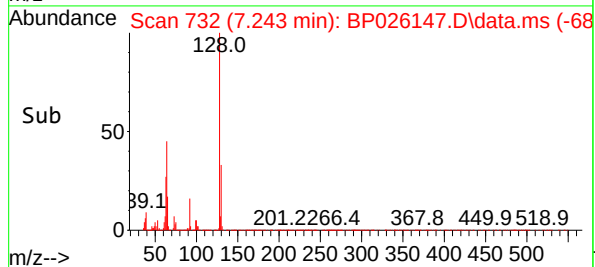
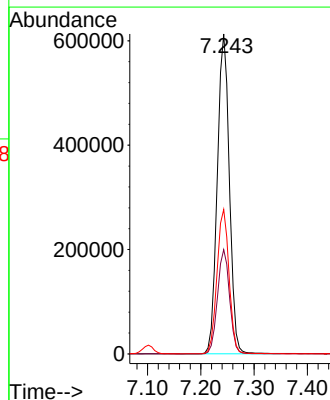
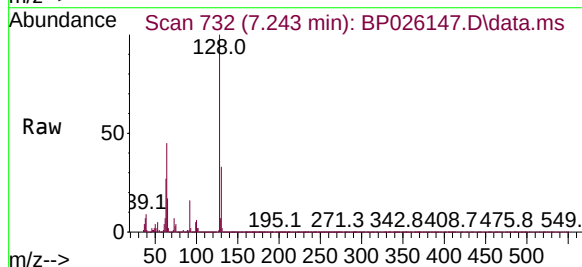
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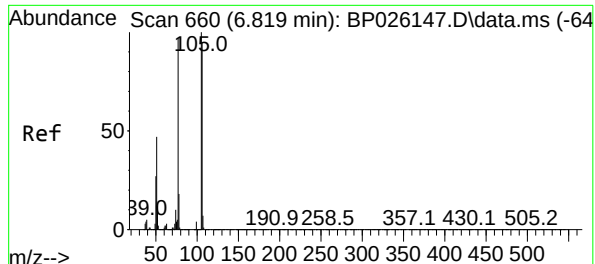
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#8
2-Chlorophenol
Concen: 40.369 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:128 Resp: 964995
Ion Ratio Lower Upper
128 100
130 32.6 12.4 52.4
64 45.2 23.9 63.9





#9

Benzaldehyde

Concen: 53.939 ng

RT: 6.819 min Scan# 60

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

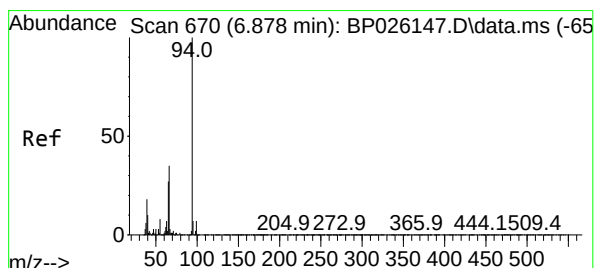
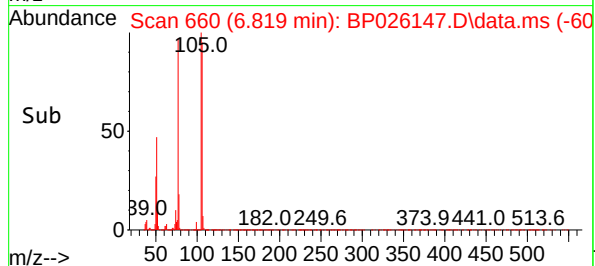
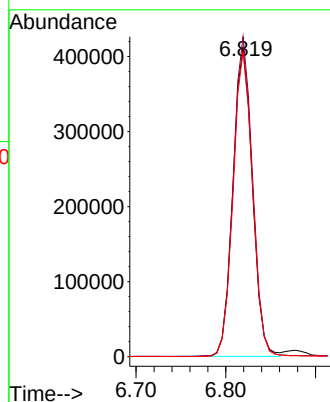
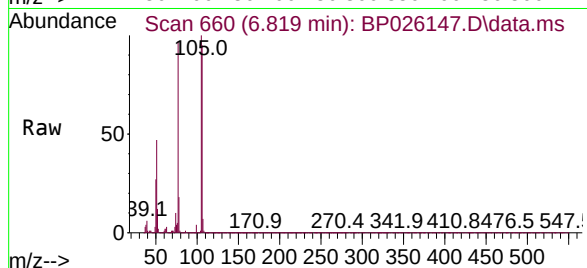
ClientSampleId :

SSTDICCC040

Tgt Ion:	77	Resp:	622134
Ion	Ratio	Lower	Upper
77	100		
105	103.6	82.9	122.9
106	98.6	77.8	117.8

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#10

Phenol

Concen: 40.869 ng

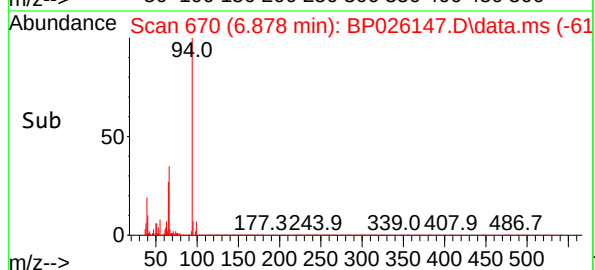
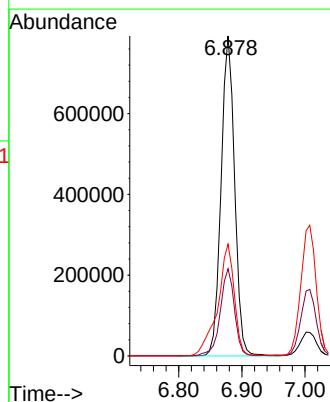
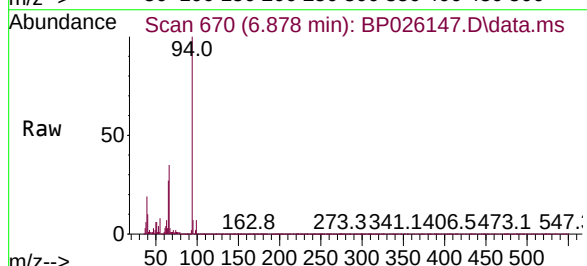
RT: 6.878 min Scan# 670

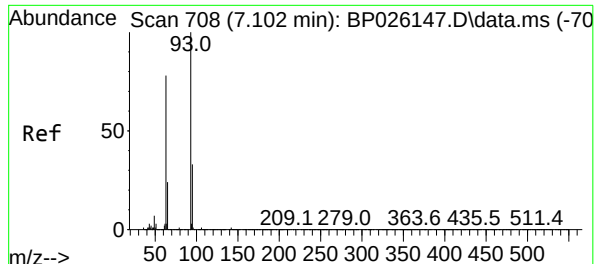
Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Tgt Ion:	94	Resp:	1177853
Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.0	47.0
66	34.9	14.5	54.5





#11

bis(2-Chloroethyl)ether

Concen: 40.811 ng

RT: 7.102 min Scan# 708

Delta R.T. 0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 917778

Ion Ratio Lower Upper

93 100

63 78.0 58.8 98.8

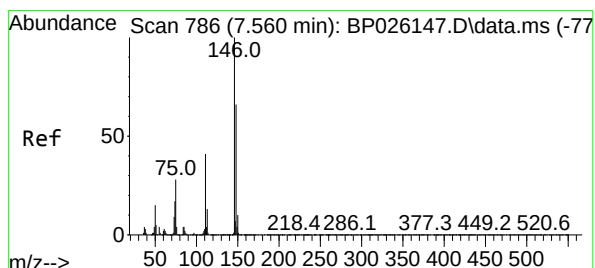
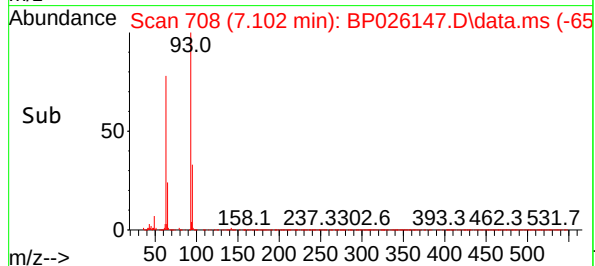
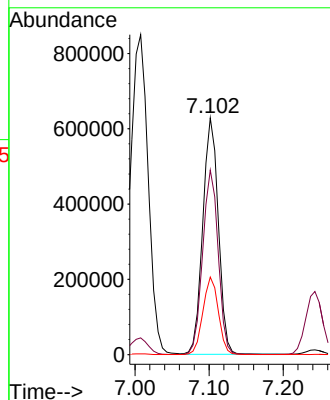
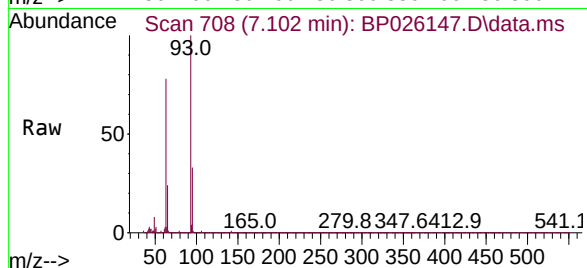
95 32.8 12.1 52.1

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#12

1,3-Dichlorobenzene

Concen: 39.968 ng

RT: 7.560 min Scan# 786

Delta R.T. -0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

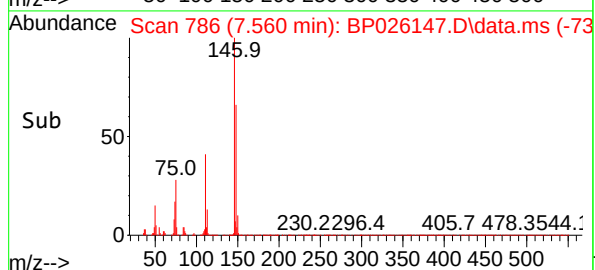
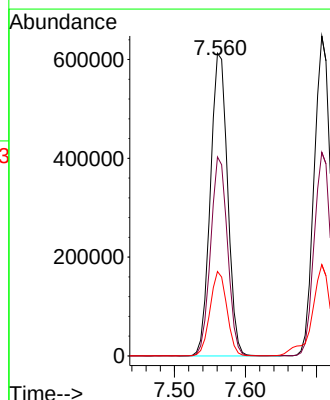
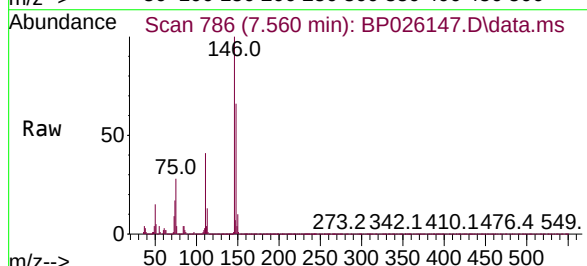
Tgt Ion:146 Resp: 1028799

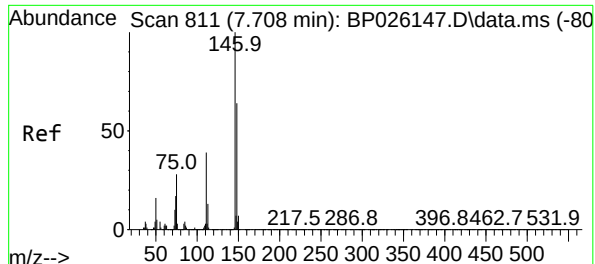
Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.8

75 27.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 40.071 ng

RT: 7.708 min Scan# 811

Delta R.T. 0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 1038752

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

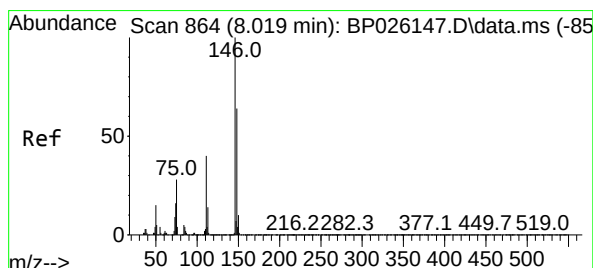
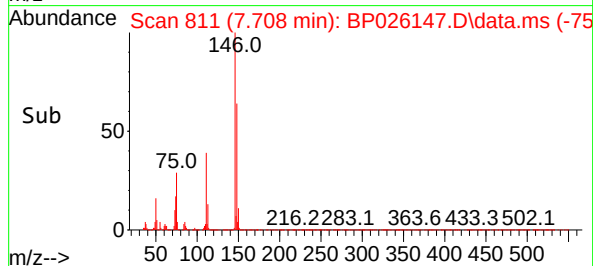
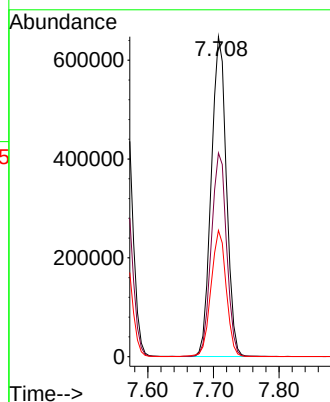
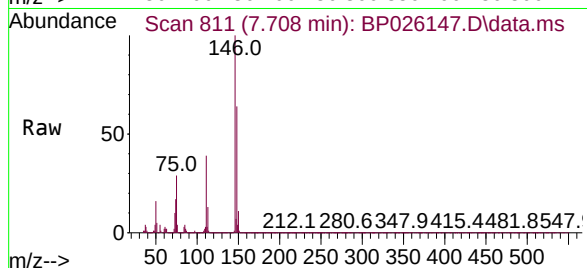
111 39.4 31.7 47.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 39.996 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

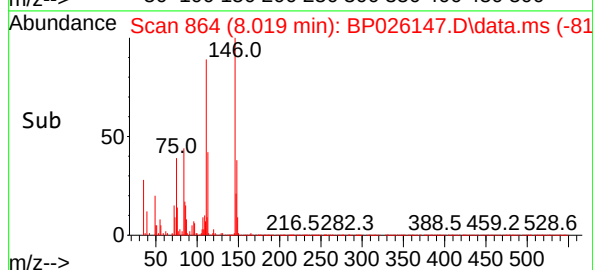
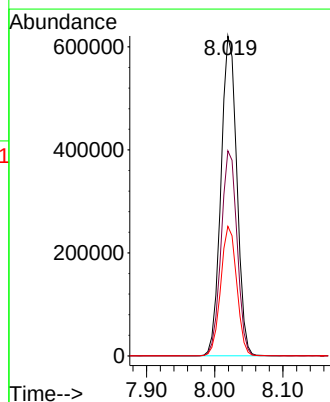
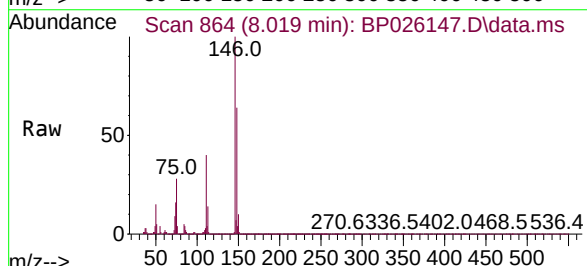
Tgt Ion:146 Resp: 997382

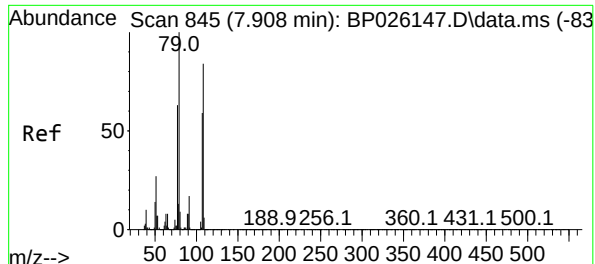
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 40.5 33.0 49.4





#15

Benzyl Alcohol

Concen: 40.874 ng

RT: 7.908 min Scan# 845

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

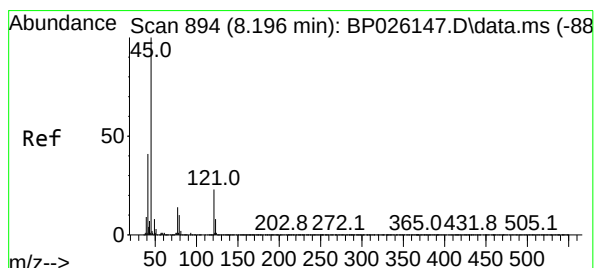
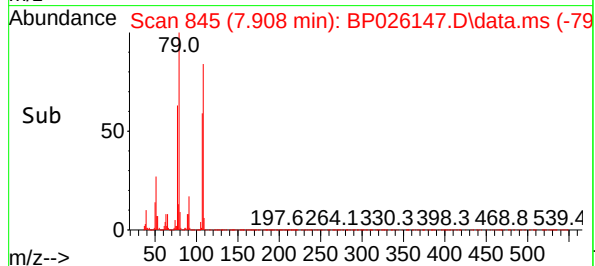
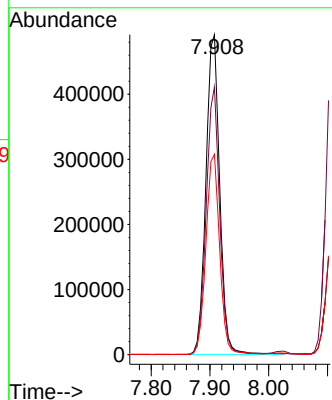
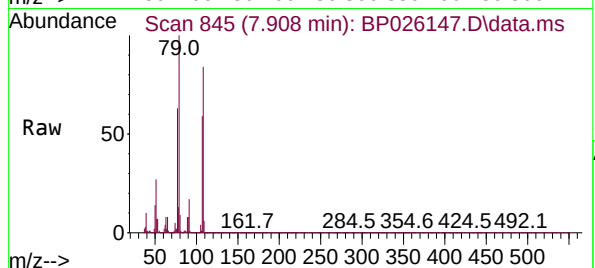
ClientSampleId :

SSTDICCC040

Tgt Ion:	79	Resp:	800974
Ion	Ratio	Lower	Upper
79	100		
108	83.6	66.2	99.4
77	62.6	50.0	75.0

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.615 ng

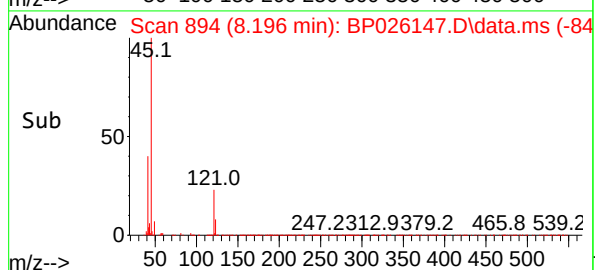
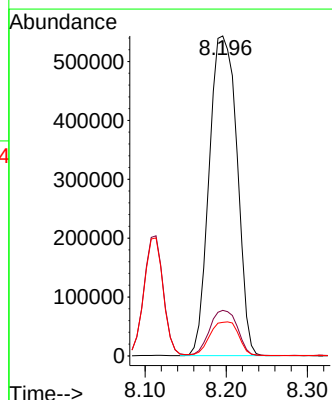
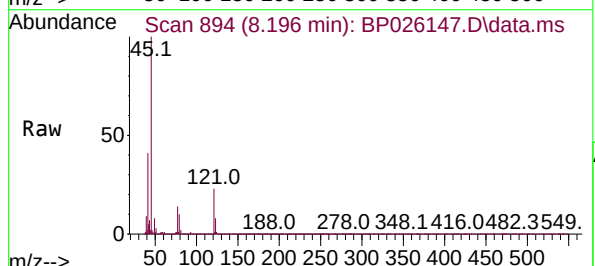
RT: 8.196 min Scan# 894

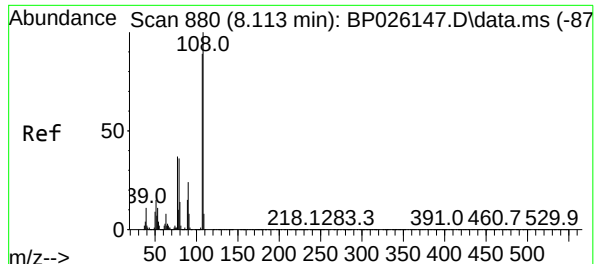
Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

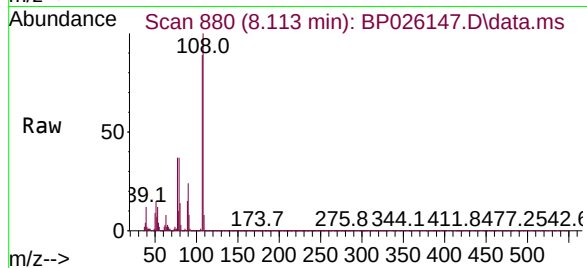
Tgt Ion:	45	Resp:	1291371
Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.9
79	10.5	0.0	30.4





#17
2-Methylphenol
Concen: 41.076 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

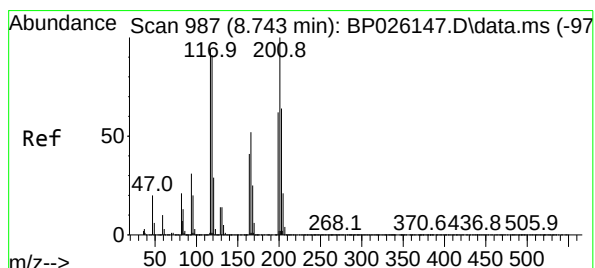
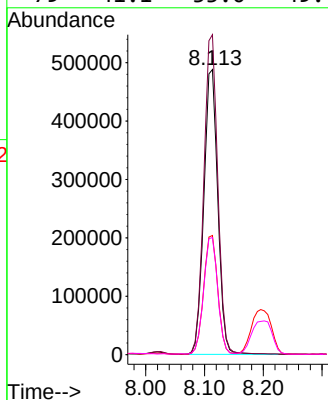
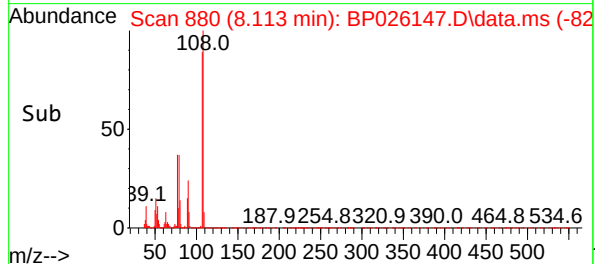
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040



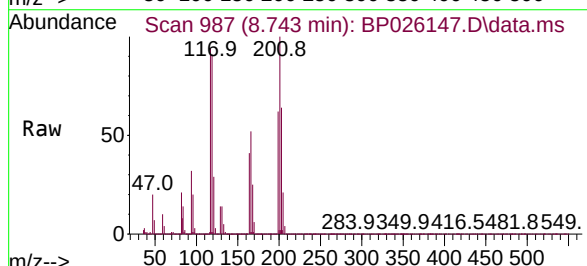
Tgt Ion:107 Resp: 806245
Ion Ratio Lower Upper
107 100
108 112.2 89.7 134.5
77 41.8 33.9 50.9
79 41.1 33.0 49.4

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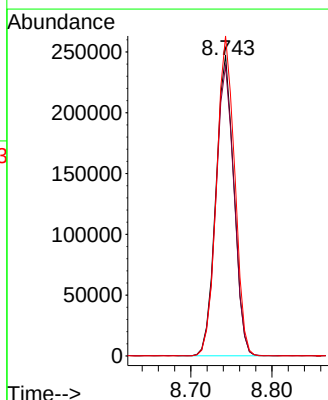
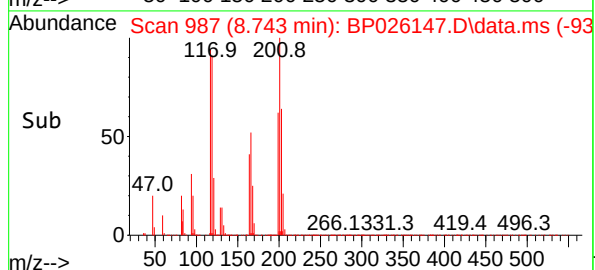
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

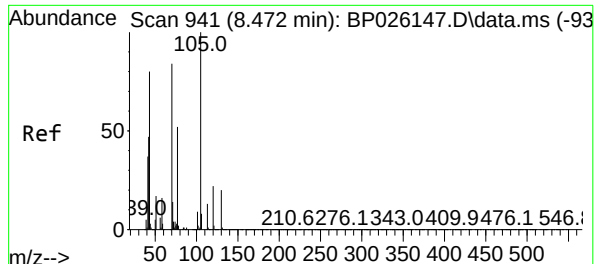


#18
Hexachloroethane
Concen: 40.305 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



Tgt Ion:117 Resp: 380794
Ion Ratio Lower Upper
117 100
119 96.4 78.7 118.1
201 106.4 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.414 ng

RT: 8.472 min Scan# 941

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 69071

Ion Ratio Lower Upper

70 100

42 56.6 44.1 66.1

101 10.8 8.2 12.4

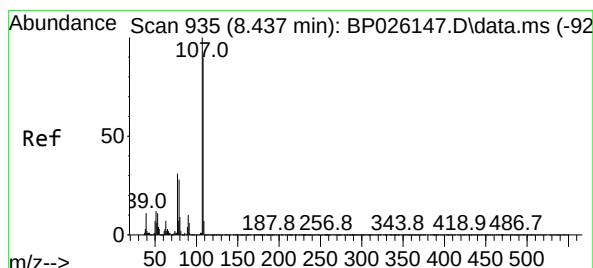
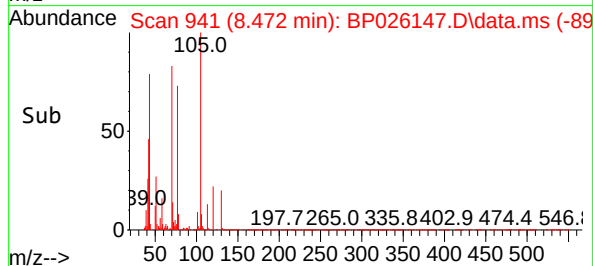
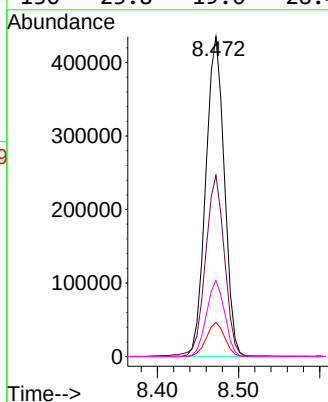
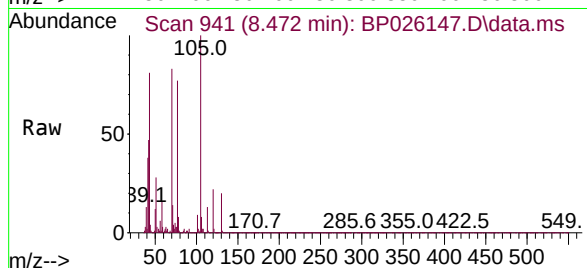
130 23.8 19.0 28.4

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 40.127 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Tgt Ion:107 Resp: 1095272

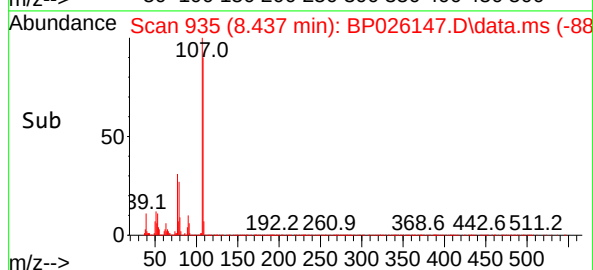
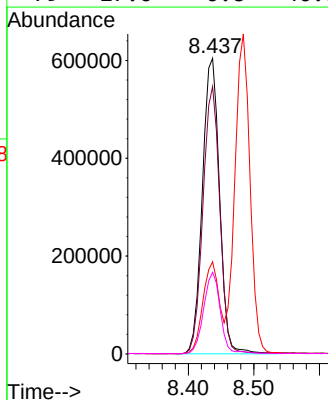
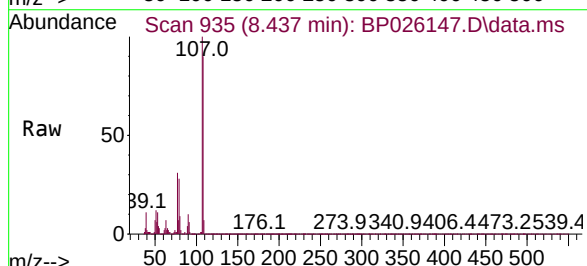
Ion Ratio Lower Upper

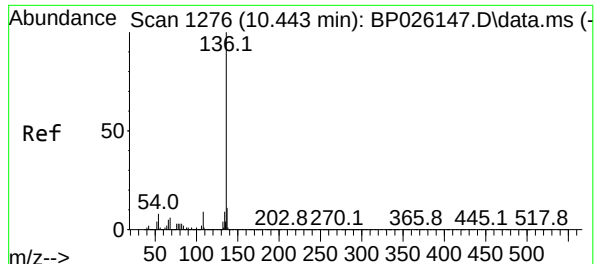
107 100

108 90.4 68.9 108.9

77 31.1 10.4 50.4

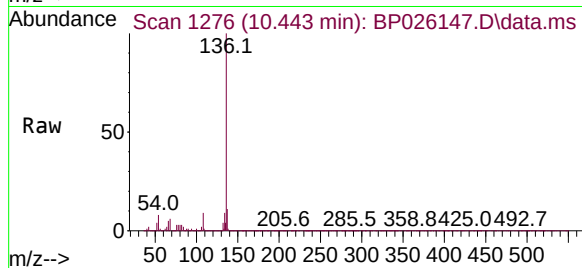
79 27.6 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

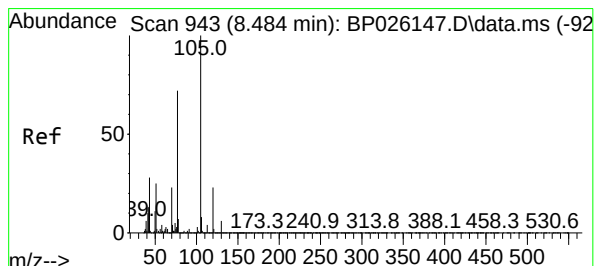
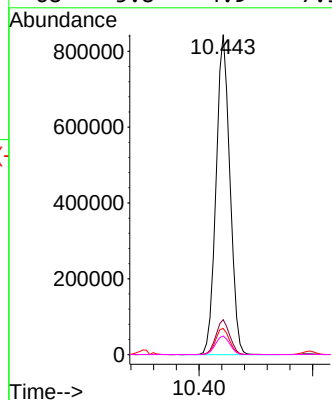
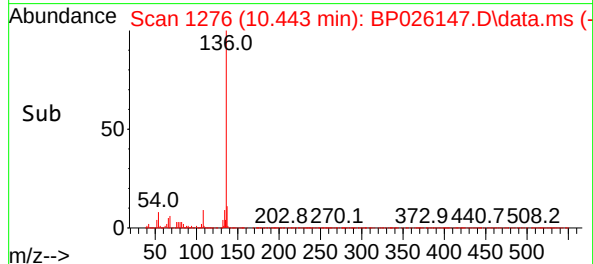
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 1420937
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 6.4 9.6
68 5.8 4.9 7.3

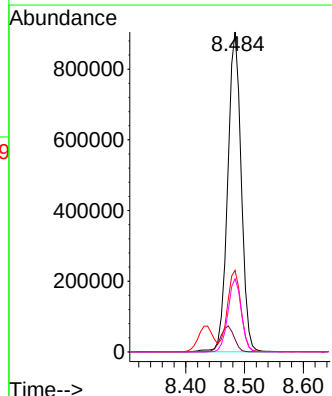
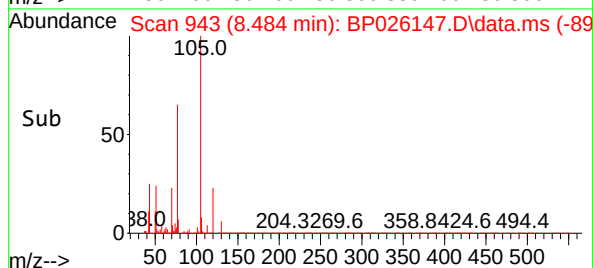
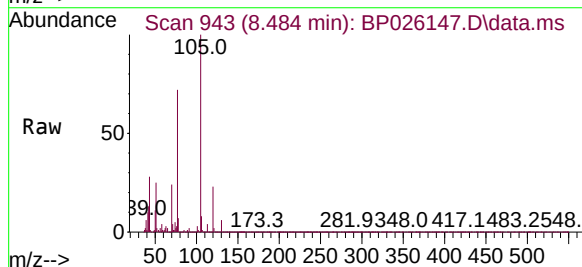
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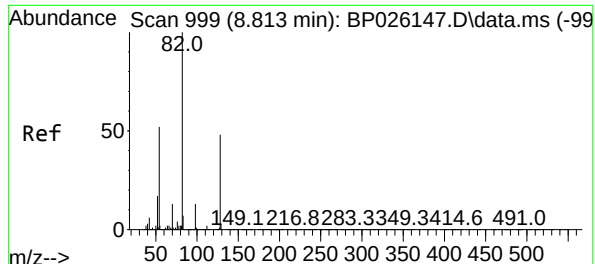
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 39.828 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:105 Resp: 1439776
Ion Ratio Lower Upper
105 100
71 3.9 3.0 4.4
51 25.5 20.5 30.7
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 80.578 ng

RT: 8.813 min Scan# 999

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 201889

Ion Ratio Lower Upper

82 100

128 48.4 37.4 56.0

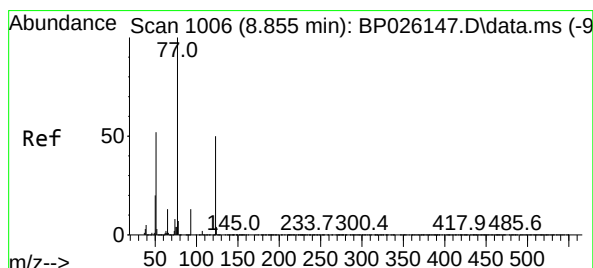
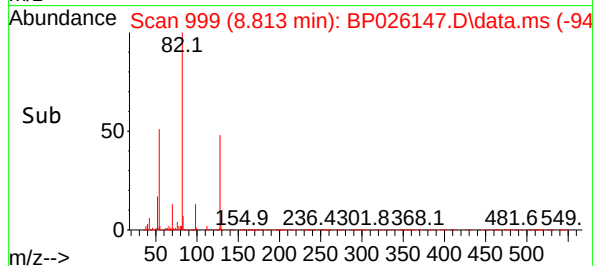
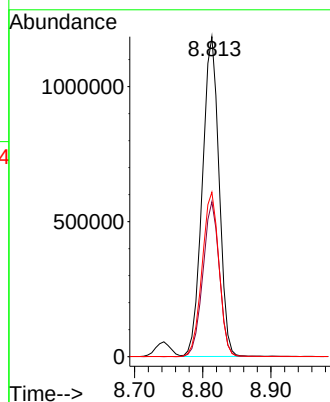
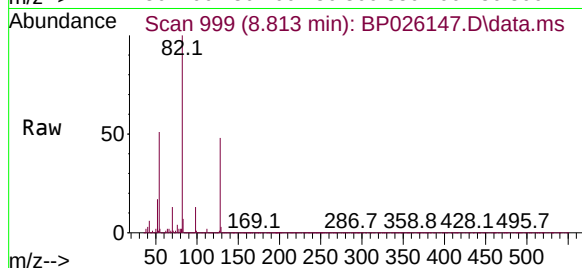
54 51.4 41.6 62.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 40.240 ng

RT: 8.855 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

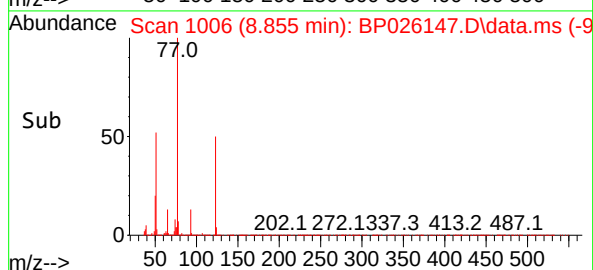
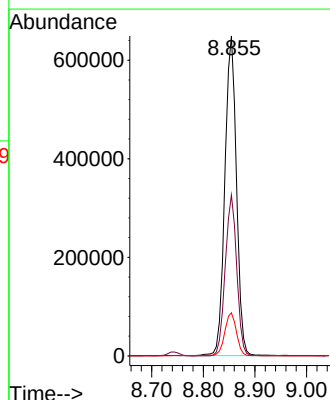
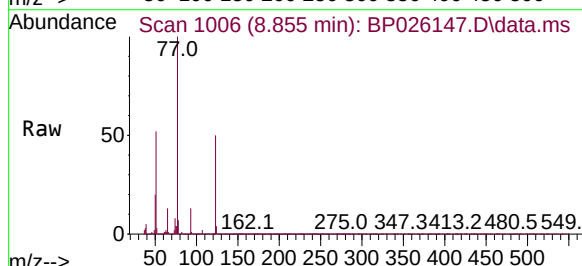
Tgt Ion: 77 Resp: 1020382

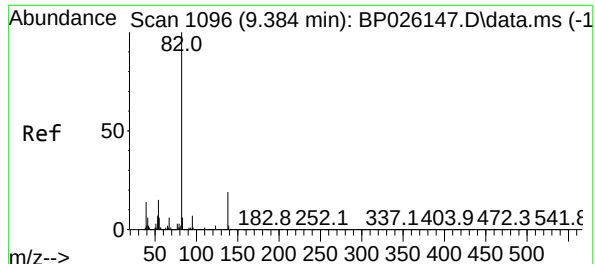
Ion Ratio Lower Upper

77 100

123 50.3 39.8 59.8

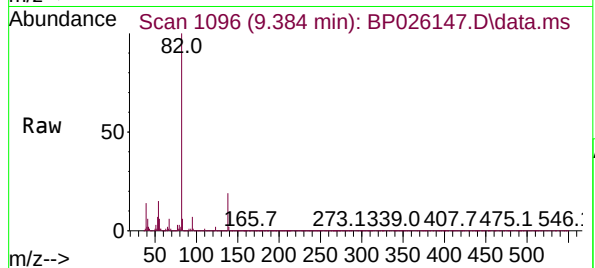
65 13.5 11.2 16.8





#25
Isophorone
Concen: 40.551 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

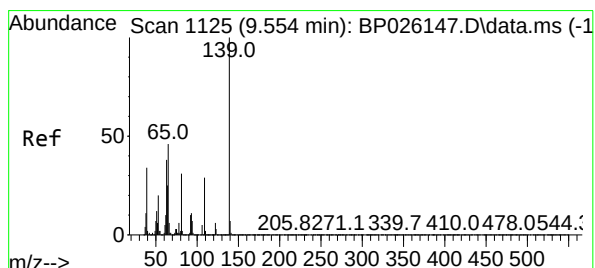
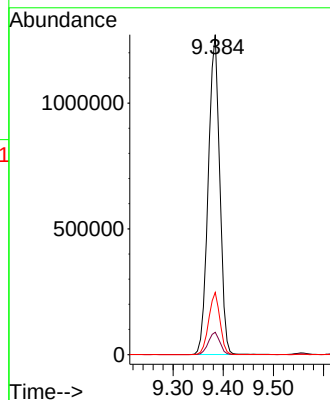
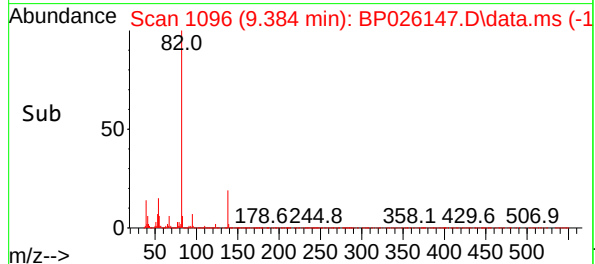
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040



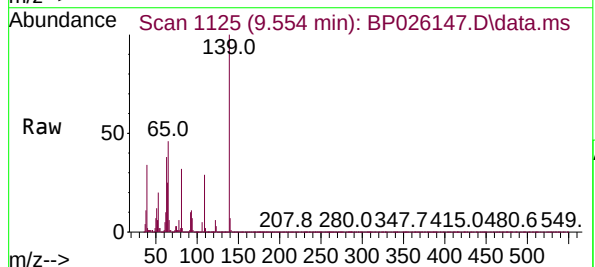
Tgt Ion: 82 Resp: 2017328
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 19.4 15.4 23.0

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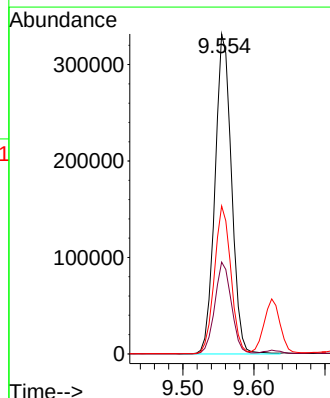
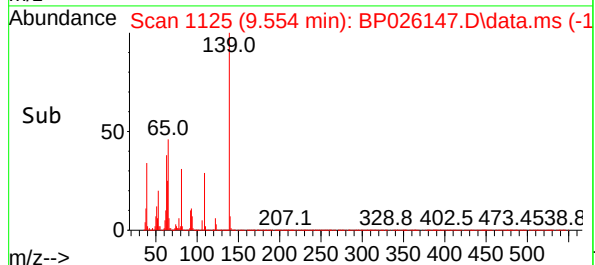
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

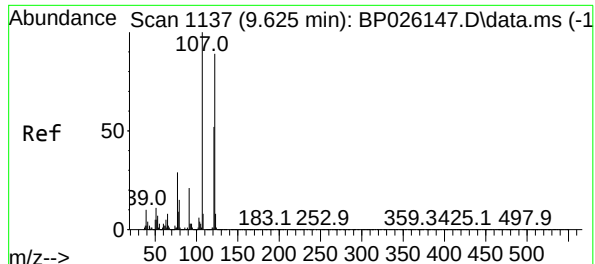


#26
2-Nitrophenol
Concen: 42.012 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



Tgt Ion:139 Resp: 537109
Ion Ratio Lower Upper
139 100
109 28.7 22.3 33.5
65 46.2 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 40.271 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

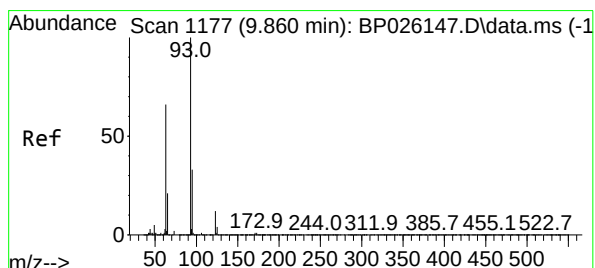
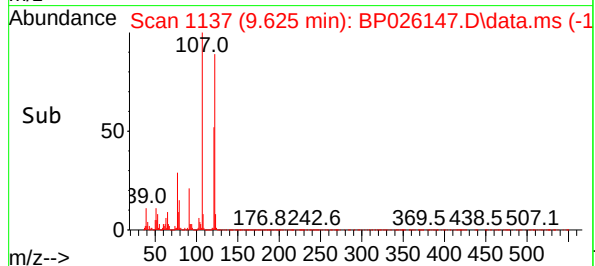
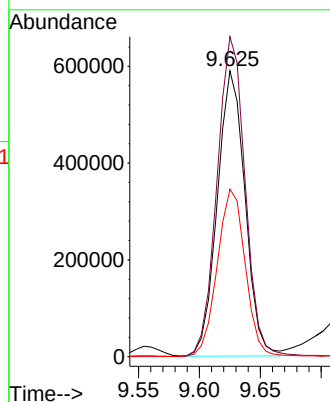
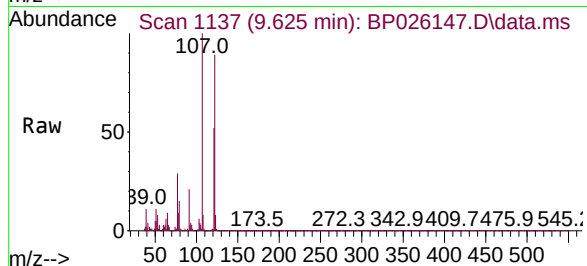
SSTDICCC040

Tgt Ion:	122	Resp:	932722
Ion	Ratio	Lower	Upper
122	100		
107	112.0	91.0	136.6
121	58.6	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 40.045 ng

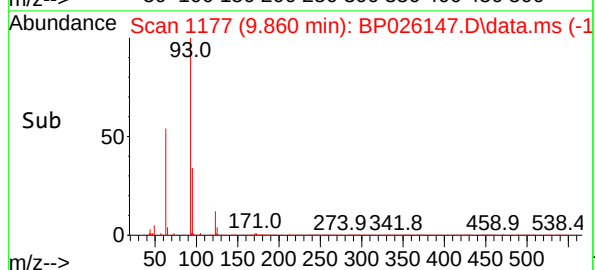
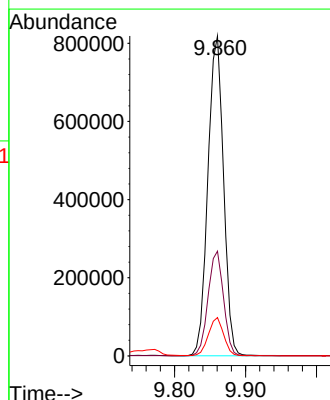
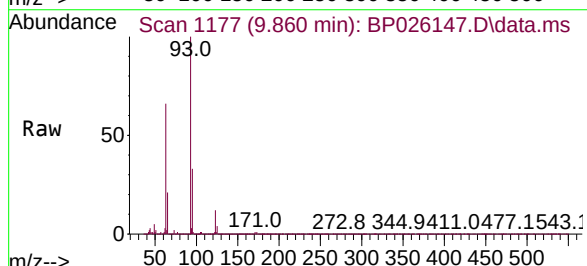
RT: 9.860 min Scan# 1177

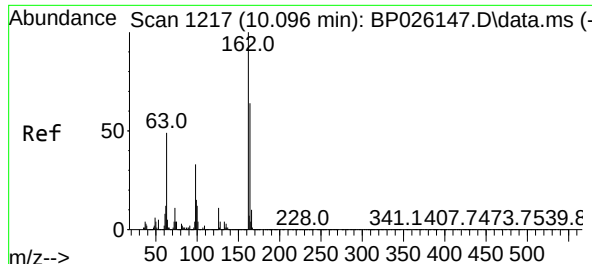
Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Tgt Ion:	93	Resp:	1247327
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.0	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 40.740 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

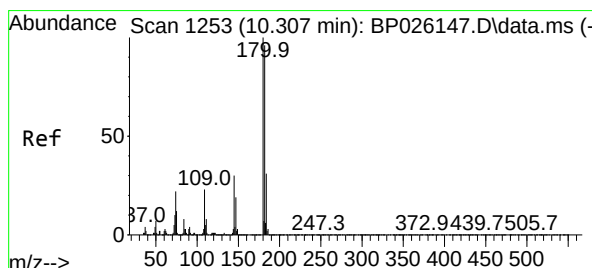
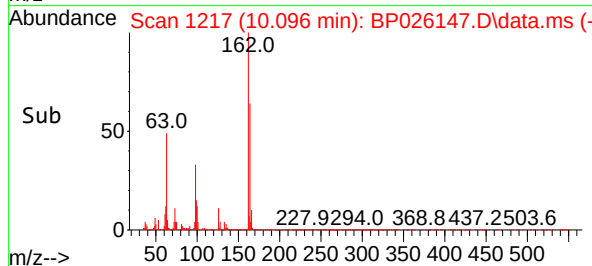
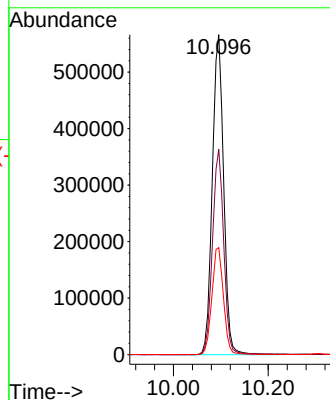
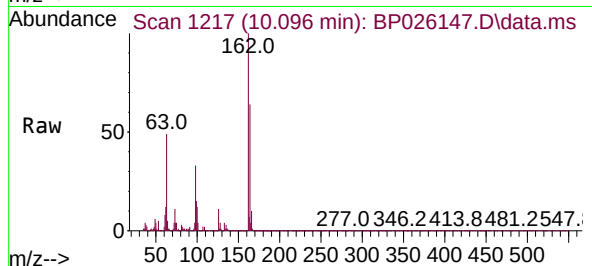
SSTDICCC040

Tgt Ion:	162	Resp:	94012
Ion Ratio	Lower	Upper	
162	100		
164	64.2	43.8	83.8
98	33.4	14.1	54.1

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#30

1,2,4-Trichlorobenzene

Concen: 39.912 ng

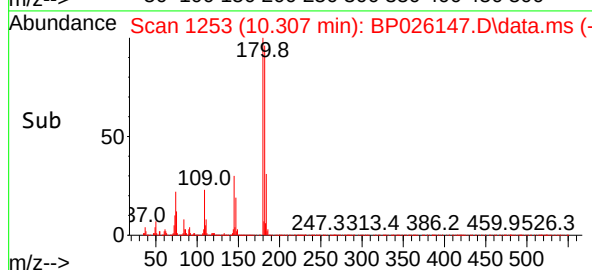
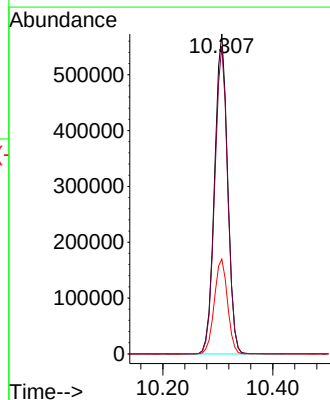
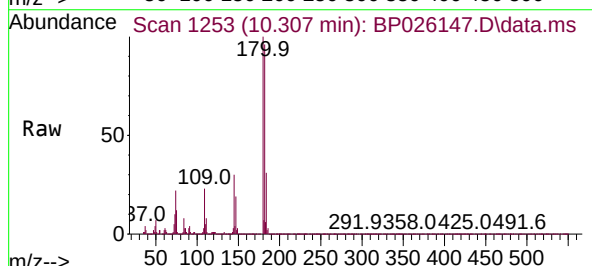
RT: 10.307 min Scan# 1253

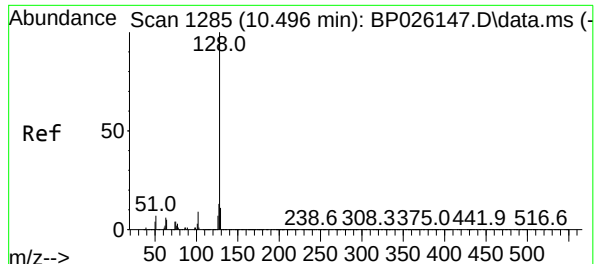
Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

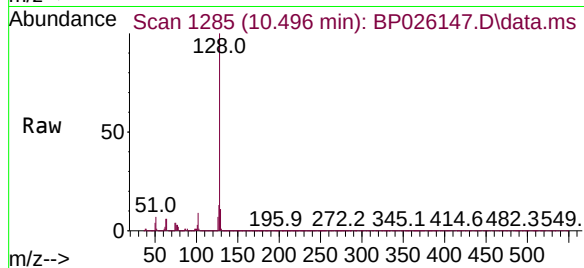
Tgt Ion:	180	Resp:	938571
Ion Ratio	Lower	Upper	
180	100		
182	96.2	78.1	117.1
145	29.6	24.2	36.4





#31
Naphthalene
Concen: 39.513 ng
RT: 10.496 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

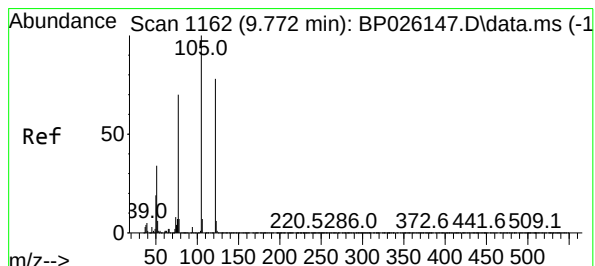
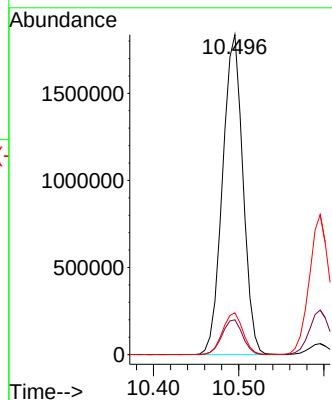
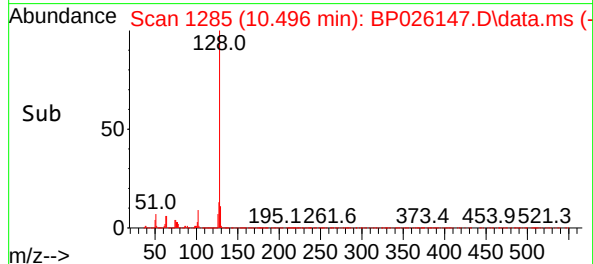
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 304867
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.1 10.2 15.4

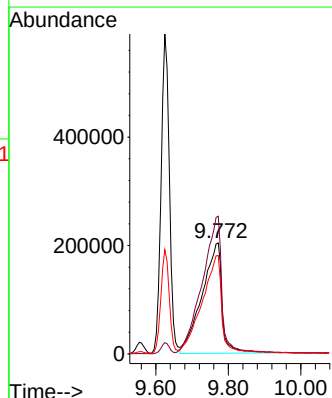
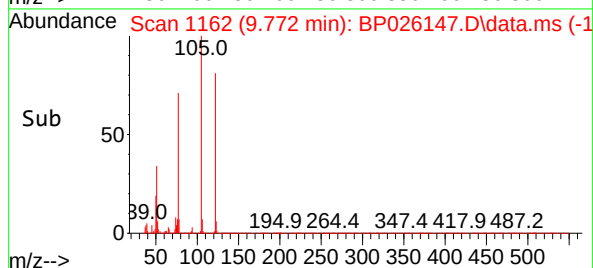
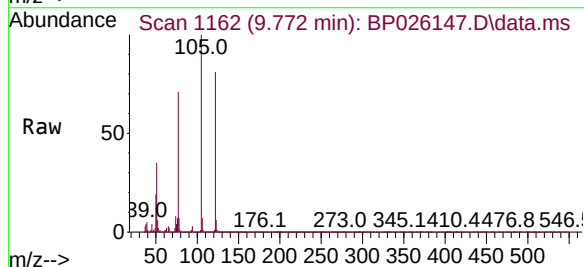
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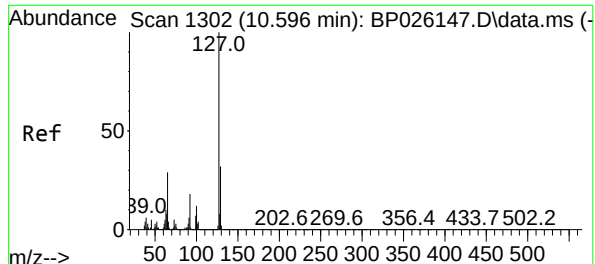
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 42.116 ng
RT: 9.772 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

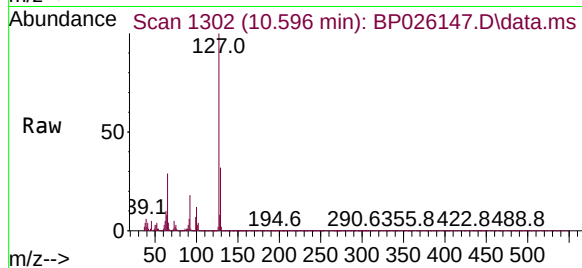
Tgt Ion:122 Resp: 784823
Ion Ratio Lower Upper
122 100
105 124.0 100.1 140.1
77 88.5 66.7 106.7





#33
4-Chloroaniline
Concen: 40.923 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

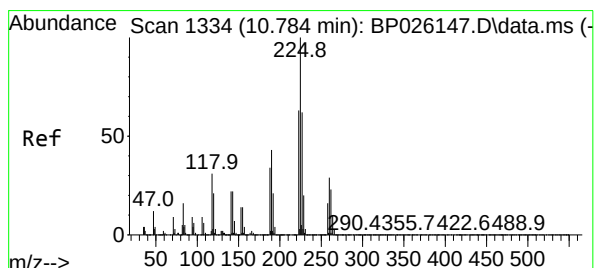
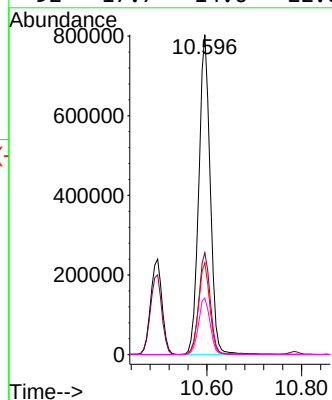
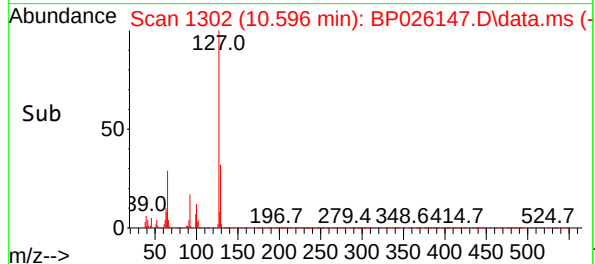
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 1340270
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 28.7 22.7 34.1
92 17.7 14.6 22.0

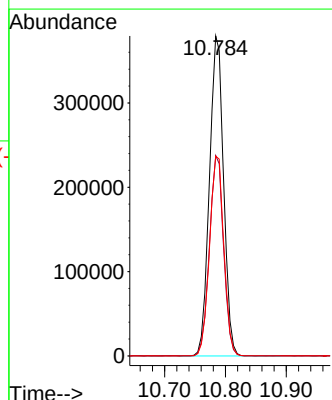
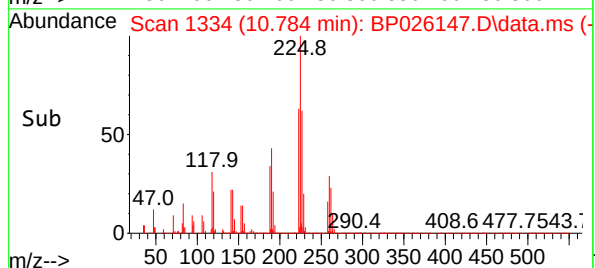
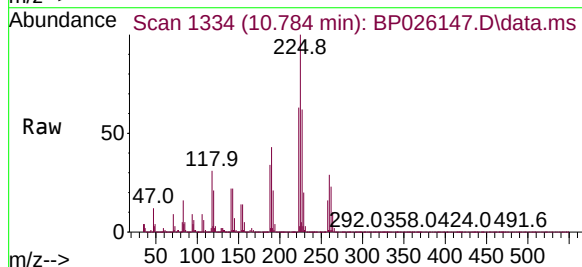
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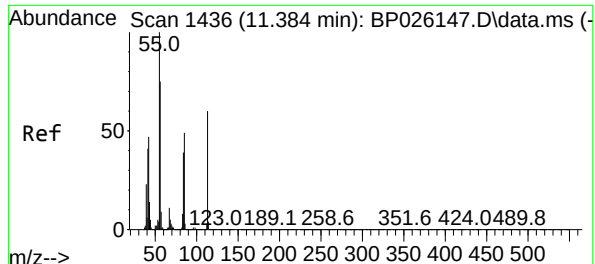
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 39.893 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

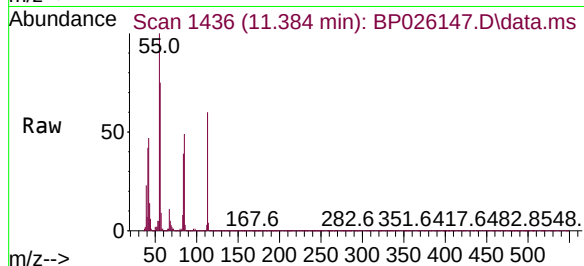
Tgt Ion:225 Resp: 610384
Ion Ratio Lower Upper
225 100
223 62.6 49.6 74.4
227 62.4 51.2 76.8





#35
Caprolactam
Concen: 40.168 ng
RT: 11.384 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

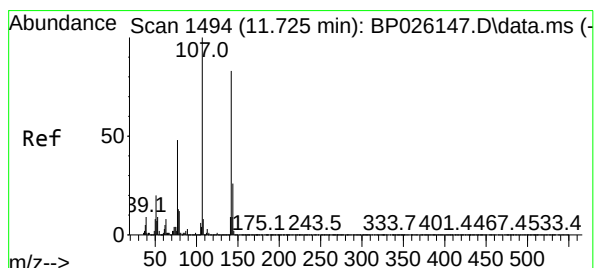
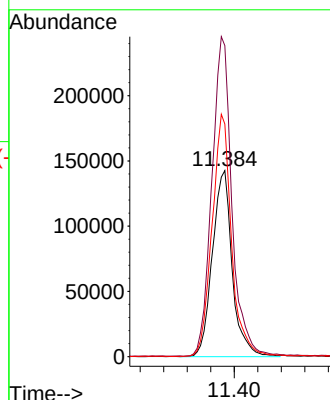
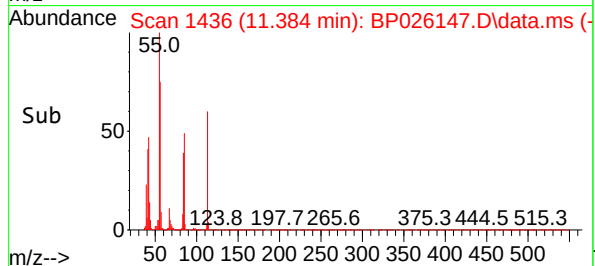
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 333785
Ion Ratio Lower Upper
113 100
55 167.2 153.0 193.0
56 125.0 106.4 146.4

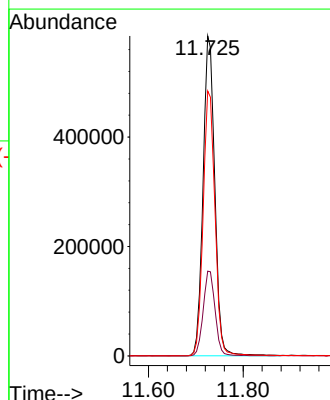
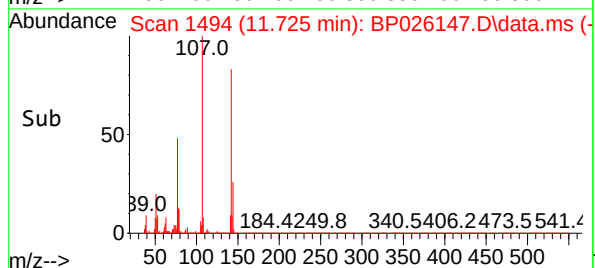
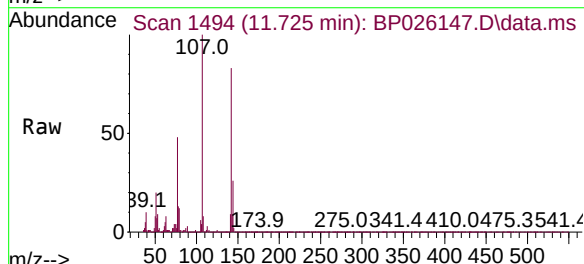
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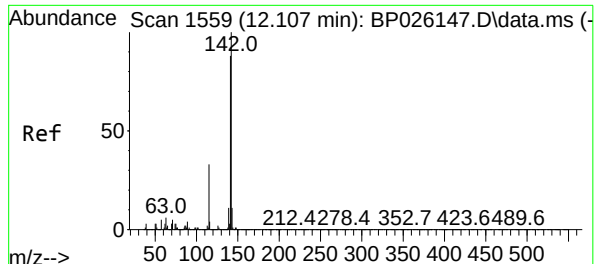
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#36
4-Chloro-3-methylphenol
Concen: 40.975 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

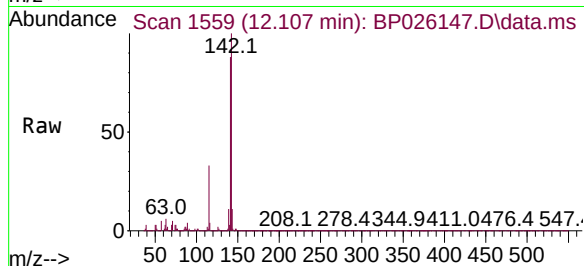
Tgt Ion:107 Resp: 1006010
Ion Ratio Lower Upper
107 100
144 26.5 21.6 32.4
142 82.8 65.6 98.4





#37
2-Methylnaphthalene
Concen: 40.223 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

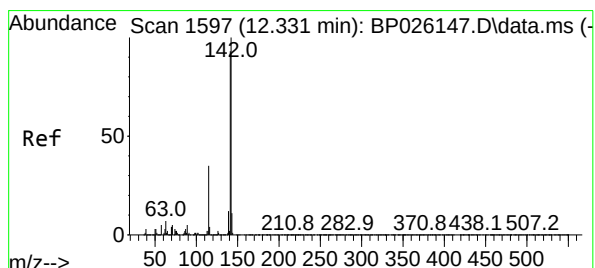
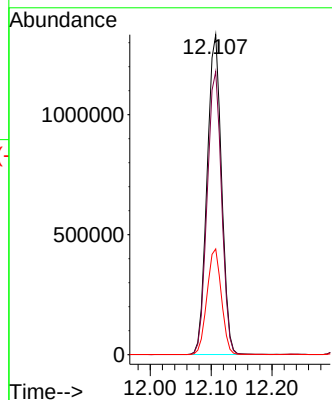
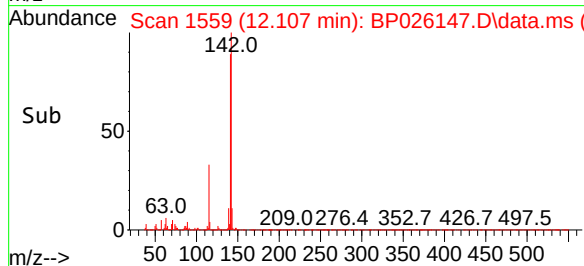
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



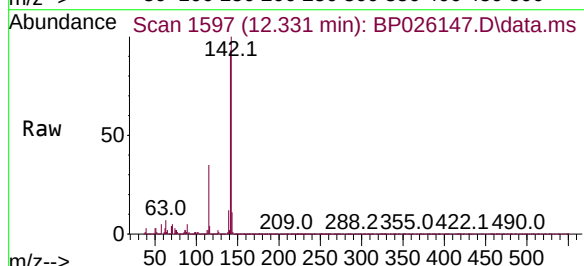
Tgt Ion:142 Resp: 219665
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 33.0 26.6 39.8

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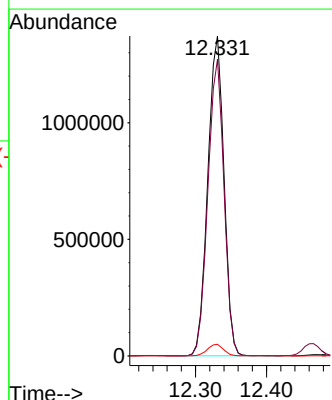
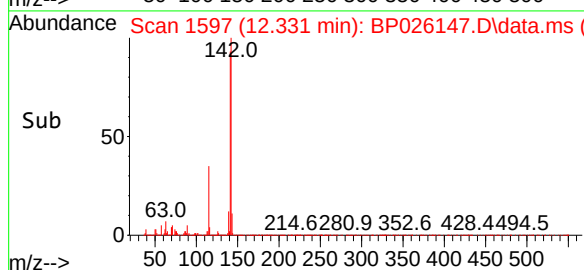
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

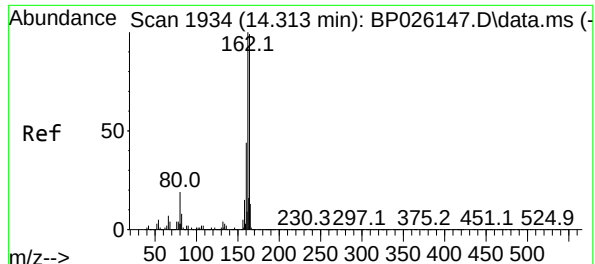


#38
1-Methylnaphthalene
Concen: 40.554 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



Tgt Ion:142 Resp: 2167022
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.313 min Scan# 1934

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:164 Resp: 933300

Ion Ratio Lower Upper

164 100

162 100.7 80.3 120.5

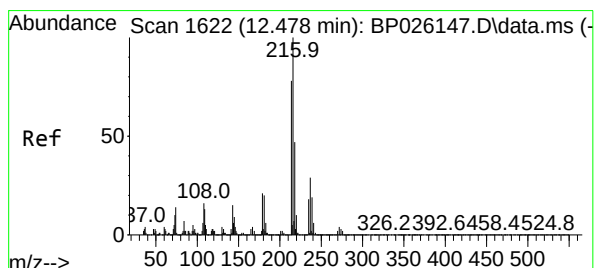
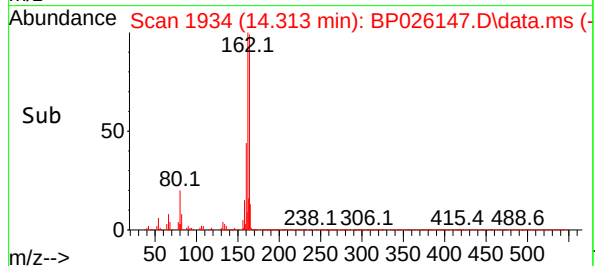
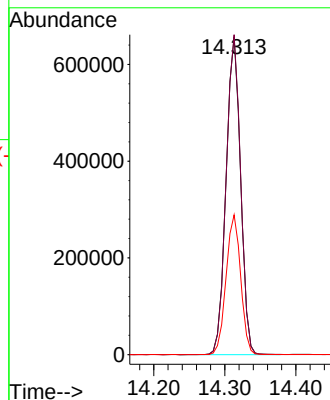
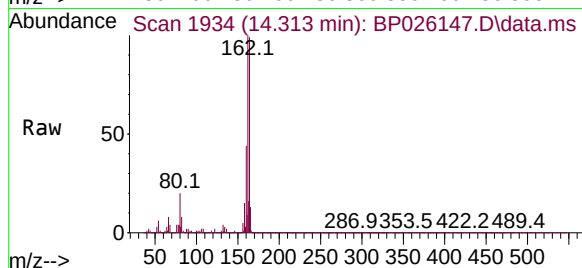
160 43.9 35.2 52.8

Manual Integrations

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Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.601 ng

RT: 12.478 min Scan# 1622

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Tgt Ion:216 Resp: 1113781

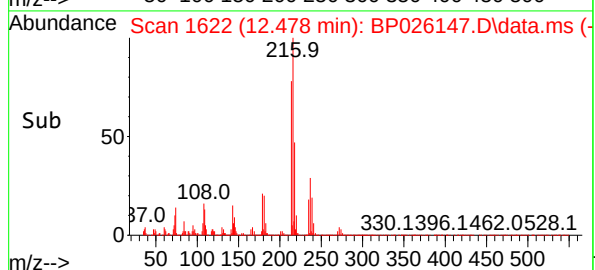
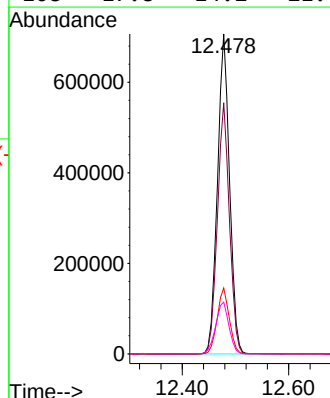
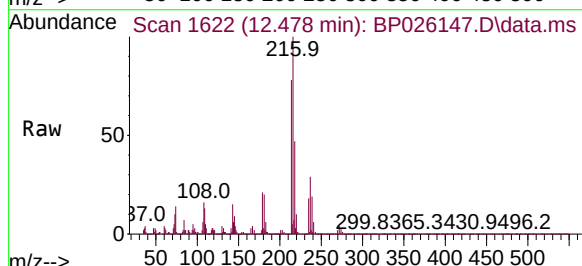
Ion Ratio Lower Upper

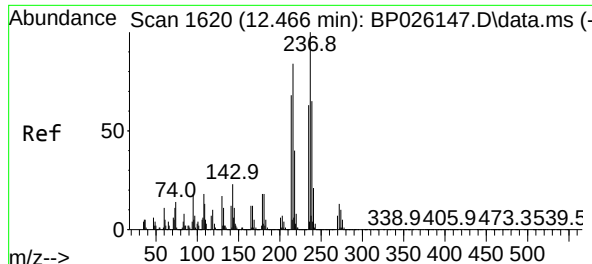
216 100

214 78.1 62.6 94.0

179 20.6 16.6 25.0

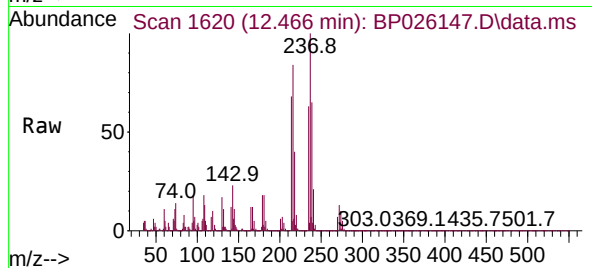
108 17.8 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 40.264 ng
RT: 12.466 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

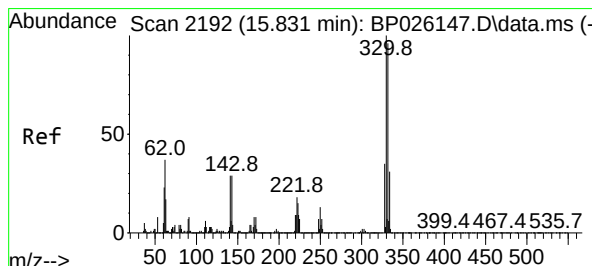
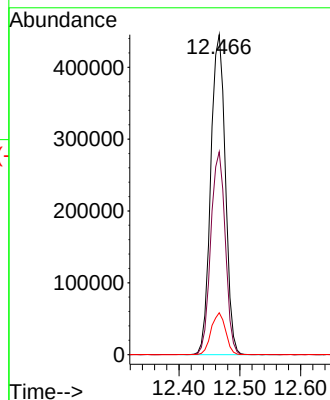
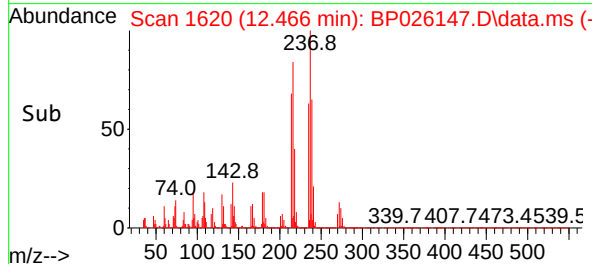
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040



Tgt Ion: 237 Resp: 739123
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 13.1 0.0 32.9

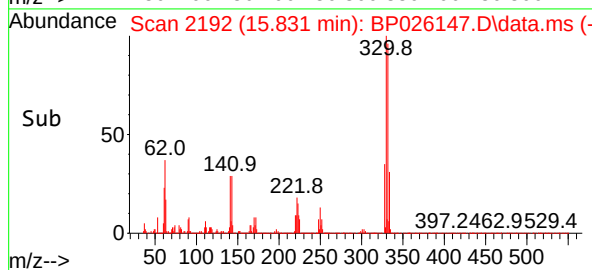
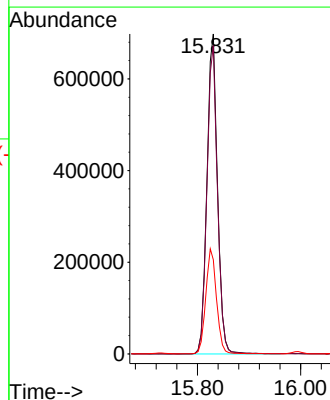
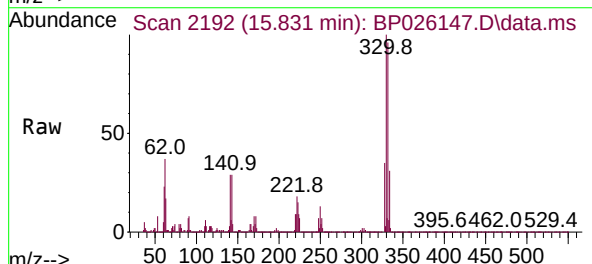
Manual Integrations
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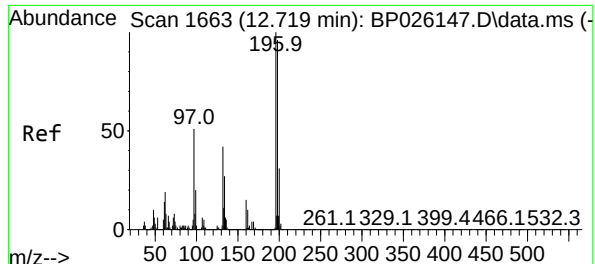
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#42
2,4,6-Tribromophenol
Concen: 81.498 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 330 Resp: 985641
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 33.5 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 40.484 ng

RT: 12.719 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 783545

Ion Ratio Lower Upper

196 100

198 96.2 76.9 115.3

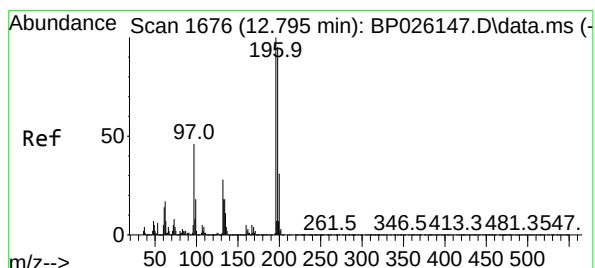
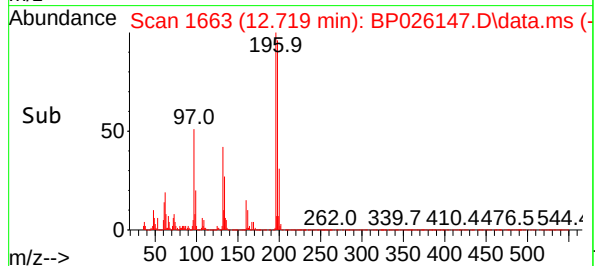
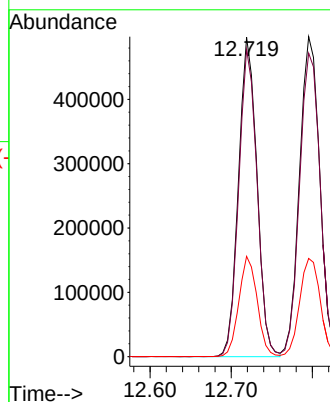
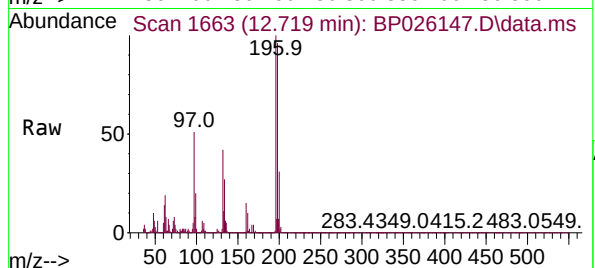
200 31.4 24.6 37.0

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#44

2,4,5-Trichlorophenol

Concen: 40.362 ng

RT: 12.795 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Tgt Ion:196 Resp: 871078

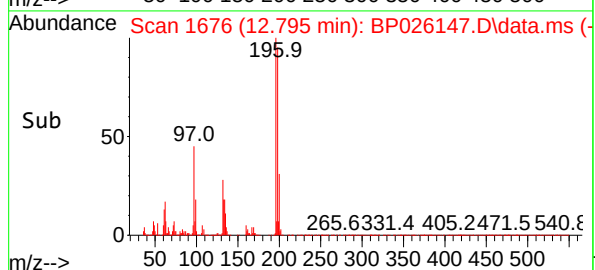
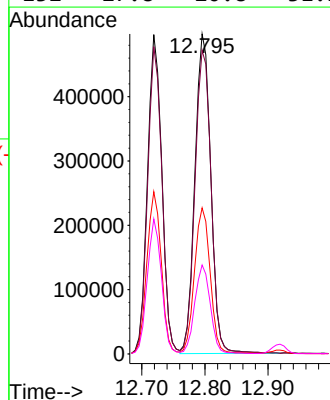
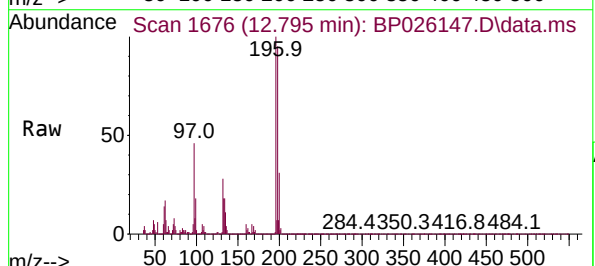
Ion Ratio Lower Upper

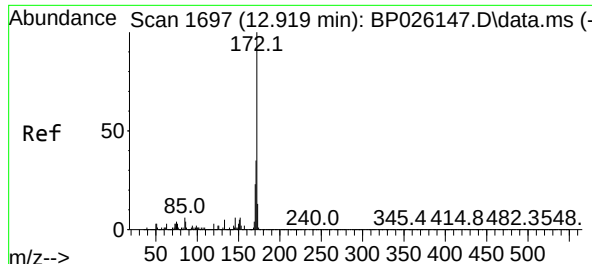
196 100

198 94.8 76.4 114.6

97 45.6 35.7 53.5

132 27.8 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 78.020 ng

RT: 12.919 min Scan# 1697

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 4991155

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

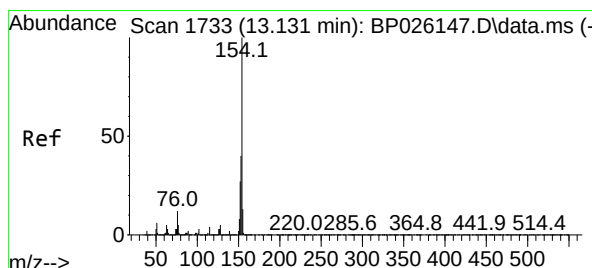
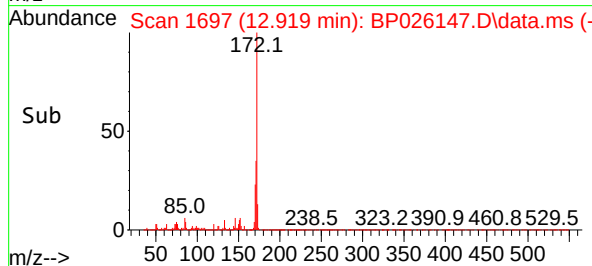
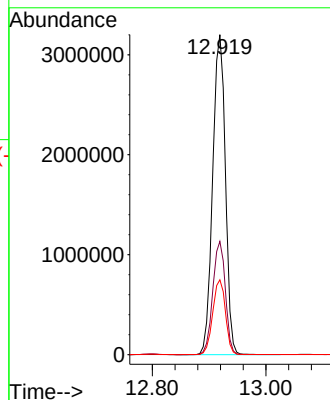
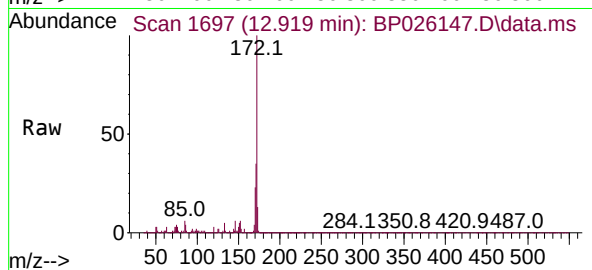
170 23.4 18.7 28.1

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#46

1,1'-Biphenyl

Concen: 39.689 ng

RT: 13.131 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

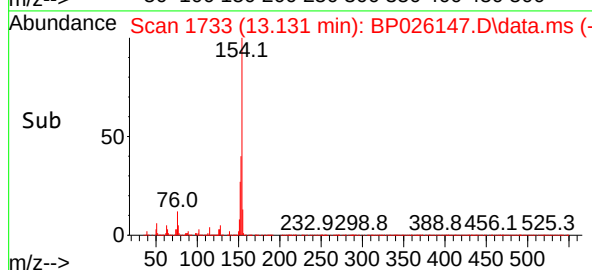
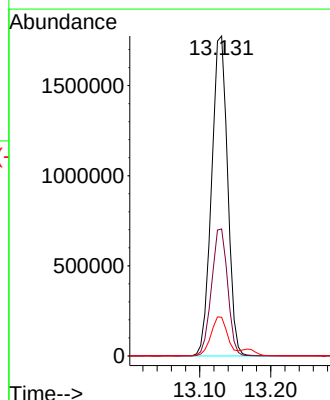
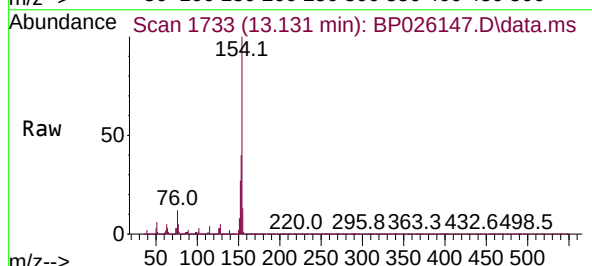
Tgt Ion:154 Resp: 2780286

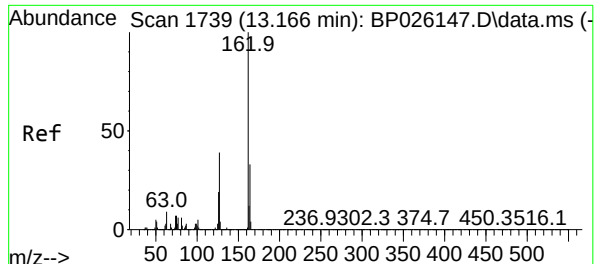
Ion Ratio Lower Upper

154 100

153 39.7 20.3 60.3

76 12.1 0.0 32.3





#47

2-Chloronaphthalene

Concen: 39.633 ng

RT: 13.166 min Scan# 1739

Delta R.T. -0.018 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 2182735

Ion Ratio Lower Upper

162 100

127 39.1 30.9 46.3

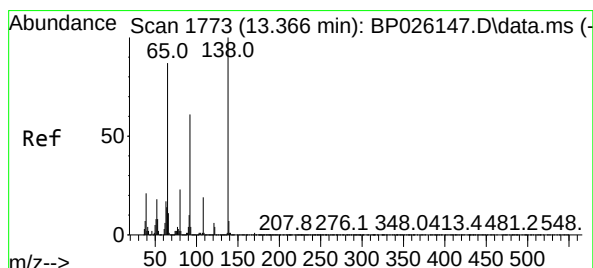
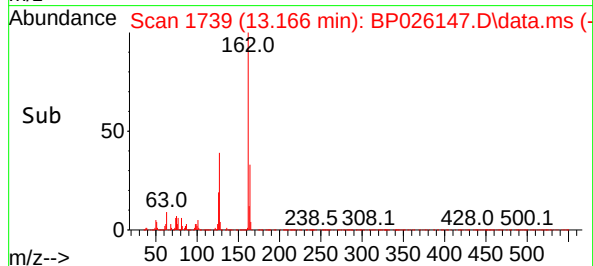
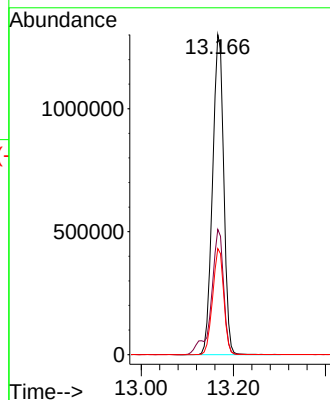
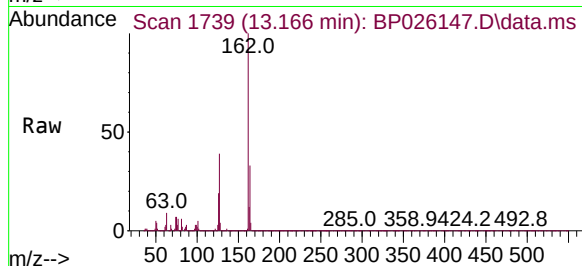
164 33.1 26.4 39.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#48

2-Nitroaniline

Concen: 41.000 ng

RT: 13.366 min Scan# 1773

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

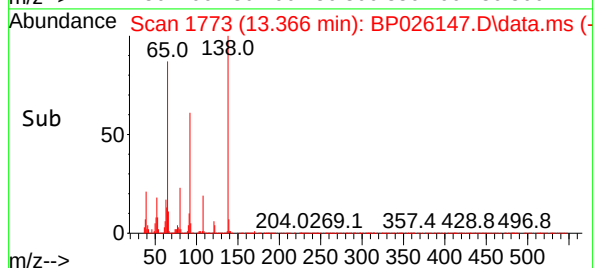
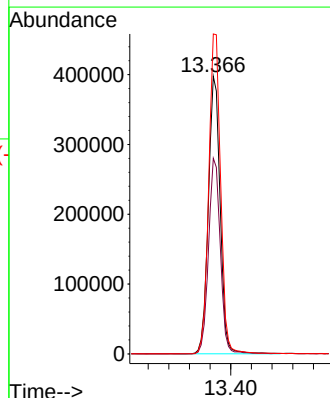
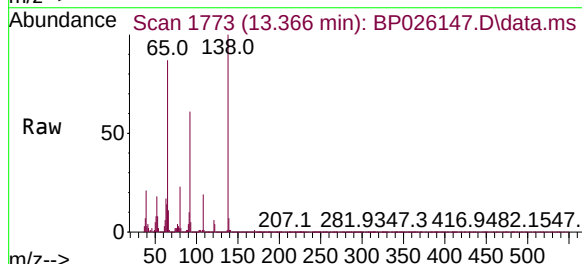
Tgt Ion: 65 Resp: 630592

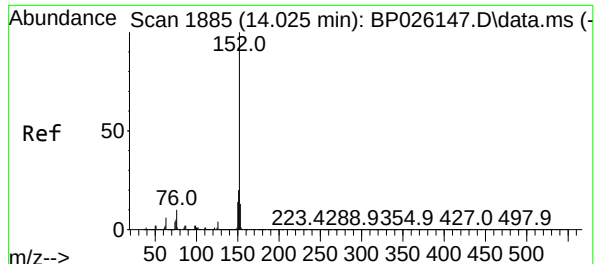
Ion Ratio Lower Upper

65 100

92 70.5 59.1 88.7

138 115.3 96.6 145.0





#49

Acenaphthylene

Concen: 39.879 ng

RT: 14.025 min Scan# 1885

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

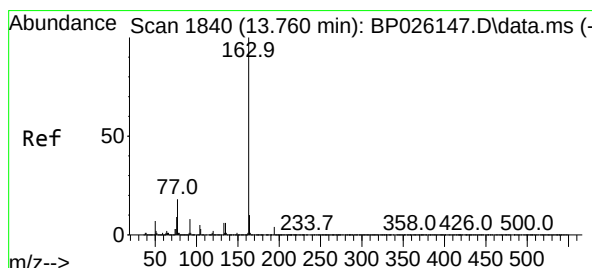
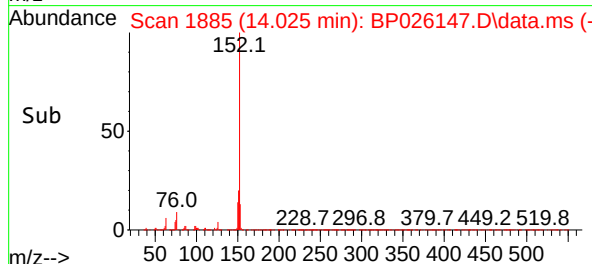
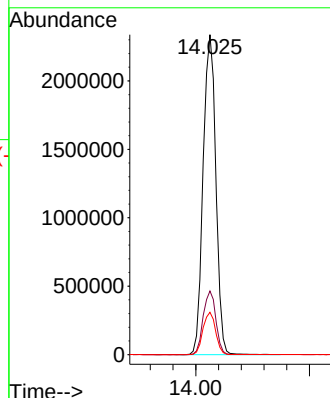
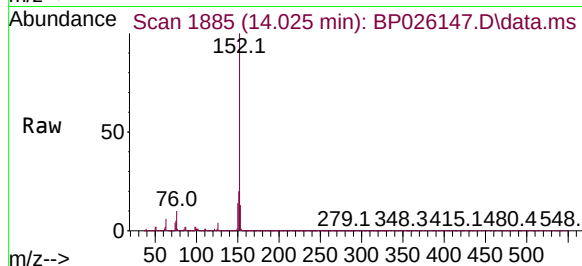
Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:	152	Resp:	363384
Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	10.6	16.0

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

#50

Dimethylphthalate

Concen: 40.098 ng

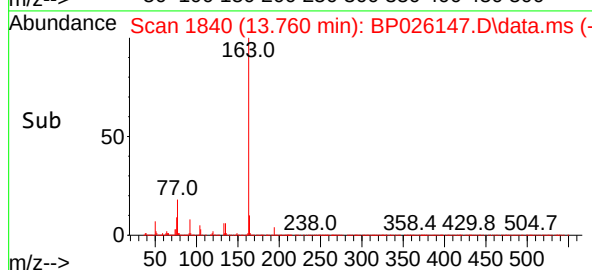
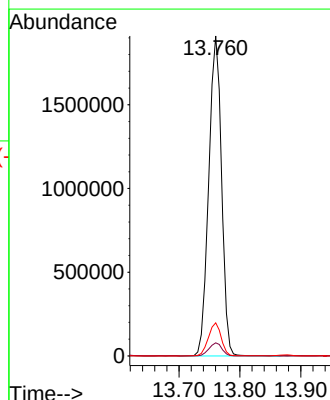
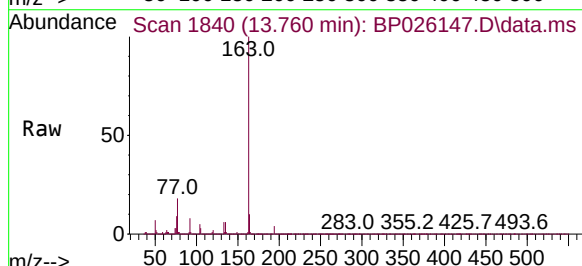
RT: 13.760 min Scan# 1840

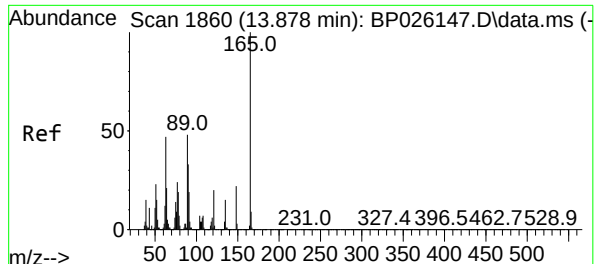
Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

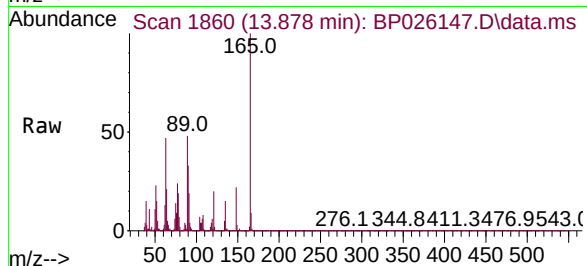
Tgt Ion:	163	Resp:	2788637
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 42.806 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

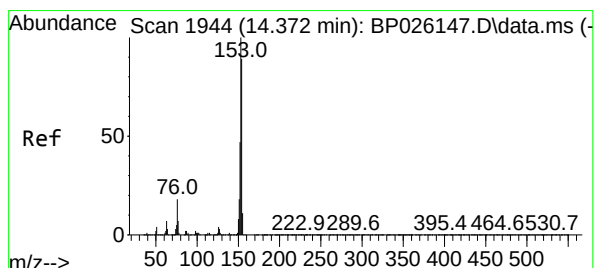
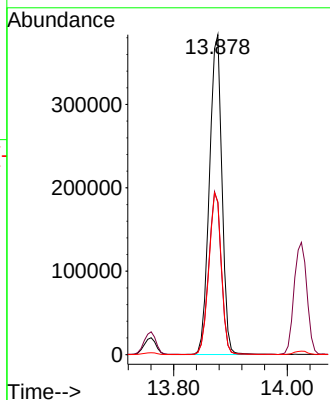
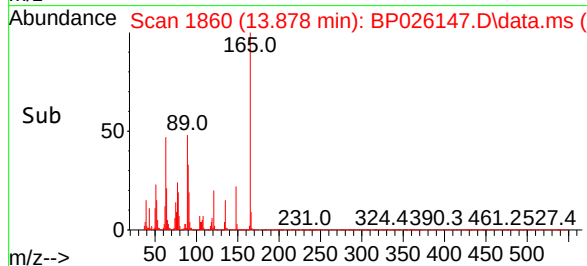
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 588736
Ion Ratio Lower Upper
165 100
63 47.4 40.5 60.7
89 47.7 41.3 61.9

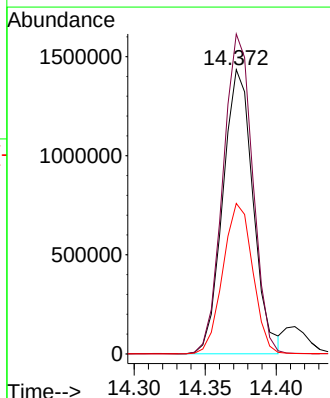
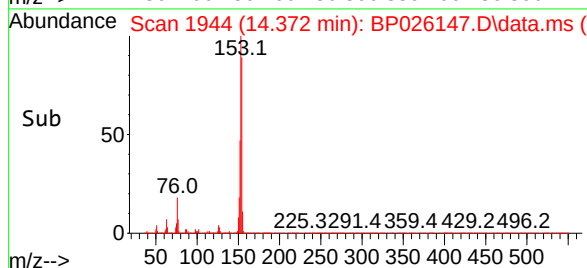
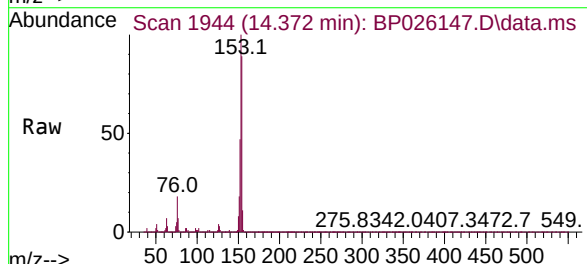
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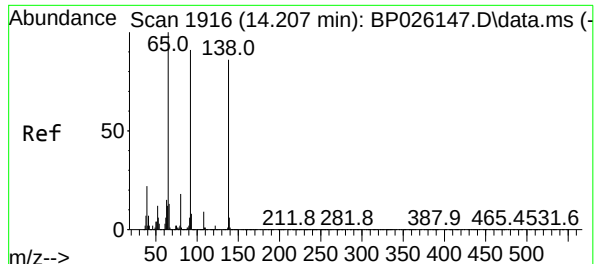
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 39.859 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:154 Resp: 2124219
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 52.9 42.8 64.2





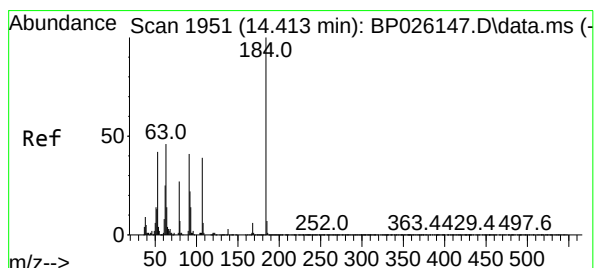
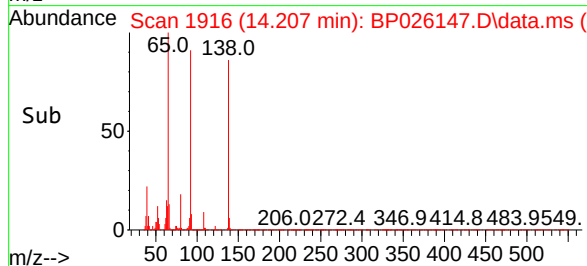
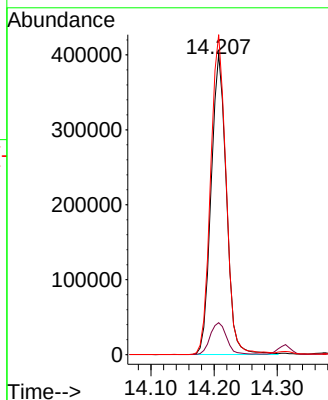
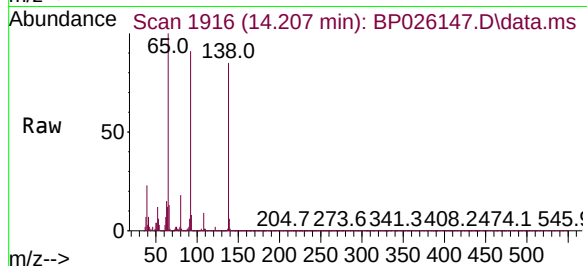
#53
3-Nitroaniline
Concen: 41.586 ng
RT: 14.207 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 675665
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 106.5 86.3 129.5

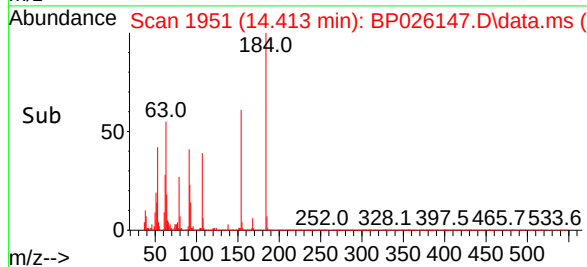
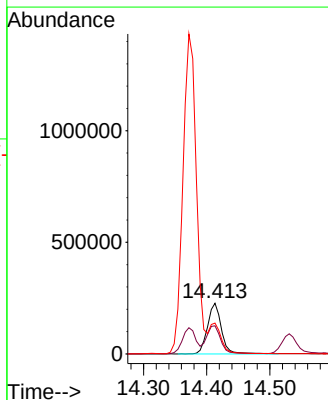
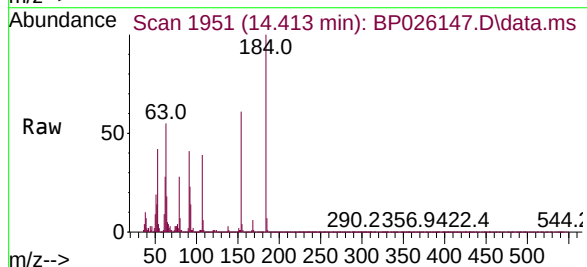
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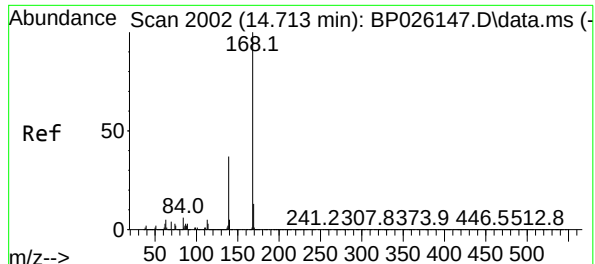
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 42.038 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

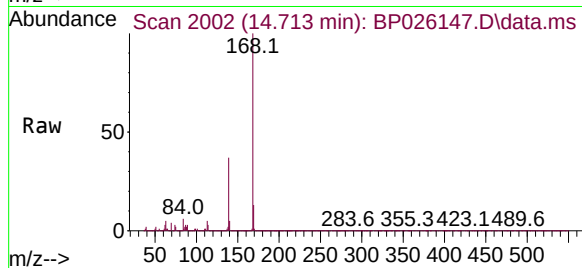
Tgt Ion:184 Resp: 346832
Ion Ratio Lower Upper
184 100
63 55.4 43.1 64.7
154 60.8 49.5 74.3





#55
Dibenzenofuran
Concen: 39.554 ng
RT: 14.713 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

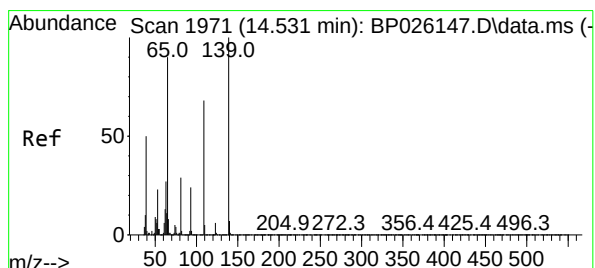
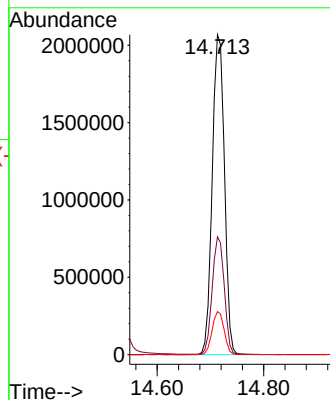
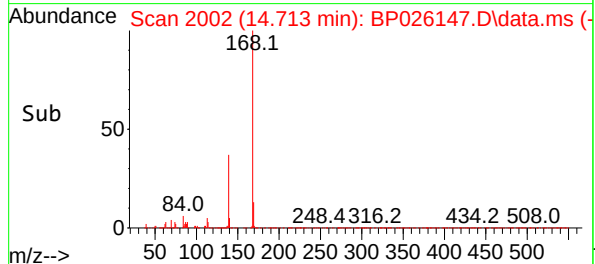
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 3294100
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.6
169 13.4 10.9 16.3

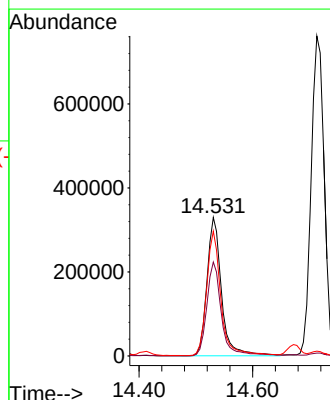
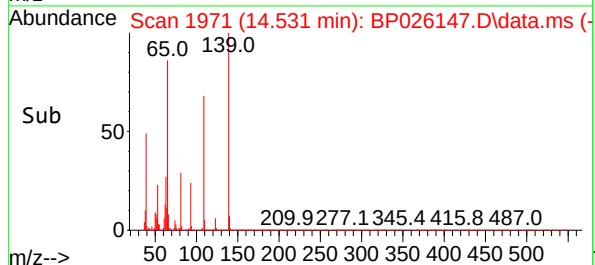
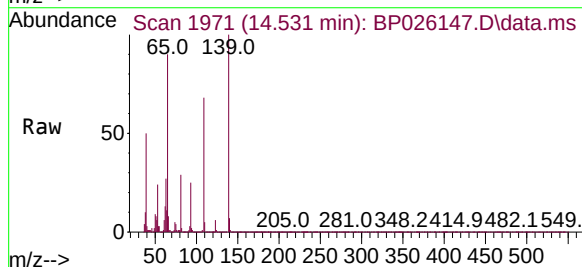
Manual Integrations
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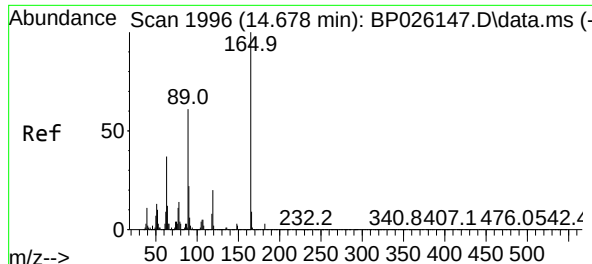
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#56
4-Nitrophenol
Concen: 39.974 ng
RT: 14.531 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

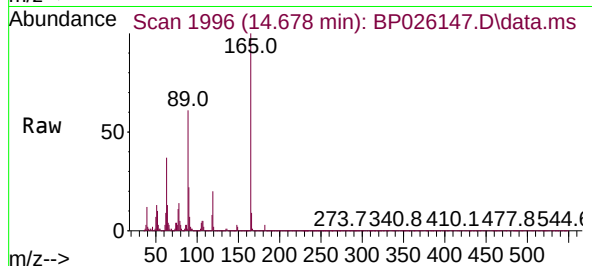
Tgt Ion:139 Resp: 589592
Ion Ratio Lower Upper
139 100
109 67.7 46.8 86.8
65 90.0 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 42.152 ng
RT: 14.678 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

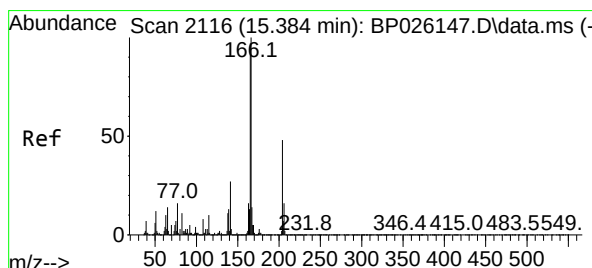
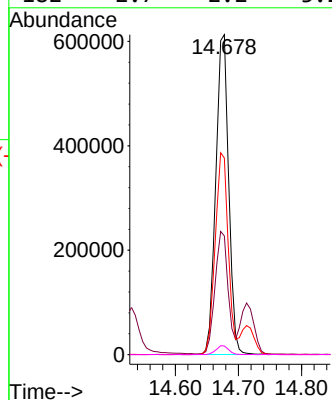
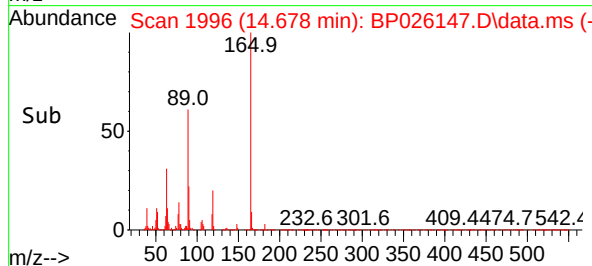
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 871532
Ion Ratio Lower Upper
165 100
63 37.1 31.0 46.6
89 61.4 51.7 77.5
182 2.7 2.2 3.2

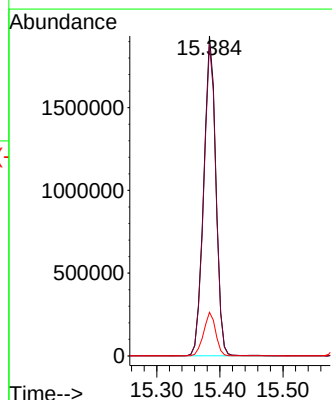
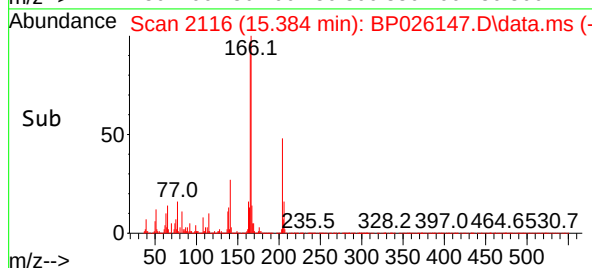
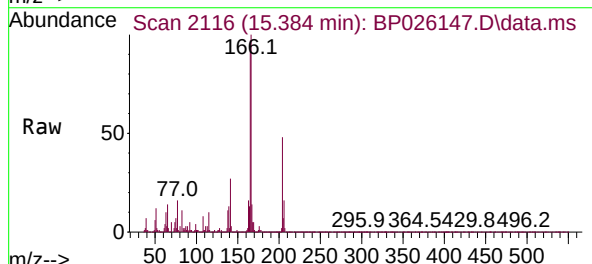
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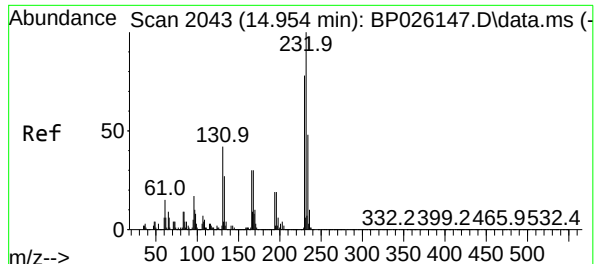
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 39.135 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:166 Resp: 2576477
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.827 ng

RT: 14.954 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 746296

Ion Ratio Lower Upper

232 100

131 43.2 34.8 52.2

130 2.2 1.8 2.8

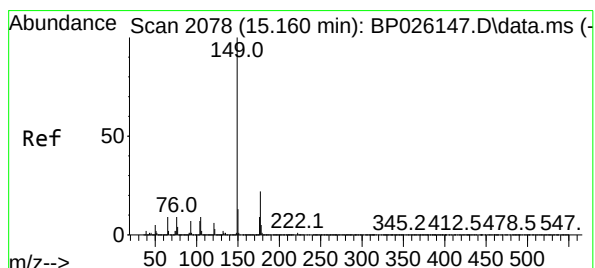
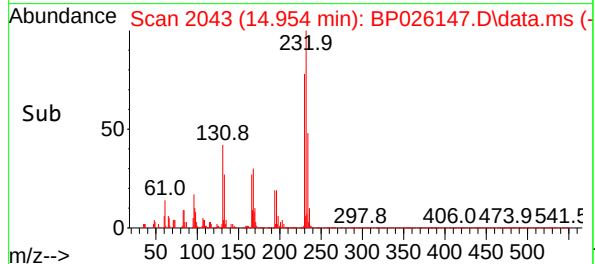
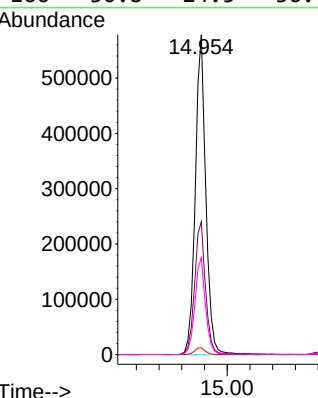
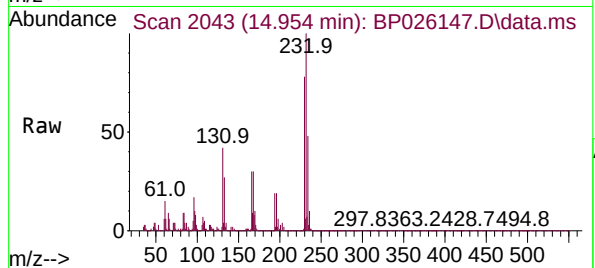
166 30.8 24.5 36.7

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#60

Diethylphthalate

Concen: 40.313 ng

RT: 15.160 min Scan# 2078

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

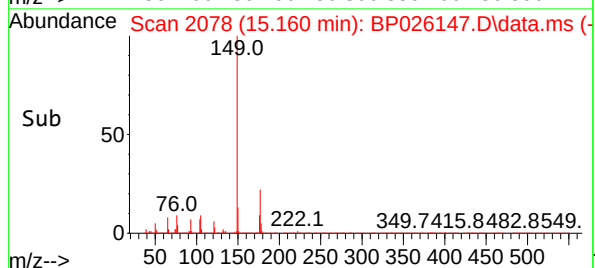
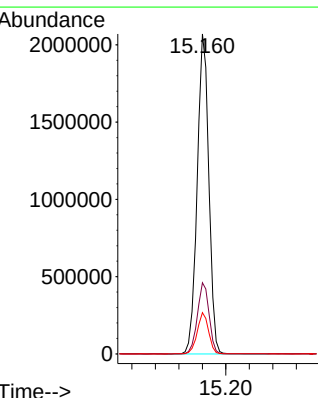
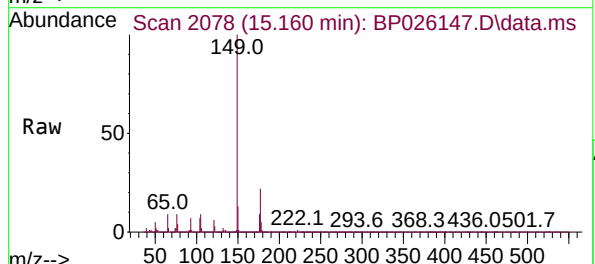
Tgt Ion:149 Resp: 2841743

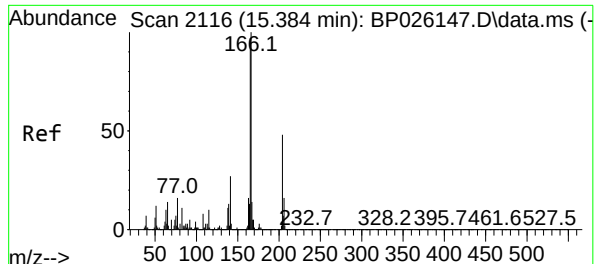
Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

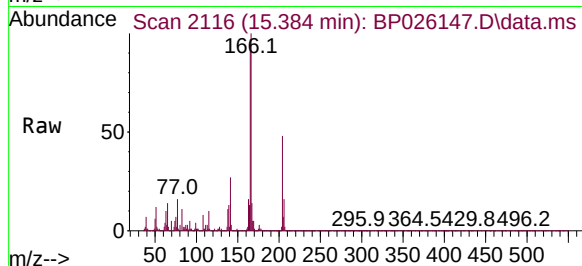
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.576 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

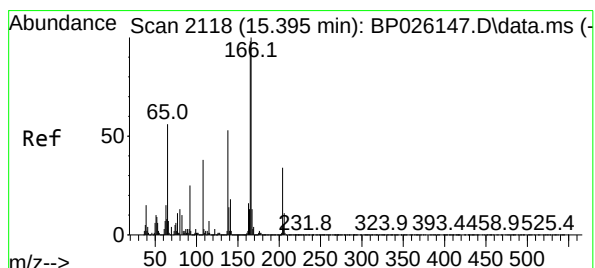
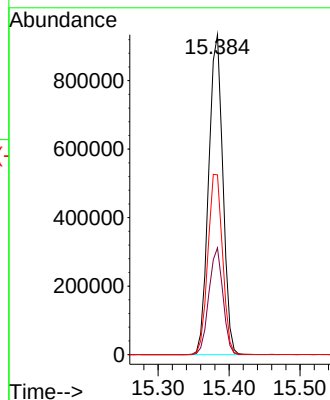
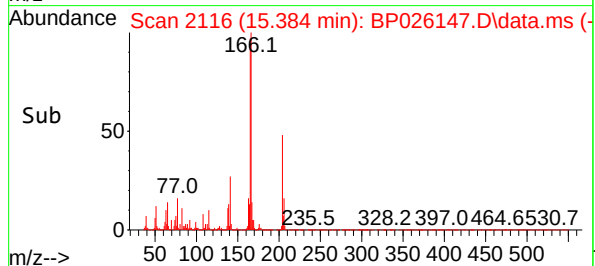
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 204 Resp: 1293329
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 56.2 48.1 72.1

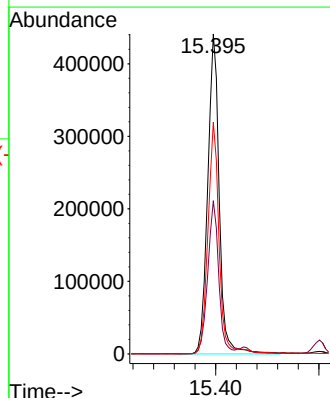
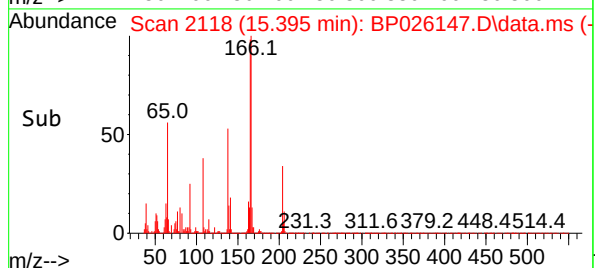
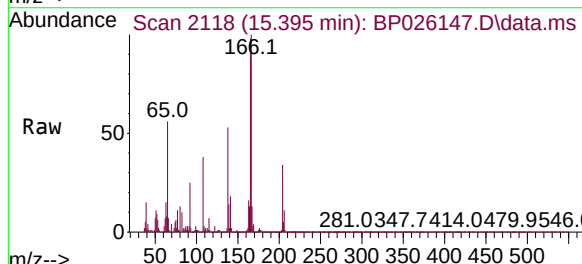
Manual Integrations
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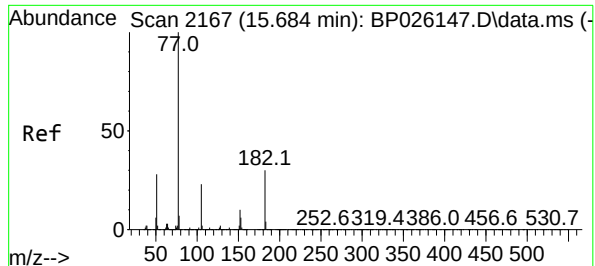
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 40.085 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

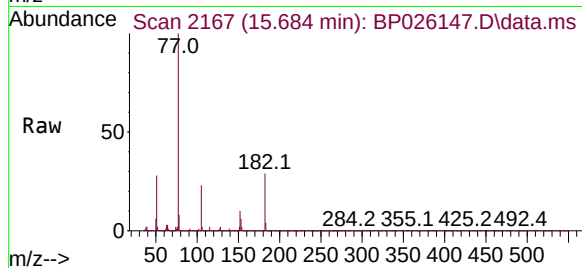
Tgt Ion: 138 Resp: 681705
Ion Ratio Lower Upper
138 100
92 47.9 27.5 67.5
108 72.4 51.1 91.1





#63
Azobenzene
Concen: 40.665 ng
RT: 15.684 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

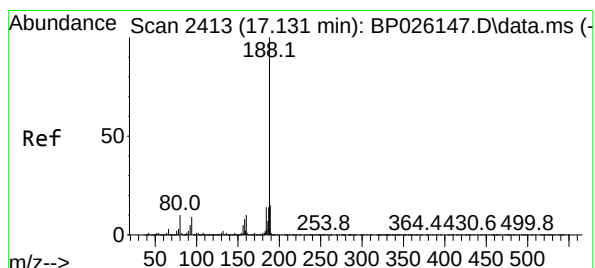
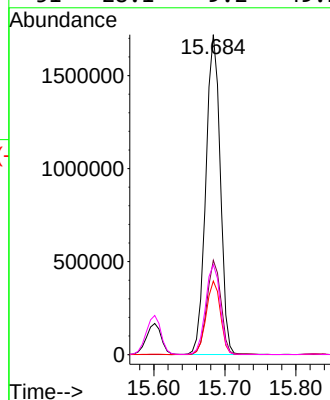
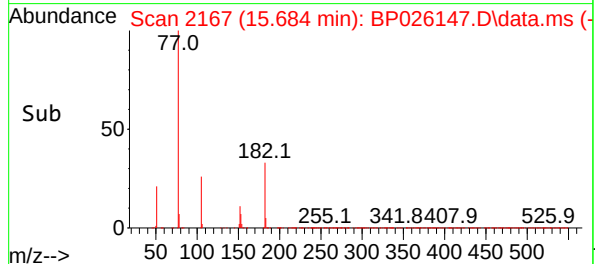
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 2408368
Ion Ratio Lower Upper
77 100
182 29.5 8.8 48.8
105 23.0 2.6 42.6
51 28.1 9.2 49.2

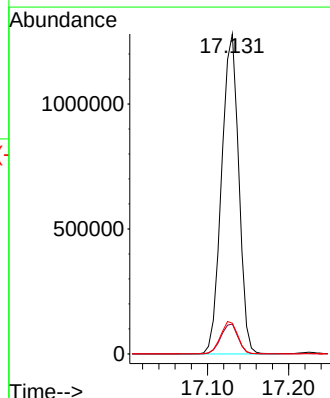
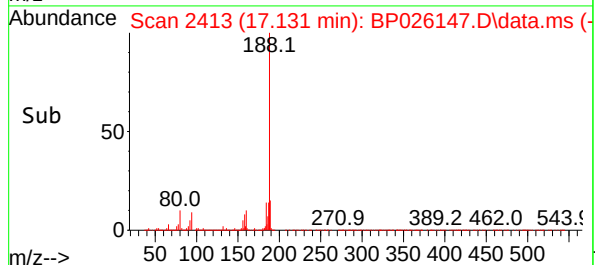
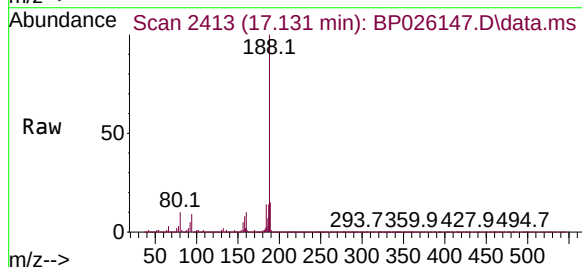
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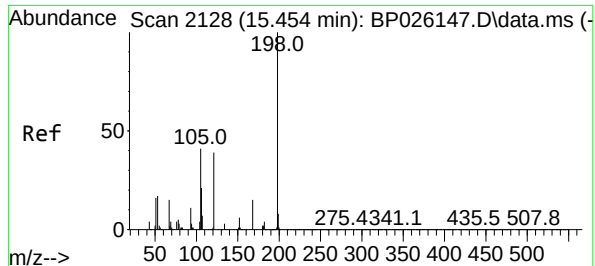
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:188 Resp: 1878028
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 9.6 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 42.621 ng

RT: 15.454 min Scan# 2128

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:198 Resp: 503716

Ion Ratio Lower Upper

198 100

51 40.9 18.4 58.4

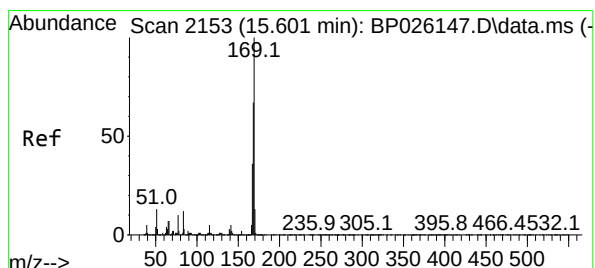
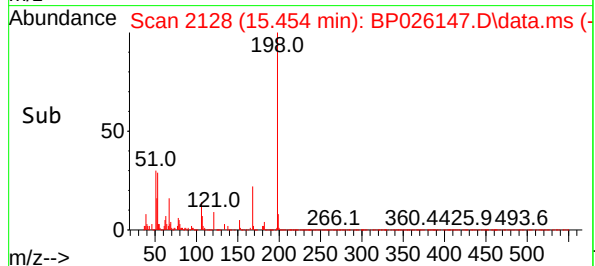
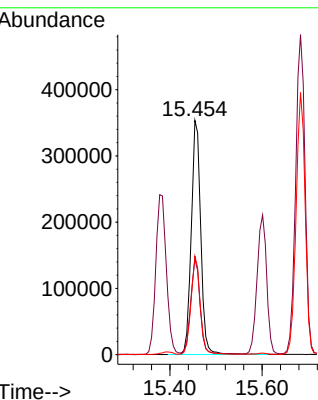
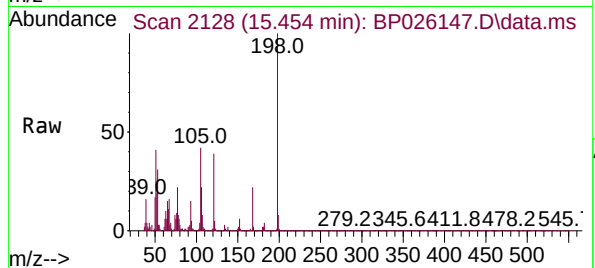
105 42.0 18.5 58.5

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#66

n-Nitrosodiphenylamine

Concen: 40.344 ng

RT: 15.601 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

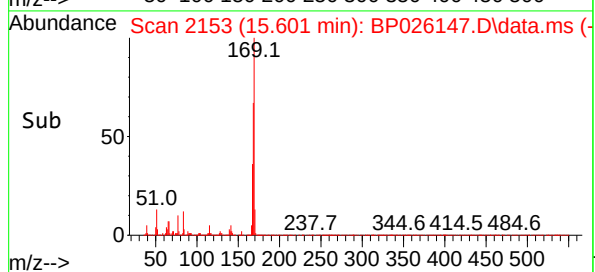
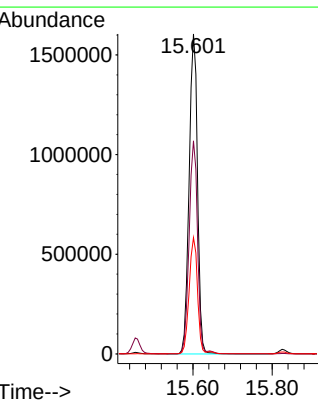
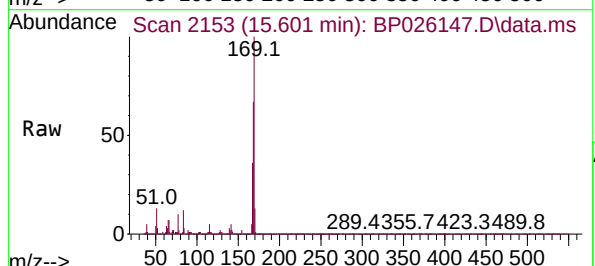
Tgt Ion:169 Resp: 2344222

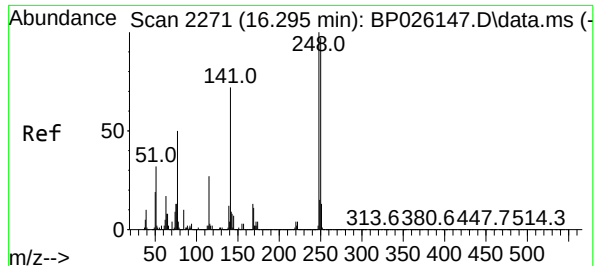
Ion Ratio Lower Upper

169 100

168 66.6 53.1 79.7

167 36.3 28.9 43.3





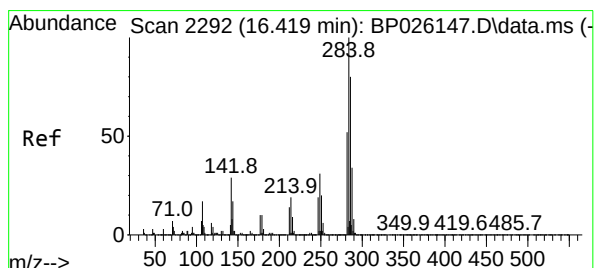
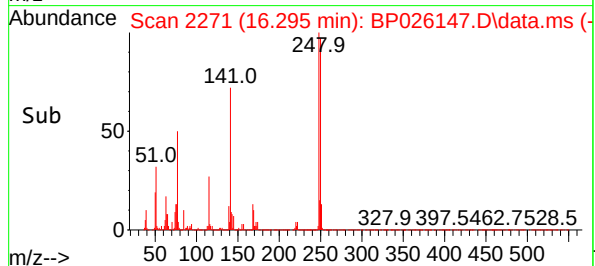
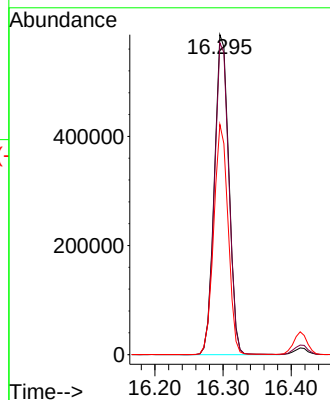
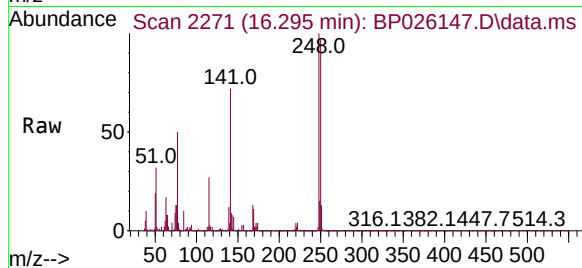
#67
4-Bromophenyl-phenylether
Concen: 41.519 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 861696
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 71.9 55.4 83.0

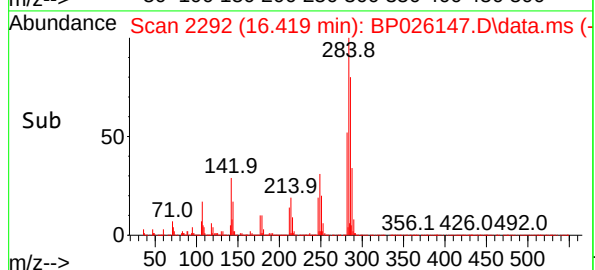
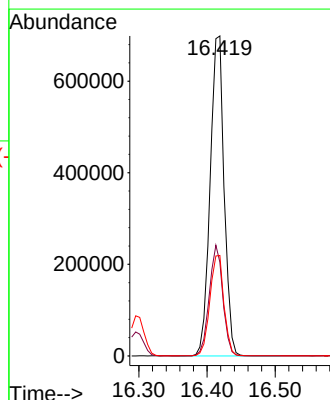
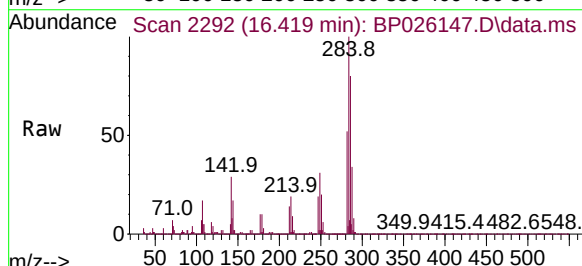
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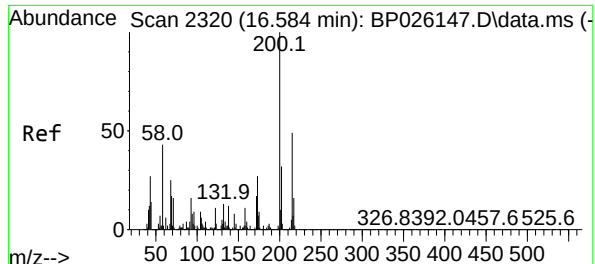
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68
Hexachlorobenzene
Concen: 41.466 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

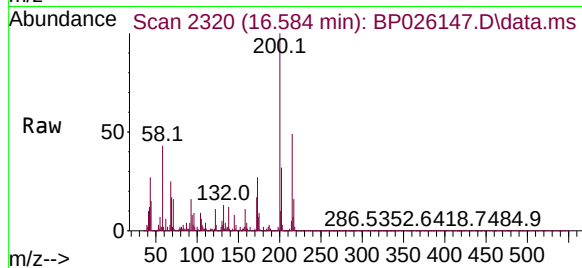
Tgt Ion:284 Resp: 994319
Ion Ratio Lower Upper
284 100
142 29.3 28.0 42.0
249 31.4 25.0 37.4





#69
Atrazine
Concen: 40.815 ng
RT: 16.584 min Scan# 2320
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

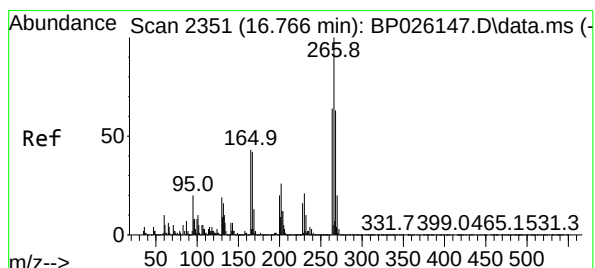
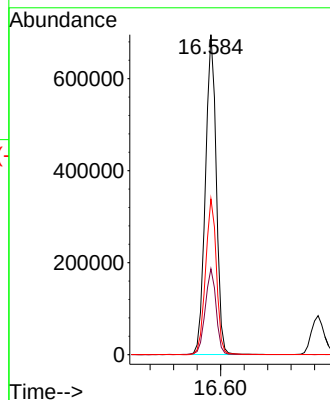
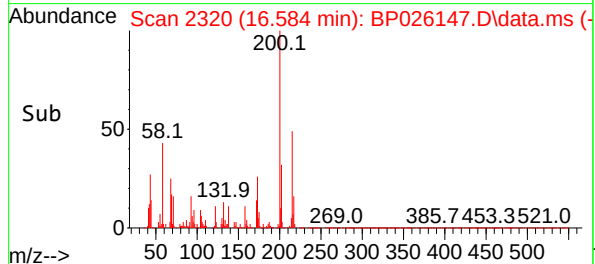
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 893064
Ion Ratio Lower Upper
200 100
173 26.8 6.7 46.7
215 48.7 27.4 67.4

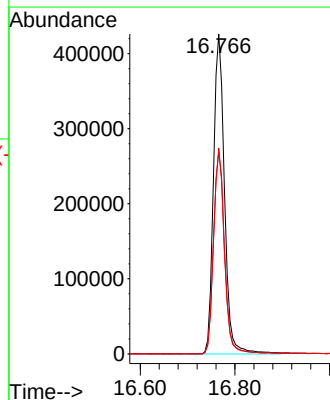
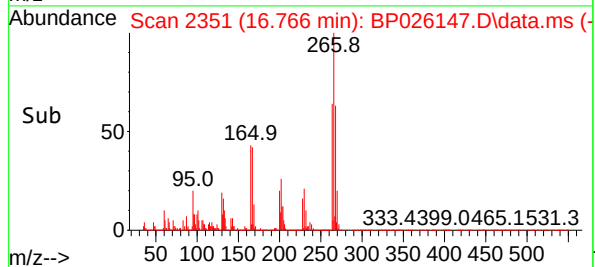
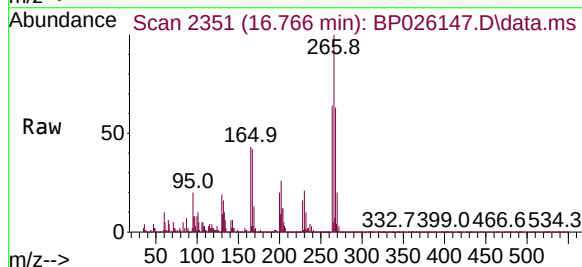
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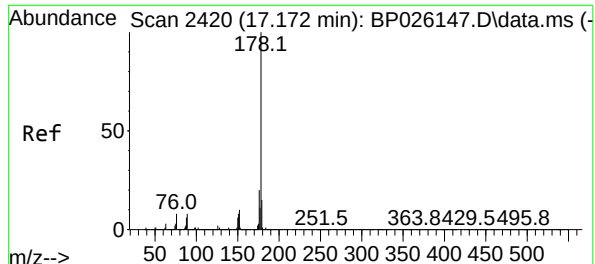
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#70
Pentachlorophenol
Concen: 40.947 ng
RT: 16.766 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:266 Resp: 688877
Ion Ratio Lower Upper
266 100
268 63.2 51.0 76.4
264 64.3 50.2 75.2





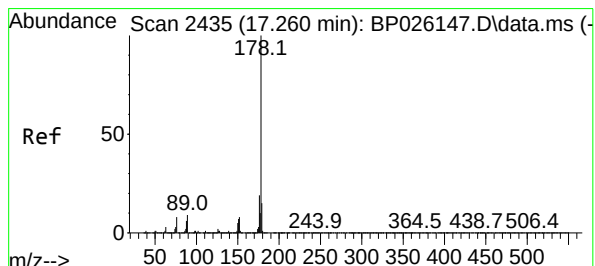
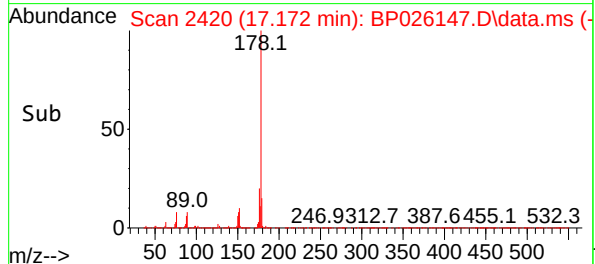
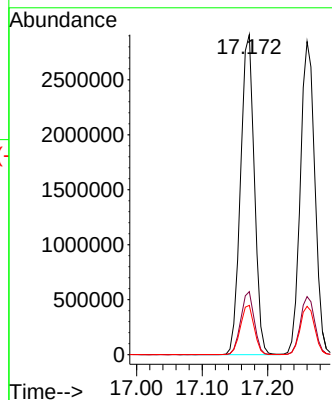
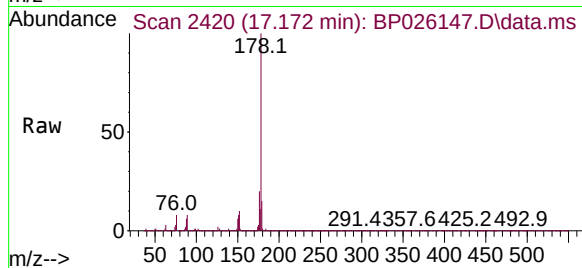
#71
Phenanthrene
Concen: 39.682 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
Client Sample Id :
SSTDICCC040

Tgt Ion:178 Resp: 421615
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.4 12.4 18.6

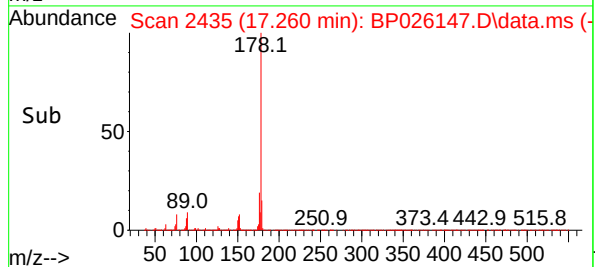
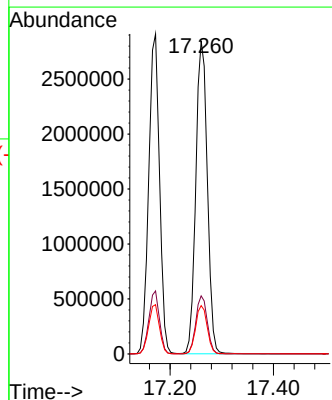
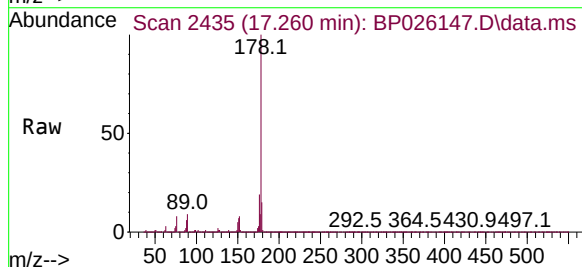
Manual Integrations
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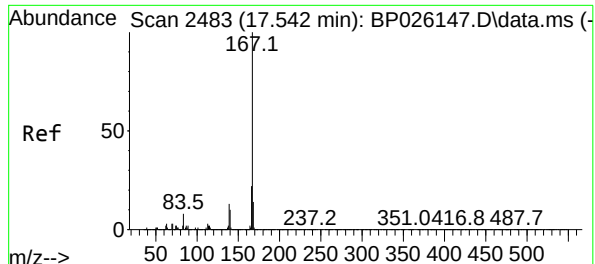
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 40.544 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

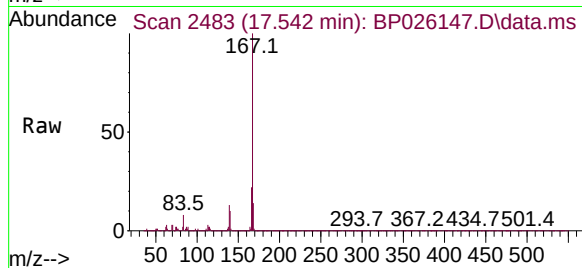
Tgt Ion:178 Resp: 4399641
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.2 18.4





#73
Carbazole
Concen: 40.424 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

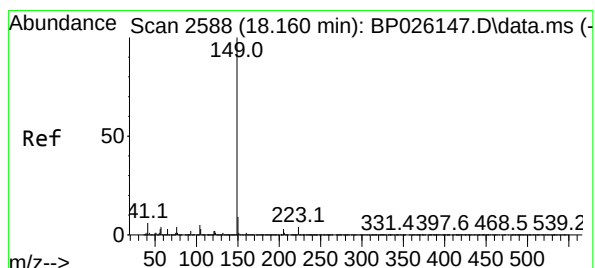
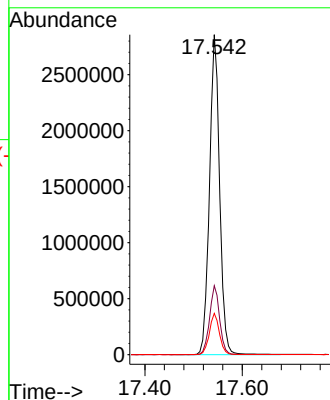
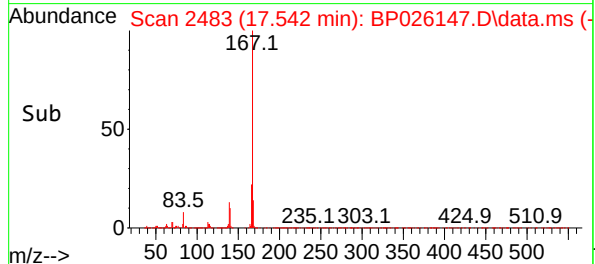
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040



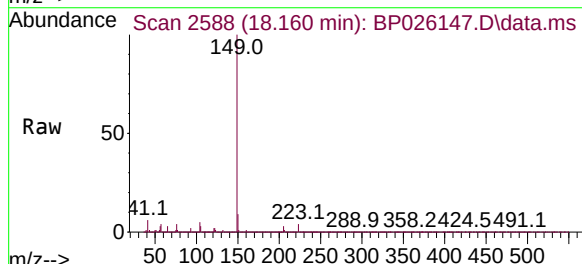
Tgt Ion:167 Resp: 414984
Ion Ratio Lower Upper
167 100
166 21.5 17.1 25.7
139 12.9 10.2 15.4

Manual Integrations
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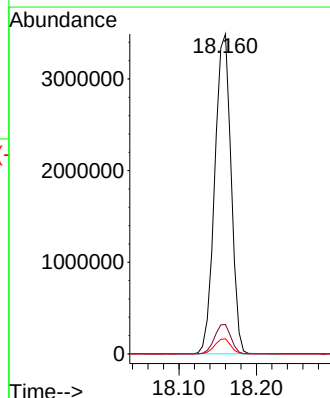
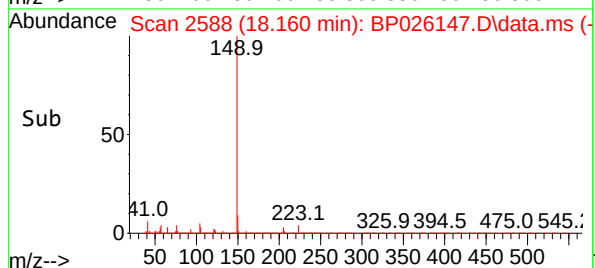
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

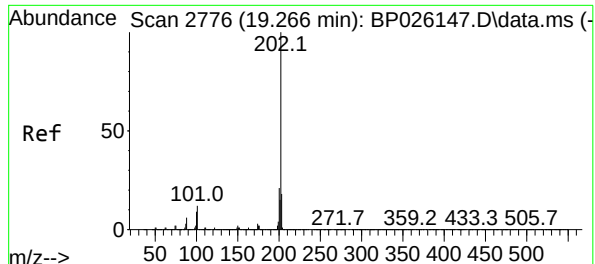


#74
Di-n-butylphthalate
Concen: 41.877 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



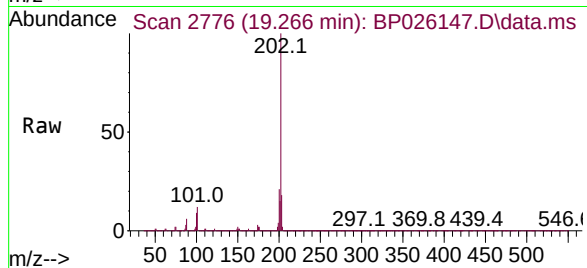
Tgt Ion:149 Resp: 5102416
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 39.601 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

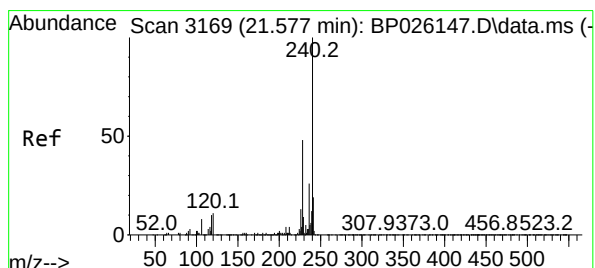
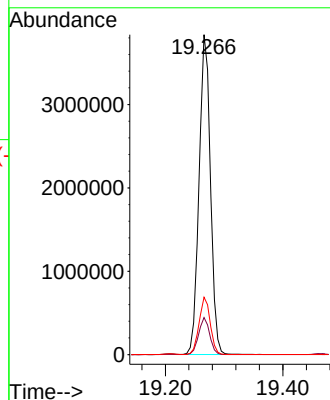
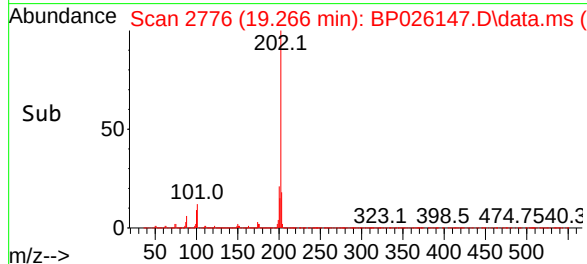
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 5142583
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.2
203 17.9 0.0 37.7

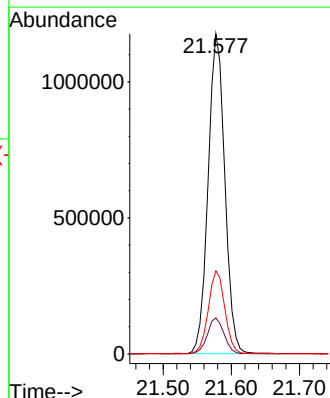
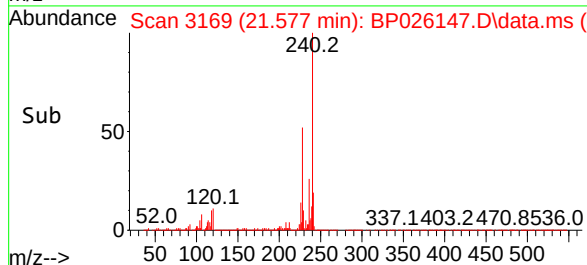
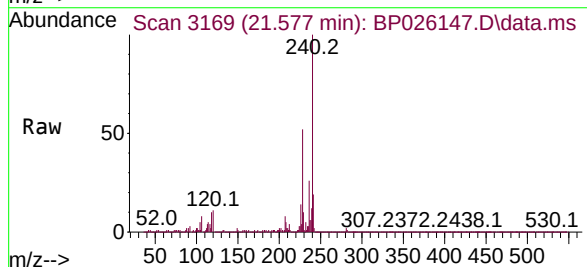
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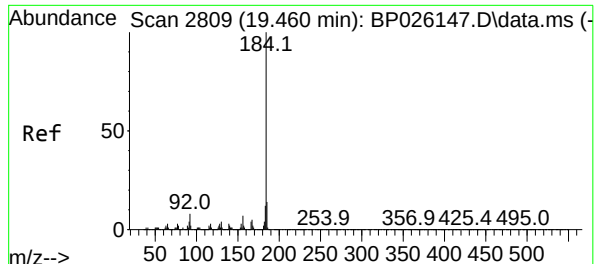
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:240 Resp: 1999579
Ion Ratio Lower Upper
240 100
120 11.2 9.0 13.4
236 25.9 20.4 30.6





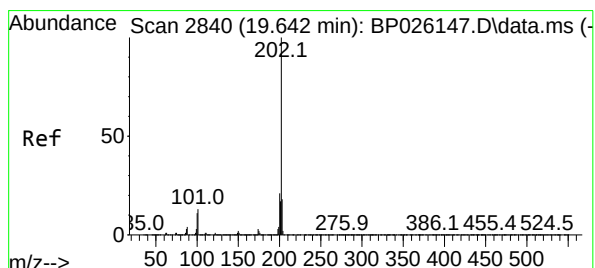
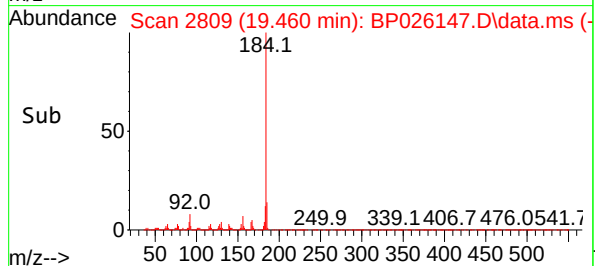
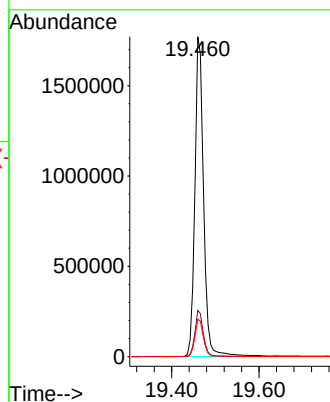
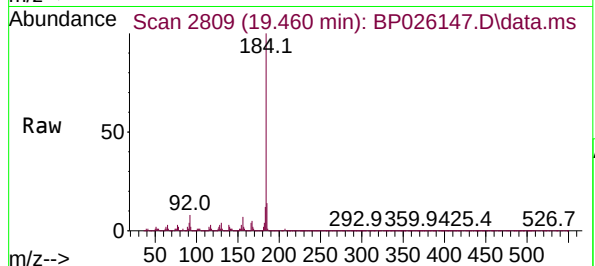
#77
Benzidine
Concen: 40.014 ng
RT: 19.460 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 2462804
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 11.7 9.0 13.6

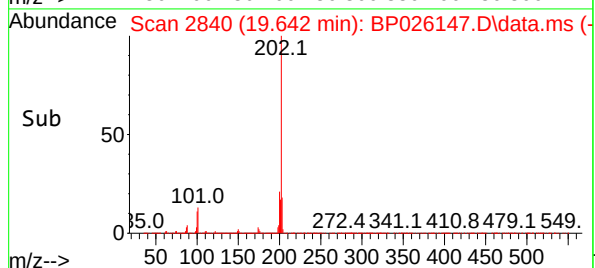
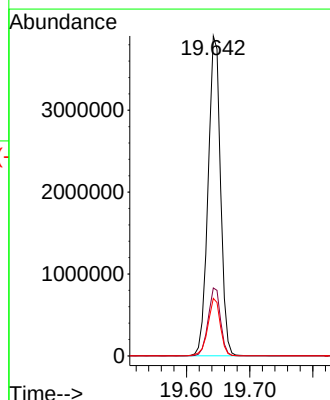
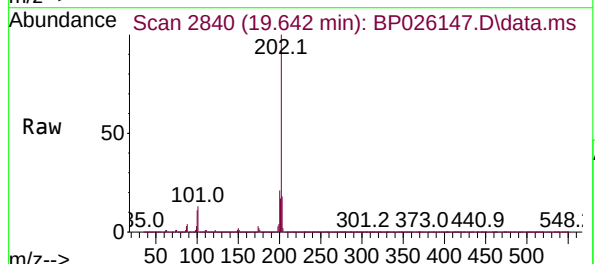
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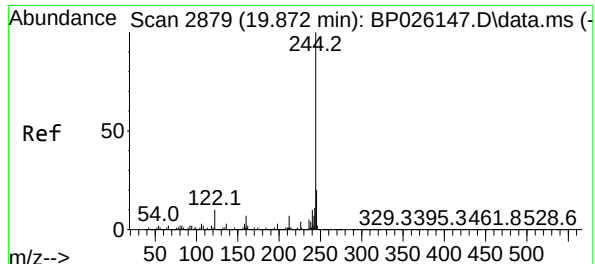
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 40.857 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

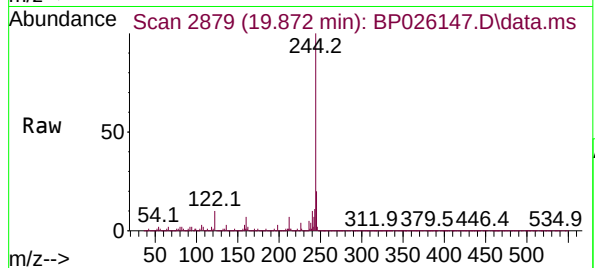
Tgt Ion:202 Resp: 5323064
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 18.0 13.8 20.8





#79
Terphenyl-d14
Concen: 80.792 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

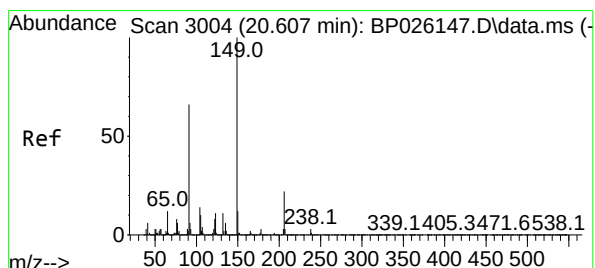
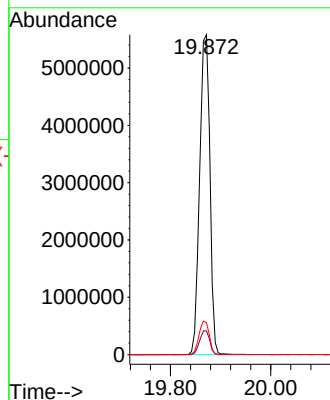
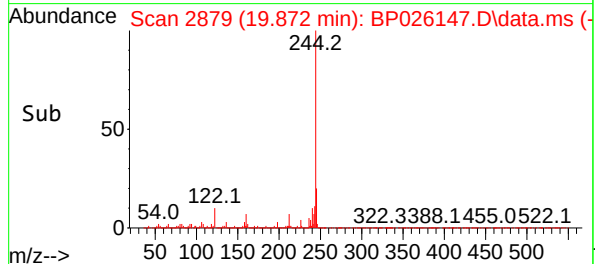
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040



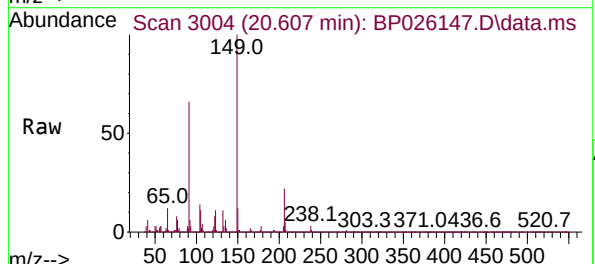
Tgt Ion: 244 Resp: 7922015
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.0 8.2 12.2

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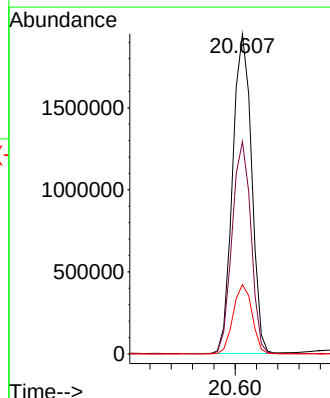
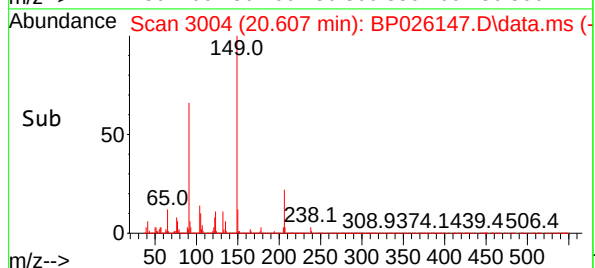
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

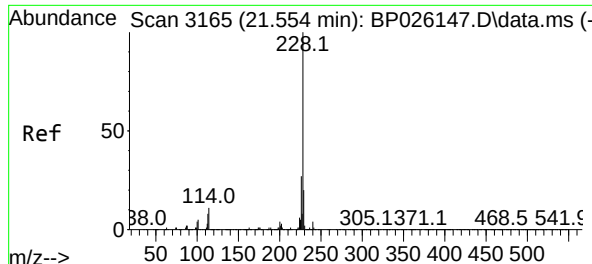


#80
Butylbenzylphthalate
Concen: 41.564 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57



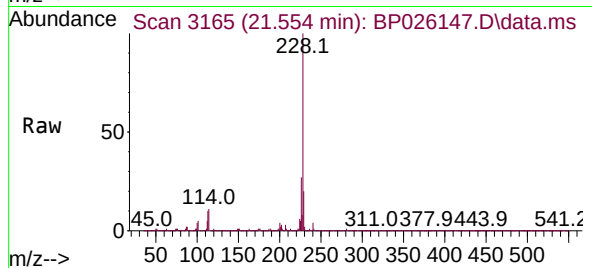
Tgt Ion: 149 Resp: 2411743
Ion Ratio Lower Upper
149 100
91 66.4 52.6 79.0
206 21.7 16.9 25.3





#81
Benzo(a)anthracene
Concen: 40.116 ng
RT: 21.554 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

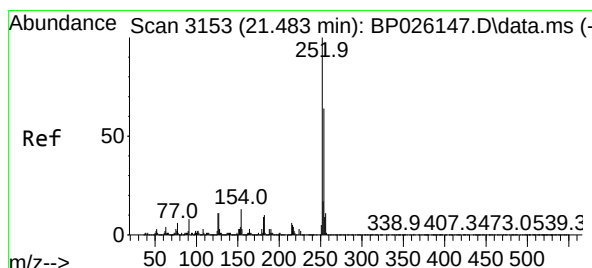
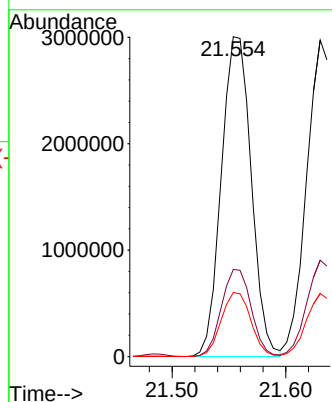
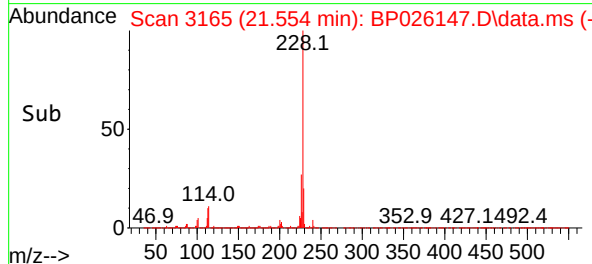
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040



Tgt Ion: 228 Resp: 550127
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 20.0 15.9 23.9

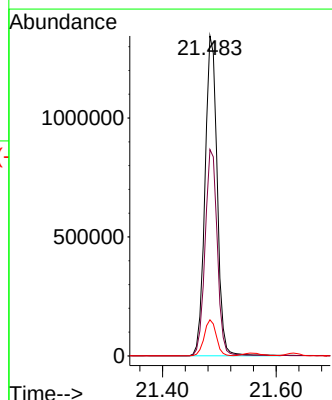
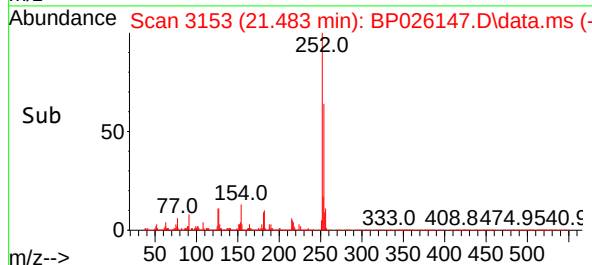
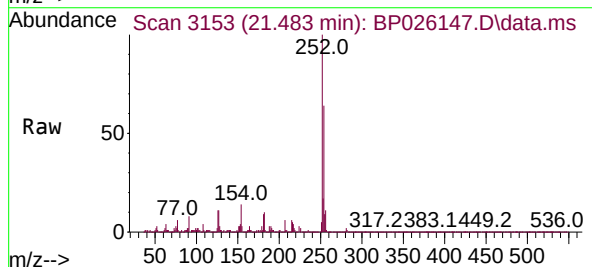
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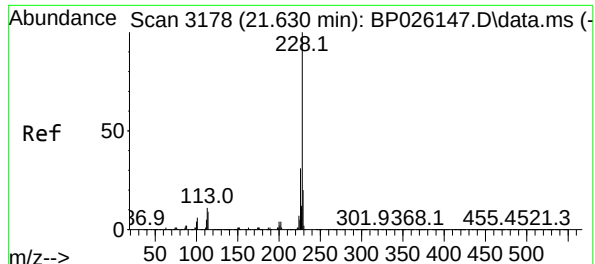
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.145 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

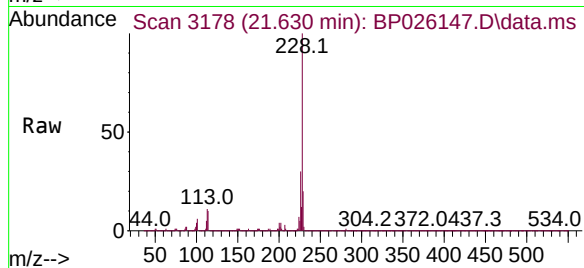
Tgt Ion: 252 Resp: 2000641
Ion Ratio Lower Upper
252 100
254 64.5 51.2 76.8
126 11.3 8.2 12.4





#83
Chrysene
Concen: 39.774 ng
RT: 21.630 min Scan# 3178
Delta R.T. 0.012 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

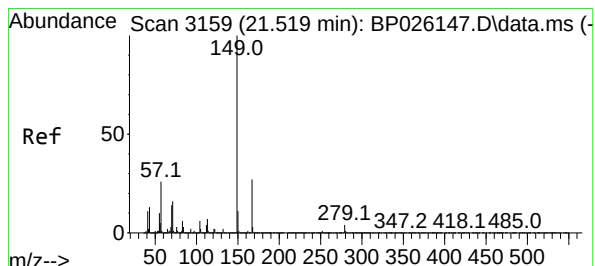
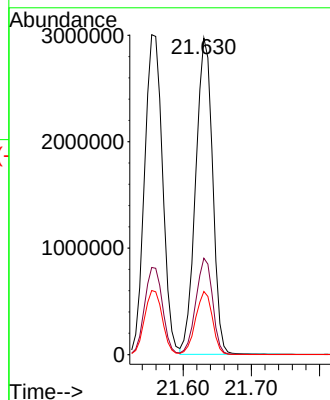
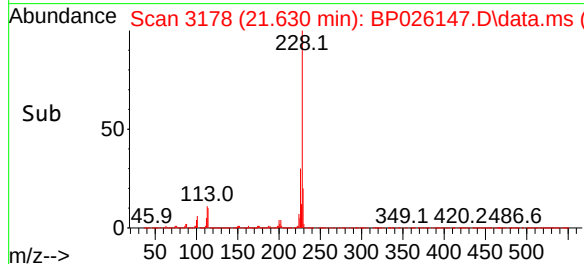
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 5135129
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 19.9 15.9 23.9

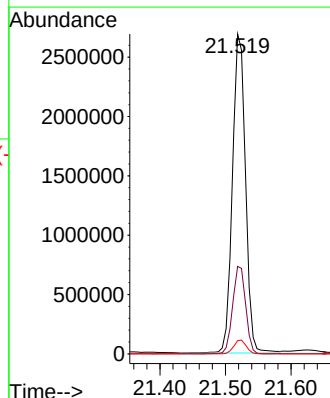
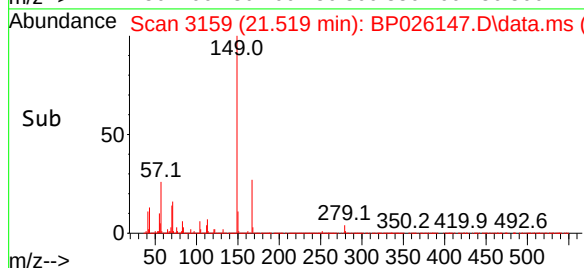
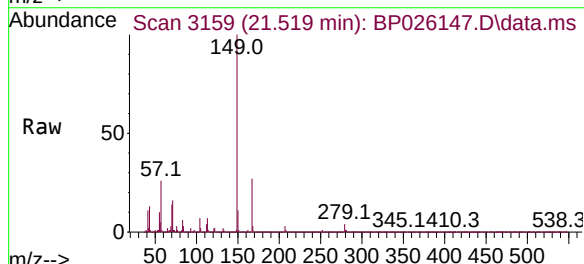
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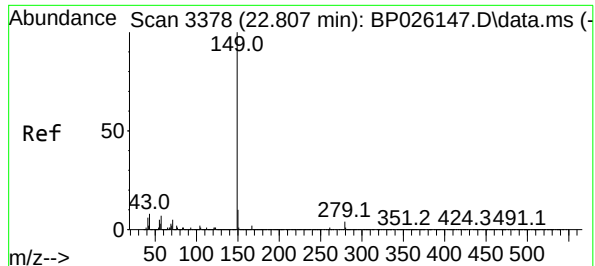
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.841 ng
RT: 21.519 min Scan# 3159
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion:149 Resp: 3731352
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.1 3.3 4.9





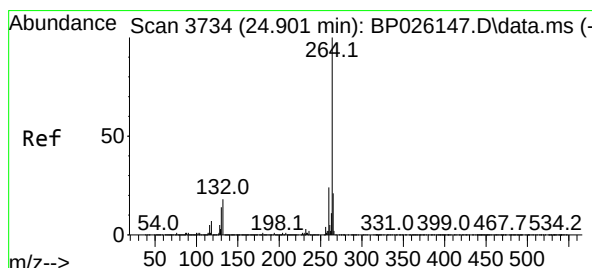
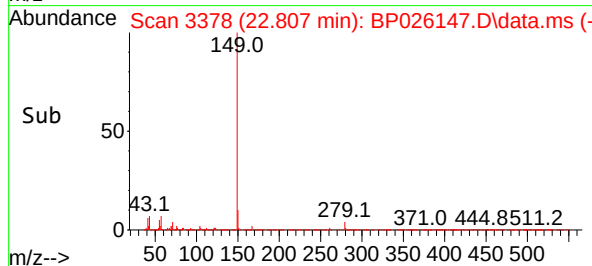
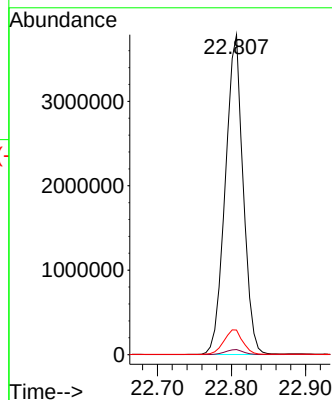
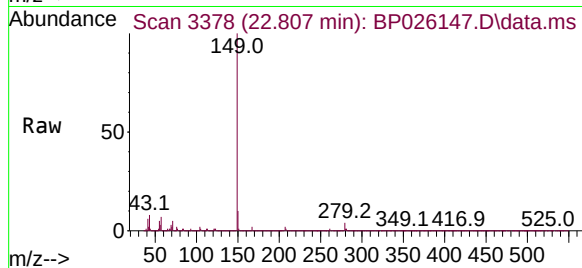
#85
Di-n-octyl phthalate
Concen: 41.246 ng
RT: 22.807 min Scan# 3378
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 6322176
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.1 6.6 10.0

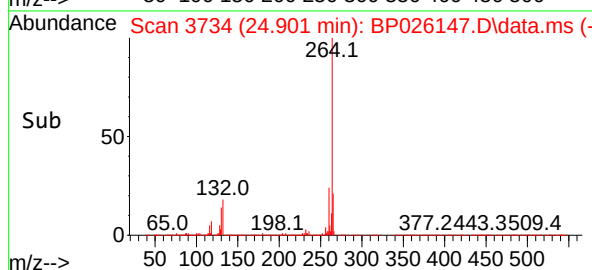
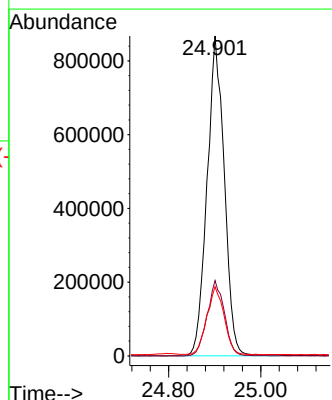
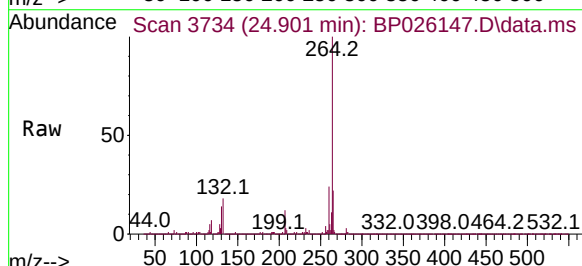
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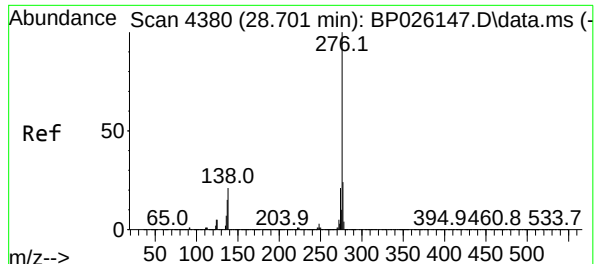
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

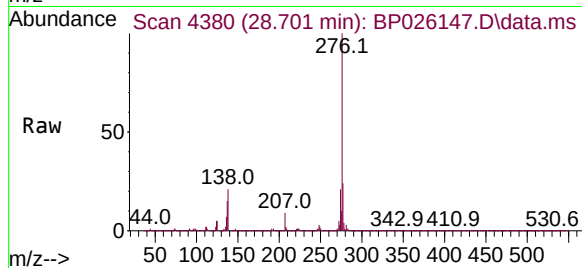
Tgt Ion:264 Resp: 2243799
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.6 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.563 ng m
RT: 28.701 min Scan# 4380
Delta R.T. -0.006 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

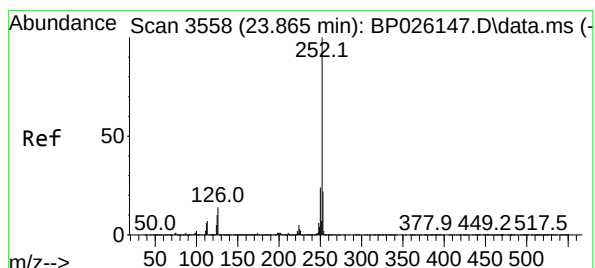
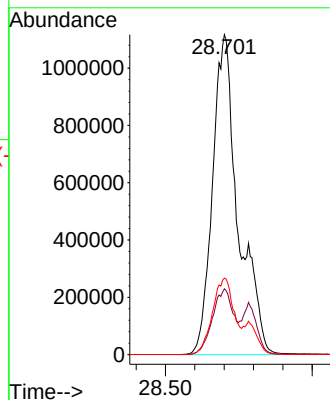
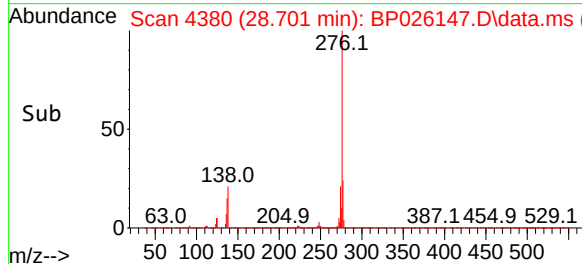
Instrument :
BNA_P
Client Sample Id :
SSTDICCC040



Tgt Ion: 276 Resp: 6780312
Ion Ratio Lower Upper
276 100
138 16.7 13.8 20.8
277 20.1 16.7 25.1

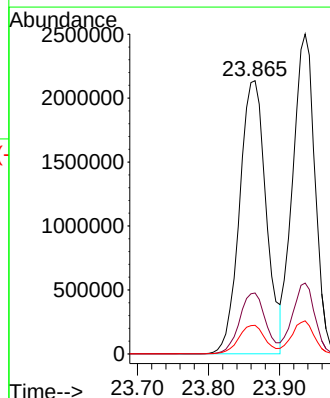
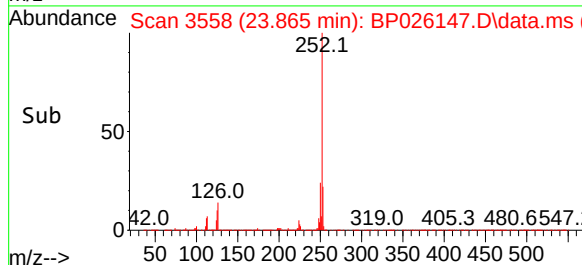
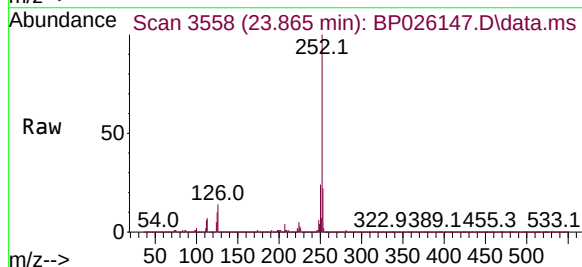
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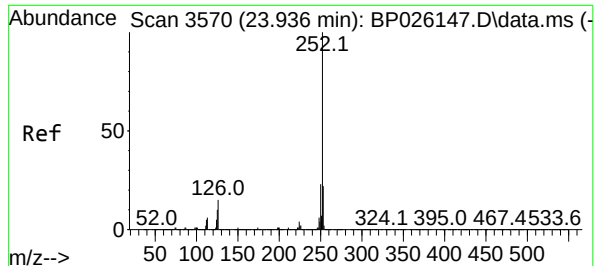
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#88
Benzo(b)fluoranthene
Concen: 40.699 ng
RT: 23.865 min Scan# 3558
Delta R.T. 0.000 min
Lab File: BP026147.D
Acq: 18 Nov 2025 17:57

Tgt Ion: 252 Resp: 5552010
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 39.935 ng

RT: 23.936 min Scan# 3570

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 5444576

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

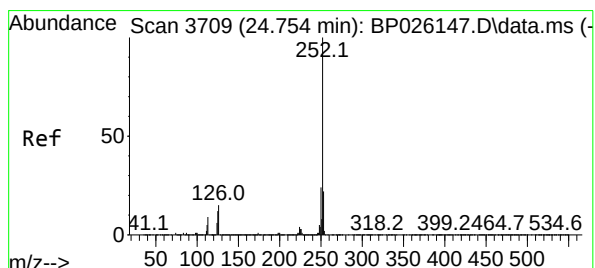
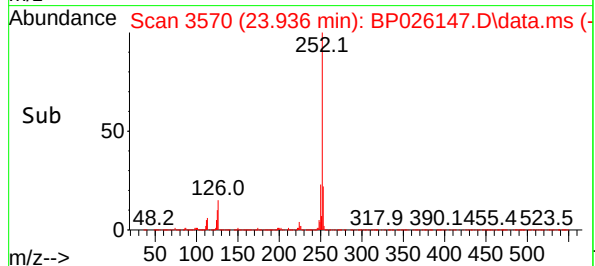
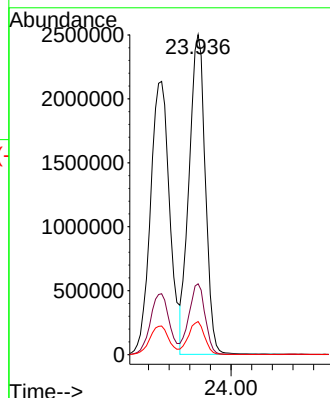
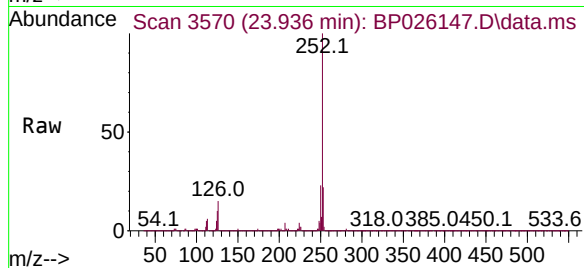
125 10.3 7.5 11.3

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 40.506 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

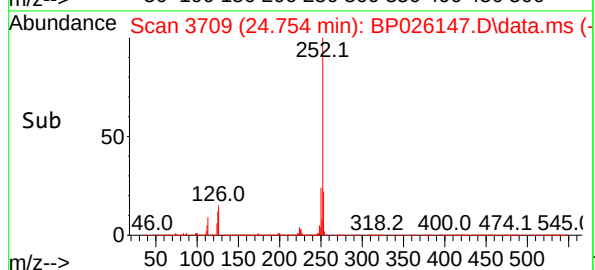
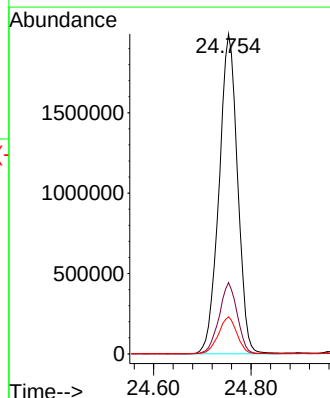
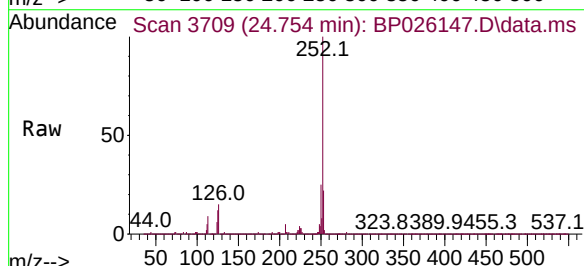
Tgt Ion:252 Resp: 5241553

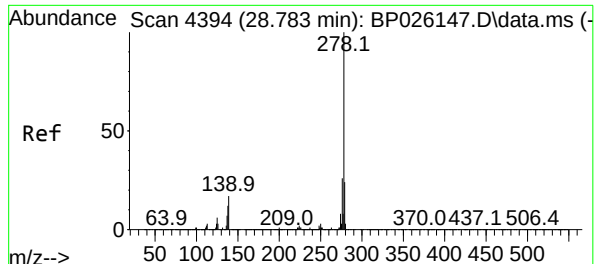
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 11.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.515 ng

RT: 28.783 min Scan# 4394

Delta R.T. -0.012 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:278 Resp: 5550506

Ion Ratio Lower Upper

278 100

139 16.7 13.2 19.8

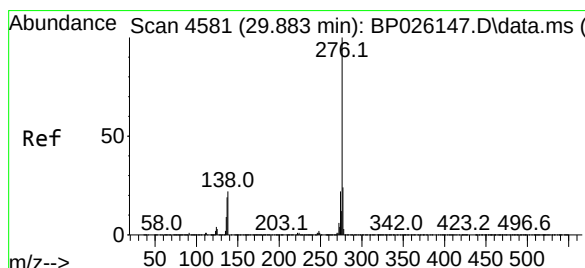
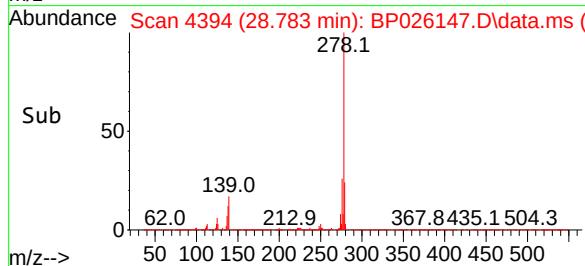
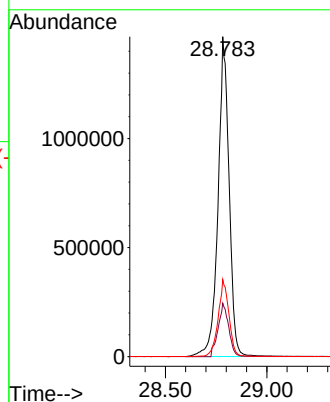
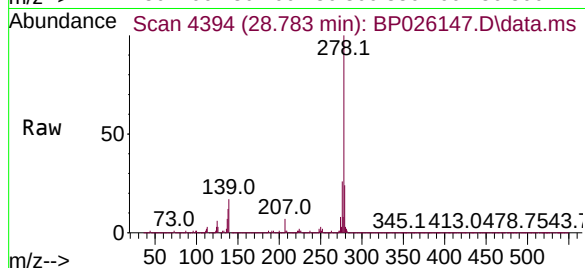
279 24.1 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#92

Benzo(g,h,i)perylene

Concen: 40.345 ng

RT: 29.883 min Scan# 4581

Delta R.T. 0.000 min

Lab File: BP026147.D

Acq: 18 Nov 2025 17:57

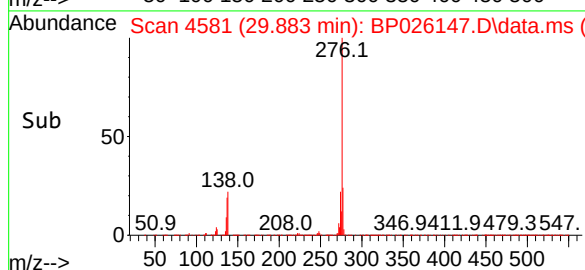
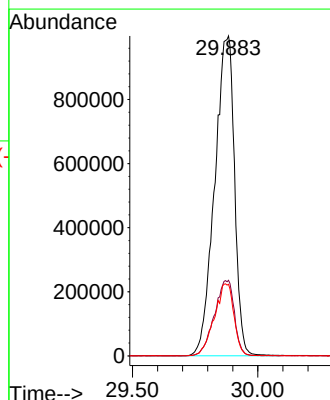
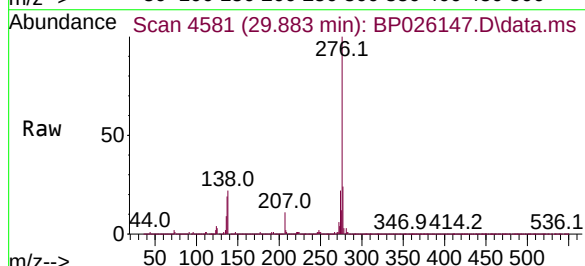
Tgt Ion:276 Resp: 5486208

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 22.4 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026148.D
 Acq On : 18 Nov 2025 18:38
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 19 00:41:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	284760	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1214236	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	797553	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1640808	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1705823	20.000	ng	0.01
86) Perylene-d12	24.912	264	1916962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1787355	103.554	ng	0.00
7) Phenol-d6	6.849	99	2324244	106.156	ng	0.00
23) Nitrobenzene-d5	8.813	82	2130648	108.572	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1046471	119.774	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	5250598	94.988	ng	0.00
79) Terphenyl-d14	19.877	244	8280260	98.986	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.220	88	357043	49.304	ng	Qvalue 100
3) Pyridine	3.614	79	1057361	51.355	ng	99
4) n-Nitrosodimethylamine	3.525	42	393135	48.177	ng	95
6) Aniline	7.002	93	1522371	52.159	ng	99
8) 2-Chlorophenol	7.243	128	1033720	54.061	ng	100
9) Benzaldehyde	6.819	77	511940	46.418	ng	97
10) Phenol	6.878	94	1252505	51.731	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	970673	50.634	ng	98
12) 1,3-Dichlorobenzene	7.560	146	1088080	49.825	ng	100
13) 1,4-Dichlorobenzene	7.708	146	1100252	49.770	ng	99
14) 1,2-Dichlorobenzene	8.019	146	1053763	49.909	ng	99
15) Benzyl Alcohol	7.907	79	849842	53.672	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1369615	47.705	ng	99
17) 2-Methylphenol	8.107	107	855650	53.750	ng	100
18) Hexachloroethane	8.743	117	401949	52.632	ng	97
19) n-Nitroso-di-n-propyla...	8.472	70	739380	54.488	ng	99
20) 3+4-Methylphenols	8.437	107	1173430	53.045	ng	99
22) Acetophenone	8.484	105	1530333	49.988	ng	# 99
24) Nitrobenzene	8.855	77	1083333	52.708	ng	99
25) Isophorone	9.384	82	2155778	51.899	ng	100
26) 2-Nitrophenol	9.560	139	575059	81.975	ng	99
27) 2,4-Dimethylphenol	9.625	122	996274	56.199	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1340577	51.133	ng	99
29) 2,4-Dichlorophenol	10.096	162	1002063	54.165	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	986319	49.160	ng	99
31) Naphthalene	10.496	128	3258341	49.431	ng	99
32) Benzoic acid	9.766	122	836318	78.248	ng	100
33) 4-Chloroaniline	10.596	127	1404875	54.856	ng	99
34) Hexachlorobutadiene	10.784	225	639671	49.818	ng	99
35) Caprolactam	11.384	113	356958	55.200	ng	98
36) 4-Chloro-3-methylphenol	11.731	107	1079361	55.785	ng	98
37) 2-Methylnaphthalene	12.107	142	2347741	50.940	ng	100
38) 1-Methylnaphthalene	12.325	142	2264098	50.528	ng	100
40) 1,2,4,5-Tetrachloroben...	12.484	216	1184632	47.999	ng	100
41) Hexachlorocyclopentadiene	12.472	237	789794	76.949	ng	99
43) 2,4,6-Trichlorophenol	12.719	196	837942	56.757	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
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 Acq On : 18 Nov 2025 18:38
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 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

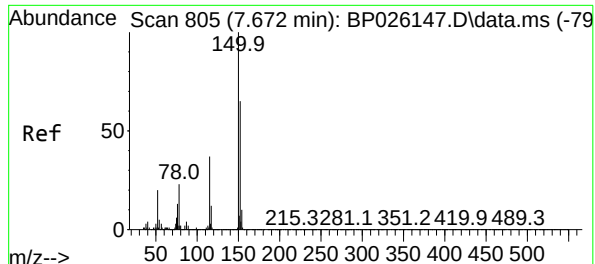
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 00:37:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	934561	55.717	ng	99
46) 1,1'-Biphenyl	13.131	154	2928877	48.177	ng	99
47) 2-Chloronaphthalene	13.172	162	2321684	48.576	ng	99
48) 2-Nitroaniline	13.372	65	669977	60.939	ng	96
49) Acenaphthylene	14.031	152	3873345	54.828	ng	100
50) Dimethylphthalate	13.766	163	2930655	50.746	ng	100
51) 2,6-Dinitrotoluene	13.878	165	622671	64.134	ng	98
52) Acenaphthene	14.384	154	2275322	48.135	ng	99
53) 3-Nitroaniline	14.213	138	725831	61.795	ng	97
54) 2,4-Dinitrophenol	14.419	184	372594	83.625	ng	95
55) Dibenzofuran	14.725	168	3514504	48.822	ng	99
56) 4-Nitrophenol	14.537	139	626548	53.593	ng	98
57) 2,4-Dinitrotoluene	14.684	165	925879	65.348	ng	99
58) Fluorene	15.389	166	2739619	48.440	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	791779	59.606	ng	100
60) Diethylphthalate	15.166	149	2976494	51.232	ng	100
61) 4-Chlorophenyl-phenyle...	15.389	204	1378247	48.888	ng	97
62) 4-Nitroaniline	15.401	138	734482	58.965	ng	100
63) Azobenzene	15.689	77	2549241	48.803	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	539726	77.066	ng	98
66) n-Nitrosodiphenylamine	15.601	169	2501945	48.943	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	906367	49.759	ng	98
68) Hexachlorobenzene	16.419	284	1044994	50.429	ng	98
69) Atrazine	16.584	200	954570	54.471	ng	98
70) Pentachlorophenol	16.772	266	733498	56.819	ng	99
71) Phenanthrene	17.172	178	4521516	47.698	ng	100
72) Anthracene	17.260	178	4603902	48.679	ng	100
73) Carbazole	17.542	167	4285462	48.149	ng	99
74) Di-n-butylphthalate	18.160	149	5349681	53.150	ng	100
75) Fluoranthene	19.266	202	5367252	48.317	ng	100
77) Benzidine	19.466	184	2691261	60.082	ng	99
78) Pyrene	19.648	202	5584319	49.020	ng	99
80) Butylbenzylphthalate	20.613	149	2508473	65.680	ng	98
81) Benzo(a)anthracene	21.560	228	5754455	49.402	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	2099346	54.722	ng	99
83) Chrysene	21.630	228	5399638	48.904	ng	99
84) Bis(2-ethylhexyl)phtha...	21.524	149	3735211	59.805	ng	99
85) Di-n-octyl phthalate	22.813	149	6624425	62.248	ng	100
87) Indeno(1,2,3-cd)pyrene	28.706	276	7108078	50.540	ng	# 95
88) Benzo(b)fluoranthene	23.871	252	5855690	49.795	ng	99
89) Benzo(k)fluoranthene	23.942	252	5812408	48.345	ng	99
90) Benzo(a)pyrene	24.771	252	5498511	50.567	ng	99
91) Dibenzo(a,h)anthracene	28.777	278	5794869	50.535	ng	99
92) Benzo(g,h,i)perylene	29.865	276	5679489	51.276	ng	99

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

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

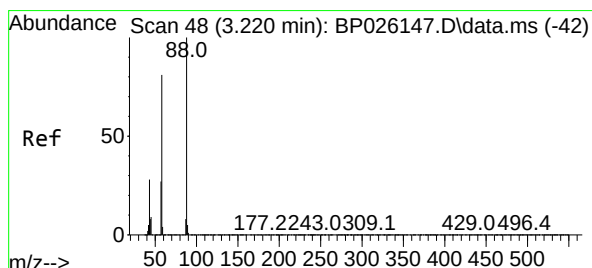
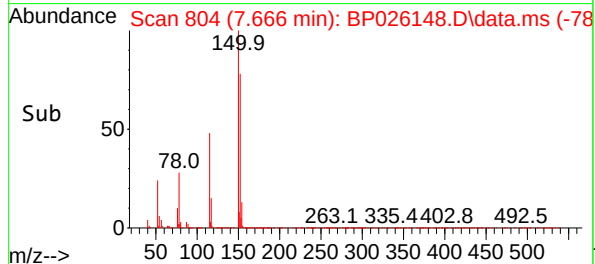
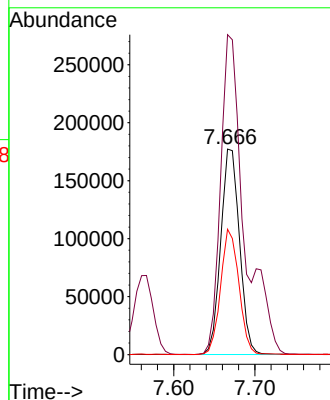
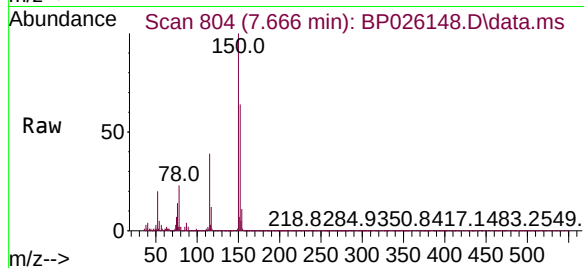
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- 17
- 18



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

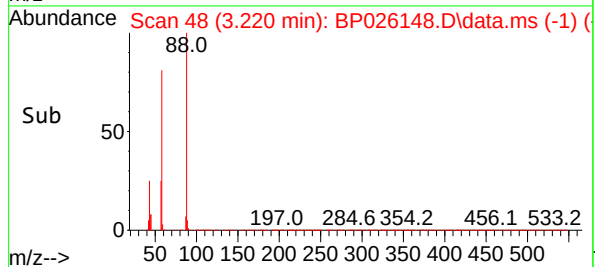
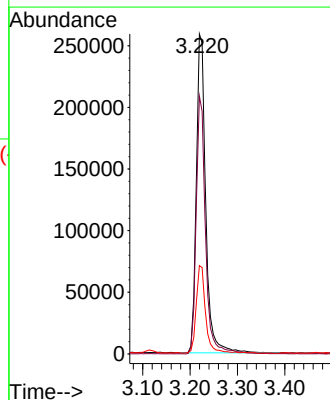
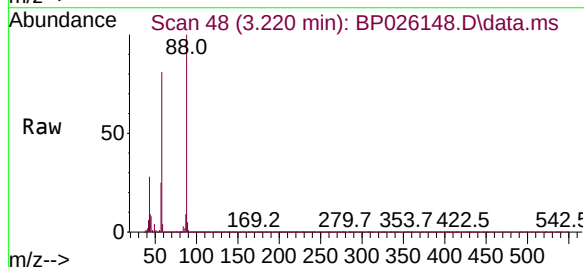
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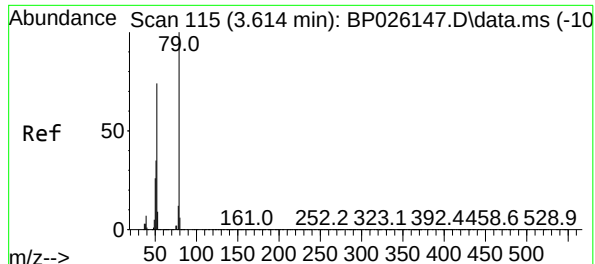
Tgt Ion:152 Resp: 284760
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.6
115 61.0 46.3 69.5



#2
1,4-Dioxane
Concen: 49.304 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 88 Resp: 357043
Ion Ratio Lower Upper
88 100
58 80.2 64.2 96.4
43 27.0 21.5 32.3

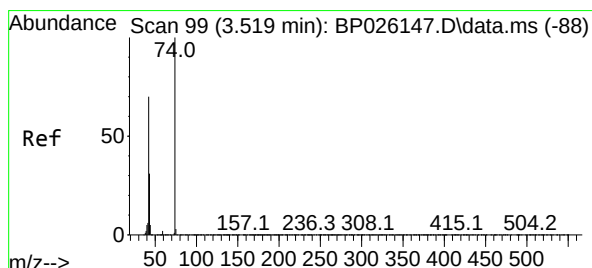
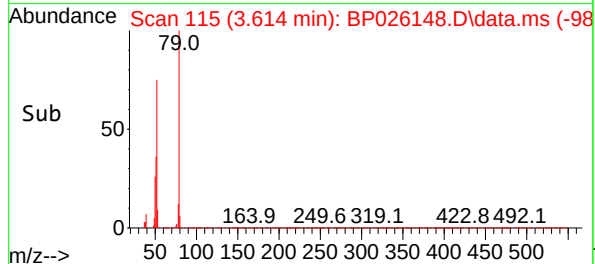
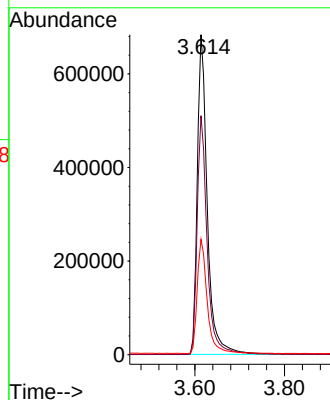
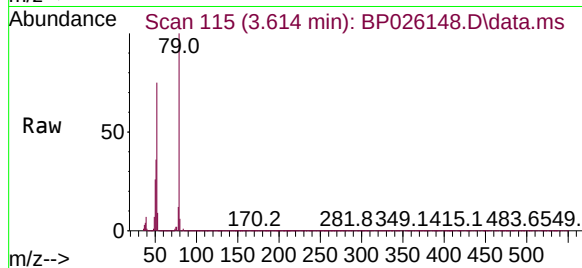




#3
Pyridine
Concen: 51.355 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

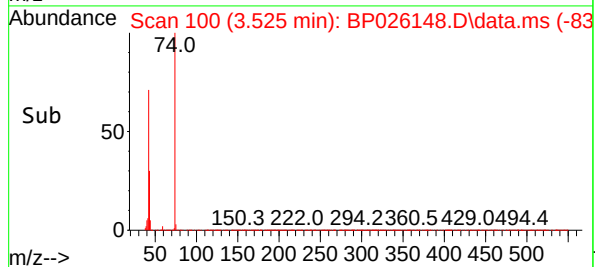
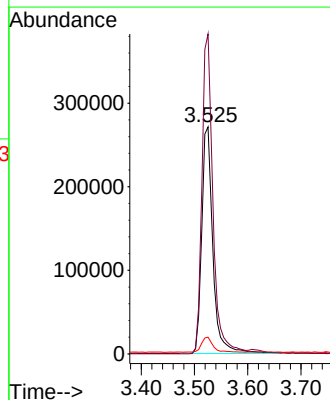
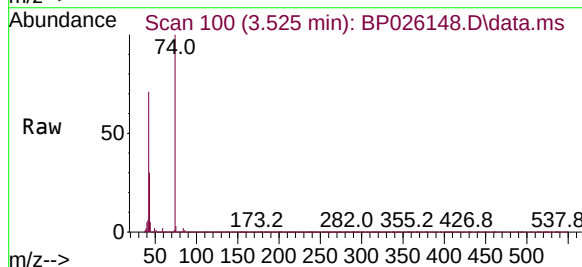
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BNA_P
ClientSampleId :
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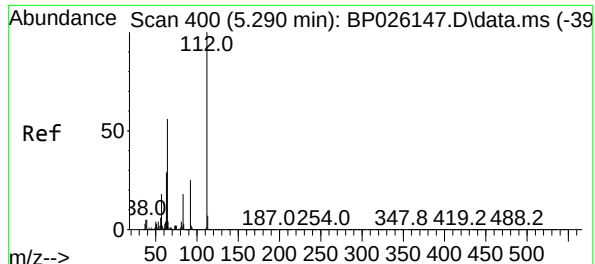
Tgt Ion: 79 Resp: 1057361
Ion Ratio Lower Upper
79 100
52 74.7 60.2 90.2
51 36.0 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 48.177 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 42 Resp: 393135
Ion Ratio Lower Upper
42 100
74 141.0 118.1 177.1
44 7.4 6.2 9.4

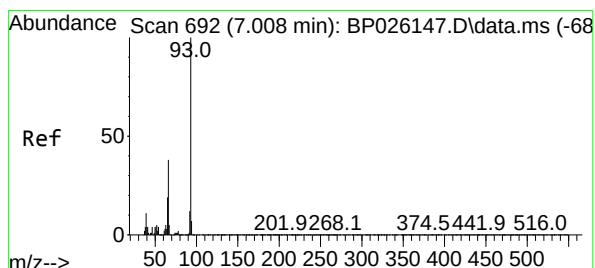
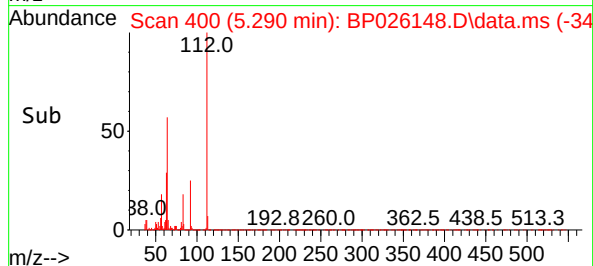
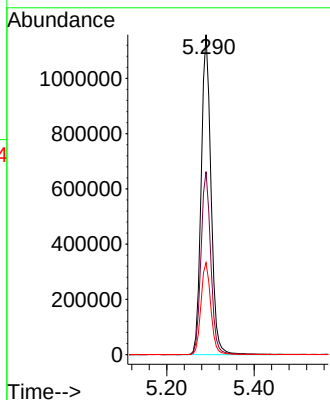
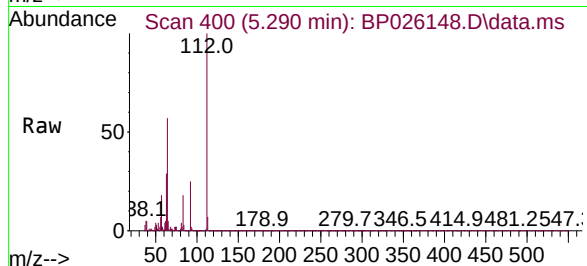




#5
2-Fluorophenol
Concen: 103.554 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

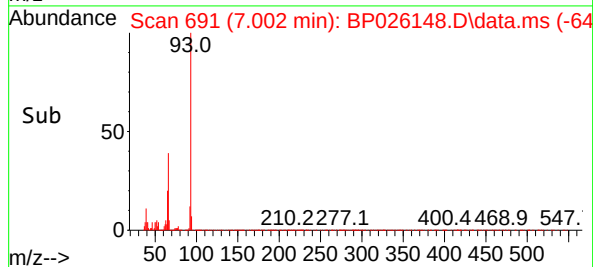
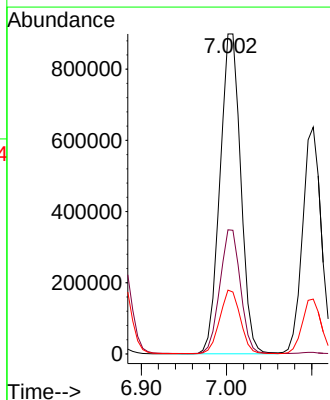
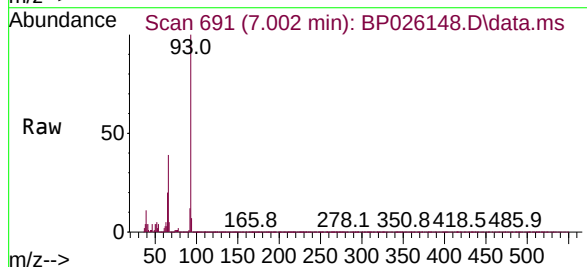
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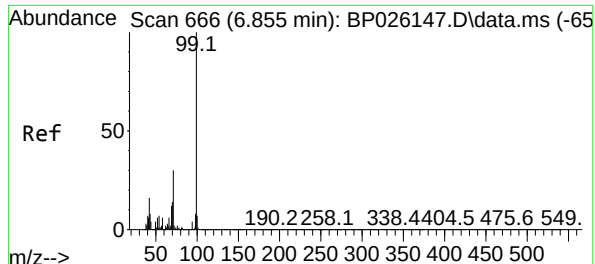
Tgt Ion:112 Resp: 1787355
Ion Ratio Lower Upper
112 100
64 57.2 45.8 68.6
63 28.8 23.5 35.3



#6
Aniline
Concen: 52.159 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 93 Resp: 1522371
Ion Ratio Lower Upper
93 100
66 38.8 31.7 47.5
65 19.9 15.8 23.6

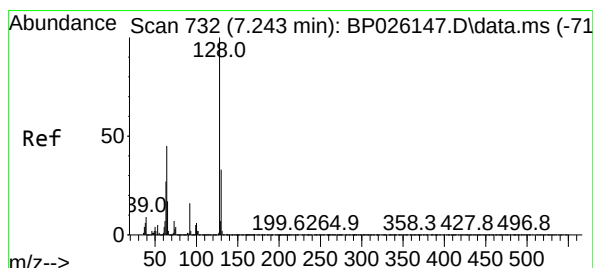
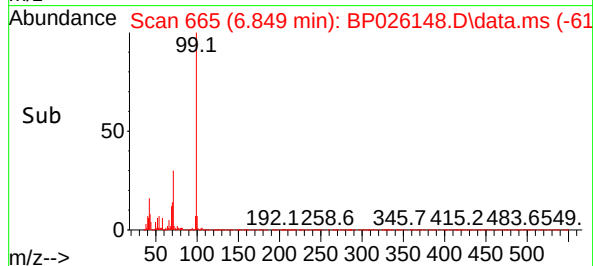
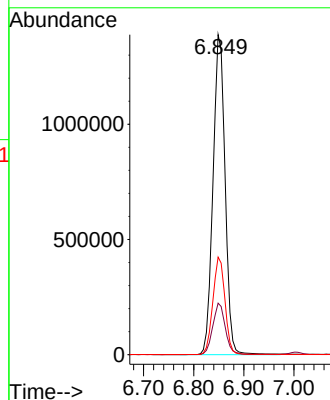
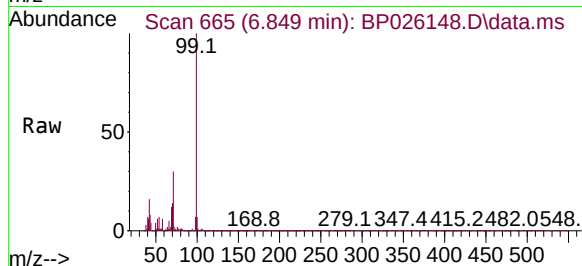




#7
Phenol-d6
Concen: 106.156 ng
RT: 6.849 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

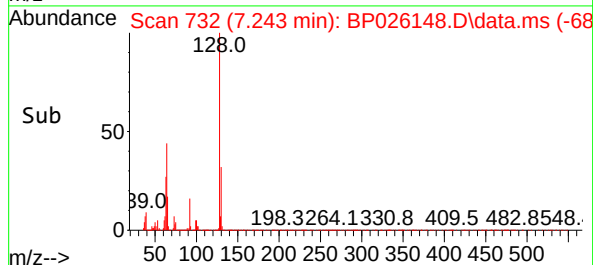
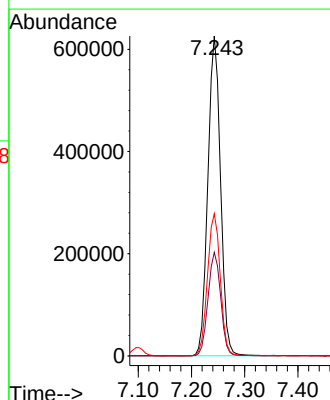
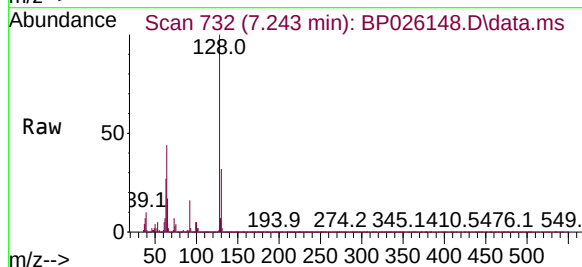
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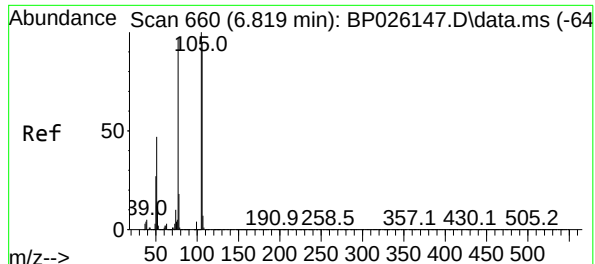
Tgt Ion: 99 Resp: 2324244
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 30.5 24.8 37.2



#8
2-Chlorophenol
Concen: 54.061 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:128 Resp: 1033720
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 44.4 23.9 63.9

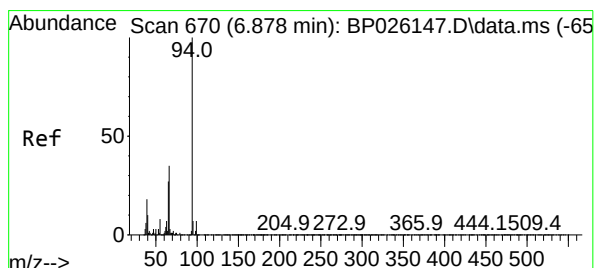
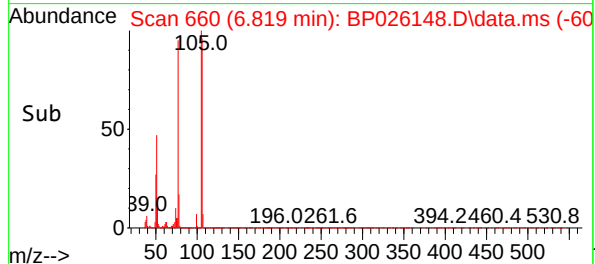
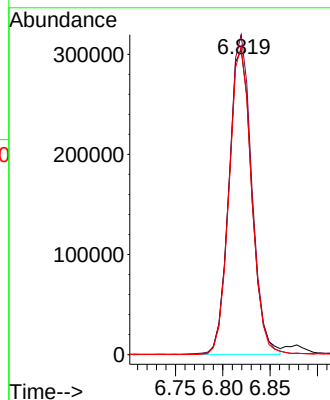
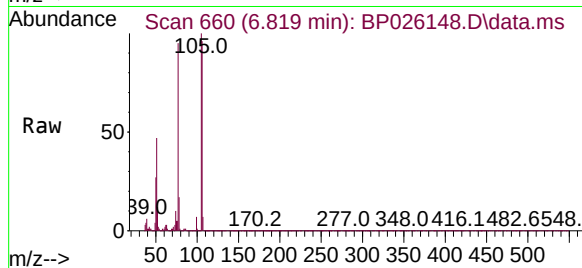




#9
Benzaldehyde
Concen: 46.418 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

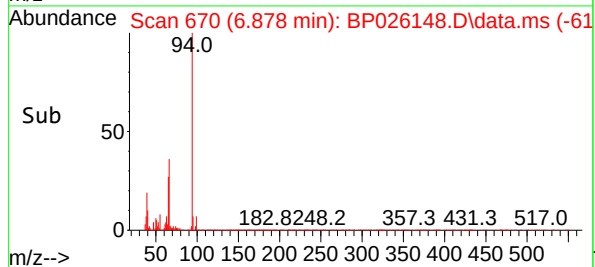
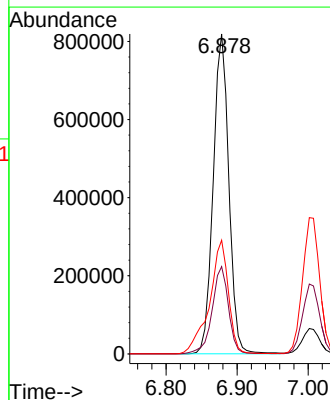
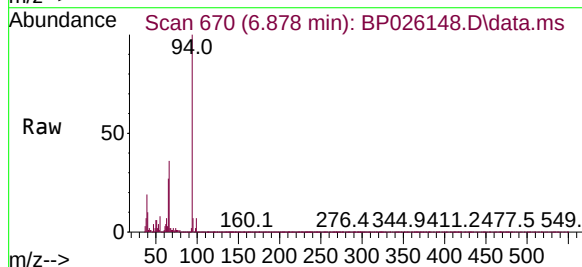
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

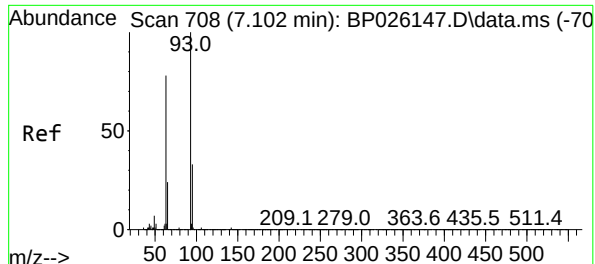
Tgt Ion: 77 Resp: 511940
Ion Ratio Lower Upper
77 100
105 105.0 82.9 122.9
106 101.0 77.8 117.8



#10
Phenol
Concen: 51.731 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 94 Resp: 1252505
Ion Ratio Lower Upper
94 100
65 27.3 7.0 47.0
66 35.5 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 50.634 ng

RT: 7.102 min Scan# 708

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

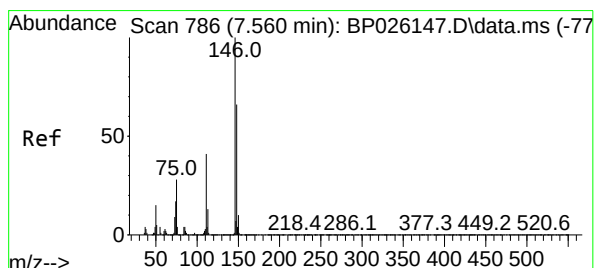
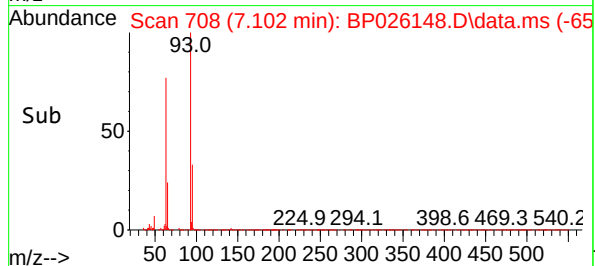
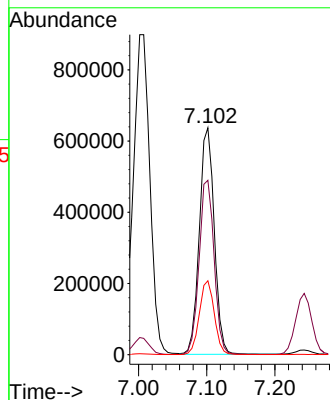
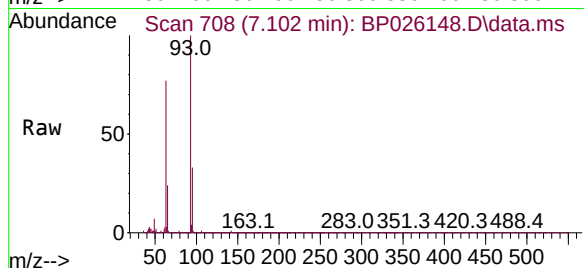
Tgt Ion: 93 Resp: 970673

Ion Ratio Lower Upper

93 100

63 76.9 58.8 98.8

95 32.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 49.825 ng

RT: 7.560 min Scan# 786

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

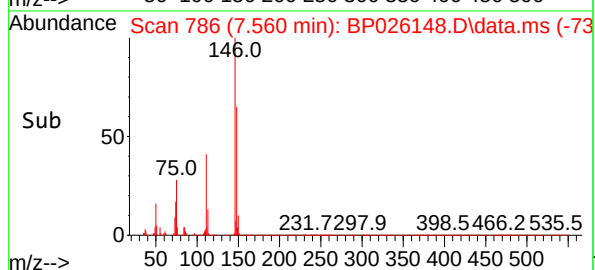
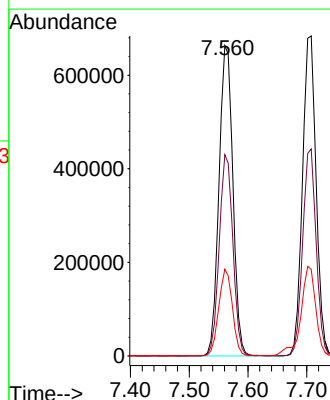
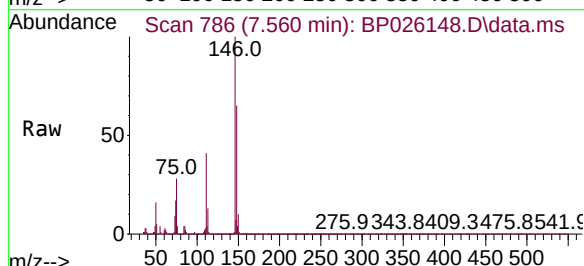
Tgt Ion: 146 Resp: 1088080

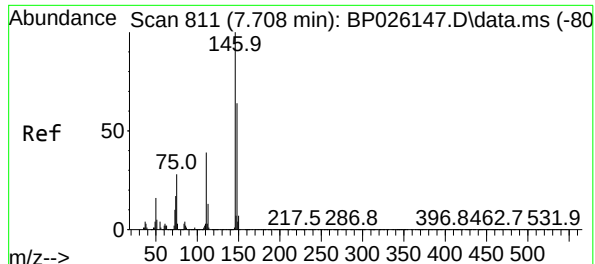
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 27.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 49.770 ng

RT: 7.708 min Scan# 811

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

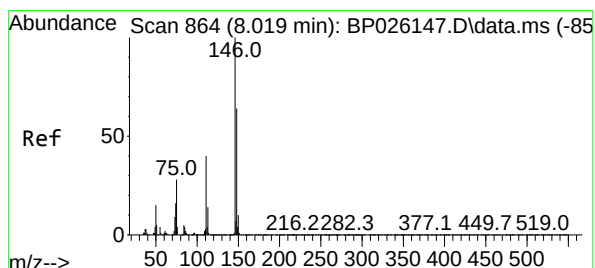
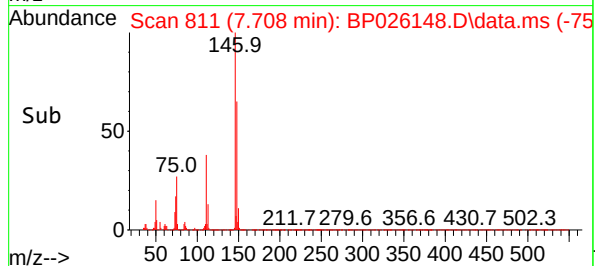
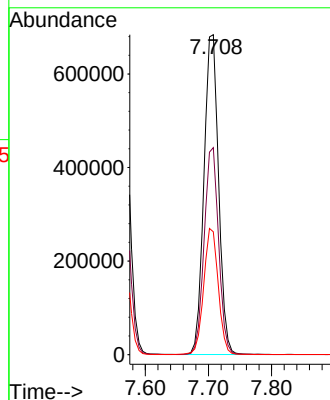
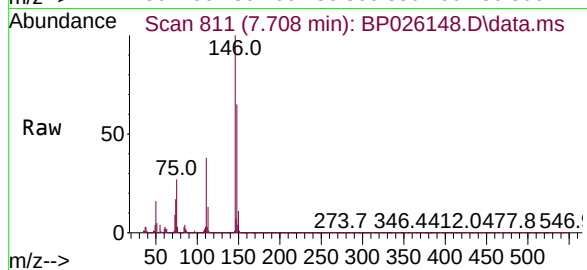
Tgt Ion:146 Resp: 1100252

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

111 38.4 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 49.909 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

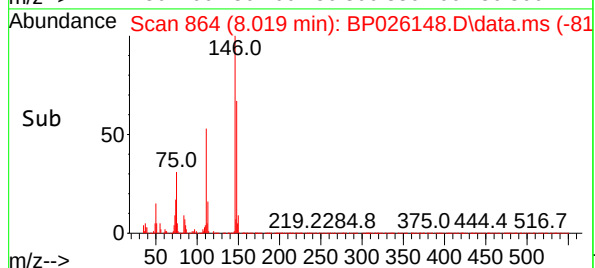
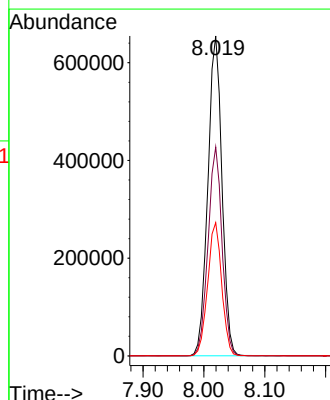
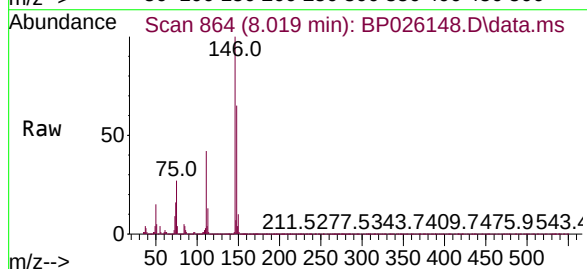
Tgt Ion:146 Resp: 1053763

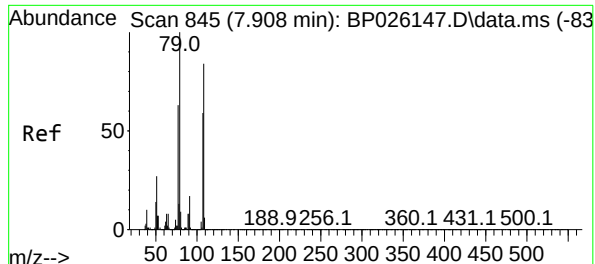
Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.6

111 41.6 33.0 49.4





#15

Benzyl Alcohol

Concen: 53.672 ng

RT: 7.907 min Scan# 845

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

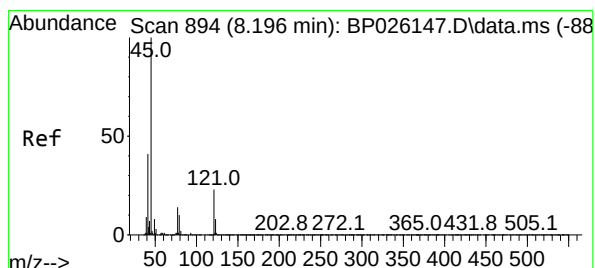
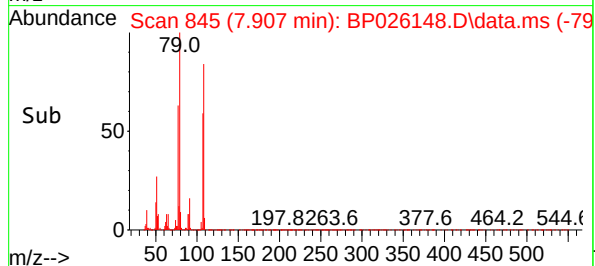
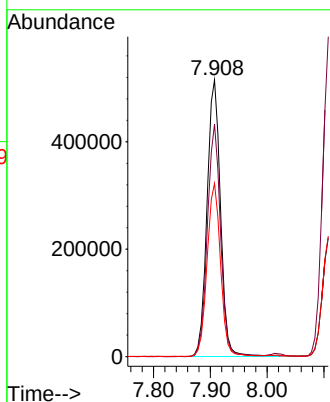
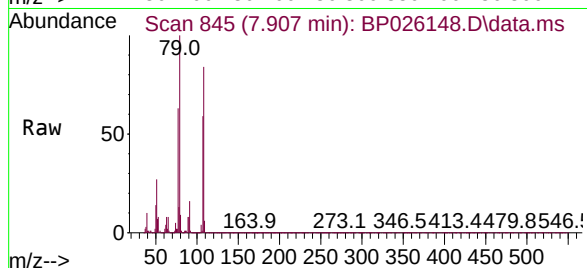
Tgt Ion: 79 Resp: 849842

Ion Ratio Lower Upper

79 100

108 84.1 66.2 99.4

77 62.6 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.705 ng

RT: 8.196 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

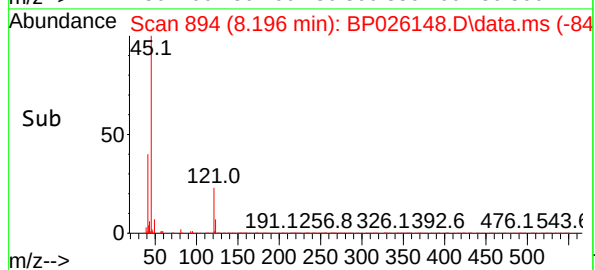
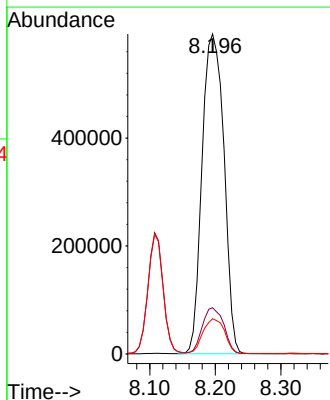
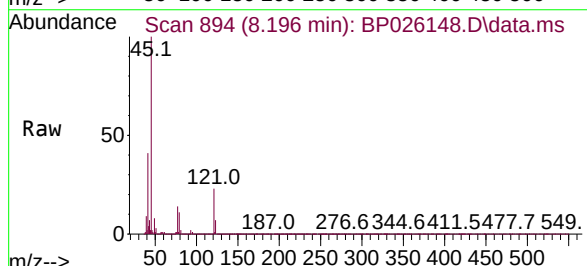
Tgt Ion: 45 Resp: 1369615

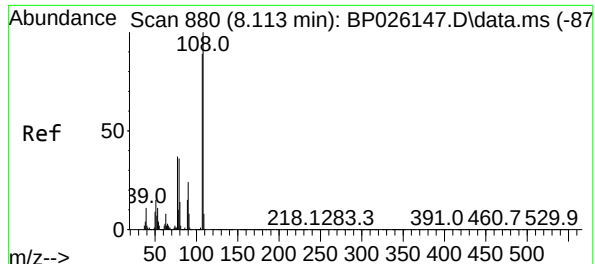
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.9

79 11.0 0.0 30.4

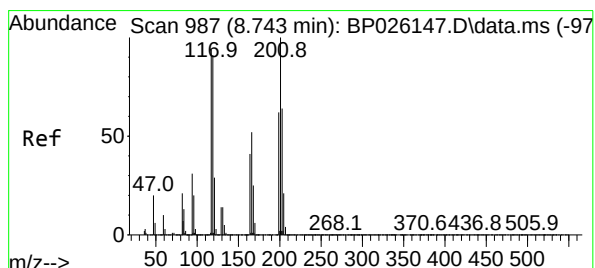
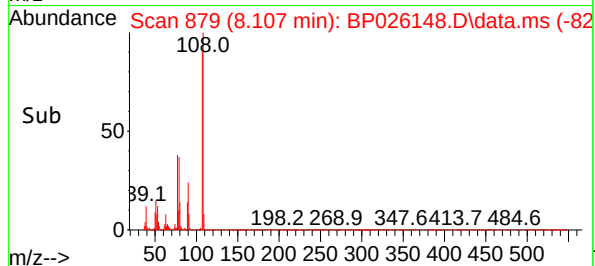
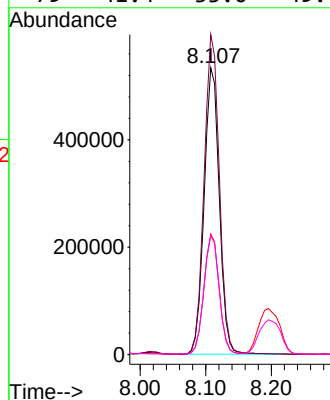
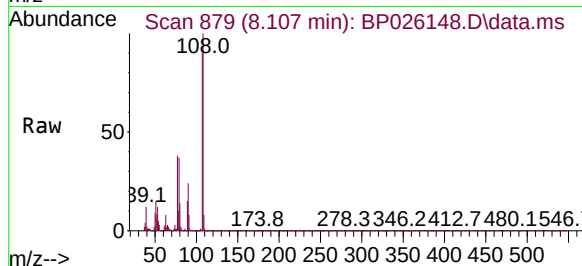




#17
2-Methylphenol
Concen: 53.750 ng
RT: 8.107 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

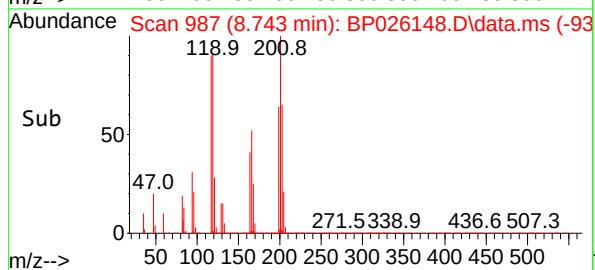
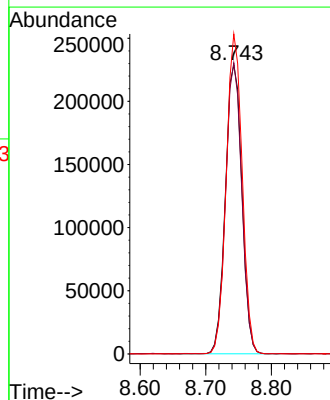
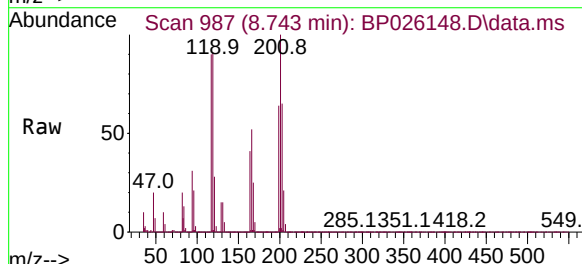
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

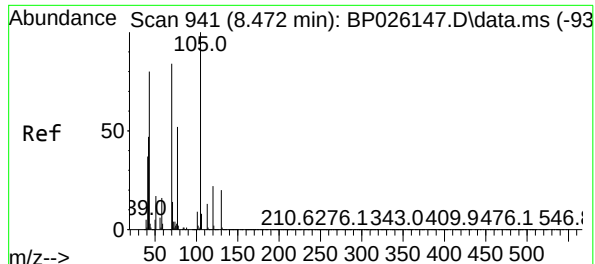
Tgt Ion:	107	Resp:	855650
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.7	134.5
77	42.1	33.9	50.9
79	41.4	33.0	49.4



#18
Hexachloroethane
Concen: 52.632 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:	117	Resp:	401949
Ion	Ratio	Lower	Upper
117	100		
119	100.7	78.7	118.1
201	110.7	85.1	127.7





#19

n-Nitroso-di-n-propylamine

Concen: 54.488 ng

RT: 8.472 min Scan# 941

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 739380

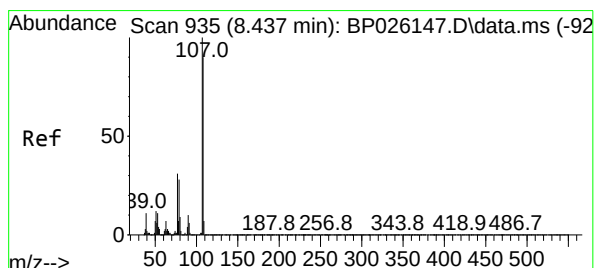
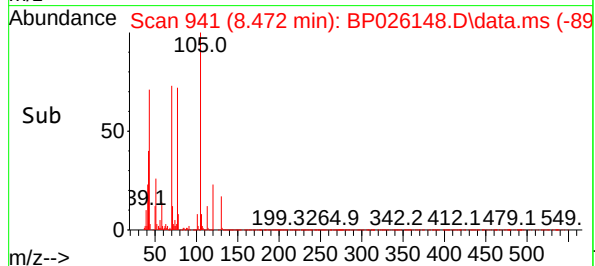
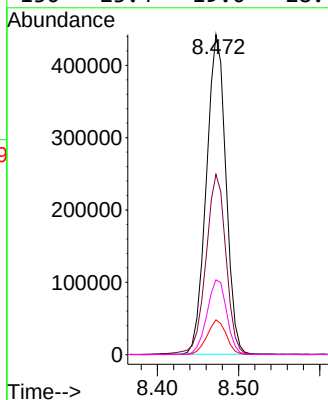
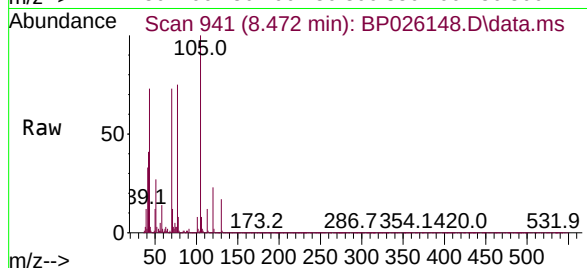
Ion Ratio Lower Upper

70 100

42 56.3 44.1 66.1

101 10.9 8.2 12.4

130 23.4 19.0 28.4



#20

3+4-Methylphenols

Concen: 53.045 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Tgt Ion: 107 Resp: 1173430

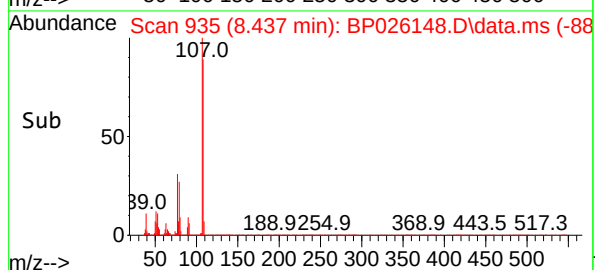
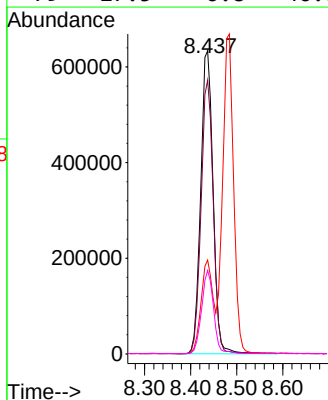
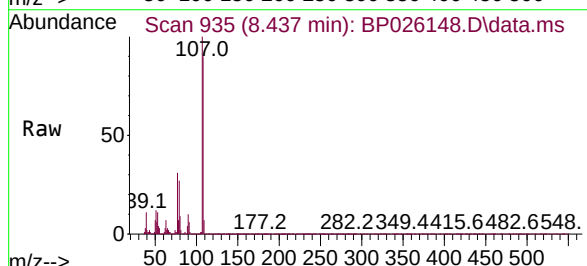
Ion Ratio Lower Upper

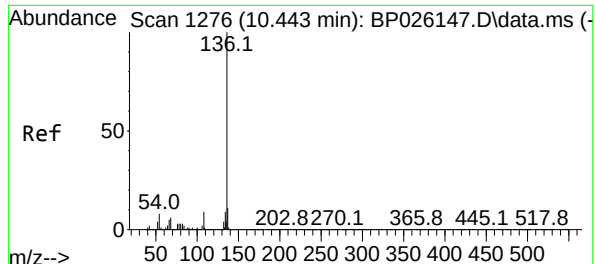
107 100

108 90.3 68.9 108.9

77 31.0 10.4 50.4

79 27.5 6.8 46.8

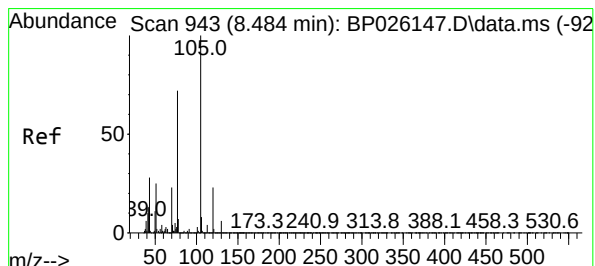
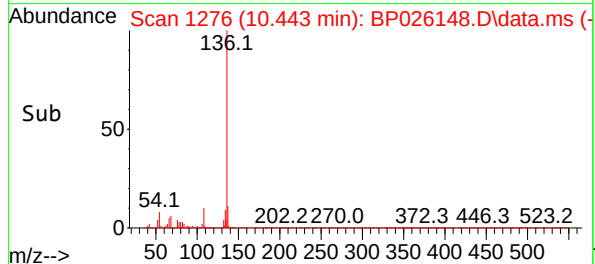
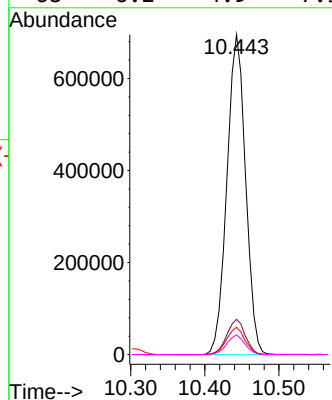
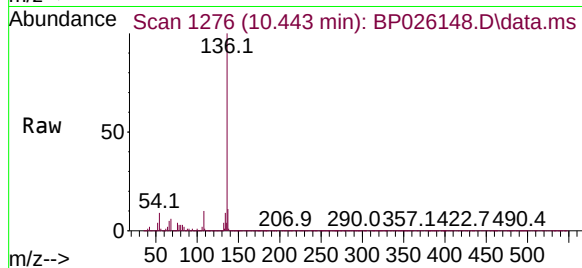




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

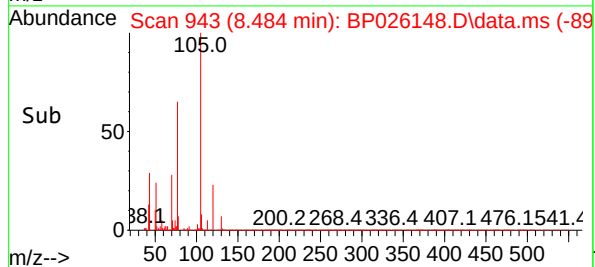
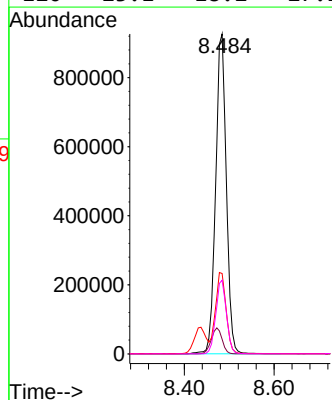
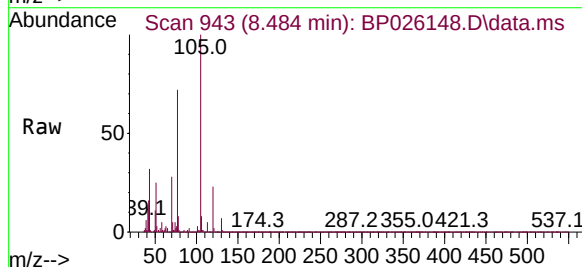
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

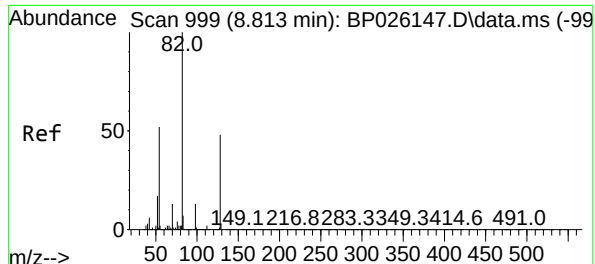
Tgt Ion:136 Resp: 1214236
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.5 6.4 9.6
68 6.2 4.9 7.3



#22
Acetophenone
Concen: 49.988 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:105 Resp: 1530333
Ion Ratio Lower Upper
105 100
71 4.6 3.0 4.4#
51 25.1 20.5 30.7
120 23.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 108.572 ng

RT: 8.813 min Scan# 999

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

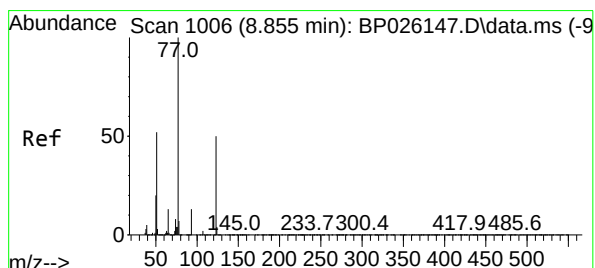
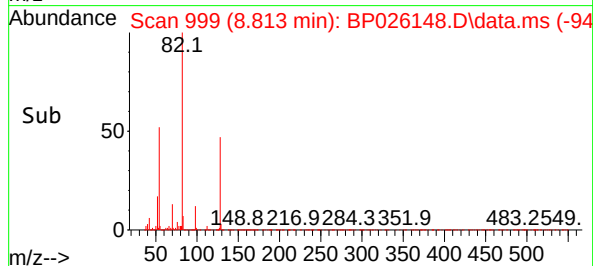
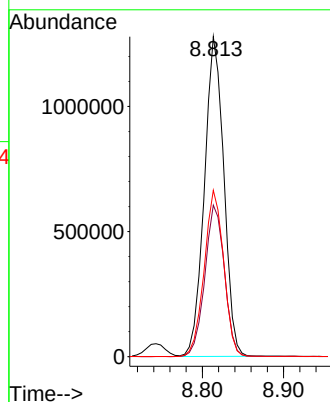
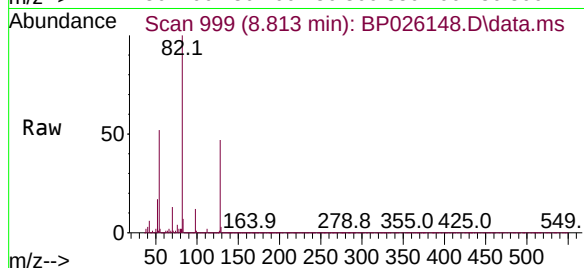
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 2130648

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.4	56.0
54	52.0	41.6	62.4



#24

Nitrobenzene

Concen: 52.708 ng

RT: 8.855 min Scan# 1006

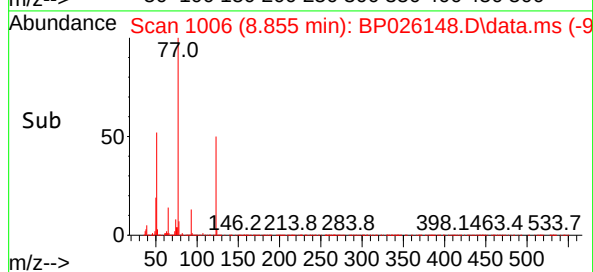
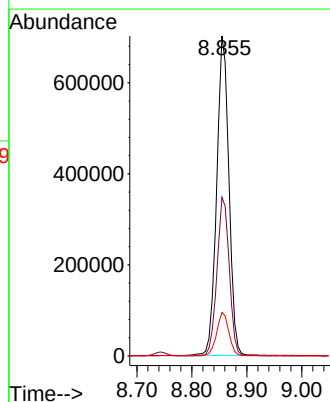
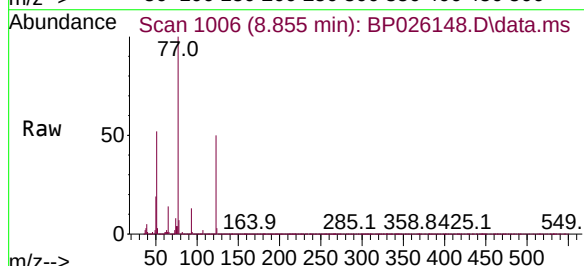
Delta R.T. 0.000 min

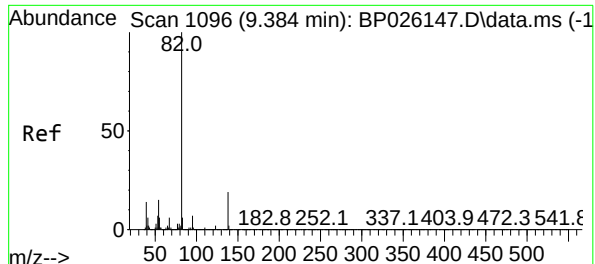
Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Tgt Ion: 77 Resp: 1083333

Ion	Ratio	Lower	Upper
77	100		
123	49.5	39.8	59.8
65	13.6	11.2	16.8

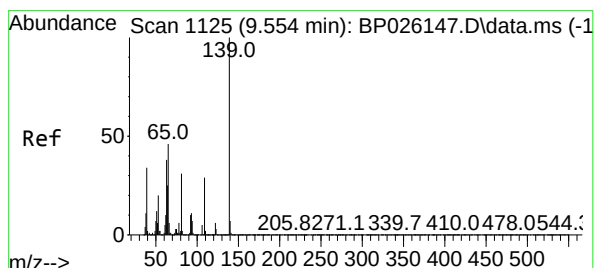
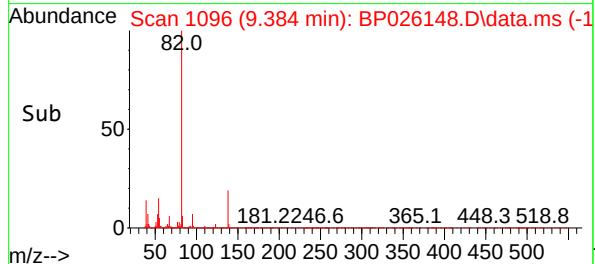
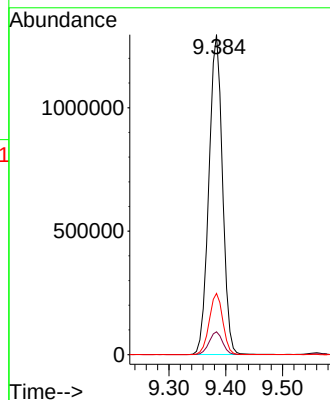
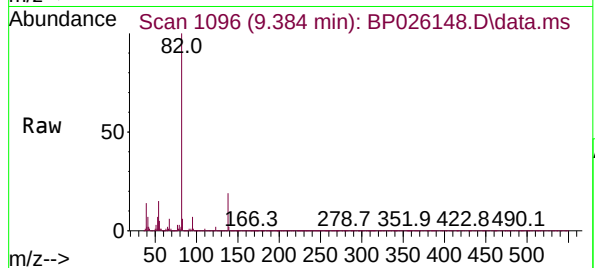




#25
Isophorone
Concen: 51.899 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

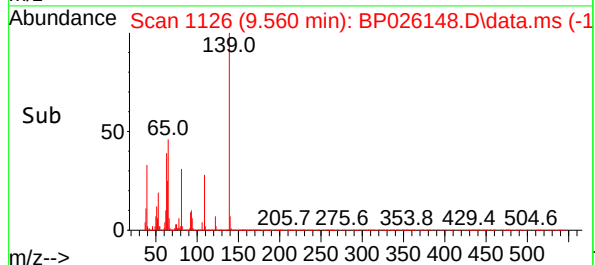
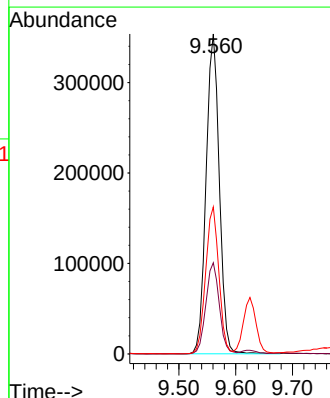
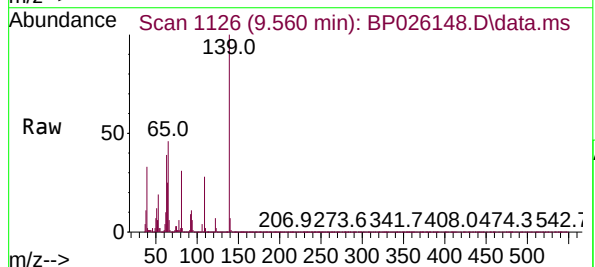
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

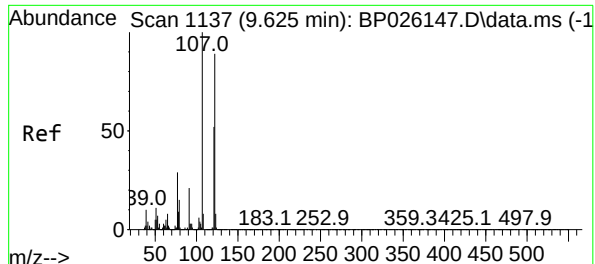
Tgt Ion: 82 Resp: 2155778
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 19.1 15.4 23.0



#26
2-Nitrophenol
Concen: 81.975 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 139 Resp: 575059
Ion Ratio Lower Upper
139 100
109 28.5 22.3 33.5
65 45.9 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 56.199 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

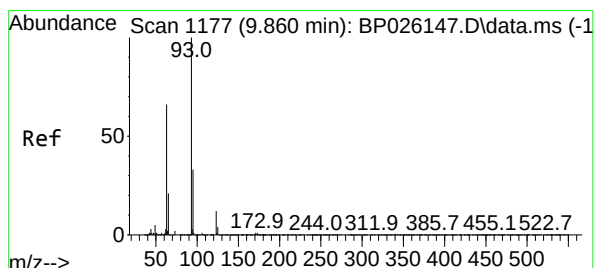
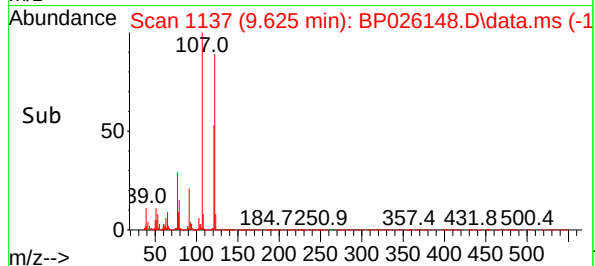
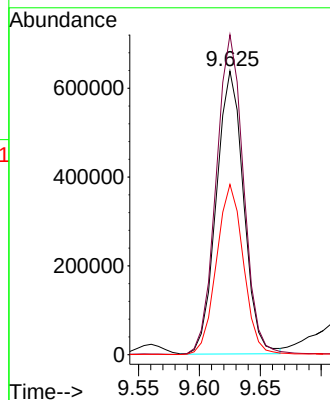
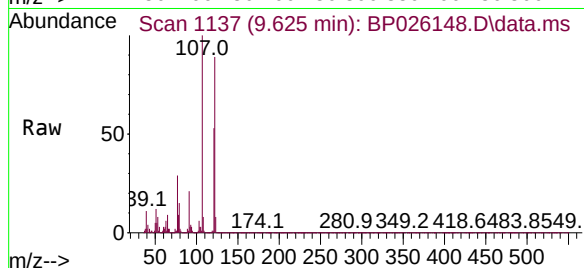
Tgt Ion:122 Resp: 996274

Ion Ratio Lower Upper

122 100

107 112.9 91.0 136.6

121 60.1 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 51.133 ng

RT: 9.860 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

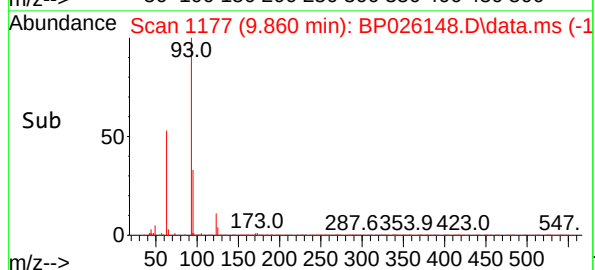
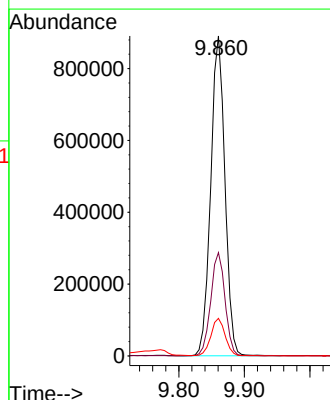
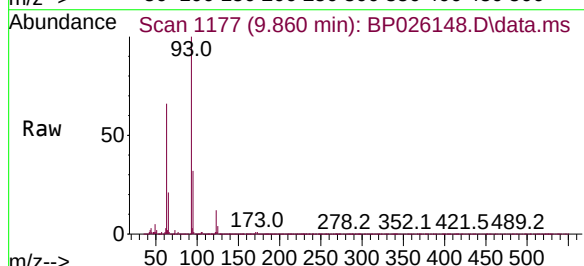
Tgt Ion: 93 Resp: 1340577

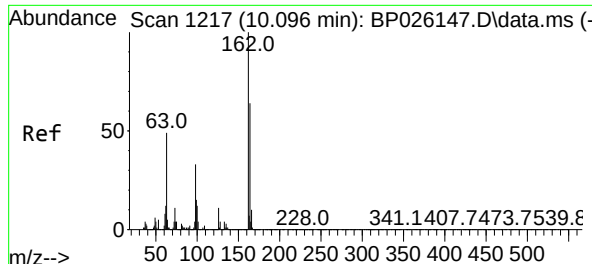
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 54.165 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

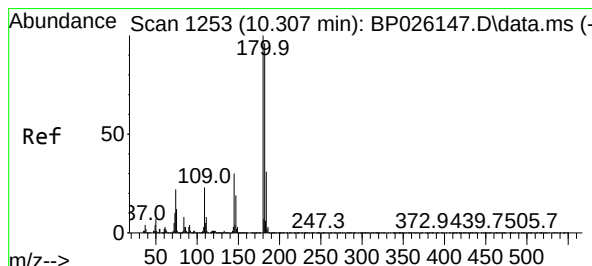
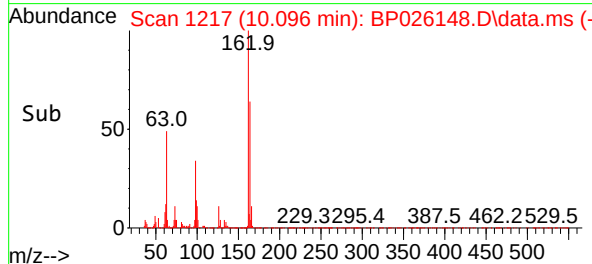
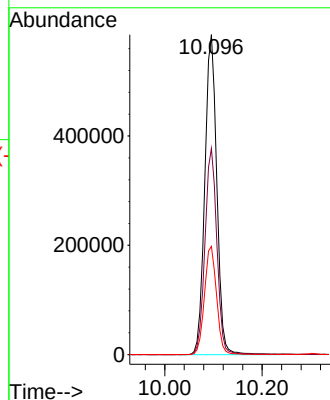
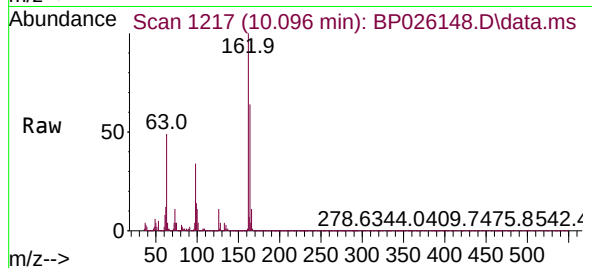
Tgt Ion:162 Resp: 1002063

Ion Ratio Lower Upper

162 100

164 64.4 43.8 83.8

98 33.8 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 49.160 ng

RT: 10.307 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

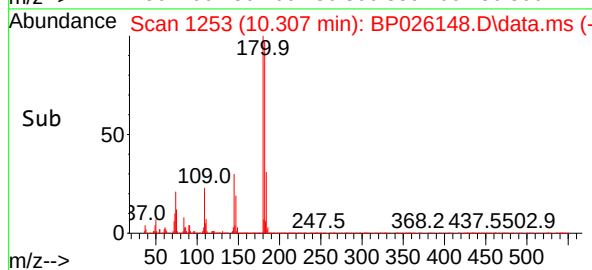
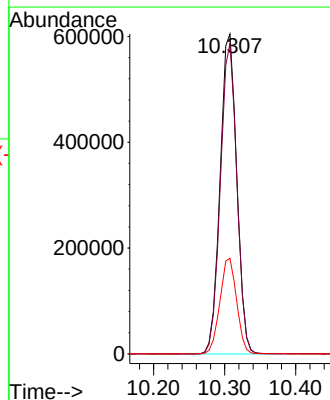
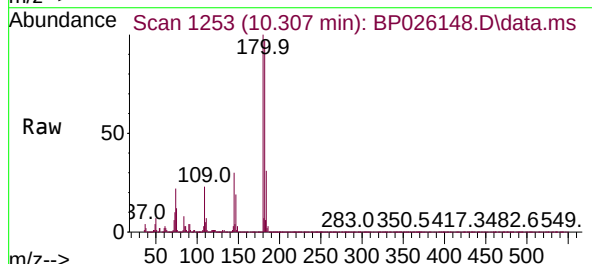
Tgt Ion:180 Resp: 986319

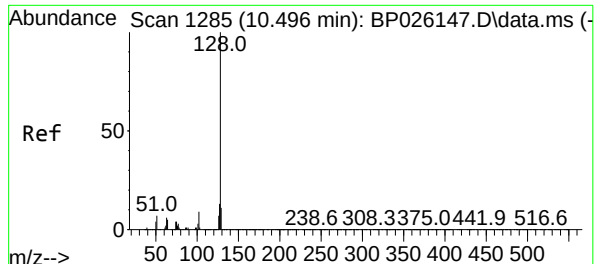
Ion Ratio Lower Upper

180 100

182 97.0 78.1 117.1

145 29.8 24.2 36.4





#31

Naphthalene

Concen: 49.431 ng

RT: 10.496 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

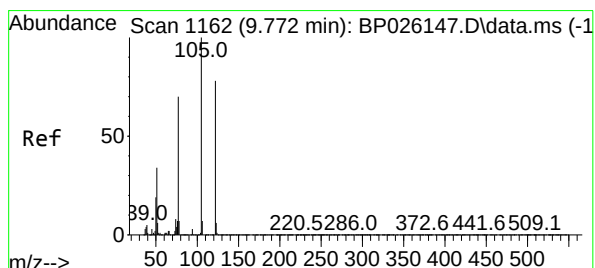
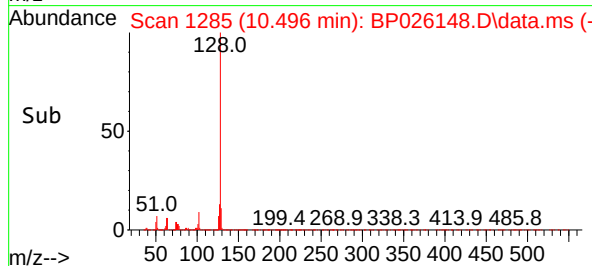
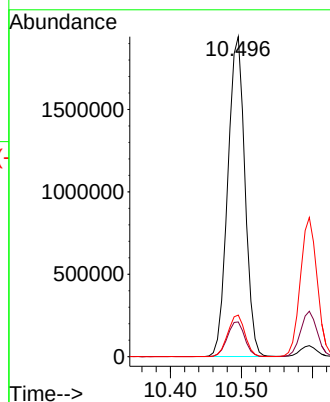
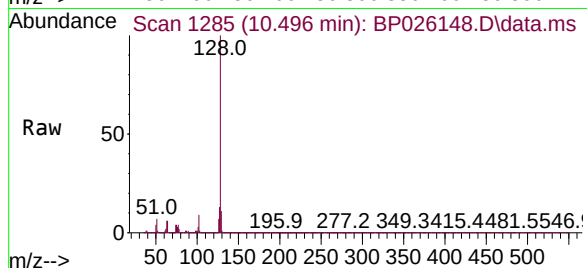
Tgt Ion:128 Resp: 3258341

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 78.248 ng

RT: 9.766 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

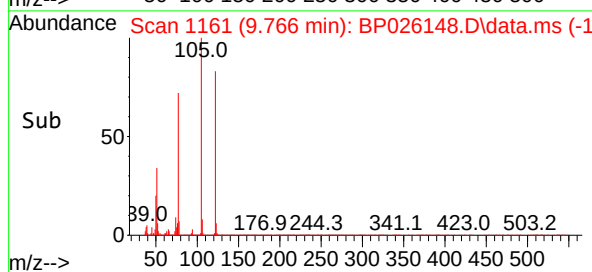
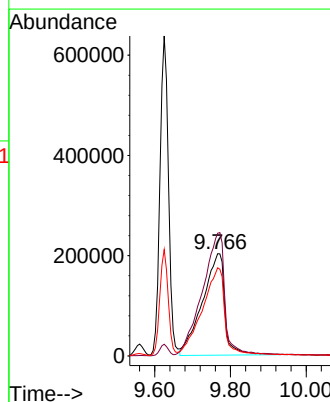
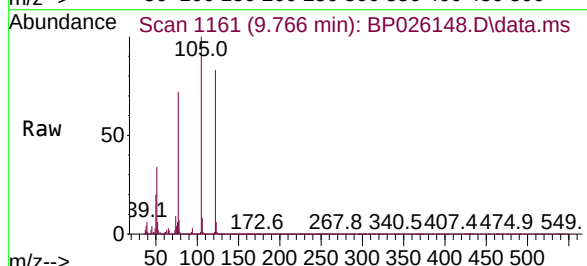
Tgt Ion:122 Resp: 836318

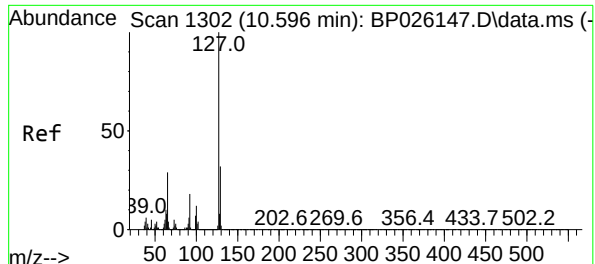
Ion Ratio Lower Upper

122 100

105 120.1 100.1 140.1

77 86.2 66.7 106.7



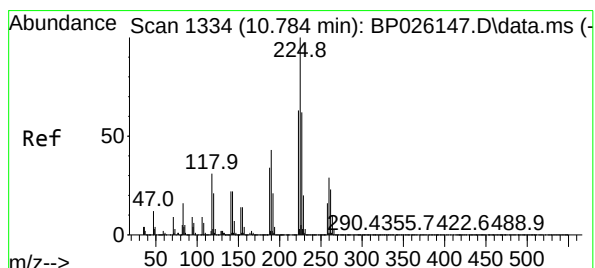
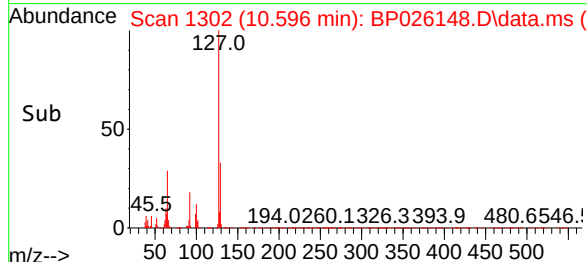
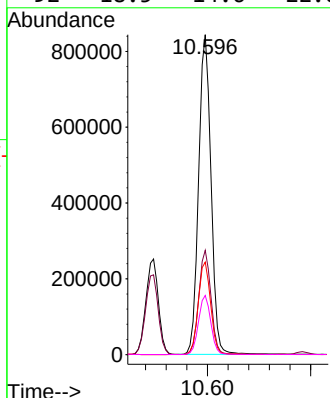
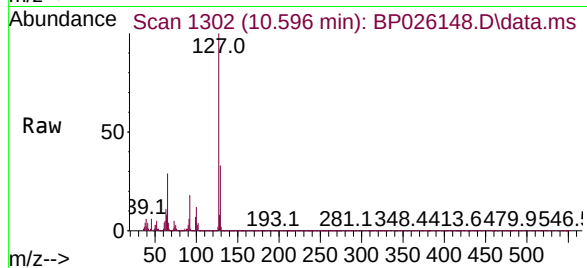


#33
4-Chloroaniline
Concen: 54.856 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1404875

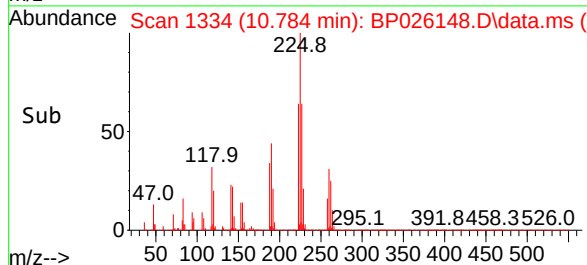
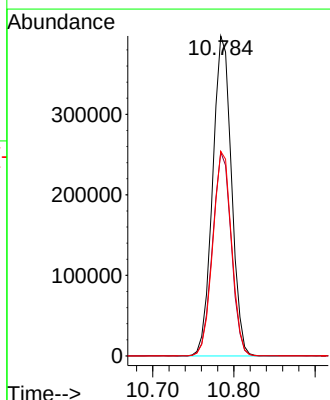
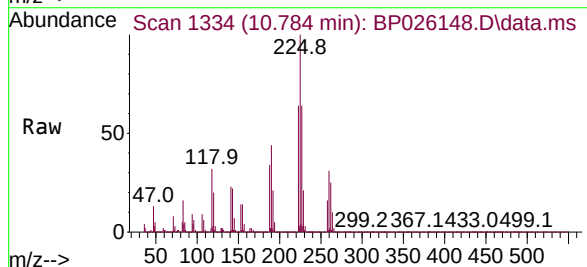
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	28.9	22.7	34.1
92	18.5	14.6	22.0

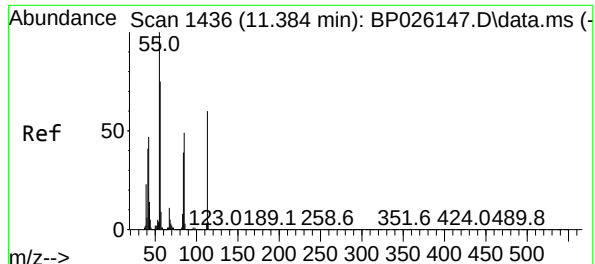


#34
Hexachlorobutadiene
Concen: 49.818 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:225 Resp: 639671

Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.6	74.4
227	63.9	51.2	76.8





#35

Caprolactam

Concen: 55.200 ng

RT: 11.384 min Scan# 1436

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

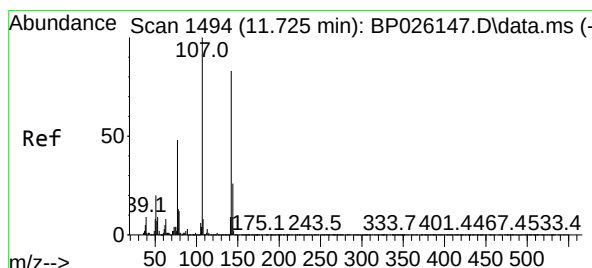
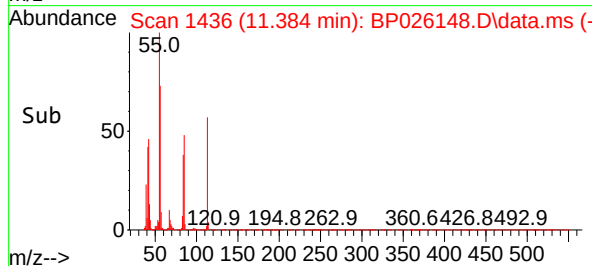
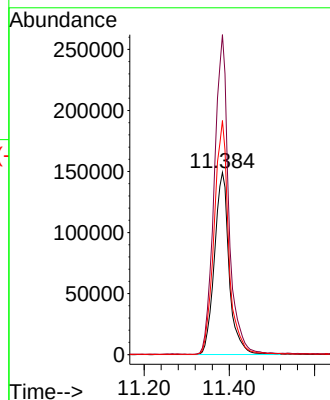
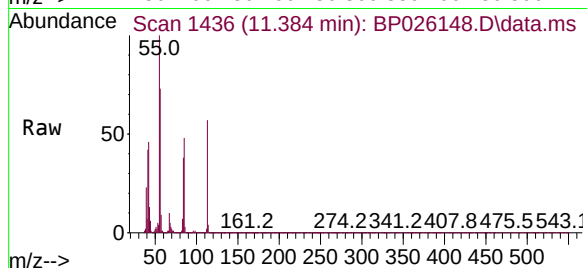
Tgt Ion:113 Resp: 356958

Ion Ratio Lower Upper

113 100

55 175.7 153.0 193.0

56 128.5 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 55.785 ng

RT: 11.731 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

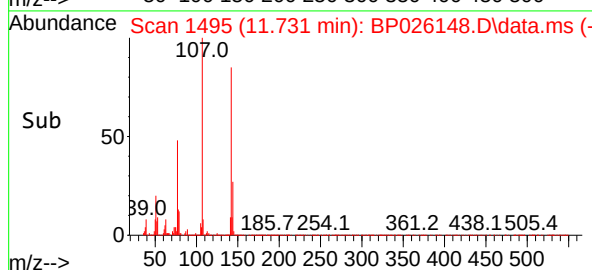
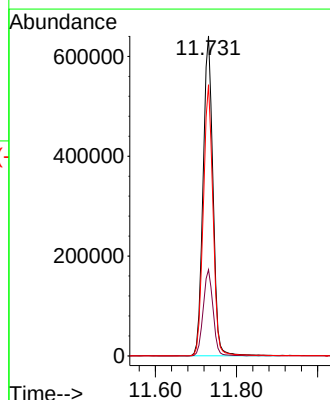
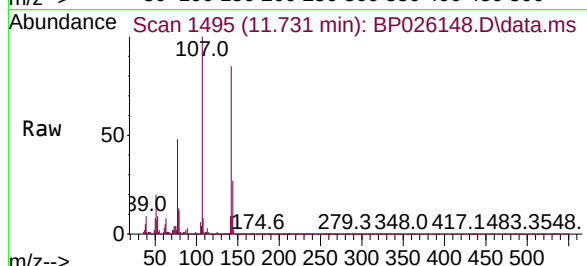
Tgt Ion:107 Resp: 1079361

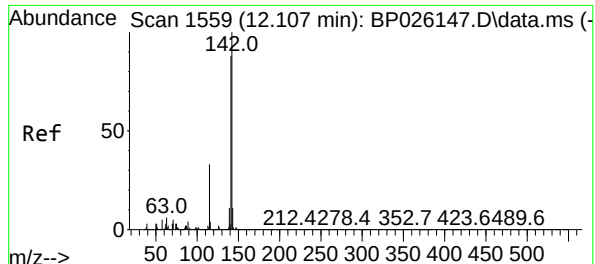
Ion Ratio Lower Upper

107 100

144 26.9 21.6 32.4

142 84.7 65.6 98.4





#37

2-Methylnaphthalene

Concen: 50.940 ng

RT: 12.107 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

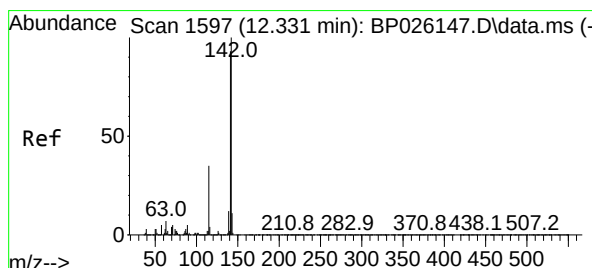
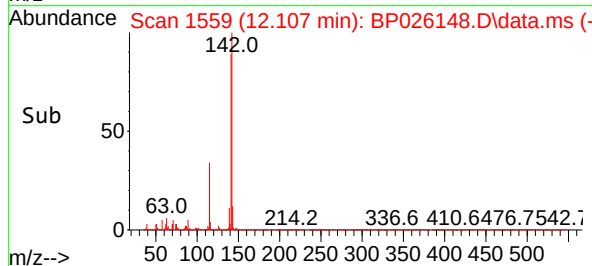
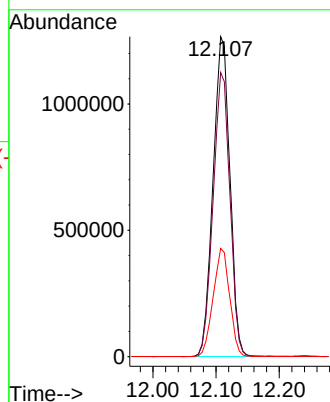
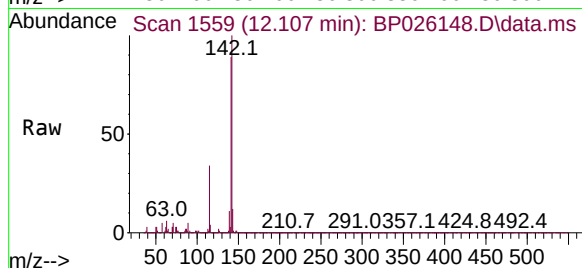
Tgt Ion:142 Resp: 2347741

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6

115 33.8 26.6 39.8



#38

1-Methylnaphthalene

Concen: 50.528 ng

RT: 12.325 min Scan# 1596

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

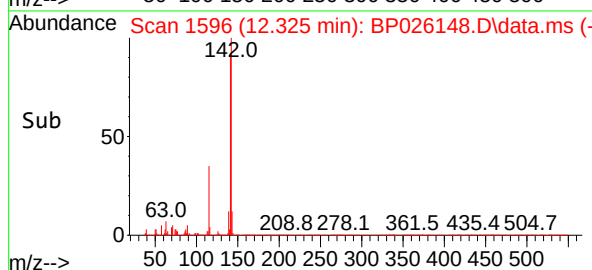
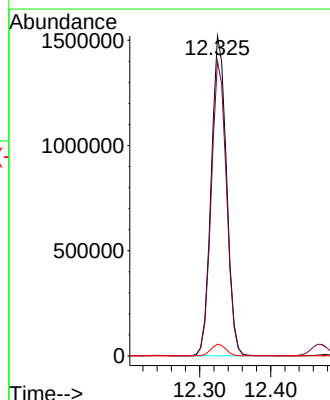
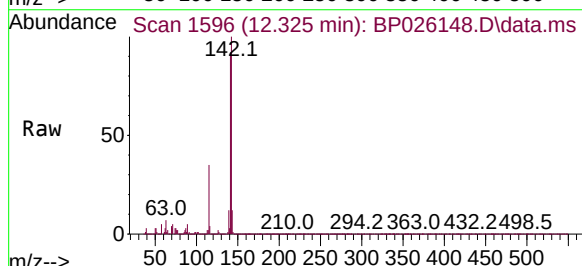
Tgt Ion:142 Resp: 2264098

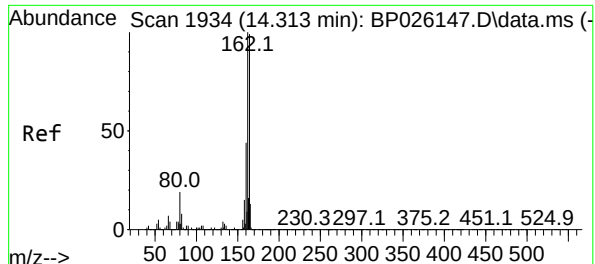
Ion Ratio Lower Upper

142 100

141 92.1 73.5 110.3

116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

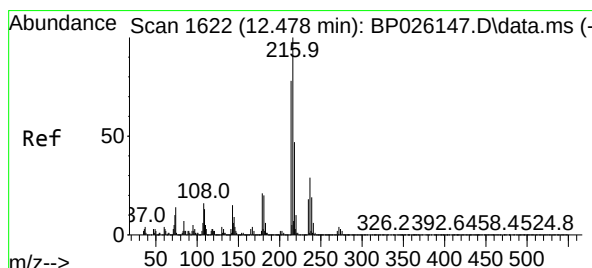
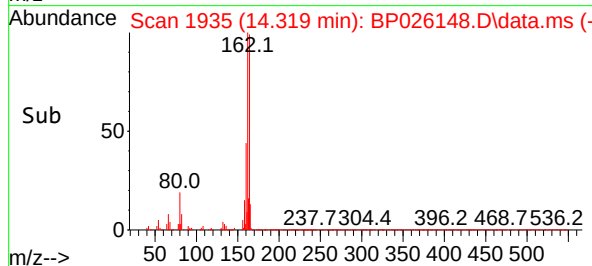
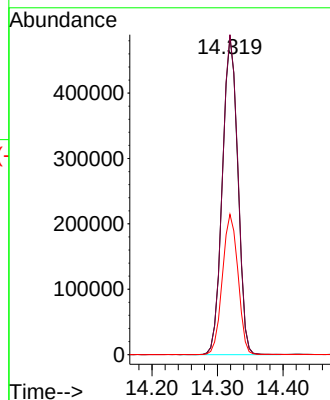
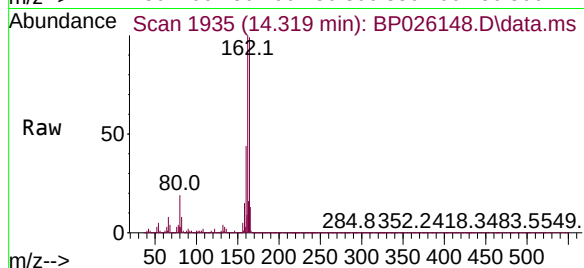
Tgt Ion:164 Resp: 797553

Ion Ratio Lower Upper

164 100

162 101.0 80.3 120.5

160 44.3 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.999 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Tgt Ion:216 Resp: 1184632

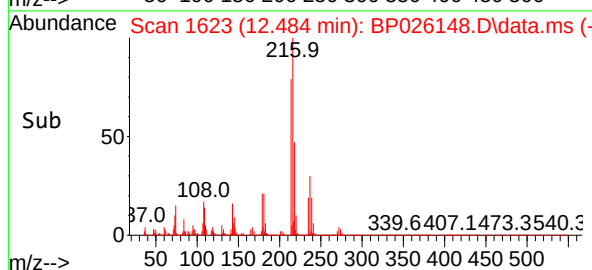
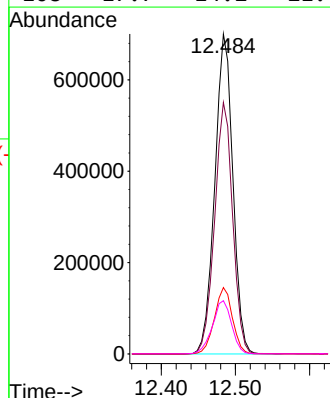
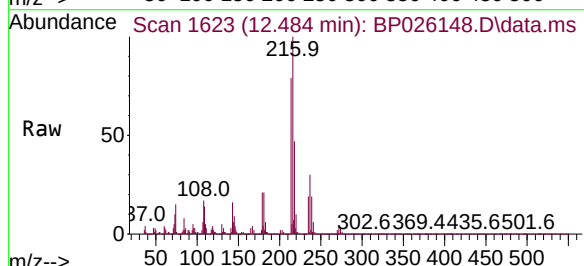
Ion Ratio Lower Upper

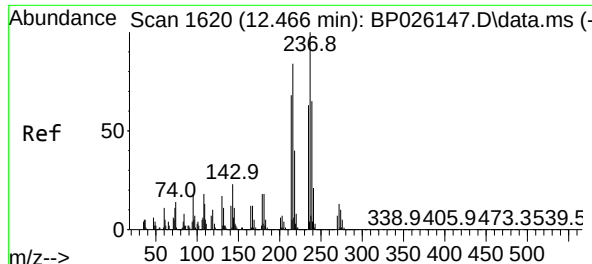
216 100

214 78.4 62.6 94.0

179 20.7 16.6 25.0

108 17.7 14.2 21.4

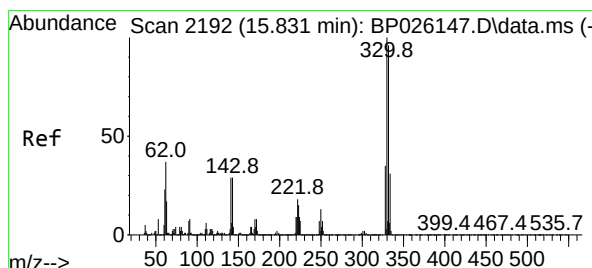
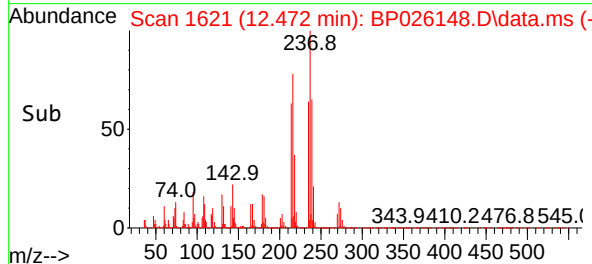
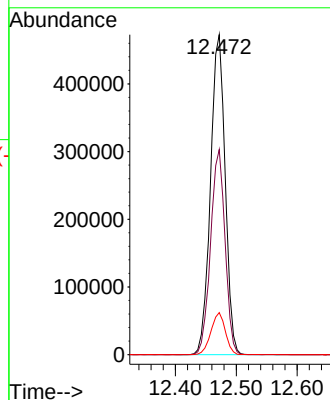
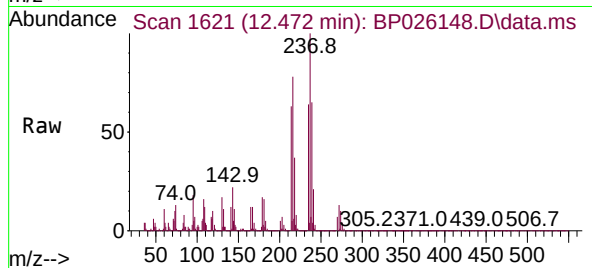




#41
Hexachlorocyclopentadiene
Concen: 76.949 ng
RT: 12.472 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

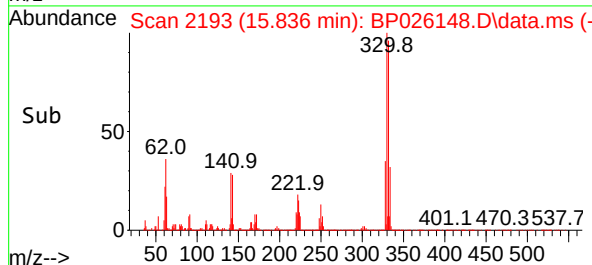
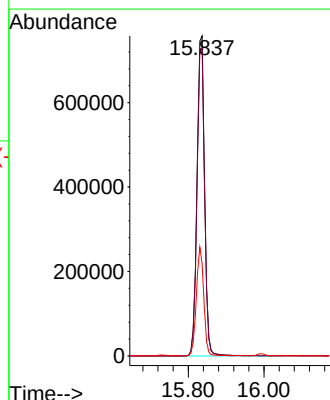
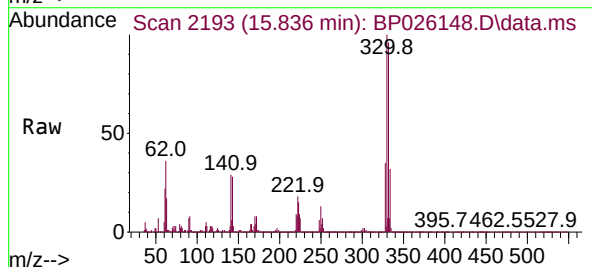
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

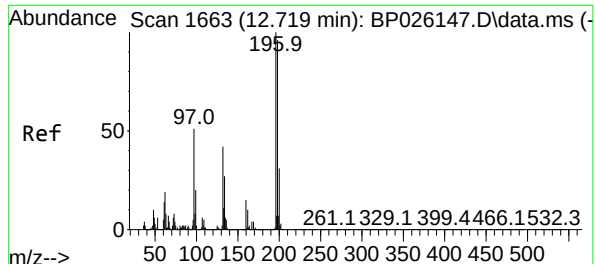
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.3	83.3
272	13.1	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 119.774 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	33.1	26.8	40.2





#43

2,4,6-Trichlorophenol

Concen: 56.757 ng

RT: 12.719 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

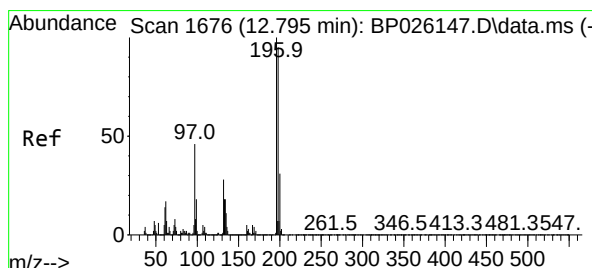
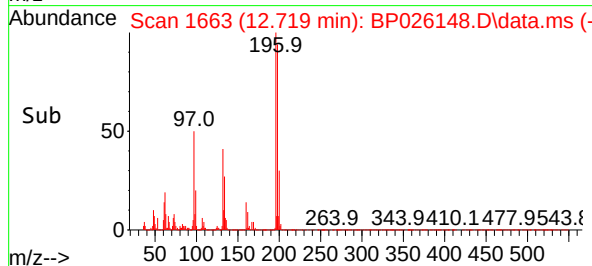
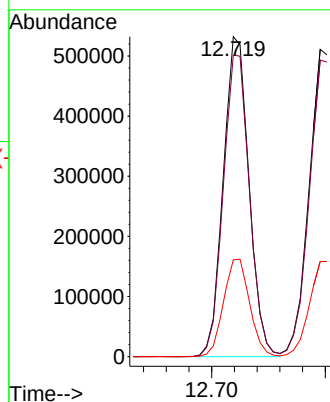
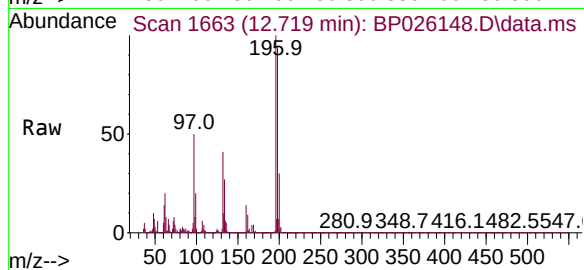
Tgt Ion:196 Resp: 837942

Ion Ratio Lower Upper

196 100

198 94.2 76.9 115.3

200 30.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 55.717 ng

RT: 12.795 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Tgt Ion:196 Resp: 934561

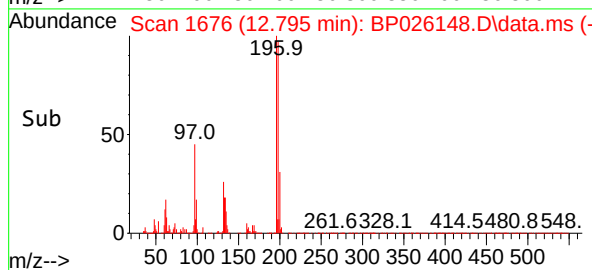
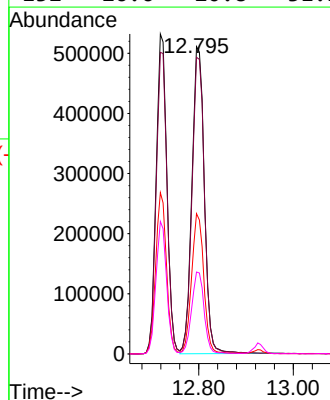
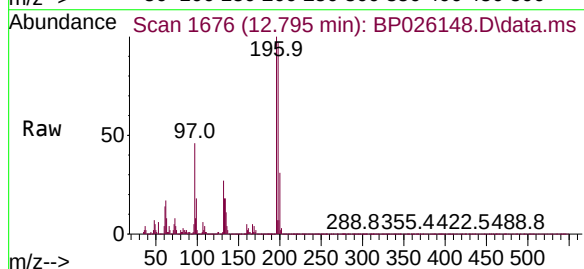
Ion Ratio Lower Upper

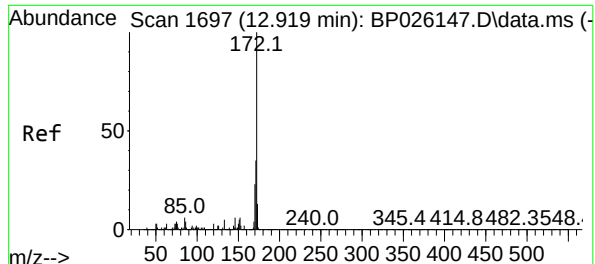
196 100

198 96.5 76.4 114.6

97 45.6 35.7 53.5

132 26.6 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 94.988 ng

RT: 12.925 min Scan# 1698

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

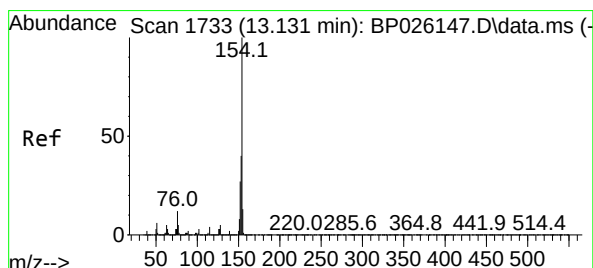
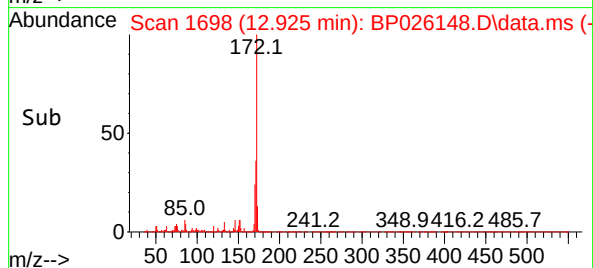
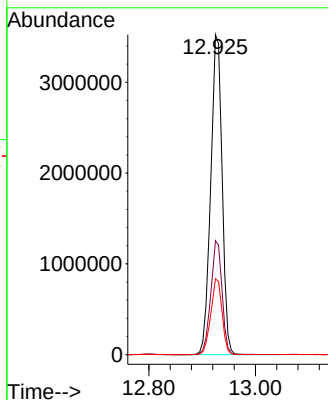
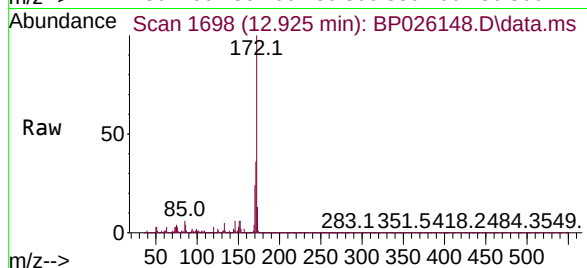
Tgt Ion:172 Resp: 5250598

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.4

170 23.7 18.7 28.1



#46

1,1'-Biphenyl

Concen: 48.177 ng

RT: 13.131 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

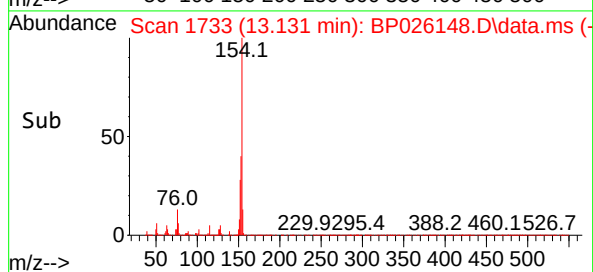
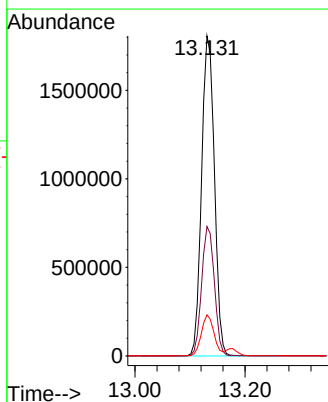
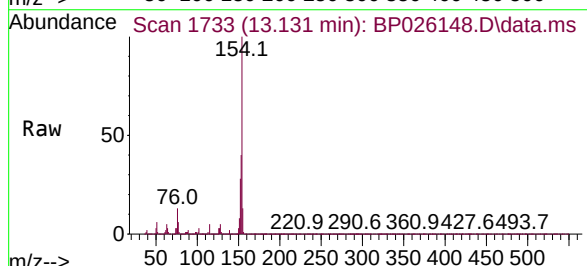
Tgt Ion:154 Resp: 2928877

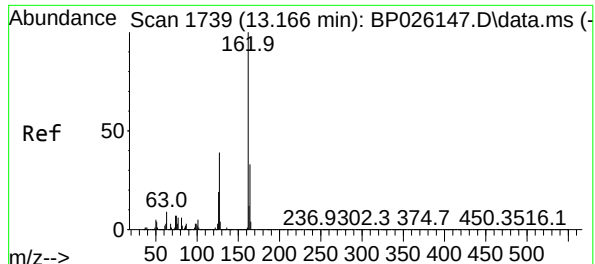
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 12.8 0.0 32.3





#47

2-Chloronaphthalene

Concen: 48.576 ng

RT: 13.172 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

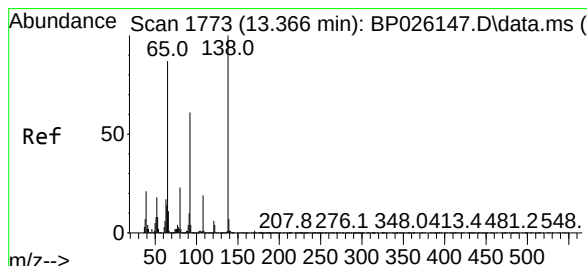
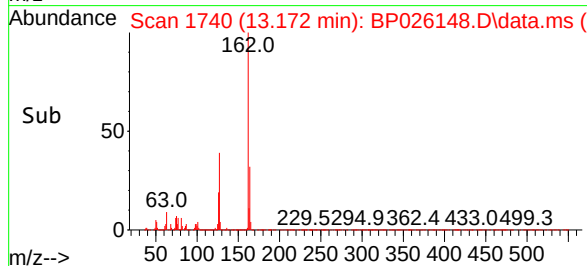
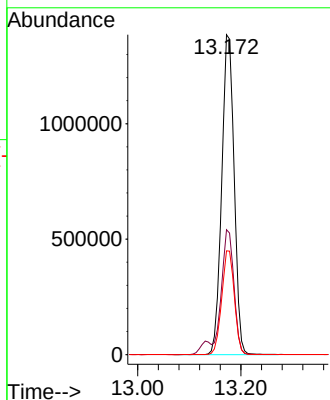
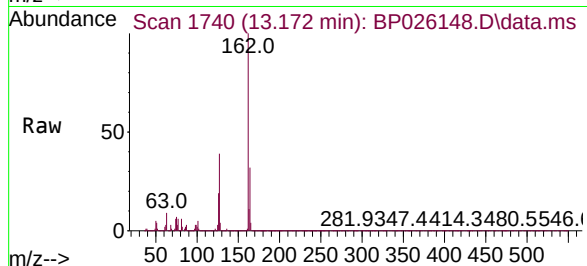
Tgt Ion:162 Resp: 2321684

Ion Ratio Lower Upper

162 100

127 39.0 30.9 46.3

164 32.4 26.4 39.6



#48

2-Nitroaniline

Concen: 60.939 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

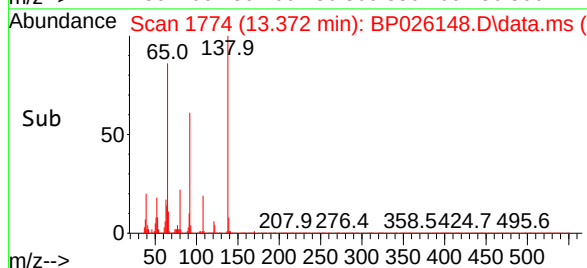
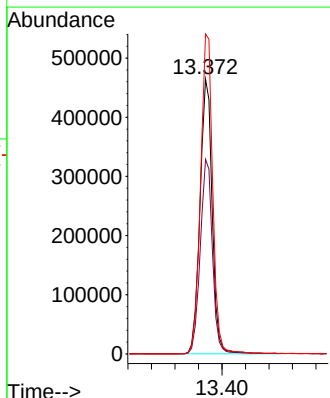
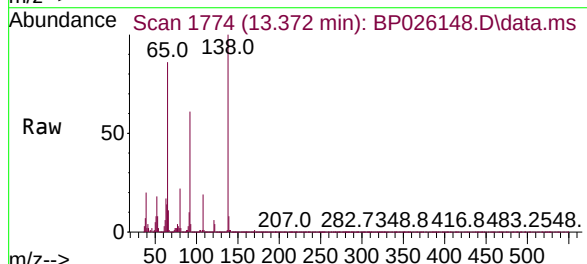
Tgt Ion: 65 Resp: 669977

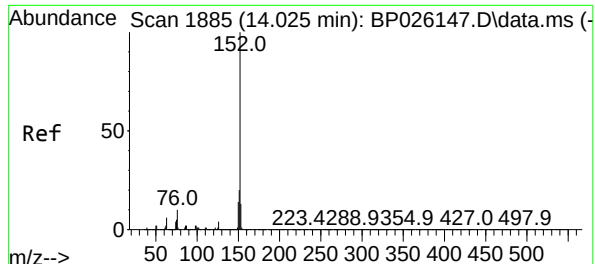
Ion Ratio Lower Upper

65 100

92 70.8 59.1 88.7

138 116.5 96.6 145.0





#49

Acenaphthylene

Concen: 54.828 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

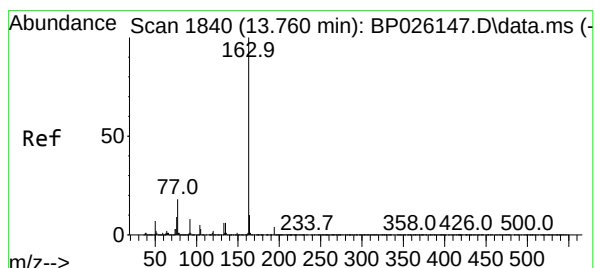
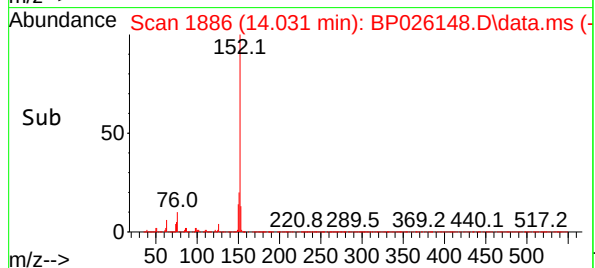
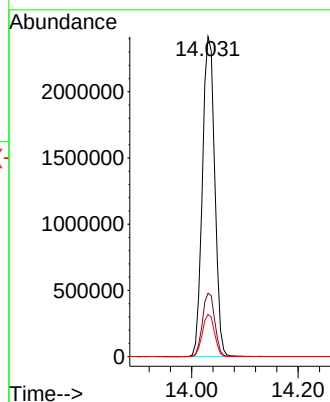
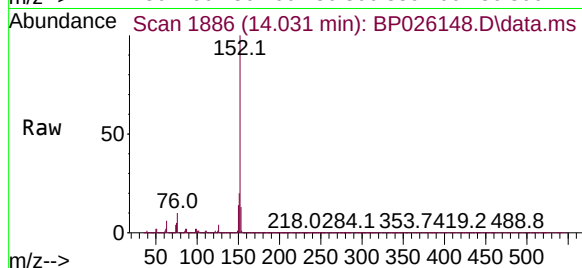
Tgt Ion:152 Resp: 3873345

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 50.746 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

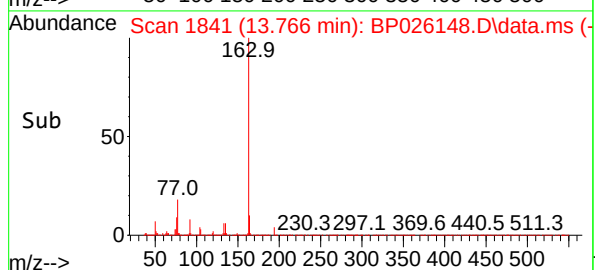
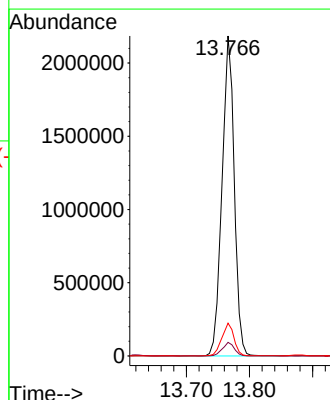
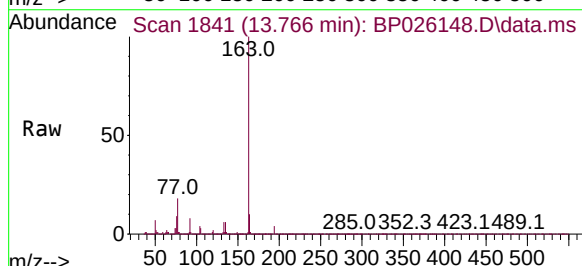
Tgt Ion:163 Resp: 2930655

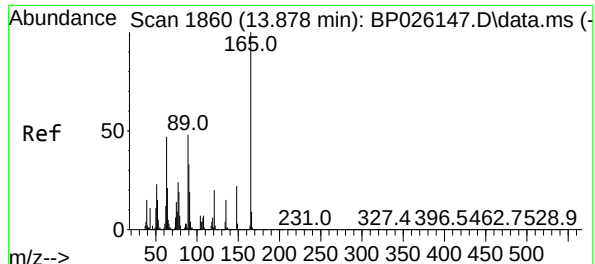
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 8.2 12.2

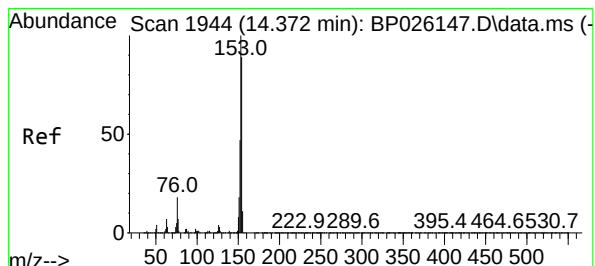
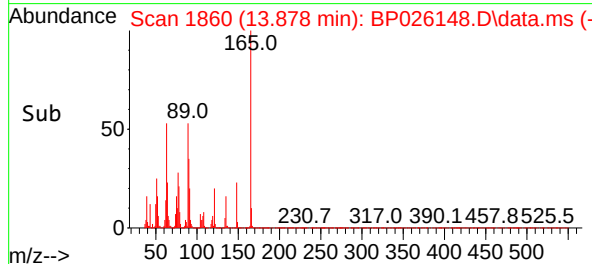
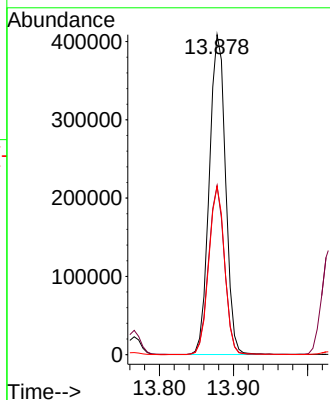
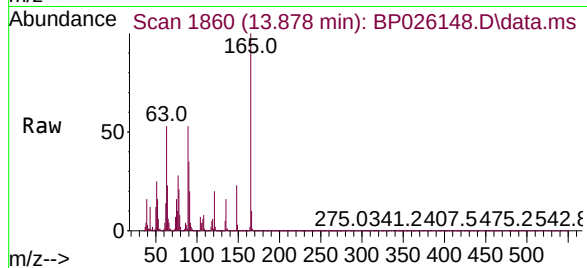




#51
2,6-Dinitrotoluene
Concen: 64.134 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

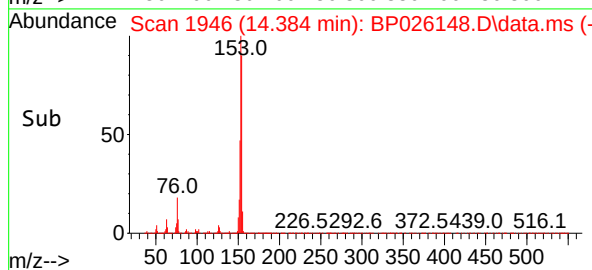
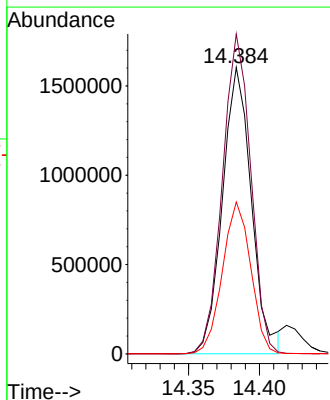
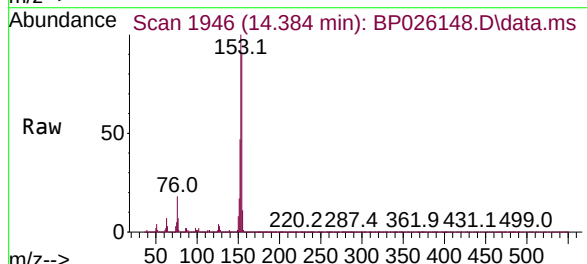
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

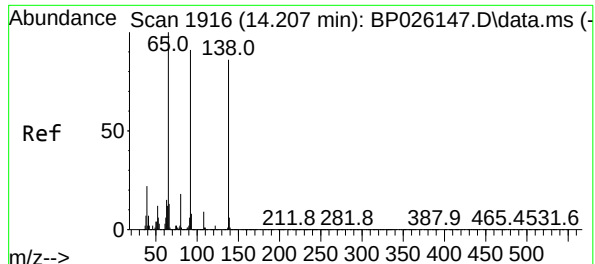
Tgt Ion:165 Resp: 622671
Ion Ratio Lower Upper
165 100
63 52.8 40.5 60.7
89 52.6 41.3 61.9



#52
Acenaphthene
Concen: 48.135 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:154 Resp: 2275322
Ion Ratio Lower Upper
154 100
153 111.7 90.7 136.1
152 53.0 42.8 64.2

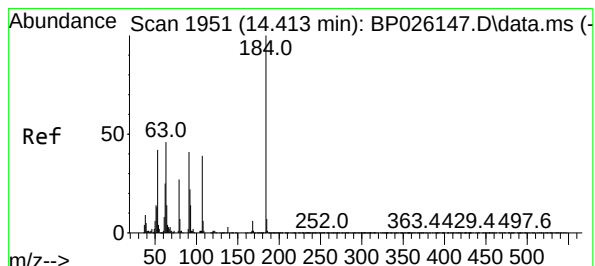
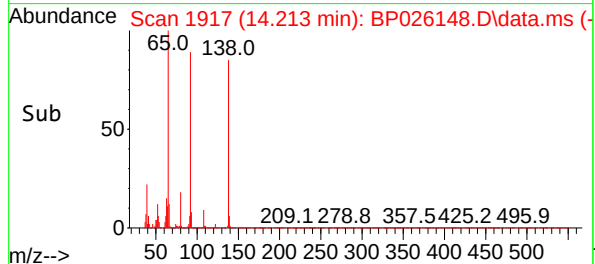
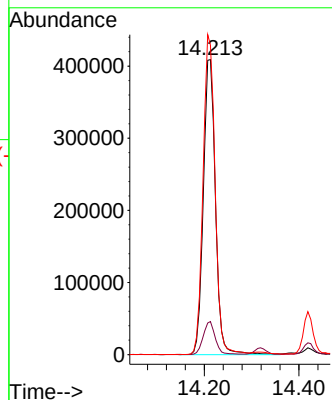
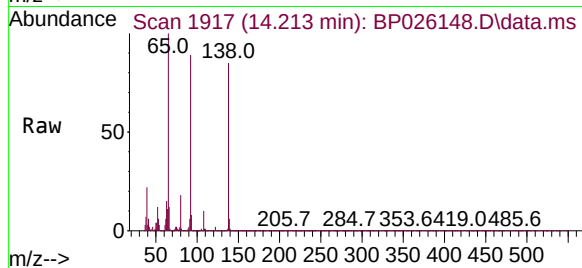




#53
3-Nitroaniline
Concen: 61.795 ng
RT: 14.213 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

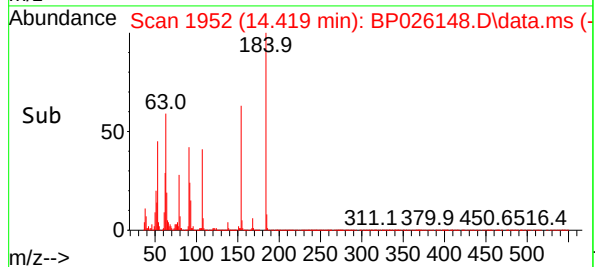
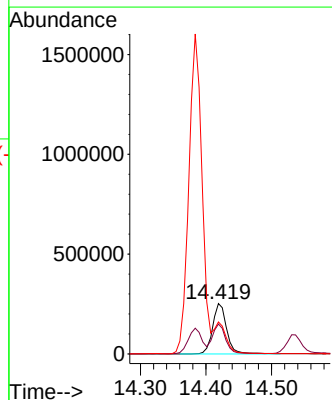
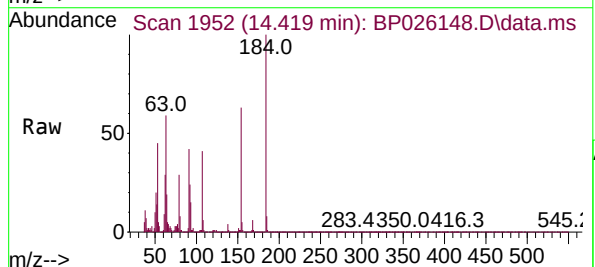
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

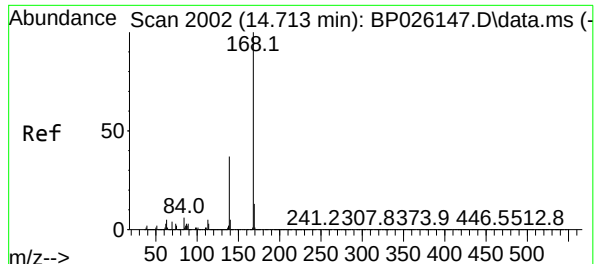
Tgt Ion:138 Resp: 725831
Ion Ratio Lower Upper
138 100
108 11.2 8.9 13.3
92 105.0 86.3 129.5



#54
2,4-Dinitrophenol
Concen: 83.625 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:184 Resp: 372594
Ion Ratio Lower Upper
184 100
63 59.3 43.1 64.7
154 63.4 49.5 74.3





#55

Dibenzofuran

Concen: 48.822 ng

RT: 14.725 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

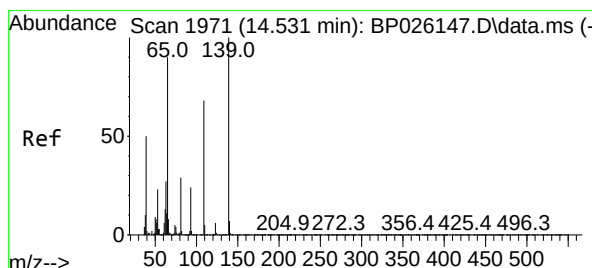
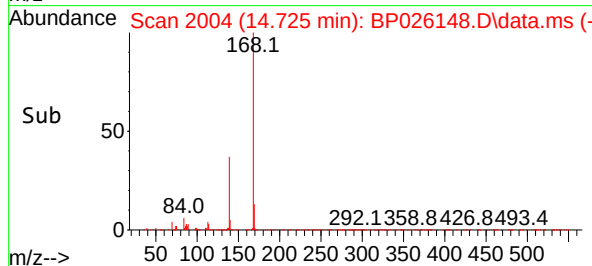
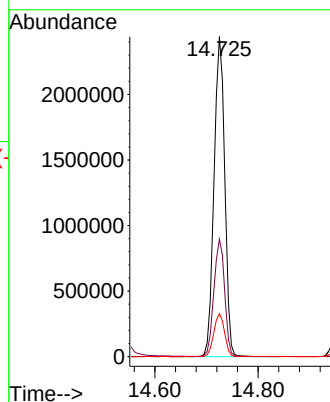
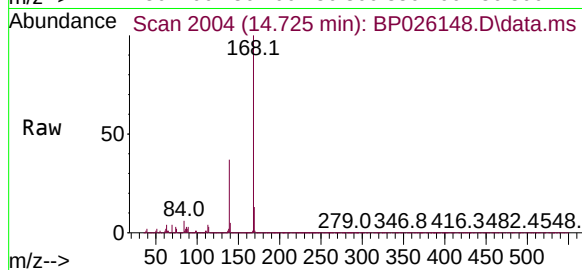
Tgt Ion:168 Resp: 3514504

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.6

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 53.593 ng

RT: 14.537 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

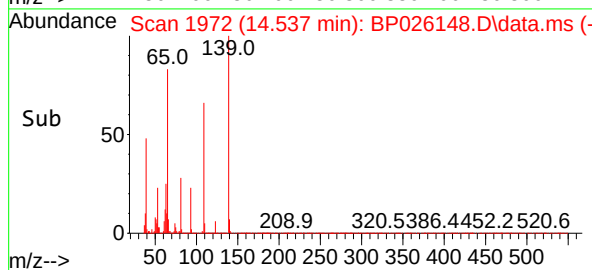
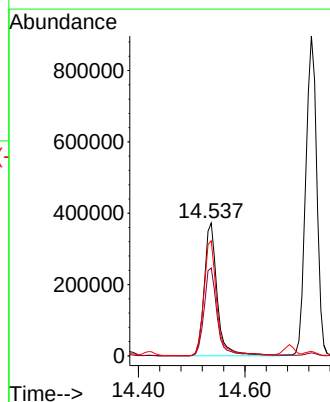
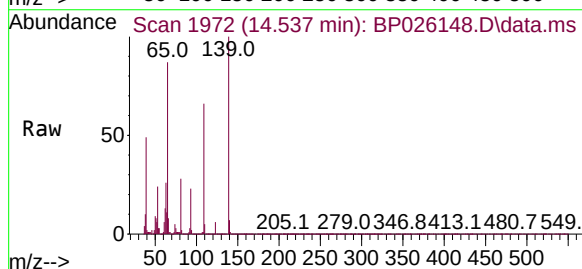
Tgt Ion:139 Resp: 626548

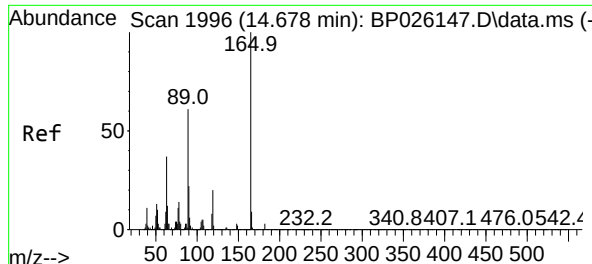
Ion Ratio Lower Upper

139 100

109 66.1 46.8 86.8

65 86.7 69.3 109.3

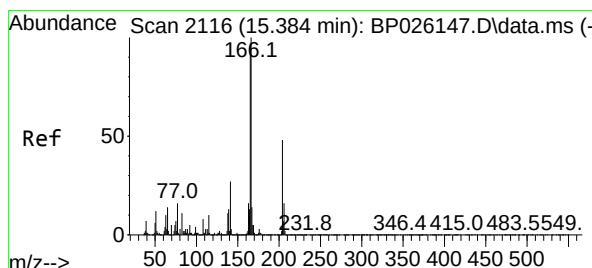
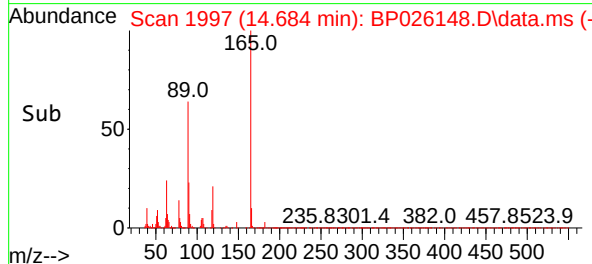
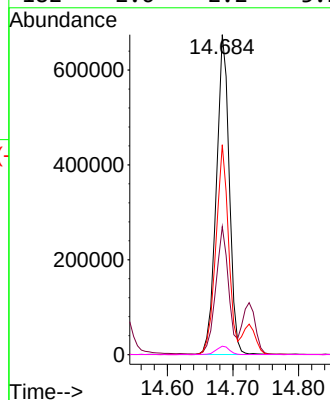
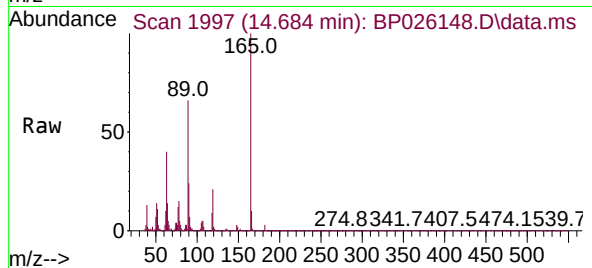




#57
2,4-Dinitrotoluene
Concen: 65.348 ng
RT: 14.684 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

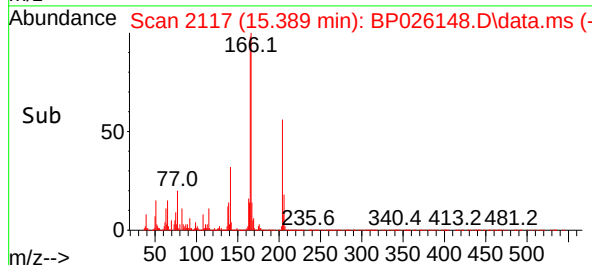
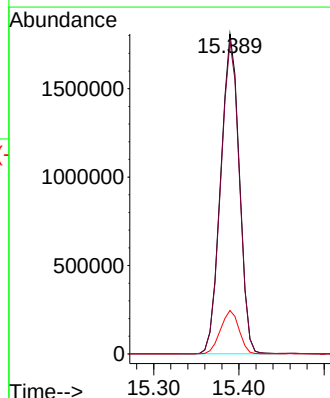
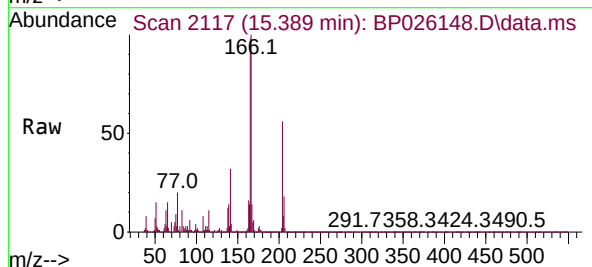
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

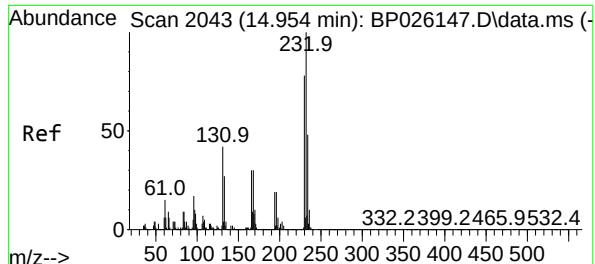
Tgt Ion:165 Resp: 925879
Ion Ratio Lower Upper
165 100
63 40.0 31.0 46.6
89 65.6 51.7 77.5
182 2.6 2.2 3.2



#58
Fluorene
Concen: 48.440 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:166 Resp: 2739619
Ion Ratio Lower Upper
166 100
165 97.6 77.9 116.9
167 13.6 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.606 ng

RT: 14.954 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 791779

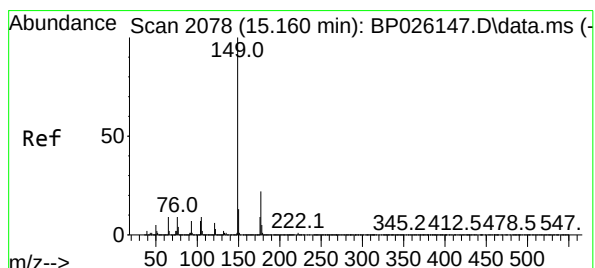
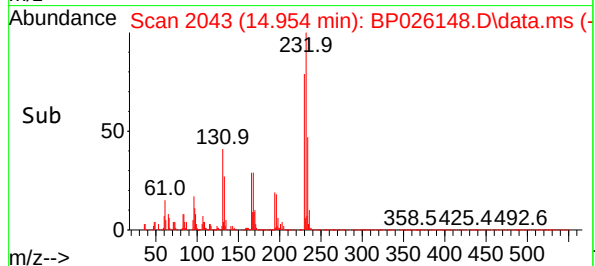
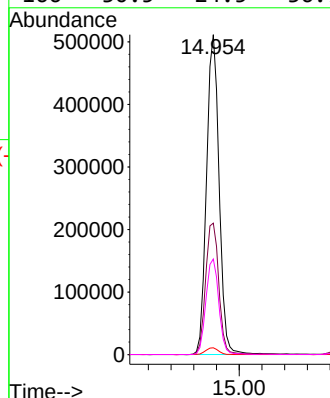
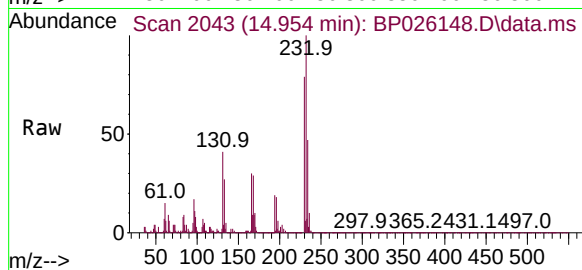
Ion Ratio Lower Upper

232 100

131 43.1 34.8 52.2

130 2.2 1.8 2.8

166 30.5 24.5 36.7



#60

Diethylphthalate

Concen: 51.232 ng

RT: 15.166 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

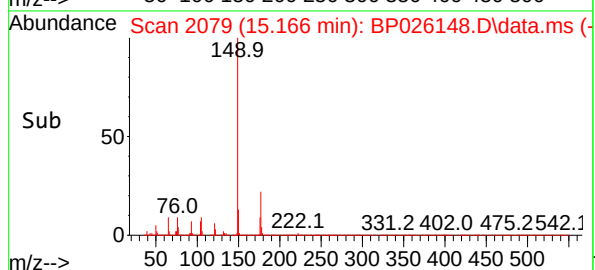
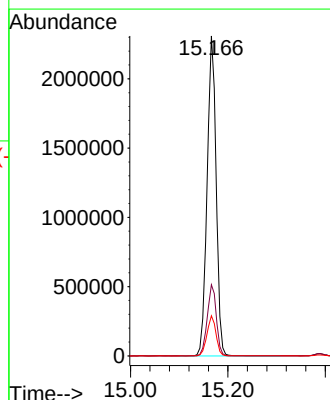
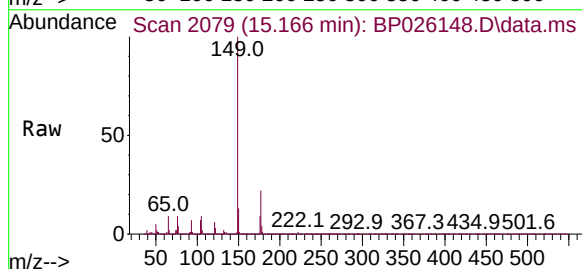
Tgt Ion:149 Resp: 2976494

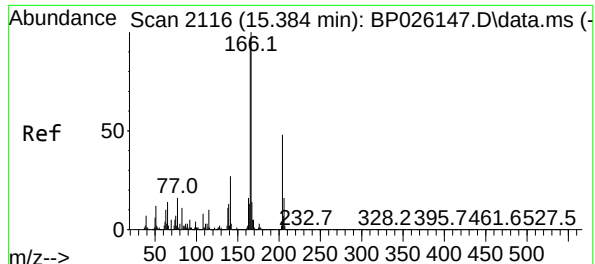
Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

150 12.5 9.9 14.9

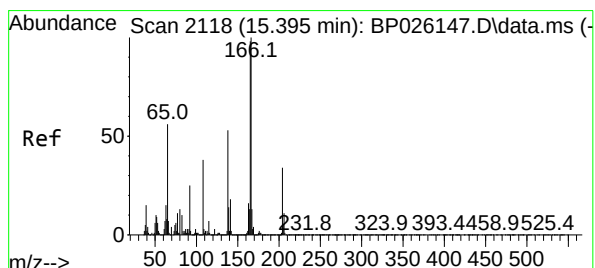
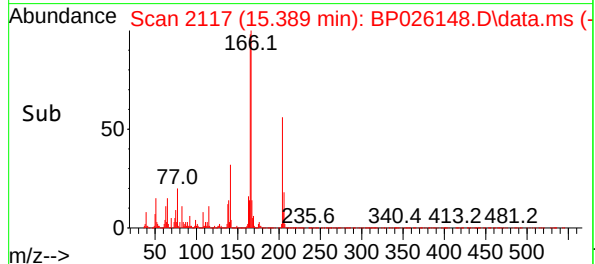
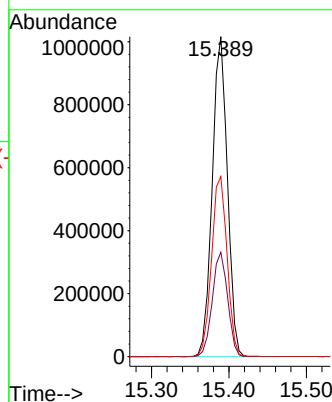
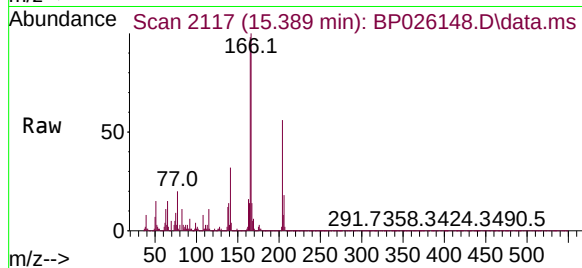




#61
4-Chlorophenyl-phenylether
Concen: 48.888 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

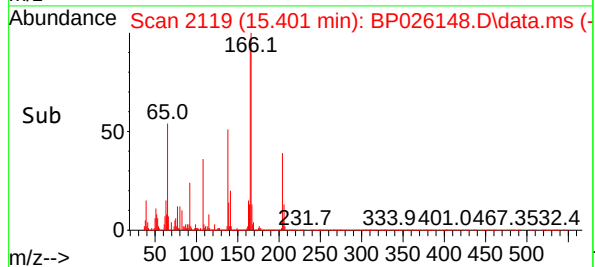
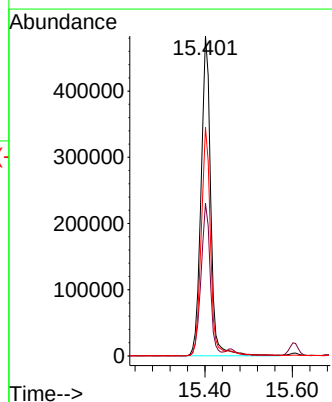
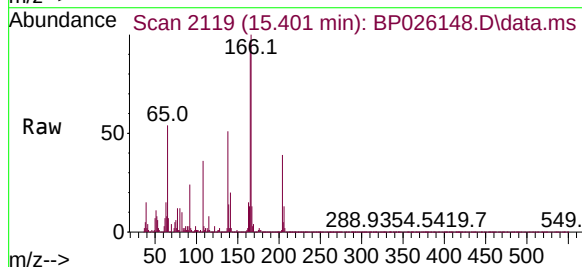
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

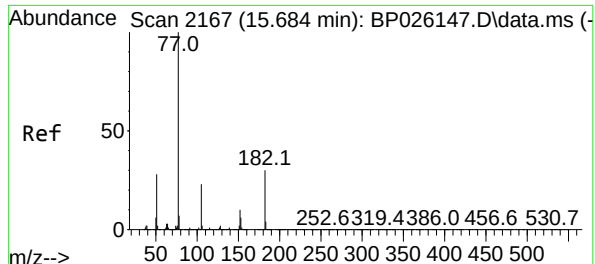
Tgt Ion:204 Resp: 1378247
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 56.3 48.1 72.1



#62
4-Nitroaniline
Concen: 58.965 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:138 Resp: 734482
Ion Ratio Lower Upper
138 100
92 47.6 27.5 67.5
108 71.4 51.1 91.1



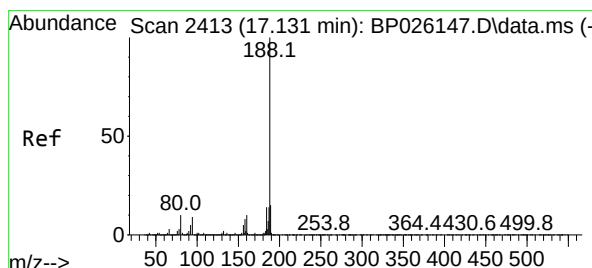
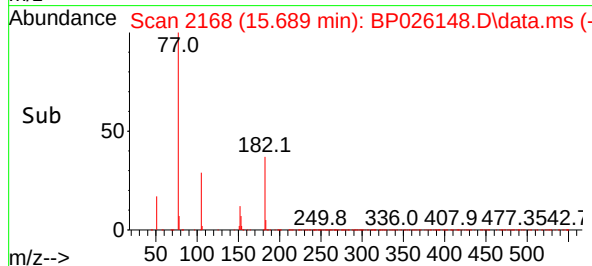
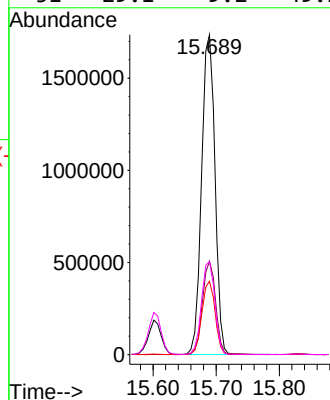
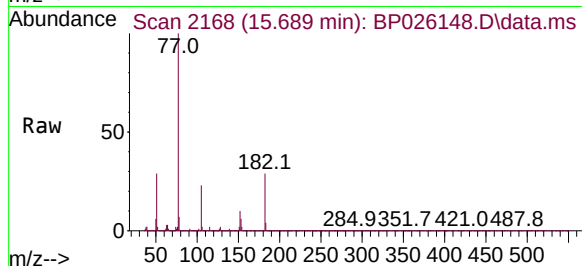


#63
Azobenzene
Concen: 48.803 ng
RT: 15.689 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2549241

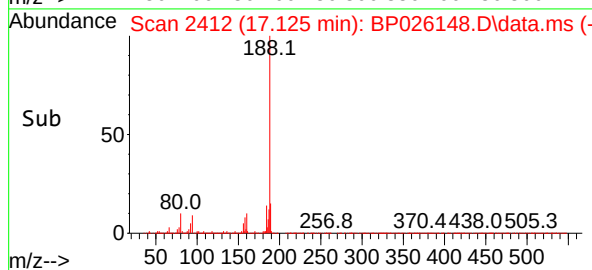
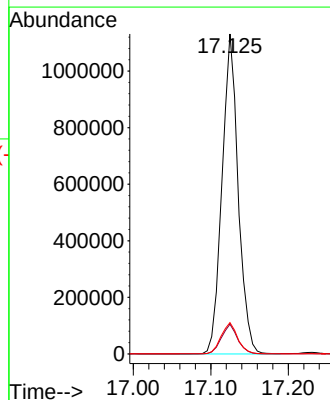
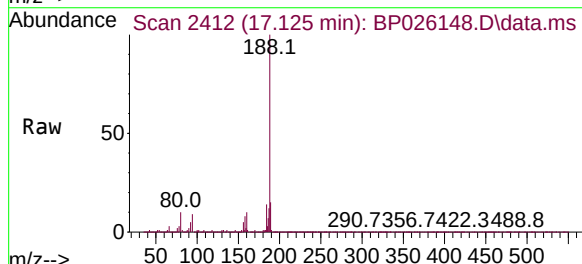
Ion	Ratio	Lower	Upper
77	100		
182	29.2	8.8	48.8
105	22.9	2.6	42.6
51	29.1	9.2	49.2

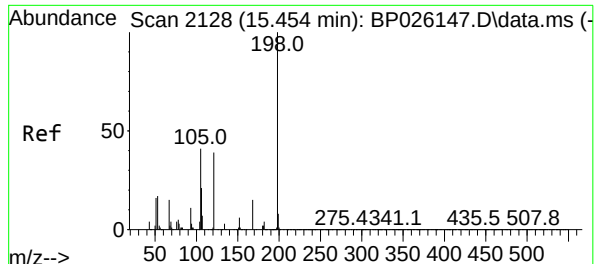


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion: 188 Resp: 1640808

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.6
80	9.8	8.2	12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 77.066 ng

RT: 15.460 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

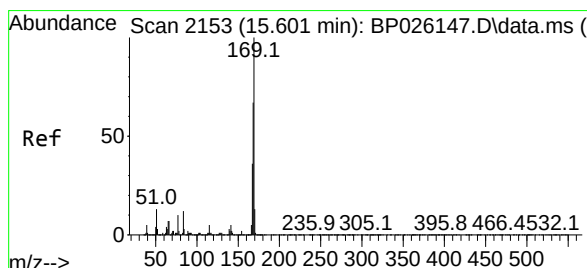
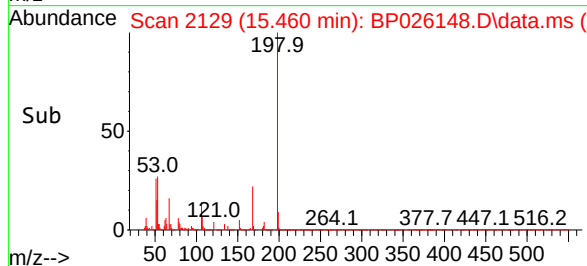
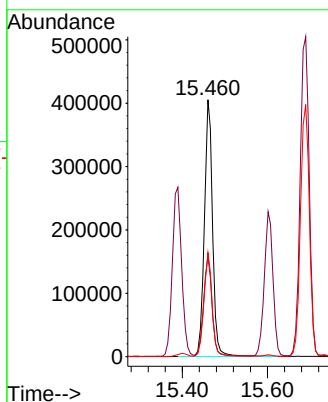
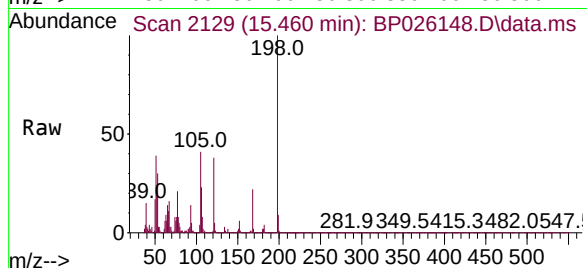
Tgt Ion:198 Resp: 539726

Ion Ratio Lower Upper

198 100

51 38.9 18.4 58.4

105 40.5 18.5 58.5



#66

n-Nitrosodiphenylamine

Concen: 48.943 ng

RT: 15.601 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

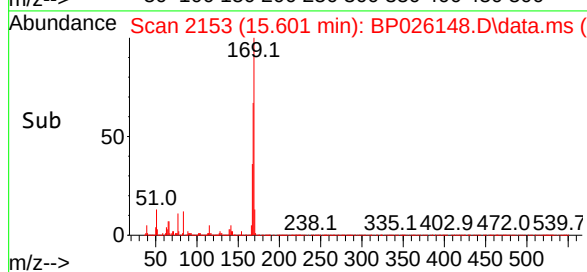
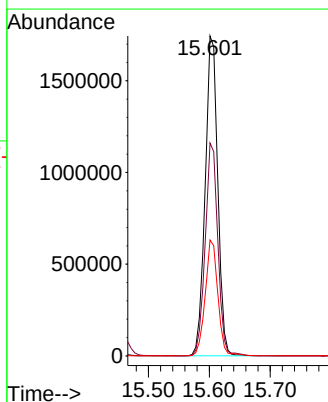
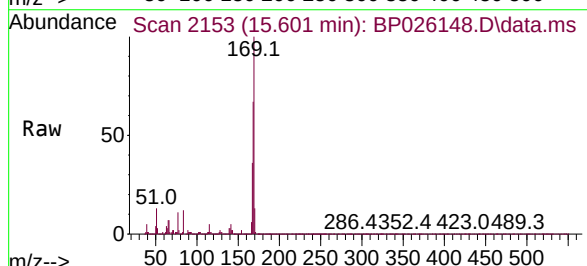
Tgt Ion:169 Resp: 2501945

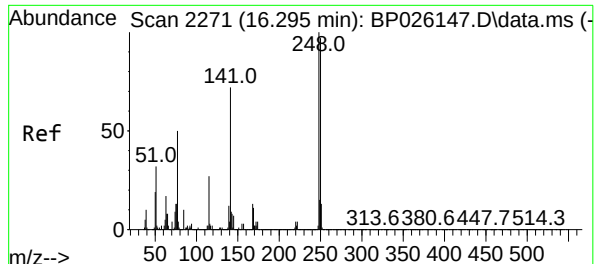
Ion Ratio Lower Upper

169 100

168 66.5 53.1 79.7

167 36.3 28.9 43.3

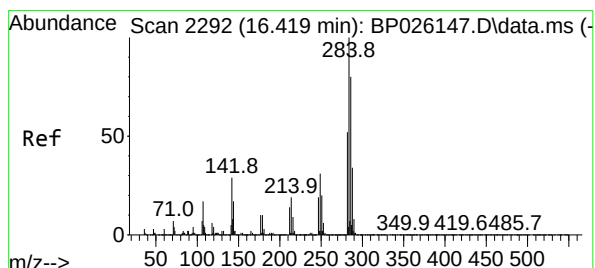
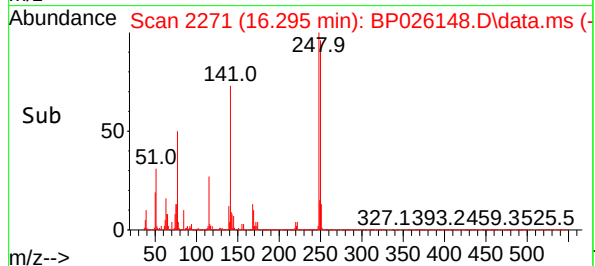
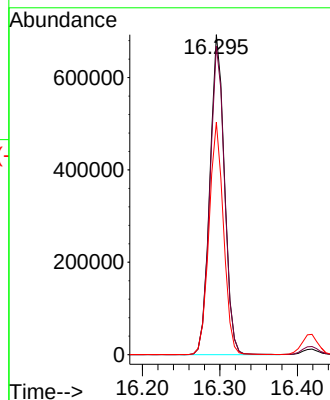
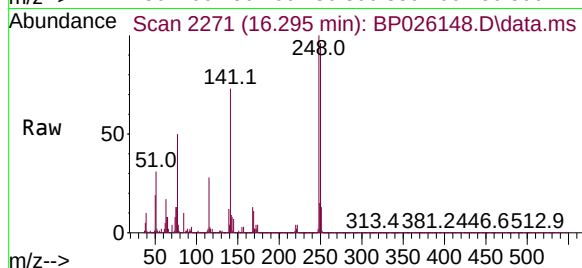




#67
4-Bromophenyl-phenylether
Concen: 49.759 ng
RT: 16.295 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

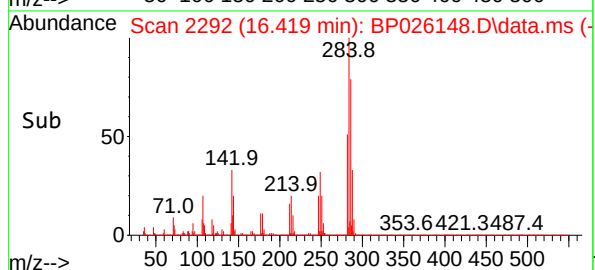
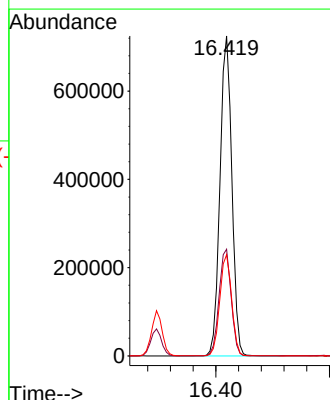
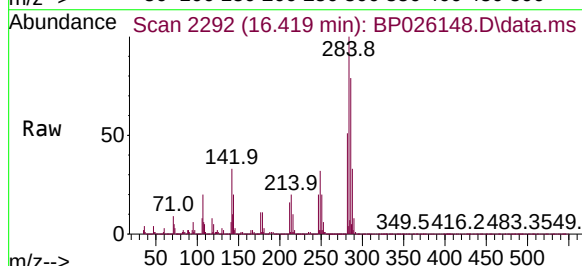
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

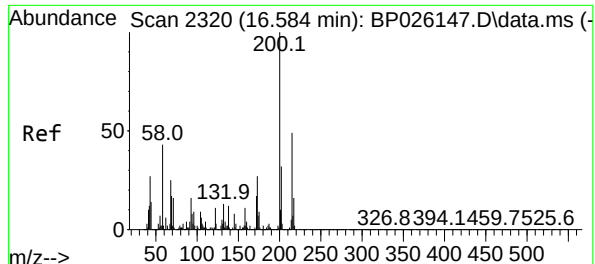
Tgt Ion:248 Resp: 906367
Ion Ratio Lower Upper
248 100
250 96.4 77.8 116.6
141 72.6 55.4 83.0



#68
Hexachlorobenzene
Concen: 50.429 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:284 Resp: 1044994
Ion Ratio Lower Upper
284 100
142 33.3 28.0 42.0
249 31.6 25.0 37.4





#69

Atrazine

Concen: 54.471 ng

RT: 16.584 min Scan# 2320

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDIC050

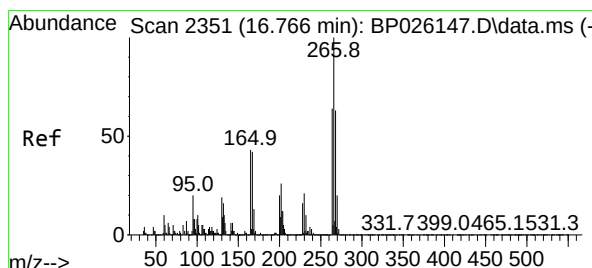
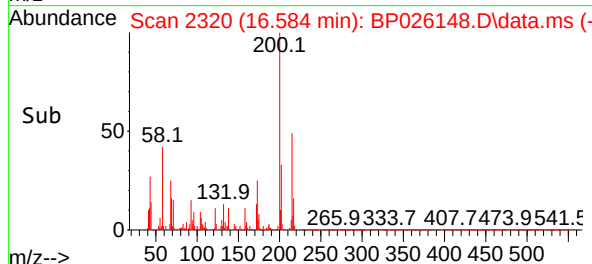
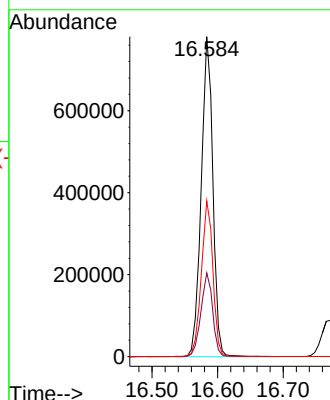
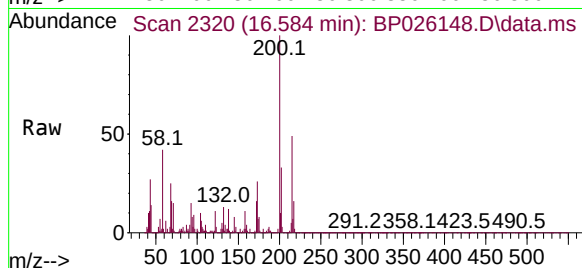
Tgt Ion:200 Resp: 954570

Ion Ratio Lower Upper

200 100

173 26.2 6.7 46.7

215 48.7 27.4 67.4



#70

Pentachlorophenol

Concen: 56.819 ng

RT: 16.772 min Scan# 2352

Delta R.T. -0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

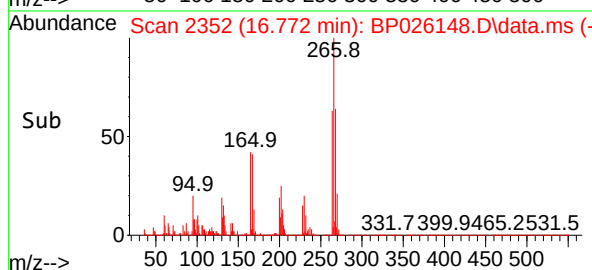
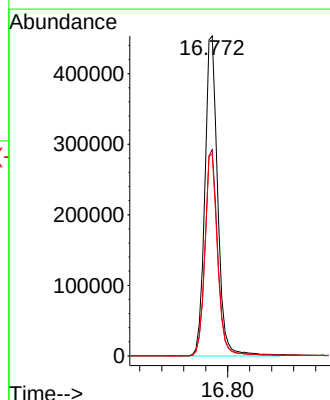
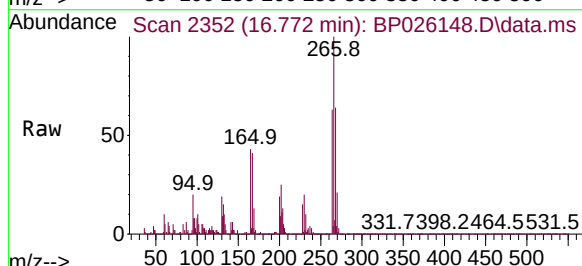
Tgt Ion:266 Resp: 733498

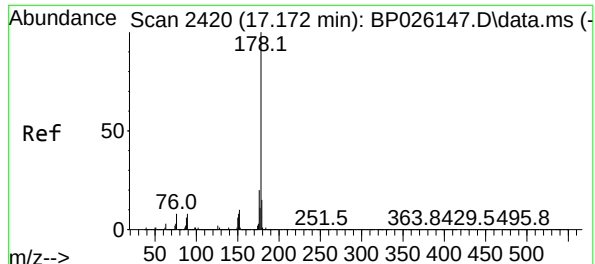
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.4

264 63.1 50.2 75.2

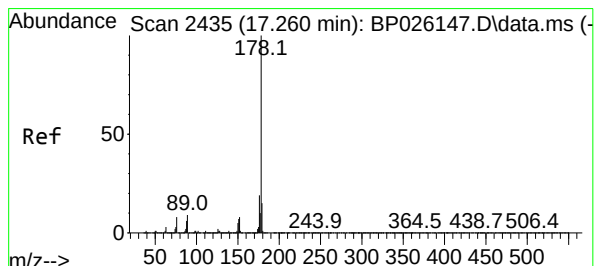
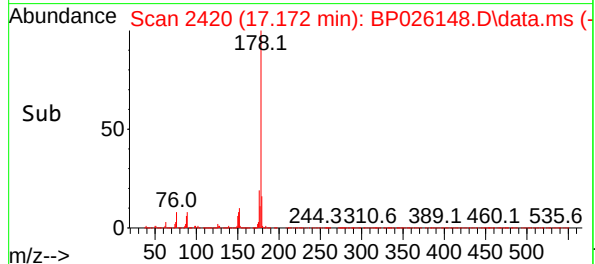
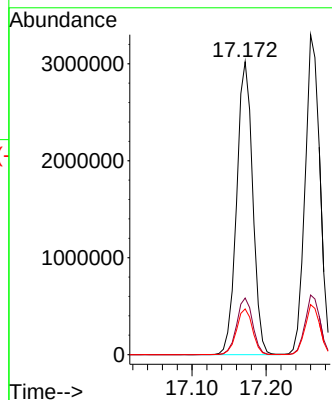
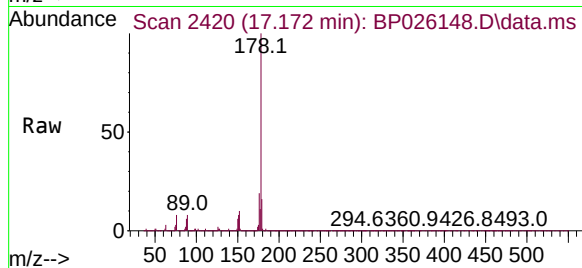




#71
Phenanthrene
Concen: 47.698 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

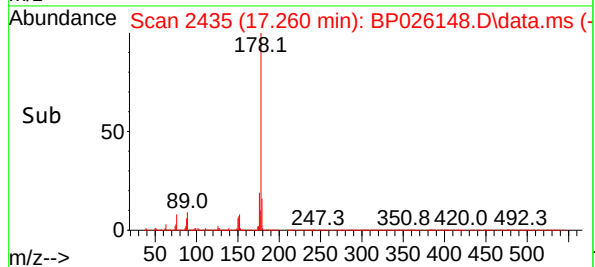
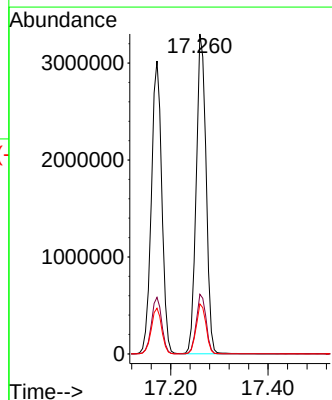
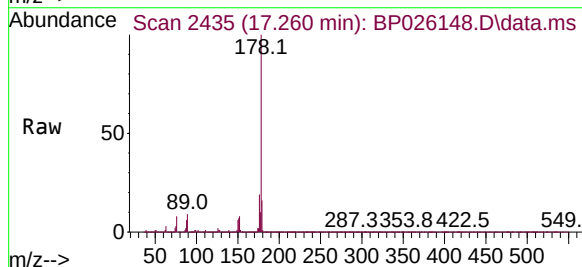
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

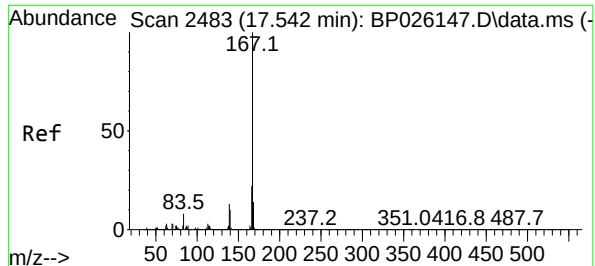
Tgt Ion:178 Resp: 4521516
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.6 12.4 18.6



#72
Anthracene
Concen: 48.679 ng
RT: 17.260 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:178 Resp: 4603902
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.4

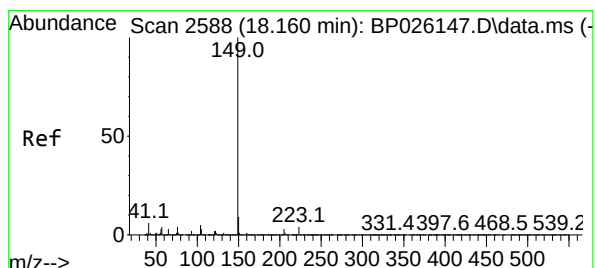
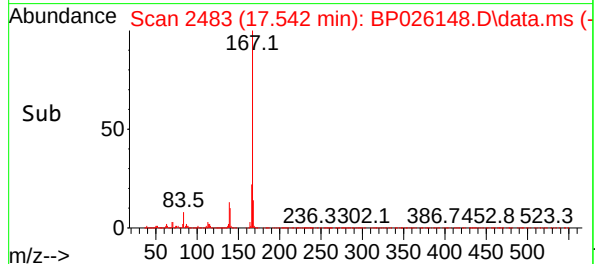
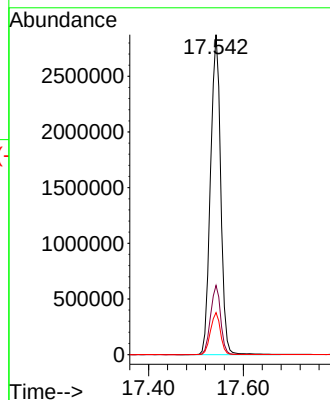
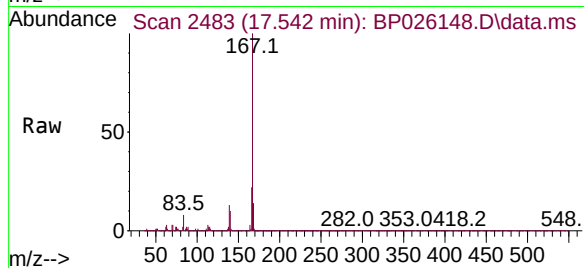




#73
Carbazole
Concen: 48.149 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

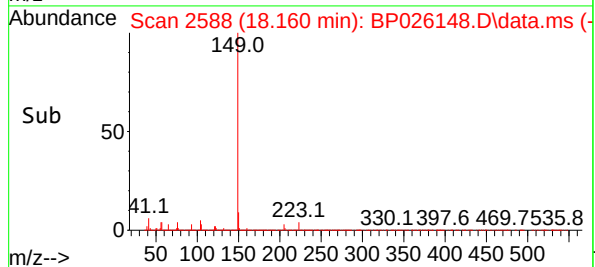
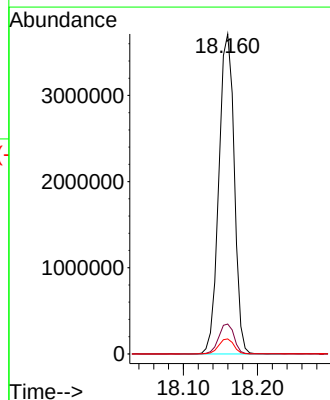
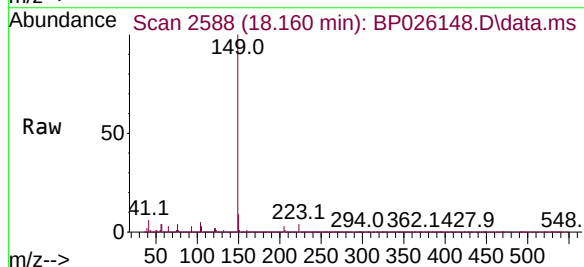
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

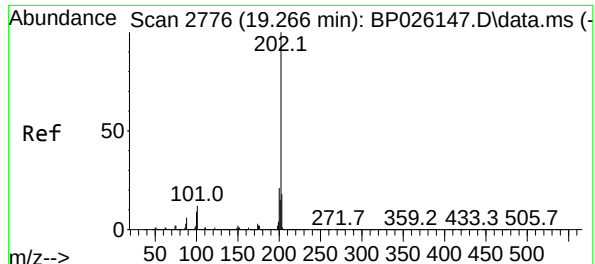
Tgt Ion:167 Resp: 4285462
Ion Ratio Lower Upper
167 100
166 21.6 17.1 25.7
139 13.1 10.2 15.4



#74
Di-n-butylphthalate
Concen: 53.150 ng
RT: 18.160 min Scan# 2588
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 5349681
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.7 3.6 5.4

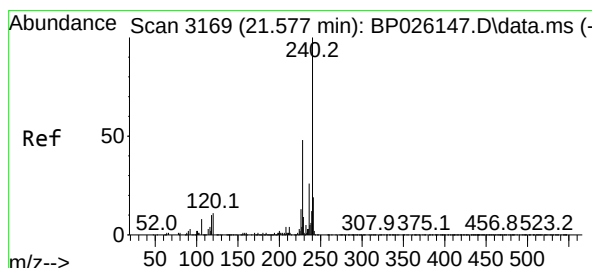
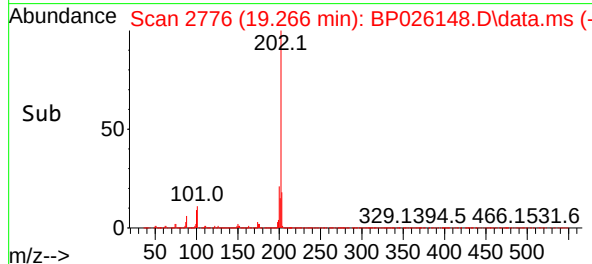
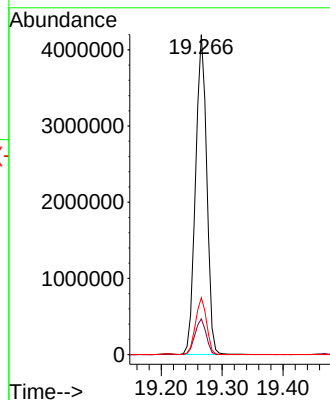
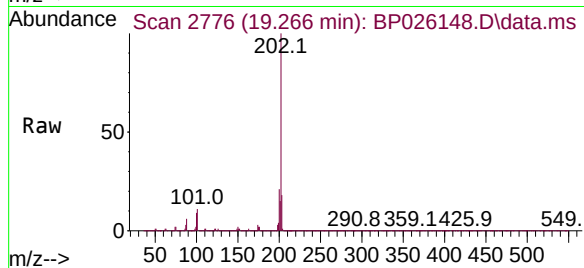




#75
Fluoranthene
Concen: 48.317 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

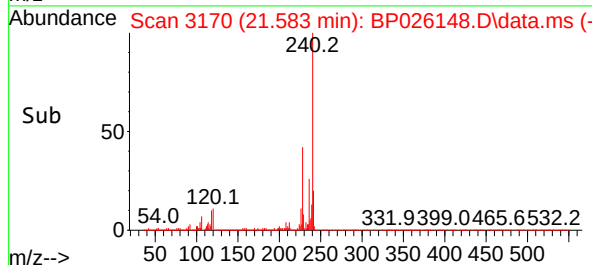
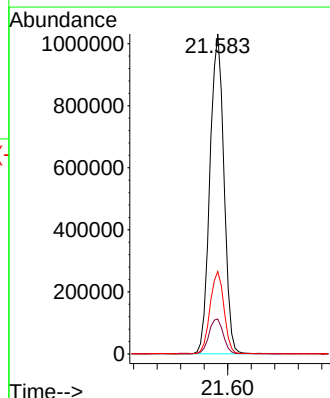
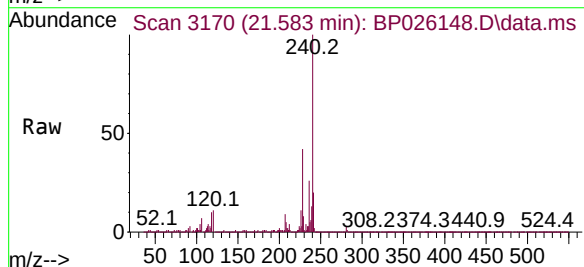
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

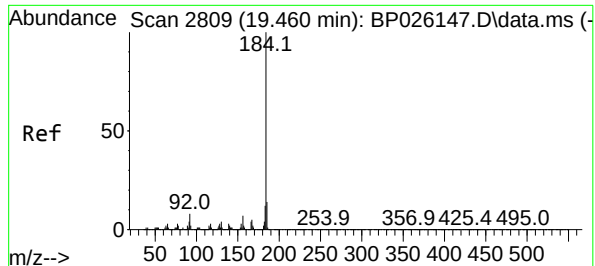
Tgt Ion:202 Resp: 5367252
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:240 Resp: 1705823
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.7 20.4 30.6

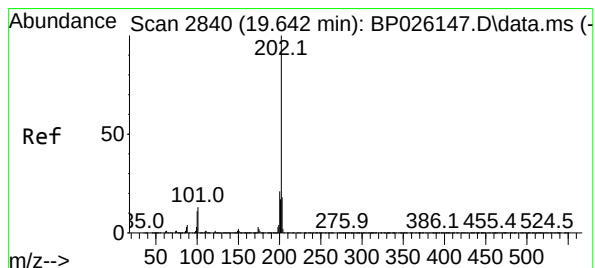
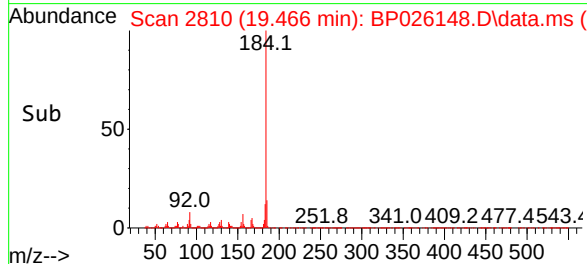
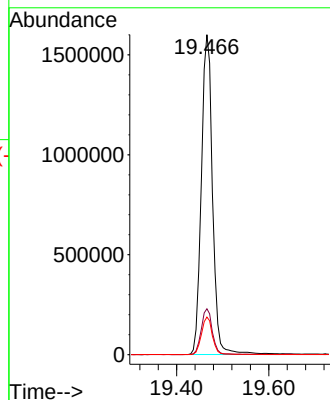
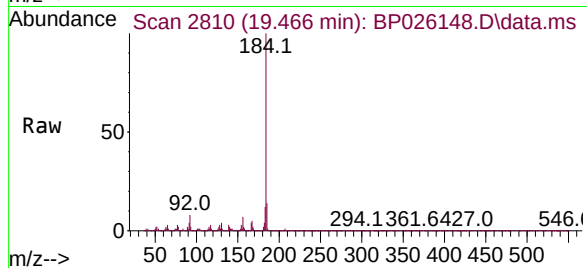




#77
Benzidine
Concen: 60.082 ng
RT: 19.466 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

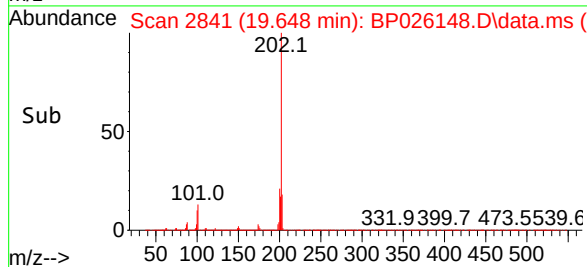
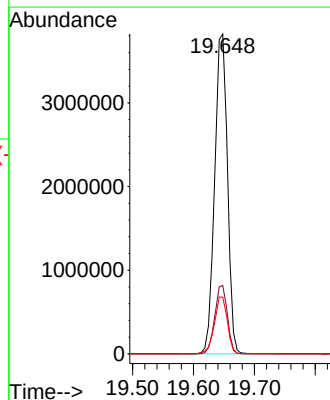
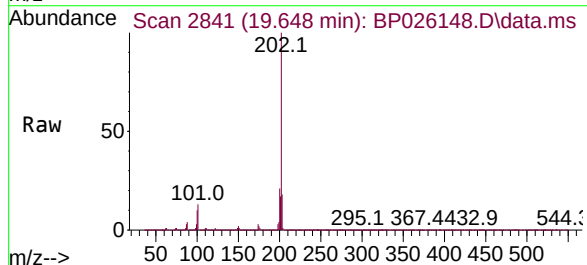
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

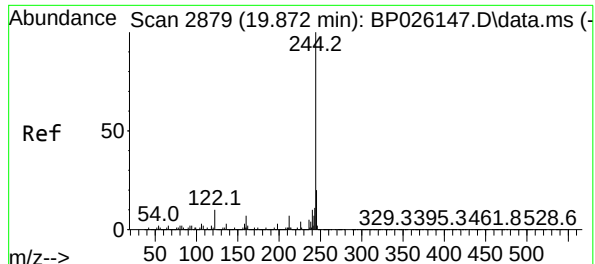
Tgt Ion:184 Resp: 2691261
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.7 9.0 13.6



#78
Pyrene
Concen: 49.020 ng
RT: 19.648 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:202 Resp: 5584319
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.7 13.8 20.8

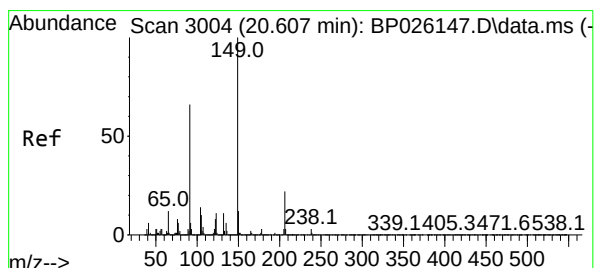
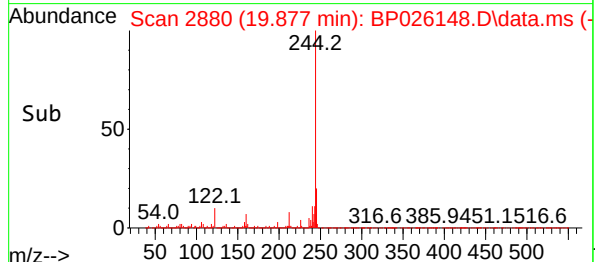
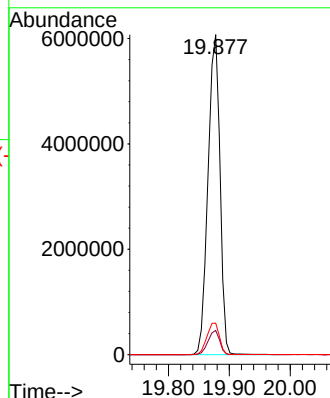
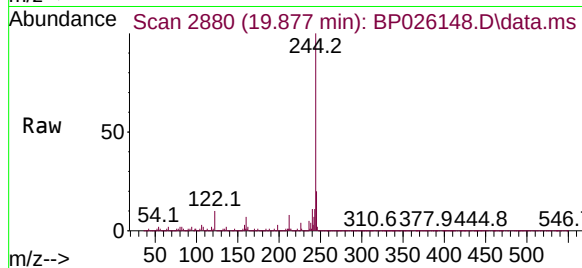




#79
Terphenyl-d14
Concen: 98.986 ng
RT: 19.877 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

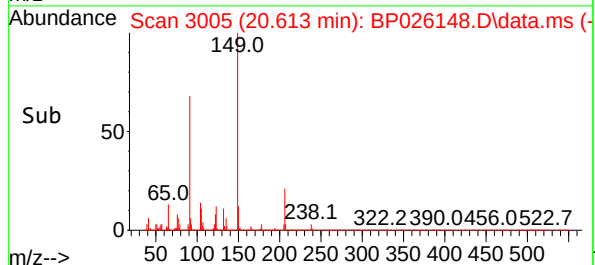
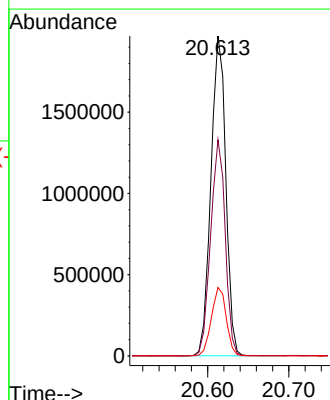
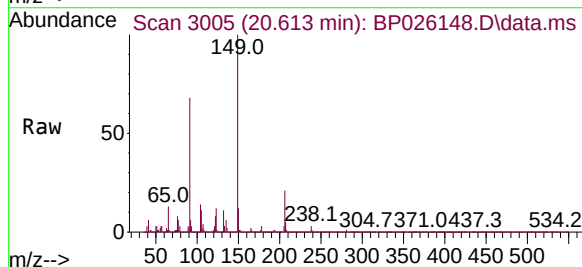
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

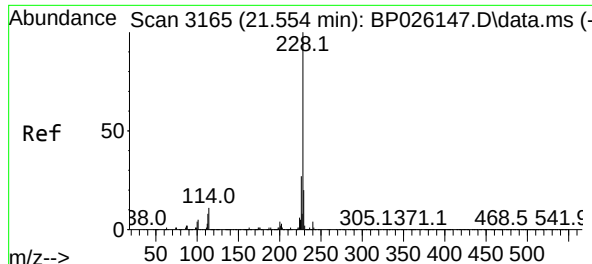
Tgt Ion:244 Resp: 8280260
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 9.8 8.2 12.2



#80
Butylbenzylphthalate
Concen: 65.680 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:149 Resp: 2508473
Ion Ratio Lower Upper
149 100
91 67.5 52.6 79.0
206 21.4 16.9 25.3

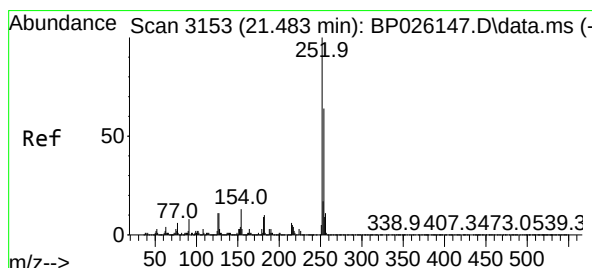
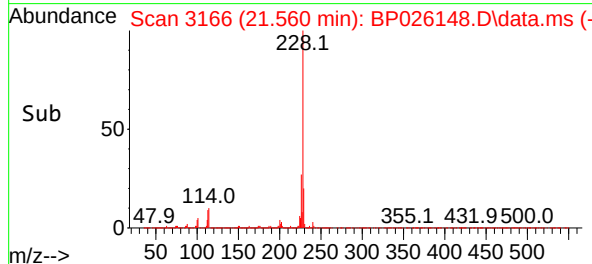
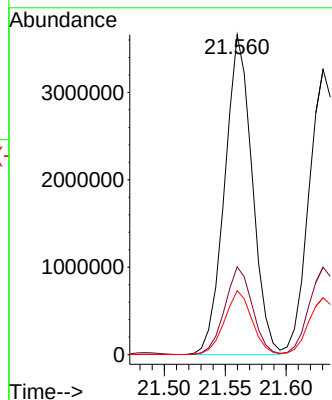
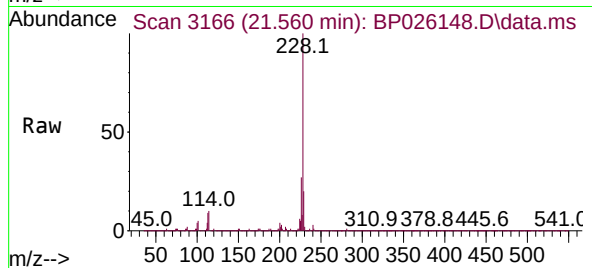




#81
Benzo(a)anthracene
Concen: 49.402 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

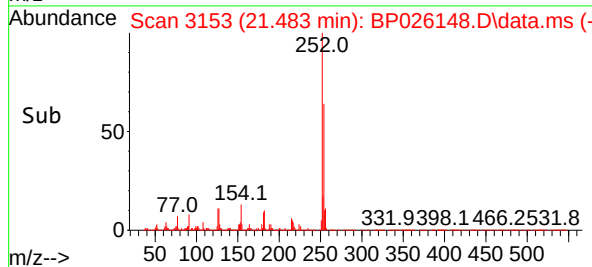
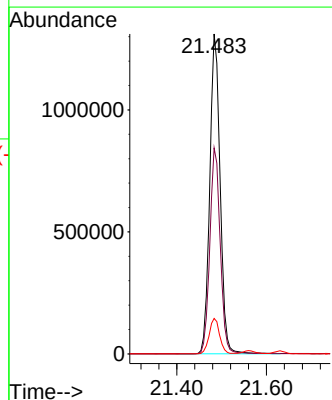
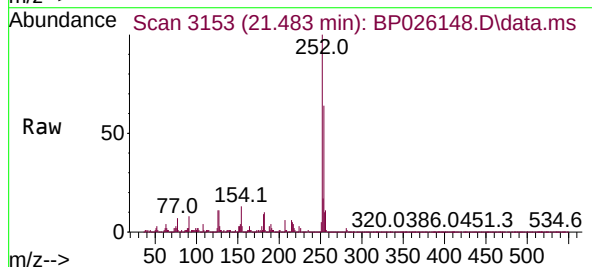
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

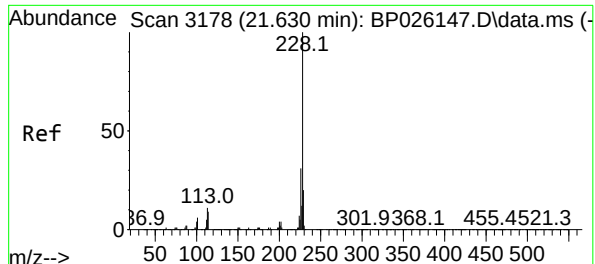
Tgt Ion:228 Resp: 5754455
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 54.722 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:252 Resp: 2099346
Ion Ratio Lower Upper
252 100
254 64.4 51.2 76.8
126 11.1 8.2 12.4





#83

Chrysene

Concen: 48.904 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

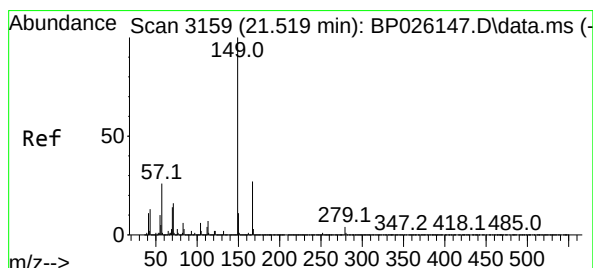
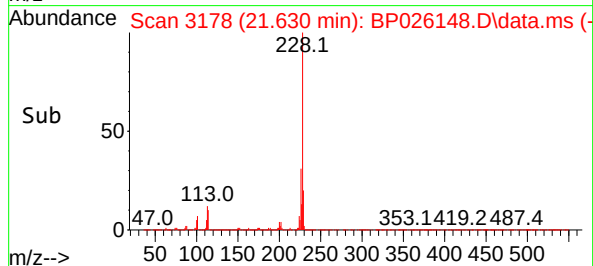
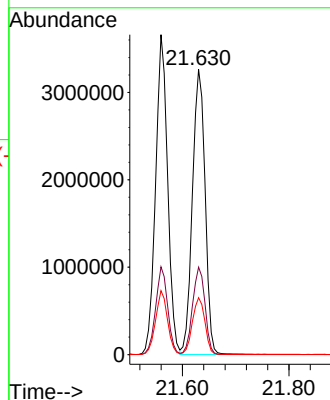
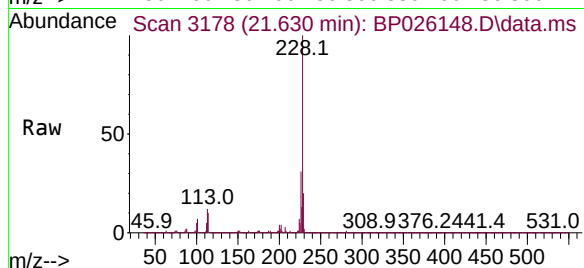
Tgt Ion:228 Resp: 5399638

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.805 ng

RT: 21.524 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

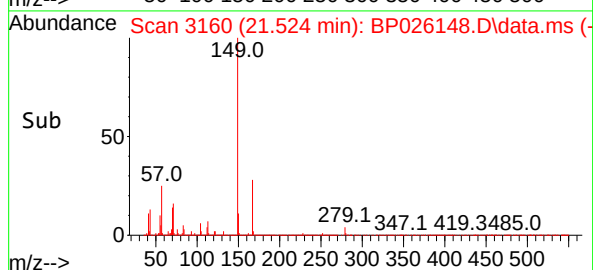
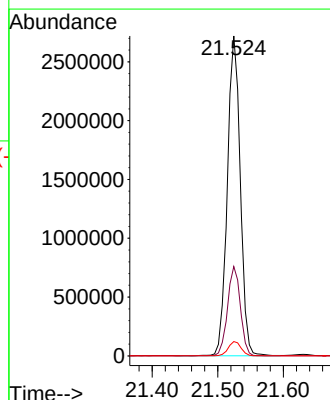
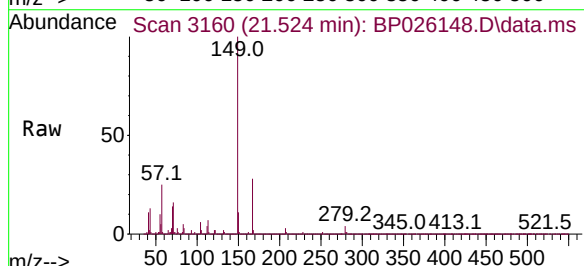
Tgt Ion:149 Resp: 3735211

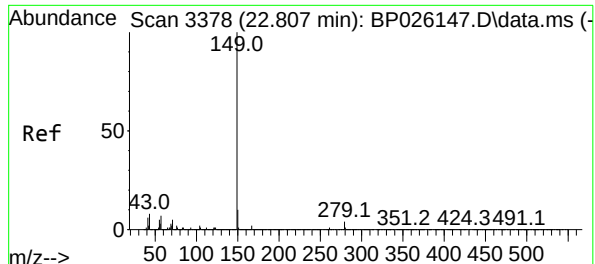
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 4.5 3.3 4.9

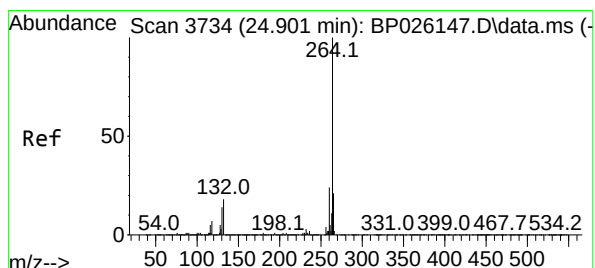
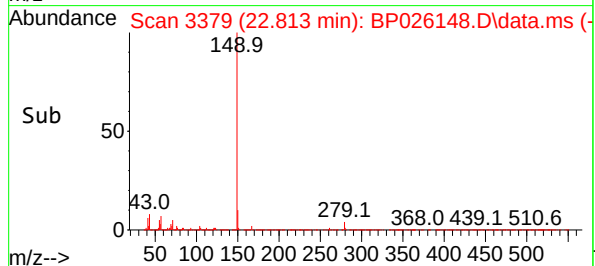
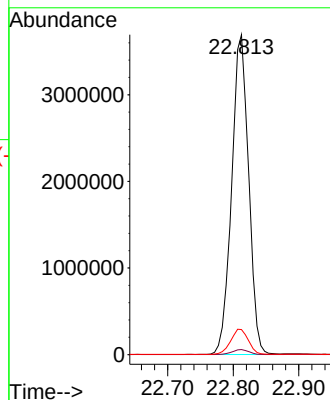
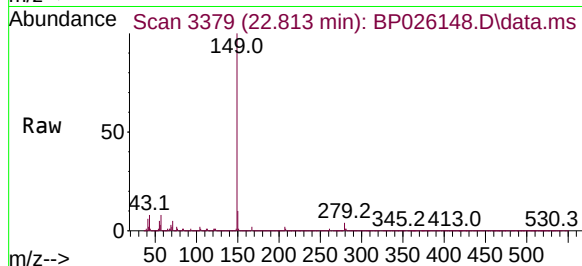




#85
Di-n-octyl phthalate
Concen: 62.248 ng
RT: 22.813 min Scan# 3378
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

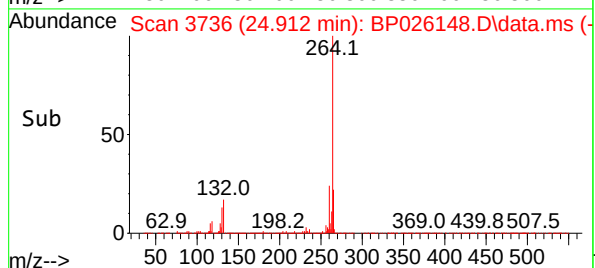
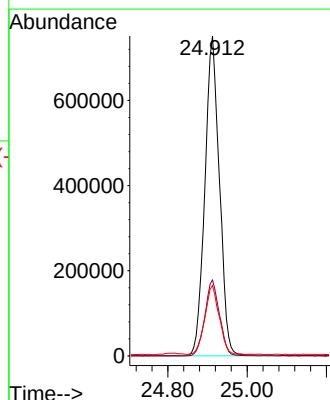
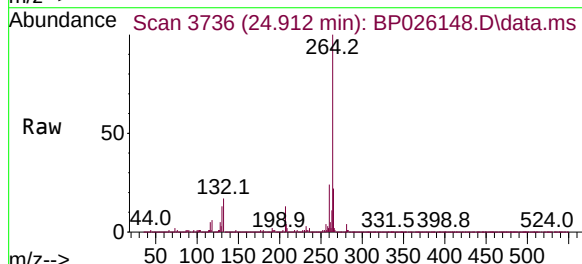
Instrument :
BNA_P
ClientSampleId :
SSTDICC050

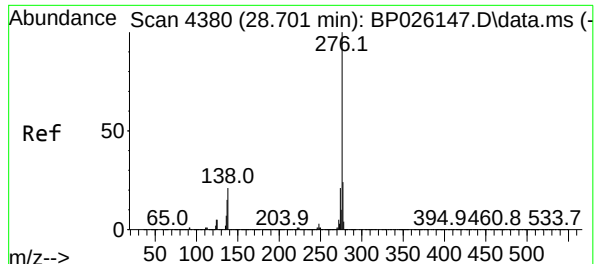
Tgt Ion:149 Resp: 6624425
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.1 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.006 min
Lab File: BP026148.D
Acq: 18 Nov 2025 18:38

Tgt Ion:264 Resp: 1916962
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.540 ng

RT: 28.706 min Scan# 4380

Delta R.T. 0.000 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

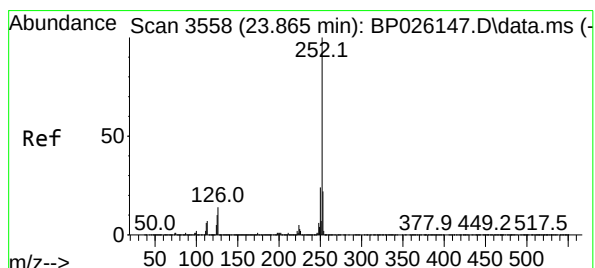
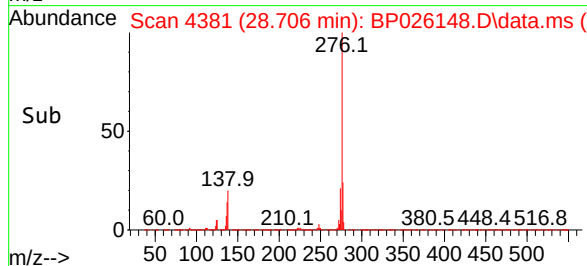
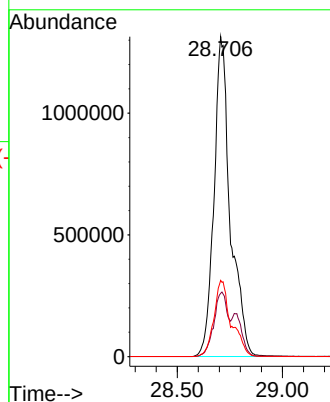
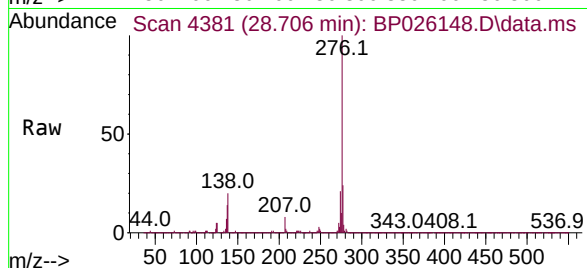
Tgt Ion:276 Resp: 7108078

Ion Ratio Lower Upper

276 100

138 17.3 13.8 20.8

277 25.3 16.7 25.1#



#88

Benzo(b)fluoranthene

Concen: 49.795 ng

RT: 23.871 min Scan# 3559

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

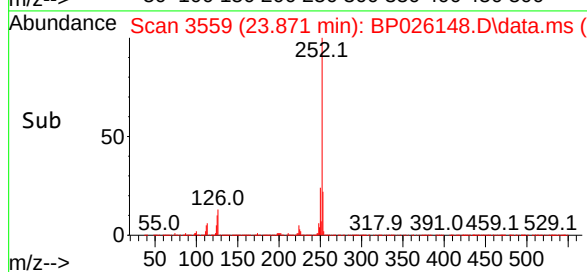
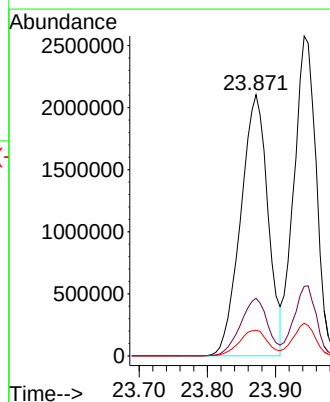
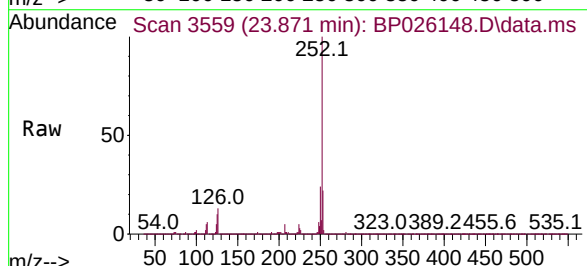
Tgt Ion:252 Resp: 5855690

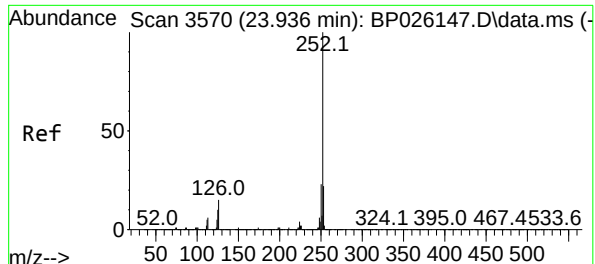
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.8 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 48.345 ng

RT: 23.942 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

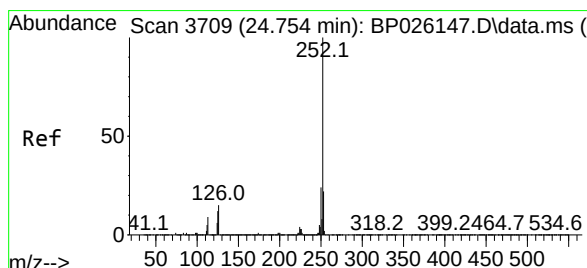
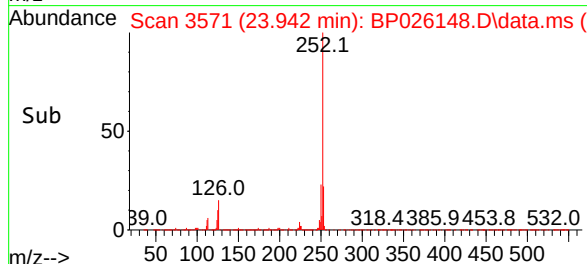
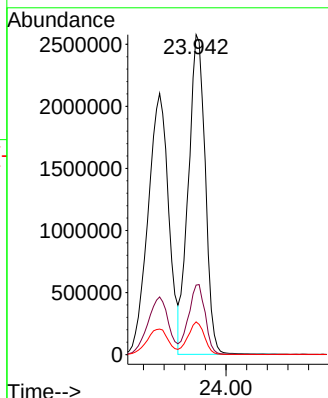
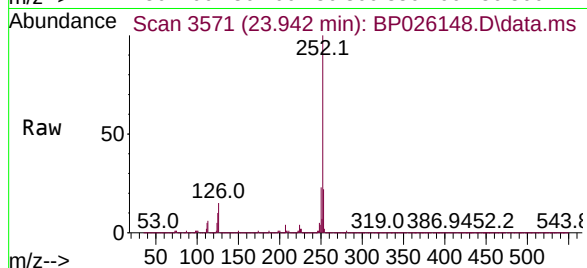
Tgt Ion:252 Resp: 5812408

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 10.2 7.5 11.3



#90

Benzo(a)pyrene

Concen: 50.567 ng

RT: 24.771 min Scan# 3712

Delta R.T. 0.018 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

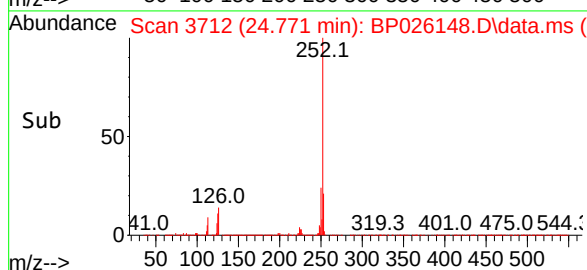
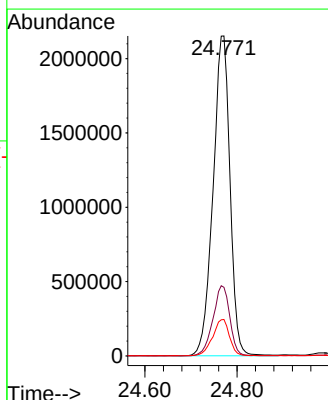
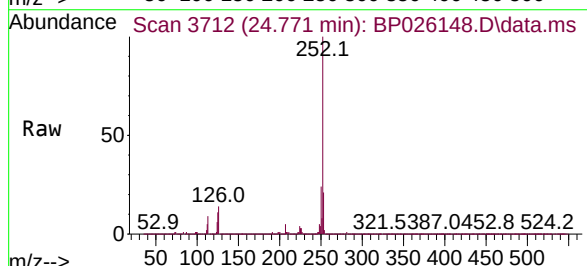
Tgt Ion:252 Resp: 5498511

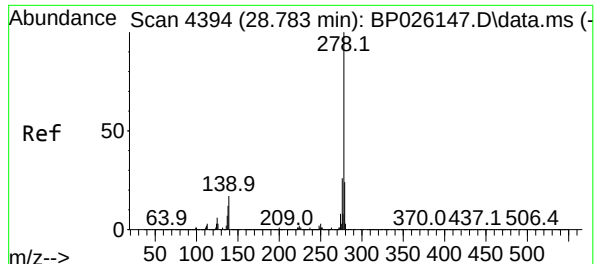
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 11.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 50.535 ng

RT: 28.777 min Scan# 4394

Delta R.T. -0.018 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Instrument :

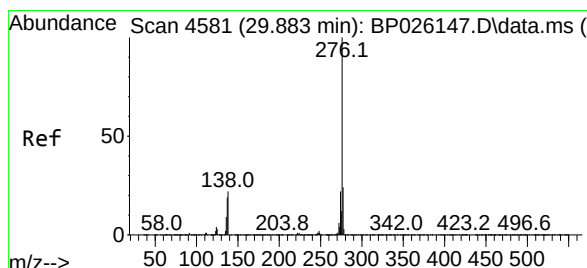
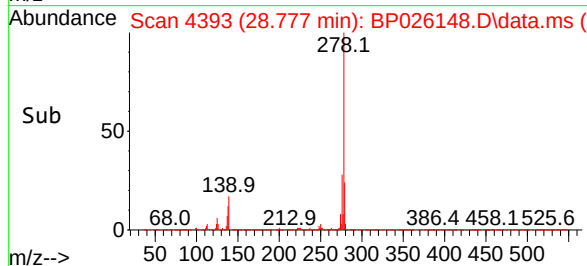
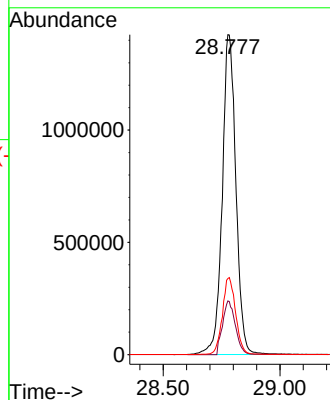
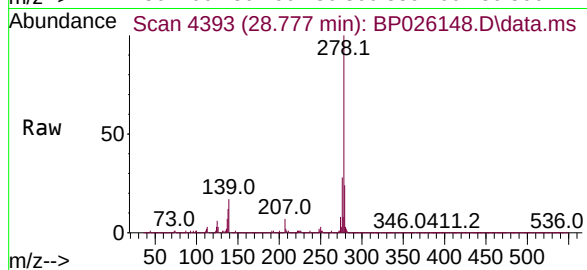
BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 5794869

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.2	19.8
279	23.8	19.2	28.8



#92

Benzo(g,h,i)perylene

Concen: 51.276 ng

RT: 29.865 min Scan# 4578

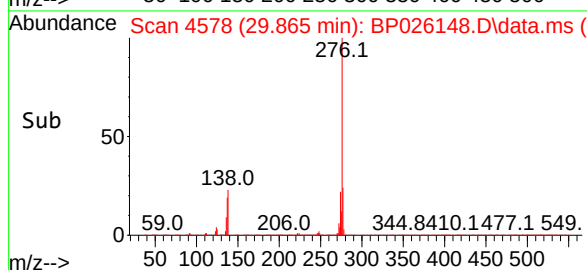
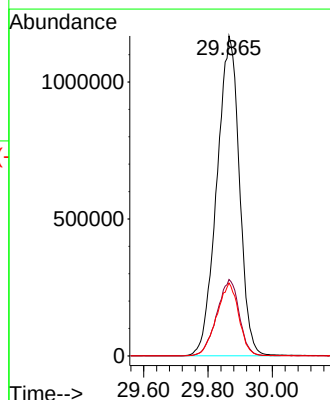
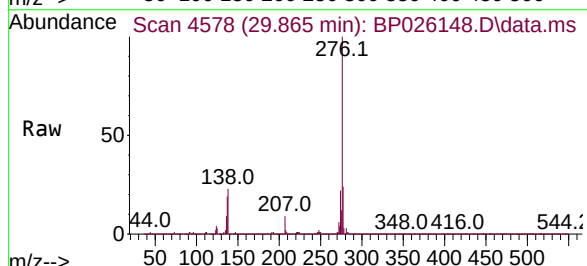
Delta R.T. -0.018 min

Lab File: BP026148.D

Acq: 18 Nov 2025 18:38

Tgt Ion:276 Resp: 5679489

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.8	17.8	26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026149.D
 Acq On : 18 Nov 2025 20:00
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:06:38 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	314197	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1293043	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	796804	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	1609780	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1696557	20.000	ng	0.01
86) Perylene-d12	24.924	264	2032089	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	2372047	121.142	ng	0.00
7) Phenol-d6	6.855	99	3028199	121.372	ng	0.00
23) Nitrobenzene-d5	8.813	82	2754539	120.813	ng	0.00
42) 2,4,6-Tribromophenol	15.837	330	1244554	120.534	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	6333636	115.965	ng	0.00
79) Terphenyl-d14	19.872	244	9339644	112.262	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	476245	59.785	ng	99
3) Pyridine	3.614	79	1382108	60.186	ng	99
4) n-Nitrosodimethylamine	3.520	42	517563	60.473	ng	95
6) Aniline	7.008	93	2004653	60.994	ng	99
8) 2-Chlorophenol	7.243	128	1356198	60.900	ng	99
9) Benzaldehyde	6.819	77	765301	71.224	ng	99
10) Phenol	6.878	94	1642143	61.164	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	1261123	60.197	ng	99
12) 1,3-Dichlorobenzene	7.561	146	1430521	59.655	ng	100
13) 1,4-Dichlorobenzene	7.708	146	1443827	59.788	ng	100
14) 1,2-Dichlorobenzene	8.019	146	1385870	59.657	ng	99
15) Benzyl Alcohol	7.908	79	1096741	60.077	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1745357	58.925	ng	99
17) 2-Methylphenol	8.108	107	1112503	60.841	ng	99
18) Hexachloroethane	8.743	117	525228	59.675	ng	97
19) n-Nitroso-di-n-propyla...	8.472	70	919437	59.177	ng	99
20) 3+4-Methylphenols	8.437	107	1508814	59.338	ng	100
22) Acetophenone	8.484	105	1966749	59.787	ng	# 99
24) Nitrobenzene	8.855	77	1394959	60.453	ng	100
25) Isophorone	9.384	82	2661277	58.787	ng	99
26) 2-Nitrophenol	9.555	139	744625	64.005	ng	99
27) 2,4-Dimethylphenol	9.625	122	1267624	60.144	ng	99
28) bis(2-Chloroethoxy)met...	9.855	93	1650883	58.243	ng	99
29) 2,4-Dichlorophenol	10.090	162	1279059	60.911	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	1271878	59.435	ng	99
31) Naphthalene	10.496	128	4106445	58.487	ng	99
32) Benzoic acid	9.802	122	1274317	75.148	ng	98
33) 4-Chloroaniline	10.596	127	1774806	59.551	ng	99
34) Hexachlorobutadiene	10.784	225	820866	58.957	ng	99
35) Caprolactam	11.390	113	442308	58.493	ng	99
36) 4-Chloro-3-methylphenol	11.731	107	1333194	59.672	ng	99
37) 2-Methylnaphthalene	12.107	142	2892574	58.205	ng	100
38) 1-Methylnaphthalene	12.331	142	2826038	58.118	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	1458024	60.722	ng	100
41) Hexachlorocyclopentadiene	12.466	237	999826	63.796	ng	100
43) 2,4,6-Trichlorophenol	12.719	196	1019369	61.691	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026149.D
 Acq On : 18 Nov 2025 20:00
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:47 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:06:38 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.796	196	1129527	61.302	ng	99
46) 1,1'-Biphenyl	13.131	154	3595006	60.111	ng	100
47) 2-Chloronaphthalene	13.172	162	2855986	60.741	ng	100
48) 2-Nitroaniline	13.372	65	833079	63.445	ng	97
49) Acenaphthylene	14.031	152	4662622	59.935	ng	100
50) Dimethylphthalate	13.766	163	3514882	59.198	ng	100
51) 2,6-Dinitrotoluene	13.884	165	748865	63.777	ng	98
52) Acenaphthene	14.384	154	2756036	60.573	ng	100
53) 3-Nitroaniline	14.219	138	878733	63.349	ng	99
54) 2,4-Dinitrophenol	14.419	184	462858	65.711	ng	97
55) Dibenzofuran	14.725	168	4154597	58.432	ng	99
56) 4-Nitrophenol	14.543	139	775308	61.570	ng	99
57) 2,4-Dinitrotoluene	14.684	165	1112352	63.016	ng	99
58) Fluorene	15.390	166	3230615	57.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.960	232	945836	60.606	ng	100
60) Diethylphthalate	15.166	149	3494483	58.065	ng	99
61) 4-Chlorophenyl-phenyle...	15.390	204	1609638	57.693	ng	98
62) 4-Nitroaniline	15.407	138	898849	61.908	ng	99
63) Azobenzene	15.690	77	2992722	59.189	ng	99
65) 4,6-Dinitro-2-methylph...	15.466	198	645829	63.752	ng	97
66) n-Nitrosodiphenylamine	15.607	169	2939838	59.025	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	1064991	59.865	ng	98
68) Hexachlorobenzene	16.419	284	1225655	59.631	ng	98
69) Atrazine	16.589	200	1106977	59.021	ng	99
70) Pentachlorophenol	16.766	266	870320	60.353	ng	99
71) Phenanthrene	17.172	178	5259509	57.751	ng	100
72) Anthracene	17.266	178	5478029	58.894	ng	99
73) Carbazole	17.548	167	5069471	57.610	ng	99
74) Di-n-butylphthalate	18.154	149	5907343	56.562	ng	100
75) Fluoranthene	19.266	202	6367611	57.206	ng	100
77) Benzidine	19.466	184	3022349	57.876	ng	100
78) Pyrene	19.642	202	6627085	59.952	ng	99
80) Butylbenzylphthalate	20.607	149	2824354	57.369	ng	99
81) Benzo(a)anthracene	21.566	228	6873070	59.071	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	2496806	59.050	ng	99
83) Chrysene	21.630	228	6511651	59.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.525	149	4143037	56.063	ng	99
85) Di-n-octyl phthalate	22.813	149	7466824	57.415	ng	99
87) Indeno(1,2,3-cd)pyrene	28.724	276	9332480m	61.647	ng	
88) Benzo(b)fluoranthene	23.877	252	7316006	59.218	ng	99
89) Benzo(k)fluoranthene	23.954	252	7264550	58.835	ng	99
90) Benzo(a)pyrene	24.765	252	6987741	59.626	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	7590692	61.180	ng	99
92) Benzo(g,h,i)perylene	29.883	276	7581255	61.561	ng	99

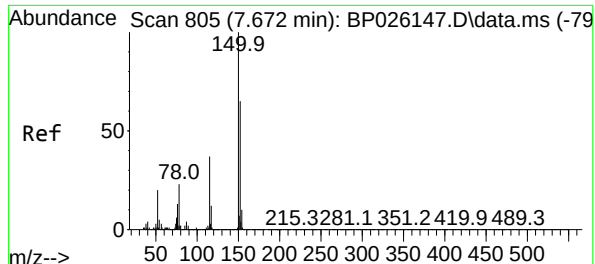
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

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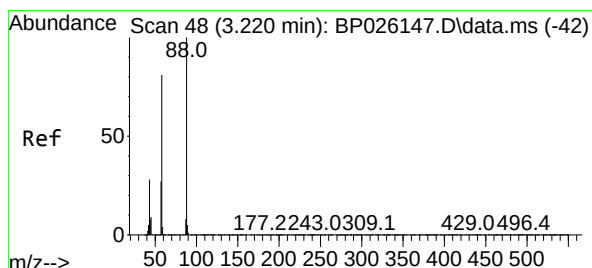
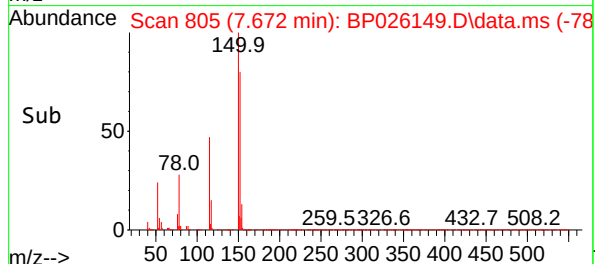
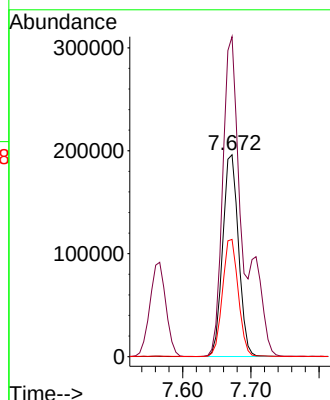
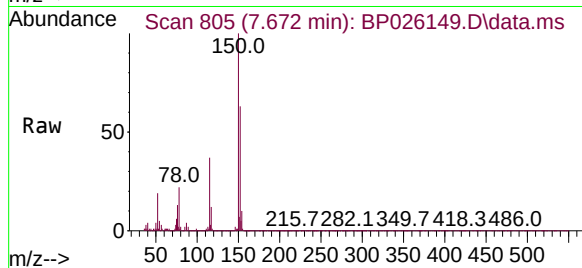
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 152 Resp: 314197
Ion Ratio Lower Upper
152 100
150 158.6 123.0 184.6
115 58.1 46.3 69.5

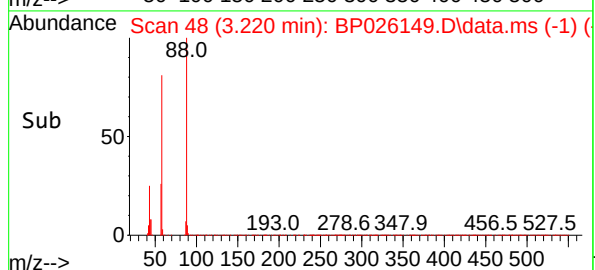
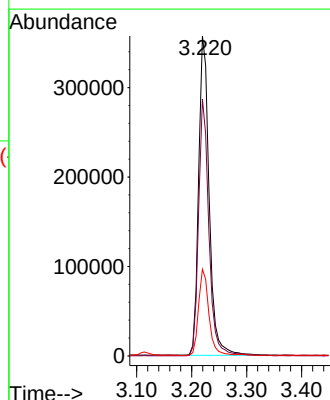
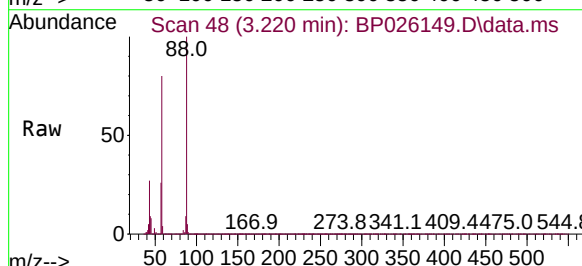
Manual Integrations
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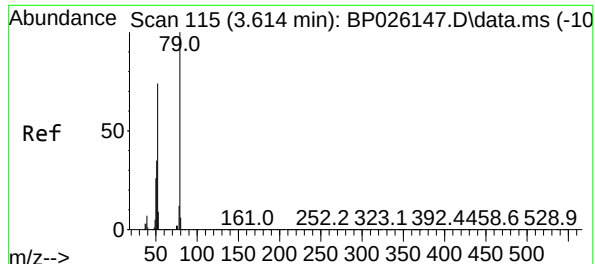
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 59.785 ng
RT: 3.220 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

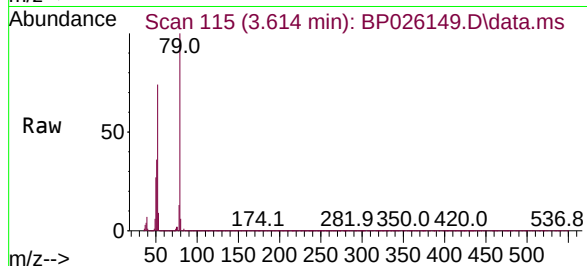
Tgt Ion: 88 Resp: 476245
Ion Ratio Lower Upper
88 100
58 79.0 64.2 96.4
43 26.7 21.5 32.3





#3
Pyridine
Concen: 60.186 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

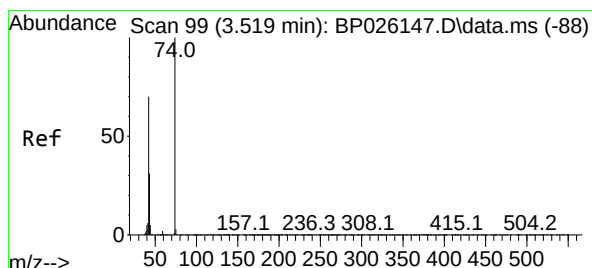
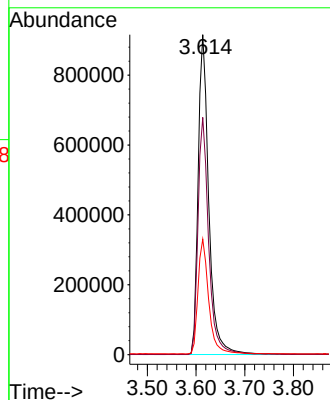
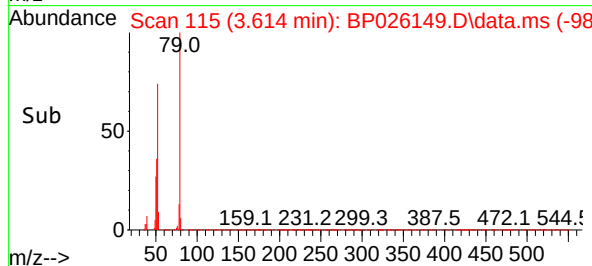
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



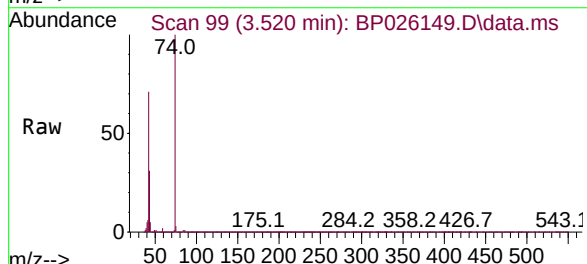
Tgt Ion: 79 Resp: 1382108
Ion Ratio Lower Upper
79 100
52 74.1 60.2 90.2
51 36.1 29.5 44.3

Manual Integrations
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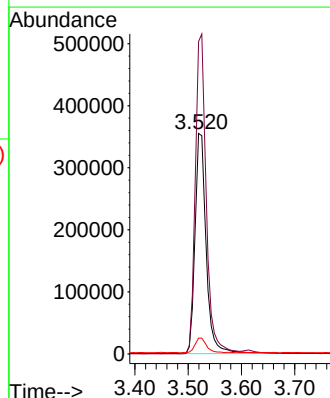
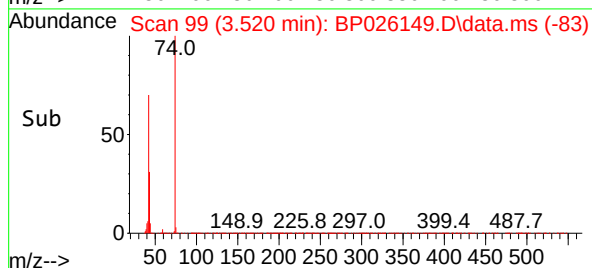
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

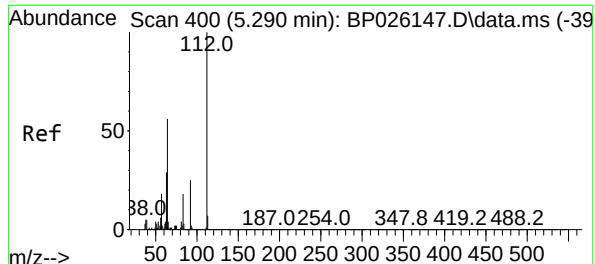


#4
n-Nitrosodimethylamine
Concen: 60.473 ng
RT: 3.520 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00



Tgt Ion: 42 Resp: 517563
Ion Ratio Lower Upper
42 100
74 141.8 118.1 177.1
44 7.2 6.2 9.4





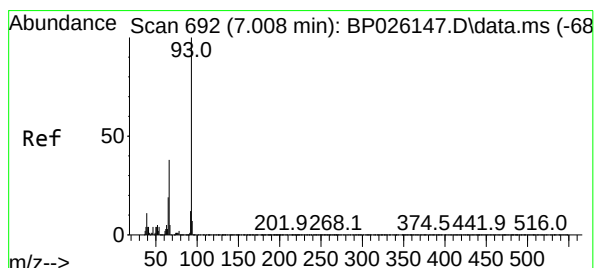
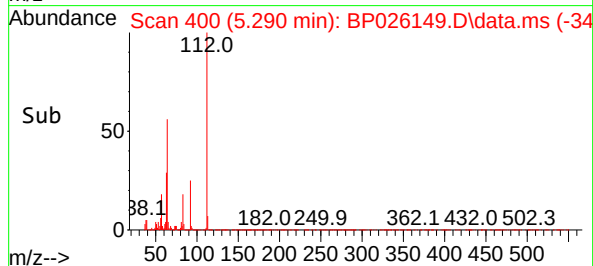
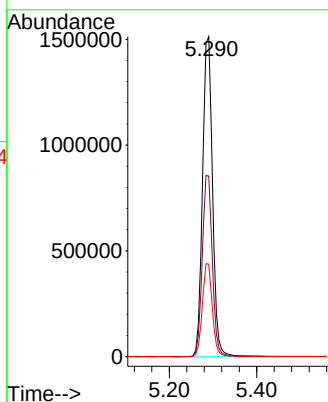
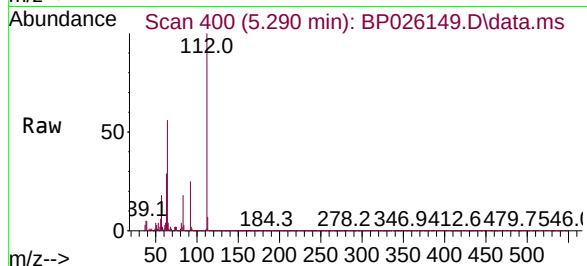
#5
2-Fluorophenol
Concen: 121.142 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 112 Resp: 237204
Ion Ratio Lower Upper
112 100
64 56.4 45.8 68.6
63 28.9 23.5 35.3

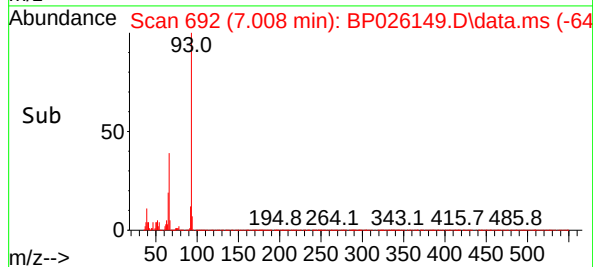
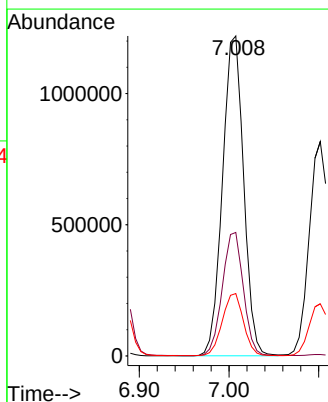
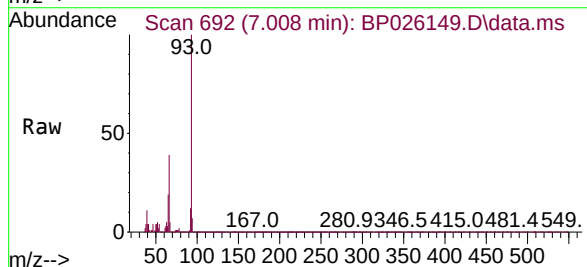
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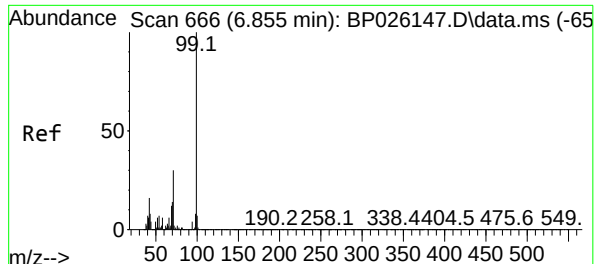
Reviewed By :Jagrut Upadhyay 11/19/2025
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#6
Aniline
Concen: 60.994 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 93 Resp: 2004653
Ion Ratio Lower Upper
93 100
66 38.6 31.7 47.5
65 19.5 15.8 23.6





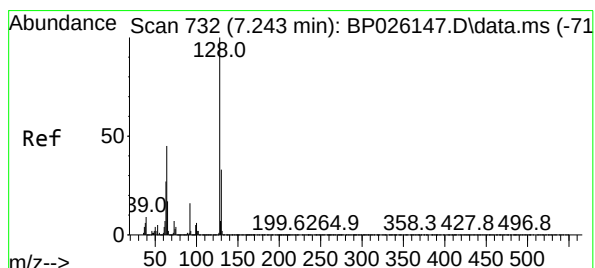
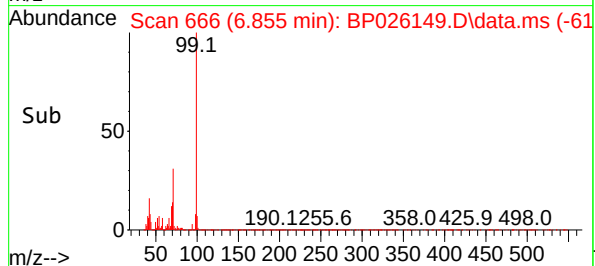
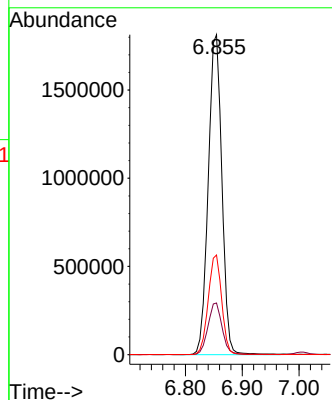
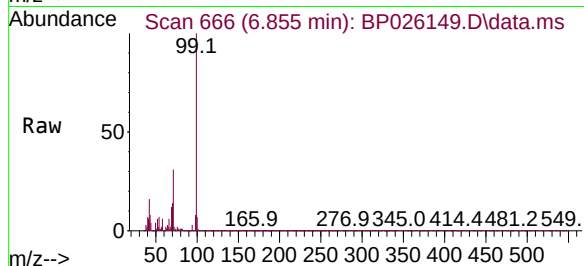
#7
Phenol-d6
Concen: 121.372 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 3028199
Ion Ratio Lower Upper
99 100
42 16.1 12.9 19.3
71 31.1 24.8 37.2

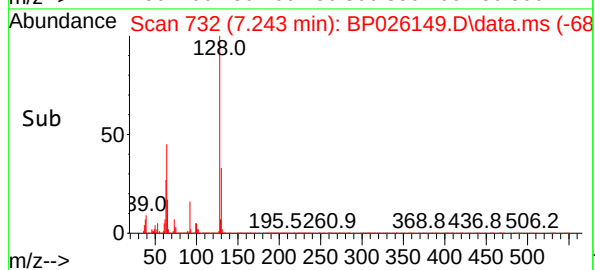
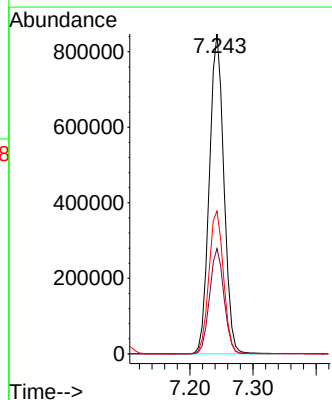
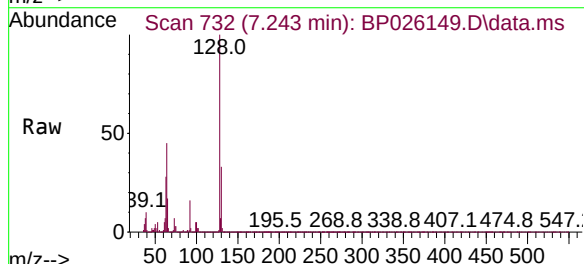
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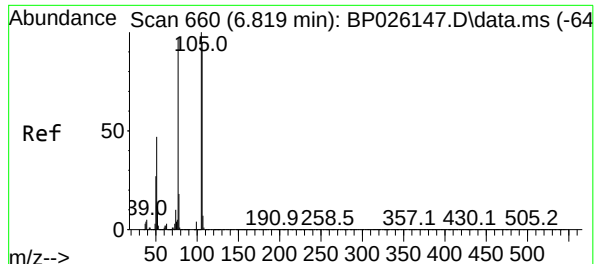
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#8
2-Chlorophenol
Concen: 60.900 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:128 Resp: 1356198
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 44.7 23.9 63.9





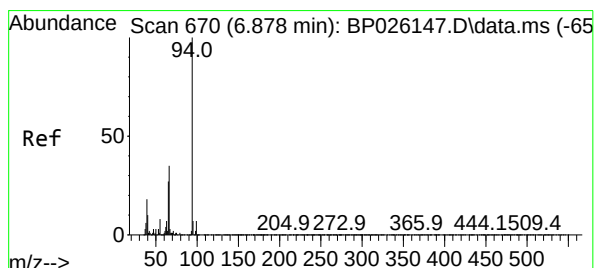
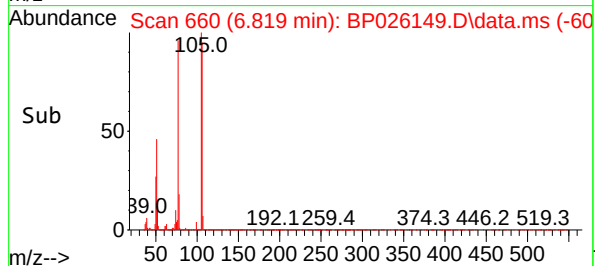
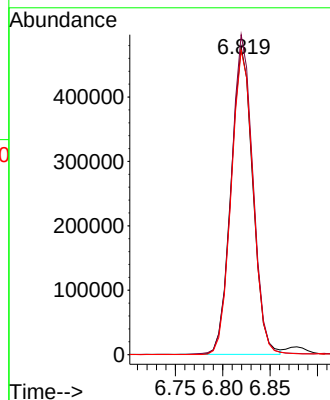
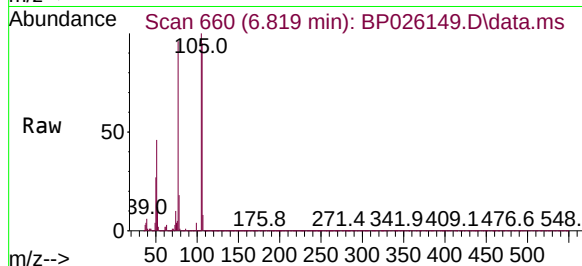
#9
Benzaldehyde
Concen: 71.224 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 76530
Ion Ratio Lower Upper
77 100
105 104.0 82.9 122.9
106 98.9 77.8 117.8

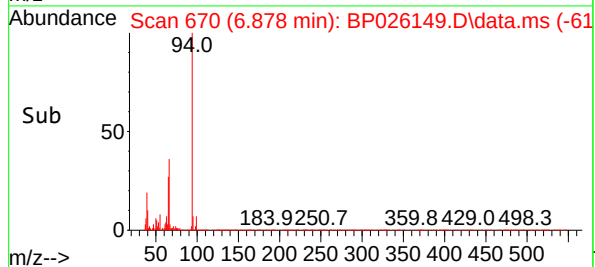
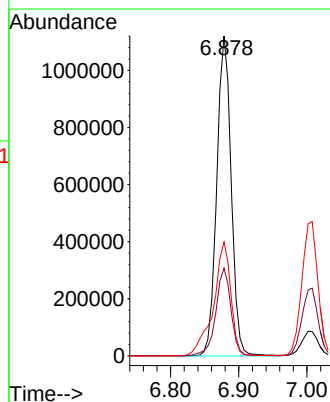
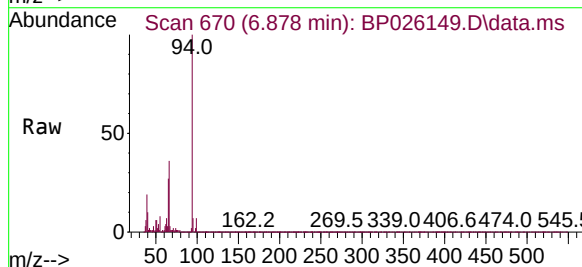
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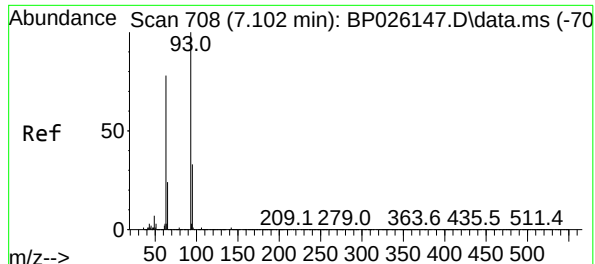
Reviewed By :Jagrut Upadhyay 11/19/2025
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#10
Phenol
Concen: 61.164 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 94 Resp: 1642143
Ion Ratio Lower Upper
94 100
65 27.4 7.0 47.0
66 35.6 14.5 54.5





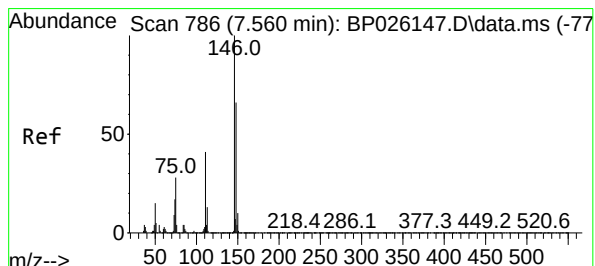
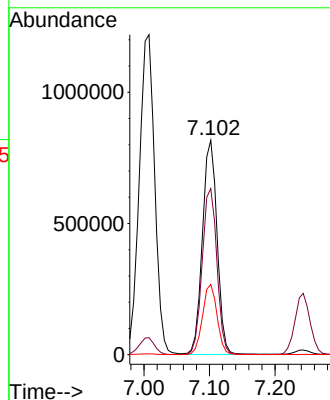
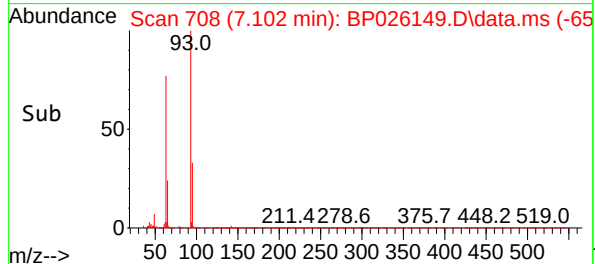
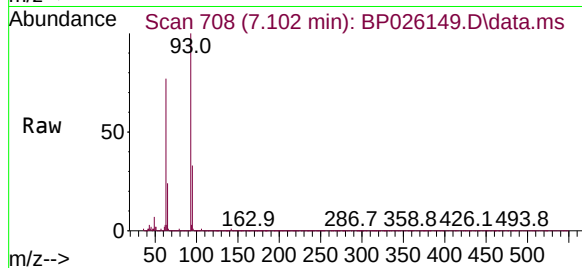
#11
bis(2-Chloroethyl)ether
Concen: 60.197 ng
RT: 7.102 min Scan# 708
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1261123
Ion Ratio Lower Upper
93 100
63 77.5 58.8 98.8
95 32.7 12.1 52.1

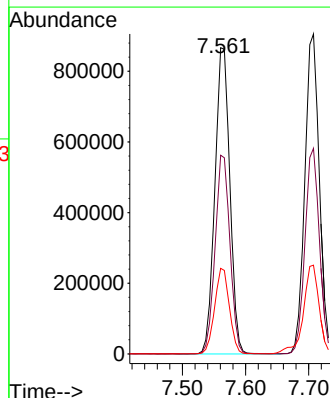
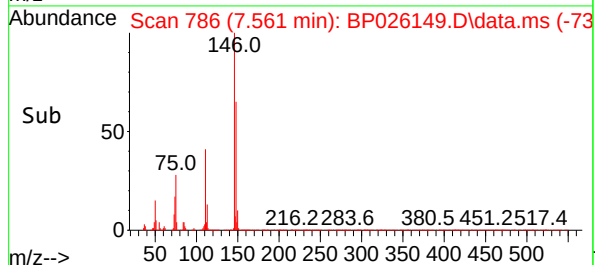
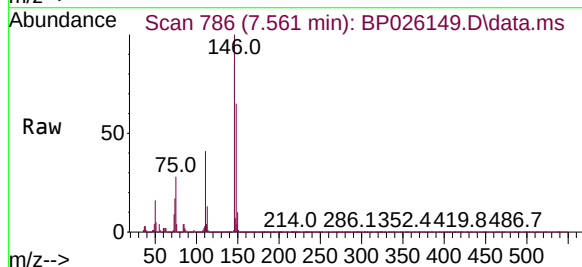
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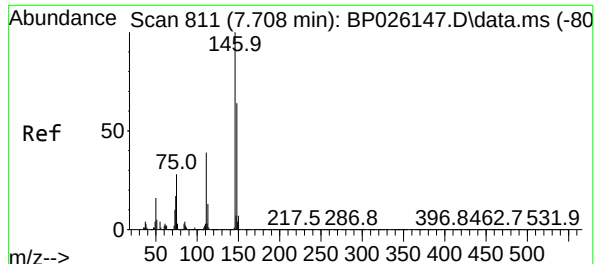
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#12
1,3-Dichlorobenzene
Concen: 59.655 ng
RT: 7.561 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:146 Resp: 1430521
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 28.0 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 59.788 ng

RT: 7.708 min Scan# 811

Delta R.T. 0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 144382

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

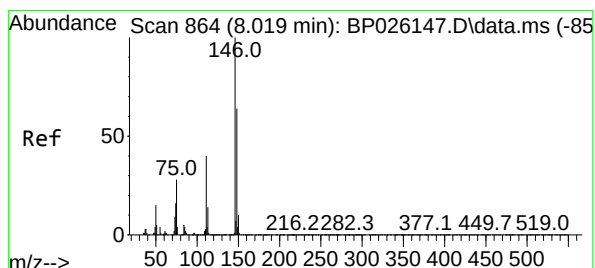
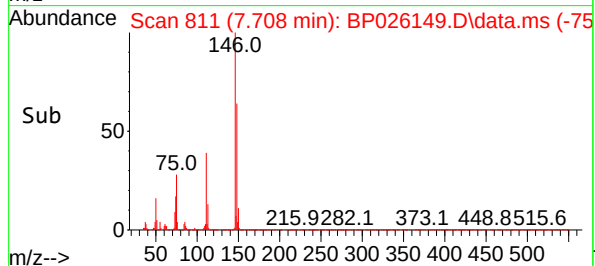
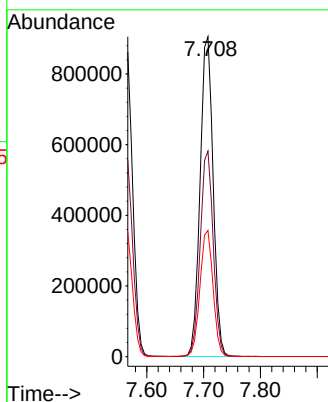
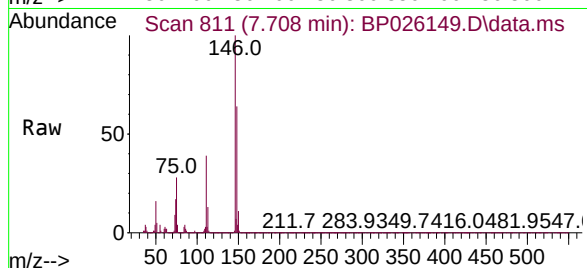
111 39.4 31.7 47.5

Manual Integrations

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Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 59.657 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

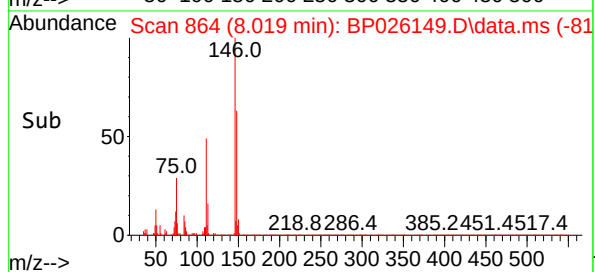
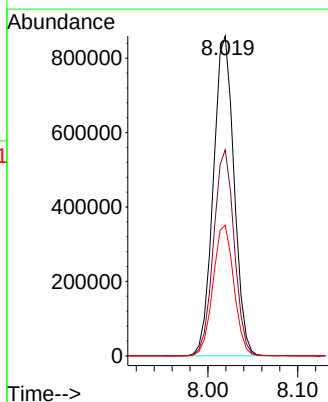
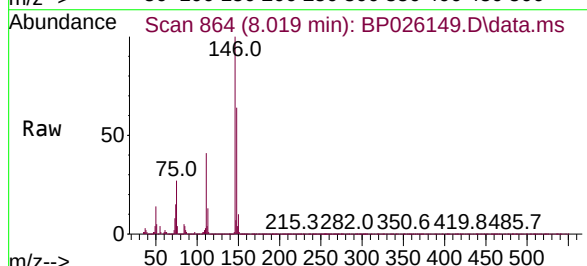
Tgt Ion:146 Resp: 1385870

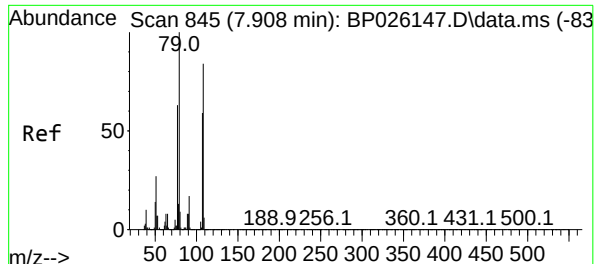
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 40.9 33.0 49.4





#15

Benzyl Alcohol

Concen: 60.077 ng

RT: 7.908 min Scan# 845

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 109674

Ion Ratio Lower Upper

79 100

108 82.6 66.2 99.4

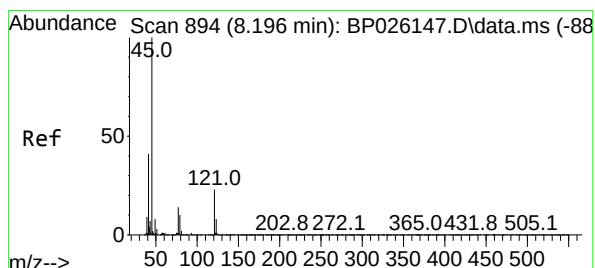
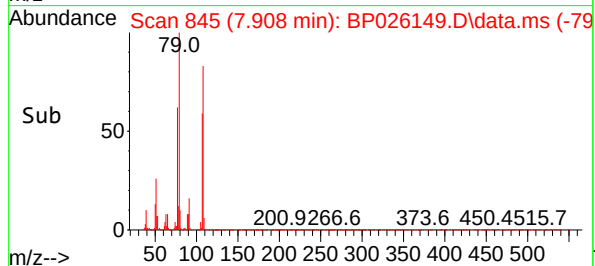
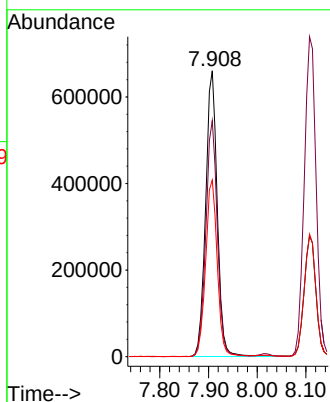
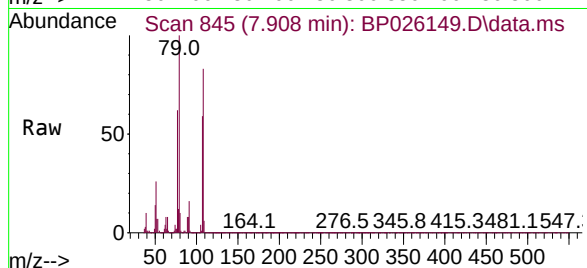
77 61.8 50.0 75.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 58.925 ng

RT: 8.196 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

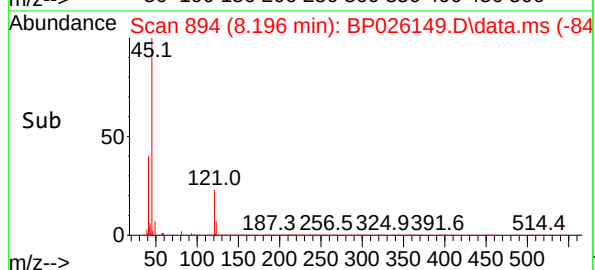
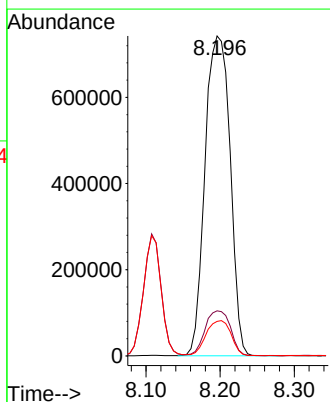
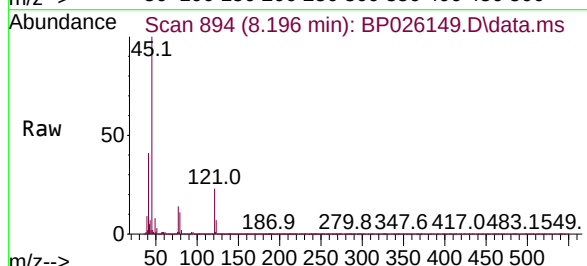
Tgt Ion: 45 Resp: 1745357

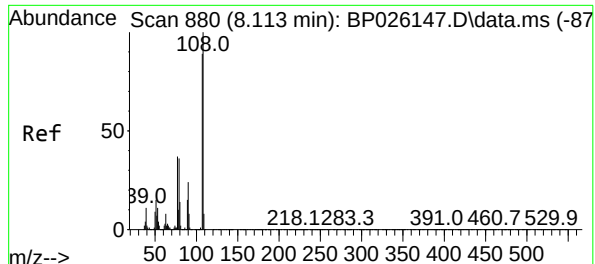
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.9

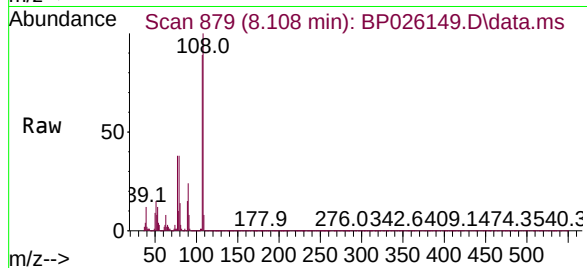
79 10.8 0.0 30.4





#17
2-Methylphenol
Concen: 60.841 ng
RT: 8.108 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

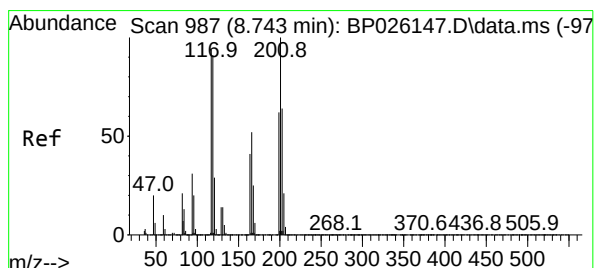
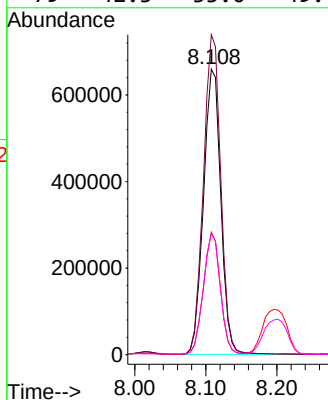
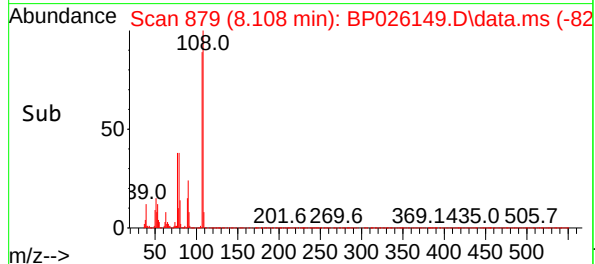
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



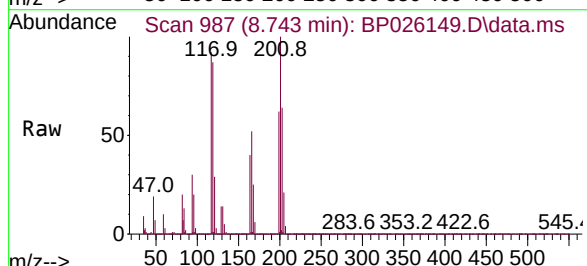
Tgt Ion:107 Resp: 1112503
Ion Ratio Lower Upper
107 100
108 112.1 89.7 134.5
77 42.9 33.9 50.9
79 42.3 33.0 49.4

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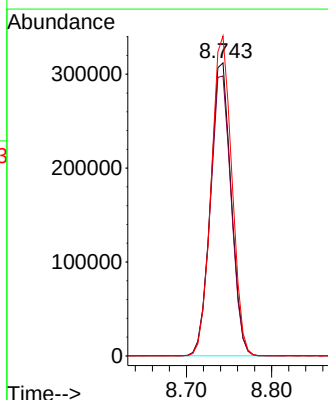
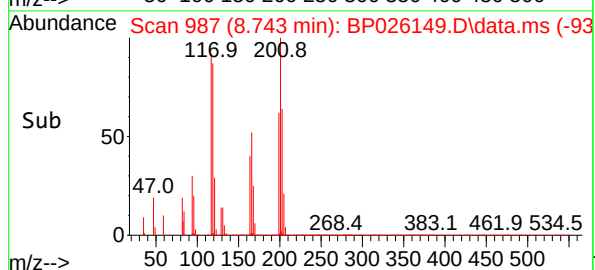
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

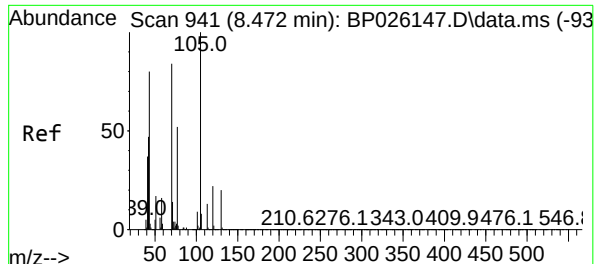


#18
Hexachloroethane
Concen: 59.675 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00



Tgt Ion:117 Resp: 525228
Ion Ratio Lower Upper
117 100
119 95.5 78.7 118.1
201 109.2 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 59.177 ng

RT: 8.472 min Scan# 941

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 91943

Ion Ratio Lower Upper

70 100

42 55.7 44.1 66.1

101 10.4 8.2 12.4

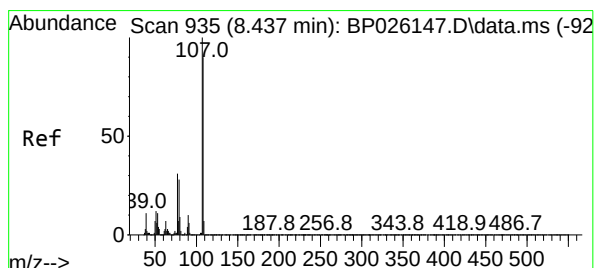
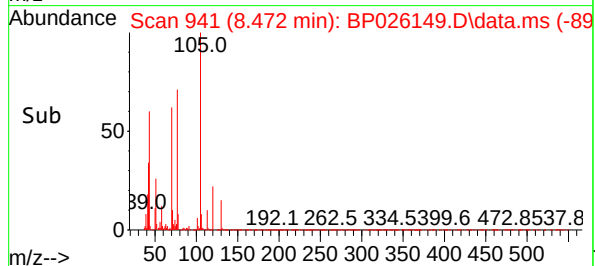
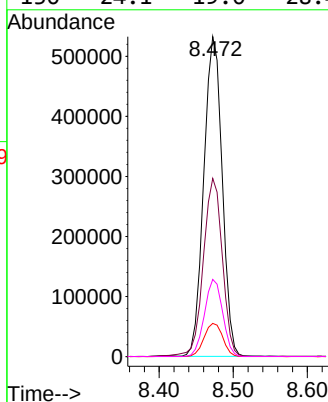
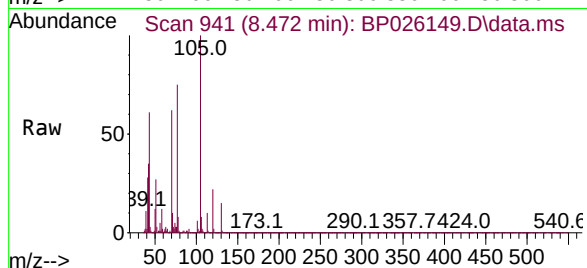
130 24.1 19.0 28.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 59.338 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Tgt Ion:107 Resp: 1508814

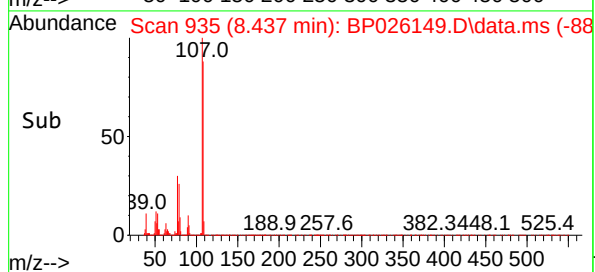
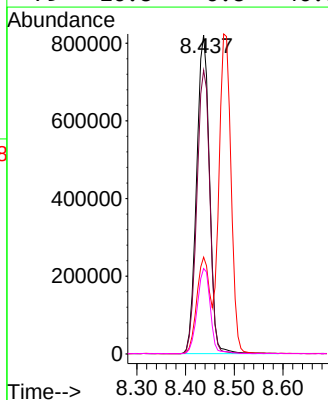
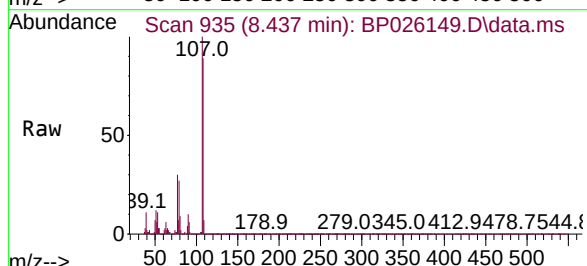
Ion Ratio Lower Upper

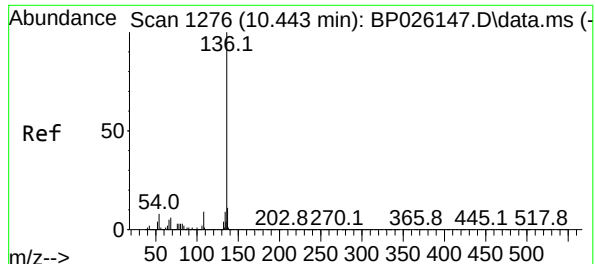
107 100

108 89.0 68.9 108.9

77 30.4 10.4 50.4

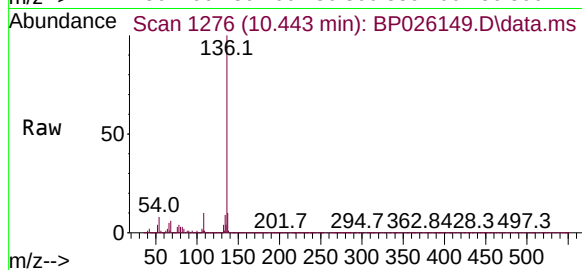
79 26.8 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

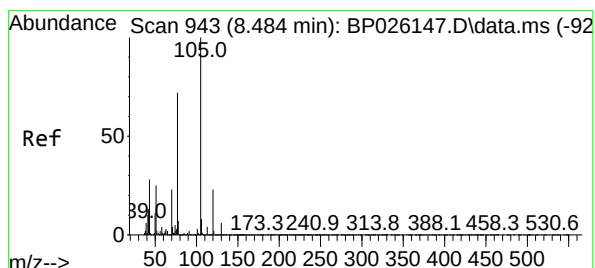
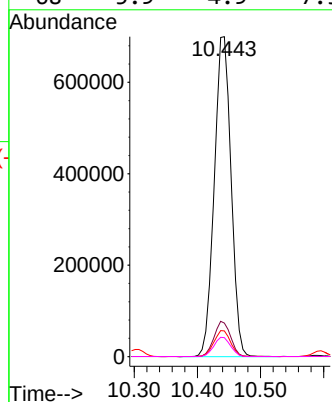
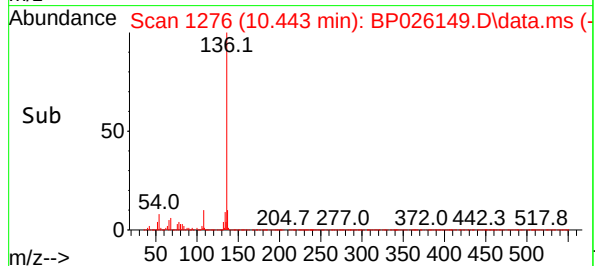
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:136 Resp: 1293043
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 8.0 6.4 9.6
68 5.9 4.9 7.3

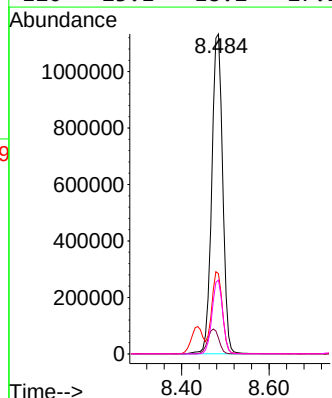
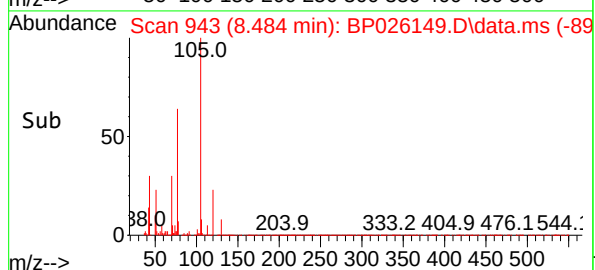
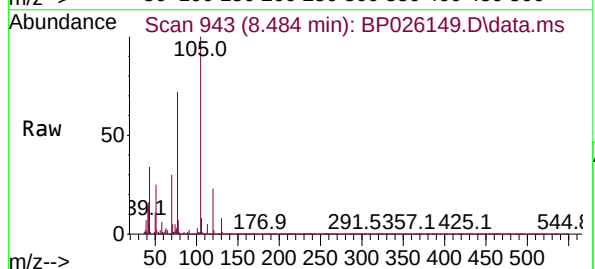
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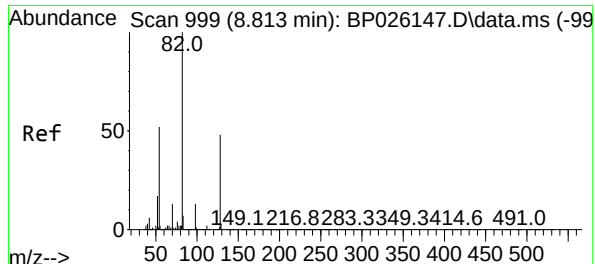
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 59.787 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:105 Resp: 1966749
Ion Ratio Lower Upper
105 100
71 5.0 3.0 4.4#
51 25.1 20.5 30.7
120 23.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 120.813 ng

RT: 8.813 min Scan# 999

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 2754539

Ion Ratio Lower Upper

82 100

128 47.8 37.4 56.0

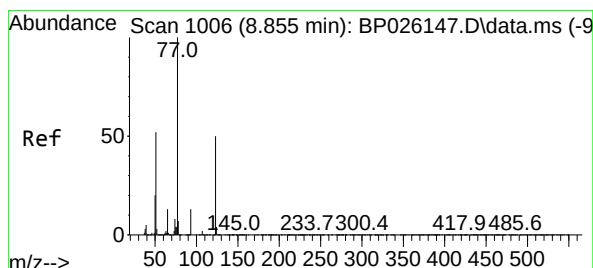
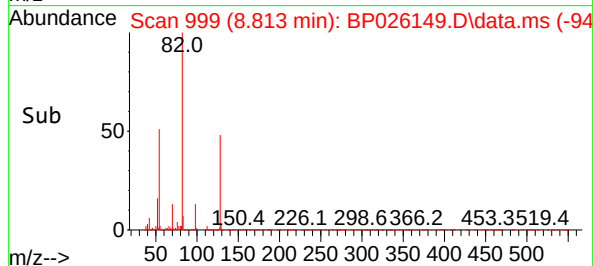
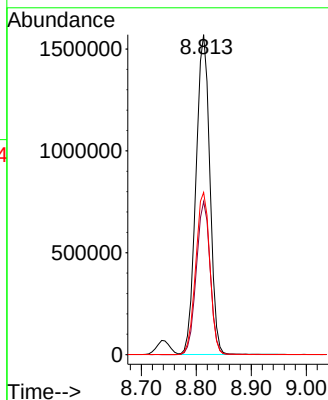
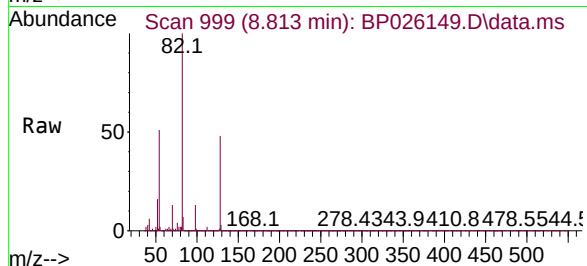
54 50.7 41.6 62.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 60.453 ng

RT: 8.855 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

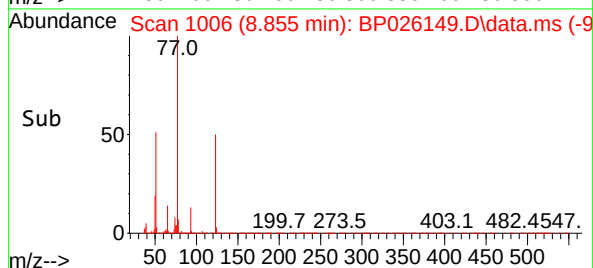
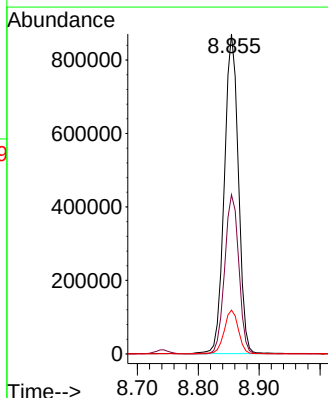
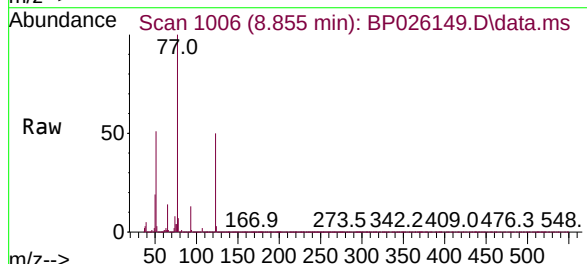
Tgt Ion: 77 Resp: 1394959

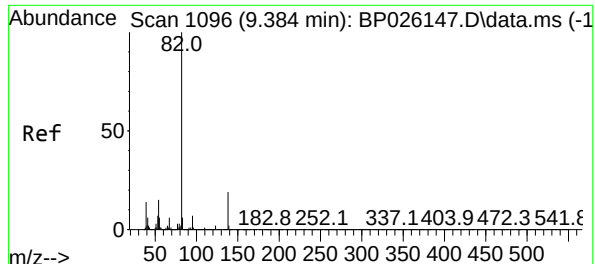
Ion Ratio Lower Upper

77 100

123 49.7 39.8 59.8

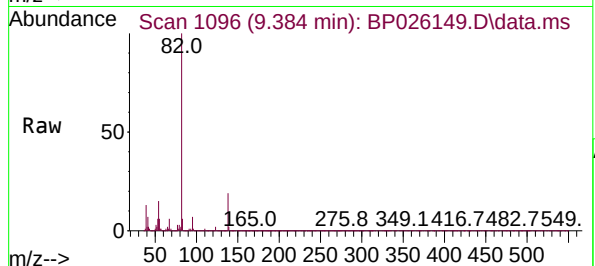
65 13.7 11.2 16.8





#25
Isophorone
Concen: 58.787 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

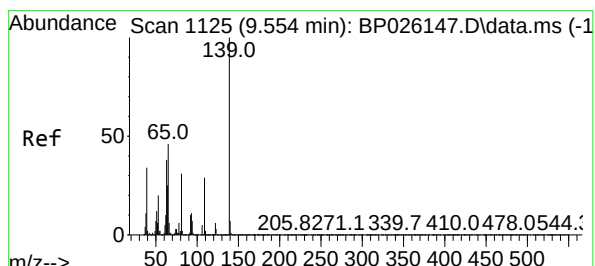
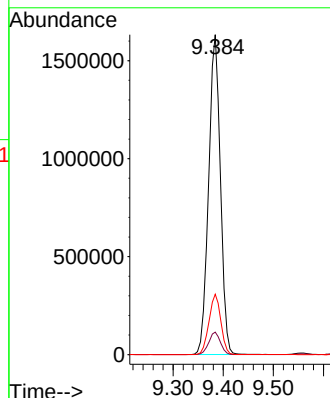
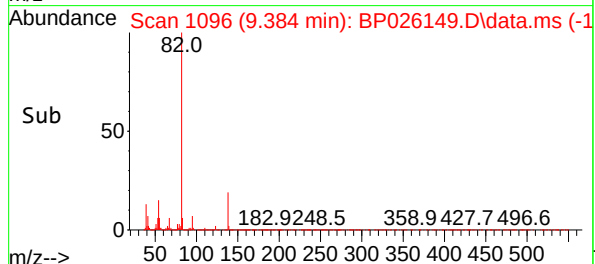
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



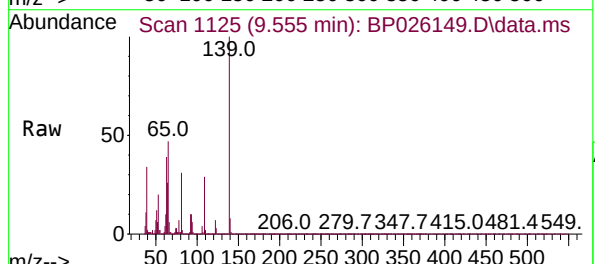
Tgt Ion: 82 Resp: 266127
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 18.9 15.4 23.0

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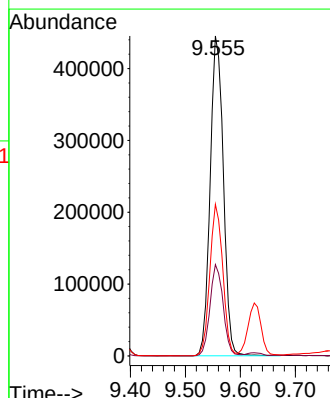
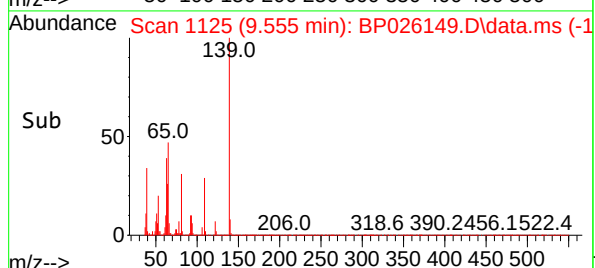
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

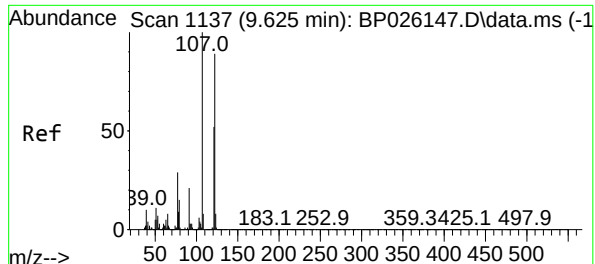


#26
2-Nitrophenol
Concen: 64.005 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00



Tgt Ion:139 Resp: 744625
Ion Ratio Lower Upper
139 100
109 28.5 22.3 33.5
65 47.4 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 60.144 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:122 Resp: 1267624

Ion Ratio Lower Upper

122 100

107 112.1 91.0 136.6

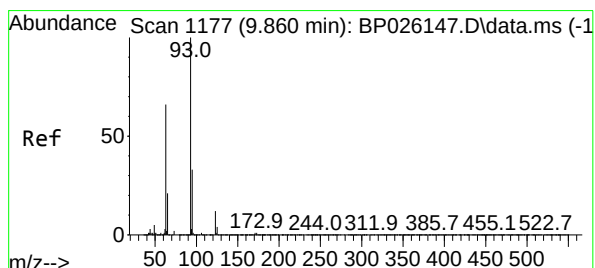
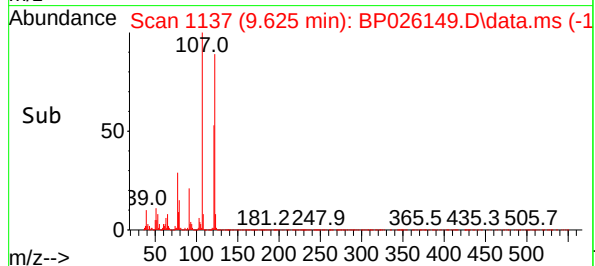
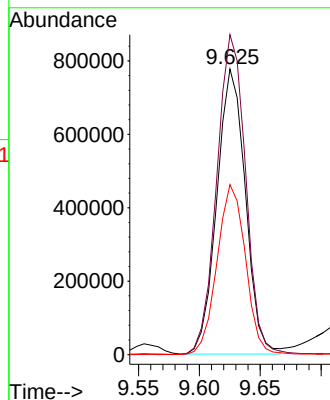
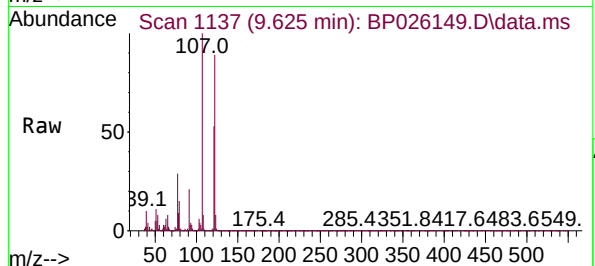
121 59.5 47.0 70.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#28

bis(2-Chloroethoxy)methane

Concen: 58.243 ng

RT: 9.855 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

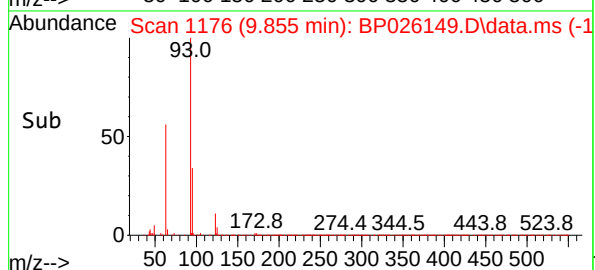
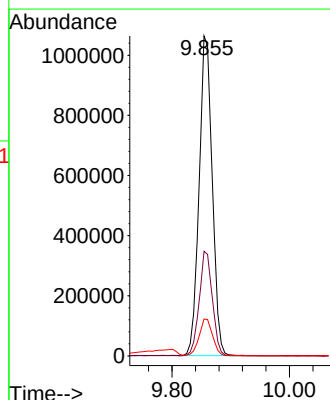
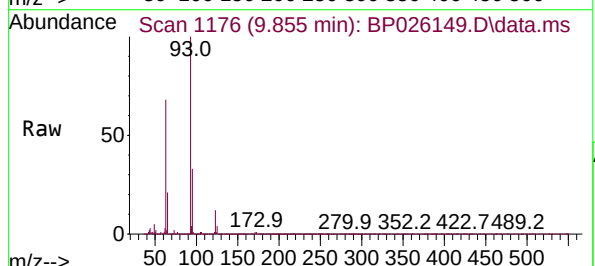
Tgt Ion: 93 Resp: 1650883

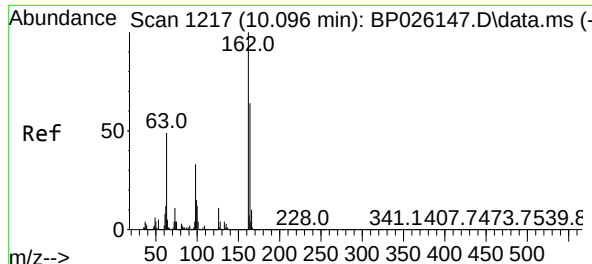
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 60.911 ng

RT: 10.090 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 1279059

Ion Ratio Lower Upper

162 100

164 63.4 43.8 83.8

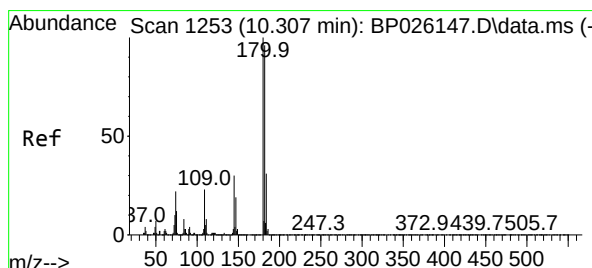
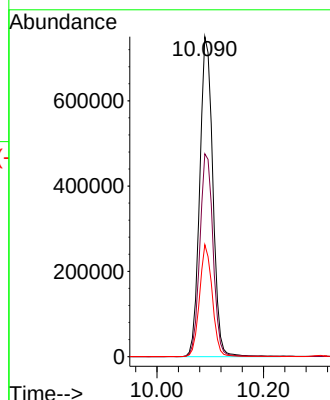
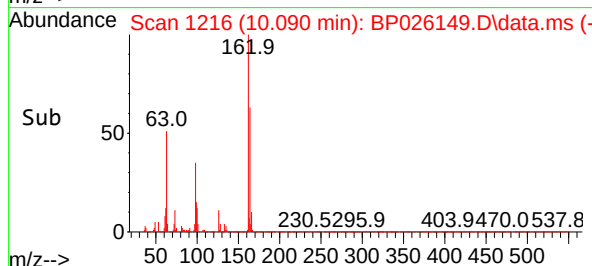
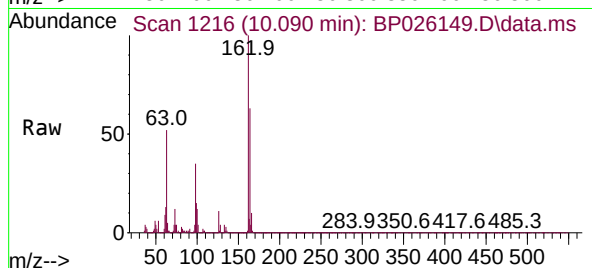
98 35.0 14.1 54.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 59.435 ng

RT: 10.307 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

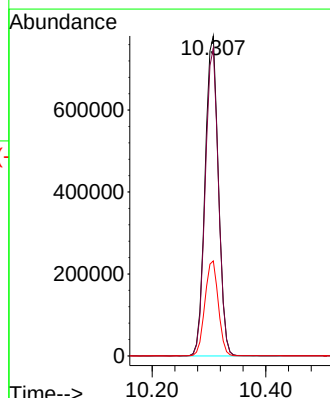
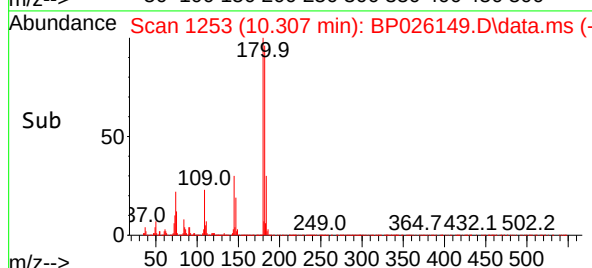
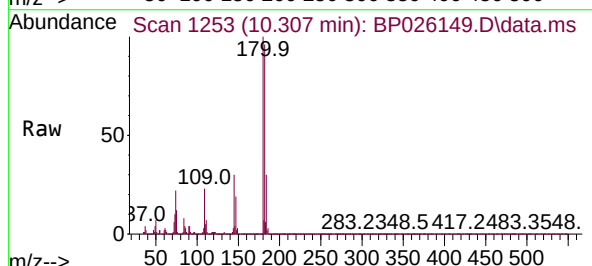
Tgt Ion:180 Resp: 1271878

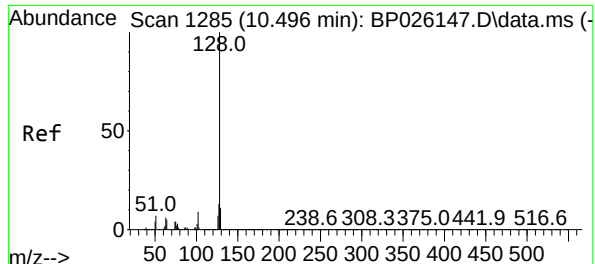
Ion Ratio Lower Upper

180 100

182 96.2 78.1 117.1

145 29.7 24.2 36.4





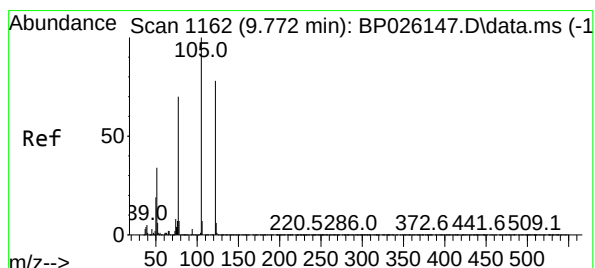
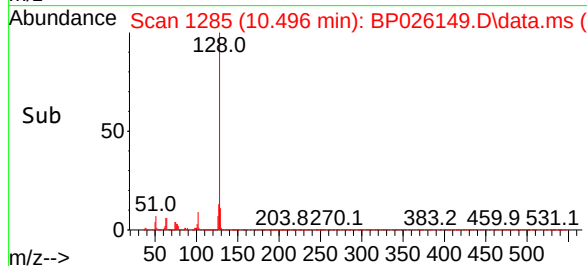
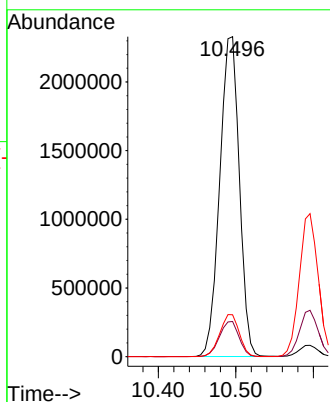
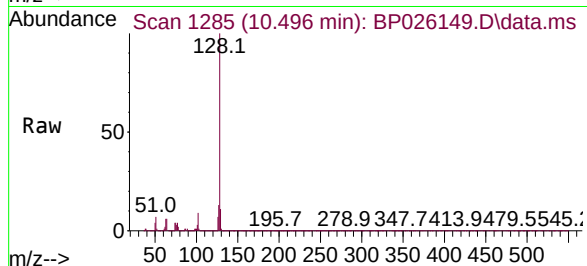
#31
Naphthalene
Concen: 58.487 ng
RT: 10.496 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 4106445
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.2 15.4

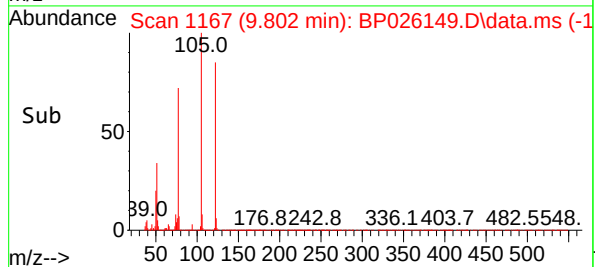
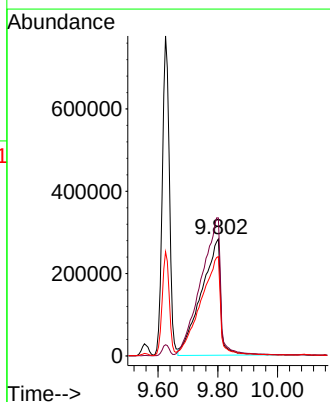
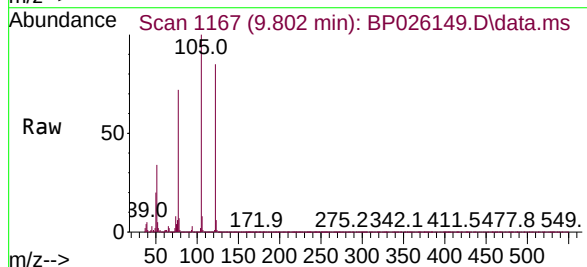
Manual Integrations
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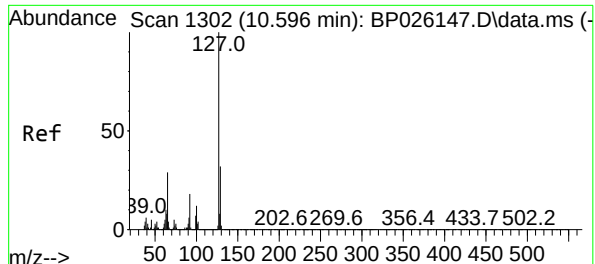
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 75.148 ng
RT: 9.802 min Scan# 1167
Delta R.T. 0.036 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

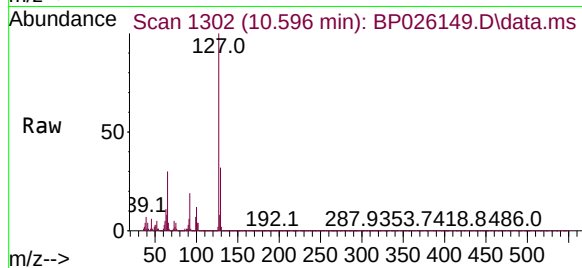
Tgt Ion:122 Resp: 1274317
Ion Ratio Lower Upper
122 100
105 118.1 100.1 140.1
77 84.9 66.7 106.7





#33
4-Chloroaniline
Concen: 59.551 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

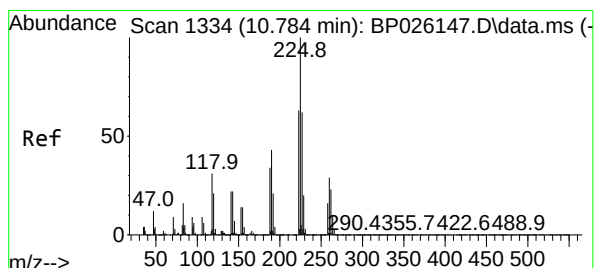
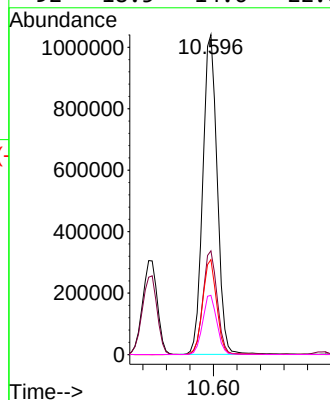
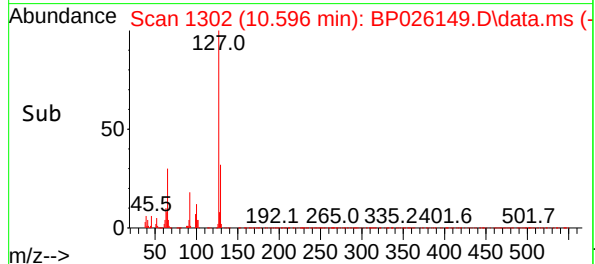
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 1774806
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.8
65 29.7 22.7 34.1
92 18.5 14.6 22.0

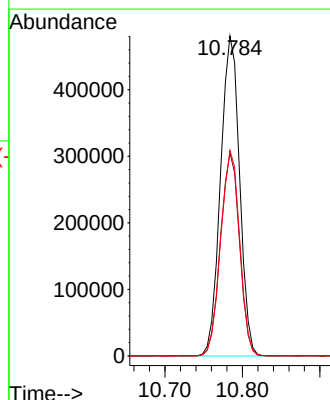
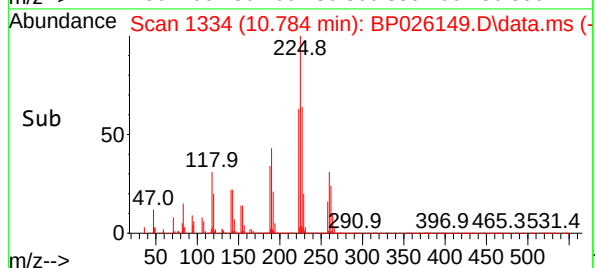
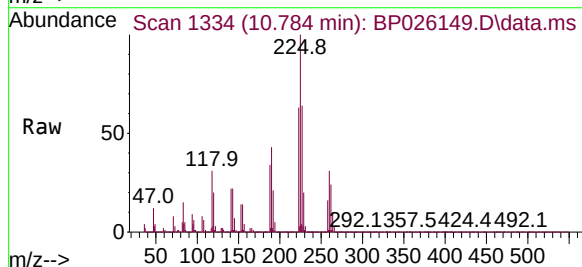
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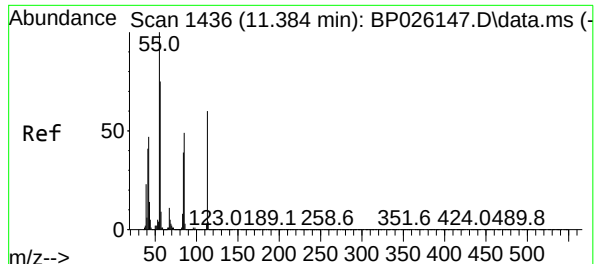
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 58.957 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:225 Resp: 820866
Ion Ratio Lower Upper
225 100
223 63.4 49.6 74.4
227 64.2 51.2 76.8





#35

Caprolactam

Concen: 58.493 ng

RT: 11.390 min Scan# 1436

Delta R.T. 0.012 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:113 Resp: 442308

Ion Ratio Lower Upper

113 100

55 170.8 153.0 193.0

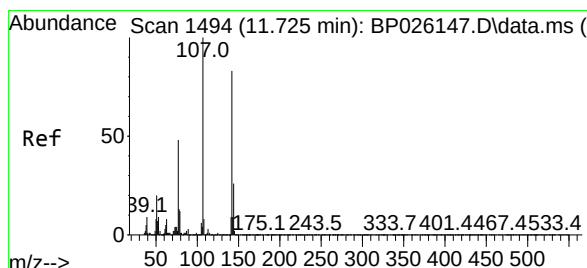
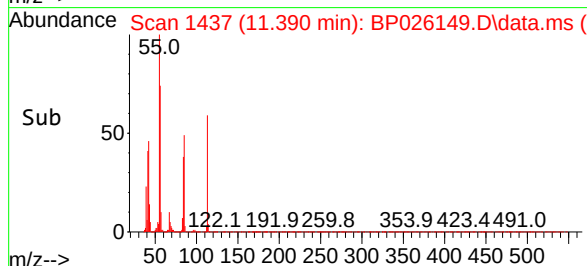
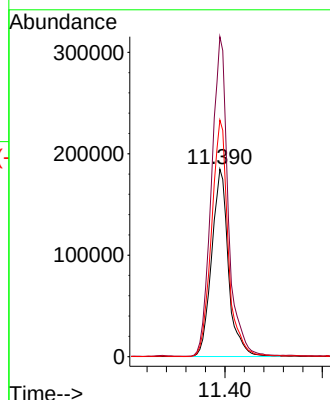
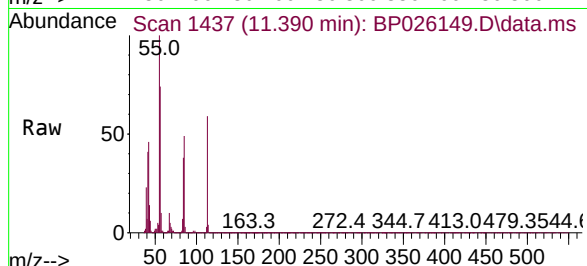
56 126.2 106.4 146.4

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#36

4-Chloro-3-methylphenol

Concen: 59.672 ng

RT: 11.731 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

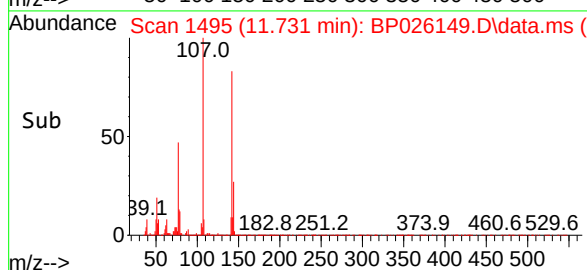
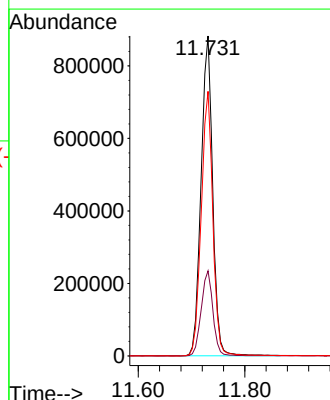
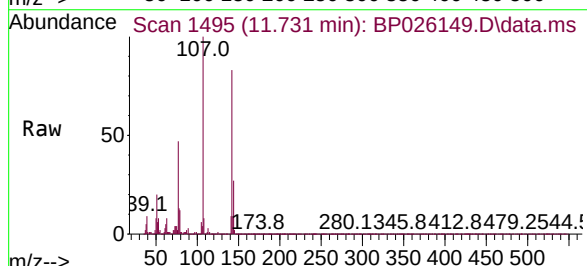
Tgt Ion:107 Resp: 1333194

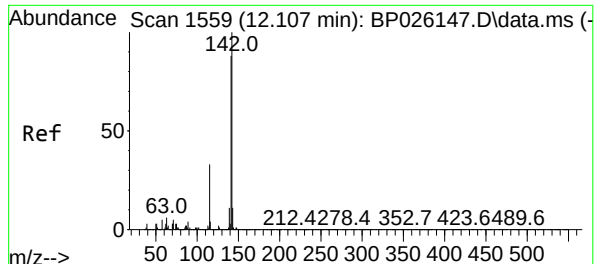
Ion Ratio Lower Upper

107 100

144 26.6 21.6 32.4

142 82.7 65.6 98.4





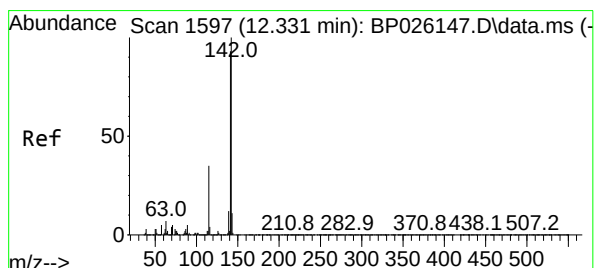
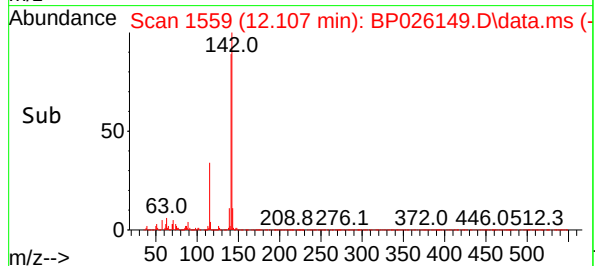
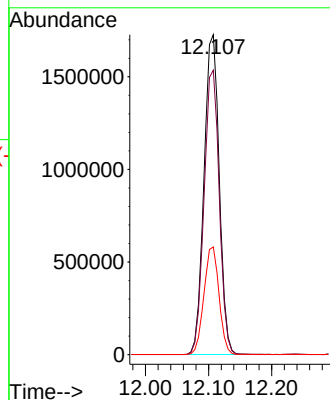
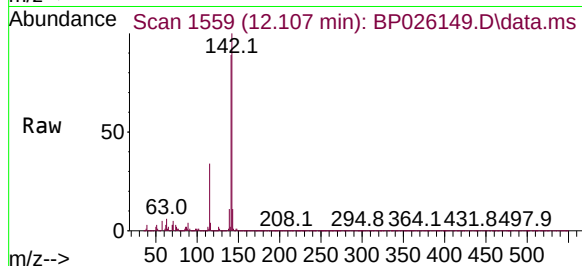
#37
2-Methylnaphthalene
Concen: 58.205 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 2892574
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6
115 33.6 26.6 39.8

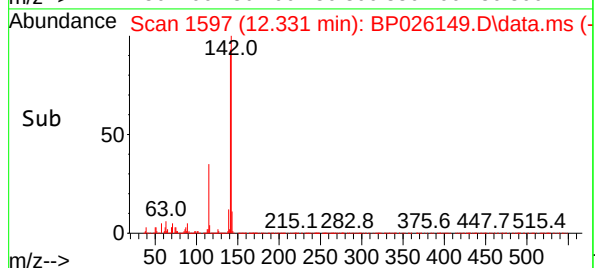
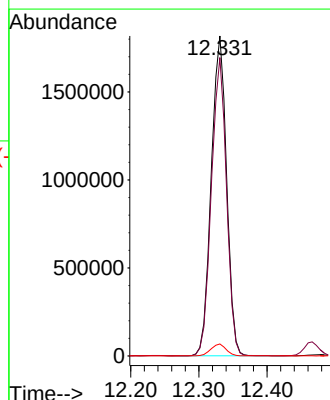
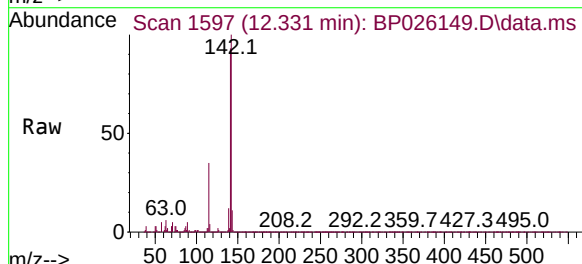
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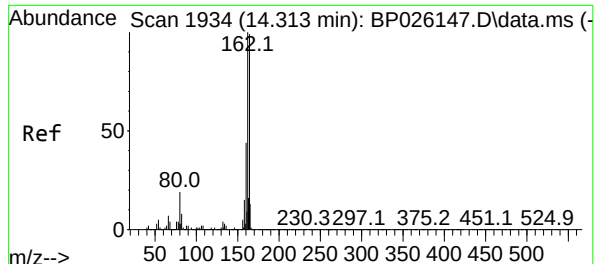
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#38
1-Methylnaphthalene
Concen: 58.118 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:142 Resp: 2826038
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:164 Resp: 796804

Ion Ratio Lower Upper

164 100

162 99.5 80.3 120.5

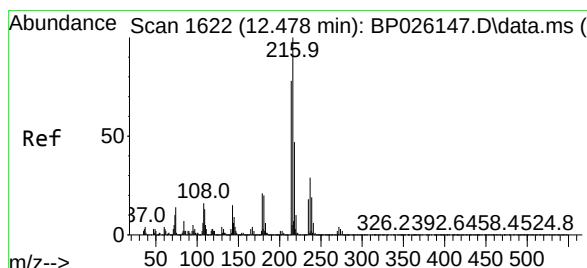
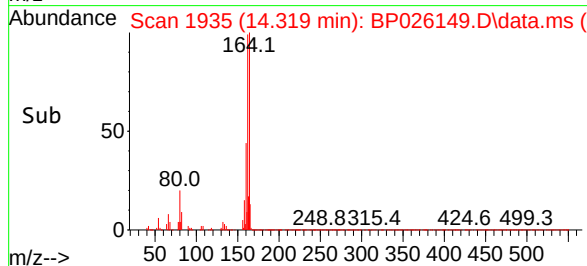
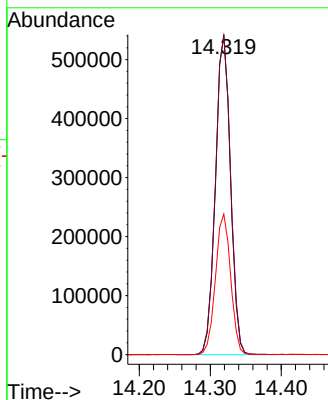
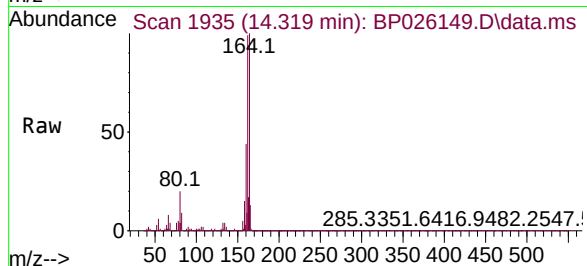
160 43.9 35.2 52.8

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 60.722 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Tgt Ion:216 Resp: 1458024

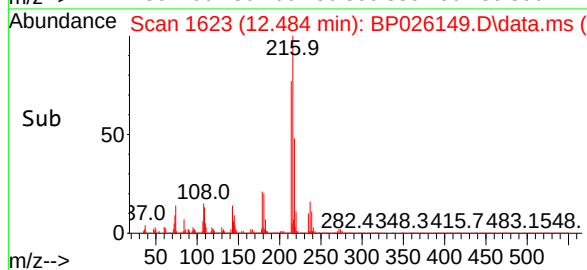
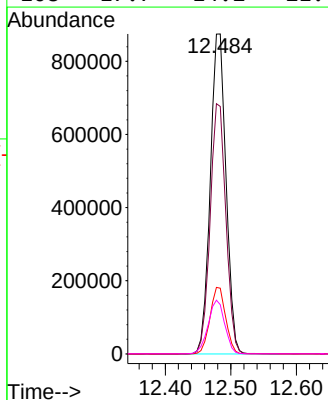
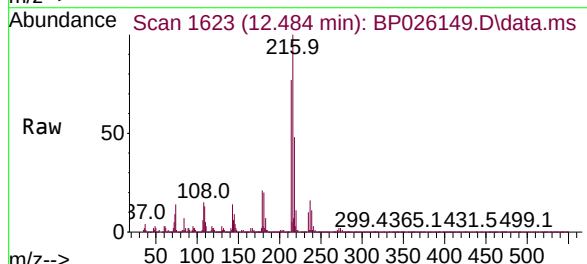
Ion Ratio Lower Upper

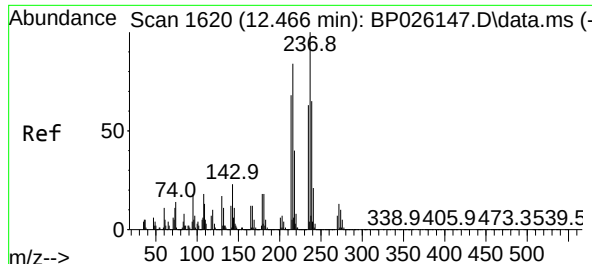
216 100

214 78.3 62.6 94.0

179 20.7 16.6 25.0

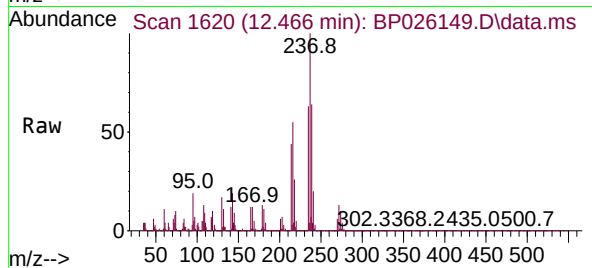
108 17.7 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 63.796 ng
RT: 12.466 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

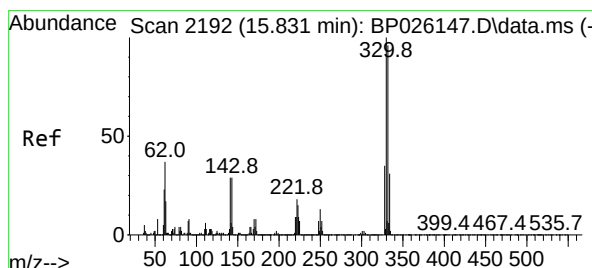
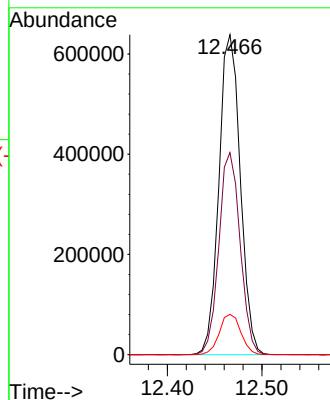
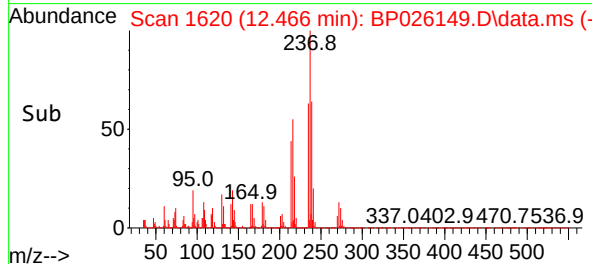
Instrument :
BNA_P
Client Sample Id :
SSTDICC060



Tgt Ion: 237 Resp: 999826
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.6 0.0 32.9

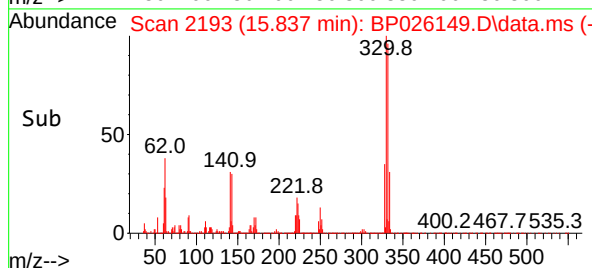
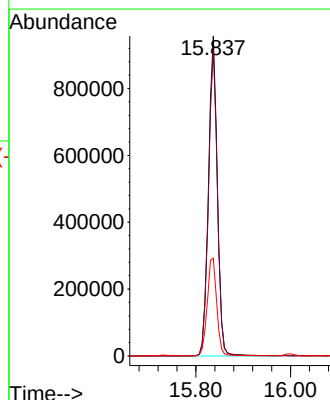
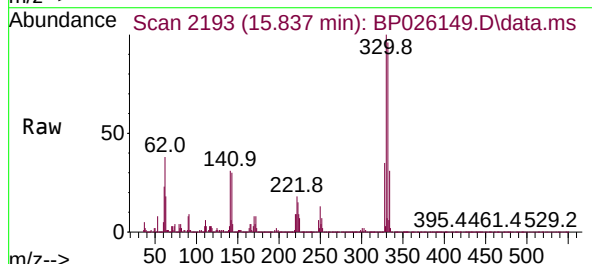
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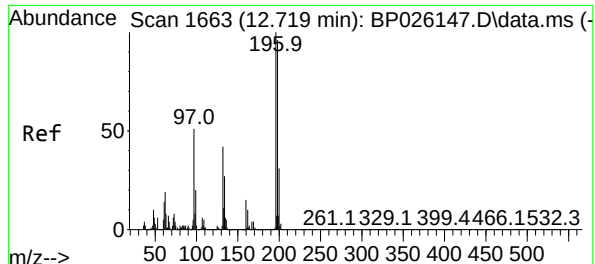
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#42
2,4,6-Tribromophenol
Concen: 120.534 ng
RT: 15.837 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 330 Resp: 1244554
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 32.7 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 61.691 ng

RT: 12.719 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 1019369

Ion Ratio Lower Upper

196 100

198 95.1 76.9 115.3

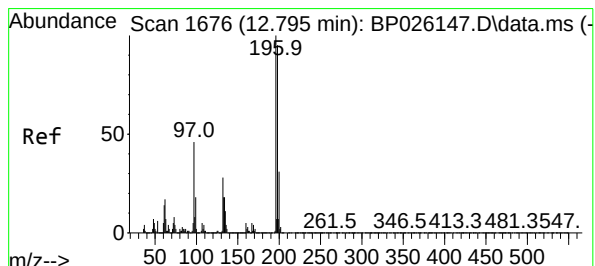
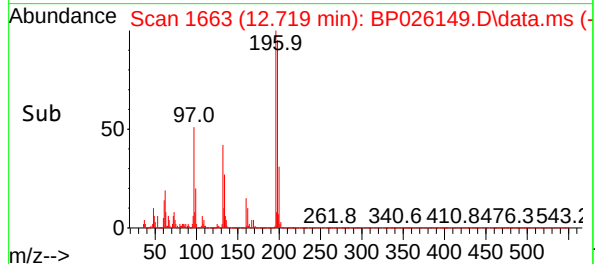
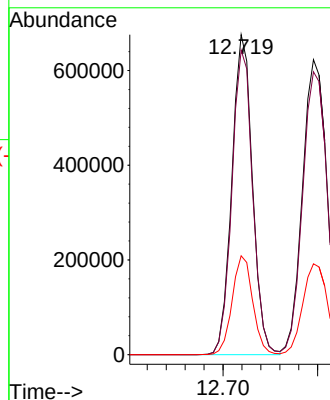
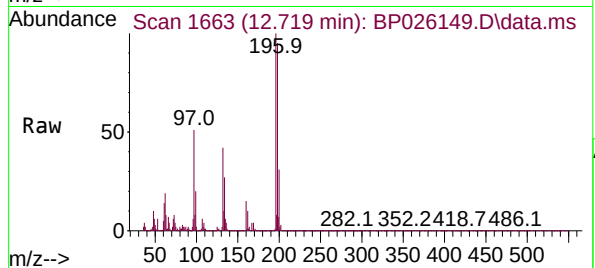
200 30.9 24.6 37.0

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#44

2,4,5-Trichlorophenol

Concen: 61.302 ng

RT: 12.796 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Tgt Ion:196 Resp: 1129527

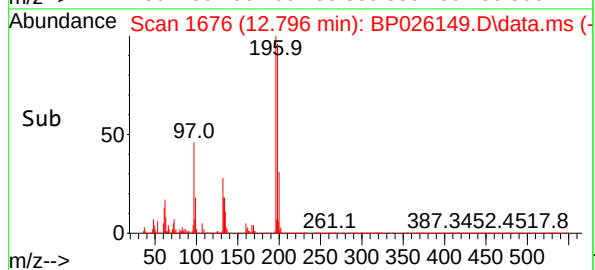
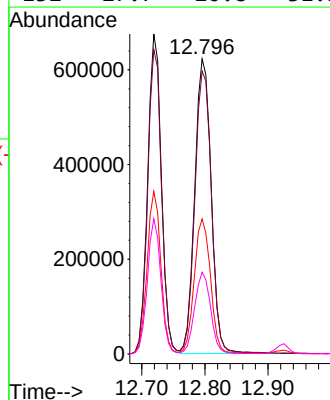
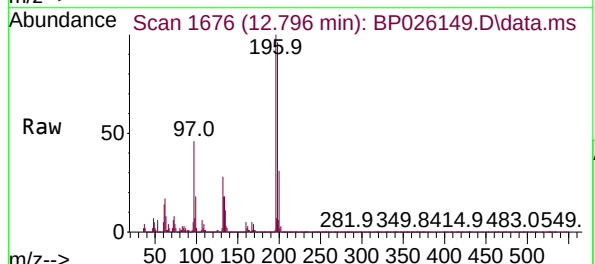
Ion Ratio Lower Upper

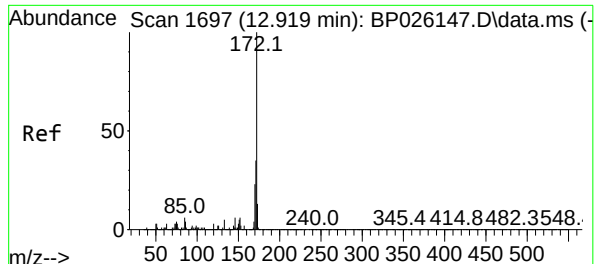
196 100

198 95.9 76.4 114.6

97 45.8 35.7 53.5

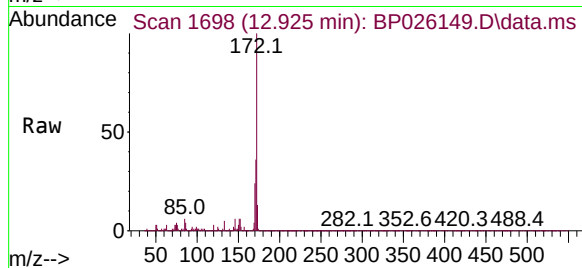
132 27.7 20.8 31.2





#45
2-Fluorobiphenyl
Concen: 115.965 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

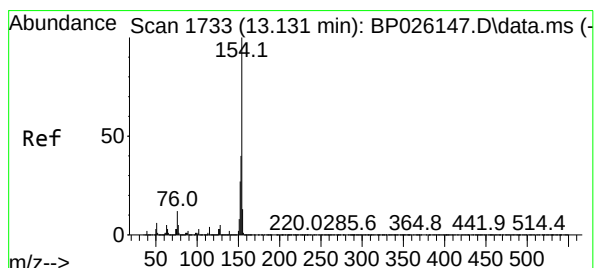
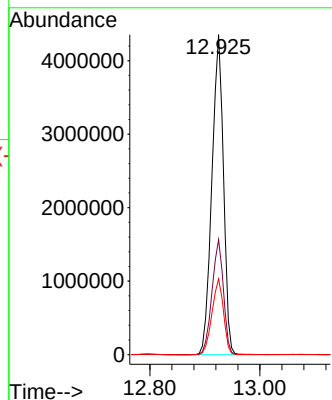
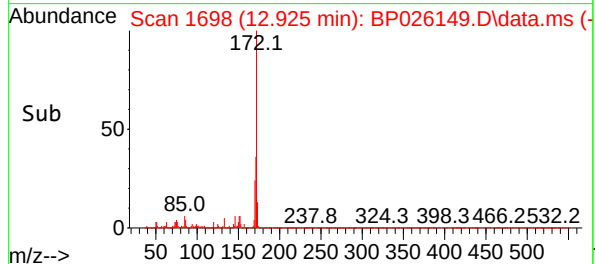
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:172 Resp: 6333636
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 23.7 18.7 28.1

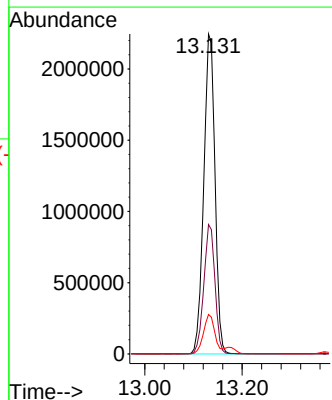
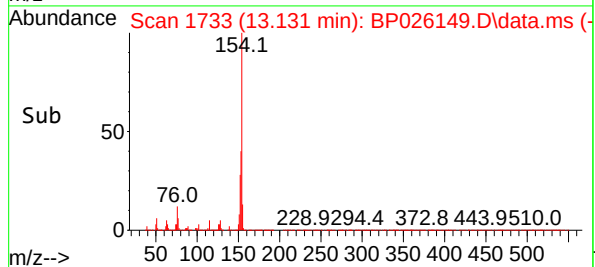
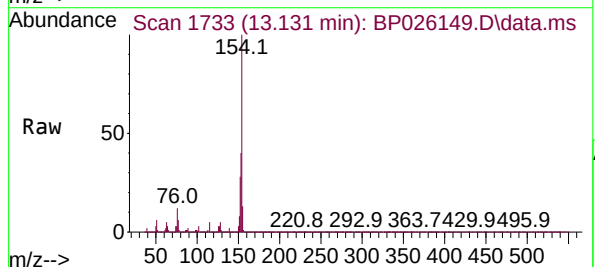
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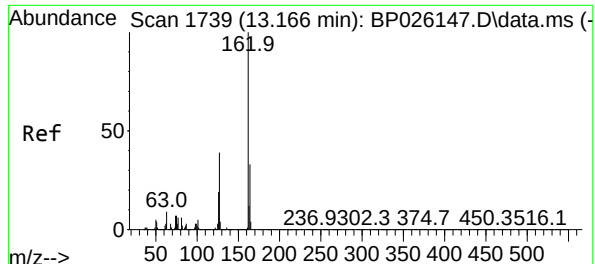
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#46
1,1'-Biphenyl
Concen: 60.111 ng
RT: 13.131 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:154 Resp: 3595006
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.3 0.0 32.3





#47

2-Chloronaphthalene

Concen: 60.741 ng

RT: 13.172 min Scan# 1739

Delta R.T. -0.012 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 2855986

Ion Ratio Lower Upper

162 100

127 38.5 30.9 46.3

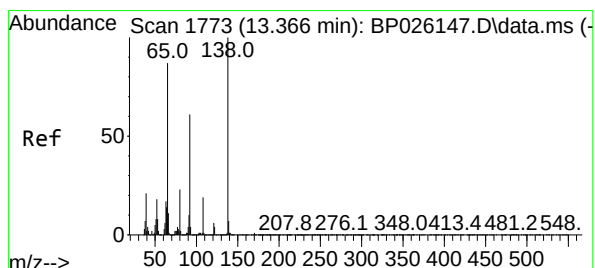
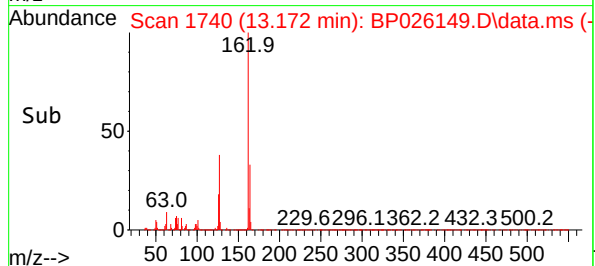
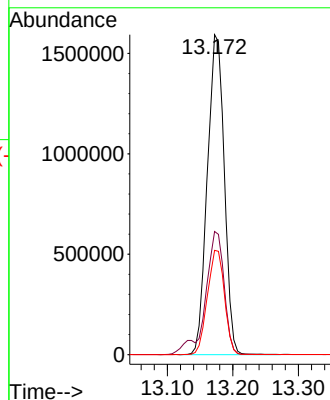
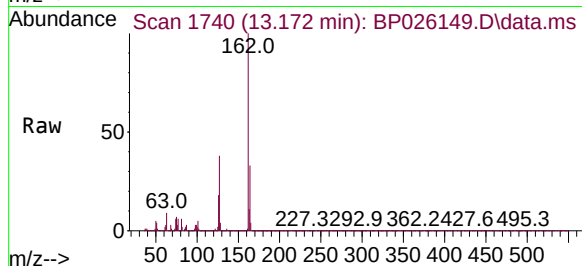
164 32.6 26.4 39.6

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#48

2-Nitroaniline

Concen: 63.445 ng

RT: 13.372 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

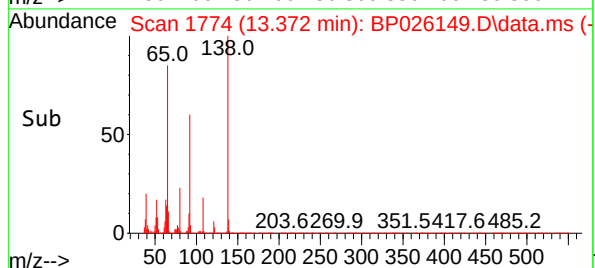
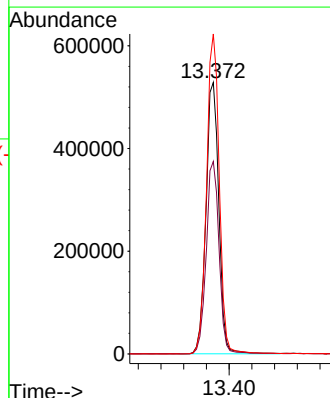
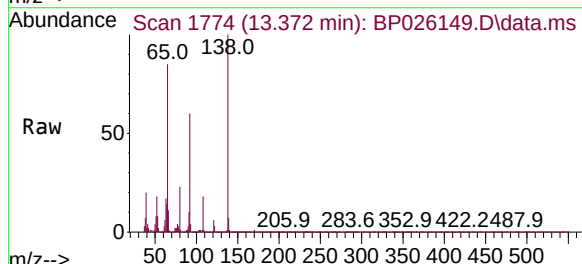
Tgt Ion: 65 Resp: 833079

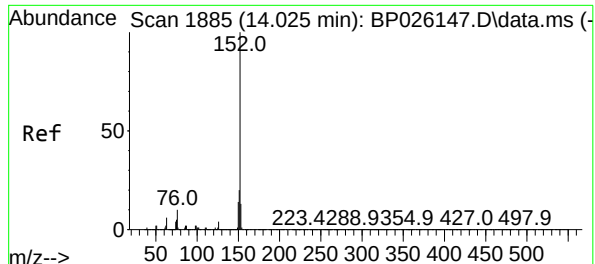
Ion Ratio Lower Upper

65 100

92 70.9 59.1 88.7

138 117.9 96.6 145.0





#49

Acenaphthylene

Concen: 59.935 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 466262

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

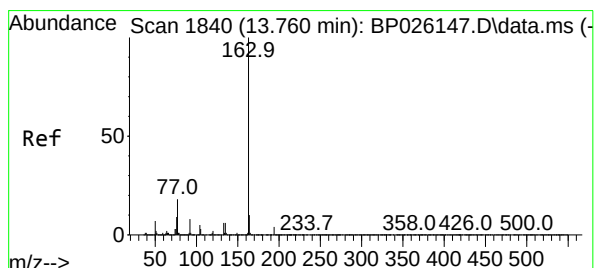
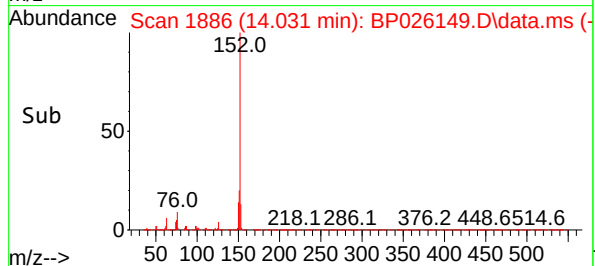
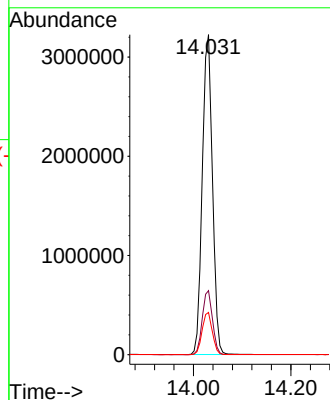
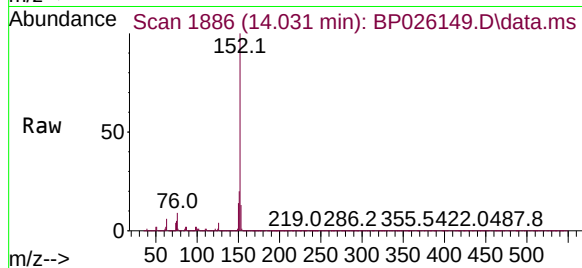
153 13.2 10.6 16.0

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

Concen: 59.198 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

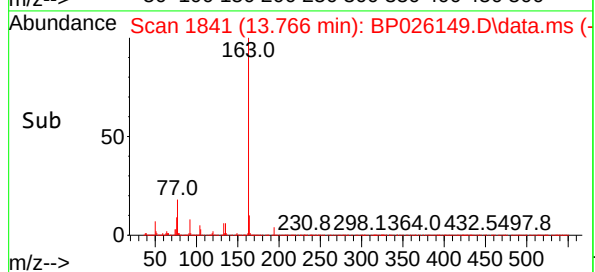
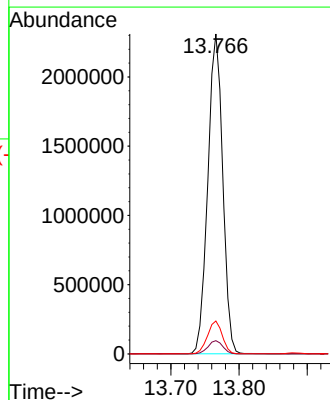
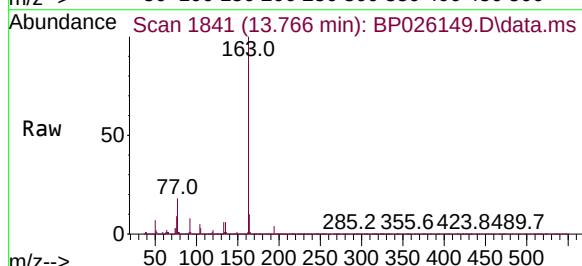
Tgt Ion:163 Resp: 3514882

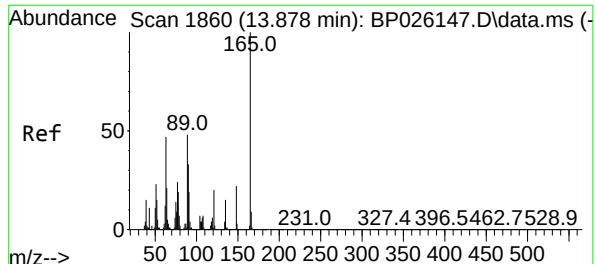
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.2 12.2





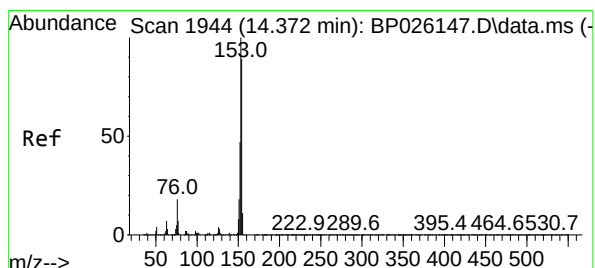
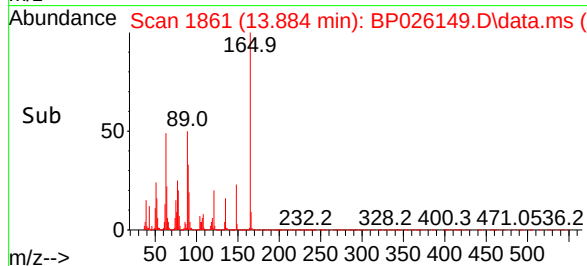
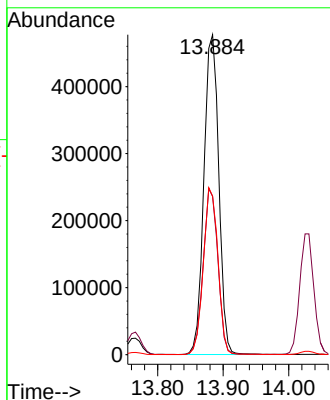
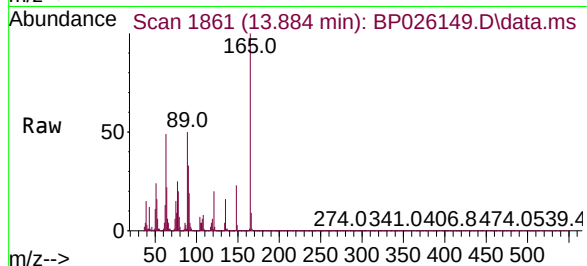
#51
2,6-Dinitrotoluene
Concen: 63.777 ng
RT: 13.884 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 748865
Ion Ratio Lower Upper
165 100
63 49.4 40.5 60.7
89 49.5 41.3 61.9

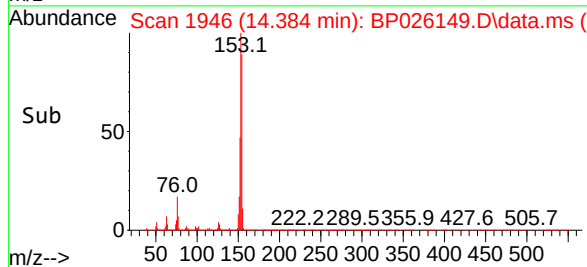
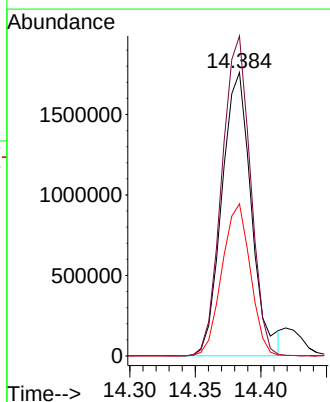
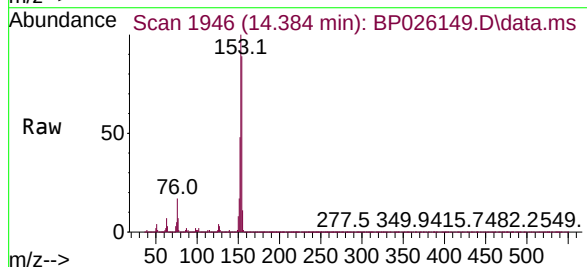
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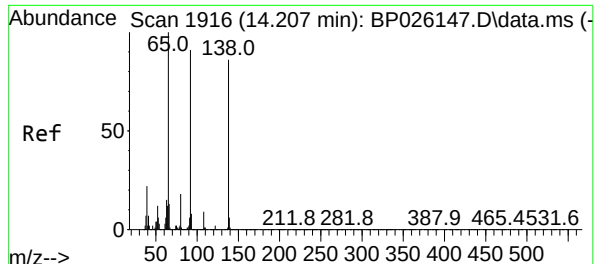
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 60.573 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

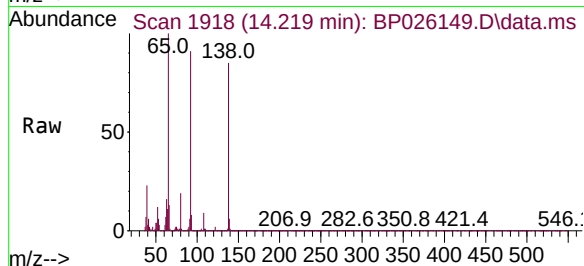
Tgt Ion:154 Resp: 2756036
Ion Ratio Lower Upper
154 100
153 112.9 90.7 136.1
152 53.6 42.8 64.2





#53
3-Nitroaniline
Concen: 63.349 ng
RT: 14.219 min Scan# 1918
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

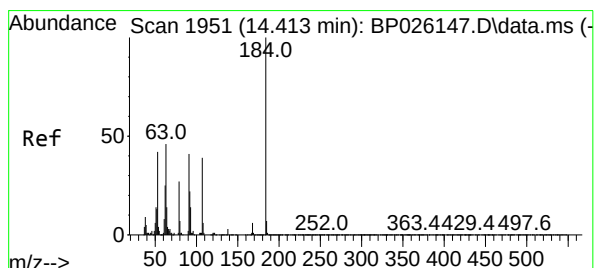
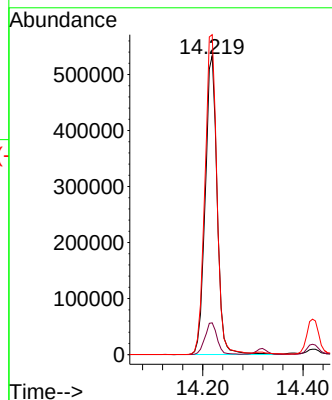
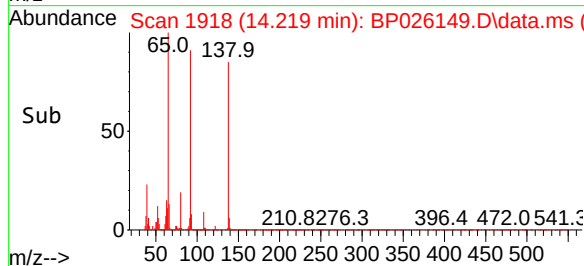
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:138 Resp: 878733
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 107.1 86.3 129.5

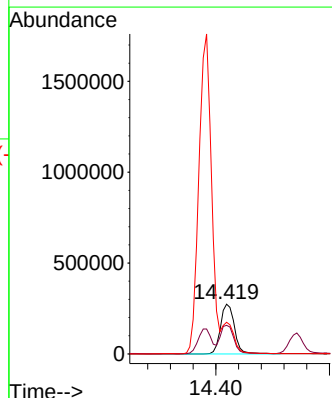
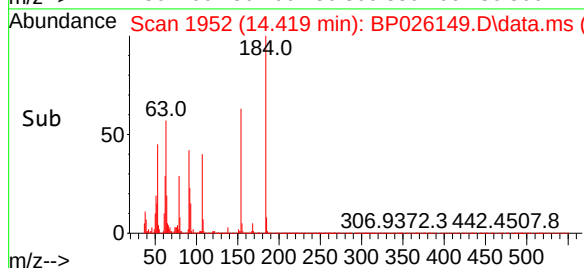
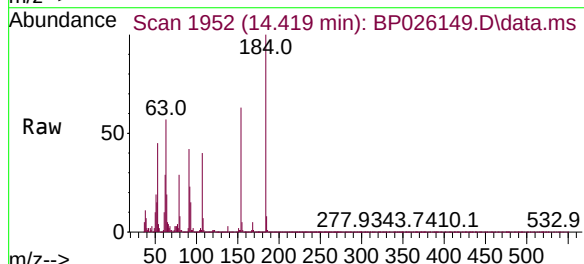
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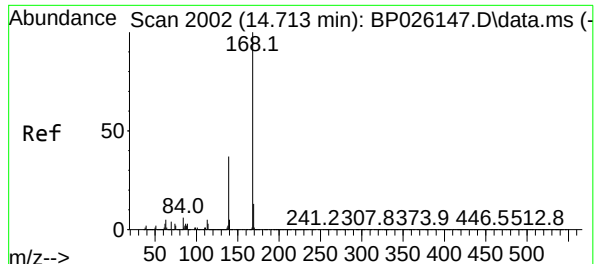
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 65.711 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:184 Resp: 462858
Ion Ratio Lower Upper
184 100
63 57.5 43.1 64.7
154 63.5 49.5 74.3





#55

Dibenzenofuran

Concen: 58.432 ng

RT: 14.725 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 415459

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.6

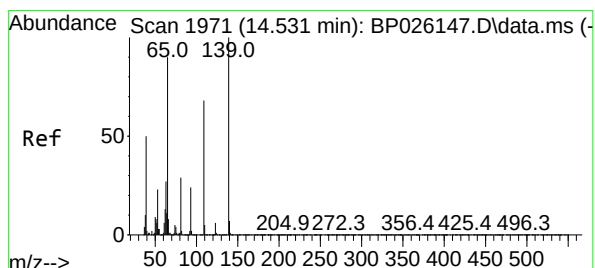
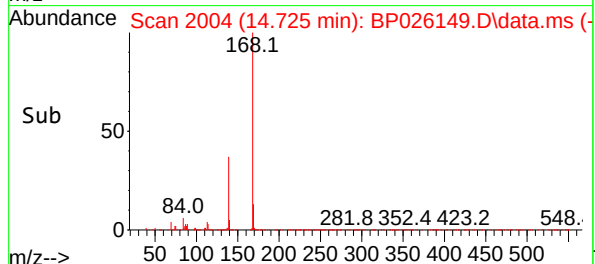
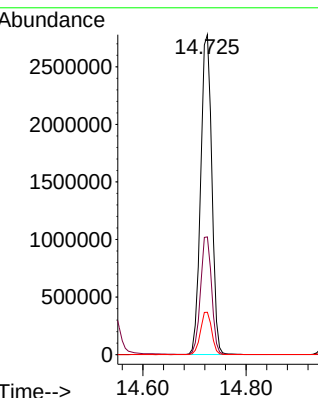
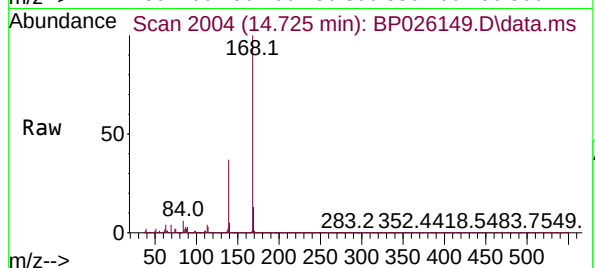
169 13.2 10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 61.570 ng

RT: 14.543 min Scan# 1973

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

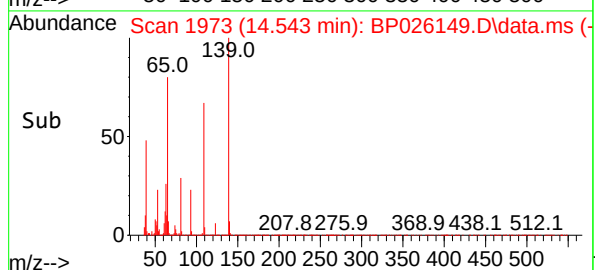
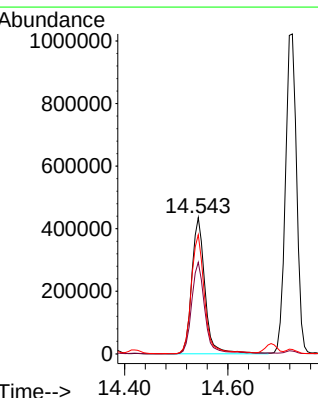
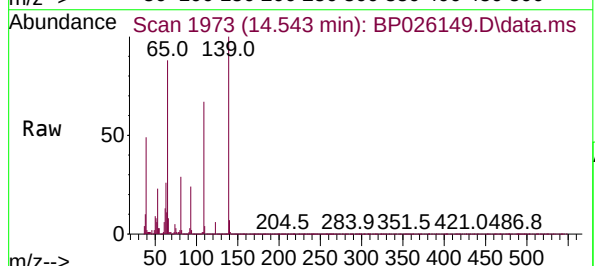
Tgt Ion:139 Resp: 775308

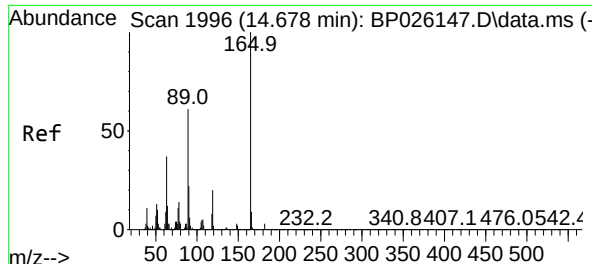
Ion Ratio Lower Upper

139 100

109 67.2 46.8 86.8

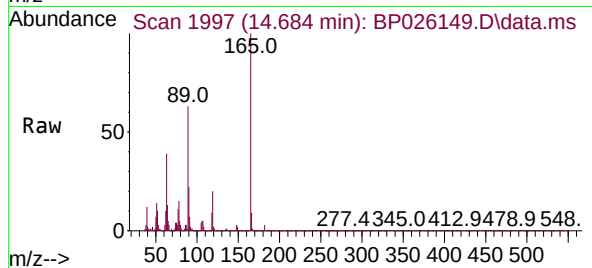
65 87.5 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 63.016 ng
RT: 14.684 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

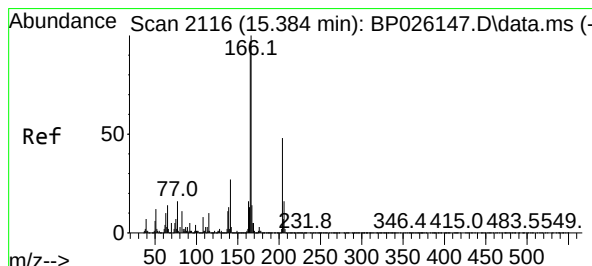
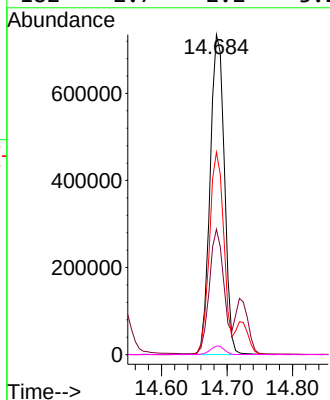
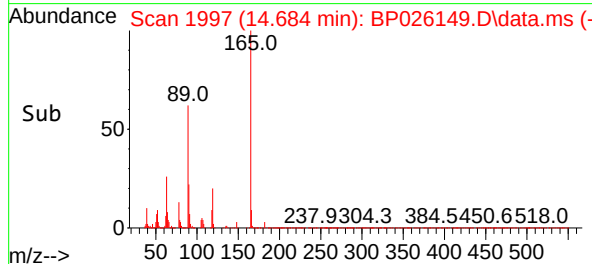
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 1112352
Ion Ratio Lower Upper
165 100
63 39.2 31.0 46.6
89 63.3 51.7 77.5
182 2.7 2.2 3.2

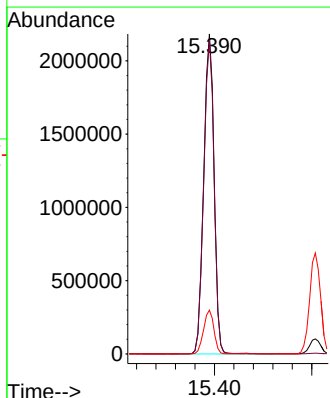
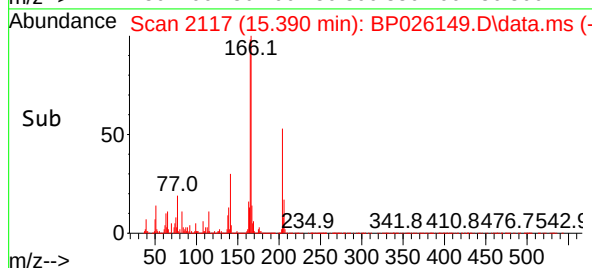
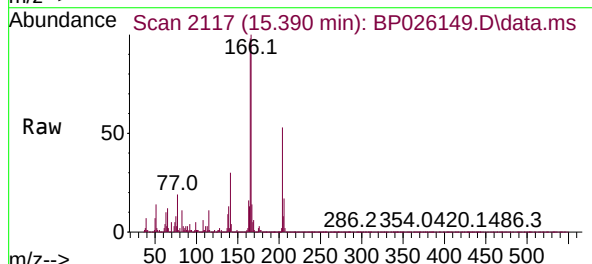
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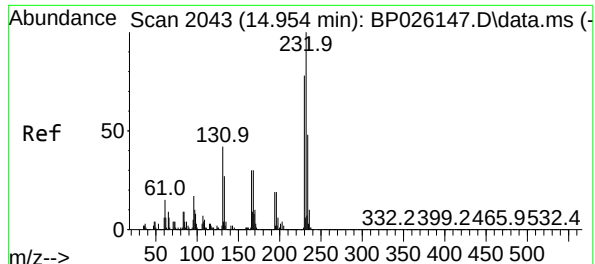
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 57.477 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:166 Resp: 3230615
Ion Ratio Lower Upper
166 100
165 98.1 77.9 116.9
167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.606 ng

RT: 14.960 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:232 Resp: 945836

Ion Ratio Lower Upper

232 100

131 43.1 34.8 52.2

130 2.2 1.8 2.8

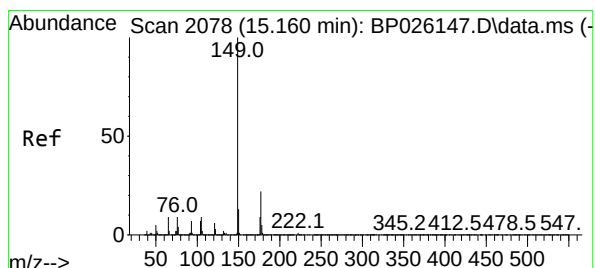
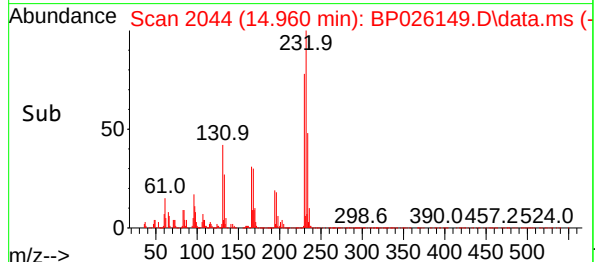
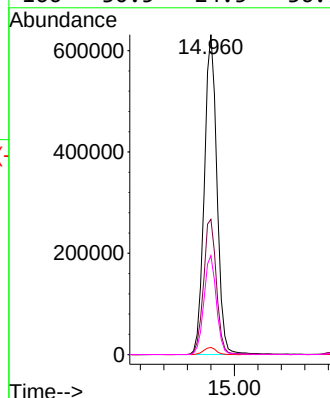
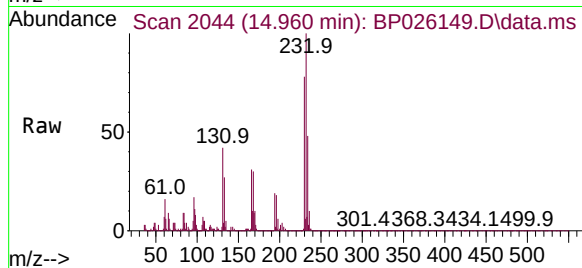
166 30.5 24.5 36.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#60

Diethylphthalate

Concen: 58.065 ng

RT: 15.166 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

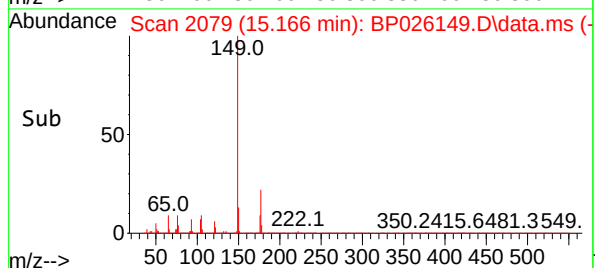
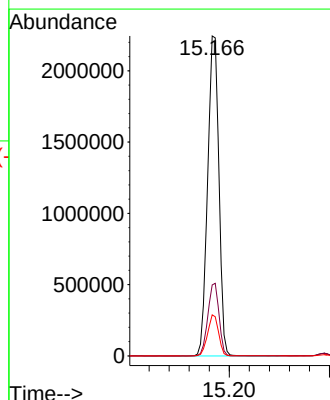
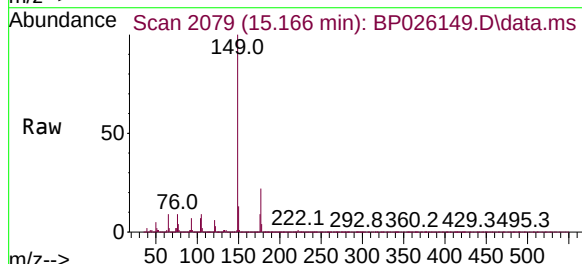
Tgt Ion:149 Resp: 3494483

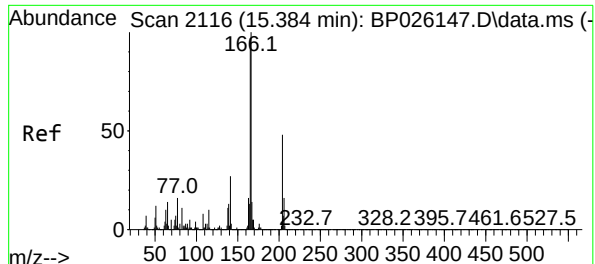
Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

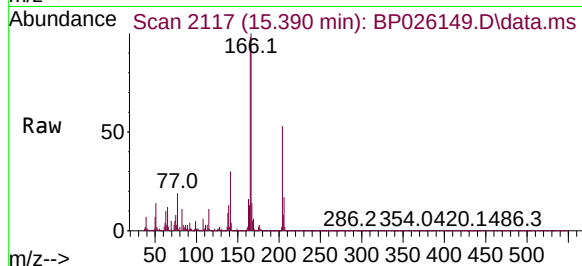
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 57.693 ng
RT: 15.390 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

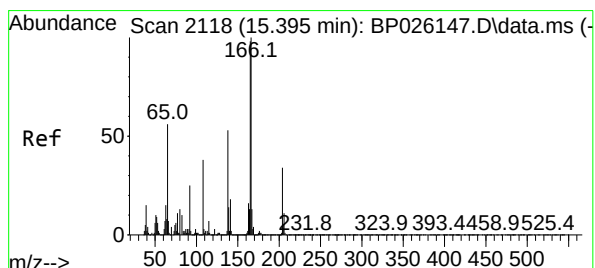
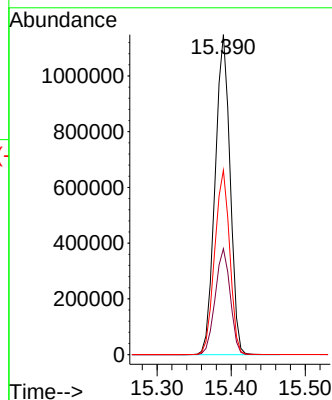
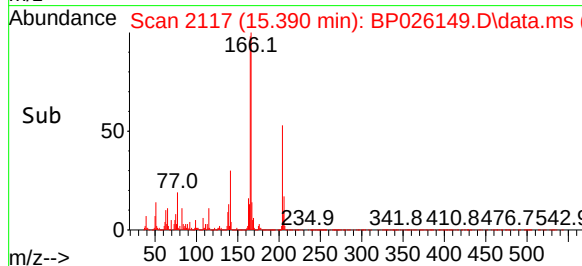
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:204 Resp: 1609638
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 57.6 48.1 72.1

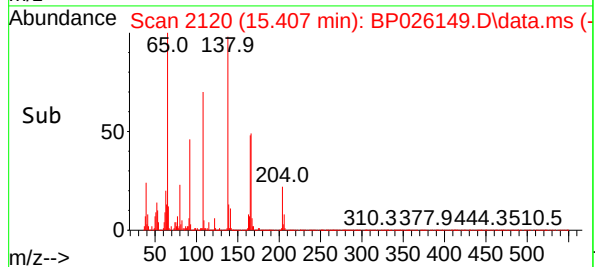
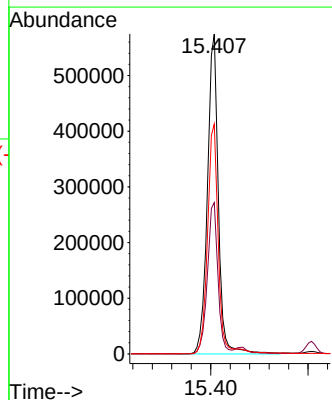
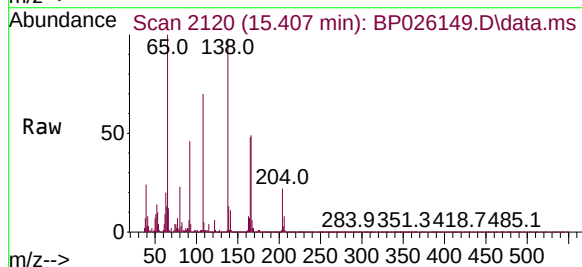
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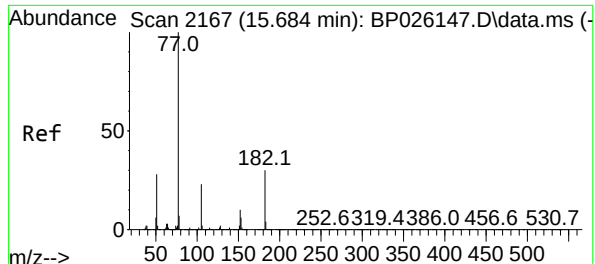
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 61.908 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

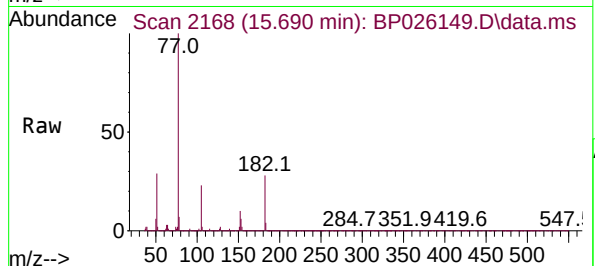
Tgt Ion:138 Resp: 898849
Ion Ratio Lower Upper
138 100
92 47.3 27.5 67.5
108 71.8 51.1 91.1





#63
Azobenzene
Concen: 59.189 ng
RT: 15.690 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

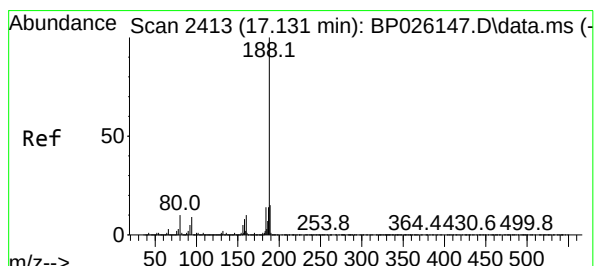
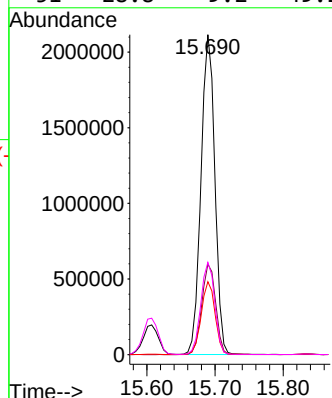
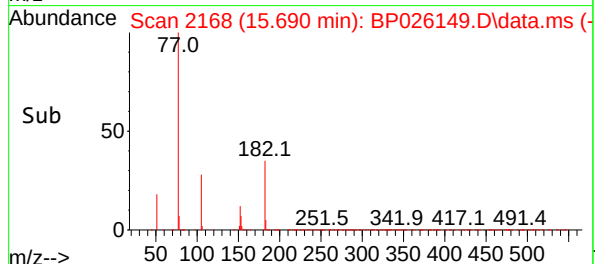
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 77 Resp: 299272
Ion Ratio Lower Upper
77 100
182 28.3 8.8 48.8
105 22.8 2.6 42.6
51 28.8 9.2 49.2

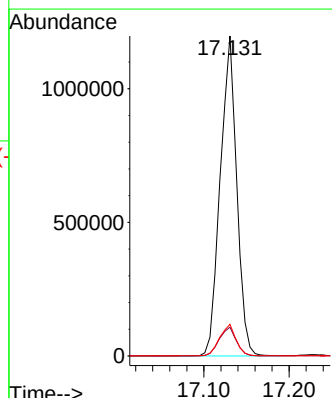
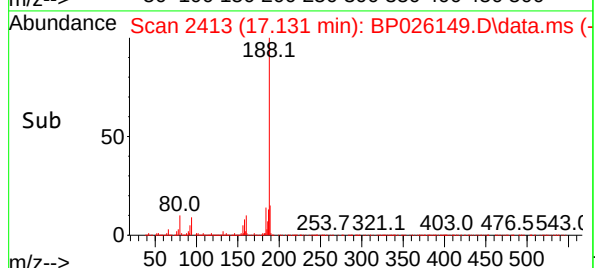
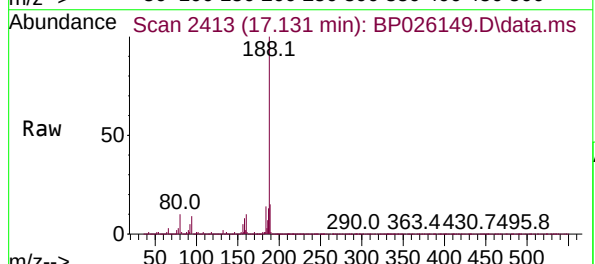
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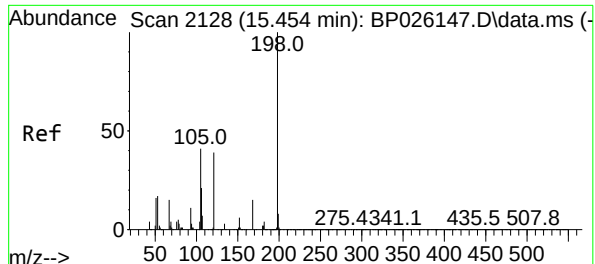
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:188 Resp: 1609780
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.9 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 63.752 ng

RT: 15.466 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:198 Resp: 645829

Ion Ratio Lower Upper

198 100

51 40.0 18.4 58.4

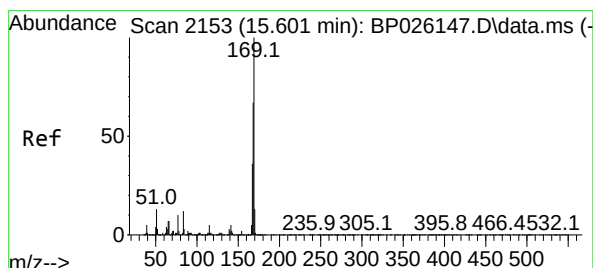
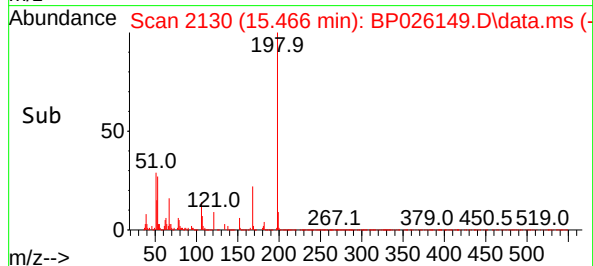
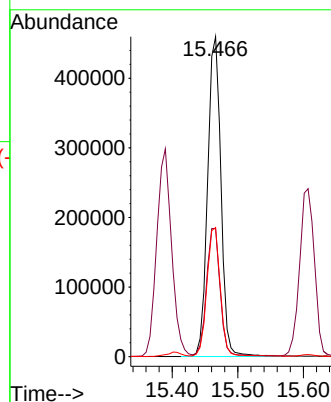
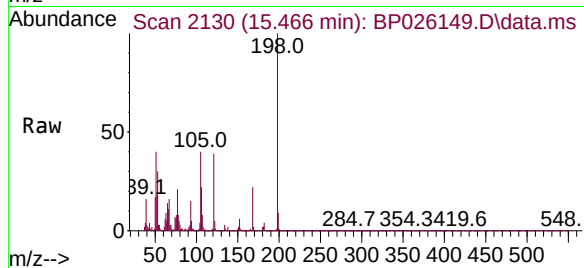
105 40.3 18.5 58.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#66

n-Nitrosodiphenylamine

Concen: 59.025 ng

RT: 15.607 min Scan# 2154

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

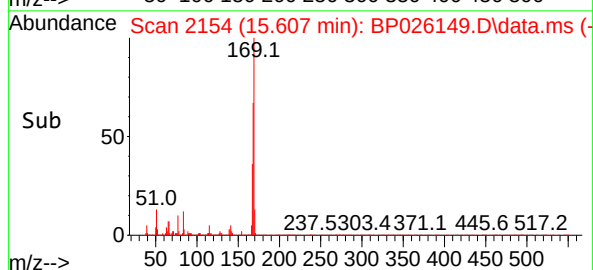
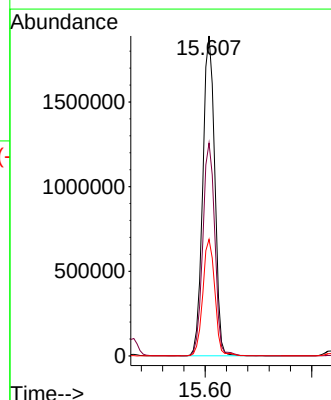
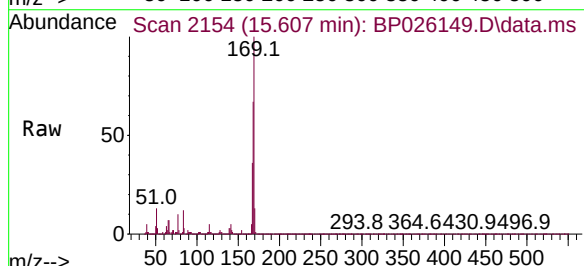
Tgt Ion:169 Resp: 2939838

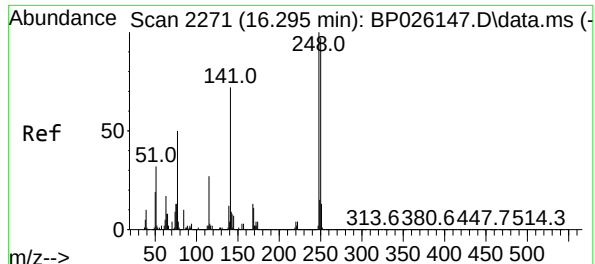
Ion Ratio Lower Upper

169 100

168 66.5 53.1 79.7

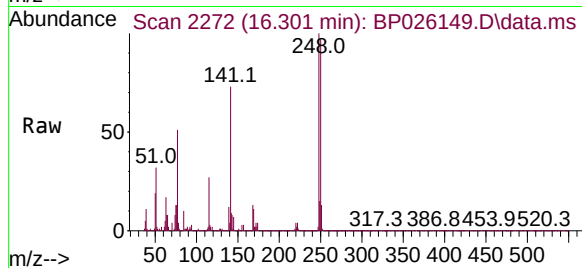
167 36.4 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 59.865 ng
RT: 16.301 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

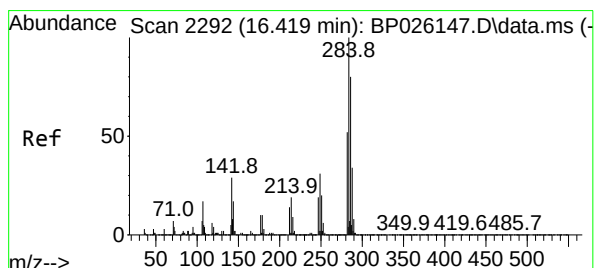
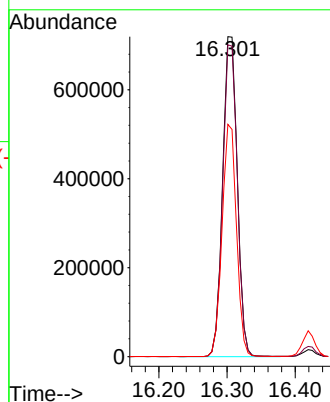
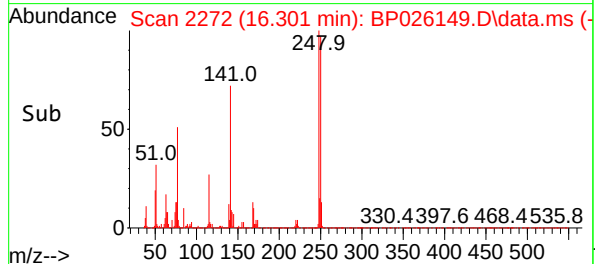
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 106499
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 72.6 55.4 83.0

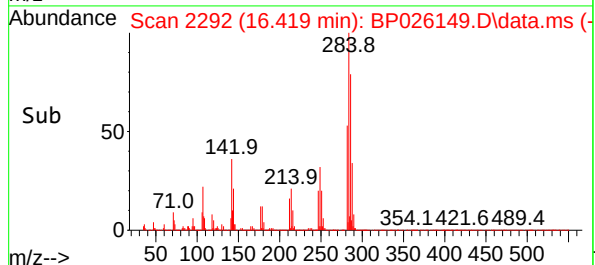
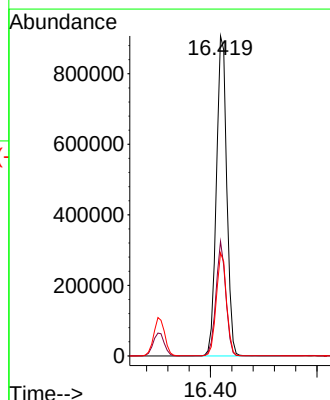
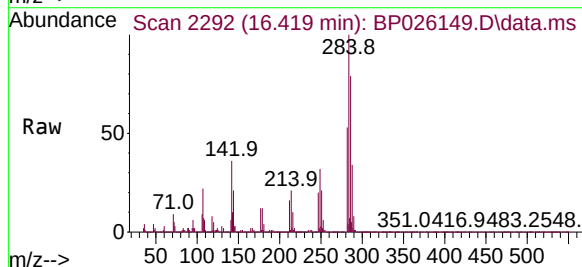
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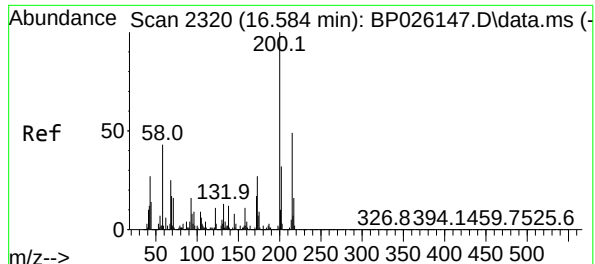
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68
Hexachlorobenzene
Concen: 59.631 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:284 Resp: 1225655
Ion Ratio Lower Upper
284 100
142 35.8 28.0 42.0
249 32.2 25.0 37.4





#69

Atrazine

Concen: 59.021 ng

RT: 16.589 min Scan# 2321

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 110697

Ion Ratio Lower Upper

200 100

173 26.5 6.7 46.7

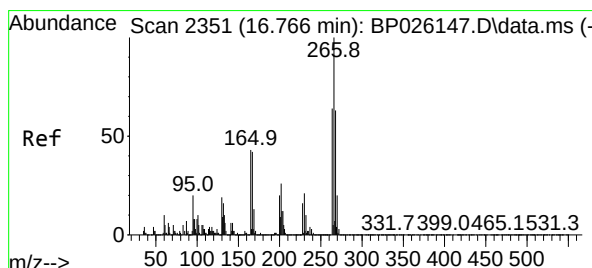
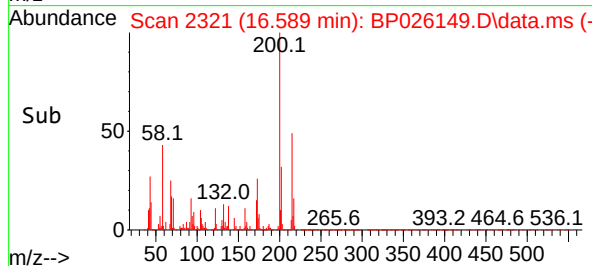
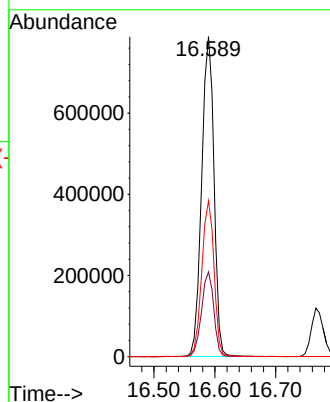
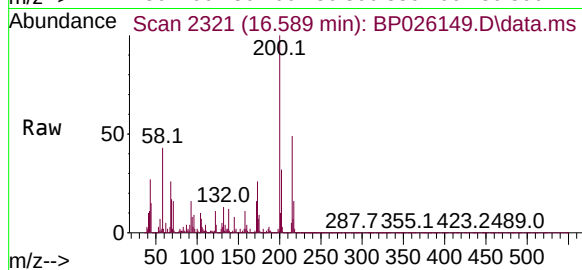
215 48.7 27.4 67.4

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#70

Pentachlorophenol

Concen: 60.353 ng

RT: 16.766 min Scan# 2351

Delta R.T. -0.012 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

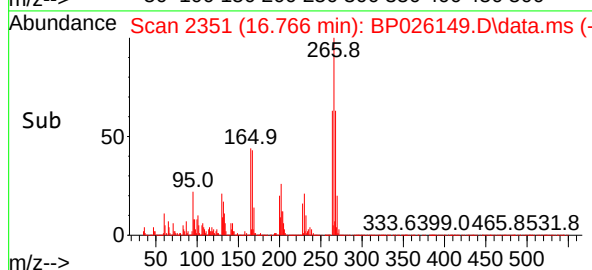
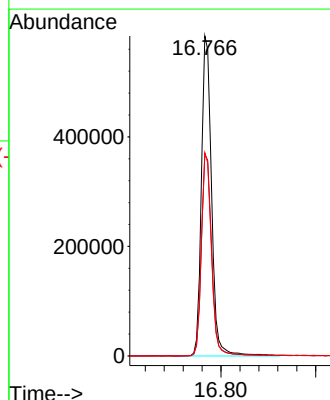
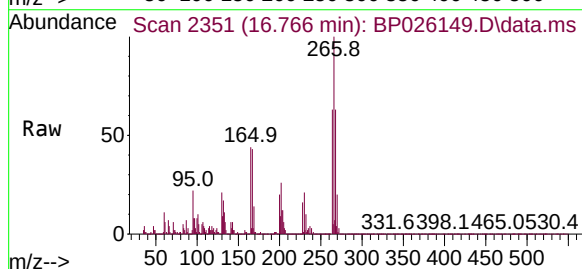
Tgt Ion:266 Resp: 870320

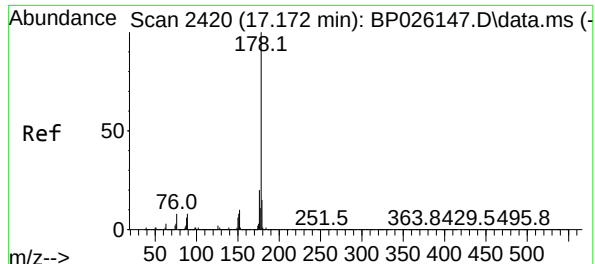
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.4

264 63.5 50.2 75.2





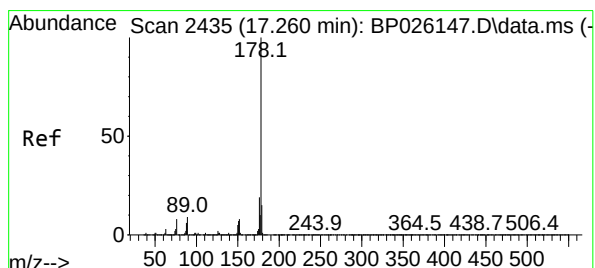
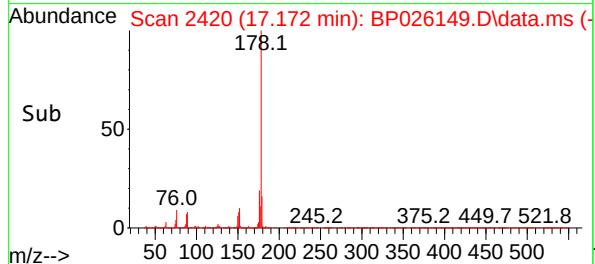
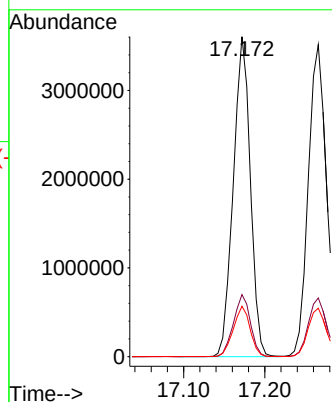
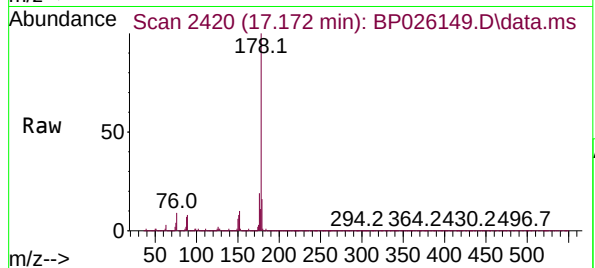
#71
Phenanthrene
Concen: 57.751 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 5259509
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.7 12.4 18.6

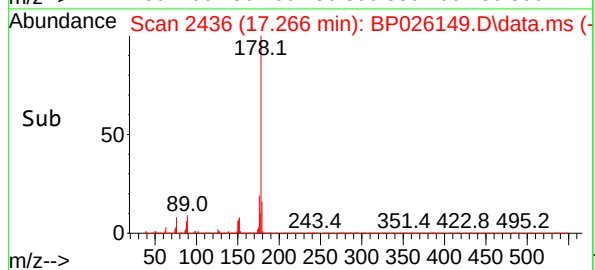
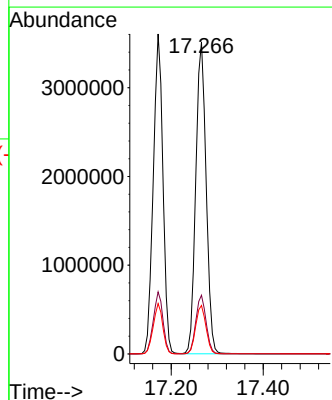
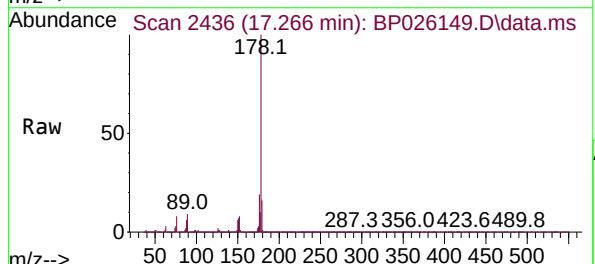
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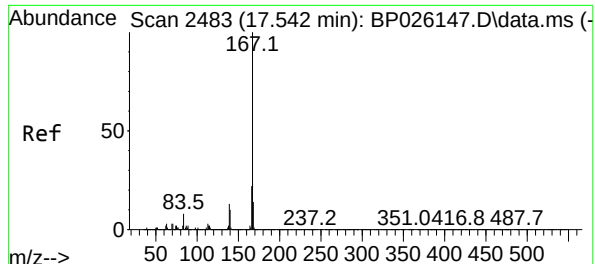
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 58.894 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

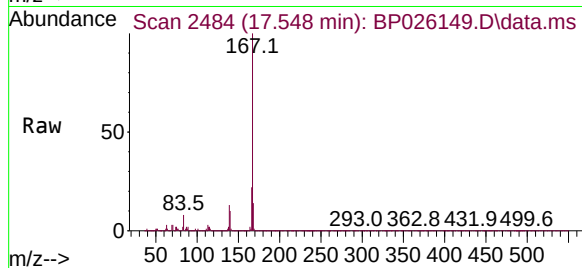
Tgt Ion:178 Resp: 5478029
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.5 12.2 18.4





#73
Carbazole
Concen: 57.610 ng
RT: 17.548 min Scan# 2484
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

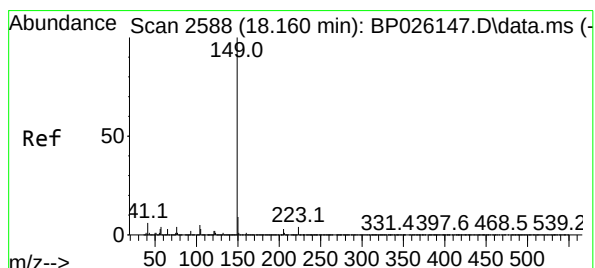
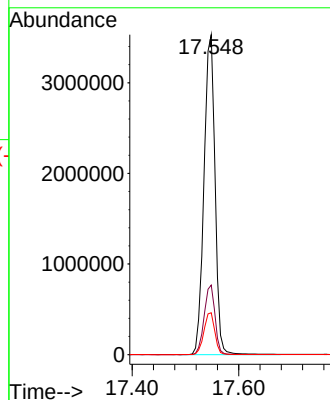
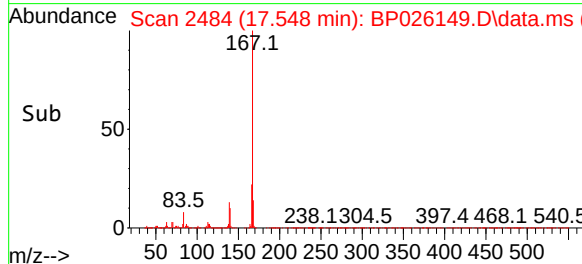
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:167 Resp: 506947
Ion Ratio Lower Upper
167 100
166 21.7 17.1 25.7
139 13.1 10.2 15.4

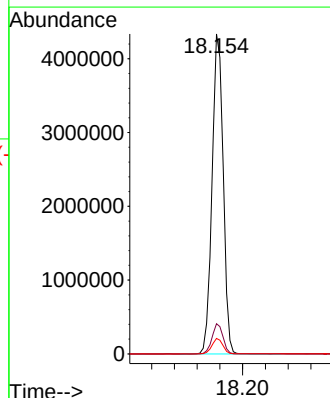
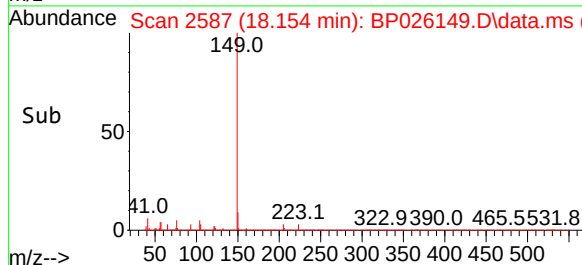
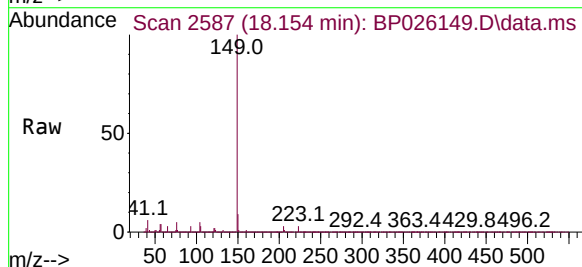
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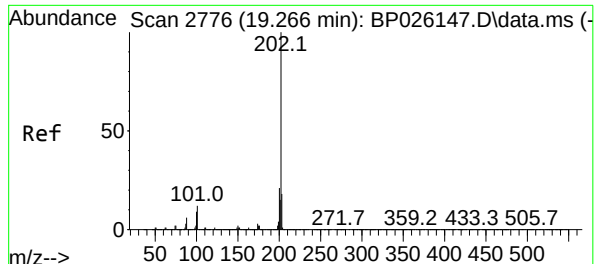
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#74
Di-n-butylphthalate
Concen: 56.562 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

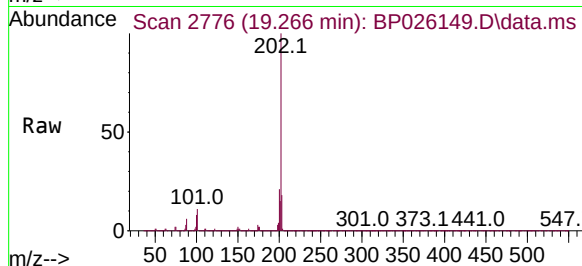
Tgt Ion:149 Resp: 5907343
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 57.206 ng
RT: 19.266 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

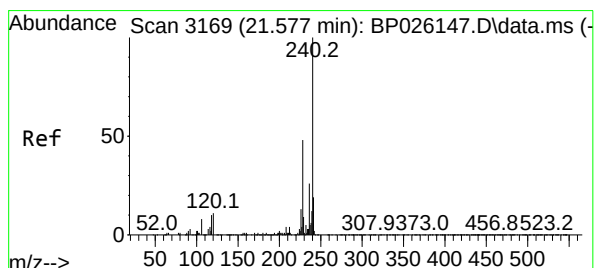
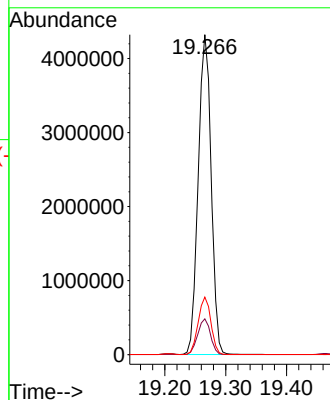
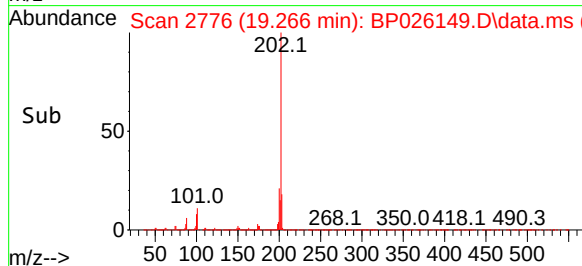
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion:202 Resp: 636761
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 18.0 0.0 37.7

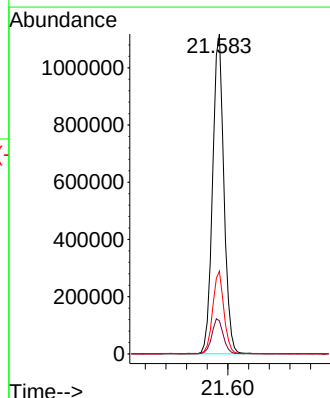
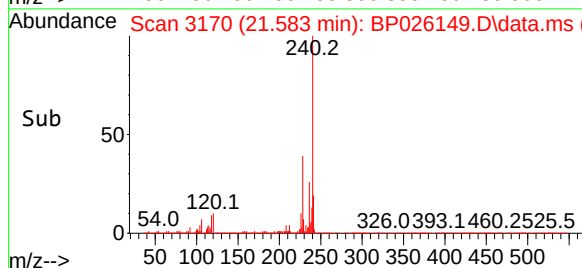
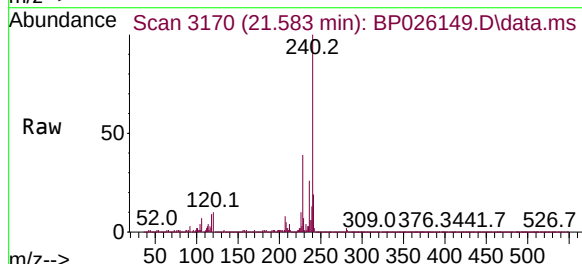
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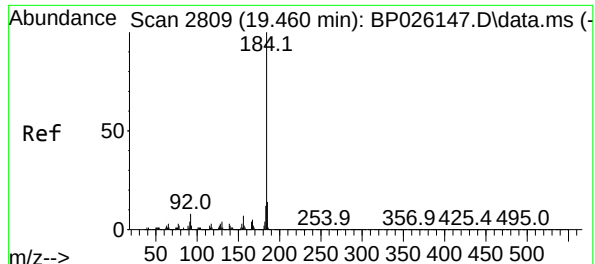
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:240 Resp: 1696557
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 25.9 20.4 30.6





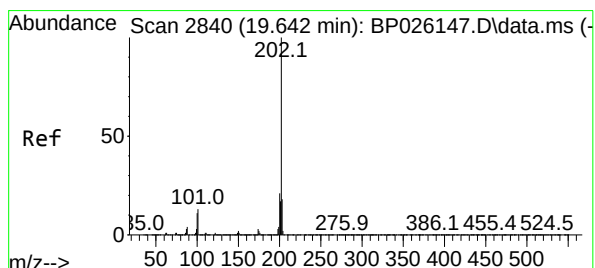
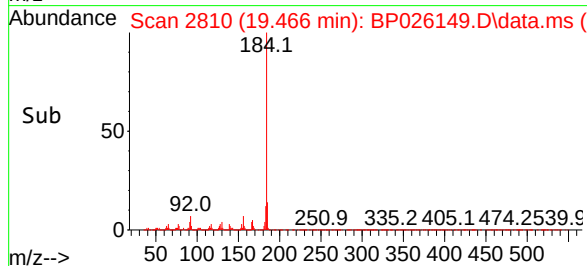
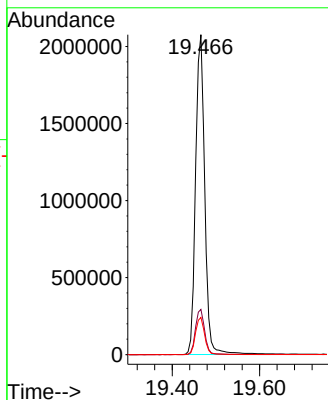
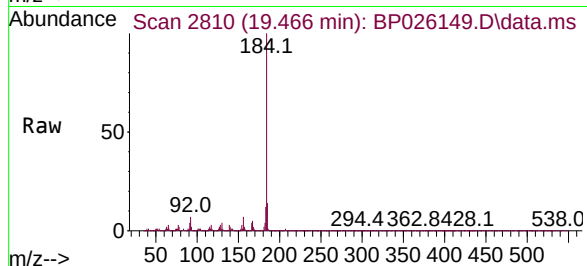
#77
Benzidine
Concen: 57.876 ng
RT: 19.466 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 3022349
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.6 9.0 13.6

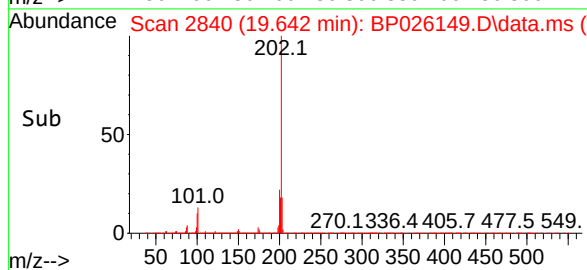
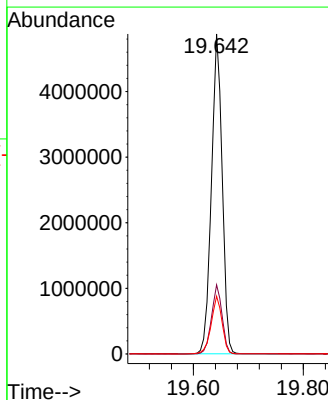
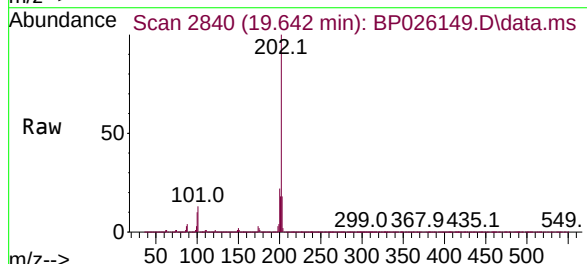
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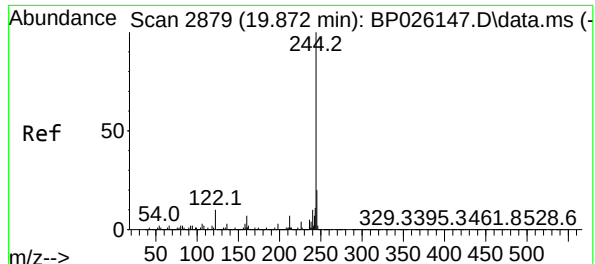
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 59.952 ng
RT: 19.642 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:202 Resp: 6627085
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.0 13.8 20.8





#79

Terphenyl-d14

Concen: 112.262 ng

RT: 19.872 min Scan# 2879

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:244 Resp: 933964

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

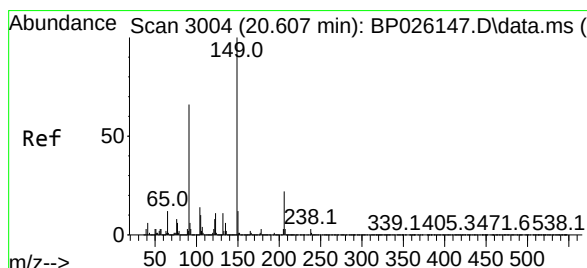
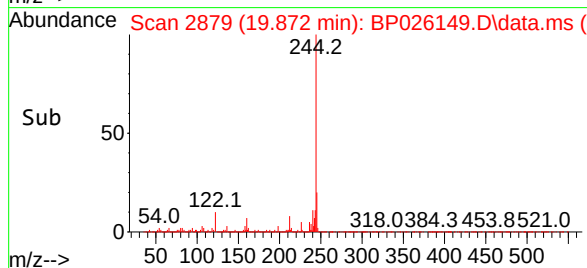
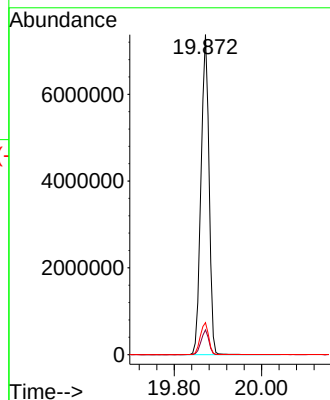
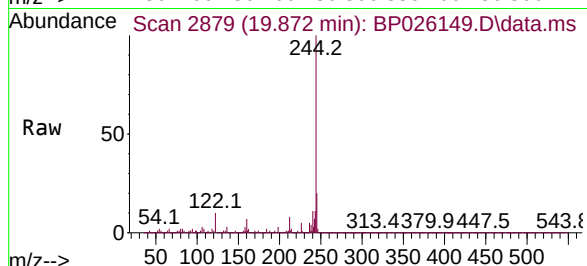
122 10.0 8.2 12.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#80

Butylbenzylphthalate

Concen: 57.369 ng

RT: 20.607 min Scan# 3004

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

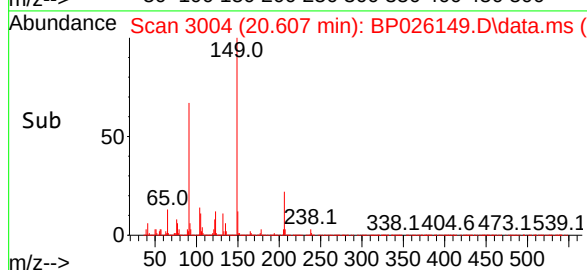
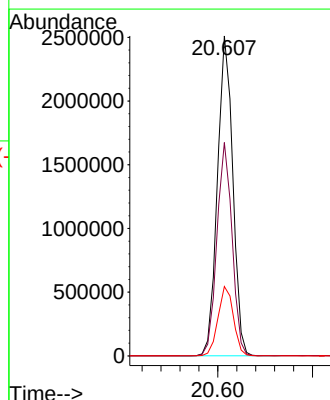
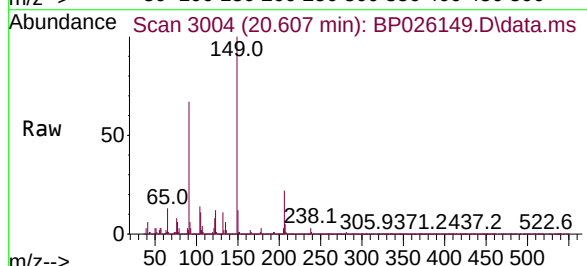
Tgt Ion:149 Resp: 2824354

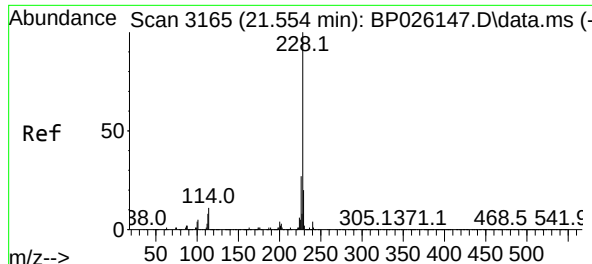
Ion Ratio Lower Upper

149 100

91 66.7 52.6 79.0

206 21.7 16.9 25.3





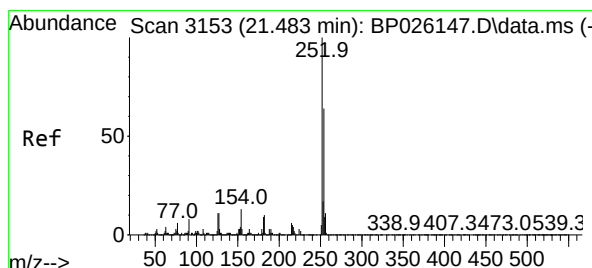
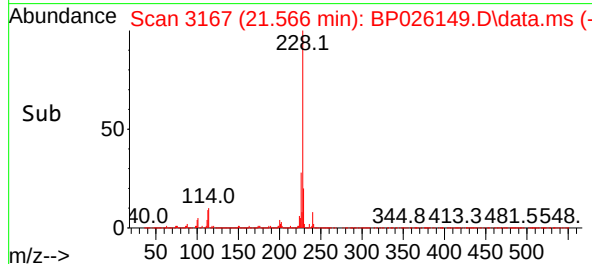
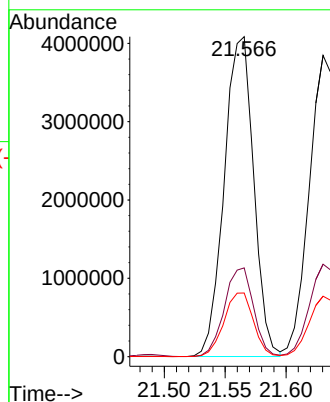
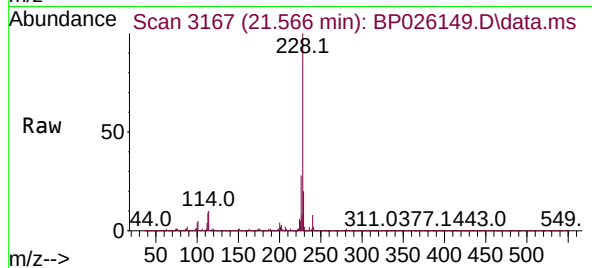
#81
Benzo(a)anthracene
Concen: 59.071 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 6873070
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 19.9 15.9 23.9

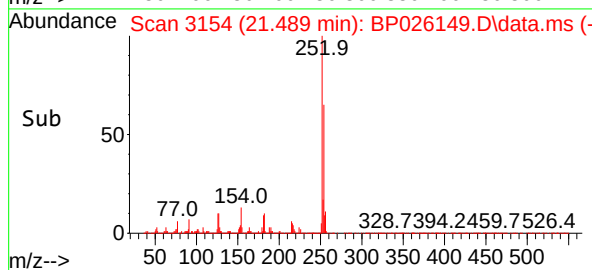
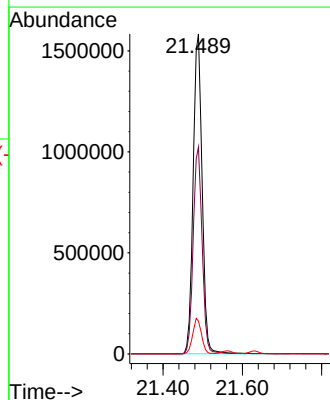
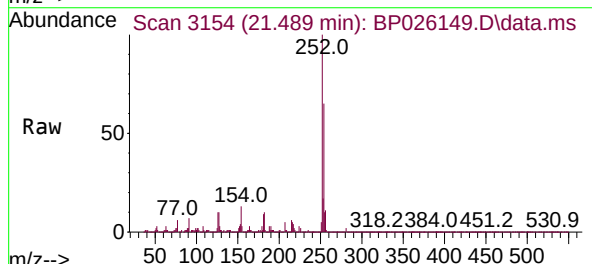
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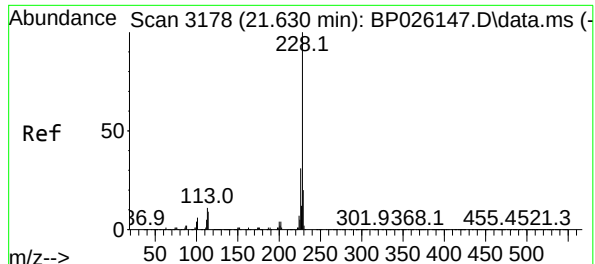
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 59.050 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.000 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion:252 Resp: 2496806
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 10.3 8.2 12.4





#83

Chrysene

Concen: 59.444 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:228 Resp: 651165

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

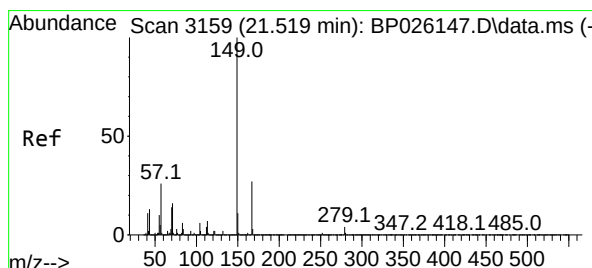
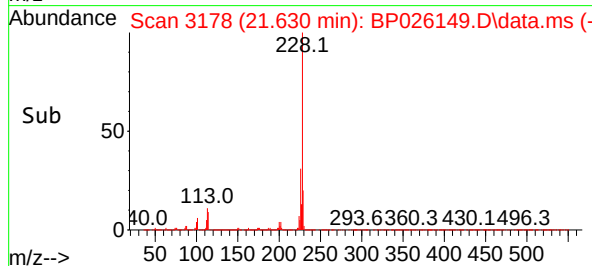
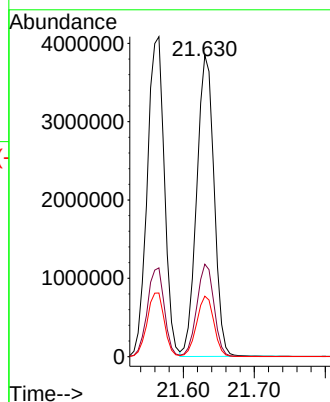
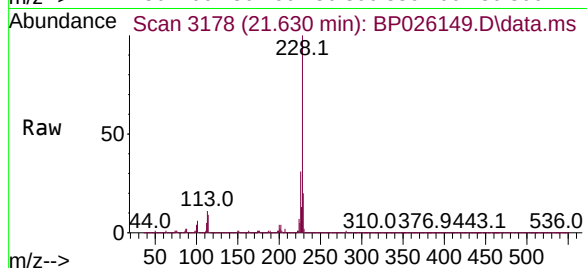
229 20.1 15.9 23.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.063 ng

RT: 21.525 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

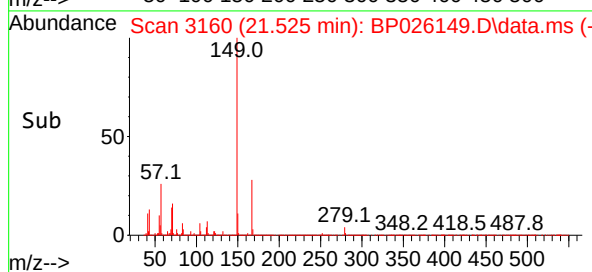
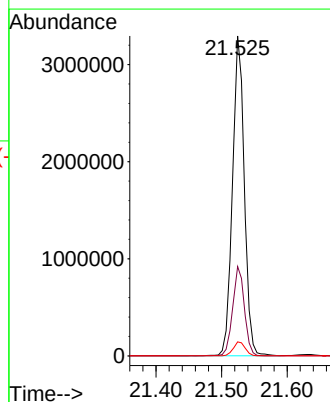
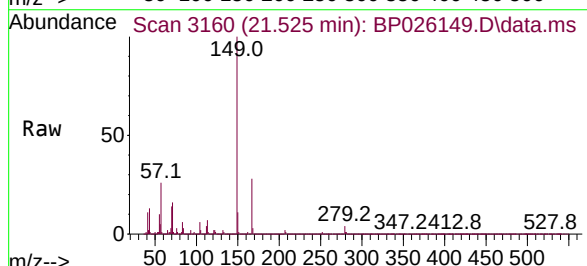
Tgt Ion:149 Resp: 4143037

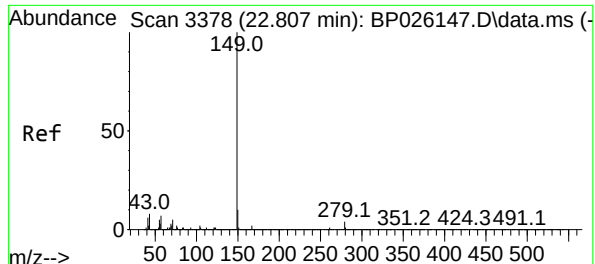
Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

279 4.4 3.3 4.9





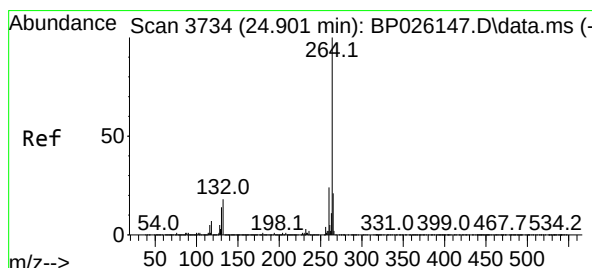
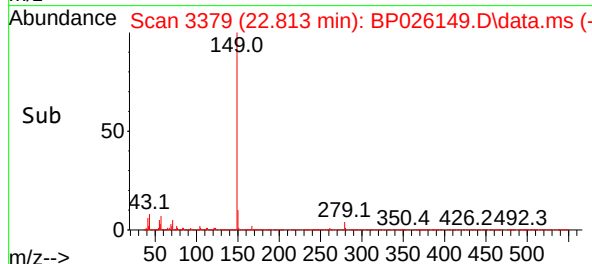
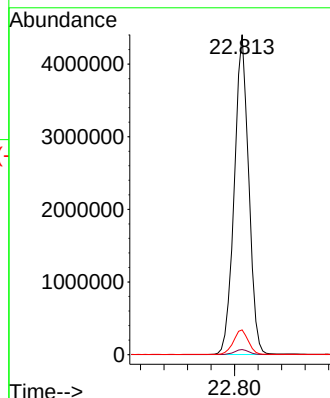
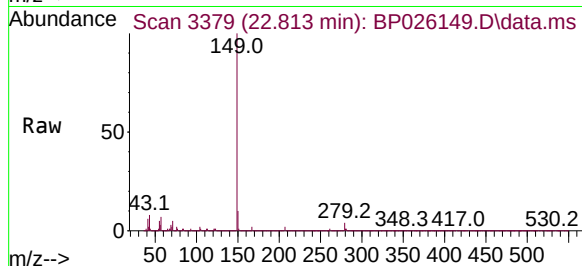
#85
Di-n-octyl phthalate
Concen: 57.415 ng
RT: 22.813 min Scan# 3378
Delta R.T. 0.006 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 7466824
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.9 6.6 10.0

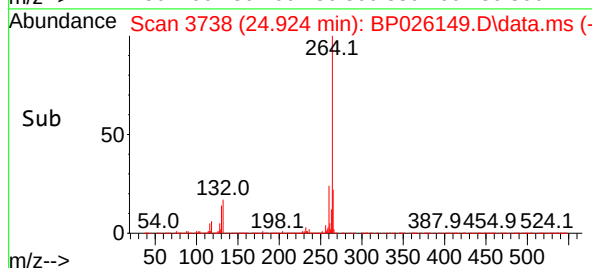
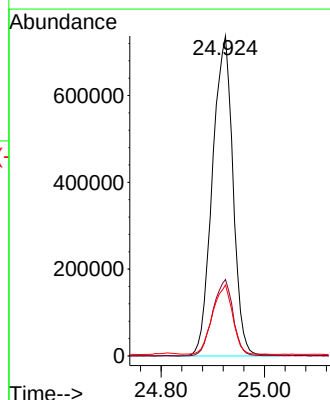
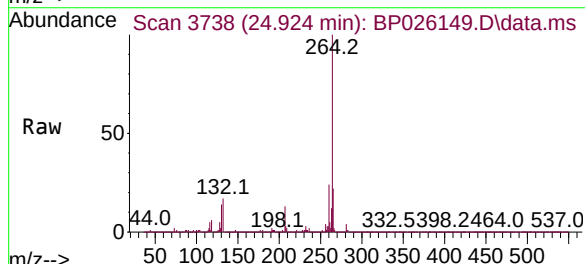
Manual Integrations
APPROVED

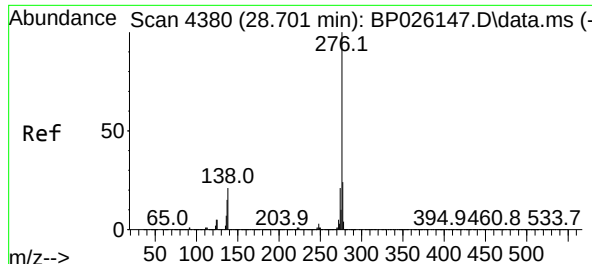
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.924 min Scan# 3738
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

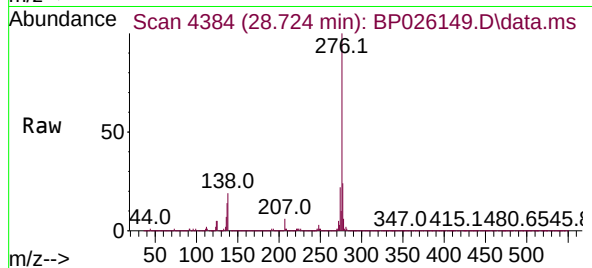
Tgt Ion:264 Resp: 2032089
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.2 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.647 ng m
RT: 28.724 min Scan# 4380
Delta R.T. 0.018 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

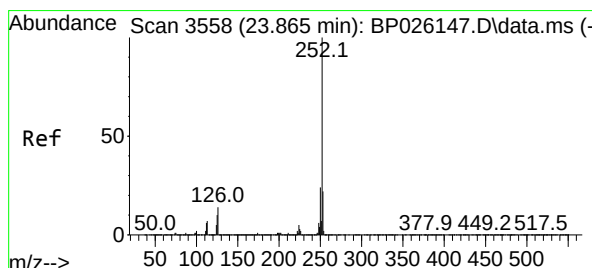
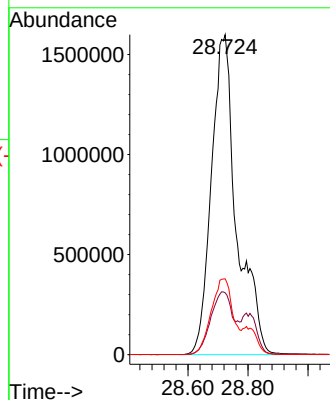
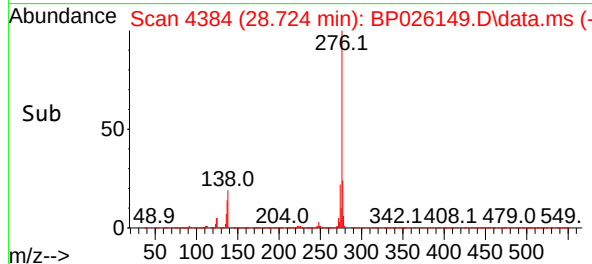
Instrument :
BNA_P
ClientSampleId :
SSTDICC060



Tgt Ion: 276 Resp: 9332480
Ion Ratio Lower Upper
276 100
138 17.8 13.8 20.8
277 20.5 16.7 25.1

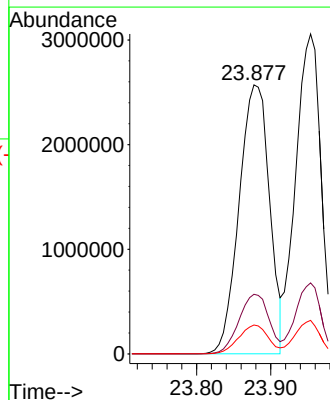
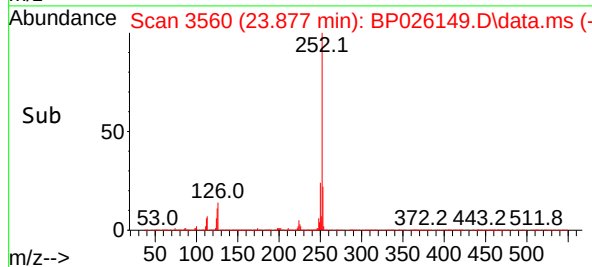
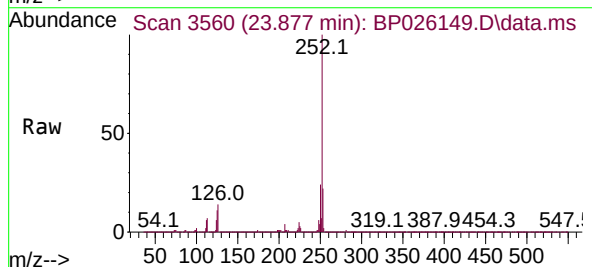
Manual Integrations
APPROVED

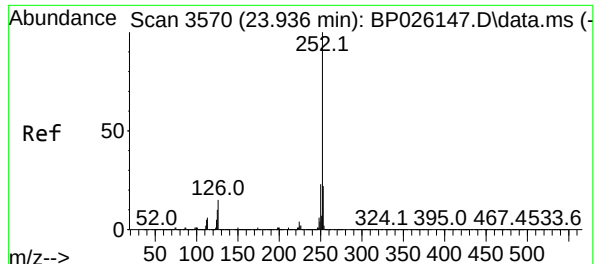
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#88
Benzo(b)fluoranthene
Concen: 59.218 ng
RT: 23.877 min Scan# 3560
Delta R.T. 0.012 min
Lab File: BP026149.D
Acq: 18 Nov 2025 20:00

Tgt Ion: 252 Resp: 7316006
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 58.835 ng

RT: 23.954 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:252 Resp: 7264550

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

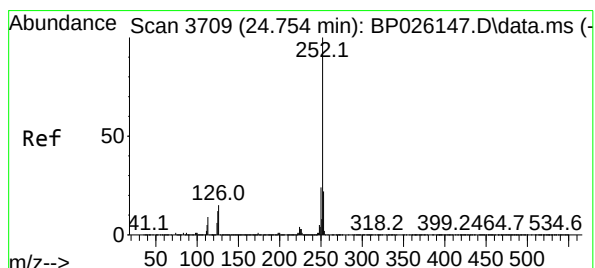
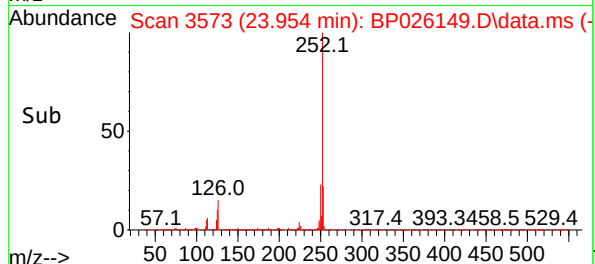
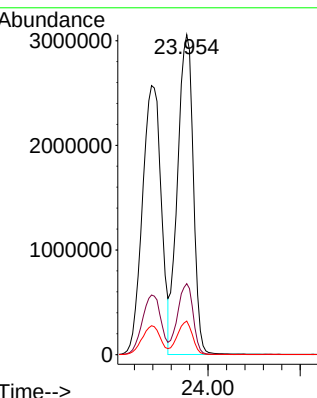
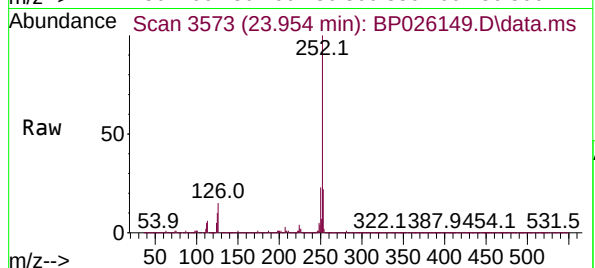
125 10.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 59.626 ng

RT: 24.765 min Scan# 3711

Delta R.T. 0.012 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

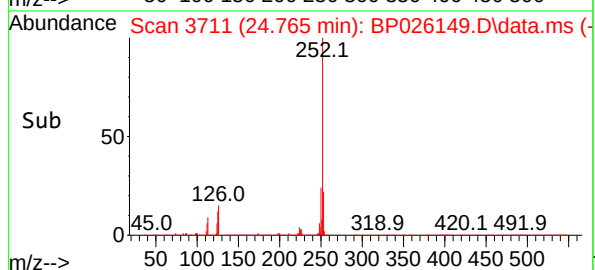
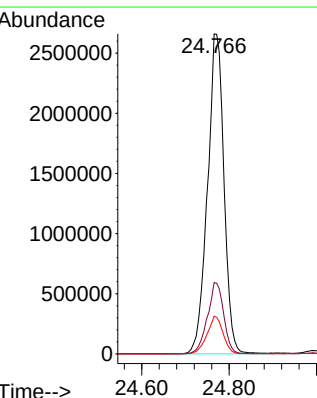
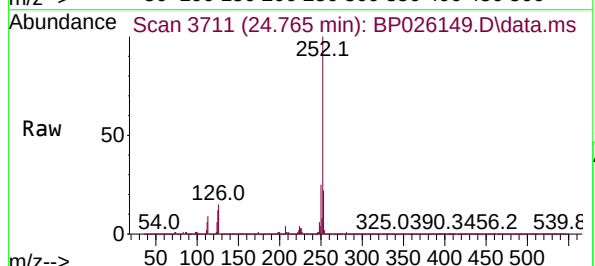
Tgt Ion:252 Resp: 6987741

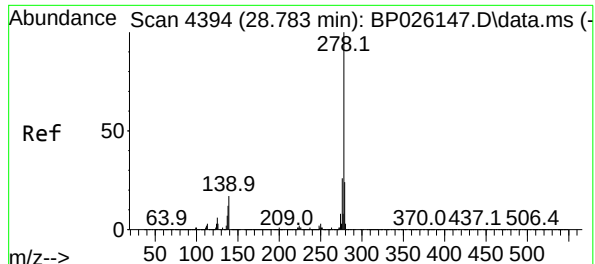
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 11.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 61.180 ng

RT: 28.795 min Scan# 4396

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion:278 Resp: 7590692

Ion Ratio Lower Upper

278 100

139 15.8 13.2 19.8

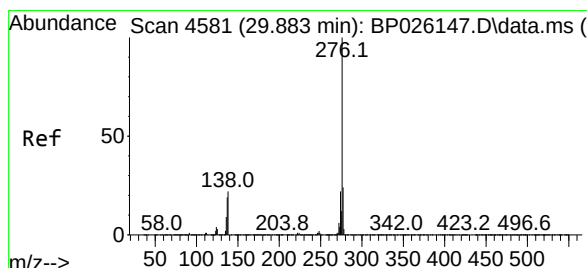
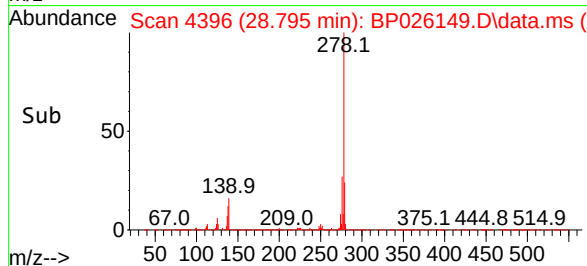
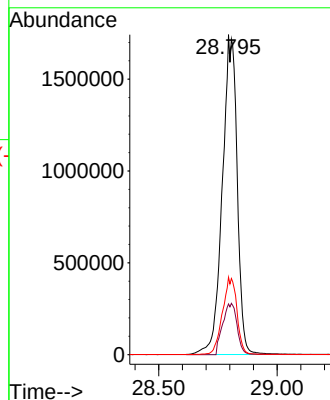
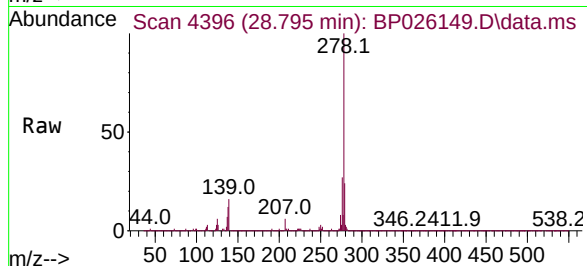
279 24.2 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#92

Benzo(g,h,i)perylene

Concen: 61.561 ng

RT: 29.883 min Scan# 4581

Delta R.T. 0.000 min

Lab File: BP026149.D

Acq: 18 Nov 2025 20:00

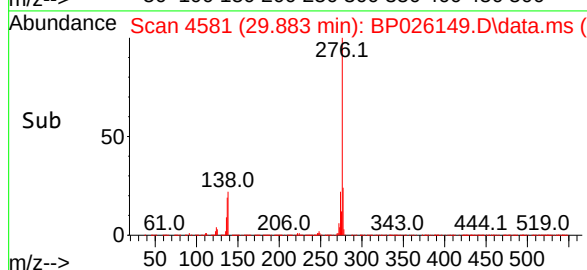
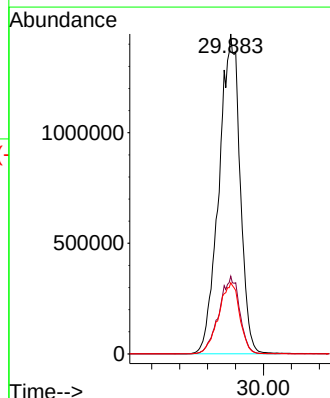
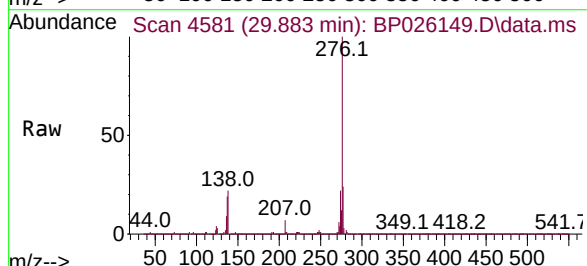
Tgt Ion:276 Resp: 7581255

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 22.2 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026150.D
 Acq On : 18 Nov 2025 21:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:06:38 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	345750	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1443668	20.000	ng	-0.01
39) Acenaphthene-d10	14.319	164	916253	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1816815	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1872355	20.000	ng	0.01
86) Perylene-d12	24.907	264	2234365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	3442714	159.776	ng	0.00
7) Phenol-d6	6.855	99	4415130	160.812	ng	0.00
23) Nitrobenzene-d5	8.819	82	4033252	158.440	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1917042	161.460	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	9156268	145.791	ng	0.00
79) Terphenyl-d14	19.866	244	12964447	141.200	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.225	88	682656	77.877	ng	Qvalue 99
3) Pyridine	3.619	79	2016163	79.785	ng	98
4) n-Nitrosodimethylamine	3.525	42	746299	79.241	ng	97
6) Aniline	7.008	93	2927759	80.951	ng	99
8) 2-Chlorophenol	7.249	128	2009119	81.986	ng	99
9) Benzaldehyde	6.819	77	930739	78.716	ng	99
10) Phenol	6.884	94	2391614	80.950	ng	99
11) bis(2-Chloroethyl)ether	7.108	93	1867638	81.013	ng	99
12) 1,3-Dichlorobenzene	7.566	146	2099884	79.578	ng	100
13) 1,4-Dichlorobenzene	7.708	146	2115552	79.609	ng	99
14) 1,2-Dichlorobenzene	8.019	146	2024908	79.210	ng	99
15) Benzyl Alcohol	7.907	79	1621861	80.734	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	2616851	80.284	ng	99
17) 2-Methylphenol	8.113	107	1634861	81.249	ng	100
18) Hexachloroethane	8.737	117	803419	82.952	ng	97
19) n-Nitroso-di-n-propyla...	8.478	70	1364163	79.788	ng	100
20) 3+4-Methylphenols	8.437	107	2230760	79.724	ng	99
22) Acetophenone	8.484	105	2844696	77.453	ng	# 99
24) Nitrobenzene	8.855	77	2043562	79.321	ng	99
25) Isophorone	9.384	82	4022278	79.581	ng	99
26) 2-Nitrophenol	9.560	139	1116252	85.938	ng	98
27) 2,4-Dimethylphenol	9.625	122	1863595	79.196	ng	100
28) bis(2-Chloroethoxy)met...	9.860	93	2515997	79.503	ng	99
29) 2,4-Dichlorophenol	10.090	162	1895607	80.853	ng	99
30) 1,2,4-Trichlorobenzene	10.302	180	1895013	79.315	ng	99
31) Naphthalene	10.490	128	6074938	77.497	ng	99
32) Benzoic acid	9.813	122	1646676	86.975	ng	99
33) 4-Chloroaniline	10.596	127	2640734	79.361	ng	99
34) Hexachlorobutadiene	10.784	225	1266129	81.448	ng	99
35) Caprolactam	11.401	113	653660	77.424	ng	98
36) 4-Chloro-3-methylphenol	11.731	107	1972354	79.070	ng	99
37) 2-Methylnaphthalene	12.107	142	4297114	77.446	ng	99
38) 1-Methylnaphthalene	12.331	142	4151377	76.467	ng	99
40) 1,2,4,5-Tetrachloroben...	12.484	216	2208451	79.984	ng	100
41) Hexachlorocyclopentadiene	12.466	237	1597193	88.626	ng	99
43) 2,4,6-Trichlorophenol	12.719	196	1541092	81.106	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026150.D
 Acq On : 18 Nov 2025 21:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:06:38 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	1713807	80.887	ng	99
46) 1,1'-Biphenyl	13.137	154	5350939	77.807	ng	100
47) 2-Chloronaphthalene	13.178	162	4259277	78.776	ng	100
48) 2-Nitroaniline	13.372	65	1240952	82.186	ng	99
49) Acenaphthylene	14.031	152	6984601	78.077	ng	99
50) Dimethylphthalate	13.772	163	5358389	78.482	ng	100
51) 2,6-Dinitrotoluene	13.890	165	1168229	86.521	ng	98
52) Acenaphthene	14.384	154	3961645	75.720	ng	99
53) 3-Nitroaniline	14.225	138	1328194	83.269	ng	97
54) 2,4-Dinitrophenol	14.419	184	762088	94.087	ng	96
55) Dibenzofuran	14.725	168	6063394	74.160	ng	99
56) 4-Nitrophenol	14.542	139	1160755	80.163	ng	98
57) 2,4-Dinitrotoluene	14.684	165	1681172	82.824	ng	99
58) Fluorene	15.389	166	4642250	71.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	1442428	80.377	ng	99
60) Diethylphthalate	15.172	149	5369309	77.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.389	204	2373384	73.978	ng	97
62) 4-Nitroaniline	15.413	138	1312938	78.639	ng	99
63) Azobenzene	15.689	77	4543203	78.140	ng	100
65) 4,6-Dinitro-2-methylph...	15.466	198	1027969	89.911	ng	95
66) n-Nitrosodiphenylamine	15.613	169	4431692	78.838	ng	99
67) 4-Bromophenyl-phenylether	16.301	248	1665615	82.958	ng	99
68) Hexachlorobenzene	16.419	284	1914891	82.547	ng	97
69) Atrazine	16.589	200	1724863	81.486	ng	99
70) Pentachlorophenol	16.772	266	1361754	83.671	ng	100
71) Phenanthrene	17.166	178	7901401	76.873	ng	99
72) Anthracene	17.266	178	8010628	76.308	ng	98
73) Carbazole	17.542	167	7481751	75.335	ng	98
74) Di-n-butylphthalate	18.154	149	9375432	79.539	ng	99
75) Fluoranthene	19.260	202	9351568	74.439	ng	99
77) Benzidine	19.466	184	3802265	65.974	ng	99
78) Pyrene	19.636	202	9565086	78.406	ng	98
80) Butylbenzylphthalate	20.607	149	4393302	80.859	ng	99
81) Benzo(a)anthracene	21.560	228	9949146	77.479	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	3556791	76.221	ng	99
83) Chrysene	21.630	228	9412347	77.856	ng	98
84) Bis(2-ethylhexyl)phtha...	21.519	149	6825162	83.686	ng	99
85) Di-n-octyl phthalate	22.807	149	11864727	82.666	ng	99
87) Indeno(1,2,3-cd)pyrene	28.712	276	13504257m	81.129	ng	
88) Benzo(b)fluoranthene	23.871	252	10544016	77.620	ng	99
89) Benzo(k)fluoranthene	23.942	252	10628665	78.288	ng	100
90) Benzo(a)pyrene	24.765	252	10207772	79.216	ng	99
91) Dibenzo(a,h)anthracene	28.801	278	11012037	80.721	ng	100
92) Benzo(g,h,i)perylene	29.906	276	11030115	81.458	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026150.D
Acq On : 18 Nov 2025 21:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

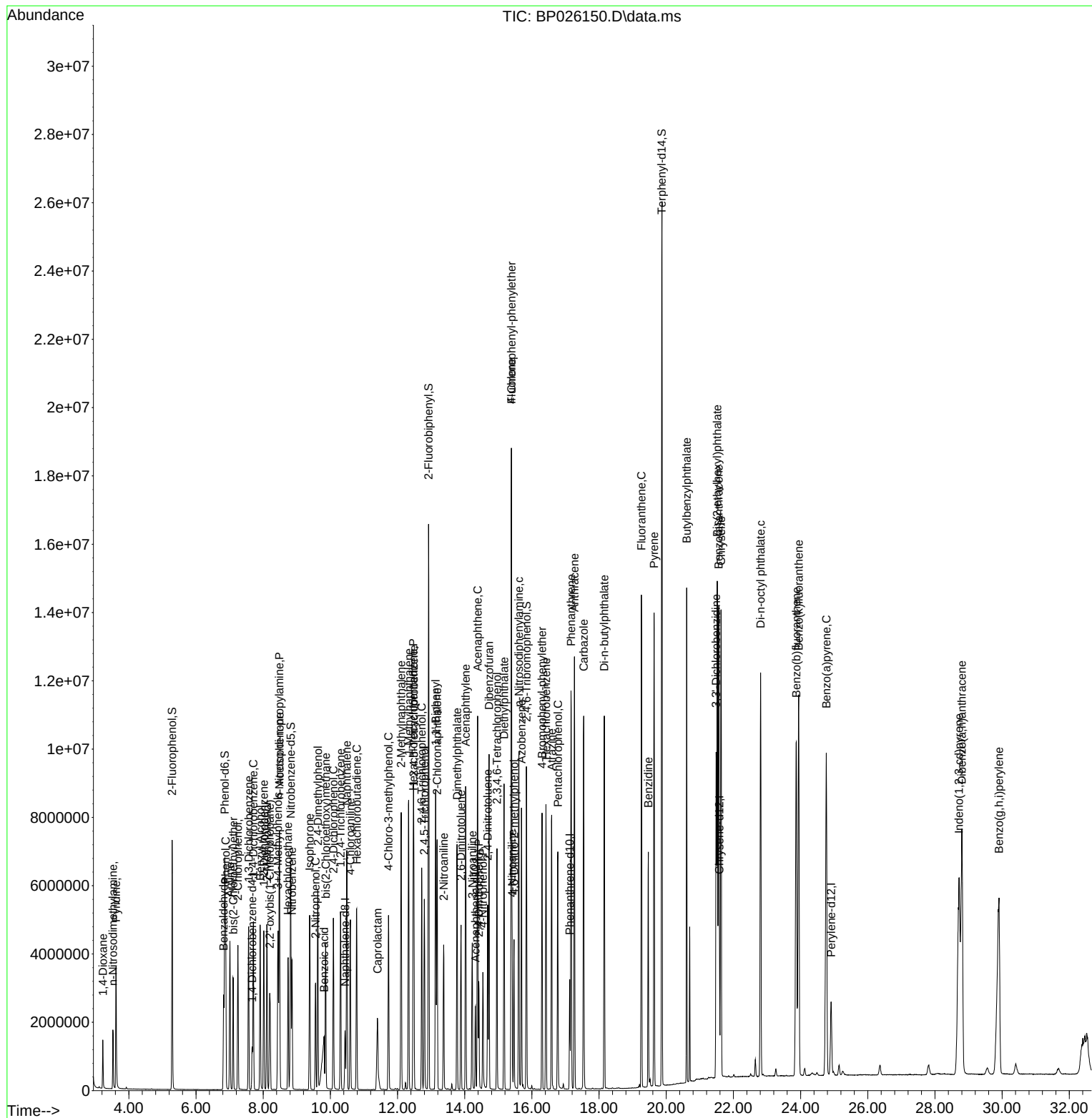
SSTDICC080

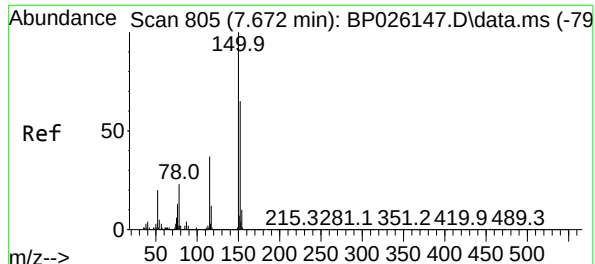
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:15:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:06:38 2025
Response via : Initial Calibration





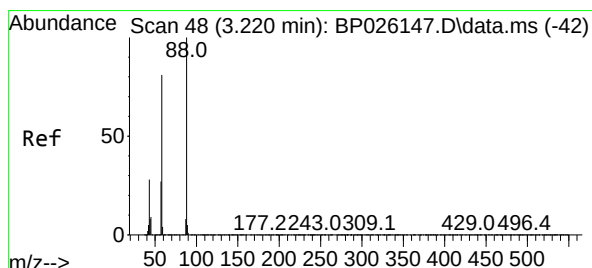
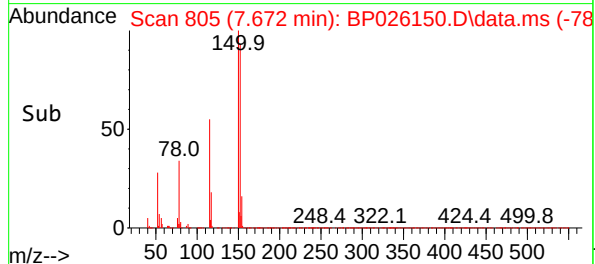
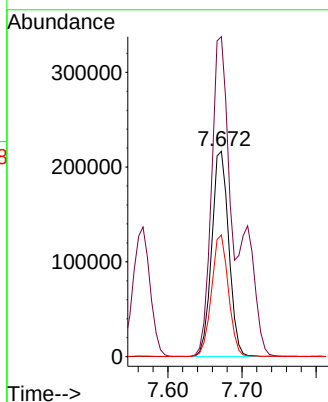
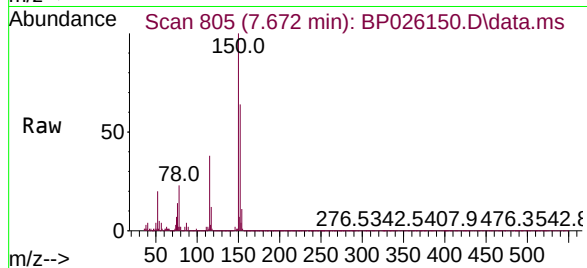
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
Client SampleId :
SSTDICC080

Tgt Ion: 152 Resp: 345750
Ion Ratio Lower Upper
152 100
150 155.8 123.0 184.6
115 59.3 46.3 69.5

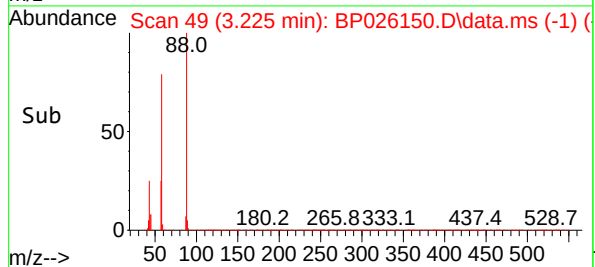
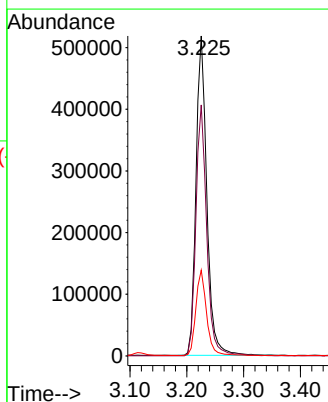
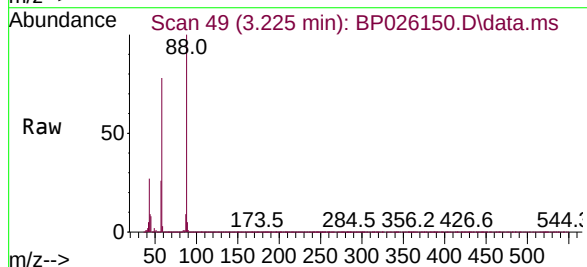
Manual Integrations
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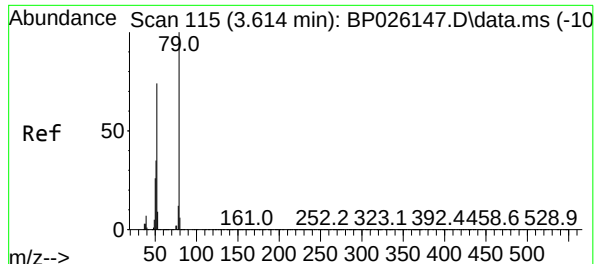
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 77.877 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

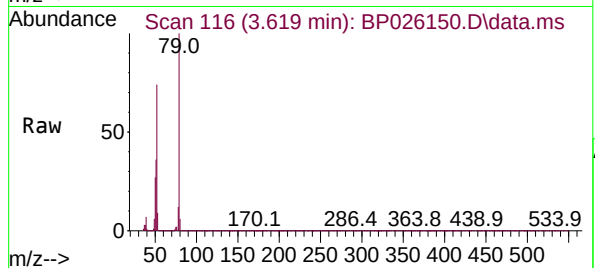
Tgt Ion: 88 Resp: 682656
Ion Ratio Lower Upper
88 100
58 78.9 64.2 96.4
43 26.6 21.5 32.3





#3
Pyridine
Concen: 79.785 ng
RT: 3.619 min Scan# 115
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

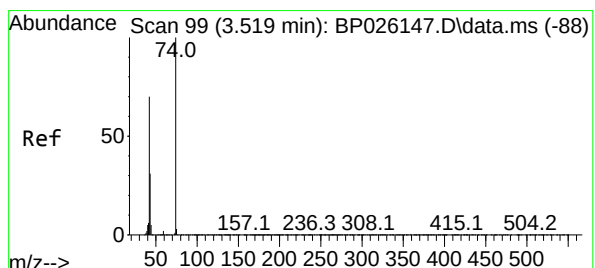
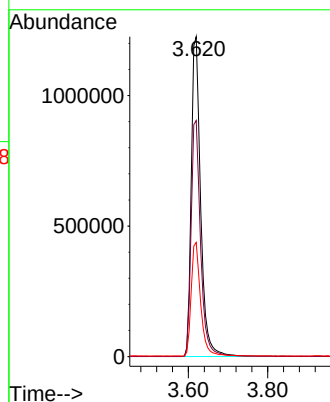
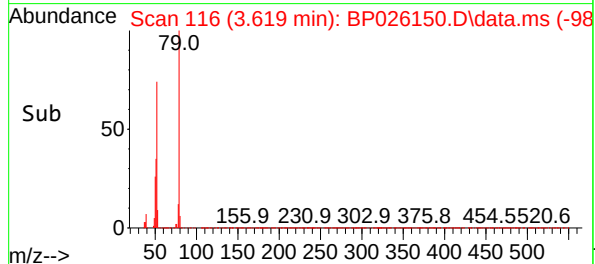
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 2016163
Ion Ratio Lower Upper
79 100
52 73.8 60.2 90.2
51 35.7 29.5 44.3

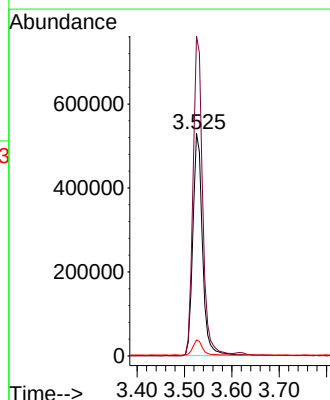
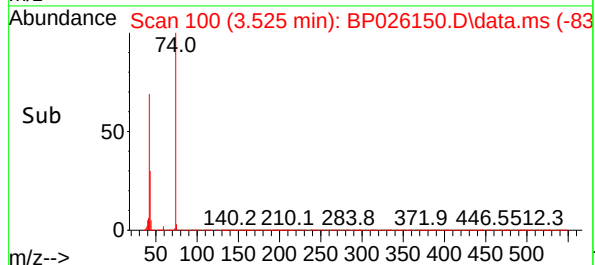
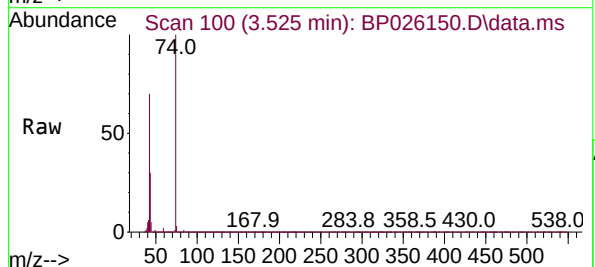
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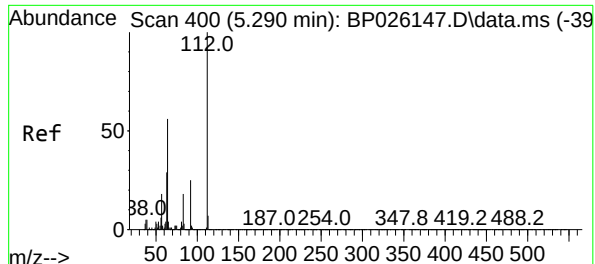
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#4
n-Nitrosodimethylamine
Concen: 79.241 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 42 Resp: 746299
Ion Ratio Lower Upper
42 100
74 143.8 118.1 177.1
44 7.1 6.2 9.4





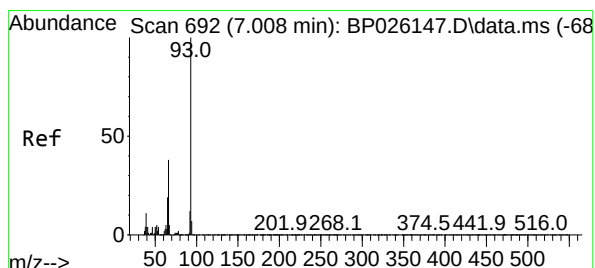
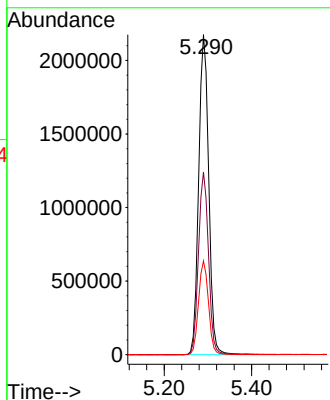
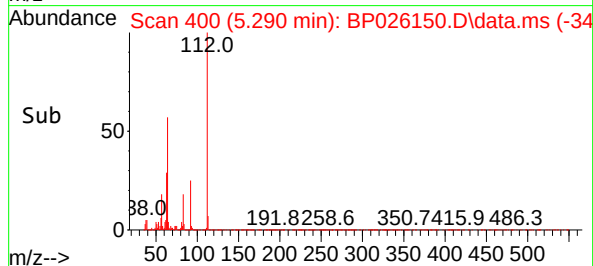
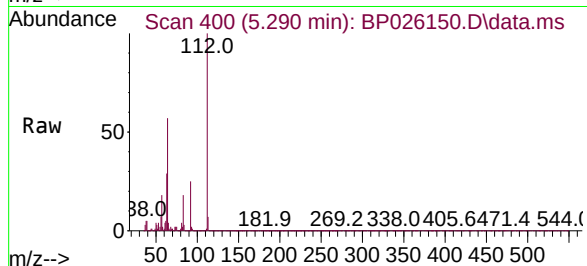
#5
2-Fluorophenol
Concen: 159.776 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 112 Resp: 3442714
Ion Ratio Lower Upper
112 100
64 57.1 45.8 68.6
63 29.3 23.5 35.3

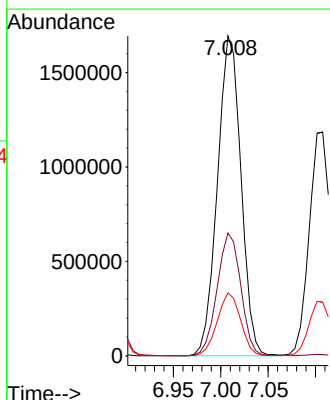
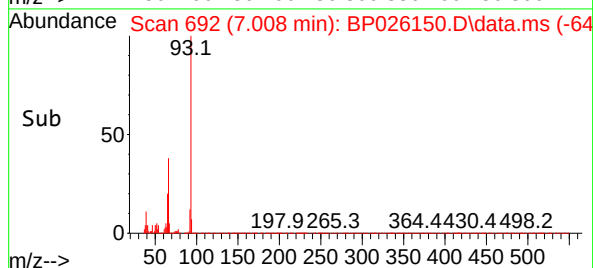
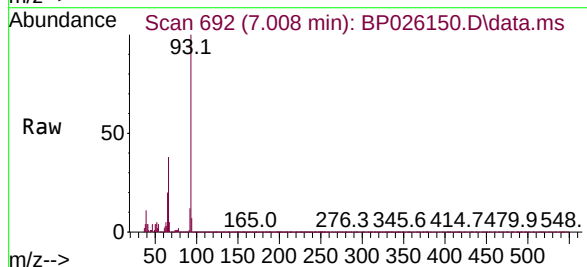
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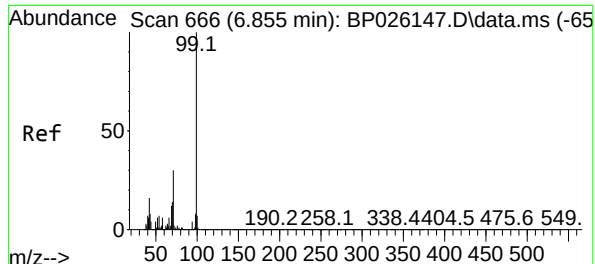
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 80.951 ng
RT: 7.008 min Scan# 692
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 93 Resp: 2927759
Ion Ratio Lower Upper
93 100
66 38.4 31.7 47.5
65 19.7 15.8 23.6





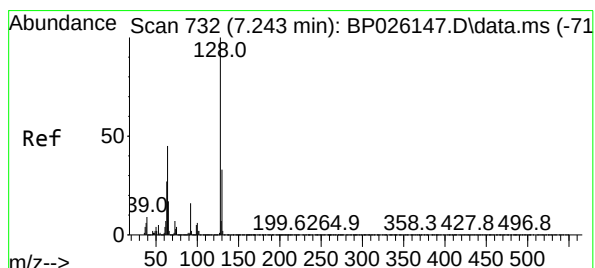
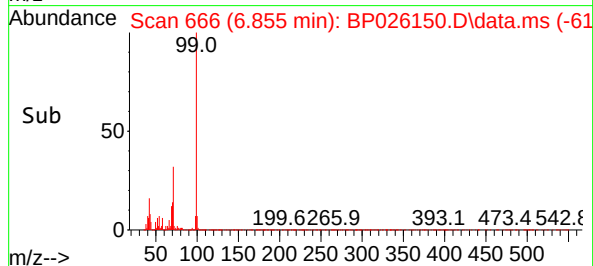
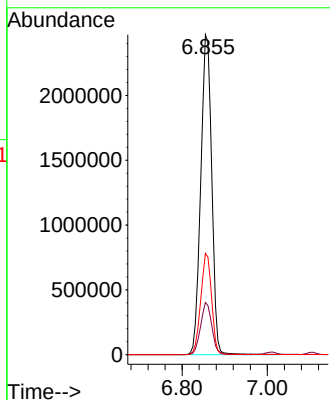
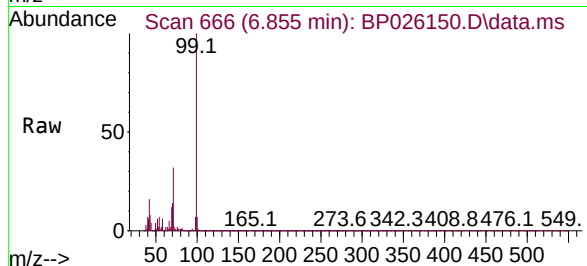
#7
Phenol-d6
Concen: 160.812 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 4415130
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 31.6 24.8 37.2

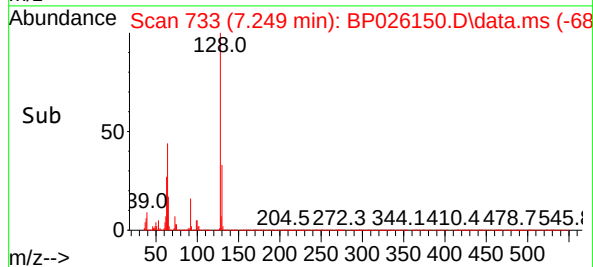
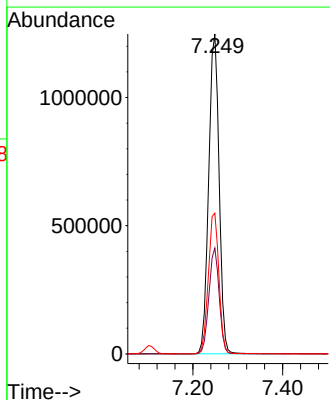
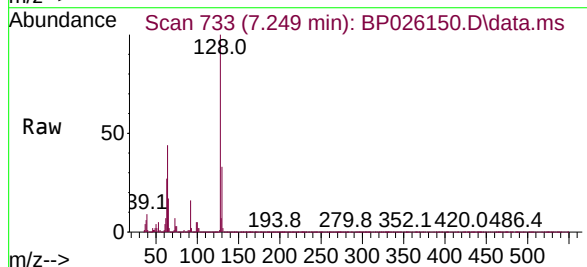
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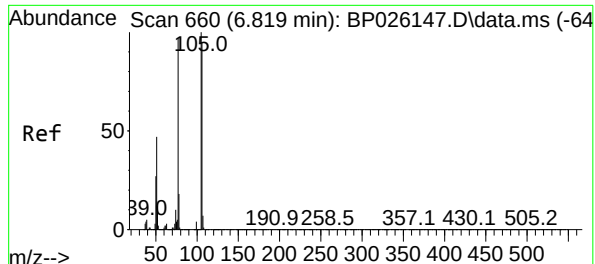
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#8
2-Chlorophenol
Concen: 81.986 ng
RT: 7.249 min Scan# 733
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:128 Resp: 2009119
Ion Ratio Lower Upper
128 100
130 33.1 12.4 52.4
64 44.0 23.9 63.9





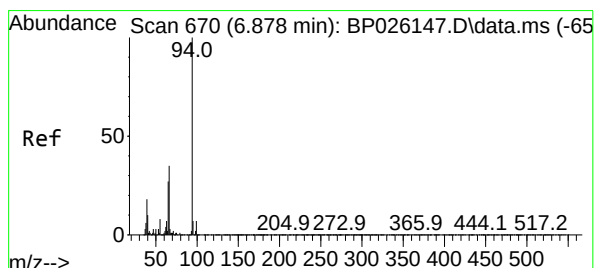
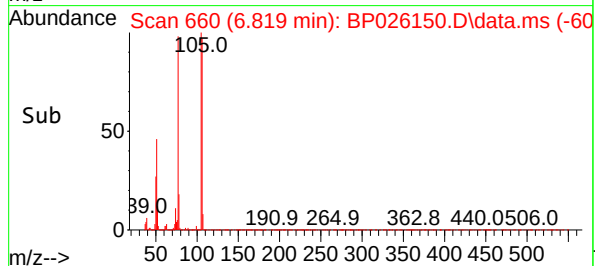
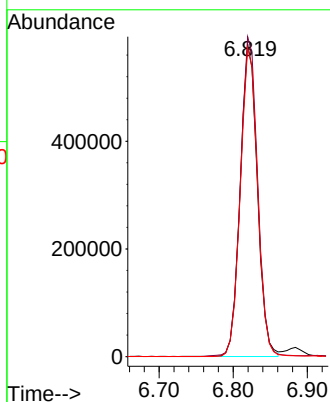
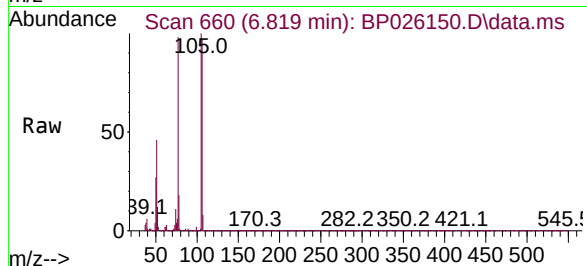
#9
Benzaldehyde
Concen: 78.716 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 930739
Ion Ratio Lower Upper
77 100
105 102.4 82.9 122.9
106 98.9 77.8 117.8

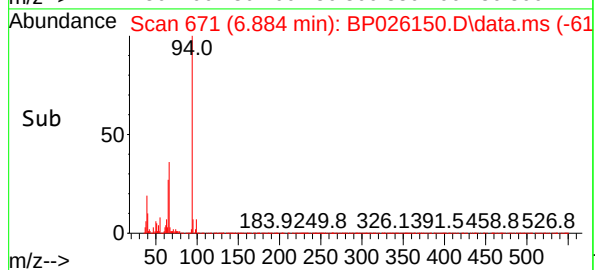
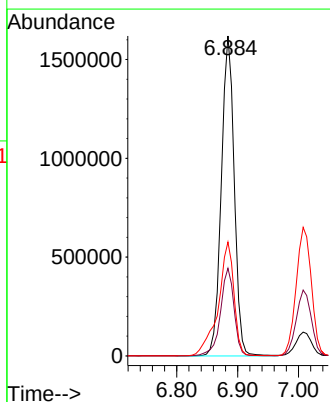
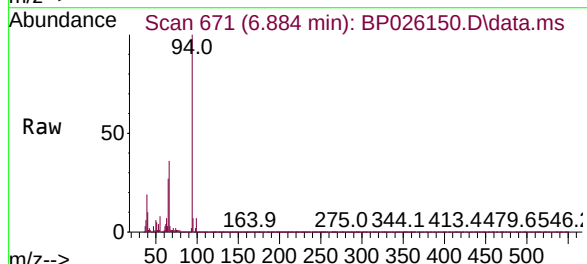
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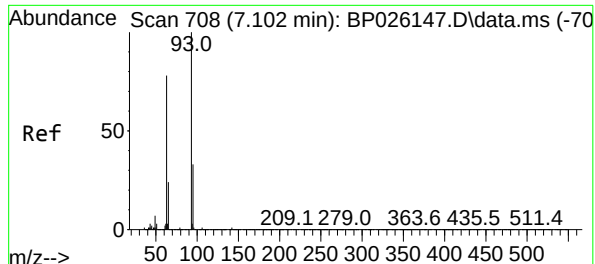
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#10
Phenol
Concen: 80.950 ng
RT: 6.884 min Scan# 671
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 94 Resp: 2391614
Ion Ratio Lower Upper
94 100
65 27.4 7.0 47.0
66 35.6 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 81.013 ng

RT: 7.108 min Scan# 708

Delta R.T. 0.012 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 1867638

Ion Ratio Lower Upper

93 100

63 77.4 58.8 98.8

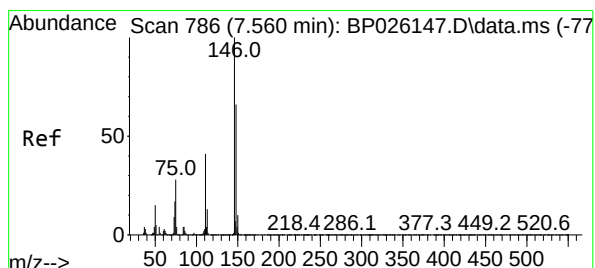
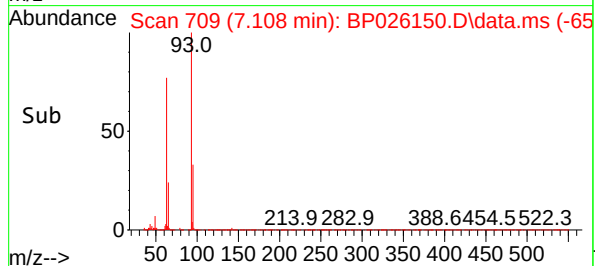
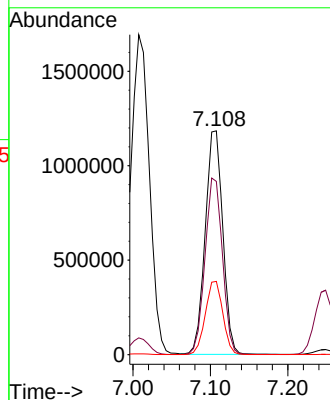
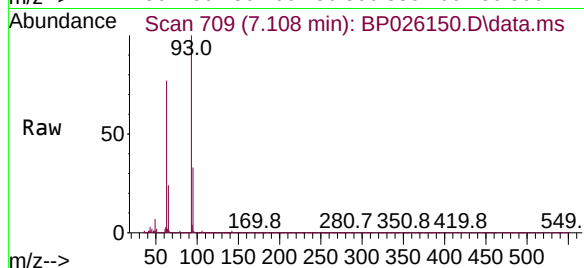
95 32.7 12.1 52.1

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 79.578 ng

RT: 7.566 min Scan# 787

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

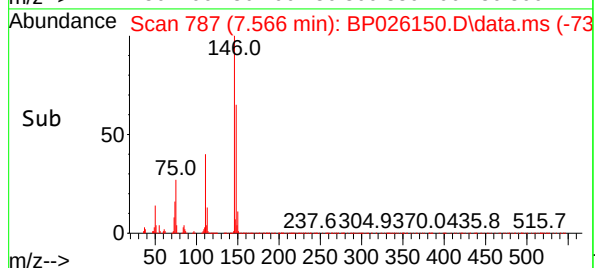
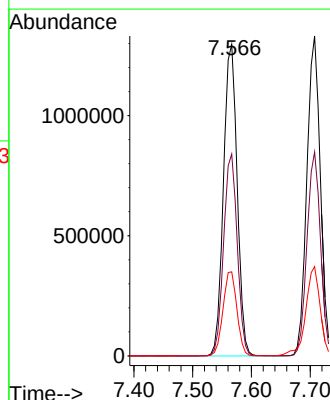
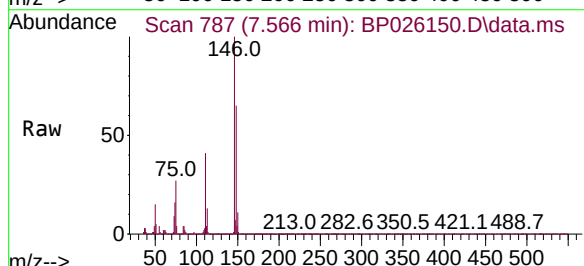
Tgt Ion:146 Resp: 2099884

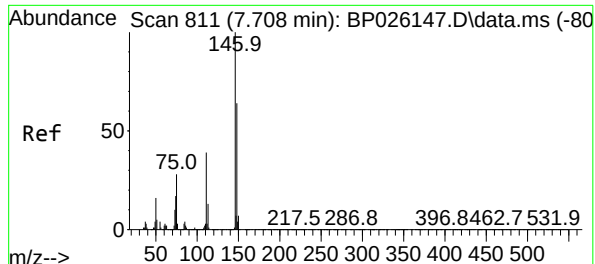
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 27.0 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 79.609 ng

RT: 7.708 min Scan# 811

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 211555

Ion Ratio Lower Upper

146 100

148 63.7 51.4 77.2

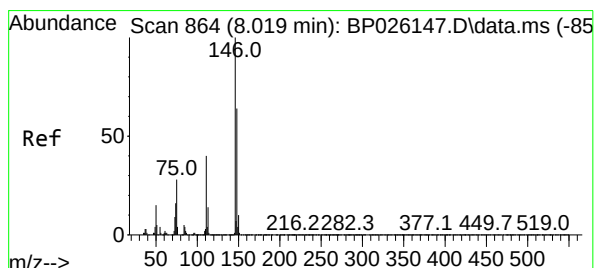
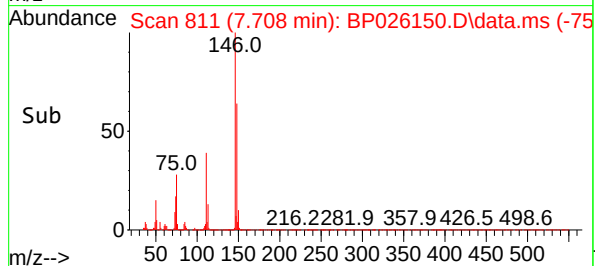
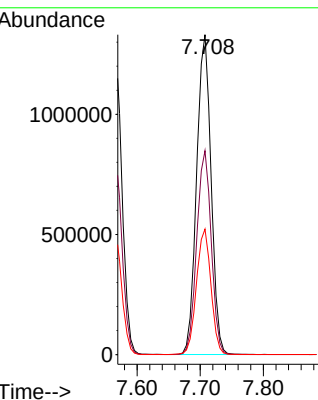
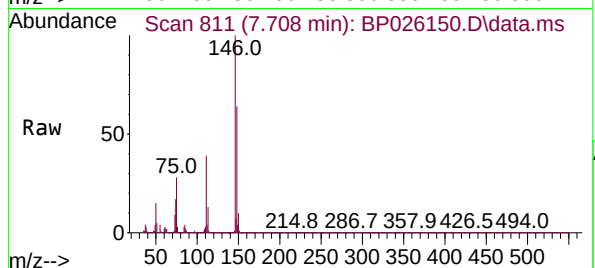
111 39.2 31.7 47.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 79.210 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

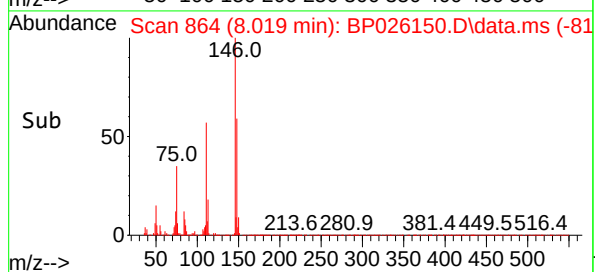
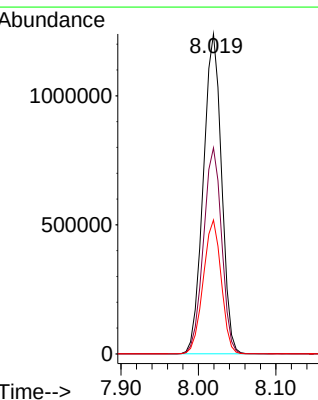
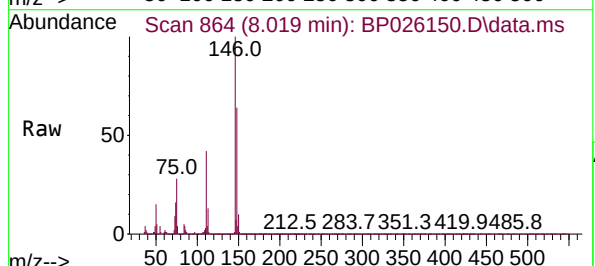
Tgt Ion:146 Resp: 2024908

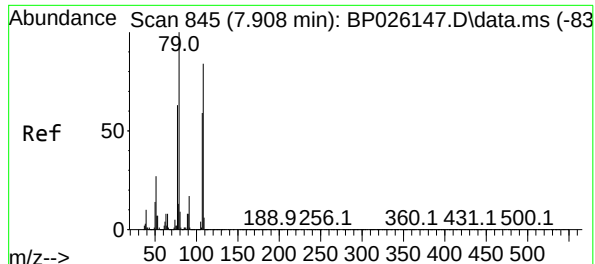
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 41.8 33.0 49.4





#15

Benzyl Alcohol

Concen: 80.734 ng

RT: 7.907 min Scan# 84

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 162186

Ion Ratio Lower Upper

79 100

108 81.6 66.2 99.4

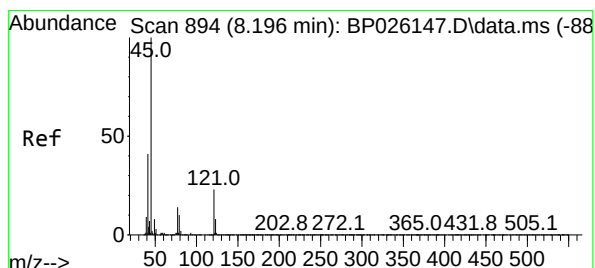
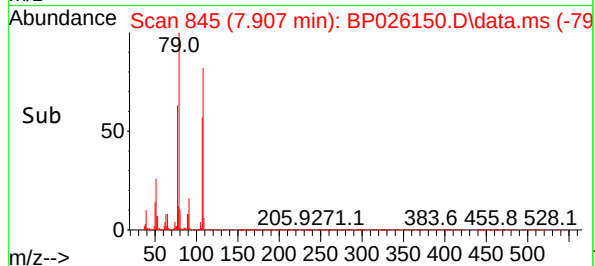
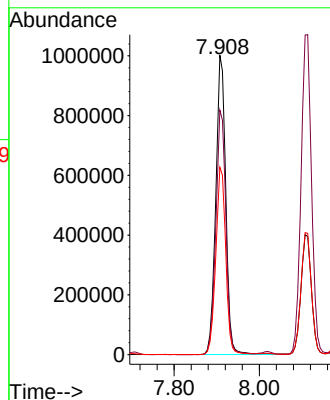
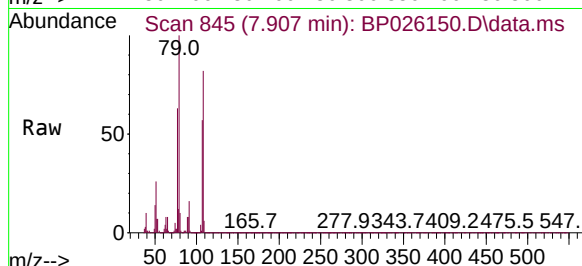
77 62.5 50.0 75.0

Manual Integrations

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Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 80.284 ng

RT: 8.196 min Scan# 894

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

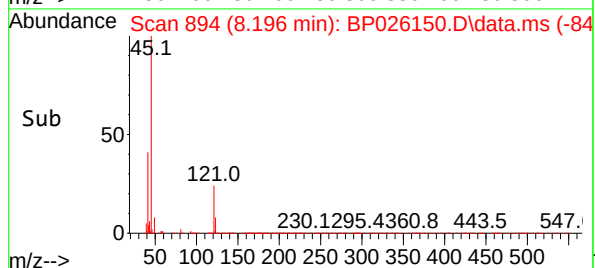
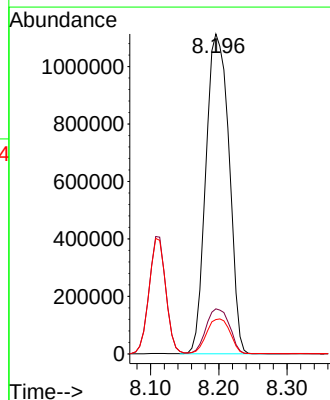
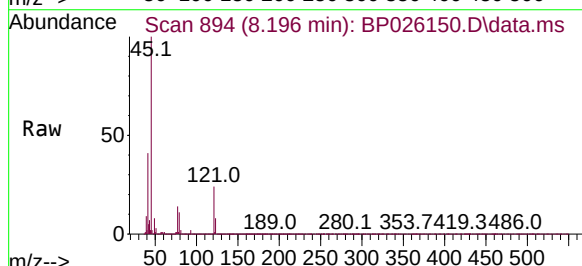
Tgt Ion: 45 Resp: 2616851

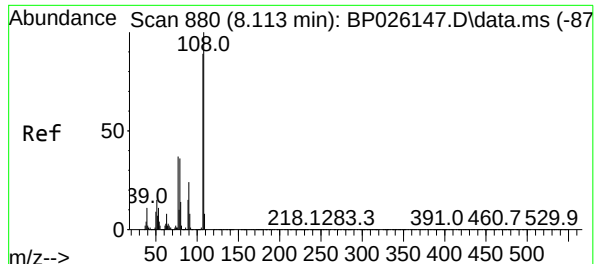
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.9

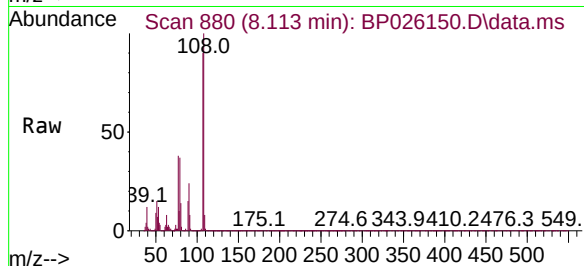
79 10.7 0.0 30.4





#17
2-Methylphenol
Concen: 81.249 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

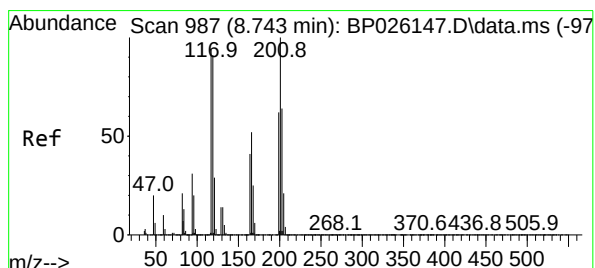
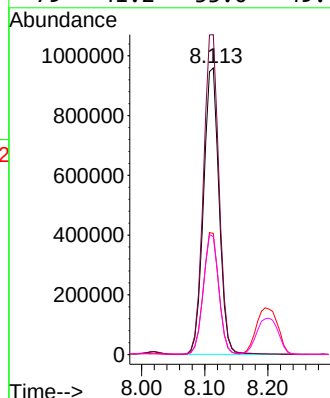
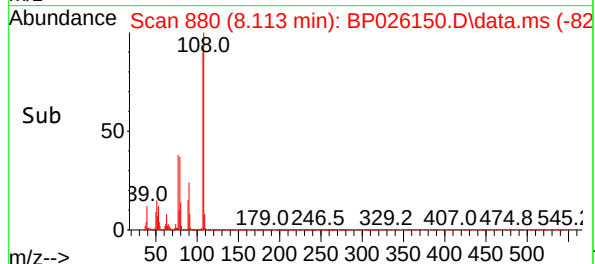
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



Tgt Ion:107 Resp: 163486
Ion Ratio Lower Upper
107 100
108 111.7 89.7 134.5
77 42.3 33.9 50.9
79 41.2 33.0 49.4

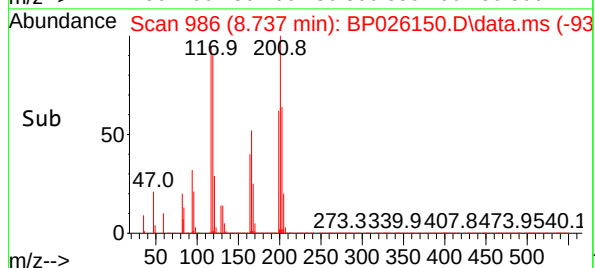
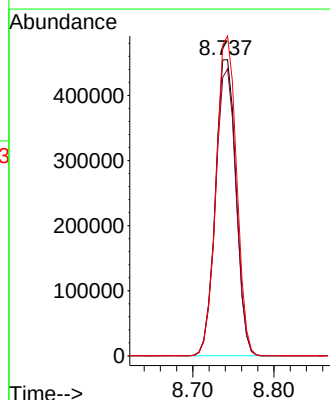
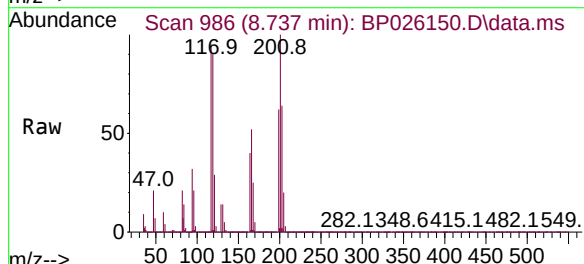
Manual Integrations
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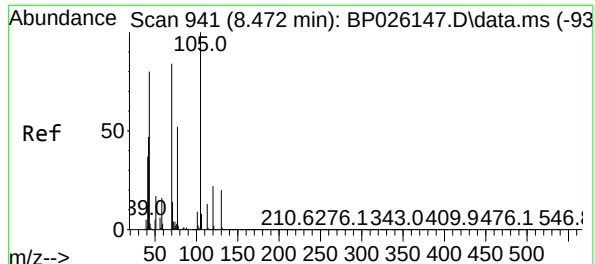
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#18
Hexachloroethane
Concen: 82.952 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:117 Resp: 803419
Ion Ratio Lower Upper
117 100
119 94.0 78.7 118.1
201 105.0 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 79.788 ng

RT: 8.478 min Scan# 941

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 1364163

Ion Ratio Lower Upper

70 100

42 54.9 44.1 66.1

101 10.4 8.2 12.4

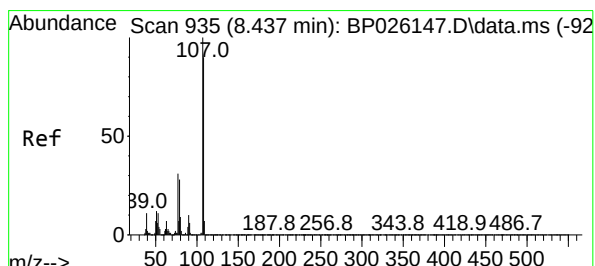
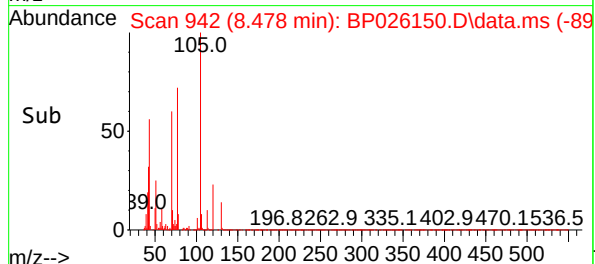
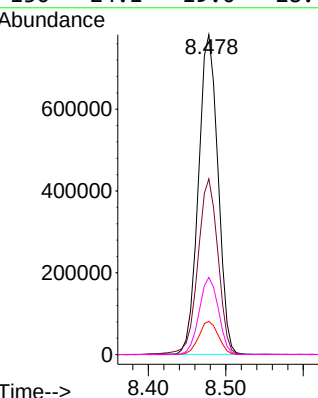
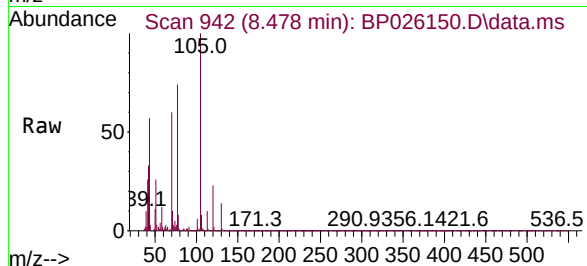
130 24.1 19.0 28.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 79.724 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Tgt Ion:107 Resp: 2230760

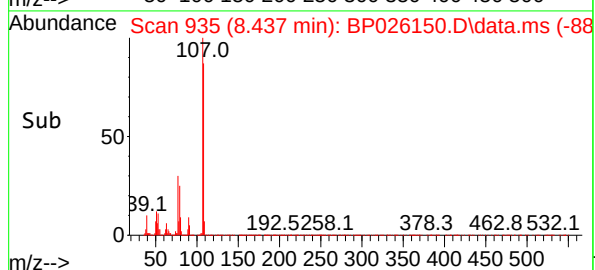
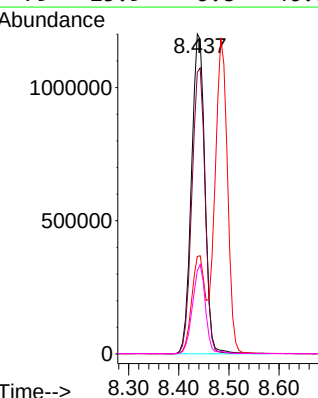
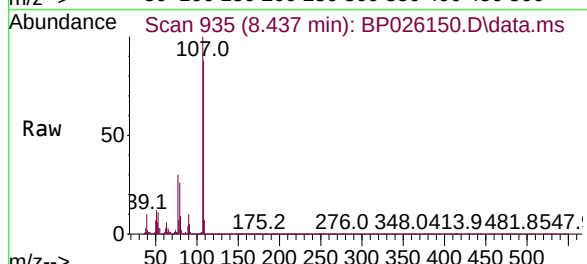
Ion Ratio Lower Upper

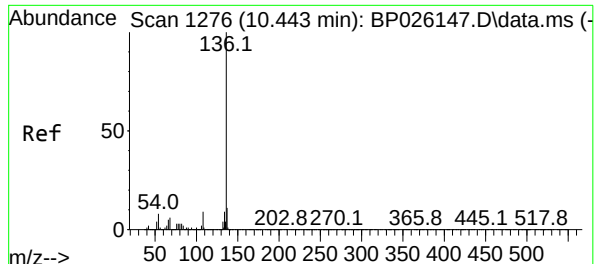
107 100

108 88.0 68.9 108.9

77 30.4 10.4 50.4

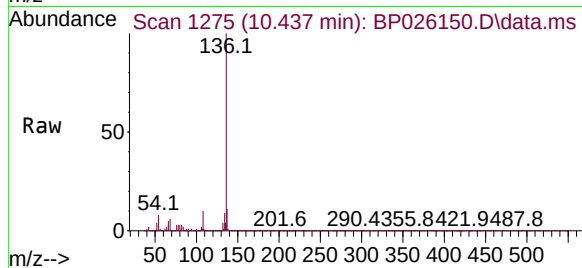
79 25.9 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

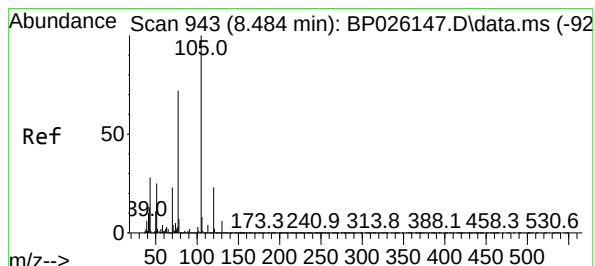
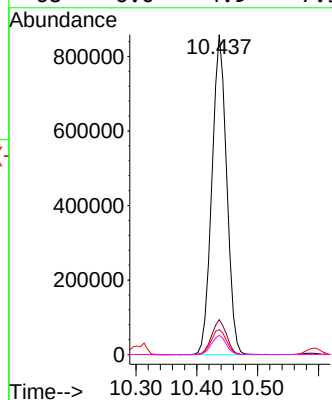
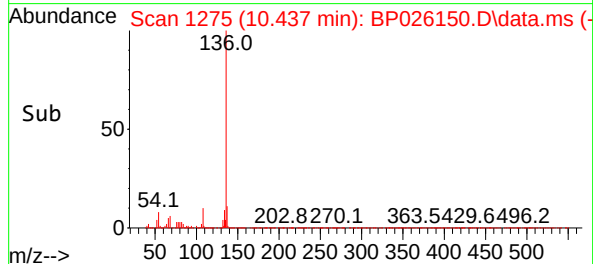
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 1443668
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.4 9.6
68 6.0 4.9 7.3

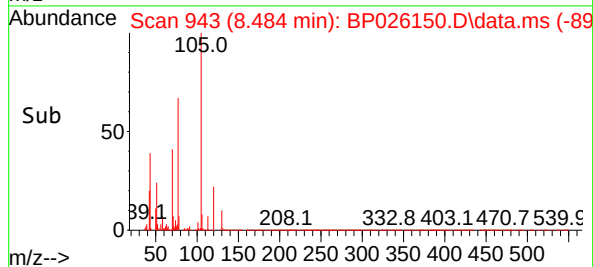
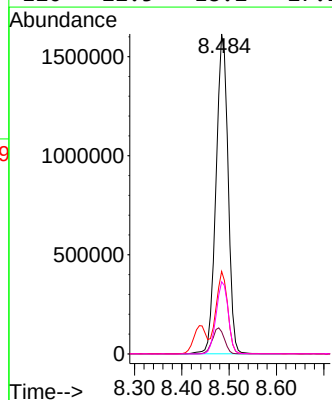
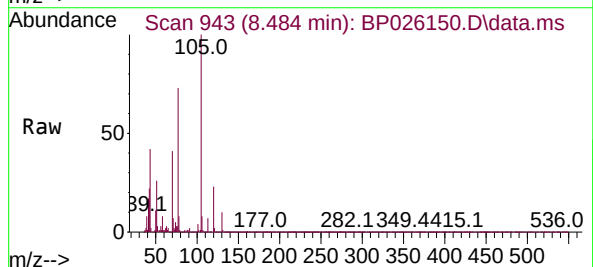
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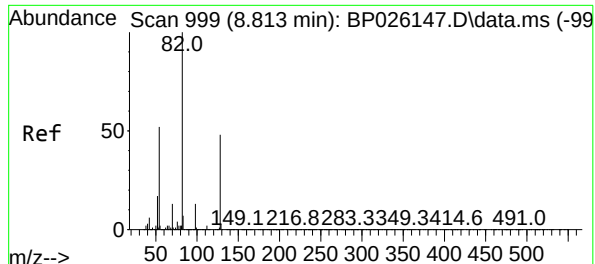
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 77.453 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:105 Resp: 2844696
Ion Ratio Lower Upper
105 100
71 7.0 3.0 4.4#
51 25.8 20.5 30.7
120 22.5 18.2 27.2





#23

Nitrobenzene-d5

Concen: 158.440 ng

RT: 8.819 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 403325

Ion Ratio Lower Upper

82 100

128 48.5 37.4 56.0

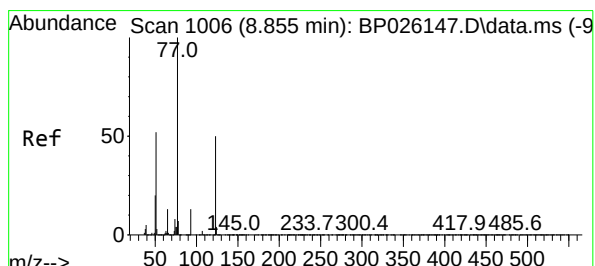
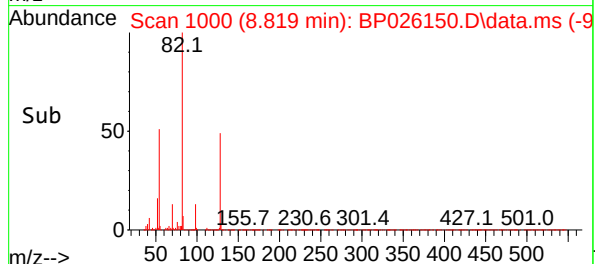
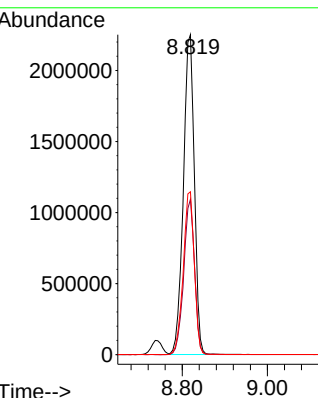
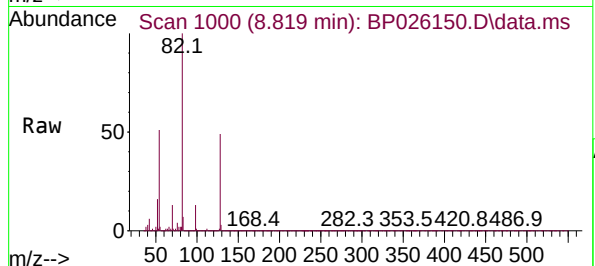
54 50.9 41.6 62.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 79.321 ng

RT: 8.855 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

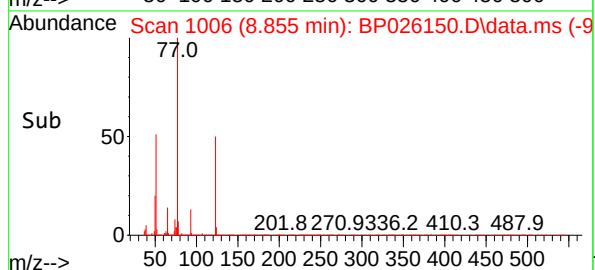
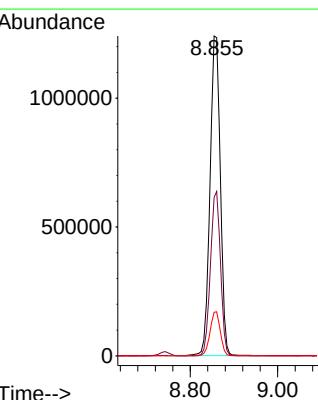
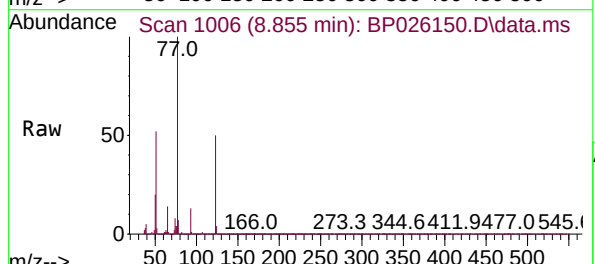
Tgt Ion: 77 Resp: 2043562

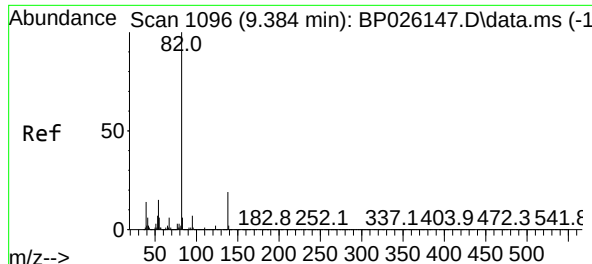
Ion Ratio Lower Upper

77 100

123 49.5 39.8 59.8

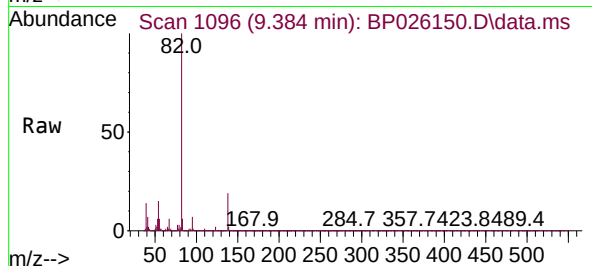
65 13.6 11.2 16.8





#25
Isophorone
Concen: 79.581 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

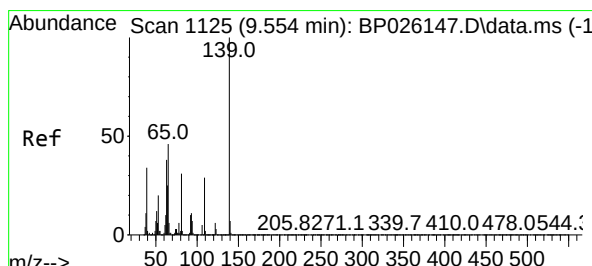
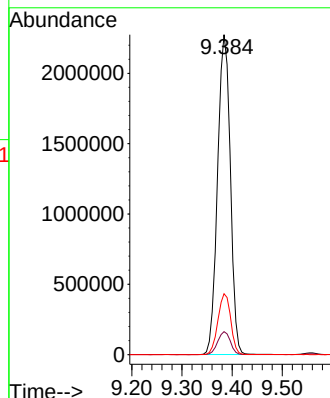
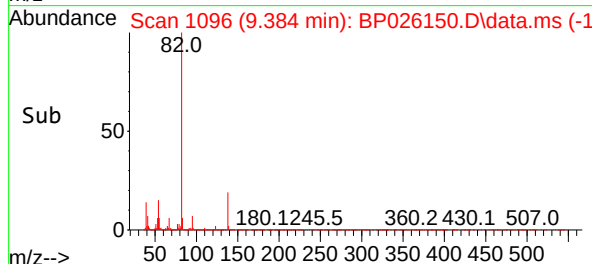
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 4022278
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 19.0 15.4 23.0

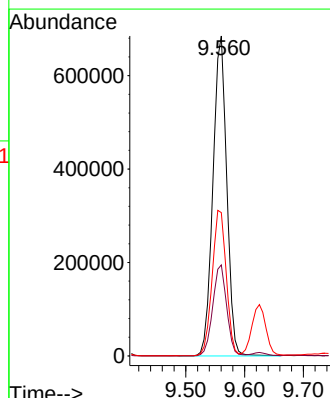
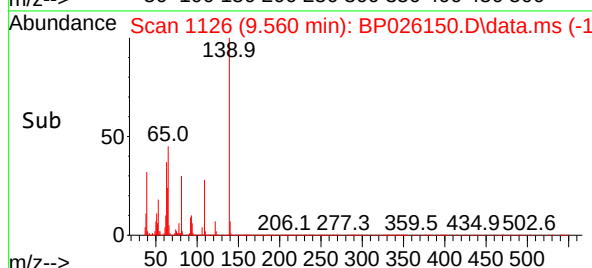
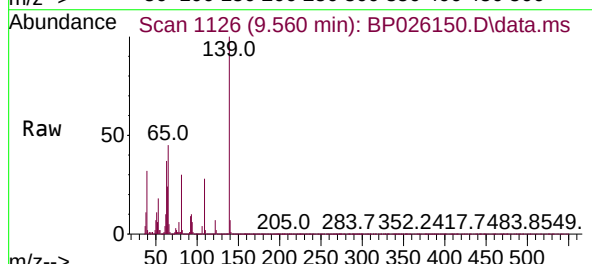
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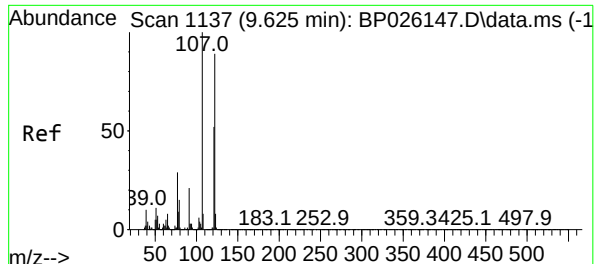
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#26
2-Nitrophenol
Concen: 85.938 ng
RT: 9.560 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:139 Resp: 1116252
Ion Ratio Lower Upper
139 100
109 28.4 22.3 33.5
65 44.8 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 79.196 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 1863595

Ion Ratio Lower Upper

122 100

107 114.2 91.0 136.6

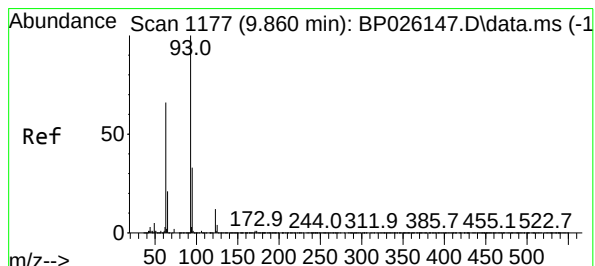
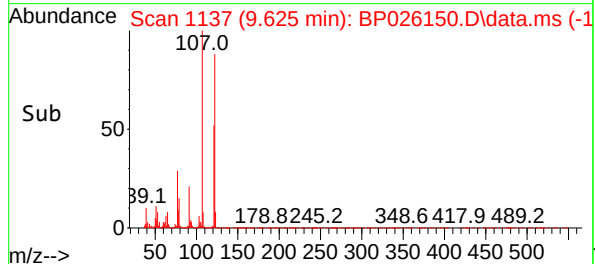
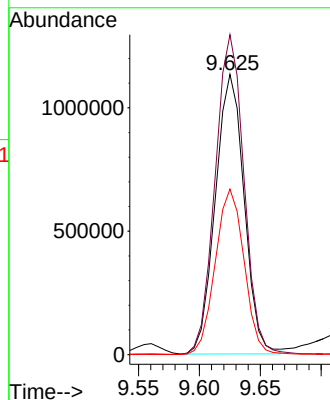
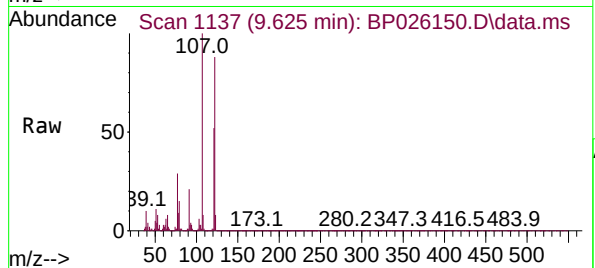
121 59.1 47.0 70.6

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#28

bis(2-Chloroethoxy)methane

Concen: 79.503 ng

RT: 9.860 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

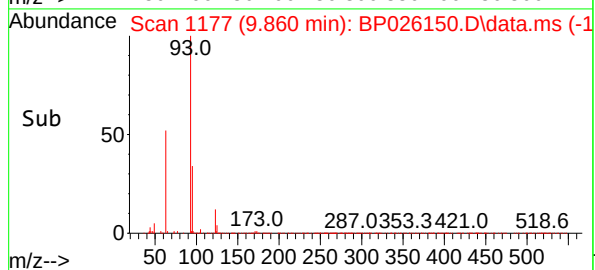
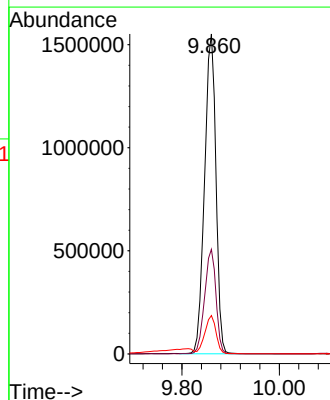
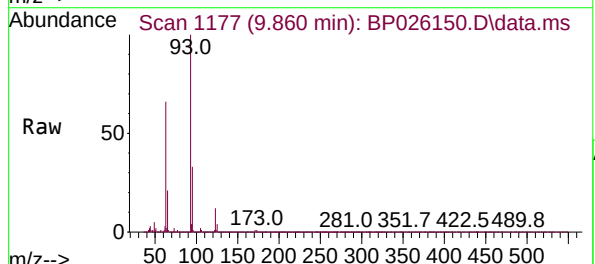
Tgt Ion: 93 Resp: 2515997

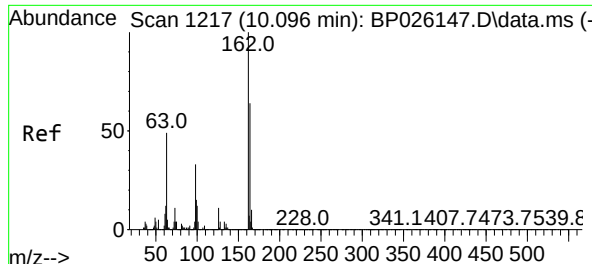
Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 80.853 ng

RT: 10.090 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 189560

Ion Ratio Lower Upper

162 100

164 65.3 43.8 83.8

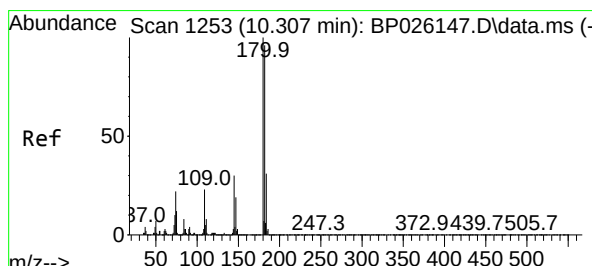
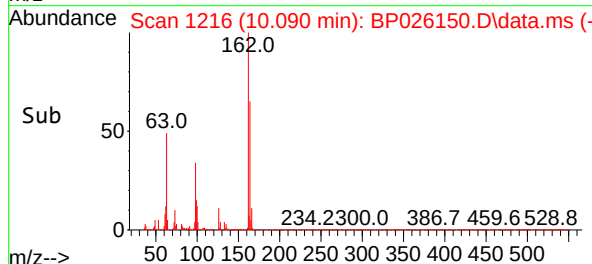
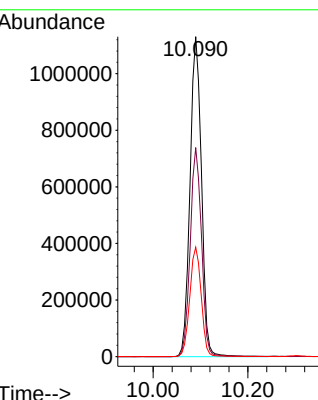
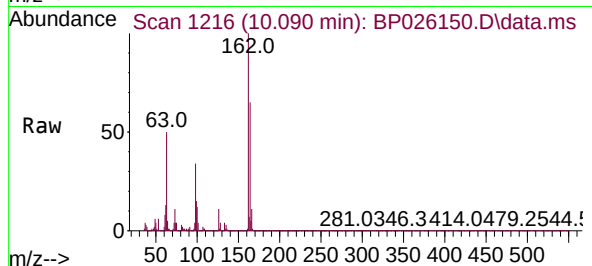
98 34.2 14.1 54.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 79.315 ng

RT: 10.302 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

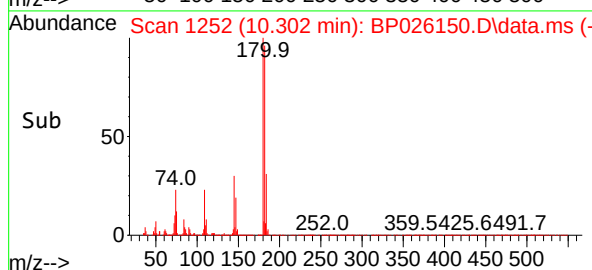
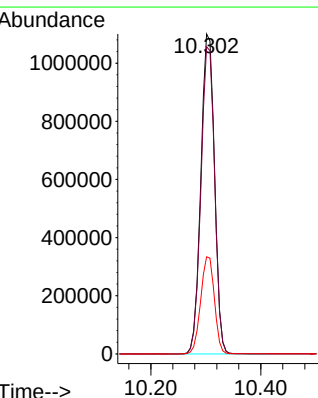
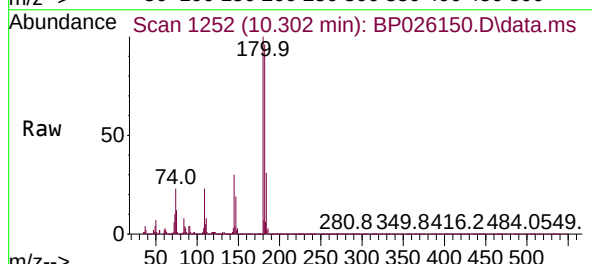
Tgt Ion:180 Resp: 1895013

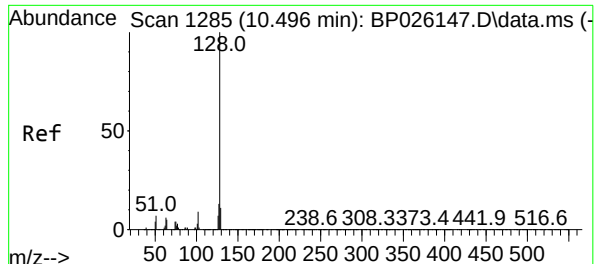
Ion Ratio Lower Upper

180 100

182 96.0 78.1 117.1

145 30.3 24.2 36.4





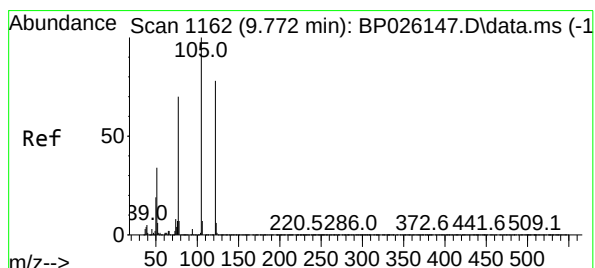
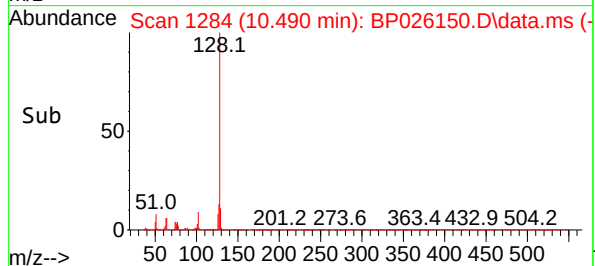
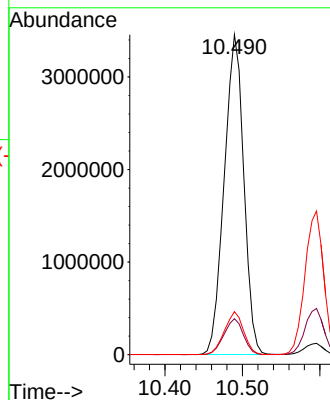
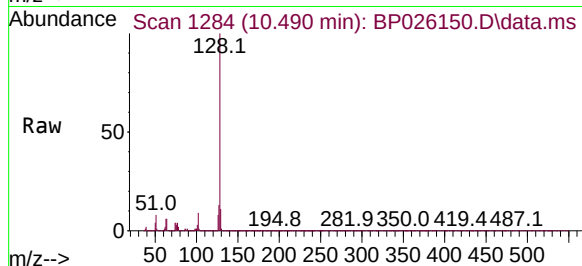
#31
Naphthalene
Concen: 77.497 ng
RT: 10.490 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 6074938
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.2 15.4

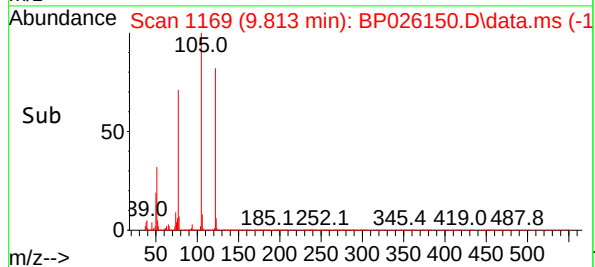
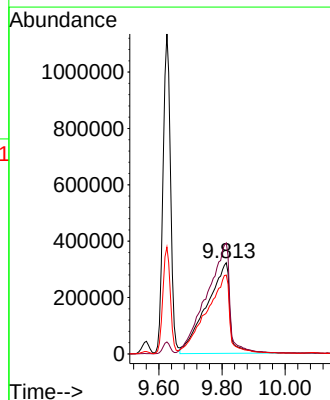
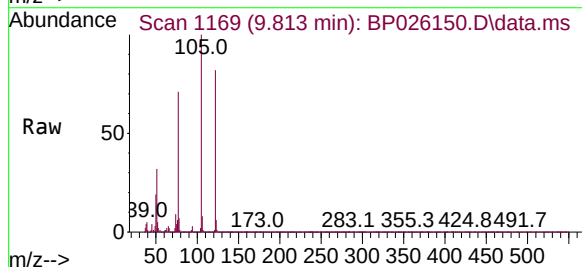
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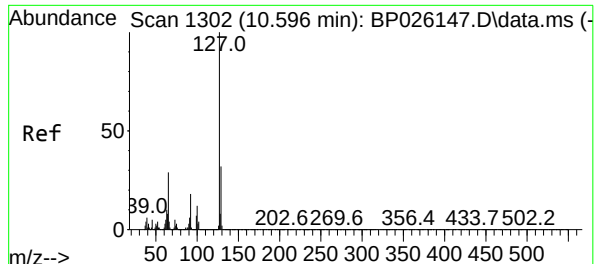
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 86.975 ng
RT: 9.813 min Scan# 1169
Delta R.T. 0.047 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

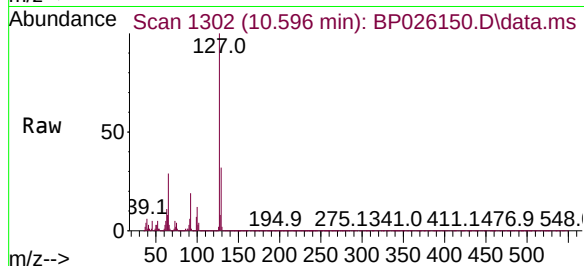
Tgt Ion:122 Resp: 1646676
Ion Ratio Lower Upper
122 100
105 121.8 100.1 140.1
77 86.5 66.7 106.7





#33
4-Chloroaniline
Concen: 79.361 ng
RT: 10.596 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

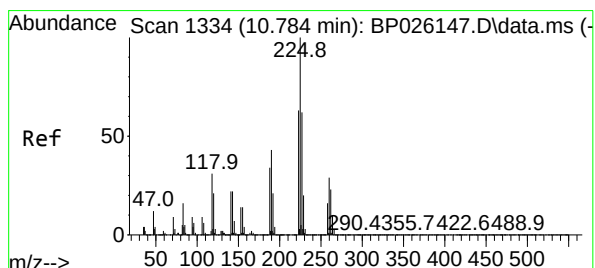
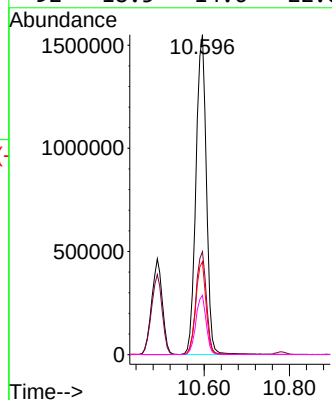
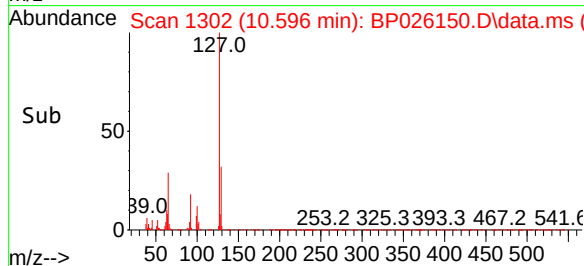
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:127 Resp: 2640734
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.8
65 29.0 22.7 34.1
92 18.5 14.6 22.0

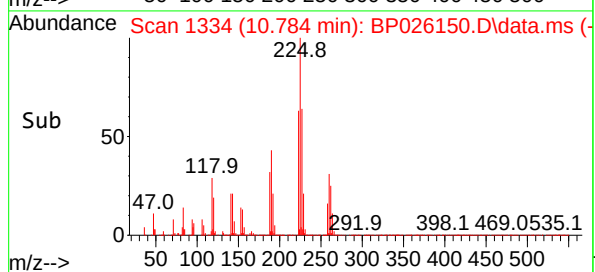
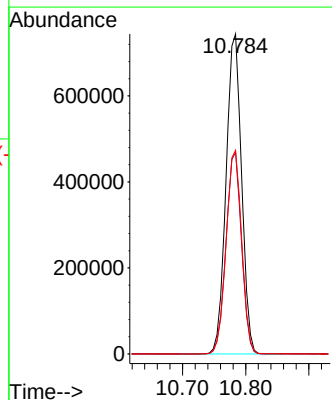
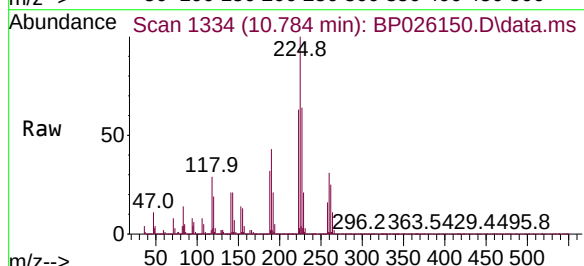
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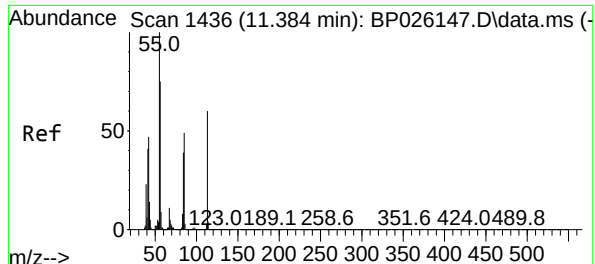
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 81.448 ng
RT: 10.784 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

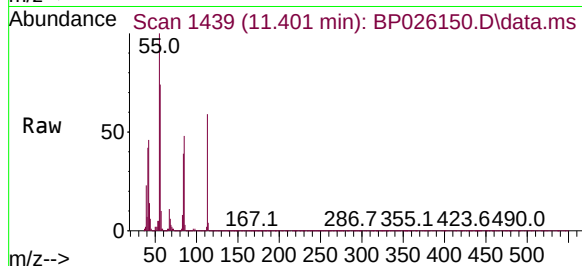
Tgt Ion:225 Resp: 1266129
Ion Ratio Lower Upper
225 100
223 63.0 49.6 74.4
227 63.6 51.2 76.8





#35
Caprolactam
Concen: 77.424 ng
RT: 11.401 min Scan# 1436
Delta R.T. 0.024 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

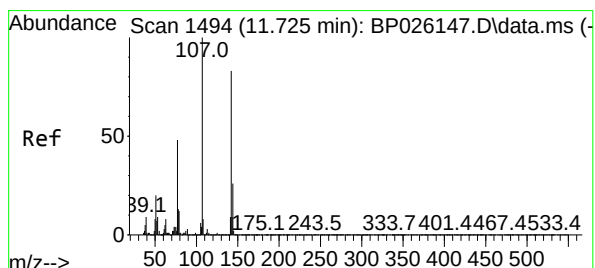
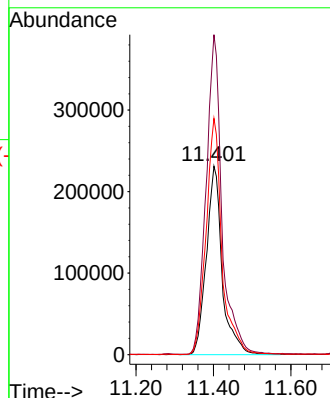
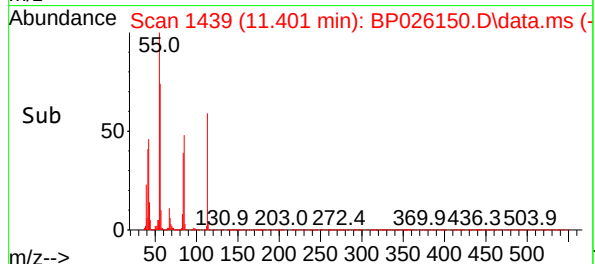
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 653660
Ion Ratio Lower Upper
113 100
55 169.9 153.0 193.0
56 125.4 106.4 146.4

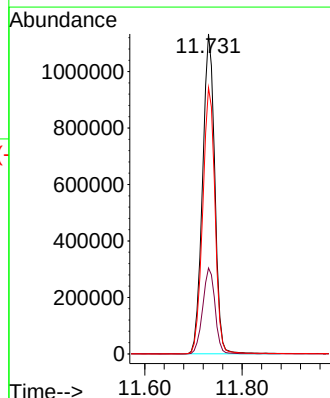
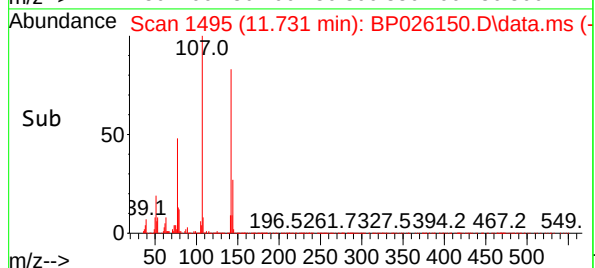
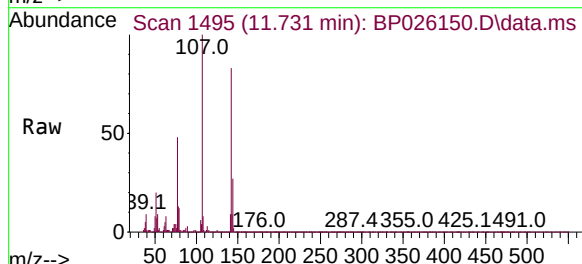
Manual Integrations
APPROVED

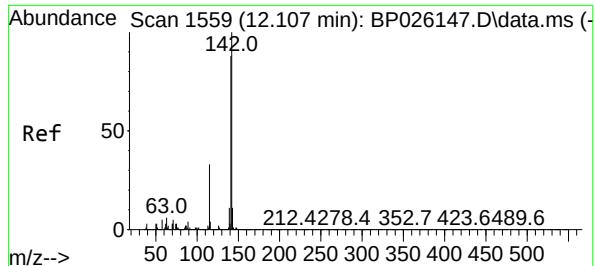
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#36
4-Chloro-3-methylphenol
Concen: 79.070 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

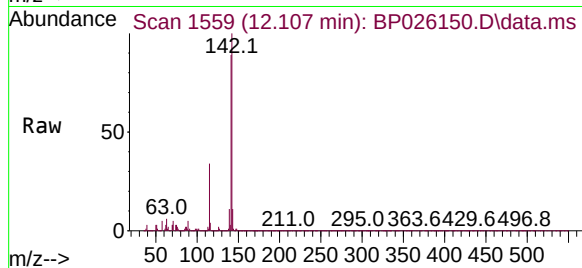
Tgt Ion:107 Resp: 1972354
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 83.2 65.6 98.4





#37
2-Methylnaphthalene
Concen: 77.446 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

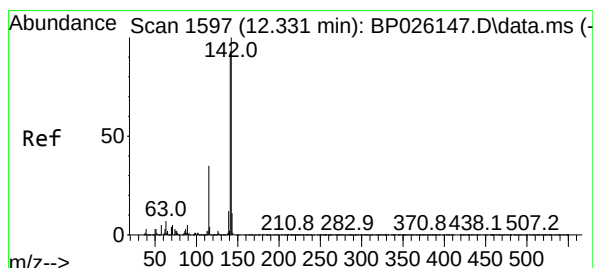
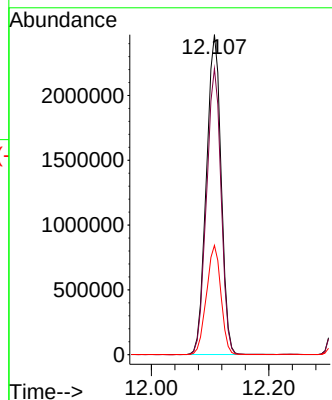
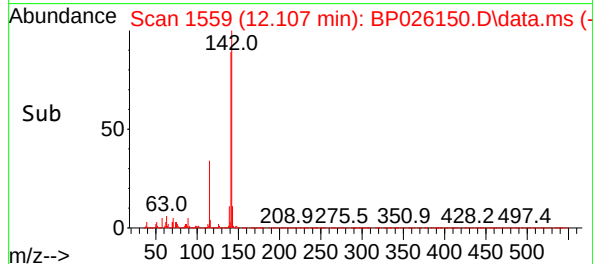
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



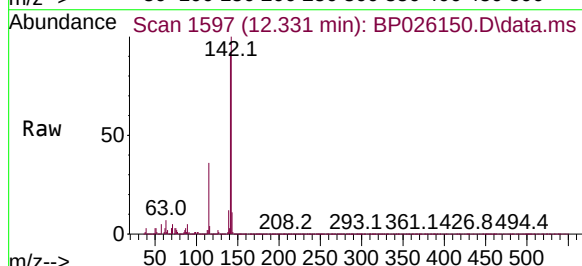
Tgt Ion:142 Resp: 4297114
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 34.1 26.6 39.8

Manual Integrations
APPROVED

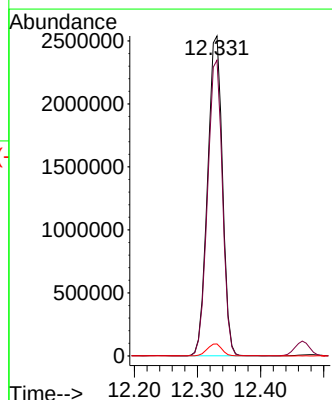
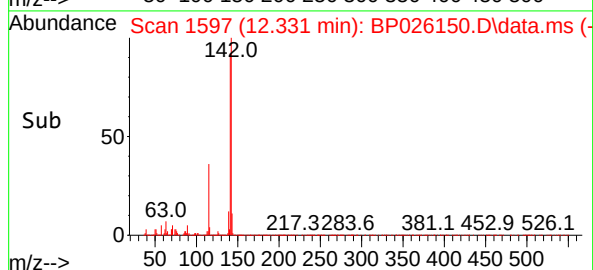
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

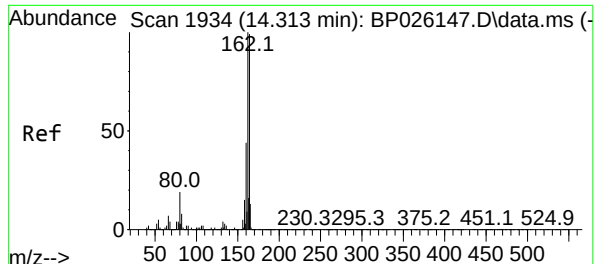


#38
1-Methylnaphthalene
Concen: 76.467 ng
RT: 12.331 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



Tgt Ion:142 Resp: 4151377
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:164 Resp: 91625

Ion Ratio Lower Upper

164 100

162 101.5 80.3 120.5

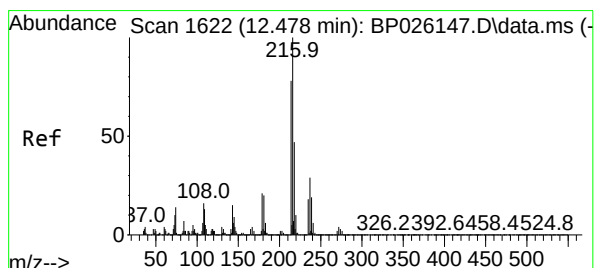
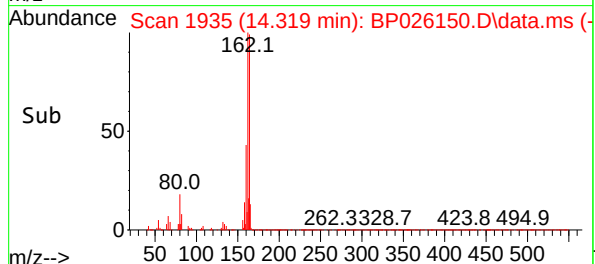
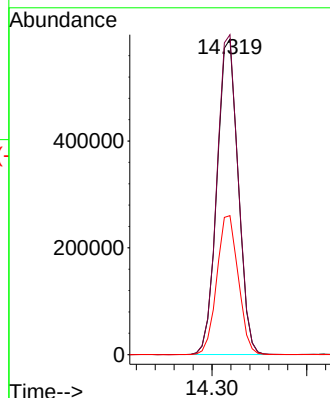
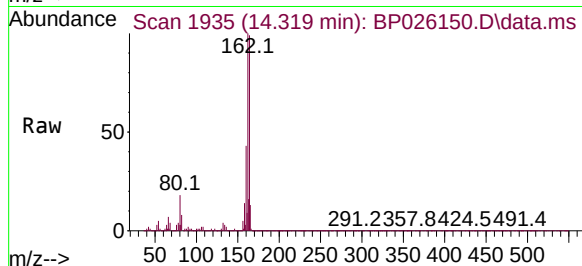
160 44.1 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 79.984 ng

RT: 12.484 min Scan# 1623

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Tgt Ion:216 Resp: 2208451

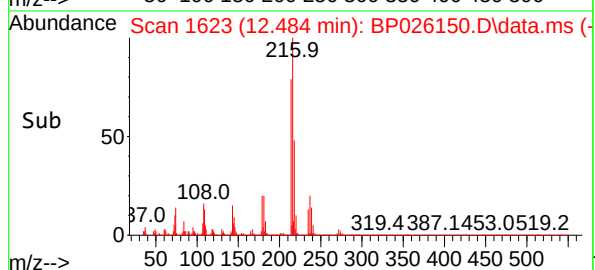
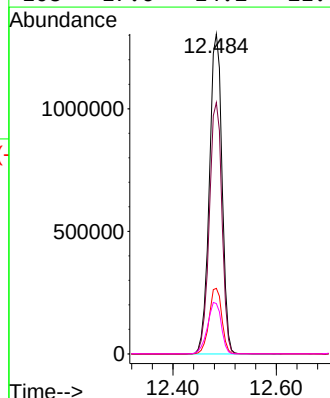
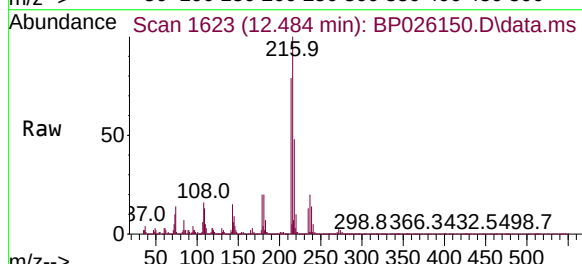
Ion Ratio Lower Upper

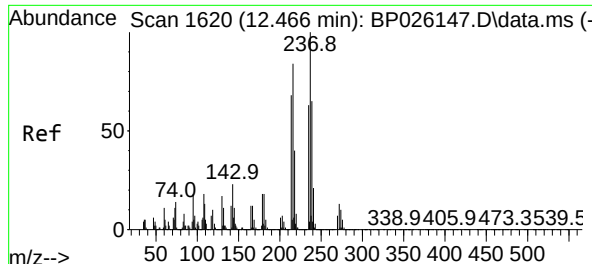
216 100

214 78.7 62.6 94.0

179 20.7 16.6 25.0

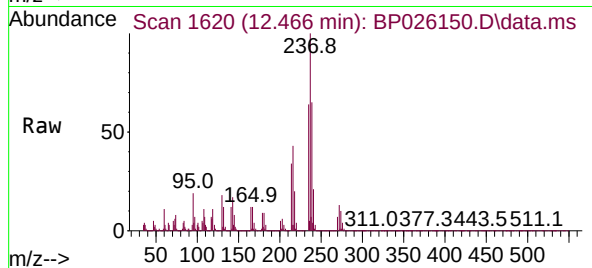
108 17.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 88.626 ng
RT: 12.466 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

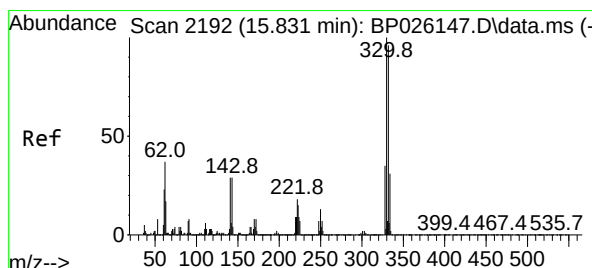
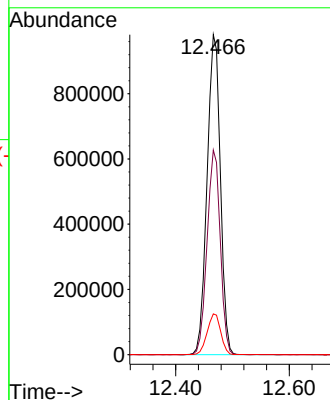
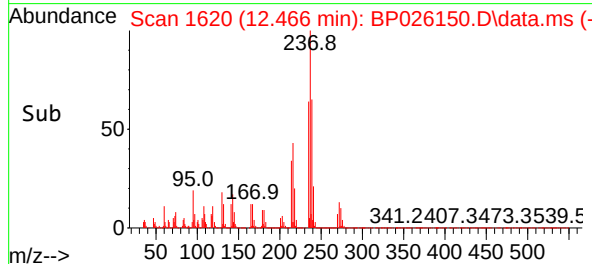
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 237 Resp: 1597193
Ion Ratio Lower Upper
237 100
235 63.9 43.3 83.3
272 12.7 0.0 32.9

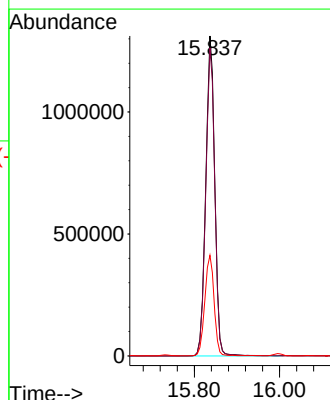
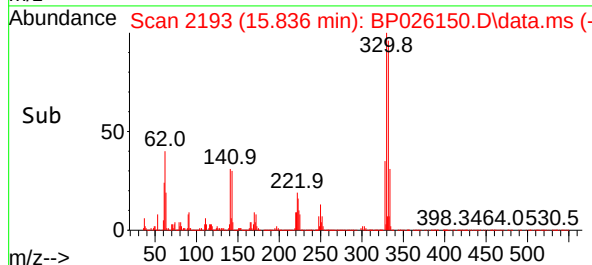
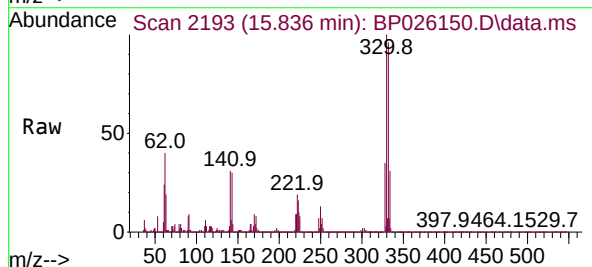
Manual Integrations
APPROVED

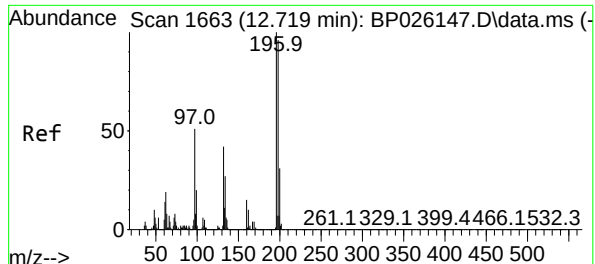
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#42
2,4,6-Tribromophenol
Concen: 161.460 ng
RT: 15.836 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

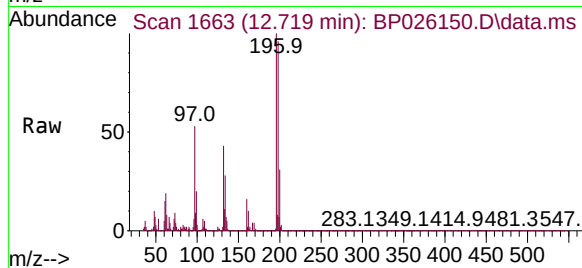
Tgt Ion: 330 Resp: 1917042
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 32.5 26.8 40.2





#43
2,4,6-Trichlorophenol
Concen: 81.106 ng
RT: 12.719 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

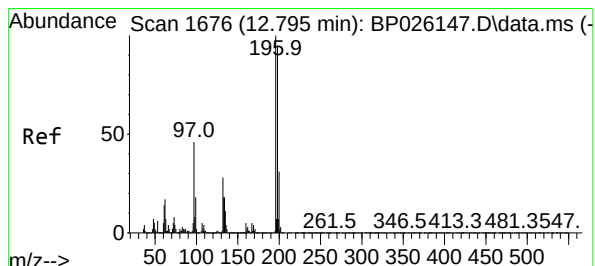
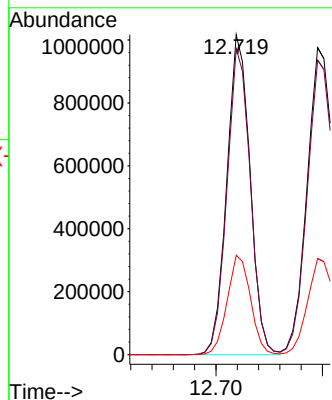
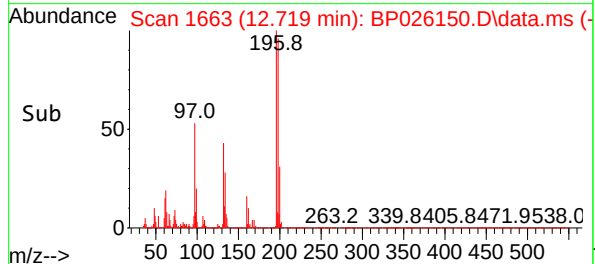
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:196 Resp: 1541092
Ion Ratio Lower Upper
196 100
198 95.6 76.9 115.3
200 31.0 24.6 37.0

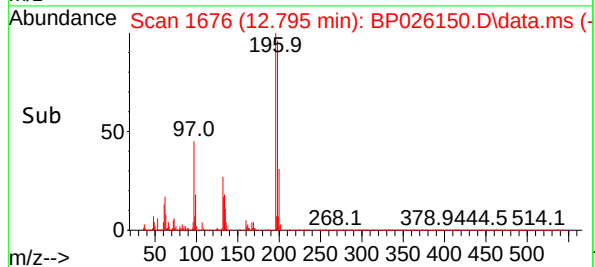
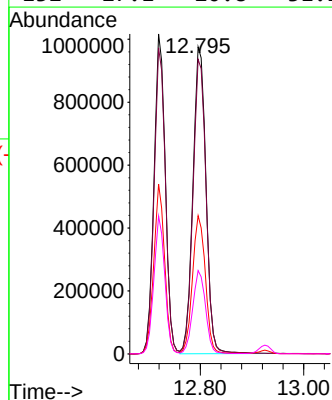
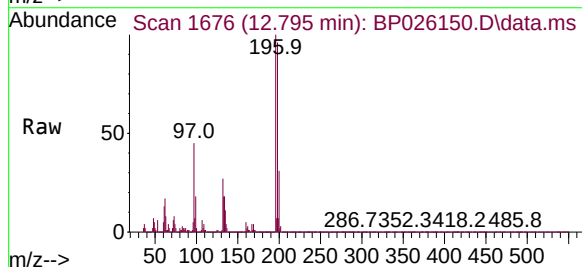
Manual Integrations
APPROVED

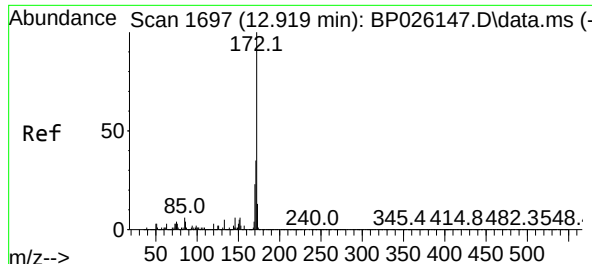
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#44
2,4,5-Trichlorophenol
Concen: 80.887 ng
RT: 12.795 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

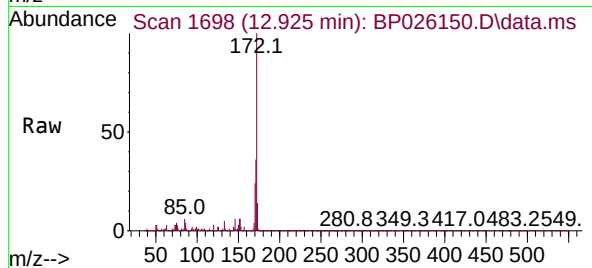
Tgt Ion:196 Resp: 1713807
Ion Ratio Lower Upper
196 100
198 95.9 76.4 114.6
97 45.0 35.7 53.5
132 27.1 20.8 31.2





#45
2-Fluorobiphenyl
Concen: 145.791 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

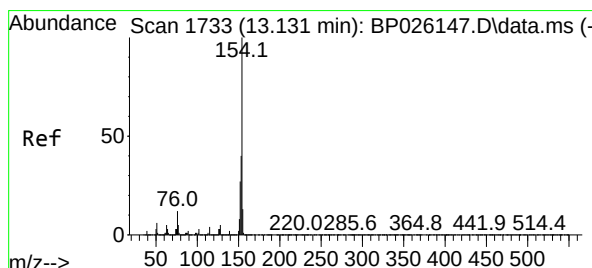
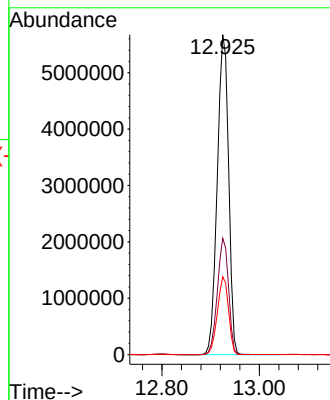
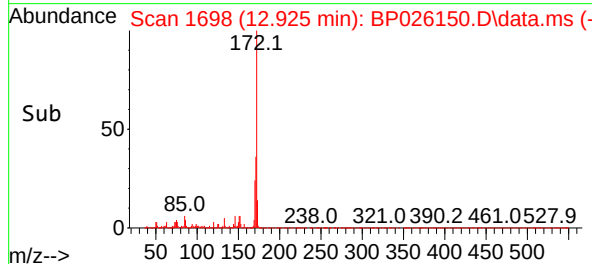
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



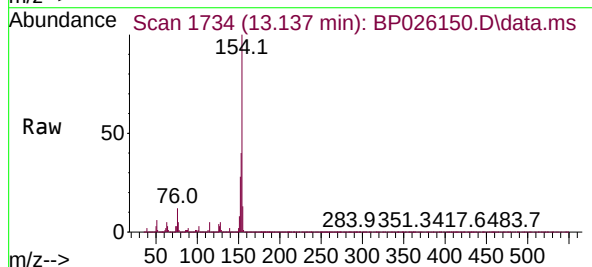
Tgt Ion:172 Resp: 9156268
Ion Ratio Lower Upper
172 100
171 36.4 28.2 42.4
170 24.3 18.7 28.1

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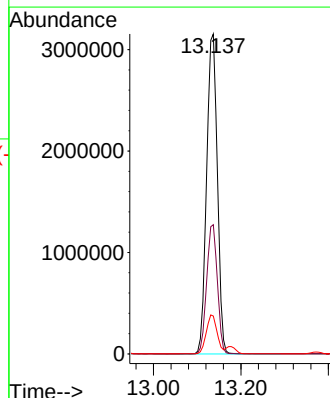
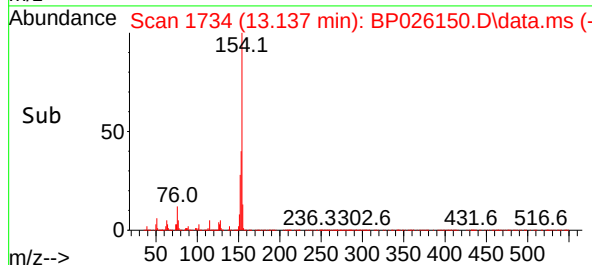
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

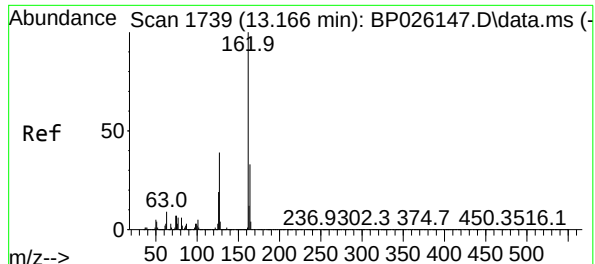


#46
1,1'-Biphenyl
Concen: 77.807 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



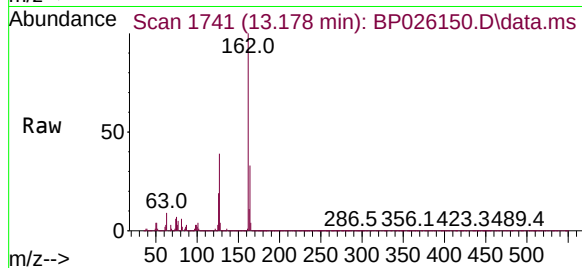
Tgt Ion:154 Resp: 5350939
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 11.8 0.0 32.3





#47
2-Chloronaphthalene
Concen: 78.776 ng
RT: 13.178 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

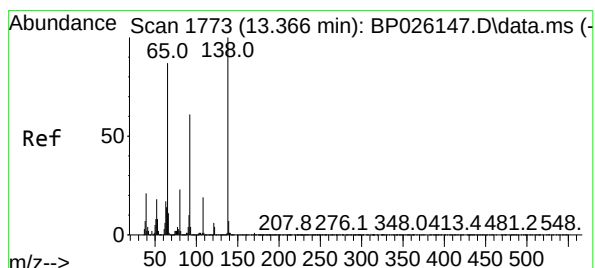
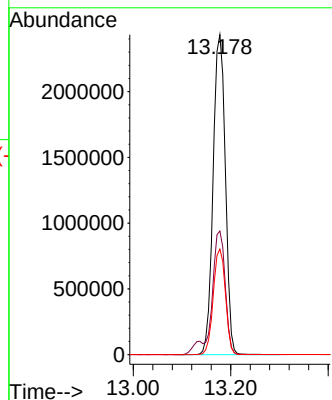
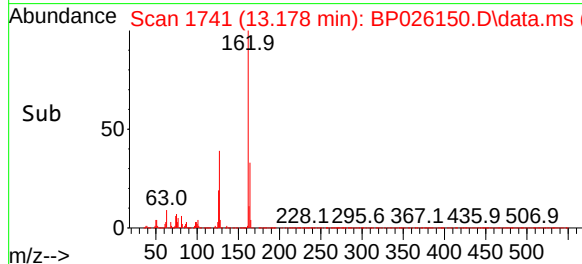
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 162 Resp: 425927
Ion Ratio Lower Upper
162 100
127 38.6 30.9 46.3
164 33.0 26.4 39.6

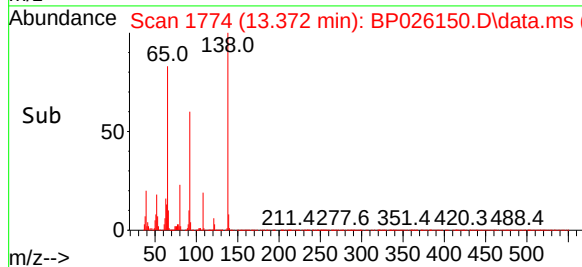
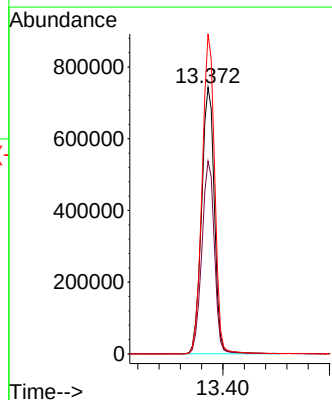
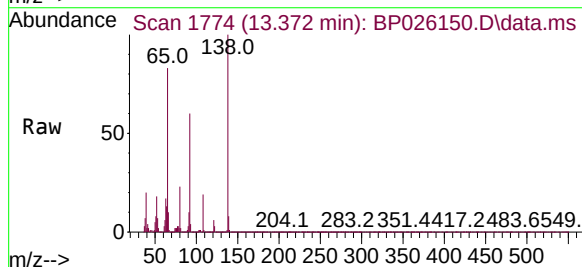
Manual Integrations
APPROVED

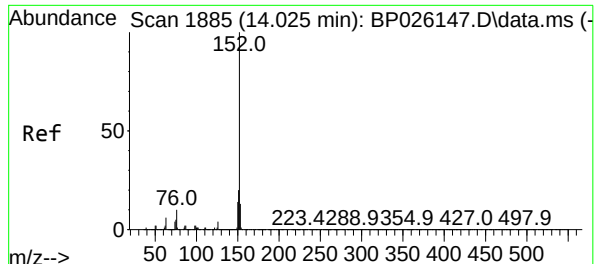
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#48
2-Nitroaniline
Concen: 82.186 ng
RT: 13.372 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 65 Resp: 1240952
Ion Ratio Lower Upper
65 100
92 72.3 59.1 88.7
138 120.1 96.6 145.0





#49

Acenaphthylene

Concen: 78.077 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:152 Resp: 698460

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

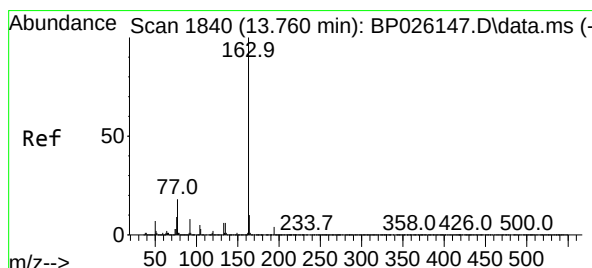
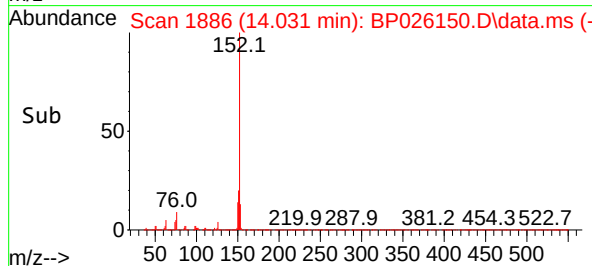
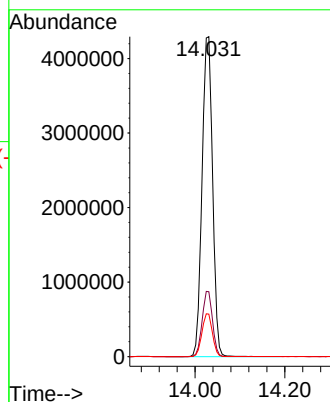
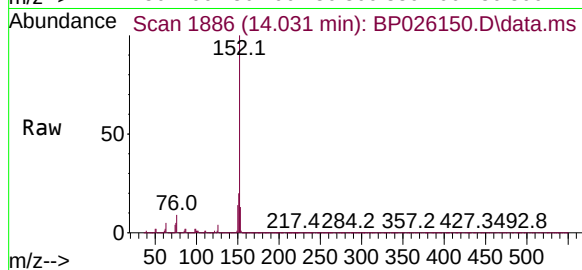
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

Concen: 78.482 ng

RT: 13.772 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

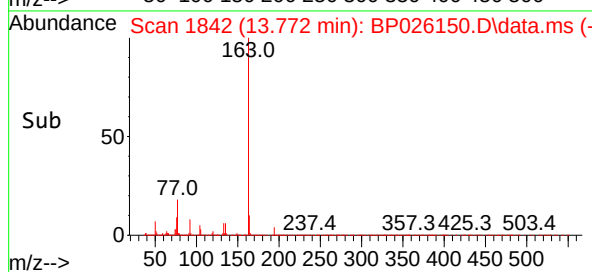
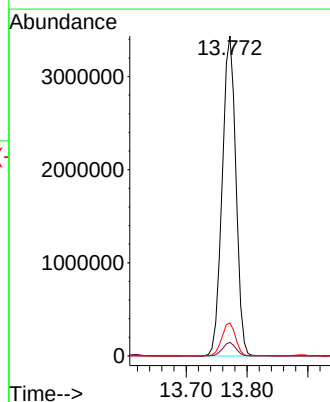
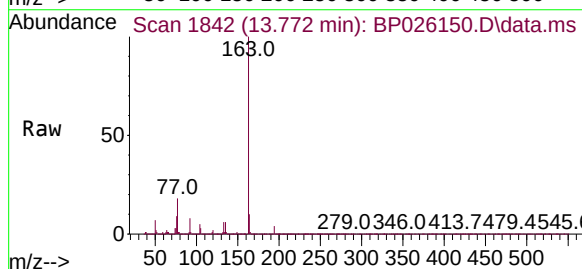
Tgt Ion:163 Resp: 5358389

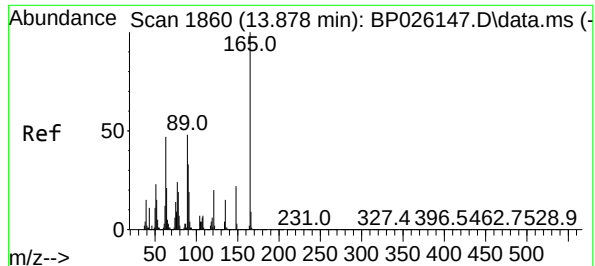
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.2 12.2





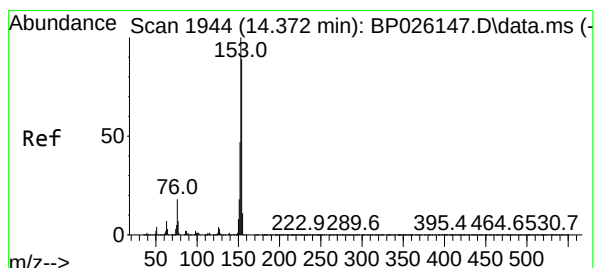
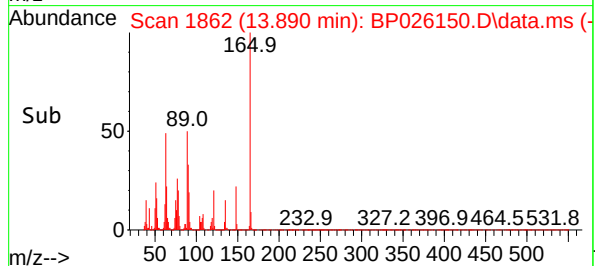
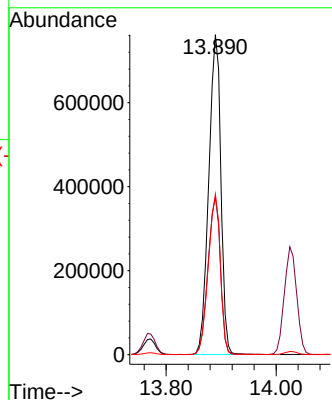
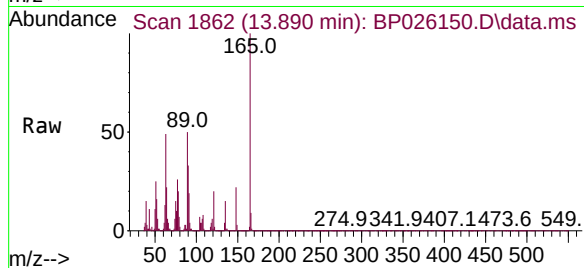
#51
2,6-Dinitrotoluene
Concen: 86.521 ng
RT: 13.890 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1168229
Ion Ratio Lower Upper
165 100
63 49.2 40.5 60.7
89 50.1 41.3 61.9

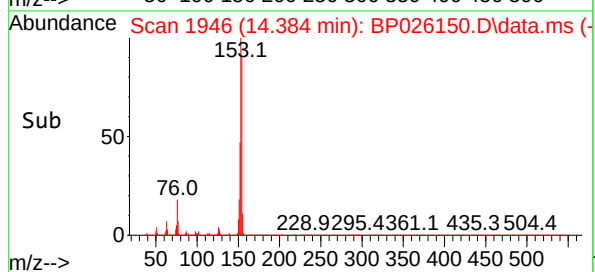
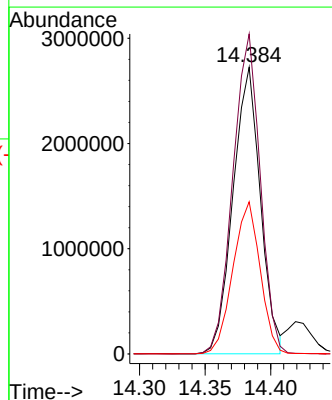
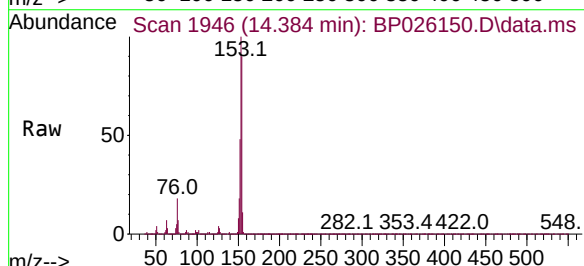
Manual Integrations
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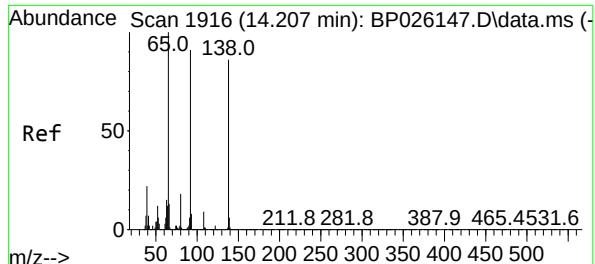
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 75.720 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

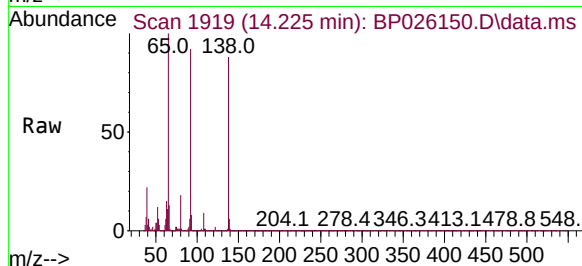
Tgt Ion:154 Resp: 3961645
Ion Ratio Lower Upper
154 100
153 111.6 90.7 136.1
152 53.1 42.8 64.2





#53
3-Nitroaniline
Concen: 83.269 ng
RT: 14.225 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

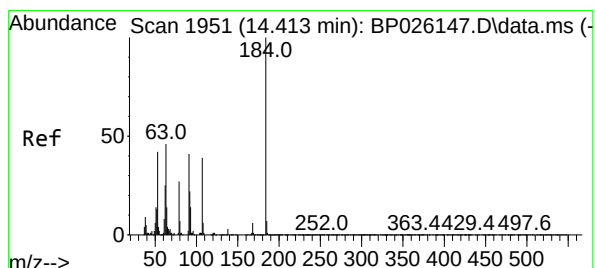
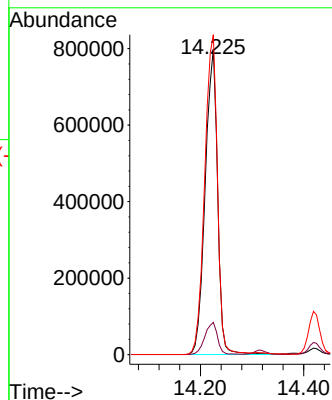
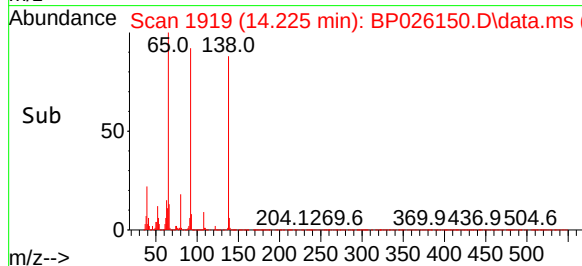
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:138 Resp: 1328194
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 104.8 86.3 129.5

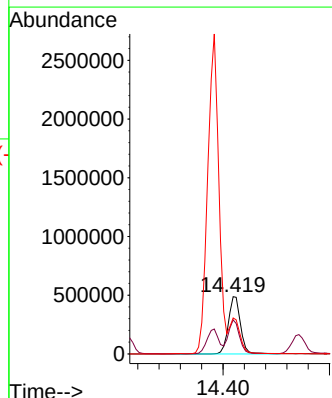
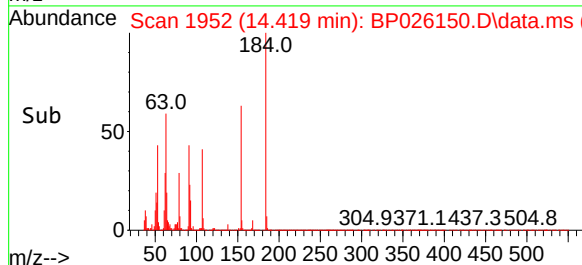
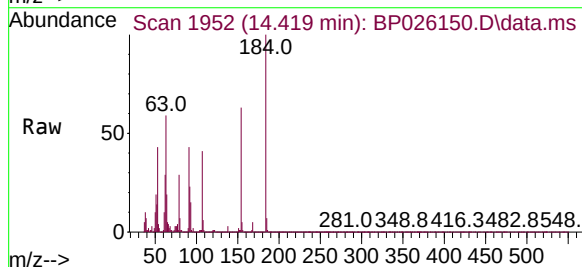
Manual Integrations
APPROVED

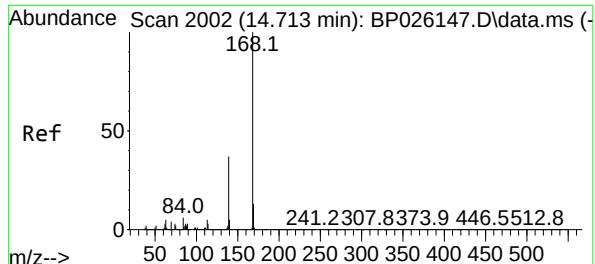
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 94.087 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:184 Resp: 762088
Ion Ratio Lower Upper
184 100
63 59.3 43.1 64.7
154 62.7 49.5 74.3





#55

Dibenzenofuran

Concen: 74.160 ng

RT: 14.725 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:168 Resp: 6063394

Ion Ratio Lower Upper

168 100

139 37.6 29.8 44.6

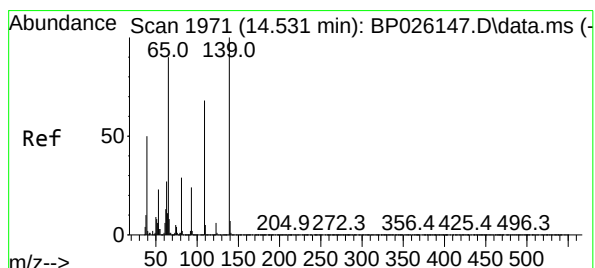
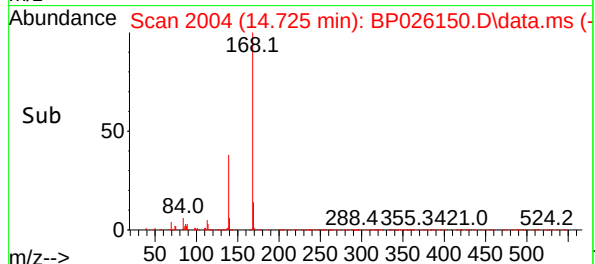
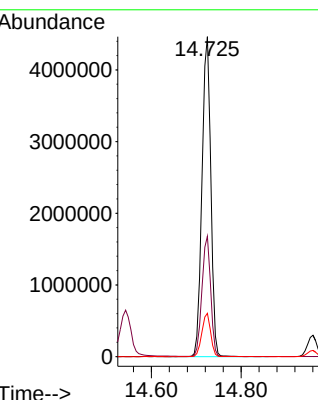
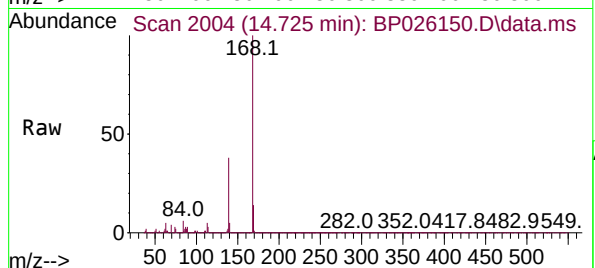
169 13.6 10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 80.163 ng

RT: 14.542 min Scan# 1973

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

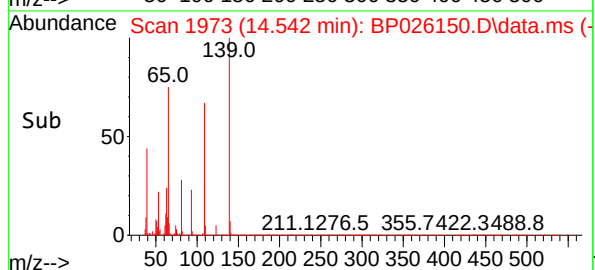
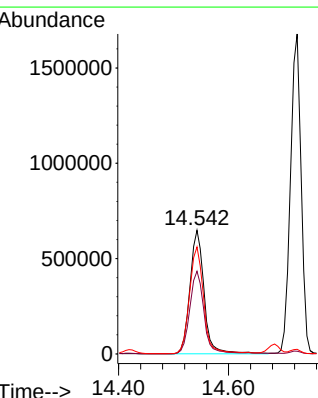
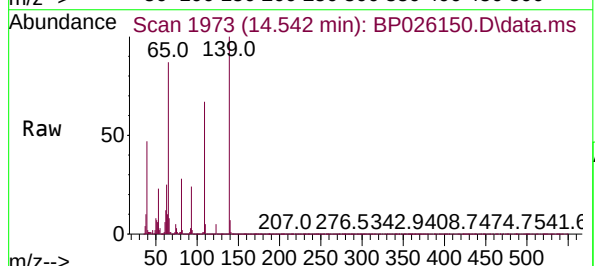
Tgt Ion:139 Resp: 1160755

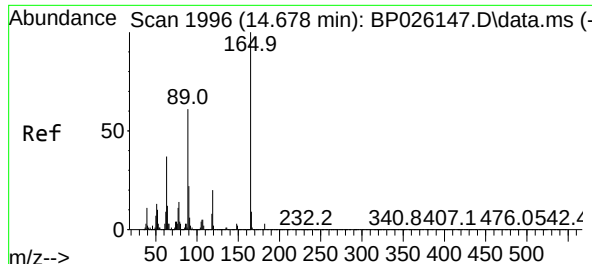
Ion Ratio Lower Upper

139 100

109 66.8 46.8 86.8

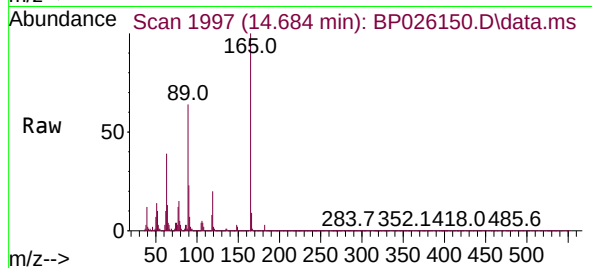
65 86.6 69.3 109.3





#57
2,4-Dinitrotoluene
Concen: 82.824 ng
RT: 14.684 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

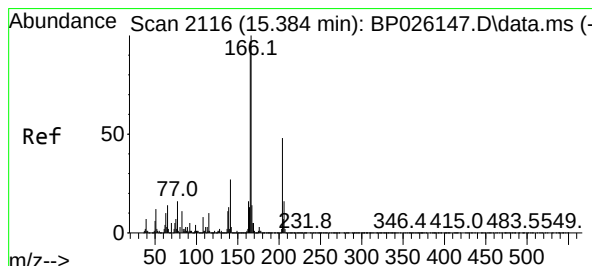
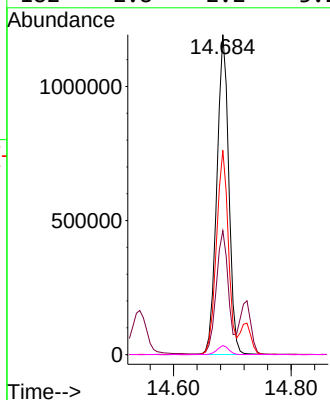
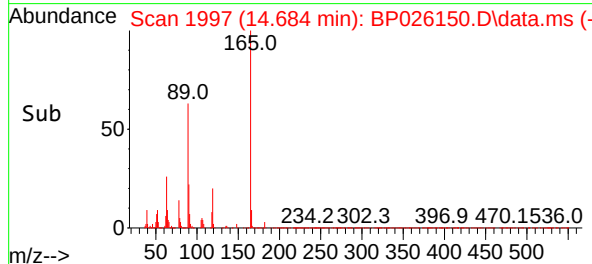
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



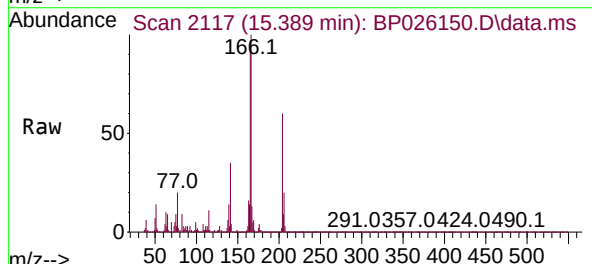
Tgt Ion:165 Resp: 1681172
Ion Ratio Lower Upper
165 100
63 38.7 31.0 46.6
89 63.8 51.7 77.5
182 2.8 2.2 3.2

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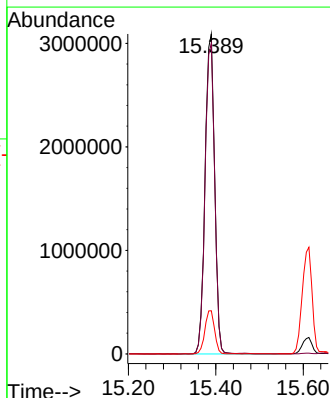
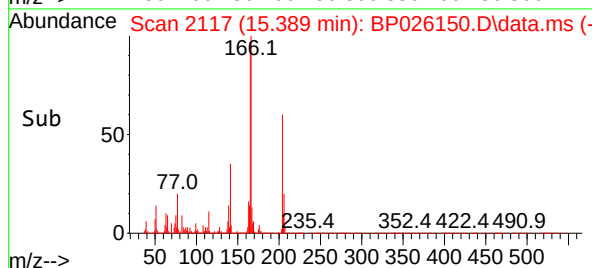
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

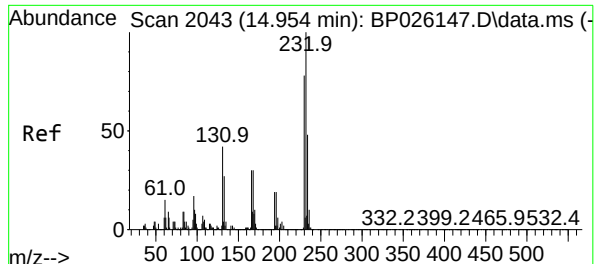


#58
Fluorene
Concen: 71.825 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



Tgt Ion:166 Resp: 4642250
Ion Ratio Lower Upper
166 100
165 97.0 77.9 116.9
167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 80.377 ng

RT: 14.960 min Scan# 2044

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 1442428

Ion Ratio Lower Upper

232 100

131 43.0 34.8 52.2

130 2.2 1.8 2.8

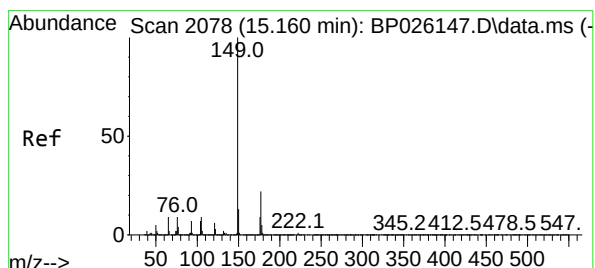
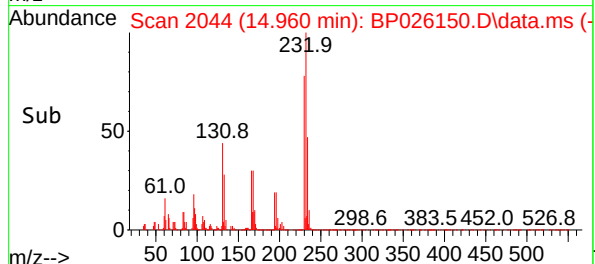
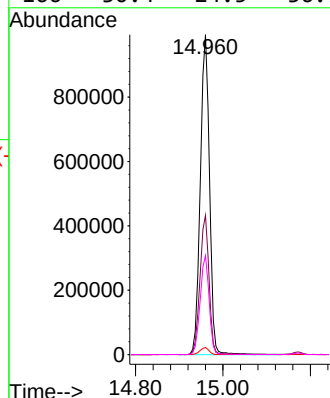
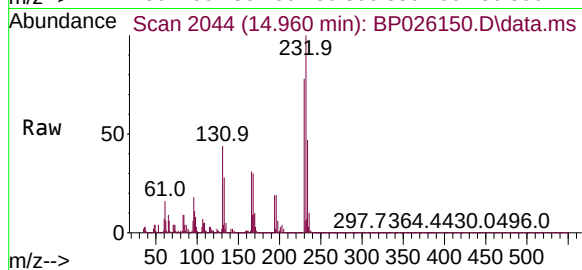
166 30.4 24.5 36.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#60

Diethylphthalate

Concen: 77.587 ng

RT: 15.172 min Scan# 2080

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

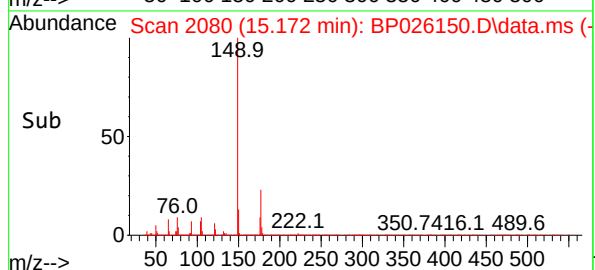
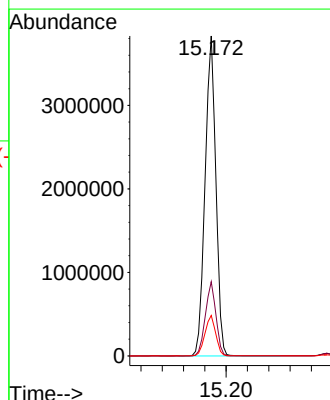
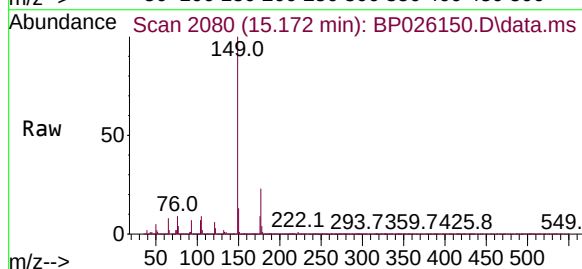
Tgt Ion:149 Resp: 5369309

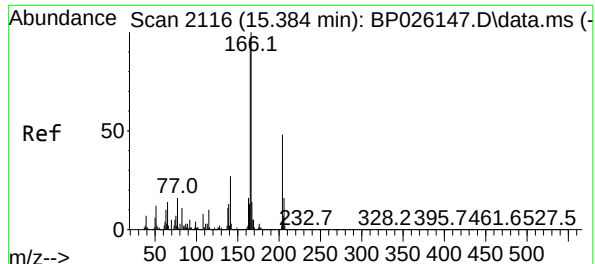
Ion Ratio Lower Upper

149 100

177 23.2 17.9 26.9

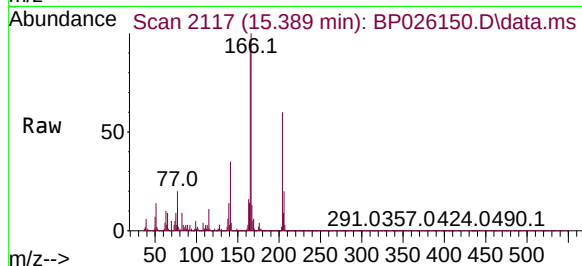
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 73.978 ng
RT: 15.389 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

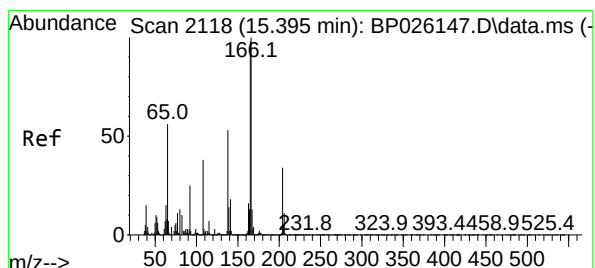
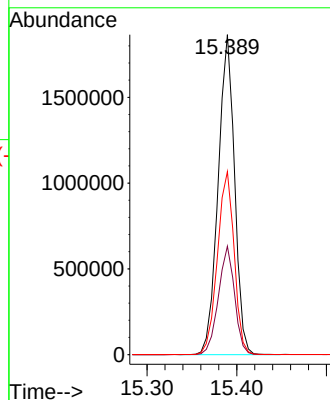
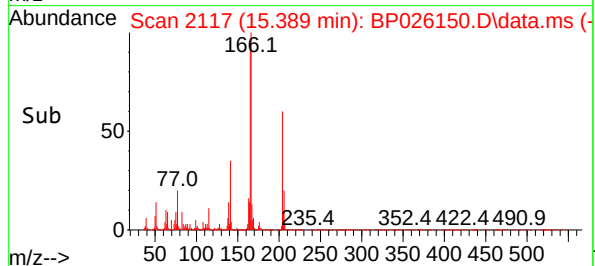
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:204 Resp: 2373384
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 57.2 48.1 72.1

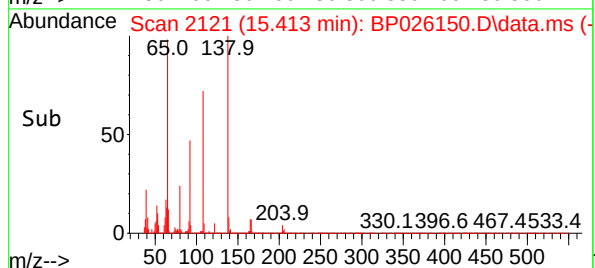
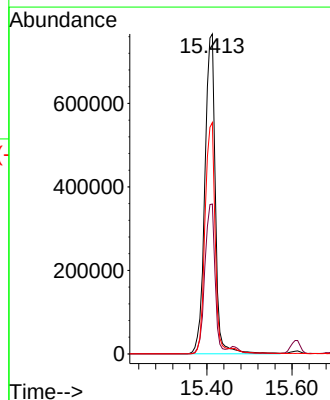
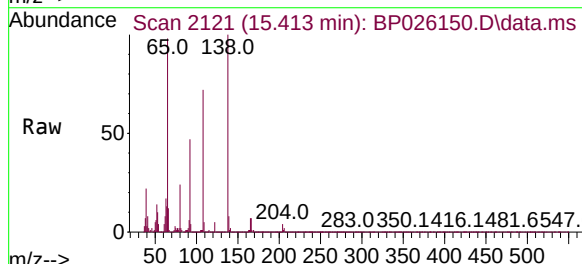
Manual Integrations
APPROVED

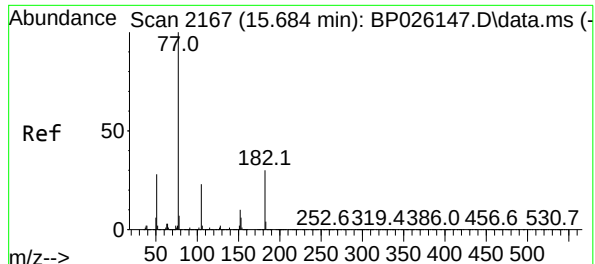
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#62
4-Nitroaniline
Concen: 78.639 ng
RT: 15.413 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

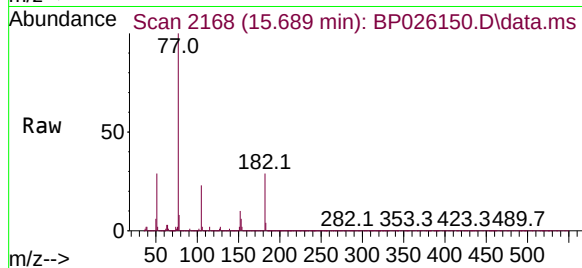
Tgt Ion:138 Resp: 1312938
Ion Ratio Lower Upper
138 100
92 46.8 27.5 67.5
108 72.3 51.1 91.1





#63
Azobenzene
Concen: 78.140 ng
RT: 15.689 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

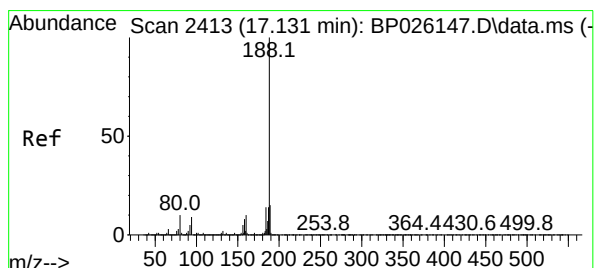
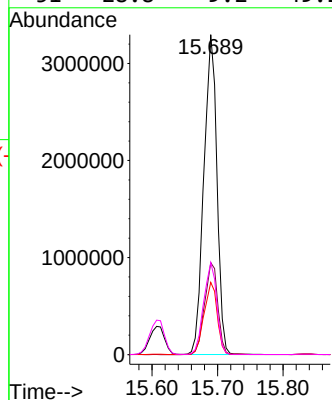
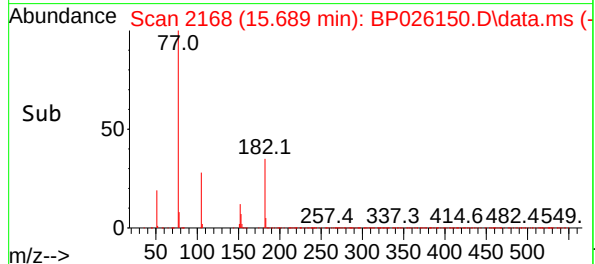
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



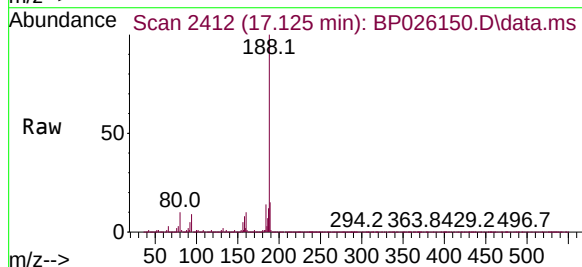
Tgt Ion: 77 Resp: 4543203
Ion Ratio Lower Upper
77 100
182 28.7 8.8 48.8
105 22.6 2.6 42.6
51 28.8 9.2 49.2

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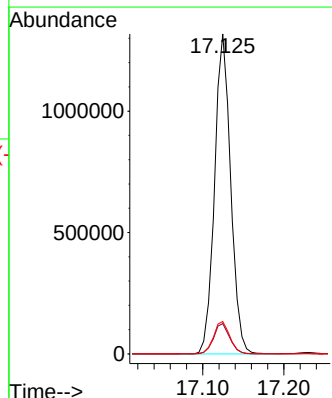
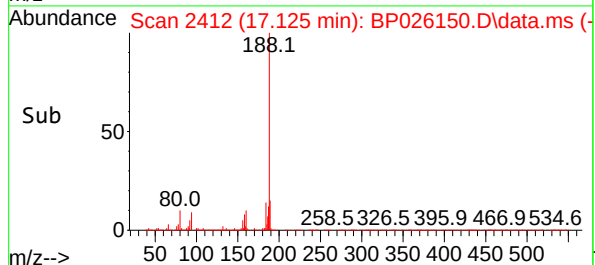
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

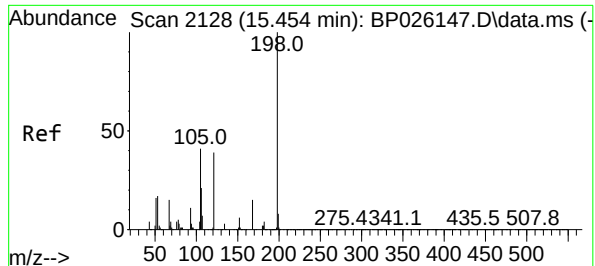


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



Tgt Ion:188 Resp: 1816815
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.1 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 89.911 ng

RT: 15.466 min Scan# 2128

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:198 Resp: 1027969

Ion Ratio Lower Upper

198 100

51 40.9 18.4 58.4

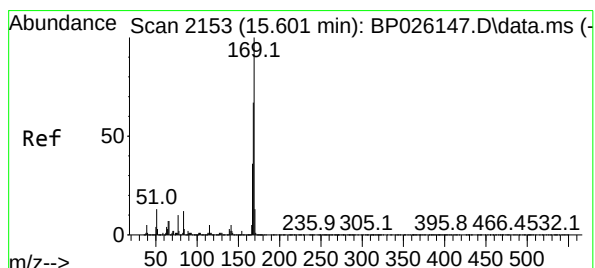
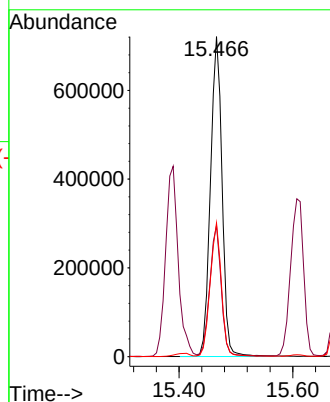
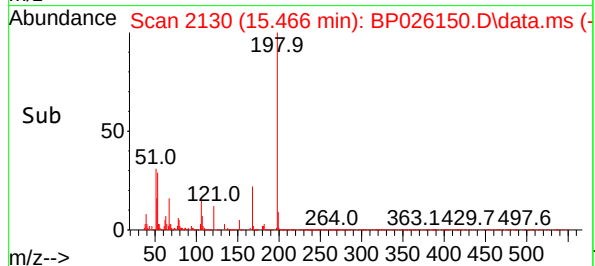
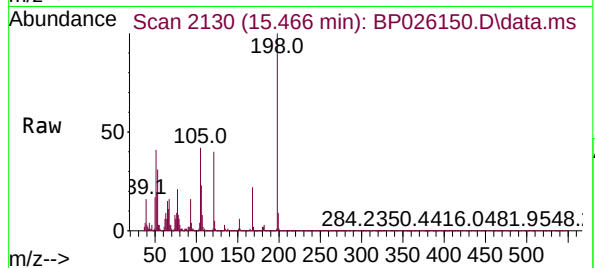
105 41.8 18.5 58.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#66

n-Nitrosodiphenylamine

Concen: 78.838 ng

RT: 15.613 min Scan# 2155

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

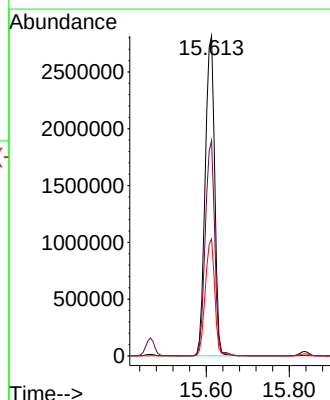
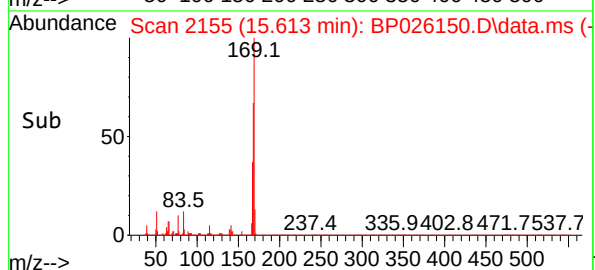
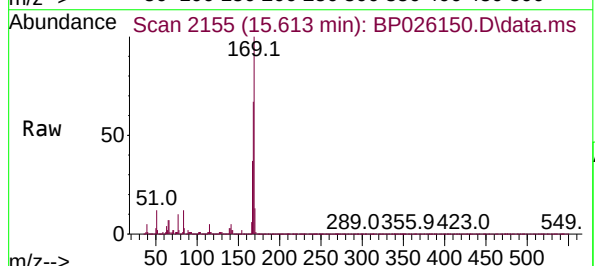
Tgt Ion:169 Resp: 4431692

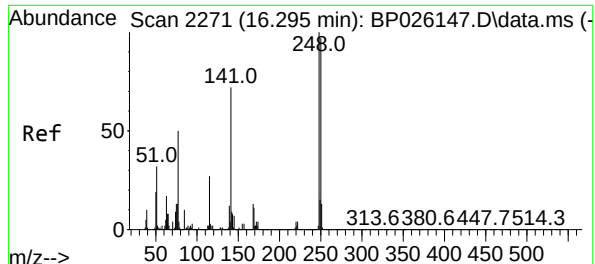
Ion Ratio Lower Upper

169 100

168 67.3 53.1 79.7

167 36.6 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 82.958 ng

RT: 16.301 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

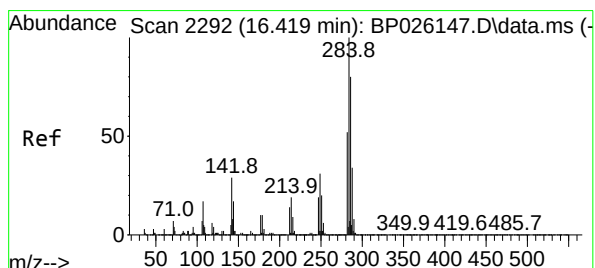
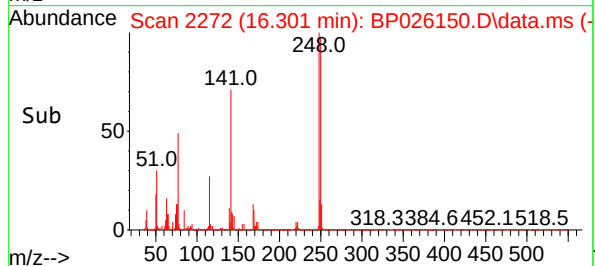
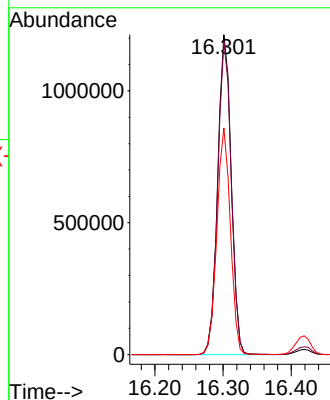
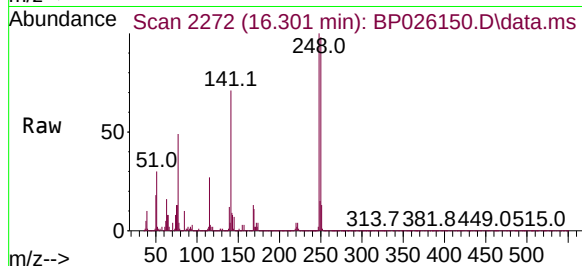
SSTDICC080

Tgt Ion:	248	Resp:	1665615
Ion Ratio	Lower	Upper	
248	100		
250	97.8	77.8	116.6
141	70.8	55.4	83.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68

Hexachlorobenzene

Concen: 82.547 ng

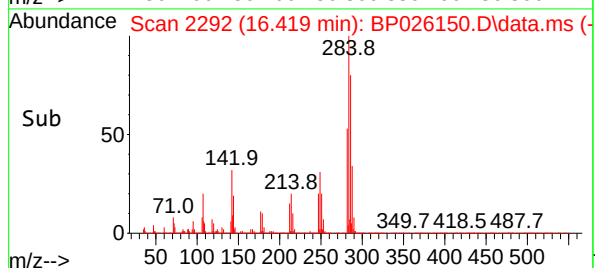
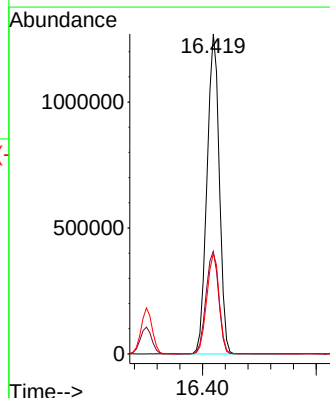
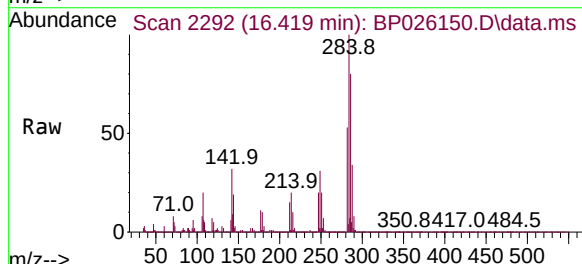
RT: 16.419 min Scan# 2292

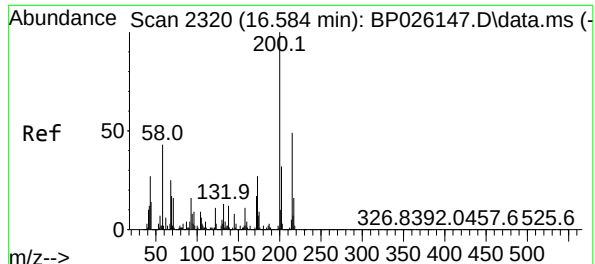
Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Tgt Ion:	284	Resp:	1914891
Ion Ratio	Lower	Upper	
284	100		
142	32.0	28.0	42.0
249	31.4	25.0	37.4





#69

Atrazine

Concen: 81.486 ng

RT: 16.589 min Scan# 2321

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:200 Resp: 172486

Ion Ratio Lower Upper

200 100

173 26.1 6.7 46.7

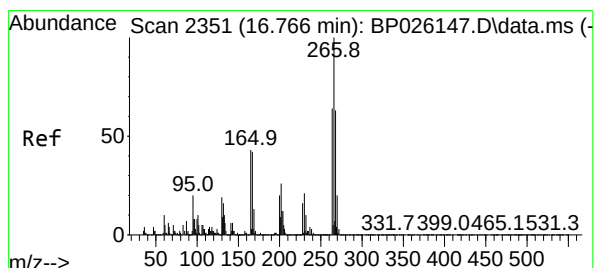
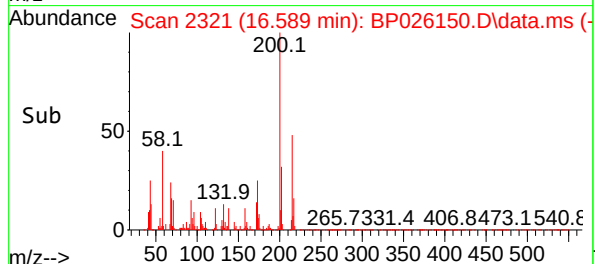
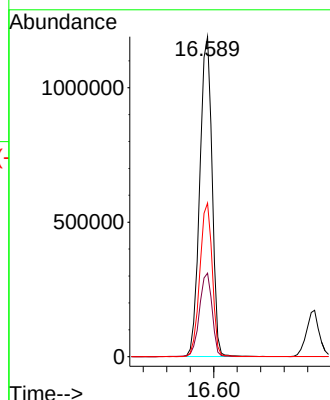
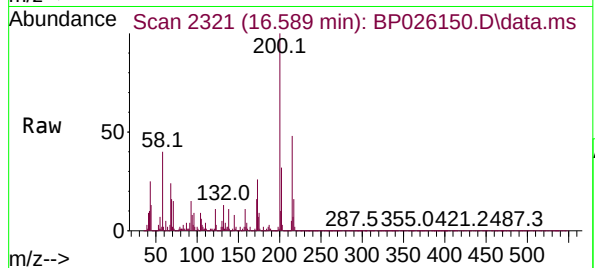
215 48.0 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#70

Pentachlorophenol

Concen: 83.671 ng

RT: 16.772 min Scan# 2352

Delta R.T. -0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

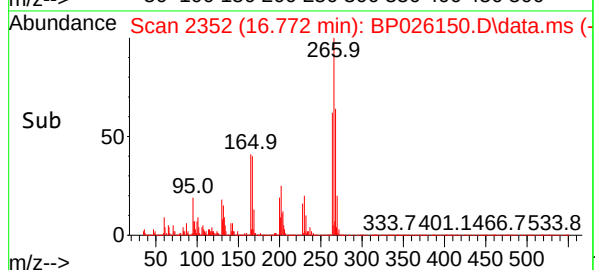
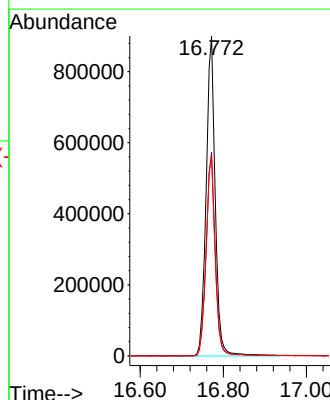
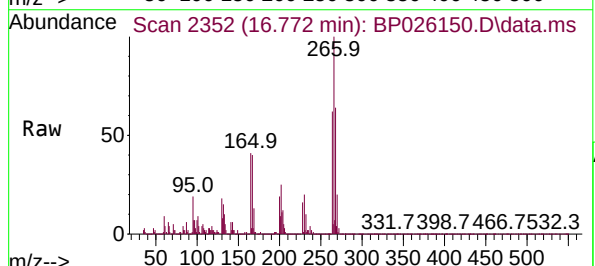
Tgt Ion:266 Resp: 1361754

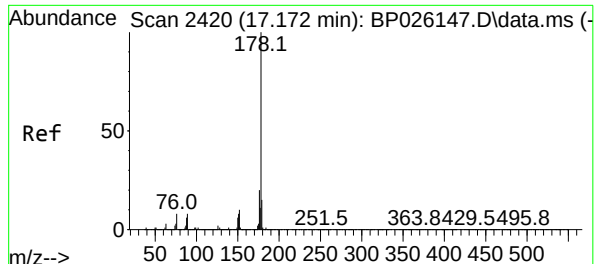
Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.4

264 62.1 50.2 75.2





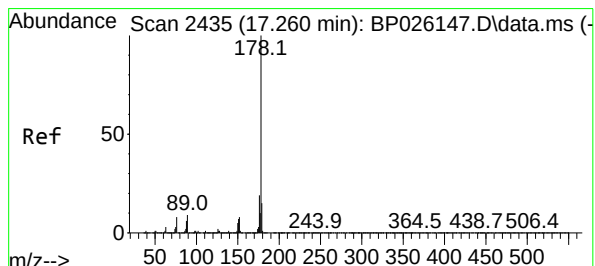
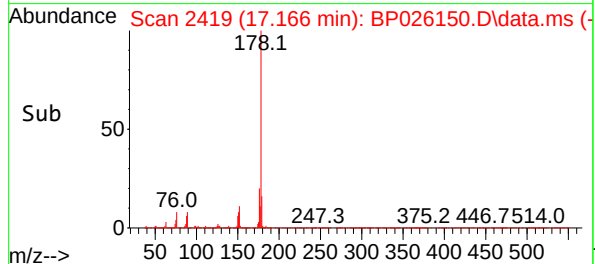
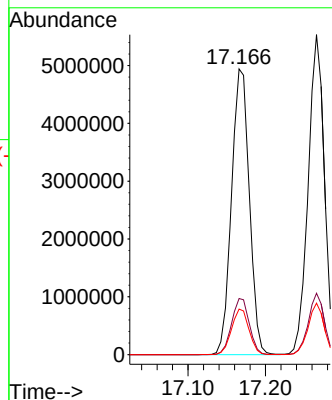
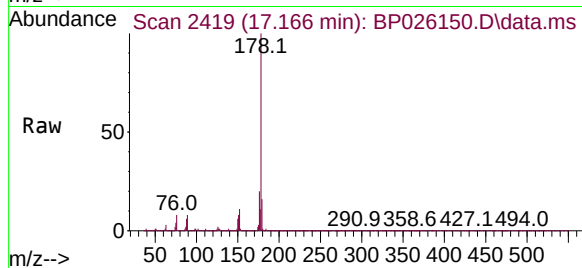
#71
Phenanthrene
Concen: 76.873 ng
RT: 17.166 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 790140
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.9 12.4 18.6

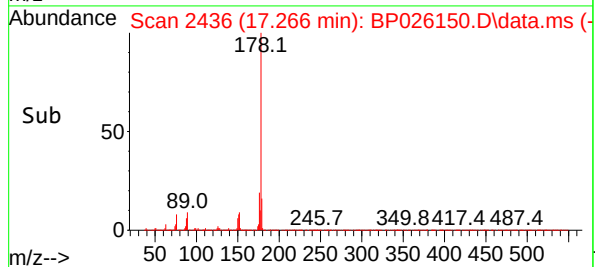
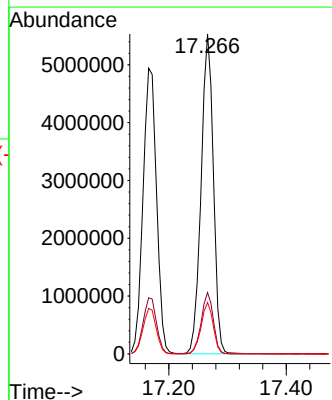
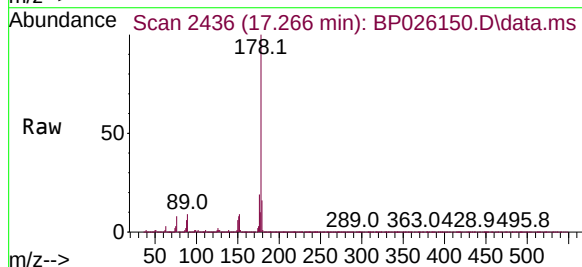
Manual Integrations
APPROVED

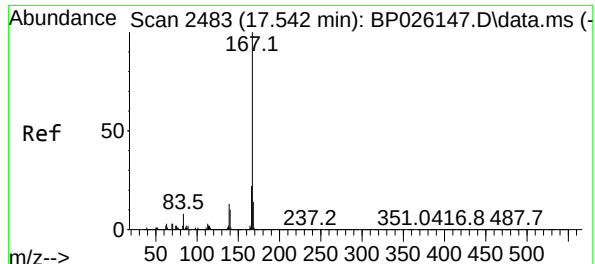
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 76.308 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

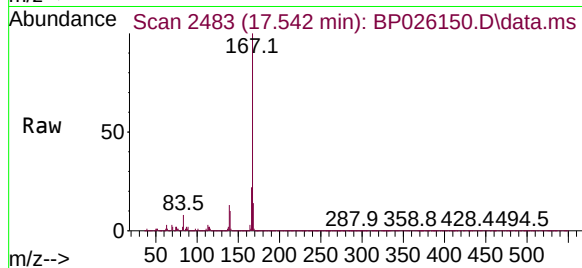
Tgt Ion:178 Resp: 8010628
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 16.1 12.2 18.4





#73
Carbazole
Concen: 75.335 ng
RT: 17.542 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

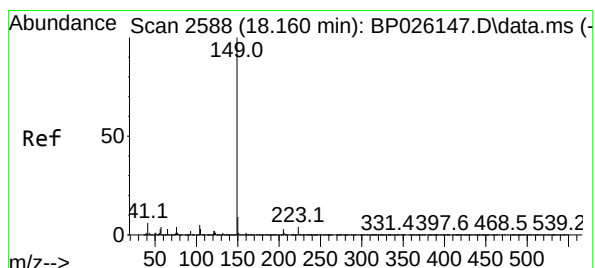
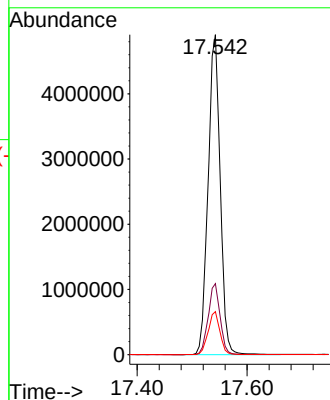
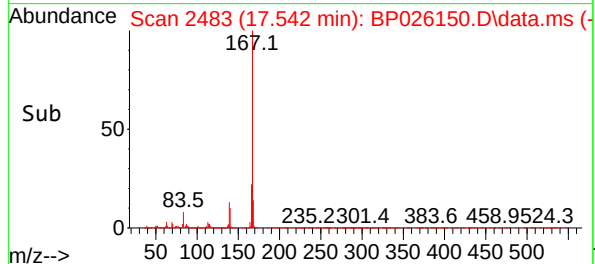
Instrument :
BNA_P
Client Sample Id :
SSTDICC080



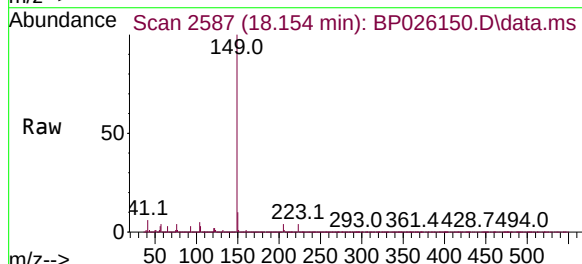
Tgt Ion:167 Resp: 748175
Ion Ratio Lower Upper
167 100
166 22.2 17.1 25.7
139 13.4 10.2 15.4

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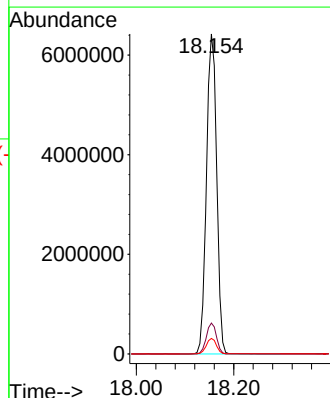
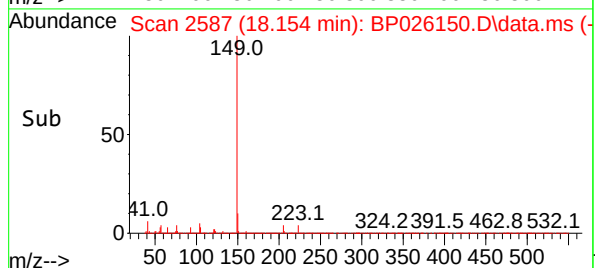
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

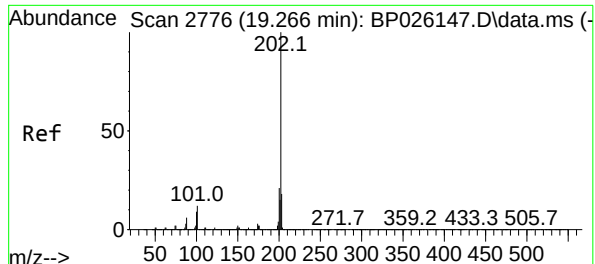


#74
Di-n-butylphthalate
Concen: 79.539 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



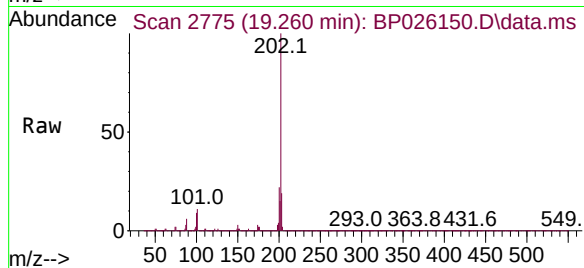
Tgt Ion:149 Resp: 9375432
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 74.439 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

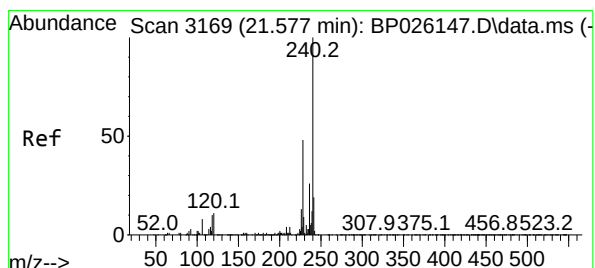
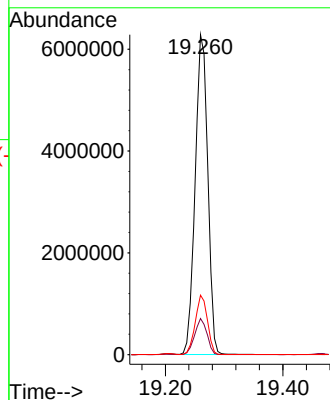
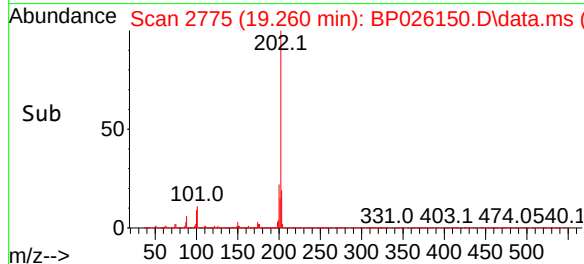
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 9351568
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.2
203 18.6 0.0 37.7

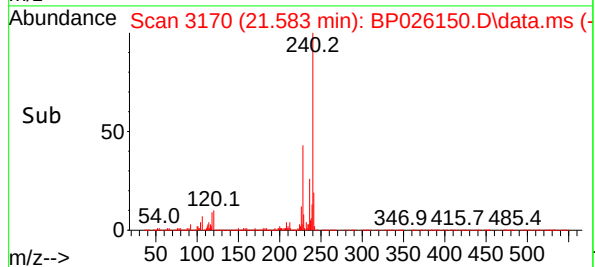
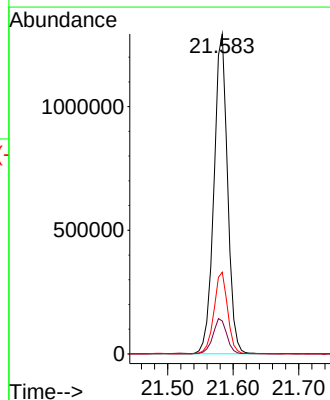
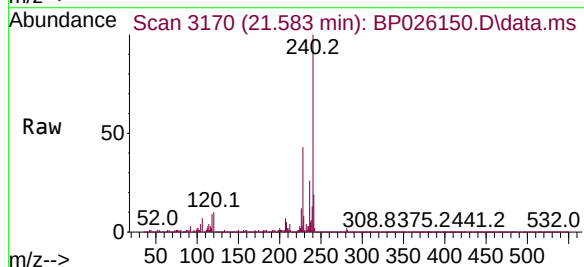
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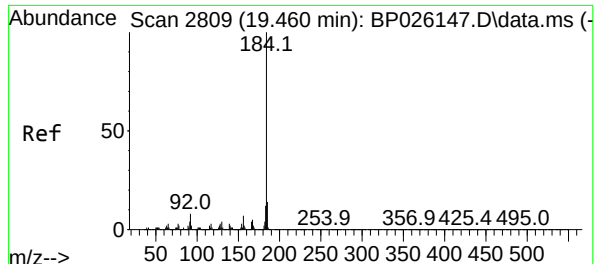
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.012 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:240 Resp: 1872355
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 25.5 20.4 30.6





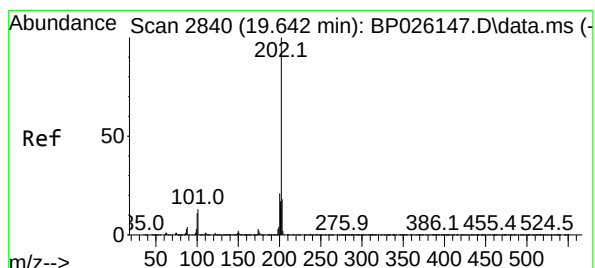
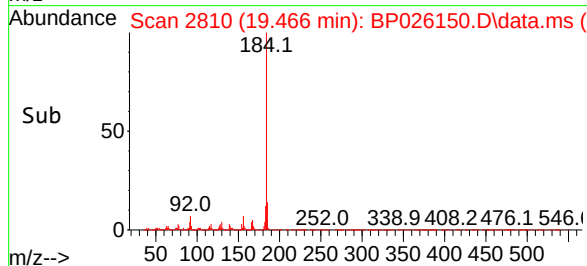
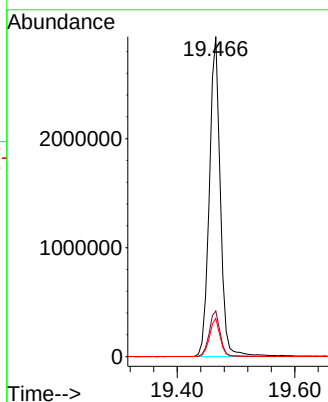
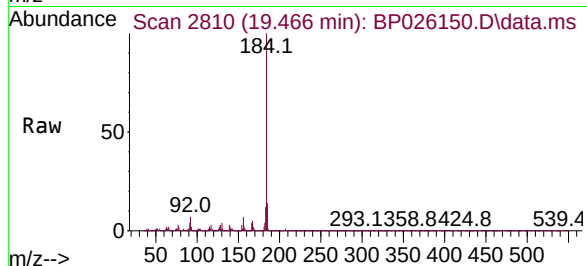
#77
Benzidine
Concen: 65.974 ng
RT: 19.466 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 3802265
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.9 9.0 13.6

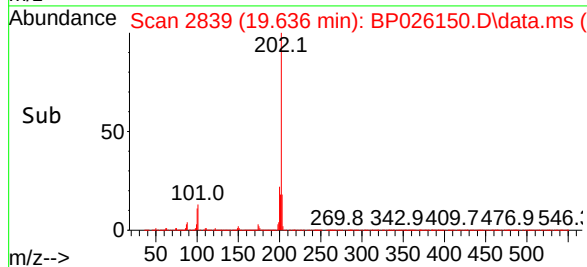
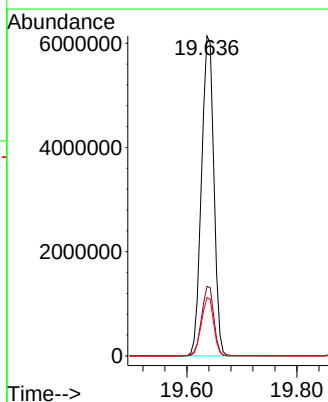
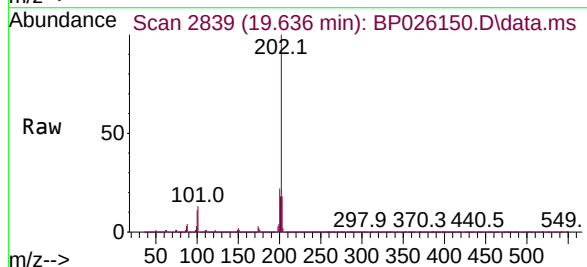
Manual Integrations
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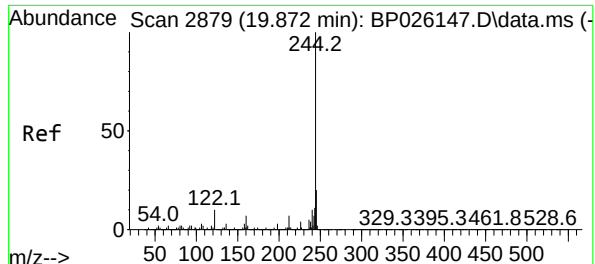
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 78.406 ng
RT: 19.636 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

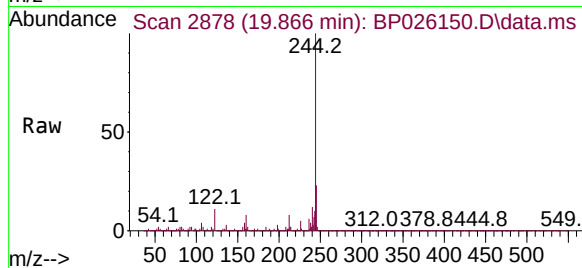
Tgt Ion:202 Resp: 9565086
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.2 13.8 20.8





#79
Terphenyl-d14
Concen: 141.200 ng
RT: 19.866 min Scan# 2879
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

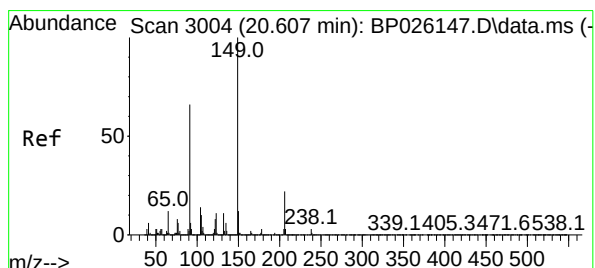
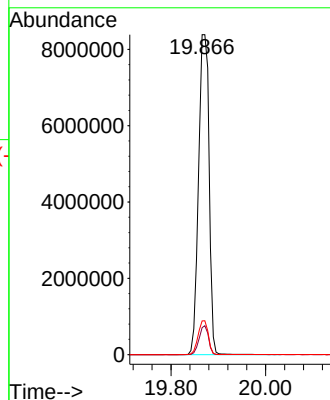
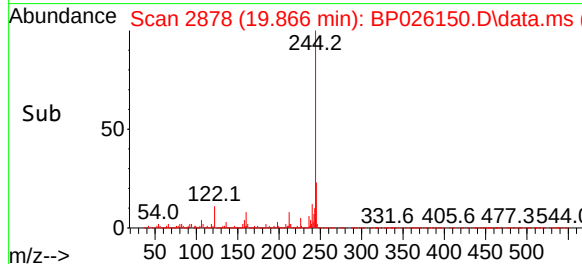
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



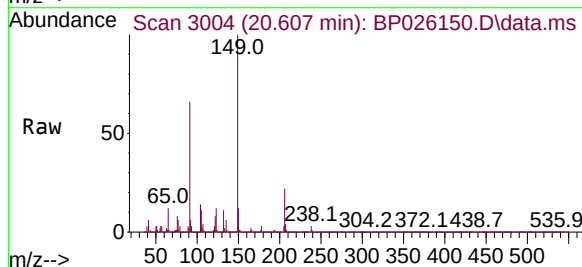
Tgt Ion:244 Resp:1296444
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 10.5 8.2 12.2

Manual Integrations
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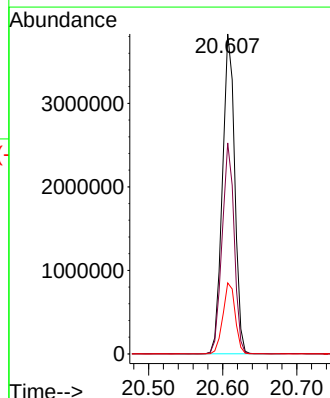
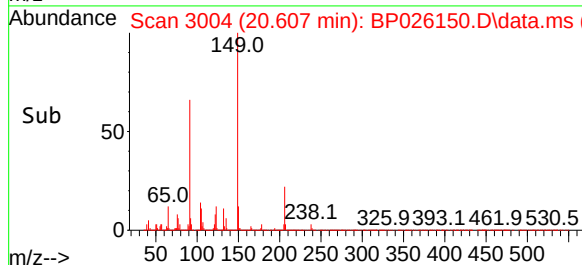
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

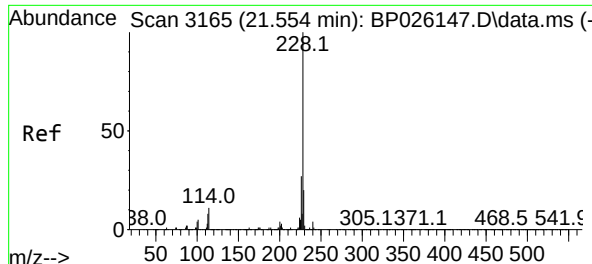


#80
Butylbenzylphthalate
Concen: 80.859 ng
RT: 20.607 min Scan# 3004
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22



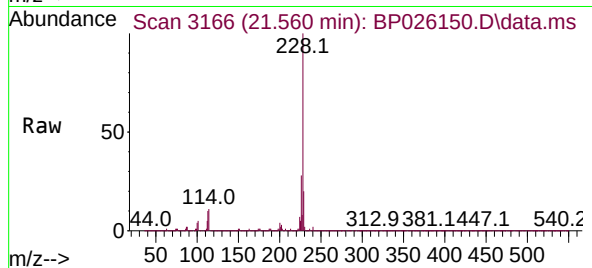
Tgt Ion:149 Resp: 4393302
Ion Ratio Lower Upper
149 100
91 65.9 52.6 79.0
206 22.2 16.9 25.3





#81
Benzo(a)anthracene
Concen: 77.479 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

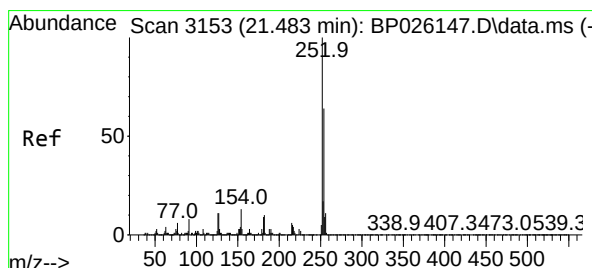
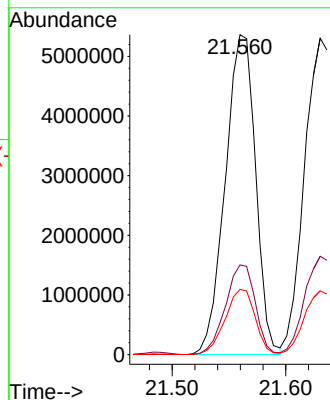
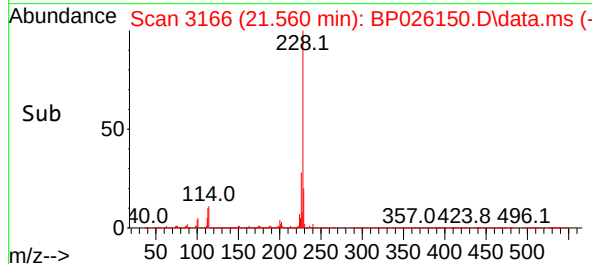
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion:228 Resp: 9949146
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.8
229 20.4 15.9 23.9

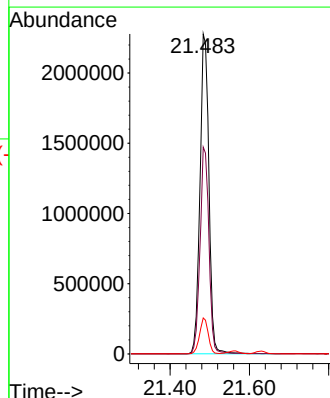
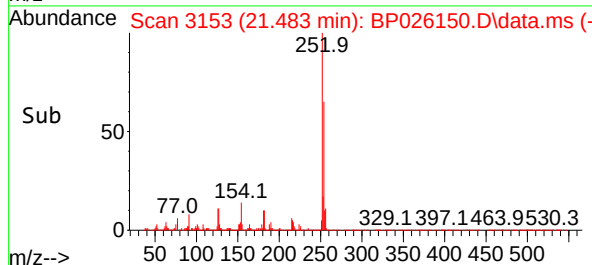
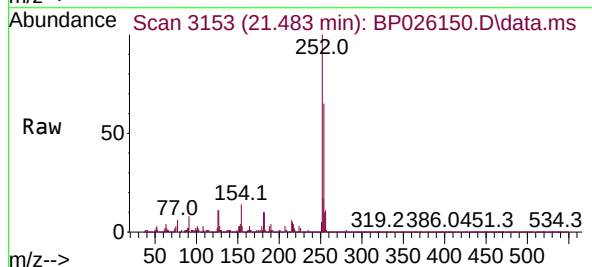
Manual Integrations
APPROVED

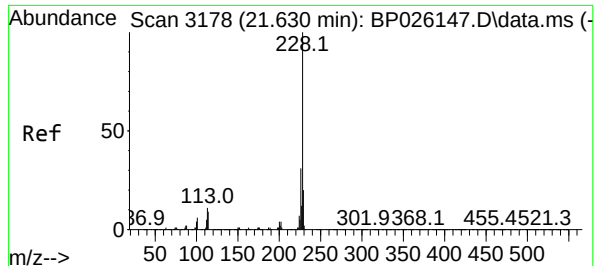
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 76.221 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion:252 Resp: 3556791
Ion Ratio Lower Upper
252 100
254 64.6 51.2 76.8
126 11.2 8.2 12.4





#83

Chrysene

Concen: 77.856 ng

RT: 21.630 min Scan# 3178

Delta R.T. 0.012 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:228 Resp: 941234

Ion Ratio Lower Upper

228 100

226 31.1 23.9 35.9

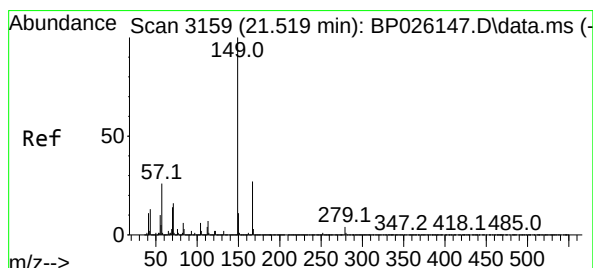
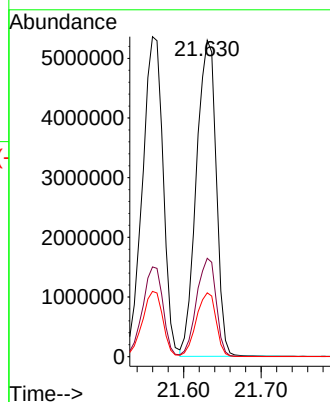
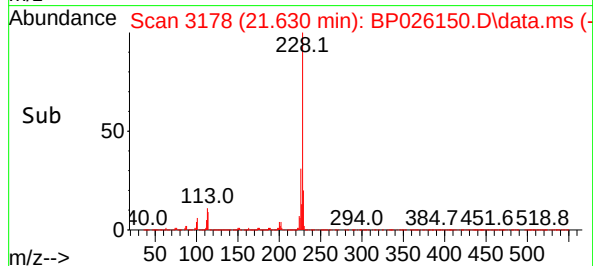
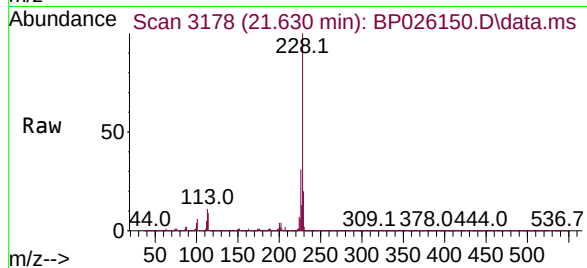
229 20.2 15.9 23.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 83.686 ng

RT: 21.519 min Scan# 3159

Delta R.T. 0.000 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

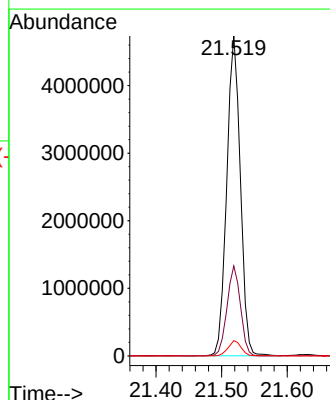
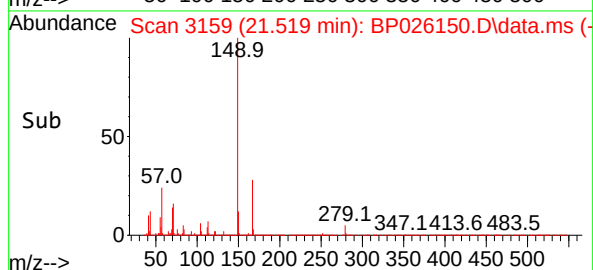
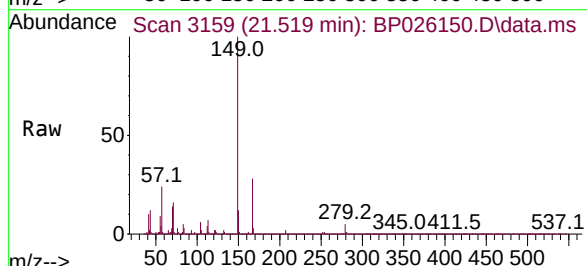
Tgt Ion:149 Resp: 6825162

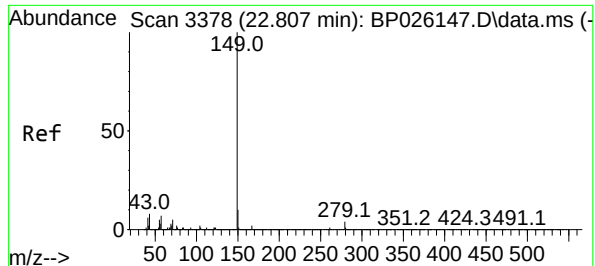
Ion Ratio Lower Upper

149 100

167 28.2 22.1 33.1

279 4.8 3.3 4.9





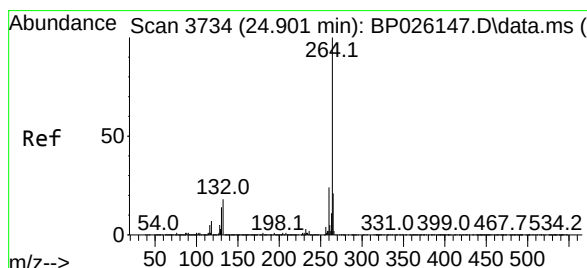
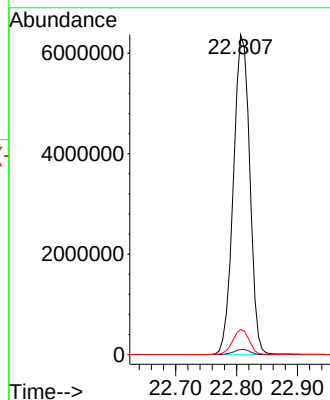
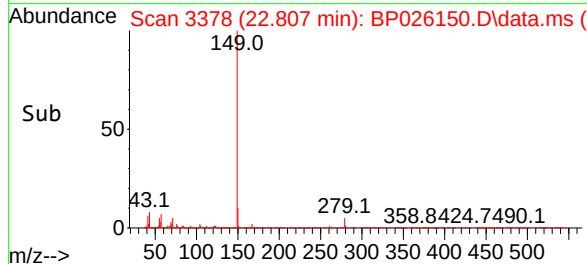
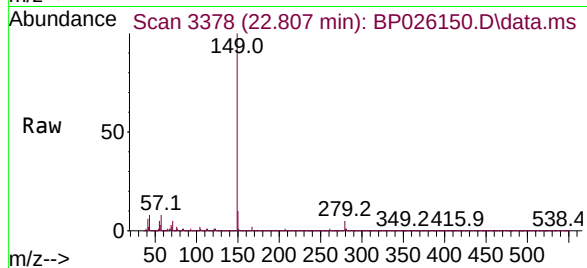
#85
Di-n-octyl phthalate
Concen: 82.666 ng
RT: 22.807 min Scan# 3378
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp:1186472
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.9 6.6 10.0

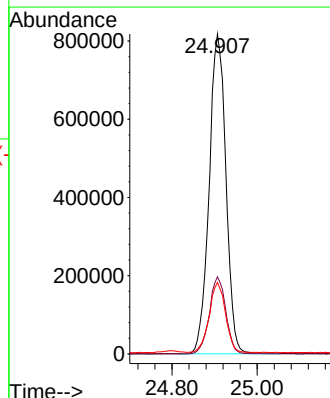
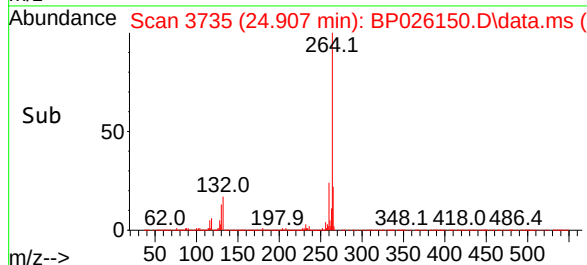
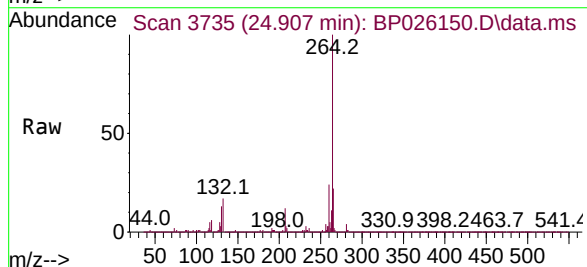
Manual Integrations
APPROVED

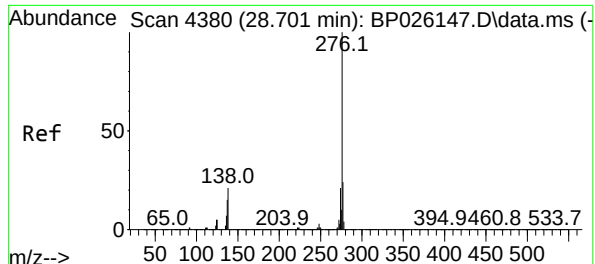
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

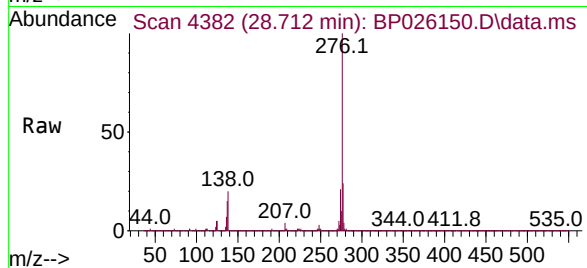
Tgt Ion:264 Resp: 2234365
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.3 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 81.129 ng m
RT: 28.712 min Scan# 4380
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

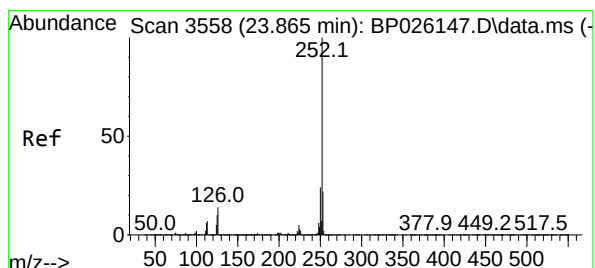
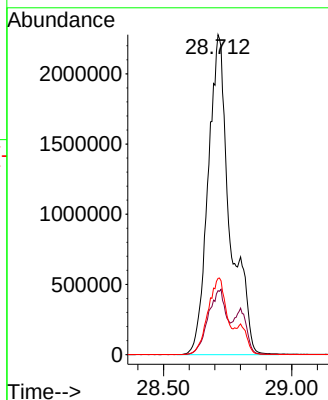
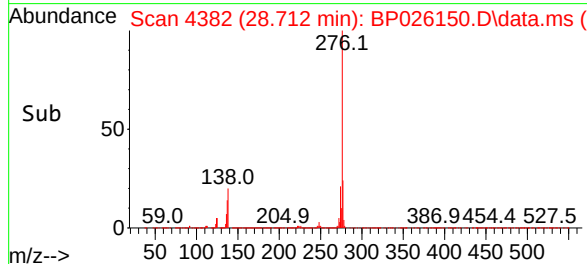
Instrument :
BNA_P
ClientSampleId :
SSTDICC080



Tgt Ion: 276 Resp: 1350425
Ion Ratio Lower Upper
276 100
138 16.8 13.8 20.8
277 20.3 16.7 25.1

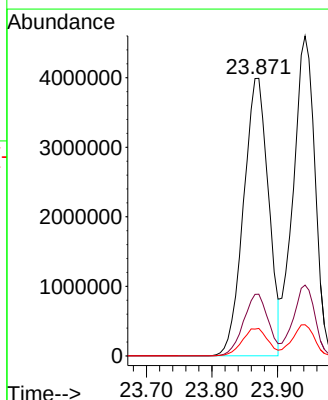
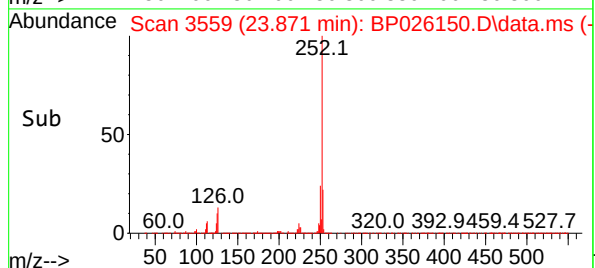
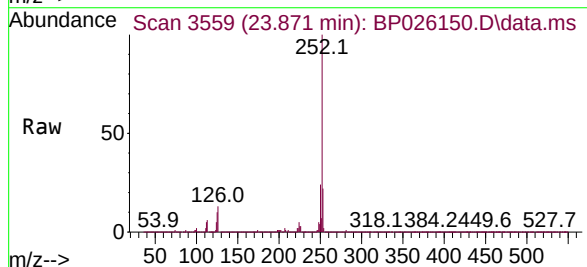
Manual Integrations
APPROVED

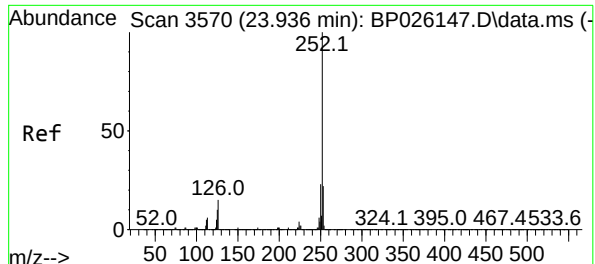
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#88
Benzo(b)fluoranthene
Concen: 77.620 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.006 min
Lab File: BP026150.D
Acq: 18 Nov 2025 21:22

Tgt Ion: 252 Resp: 10544016
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.9 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 78.288 ng

RT: 23.942 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp:1062866

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

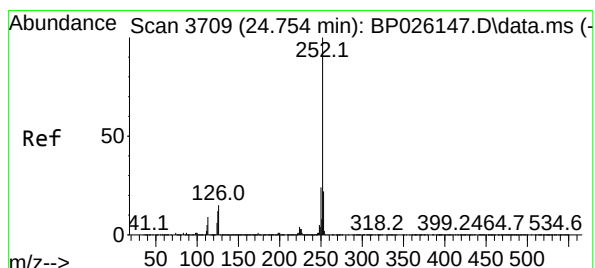
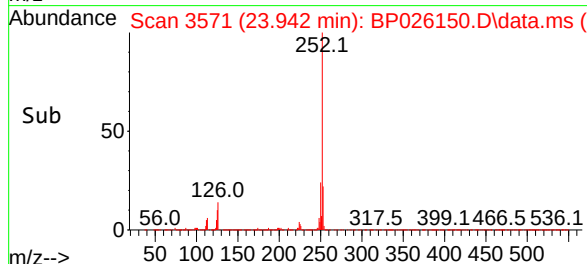
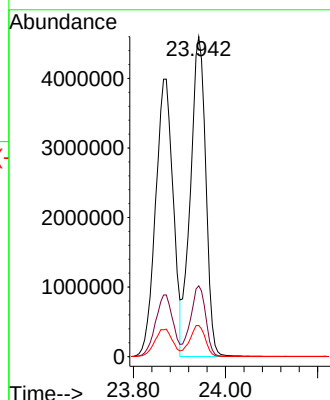
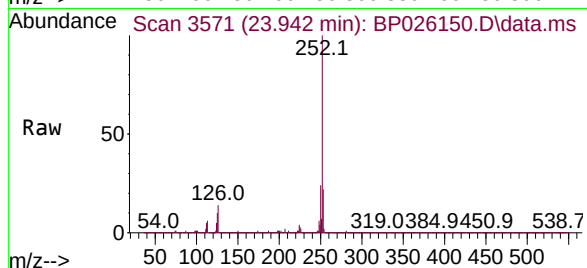
125 9.7 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 79.216 ng

RT: 24.765 min Scan# 3711

Delta R.T. 0.012 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

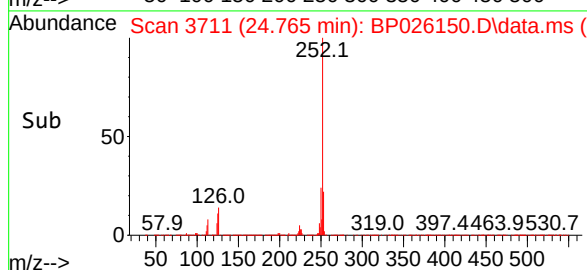
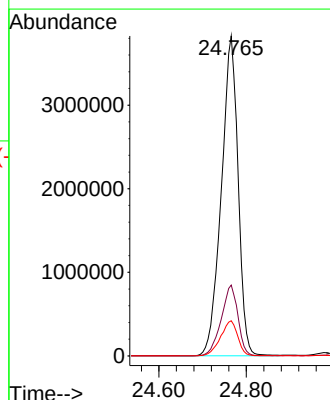
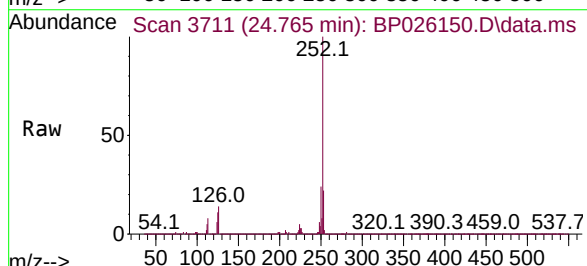
Tgt Ion:252 Resp:10207772

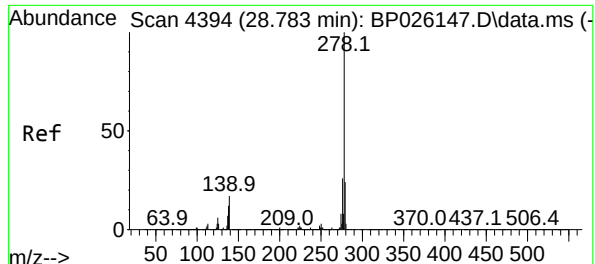
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 11.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 80.721 ng

RT: 28.801 min Scan# 4394

Delta R.T. 0.006 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:278 Resp:1101203

Ion Ratio Lower Upper

278 100

139 16.2 13.2 19.8

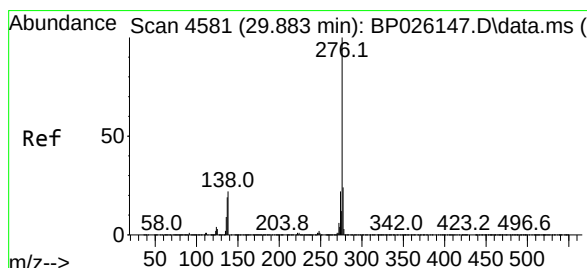
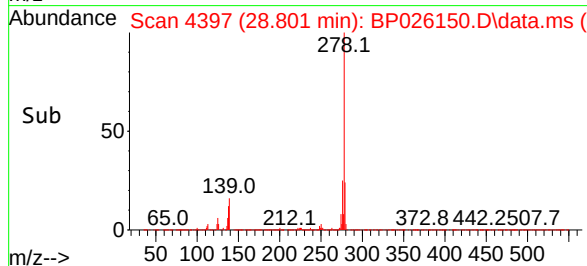
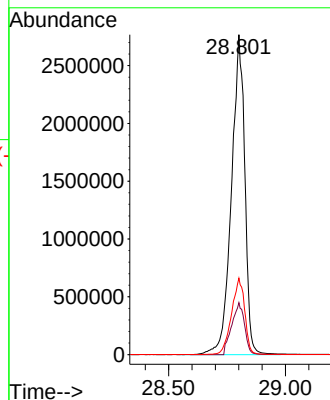
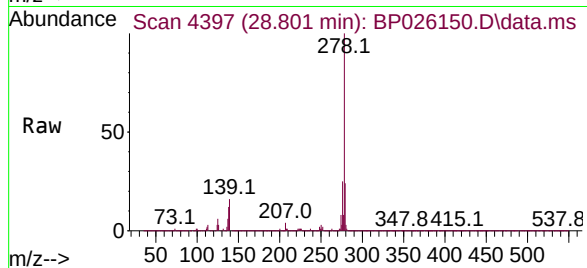
279 23.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#92

Benzo(g,h,i)perylene

Concen: 81.458 ng

RT: 29.906 min Scan# 4585

Delta R.T. 0.024 min

Lab File: BP026150.D

Acq: 18 Nov 2025 21:22

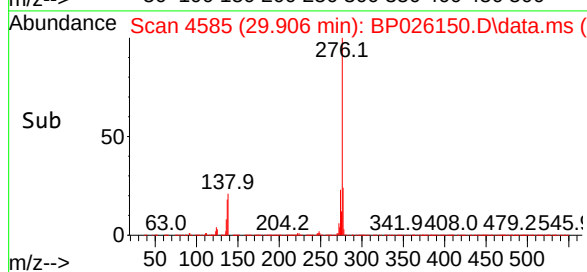
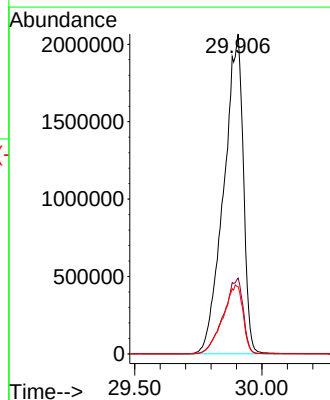
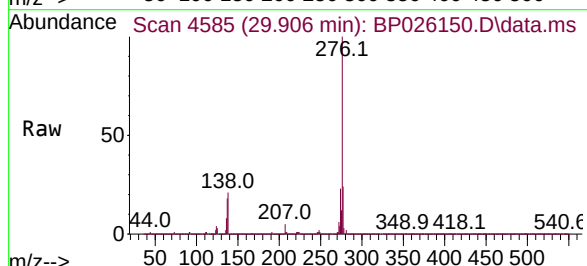
Tgt Ion:276 Resp:11030115

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 21.0 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026151.D
 Acq On : 18 Nov 2025 23:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:25:31 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	361595	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1582932	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	1060115	20.000	ng	0.00
64) Phenanthrene-d10	17.131	188	2119946	20.000	ng	0.00
76) Chrysene-d12	21.577	240	2196318	20.000	ng	0.00
86) Perylene-d12	24.907	264	2586780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1800651	79.929	ng	0.00
7) Phenol-d6	6.855	99	2411815	84.094	ng	0.00
23) Nitrobenzene-d5	8.813	82	2249363	80.717	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	1107358	80.522	ng	0.00
45) 2-Fluorobiphenyl	12.925	172	5498471	76.016	ng	0.00
79) Terphenyl-d14	19.872	244	8445903	78.411	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.225	88	343507	37.593	ng	100
3) Pyridine	3.614	79	1054187	39.921	ng	100
4) n-Nitrosodimethylamine	3.525	42	394191	39.942	ng	97
6) Aniline	7.002	93	1580563	41.740	ng	98
8) 2-Chlorophenol	7.243	128	1055115	41.146	ng	99
9) Benzaldehyde	6.819	77	685617	45.618	ng	100
10) Phenol	6.878	94	1299478	42.060	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	993460	41.067	ng	98
12) 1,3-Dichlorobenzene	7.566	146	1093655	39.587	ng	98
13) 1,4-Dichlorobenzene	7.708	146	1106341	39.742	ng	99
14) 1,2-Dichlorobenzene	8.019	146	1083058	40.516	ng	99
15) Benzyl Alcohol	7.908	79	891170	42.414	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.202	45	1385943	40.794	ng	99
17) 2-Methylphenol	8.108	107	894546	42.532	ng	100
18) Hexachloroethane	8.743	117	409876	40.466	ng	98
19) n-Nitroso-di-n-propyla...	8.472	70	771683	43.311	ng	99
20) 3+4-Methylphenols	8.437	107	1238228	42.486	ng	100
22) Acetophenone	8.484	105	1599641	39.758	ng	# 99
24) Nitrobenzene	8.855	77	1132232	40.166	ng	98
25) Isophorone	9.384	82	2283034	41.325	ng	99
26) 2-Nitrophenol	9.555	139	600692	42.113	ng	99
27) 2,4-Dimethylphenol	9.625	122	1044113	40.595	ng	99
28) bis(2-Chloroethoxy)met...	9.854	93	1398232	40.412	ng	99
29) 2,4-Dichlorophenol	10.096	162	1058748	41.185	ng	100
30) 1,2,4-Trichlorobenzene	10.302	180	1034416	39.515	ng	98
31) Naphthalene	10.496	128	3382899	39.543	ng	99
32) Benzoic acid	9.778	122	916813	42.328	ng	100
33) 4-Chloroaniline	10.590	127	1497158	41.152	ng	99
34) Hexachlorobutadiene	10.790	225	663620	38.979	ng	99
35) Caprolactam	11.390	113	386416	41.978	ng	99
36) 4-Chloro-3-methylphenol	11.731	107	1169352	42.798	ng	99
37) 2-Methylnaphthalene	12.107	142	2480618	40.901	ng	100
38) 1-Methylnaphthalene	12.325	142	2436446	41.101	ng	100
40) 1,2,4,5-Tetrachloroben...	12.490	216	1239031	38.653	ng	99
41) Hexachlorocyclopentadiene	12.472	237	827636	39.451	ng	99
43) 2,4,6-Trichlorophenol	12.725	196	889628	40.482	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026151.D
 Acq On : 18 Nov 2025 23:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:53:10 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 19 01:25:31 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	986131	40.200	ng	98
46) 1,1'-Biphenyl	13.137	154	3104503	38.891	ng	100
47) 2-Chloronaphthalene	13.178	162	2436522	38.816	ng	100
48) 2-Nitroaniline	13.366	65	731047	41.880	ng	94
49) Acenaphthylene	14.031	152	4108111	39.676	ng	99
50) Dimethylphthalate	13.766	163	3116904	39.365	ng	100
51) 2,6-Dinitrotoluene	13.878	165	675339	43.045	ng	100
52) Acenaphthene	14.378	154	2361523	38.919	ng	99
53) 3-Nitroaniline	14.213	138	782672	42.369	ng	99
54) 2,4-Dinitrophenol	14.419	184	403157	42.569	ng	98
55) Dibenzofuran	14.719	168	3668770	39.037	ng	100
56) 4-Nitrophenol	14.531	139	673671	40.312	ng	98
57) 2,4-Dinitrotoluene	14.684	165	997423	42.577	ng	99
58) Fluorene	15.389	166	2894223	38.962	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	846319	40.668	ng	100
60) Diethylphthalate	15.160	149	3115428	39.059	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	1437111	38.882	ng	100
62) 4-Nitroaniline	15.401	138	780732	40.700	ng	99
63) Azobenzene	15.684	77	2678923	39.832	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	568324	42.199	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2623713	40.009	ng	100
67) 4-Bromophenyl-phenylether	16.301	248	960730	40.921	ng	99
68) Hexachlorobenzene	16.419	284	1097761	40.295	ng	96
69) Atrazine	16.589	200	985277	39.843	ng	99
70) Pentachlorophenol	16.772	266	775987	40.719	ng	99
71) Phenanthrene	17.178	178	4768475	39.930	ng	100
72) Anthracene	17.266	178	4875395	40.026	ng	99
73) Carbazole	17.536	167	4601692	39.777	ng	100
74) Di-n-butylphthalate	18.154	149	5331384	38.873	ng	100
75) Fluoranthene	19.260	202	5678696	39.137	ng	100
77) Benzidine	19.466	184	2769880	39.739	ng	99
78) Pyrene	19.636	202	5858930	40.685	ng	99
80) Butylbenzylphthalate	20.613	149	2485794	39.196	ng	99
81) Benzo(a)anthracene	21.560	228	5995605	39.748	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	2205669	40.210	ng	98
83) Chrysene	21.624	228	5679377	39.951	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	3741593	38.974	ng	100
85) Di-n-octyl phthalate	22.807	149	6475670	38.576	ng	99
87) Indeno(1,2,3-cd)pyrene	28.701	276	7731323m	39.852	ng	
88) Benzo(b)fluoranthene	23.860	252	6338827	40.239	ng	100
89) Benzo(k)fluoranthene	23.936	252	6104845	38.799	ng	100
90) Benzo(a)pyrene	24.754	252	5947125	39.855	ng	100
91) Dibenzo(a,h)anthracene	28.783	278	6347656	39.970	ng	100
92) Benzo(g,h,i)perylene	29.859	276	6346496	40.207	ng	100

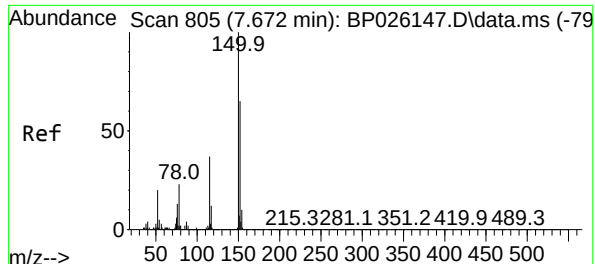
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025





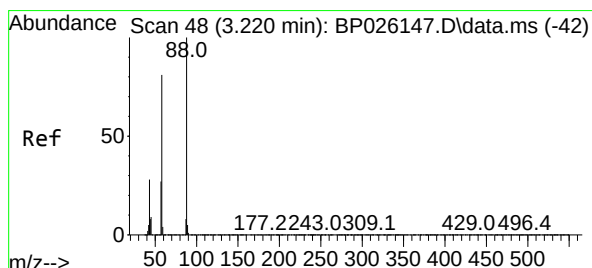
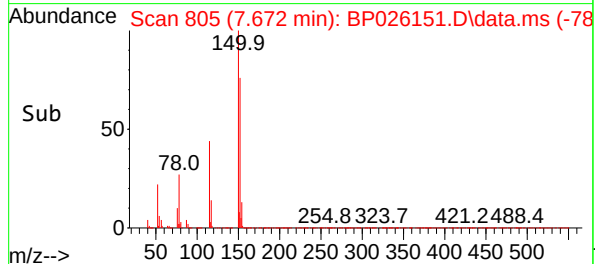
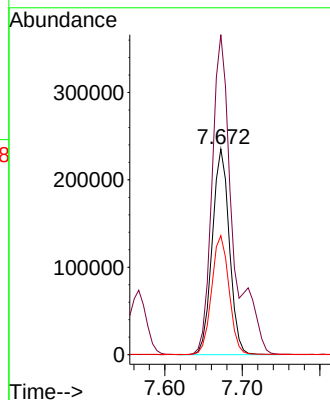
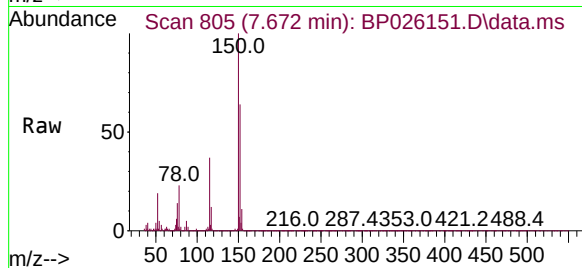
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
Client Sample Id :
ICVBP111825

Tgt Ion: 152 Resp: 361595
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.6
115 57.9 46.3 69.5

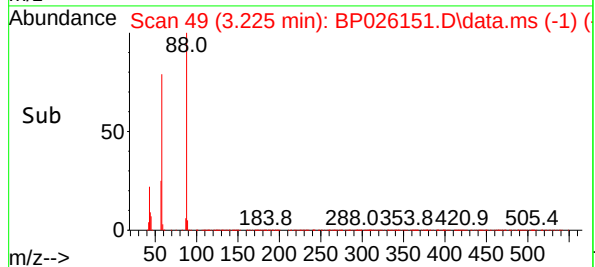
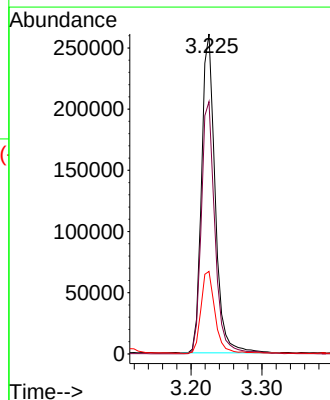
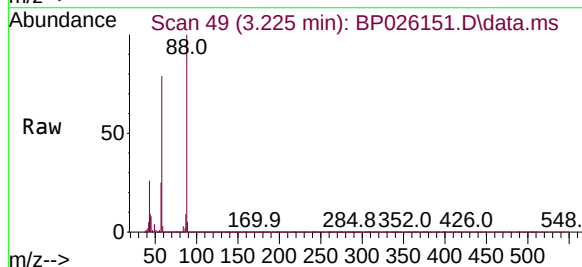
Manual Integrations
APPROVED

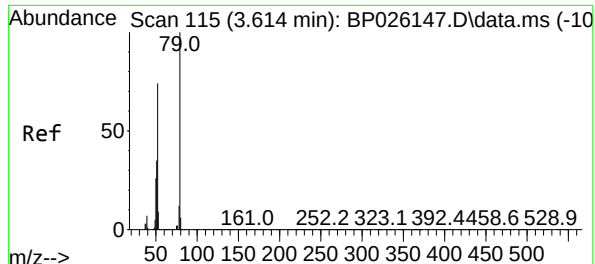
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 37.593 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 88 Resp: 343507
Ion Ratio Lower Upper
88 100
58 80.0 64.2 96.4
43 26.8 21.5 32.3





#3

Pyridine

Concen: 39.921 ng

RT: 3.614 min Scan# 115

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion: 79 Resp: 105418

Ion Ratio Lower Upper

79 100

52 75.1 60.2 90.2

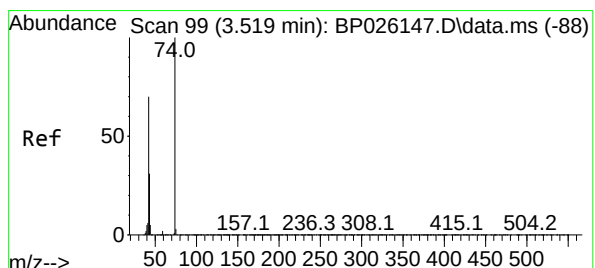
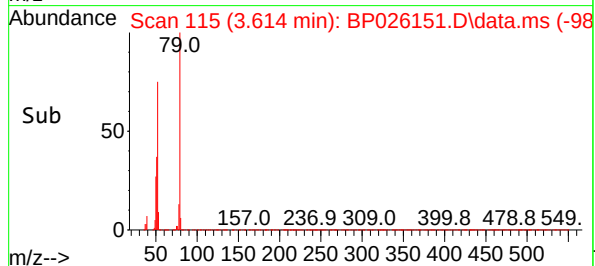
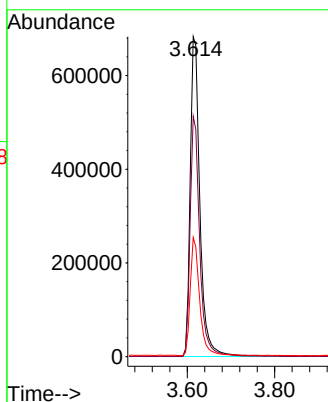
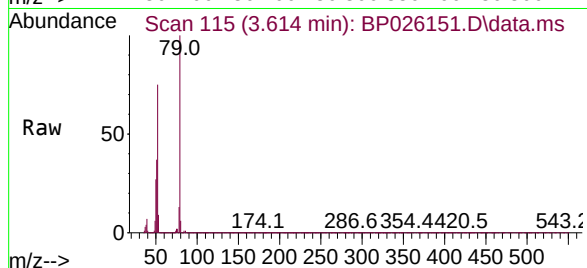
51 37.2 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#4

n-Nitrosodimethylamine

Concen: 39.942 ng

RT: 3.525 min Scan# 100

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

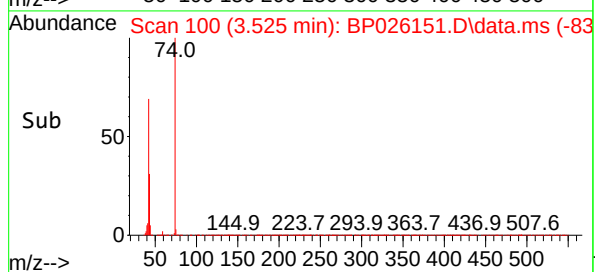
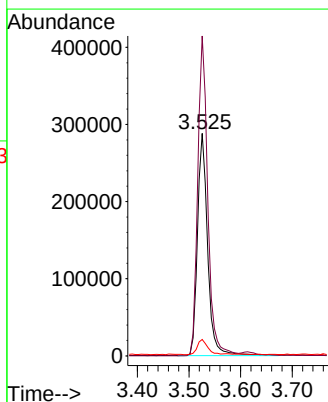
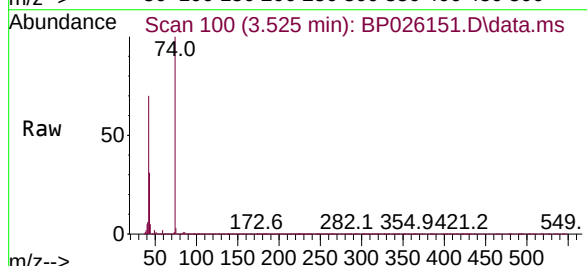
Tgt Ion: 42 Resp: 394191

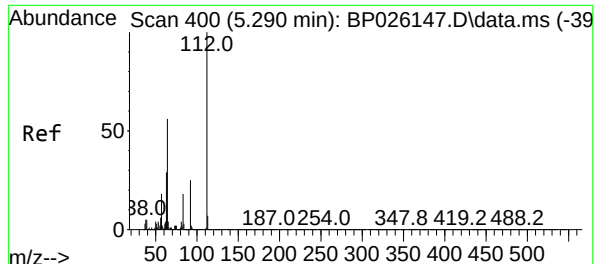
Ion Ratio Lower Upper

42 100

74 143.8 118.1 177.1

44 7.3 6.2 9.4





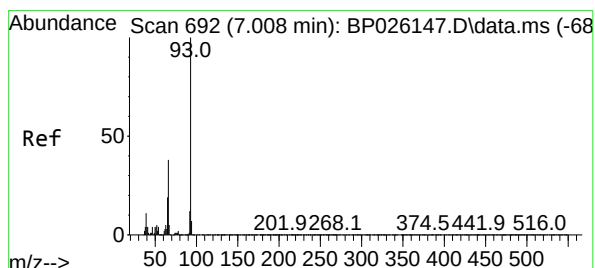
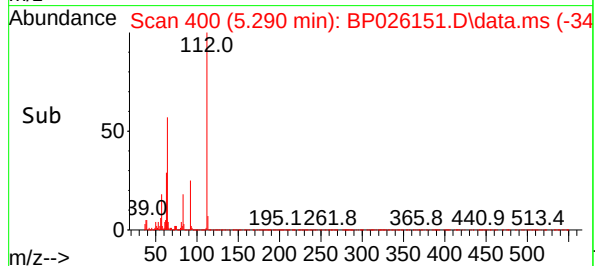
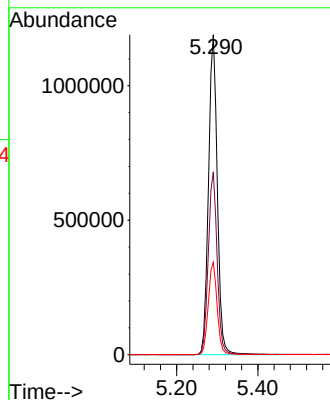
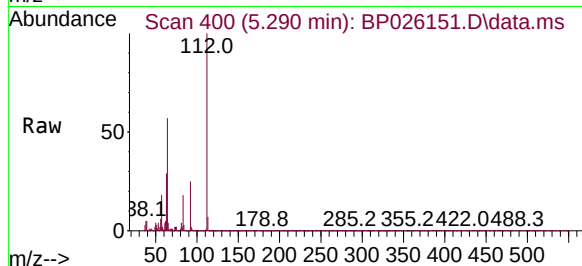
#5
2-Fluorophenol
Concen: 79.929 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion: 112 Resp: 180065
Ion Ratio Lower Upper
112 100
64 57.1 45.8 68.6
63 28.9 23.5 35.3

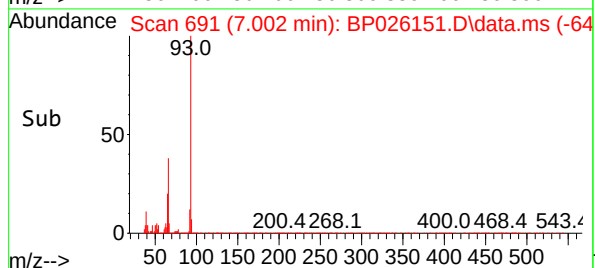
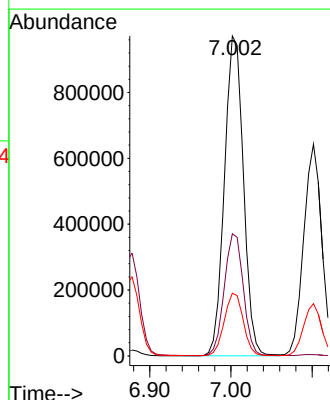
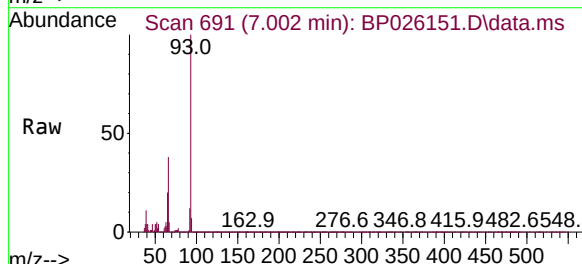
Manual Integrations
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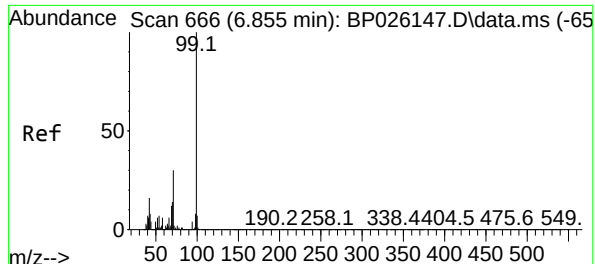
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 41.740 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 93 Resp: 1580563
Ion Ratio Lower Upper
93 100
66 38.2 31.7 47.5
65 19.6 15.8 23.6





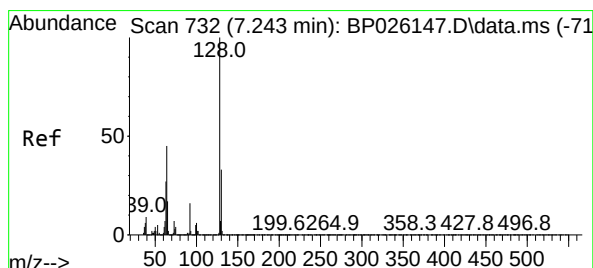
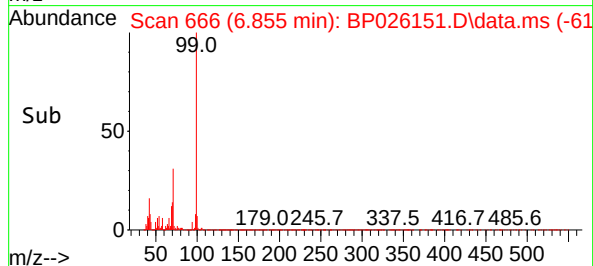
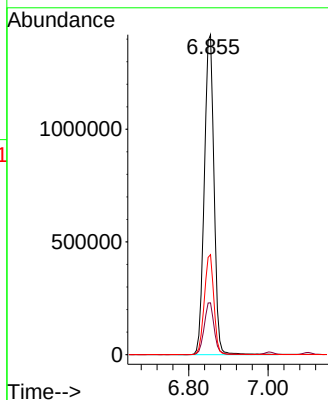
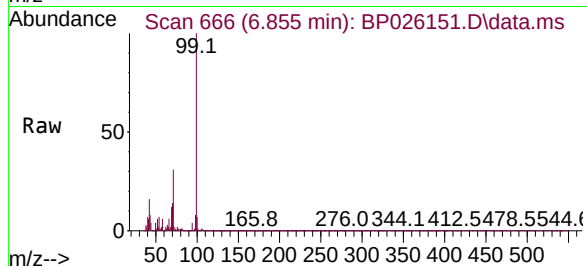
#7
Phenol-d6
Concen: 84.094 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion: 99 Resp: 2411815
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 31.2 24.8 37.2

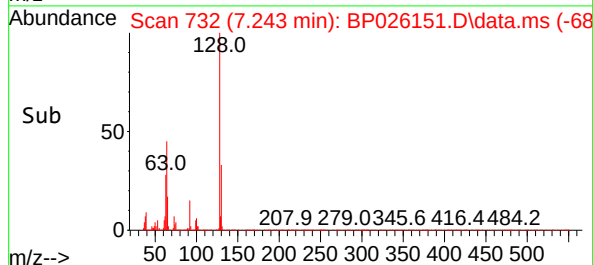
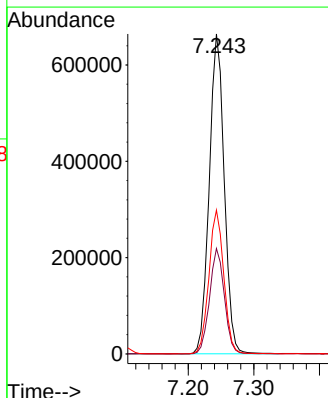
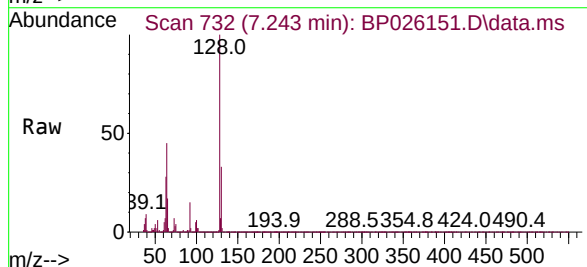
Manual Integrations
APPROVED

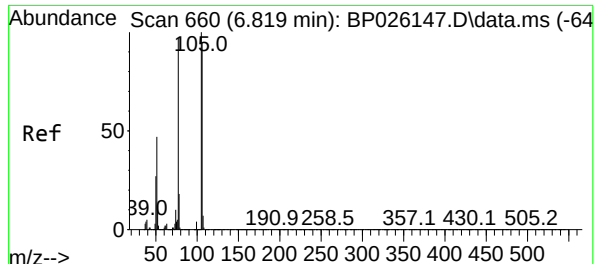
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#8
2-Chlorophenol
Concen: 41.146 ng
RT: 7.243 min Scan# 732
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:128 Resp: 1055115
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 44.9 23.9 63.9





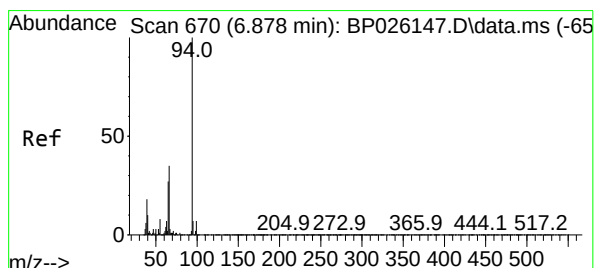
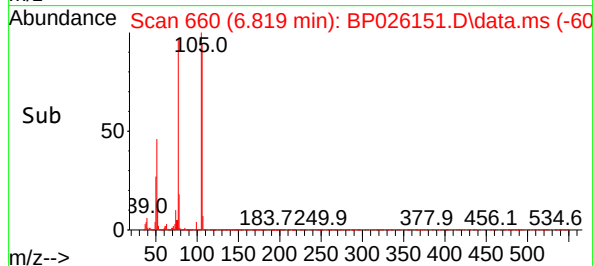
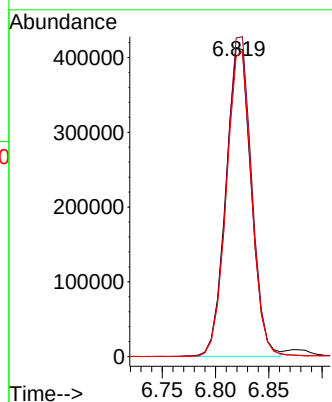
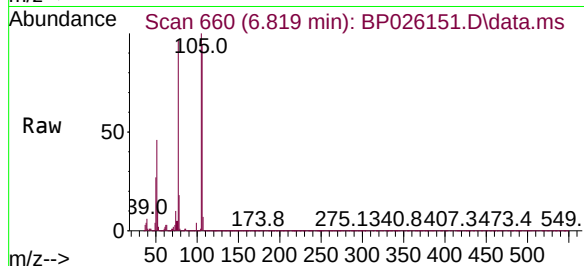
#9
Benzaldehyde
Concen: 45.618 ng
RT: 6.819 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion: 77 Resp: 68561
Ion Ratio Lower Upper
77 100
105 103.2 82.9 122.9
106 97.1 77.8 117.8

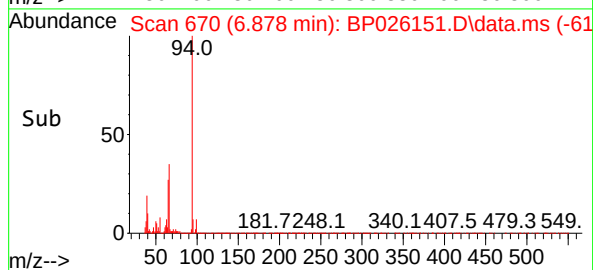
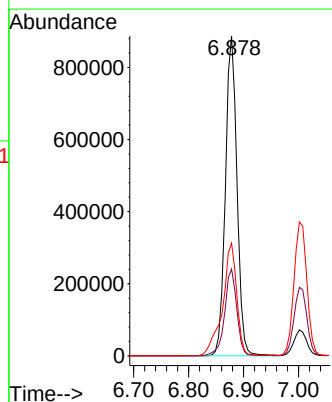
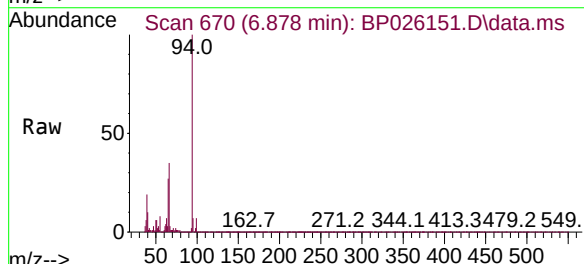
Manual Integrations
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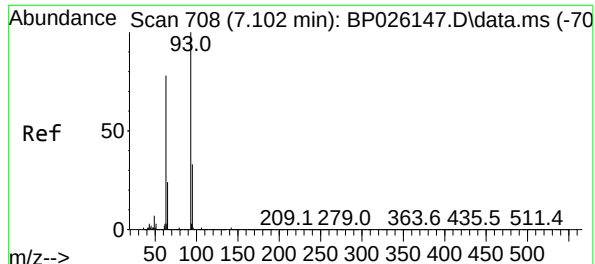
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#10
Phenol
Concen: 42.060 ng
RT: 6.878 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 94 Resp: 1299478
Ion Ratio Lower Upper
94 100
65 27.1 7.0 47.0
66 35.2 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 41.067 ng

RT: 7.102 min Scan# 708

Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion: 93 Resp: 993460

Ion Ratio Lower Upper

93 100

63 76.9 58.8 98.8

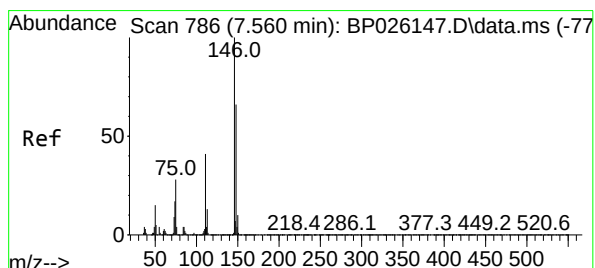
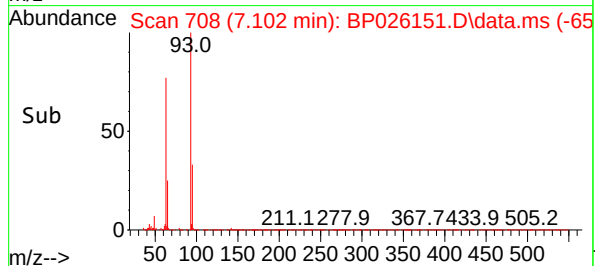
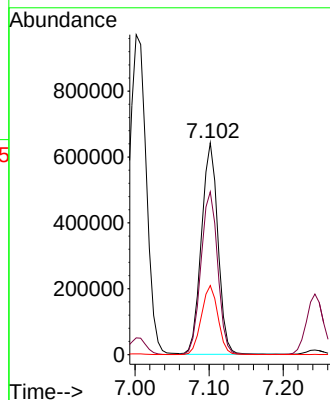
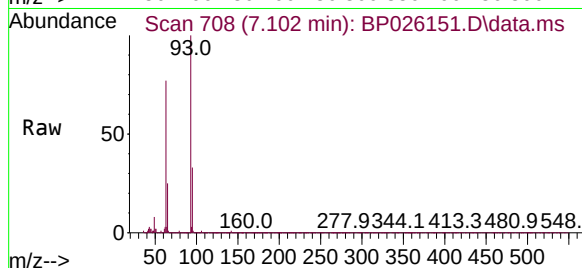
95 32.6 12.1 52.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#12

1,3-Dichlorobenzene

Concen: 39.587 ng

RT: 7.566 min Scan# 787

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

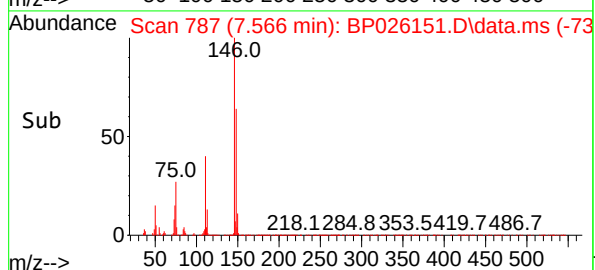
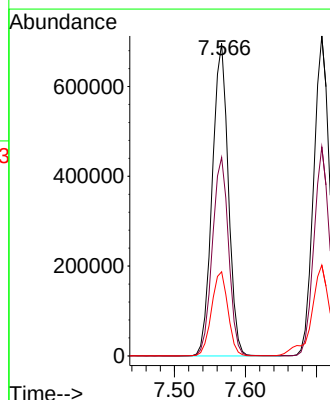
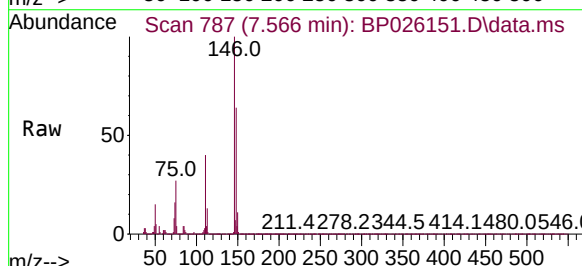
Tgt Ion:146 Resp: 1093655

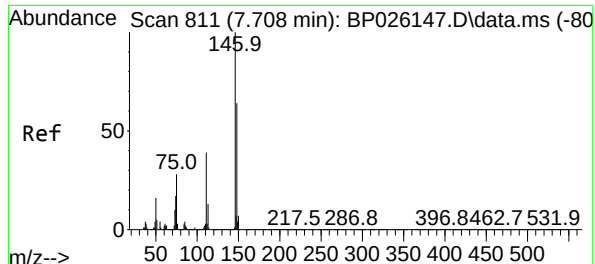
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

75 26.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 39.742 ng

RT: 7.708 min Scan# 811

Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:146 Resp: 110634

Ion Ratio Lower Upper

146 100

148 65.3 51.4 77.2

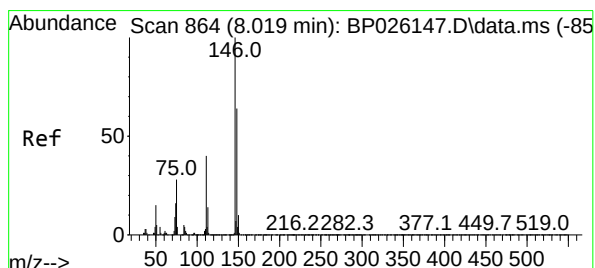
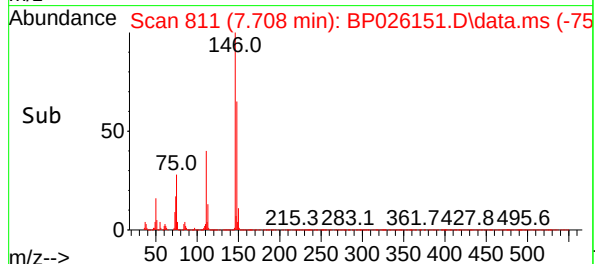
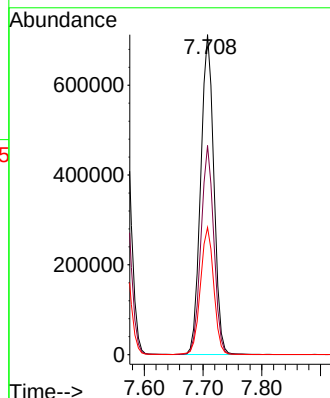
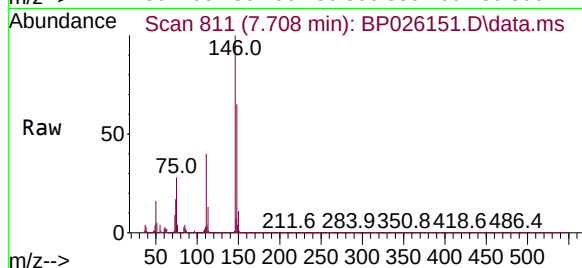
111 39.7 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 40.516 ng

RT: 8.019 min Scan# 864

Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

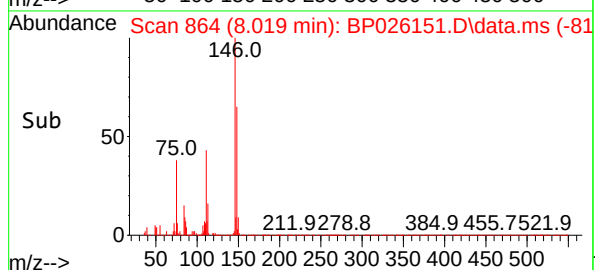
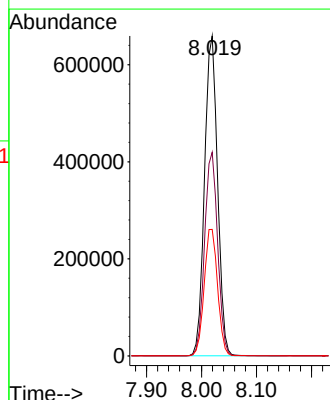
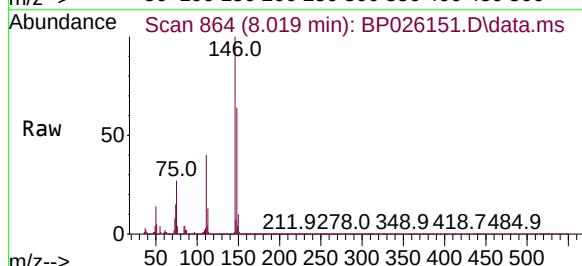
Tgt Ion:146 Resp: 1083058

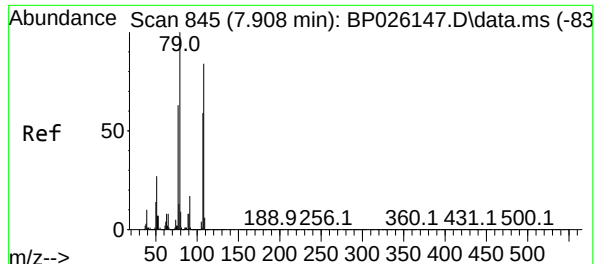
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 39.5 33.0 49.4





#15

Benzyl Alcohol

Concen: 42.414 ng

RT: 7.908 min Scan# 845

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

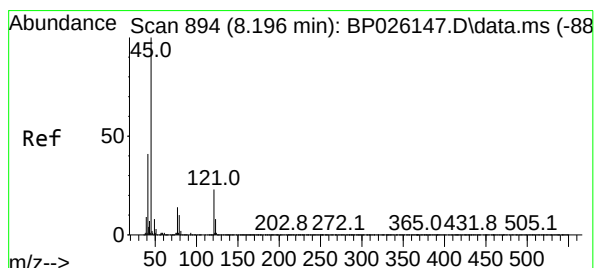
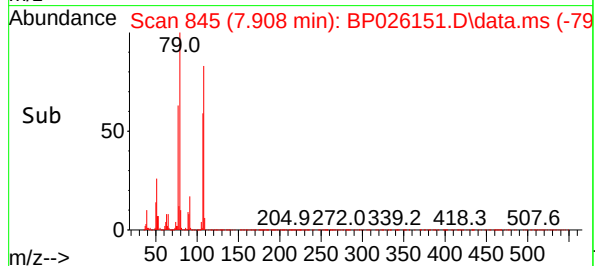
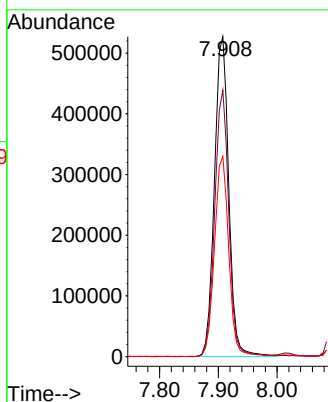
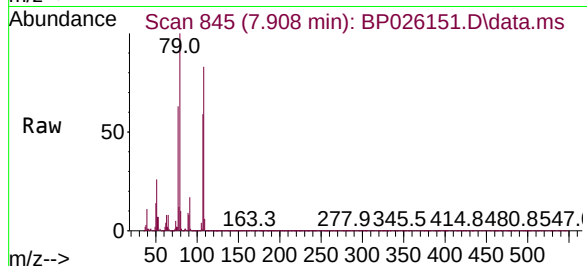
ClientSampleId :

ICVBP111825

Tgt Ion:	79	Resp:	891170
Ion	Ratio	Lower	Upper
79	100		
108	83.2	66.2	99.4
77	62.6	50.0	75.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.794 ng

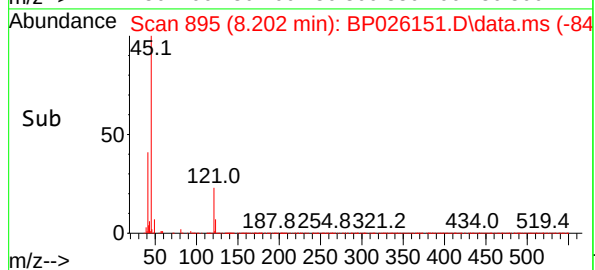
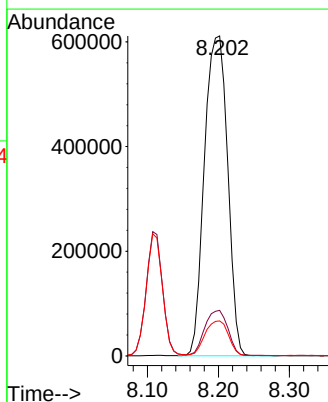
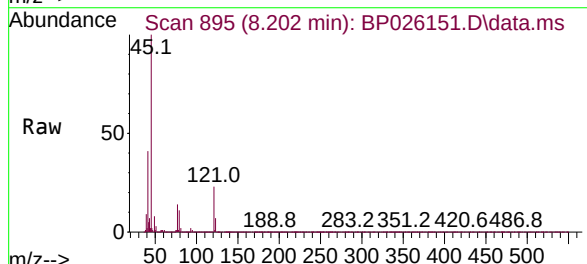
RT: 8.202 min Scan# 895

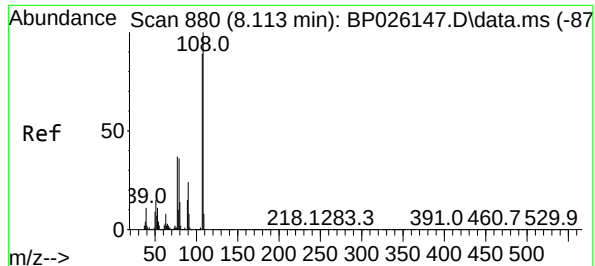
Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

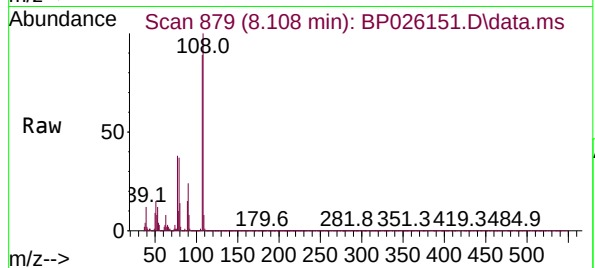
Tgt Ion:	45	Resp:	1385943
Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.9
79	10.9	0.0	30.4





#17
2-Methylphenol
Concen: 42.532 ng
RT: 8.108 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

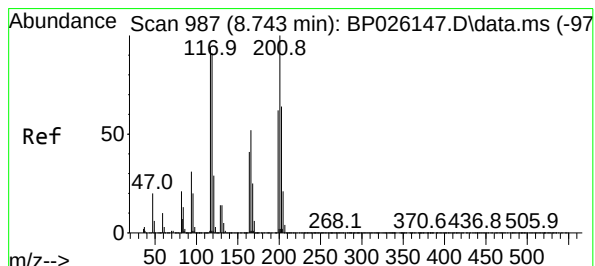
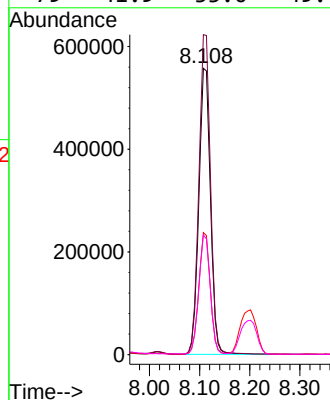
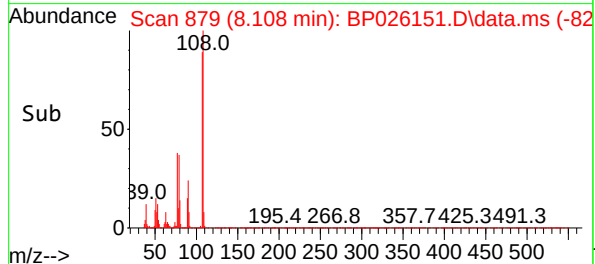
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



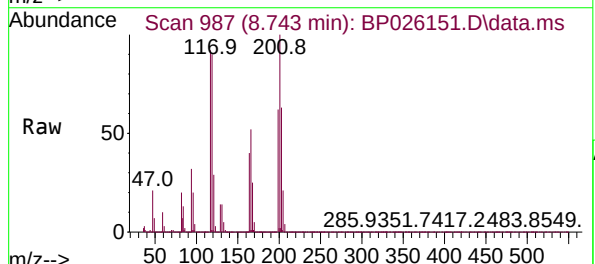
Tgt Ion:107 Resp: 894546
Ion Ratio Lower Upper
107 100
108 111.8 89.7 134.5
77 42.6 33.9 50.9
79 41.9 33.0 49.4

Manual Integrations
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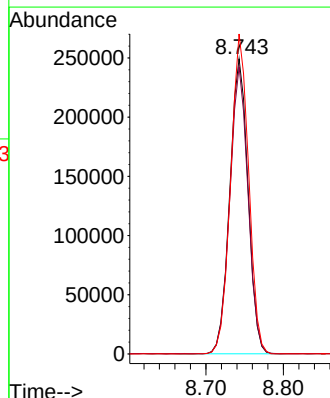
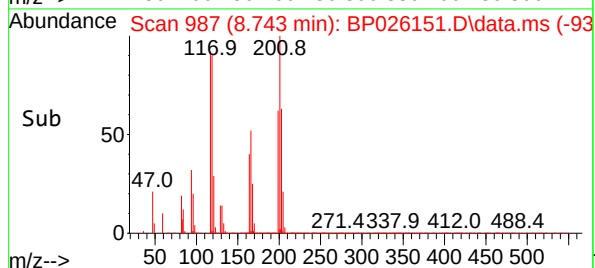
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

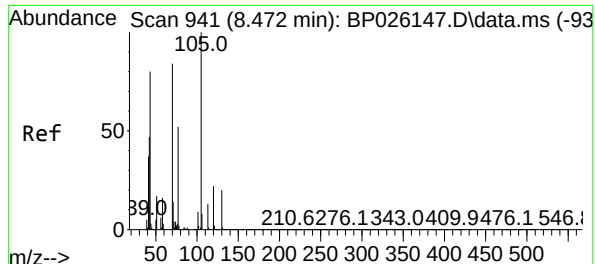


#18
Hexachloroethane
Concen: 40.466 ng
RT: 8.743 min Scan# 987
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25



Tgt Ion:117 Resp: 409876
Ion Ratio Lower Upper
117 100
119 97.2 78.7 118.1
201 108.4 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.311 ng

RT: 8.472 min Scan# 941

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion: 70 Resp: 771683

Ion Ratio Lower Upper

70 100

42 55.8 44.1 66.1

101 10.5 8.2 12.4

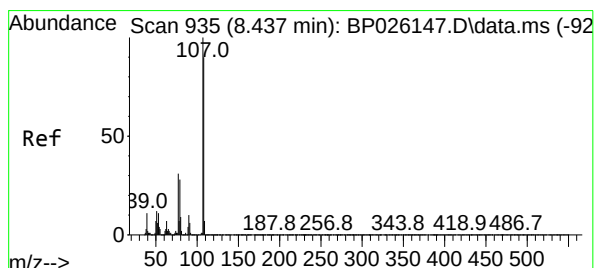
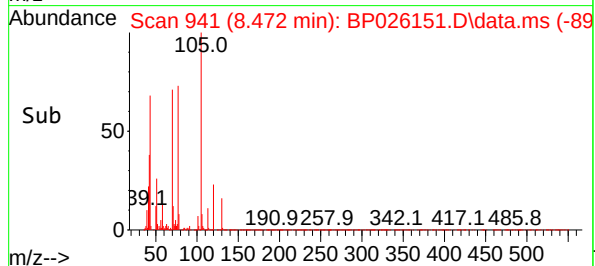
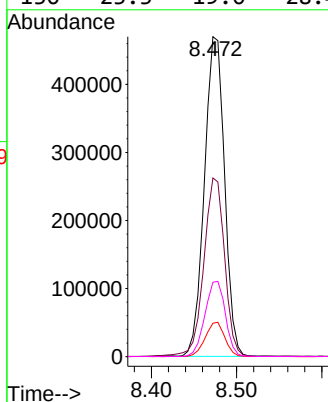
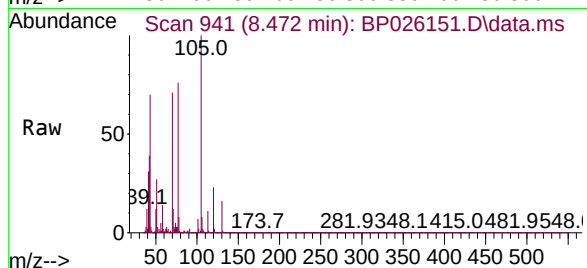
130 23.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 42.486 ng

RT: 8.437 min Scan# 935

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Tgt Ion:107 Resp: 1238228

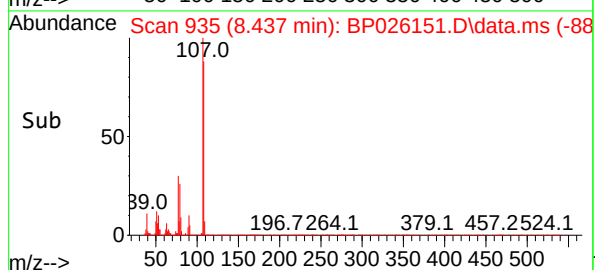
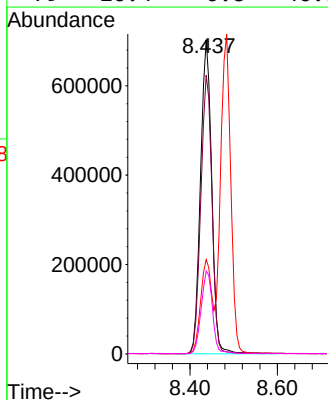
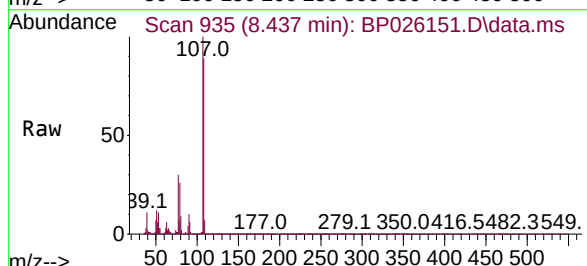
Ion Ratio Lower Upper

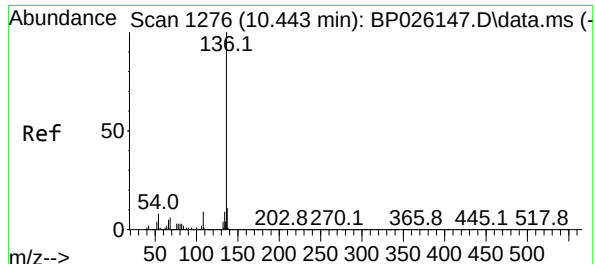
107 100

108 88.8 68.9 108.9

77 30.0 10.4 50.4

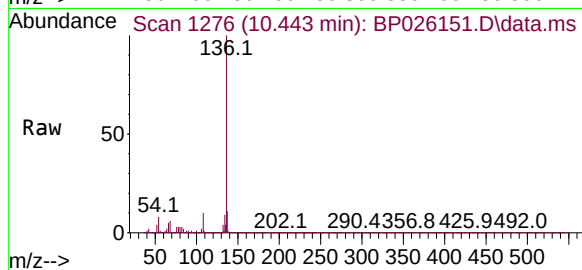
79 26.4 6.8 46.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

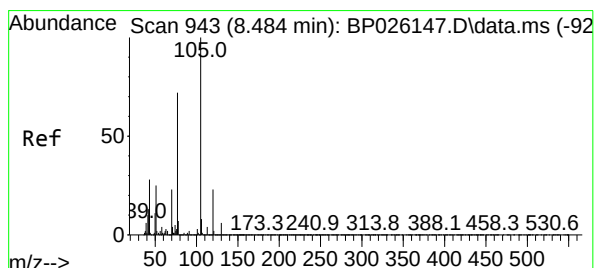
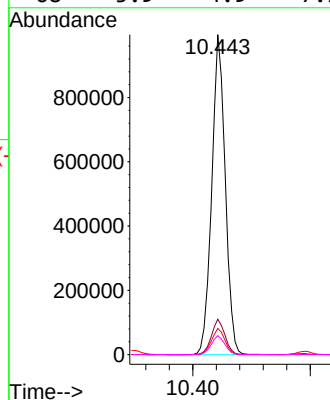
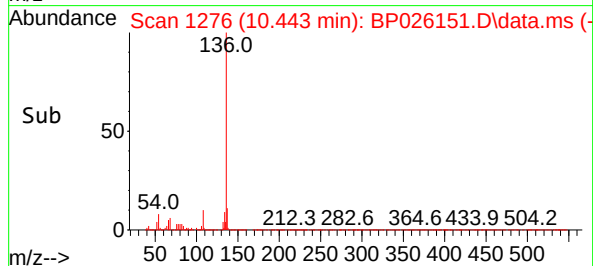
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:136 Resp: 1582932
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.2 6.4 9.6
68 5.9 4.9 7.3

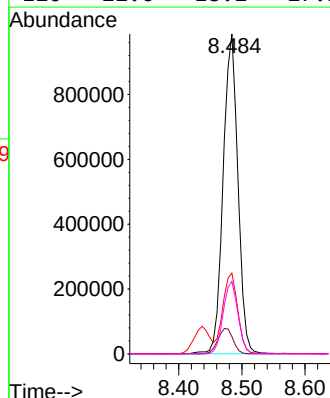
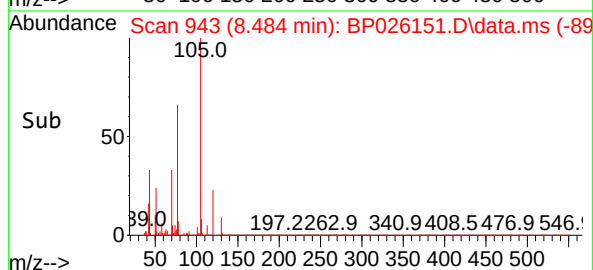
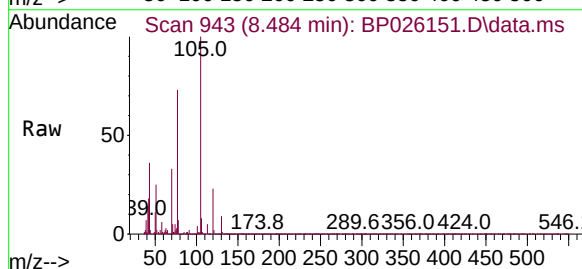
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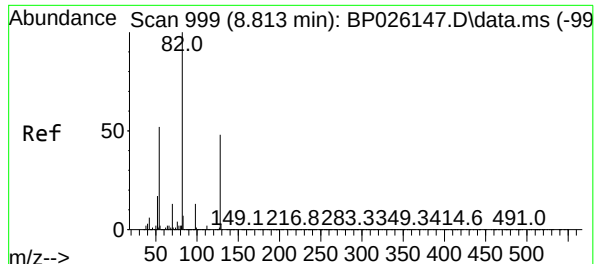
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 39.758 ng
RT: 8.484 min Scan# 943
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:105 Resp: 1599641
Ion Ratio Lower Upper
105 100
71 5.4 3.0 4.4#
51 25.3 20.5 30.7
120 22.6 18.2 27.2





#23

Nitrobenzene-d5

Concen: 80.717 ng

RT: 8.813 min Scan# 999

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion: 82 Resp: 2249363

Ion Ratio Lower Upper

82 100

128 47.4 37.4 56.0

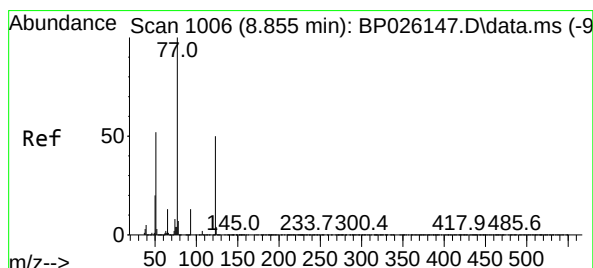
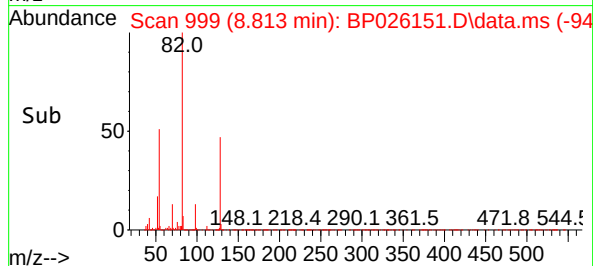
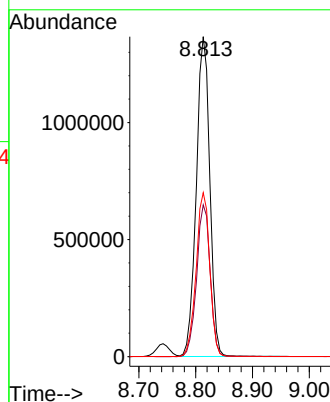
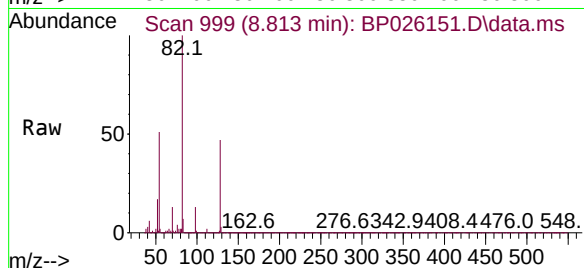
54 51.2 41.6 62.4

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 40.166 ng

RT: 8.855 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

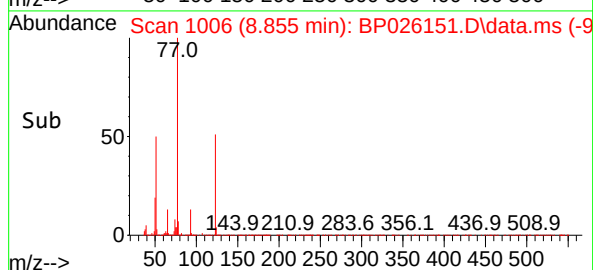
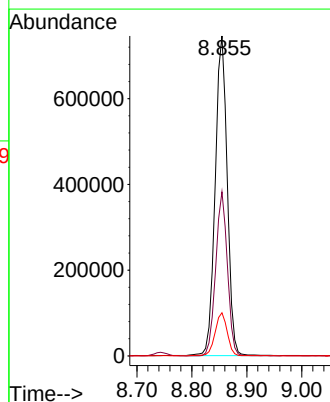
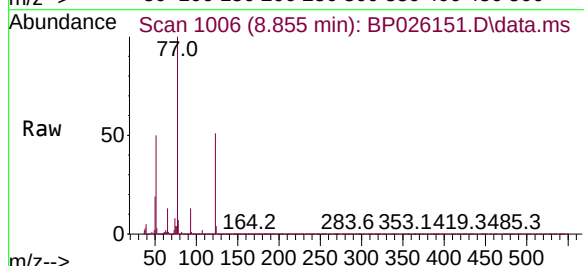
Tgt Ion: 77 Resp: 1132232

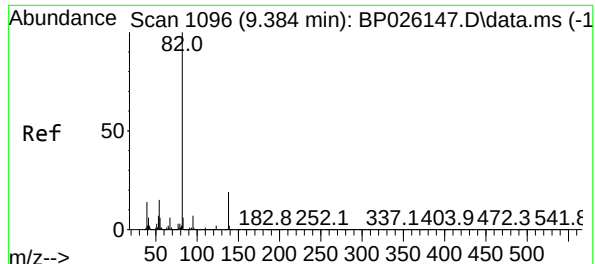
Ion Ratio Lower Upper

77 100

123 51.3 39.8 59.8

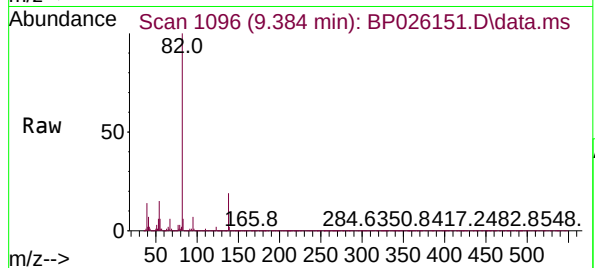
65 13.5 11.2 16.8





#25
Isophorone
Concen: 41.325 ng
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

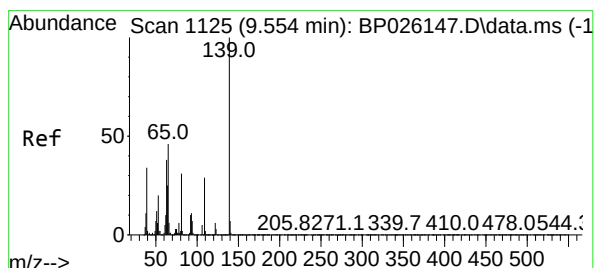
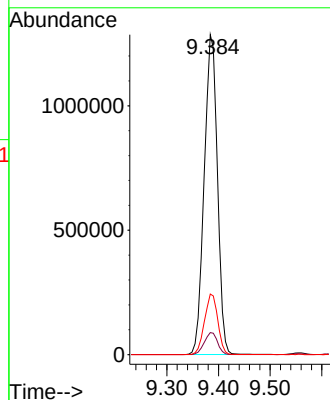
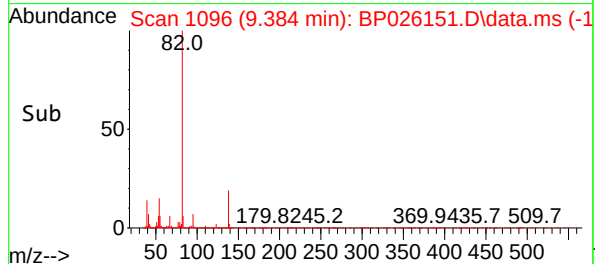
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



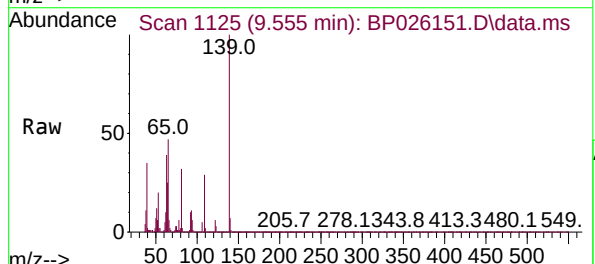
Tgt Ion: 82 Resp: 2283034
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 18.9 15.4 23.0

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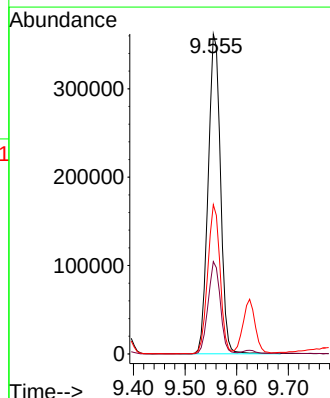
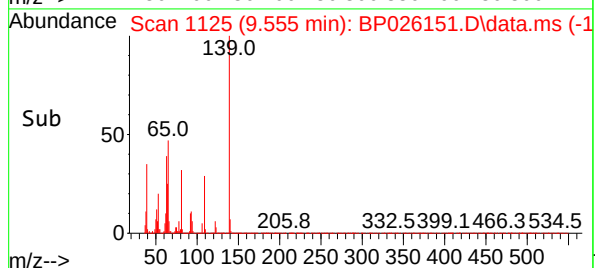
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

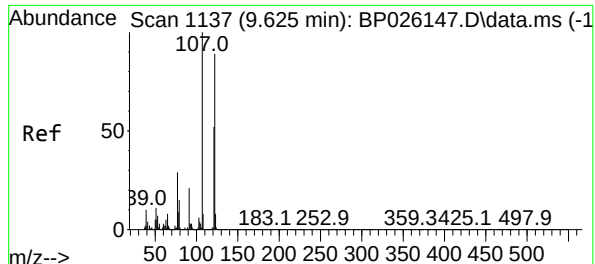


#26
2-Nitrophenol
Concen: 42.113 ng
RT: 9.555 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25



Tgt Ion:139 Resp: 600692
Ion Ratio Lower Upper
139 100
109 28.8 22.3 33.5
65 46.7 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 40.595 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:122 Resp: 1044113

Ion Ratio Lower Upper

122 100

107 112.7 91.0 136.6

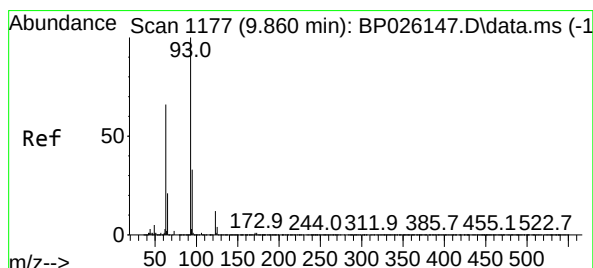
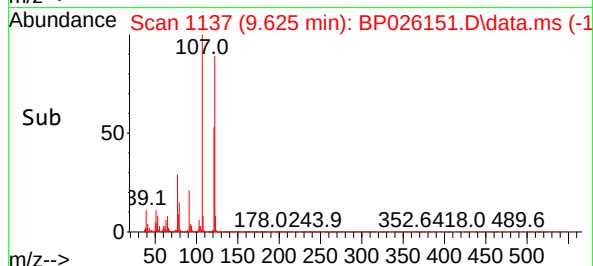
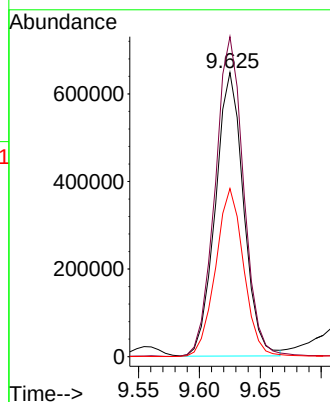
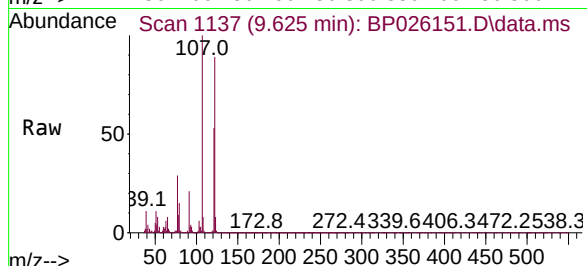
121 59.2 47.0 70.6

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.412 ng

RT: 9.854 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

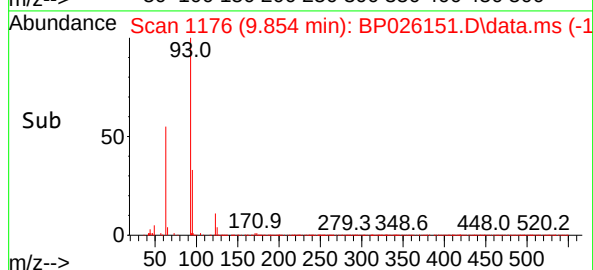
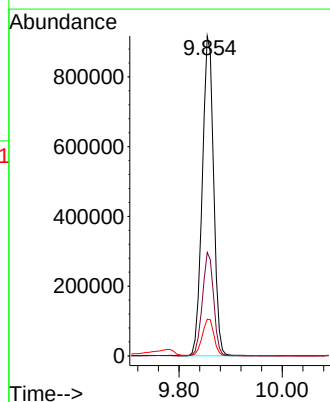
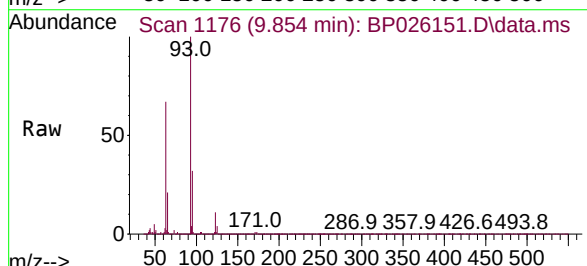
Tgt Ion: 93 Resp: 1398232

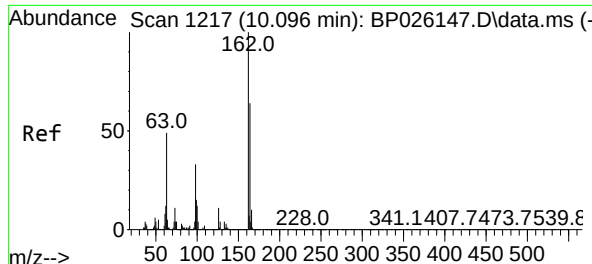
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.185 ng

RT: 10.096 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:162 Resp: 1058748

Ion Ratio Lower Upper

162 100

164 64.1 43.8 83.8

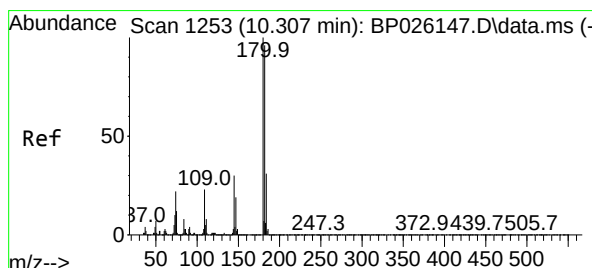
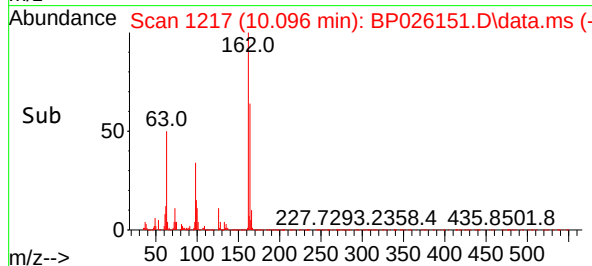
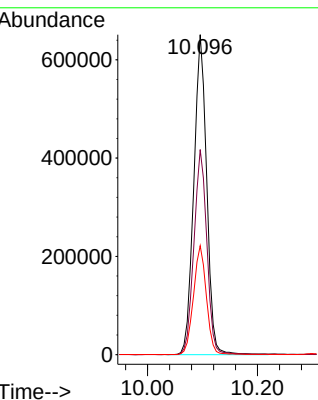
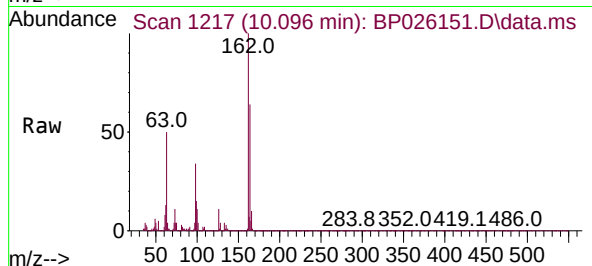
98 34.0 14.1 54.1

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.515 ng

RT: 10.302 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

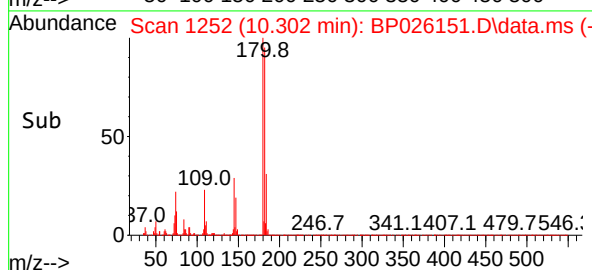
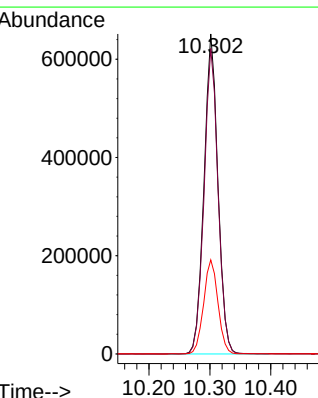
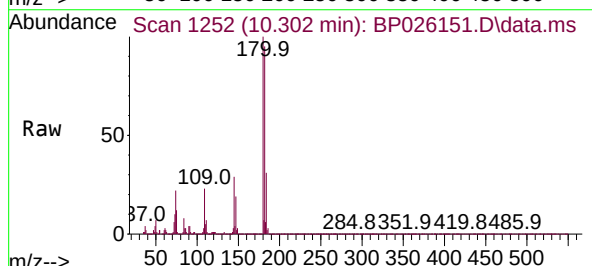
Tgt Ion:180 Resp: 1034416

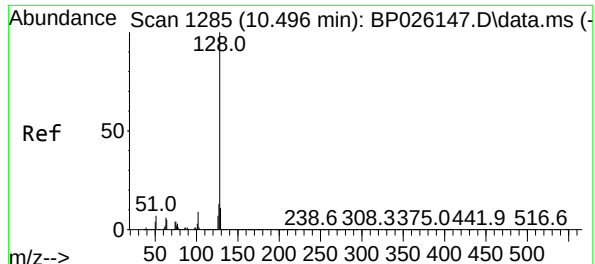
Ion Ratio Lower Upper

180 100

182 95.4 78.1 117.1

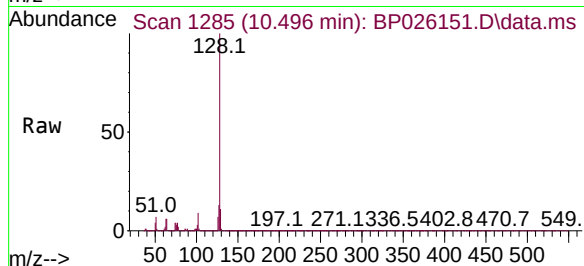
145 29.4 24.2 36.4





#31
Naphthalene
Concen: 39.543 ng
RT: 10.496 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

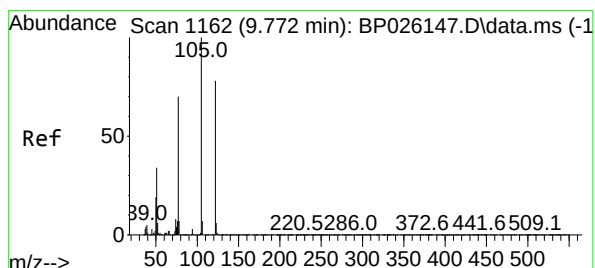
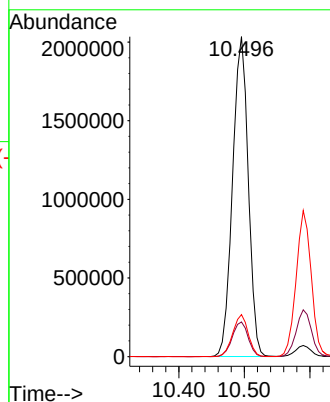
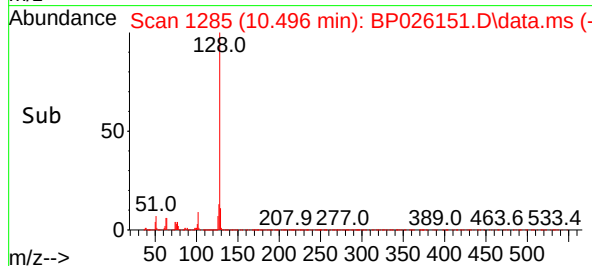
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:128 Resp: 3382899
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 10.2 15.4

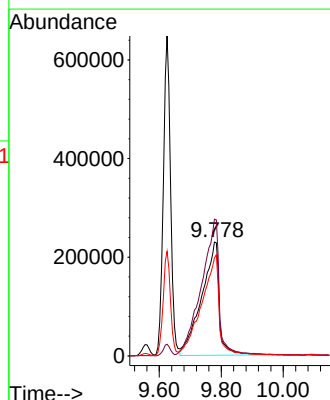
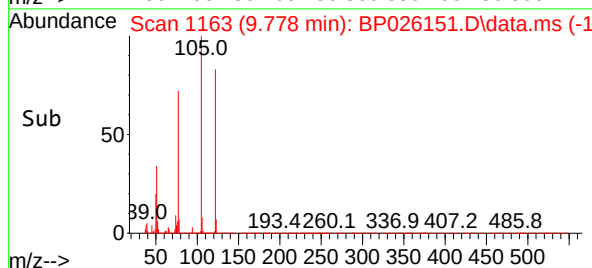
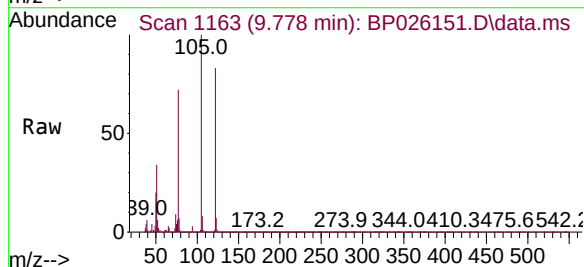
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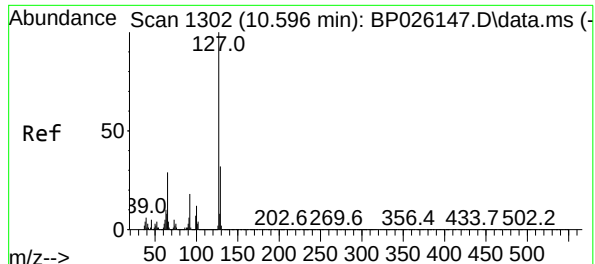
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 42.328 ng
RT: 9.778 min Scan# 1163
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:122 Resp: 916813
Ion Ratio Lower Upper
122 100
105 120.1 100.1 140.1
77 86.2 66.7 106.7





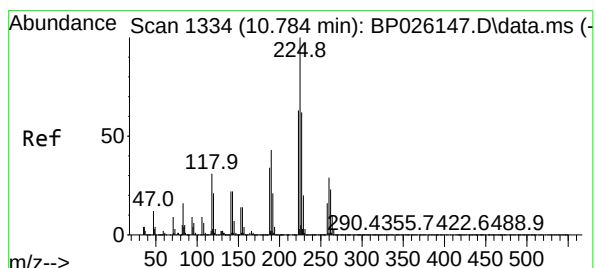
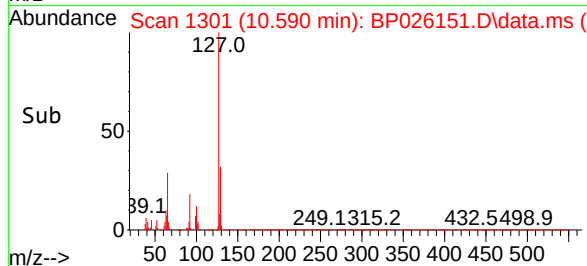
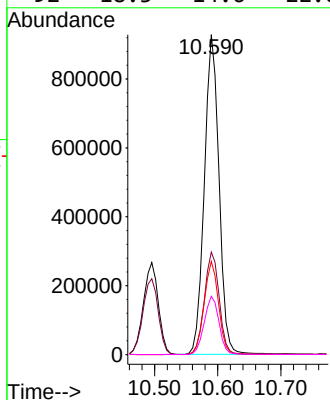
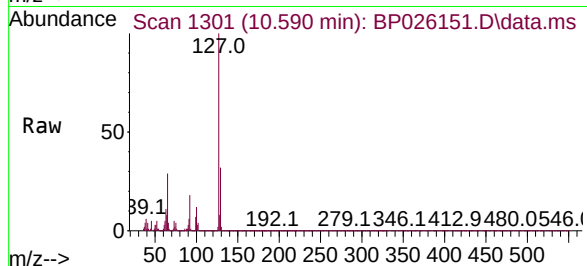
#33
4-Chloroaniline
Concen: 41.152 ng
RT: 10.590 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
Client Sample Id :
ICVBP111825

Tgt Ion:127 Resp: 1497158
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.8
65 29.1 22.7 34.1
92 18.3 14.6 22.0

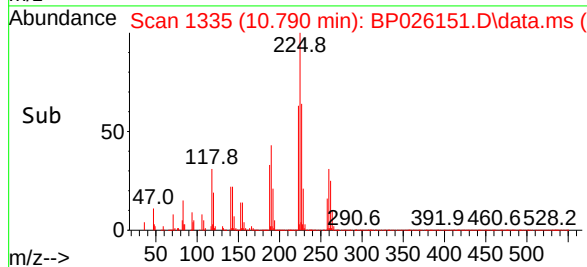
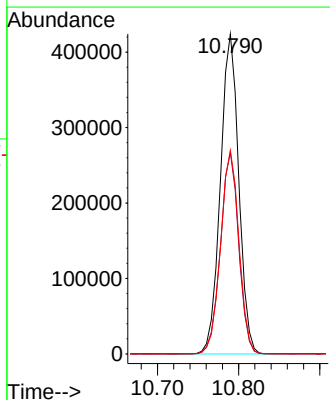
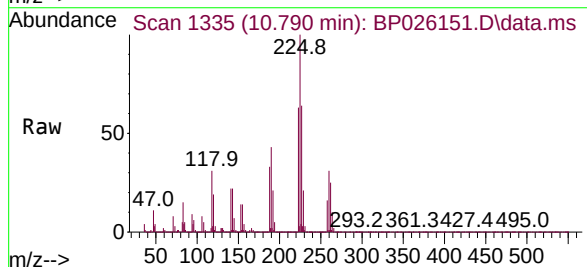
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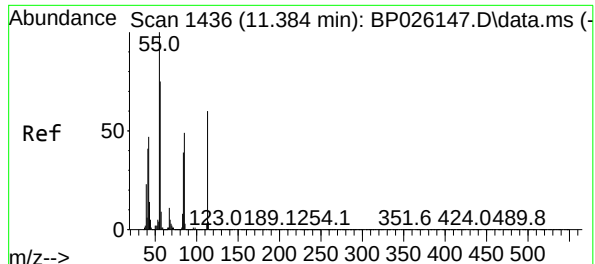
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 10.790 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

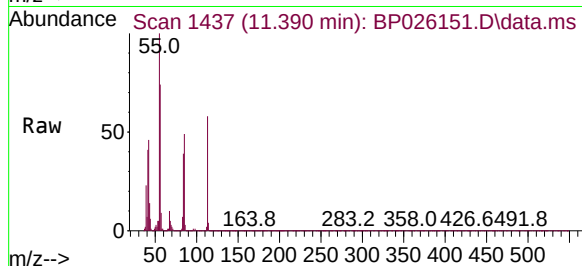
Tgt Ion:225 Resp: 663620
Ion Ratio Lower Upper
225 100
223 63.0 49.6 74.4
227 63.6 51.2 76.8





#35
Caprolactam
Concen: 41.978 ng
RT: 11.390 min Scan# 1436
Delta R.T. 0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

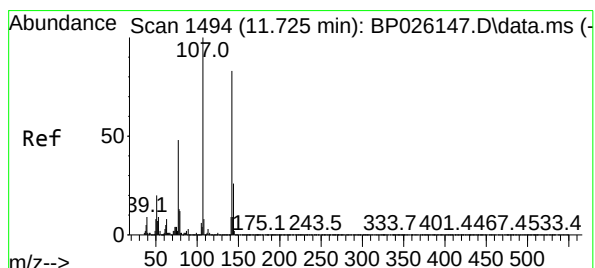
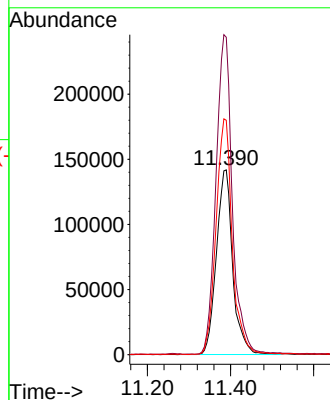
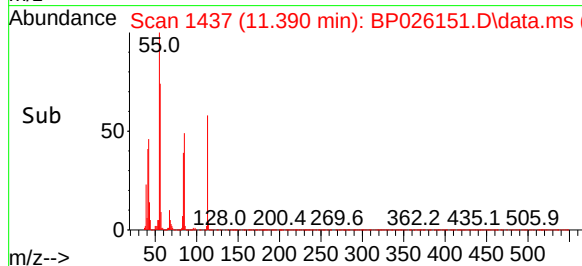
Instrument :
BNA_P
Client Sample Id :
ICVBP111825



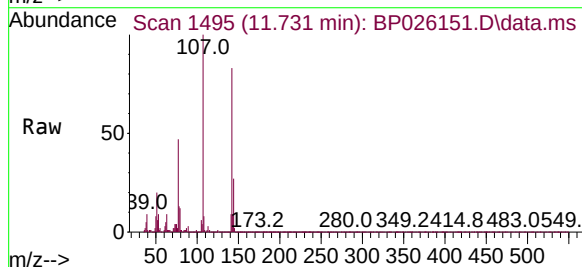
Tgt Ion:113 Resp: 386416
Ion Ratio Lower Upper
113 100
55 171.8 153.0 193.0
56 126.8 106.4 146.4

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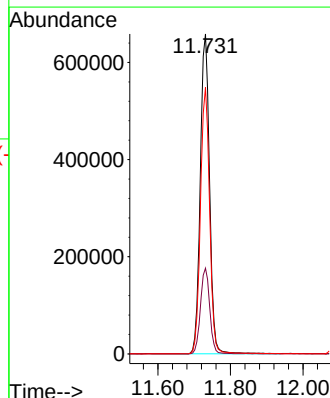
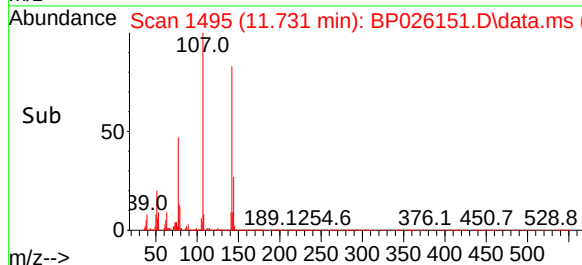
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

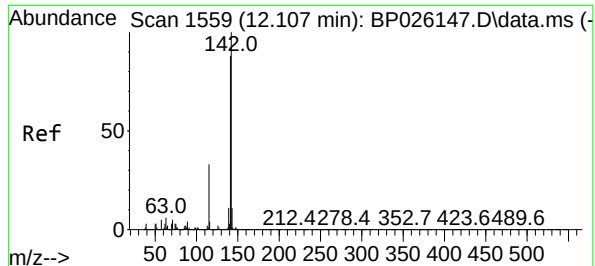


#36
4-Chloro-3-methylphenol
Concen: 42.798 ng
RT: 11.731 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25



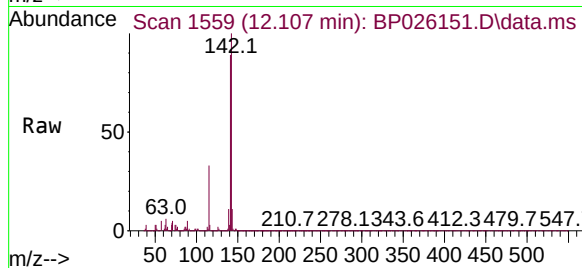
Tgt Ion:107 Resp: 1169352
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 83.3 65.6 98.4





#37
2-Methylnaphthalene
Concen: 40.901 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

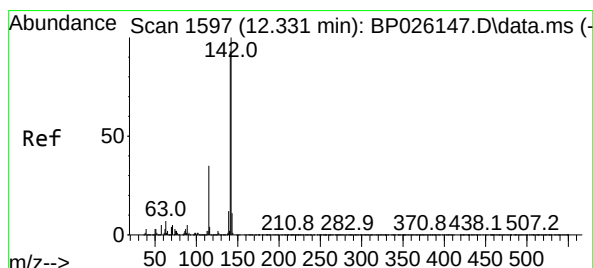
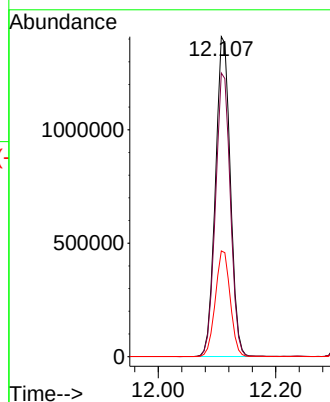
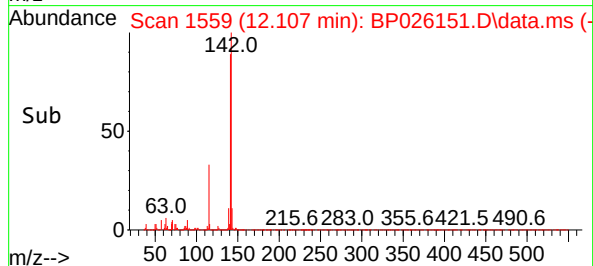
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



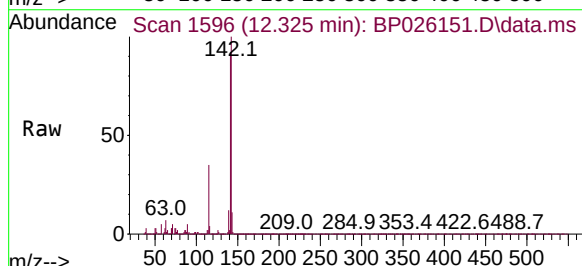
Tgt Ion:142 Resp: 2480618
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 33.0 26.6 39.8

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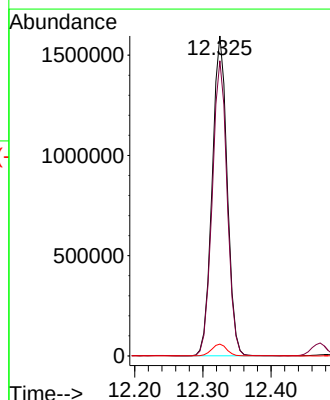
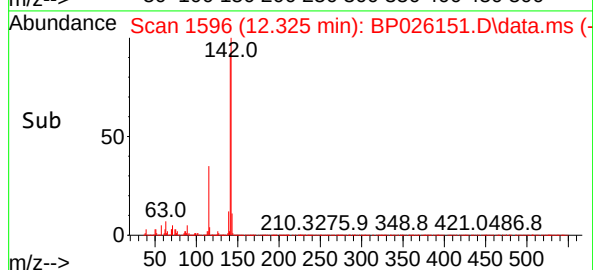
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

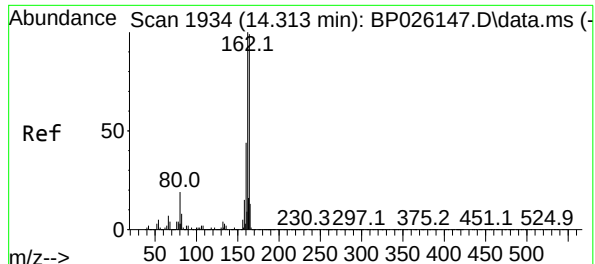


#38
1-Methylnaphthalene
Concen: 41.101 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25



Tgt Ion:142 Resp: 2436446
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:164 Resp: 1060115

Ion Ratio Lower Upper

164 100

162 101.8 80.3 120.5

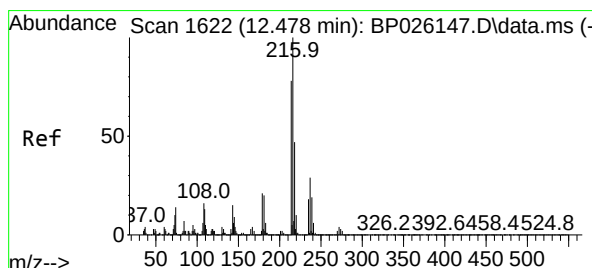
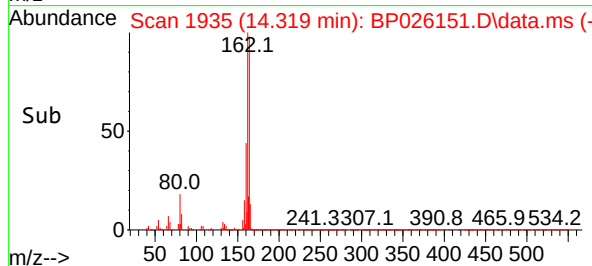
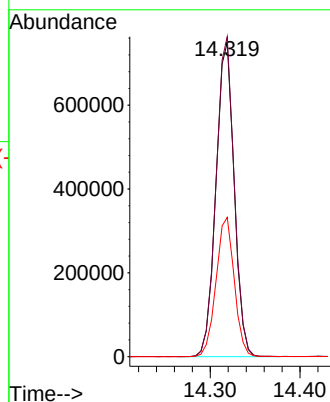
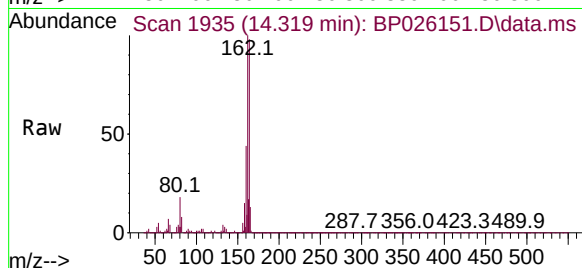
160 44.3 35.2 52.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.653 ng

RT: 12.490 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Tgt Ion:216 Resp: 1239031

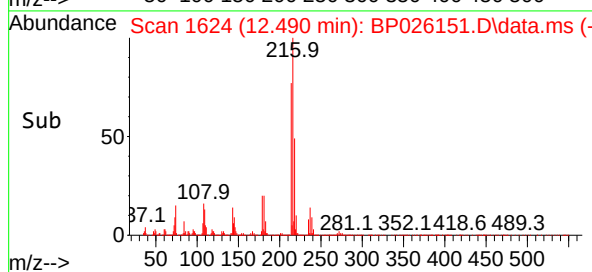
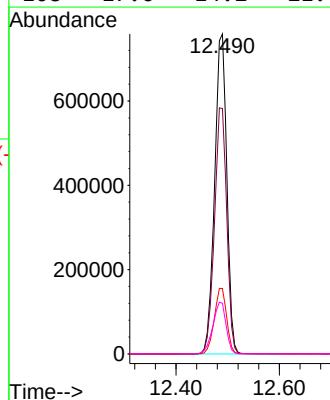
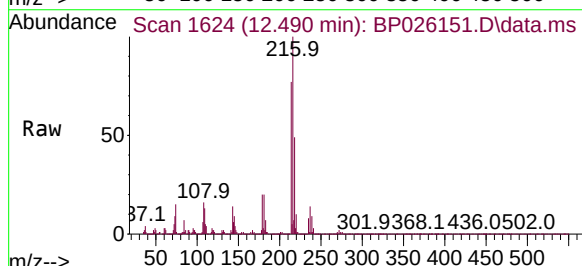
Ion Ratio Lower Upper

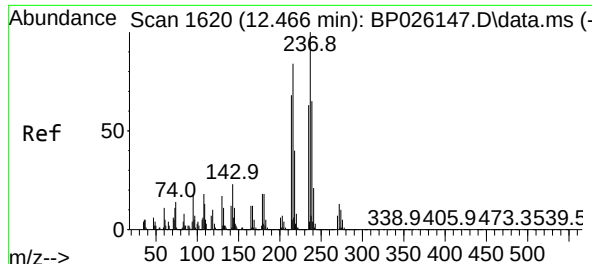
216 100

214 77.5 62.6 94.0

179 20.8 16.6 25.0

108 17.6 14.2 21.4





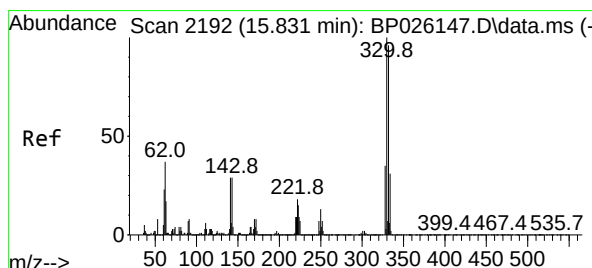
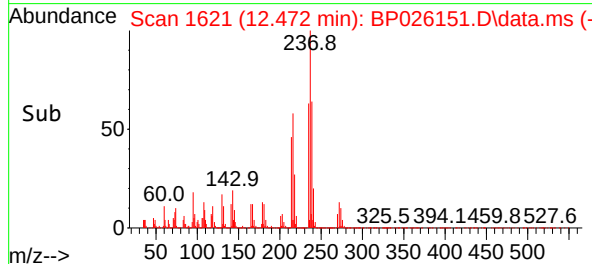
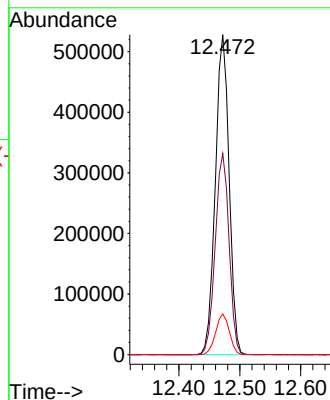
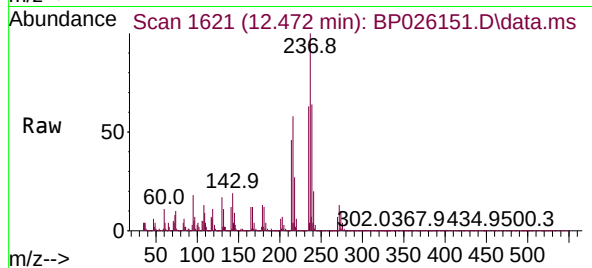
#41
Hexachlorocyclopentadiene
Concen: 39.451 ng
RT: 12.472 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion: 237 Resp: 827636
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 12.7 0.0 32.9

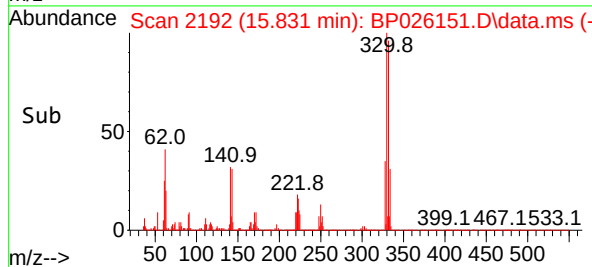
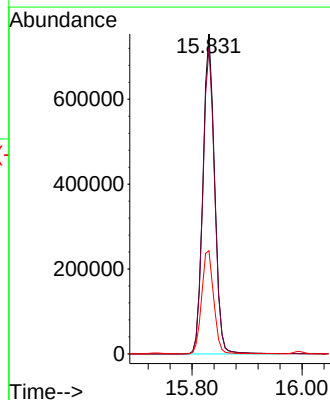
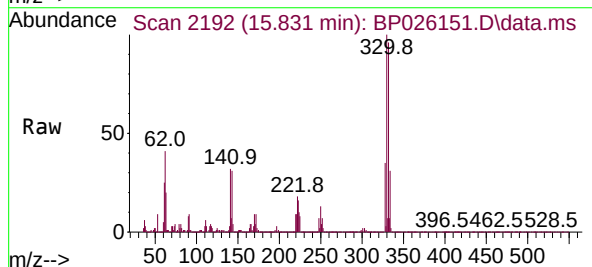
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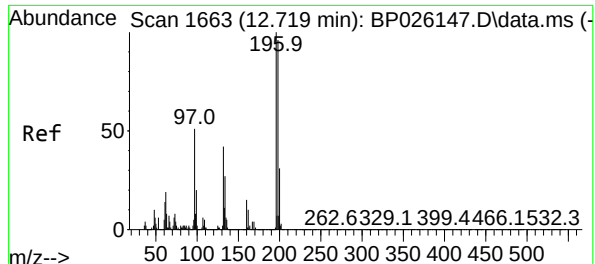
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#42
2,4,6-Tribromophenol
Concen: 80.522 ng
RT: 15.831 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 330 Resp: 1107358
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 33.5 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 40.482 ng

RT: 12.725 min Scan# 1664

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:196 Resp: 889628

Ion Ratio Lower Upper

196 100

198 96.1 76.9 115.3

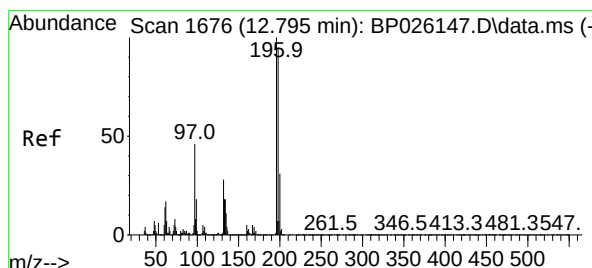
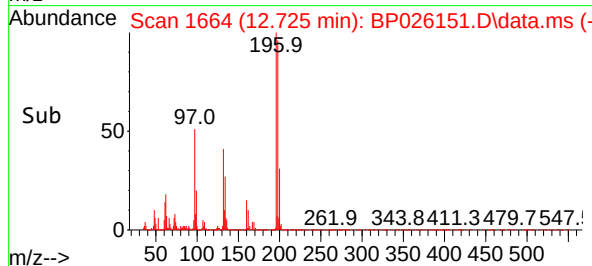
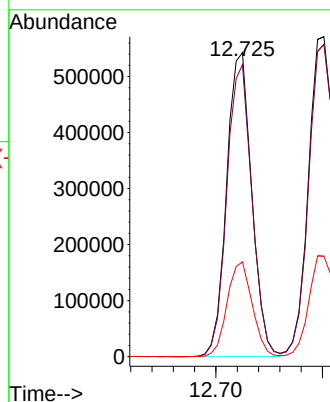
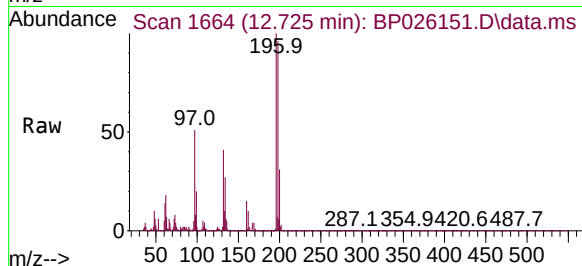
200 31.2 24.6 37.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#44

2,4,5-Trichlorophenol

Concen: 40.200 ng

RT: 12.801 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Tgt Ion:196 Resp: 986131

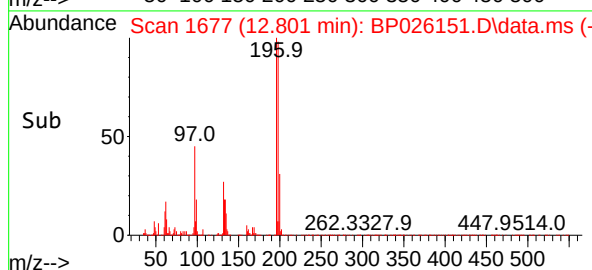
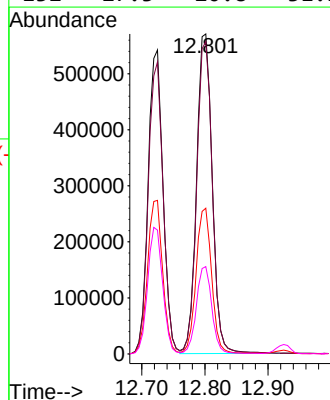
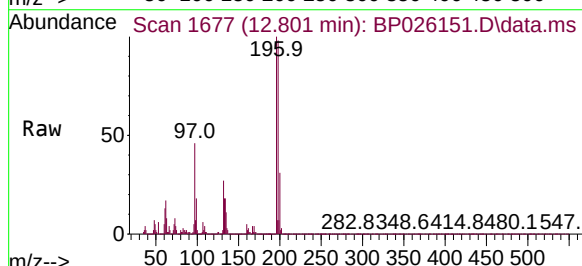
Ion Ratio Lower Upper

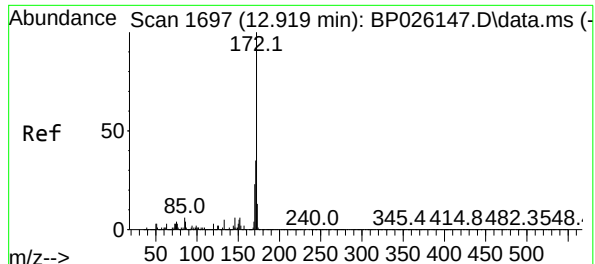
196 100

198 97.6 76.4 114.6

97 45.5 35.7 53.5

132 27.3 20.8 31.2





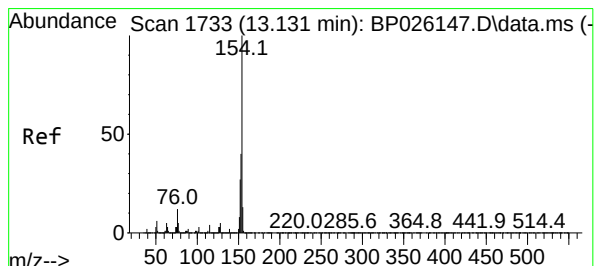
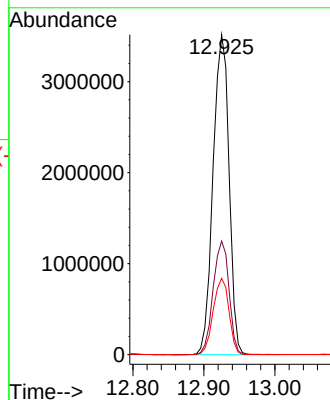
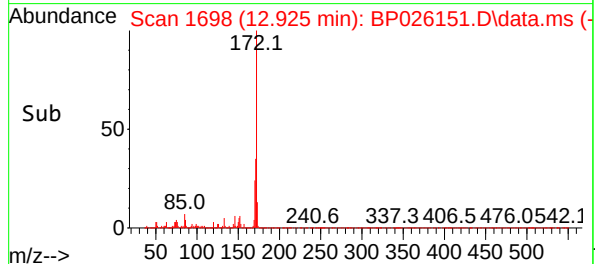
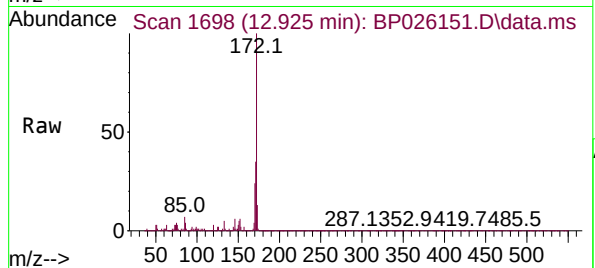
#45
2-Fluorobiphenyl
Concen: 76.016 ng
RT: 12.925 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:172 Resp: 549847
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.8 18.7 28.1

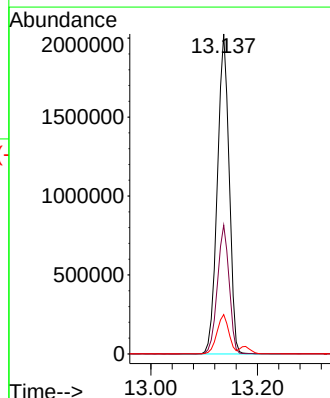
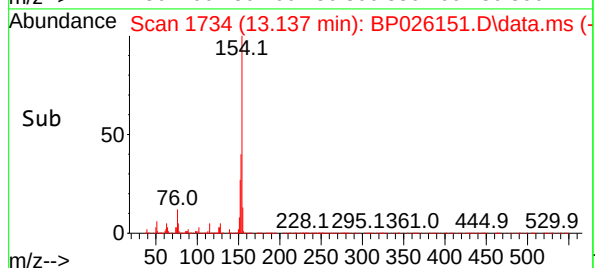
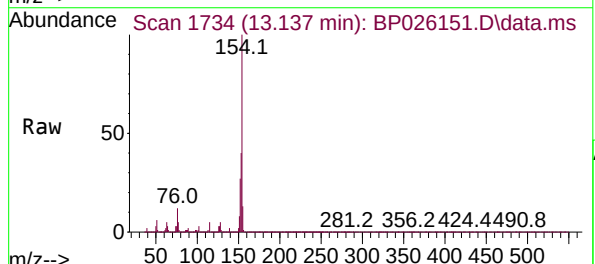
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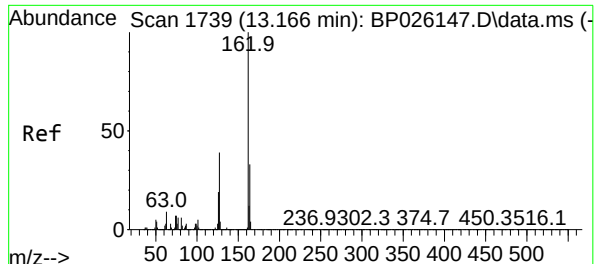
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#46
1,1'-Biphenyl
Concen: 38.891 ng
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 3104503
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 12.3 0.0 32.3





#47

2-Chloronaphthalene

Concen: 38.816 ng

RT: 13.178 min Scan# 1741

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:162 Resp: 243652

Ion Ratio Lower Upper

162 100

127 38.4 30.9 46.3

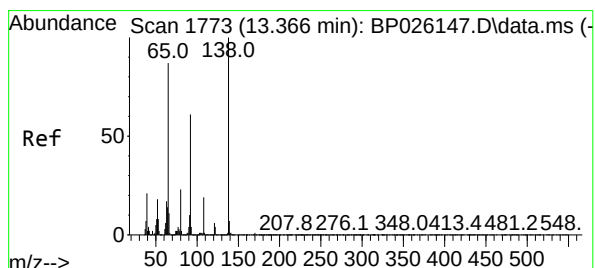
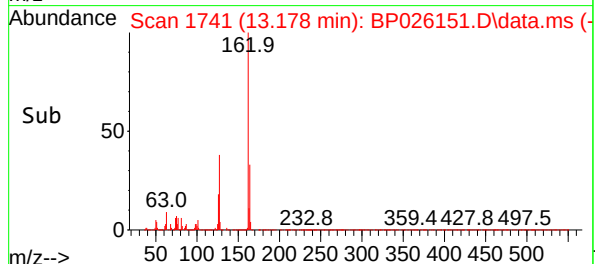
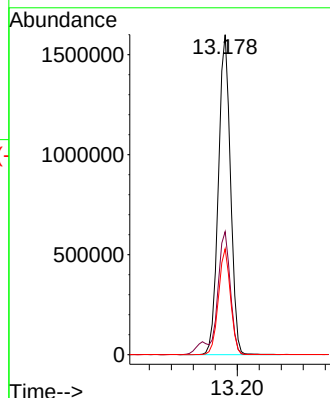
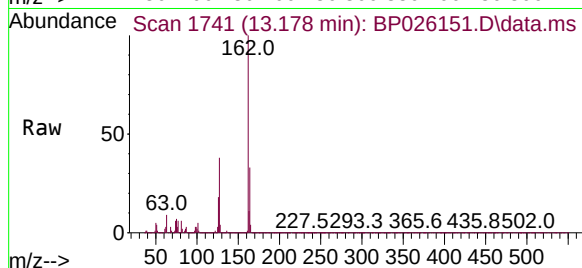
164 33.1 26.4 39.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#48

2-Nitroaniline

Concen: 41.880 ng

RT: 13.366 min Scan# 1773

Delta R.T. -0.012 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

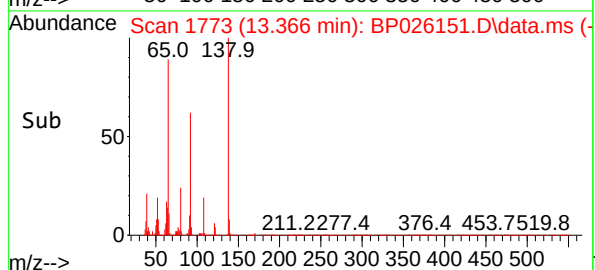
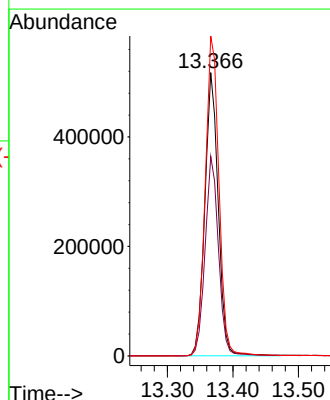
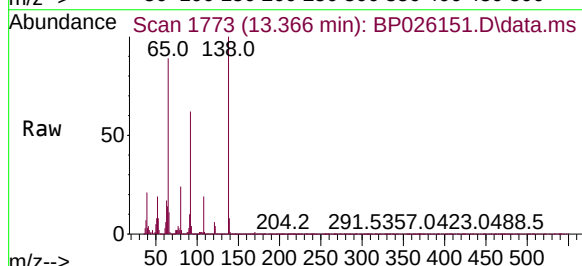
Tgt Ion: 65 Resp: 731047

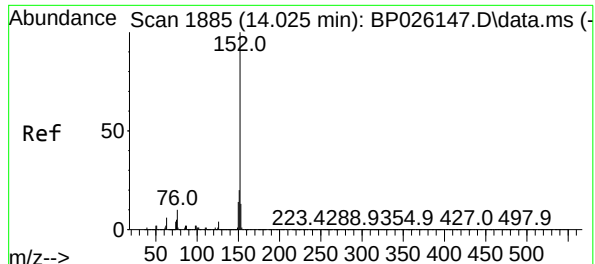
Ion Ratio Lower Upper

65 100

92 70.4 59.1 88.7

138 112.9 96.6 145.0





#49

Acenaphthylene

Concen: 39.676 ng

RT: 14.031 min Scan# 1886

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:152 Resp: 410811

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

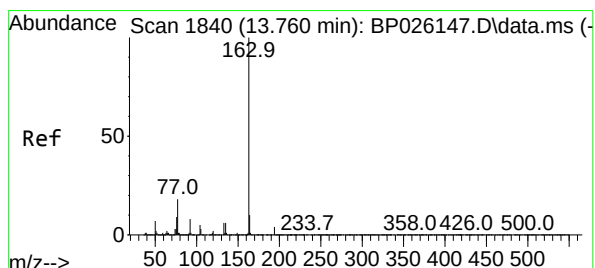
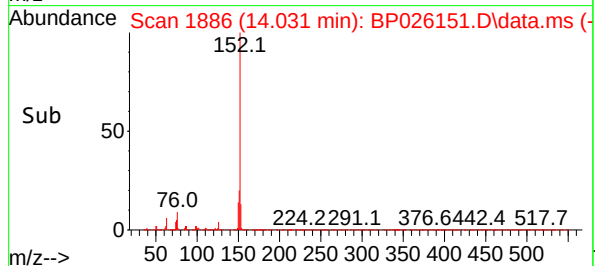
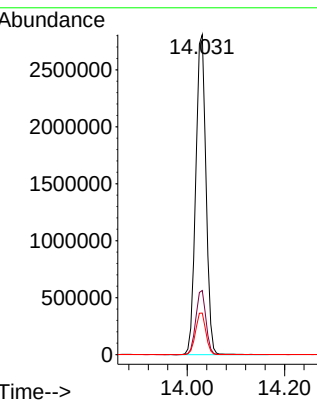
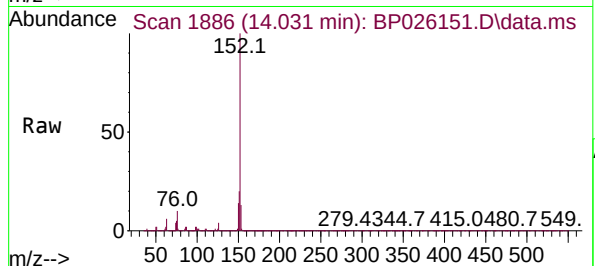
153 13.0 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

Concen: 39.365 ng

RT: 13.766 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

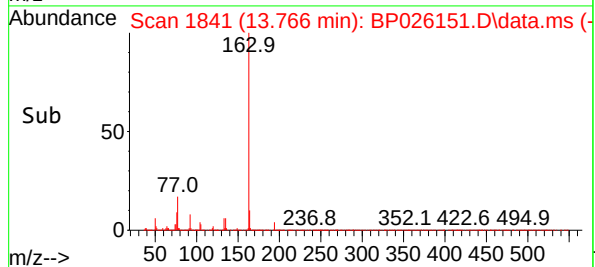
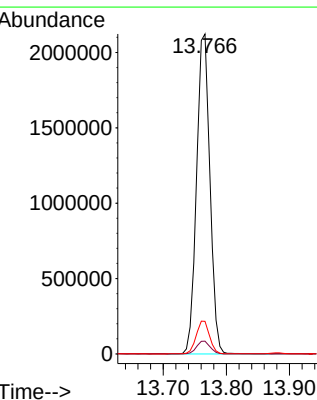
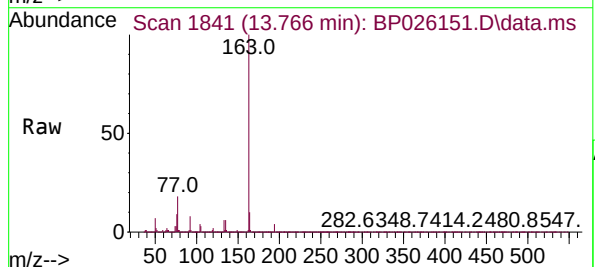
Tgt Ion:163 Resp: 3116904

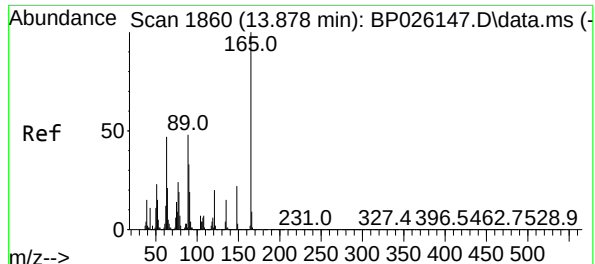
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

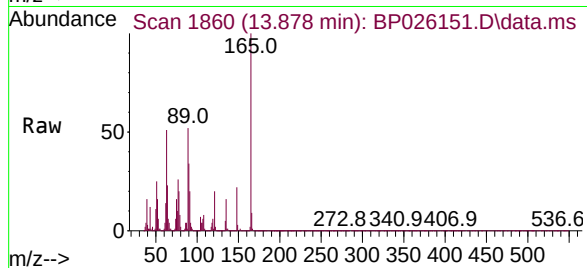
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.045 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

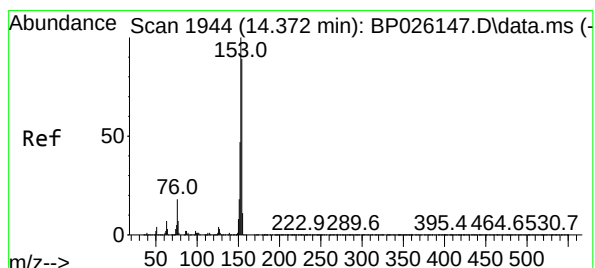
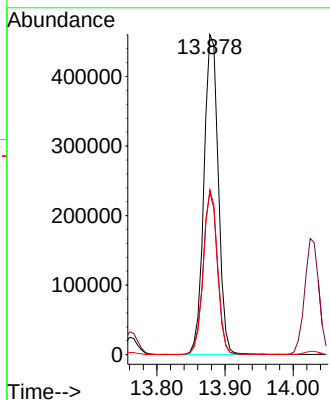
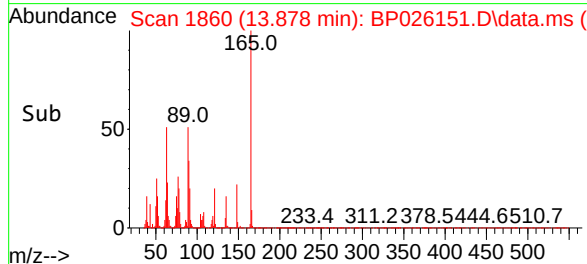
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:165 Resp: 675339
Ion Ratio Lower Upper
165 100
63 50.9 40.5 60.7
89 51.5 41.3 61.9

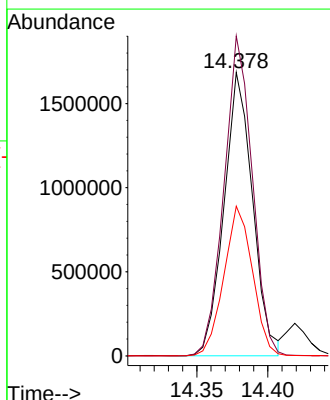
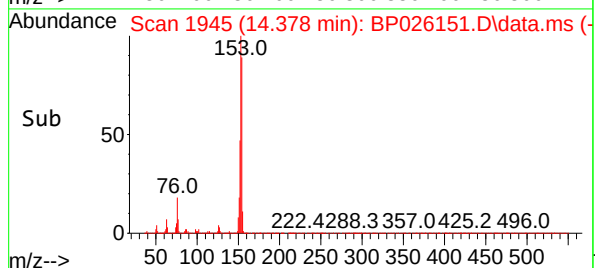
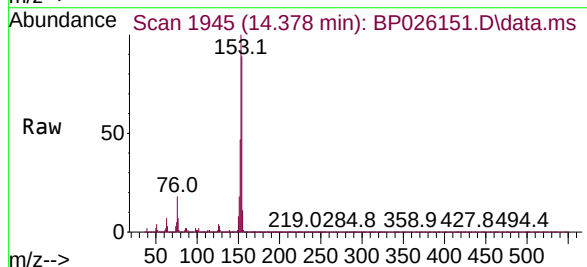
Manual Integrations
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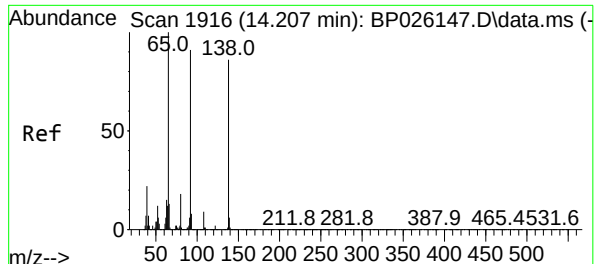
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 38.919 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:154 Resp: 2361523
Ion Ratio Lower Upper
154 100
153 112.9 90.7 136.1
152 52.8 42.8 64.2





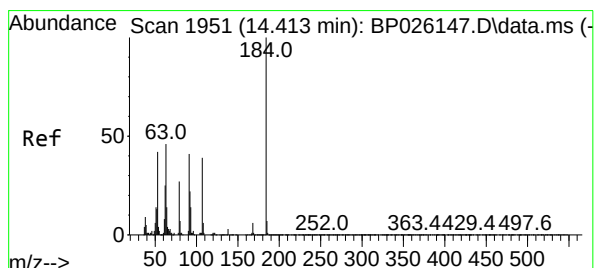
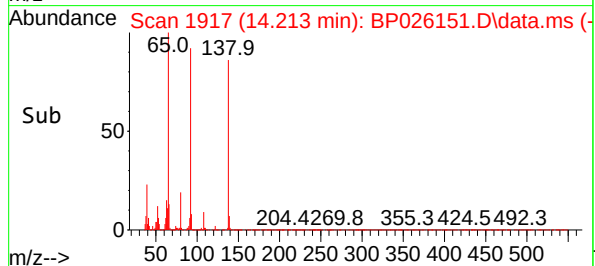
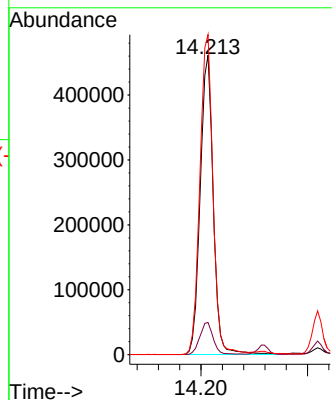
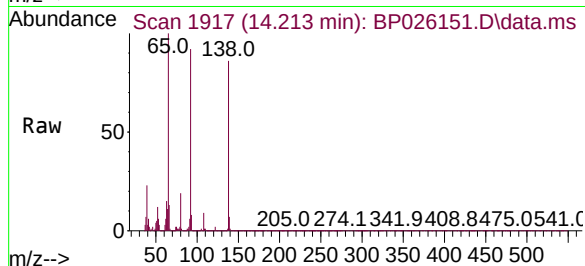
#53
3-Nitroaniline
Concen: 42.369 ng
RT: 14.213 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:138 Resp: 782672
Ion Ratio Lower Upper
138 100
108 10.7 8.9 13.3
92 106.9 86.3 129.5

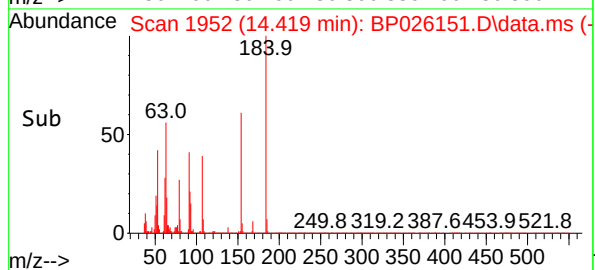
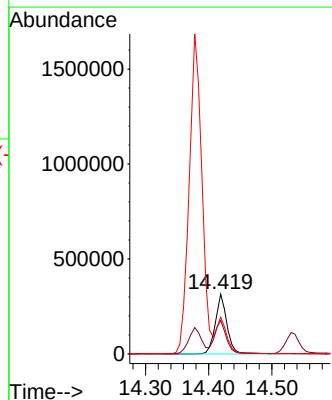
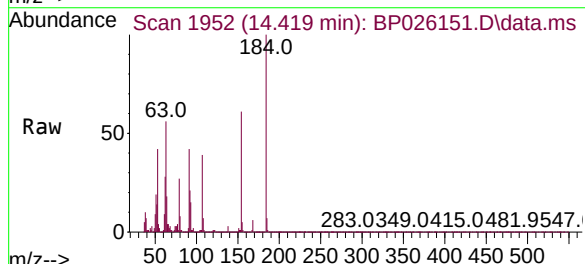
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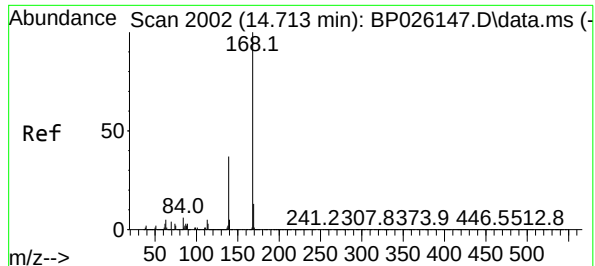
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#54
2,4-Dinitrophenol
Concen: 42.569 ng
RT: 14.419 min Scan# 1952
Delta R.T. -0.012 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:184 Resp: 403157
Ion Ratio Lower Upper
184 100
63 56.0 43.1 64.7
154 61.3 49.5 74.3





#55

Dibenzenofuran

Concen: 39.037 ng

RT: 14.719 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:168 Resp: 3668770

Ion Ratio Lower Upper

168 100

139 37.1 29.8 44.6

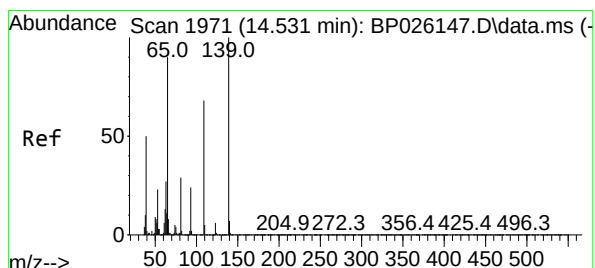
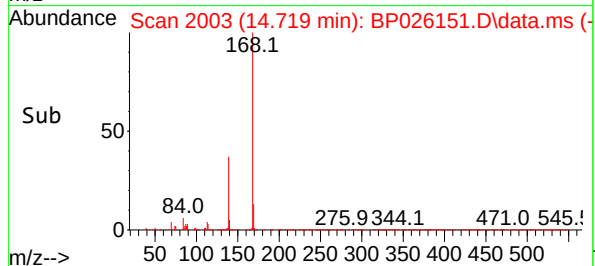
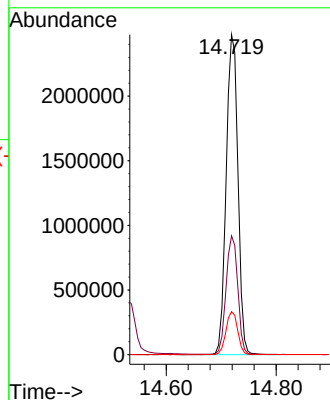
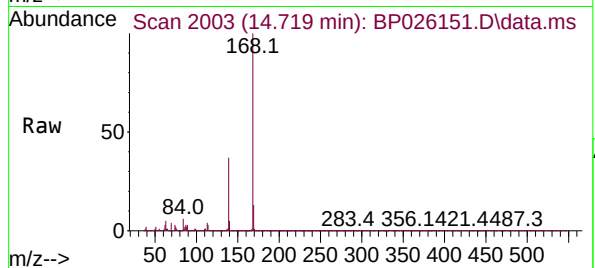
169 13.4 10.9 16.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 40.312 ng

RT: 14.531 min Scan# 1971

Delta R.T. -0.012 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

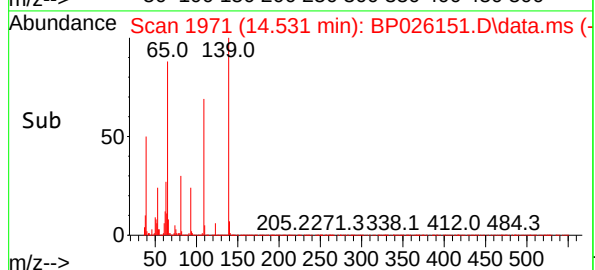
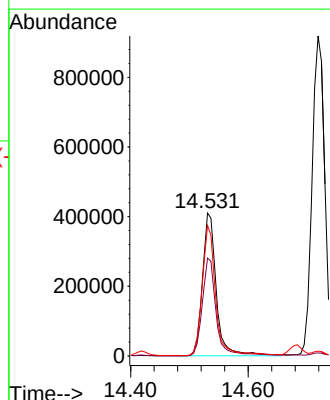
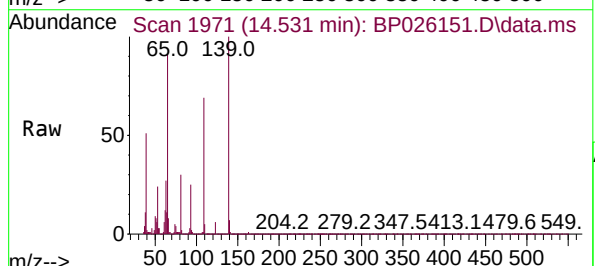
Tgt Ion:139 Resp: 673671

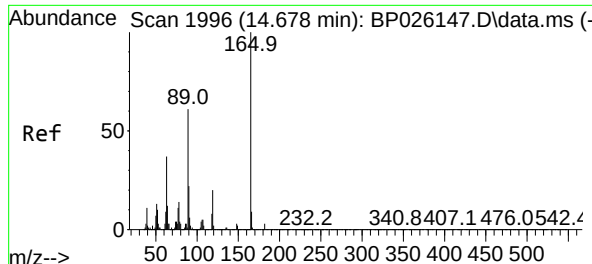
Ion Ratio Lower Upper

139 100

109 68.6 46.8 86.8

65 91.3 69.3 109.3





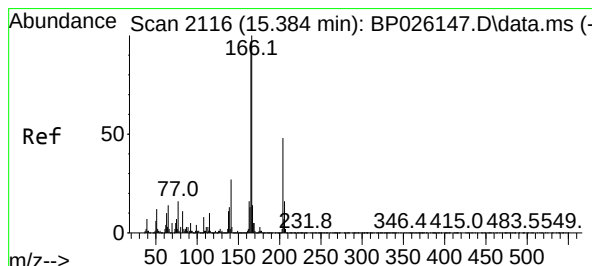
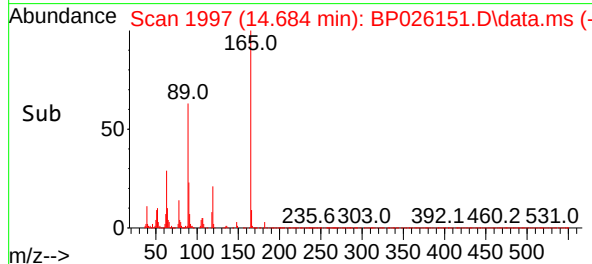
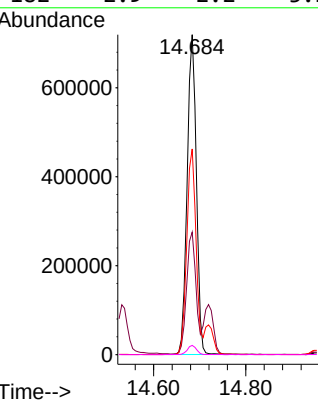
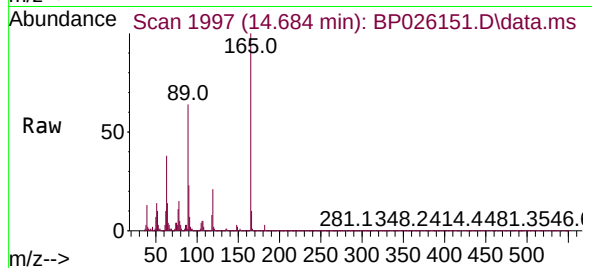
#57
2,4-Dinitrotoluene
Concen: 42.577 ng
RT: 14.684 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:165 Resp: 997423
Ion Ratio Lower Upper
165 100
63 38.3 31.0 46.6
89 64.3 51.7 77.5
182 2.9 2.2 3.2

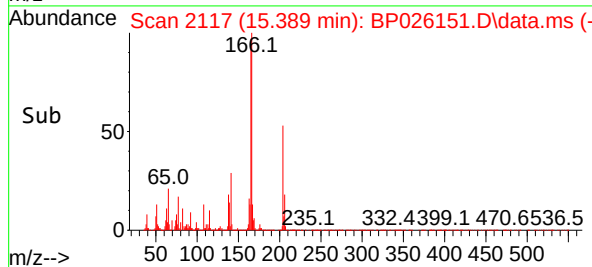
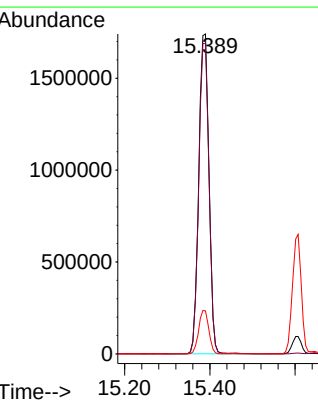
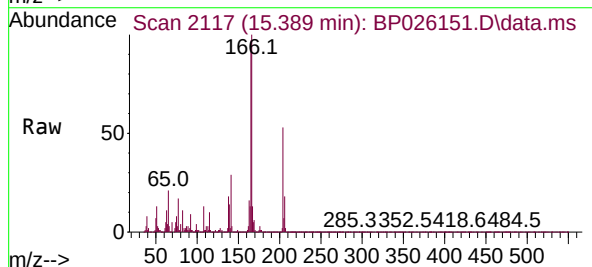
Manual Integrations
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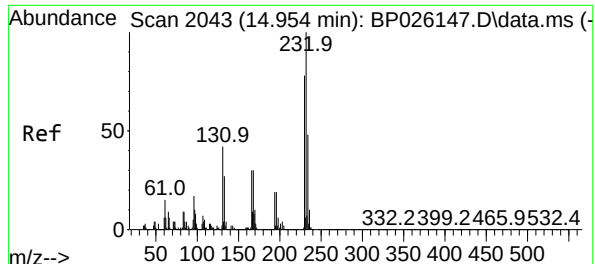
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 38.962 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:166 Resp: 2894223
Ion Ratio Lower Upper
166 100
165 97.1 77.9 116.9
167 13.5 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.668 ng

RT: 14.954 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:232 Resp: 846319

Ion Ratio Lower Upper

232 100

131 43.1 34.8 52.2

130 2.3 1.8 2.8

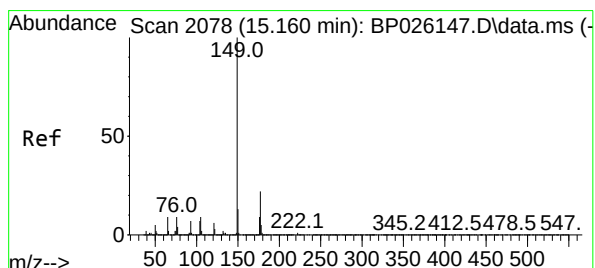
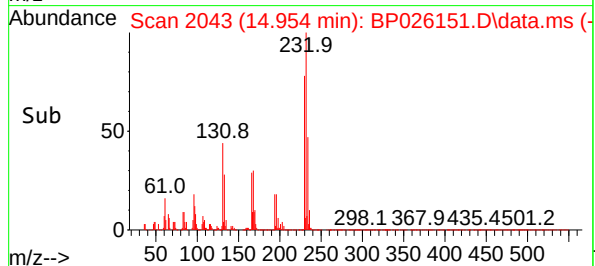
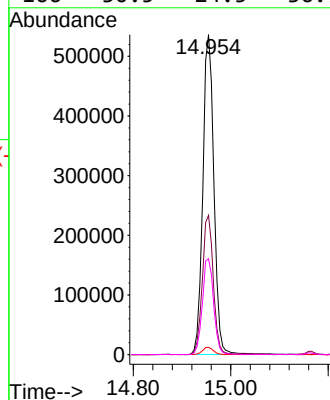
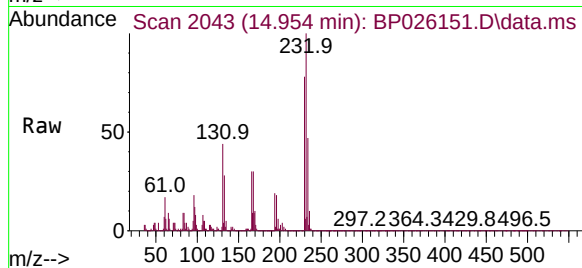
166 30.5 24.5 36.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#60

Diethylphthalate

Concen: 39.059 ng

RT: 15.160 min Scan# 2078

Delta R.T. -0.012 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

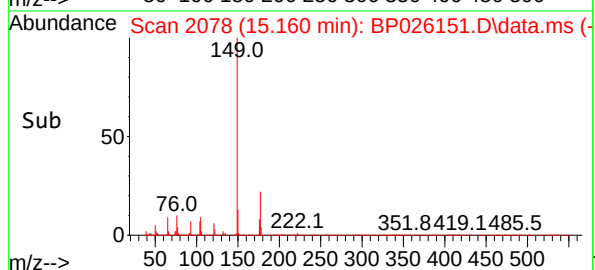
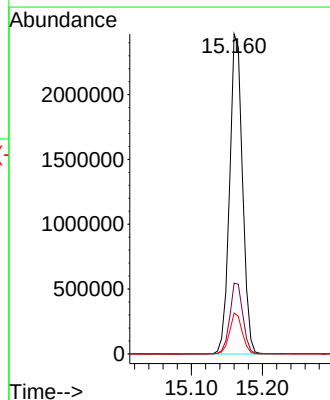
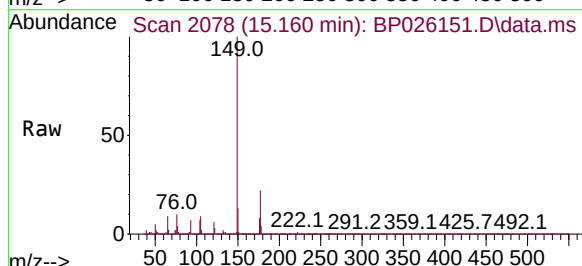
Tgt Ion:149 Resp: 3115428

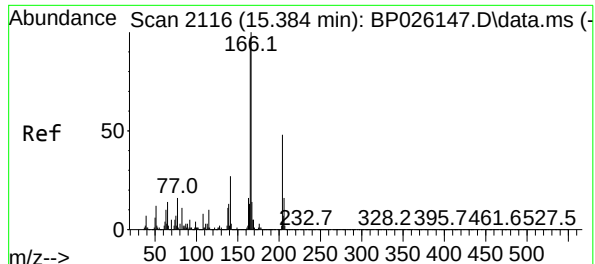
Ion Ratio Lower Upper

149 100

177 22.1 17.9 26.9

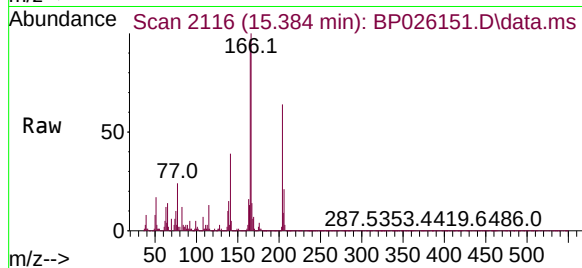
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.882 ng
RT: 15.384 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

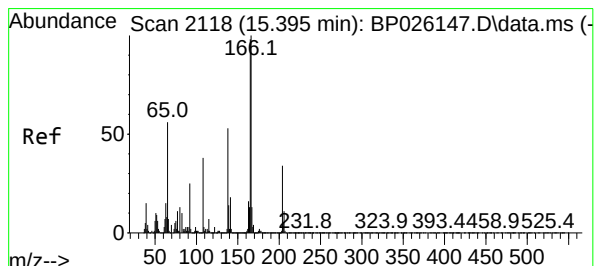
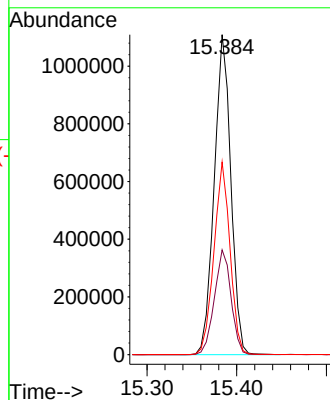
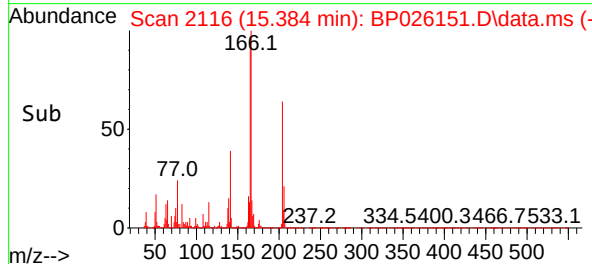
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



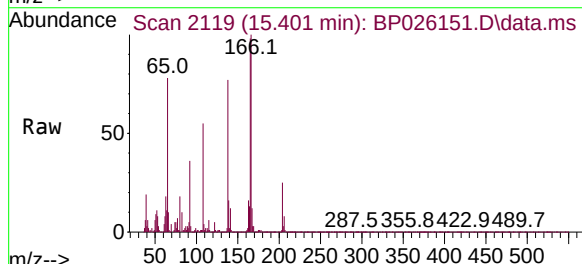
Tgt Ion: 204 Resp: 143711
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 60.2 48.1 72.1

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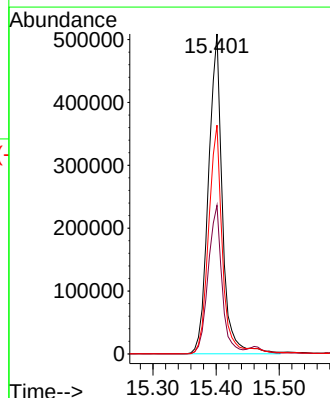
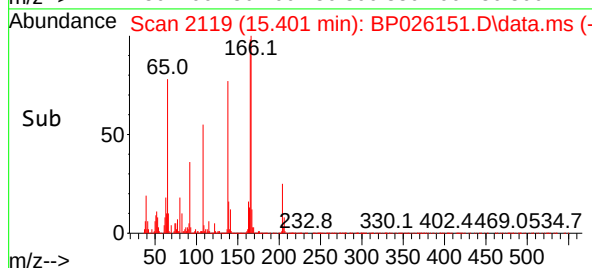
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

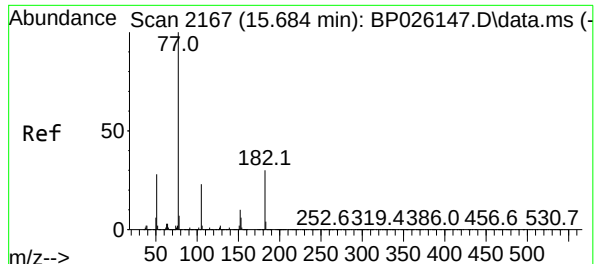


#62
4-Nitroaniline
Concen: 40.700 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25



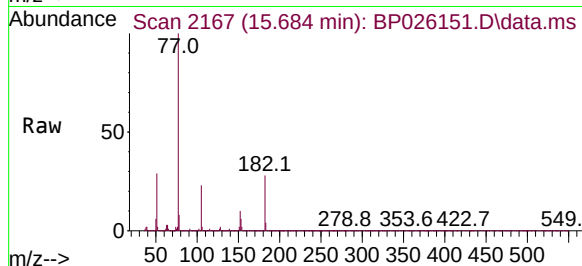
Tgt Ion: 138 Resp: 780732
Ion Ratio Lower Upper
138 100
92 46.4 27.5 67.5
108 71.5 51.1 91.1





#63
Azobenzene
Concen: 39.832 ng
RT: 15.684 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

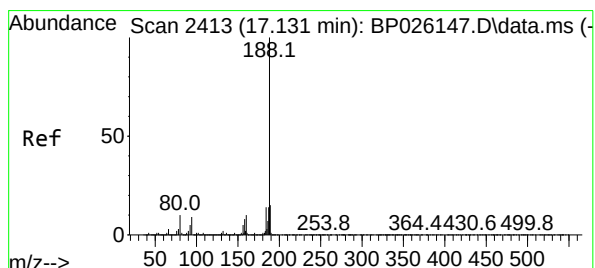
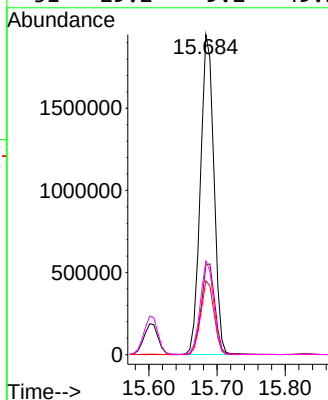
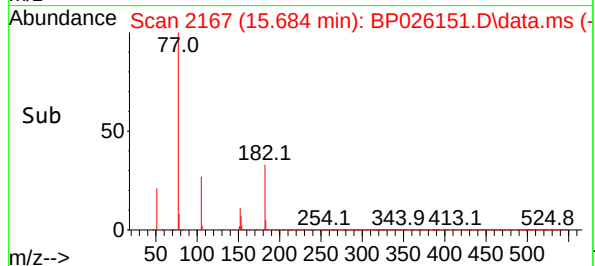
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion: 77 Resp: 2678923
Ion Ratio Lower Upper
77 100
182 28.1 8.8 48.8
105 23.0 2.6 42.6
51 29.2 9.2 49.2

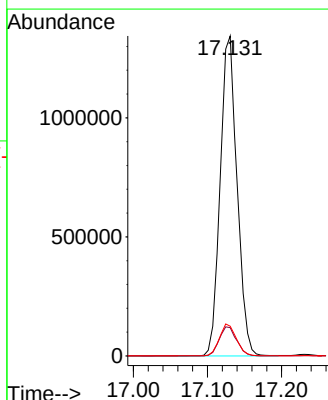
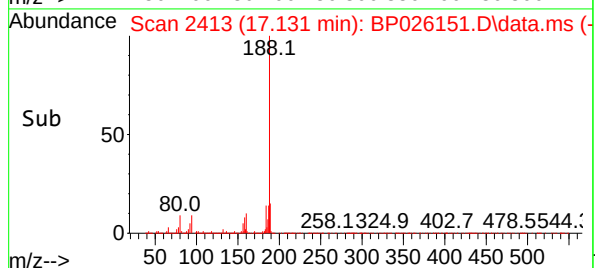
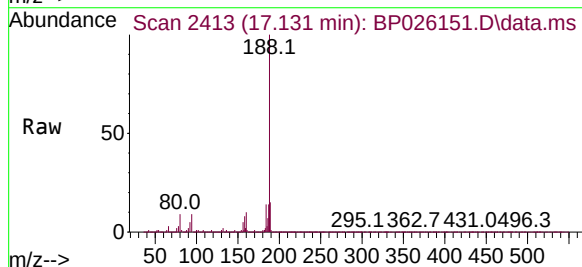
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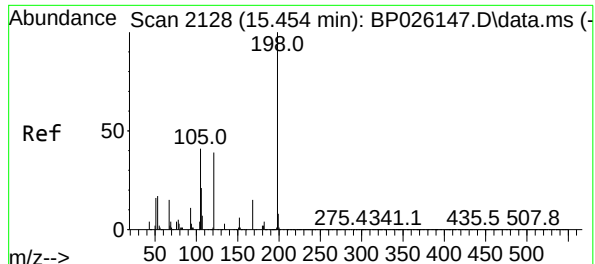
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.131 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:188 Resp: 2119946
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 9.3 8.2 12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 42.199 ng

RT: 15.460 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:198 Resp: 568324

Ion Ratio Lower Upper

198 100

51 41.6 18.4 58.4

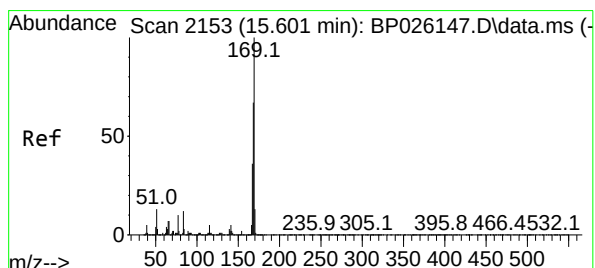
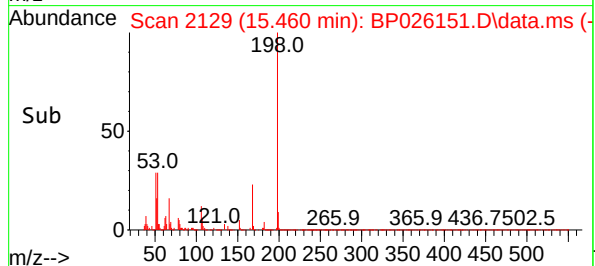
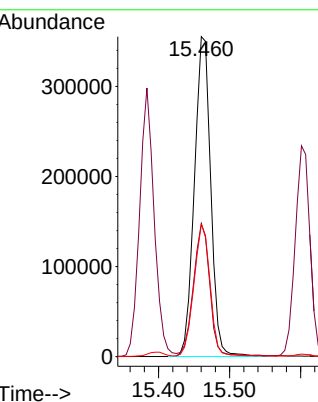
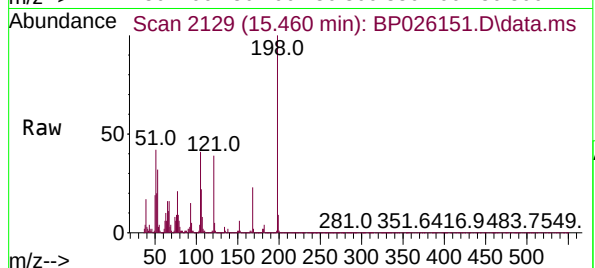
105 41.3 18.5 58.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#66

n-Nitrosodiphenylamine

Concen: 40.009 ng

RT: 15.607 min Scan# 2154

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

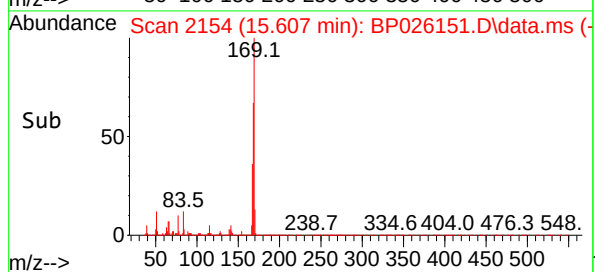
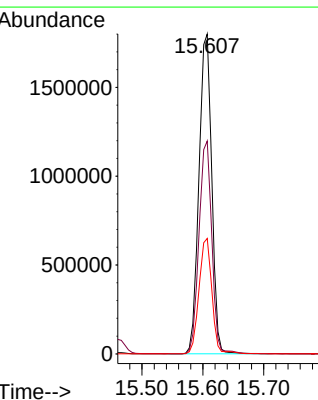
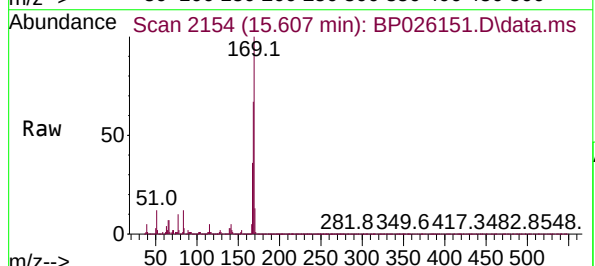
Tgt Ion:169 Resp: 2623713

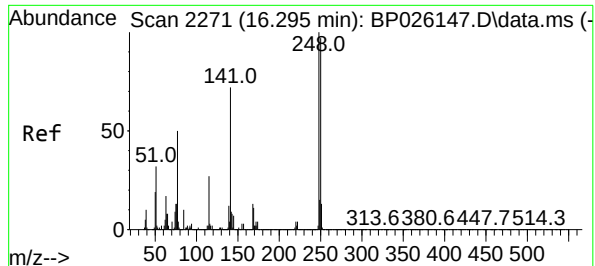
Ion Ratio Lower Upper

169 100

168 66.5 53.1 79.7

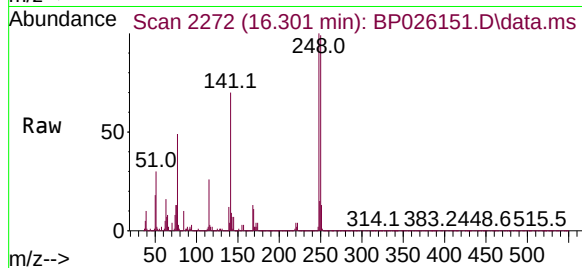
167 36.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 40.921 ng
RT: 16.301 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

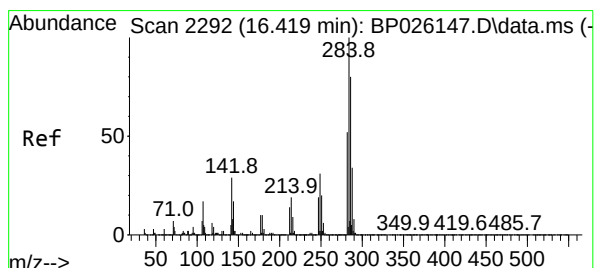
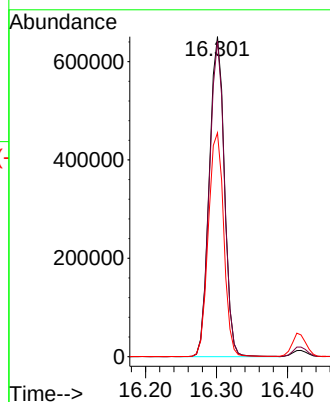
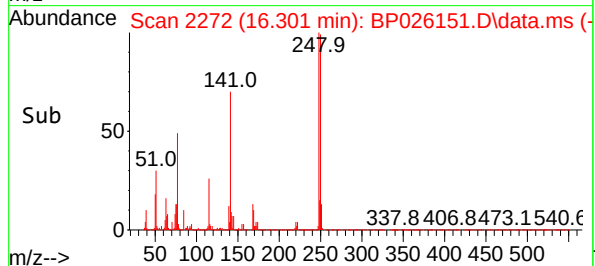
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:248 Resp: 960730
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.6
141 69.9 55.4 83.0

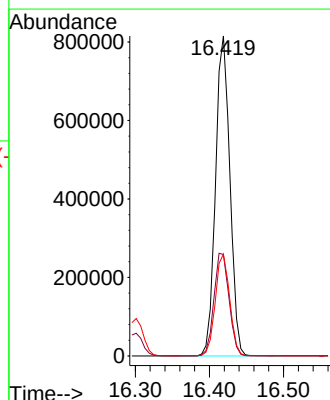
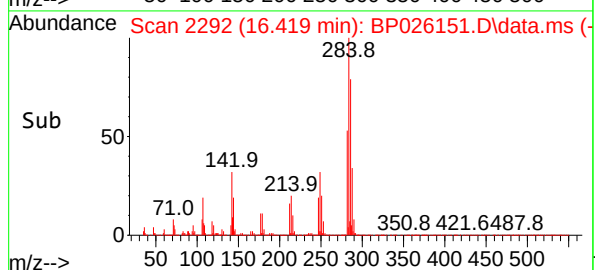
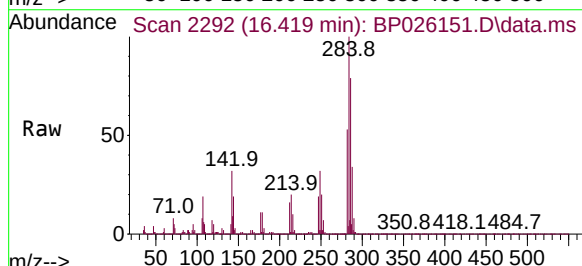
Manual Integrations
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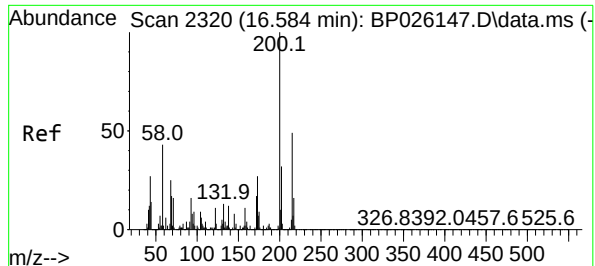
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#68
Hexachlorobenzene
Concen: 40.295 ng
RT: 16.419 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:284 Resp: 1097761
Ion Ratio Lower Upper
284 100
142 31.7 28.0 42.0
249 31.8 25.0 37.4





#69

Atrazine

Concen: 39.843 ng

RT: 16.589 min Scan# 2320

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

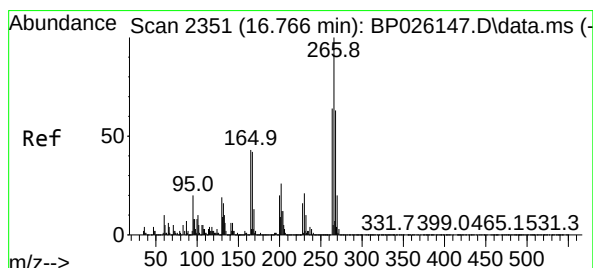
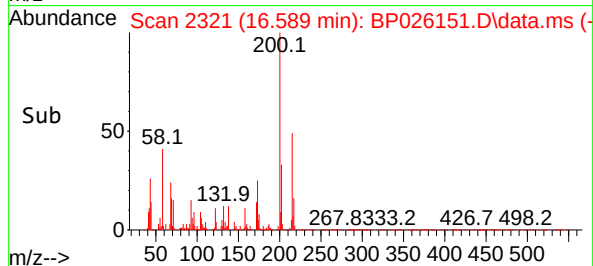
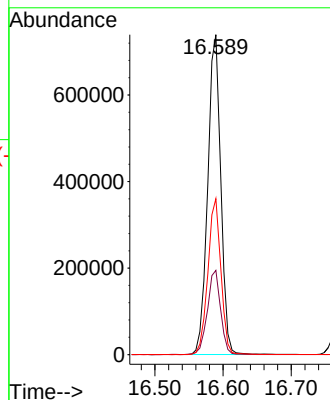
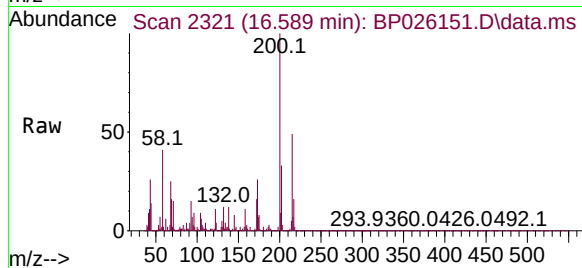
Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:	200	Resp:	98527
Ion Ratio	Lower	Upper	
200	100		
173	26.3	6.7	46.7
215	48.7	27.4	67.4

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

#70

Pentachlorophenol

Concen: 40.719 ng

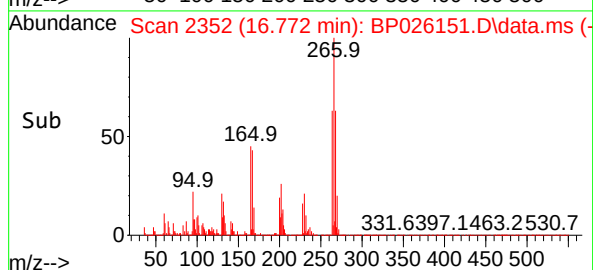
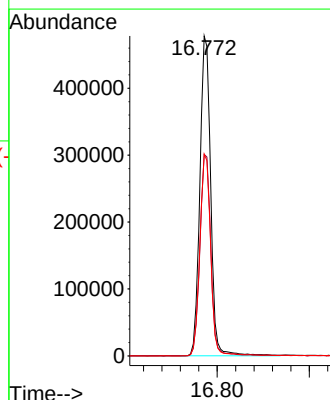
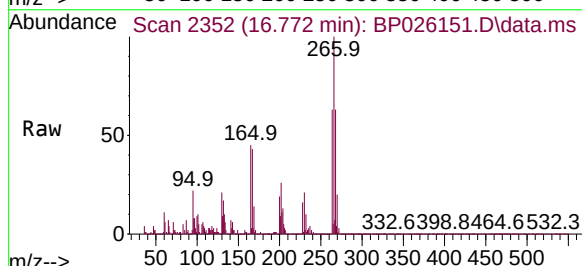
RT: 16.772 min Scan# 2352

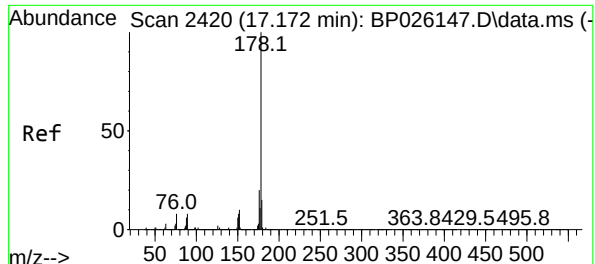
Delta R.T. -0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Tgt Ion:	266	Resp:	775987
Ion Ratio	Lower	Upper	
266	100		
268	63.0	51.0	76.4
264	63.1	50.2	75.2





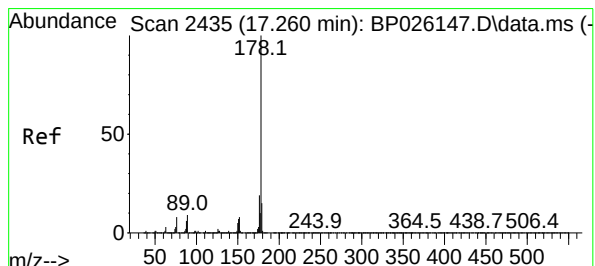
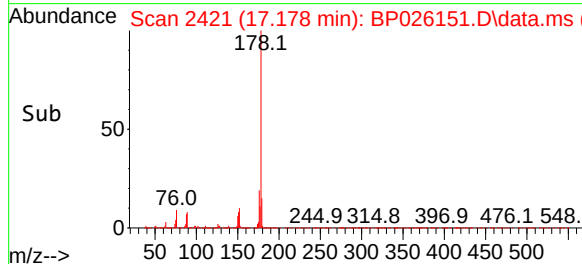
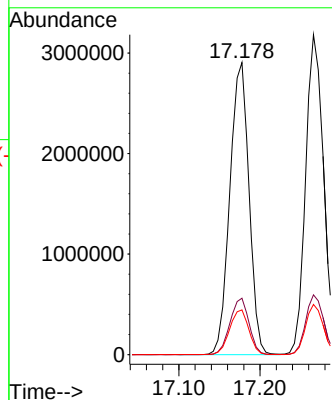
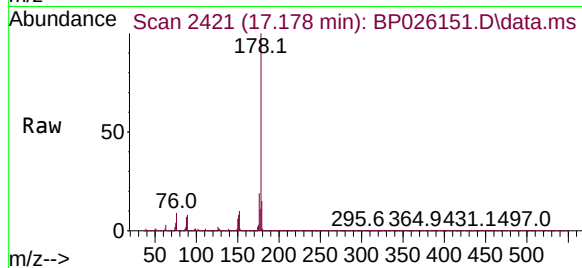
#71
Phenanthrene
Concen: 39.930 ng
RT: 17.178 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:178 Resp: 4768475
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.4 18.6

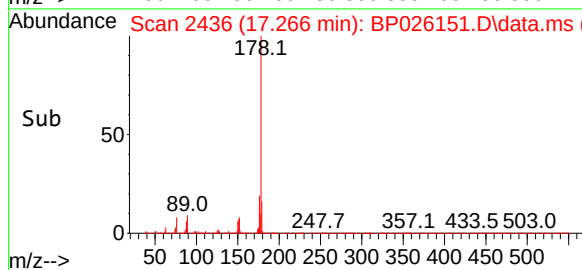
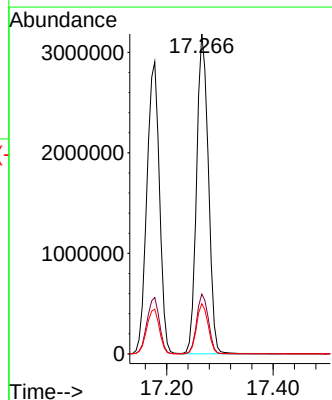
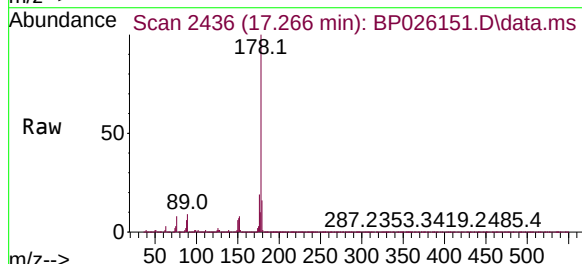
Manual Integrations
APPROVED

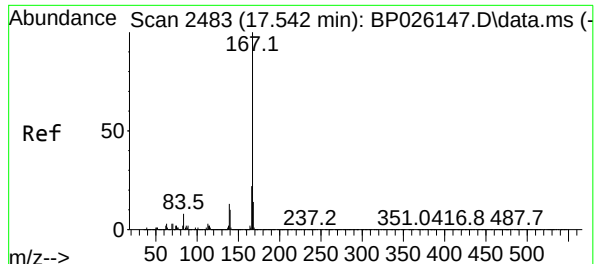
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 40.026 ng
RT: 17.266 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

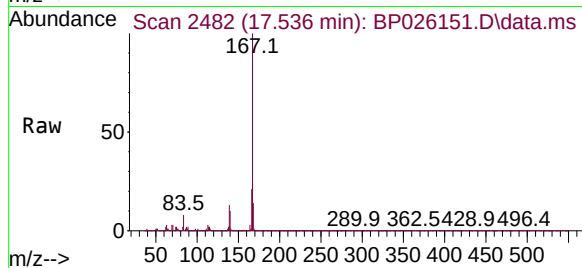
Tgt Ion:178 Resp: 4875395
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.7 12.2 18.4





#73
Carbazole
Concen: 39.777 ng
RT: 17.536 min Scan# 2482
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

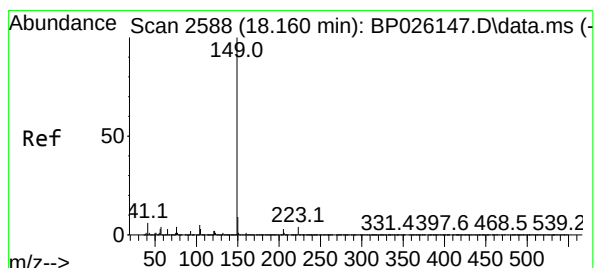
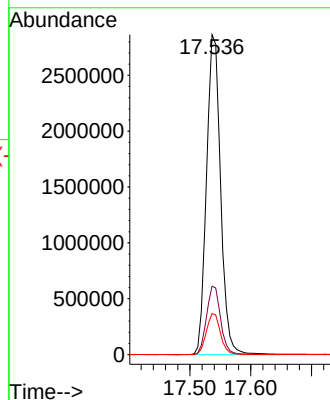
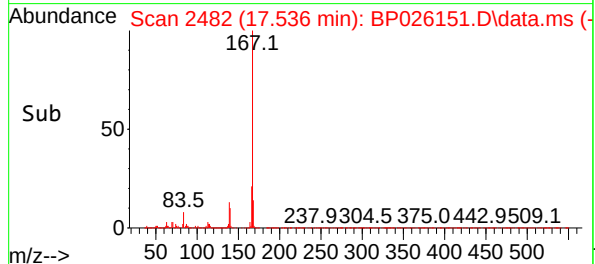
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:167 Resp: 4601692
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 12.8 10.2 15.4

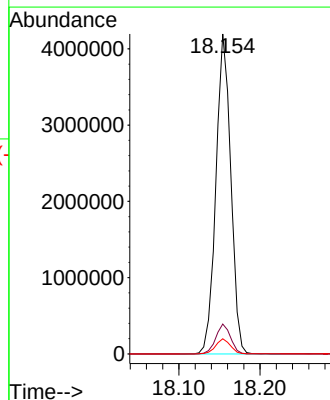
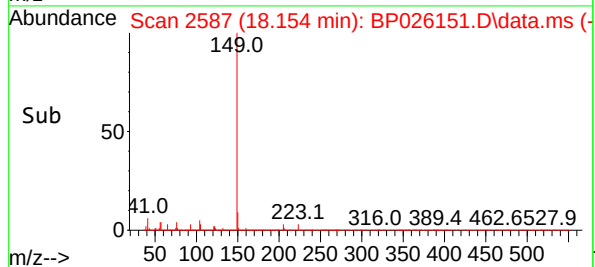
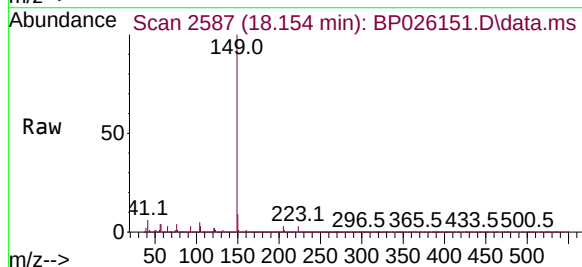
Manual Integrations
APPROVED

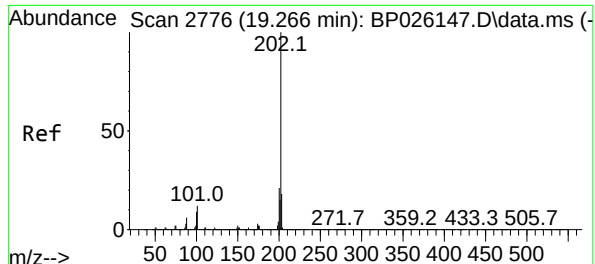
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#74
Di-n-butylphthalate
Concen: 38.873 ng
RT: 18.154 min Scan# 2587
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

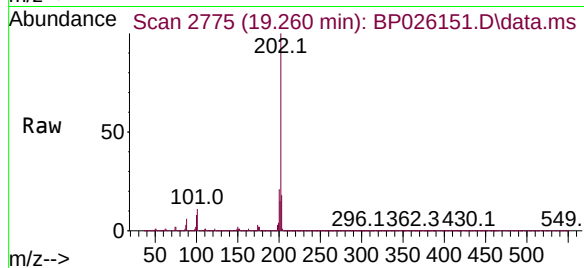
Tgt Ion:149 Resp: 5331384
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 39.137 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

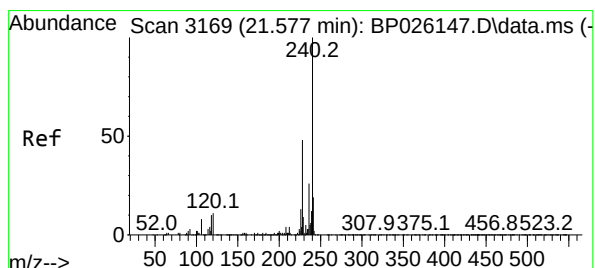
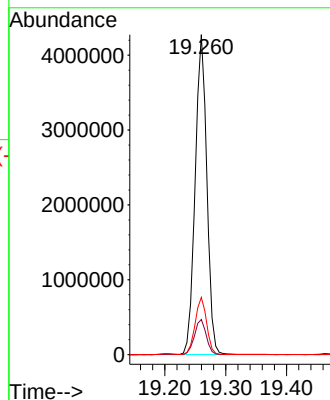
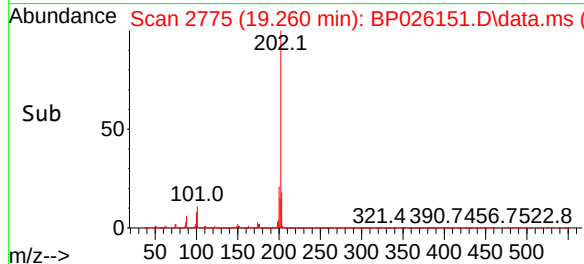
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:202 Resp: 5678696
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.2
203 17.9 0.0 37.7

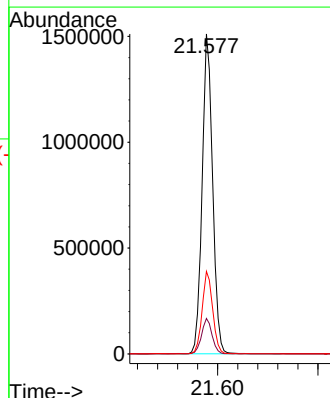
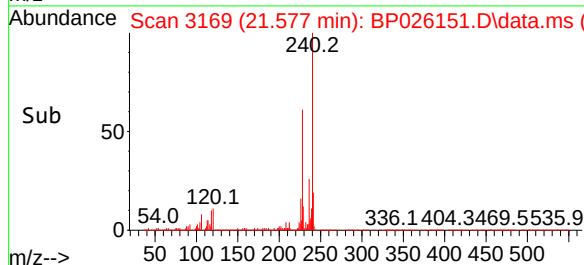
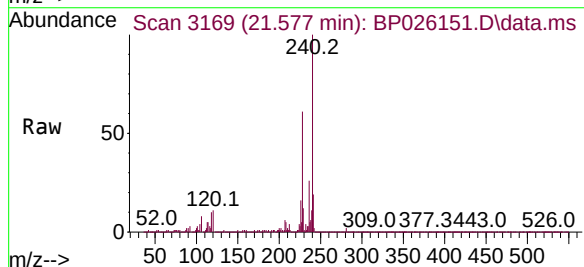
Manual Integrations
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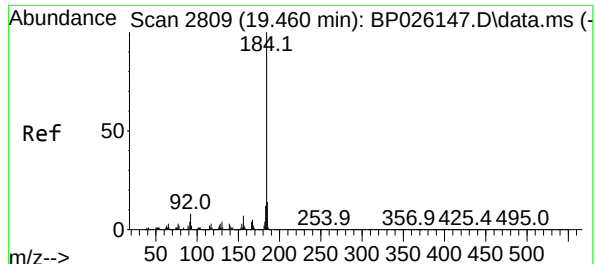
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:240 Resp: 2196318
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 25.8 20.4 30.6





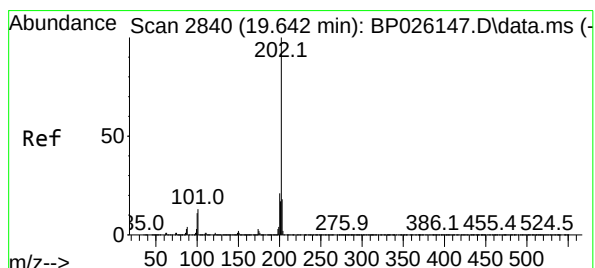
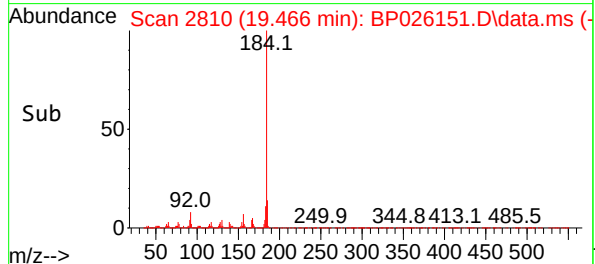
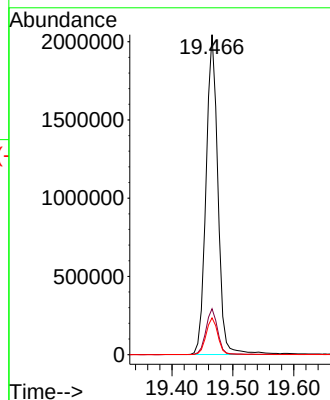
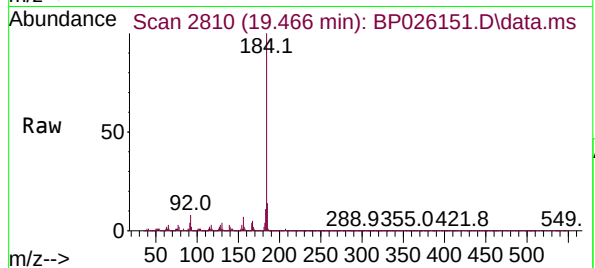
#77
Benzidine
Concen: 39.739 ng
RT: 19.466 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:184 Resp: 2769880
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 11.5 9.0 13.6

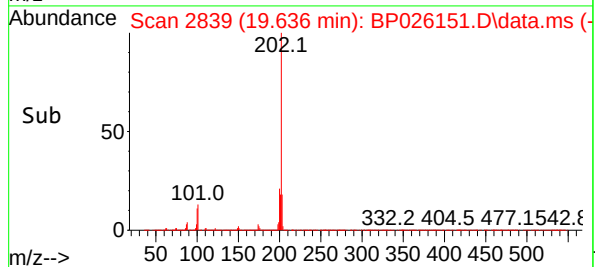
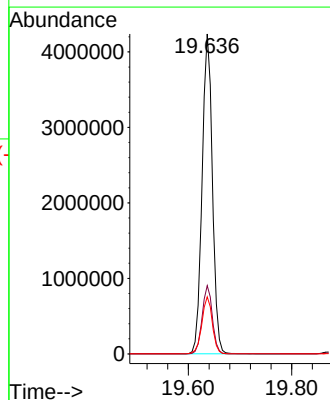
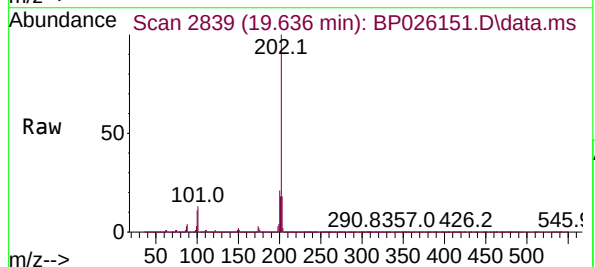
Manual Integrations
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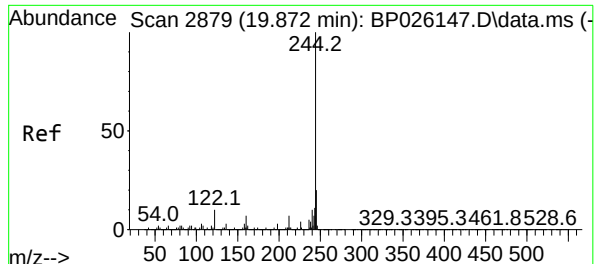
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 40.685 ng
RT: 19.636 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:202 Resp: 5858930
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.8 13.8 20.8





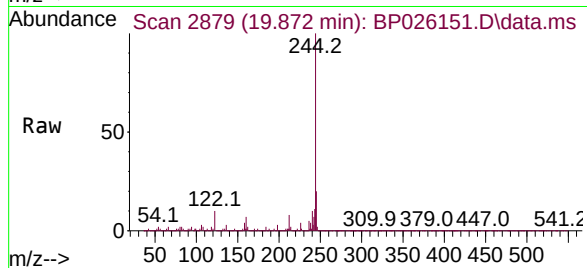
#79
Terphenyl-d14
Concen: 78.411 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

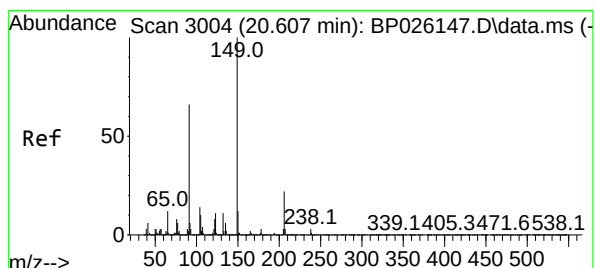
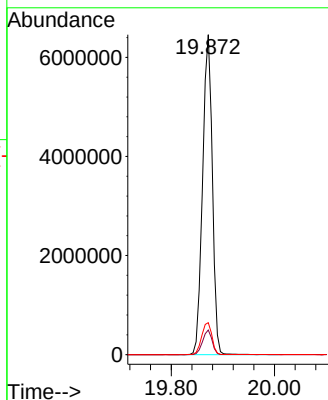
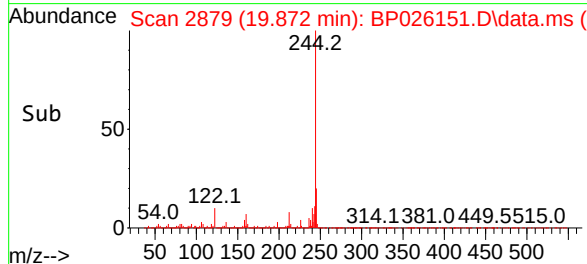
ICVBP111825



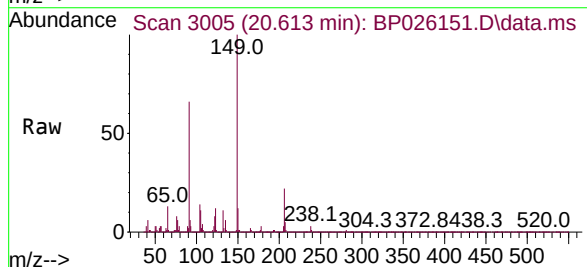
Tgt Ion:244 Resp: 8445903
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 10.0 8.2 12.2

Manual Integrations
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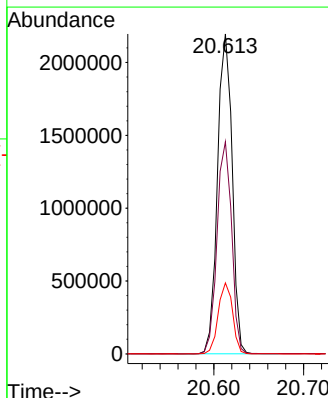
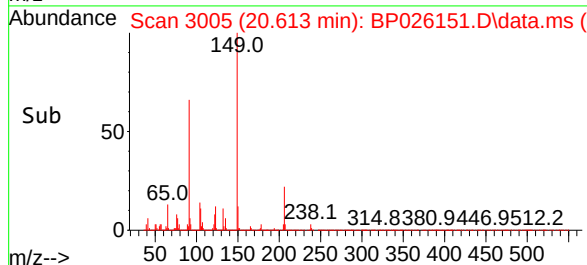
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

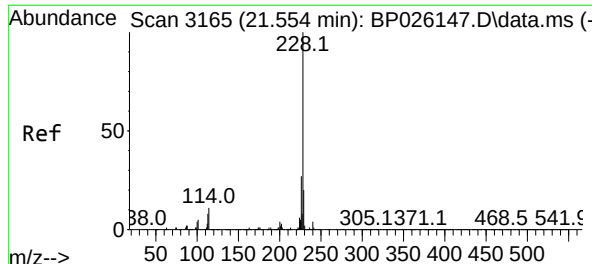


#80
Butylbenzylphthalate
Concen: 39.196 ng
RT: 20.613 min Scan# 3005
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25



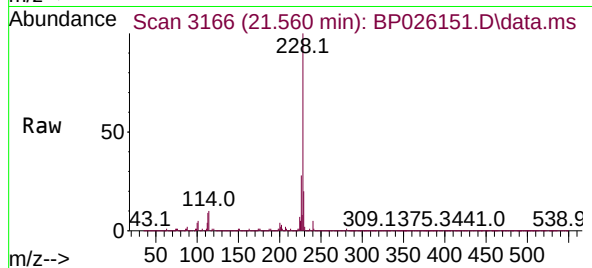
Tgt Ion:149 Resp: 2485794
Ion Ratio Lower Upper
149 100
91 66.3 52.6 79.0
206 22.2 16.9 25.3





#81
Benzo(a)anthracene
Concen: 39.748 ng
RT: 21.560 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

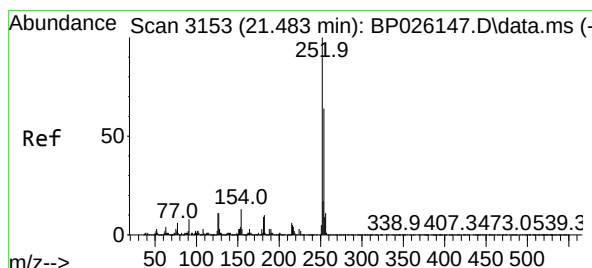
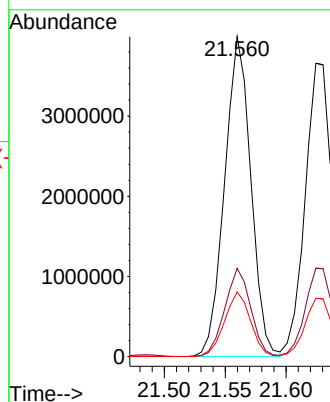
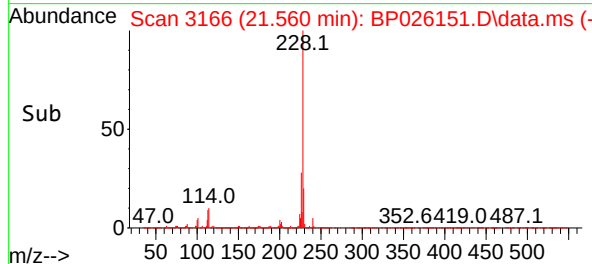
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion:228 Resp: 5995605
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 20.2 15.9 23.9

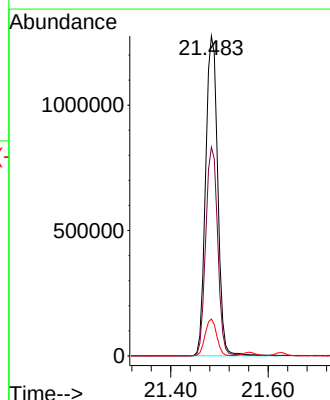
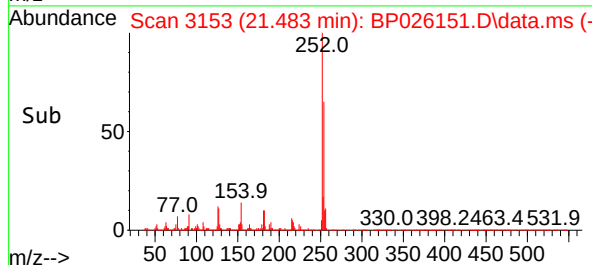
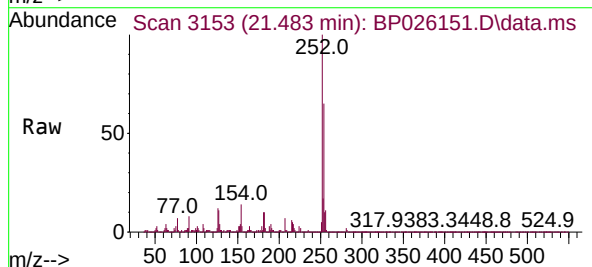
Manual Integrations
APPROVED

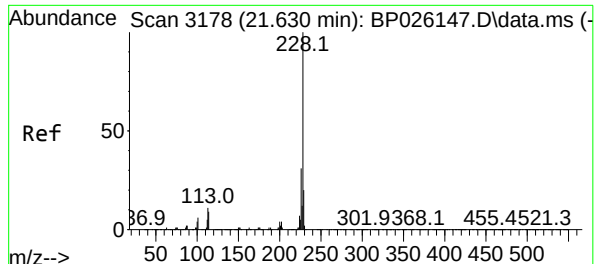
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 40.210 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion:252 Resp: 2205669
Ion Ratio Lower Upper
252 100
254 65.2 51.2 76.8
126 11.5 8.2 12.4





#83

Chrysene

Concen: 39.951 ng

RT: 21.624 min Scan# 3177

Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:228 Resp: 567937

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

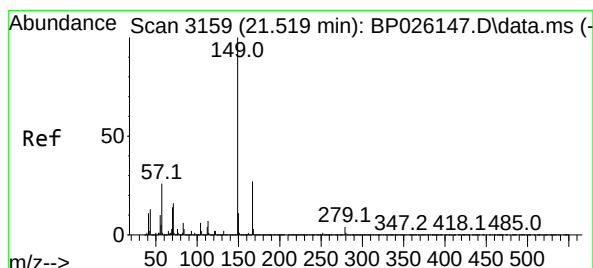
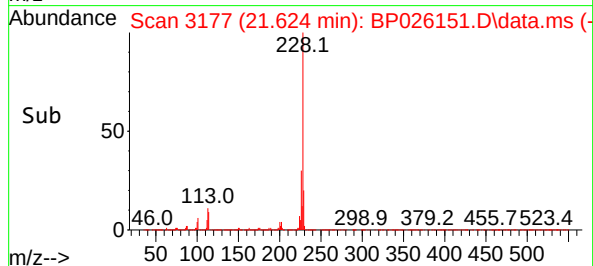
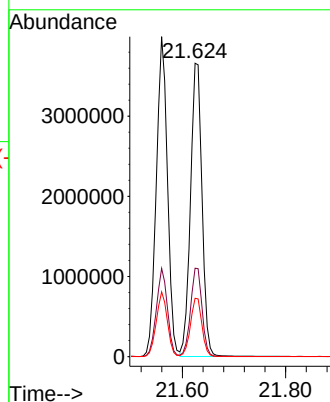
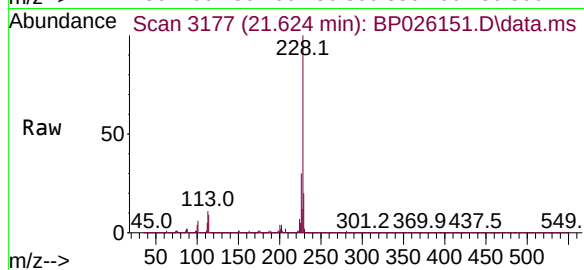
229 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.974 ng

RT: 21.524 min Scan# 3160

Delta R.T. 0.006 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

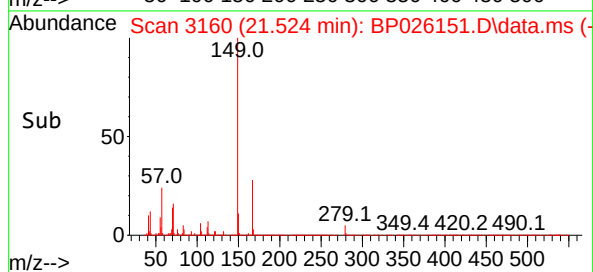
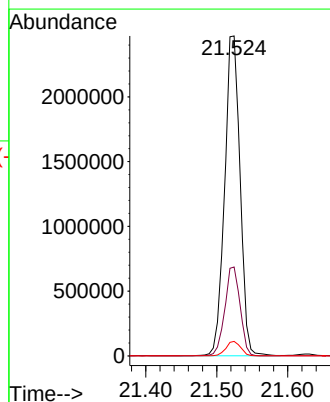
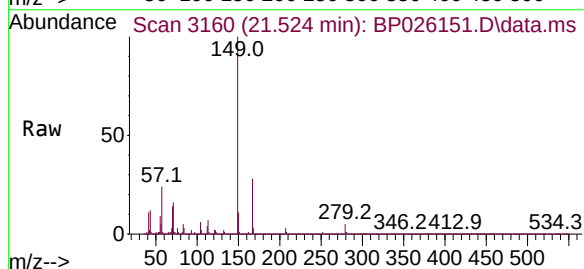
Tgt Ion:149 Resp: 3741593

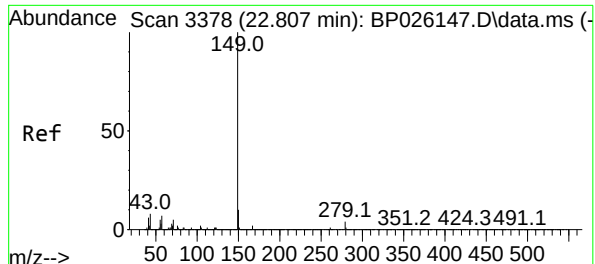
Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

279 4.5 3.3 4.9





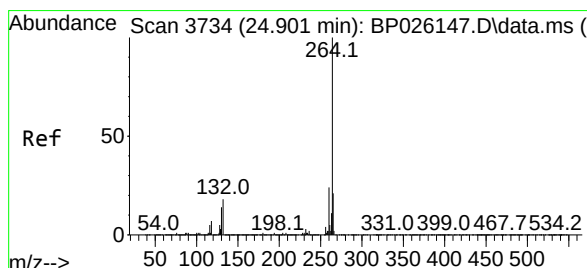
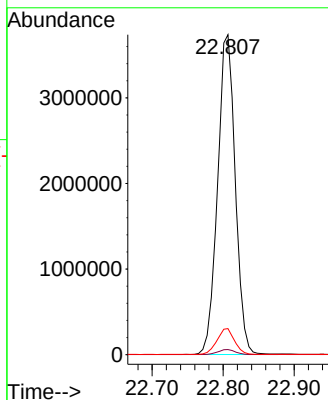
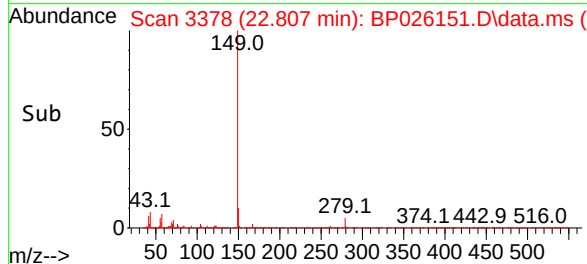
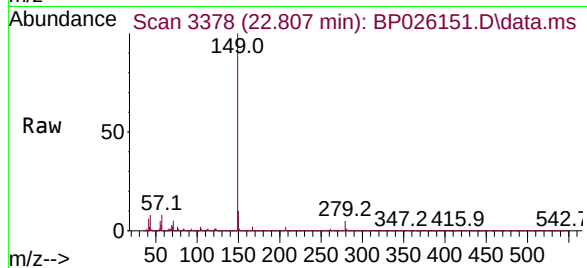
#85
Di-n-octyl phthalate
Concen: 38.576 ng
RT: 22.807 min Scan# 3378
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Tgt Ion:149 Resp: 6475670
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.0 6.6 10.0

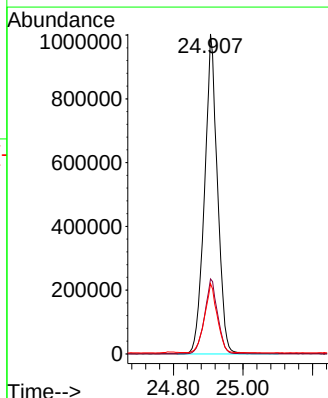
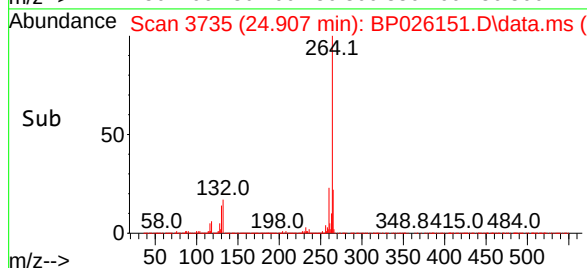
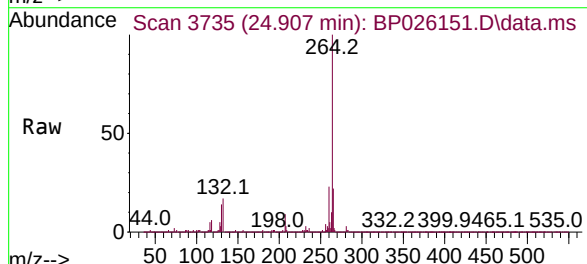
Manual Integrations
APPROVED

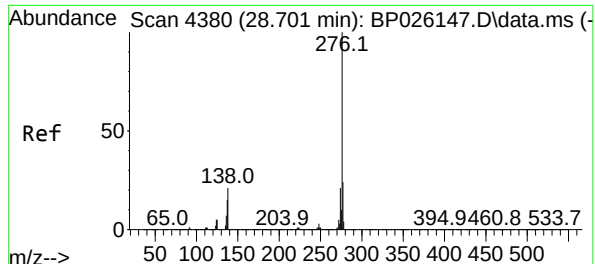
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

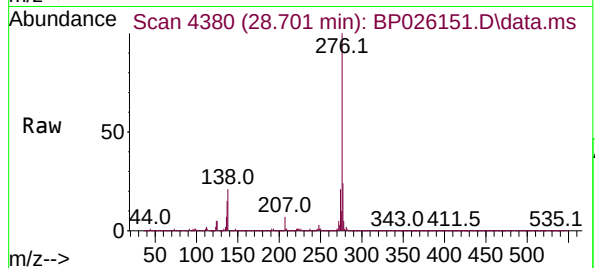
Tgt Ion:264 Resp: 2586780
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.852 ng m
RT: 28.701 min Scan# 4380
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

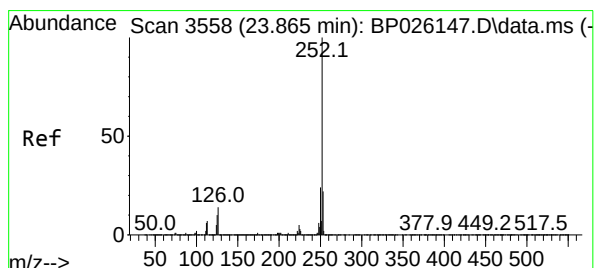
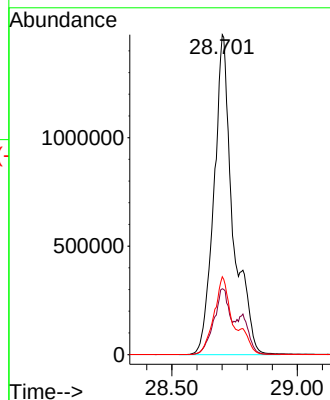
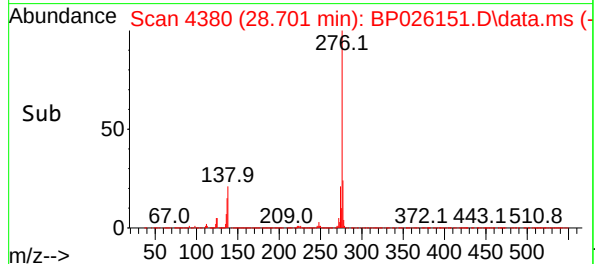
Instrument :
BNA_P
ClientSampleId :
ICVBP111825



Tgt Ion: 276 Resp: 773132
Ion Ratio Lower Upper
276 100
138 16.9 13.8 20.8
277 21.3 16.7 25.1

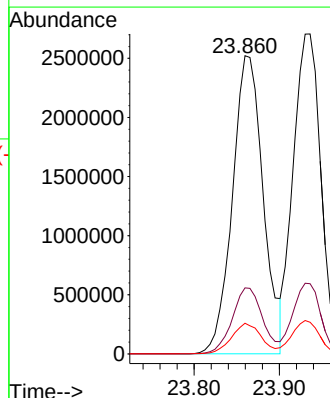
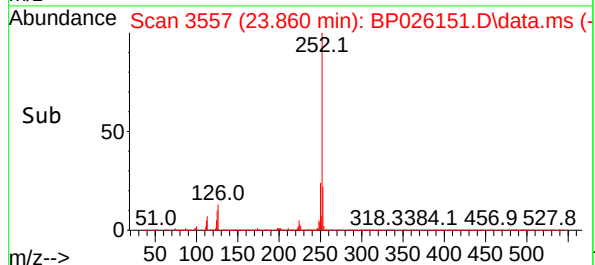
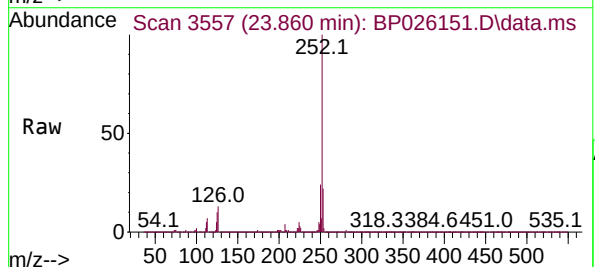
Manual Integrations
APPROVED

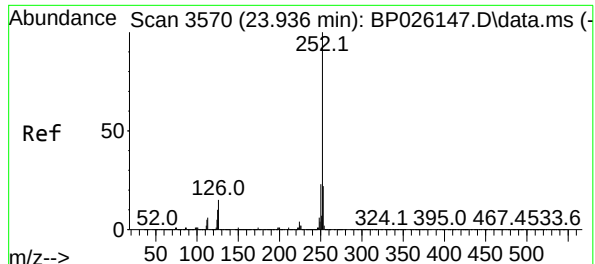
Reviewed By : Jagrut Upadhyay 11/19/2025
Supervised By : Sohil Jodhani 11/19/2025



#88
Benzo(b)fluoranthene
Concen: 40.239 ng
RT: 23.860 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BP026151.D
Acq: 18 Nov 2025 23:25

Tgt Ion: 252 Resp: 6338827
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.3 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 38.799 ng

RT: 23.936 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:252 Resp: 610484

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

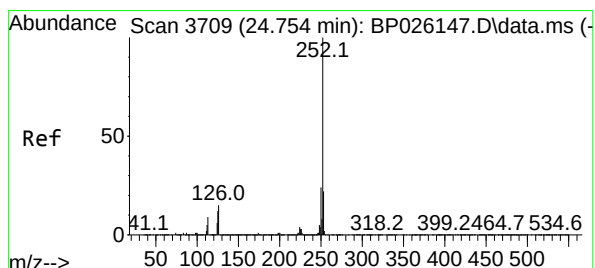
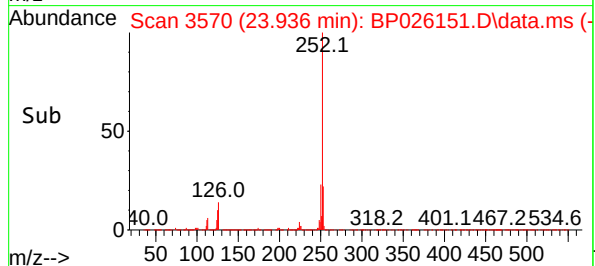
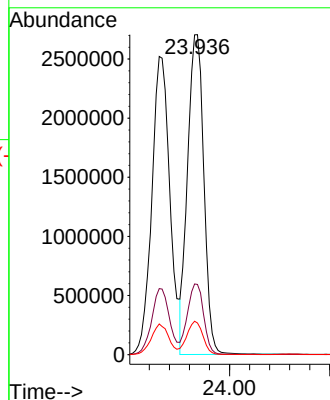
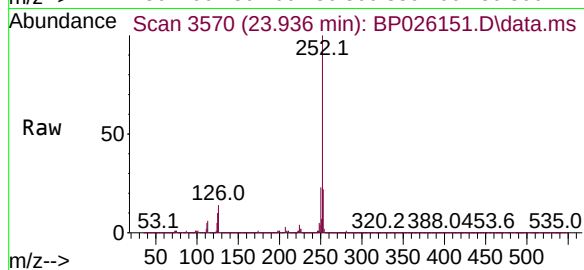
125 9.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 39.855 ng

RT: 24.754 min Scan# 3709

Delta R.T. 0.000 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

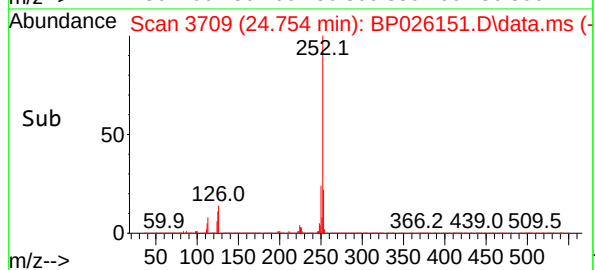
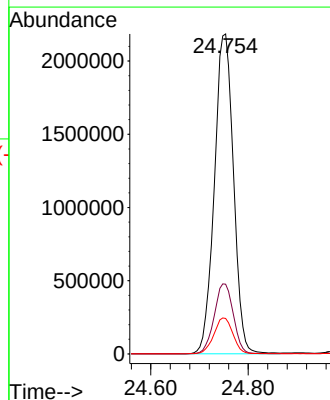
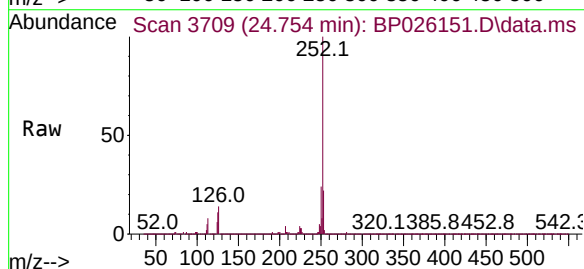
Tgt Ion:252 Resp: 5947125

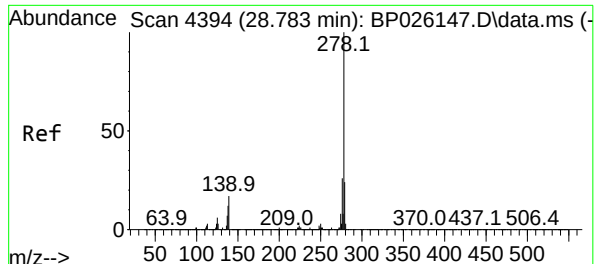
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 11.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.970 ng

RT: 28.783 min Scan# 4394

Delta R.T. -0.012 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

Instrument :

BNA_P

ClientSampleId :

ICVBP111825

Tgt Ion:278 Resp: 6347656

Ion Ratio Lower Upper

278 100

139 16.7 13.2 19.8

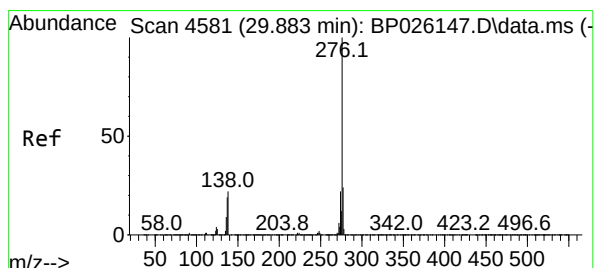
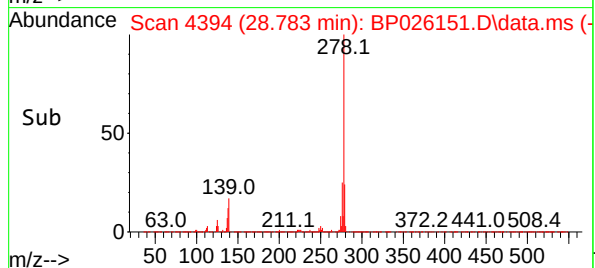
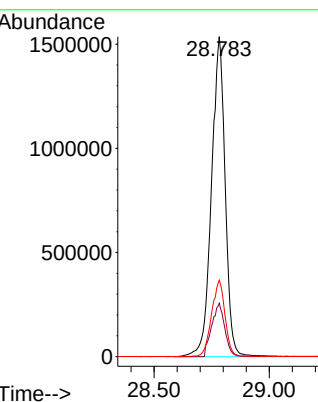
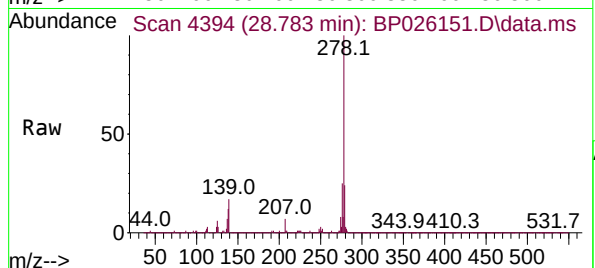
279 23.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#92

Benzo(g,h,i)perylene

Concen: 40.207 ng

RT: 29.859 min Scan# 4577

Delta R.T. -0.023 min

Lab File: BP026151.D

Acq: 18 Nov 2025 23:25

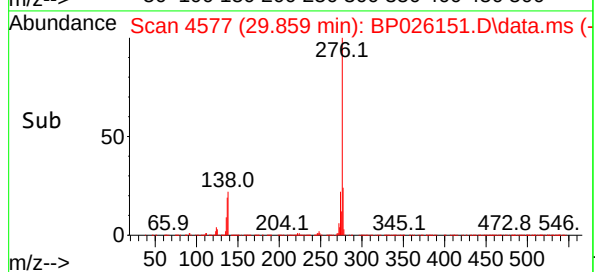
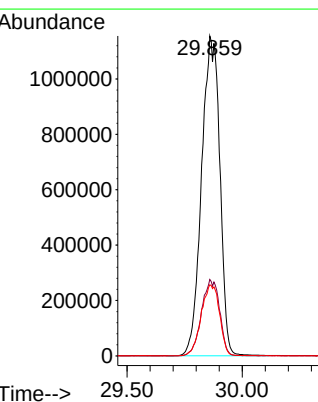
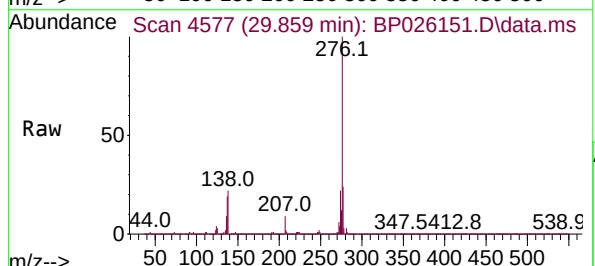
Tgt Ion:276 Resp: 6346496

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.2 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
2	1,4-Dioxane	0.505	0.475	5.9	105	0.00
3	Pyridine	1.461	1.458	0.2	108	0.00
4	n-Nitrosodimethylamine	0.546	0.545	0.2	108	0.00
5 S	2-Fluorophenol	1.246	1.245	0.1	107	0.00
6	Aniline	2.094	2.186	-4.4	110	0.00
7 S	Phenol-d6	1.586	1.667	-5.1	111	0.00
8	2-Chlorophenol	1.418	1.459	-2.9	109	0.00
9	Benzaldehyde	0.831	0.948	-14.1	110	0.00
10 C	Phenol	1.709	1.797	-5.1	110	0.00
11	bis(2-Chloroethyl)ether	1.338	1.374	-2.7	108	0.00
12	1,3-Dichlorobenzene	1.528	1.512	1.0	106	0.00
13 C	1,4-Dichlorobenzene	1.540	1.530	0.6	107	0.00
14	1,2-Dichlorobenzene	1.479	1.498	-1.3	109	0.00
15	Benzyl Alcohol	1.162	1.232	-6.0	111	0.00
16	2,2'-oxybis(1-Chloropropane	1.879	1.916	-2.0	107	0.00
17	2-Methylphenol	1.163	1.237	-6.4	111	0.00
18	Hexachloroethane	0.560	0.567	-1.2	108	0.00
19 P	n-Nitroso-di-n-propylamine	0.985	1.067	-8.3	112	0.00
20	3+4-Methylphenols	1.612	1.712	-6.2	113	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	111	0.00
22	Acetophenone	0.508	0.505	0.6	111	0.00
23 S	Nitrobenzene-d5	0.352	0.355	-0.9	111	0.00
24	Nitrobenzene	0.356	0.358	-0.6	111	0.00
25	Isophorone	0.698	0.721	-3.3	113	0.00
26 C	2-Nitrophenol	0.180	0.190	-5.6	112	0.00
27	2,4-Dimethylphenol	0.325	0.330	-1.5	112	0.00
28	bis(2-Chloroethoxy)methane	0.437	0.442	-1.1	112	0.00
29 C	2,4-Dichlorophenol	0.325	0.334	-2.8	113	0.00
30	1,2,4-Trichlorobenzene	0.331	0.327	1.2	110	0.00
31	Naphthalene	1.081	1.069	1.1	111	0.00
32	Benzoic acid	0.274	0.290	-5.8	117	0.01
33	4-Chloroaniline	0.460	0.473	-2.8	112	0.00
34 C	Hexachlorobutadiene	0.215	0.210	2.3	109	0.00
35	Caprolactam	0.116	0.122	-5.2	116	0.01
36 C	4-Chloro-3-methylphenol	0.345	0.369	-7.0	116	0.00
37	2-Methylnaphthalene	0.766	0.784	-2.3	113	0.00
38	1-Methylnaphthalene	0.749	0.770	-2.8	112	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	0.605	0.584	3.5	111	0.00
41 P	Hexachlorocyclopentadiene	0.396	0.390	1.5	112	0.00
42 S	2,4,6-Tribromophenol	0.259	0.261	-0.8	112	0.00
43 C	2,4,6-Trichlorophenol	0.415	0.420	-1.2	114	0.00
44	2,4,5-Trichlorophenol	0.463	0.465	-0.4	113	0.00
45 S	2-Fluorobiphenyl	1.365	1.297	5.0	110	0.00
46	1,1'-Biphenyl	1.506	1.464	2.8	112	0.00
47	2-Chloronaphthalene	1.184	1.149	3.0	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.329	0.345	-4.9	116	-0.01
49	Acenaphthylene	1.953	1.938	0.8	113	0.00
50	Dimethylphthalate	1.494	1.470	1.6	112	0.00
51	2,6-Dinitrotoluene	0.296	0.319	-7.8	115	0.00
52 C	Acenaphthene	1.145	1.114	2.7	111	0.00
53	3-Nitroaniline	0.349	0.369	-5.7	116	0.00
54 P	2,4-Dinitrophenol	0.179	0.190	-6.1	116	-0.01
55	Dibenzofuran	1.773	1.730	2.4	111	0.00
56 P	4-Nitrophenol	0.315	0.318	-1.0	114	-0.01
57	2,4-Dinitrotoluene	0.442	0.470	-6.3	114	0.00
58	Fluorene	1.401	1.365	2.6	112	0.00
59	2,3,4,6-Tetrachlorophenol	0.393	0.399	-1.5	113	0.00
60	Diethylphthalate	1.505	1.469	2.4	110	-0.01
61	4-Chlorophenyl-phenylether	0.697	0.678	2.7	111	0.00
62	4-Nitroaniline	0.362	0.368	-1.7	115	0.00
63	Azobenzene	1.269	1.264	0.4	111	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	113	0.00
65	4,6-Dinitro-2-methylphenol	0.127	0.134	-5.5	113	0.00
66 c	n-Nitrosodiphenylamine	0.619	0.619	0.0	112	0.00
67	4-Bromophenyl-phenylether	0.221	0.227	-2.7	111	0.00
68	Hexachlorobenzene	0.257	0.259	-0.8	110	0.00
69	Atrazine	0.233	0.232	0.4	110	0.00
70 C	Pentachlorophenol	0.180	0.183	-1.7	113	0.00
71	Phenanthrene	1.127	1.125	0.2	113	0.00
72	Anthracene	1.149	1.150	-0.1	111	0.00
73	Carbazole	1.091	1.085	0.5	111	0.00
74	Di-n-butylphthalate	1.294	1.257	2.9	104	0.00
75 C	Fluoranthene	1.369	1.339	2.2	110	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	110	0.00
77	Benzidine	0.635	0.631	0.6	112	0.00
78	Pyrene	1.311	1.334	-1.8	110	0.00
79 S	Terphenyl-d14	0.981	0.961	2.0	107	0.00
80	Butylbenzylphthalate	0.578	0.566	2.1	103	0.00
81	Benzo(a)anthracene	1.374	1.365	0.7	109	0.00
82	3,3'-Dichlorobenzidine	0.500	0.502	-0.4	110	0.00
83	Chrysene	1.295	1.293	0.2	111	0.00
84	Bis(2-ethylhexyl)phthalate	0.874	0.852	2.5	100	0.00
85 c	Di-n-octyl phthalate	1.529	1.474	3.6	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	115	0.00
87	Indeno(1,2,3-cd)pyrene	1.500	1.494	0.4	114	0.00
88	Benzo(b)fluoranthene	1.218	1.225	-0.6	114	0.00
89	Benzo(k)fluoranthene	1.217	1.180	3.0	112	0.00
90 C	Benzo(a)pyrene	1.154	1.150	0.3	113	0.00
91	Dibenzo(a,h)anthracene	1.228	1.227	0.1	114	-0.01
92	Benzo(g,h,i)perylene	1.220	1.227	-0.6	116	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	107	0.00
2	1,4-Dioxane	40.000	37.593	6.0	105	0.00
3	Pyridine	40.000	39.921	0.2	108	0.00
4	n-Nitrosodimethylamine	40.000	39.942	0.1	108	0.00
5 S	2-Fluorophenol	80.000	79.929	0.1	107	0.00
6	Aniline	40.000	41.740	-4.4	110	0.00
7 S	Phenol-d6	80.000	84.094	-5.1	111	0.00
8	2-Chlorophenol	40.000	41.146	-2.9	109	0.00
9	Benzaldehyde	40.000	45.618	-14.0	110	0.00
10 C	Phenol	40.000	42.060	-5.2	110	0.00
11	bis(2-Chloroethyl)ether	40.000	41.067	-2.7	108	0.00
12	1,3-Dichlorobenzene	40.000	39.587	1.0	106	0.00
13 C	1,4-Dichlorobenzene	40.000	39.742	0.6	107	0.00
14	1,2-Dichlorobenzene	40.000	40.516	-1.3	109	0.00
15	Benzyl Alcohol	40.000	42.414	-6.0	111	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.794	-2.0	107	0.00
17	2-Methylphenol	40.000	42.532	-6.3	111	0.00
18	Hexachloroethane	40.000	40.466	-1.2	108	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	43.311	-8.3	112	0.00
20	3+4-Methylphenols	40.000	42.486	-6.2	113	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	111	0.00
22	Acetophenone	40.000	39.758	0.6	111	0.00
23 S	Nitrobenzene-d5	80.000	80.717	-0.9	111	0.00
24	Nitrobenzene	40.000	40.166	-0.4	111	0.00
25	Isophorone	40.000	41.325	-3.3	113	0.00
26 C	2-Nitrophenol	40.000	42.113	-5.3	112	0.00
27	2,4-Dimethylphenol	40.000	40.595	-1.5	112	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.412	-1.0	112	0.00
29 C	2,4-Dichlorophenol	40.000	41.185	-3.0	113	0.00
30	1,2,4-Trichlorobenzene	40.000	39.515	1.2	110	0.00
31	Naphthalene	40.000	39.543	1.1	111	0.00
32	Benzoic acid	40.000	42.328	-5.8	117	0.01
33	4-Chloroaniline	40.000	41.152	-2.9	112	0.00
34 C	Hexachlorobutadiene	40.000	38.979	2.6	109	0.00
35	Caprolactam	40.000	41.978	-4.9	116	0.01
36 C	4-Chloro-3-methylphenol	40.000	42.798	-7.0	116	0.00
37	2-Methylnaphthalene	40.000	40.901	-2.3	113	0.00
38	1-Methylnaphthalene	40.000	41.101	-2.8	112	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.653	3.4	111	0.00
41 P	Hexachlorocyclopentadiene	40.000	39.451	1.4	112	0.00
42 S	2,4,6-Tribromophenol	80.000	80.522	-0.7	112	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.482	-1.2	114	0.00
44	2,4,5-Trichlorophenol	40.000	40.200	-0.5	113	0.00
45 S	2-Fluorobiphenyl	80.000	76.016	5.0	110	0.00
46	1,1'-Biphenyl	40.000	38.891	2.8	112	0.00
47	2-Chloronaphthalene	40.000	38.816	3.0	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	41.880	-4.7	116	-0.01
49	Acenaphthylene	40.000	39.676	0.8	113	0.00
50	Dimethylphthalate	40.000	39.365	1.6	112	0.00
51	2,6-Dinitrotoluene	40.000	43.045	-7.6	115	0.00
52 C	Acenaphthene	40.000	38.919	2.7	111	0.00
53	3-Nitroaniline	40.000	42.369	-5.9	116	0.00
54 P	2,4-Dinitrophenol	40.000	42.569	-6.4	116	-0.01
55	Dibenzofuran	40.000	39.037	2.4	111	0.00
56 P	4-Nitrophenol	40.000	40.312	-0.8	114	-0.01
57	2,4-Dinitrotoluene	40.000	42.577	-6.4	114	0.00
58	Fluorene	40.000	38.962	2.6	112	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	40.668	-1.7	113	0.00
60	Diethylphthalate	40.000	39.059	2.4	110	-0.01
61	4-Chlorophenyl-phenylether	40.000	38.882	2.8	111	0.00
62	4-Nitroaniline	40.000	40.700	-1.8	115	0.00
63	Azobenzene	40.000	39.832	0.4	111	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	113	0.00
65	4,6-Dinitro-2-methylphenol	40.000	42.199	-5.5	113	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.009	-0.0	112	0.00
67	4-Bromophenyl-phenylether	40.000	40.921	-2.3	111	0.00
68	Hexachlorobenzene	40.000	40.295	-0.7	110	0.00
69	Atrazine	40.000	39.843	0.4	110	0.00
70 C	Pentachlorophenol	40.000	40.719	-1.8	113	0.00
71	Phenanthrene	40.000	39.930	0.2	113	0.00
72	Anthracene	40.000	40.026	-0.1	111	0.00
73	Carbazole	40.000	39.777	0.6	111	0.00
74	Di-n-butylphthalate	40.000	38.873	2.8	104	0.00
75 C	Fluoranthene	40.000	39.137	2.2	110	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	110	0.00
77	Benzydine	40.000	39.739	0.7	112	0.00
78	Pyrene	40.000	40.685	-1.7	110	0.00
79 S	Terphenyl-d14	80.000	78.411	2.0	107	0.00
80	Butylbenzylphthalate	40.000	39.196	2.0	103	0.00
81	Benzo(a)anthracene	40.000	39.748	0.6	109	0.00
82	3,3'-Dichlorobenzidine	40.000	40.210	-0.5	110	0.00
83	Chrysene	40.000	39.951	0.1	111	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.974	2.6	100	0.00
85 c	Di-n-octyl phthalate	40.000	38.576	3.6	102	0.00
86 I	Perylene-d12	20.000	20.000	0.0	115	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	39.852	0.4	114	0.00
88	Benzo(b)fluoranthene	40.000	40.239	-0.6	114	0.00
89	Benzo(k)fluoranthene	40.000	38.799	3.0	112	0.00
90 C	Benzo(a)pyrene	40.000	39.855	0.4	113	0.00
91	Dibenzo(a,h)anthracene	40.000	39.970	0.1	114	-0.01
92	Benzo(g,h,i)perylene	40.000	40.207	-0.5	116	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026151.D
Acq On : 18 Nov 2025 23:25
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP111825

Quant Time: Nov 19 01:53:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = 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: ALLI03
 Lab Code: ACE SDG No.: Q3483
 Instrument ID: BNA_G Calibration Date/Time: 11/18/2025 12:10
 Lab File ID: BG064799.D Init. Calib. Date(s): 11/12/2025 11/12/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:17 16:04
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.145	1.128		-1.5	
Phenol-d6	1.523	1.523		0.0	
Nitrobenzene-d5	0.405	0.405		0.0	
2-Fluorobiphenyl	1.433	1.382		-3.6	
2,4,6-Tribromophenol	0.390	0.387		-0.8	
Atrazine	0.253	0.253		0.0	
Terphenyl-d14	1.017	1.058		4.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064799.D
 Acq On : 18 Nov 2025 12:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	48235	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	186828	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	151237	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	378244	20.000	ng	0.00
76) Chrysene-d12	21.754	240	462465	20.000	ng	0.00
86) Perylene-d12	25.009	264	455207	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	217553	78.759	ng	0.00
7) Phenol-d6	7.306	99	293820	79.975	ng	0.00
23) Nitrobenzene-d5	9.327	82	302316	80.006	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	234306	79.437	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	835854	77.118	ng	0.00
79) Terphenyl-d14	20.091	244	1956806	83.233	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	39621	37.051	ng	98
3) Pyridine	3.939	79	124586	39.101	ng	99
4) n-Nitrosodimethylamine	3.845	42	58234	35.909	ng	87
6) Aniline	7.482	93	195851	39.994	ng	98
8) 2-Chlorophenol	7.723	128	122447	40.371	ng	97
9) Benzaldehyde	7.288	77	88012	36.596	ng	98
10) Phenol	7.335	94	162976	40.771	ng	94
11) bis(2-Chloroethyl)ether	7.570	93	118920	41.807	ng	99
12) 1,3-Dichlorobenzene	8.052	146	138506	39.686	ng	98
13) 1,4-Dichlorobenzene	8.199	146	140408	39.509	ng	96
14) 1,2-Dichlorobenzene	8.522	146	136943	39.742	ng	99
15) Benzyl Alcohol	8.393	79	119248	39.543	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.687	45	247038	36.692	ng	97
17) 2-Methylphenol	8.599	107	113653	40.183	ng	96
18) Hexachloroethane	9.257	117	50733	37.692	ng	95
19) n-Nitroso-di-n-propyla...	8.969	70	101042	40.675	ng	91
20) 3+4-Methylphenols	8.928	107	153166	39.529	ng	97
22) Acetophenone	8.986	105	209958	41.249	ng	# 95
24) Nitrobenzene	9.368	77	157047	41.133	ng	97
25) Isophorone	9.897	82	286217	39.776	ng	98
26) 2-Nitrophenol	10.085	139	73031	42.526	ng	95
27) 2,4-Dimethylphenol	10.132	122	125415	41.107	ng	94
28) bis(2-Chloroethoxy)met...	10.373	93	165776	41.964	ng	98
29) 2,4-Dichlorophenol	10.620	162	136684	41.729	ng	99
30) 1,2,4-Trichlorobenzene	10.843	180	157317	39.774	ng	96
31) Naphthalene	11.031	128	419381	39.598	ng	100
32) Benzoic acid	10.261	122	80990	38.885	ng	95
33) 4-Chloroaniline	11.125	127	176470	41.653	ng	97
34) Hexachlorobutadiene	11.319	225	131861	38.855	ng	98
35) Caprolactam	11.895	113	43151	44.045	ng	# 87
36) 4-Chloro-3-methylphenol	12.235	107	151449	41.541	ng	97
37) 2-Methylnaphthalene	12.623	142	312343	39.410	ng	98
38) 1-Methylnaphthalene	12.841	142	309319	39.290	ng	99
40) 1,2,4,5-Tetrachloroben...	12.988	216	228603	38.840	ng	99
41) Hexachlorocyclopentadiene	12.970	237	159557	37.821	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	140293	40.613	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064799.D
 Acq On : 18 Nov 2025 12:10
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

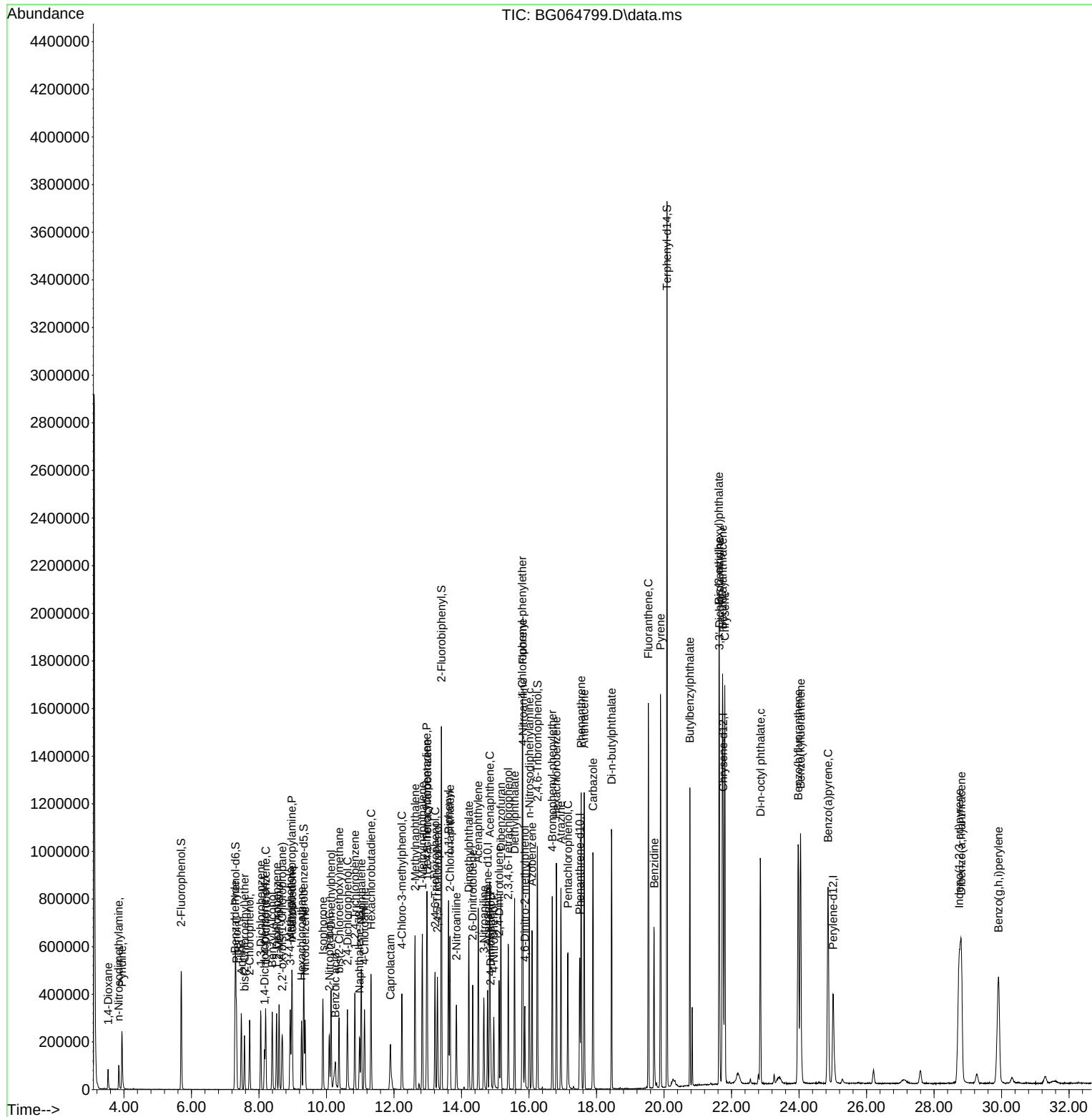
Quant Time: Nov 18 12:47:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

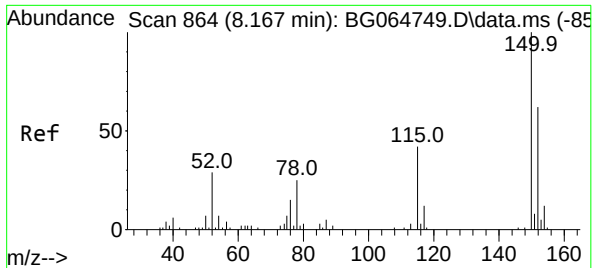
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	155625	40.168	ng	96
46) 1,1'-Biphenyl	13.616	154	420430	38.705	ng	98
47) 2-Chloronaphthalene	13.663	162	336969	39.376	ng	98
48) 2-Nitroaniline	13.851	65	115360	41.911	ng	99
49) Acenaphthylene	14.498	152	578090	39.541	ng	98
50) Dimethylphthalate	14.216	163	471562	39.472	ng	97
51) 2,6-Dinitrotoluene	14.333	165	94651	41.173	ng	98
52) Acenaphthene	14.838	154	355990	40.611	ng	98
53) 3-Nitroaniline	14.662	138	98294	43.322	ng	97
54) 2,4-Dinitrophenol	14.862	184	57590	41.231	ng #	73
55) Dibenzofuran	15.167	168	571101	39.408	ng	97
56) 4-Nitrophenol	14.956	139	79574	44.204	ng	98
57) 2,4-Dinitrotoluene	15.114	165	146447	42.493	ng	98
58) Fluorene	15.814	166	442954	38.971	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.385	232	161281	42.191	ng	97
60) Diethylphthalate	15.573	149	463863	40.532	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	269848	39.560	ng	99
62) 4-Nitroaniline	15.820	138	105356	44.822	ng	93
63) Azobenzene	16.090	77	381695	40.098	ng	98
65) 4,6-Dinitro-2-methylph...	15.878	198	95856	45.644	ng	97
66) n-Nitrosodiphenylamine	16.008	169	405863	40.965	ng	99
67) 4-Bromophenyl-phenylether	16.689	248	199498	40.163	ng	99
68) Hexachlorobenzene	16.812	284	238603	39.648	ng	99
69) Atrazine	16.948	200	191104	40.007	ng	98
70) Pentachlorophenol	17.153	266	141056	42.710	ng	95
71) Phenanthrene	17.547	178	836435	40.417	ng	100
72) Anthracene	17.635	178	855270	40.530	ng	98
73) Carbazole	17.899	167	729900	40.235	ng	100
74) Di-n-butylphthalate	18.446	149	829570	40.989	ng	100
75) Fluoranthene	19.539	202	1097600	38.785	ng	99
77) Benzidine	19.709	184	469297	33.884	ng	98
78) Pyrene	19.897	202	1136034	43.830	ng	99
80) Butylbenzylphthalate	20.767	149	389152	42.685	ng	97
81) Benzo(a)anthracene	21.736	228	1229496	39.099	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	421764	36.440	ng	99
83) Chrysene	21.801	228	1164626	39.284	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	530522	39.823	ng	100
85) Di-n-octyl phthalate	22.858	149	880187	38.222	ng	98
87) Indeno(1,2,3-cd)pyrene	28.746	276	1292789	41.337	ng #	96
88) Benzo(b)fluoranthene	23.975	252	1151279	39.742	ng	99
89) Benzo(k)fluoranthene	24.045	252	1168193	40.139	ng	99
90) Benzo(a)pyrene	24.862	252	1064131	39.600	ng	97
91) Dibenzo(a,h)anthracene	28.804	278	1063773	41.520	ng	97
92) Benzo(g,h,i)perylene	29.915	276	1034901	41.971	ng	98

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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

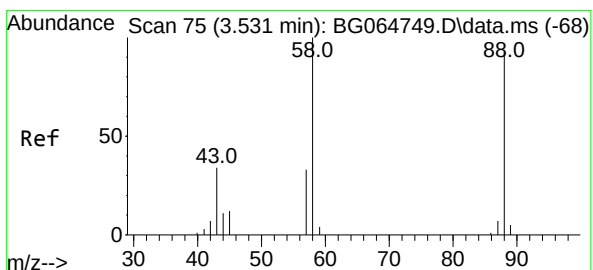
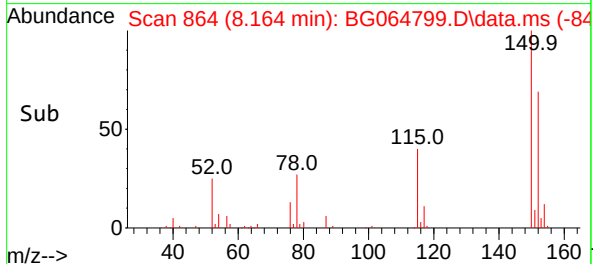
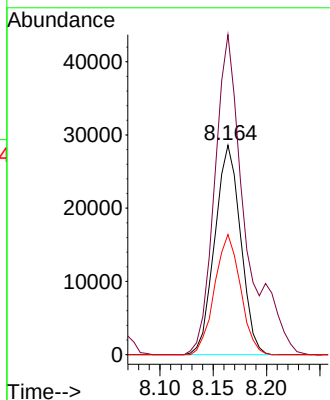
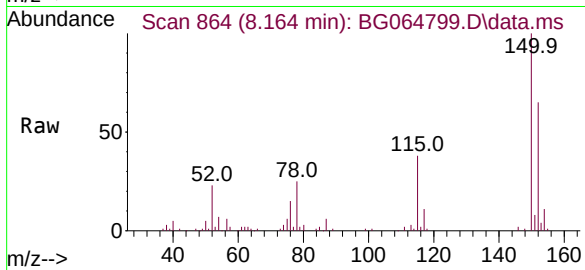




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

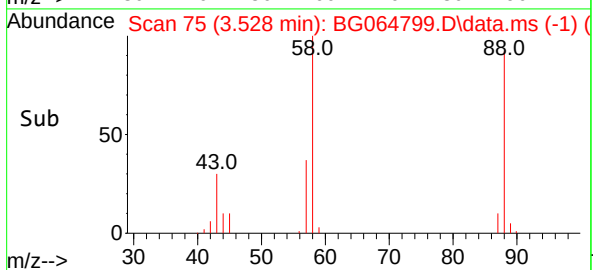
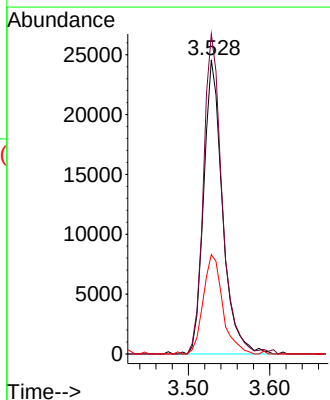
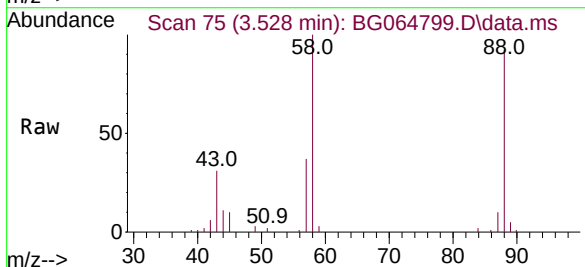
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

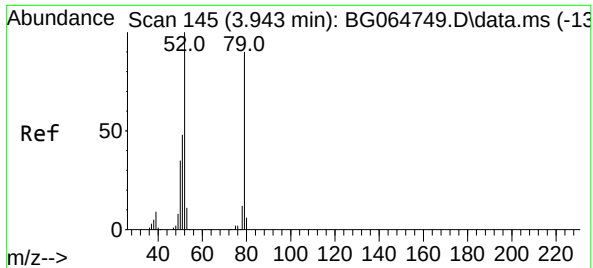
Tgt Ion:152 Resp: 48235
Ion Ratio Lower Upper
152 100
150 152.8 129.2 193.8
115 57.3 53.7 80.5



#2
1,4-Dioxane
Concen: 37.051 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 88 Resp: 39621
Ion Ratio Lower Upper
88 100
58 107.1 84.6 126.8
43 34.7 30.0 45.0

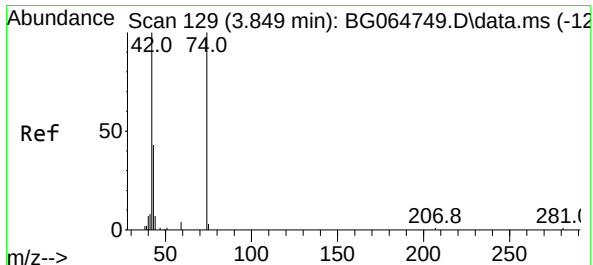
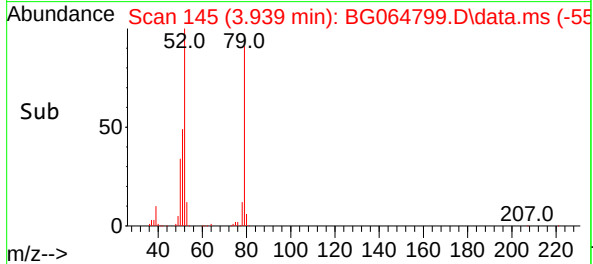
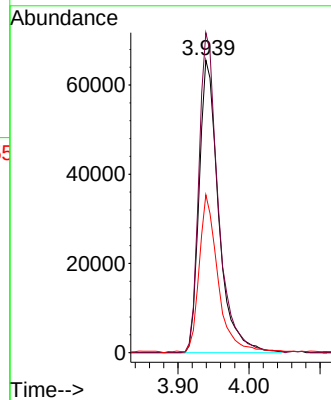
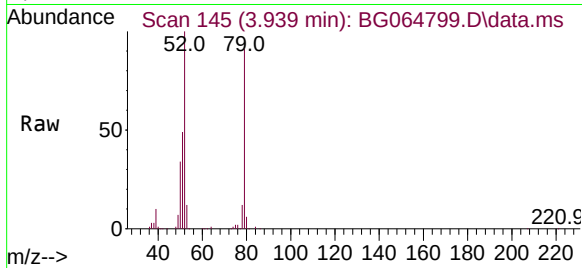




#3
Pyridine
Concen: 39.101 ng
RT: 3.939 min Scan# 145
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

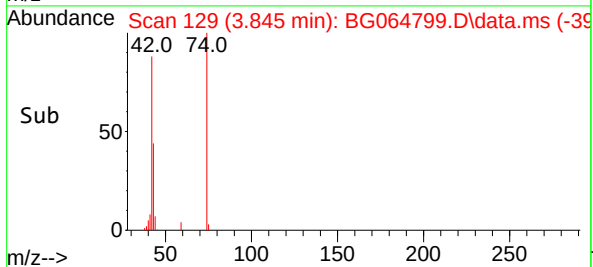
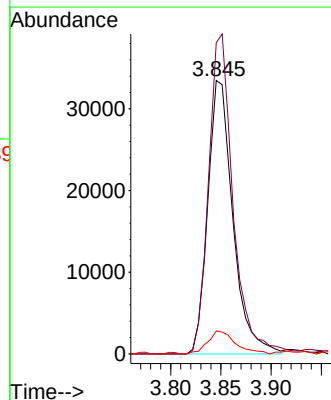
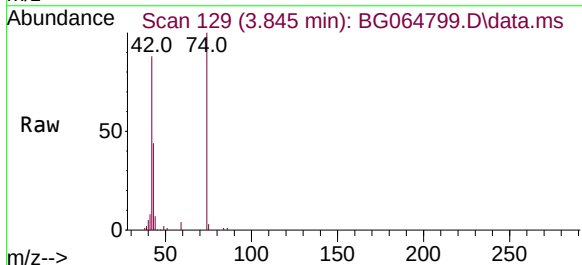
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

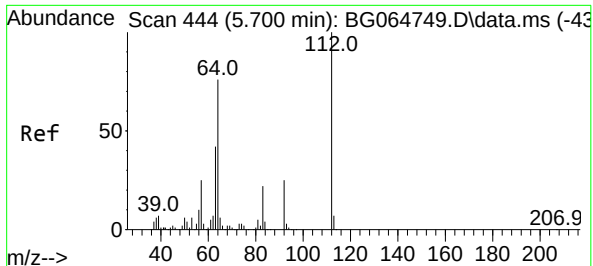
Tgt Ion: 79 Resp: 124586
Ion Ratio Lower Upper
79 100
52 109.4 89.0 133.4
51 54.0 43.4 65.0



#4
n-Nitrosodimethylamine
Concen: 35.909 ng
RT: 3.845 min Scan# 129
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 42 Resp: 58234
Ion Ratio Lower Upper
42 100
74 113.8 79.8 119.6
44 8.3 5.9 8.9

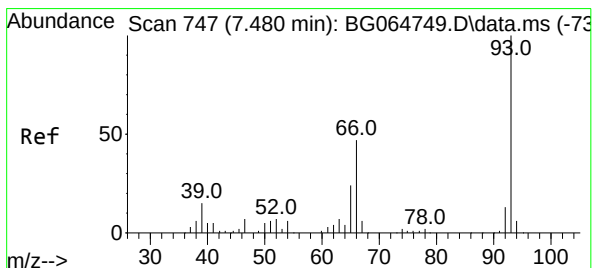
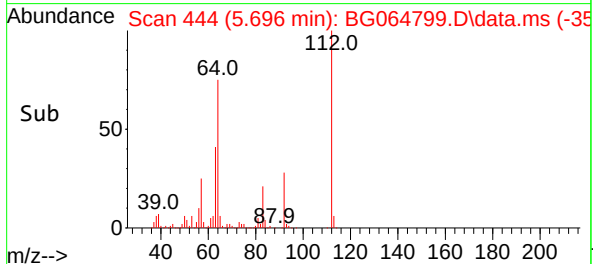
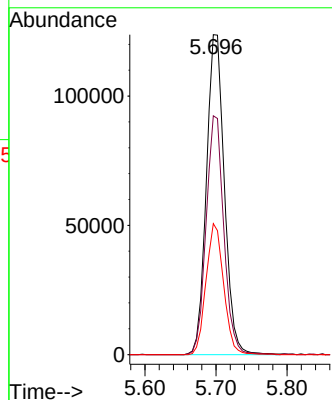
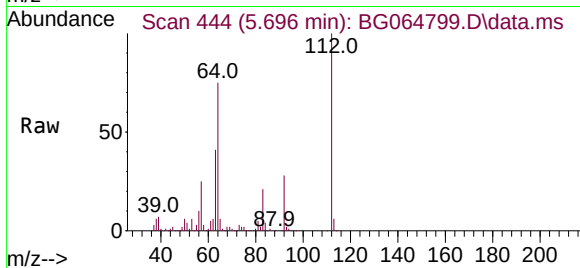




#5
2-Fluorophenol
Concen: 78.759 ng
RT: 5.696 min Scan# 44
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

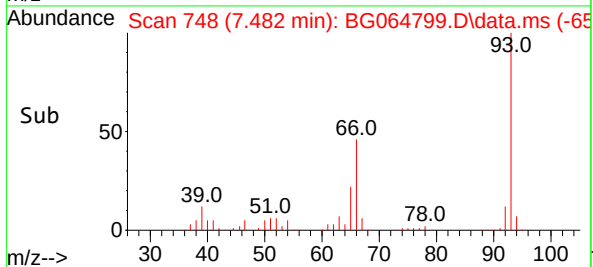
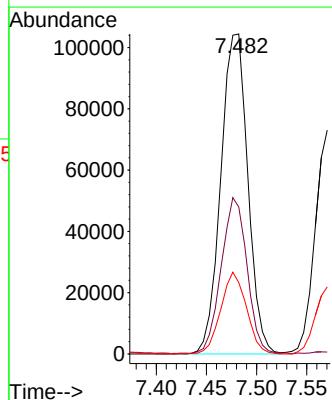
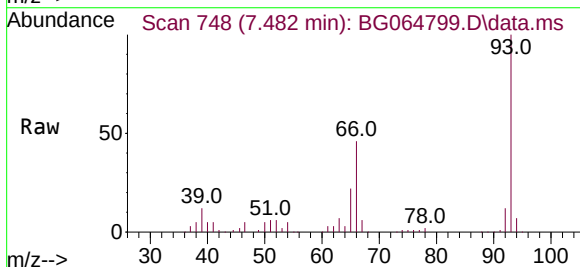
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

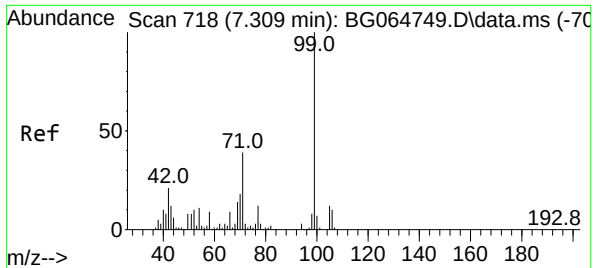
Tgt Ion:112 Resp: 217553
Ion Ratio Lower Upper
112 100
64 74.6 61.0 91.4
63 40.9 33.3 49.9



#6
Aniline
Concen: 39.994 ng
RT: 7.482 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 93 Resp: 195851
Ion Ratio Lower Upper
93 100
66 45.9 37.7 56.5
65 22.3 19.1 28.7

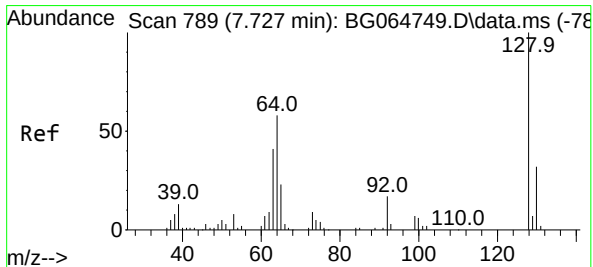
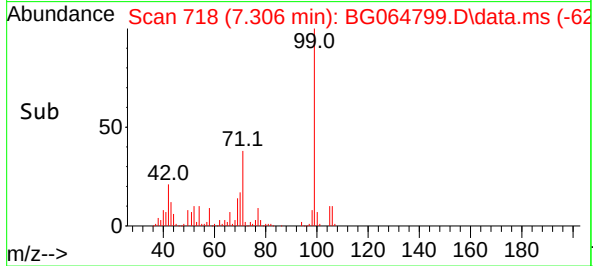
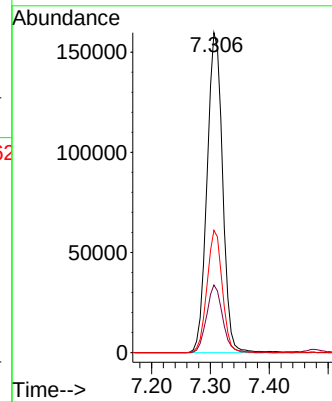
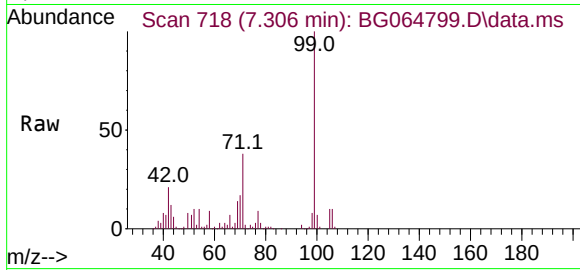




#7
Phenol-d6
Concen: 79.975 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

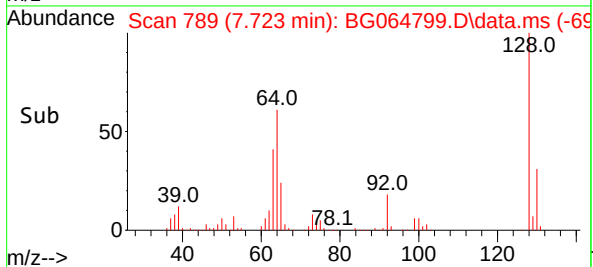
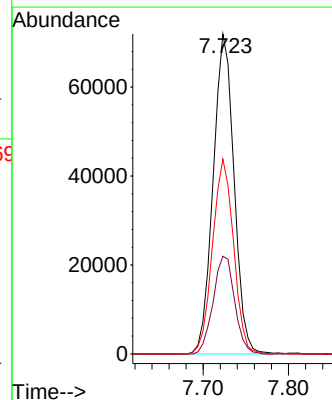
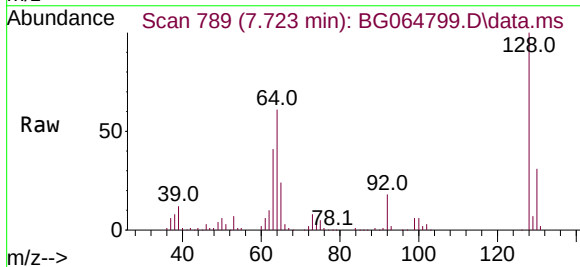
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

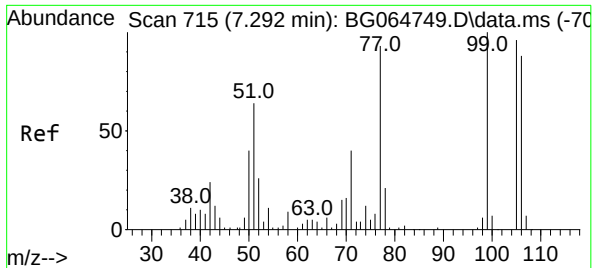
Tgt Ion: 99 Resp: 293820
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 38.2 31.1 46.7



#8
2-Chlorophenol
Concen: 40.371 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 128 Resp: 122447
Ion Ratio Lower Upper
128 100
130 30.5 11.9 51.9
64 60.9 38.4 78.4





#9

Benzaldehyde

Concen: 36.596 ng

RT: 7.288 min Scan# 715

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

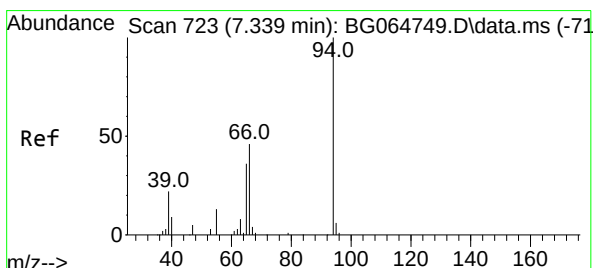
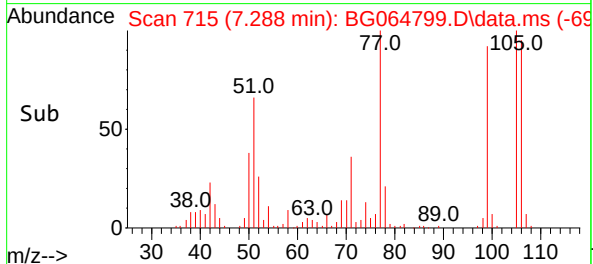
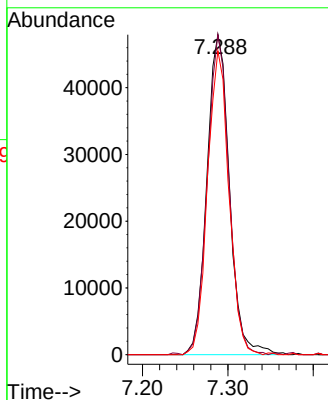
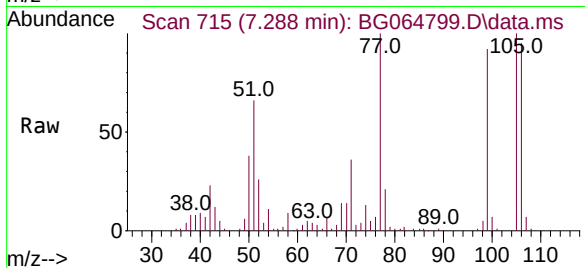
Tgt Ion: 77 Resp: 88012

Ion Ratio Lower Upper

77 100

105 100.0 83.8 123.8

106 94.9 74.3 114.3



#10

Phenol

Concen: 40.771 ng

RT: 7.335 min Scan# 723

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

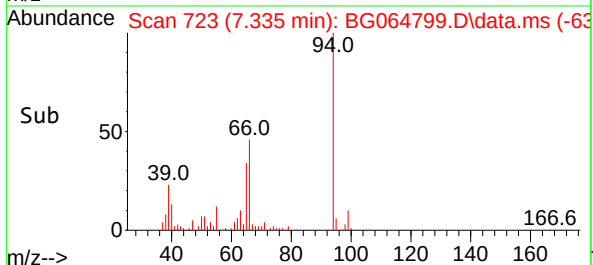
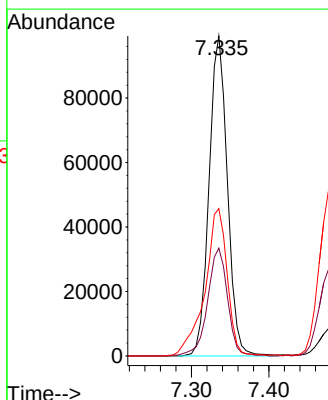
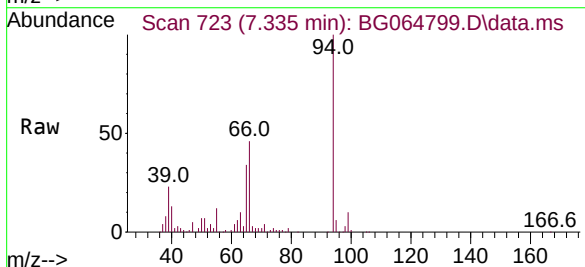
Tgt Ion: 94 Resp: 162976

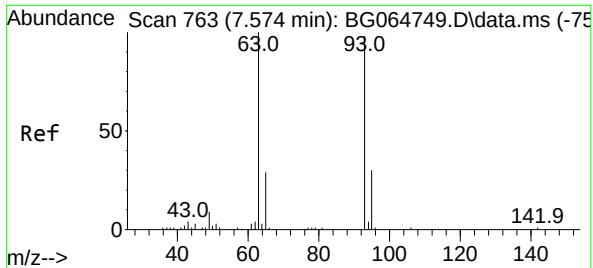
Ion Ratio Lower Upper

94 100

65 33.7 17.0 57.0

66 46.0 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 41.807 ng

RT: 7.570 min Scan# 763

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

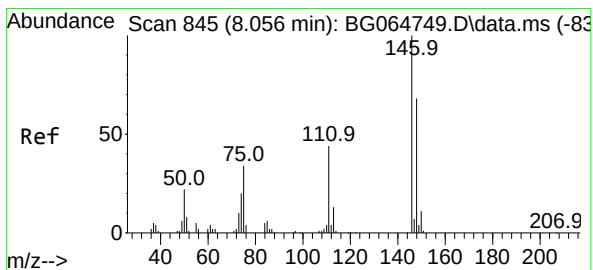
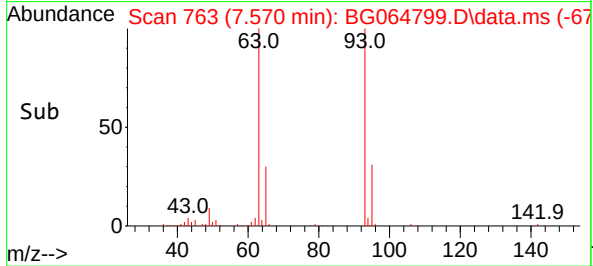
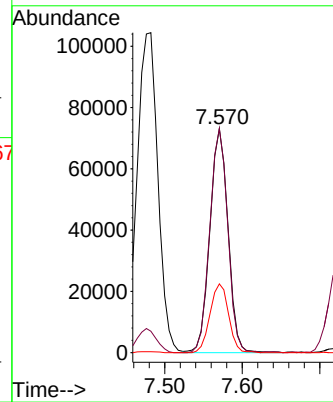
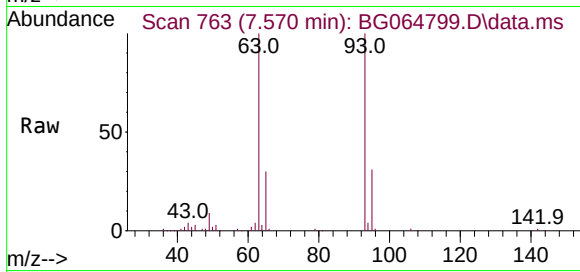
Tgt Ion: 93 Resp: 118920

Ion Ratio Lower Upper

93 100

63 100.2 81.8 121.8

95 30.7 10.3 50.3



#12

1,3-Dichlorobenzene

Concen: 39.686 ng

RT: 8.052 min Scan# 845

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

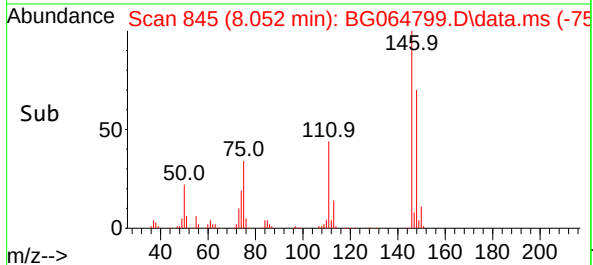
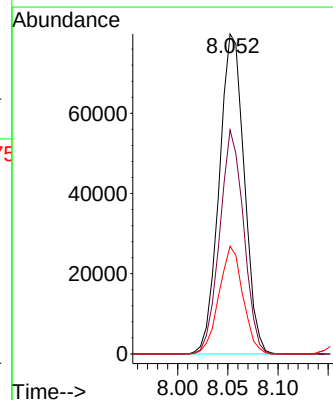
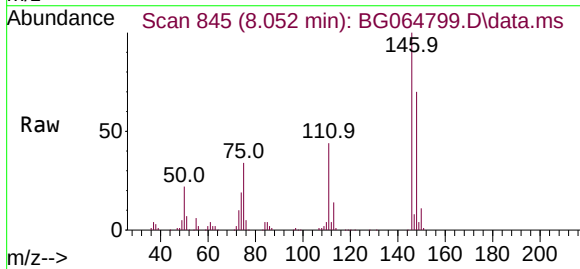
Tgt Ion: 146 Resp: 138506

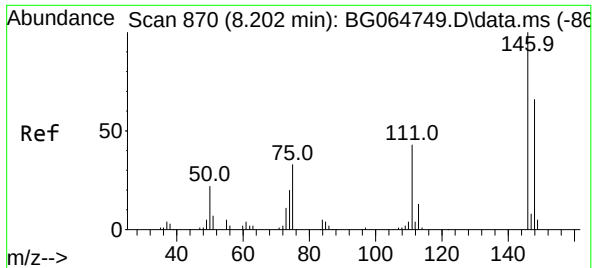
Ion Ratio Lower Upper

146 100

148 70.0 54.6 82.0

75 33.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 39.509 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

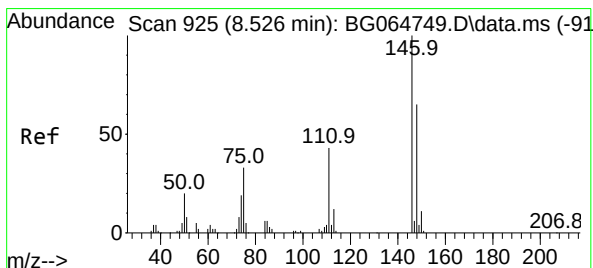
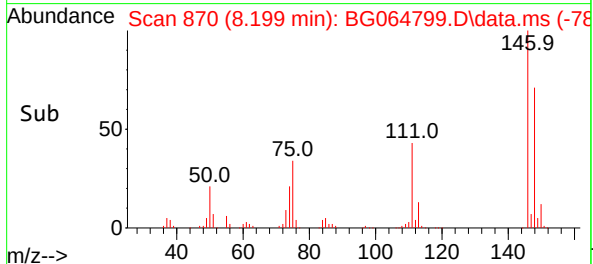
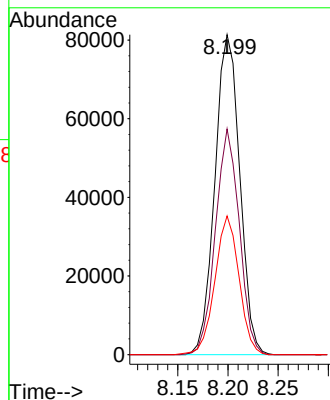
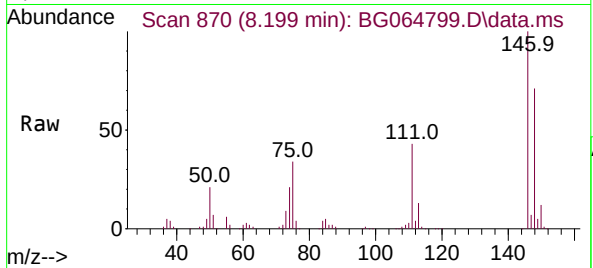
Tgt Ion:146 Resp: 140408

Ion Ratio Lower Upper

146 100

148 70.5 53.1 79.7

111 43.3 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 39.742 ng

RT: 8.522 min Scan# 925

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

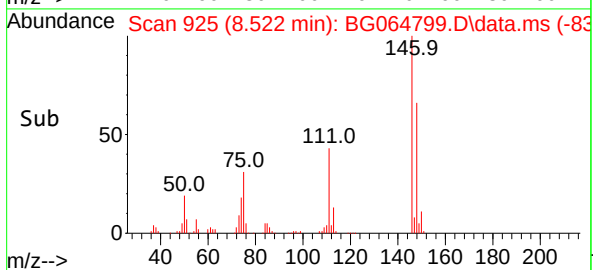
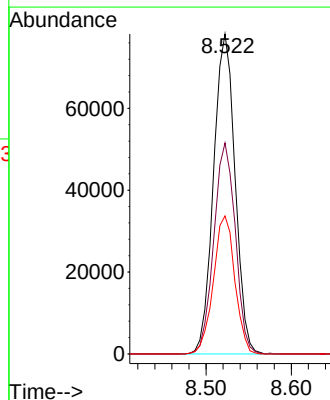
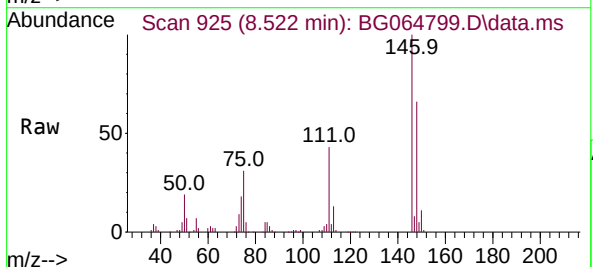
Tgt Ion:146 Resp: 136943

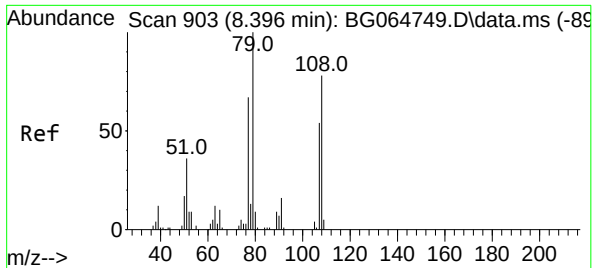
Ion Ratio Lower Upper

146 100

148 65.9 52.0 78.0

111 43.1 34.7 52.1

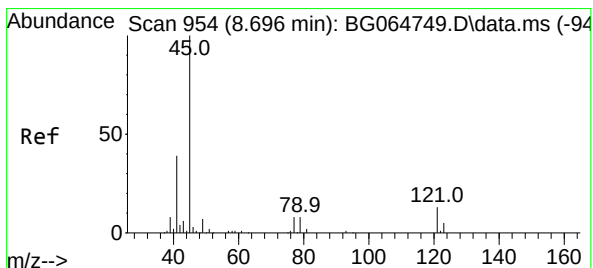
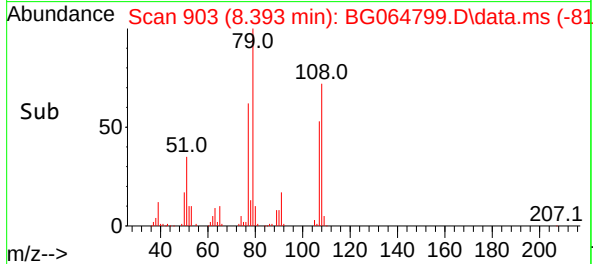
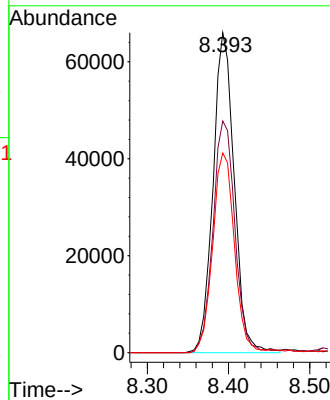
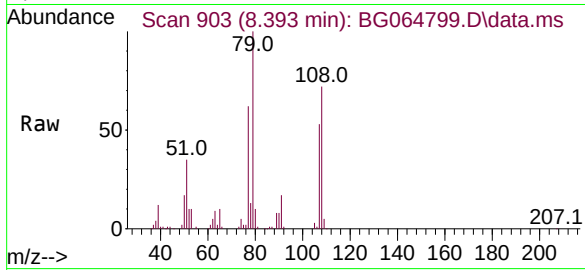




#15
Benzyl Alcohol
Concen: 39.543 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

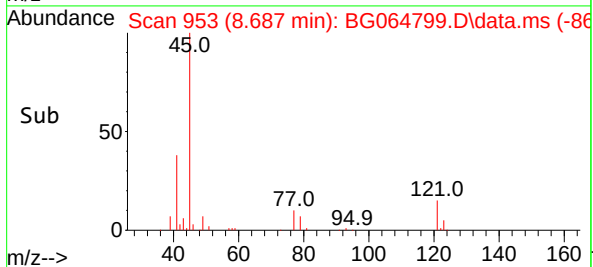
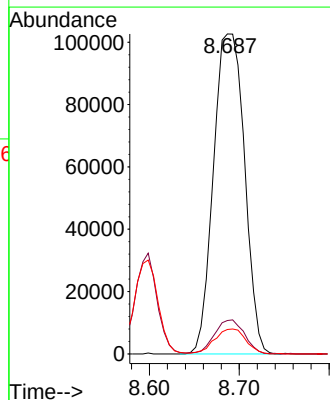
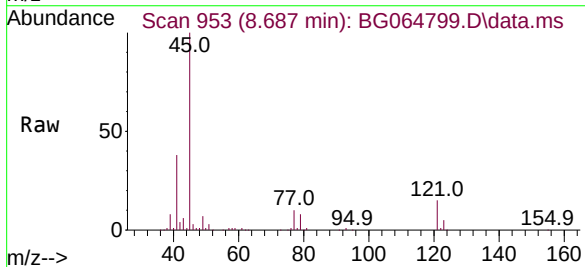
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

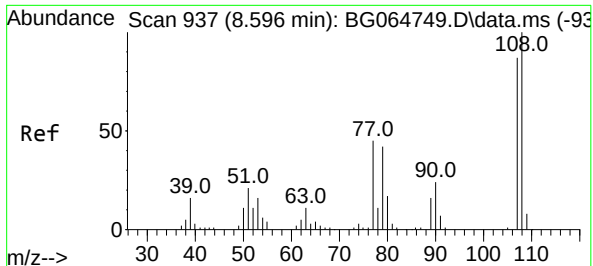
Tgt Ion: 79 Resp: 119248
Ion Ratio Lower Upper
79 100
108 72.4 62.3 93.5
77 62.4 53.5 80.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.692 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 45 Resp: 247038
Ion Ratio Lower Upper
45 100
77 10.4 0.0 28.8
79 7.6 0.0 28.1





#17

2-Methylphenol

Concen: 40.183 ng

RT: 8.599 min Scan# 937

Delta R.T. 0.002 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 113653

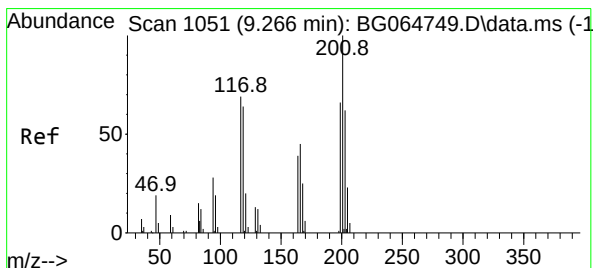
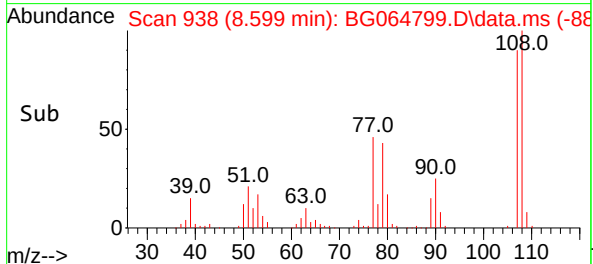
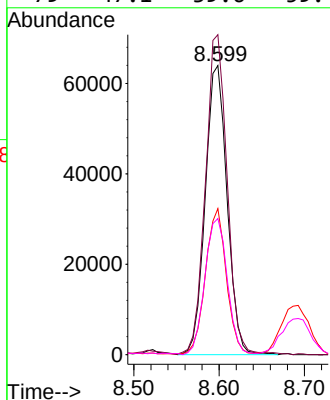
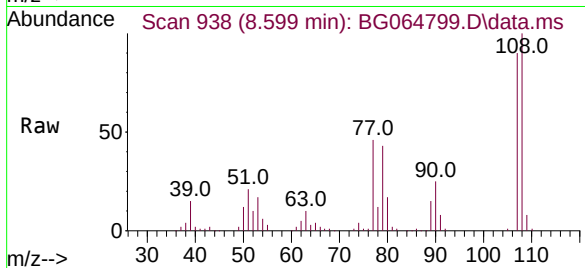
Ion Ratio Lower Upper

107 100

108 110.7 92.6 138.8

77 50.5 41.2 61.8

79 47.1 39.6 59.4



#18

Hexachloroethane

Concen: 37.692 ng

RT: 9.257 min Scan# 1050

Delta R.T. -0.009 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

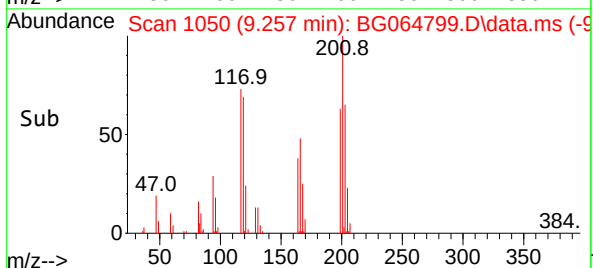
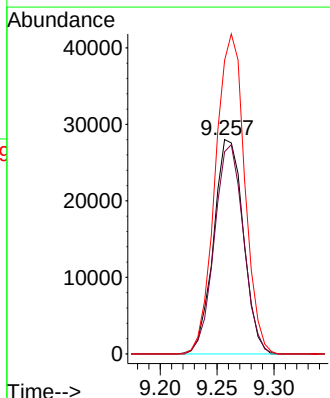
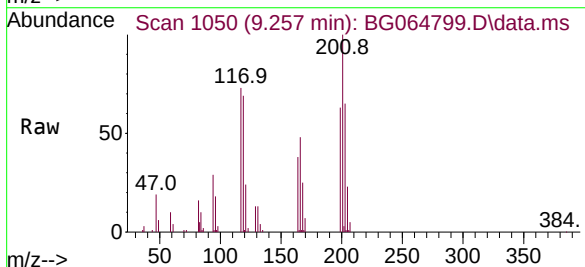
Tgt Ion:117 Resp: 50733

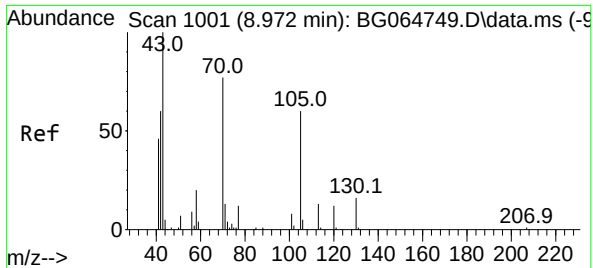
Ion Ratio Lower Upper

117 100

119 94.3 74.4 111.6

201 136.9 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.675 ng

RT: 8.969 min Scan# 10

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 101042

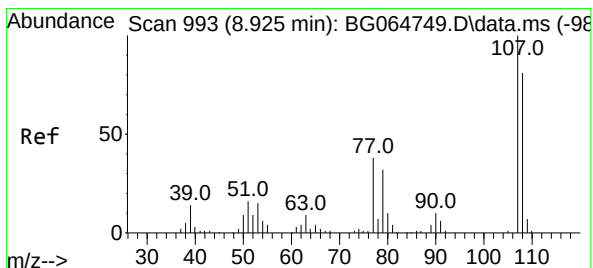
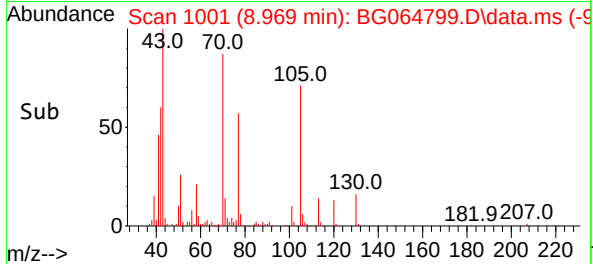
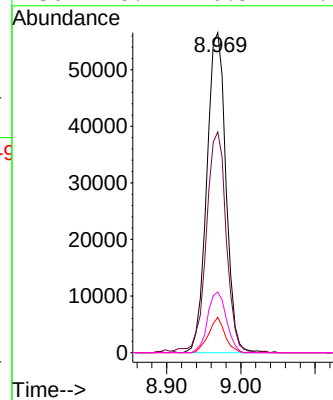
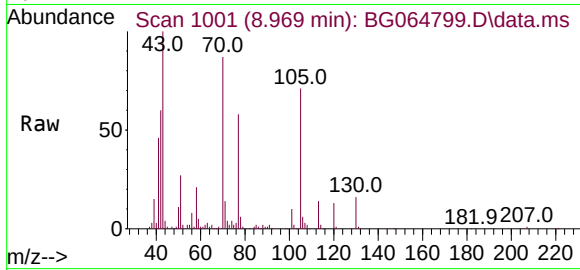
Ion Ratio Lower Upper

70 100

42 69.0 62.6 93.8

101 11.0 8.0 12.0

130 18.9 16.5 24.7



#20

3+4-Methylphenols

Concen: 39.529 ng

RT: 8.928 min Scan# 994

Delta R.T. 0.002 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Tgt Ion: 107 Resp: 153166

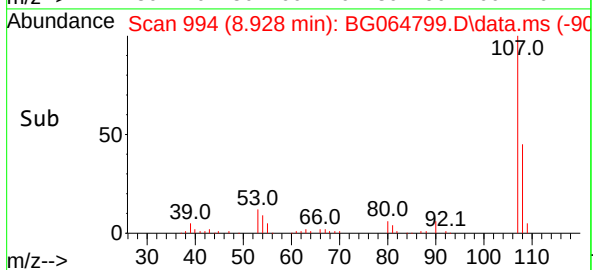
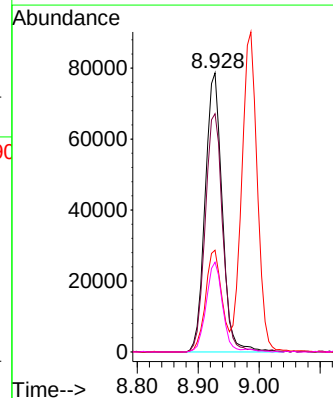
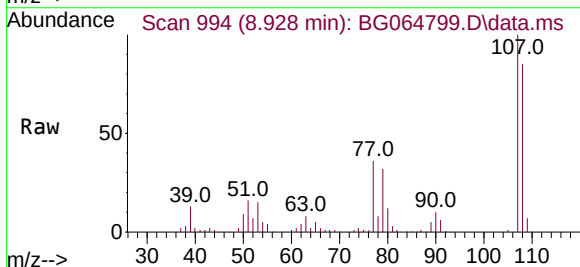
Ion Ratio Lower Upper

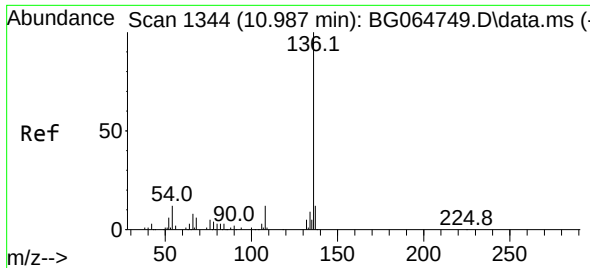
107 100

108 85.4 61.0 101.0

77 36.5 17.6 57.6

79 32.2 12.3 52.3

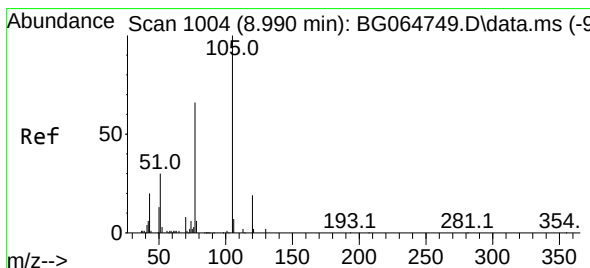
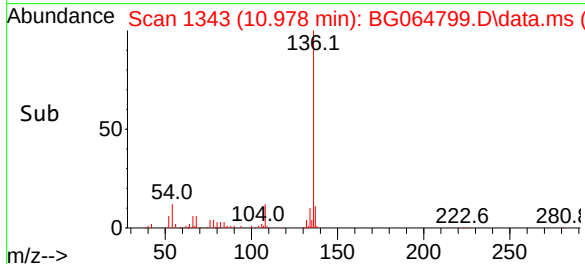
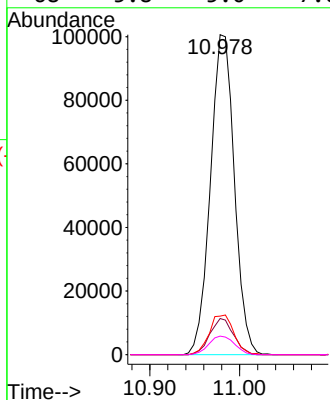
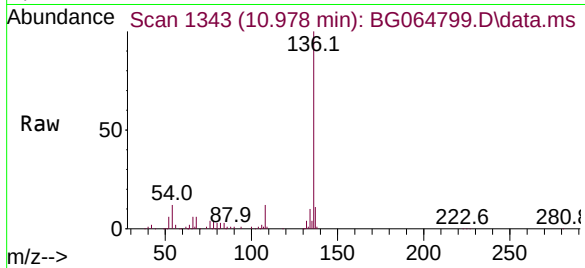




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

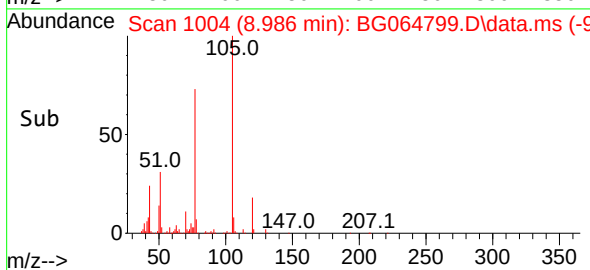
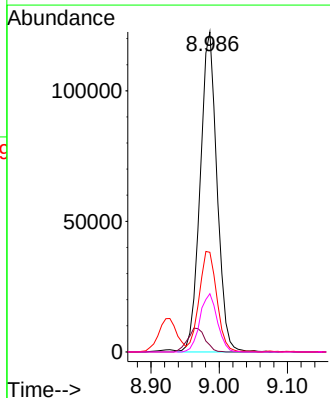
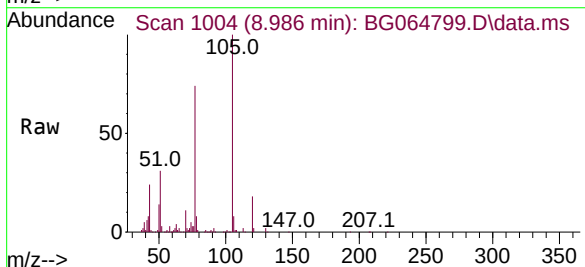
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

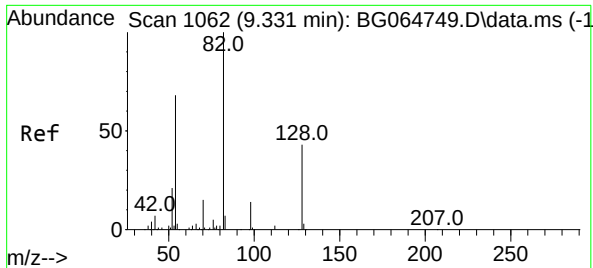
Tgt Ion:136	Resp: 186828
Ion Ratio	Lower Upper
136 100	
137 11.3	9.3 13.9
54 12.1	9.3 13.9
68 5.8	5.0 7.6



#22
Acetophenone
Concen: 41.249 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt	Ion:105	Resp:	209958
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.3	1.9#
51	31.1	27.9	41.9
120	18.2	15.3	22.9





#23

Nitrobenzene-d5

Concen: 80.006 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

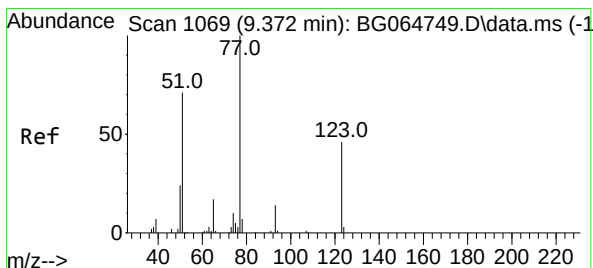
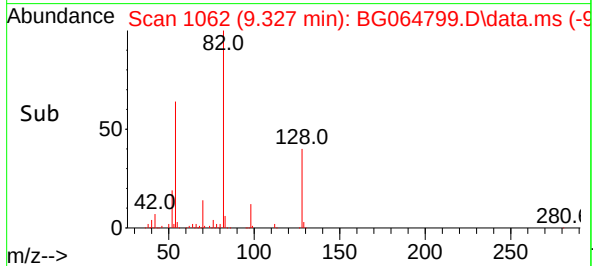
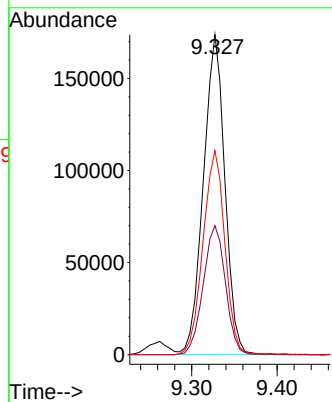
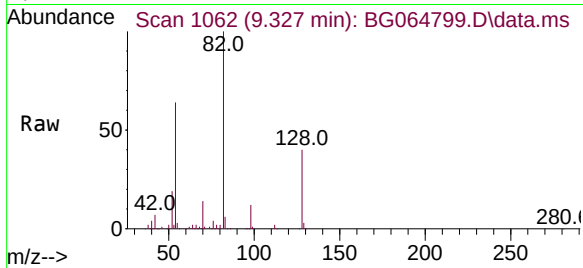
Tgt Ion: 82 Resp: 302316

Ion Ratio Lower Upper

82 100

128 40.3 34.1 51.1

54 63.7 54.3 81.5



#24

Nitrobenzene

Concen: 41.133 ng

RT: 9.368 min Scan# 1069

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

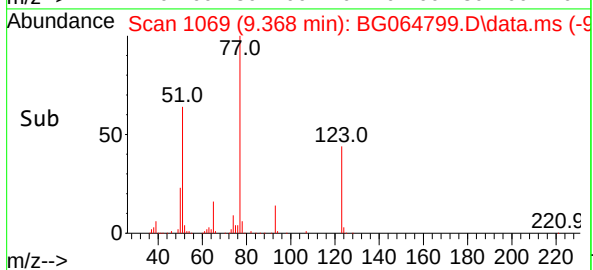
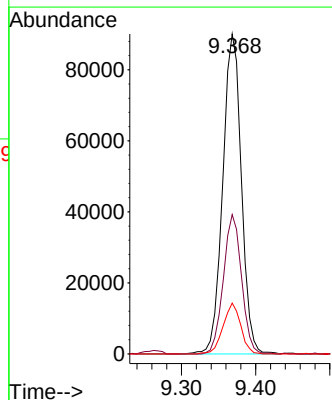
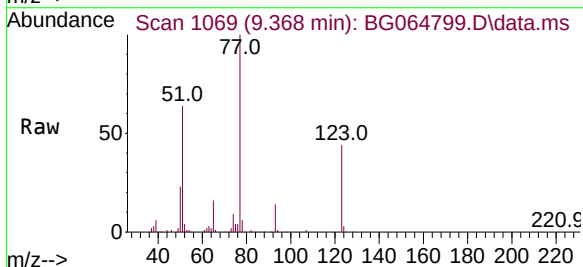
Tgt Ion: 77 Resp: 157047

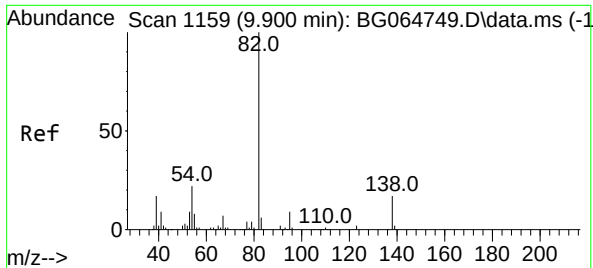
Ion Ratio Lower Upper

77 100

123 43.5 36.5 54.7

65 15.9 13.5 20.3

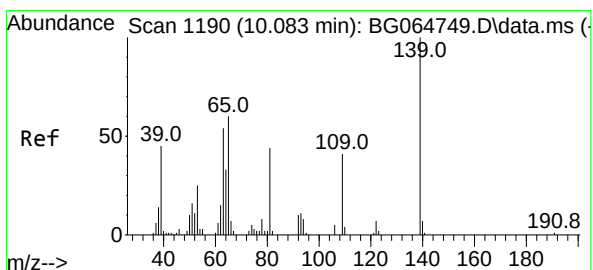
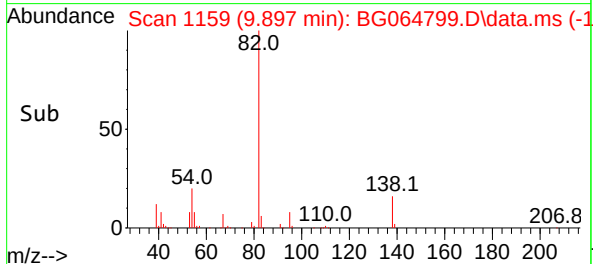
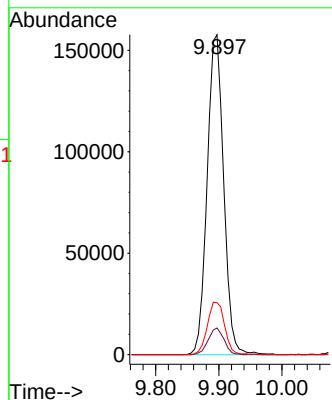
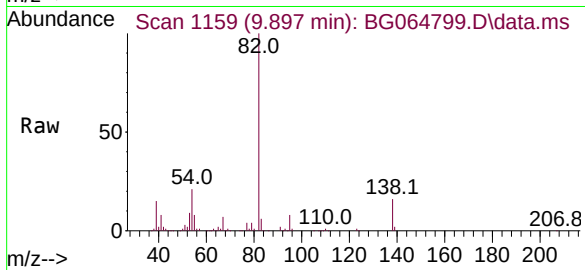




#25
Isophorone
Concen: 39.776 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

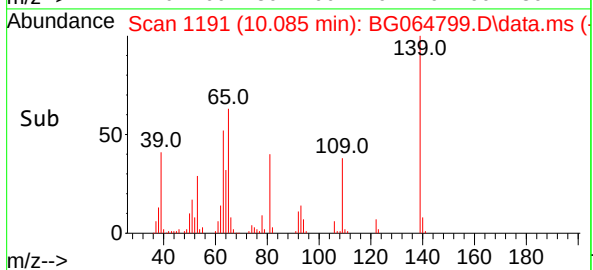
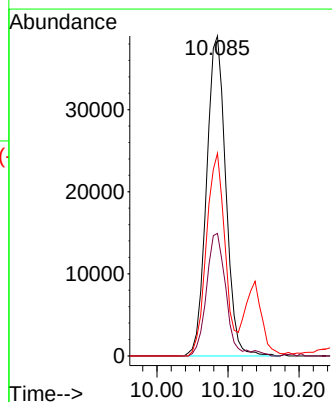
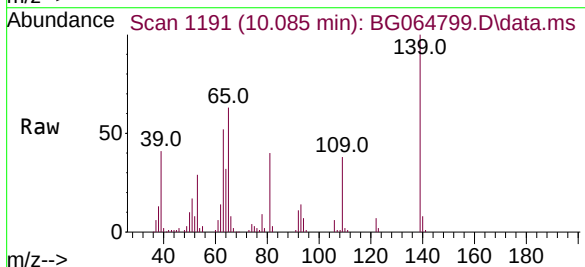
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

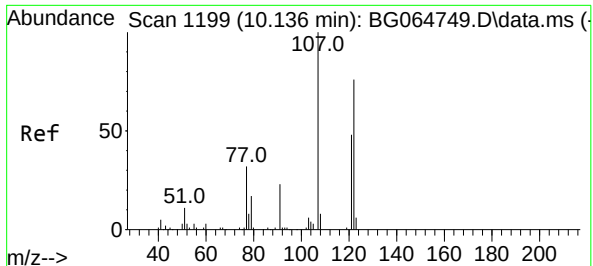
Tgt Ion: 82 Resp: 286217
Ion Ratio Lower Upper
82 100
95 8.3 6.9 10.3
138 16.2 13.9 20.9



#26
2-Nitrophenol
Concen: 42.526 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion: 139 Resp: 73031
Ion Ratio Lower Upper
139 100
109 38.3 32.5 48.7
65 63.3 47.6 71.4

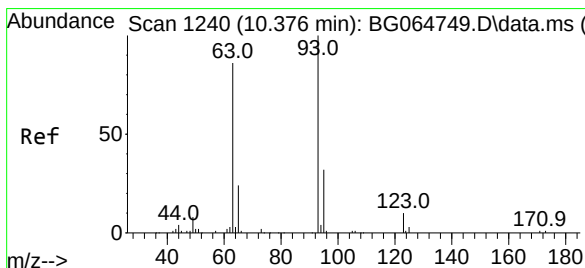
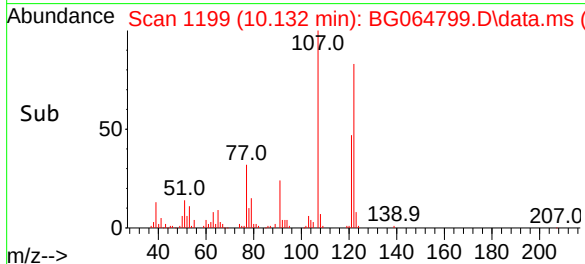
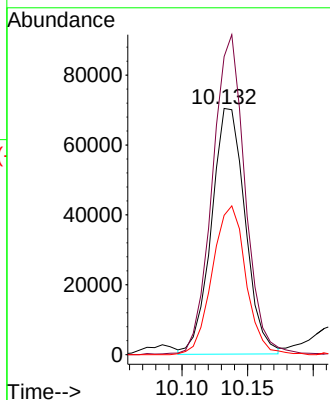
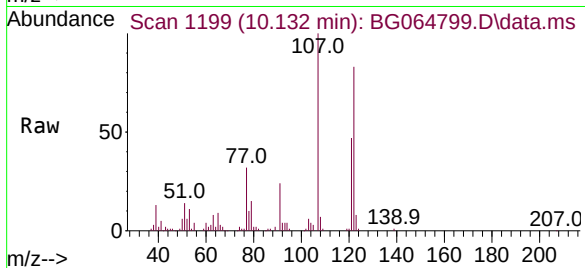




#27
2,4-Dimethylphenol
Concen: 41.107 ng
RT: 10.132 min Scan# 1199
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

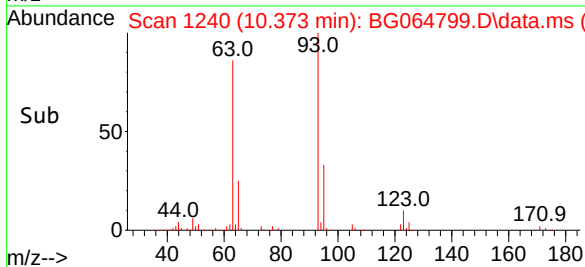
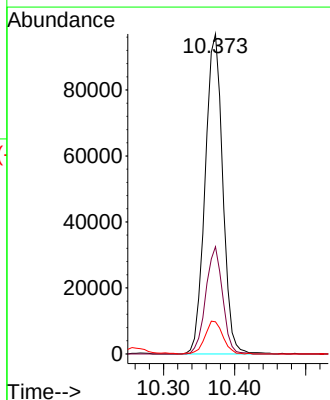
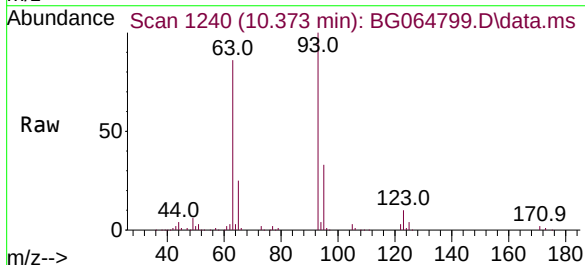
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

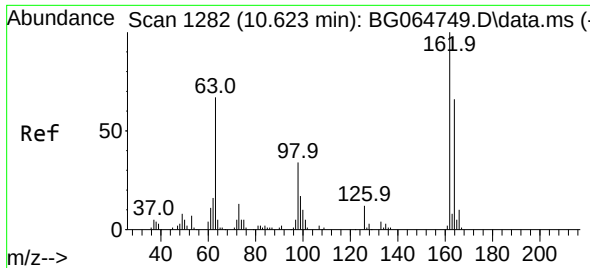
Tgt Ion:	122	Resp:	125415
Ion	Ratio	Lower	Upper
122	100		
107	121.1	102.5	153.7
121	56.6	49.0	73.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.964 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:	93	Resp:	165776
Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.4	38.2
123	10.0	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 41.729 ng

RT: 10.620 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

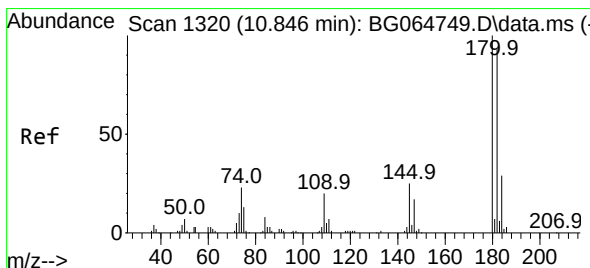
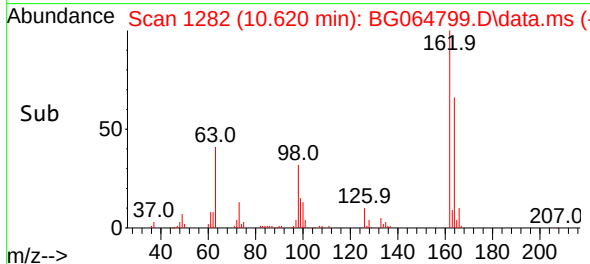
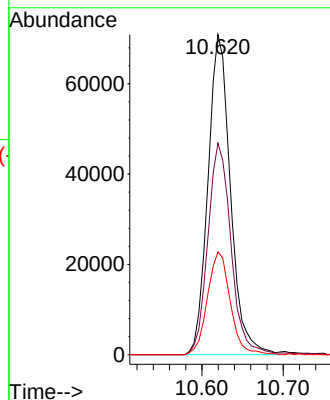
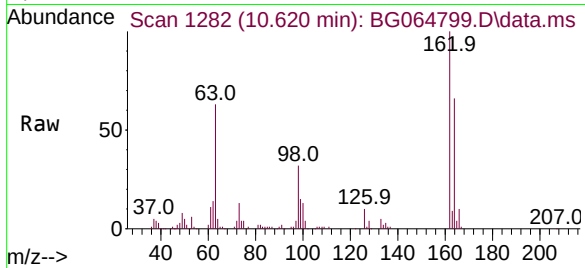
Tgt Ion:162 Resp: 136684

Ion Ratio Lower Upper

162 100

164 66.1 46.0 86.0

98 32.1 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 39.774 ng

RT: 10.843 min Scan# 1320

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

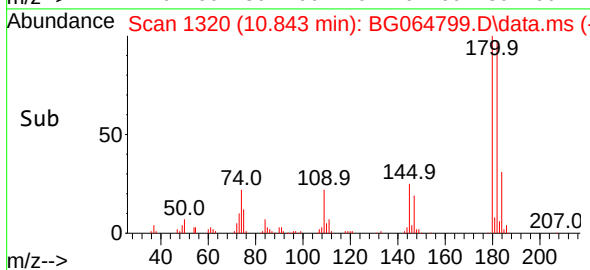
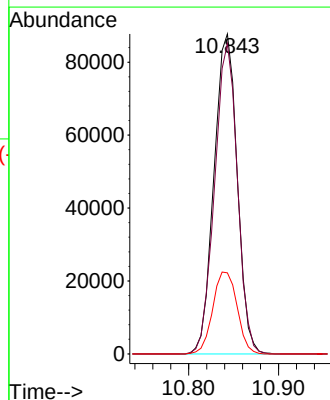
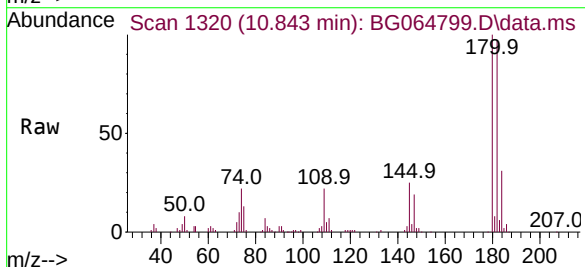
Tgt Ion:180 Resp: 157317

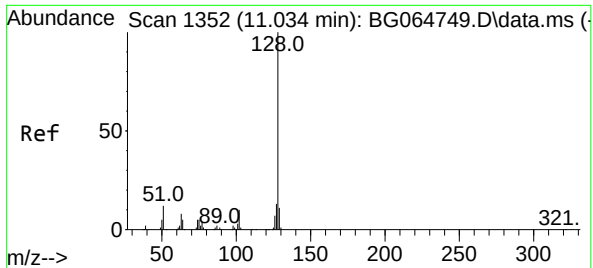
Ion Ratio Lower Upper

180 100

182 97.0 74.2 111.4

145 25.3 20.0 30.0

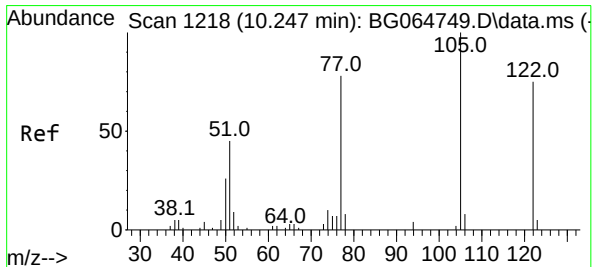
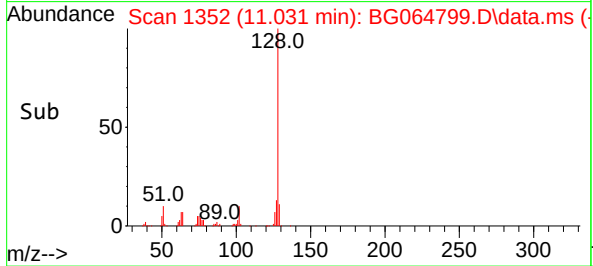
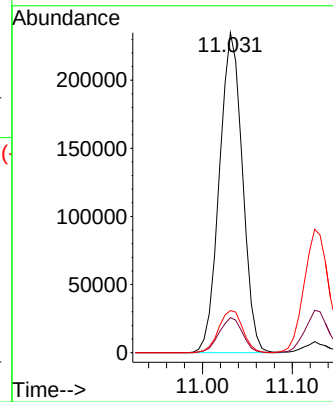
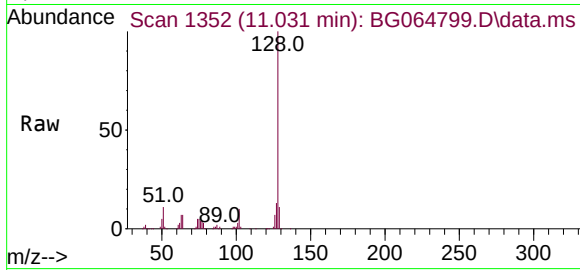




#31
Naphthalene
Concen: 39.598 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

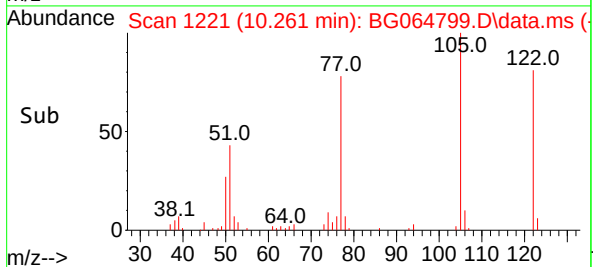
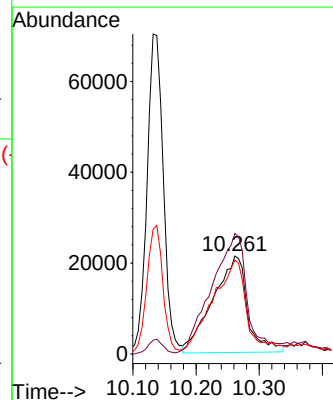
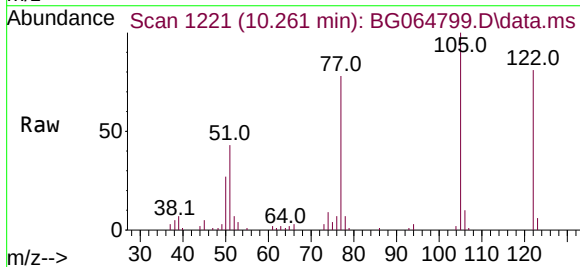
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

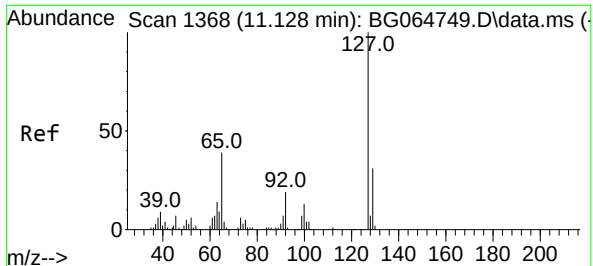
Tgt Ion:128 Resp: 419381
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 38.885 ng
RT: 10.261 min Scan# 1221
Delta R.T. 0.014 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:122 Resp: 80990
Ion Ratio Lower Upper
122 100
105 123.1 107.6 147.6
77 96.0 82.5 122.5





#33

4-Chloroaniline

Concen: 41.653 ng

RT: 11.125 min Scan# 1368

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 176470

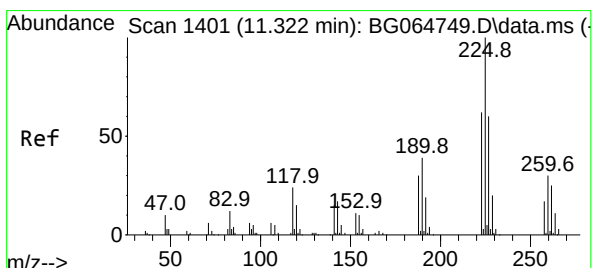
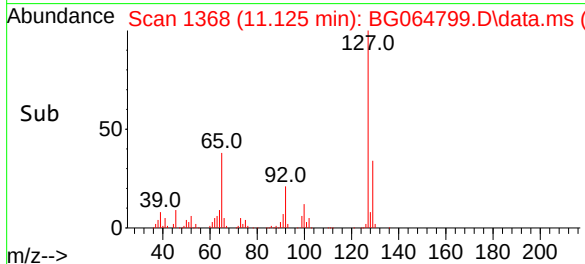
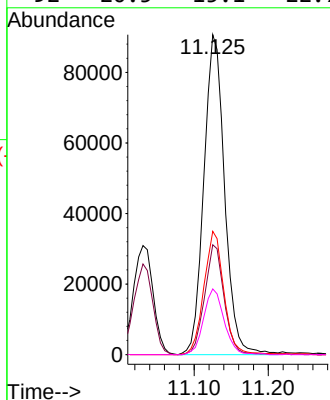
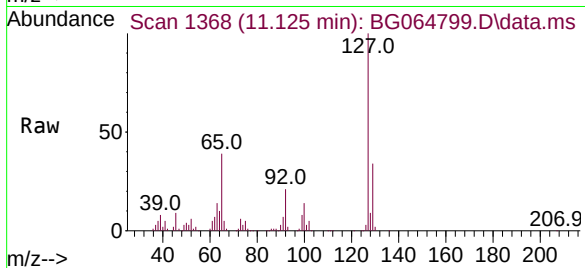
Ion Ratio Lower Upper

127 100

129 34.3 24.9 37.3

65 38.5 30.9 46.3

92 20.5 15.1 22.7



#34

Hexachlorobutadiene

Concen: 38.855 ng

RT: 11.319 min Scan# 1401

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

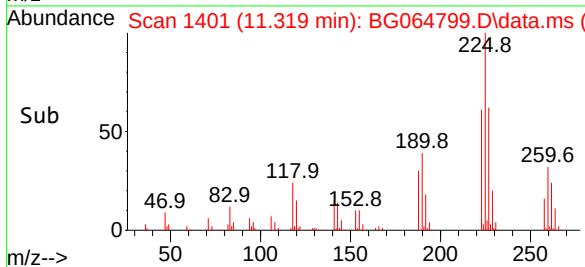
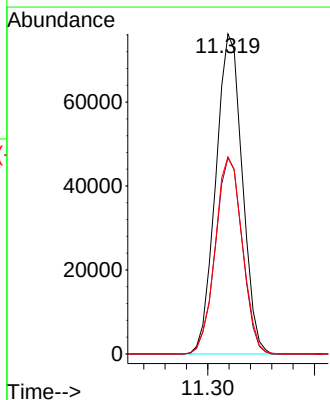
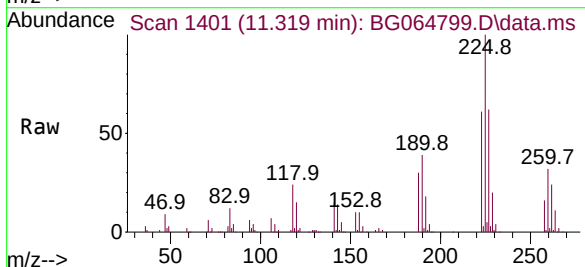
Tgt Ion:225 Resp: 131861

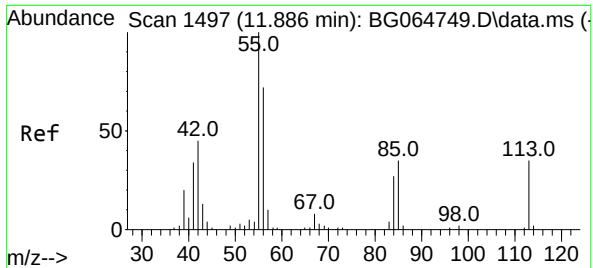
Ion Ratio Lower Upper

225 100

223 61.3 49.9 74.9

227 61.6 50.6 75.8

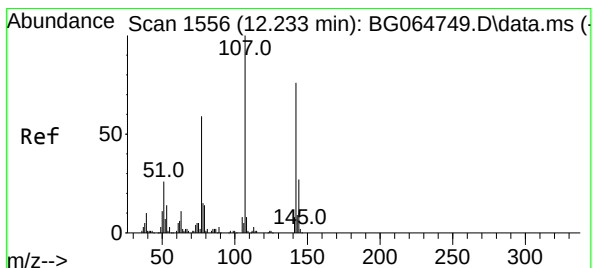
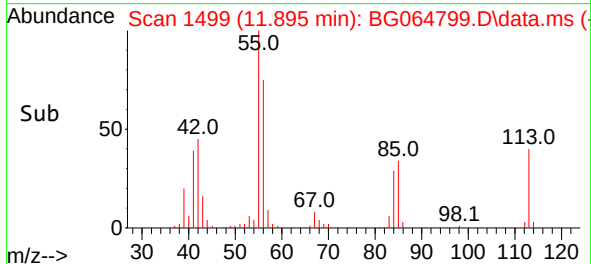
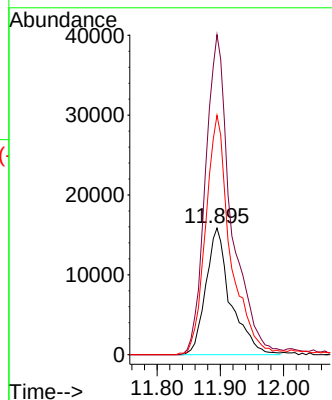
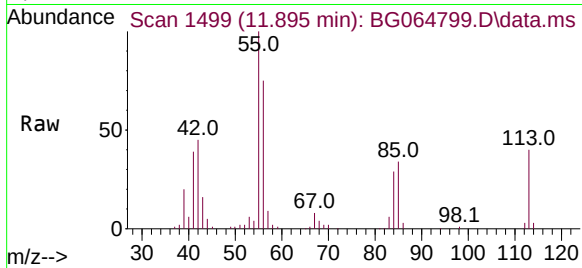




#35
Caprolactam
Concen: 44.045 ng
RT: 11.895 min Scan# 1499
Delta R.T. 0.008 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

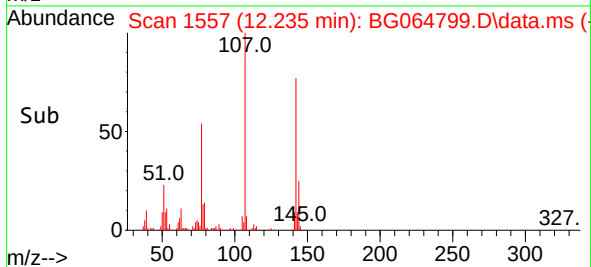
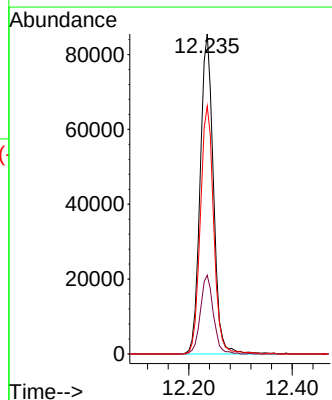
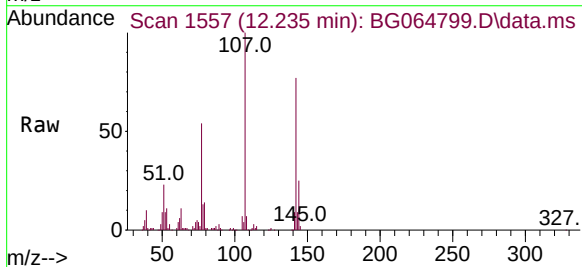
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

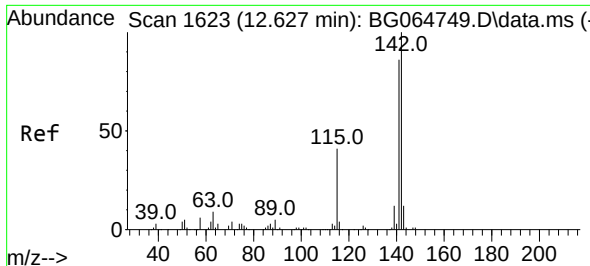
Tgt Ion	Ratio	Lower	Upper
113	100		
55	253.0	263.7	303.7#
56	189.3	184.0	224.0



#36
4-Chloro-3-methylphenol
Concen: 41.541 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	21.7	32.5
142	77.4	60.8	91.2

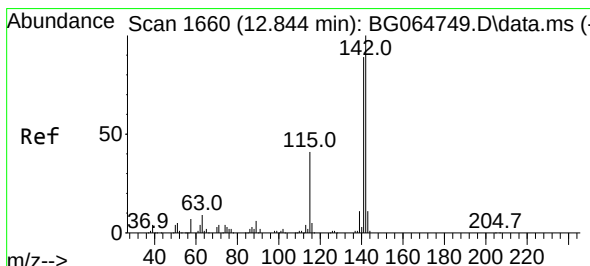
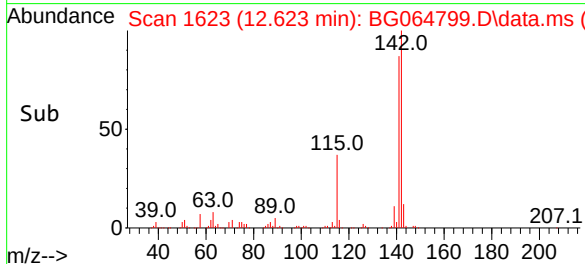
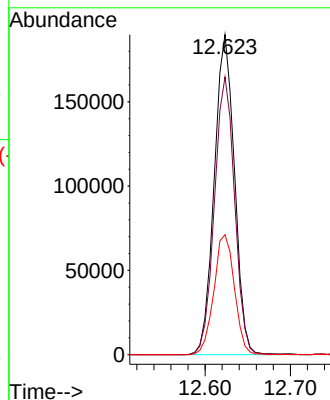
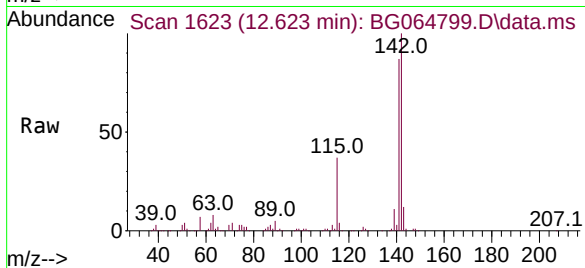




#37
2-Methylnaphthalene
Concen: 39.410 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

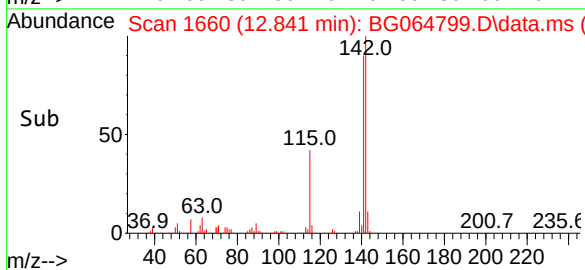
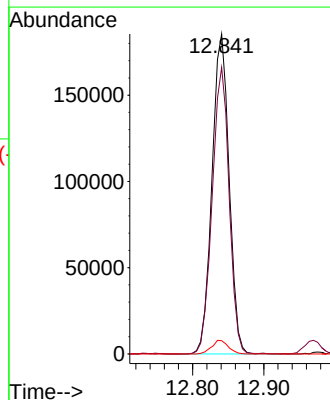
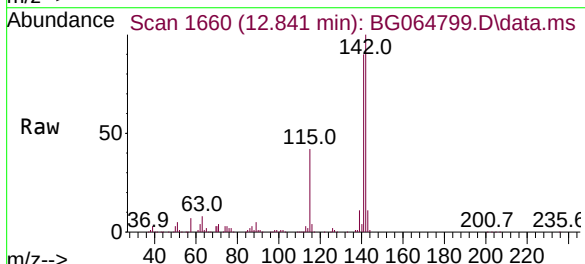
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

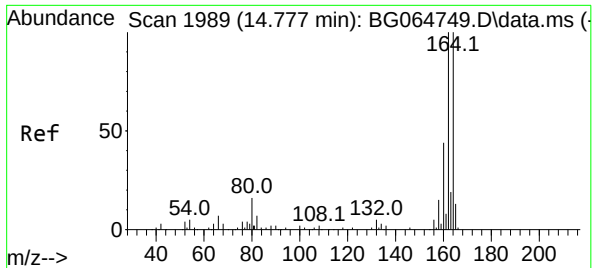
Tgt Ion:	142	Resp:	312343
Ion	Ratio	Lower	Upper
142	100		
141	86.8	69.1	103.7
115	37.5	32.9	49.3



#38
1-Methylnaphthalene
Concen: 39.290 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:	142	Resp:	309319
Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
116	4.1	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

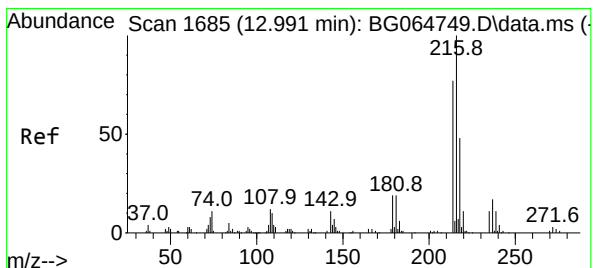
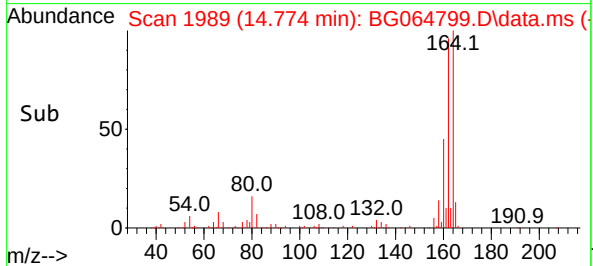
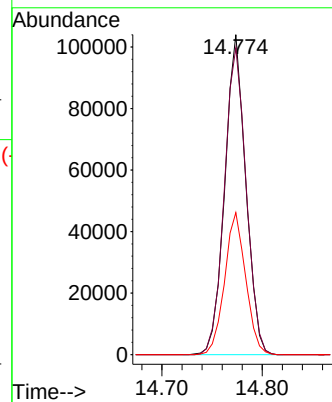
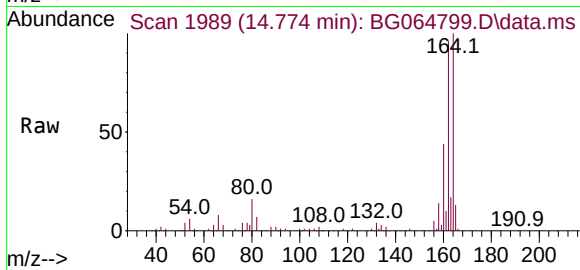
Tgt Ion:164 Resp: 151237

Ion Ratio Lower Upper

164 100

162 95.9 79.8 119.6

160 44.4 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.840 ng

RT: 12.988 min Scan# 1685

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Tgt Ion:216 Resp: 228603

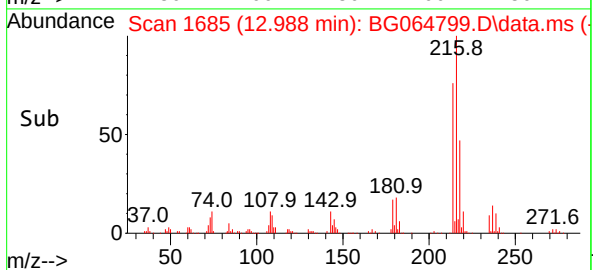
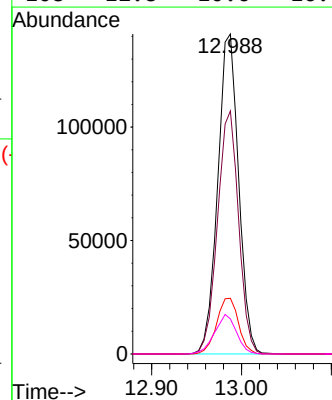
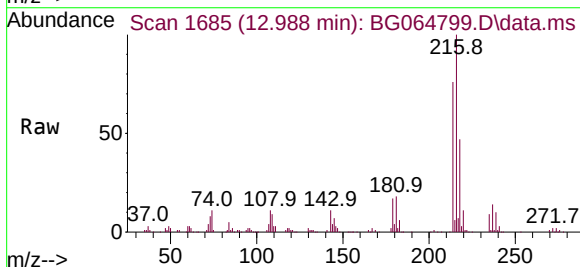
Ion Ratio Lower Upper

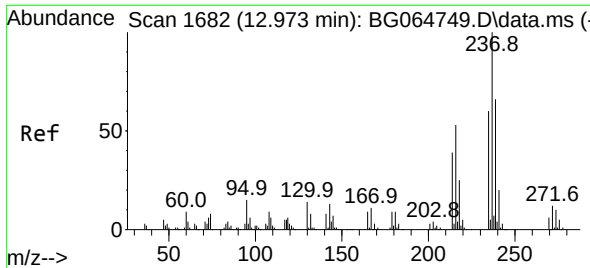
216 100

214 76.4 60.5 90.7

179 18.1 14.7 22.1

108 12.8 10.6 16.0

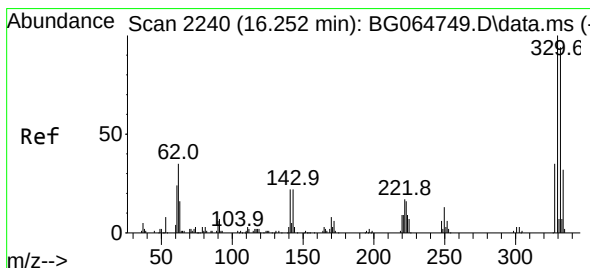
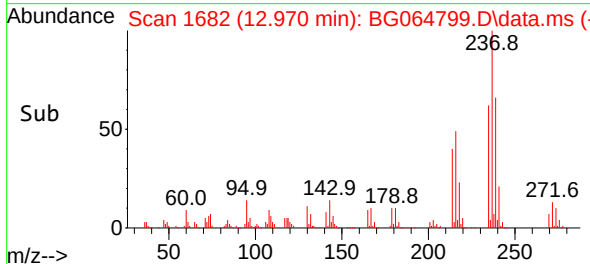
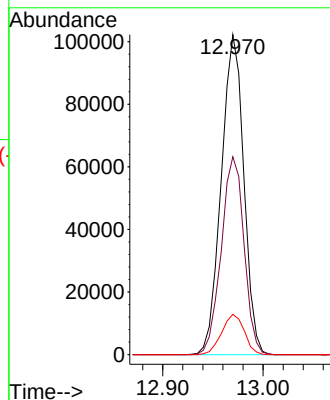
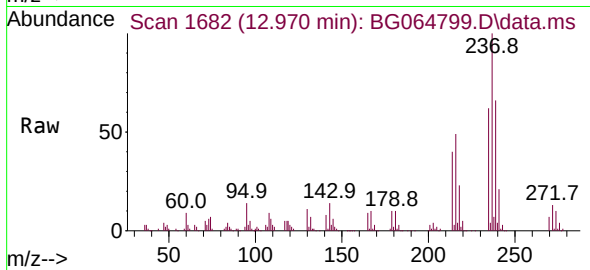




#41
Hexachlorocyclopentadiene
Concen: 37.821 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

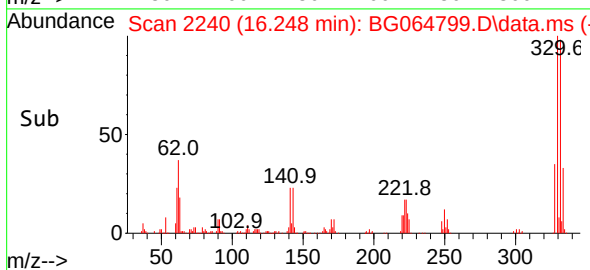
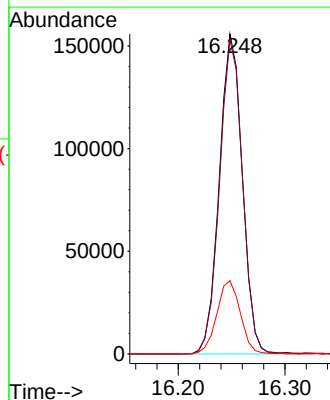
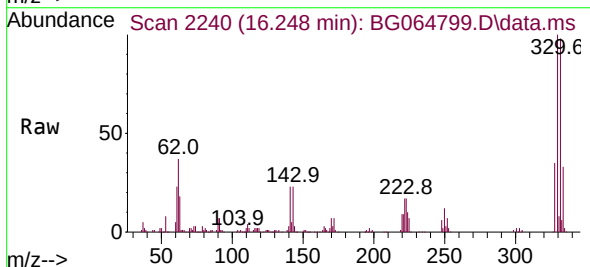
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

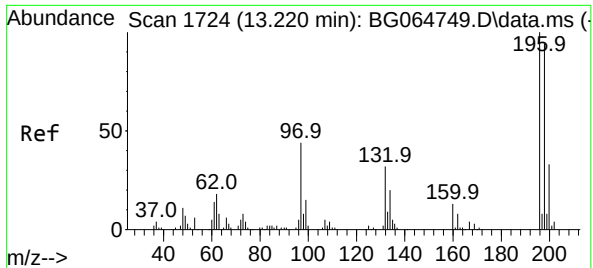
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.8	40.2	80.2
272	12.6	0.0	31.9



#42
2,4,6-Tribromophenol
Concen: 79.437 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	23.4	18.2	27.2





#43

2,4,6-Trichlorophenol

Concen: 40.613 ng

RT: 13.217 min Scan# 1724

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

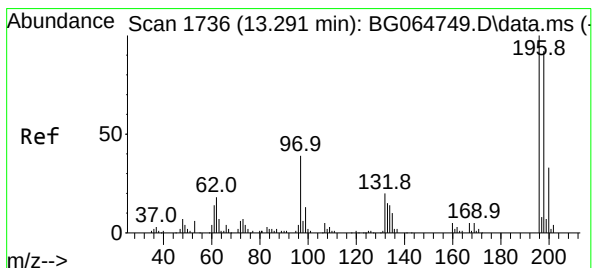
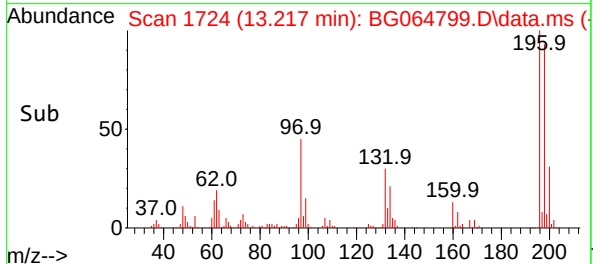
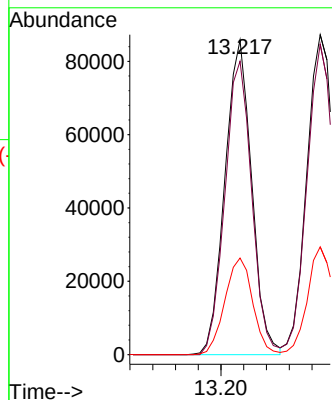
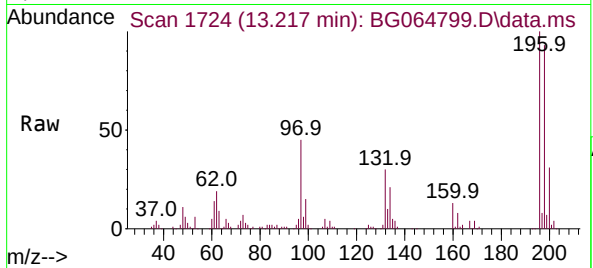
Tgt Ion:196 Resp: 140293

Ion Ratio Lower Upper

196 100

198 93.3 75.3 112.9

200 30.7 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 40.168 ng

RT: 13.287 min Scan# 1736

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Tgt Ion:196 Resp: 155625

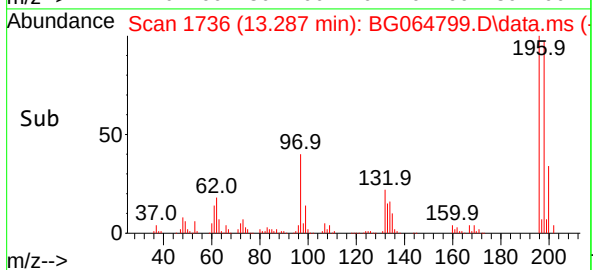
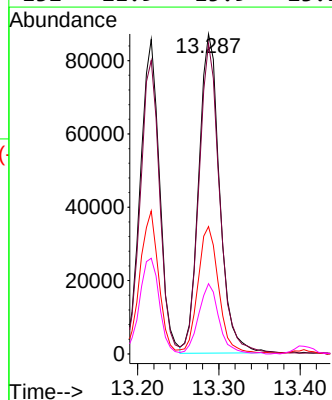
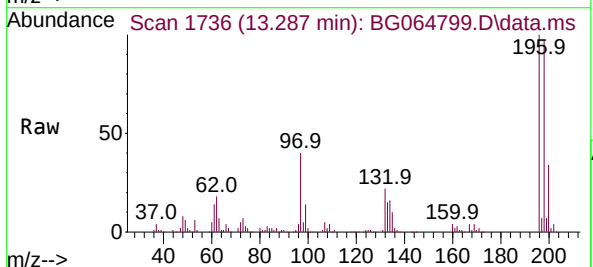
Ion Ratio Lower Upper

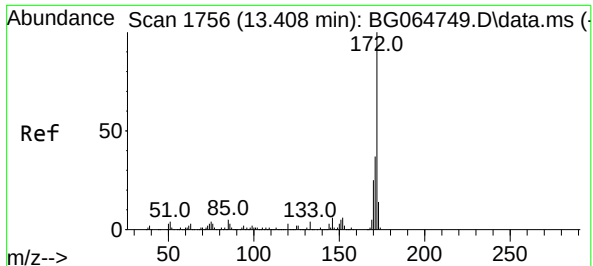
196 100

198 97.0 73.2 109.8

97 39.8 31.4 47.0

132 21.9 15.9 23.9

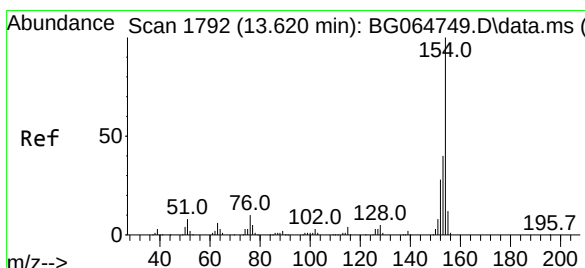
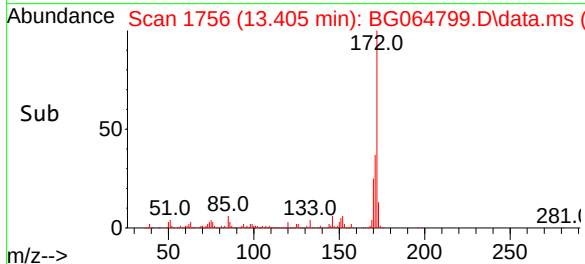
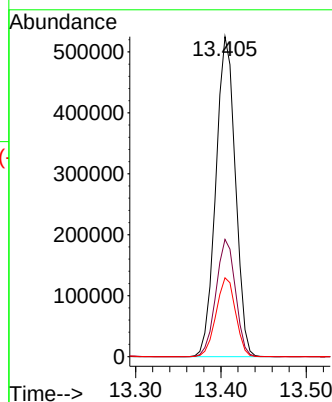
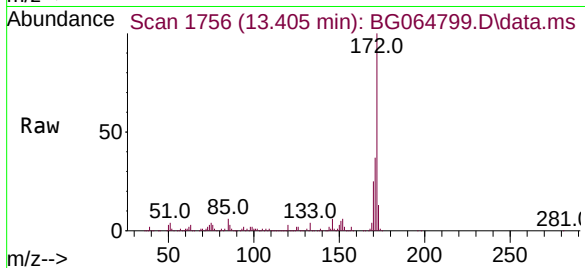




#45
2-Fluorobiphenyl
Concen: 77.118 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

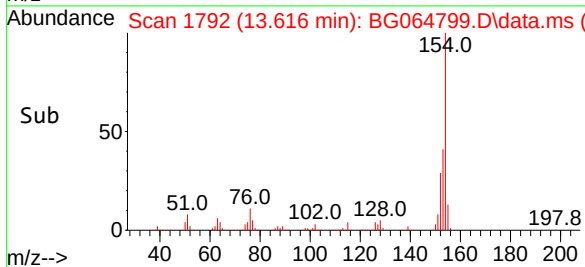
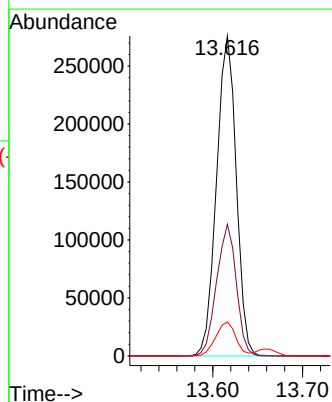
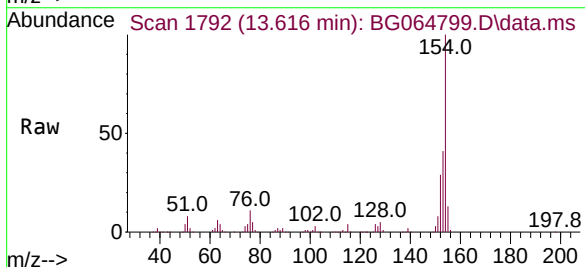
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

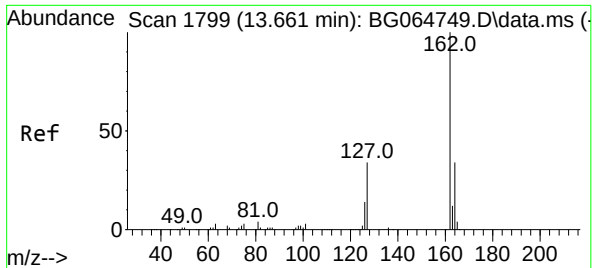
Tgt Ion:172 Resp: 835854
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.7 19.8 29.6



#46
1,1'-Biphenyl
Concen: 38.705 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:154 Resp: 420430
Ion Ratio Lower Upper
154 100
153 41.1 19.8 59.8
76 10.6 0.0 30.0

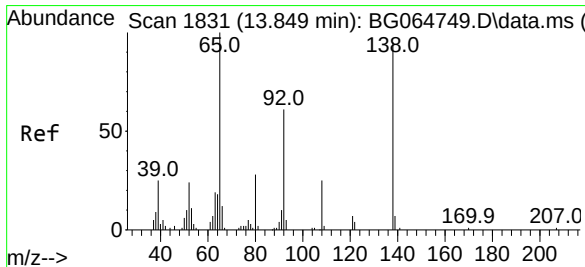
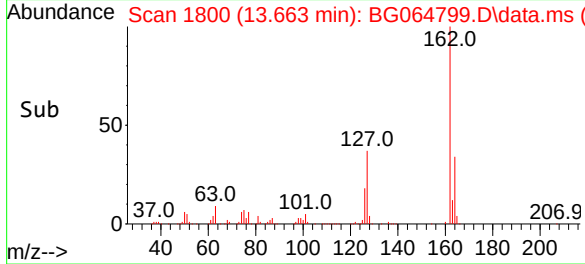
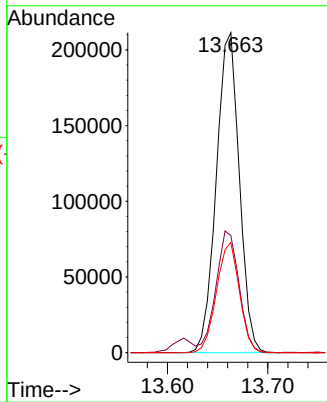
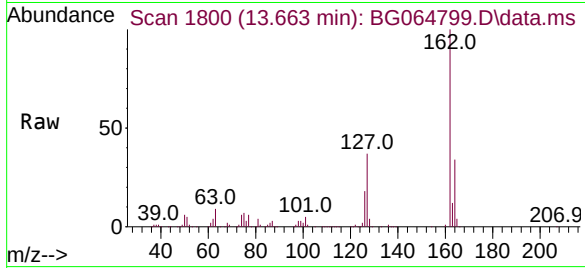




#47
2-Chloronaphthalene
Concen: 39.376 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

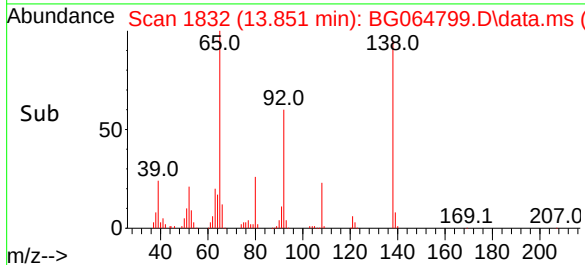
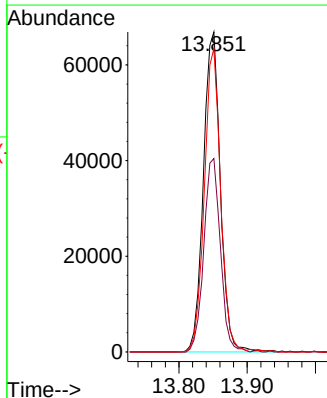
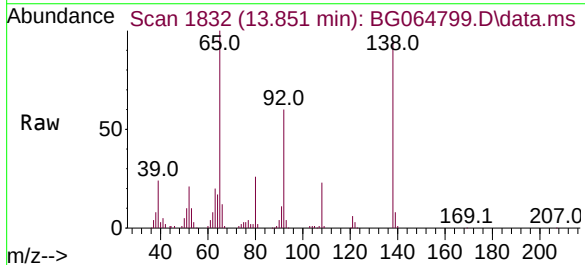
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

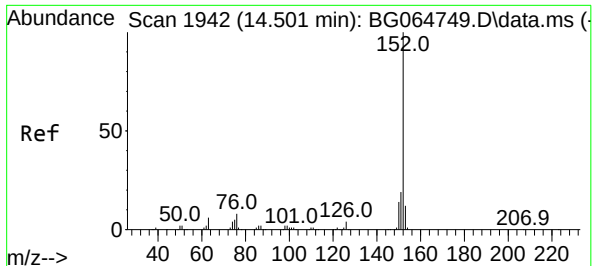
Tgt Ion:	162	Resp:	336969
Ion Ratio	Lower	Upper	
162	100		
127	36.6	30.3	45.5
164	34.4	26.8	40.2



#48
2-Nitroaniline
Concen: 41.911 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:	65	Resp:	115360
Ion Ratio	Lower	Upper	
65	100		
92	60.4	48.6	73.0
138	94.8	76.4	114.6





#49

Acenaphthylene

Concen: 39.541 ng

RT: 14.498 min Scan# 1942

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

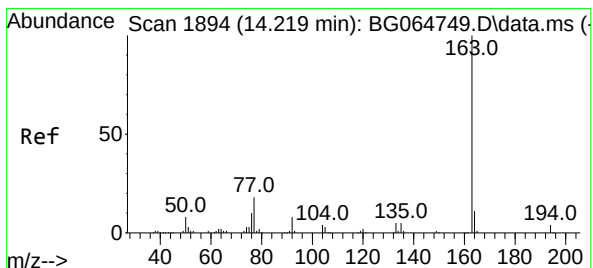
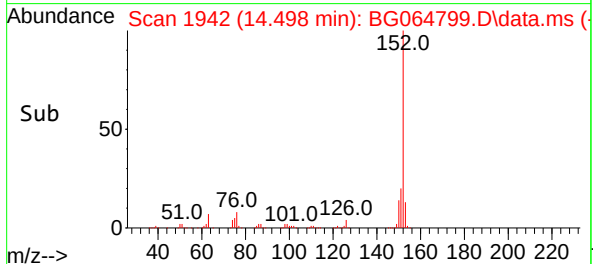
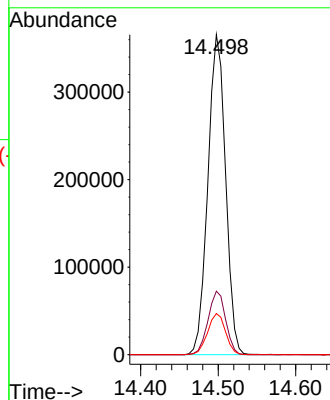
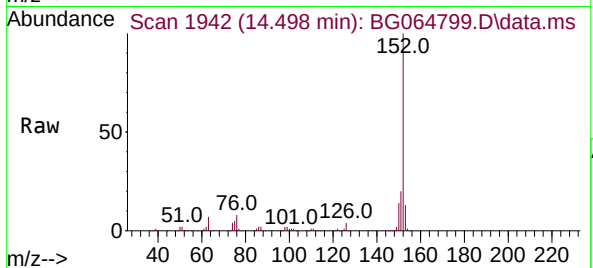
Tgt Ion:152 Resp: 578090

Ion Ratio Lower Upper

152 100

151 19.8 15.0 22.4

153 12.8 9.9 14.9



#50

Dimethylphthalate

Concen: 39.472 ng

RT: 14.216 min Scan# 1894

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

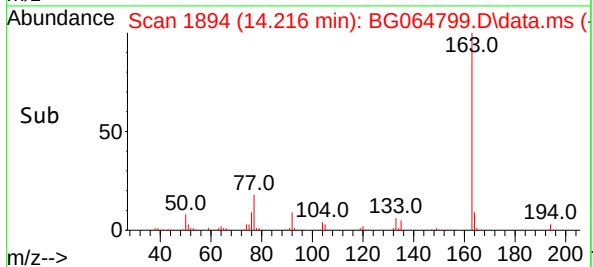
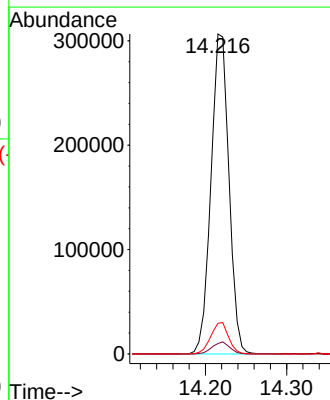
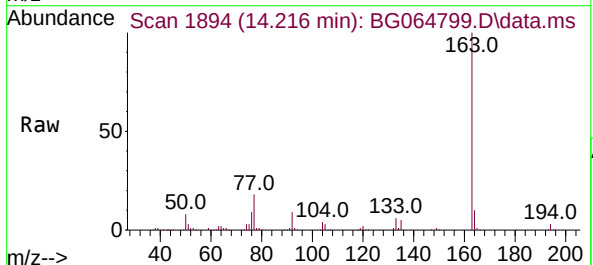
Tgt Ion:163 Resp: 471562

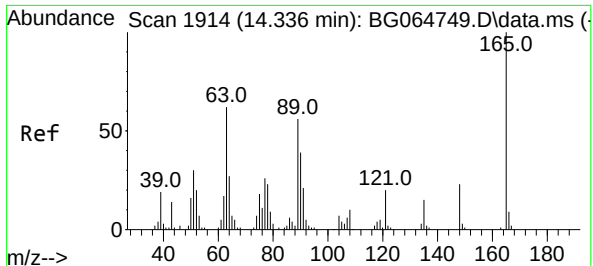
Ion Ratio Lower Upper

163 100

194 3.2 3.1 4.7

164 9.6 8.6 12.8

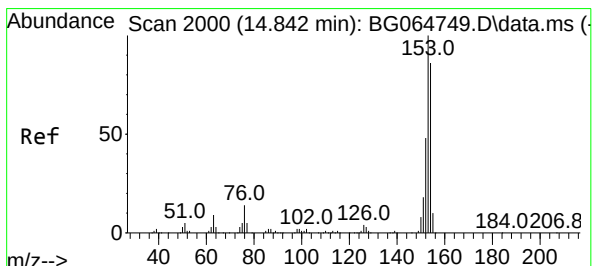
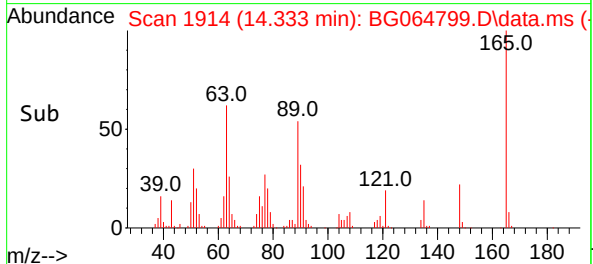
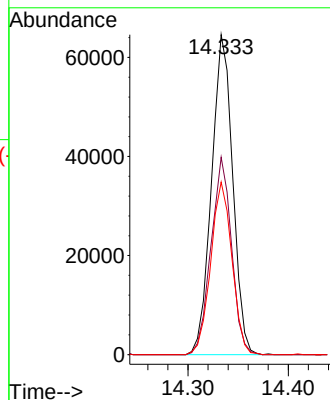
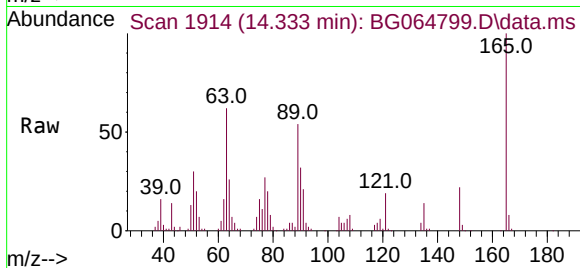




#51
2,6-Dinitrotoluene
Concen: 41.173 ng
RT: 14.333 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

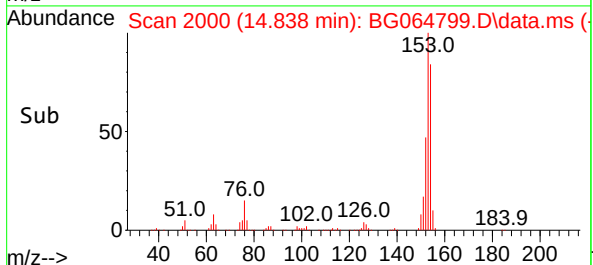
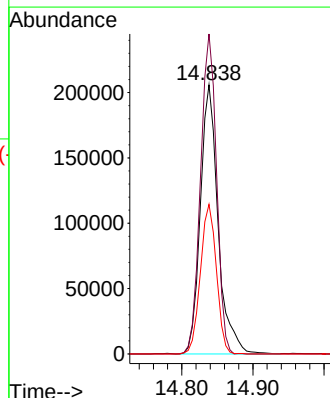
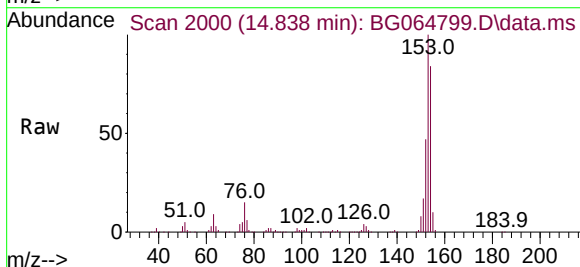
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

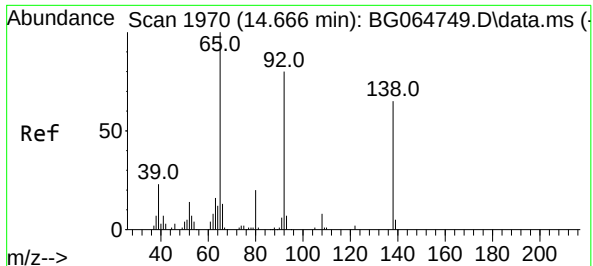
Tgt Ion:165 Resp: 94651
Ion Ratio Lower Upper
165 100
63 61.7 49.8 74.8
89 53.9 45.0 67.4



#52
Acenaphthene
Concen: 40.611 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:154 Resp: 355990
Ion Ratio Lower Upper
154 100
153 118.9 93.0 139.4
152 55.6 44.4 66.6

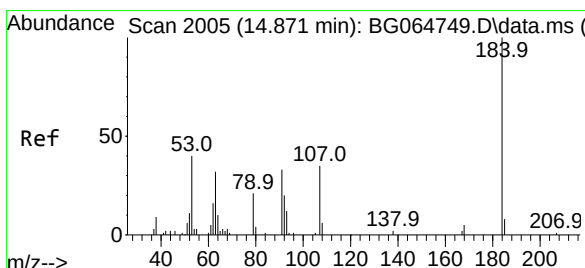
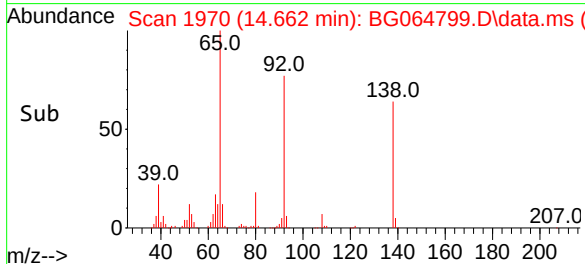
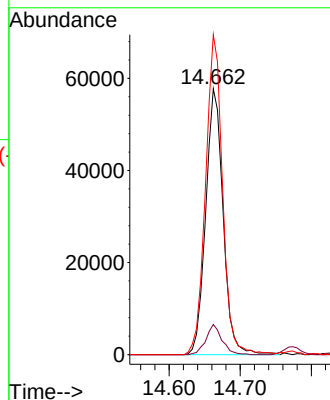
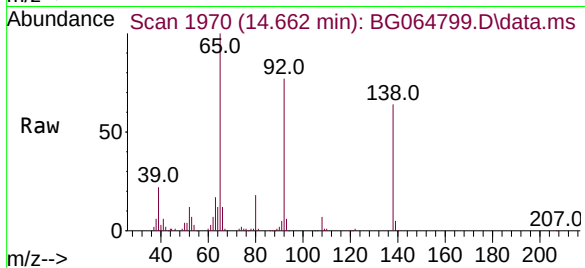




#53
3-Nitroaniline
Concen: 43.322 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

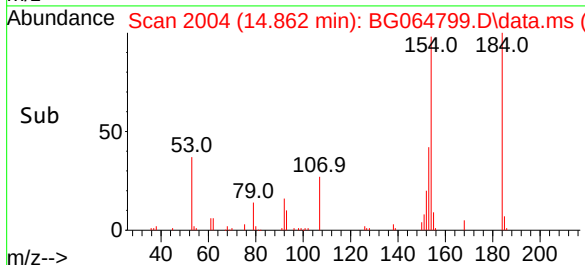
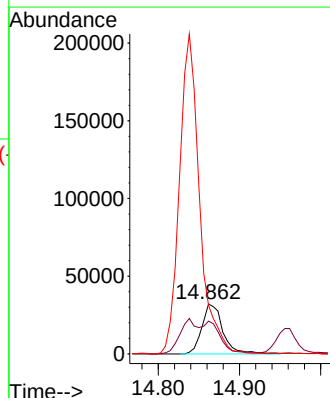
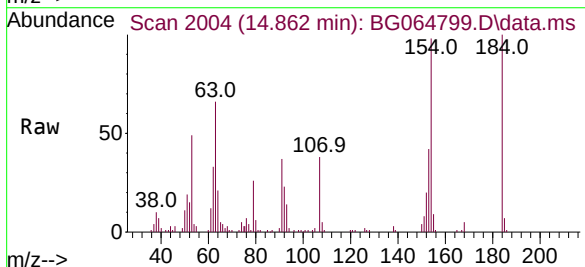
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

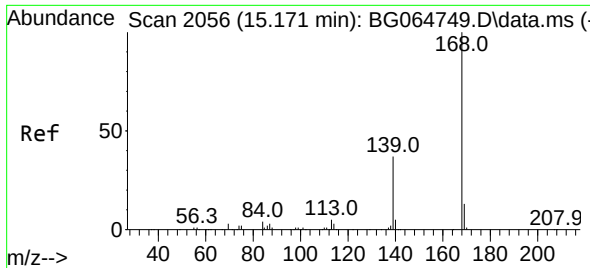
Tgt Ion:138 Resp: 98294
Ion Ratio Lower Upper
138 100
108 11.3 9.5 14.3
92 120.4 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 41.231 ng
RT: 14.862 min Scan# 2004
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:184 Resp: 57590
Ion Ratio Lower Upper
184 100
63 65.5 45.8 68.6
154 97.7 52.6 78.8#

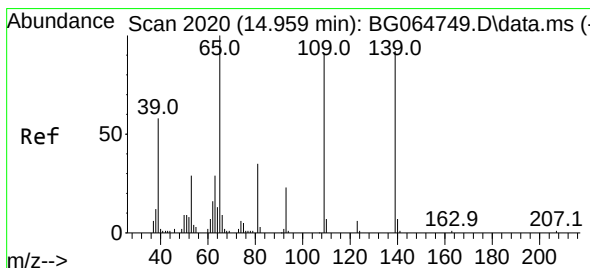
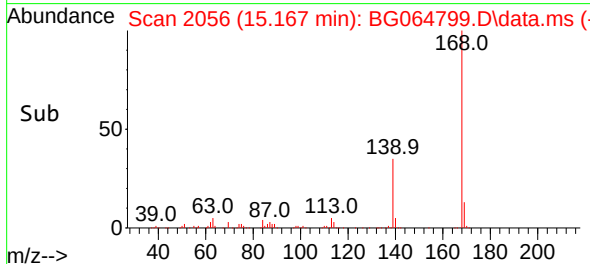
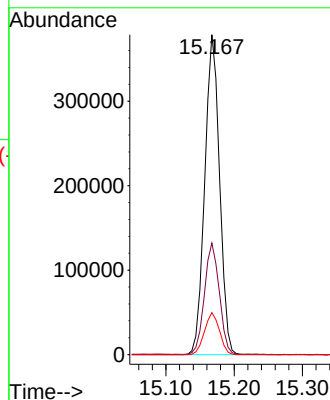
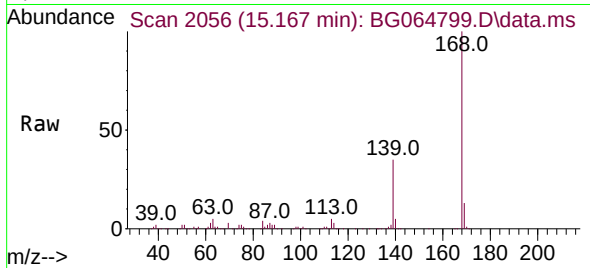




#55
Dibenzenofuran
Concen: 39.408 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

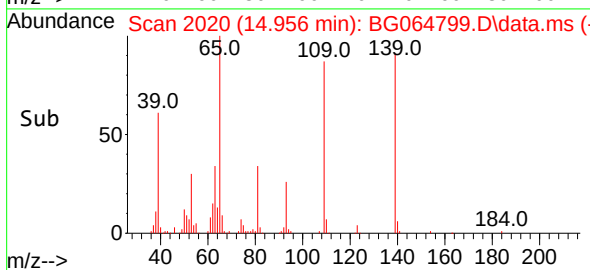
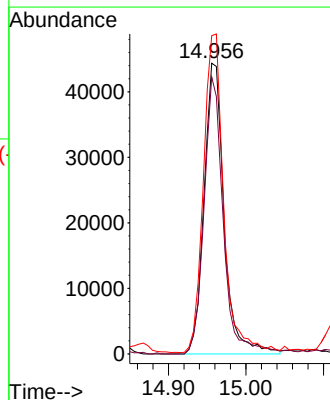
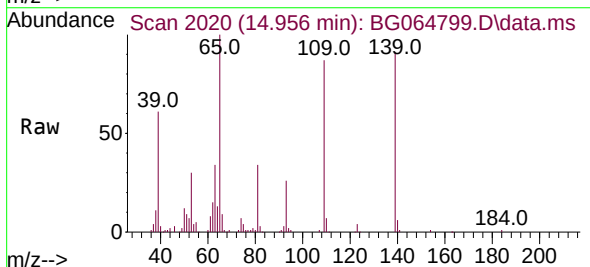
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

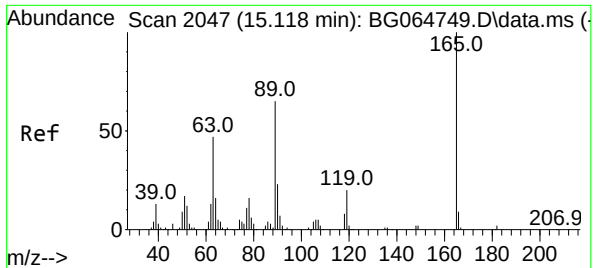
Tgt Ion:168 Resp: 571101
Ion Ratio Lower Upper
168 100
139 34.9 29.5 44.3
169 13.1 10.4 15.6



#56
4-Nitrophenol
Concen: 44.204 ng
RT: 14.956 min Scan# 2020
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:139 Resp: 79574
Ion Ratio Lower Upper
139 100
109 95.3 79.7 119.7
65 109.5 89.9 129.9

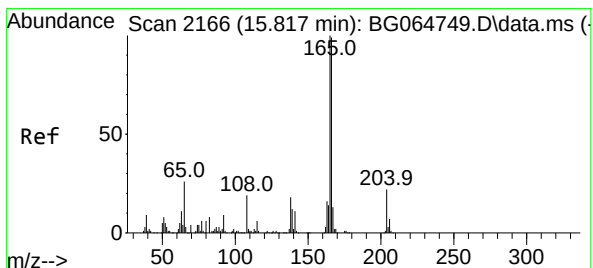
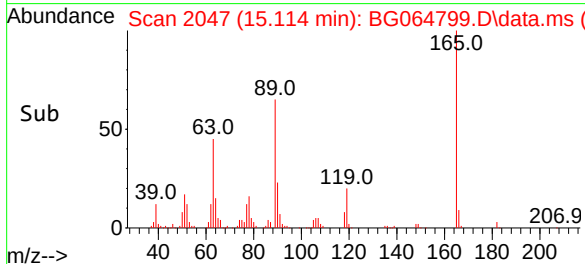
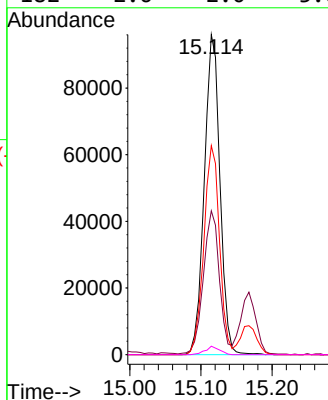
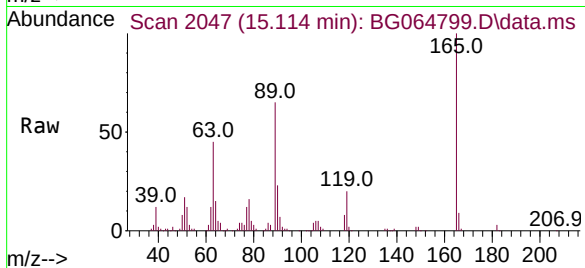




#57
2,4-Dinitrotoluene
Concen: 42.493 ng
RT: 15.114 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

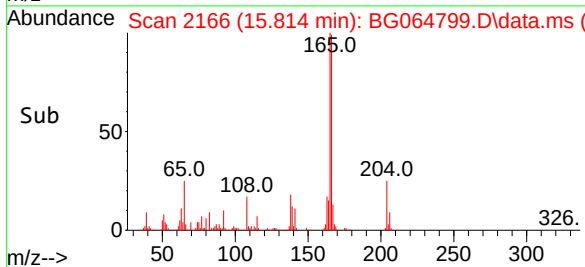
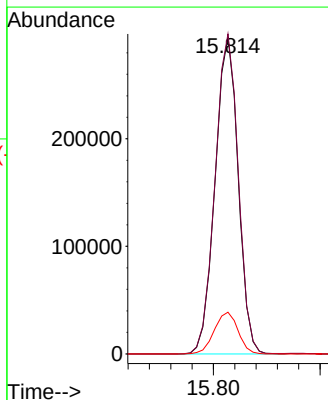
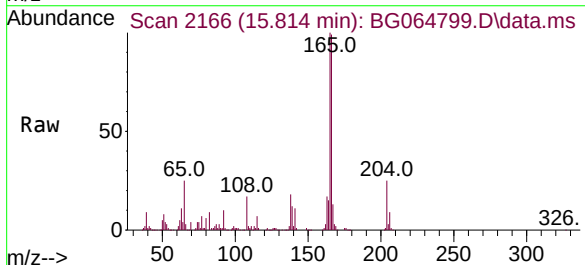
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

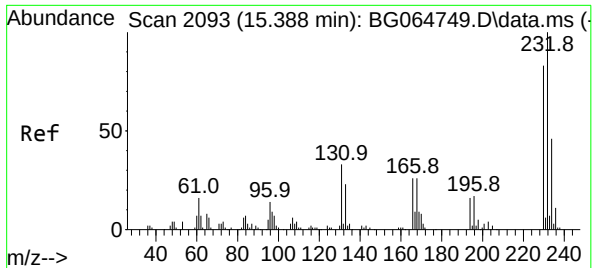
Tgt Ion:165 Resp: 146447
Ion Ratio Lower Upper
165 100
63 44.9 37.8 56.6
89 65.3 51.6 77.4
182 2.6 2.0 3.0



#58
Fluorene
Concen: 38.971 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:166 Resp: 442954
Ion Ratio Lower Upper
166 100
165 100.9 80.5 120.7
167 13.2 10.3 15.5

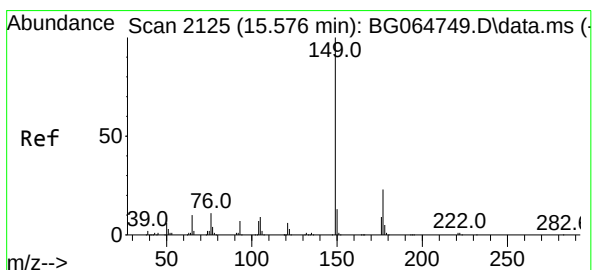
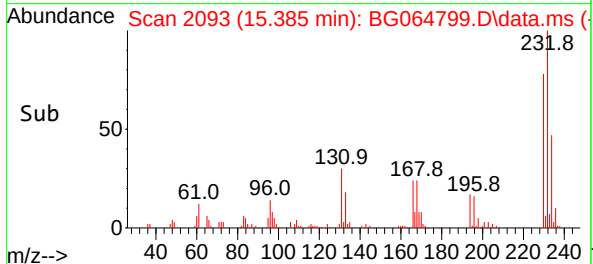
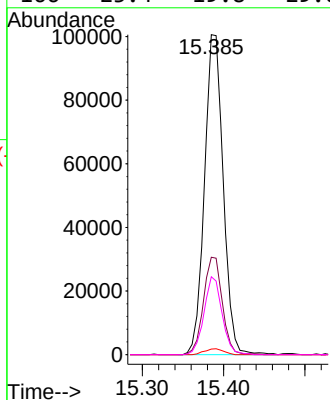
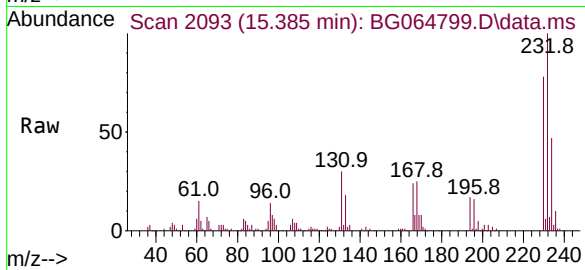




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.191 ng
RT: 15.385 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

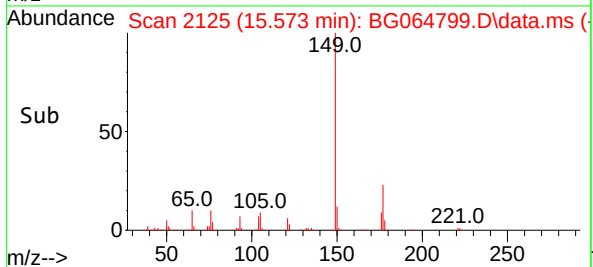
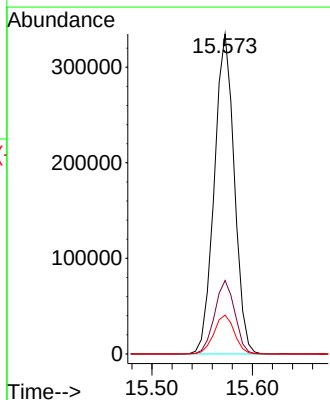
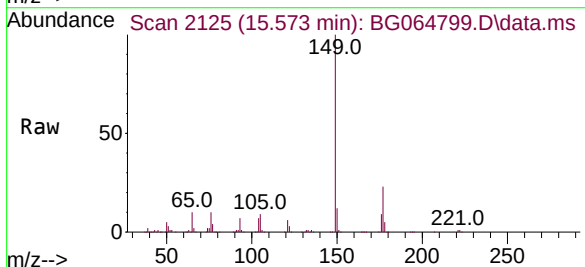
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

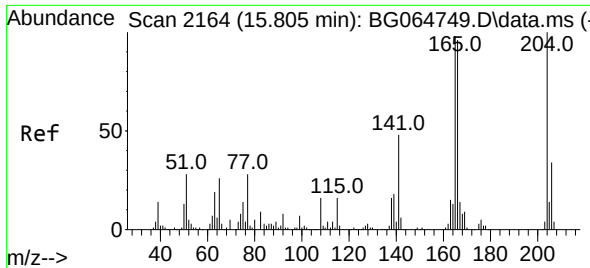
Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.5	26.0	39.0
130	1.8	1.6	2.4
166	23.4	19.8	29.6



#60
Diethylphthalate
Concen: 40.532 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.4	27.6
150	12.1	10.1	15.1

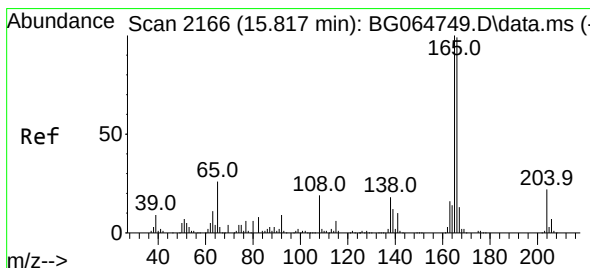
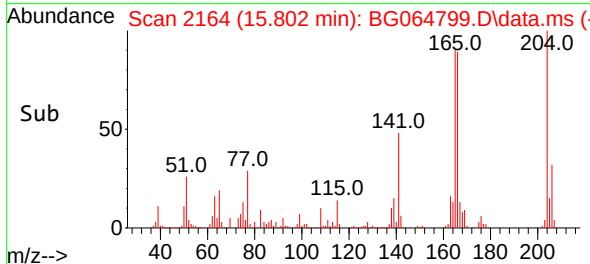
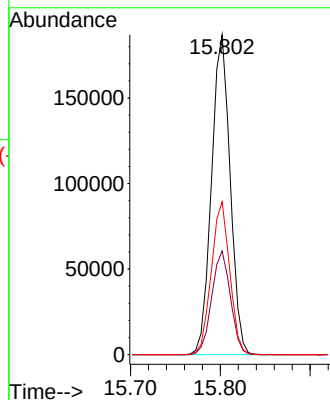
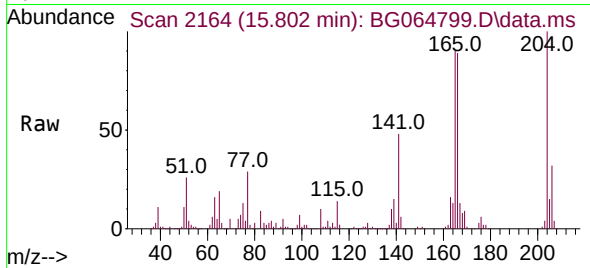




#61
4-Chlorophenyl-phenylether
Concen: 39.560 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

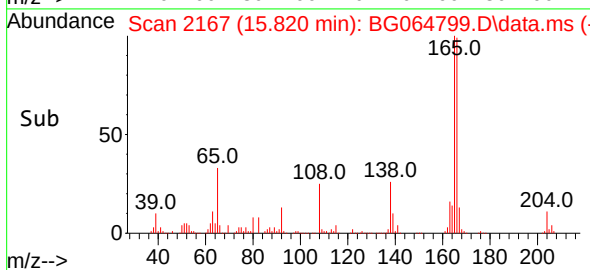
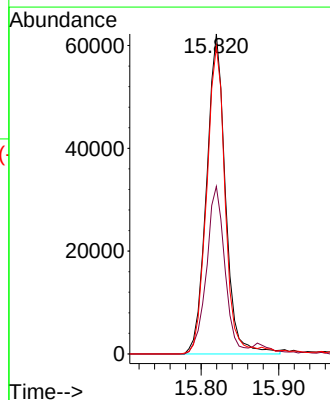
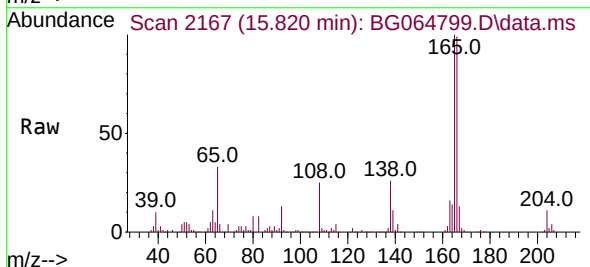
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

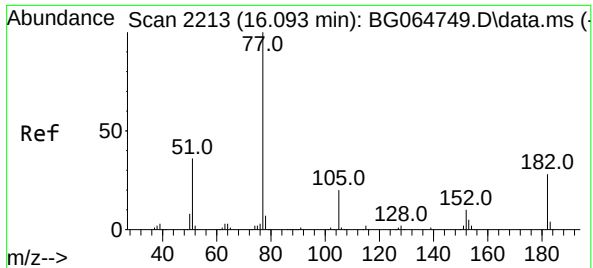
Tgt Ion:204 Resp: 269848
Ion Ratio Lower Upper
204 100
206 32.4 26.9 40.3
141 47.8 38.1 57.1



#62
4-Nitroaniline
Concen: 44.822 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:138 Resp: 105356
Ion Ratio Lower Upper
138 100
92 52.3 30.7 70.7
108 96.0 85.7 125.7

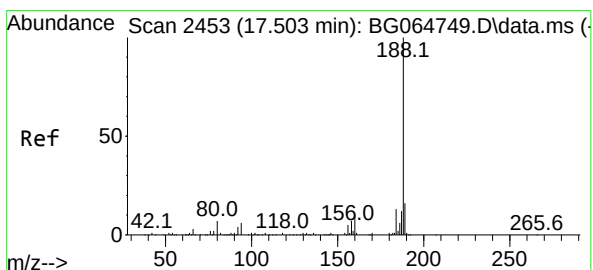
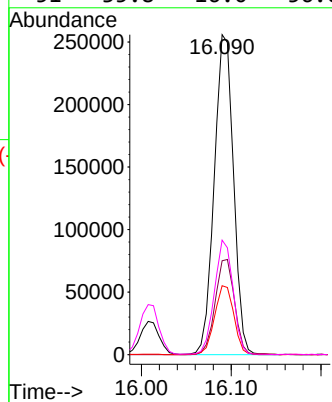
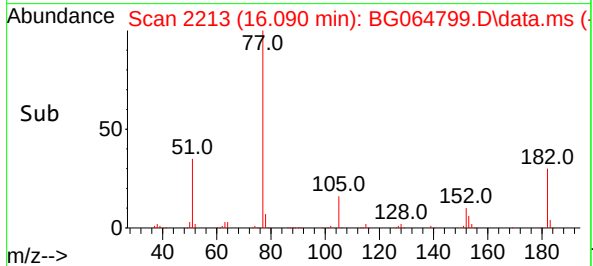
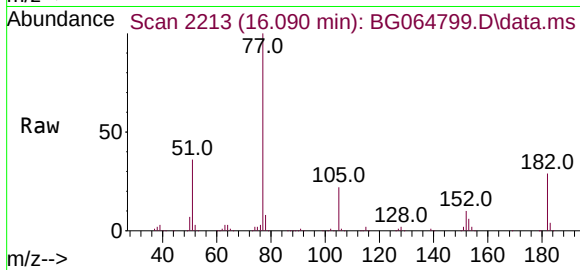




#63
Azobenzene
Concen: 40.098 ng
RT: 16.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

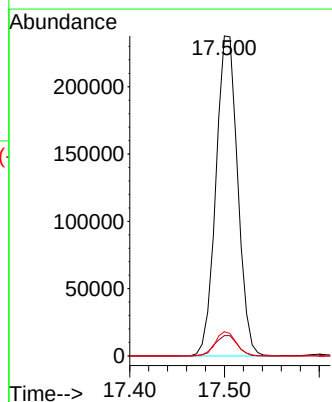
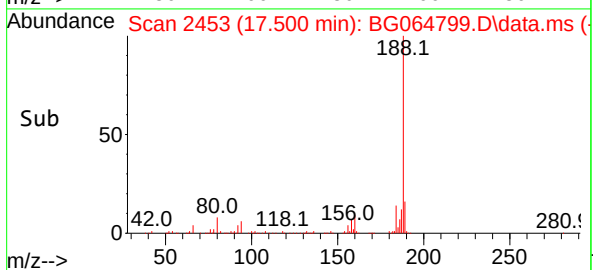
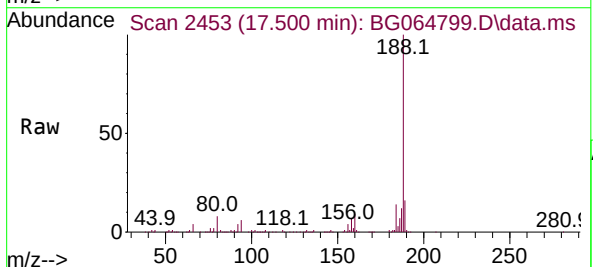
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

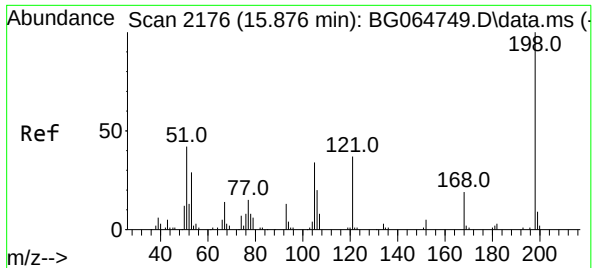
Tgt Ion:	77	Resp:	381695
Ion	Ratio	Lower	Upper
77	100		
182	29.3	8.1	48.1
105	21.6	0.1	40.1
51	35.8	16.0	56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:	188	Resp:	378244
Ion	Ratio	Lower	Upper
188	100		
94	6.3	4.7	7.1
80	7.6	5.4	8.2

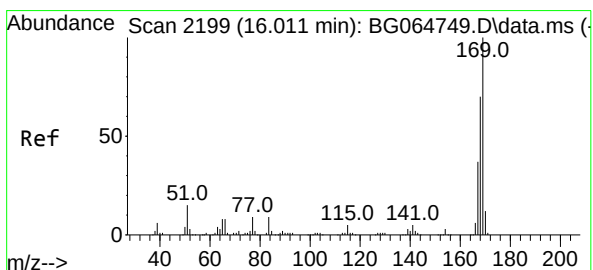
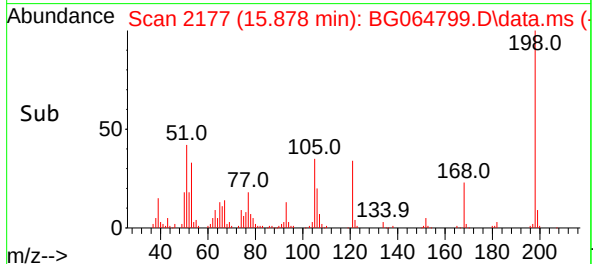
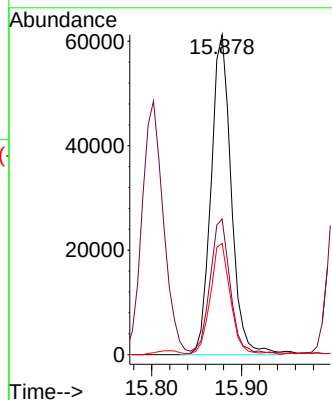
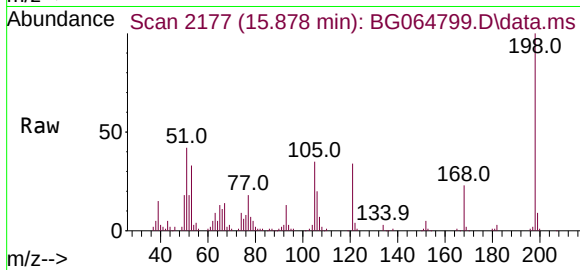




#65
4,6-Dinitro-2-methylphenol
Concen: 45.644 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

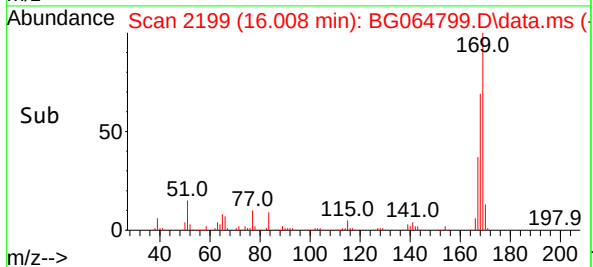
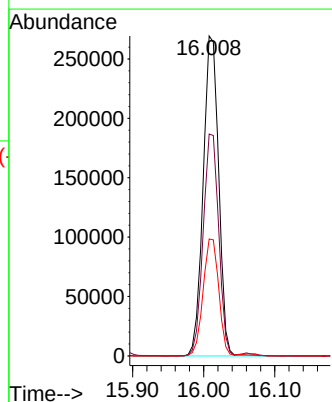
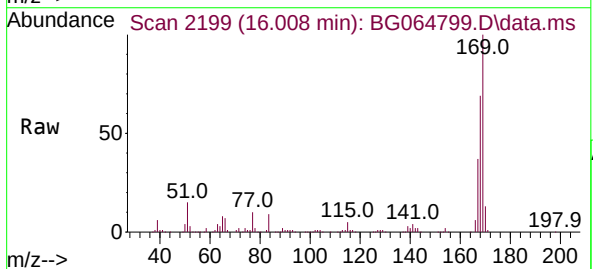
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

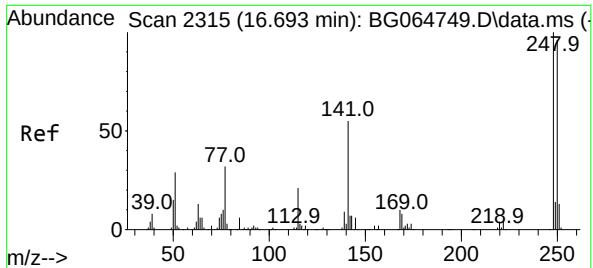
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.4	25.2	65.2
105	34.8	14.2	54.2



#66
n-Nitrosodiphenylamine
Concen: 40.965 ng
RT: 16.008 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.9	83.9
167	36.5	29.8	44.6

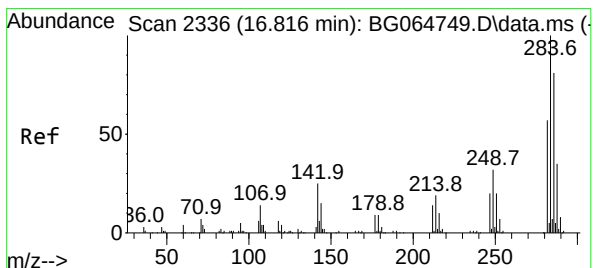
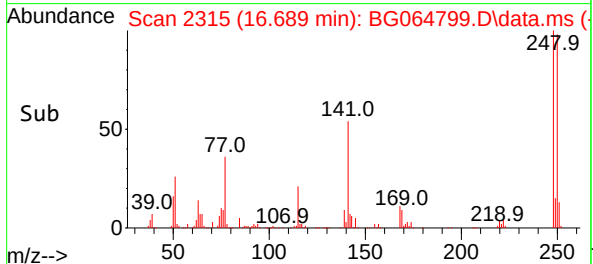
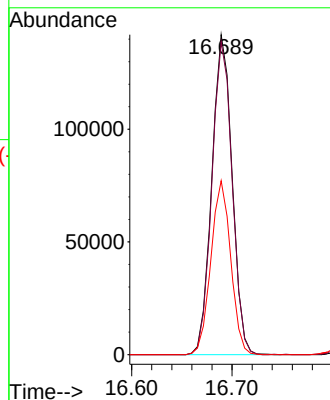
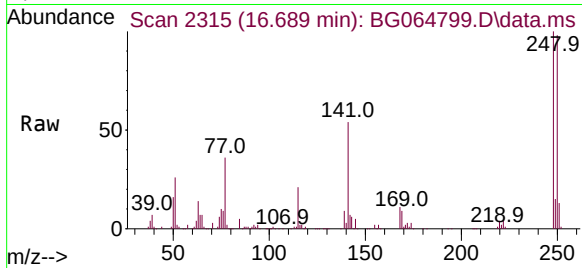




#67
4-Bromophenyl-phenylether
Concen: 40.163 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

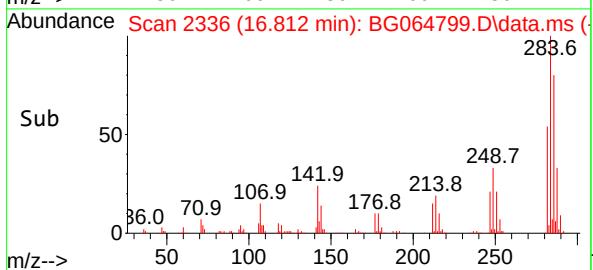
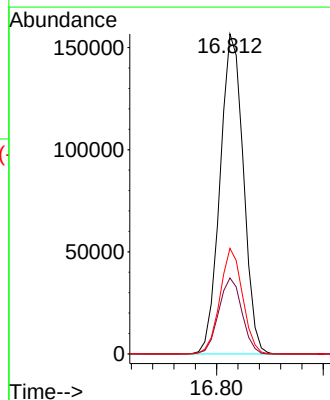
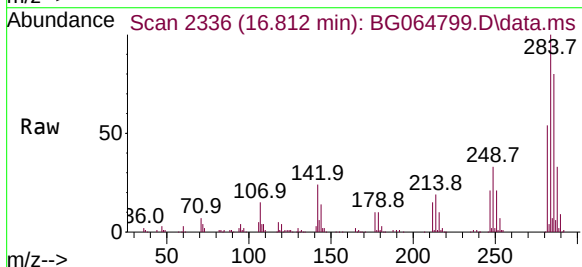
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

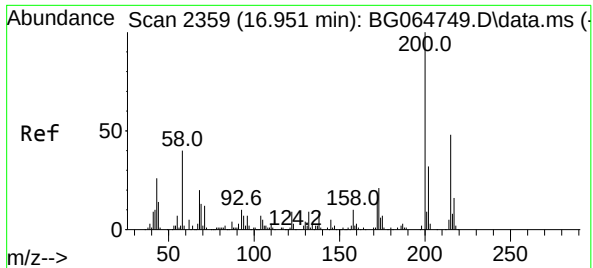
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.0	115.6
141	54.3	43.7	65.5



#68
Hexachlorobenzene
Concen: 39.648 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.7	19.7	29.5
249	35.3	28.1	42.1





#69

Atrazine

Concen: 40.007 ng

RT: 16.948 min Scan# 2359

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

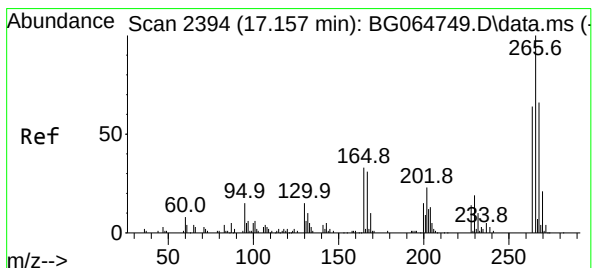
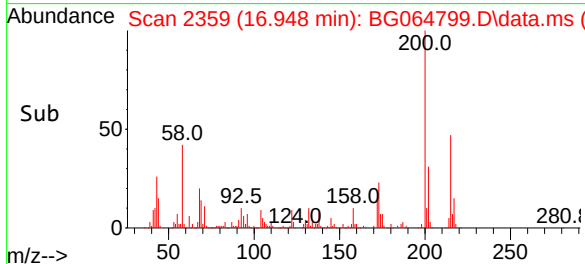
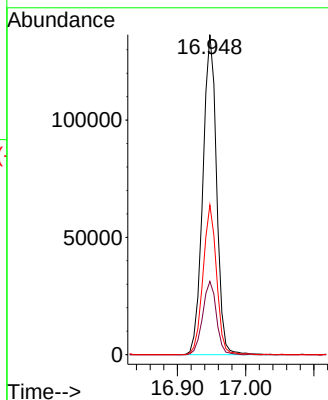
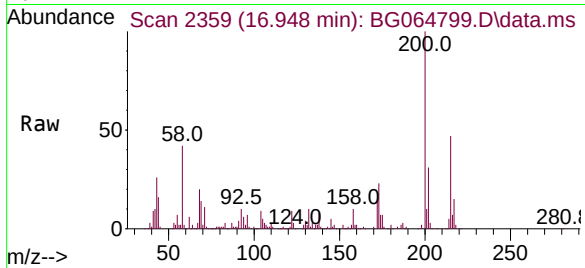
Tgt Ion:200 Resp: 191104

Ion Ratio Lower Upper

200 100

173 22.9 0.9 40.9

215 46.7 27.5 67.5



#70

Pentachlorophenol

Concen: 42.710 ng

RT: 17.153 min Scan# 2394

Delta R.T. -0.004 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

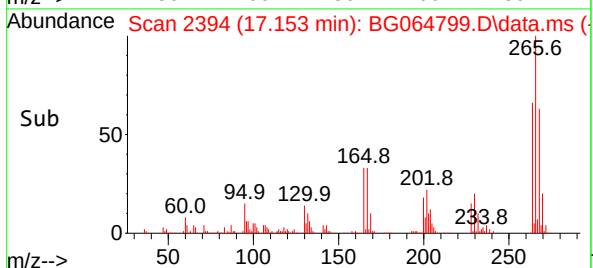
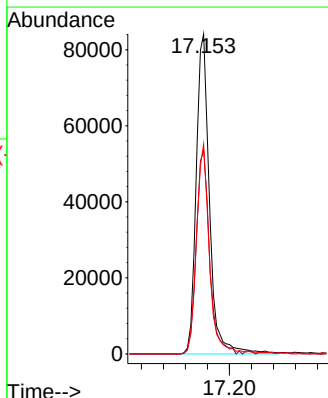
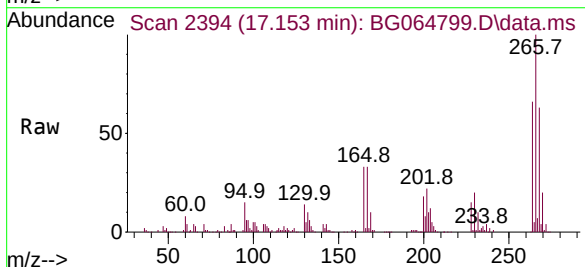
Tgt Ion:266 Resp: 141056

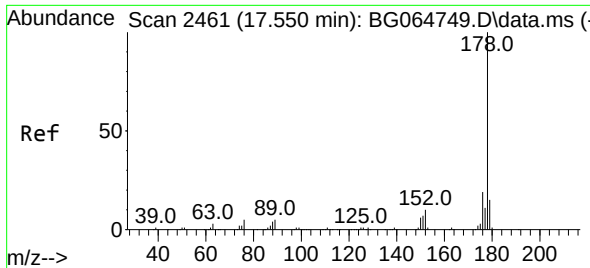
Ion Ratio Lower Upper

266 100

268 63.5 56.1 84.1

264 65.6 51.2 76.8

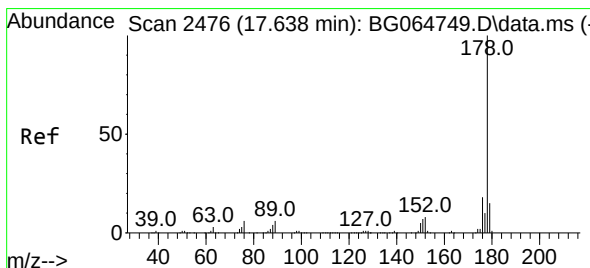
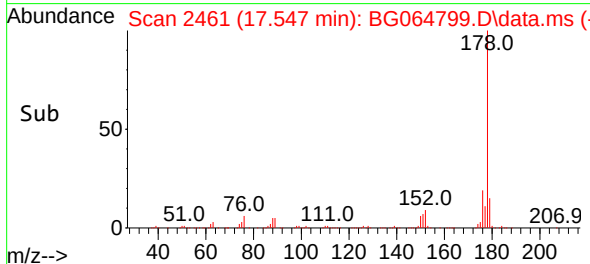
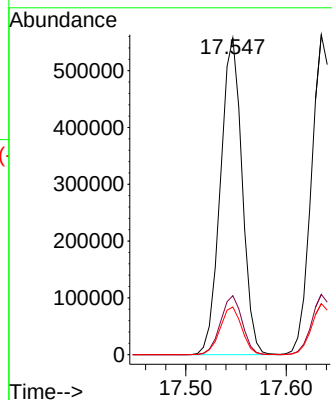
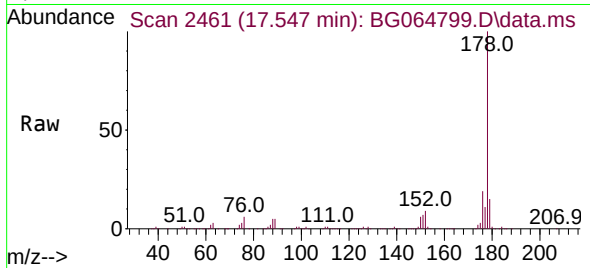




#71
Phenanthrene
Concen: 40.417 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

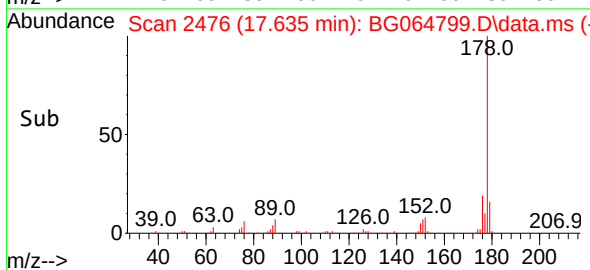
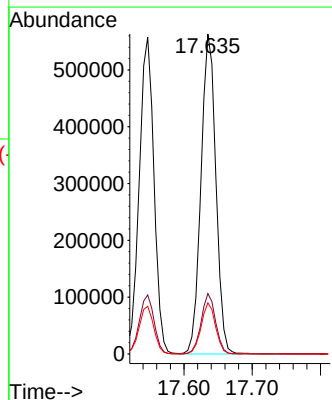
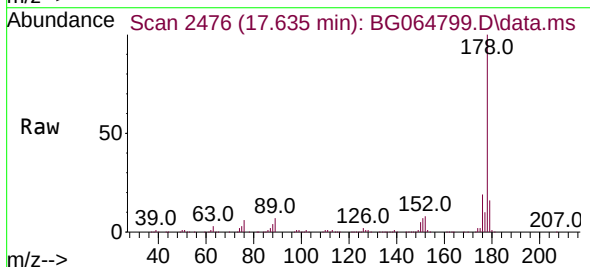
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

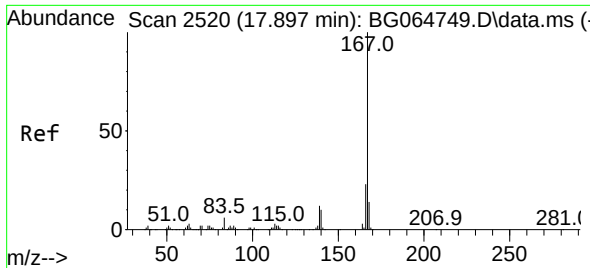
Tgt Ion:178 Resp: 836435
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.0 12.2 18.4



#72
Anthracene
Concen: 40.530 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:178 Resp: 855270
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 15.9 12.2 18.4

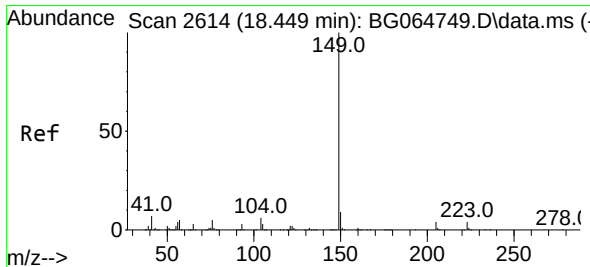
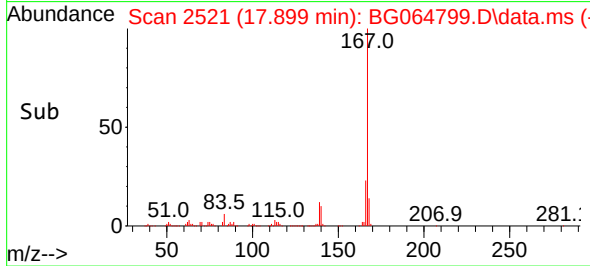
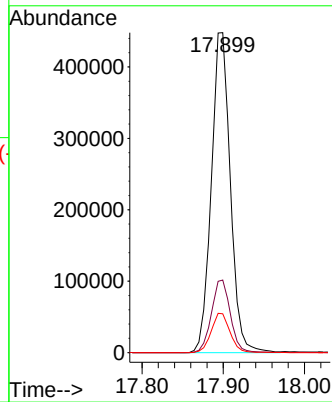
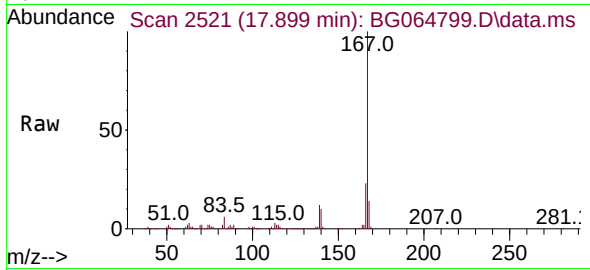




#73
Carbazole
Concen: 40.235 ng
RT: 17.899 min Scan# 2520
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

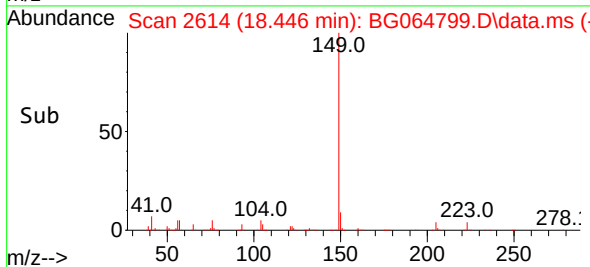
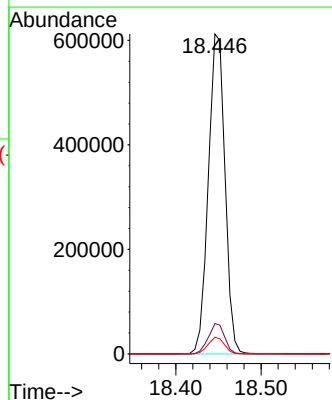
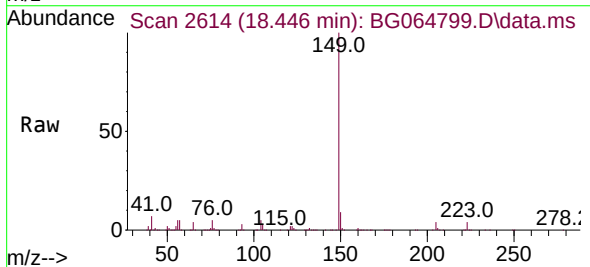
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

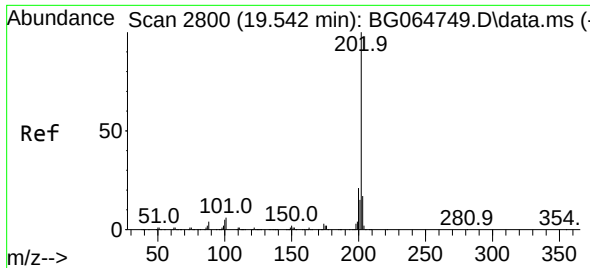
Tgt Ion:167 Resp: 729900
Ion Ratio Lower Upper
167 100
166 22.7 18.0 27.0
139 12.1 9.7 14.5



#74
Di-n-butylphthalate
Concen: 40.989 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:149 Resp: 829570
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.2 4.4 6.6

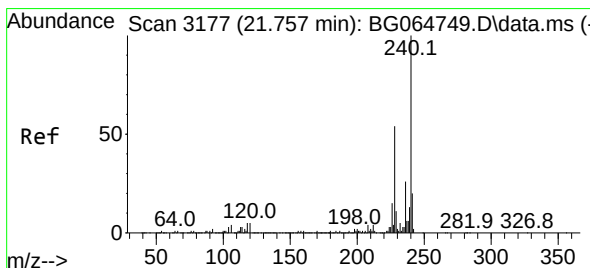
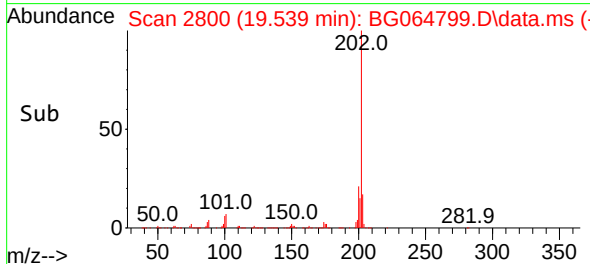
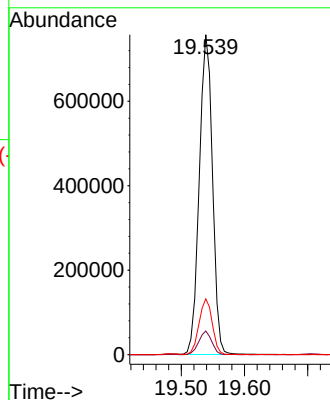
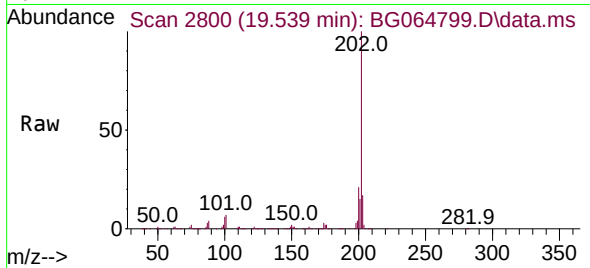




#75
Fluoranthene
Concen: 38.785 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

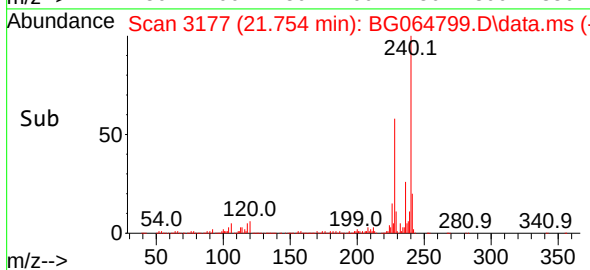
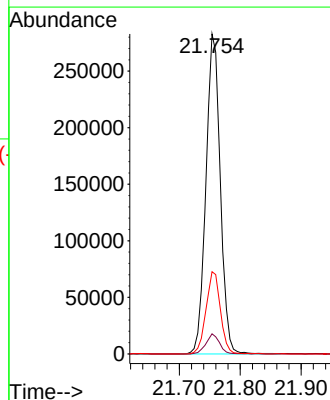
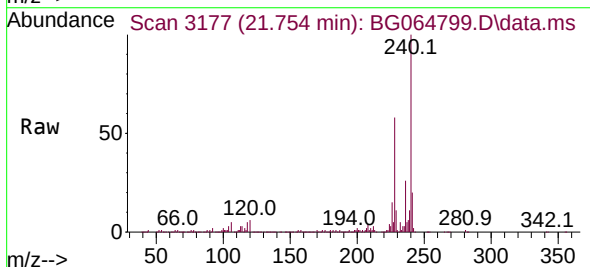
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

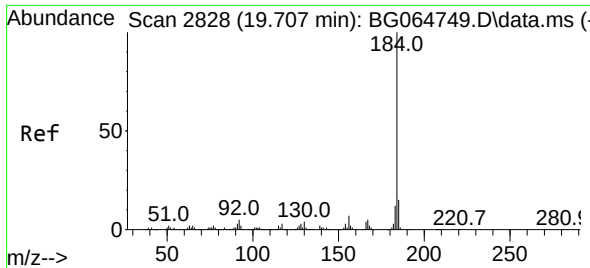
Tgt Ion:202 Resp: 1097600
Ion Ratio Lower Upper
202 100
101 7.4 0.0 26.4
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:240 Resp: 462465
Ion Ratio Lower Upper
240 100
120 6.3 4.2 6.4
236 25.7 20.8 31.2

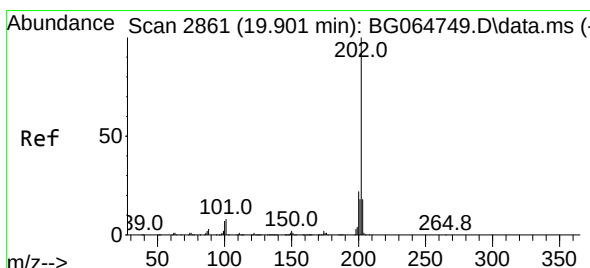
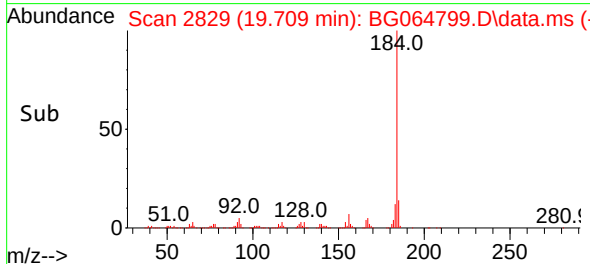
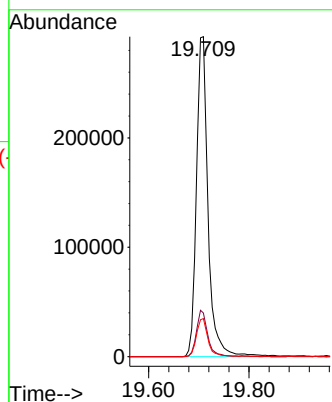
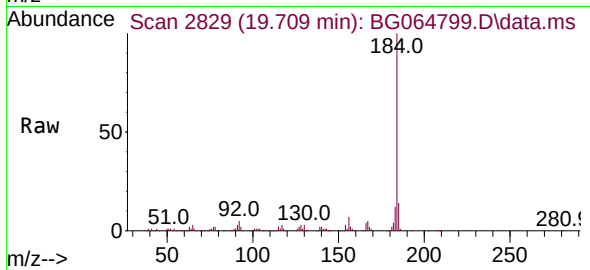




#77
Benzidine
Concen: 33.884 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

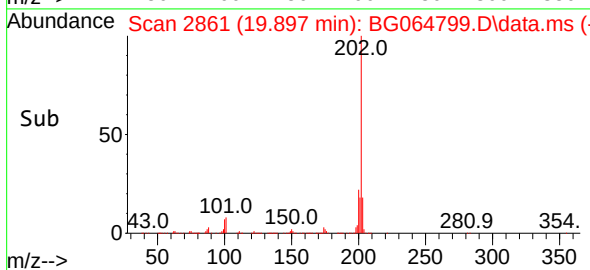
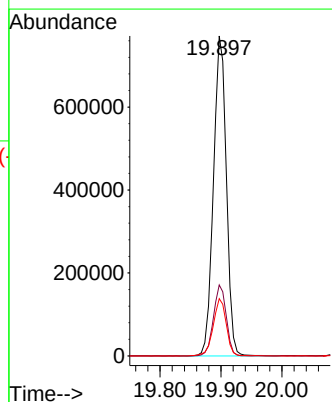
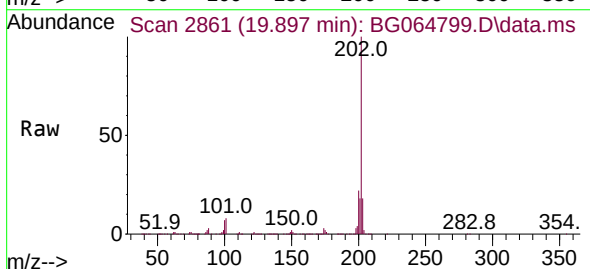
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

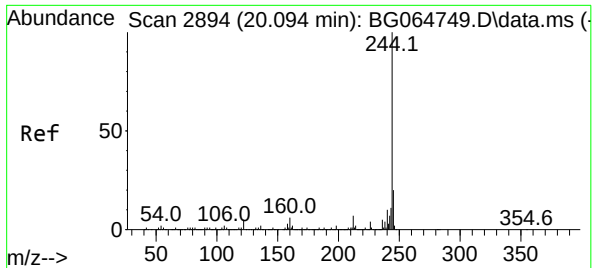
Tgt Ion:184 Resp: 469297
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.6
183 11.9 9.8 14.6



#78
Pyrene
Concen: 43.830 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:202 Resp: 1136034
Ion Ratio Lower Upper
202 100
200 22.2 17.9 26.9
203 17.9 14.0 21.0

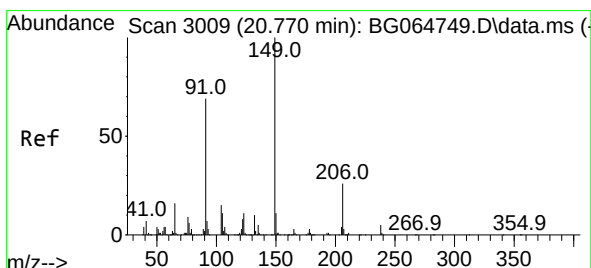
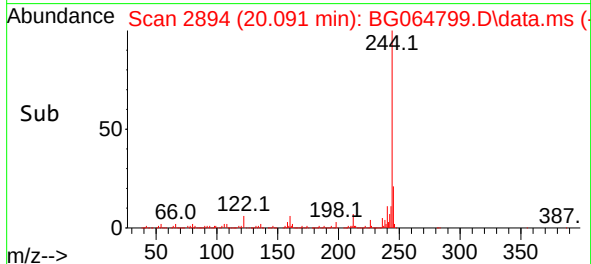
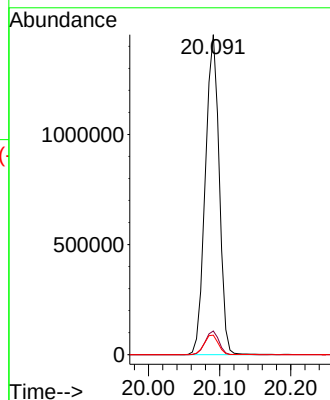
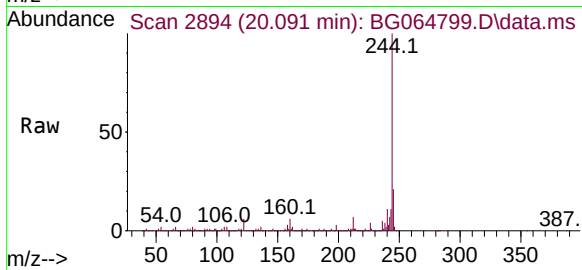




#79
Terphenyl-d14
Concen: 83.233 ng
RT: 20.091 min Scan# 2894
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

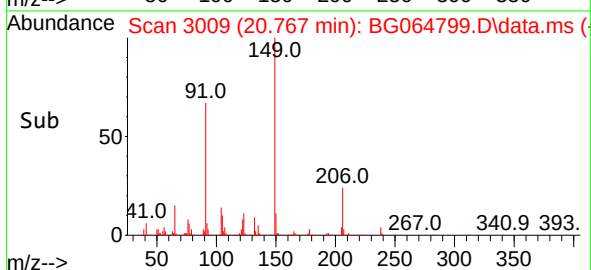
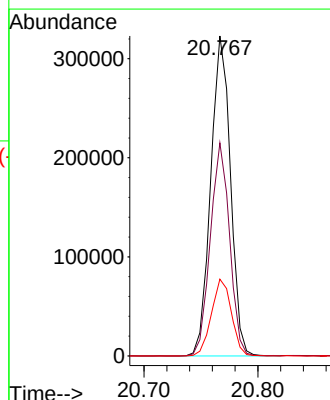
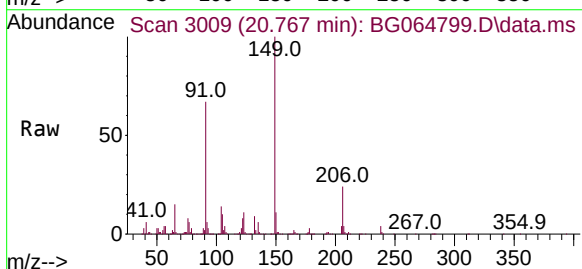
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

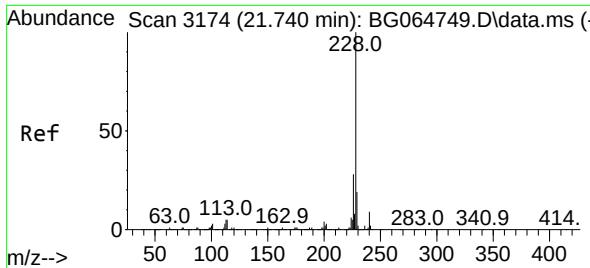
Tgt Ion:244 Resp: 1956806
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 6.1 4.3 6.5



#80
Butylbenzylphthalate
Concen: 42.685 ng
RT: 20.767 min Scan# 3009
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:149 Resp: 389152
Ion Ratio Lower Upper
149 100
91 66.6 54.9 82.3
206 24.0 21.2 31.8

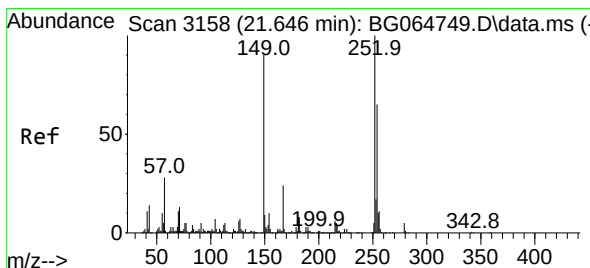
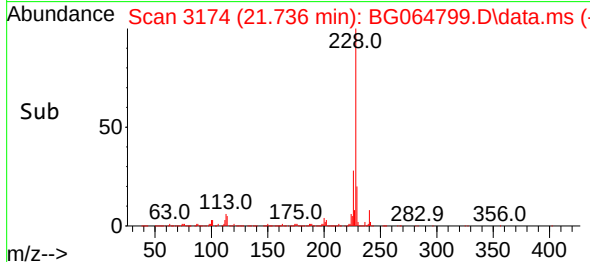
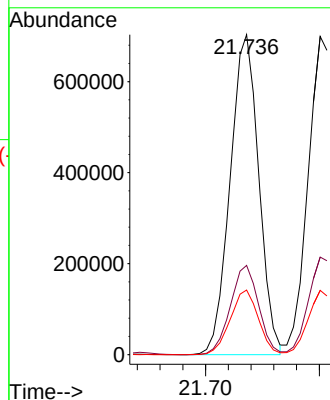
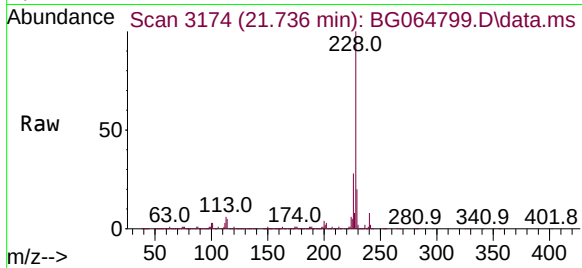




#81
Benzo(a)anthracene
Concen: 39.099 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

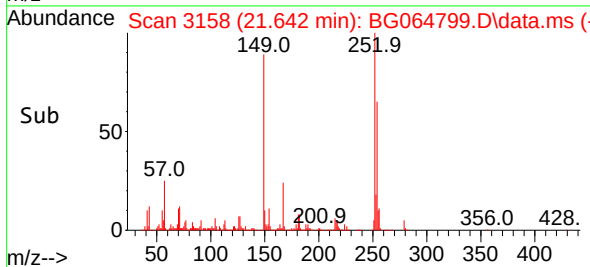
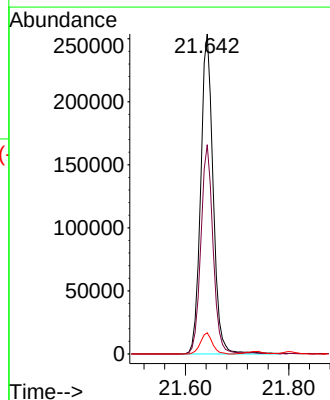
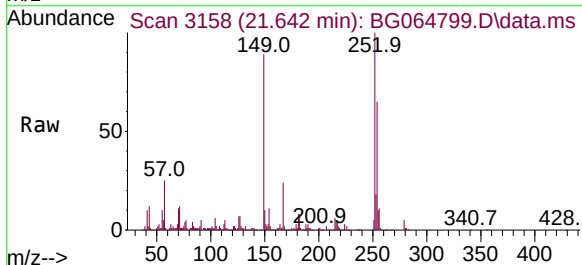
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

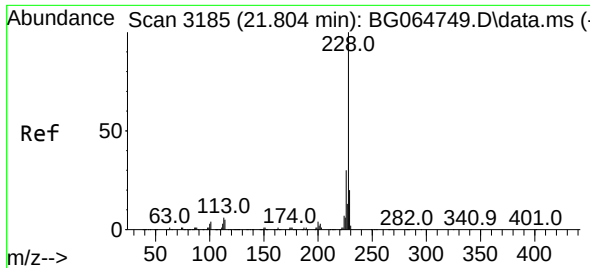
Tgt Ion:228 Resp: 1229496
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.2 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 36.440 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:252 Resp: 421764
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.8
126 6.6 4.7 7.1

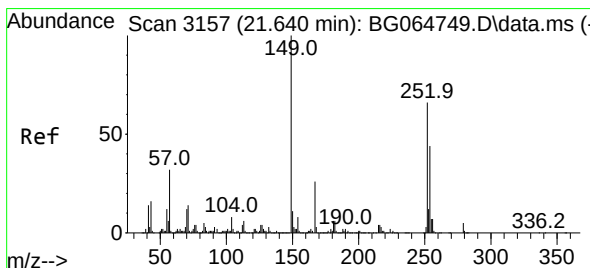
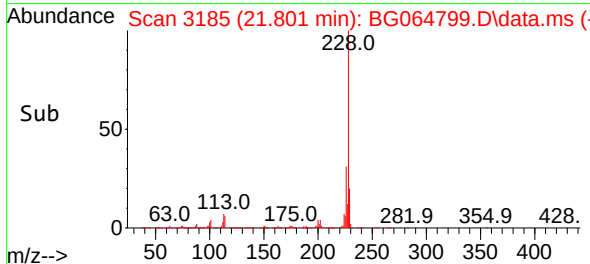
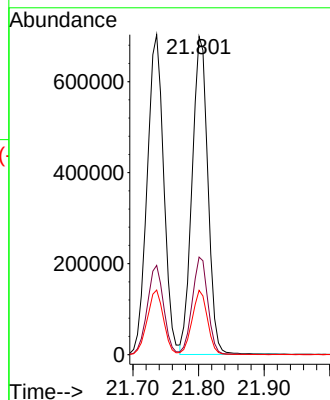
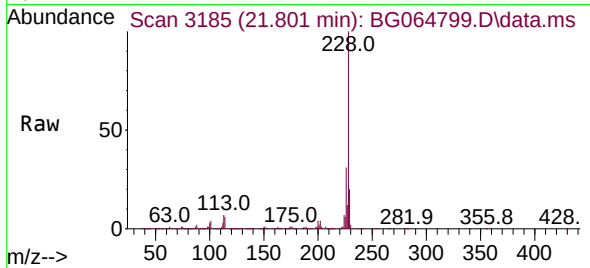




#83
Chrysene
Concen: 39.284 ng
RT: 21.801 min Scan# 3185
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

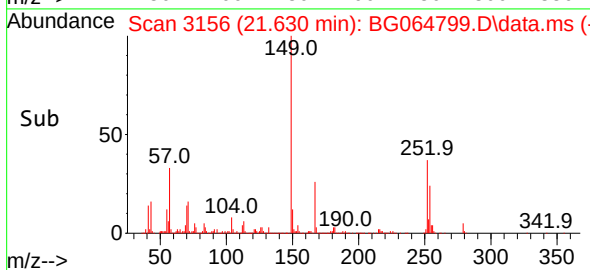
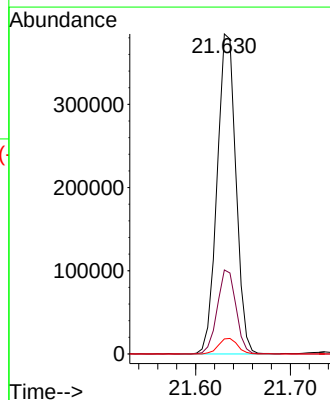
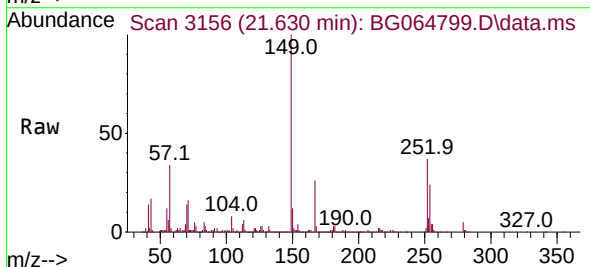
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

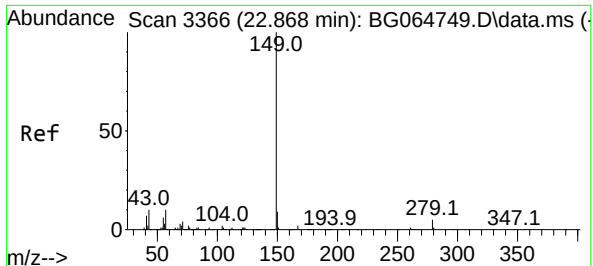
Tgt Ion:228 Resp: 1164626
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 20.2 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.823 ng
RT: 21.630 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:149 Resp: 530522
Ion Ratio Lower Upper
149 100
167 26.2 21.0 31.4
279 4.7 4.1 6.1

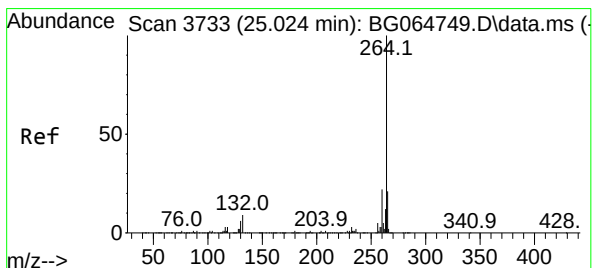
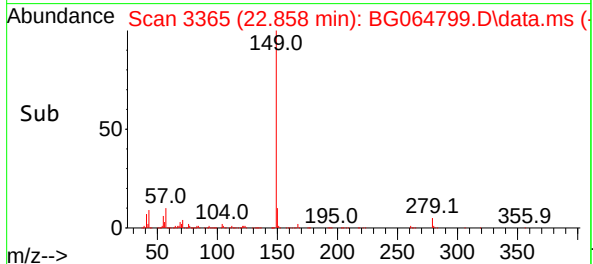
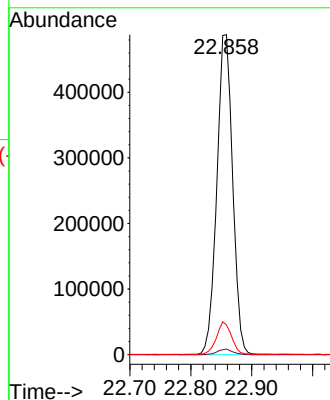
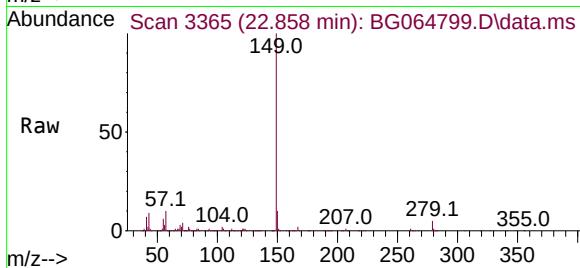




#85
Di-n-octyl phthalate
Concen: 38.222 ng
RT: 22.858 min Scan# 3365
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

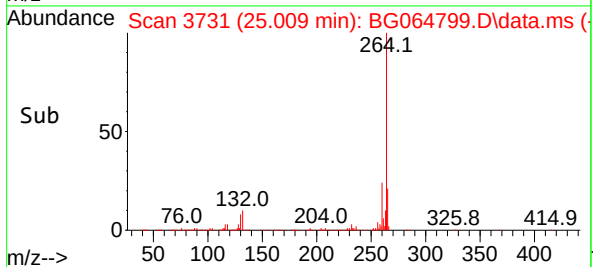
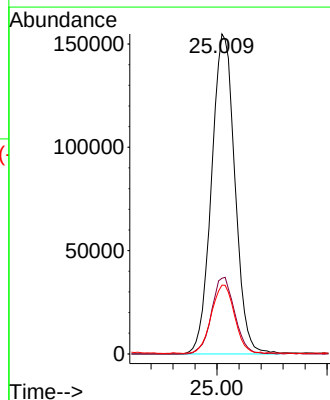
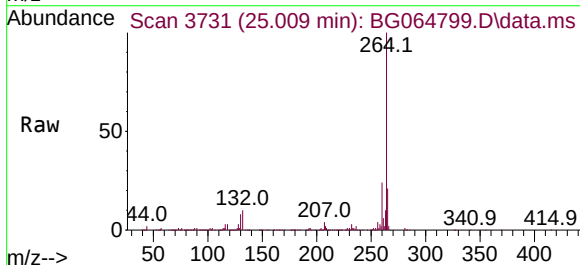
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

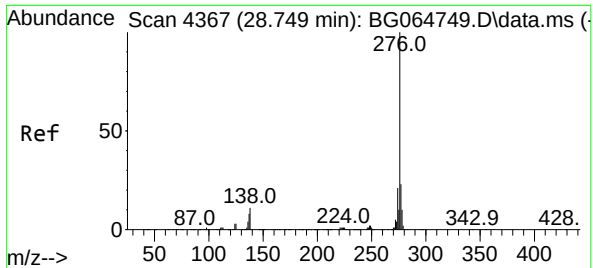
Tgt Ion:149 Resp: 880187
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:264 Resp: 455207
Ion Ratio Lower Upper
264 100
260 23.6 17.2 25.8
265 21.5 16.6 25.0

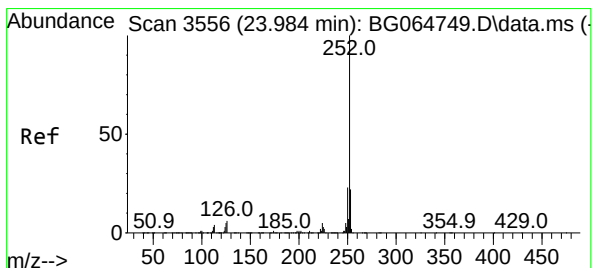
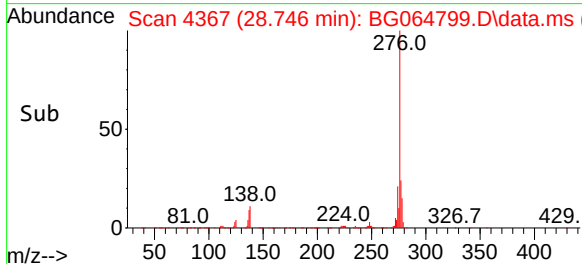
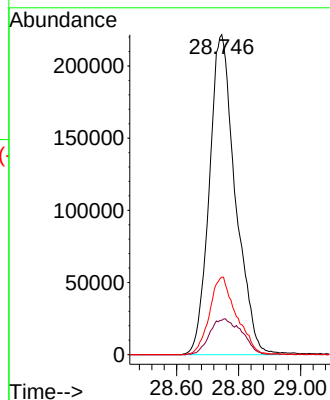
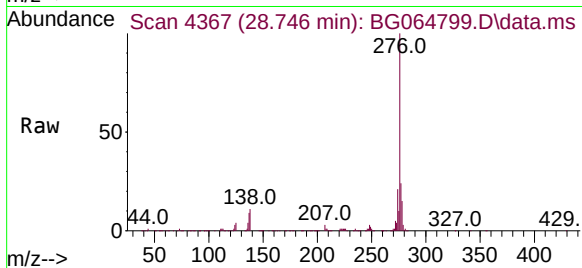




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.337 ng
RT: 28.746 min Scan# 4367
Delta R.T. -0.003 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

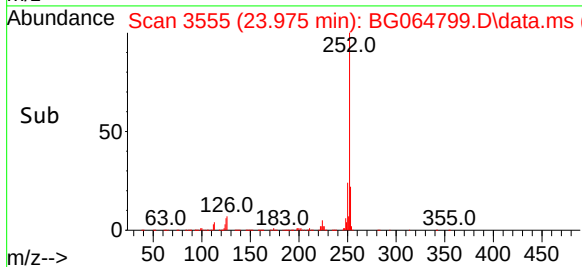
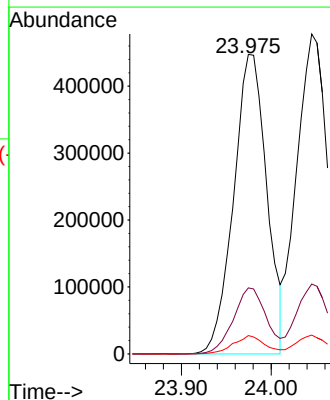
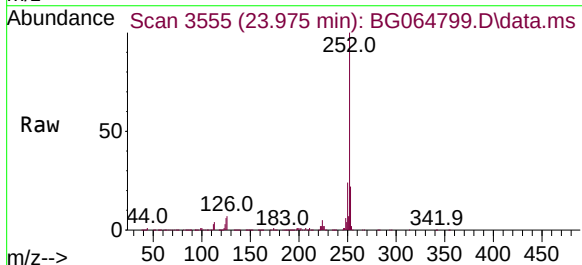
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

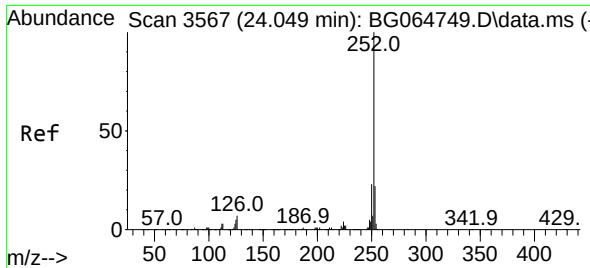
Tgt Ion:276 Resp: 1292789
Ion Ratio Lower Upper
276 100
138 13.8 4.5 6.7#
277 25.0 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 39.742 ng
RT: 23.975 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:252 Resp: 1151279
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 6.1 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 40.139 ng

RT: 24.045 min Scan# 3567

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

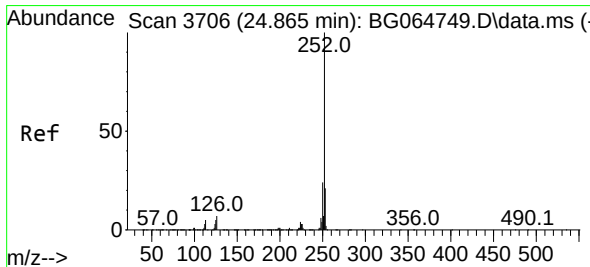
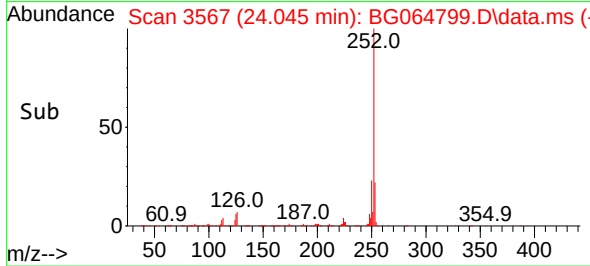
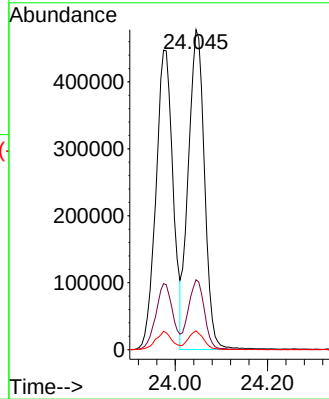
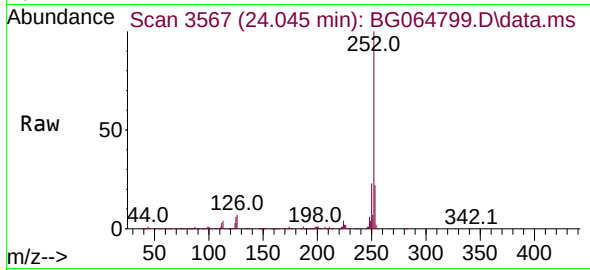
Tgt Ion:252 Resp: 1168193

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 5.9 4.1 6.1



#90

Benzo(a)pyrene

Concen: 39.600 ng

RT: 24.862 min Scan# 3706

Delta R.T. -0.003 min

Lab File: BG064799.D

Acq: 18 Nov 2025 12:10

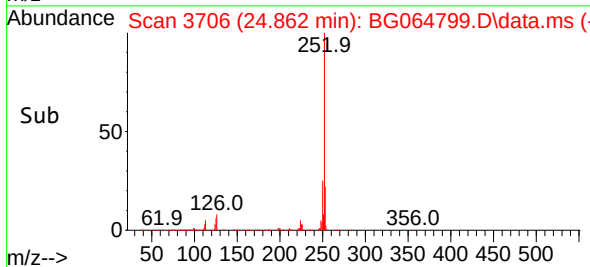
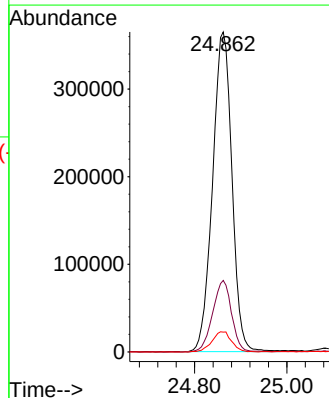
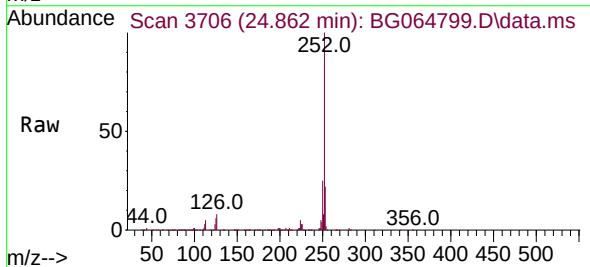
Tgt Ion:252 Resp: 1064131

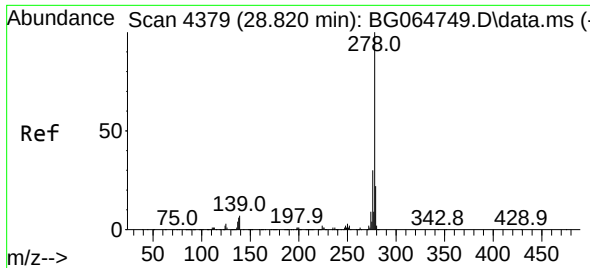
Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

125 6.2 4.2 6.4

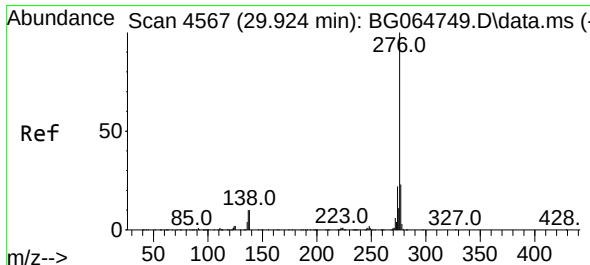
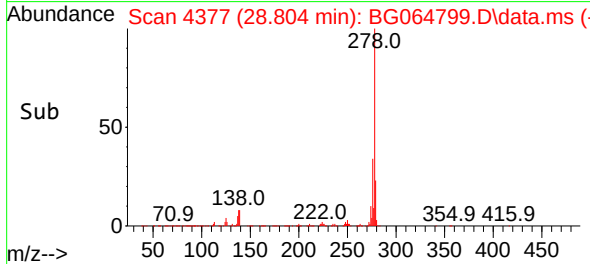
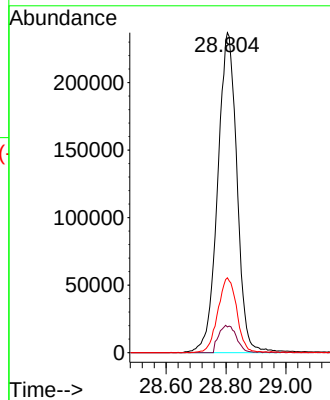
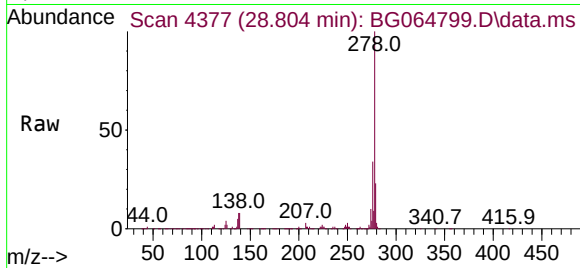




#91
Dibenzo(a,h)anthracene
Concen: 41.520 ng
RT: 28.804 min Scan# 4379
Delta R.T. -0.015 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

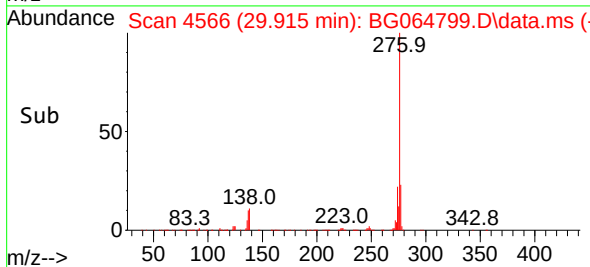
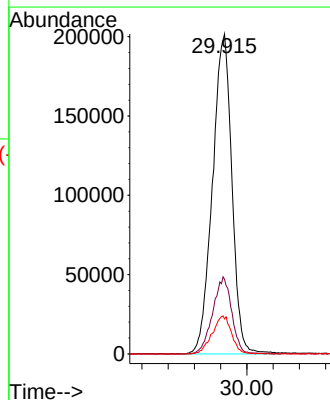
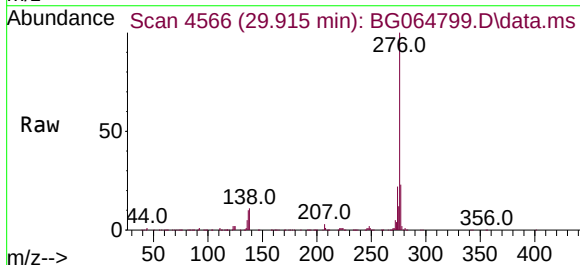
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1063773
Ion Ratio Lower Upper
278 100
139 8.0 5.8 8.8
279 23.4 17.3 25.9



#92
Benzo(g,h,i)perylene
Concen: 41.971 ng
RT: 29.915 min Scan# 4566
Delta R.T. -0.009 min
Lab File: BG064799.D
Acq: 18 Nov 2025 12:10

Tgt Ion:276 Resp: 1034901
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 10.9 8.2 12.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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	161#	0.00
2	1,4-Dioxane	0.443	0.411	7.2	142	0.00
3	Pyridine	1.321	1.291	2.3	153#	0.00
4	n-Nitrosodimethylamine	0.672	0.604	10.1	142	0.00
5 S	2-Fluorophenol	1.145	1.128	1.5	156#	0.00
6	Aniline	2.030	2.030	0.0	155#	0.00
7 S	Phenol-d6	1.523	1.523	0.0	156#	0.00
8	2-Chlorophenol	1.258	1.269	-0.9	157#	0.00
9	Benzaldehyde	0.997	0.912	8.5	143	0.00
10 C	Phenol	1.657	1.689	-1.9	159#	0.00
11	bis(2-Chloroethyl)ether	1.179	1.233	-4.6	161#	0.00
12	1,3-Dichlorobenzene	1.447	1.436	0.8	155#	0.00
13 C	1,4-Dichlorobenzene	1.474	1.455	1.3	156#	0.00
14	1,2-Dichlorobenzene	1.429	1.420	0.6	155#	0.00
15	Benzyl Alcohol	1.250	1.236	1.1	153#	0.00
16	2,2'-oxybis(1-Chloropropane	2.792	2.561	8.3	146	0.00
17	2-Methylphenol	1.173	1.178	-0.4	156#	0.00
18	Hexachloroethane	0.558	0.526	5.7	151#	0.00
19 P	n-Nitroso-di-n-propylamine	1.030	1.047	-1.7	154#	0.00
20	3+4-Methylphenols	1.607	1.588	1.2	155#	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	156#	0.00
22	Acetophenone	0.545	0.562	-3.1	156#	0.00
23 S	Nitrobenzene-d5	0.405	0.405	0.0	152#	0.00
24	Nitrobenzene	0.409	0.420	-2.7	158#	0.00
25	Isophorone	0.770	0.766	0.5	156#	0.00
26 C	2-Nitrophenol	0.184	0.195	-6.0	158#	0.00
27	2,4-Dimethylphenol	0.327	0.336	-2.8	158#	0.00
28	bis(2-Chloroethoxy)methane	0.423	0.444	-5.0	163#	0.00
29 C	2,4-Dichlorophenol	0.351	0.366	-4.3	157#	0.00
30	1,2,4-Trichlorobenzene	0.423	0.421	0.5	155#	0.00
31	Naphthalene	1.134	1.122	1.1	153#	0.00
32	Benzoic acid	0.205	0.217	-5.9	166#	0.01
33	4-Chloroaniline	0.454	0.472	-4.0	156#	0.00
34 C	Hexachlorobutadiene	0.363	0.353	2.8	150#	0.00
35	Caprolactam	0.105	0.115	-9.5	175#	0.00
36 C	4-Chloro-3-methylphenol	0.390	0.405	-3.8	162#	0.00
37	2-Methylnaphthalene	0.848	0.836	1.4	155#	0.00
38	1-Methylnaphthalene	0.843	0.828	1.8	155#	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	157#	0.00
40	1,2,4,5-Tetrachlorobenzene	0.778	0.756	2.8	152#	0.00
41 P	Hexachlorocyclopentadiene	0.558	0.528	5.4	148	0.00
42 S	2,4,6-Tribromophenol	0.390	0.387	0.8	158#	0.00
43 C	2,4,6-Trichlorophenol	0.457	0.464	-1.5	157#	0.00
44	2,4,5-Trichlorophenol	0.512	0.515	-0.6	155#	0.00
45 S	2-Fluorobiphenyl	1.433	1.382	3.6	153#	0.00
46	1,1'-Biphenyl	1.436	1.390	3.2	153#	0.00
47	2-Chloronaphthalene	1.132	1.114	1.6	156#	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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	0.364	0.381	-4.7	161#	0.00
49	Acenaphthylene	1.933	1.911	1.1	156#	0.00
50	Dimethylphthalate	1.580	1.559	1.3	158#	0.00
51	2,6-Dinitrotoluene	0.304	0.313	-3.0	161#	0.00
52 C	Acenaphthene	1.159	1.177	-1.6	159#	0.00
53	3-Nitroaniline	0.300	0.325	-8.3	167#	0.00
54 P	2,4-Dinitrophenol	0.158	0.190	-20.3	177#	0.00
55	Dibenzofuran	1.916	1.888	1.5	159#	0.00
56 P	4-Nitrophenol	0.238	0.263	-10.5	171#	0.00
57	2,4-Dinitrotoluene	0.456	0.484	-6.1	165#	0.00
58	Fluorene	1.503	1.464	2.6	157#	0.00
59	2,3,4,6-Tetrachlorophenol	0.506	0.533	-5.3	167#	0.00
60	Diethylphthalate	1.513	1.534	-1.4	162#	0.00
61	4-Chlorophenyl-phenylether	0.902	0.892	1.1	159#	0.00
62	4-Nitroaniline	0.311	0.348	-11.9	171#	0.00
63	Azobenzene	1.259	1.262	-0.2	161#	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	159#	0.00
65	4,6-Dinitro-2-methylphenol	0.111	0.127	-14.4	173#	0.00
66 c	n-Nitrosodiphenylamine	0.524	0.537	-2.5	159#	0.00
67	4-Bromophenyl-phenylether	0.263	0.264	-0.4	156#	0.00
68	Hexachlorobenzene	0.318	0.315	0.9	157#	0.00
69	Atrazine	0.253	0.253	0.0	159#	0.00
70 C	Pentachlorophenol	0.157	0.186	-18.5	185#	0.00
71	Phenanthrene	1.094	1.106	-1.1	160#	0.00
72	Anthracene	1.116	1.131	-1.3	162#	0.00
73	Carbazole	0.959	0.965	-0.6	158#	0.00
74	Di-n-butylphthalate	1.070	1.097	-2.5	162#	0.00
75 C	Fluoranthene	1.496	1.451	3.0	155#	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	140	0.00
77	Benzydine	0.599	0.507	15.4	127	0.00
78	Pyrene	1.121	1.228	-9.5	155#	0.00
79 S	Terphenyl-d14	1.017	1.058	-4.0	147	0.00
80	Butylbenzylphthalate	0.394	0.421	-6.9	151#	0.00
81	Benzo(a)anthracene	1.360	1.329	2.3	135	0.00
82	3,3'-Dichlorobenzidine	0.501	0.456	9.0	124	0.00
83	Chrysene	1.282	1.259	1.8	135	0.00
84	Bis(2-ethylhexyl)phthalate	0.576	0.574	0.3	138	0.00
85 c	Di-n-octyl phthalate	0.996	0.952	4.4	129	0.00
86 I	Perylene-d12	1.000	1.000	0.0	122	-0.02
87	Indeno(1,2,3-cd)pyrene	1.374	1.420	-3.3	124	0.00
88	Benzo(b)fluoranthene	1.273	1.265	0.6	120	0.00
89	Benzo(k)fluoranthene	1.279	1.283	-0.3	125	0.00
90 C	Benzo(a)pyrene	1.181	1.169	1.0	120	0.00
91	Dibenzo(a,h)anthracene	1.126	1.168	-3.7	124	-0.02
92	Benzo(g,h,i)perylene	1.083	1.137	-5.0	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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	161	0.00
2	1,4-Dioxane	40.000	37.051	7.4	142	0.00
3	Pyridine	40.000	39.101	2.2	153	0.00
4	n-Nitrosodimethylamine	40.000	35.909	10.2	142	0.00
5 S	2-Fluorophenol	80.000	78.759	1.6	156	0.00
6	Aniline	40.000	39.994	0.0	155	0.00
7 S	Phenol-d6	80.000	79.975	0.0	156	0.00
8	2-Chlorophenol	40.000	40.371	-0.9	157	0.00
9	Benzaldehyde	40.000	36.596	8.5	143	0.00
10 C	Phenol	40.000	40.771	-1.9	159	0.00
11	bis(2-Chloroethyl)ether	40.000	41.807	-4.5	161	0.00
12	1,3-Dichlorobenzene	40.000	39.686	0.8	155	0.00
13 C	1,4-Dichlorobenzene	40.000	39.509	1.2	156	0.00
14	1,2-Dichlorobenzene	40.000	39.742	0.6	155	0.00
15	Benzyl Alcohol	40.000	39.543	1.1	153	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	36.692	8.3	146	0.00
17	2-Methylphenol	40.000	40.183	-0.5	156	0.00
18	Hexachloroethane	40.000	37.692	5.8	151	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.675	-1.7	154	0.00
20	3+4-Methylphenols	40.000	39.529	1.2	155	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	156	0.00
22	Acetophenone	40.000	41.249	-3.1	156	0.00
23 S	Nitrobenzene-d5	80.000	80.006	-0.0	152	0.00
24	Nitrobenzene	40.000	41.133	-2.8	158	0.00
25	Isophorone	40.000	39.776	0.6	156	0.00
26 C	2-Nitrophenol	40.000	42.526	-6.3	158	0.00
27	2,4-Dimethylphenol	40.000	41.107	-2.8	158	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.964	-4.9	163	0.00
29 C	2,4-Dichlorophenol	40.000	41.729	-4.3	157	0.00
30	1,2,4-Trichlorobenzene	40.000	39.774	0.6	155	0.00
31	Naphthalene	40.000	39.598	1.0	153	0.00
32	Benzoic acid	40.000	38.885	2.8	166	0.01
33	4-Chloroaniline	40.000	41.653	-4.1	156	0.00
34 C	Hexachlorobutadiene	40.000	38.855	2.9	150	0.00
35	Caprolactam	40.000	44.045	-10.1	175	0.00
36 C	4-Chloro-3-methylphenol	40.000	41.541	-3.9	162	0.00
37	2-Methylnaphthalene	40.000	39.410	1.5	155	0.00
38	1-Methylnaphthalene	40.000	39.290	1.8	155	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	157	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	38.840	2.9	152	0.00
41 P	Hexachlorocyclopentadiene	40.000	37.821	5.4	148	0.00
42 S	2,4,6-Tribromophenol	80.000	79.437	0.7	158	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.613	-1.5	157	0.00
44	2,4,5-Trichlorophenol	40.000	40.168	-0.4	155	0.00
45 S	2-Fluorobiphenyl	80.000	77.118	3.6	153	0.00
46	1,1'-Biphenyl	40.000	38.705	3.2	153	0.00
47	2-Chloronaphthalene	40.000	39.376	1.6	156	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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	41.911	-4.8	161	0.00
49	Acenaphthylene	40.000	39.541	1.1	156	0.00
50	Dimethylphthalate	40.000	39.472	1.3	158	0.00
51	2,6-Dinitrotoluene	40.000	41.173	-2.9	161	0.00
52 C	Acenaphthene	40.000	40.611	-1.5	159	0.00
53	3-Nitroaniline	40.000	43.322	-8.3	167	0.00
54 P	2,4-Dinitrophenol	40.000	41.231	-3.1	177	0.00
55	Dibenzofuran	40.000	39.408	1.5	159	0.00
56 P	4-Nitrophenol	40.000	44.204	-10.5	171	0.00
57	2,4-Dinitrotoluene	40.000	42.493	-6.2	165	0.00
58	Fluorene	40.000	38.971	2.6	157	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	42.191	-5.5	167	0.00
60	Diethylphthalate	40.000	40.532	-1.3	162	0.00
61	4-Chlorophenyl-phenylether	40.000	39.560	1.1	159	0.00
62	4-Nitroaniline	40.000	44.822	-12.1	171	0.00
63	Azobenzene	40.000	40.098	-0.2	161	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	159	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.644	-14.1	173	0.00
66 c	n-Nitrosodiphenylamine	40.000	40.965	-2.4	159	0.00
67	4-Bromophenyl-phenylether	40.000	40.163	-0.4	156	0.00
68	Hexachlorobenzene	40.000	39.648	0.9	157	0.00
69	Atrazine	40.000	40.007	-0.0	159	0.00
70 C	Pentachlorophenol	40.000	42.710	-6.8	185	0.00
71	Phenanthrene	40.000	40.417	-1.0	160	0.00
72	Anthracene	40.000	40.530	-1.3	162	0.00
73	Carbazole	40.000	40.235	-0.6	158	0.00
74	Di-n-butylphthalate	40.000	40.989	-2.5	162	0.00
75 C	Fluoranthene	40.000	38.785	3.0	155	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	140	0.00
77	Benzidine	40.000	33.884	15.3	127	0.00
78	Pyrene	40.000	43.830	-9.6	155	0.00
79 S	Terphenyl-d14	80.000	83.233	-4.0	147	0.00
80	Butylbenzylphthalate	40.000	42.685	-6.7	151	0.00
81	Benzo(a)anthracene	40.000	39.099	2.3	135	0.00
82	3,3'-Dichlorobenzidine	40.000	36.440	8.9	124	0.00
83	Chrysene	40.000	39.284	1.8	135	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.823	0.4	138	0.00
85 c	Di-n-octyl phthalate	40.000	38.222	4.4	129	0.00
86 I	Perylene-d12	20.000	20.000	0.0	122	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	41.337	-3.3	124	0.00
88	Benzo(b)fluoranthene	40.000	39.742	0.6	120	0.00
89	Benzo(k)fluoranthene	40.000	40.139	-0.3	125	0.00
90 C	Benzo(a)pyrene	40.000	39.600	1.0	120	0.00
91	Dibenzo(a,h)anthracene	40.000	41.520	-3.8	124	-0.02
92	Benzo(g,h,i)perylene	40.000	41.971	-4.9	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 18 12:47:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 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)
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(#) = 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: ALLI03
 Lab Code: ACE SDG No.: Q3483
 Instrument ID: BNA_P Calibration Date/Time: 11/26/2025 14:04
 Lab File ID: BP026190.D Init. Calib. Date(s): 11/18/2025 11/18/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 14:31 21:22
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.246	1.185		-4.9	
Phenol-d6	1.586	1.536		-3.2	
Nitrobenzene-d5	0.352	0.339		-3.7	
2-Fluorobiphenyl	1.365	1.389		1.8	
2,4,6-Tribromophenol	0.259	0.283		9.3	
Atrazine	0.233	0.229		-1.7	
Terphenyl-d14	0.981	0.995		1.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
 Data File : BP026190.D
 Acq On : 26 Nov 2025 14:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	263413	20.000	ng	0.00
21) Naphthalene-d8	10.425	136	1101921	20.000	ng	-0.02
39) Acenaphthene-d10	14.289	164	729934	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1501838	20.000	ng	-0.04
76) Chrysene-d12	21.554	240	1698646	20.000	ng	-0.02
86) Perylene-d12	24.854	264	1917737	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1248456	76.074	ng	0.00
7) Phenol-d6	6.843	99	1618523	77.469	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1493914	77.009	ng	-0.01
42) 2,4,6-Tribromophenol	15.801	330	826370	87.271	ng	-0.04
45) 2-Fluorobiphenyl	12.901	172	4055063	81.419	ng	-0.03
79) Terphenyl-d14	19.842	244	6759101	81.136	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	256101	38.474	ng	97
3) Pyridine	3.614	79	715259	37.182	ng	99
4) n-Nitrosodimethylamine	3.525	42	263457	36.645	ng	98
6) Aniline	6.996	93	1038726	37.655	ng	98
8) 2-Chlorophenol	7.237	128	739094	39.566	ng	98
9) Benzaldehyde	6.813	77	452788	41.356	ng	98
10) Phenol	6.872	94	863743	38.377	ng	99
11) bis(2-Chloroethyl)ether	7.096	93	682788	38.745	ng	97
12) 1,3-Dichlorobenzene	7.555	146	818414	40.666	ng	99
13) 1,4-Dichlorobenzene	7.696	146	818117	40.343	ng	98
14) 1,2-Dichlorobenzene	8.013	146	787199	40.425	ng	99
15) Benzyl Alcohol	7.896	79	574931	37.562	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.184	45	941375	38.036	ng	99
17) 2-Methylphenol	8.102	107	601748	39.275	ng	99
18) Hexachloroethane	8.731	117	295793	40.088	ng	97
19) n-Nitroso-di-n-propyla...	8.460	70	511237	39.388	ng	98
20) 3+4-Methylphenols	8.425	107	819398	38.595	ng	99
22) Acetophenone	8.472	105	1091058	38.955	ng	98
24) Nitrobenzene	8.843	77	760136	38.737	ng	99
25) Isophorone	9.366	82	1493828	38.843	ng	99
26) 2-Nitrophenol	9.543	139	392413	39.520	ng	99
27) 2,4-Dimethylphenol	9.613	122	633851	35.401	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	919252	38.166	ng	99
29) 2,4-Dichlorophenol	10.078	162	720254	40.248	ng	98
30) 1,2,4-Trichlorobenzene	10.290	180	746589	40.970	ng	98
31) Naphthalene	10.478	128	2372932	39.846	ng	99
32) Benzoic acid	9.743	122	510860	33.881	ng	98
33) 4-Chloroaniline	10.578	127	978759	38.647	ng	99
34) Hexachlorobutadiene	10.772	225	493691	41.656	ng	100
35) Caprolactam	11.360	113	248100	38.718	ng	91
36) 4-Chloro-3-methylphenol	11.713	107	755363	39.714	ng	97
37) 2-Methylnaphthalene	12.090	142	1706137	40.411	ng	99
38) 1-Methylnaphthalene	12.313	142	1661885	40.272	ng	99
40) 1,2,4,5-Tetrachloroben...	12.466	216	901725	40.855	ng	99
41) Hexachlorocyclopentadiene	12.454	237	483317	33.460	ng	99
43) 2,4,6-Trichlorophenol	12.707	196	612040	40.449	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
 Data File : BP026190.D
 Acq On : 26 Nov 2025 14:04
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

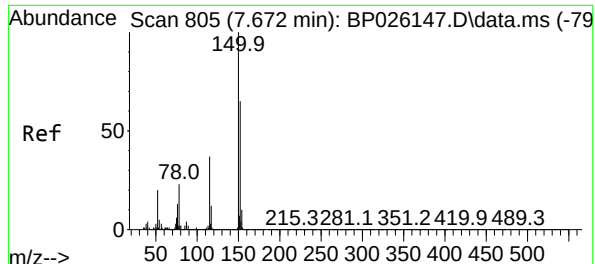
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	694591	41.124	ng	98
46) 1,1'-Biphenyl	13.113	154	2169418	39.470	ng	100
47) 2-Chloronaphthalene	13.154	162	1702157	39.383	ng	99
48) 2-Nitroaniline	13.348	65	450973	37.522	ng	96
49) Acenaphthylene	14.007	152	2839199	39.825	ng	99
50) Dimethylphthalate	13.742	163	2165861	39.727	ng	100
51) 2,6-Dinitrotoluene	13.854	165	446556	41.338	ng	97
52) Acenaphthene	14.354	154	1661341	39.764	ng	99
53) 3-Nitroaniline	14.190	138	488917	38.439	ng	96
54) 2,4-Dinitrophenol	14.395	184	250898	38.476	ng	96
55) Dibenzofuran	14.695	168	2624031	40.551	ng	99
56) 4-Nitrophenol	14.507	139	418838	36.400	ng	97
57) 2,4-Dinitrotoluene	14.654	165	666504	41.321	ng	95
58) Fluorene	15.354	166	2092220	40.906	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.925	232	597629	41.708	ng	98
60) Diethylphthalate	15.137	149	2174197	39.588	ng	100
61) 4-Chlorophenyl-phenyle...	15.354	204	1047106	41.145	ng	96
62) 4-Nitroaniline	15.372	138	491993	37.250	ng	97
63) Azobenzene	15.648	77	1802077	38.915	ng	99
65) 4,6-Dinitro-2-methylph...	15.431	198	376279	39.438	ng	97
66) n-Nitrosodiphenylamine	15.566	169	1842181	39.653	ng	100
67) 4-Bromophenyl-phenylether	16.266	248	688291	41.382	ng	98
68) Hexachlorobenzene	16.384	284	802858	41.599	ng	98
69) Atrazine	16.554	200	688566	39.304	ng	98
70) Pentachlorophenol	16.736	266	555725	41.163	ng	100
71) Phenanthrene	17.142	178	3367094	39.799	ng	100
72) Anthracene	17.231	178	3484195	40.378	ng	100
73) Carbazole	17.513	167	3227979	39.386	ng	100
74) Di-n-butylphthalate	18.119	149	3906329	40.204	ng	100
75) Fluoranthene	19.236	202	4157376	40.445	ng	99
77) Benzidine	19.436	184	1951189	36.195	ng	99
78) Pyrene	19.619	202	4329577	38.873	ng	100
80) Butylbenzylphthalate	20.583	149	1884921	38.429	ng	98
81) Benzo(a)anthracene	21.530	228	4598164	39.415	ng	100
82) 3,3'-Dichlorobenzidine	21.454	252	1598958	37.690	ng	99
83) Chrysene	21.601	228	4355108	39.612	ng	100
84) Bis(2-ethylhexyl)phtha...	21.495	149	2844628	38.312	ng	99
85) Di-n-octyl phthalate	22.771	149	4859112	37.427	ng	98
87) Indeno(1,2,3-cd)pyrene	28.606	276	5979554	41.575	ng	# 93
88) Benzo(b)fluoranthene	23.813	252	4832663	41.380	ng	99
89) Benzo(k)fluoranthene	23.889	252	4745420	40.681	ng	99
90) Benzo(a)pyrene	24.701	252	4489730	40.585	ng	99
91) Dibenzo(a,h)anthracene	28.683	278	4879387	41.444	ng	99
92) Benzo(g,h,i)perylene	29.759	276	4850424	41.449	ng	98

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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

- 1
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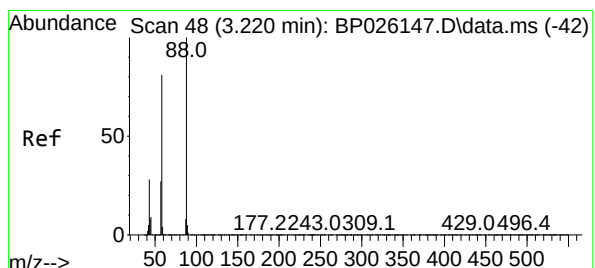
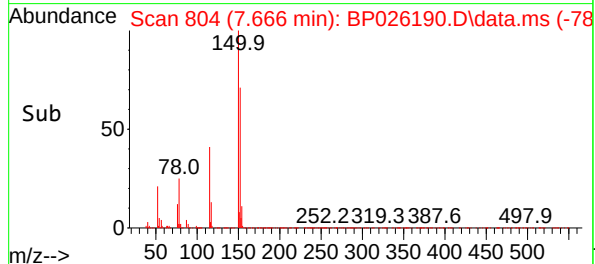
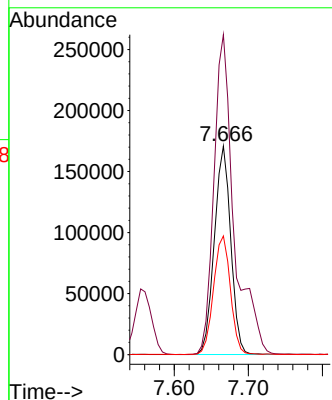
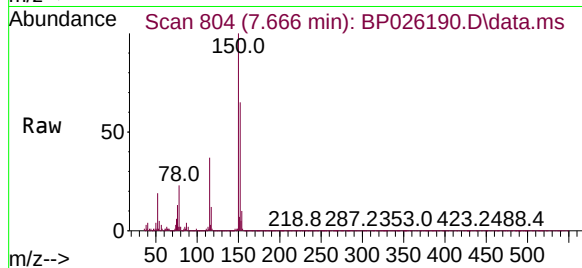




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.666 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

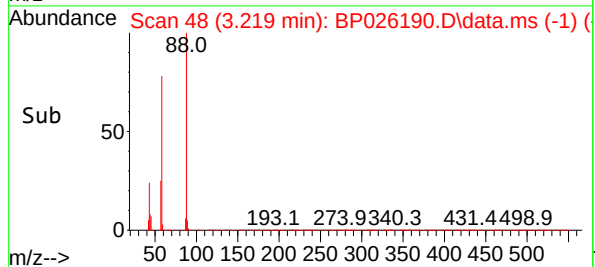
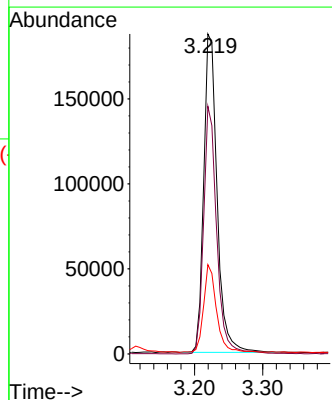
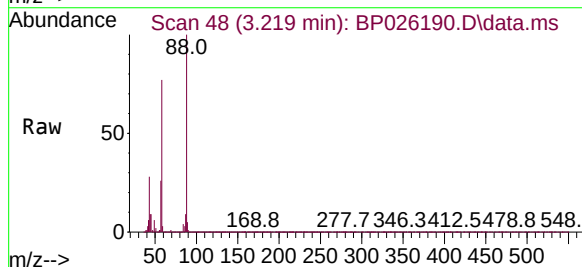
Instrument :
BNA_P
ClientSampleId :
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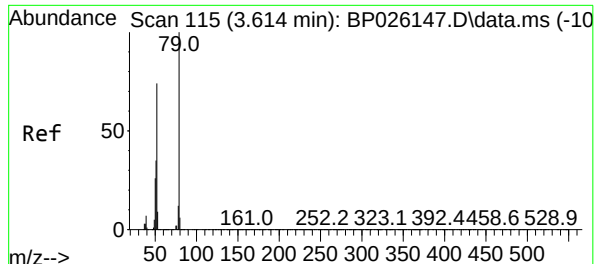
Tgt Ion:152 Resp: 263413
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.6
115 56.9 46.3 69.5



#2
1,4-Dioxane
Concen: 38.474 ng
RT: 3.219 min Scan# 48
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 88 Resp: 256101
Ion Ratio Lower Upper
88 100
58 76.4 64.2 96.4
43 26.6 21.5 32.3

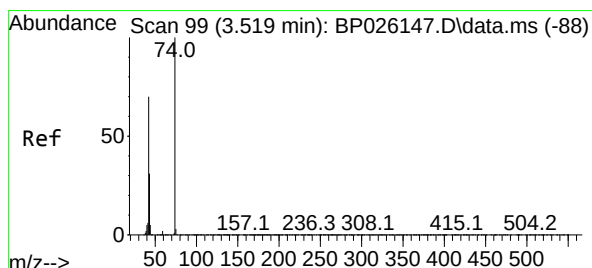
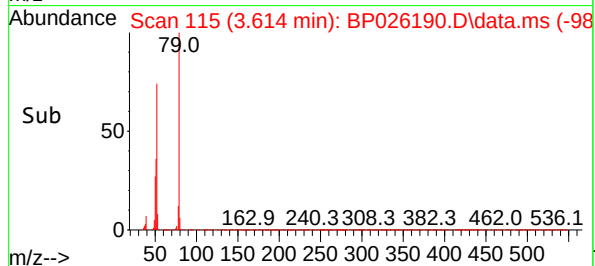
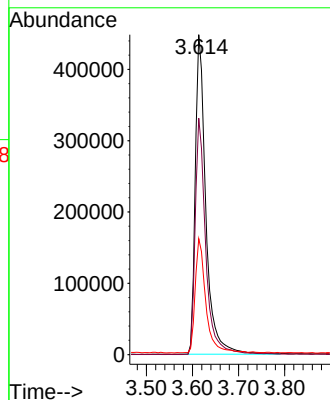
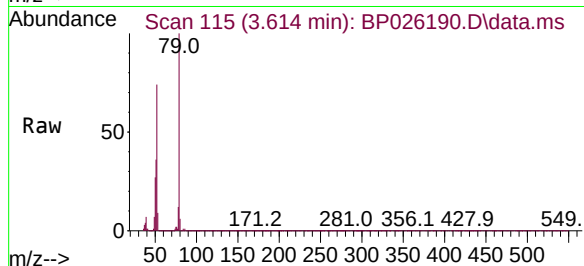




#3
Pyridine
Concen: 37.182 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

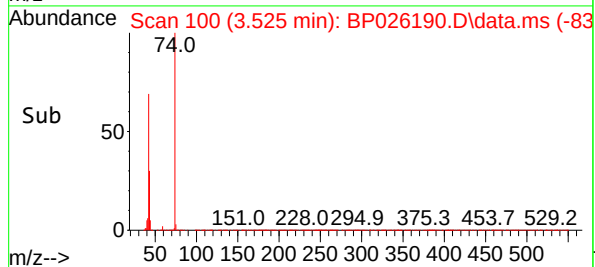
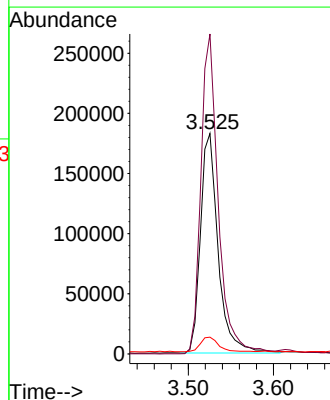
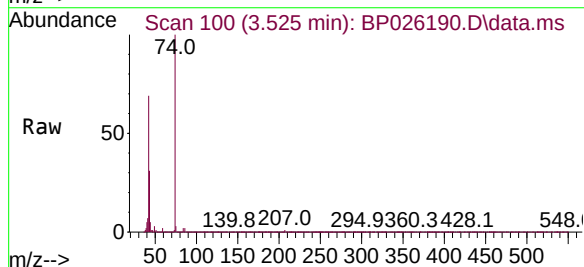
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ClientSampleId :
SSTDCCC040

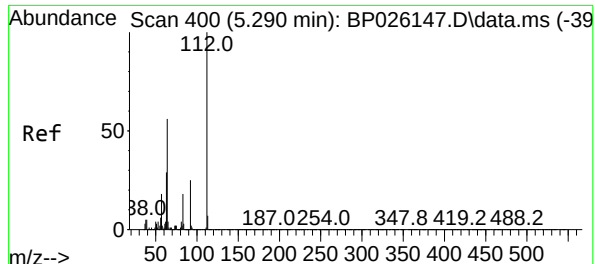
Tgt Ion: 79 Resp: 715259
Ion Ratio Lower Upper
79 100
52 73.9 60.2 90.2
51 36.2 29.5 44.3



#4
n-Nitrosodimethylamine
Concen: 36.645 ng
RT: 3.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 42 Resp: 263457
Ion Ratio Lower Upper
42 100
74 145.2 118.1 177.1
44 7.6 6.2 9.4

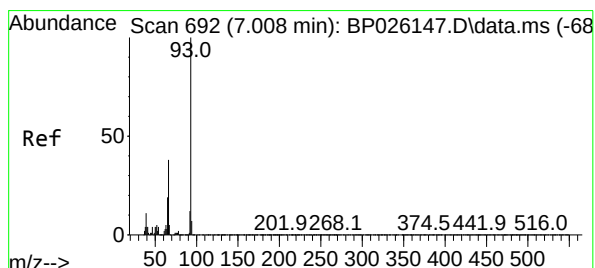
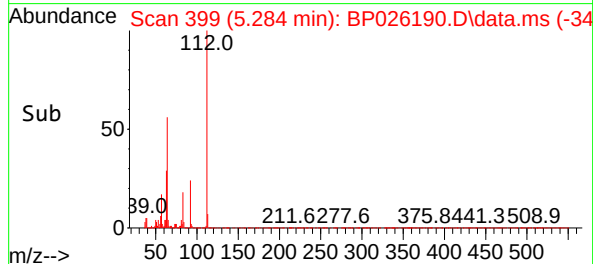
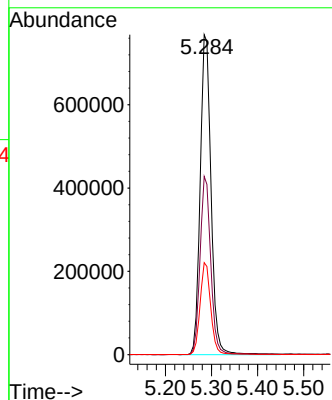
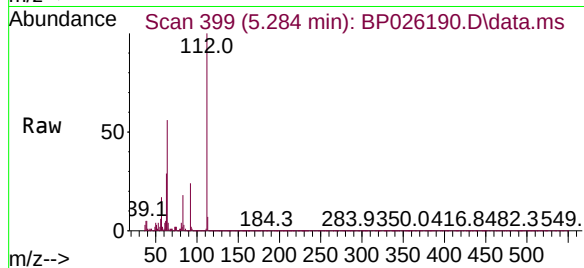




#5
2-Fluorophenol
Concen: 76.074 ng
RT: 5.284 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

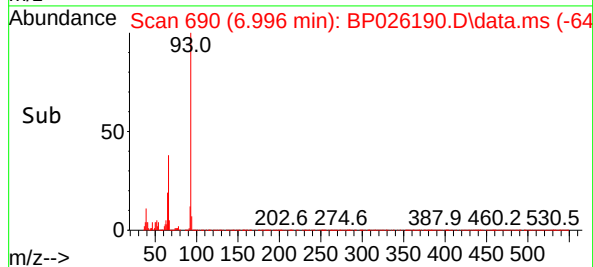
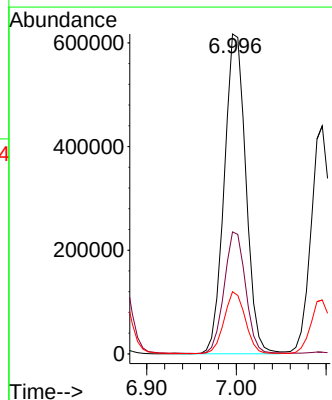
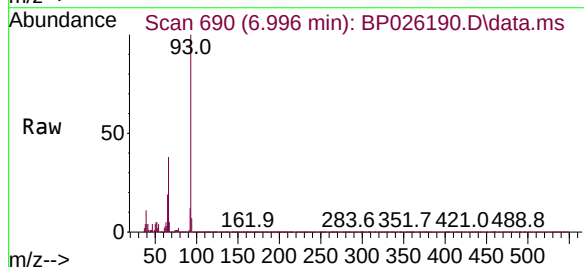
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ClientSampleId :
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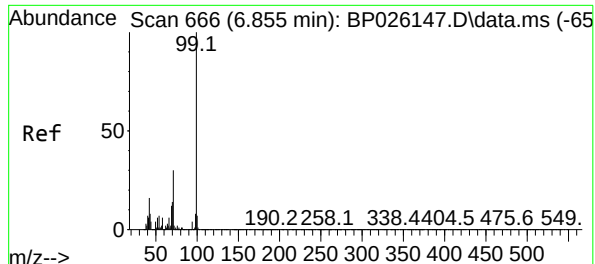
Tgt Ion:112 Resp: 1248456
Ion Ratio Lower Upper
112 100
64 55.7 45.8 68.6
63 28.7 23.5 35.3



#6
Aniline
Concen: 37.655 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 93 Resp: 1038726
Ion Ratio Lower Upper
93 100
66 38.1 31.7 47.5
65 19.4 15.8 23.6

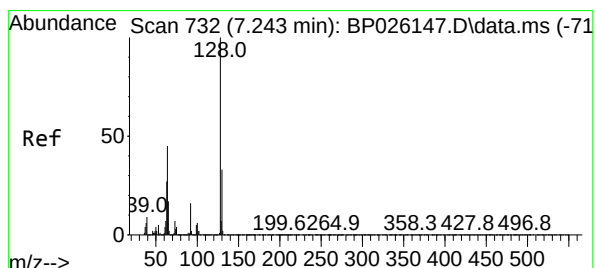
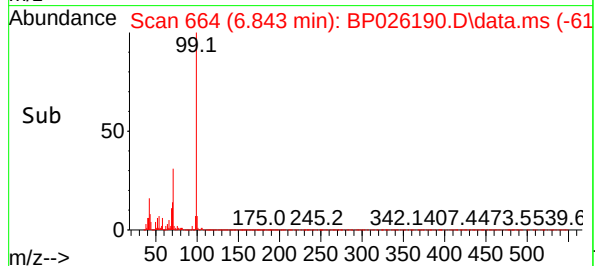
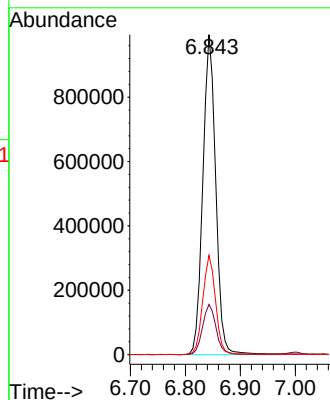
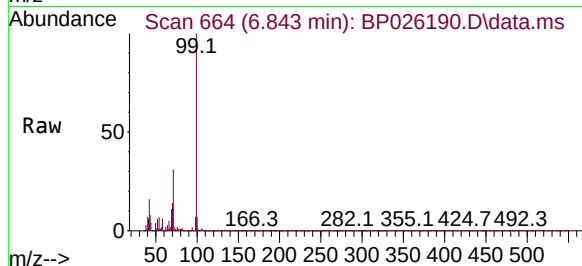




#7
Phenol-d6
Concen: 77.469 ng
RT: 6.843 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

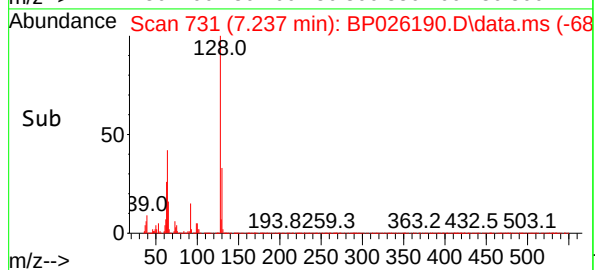
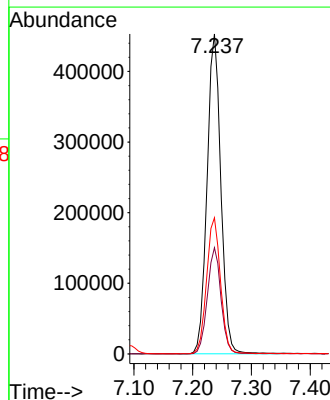
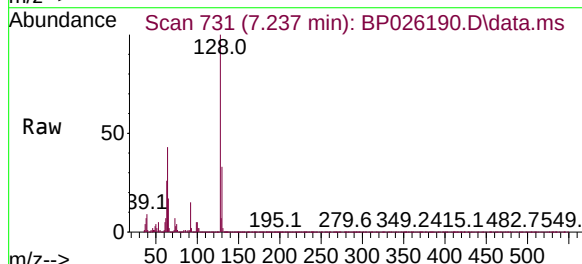
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BNA_P
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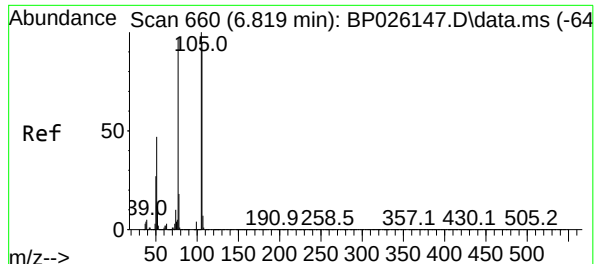
Tgt Ion: 99 Resp: 1618523
Ion Ratio Lower Upper
99 100
42 15.7 12.9 19.3
71 31.0 24.8 37.2



#8
2-Chlorophenol
Concen: 39.566 ng
RT: 7.237 min Scan# 731
Delta R.T. -0.006 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 128 Resp: 739094
Ion Ratio Lower Upper
128 100
130 33.2 12.4 52.4
64 42.5 23.9 63.9





#9

Benzaldehyde

Concen: 41.356 ng

RT: 6.813 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

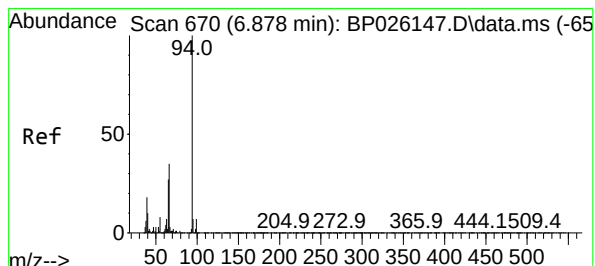
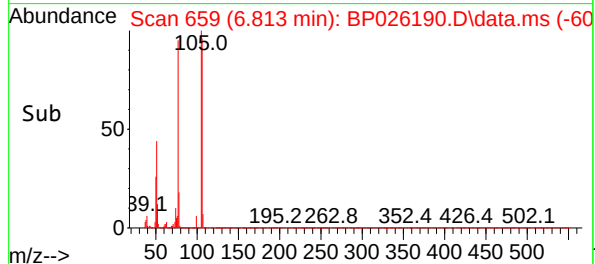
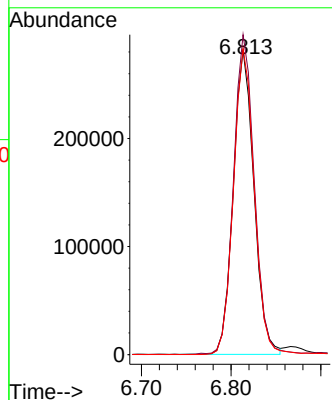
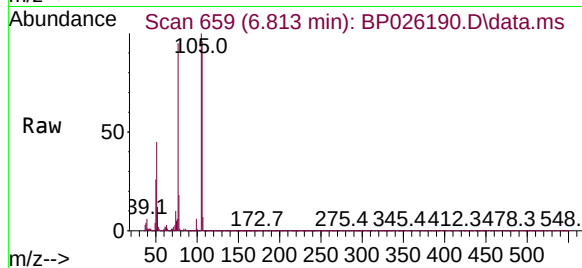
Tgt Ion: 77 Resp: 452788

Ion Ratio Lower Upper

77 100

105 105.1 82.9 122.9

106 100.5 77.8 117.8



#10

Phenol

Concen: 38.377 ng

RT: 6.872 min Scan# 669

Delta R.T. -0.006 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

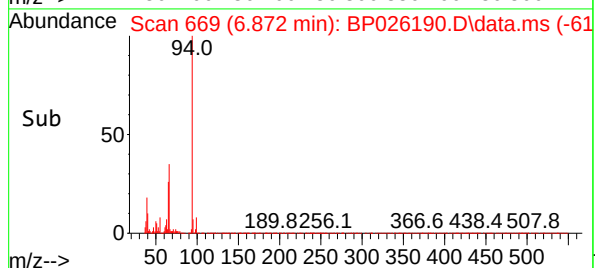
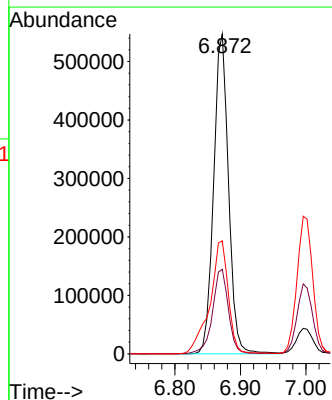
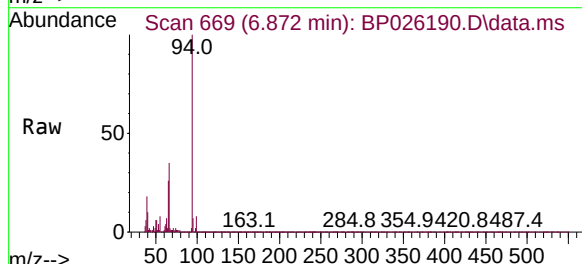
Tgt Ion: 94 Resp: 863743

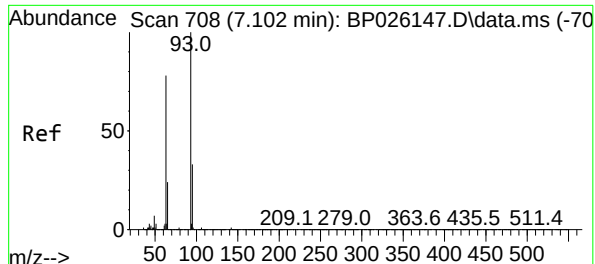
Ion Ratio Lower Upper

94 100

65 26.4 7.0 47.0

66 35.3 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 38.745 ng

RT: 7.096 min Scan# 70

Delta R.T. 0.000 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

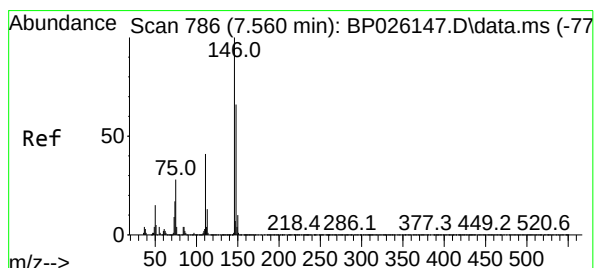
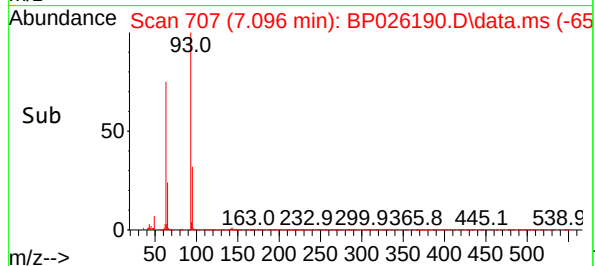
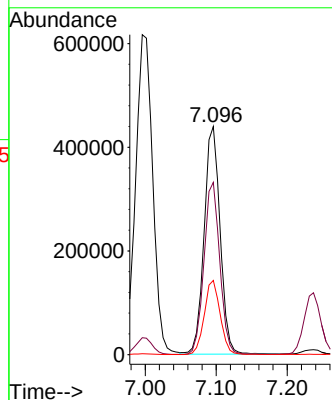
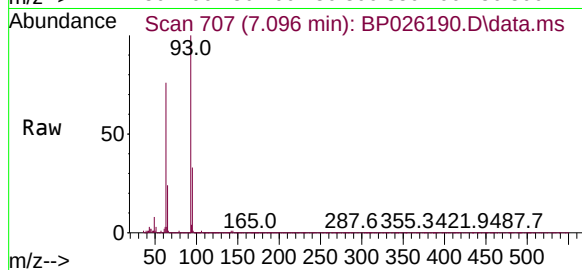
Tgt Ion: 93 Resp: 682788

Ion Ratio Lower Upper

93 100

63 75.5 58.8 98.8

95 32.5 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 40.666 ng

RT: 7.555 min Scan# 785

Delta R.T. -0.012 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

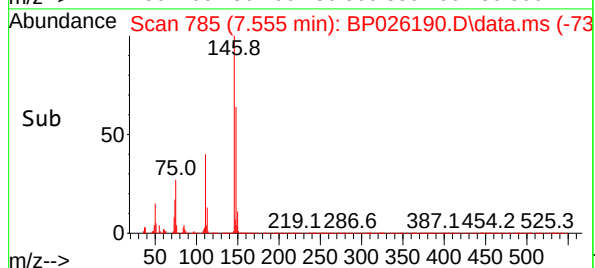
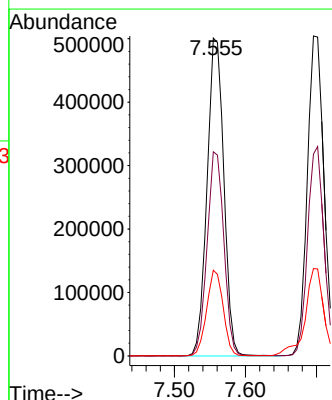
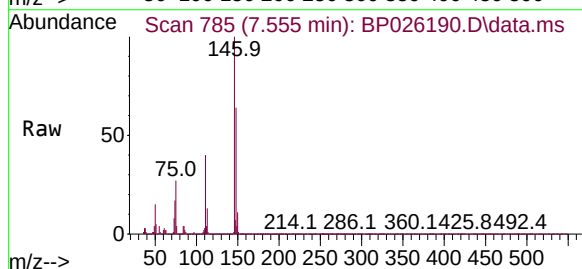
Tgt Ion:146 Resp: 818414

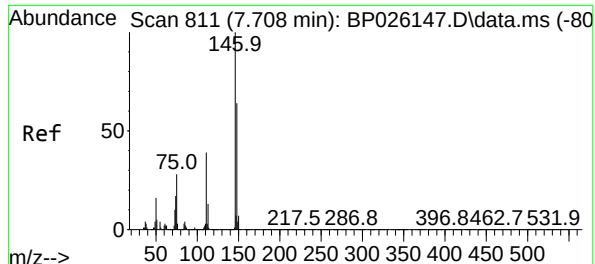
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

75 26.9 22.2 33.2





#13

1,4-Dichlorobenzene

Concen: 40.343 ng

RT: 7.696 min Scan# 80

Delta R.T. -0.006 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

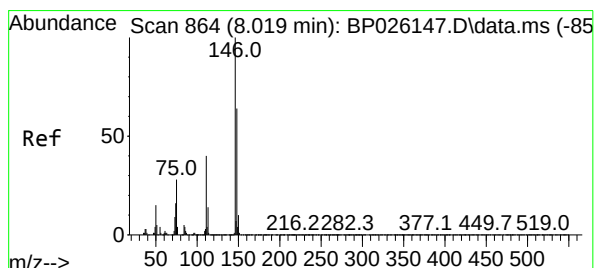
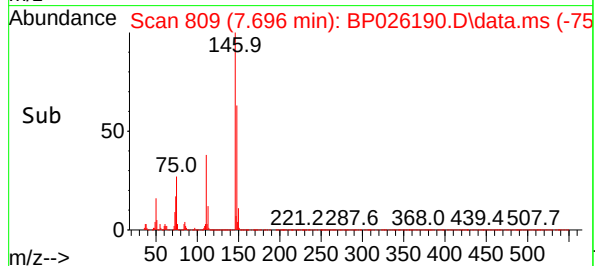
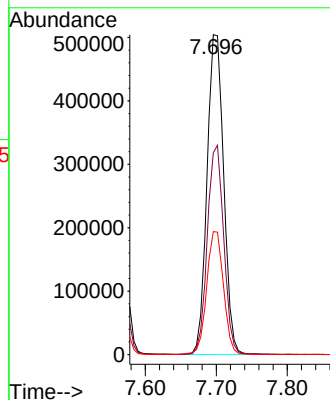
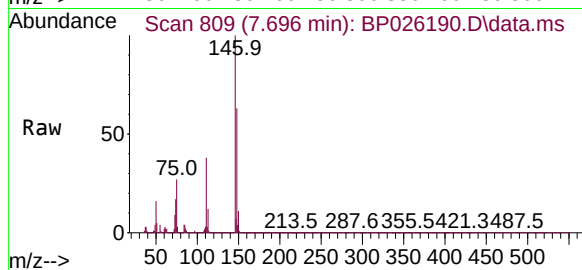
Tgt Ion:146 Resp: 818117

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

111 38.4 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 40.425 ng

RT: 8.013 min Scan# 863

Delta R.T. 0.000 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

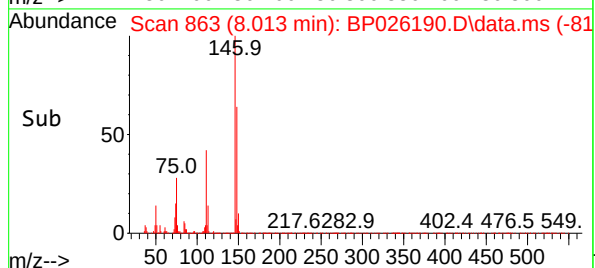
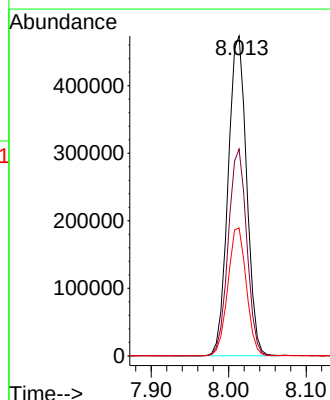
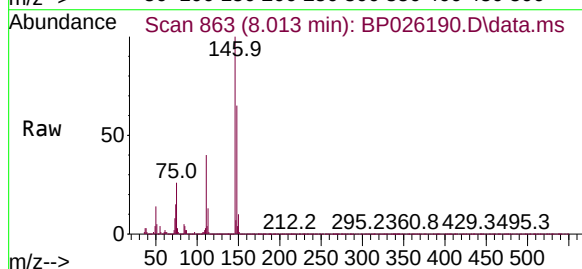
Tgt Ion:146 Resp: 787199

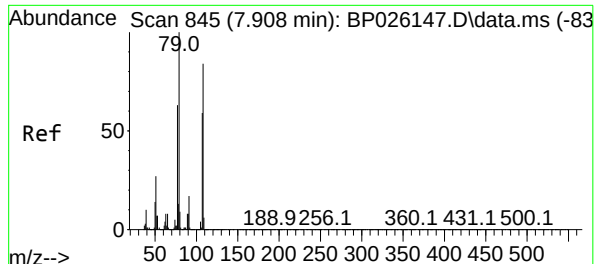
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

111 40.0 33.0 49.4





#15

Benzyl Alcohol

Concen: 37.562 ng

RT: 7.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

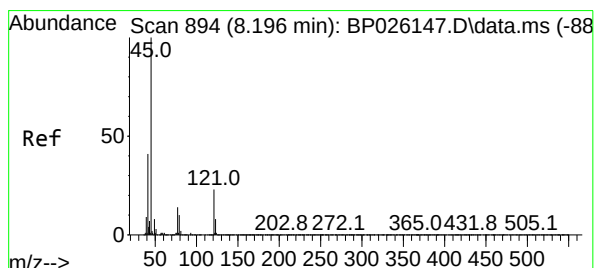
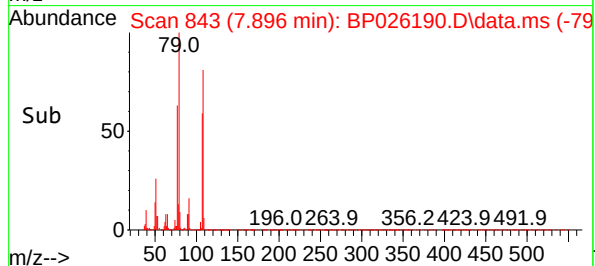
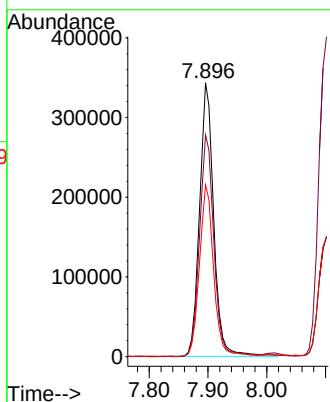
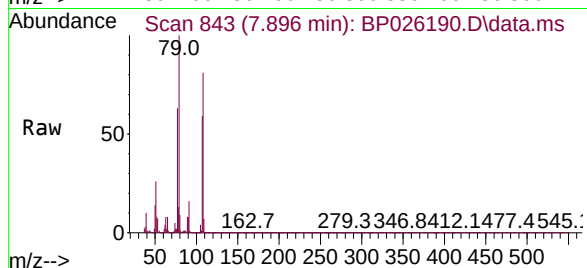
Tgt Ion: 79 Resp: 574931

Ion Ratio Lower Upper

79 100

108 81.0 66.2 99.4

77 62.7 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.036 ng

RT: 8.184 min Scan# 892

Delta R.T. -0.012 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

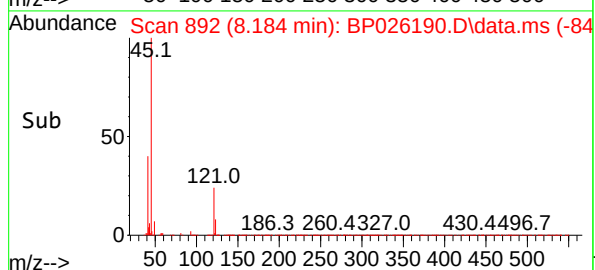
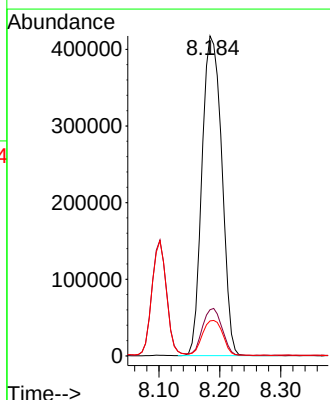
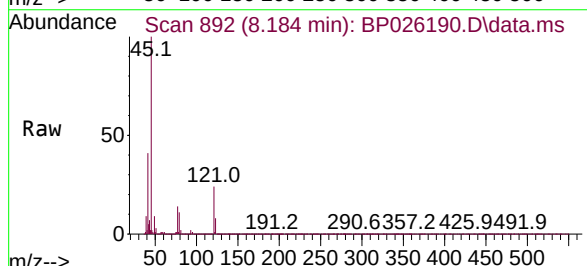
Tgt Ion: 45 Resp: 941375

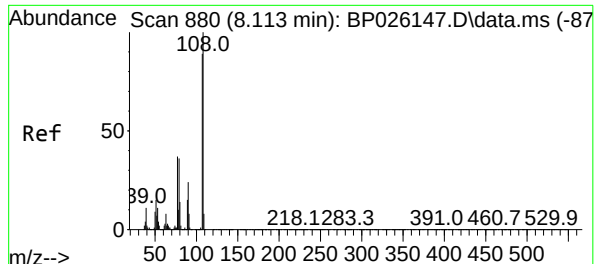
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.9

79 10.9 0.0 30.4





#17

2-Methylphenol

Concen: 39.275 ng

RT: 8.102 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 601748

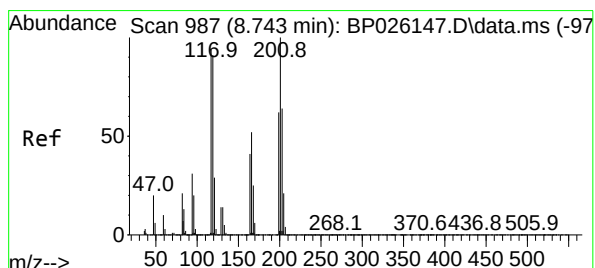
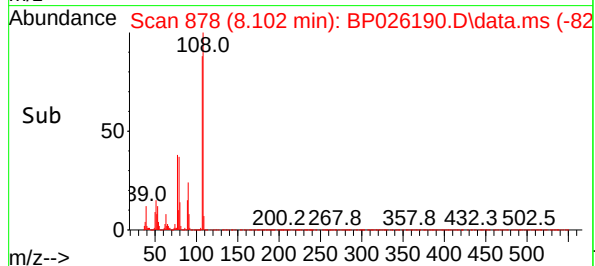
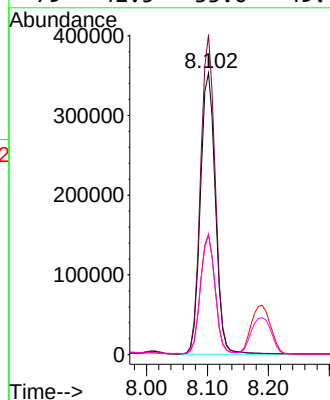
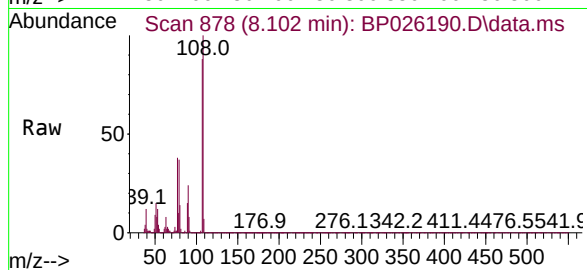
Ion Ratio Lower Upper

107 100

108 113.6 89.7 134.5

77 42.8 33.9 50.9

79 42.5 33.0 49.4



#18

Hexachloroethane

Concen: 40.088 ng

RT: 8.731 min Scan# 985

Delta R.T. -0.012 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

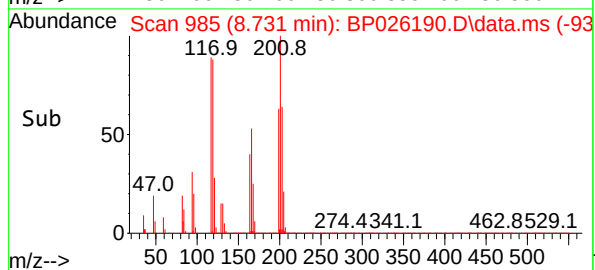
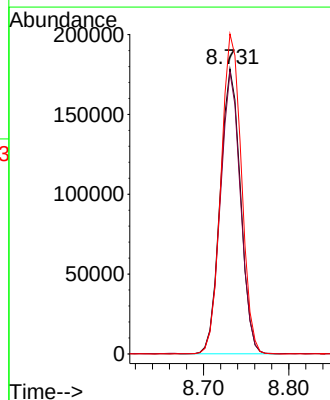
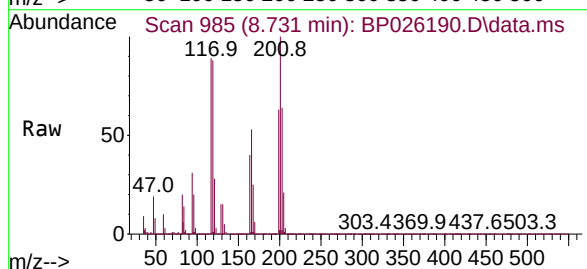
Tgt Ion:117 Resp: 295793

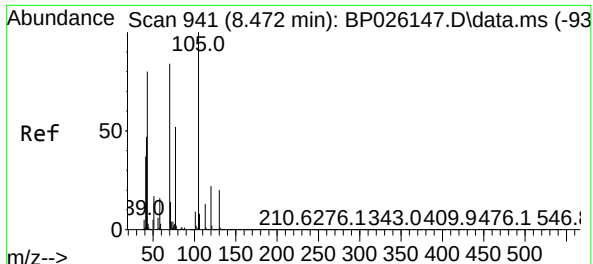
Ion Ratio Lower Upper

117 100

119 98.9 78.7 118.1

201 112.3 85.1 127.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.388 ng

RT: 8.460 min Scan# 939

Delta R.T. -0.012 min

Lab File: BP026190.D

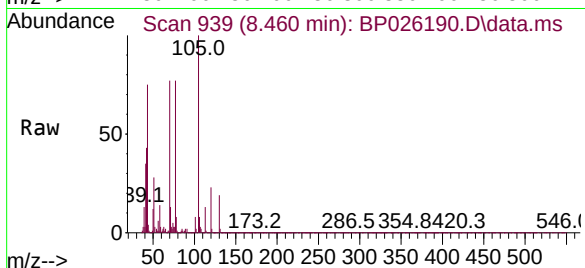
Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 511237

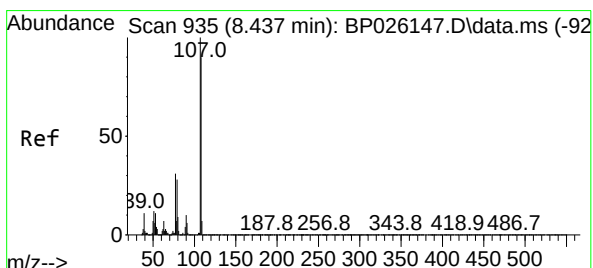
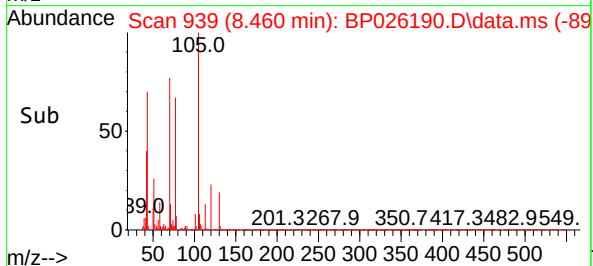
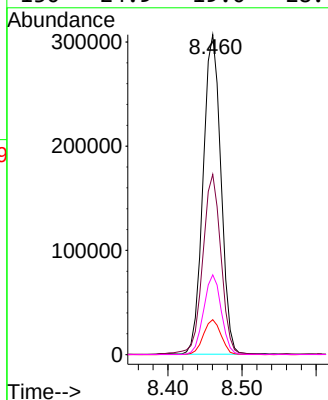
Ion Ratio Lower Upper

70 100

42 56.3 44.1 66.1

101 10.9 8.2 12.4

130 24.9 19.0 28.4



#20

3+4-Methylphenols

Concen: 38.595 ng

RT: 8.425 min Scan# 933

Delta R.T. -0.012 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Tgt Ion: 107 Resp: 819398

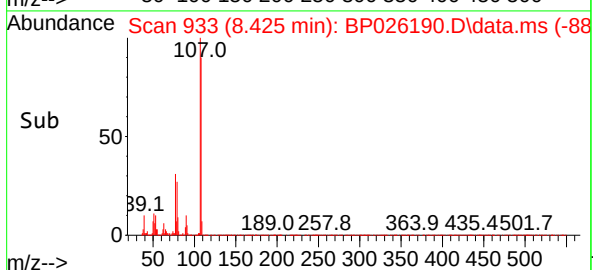
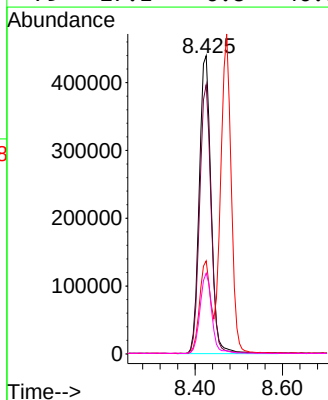
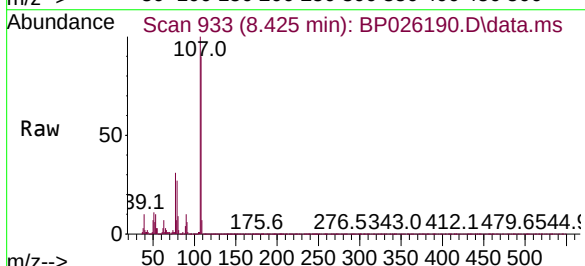
Ion Ratio Lower Upper

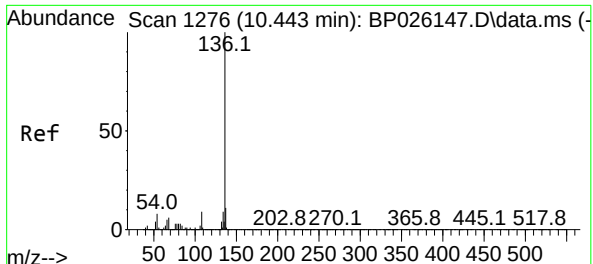
107 100

108 90.2 68.9 108.9

77 31.2 10.4 50.4

79 27.1 6.8 46.8



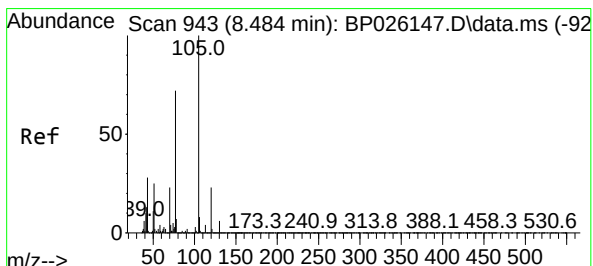
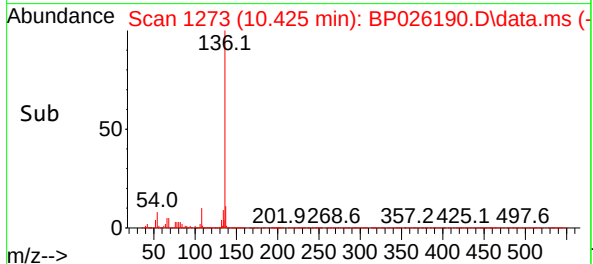
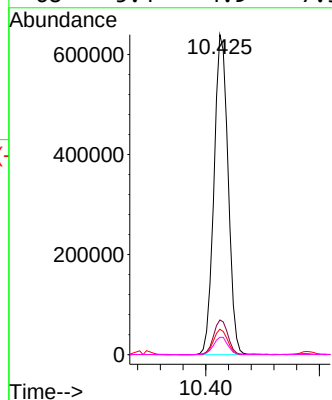
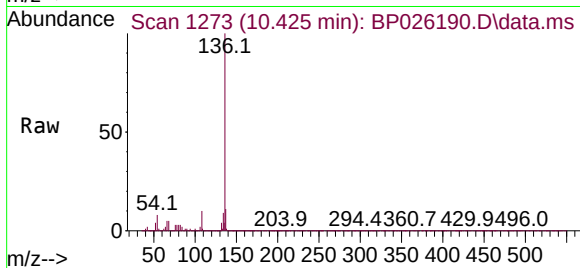


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.425 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1101921

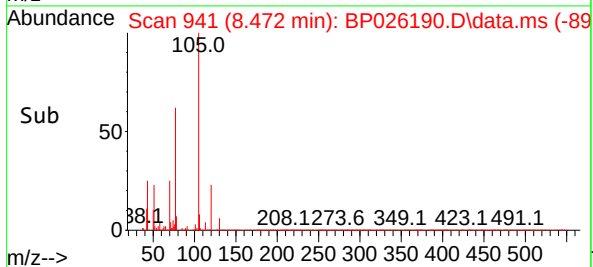
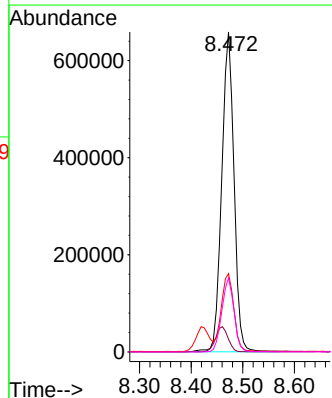
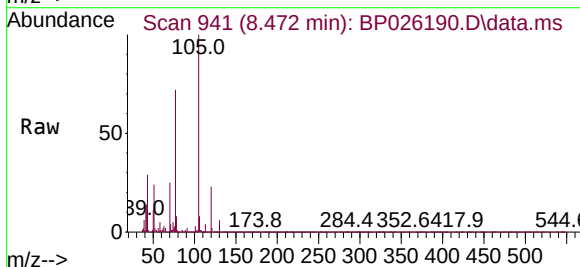
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.9	6.4	9.6
68	5.4	4.9	7.3

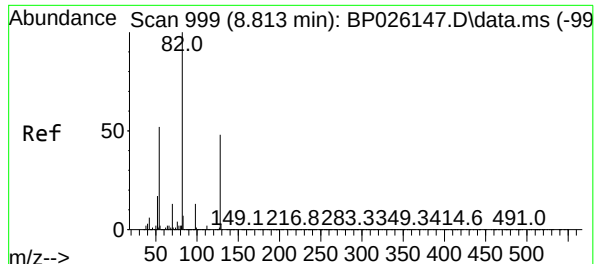


#22
Acetophenone
Concen: 38.955 ng
RT: 8.472 min Scan# 941
Delta R.T. -0.012 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:105 Resp: 1091058

Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.0	4.4
51	24.5	20.5	30.7
120	23.1	18.2	27.2





#23

Nitrobenzene-d5

Concen: 77.009 ng

RT: 8.802 min Scan# 99

Delta R.T. -0.012 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

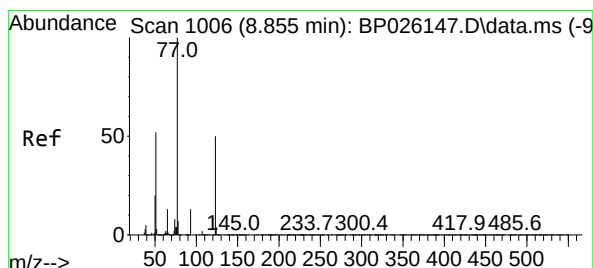
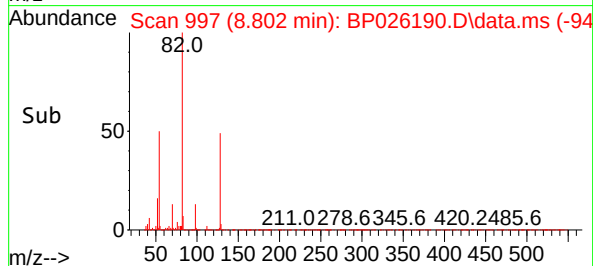
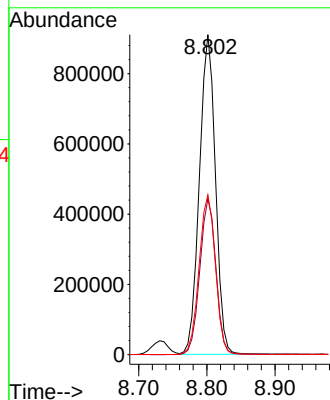
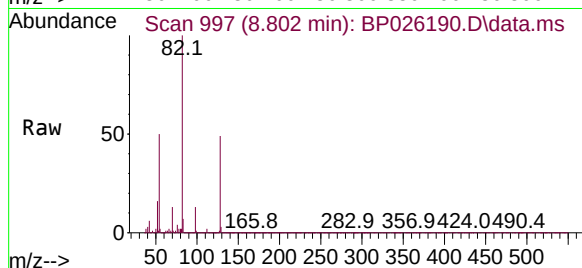
BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1493914

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.4	56.0
54	49.9	41.6	62.4



#24

Nitrobenzene

Concen: 38.737 ng

RT: 8.843 min Scan# 1004

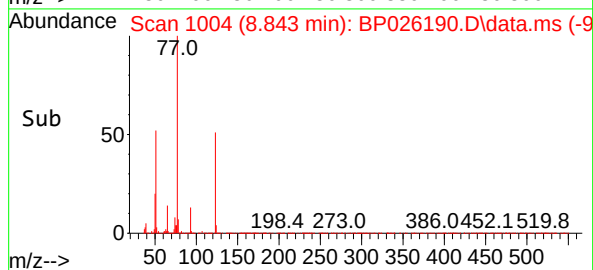
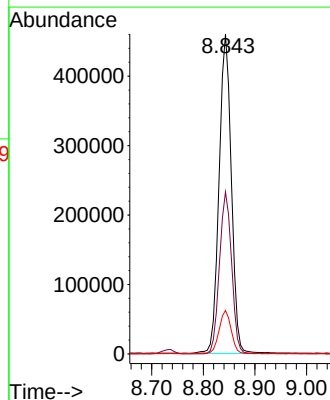
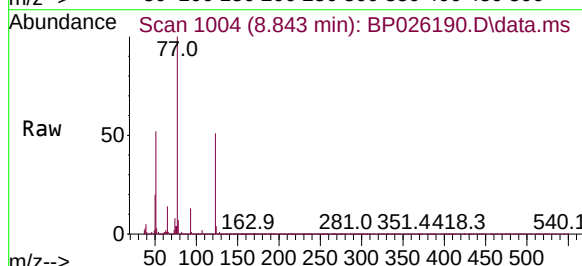
Delta R.T. -0.012 min

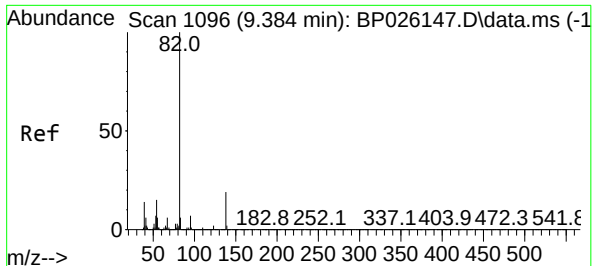
Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Tgt Ion: 77 Resp: 760136

Ion	Ratio	Lower	Upper
77	100		
123	50.6	39.8	59.8
65	13.6	11.2	16.8

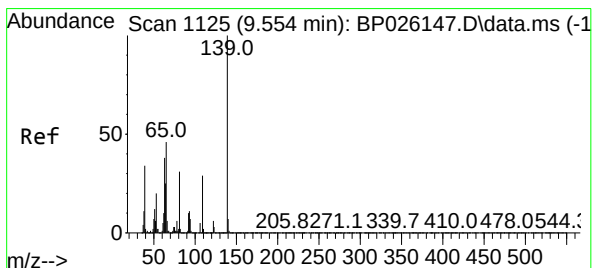
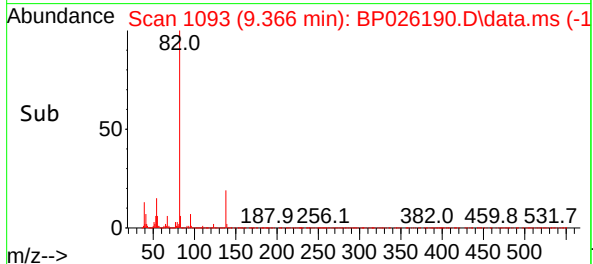
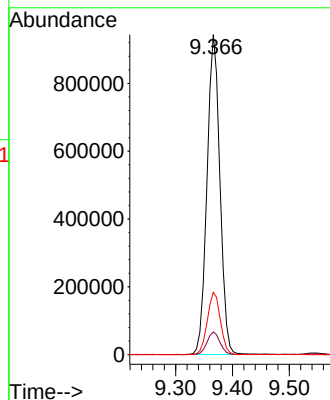
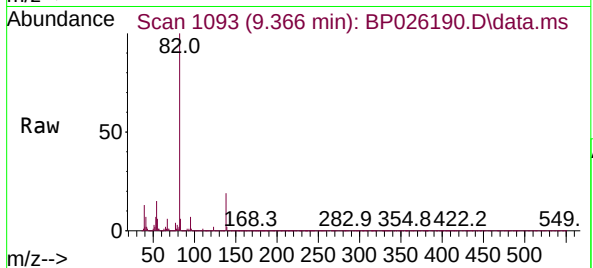




#25
Isophorone
Concen: 38.843 ng
RT: 9.366 min Scan# 1096
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

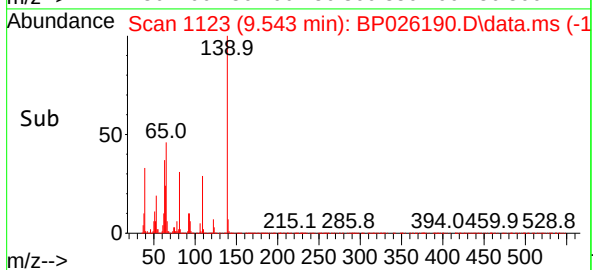
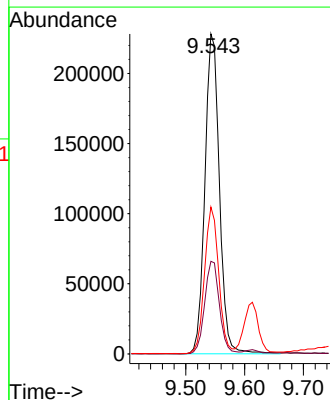
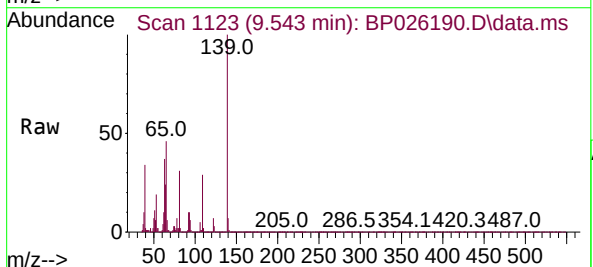
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

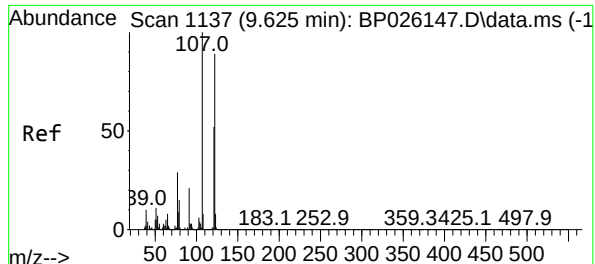
Tgt Ion: 82 Resp: 1493828
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.0
138 19.5 15.4 23.0



#26
2-Nitrophenol
Concen: 39.520 ng
RT: 9.543 min Scan# 1123
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 139 Resp: 392413
Ion Ratio Lower Upper
139 100
109 28.9 22.3 33.5
65 45.9 37.2 55.8





#27

2,4-Dimethylphenol

Concen: 35.401 ng

RT: 9.613 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

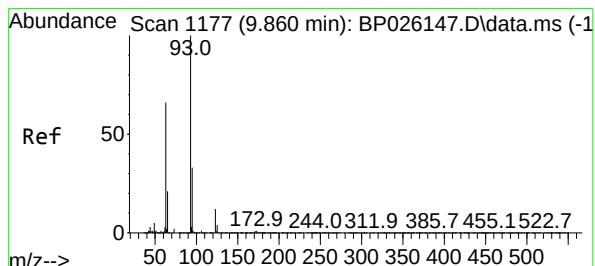
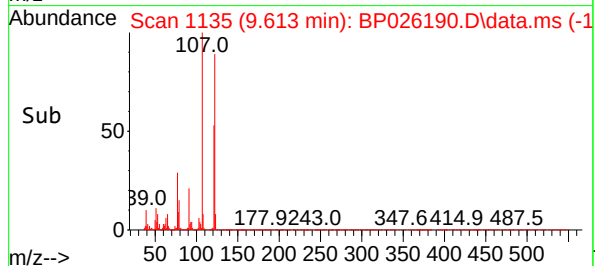
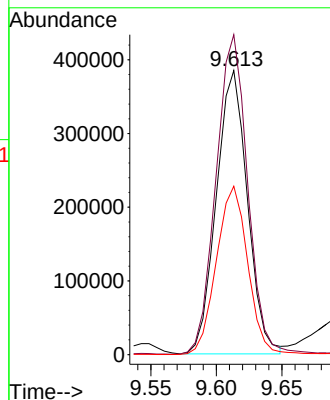
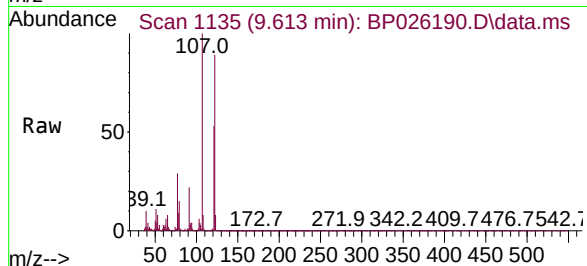
Tgt Ion:122 Resp: 633851

Ion Ratio Lower Upper

122 100

107 112.6 91.0 136.6

121 59.3 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 38.166 ng

RT: 9.843 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

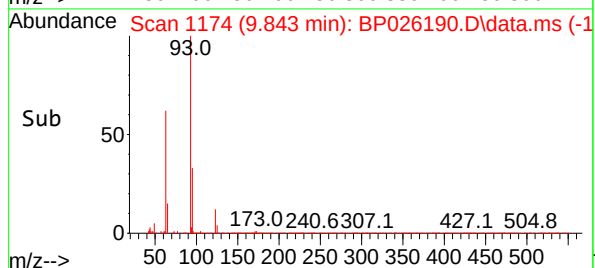
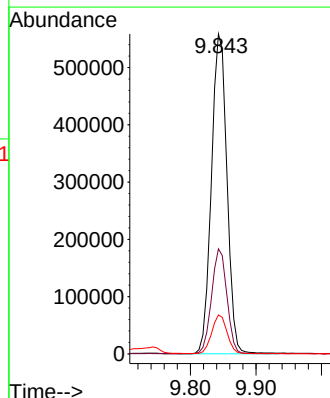
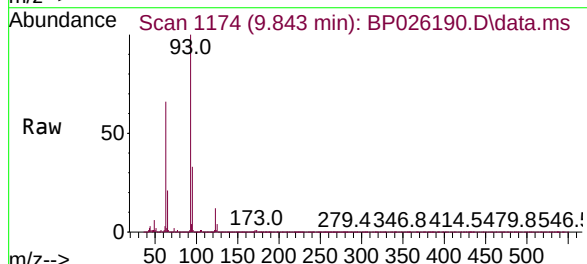
Tgt Ion: 93 Resp: 919252

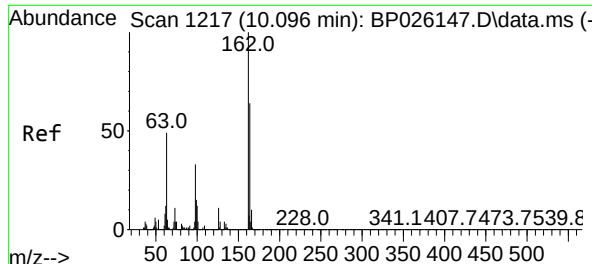
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 12.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 40.248 ng

RT: 10.078 min Scan# 1214

Delta R.T. -0.018 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

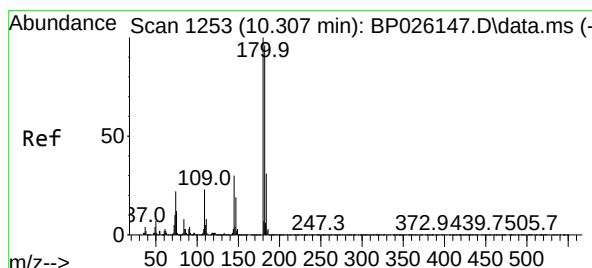
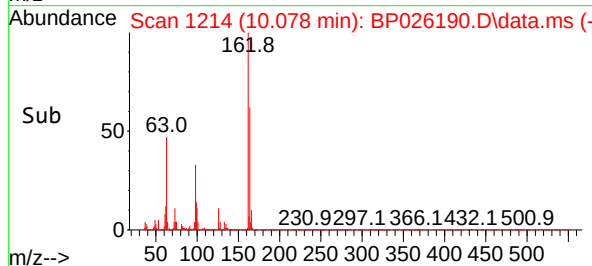
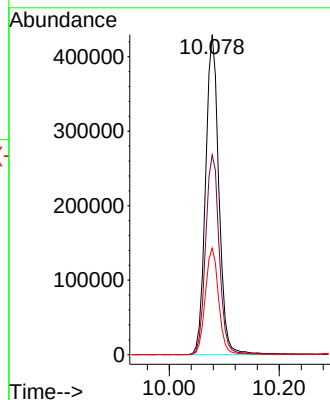
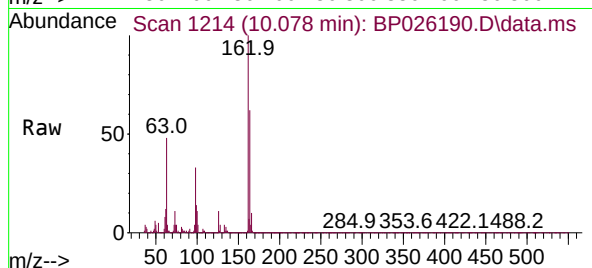
Tgt Ion:162 Resp: 720254

Ion Ratio Lower Upper

162 100

164 62.4 43.8 83.8

98 33.3 14.1 54.1



#30

1,2,4-Trichlorobenzene

Concen: 40.970 ng

RT: 10.290 min Scan# 1250

Delta R.T. -0.018 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

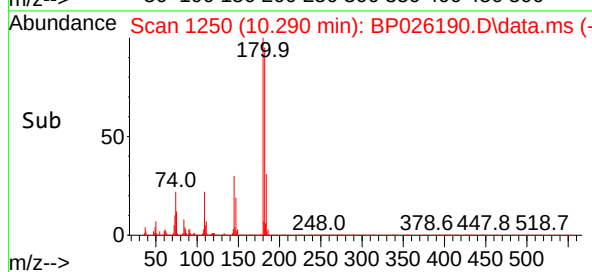
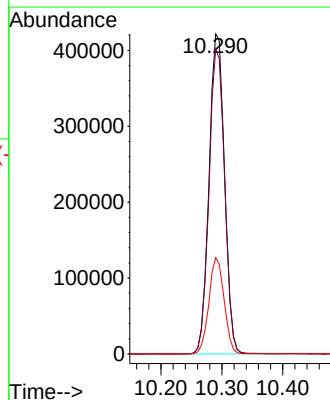
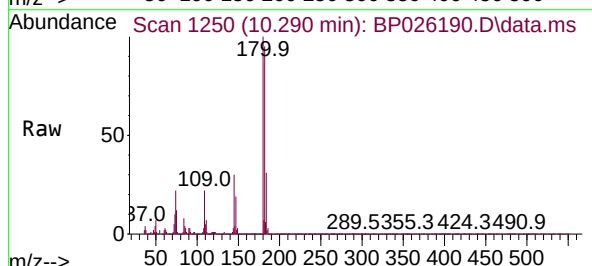
Tgt Ion:180 Resp: 746589

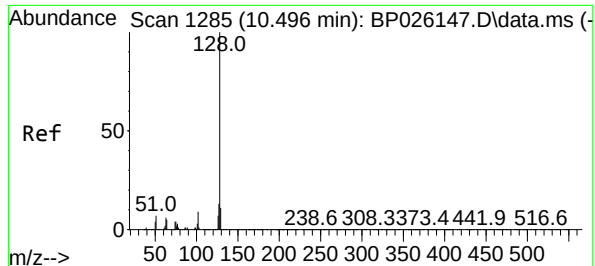
Ion Ratio Lower Upper

180 100

182 95.2 78.1 117.1

145 30.1 24.2 36.4

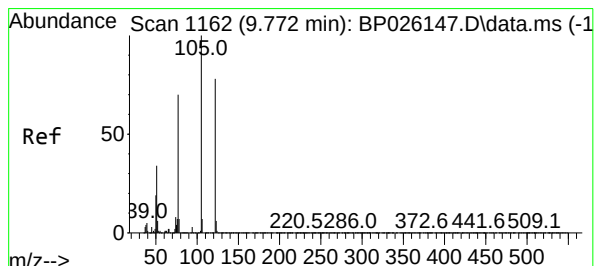
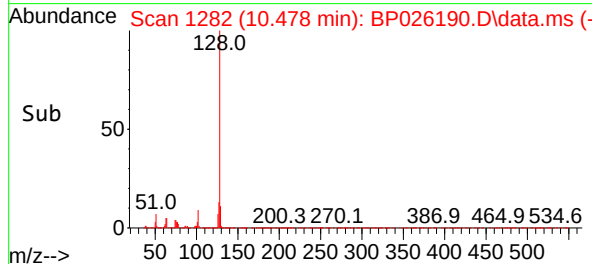
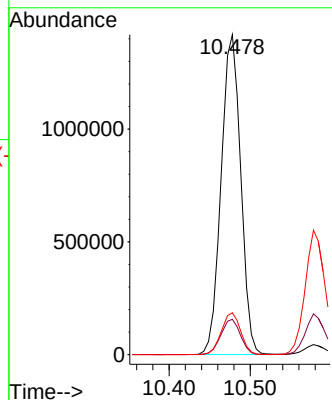
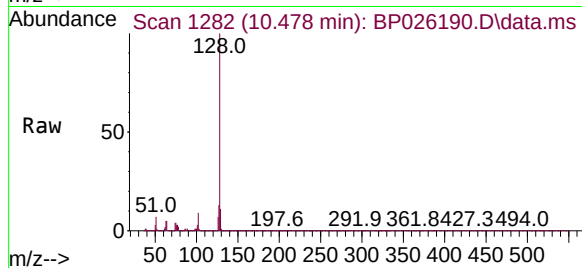




#31
Naphthalene
Concen: 39.846 ng
RT: 10.478 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

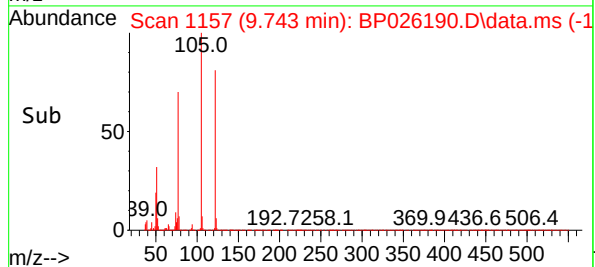
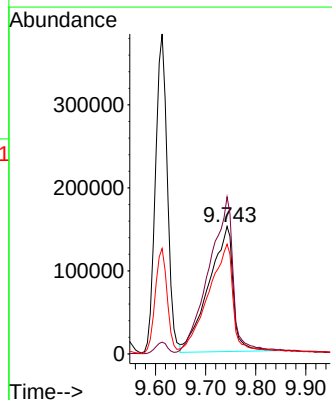
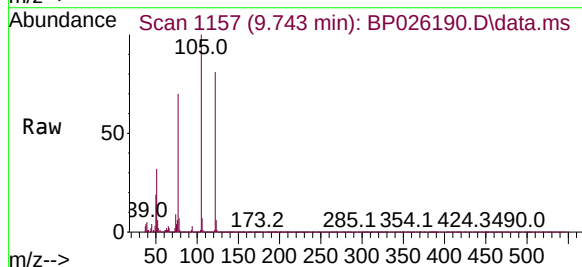
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

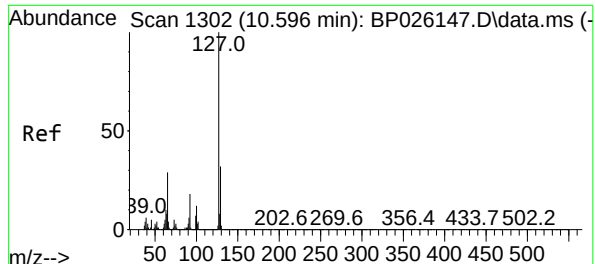
Tgt Ion:128 Resp: 2372932
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 33.881 ng
RT: 9.743 min Scan# 1157
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:122 Resp: 510860
Ion Ratio Lower Upper
122 100
105 123.2 100.1 140.1
77 86.0 66.7 106.7

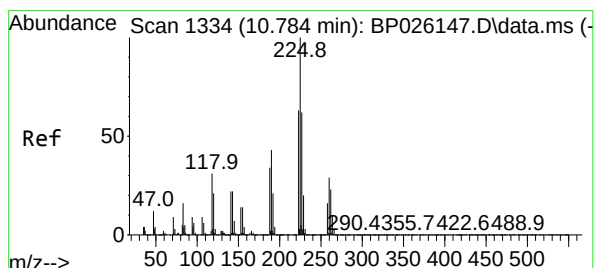
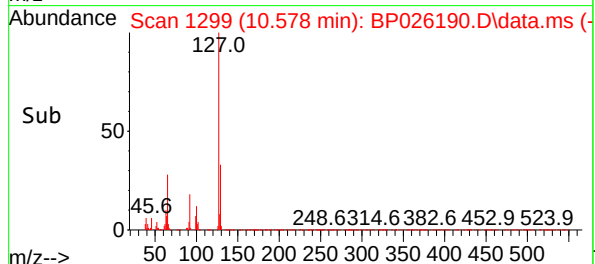
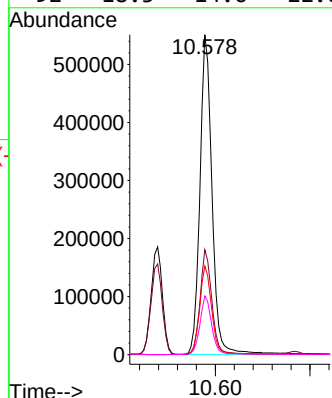
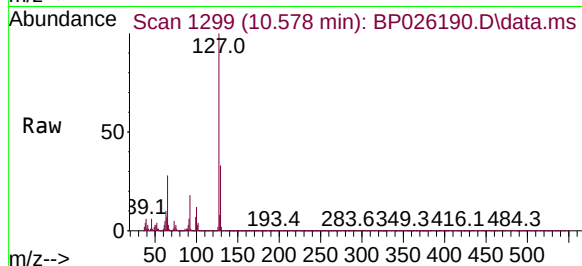




#33
4-Chloroaniline
Concen: 38.647 ng
RT: 10.578 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

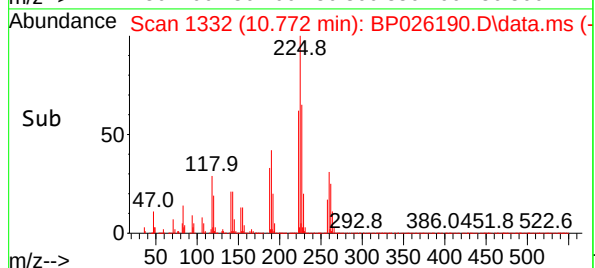
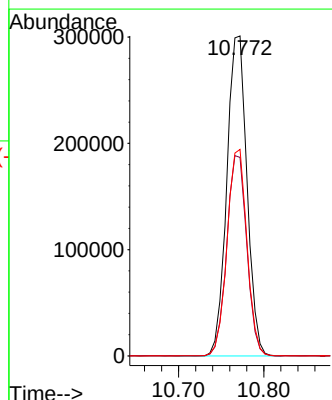
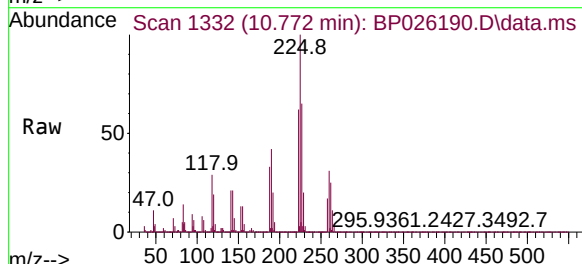
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

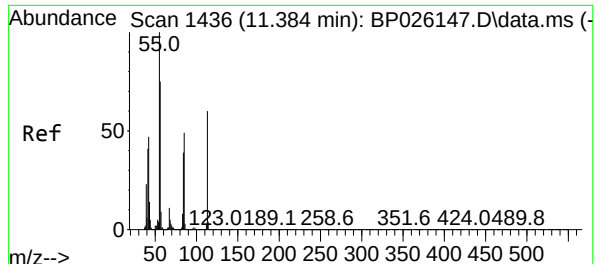
Tgt Ion:	127	Resp:	978759
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.8	38.8
65	27.7	22.7	34.1
92	18.3	14.6	22.0



#34
Hexachlorobutadiene
Concen: 41.656 ng
RT: 10.772 min Scan# 1332
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:	225	Resp:	493691
Ion Ratio	Lower	Upper	
225	100		
223	62.0	49.6	74.4
227	64.5	51.2	76.8





#35

Caprolactam

Concen: 38.718 ng

RT: 11.360 min Scan# 1436

Delta R.T. -0.018 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

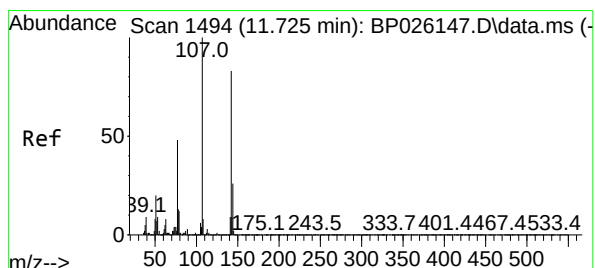
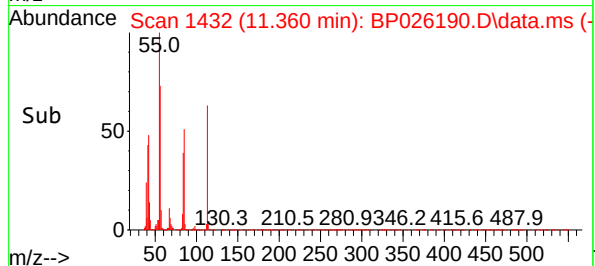
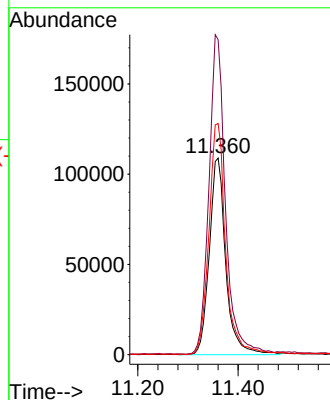
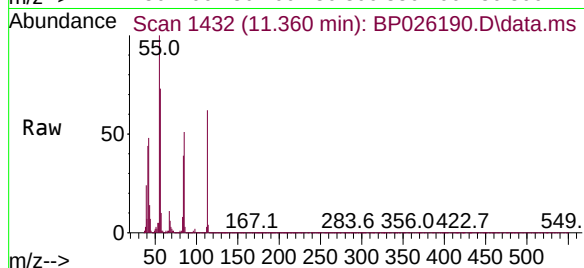
Tgt Ion:113 Resp: 248100

Ion Ratio Lower Upper

113 100

55 160.2 153.0 193.0

56 117.5 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 39.714 ng

RT: 11.713 min Scan# 1492

Delta R.T. -0.018 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

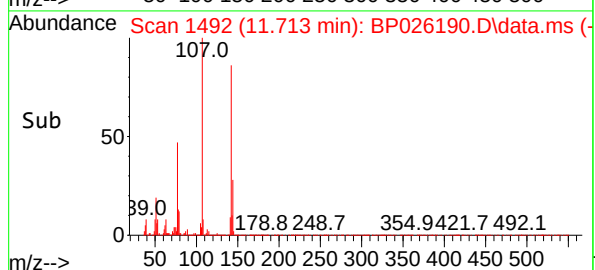
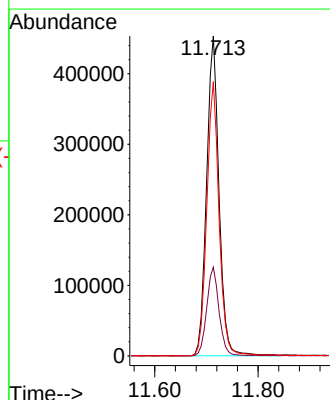
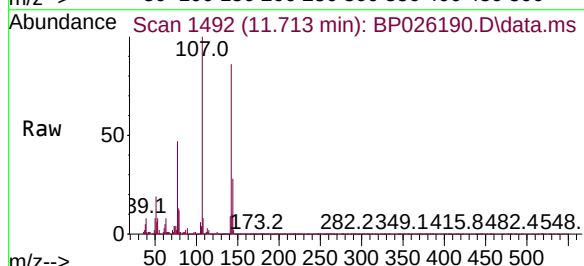
Tgt Ion:107 Resp: 755363

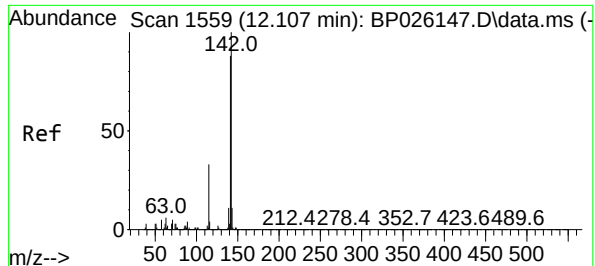
Ion Ratio Lower Upper

107 100

144 27.7 21.6 32.4

142 85.7 65.6 98.4

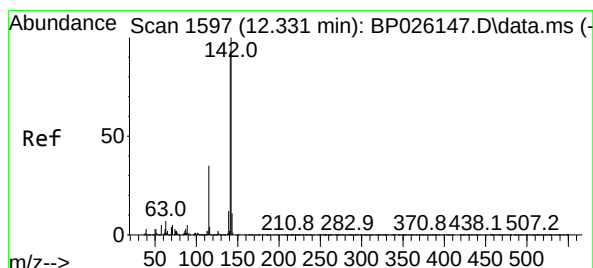
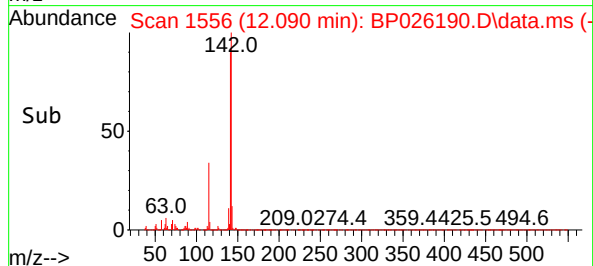
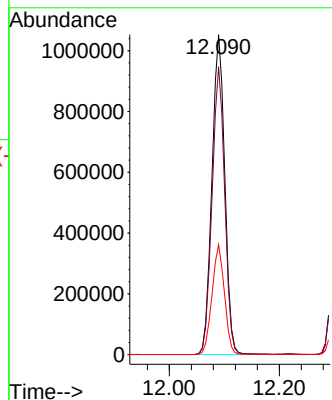
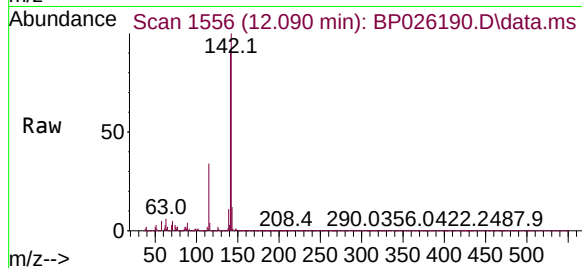




#37
2-Methylnaphthalene
Concen: 40.411 ng
RT: 12.090 min Scan# 1556
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

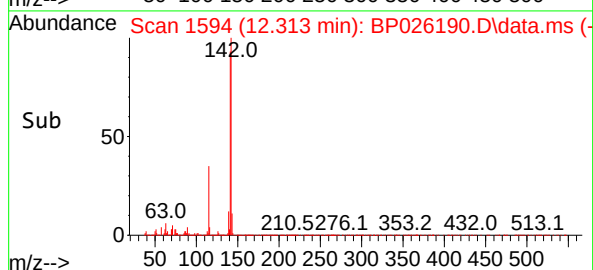
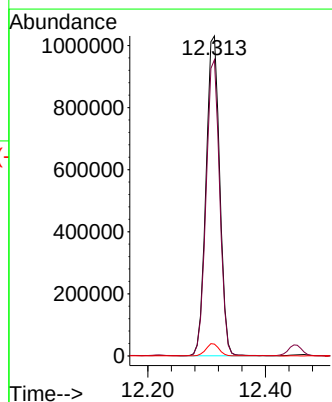
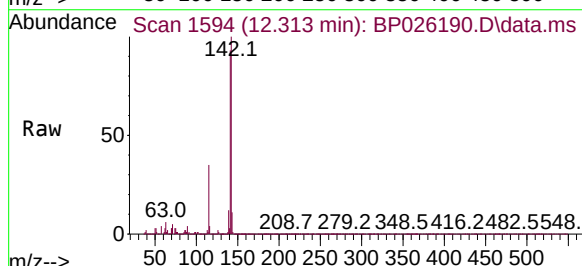
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

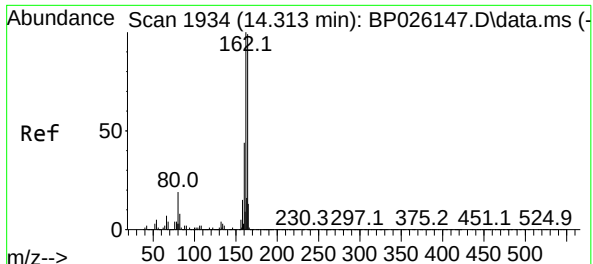
Tgt Ion:142 Resp: 1706137
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6
115 34.4 26.6 39.8



#38
1-Methylnaphthalene
Concen: 40.272 ng
RT: 12.313 min Scan# 1594
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:142 Resp: 1661885
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.289 min Scan# 1934

Delta R.T. -0.035 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

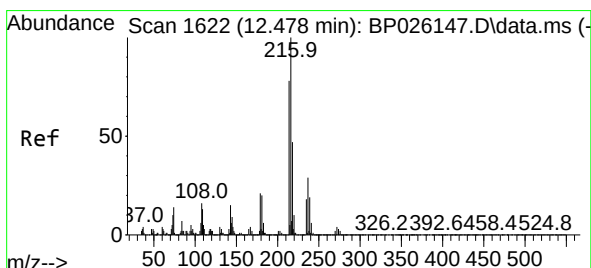
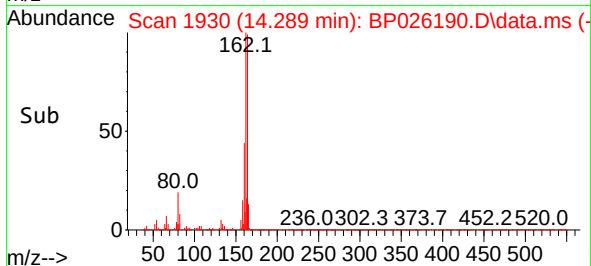
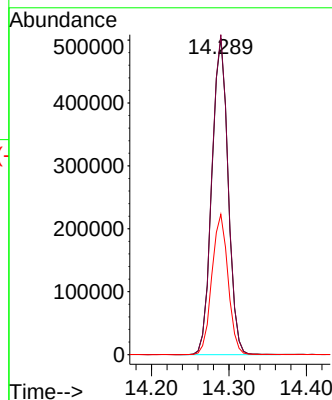
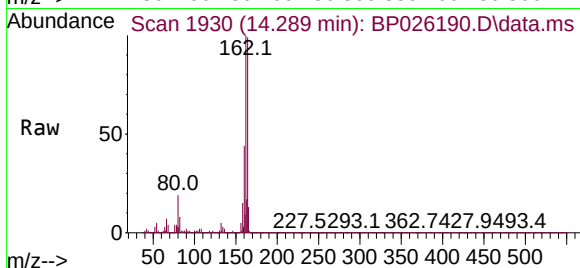
Tgt Ion:164 Resp: 729934

Ion Ratio Lower Upper

164 100

162 101.1 80.3 120.5

160 44.3 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.855 ng

RT: 12.466 min Scan# 1620

Delta R.T. -0.023 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Tgt Ion:216 Resp: 901725

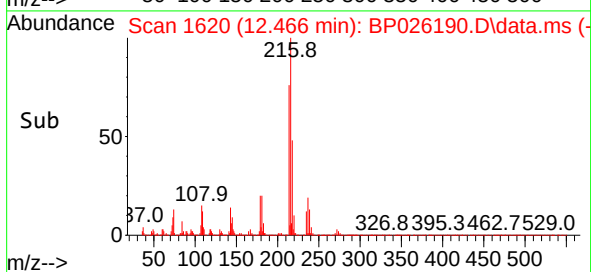
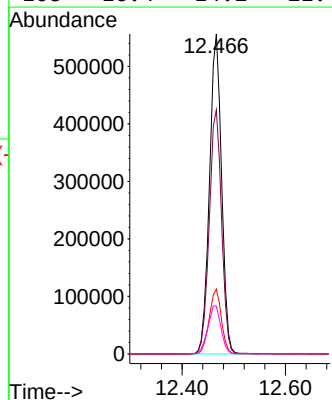
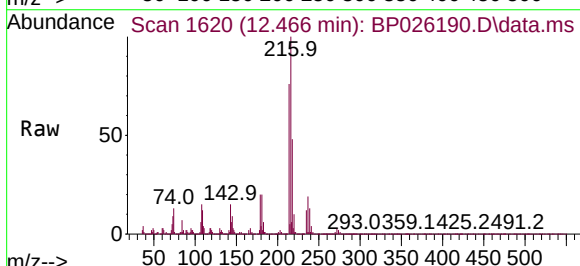
Ion Ratio Lower Upper

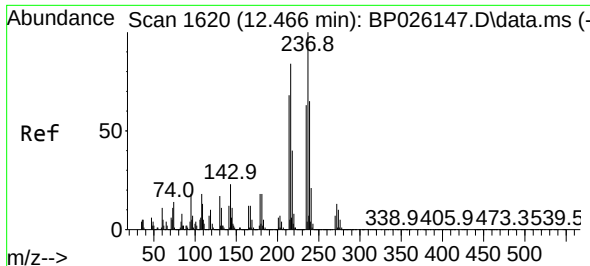
216 100

214 77.7 62.6 94.0

179 20.4 16.6 25.0

108 16.4 14.2 21.4

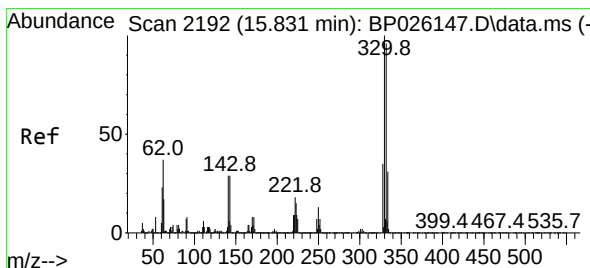
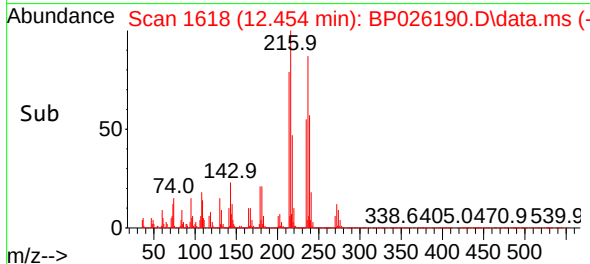
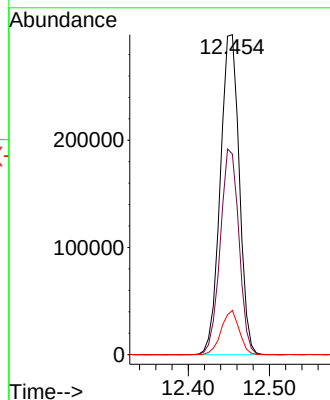
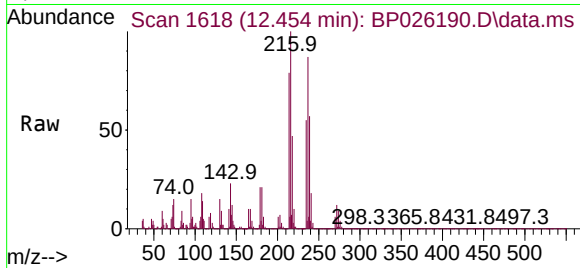




#41
Hexachlorocyclopentadiene
Concen: 33.460 ng
RT: 12.454 min Scan# 10
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

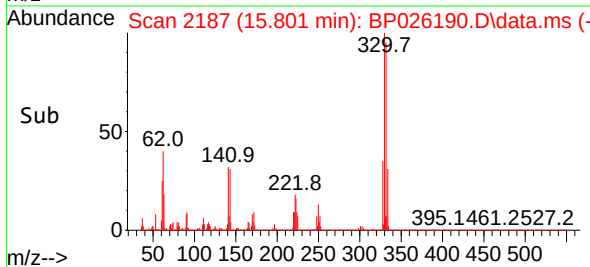
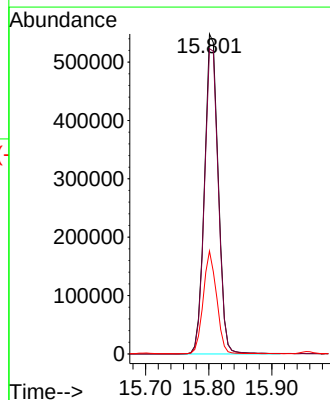
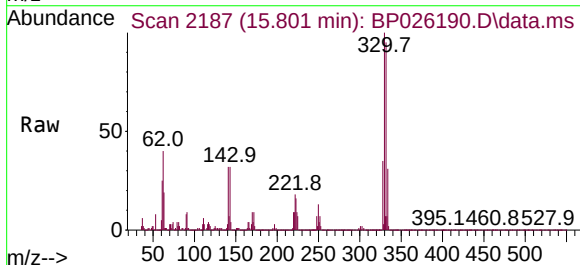
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

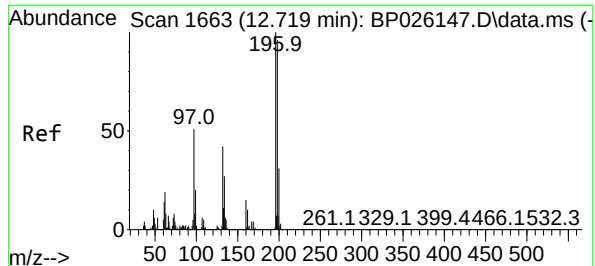
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.3	83.3
272	13.8	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 87.271 ng
RT: 15.801 min Scan# 2187
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	31.2	26.8	40.2





#43

2,4,6-Trichlorophenol

Concen: 40.449 ng

RT: 12.707 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

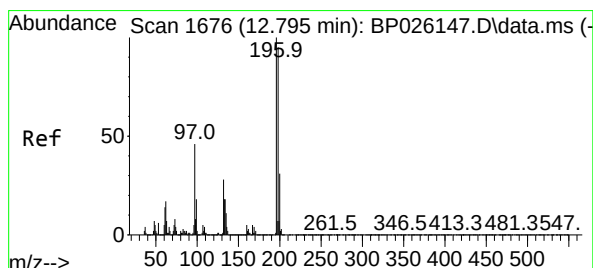
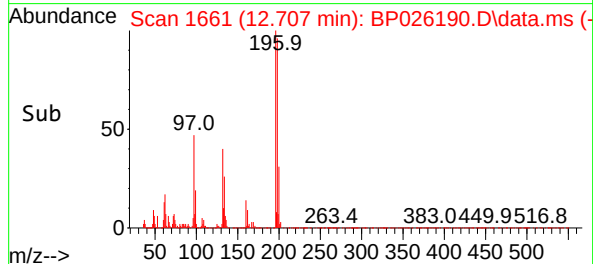
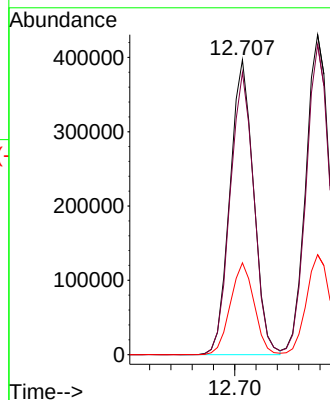
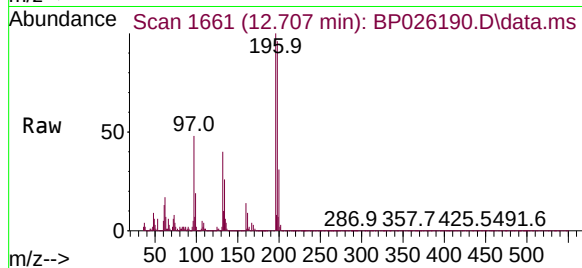
Tgt Ion:196 Resp: 612040

Ion Ratio Lower Upper

196 100

198 95.7 76.9 115.3

200 31.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 41.124 ng

RT: 12.778 min Scan# 1673

Delta R.T. -0.023 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Tgt Ion:196 Resp: 694591

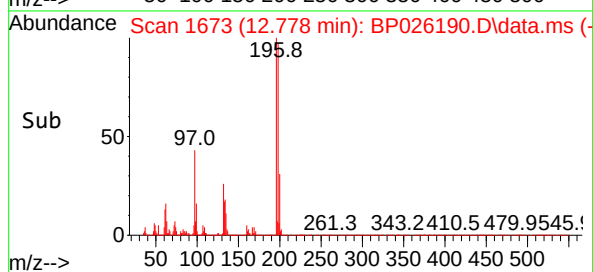
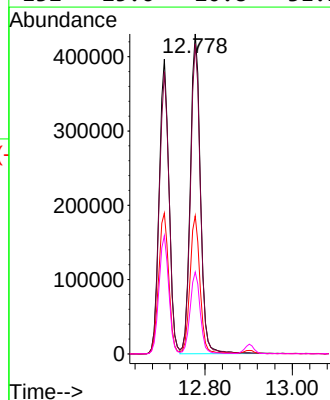
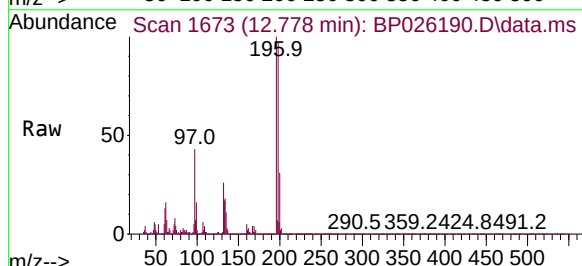
Ion Ratio Lower Upper

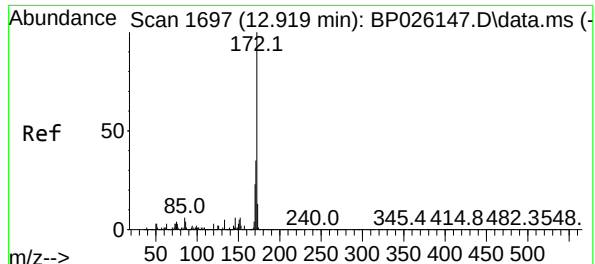
196 100

198 96.9 76.4 114.6

97 43.1 35.7 53.5

132 25.6 20.8 31.2





#45

2-Fluorobiphenyl

Concen: 81.419 ng

RT: 12.901 min Scan# 1694

Delta R.T. -0.029 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

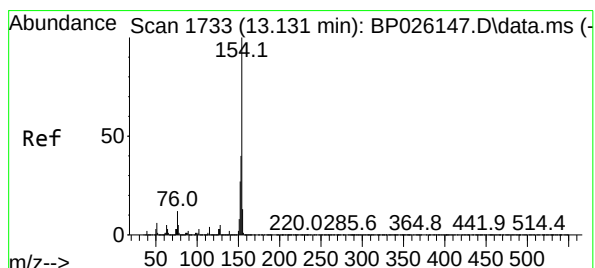
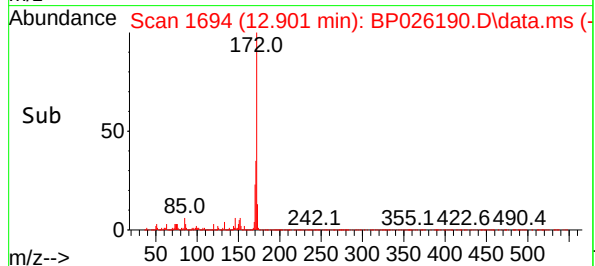
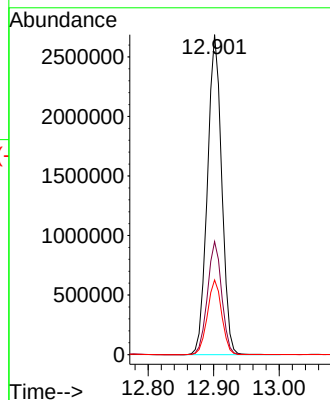
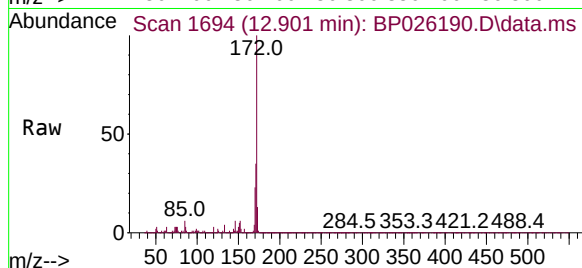
Tgt Ion:172 Resp: 4055063

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 39.470 ng

RT: 13.113 min Scan# 1730

Delta R.T. -0.023 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

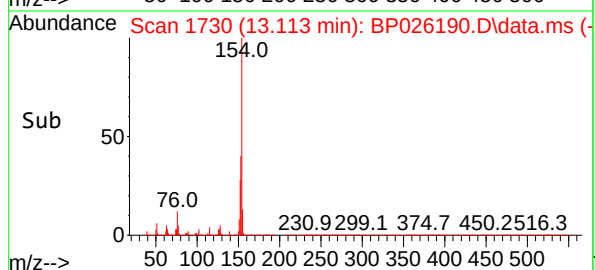
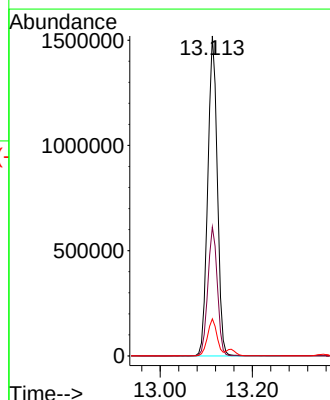
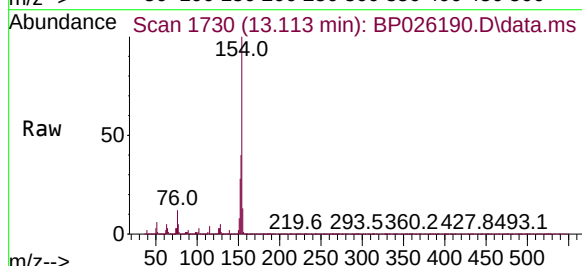
Tgt Ion:154 Resp: 2169418

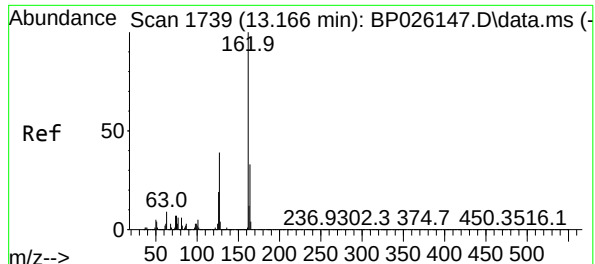
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 11.6 0.0 32.3





#47

2-Chloronaphthalene

Concen: 39.383 ng

RT: 13.154 min Scan# 1739

Delta R.T. -0.029 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

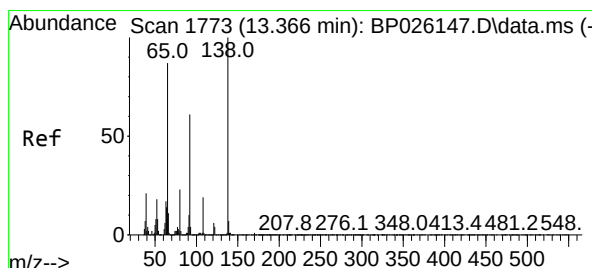
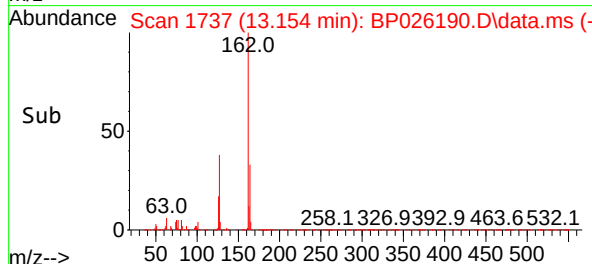
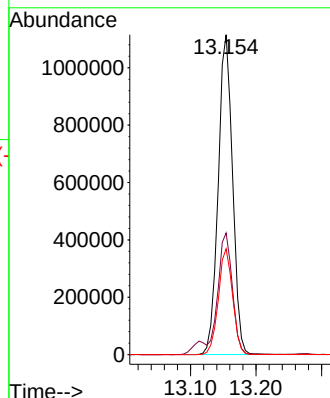
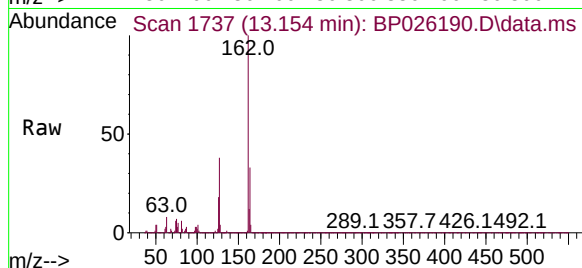
Tgt Ion:162 Resp: 1702157

Ion Ratio Lower Upper

162 100

127 38.0 30.9 46.3

164 33.1 26.4 39.6



#48

2-Nitroaniline

Concen: 37.522 ng

RT: 13.348 min Scan# 1770

Delta R.T. -0.029 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

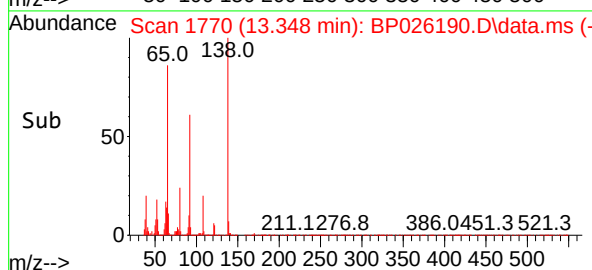
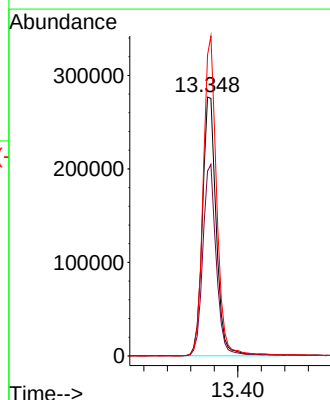
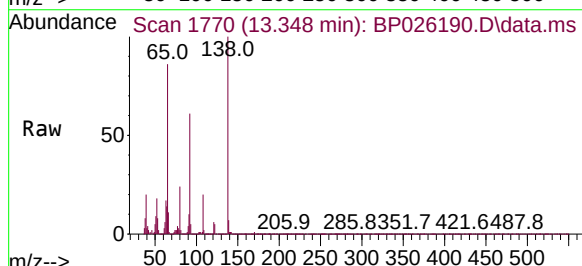
Tgt Ion: 65 Resp: 450973

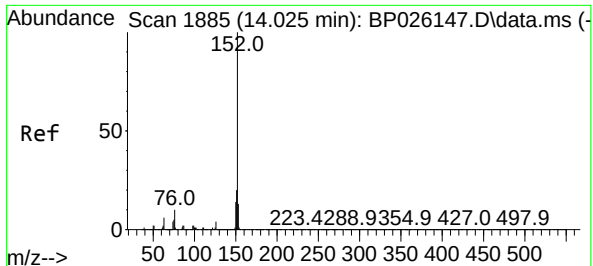
Ion Ratio Lower Upper

65 100

92 71.4 59.1 88.7

138 116.3 96.6 145.0





#49

Acenaphthylene

Concen: 39.825 ng

RT: 14.007 min Scan# 1882

Delta R.T. -0.029 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

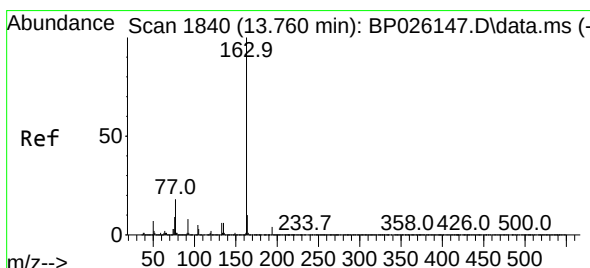
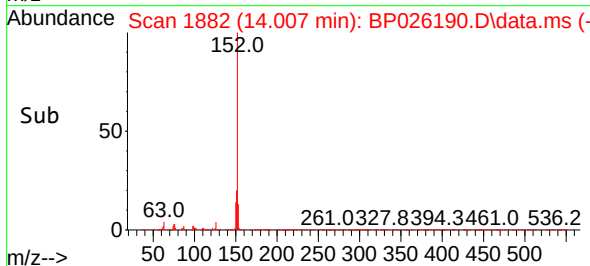
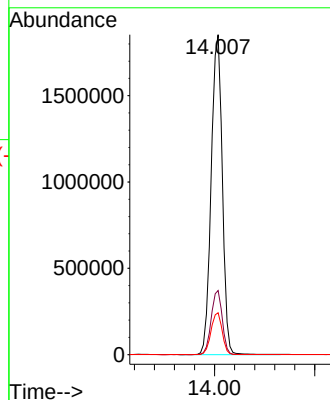
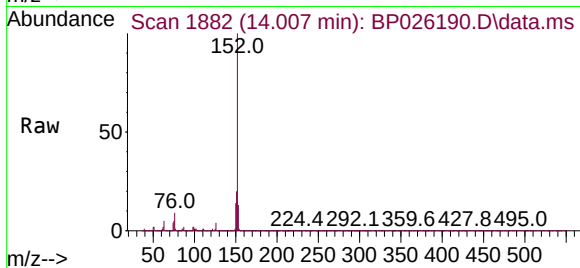
Tgt Ion:152 Resp: 2839199

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 39.727 ng

RT: 13.742 min Scan# 1837

Delta R.T. -0.029 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

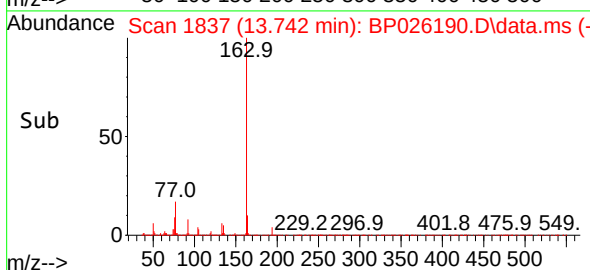
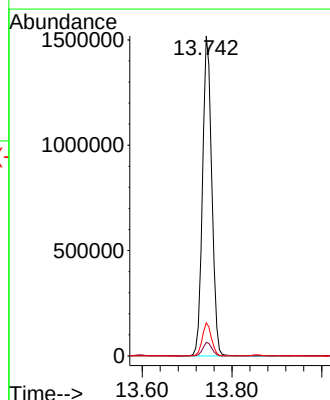
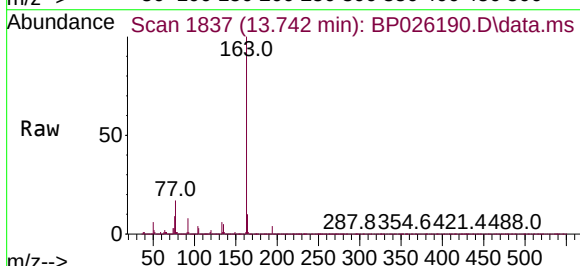
Tgt Ion:163 Resp: 2165861

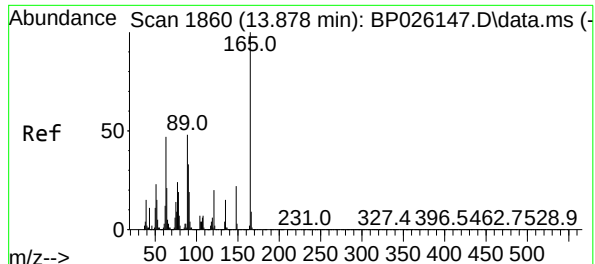
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 41.338 ng

RT: 13.854 min Scan# 1860

Delta R.T. -0.029 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

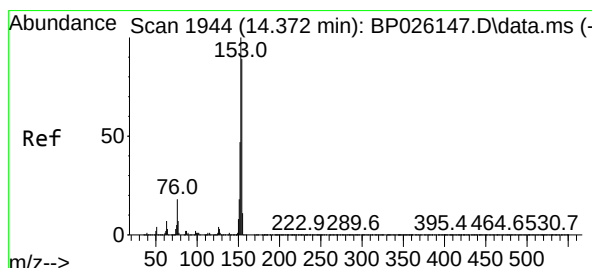
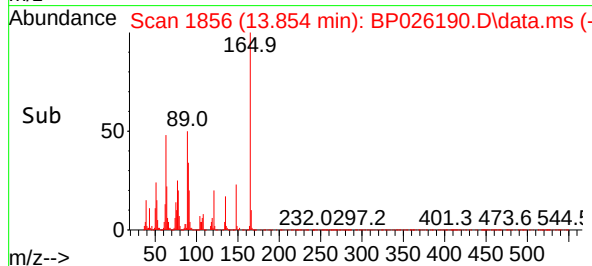
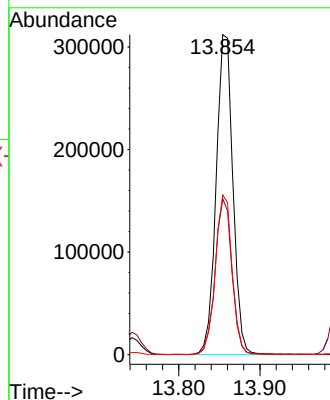
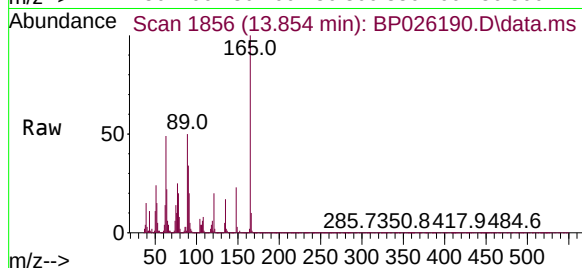
Tgt Ion:165 Resp: 446556

Ion Ratio Lower Upper

165 100

63 48.6 40.5 60.7

89 49.9 41.3 61.9



#52

Acenaphthene

Concen: 39.764 ng

RT: 14.354 min Scan# 1941

Delta R.T. -0.029 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

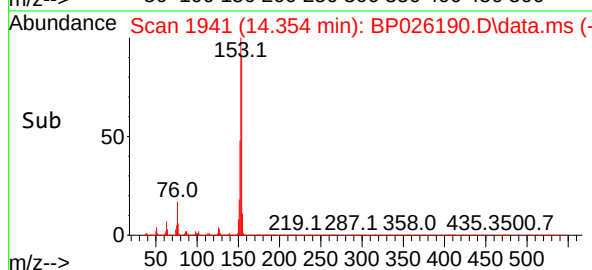
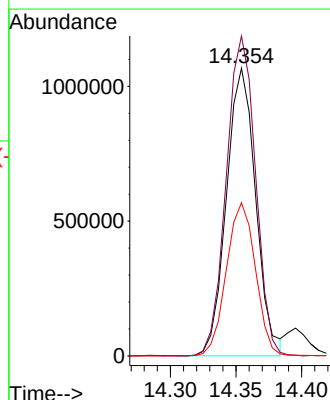
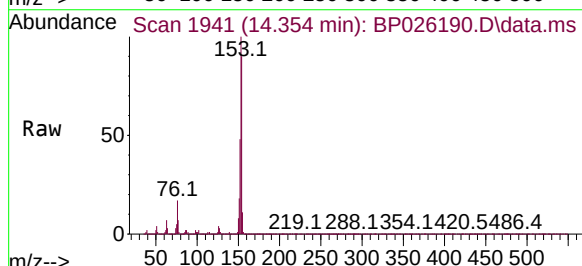
Tgt Ion:154 Resp: 1661341

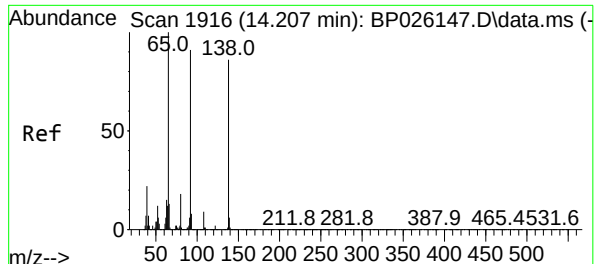
Ion Ratio Lower Upper

154 100

153 111.2 90.7 136.1

152 53.3 42.8 64.2





#53

3-Nitroaniline

Concen: 38.439 ng

RT: 14.190 min Scan# 1916

Delta R.T. -0.029 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

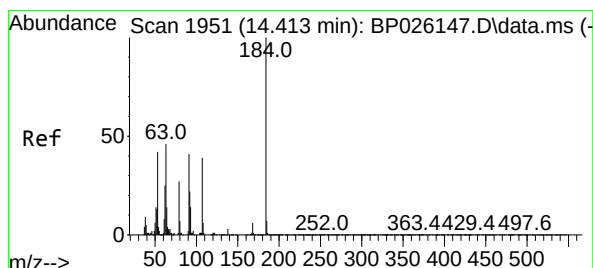
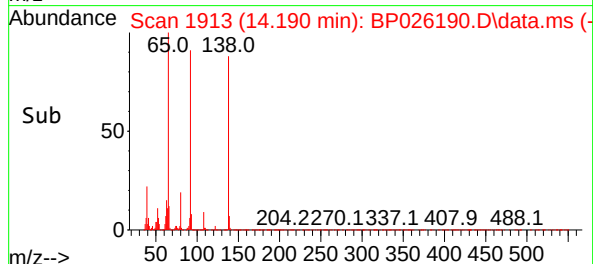
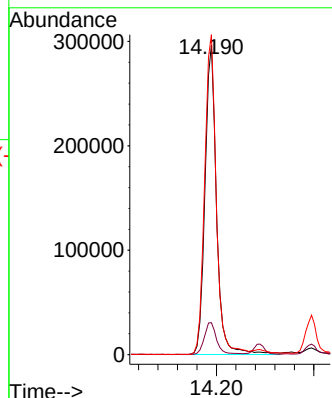
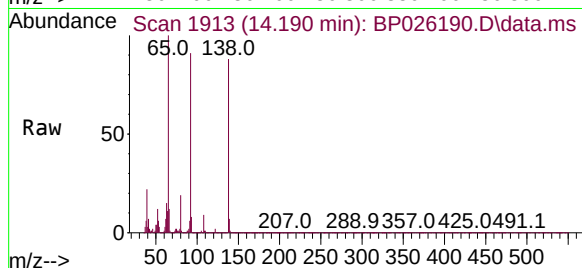
Tgt Ion:138 Resp: 488917

Ion Ratio Lower Upper

138 100

108 10.3 8.9 13.3

92 103.4 86.3 129.5



#54

2,4-Dinitrophenol

Concen: 38.476 ng

RT: 14.395 min Scan# 1948

Delta R.T. -0.035 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

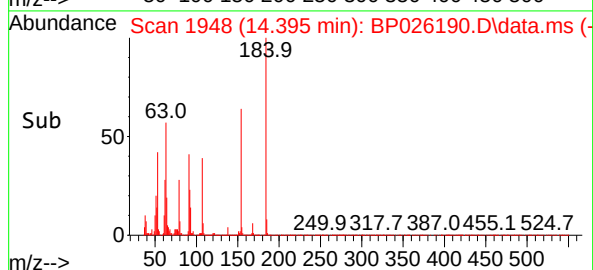
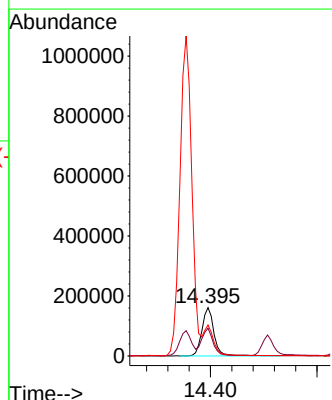
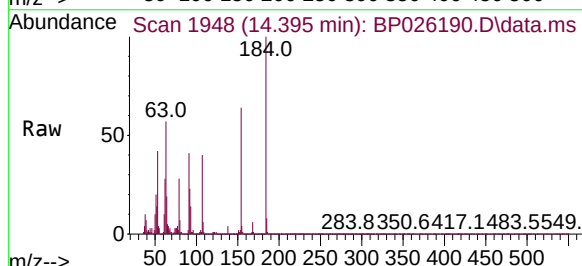
Tgt Ion:184 Resp: 250898

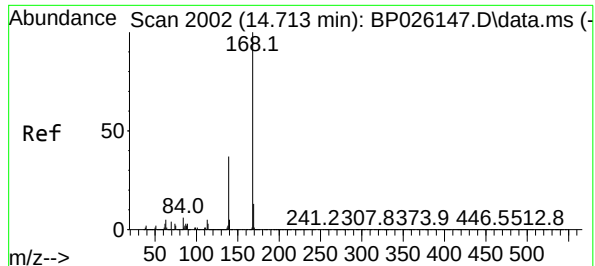
Ion Ratio Lower Upper

184 100

63 57.2 43.1 64.7

154 63.9 49.5 74.3





#55

Dibenzenofuran

Concen: 40.551 ng

RT: 14.695 min Scan# 1999

Delta R.T. -0.029 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

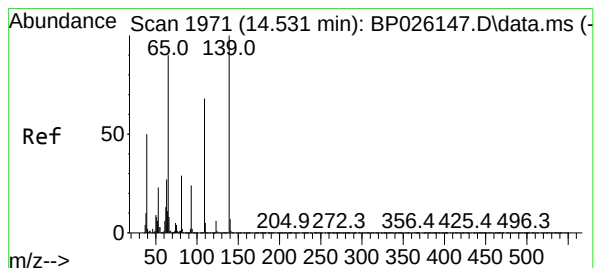
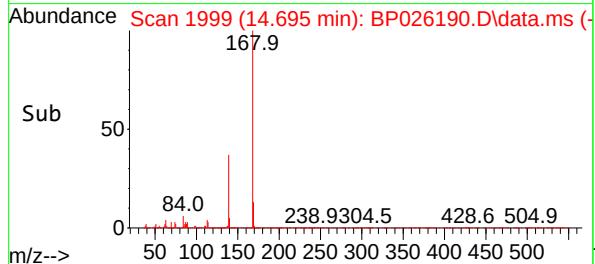
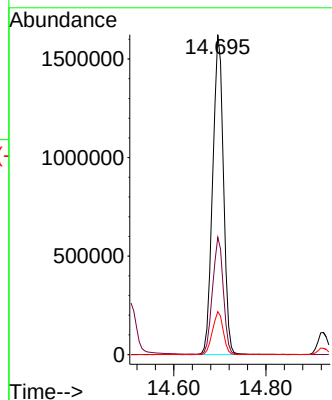
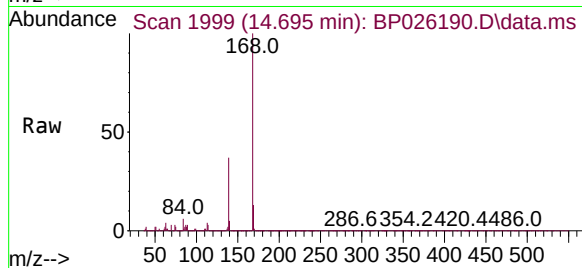
Tgt Ion:168 Resp: 2624031

Ion Ratio Lower Upper

168 100

139 36.7 29.8 44.6

169 13.4 10.9 16.3



#56

4-Nitrophenol

Concen: 36.400 ng

RT: 14.507 min Scan# 1967

Delta R.T. -0.035 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

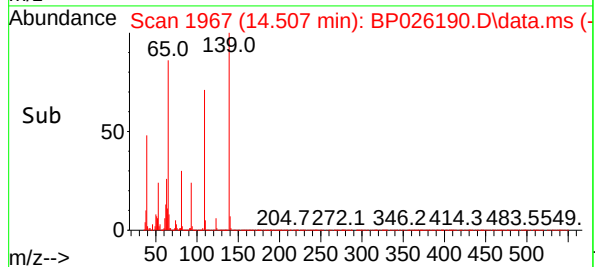
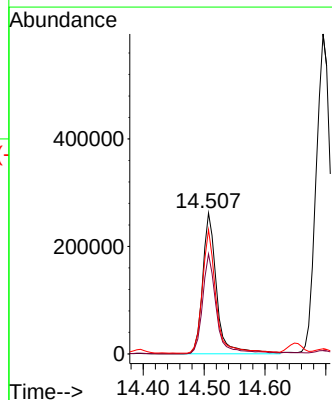
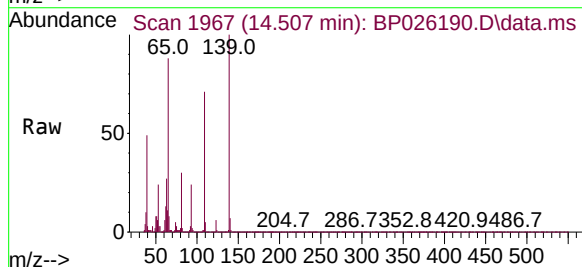
Tgt Ion:139 Resp: 418838

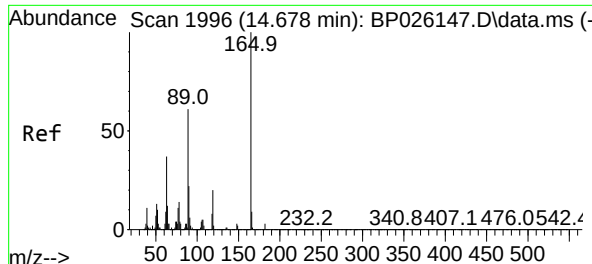
Ion Ratio Lower Upper

139 100

109 71.0 46.8 86.8

65 88.2 69.3 109.3

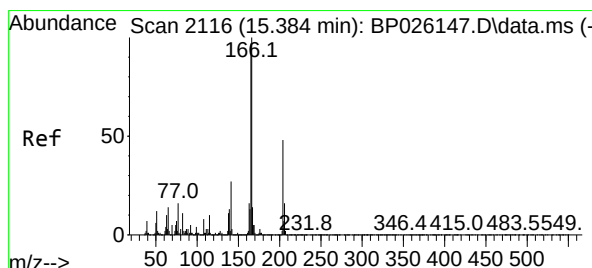
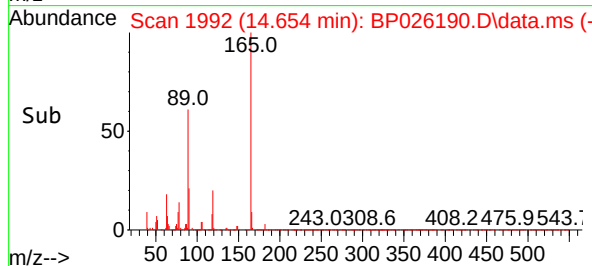
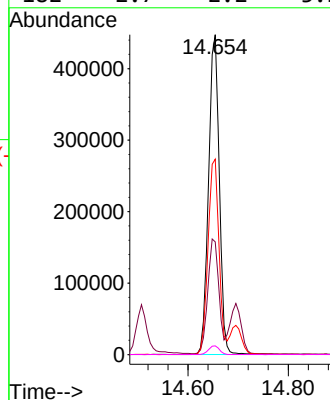
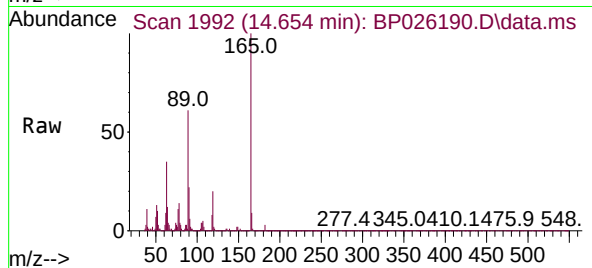




#57
2,4-Dinitrotoluene
Concen: 41.321 ng
RT: 14.654 min Scan# 1992
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

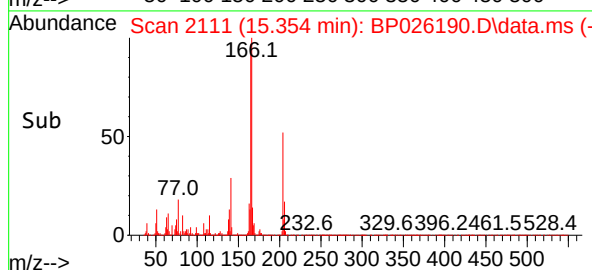
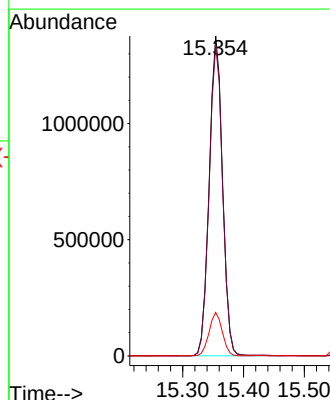
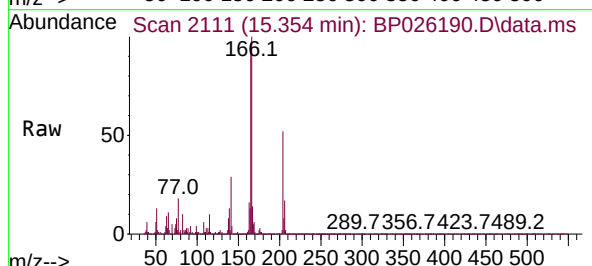
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

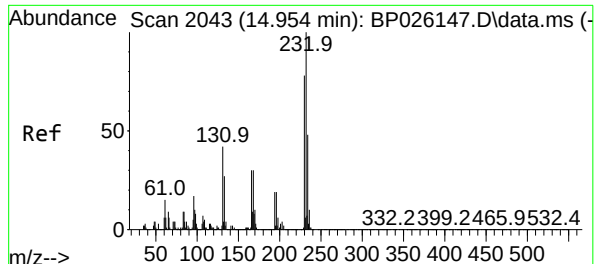
Tgt	Ion:165	Resp:	666504
Ion	Ratio	Lower	Upper
165	100		
63	35.2	31.0	46.6
89	61.1	51.7	77.5
182	2.7	2.2	3.2



#58
Fluorene
Concen: 40.906 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:166	Resp: 2092220		
Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.9	116.9
167	13.6	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.708 ng

RT: 14.925 min Scan# 2043

Delta R.T. -0.035 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 597629

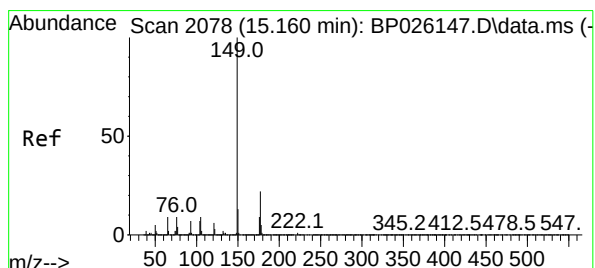
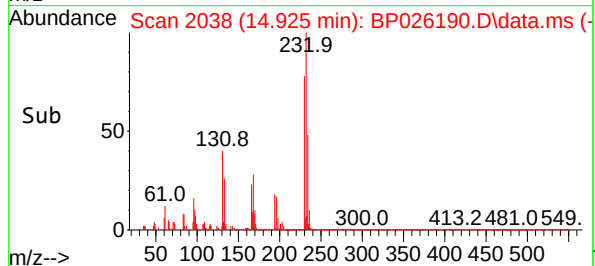
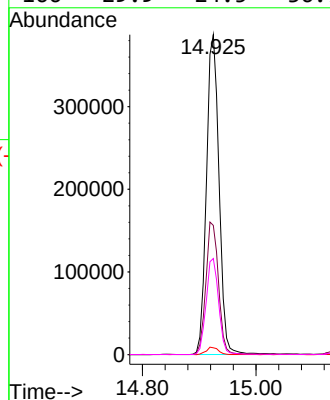
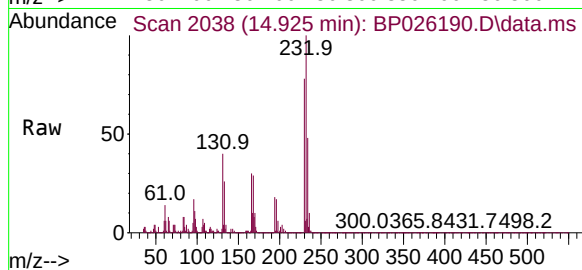
Ion Ratio Lower Upper

232 100

131 41.5 34.8 52.2

130 2.2 1.8 2.8

166 29.9 24.5 36.7



#60

Diethylphthalate

Concen: 39.588 ng

RT: 15.137 min Scan# 2074

Delta R.T. -0.035 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

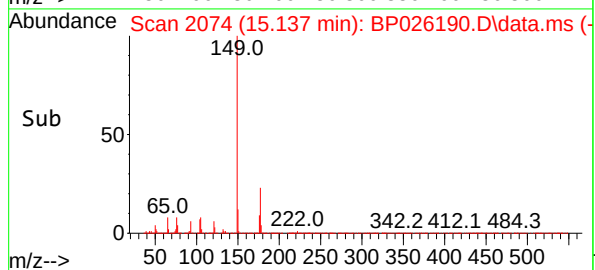
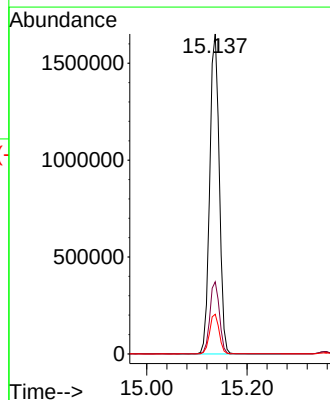
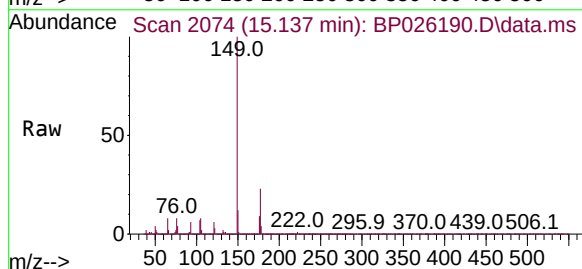
Tgt Ion:149 Resp: 2174197

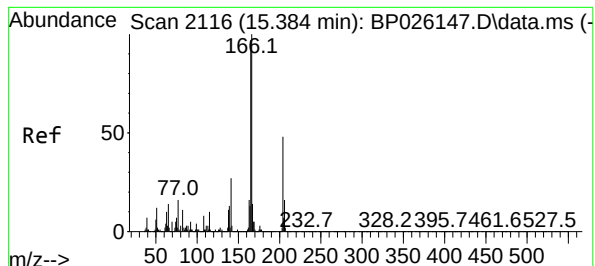
Ion Ratio Lower Upper

149 100

177 22.5 17.9 26.9

150 12.4 9.9 14.9

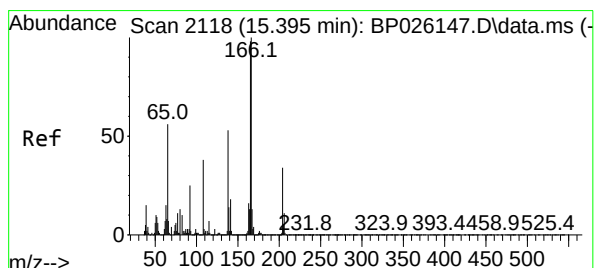
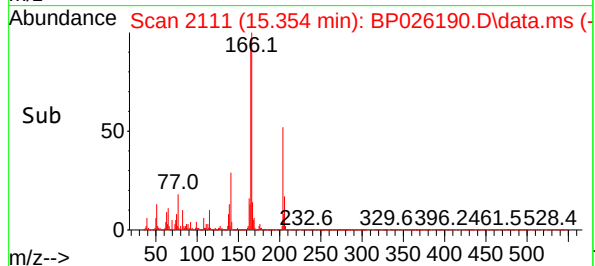
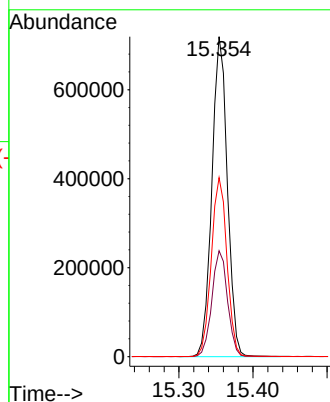
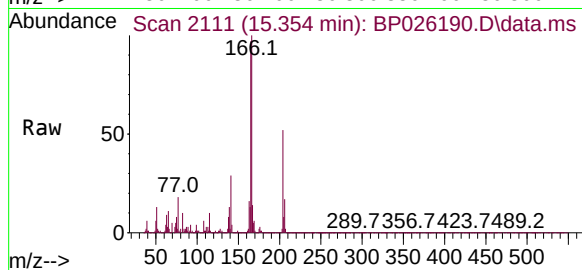




#61
4-Chlorophenyl-phenylether
Concen: 41.145 ng
RT: 15.354 min Scan# 2111
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

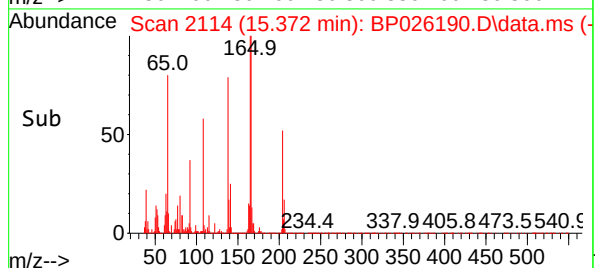
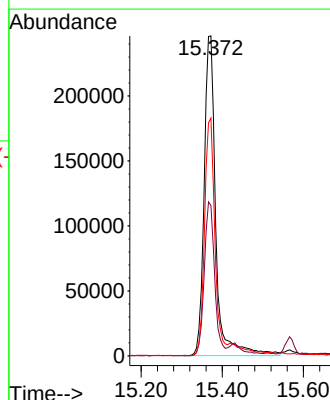
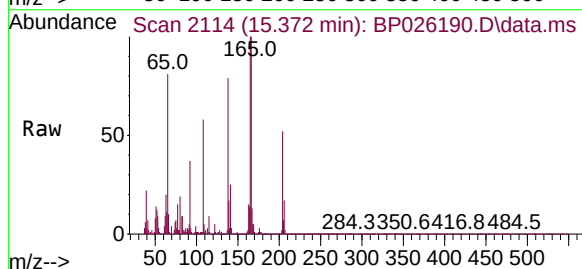
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

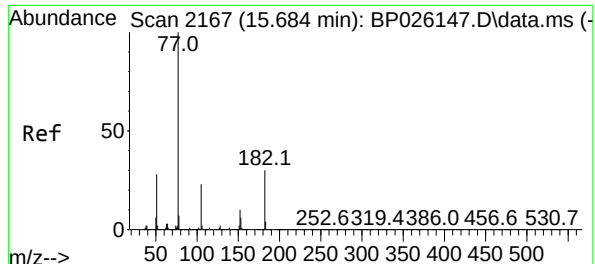
Tgt Ion:204 Resp: 1047106
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 56.0 48.1 72.1



#62
4-Nitroaniline
Concen: 37.250 ng
RT: 15.372 min Scan# 2114
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:138 Resp: 491993
Ion Ratio Lower Upper
138 100
92 47.0 27.5 67.5
108 74.4 51.1 91.1



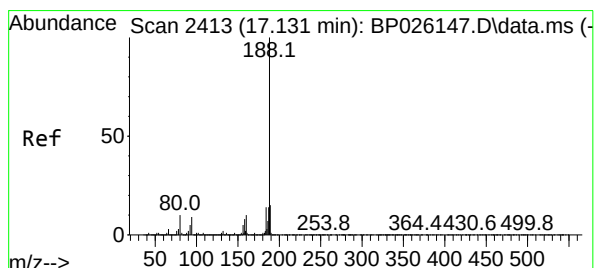
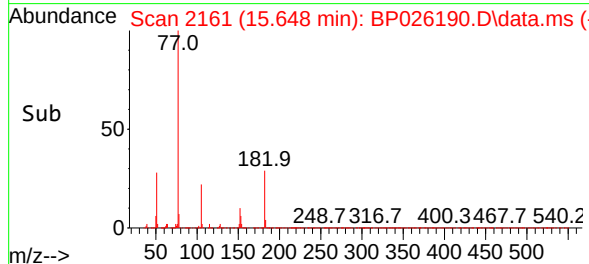
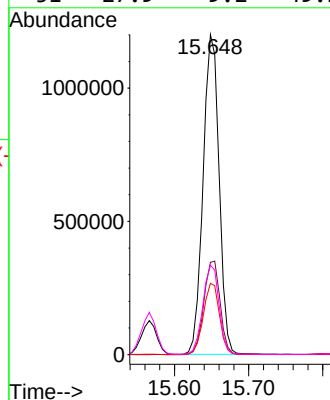
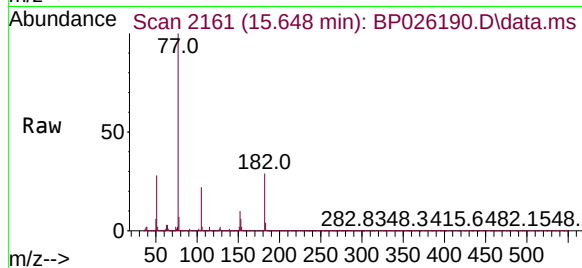


#63
Azobenzene
Concen: 38.915 ng
RT: 15.648 min Scan# 2167
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1802077

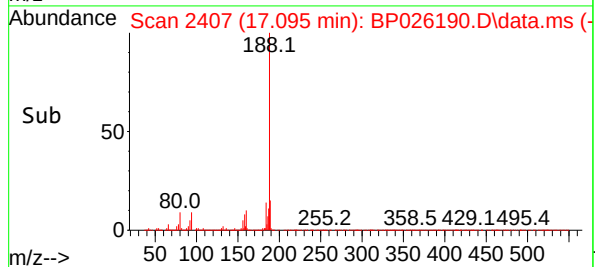
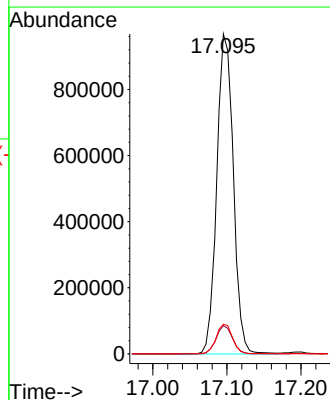
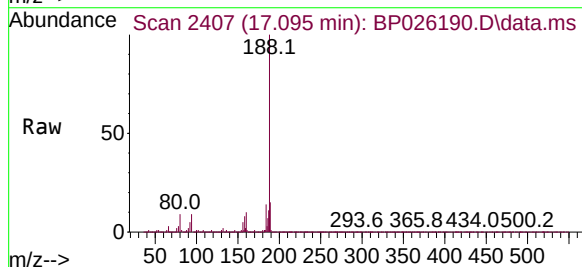
Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.8	48.8
105	22.3	2.6	42.6
51	27.9	9.2	49.2

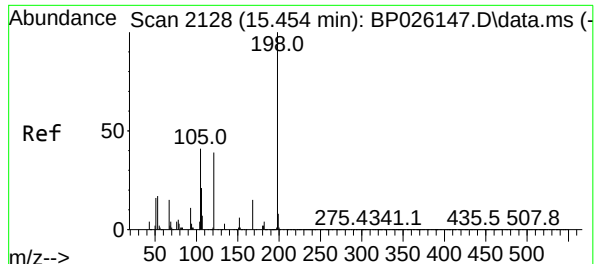


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.095 min Scan# 2407
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion: 188 Resp: 1501838

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.8	11.6
80	9.3	8.2	12.2





#65

4,6-Dinitro-2-methylphenol

Concen: 39.438 ng

RT: 15.431 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

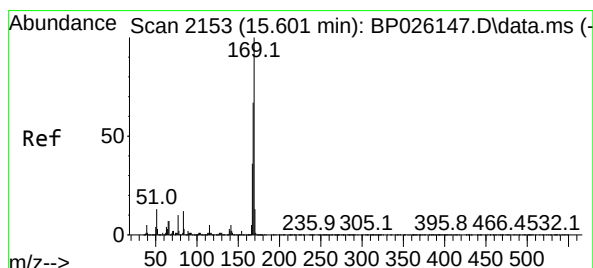
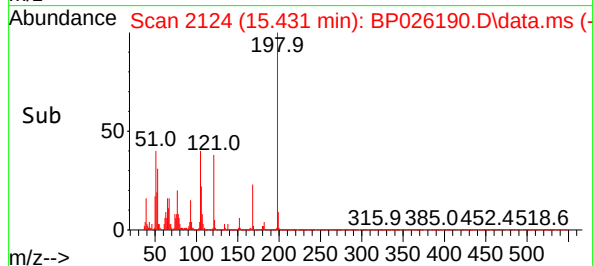
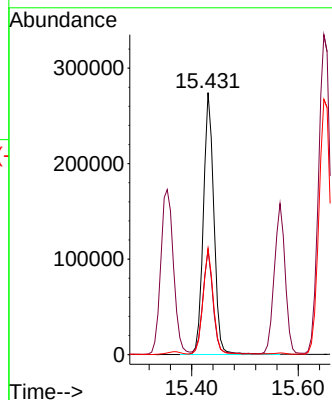
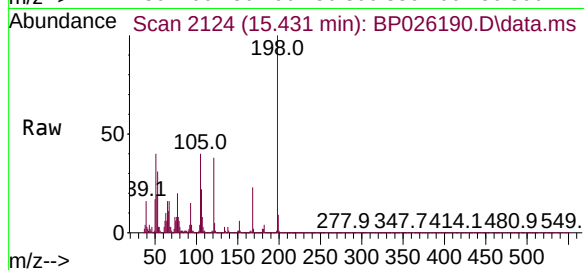
Tgt Ion:198 Resp: 376279

Ion Ratio Lower Upper

198 100

51 39.9 18.4 58.4

105 40.4 18.5 58.5



#66

n-Nitrosodiphenylamine

Concen: 39.653 ng

RT: 15.566 min Scan# 2147

Delta R.T. -0.041 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

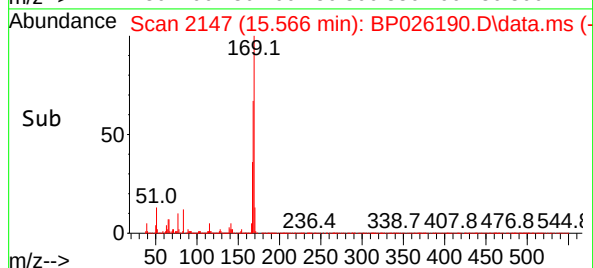
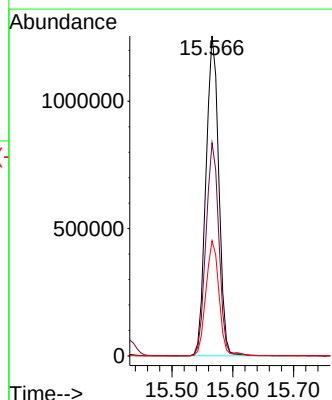
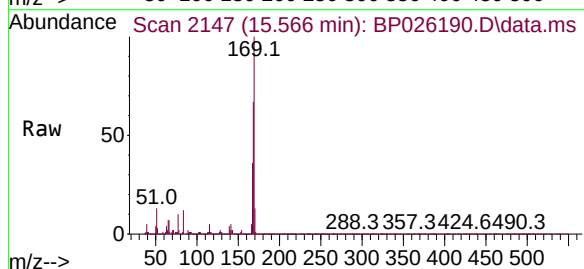
Tgt Ion:169 Resp: 1842181

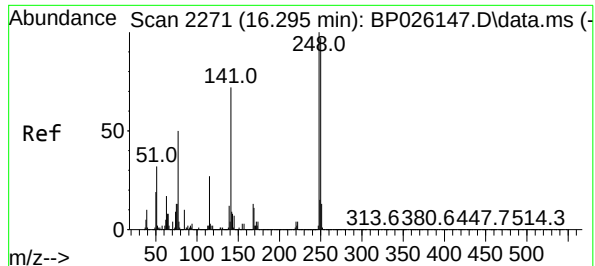
Ion Ratio Lower Upper

169 100

168 66.6 53.1 79.7

167 36.0 28.9 43.3

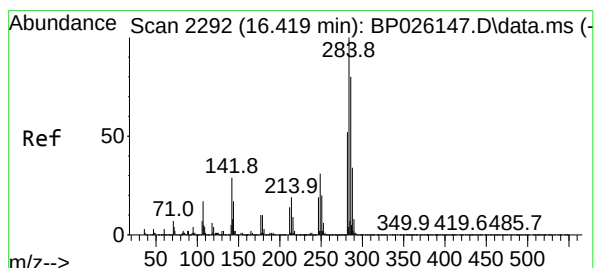
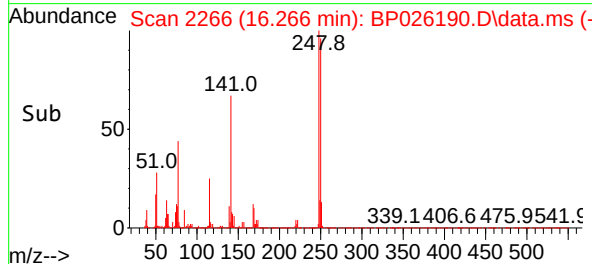
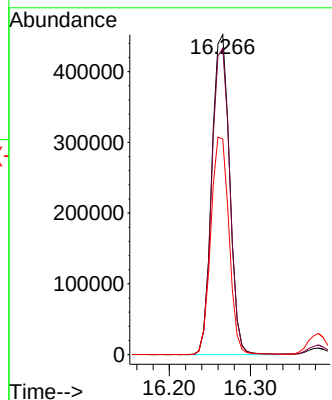
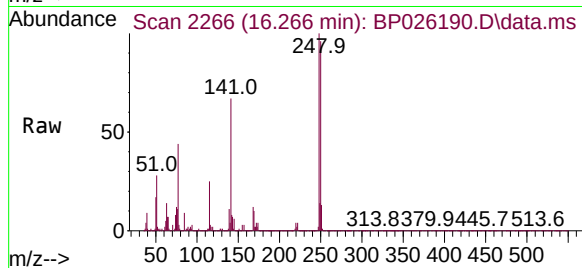




#67
4-Bromophenyl-phenylether
Concen: 41.382 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

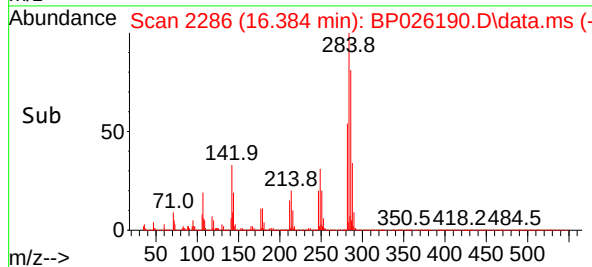
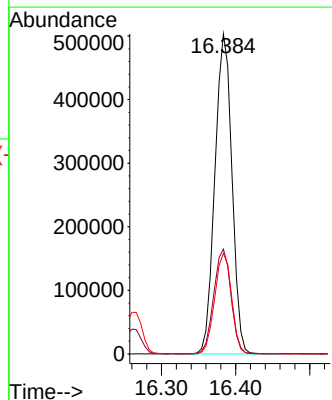
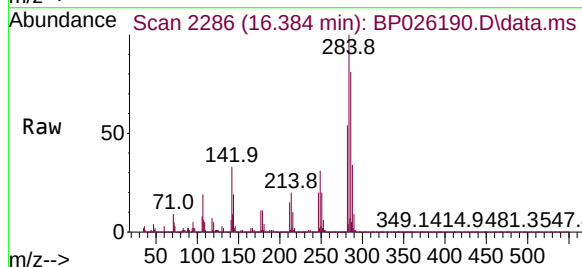
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

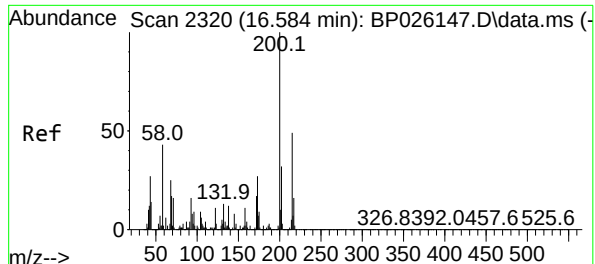
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.8	116.6
141	67.4	55.4	83.0



#68
Hexachlorobenzene
Concen: 41.599 ng
RT: 16.384 min Scan# 2286
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	28.0	42.0
249	31.4	25.0	37.4





#69

Atrazine

Concen: 39.304 ng

RT: 16.554 min Scan# 2315

Delta R.T. -0.035 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

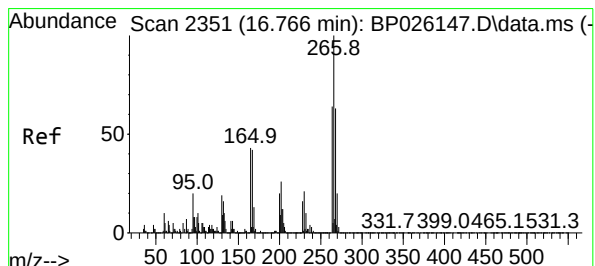
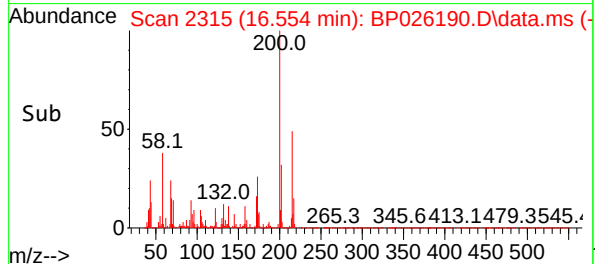
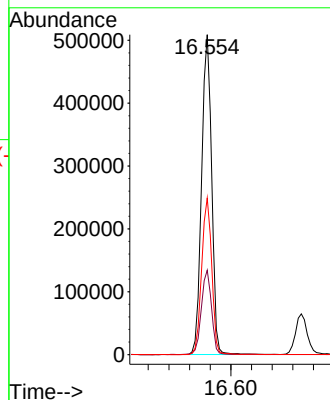
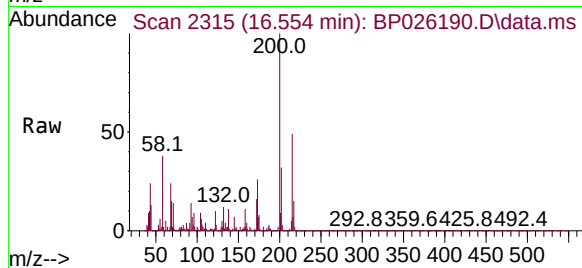
Tgt Ion:200 Resp: 688566

Ion Ratio Lower Upper

200 100

173 26.4 6.7 46.7

215 48.9 27.4 67.4



#70

Pentachlorophenol

Concen: 41.163 ng

RT: 16.736 min Scan# 2346

Delta R.T. -0.041 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

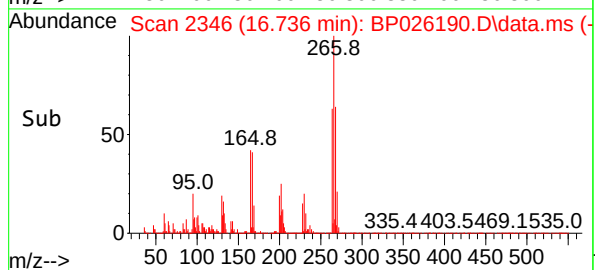
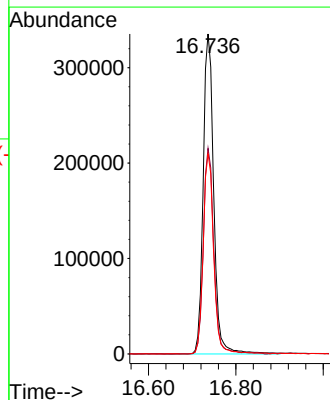
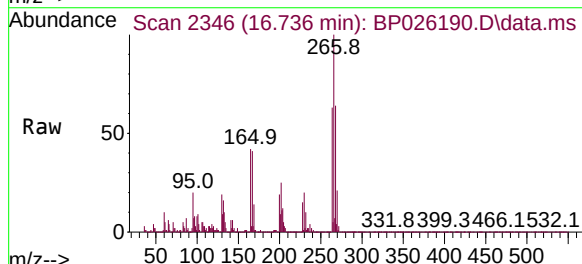
Tgt Ion:266 Resp: 555725

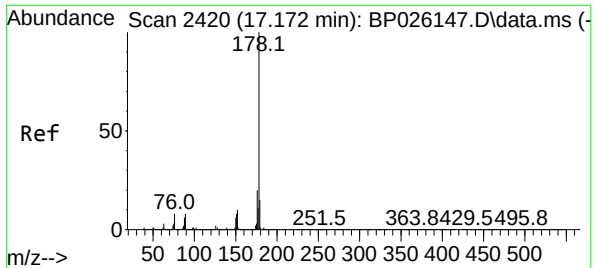
Ion Ratio Lower Upper

266 100

268 64.2 51.0 76.4

264 62.5 50.2 75.2

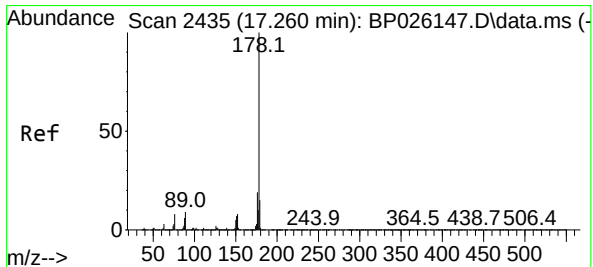
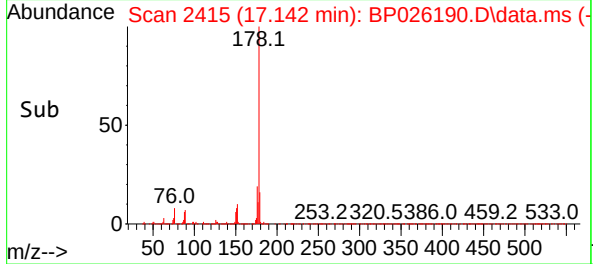
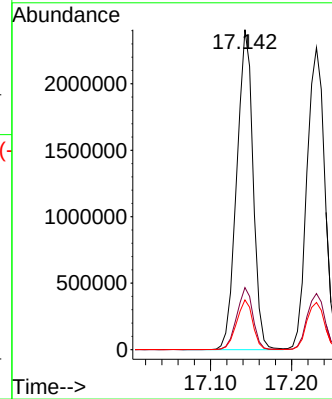
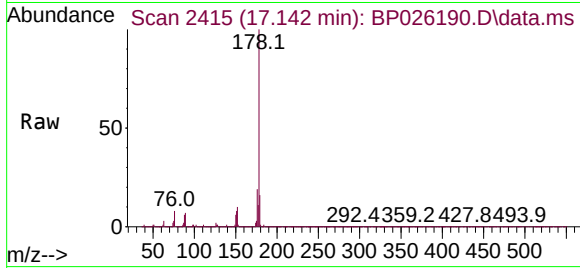




#71
Phenanthrene
Concen: 39.799 ng
RT: 17.142 min Scan# 2420
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

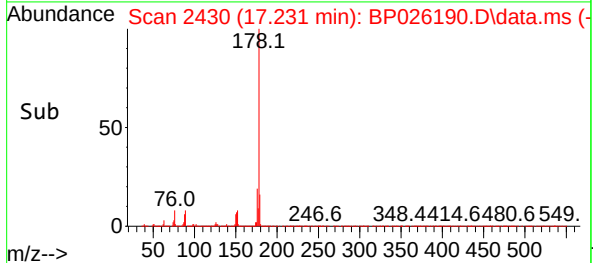
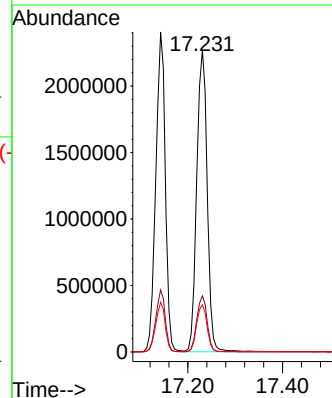
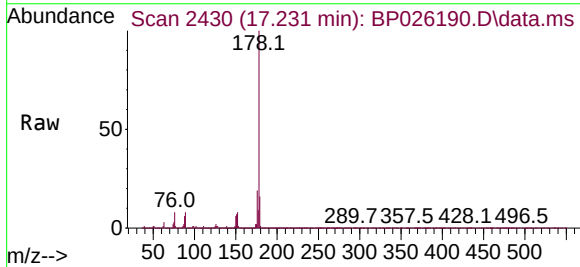
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

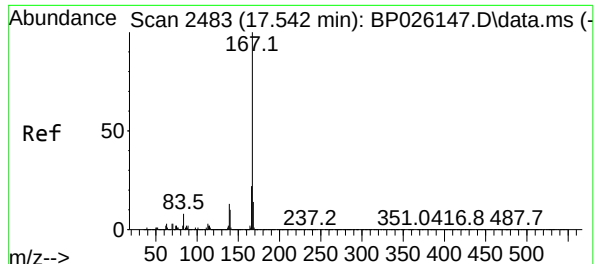
Tgt Ion:178 Resp: 3367094
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.4 18.6



#72
Anthracene
Concen: 40.378 ng
RT: 17.231 min Scan# 2430
Delta R.T. -0.041 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:178 Resp: 3484195
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.4

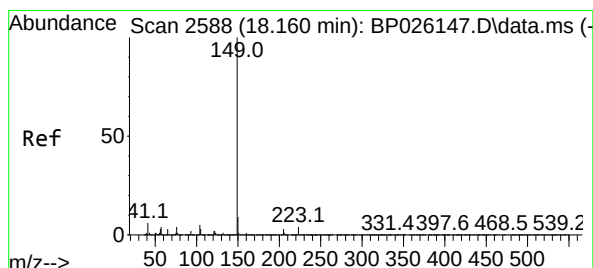
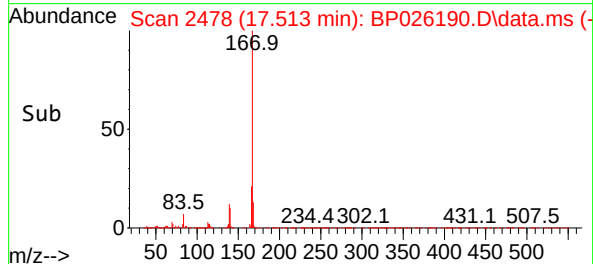
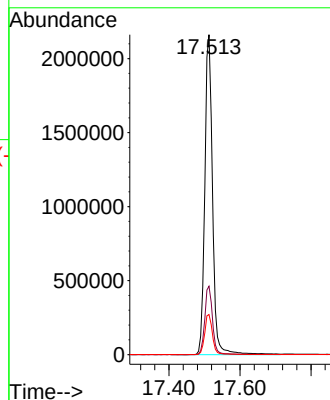
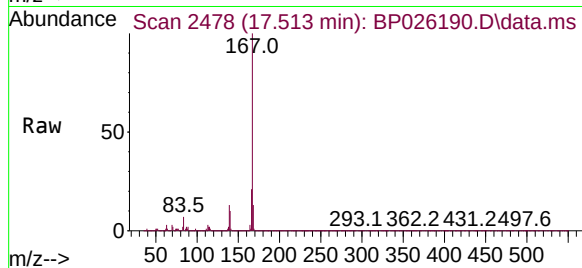




#73
 Carbazole
 Concen: 39.386 ng
 RT: 17.513 min Scan# 2483
 Delta R.T. -0.029 min
 Lab File: BP026190.D
 Acq: 26 Nov 2025 14:04

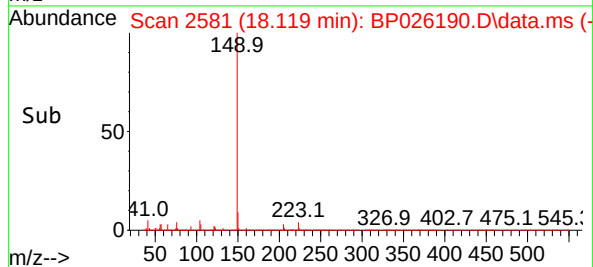
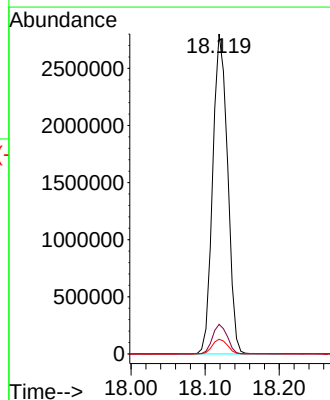
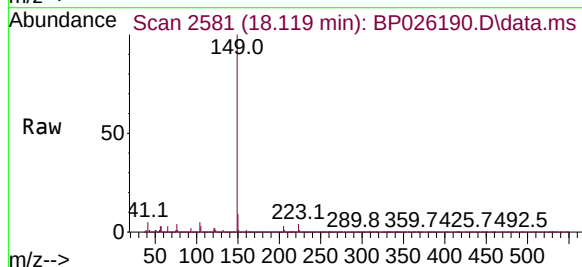
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

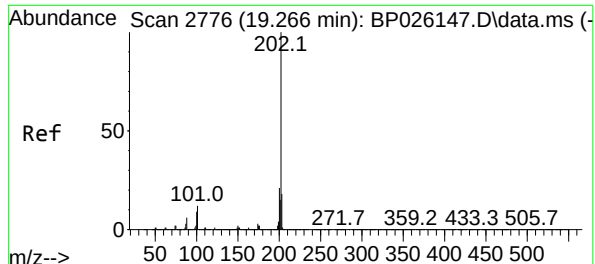
Tgt Ion:167 Resp: 3227979
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.5 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 40.204 ng
 RT: 18.119 min Scan# 2581
 Delta R.T. -0.041 min
 Lab File: BP026190.D
 Acq: 26 Nov 2025 14:04

Tgt Ion:149 Resp: 3906329
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.6 3.6 5.4

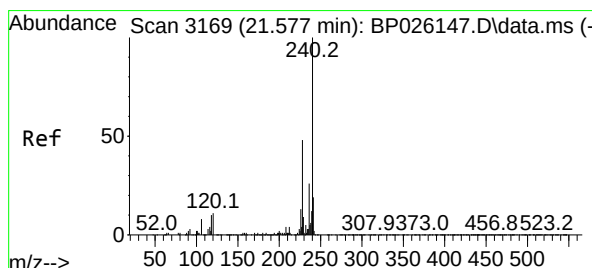
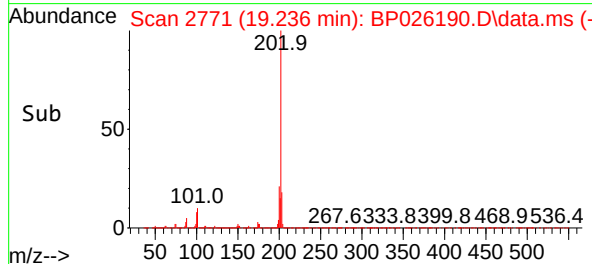
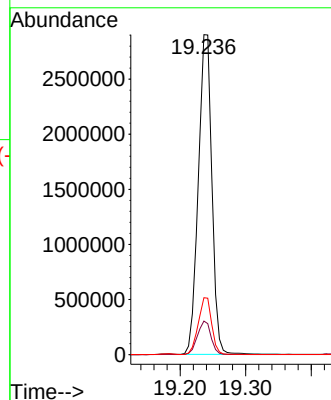
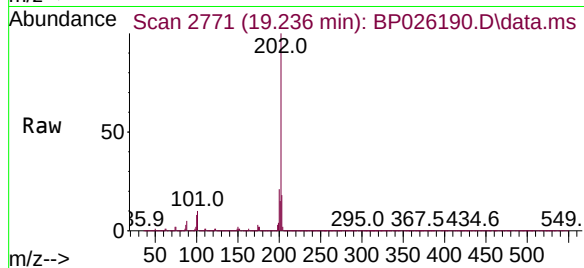




#75
Fluoranthene
Concen: 40.445 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

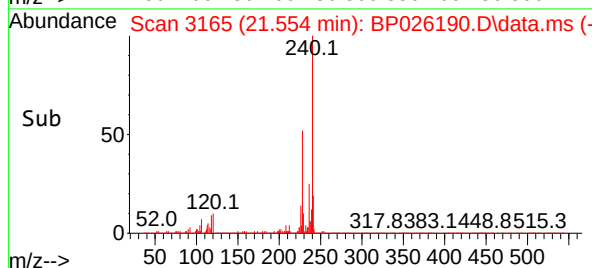
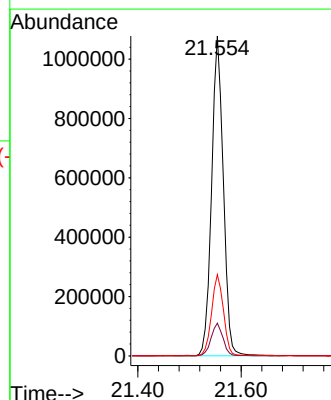
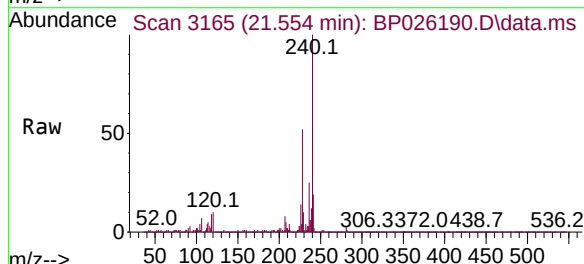
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

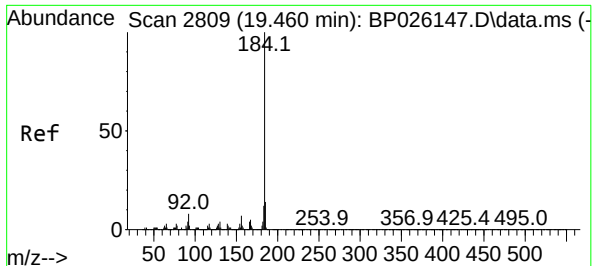
Tgt Ion:202 Resp: 4157376
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.2
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3165
Delta R.T. -0.018 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:240 Resp: 1698646
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.4 20.4 30.6

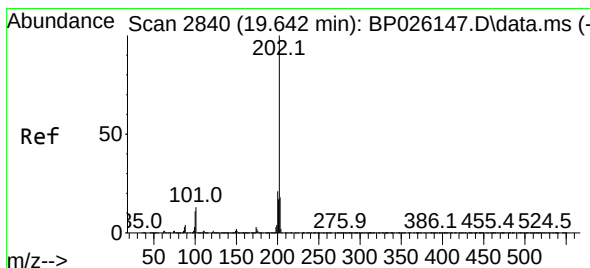
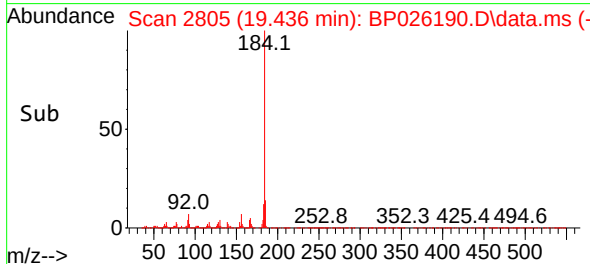
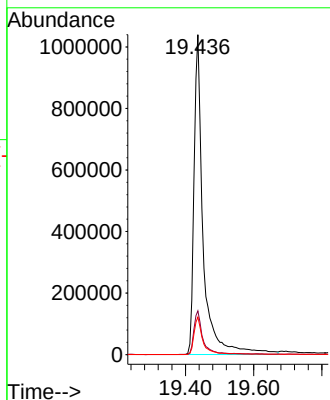
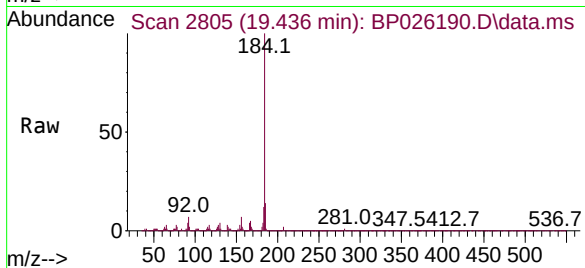




#77
Benzidine
Concen: 36.195 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

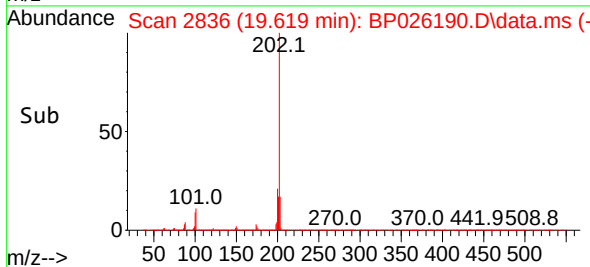
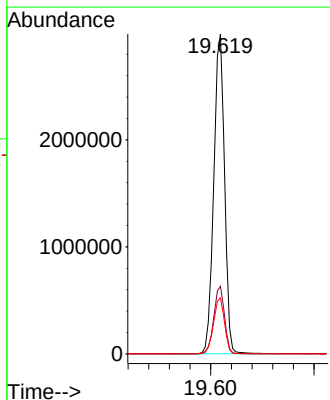
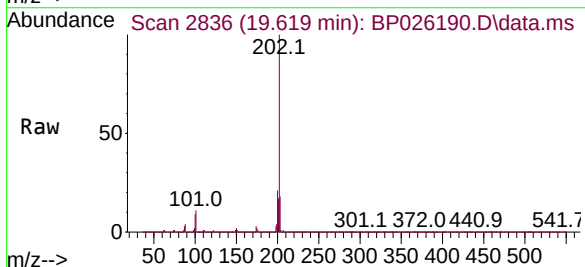
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

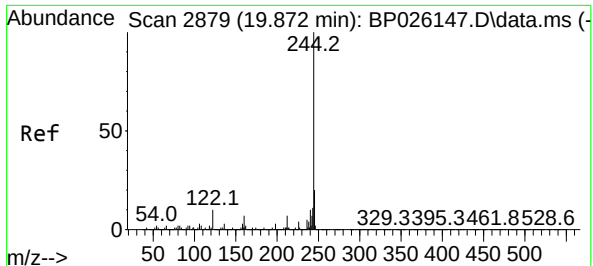
Tgt Ion:184 Resp: 1951189
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 11.7 9.0 13.6



#78
Pyrene
Concen: 38.873 ng
RT: 19.619 min Scan# 2836
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:202 Resp: 4329577
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.5 13.8 20.8

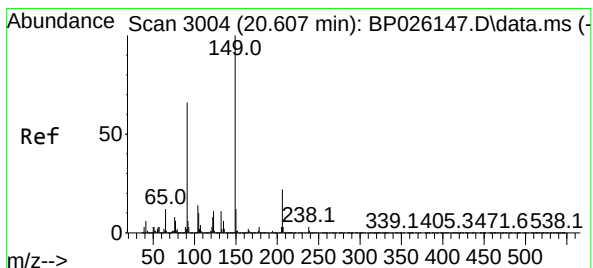
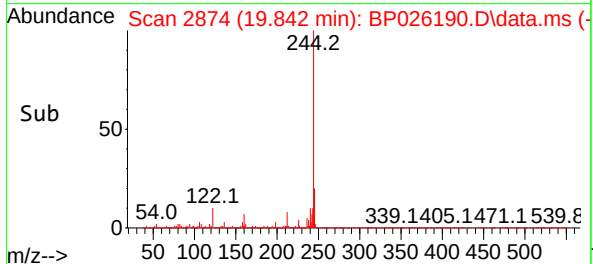
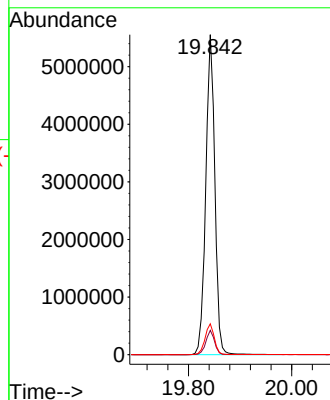
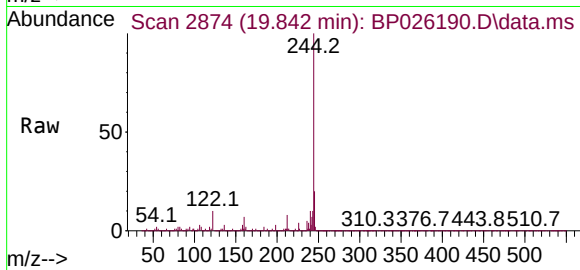




#79
Terphenyl-d14
Concen: 81.136 ng
RT: 19.842 min Scan# 2879
Delta R.T. -0.029 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

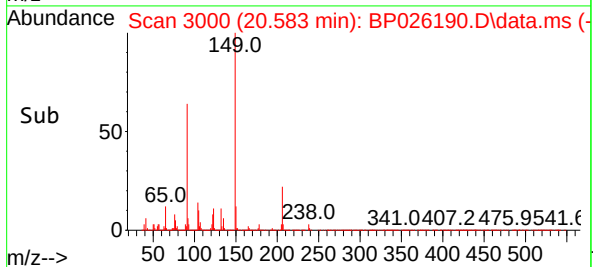
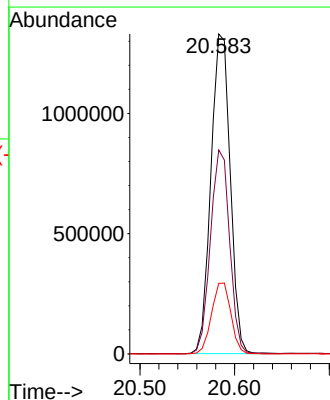
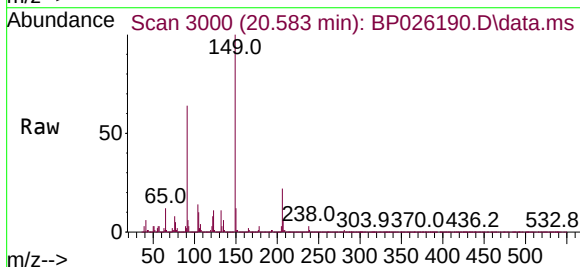
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

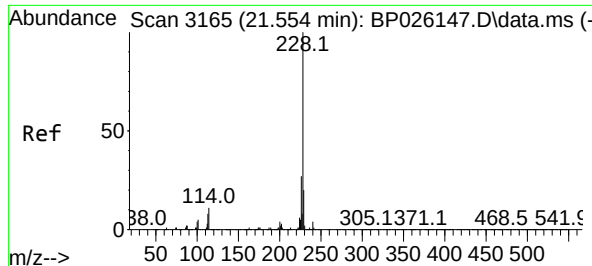
Tgt Ion:244 Resp: 6759101
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.6 8.2 12.2



#80
Butylbenzylphthalate
Concen: 38.429 ng
RT: 20.583 min Scan# 3000
Delta R.T. -0.023 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:149 Resp: 1884921
Ion Ratio Lower Upper
149 100
91 63.7 52.6 79.0
206 22.0 16.9 25.3





#81

Benzo(a)anthracene

Concen: 39.415 ng

RT: 21.530 min Scan# 3161

Delta R.T. -0.023 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

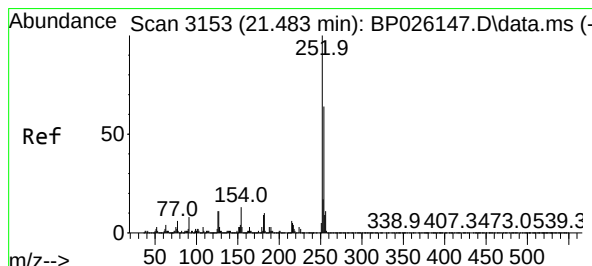
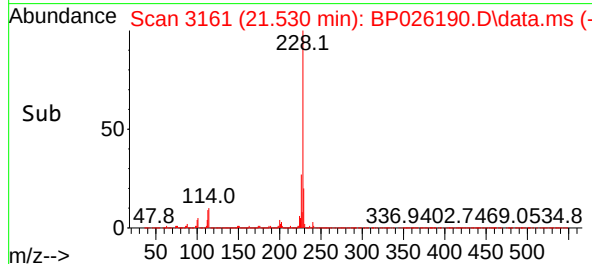
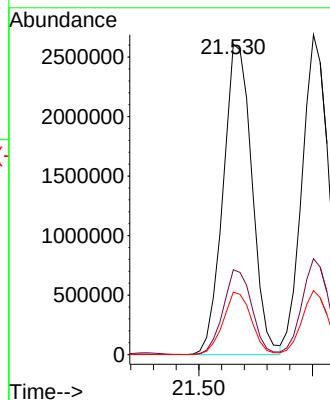
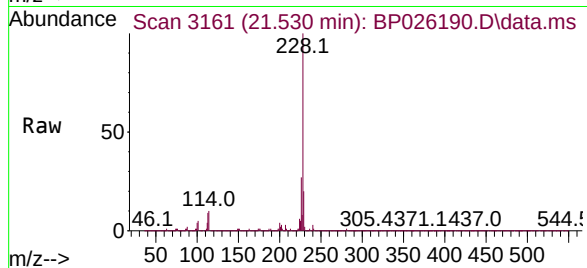
Tgt Ion:228 Resp: 4598164

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 37.690 ng

RT: 21.454 min Scan# 3148

Delta R.T. -0.035 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

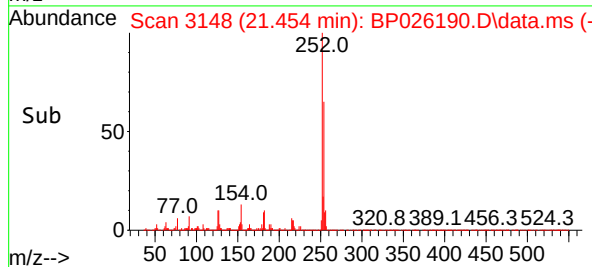
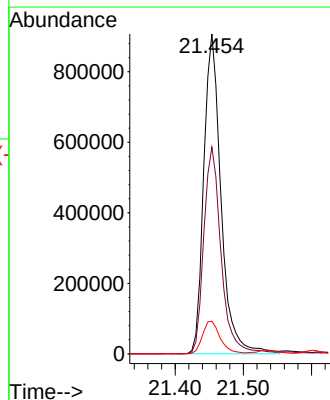
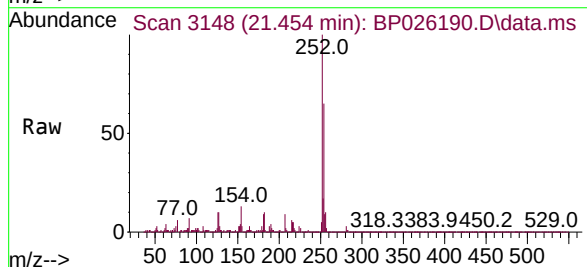
Tgt Ion:252 Resp: 1598958

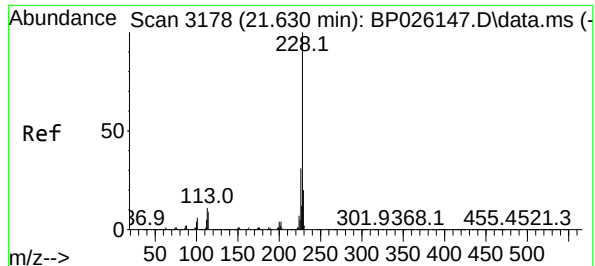
Ion Ratio Lower Upper

252 100

254 64.6 51.2 76.8

126 10.2 8.2 12.4





#83

Chrysene

Concen: 39.612 ng

RT: 21.601 min Scan# 3173

Delta R.T. -0.018 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

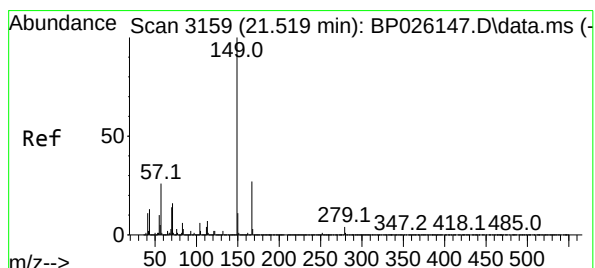
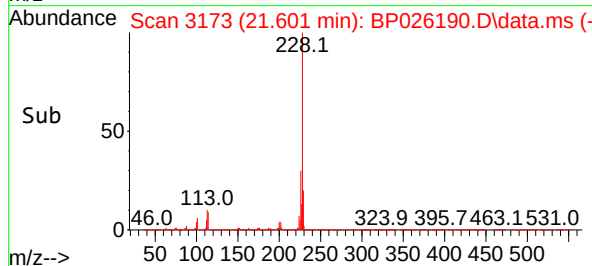
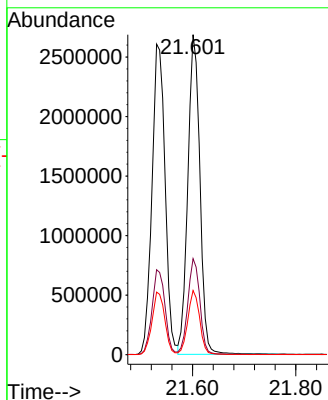
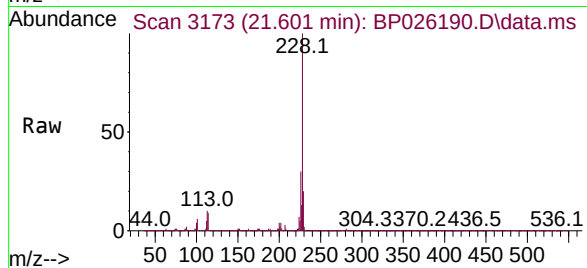
Tgt Ion:228 Resp: 4355108

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.312 ng

RT: 21.495 min Scan# 3155

Delta R.T. -0.023 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

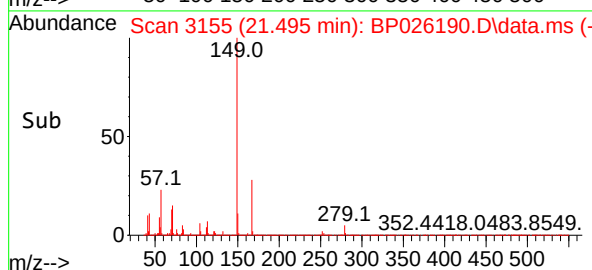
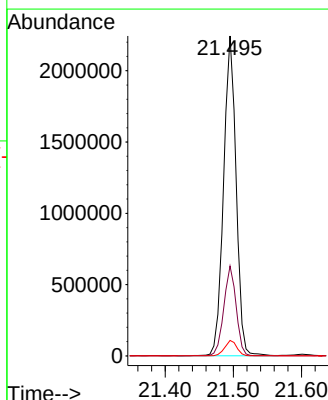
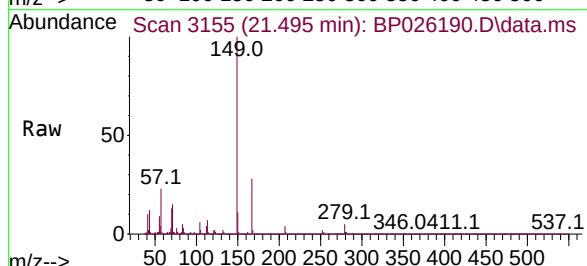
Tgt Ion:149 Resp: 2844628

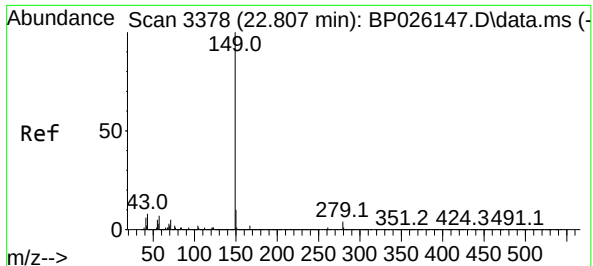
Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

279 4.8 3.3 4.9

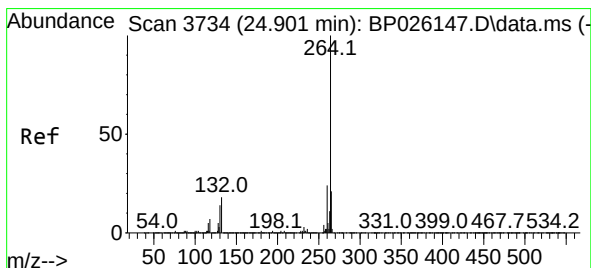
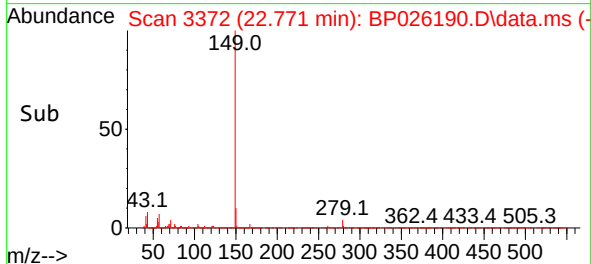
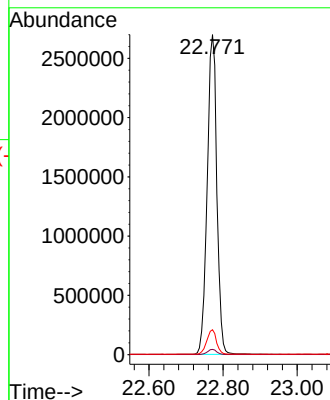
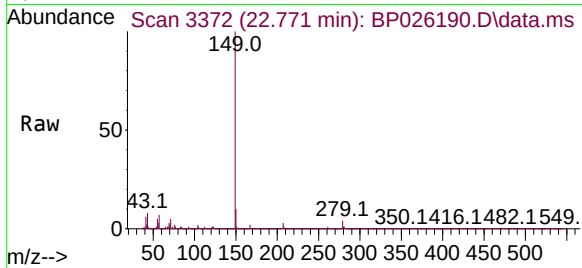




#85
Di-n-octyl phthalate
Concen: 37.427 ng
RT: 22.771 min Scan# 3372
Delta R.T. -0.035 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

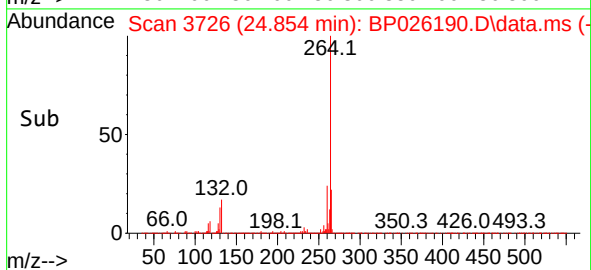
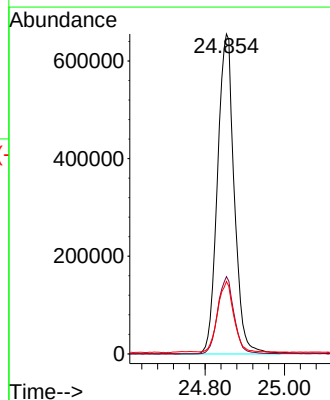
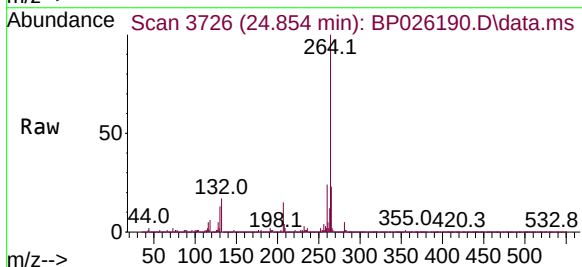
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

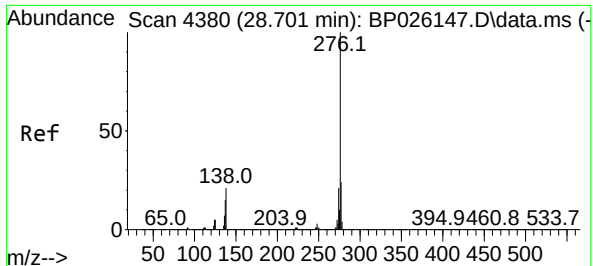
Tgt Ion:149 Resp: 4859112
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.6 6.6 10.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.854 min Scan# 3726
Delta R.T. -0.053 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:264 Resp: 1917737
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.6 17.5 26.3

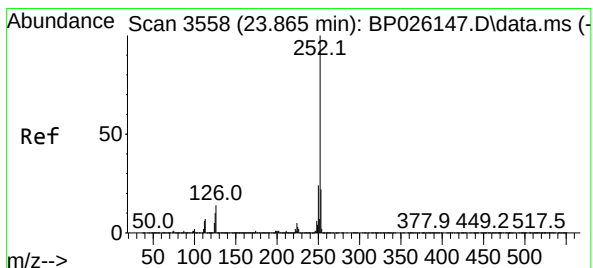
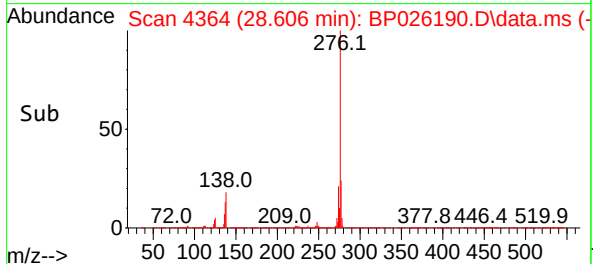
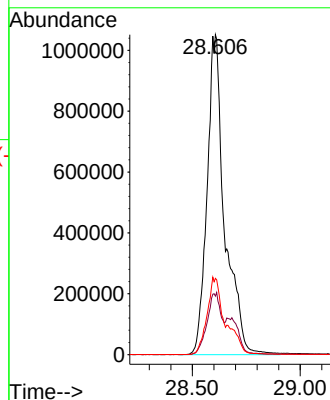
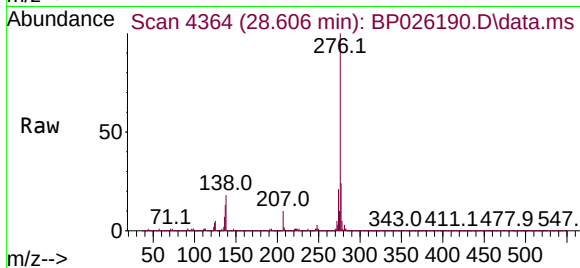




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.575 ng
RT: 28.606 min Scan# 4380
Delta R.T. -0.100 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

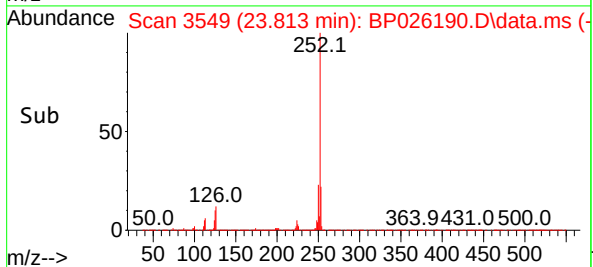
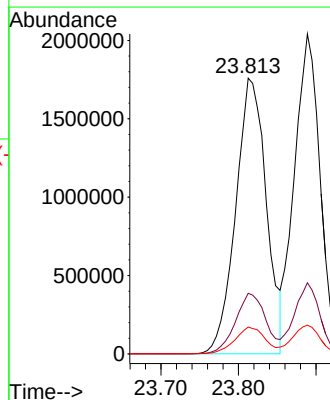
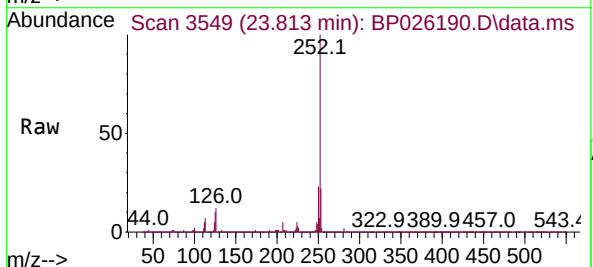
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

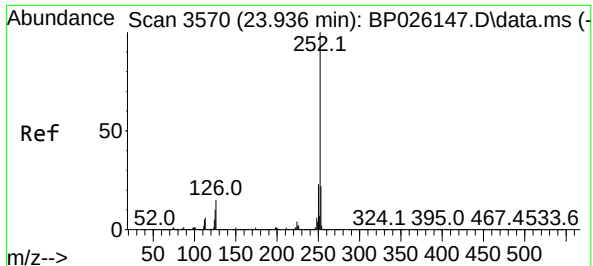
Tgt Ion:276 Resp: 5979554
Ion Ratio Lower Upper
276 100
138 15.5 13.8 20.8
277 25.2 16.7 25.1#



#88
Benzo(b)fluoranthene
Concen: 41.380 ng
RT: 23.813 min Scan# 3549
Delta R.T. -0.053 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:252 Resp: 4832663
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 40.681 ng

RT: 23.889 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

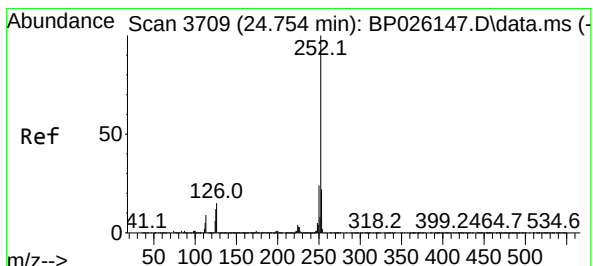
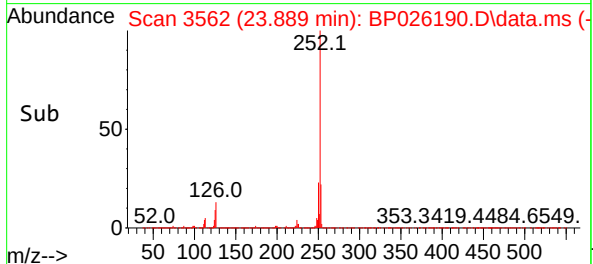
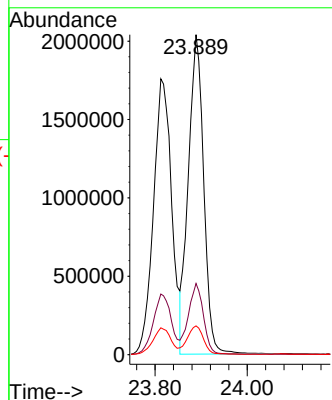
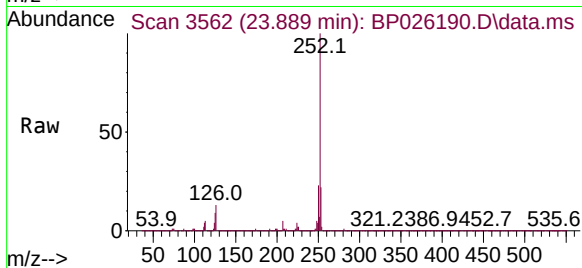
Tgt Ion:252 Resp: 4745420

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.0 7.5 11.3



#90

Benzo(a)pyrene

Concen: 40.585 ng

RT: 24.701 min Scan# 3700

Delta R.T. -0.053 min

Lab File: BP026190.D

Acq: 26 Nov 2025 14:04

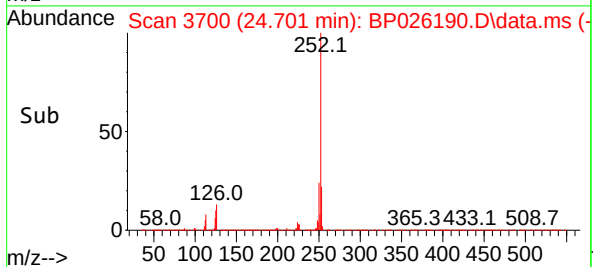
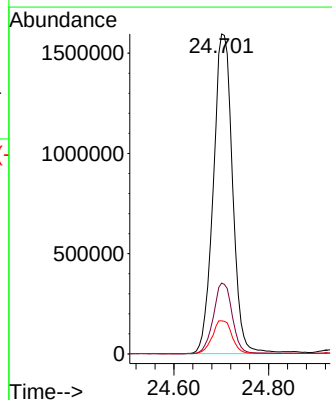
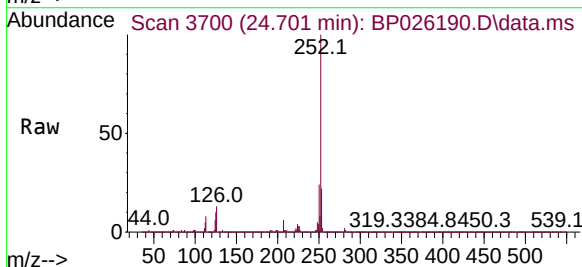
Tgt Ion:252 Resp: 4489730

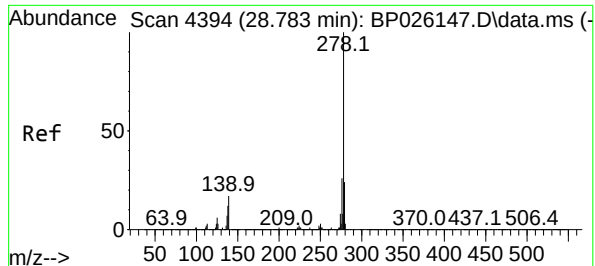
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.4 9.0 13.6

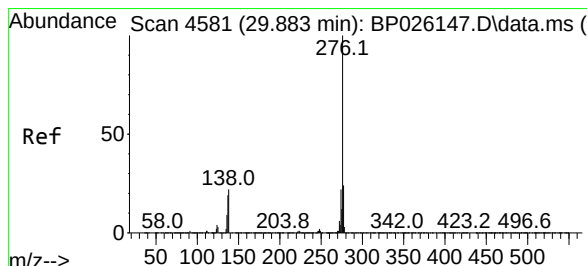
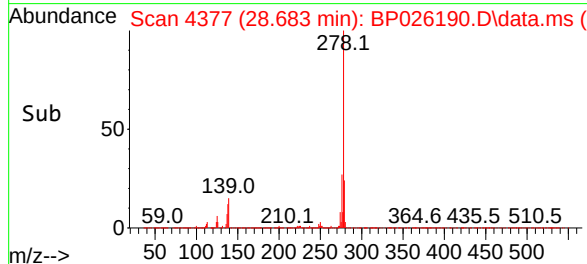
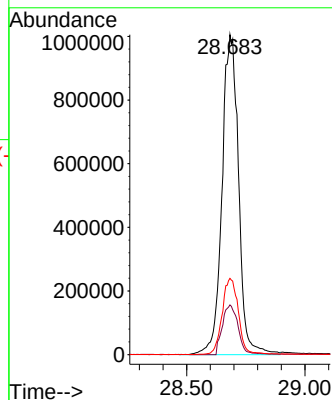
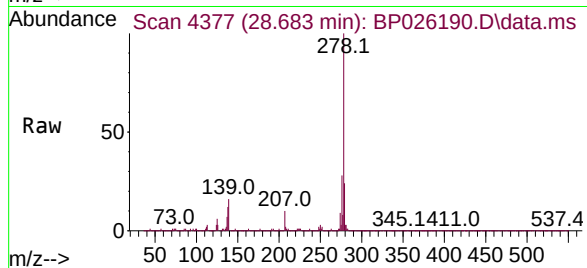




#91
Dibenzo(a,h)anthracene
Concen: 41.444 ng
RT: 28.683 min Scan# 4394
Delta R.T. -0.112 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

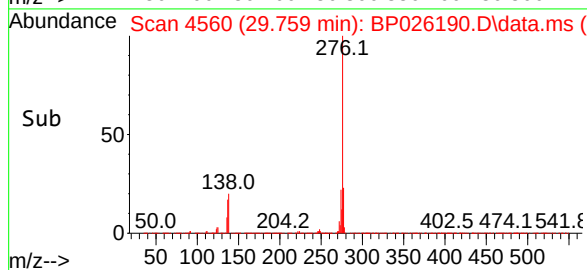
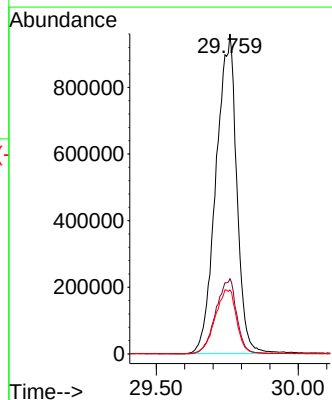
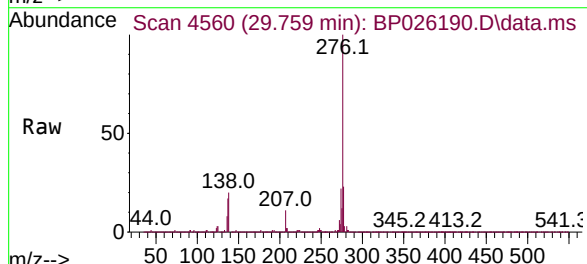
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 4879387
Ion Ratio Lower Upper
278 100
139 15.5 13.2 19.8
279 23.8 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 41.449 ng
RT: 29.759 min Scan# 4560
Delta R.T. -0.123 min
Lab File: BP026190.D
Acq: 26 Nov 2025 14:04

Tgt Ion:276 Resp: 4850424
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.0 17.8 26.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
2	1,4-Dioxane	0.505	0.486	3.8	78	0.00
3	Pyridine	1.461	1.358	7.0	73	0.00
4	n-Nitrosodimethylamine	0.546	0.500	8.4	72	0.00
5 S	2-Fluorophenol	1.246	1.185	4.9	74	0.00
6	Aniline	2.094	1.972	5.8	73	0.00
7 S	Phenol-d6	1.586	1.536	3.2	74	-0.01
8	2-Chlorophenol	1.418	1.403	1.1	77	0.00
9	Benzaldehyde	0.831	0.859	-3.4	73	0.00
10 C	Phenol	1.709	1.640	4.0	73	0.00
11	bis(2-Chloroethyl)ether	1.338	1.296	3.1	74	0.00
12	1,3-Dichlorobenzene	1.528	1.553	-1.6	80	-0.01
13 C	1,4-Dichlorobenzene	1.540	1.553	-0.8	79	0.00
14	1,2-Dichlorobenzene	1.479	1.494	-1.0	79	0.00
15	Benzyl Alcohol	1.162	1.091	6.1	72	-0.01
16	2,2'-oxybis(1-Chloropropane	1.879	1.787	4.9	73	-0.01
17	2-Methylphenol	1.163	1.142	1.8	75	-0.01
18	Hexachloroethane	0.560	0.561	-0.2	78	-0.01
19 P	n-Nitroso-di-n-propylamine	0.985	0.970	1.5	74	-0.01
20	3+4-Methylphenols	1.612	1.555	3.5	75	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	78	-0.02
22	Acetophenone	0.508	0.495	2.6	76	-0.01
23 S	Nitrobenzene-d5	0.352	0.339	3.7	74	-0.01
24	Nitrobenzene	0.356	0.345	3.1	74	-0.01
25	Isophorone	0.698	0.678	2.9	74	-0.02
26 C	2-Nitrophenol	0.180	0.178	1.1	73	-0.02
27	2,4-Dimethylphenol	0.325	0.288	11.4	68	-0.01
28	bis(2-Chloroethoxy)methane	0.437	0.417	4.6	74	-0.02
29 C	2,4-Dichlorophenol	0.325	0.327	-0.6	77	-0.02
30	1,2,4-Trichlorobenzene	0.331	0.339	-2.4	80	-0.02
31	Naphthalene	1.081	1.077	0.4	78	-0.02
32	Benzoic acid	0.274	0.232	15.3	65	-0.02
33	4-Chloroaniline	0.460	0.444	3.5	73	-0.02
34 C	Hexachlorobutadiene	0.215	0.224	-4.2	81	-0.02
35	Caprolactam	0.116	0.113	2.6	74	-0.02
36 C	4-Chloro-3-methylphenol	0.345	0.343	0.6	75	-0.02
37	2-Methylnaphthalene	0.766	0.774	-1.0	78	-0.02
38	1-Methylnaphthalene	0.749	0.754	-0.7	77	-0.02
39 I	Acenaphthene-d10	1.000	1.000	0.0	78	-0.04
40	1,2,4,5-Tetrachlorobenzene	0.605	0.618	-2.1	81	-0.02
41 P	Hexachlorocyclopentadiene	0.396	0.331	16.4	65	-0.02
42 S	2,4,6-Tribromophenol	0.259	0.283	-9.3	84	-0.04
43 C	2,4,6-Trichlorophenol	0.415	0.419	-1.0	78	-0.02
44	2,4,5-Trichlorophenol	0.463	0.476	-2.8	80	-0.02
45 S	2-Fluorobiphenyl	1.365	1.389	-1.8	81	-0.03
46	1,1'-Biphenyl	1.506	1.486	1.3	78	-0.02
47	2-Chloronaphthalene	1.184	1.166	1.5	78	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.329	0.309	6.1	72	-0.03
49	Acenaphthylene	1.953	1.945	0.4	78	-0.03
50	Dimethylphthalate	1.494	1.484	0.7	78	-0.03
51	2,6-Dinitrotoluene	0.296	0.306	-3.4	76	-0.03
52 C	Acenaphthene	1.145	1.138	0.6	78	-0.03
53	3-Nitroaniline	0.349	0.335	4.0	72	-0.03
54 P	2,4-Dinitrophenol	0.179	0.172	3.9	72	-0.04
55	Dibenzofuran	1.773	1.797	-1.4	80	-0.03
56 P	4-Nitrophenol	0.315	0.287	8.9	71	-0.04
57	2,4-Dinitrotoluene	0.442	0.457	-3.4	76	-0.04
58	Fluorene	1.401	1.433	-2.3	81	-0.04
59	2,3,4,6-Tetrachlorophenol	0.393	0.409	-4.1	80	-0.04
60	Diethylphthalate	1.505	1.489	1.1	77	-0.04
61	4-Chlorophenyl-phenylether	0.697	0.717	-2.9	81	-0.04
62	4-Nitroaniline	0.362	0.337	6.9	72	-0.03
63	Azobenzene	1.269	1.234	2.8	75	-0.04
64 I	Phenanthrene-d10	1.000	1.000	0.0	80	-0.04
65	4,6-Dinitro-2-methylphenol	0.127	0.125	1.6	75	-0.04
66 c	n-Nitrosodiphenylamine	0.619	0.613	1.0	79	-0.04
67	4-Bromophenyl-phenylether	0.221	0.229	-3.6	80	-0.04
68	Hexachlorobenzene	0.257	0.267	-3.9	81	-0.04
69	Atrazine	0.233	0.229	1.7	77	-0.04
70 C	Pentachlorophenol	0.180	0.185	-2.8	81	-0.04
71	Phenanthrene	1.127	1.121	0.5	80	-0.04
72	Anthracene	1.149	1.160	-1.0	79	-0.04
73	Carbazole	1.091	1.075	1.5	78	-0.03
74	Di-n-butylphthalate	1.294	1.301	-0.5	77	-0.04
75 C	Fluoranthene	1.369	1.384	-1.1	81	-0.03
76 I	Chrysene-d12	1.000	1.000	0.0	85	-0.02
77	Benzydine	0.635	0.574	9.6	79	-0.03
78	Pyrene	1.311	1.274	2.8	81	-0.02
79 S	Terphenyl-d14	0.981	0.995	-1.4	85	-0.03
80	Butylbenzylphthalate	0.578	0.555	4.0	78	-0.02
81	Benzo(a)anthracene	1.374	1.353	1.5	84	-0.02
82	3,3'-Dichlorobenzidine	0.500	0.471	5.8	80	-0.04
83	Chrysene	1.295	1.282	1.0	85	-0.02
84	Bis(2-ethylhexyl)phthalate	0.874	0.837	4.2	76	-0.02
85 c	Di-n-octyl phthalate	1.529	1.430	6.5	77	-0.04
86 I	Perylene-d12	1.000	1.000	0.0	85	-0.05
87	Indeno(1,2,3-cd)pyrene	1.500	1.559	-3.9	88	-0.10
88	Benzo(b)fluoranthene	1.218	1.260	-3.4	87	-0.05
89	Benzo(k)fluoranthene	1.217	1.237	-1.6	87	-0.05
90 C	Benzo(a)pyrene	1.154	1.171	-1.5	86	-0.05
91	Dibenzo(a,h)anthracene	1.228	1.272	-3.6	88	-0.11
92	Benzo(g,h,i)perylene	1.220	1.265	-3.7	88	-0.12

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	78	0.00
2	1,4-Dioxane	40.000	38.474	3.8	78	0.00
3	Pyridine	40.000	37.182	7.0	73	0.00
4	n-Nitrosodimethylamine	40.000	36.645	8.4	72	0.00
5 S	2-Fluorophenol	80.000	76.074	4.9	74	0.00
6	Aniline	40.000	37.655	5.9	73	0.00
7 S	Phenol-d6	80.000	77.469	3.2	74	-0.01
8	2-Chlorophenol	40.000	39.566	1.1	77	0.00
9	Benzaldehyde	40.000	41.356	-3.4	73	0.00
10 C	Phenol	40.000	38.377	4.1	73	0.00
11	bis(2-Chloroethyl)ether	40.000	38.745	3.1	74	0.00
12	1,3-Dichlorobenzene	40.000	40.666	-1.7	80	-0.01
13 C	1,4-Dichlorobenzene	40.000	40.343	-0.9	79	0.00
14	1,2-Dichlorobenzene	40.000	40.425	-1.1	79	0.00
15	Benzyl Alcohol	40.000	37.562	6.1	72	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	38.036	4.9	73	-0.01
17	2-Methylphenol	40.000	39.275	1.8	75	-0.01
18	Hexachloroethane	40.000	40.088	-0.2	78	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	39.388	1.5	74	-0.01
20	3+4-Methylphenols	40.000	38.595	3.5	75	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	78	-0.02
22	Acetophenone	40.000	38.955	2.6	76	-0.01
23 S	Nitrobenzene-d5	80.000	77.009	3.7	74	-0.01
24	Nitrobenzene	40.000	38.737	3.2	74	-0.01
25	Isophorone	40.000	38.843	2.9	74	-0.02
26 C	2-Nitrophenol	40.000	39.520	1.2	73	-0.02
27	2,4-Dimethylphenol	40.000	35.401	11.5	68	-0.01
28	bis(2-Chloroethoxy)methane	40.000	38.166	4.6	74	-0.02
29 C	2,4-Dichlorophenol	40.000	40.248	-0.6	77	-0.02
30	1,2,4-Trichlorobenzene	40.000	40.970	-2.4	80	-0.02
31	Naphthalene	40.000	39.846	0.4	78	-0.02
32	Benzoic acid	40.000	33.881	15.3	65	-0.02
33	4-Chloroaniline	40.000	38.647	3.4	73	-0.02
34 C	Hexachlorobutadiene	40.000	41.656	-4.1	81	-0.02
35	Caprolactam	40.000	38.718	3.2	74	-0.02
36 C	4-Chloro-3-methylphenol	40.000	39.714	0.7	75	-0.02
37	2-Methylnaphthalene	40.000	40.411	-1.0	78	-0.02
38	1-Methylnaphthalene	40.000	40.272	-0.7	77	-0.02
39 I	Acenaphthene-d10	20.000	20.000	0.0	78	-0.04
40	1,2,4,5-Tetrachlorobenzene	40.000	40.855	-2.1	81	-0.02
41 P	Hexachlorocyclopentadiene	40.000	33.460	16.3	65	-0.02
42 S	2,4,6-Tribromophenol	80.000	87.271	-9.1	84	-0.04
43 C	2,4,6-Trichlorophenol	40.000	40.449	-1.1	78	-0.02
44	2,4,5-Trichlorophenol	40.000	41.124	-2.8	80	-0.02
45 S	2-Fluorobiphenyl	80.000	81.419	-1.8	81	-0.03
46	1,1'-Biphenyl	40.000	39.470	1.3	78	-0.02
47	2-Chloronaphthalene	40.000	39.383	1.5	78	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	37.522	6.2	72	-0.03
49	Acenaphthylene	40.000	39.825	0.4	78	-0.03
50	Dimethylphthalate	40.000	39.727	0.7	78	-0.03
51	2,6-Dinitrotoluene	40.000	41.338	-3.3	76	-0.03
52 C	Acenaphthene	40.000	39.764	0.6	78	-0.03
53	3-Nitroaniline	40.000	38.439	3.9	72	-0.03
54 P	2,4-Dinitrophenol	40.000	38.476	3.8	72	-0.04
55	Dibenzofuran	40.000	40.551	-1.4	80	-0.03
56 P	4-Nitrophenol	40.000	36.400	9.0	71	-0.04
57	2,4-Dinitrotoluene	40.000	41.321	-3.3	76	-0.04
58	Fluorene	40.000	40.906	-2.3	81	-0.04
59	2,3,4,6-Tetrachlorophenol	40.000	41.708	-4.3	80	-0.04
60	Diethylphthalate	40.000	39.588	1.0	77	-0.04
61	4-Chlorophenyl-phenylether	40.000	41.145	-2.9	81	-0.04
62	4-Nitroaniline	40.000	37.250	6.9	72	-0.03
63	Azobenzene	40.000	38.915	2.7	75	-0.04
64 I	Phenanthrene-d10	20.000	20.000	0.0	80	-0.04
65	4,6-Dinitro-2-methylphenol	40.000	39.438	1.4	75	-0.04
66 c	n-Nitrosodiphenylamine	40.000	39.653	0.9	79	-0.04
67	4-Bromophenyl-phenylether	40.000	41.382	-3.5	80	-0.04
68	Hexachlorobenzene	40.000	41.599	-4.0	81	-0.04
69	Atrazine	40.000	39.304	1.7	77	-0.04
70 C	Pentachlorophenol	40.000	41.163	-2.9	81	-0.04
71	Phenanthrene	40.000	39.799	0.5	80	-0.04
72	Anthracene	40.000	40.378	-0.9	79	-0.04
73	Carbazole	40.000	39.386	1.5	78	-0.03
74	Di-n-butylphthalate	40.000	40.204	-0.5	77	-0.04
75 C	Fluoranthene	40.000	40.445	-1.1	81	-0.03
76 I	Chrysene-d12	20.000	20.000	0.0	85	-0.02
77	Benzydine	40.000	36.195	9.5	79	-0.03
78	Pyrene	40.000	38.873	2.8	81	-0.02
79 S	Terphenyl-d14	80.000	81.136	-1.4	85	-0.03
80	Butylbenzylphthalate	40.000	38.429	3.9	78	-0.02
81	Benzo(a)anthracene	40.000	39.415	1.5	84	-0.02
82	3,3'-Dichlorobenzidine	40.000	37.690	5.8	80	-0.04
83	Chrysene	40.000	39.612	1.0	85	-0.02
84	Bis(2-ethylhexyl)phthalate	40.000	38.312	4.2	76	-0.02
85 c	Di-n-octyl phthalate	40.000	37.427	6.4	77	-0.04
86 I	Perylene-d12	20.000	20.000	0.0	85	-0.05
87	Indeno(1,2,3-cd)pyrene	40.000	41.575	-3.9	88	-0.10
88	Benzo(b)fluoranthene	40.000	41.380	-3.5	87	-0.05
89	Benzo(k)fluoranthene	40.000	40.681	-1.7	87	-0.05
90 C	Benzo(a)pyrene	40.000	40.585	-1.5	86	-0.05
91	Dibenzo(a,h)anthracene	40.000	41.444	-3.6	88	-0.11
92	Benzo(g,h,i)perylene	40.000	41.449	-3.6	88	-0.12

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026190.D
Acq On : 26 Nov 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Nov 26 14:52:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0



QC SAMPLE DATA

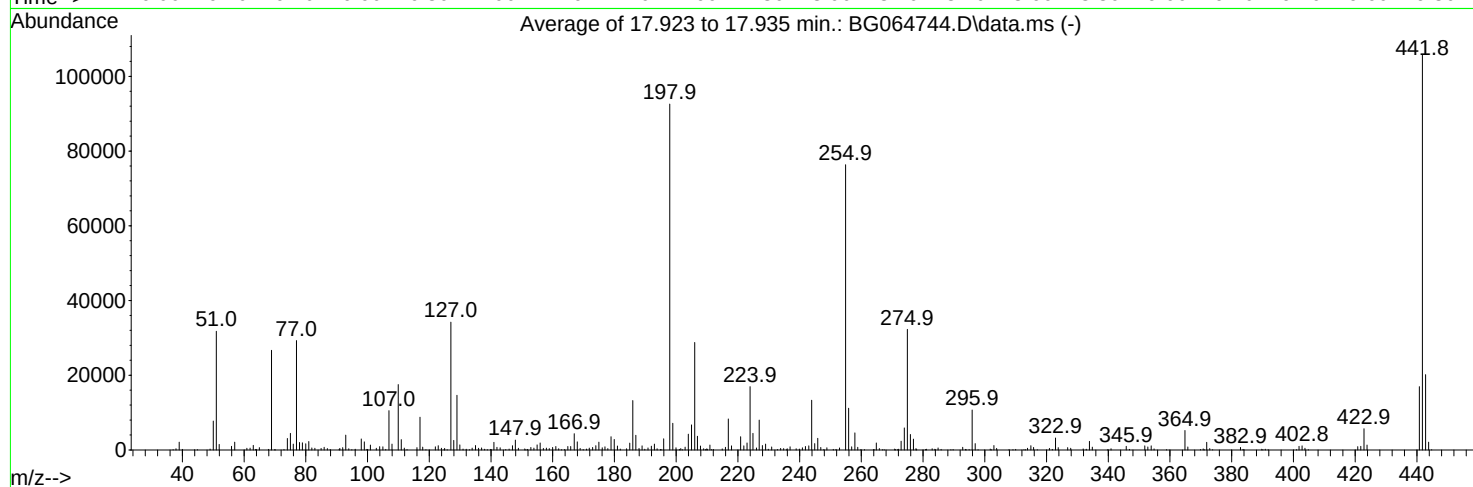
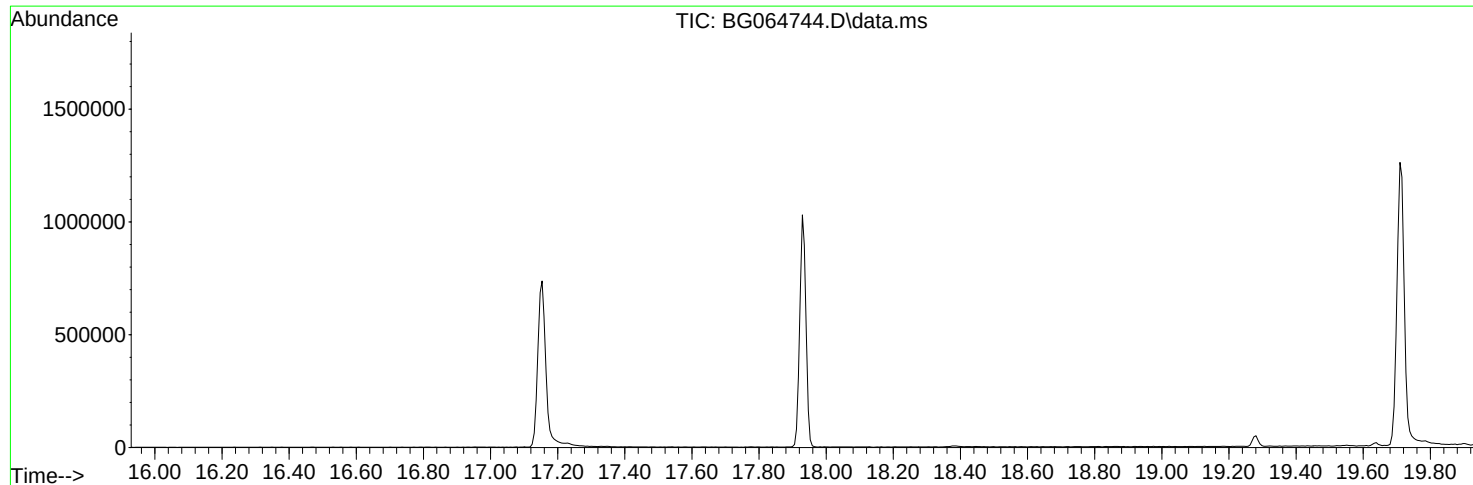
- 1
- 2
- 3
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- 11
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- 16
- 17
- 18

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064744.D
Acq On : 12 Nov 2025 10:37
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-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 12 17:10:56 2025



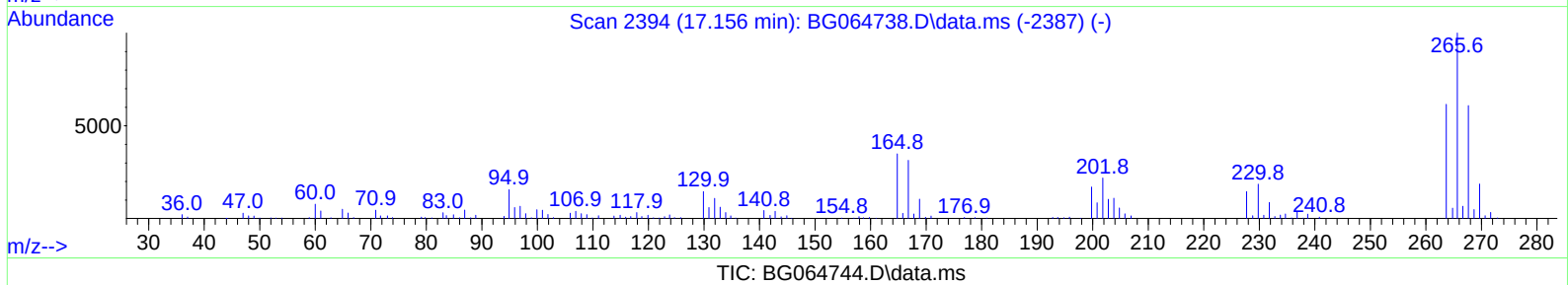
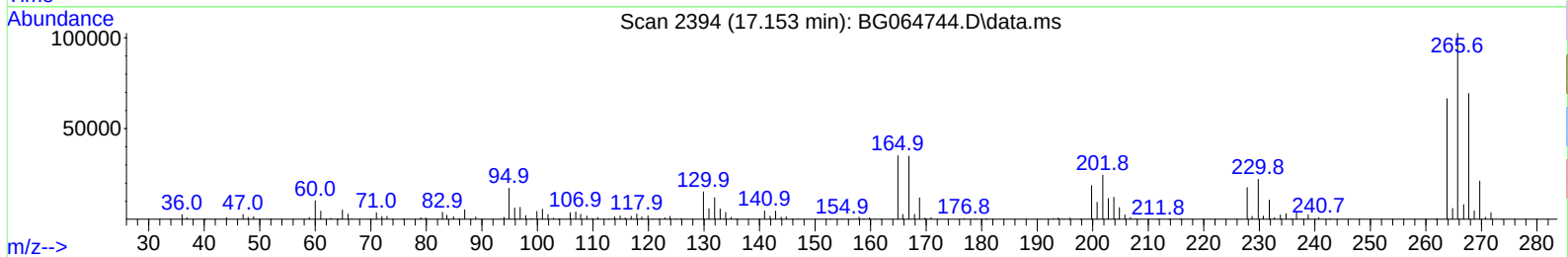
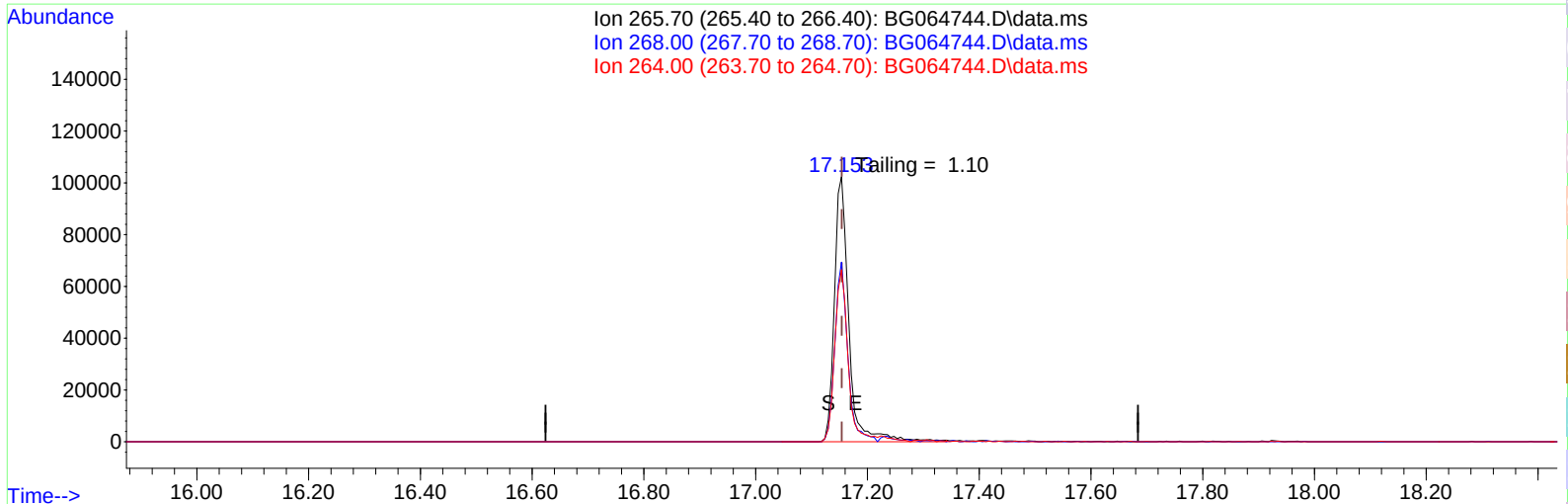
AutoFind: Scans 2525, 2526, 2527; Background Corrected with Scan 2519

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.6	163	PASS
69	69	100	100	100.0	26656	PASS
70	69	0.00	2	0.2	66	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	92589	PASS
199	198	5	9	7.7	7122	PASS
365	198	1	100	5.6	5213	PASS
441	443	0.01	150	84.2	16956	PASS
442	442	100	100	100.0	105680	PASS
443	442	15	24	19.1	20135	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064744.D
Acq On : 12 Nov 2025 10:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 12 11:53:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 01:10:41 2025
Response via : Initial Calibration

**(70) Pentachlorophenol (C)**

17.153min (-0.001) 31332.04 ng

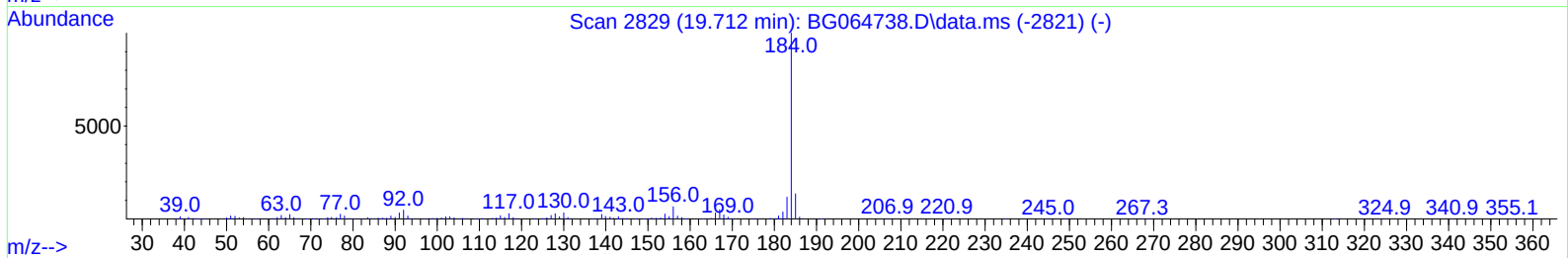
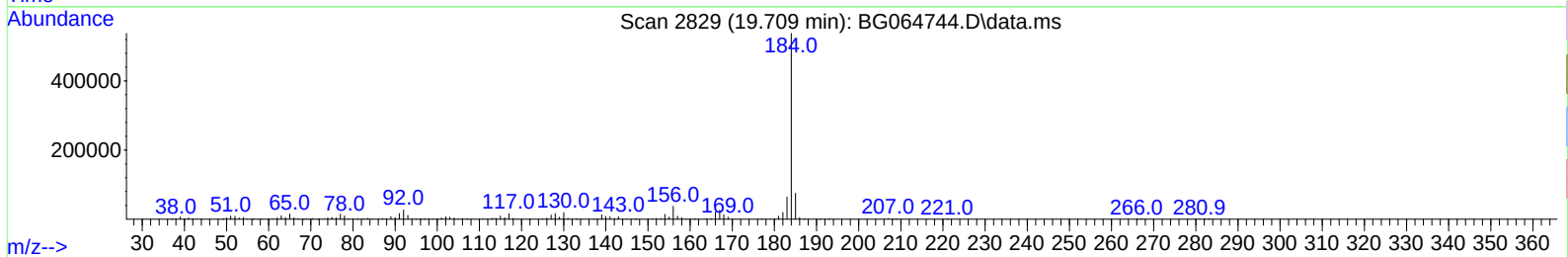
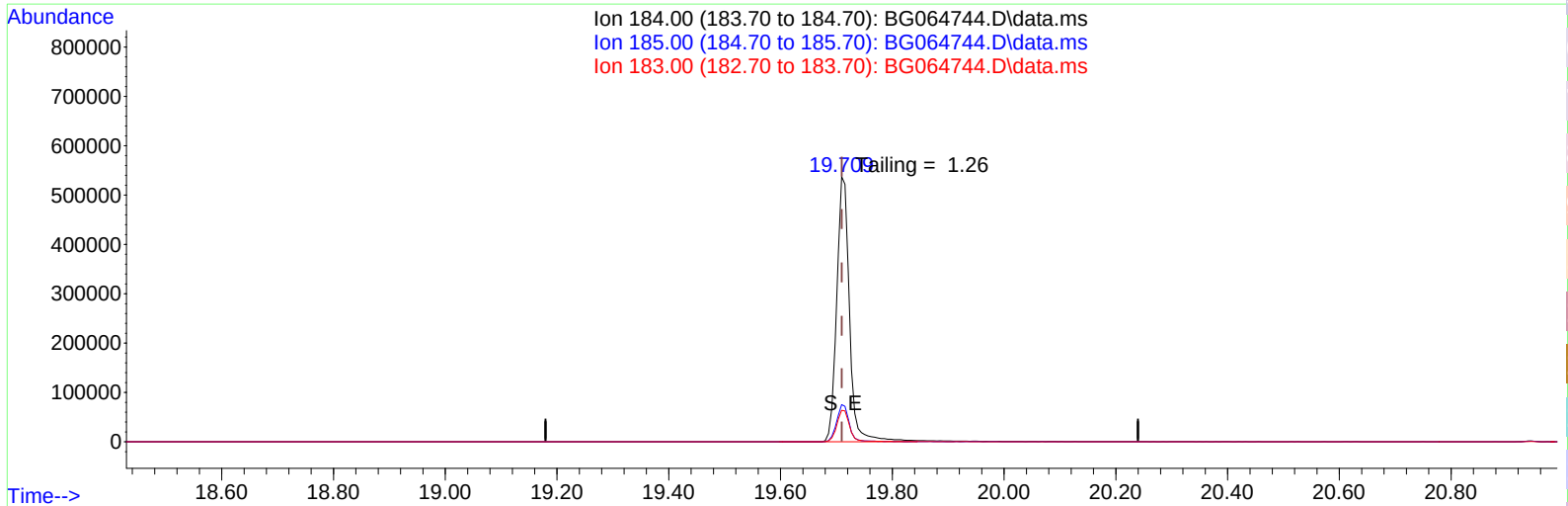
response 182303

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	72.31
264.00	61.60	64.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064744.D
Acq On : 12 Nov 2025 10:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 12 11:53:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 01:10:41 2025
Response via : Initial Calibration



TIC: BG064744.D\data.ms

(77) Benzidine

19.709min (-0.000) 0.00 ng

response 866225

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	13.60	14.01
183.00	11.80	11.91
0.00	0.00	0.00

Instrument :
 BNA_G
 ClientSampleId :
 DFTPP

DDT Breakdown

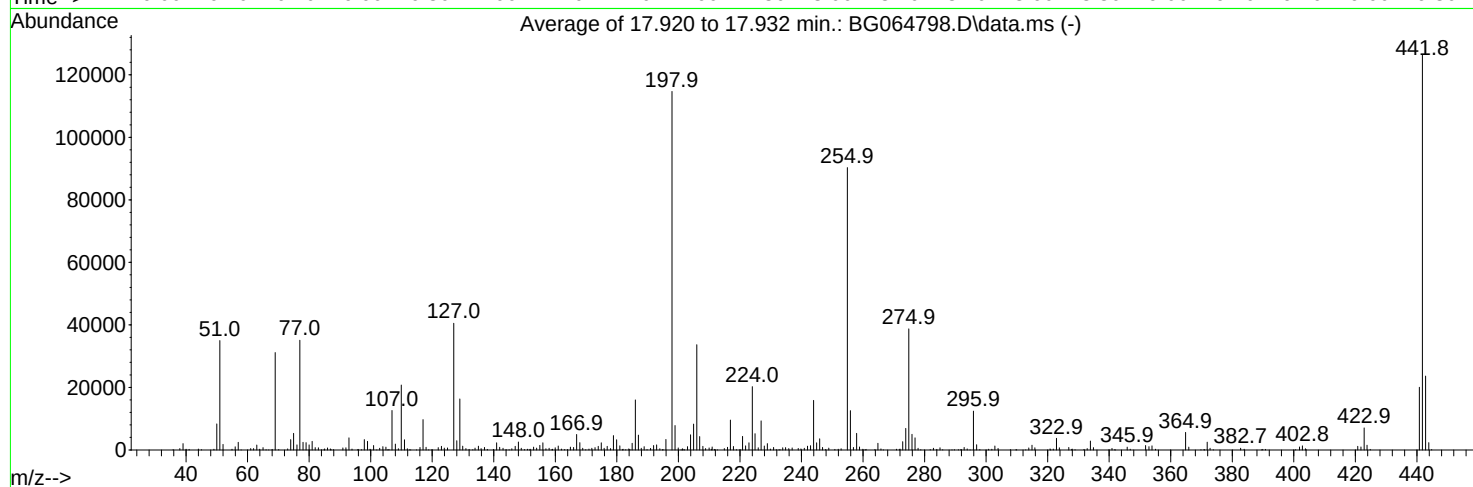
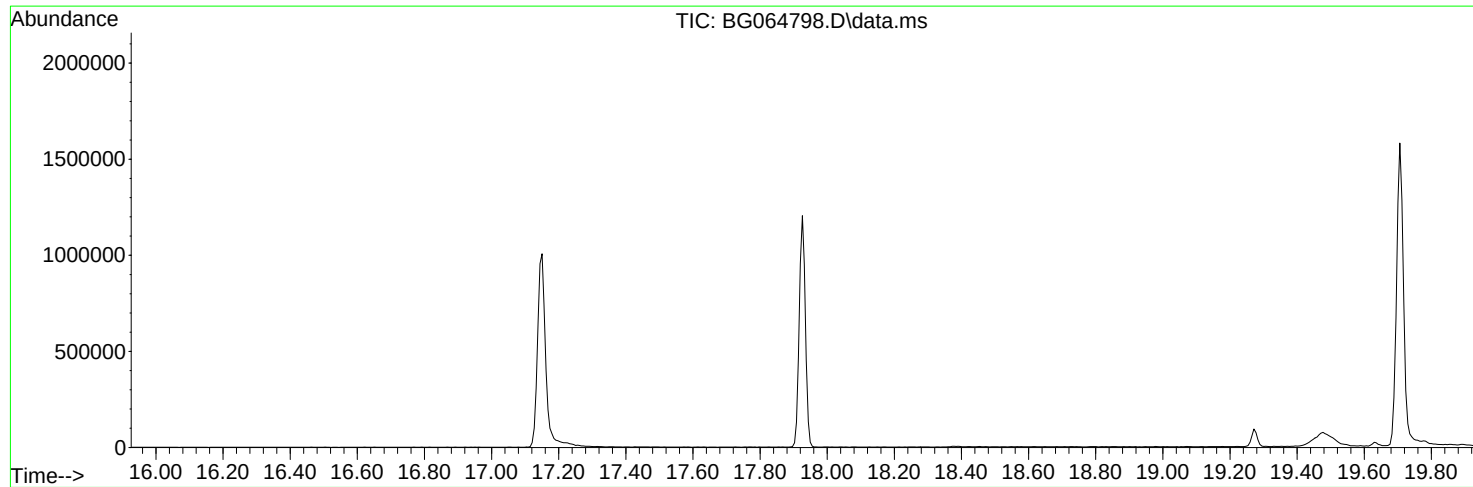
Date	Instrument Name	DFTPP Data File
11/12/2025	BNA_G	BG064744.D
Compound Name	Response	Retention Time
DDT	495175	20.943
DDD	6870	20.502
DDE	65	19.275
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6935	502110	1.38

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064798.D
Acq On : 18 Nov 2025 11:30
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-BG111225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 12 17:10:56 2025



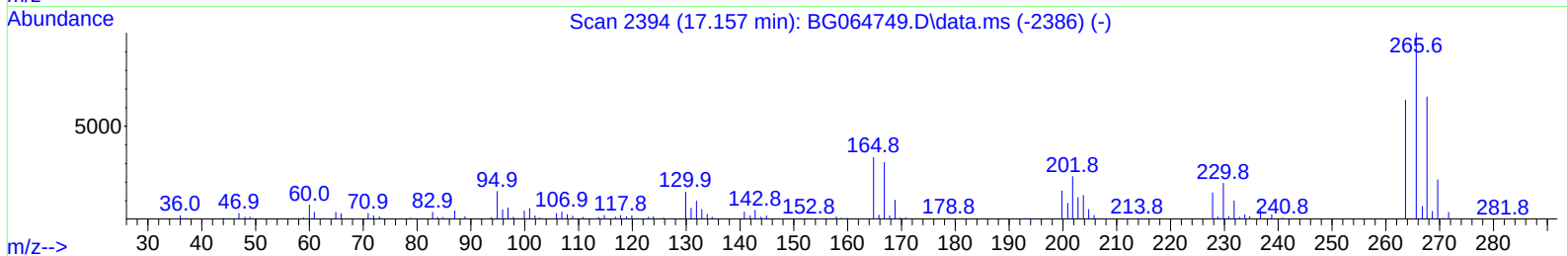
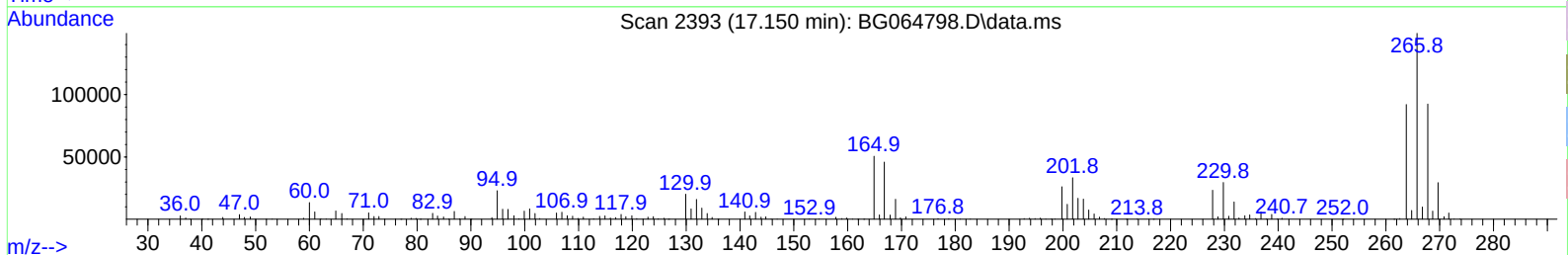
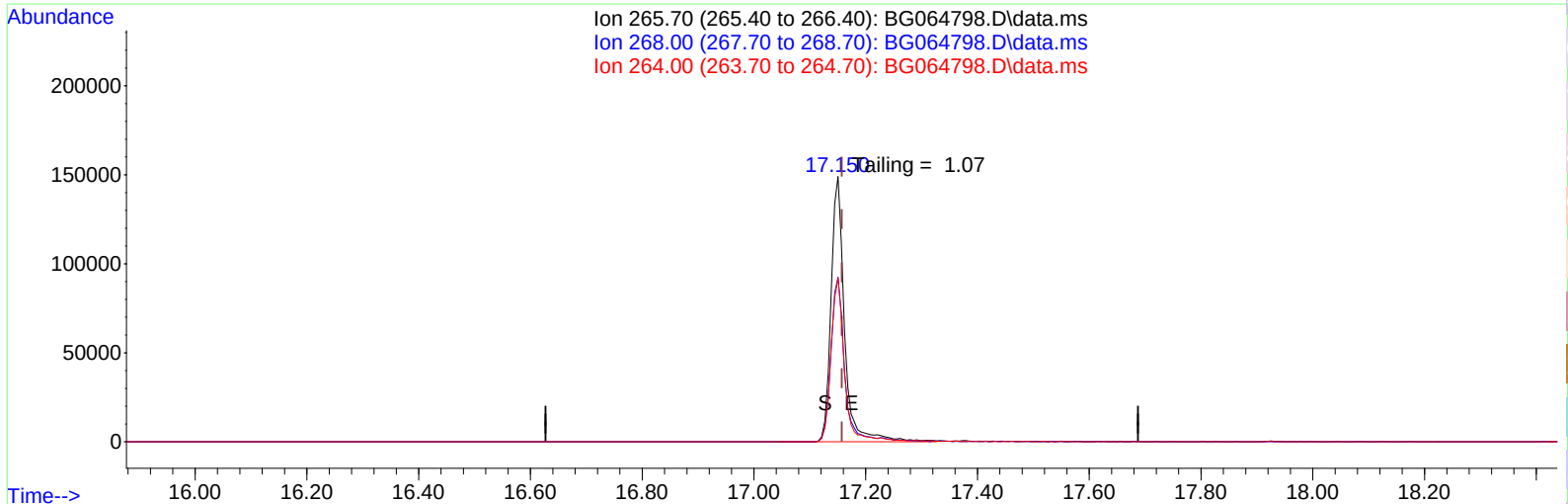
AutoFind: Scans 2524, 2525, 2526; Background Corrected with Scan 2517

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	0.6	179	PASS
69	69	100	100	100.0	31136	PASS
70	69	0.00	2	0.3	106	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	114677	PASS
199	198	5	9	6.8	7801	PASS
365	198	1	100	4.9	5614	PASS
441	443	0.01	150	84.8	20020	PASS
442	442	100	100	100.0	126304	PASS
443	442	15	24	18.7	23621	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064798.D
Acq On : 18 Nov 2025 11:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 18 12:05:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



TIC: BG064798.D\data.ms

(70) Pentachlorophenol (C)

17.150min (-0.007) 33926.00 ng

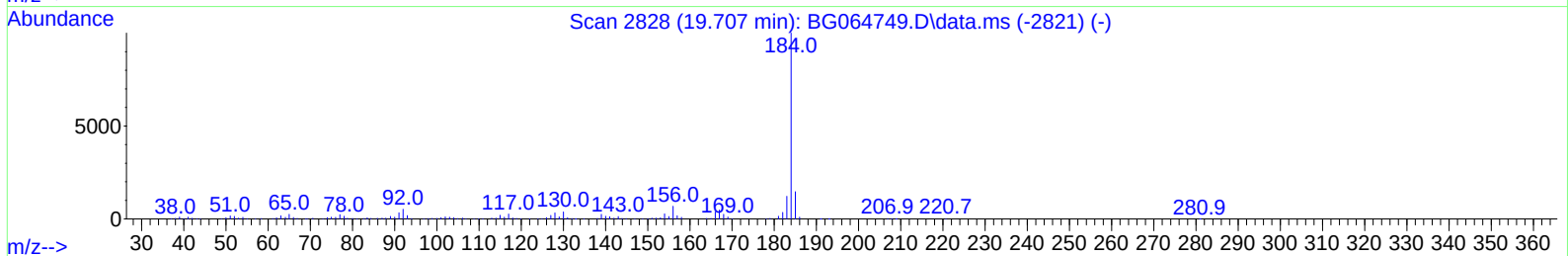
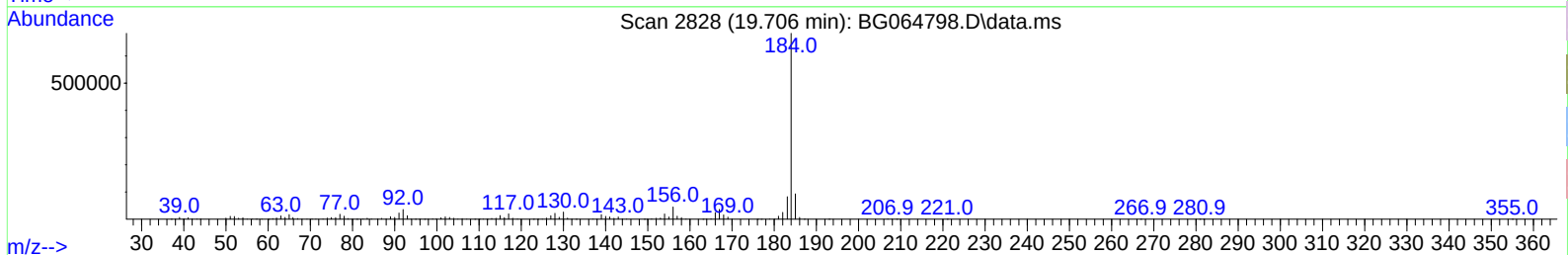
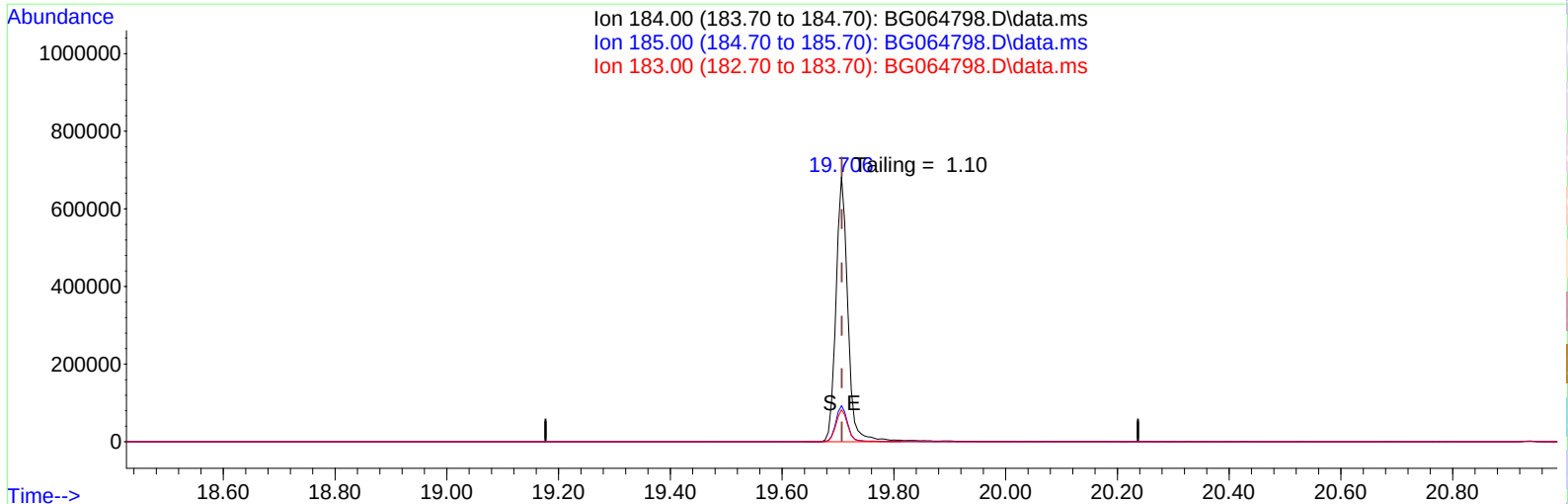
response 250451

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	70.10	66.50
264.00	64.00	61.73
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064798.D
Acq On : 18 Nov 2025 11:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 18 12:05:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



TIC: BG064798.D\data.ms

(77) Benzidine

19.706min (-0.000) 549166.45 ng

response 1019693

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	13.63
183.00	12.20	12.07
0.00	0.00	0.00

Instrument :
BNA_G
ClientSampleId :
DFTPP

DDT Breakdown

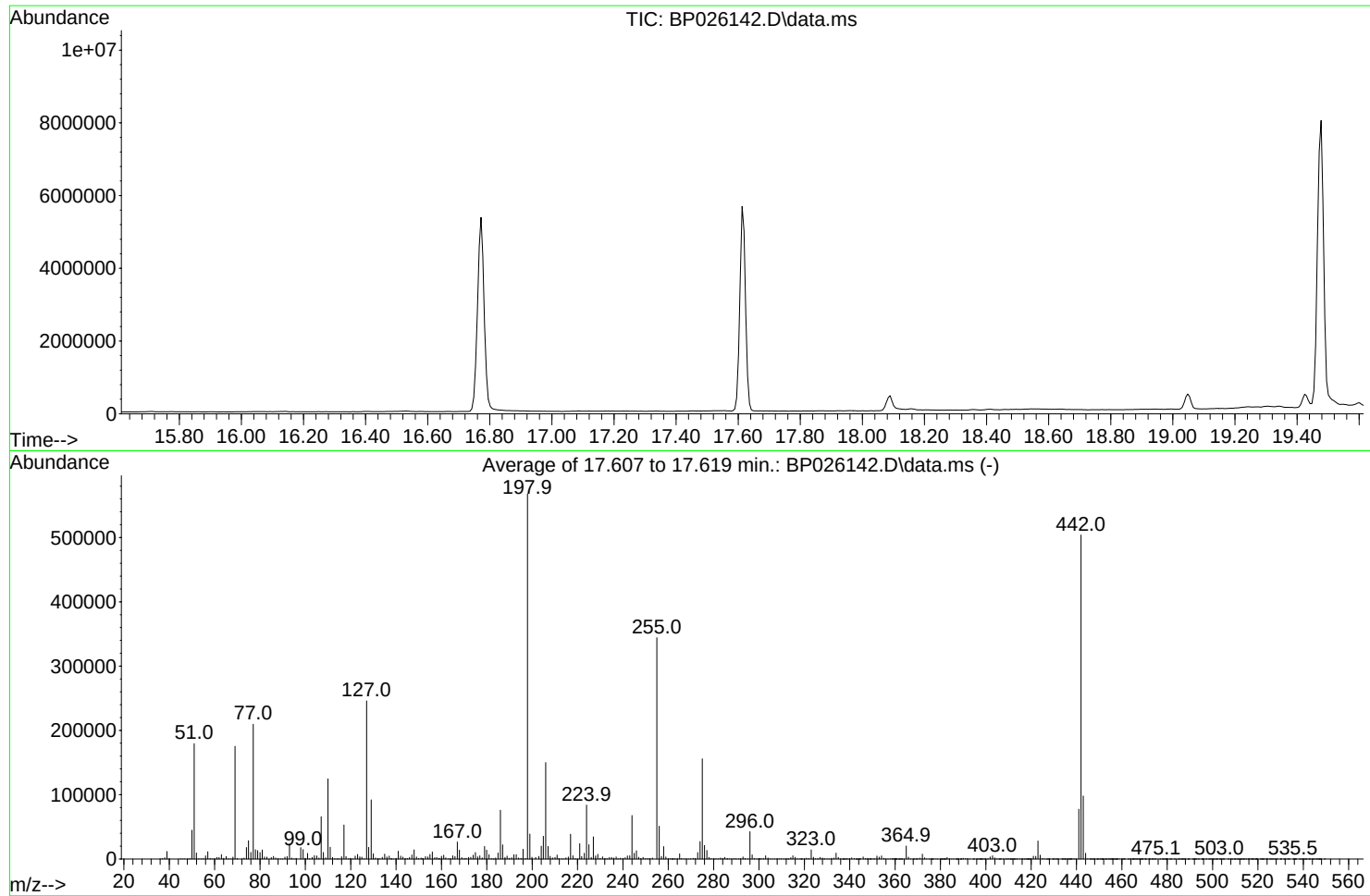
Date	Instrument Name	DFTPP Data File
11/18/2025	BNA_G	<u>BG064798.D</u>
Compound Name	Response	Retention Time
DDT	621626	20.934
DDD	16049	20.494
DDE	1419	19.994
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
17468	639094	2.73

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025



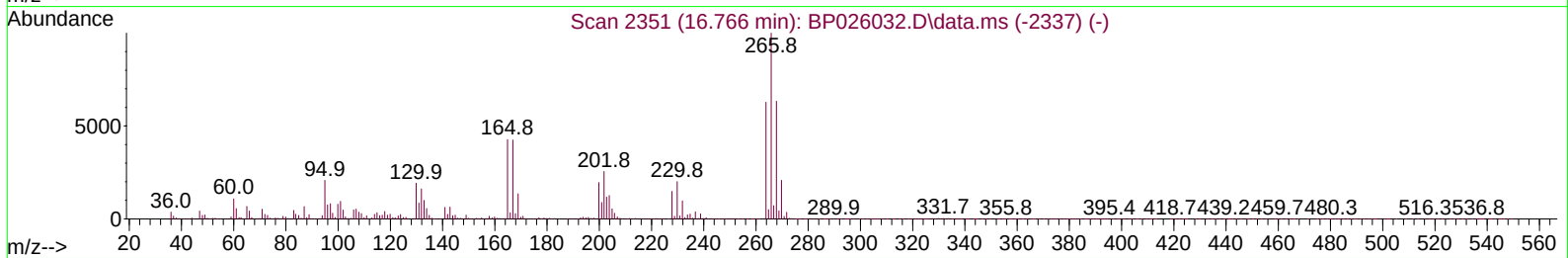
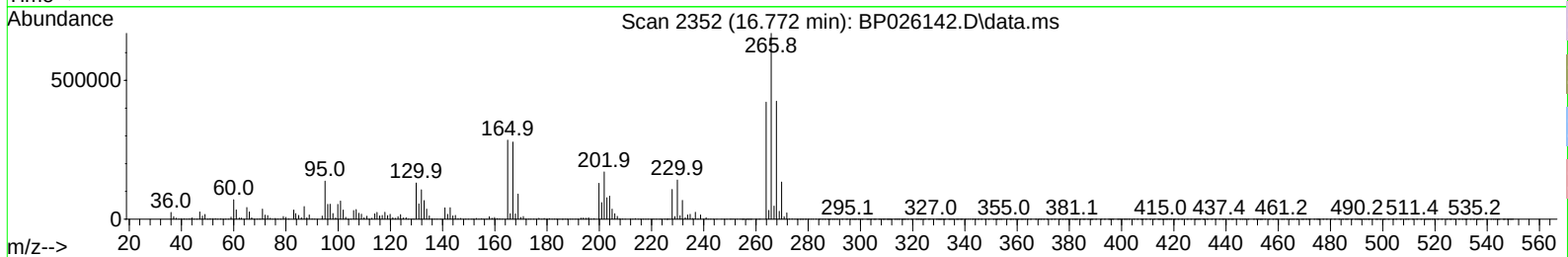
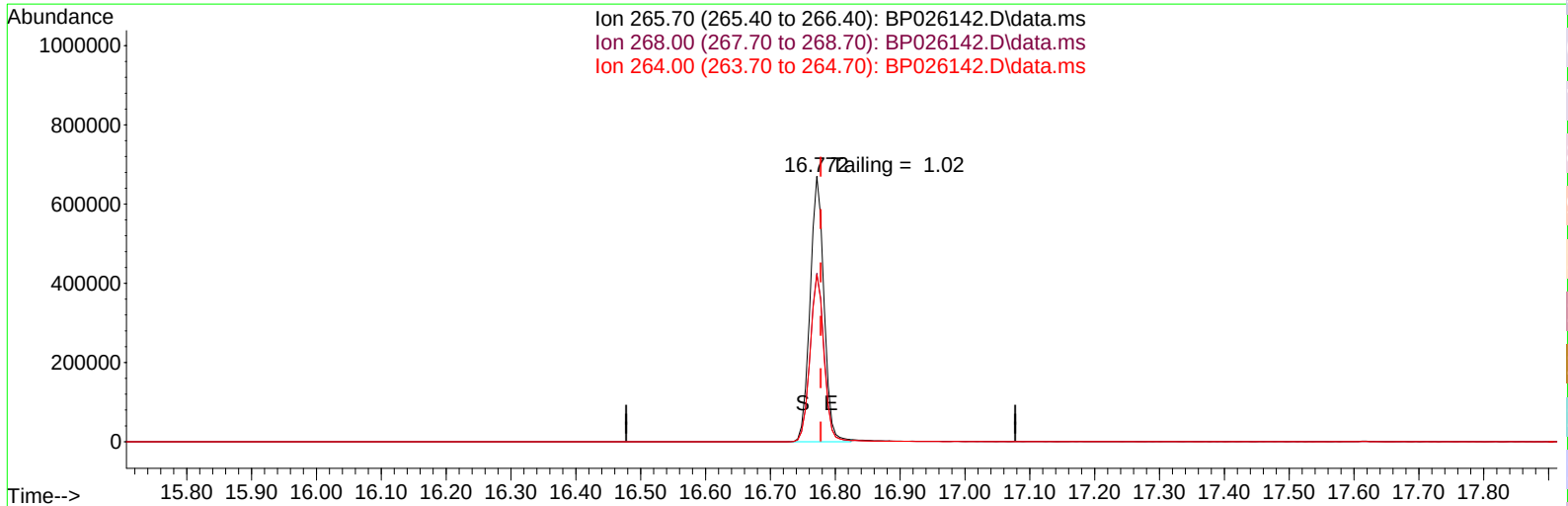
AutoFind: Scans 2494, 2495, 2496; Background Corrected with Scan 2485

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	2891	PASS
69	69	100	100	100.0	175261	PASS
70	69	0.00	2	0.4	730	PASS
197	198	0.00	2	0.1	748	PASS
198	198	100	100	100.0	567984	PASS
199	198	5	9	6.8	38899	PASS
365	198	1	100	3.6	20169	PASS
441	443	0.01	150	79.0	77420	PASS
442	442	100	100	100.0	503872	PASS
443	442	15	24	19.5	98037	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



TIC: BP026142.D\data.ms

(70) Pentachlorophenol (C)

16.772min (-0.006) 1416102.53 ng

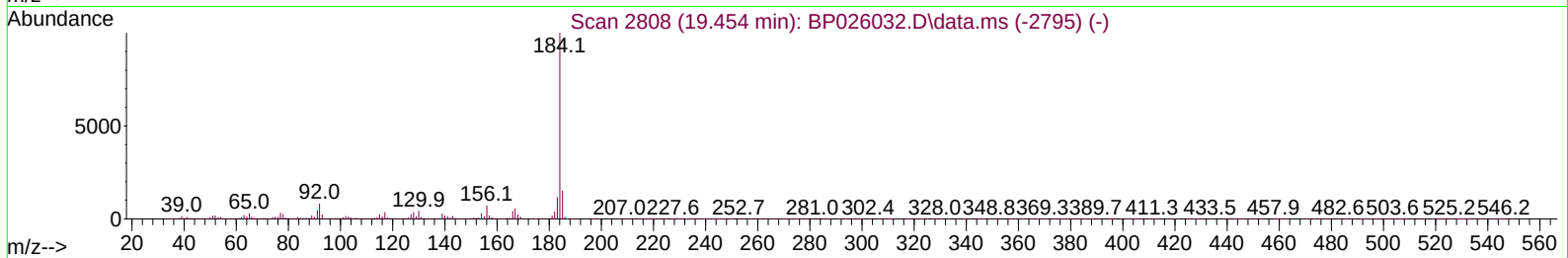
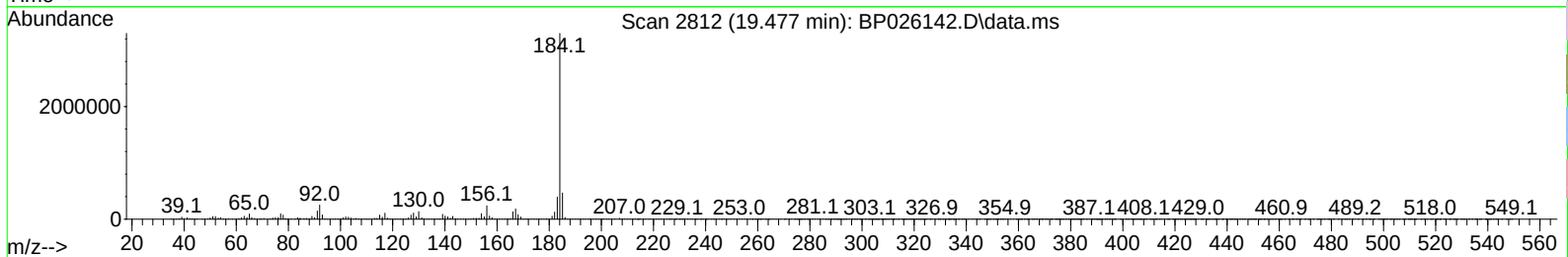
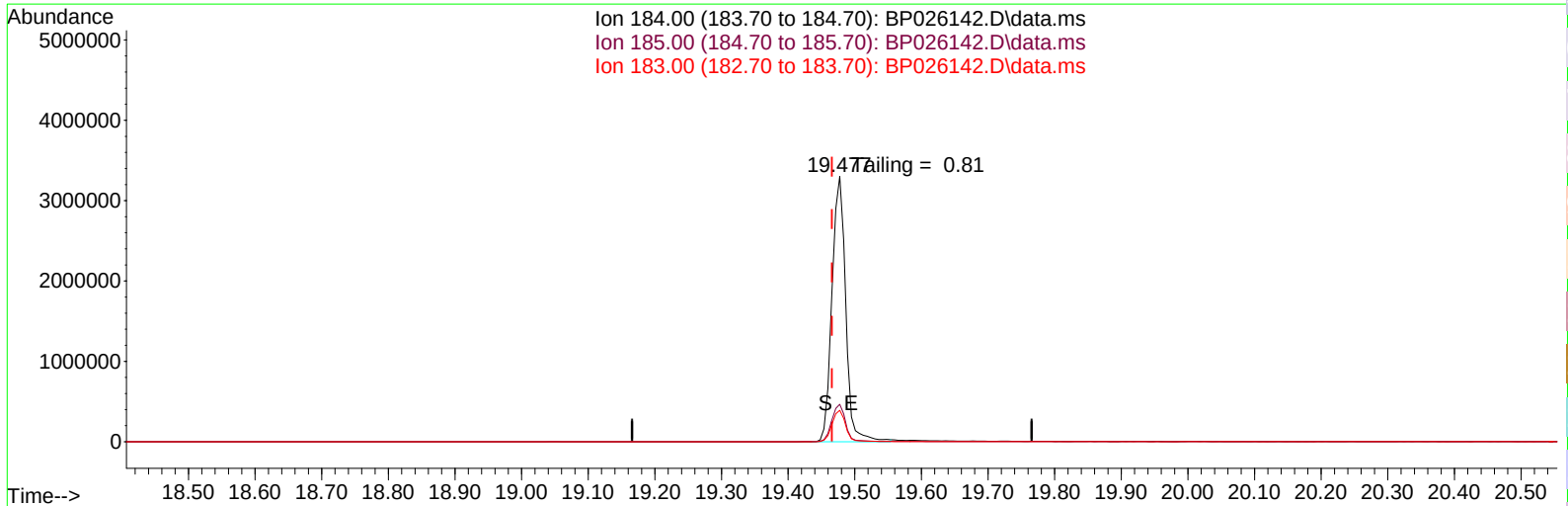
response 1013882

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	63.49
264.00	62.70	62.91
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
Data File : BP026142.D
Acq On : 18 Nov 2025 13:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 19 00:44:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 00:37:08 2025
Response via : Initial Calibration



TIC: BP026142.D\data.ms

(77) Benzidine

19.477min (+ 0.012) 743702.57 ng

response 4726021

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.13
183.00	11.30	11.87
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

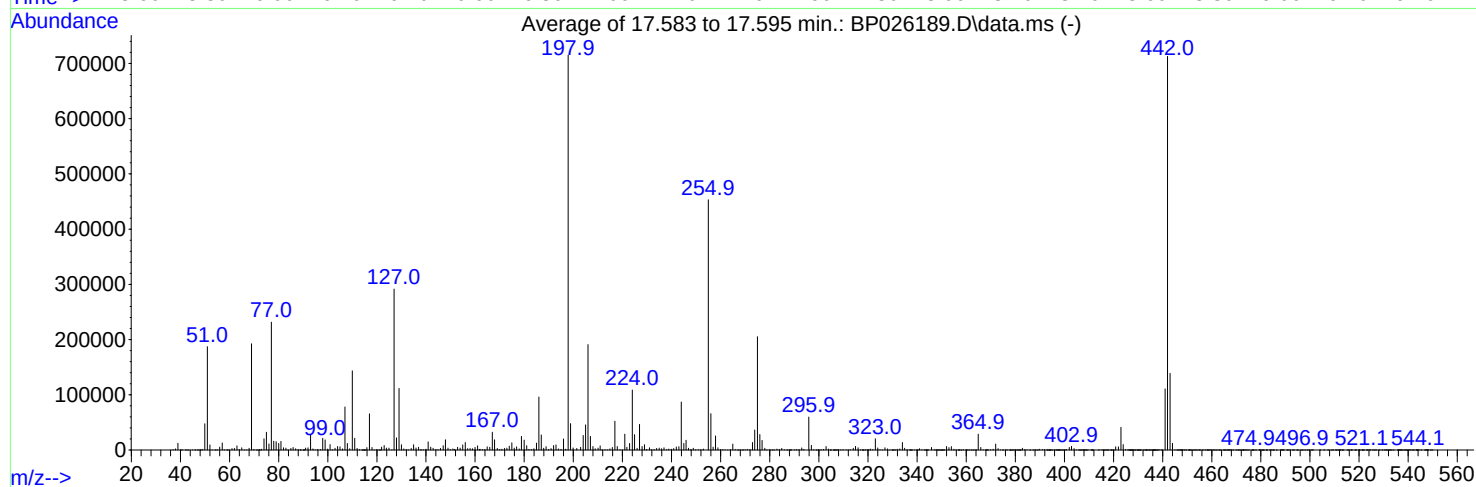
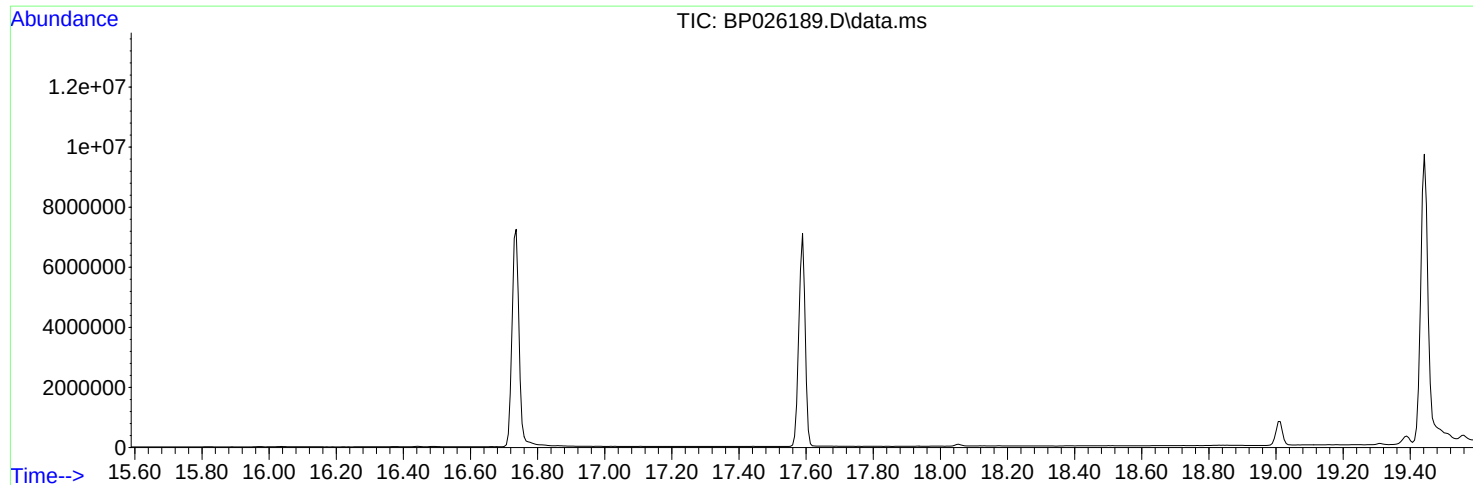
Date	Instrument Name	DFTPP Data File
11/18/2025	BNA_P	<u>BP026142.D</u>
Compound Name	Response	Retention Time
DDT	2472778	20.777
DDD	49260	20.377
DDE	4029	19.789
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
53289	2526067	2.11

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026189.D
Acq On : 26 Nov 2025 13:23
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 19 01:25:31 2025



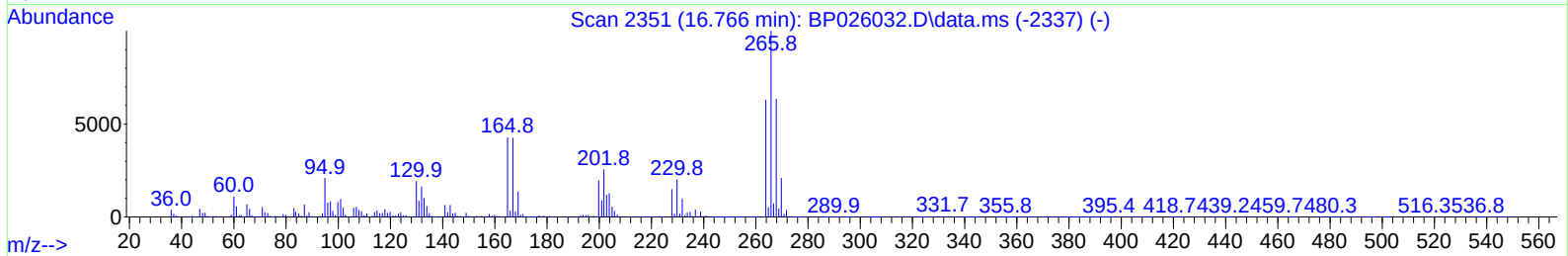
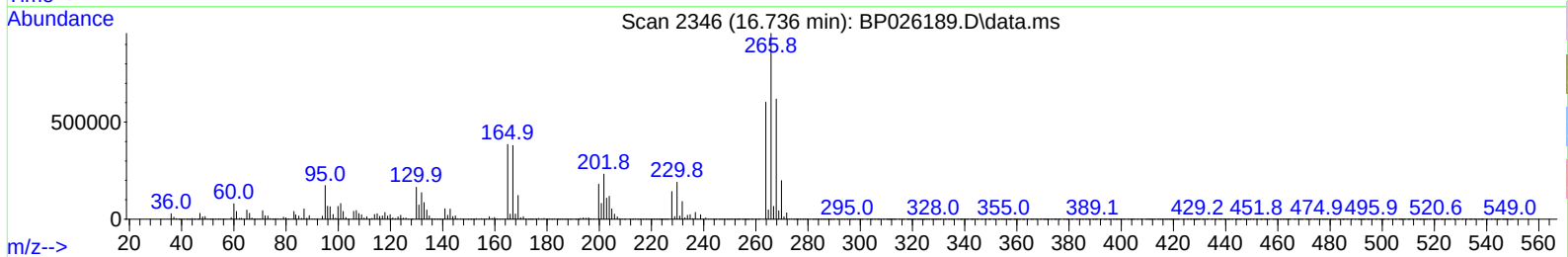
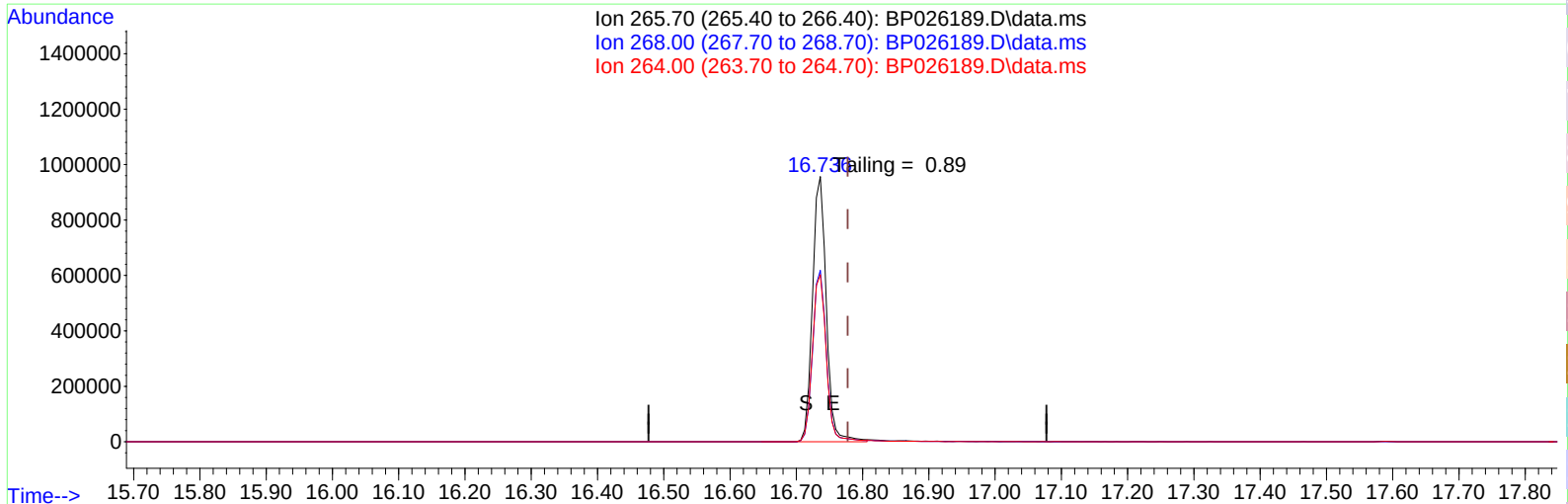
AutoFind: Scans 2490, 2491, 2492; Background Corrected with Scan 2480

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.7	3227	PASS
69	69	100	100	100.0	192350	PASS
70	69	0.00	2	0.5	1041	PASS
197	198	0.00	2	0.2	1508	PASS
198	198	100	100	100.0	715009	PASS
199	198	5	9	6.7	47935	PASS
365	198	1	100	4.0	28789	PASS
441	443	0.01	150	79.7	110650	PASS
442	442	100	100	100.0	712930	PASS
443	442	15	24	19.5	138829	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026189.D
Acq On : 26 Nov 2025 13:23
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 26 15:09:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



TIC: BP026189.D\data.ms

(70) Pentachlorophenol (C)

16.736min (-0.041) 64652.85 ng

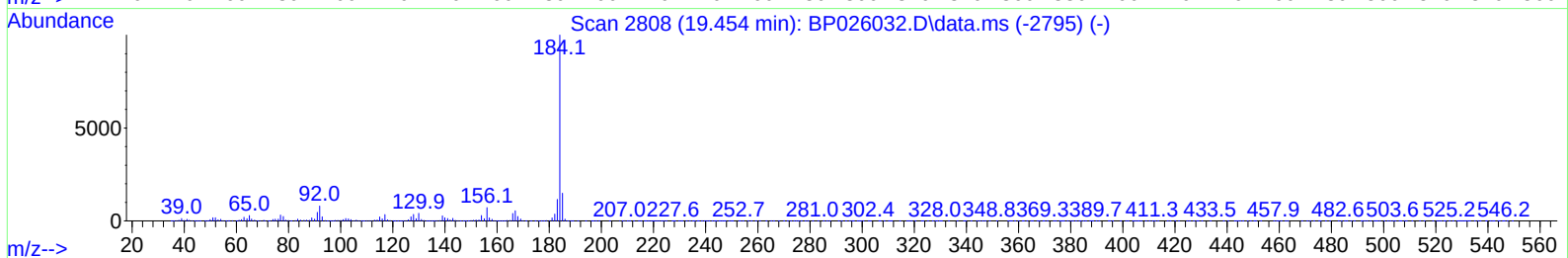
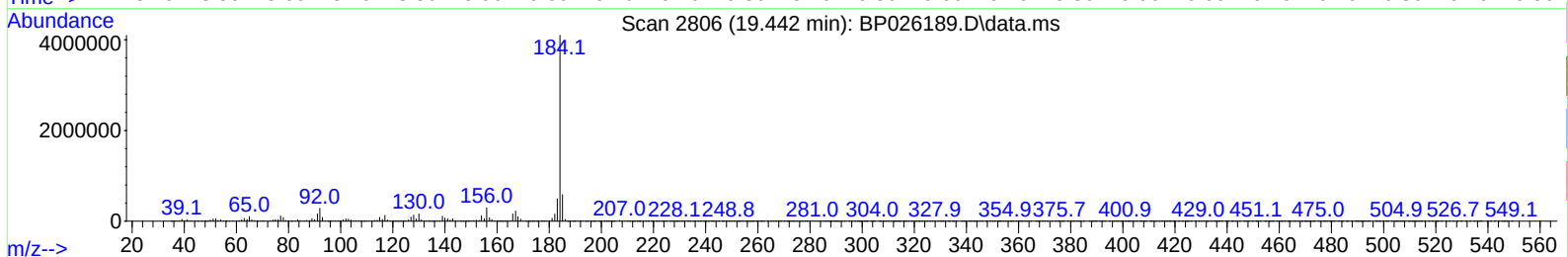
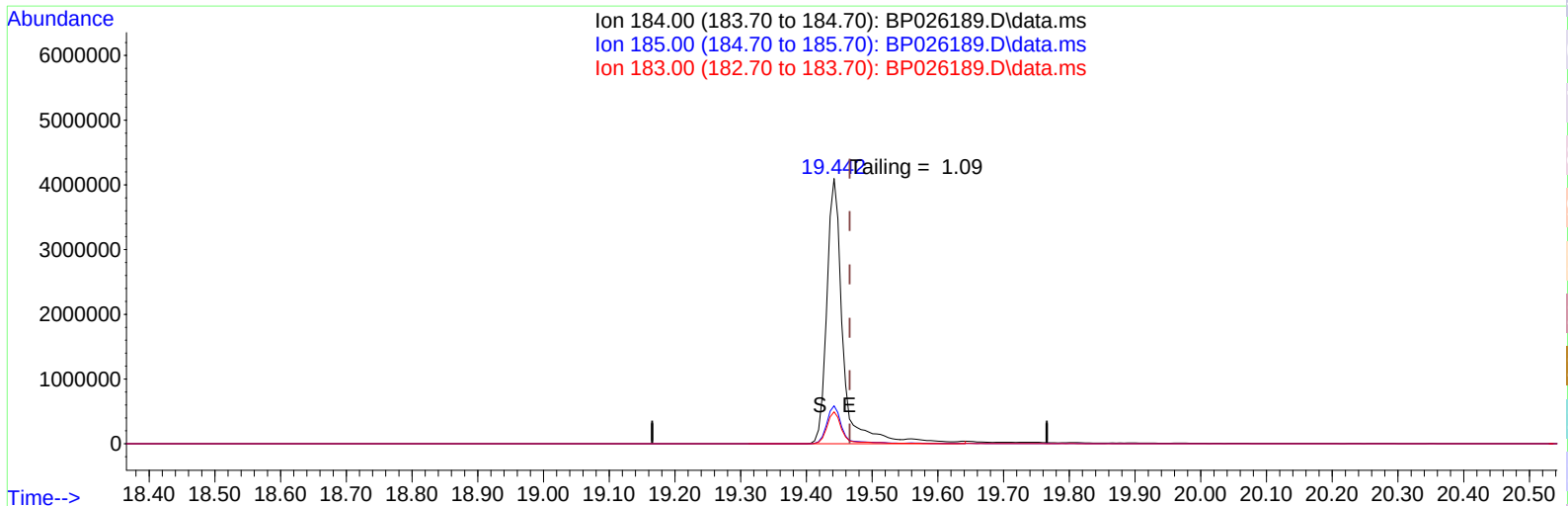
response 1389037

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.70	64.65
264.00	62.70	63.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112725\
Data File : BP026189.D
Acq On : 26 Nov 2025 13:23
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Nov 26 15:09:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration



TIC: BP026189.D\data.ms

(77) Benzidine

19.442min (-0.024) 26907.41 ng

response 6791277

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.33
183.00	11.30	12.05
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/27/2025	BNA_P	<u>BP026189.D</u>
Compound Name	Response	Retention Time
DDT	3414858	20.742
DDD	40682	20.277
DDE	3383	19.754
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
44065	3458923	1.27

Report of Analysis

Client: Alliance Technical Group, LLC - Newark	Date Collected:	
Project: NJ Soil PT	Date Received:	
Client Sample ID: PB170598BL	SDG No.:	Q3483
Lab Sample ID: PB170598BL	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	SVOCMS Group4
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
1912-24-9	Atrazine	34.0	U	1	34.0	170	ug/Kg	11/18/25 12:53	PB170598
SURROGATES									
367-12-4	2-Fluorophenol	136			10 - 105	91%	SPK: 150		
13127-88-3	Phenol-d6	136			10 - 103	90%	SPK: 150		
4165-60-0	Nitrobenzene-d5	85.1			10 - 108	85%	SPK: 100		
321-60-8	2-Fluorobiphenyl	85.3			10 - 108	85%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	129			10 - 116	86%	SPK: 150		
1718-51-0	Terphenyl-d14	89.0			10 - 109	89%	SPK: 100		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	39800							
1146-65-2	Naphthalene-d8	147000							
15067-26-2	Acenaphthene-d10	118000							
1517-22-2	Phenanthrene-d10	300000							
1719-03-5	Chrysene-d12	430000							
1520-96-3	Perylene-d12	424000							

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\BG111825\
Data File : BG064800.D
Acq On : 18 Nov 2025 12:53
Operator : RC/JU
Sample : PB170598BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170598BL

Quant Time: Nov 18 13:28:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	39789	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	147034	20.000	ng	0.00
39) Acenaphthene-d10	14.776	164	118356	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	299804	20.000	ng	0.00
76) Chrysene-d12	21.750	240	430208	20.000	ng	0.00
86) Perylene-d12	25.005	264	423715	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	310288	136.176	ng	0.00
7) Phenol-d6	7.308	99	410954	135.601	ng	0.00
23) Nitrobenzene-d5	9.323	82	252984	85.070	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	297170	128.739	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	723900	85.343	ng	0.00
79) Terphenyl-d14	20.087	244	1945948	88.977	ng	0.00

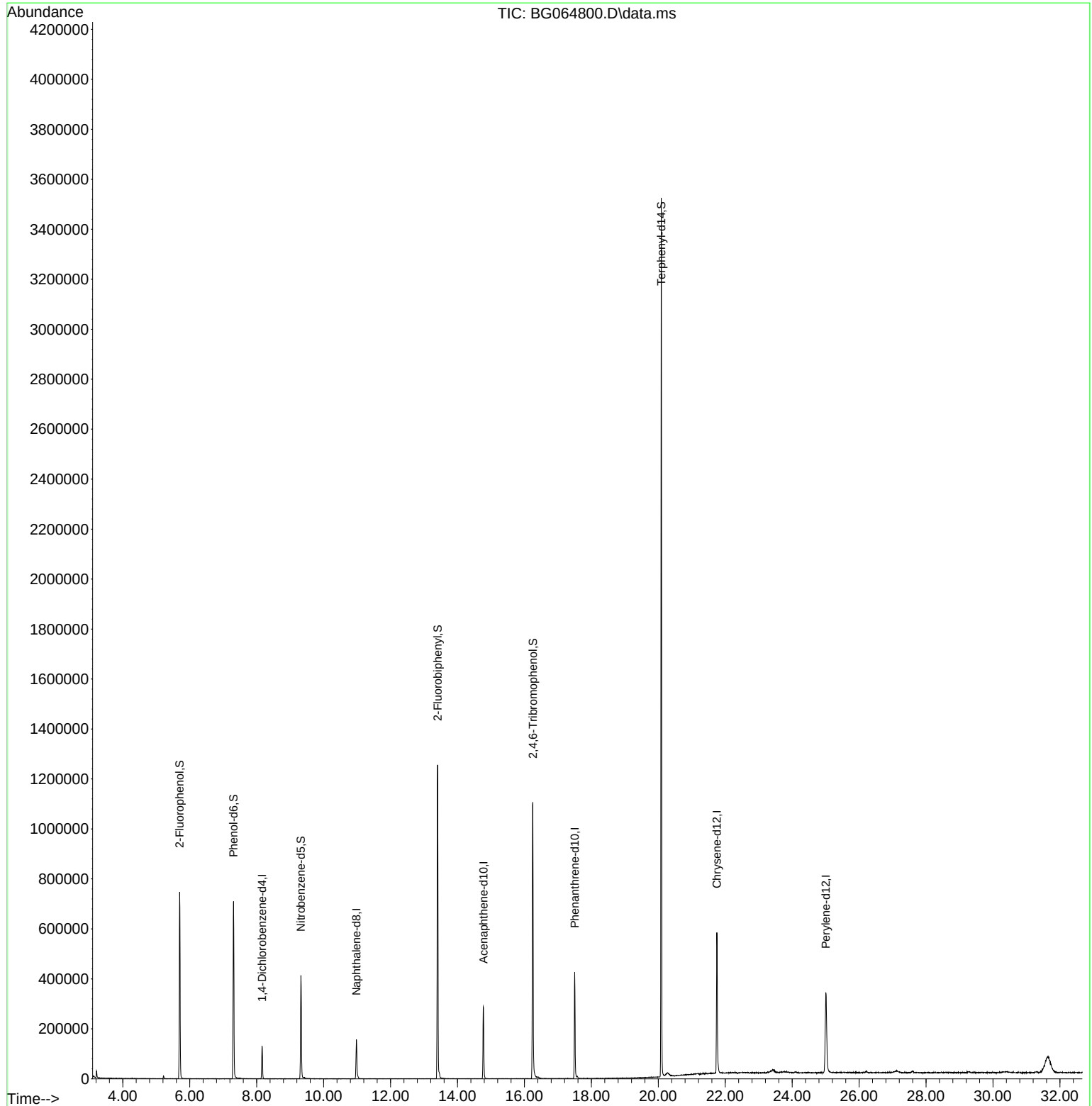
Target Compounds	Qvalue
------------------	--------

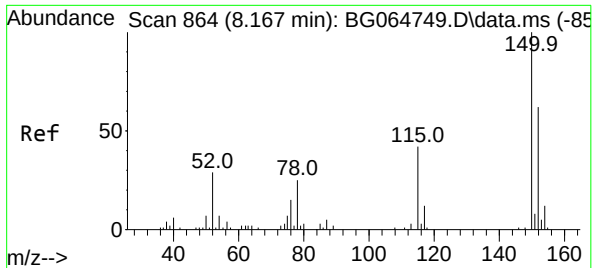
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064800.D
Acq On : 18 Nov 2025 12:53
Operator : RC/JU
Sample : PB170598BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170598BL

Quant Time: Nov 18 13:28:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

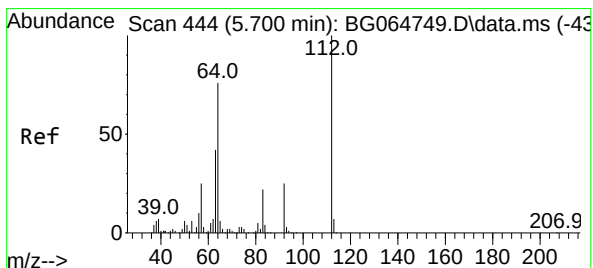
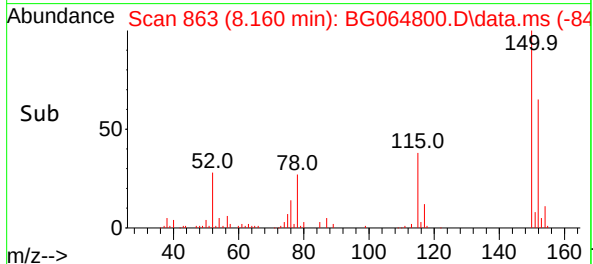
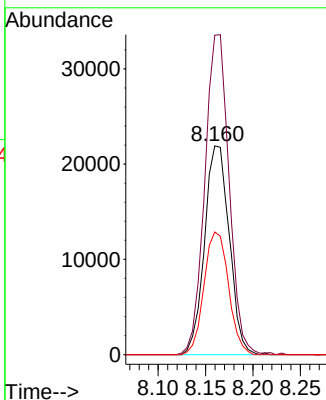
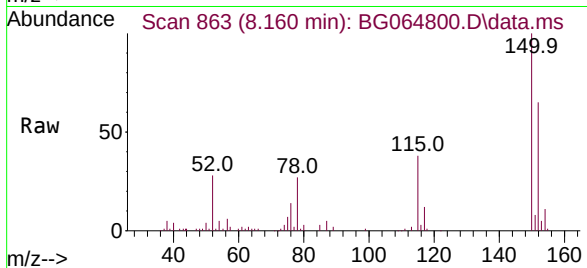




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 864
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

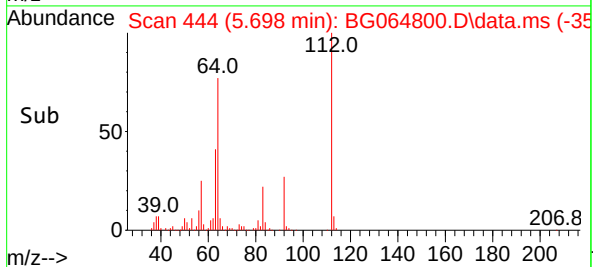
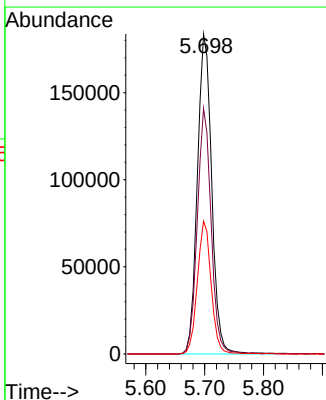
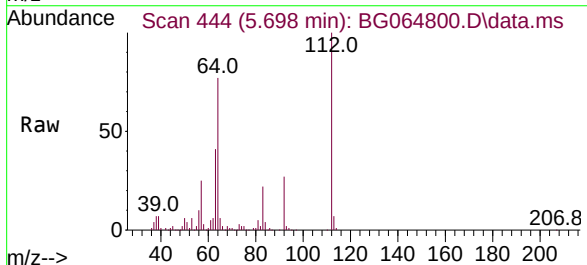
Instrument :
BNA_G
ClientSampleId :
PB170598BL

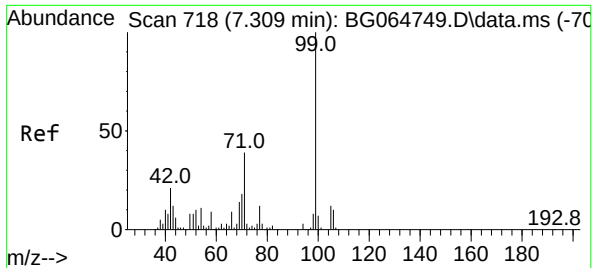
Tgt Ion:152 Resp: 39789
Ion Ratio Lower Upper
152 100
150 153.0 129.2 193.8
115 58.8 53.7 80.5



#5
2-Fluorophenol
Concen: 136.176 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:112 Resp: 310288
Ion Ratio Lower Upper
112 100
64 76.7 61.0 91.4
63 41.5 33.3 49.9

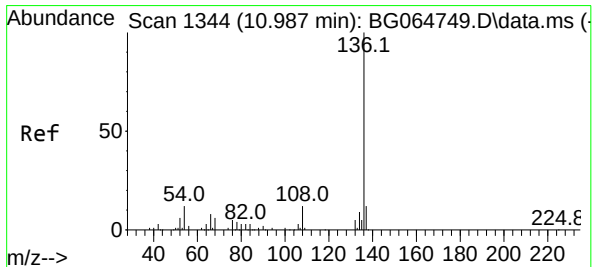
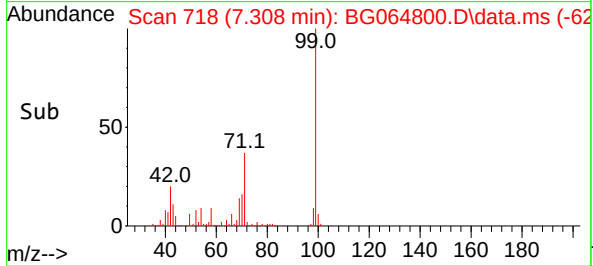
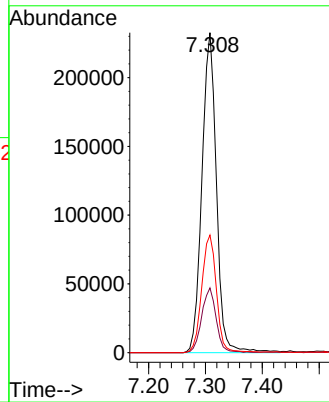
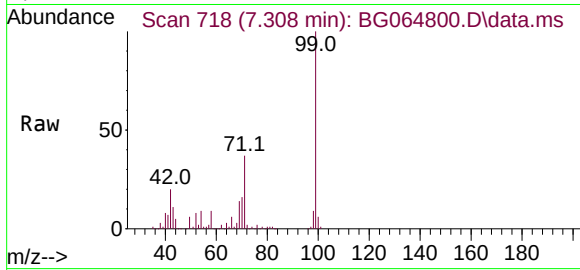




#7
Phenol-d6
Concen: 135.601 ng
RT: 7.308 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

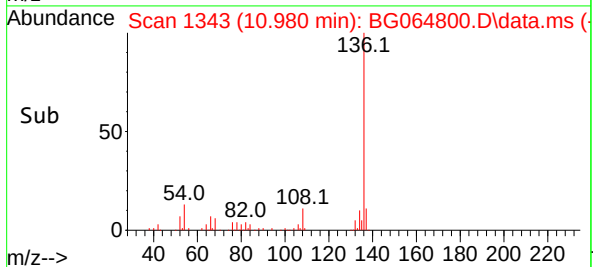
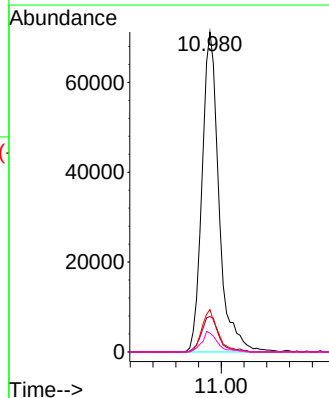
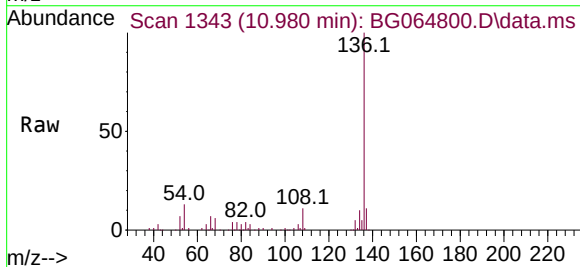
Instrument :
BNA_G
ClientSampleId :
PB170598BL

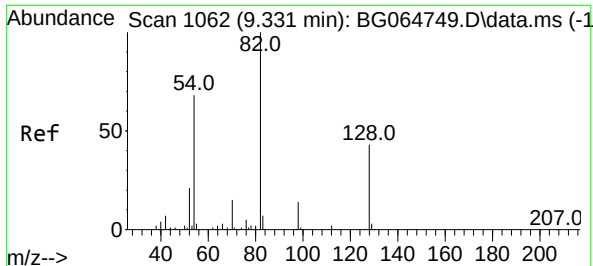
Tgt Ion: 99 Resp: 410954
Ion Ratio Lower Upper
99 100
42 20.3 16.8 25.2
71 36.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion: 136 Resp: 147034
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 13.2 9.3 13.9
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 85.070 ng

RT: 9.323 min Scan# 1061

Delta R.T. -0.007 min

Lab File: BG064800.D

Acq: 18 Nov 2025 12:53

Instrument :

BNA_G

ClientSampleId :

PB170598BL

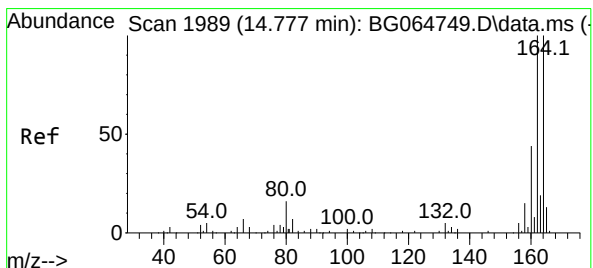
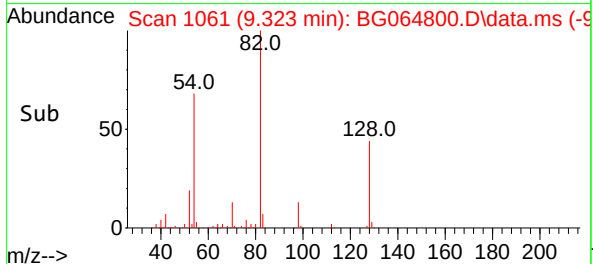
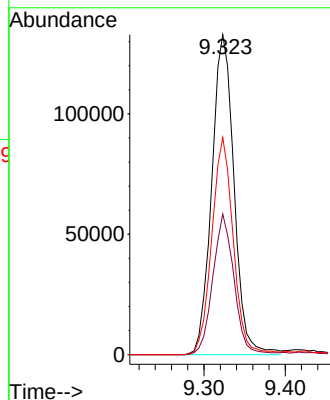
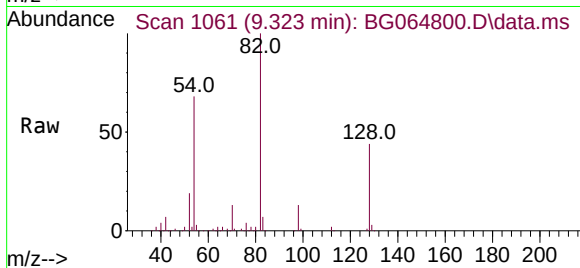
Tgt Ion: 82 Resp: 252984

Ion Ratio Lower Upper

82 100

128 43.9 34.1 51.1

54 67.8 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.776 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064800.D

Acq: 18 Nov 2025 12:53

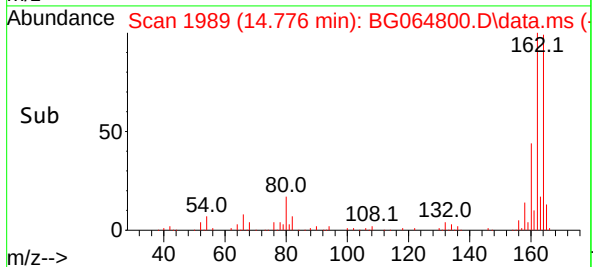
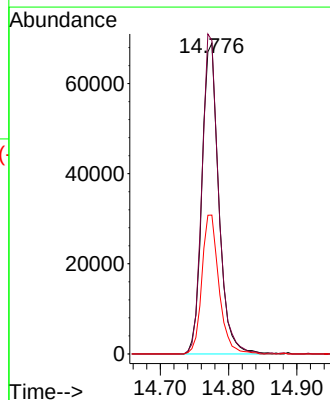
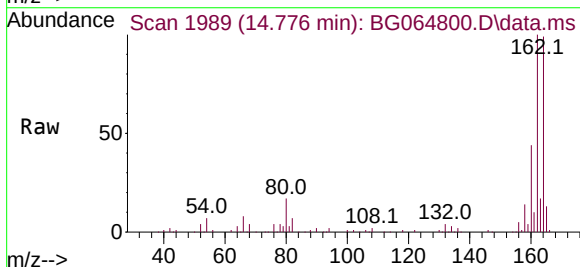
Tgt Ion: 164 Resp: 118356

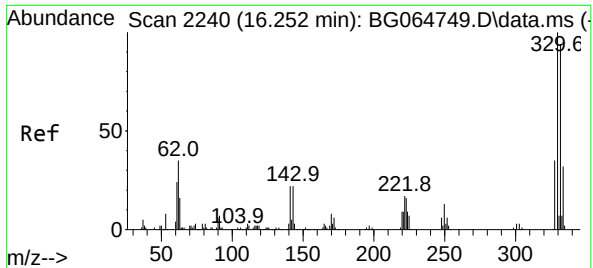
Ion Ratio Lower Upper

164 100

162 100.8 79.8 119.6

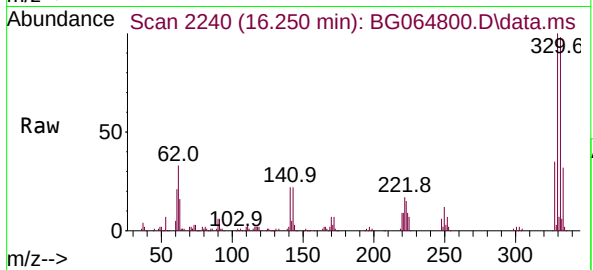
160 44.7 34.9 52.3



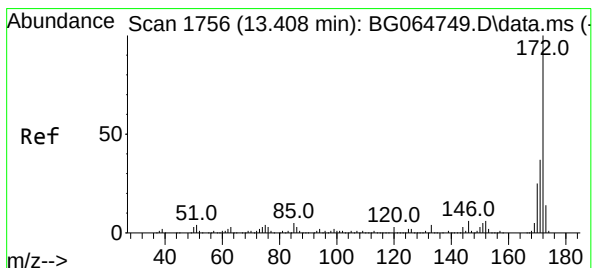
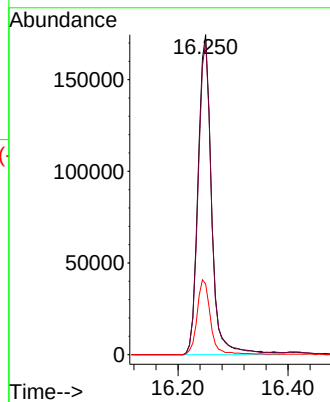
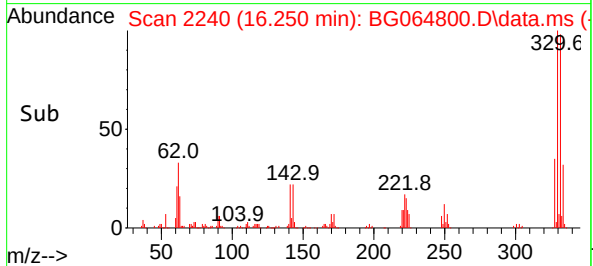


#42
2,4,6-Tribromophenol
Concen: 128.739 ng
RT: 16.250 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

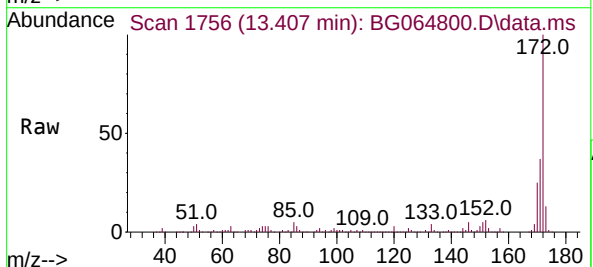
Instrument :
BNA_G
ClientSampleId :
PB170598BL



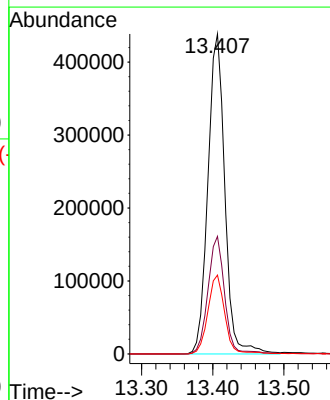
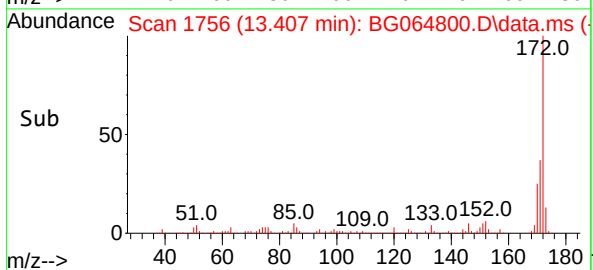
Tgt Ion:330 Resp: 297170
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 23.2 18.2 27.2

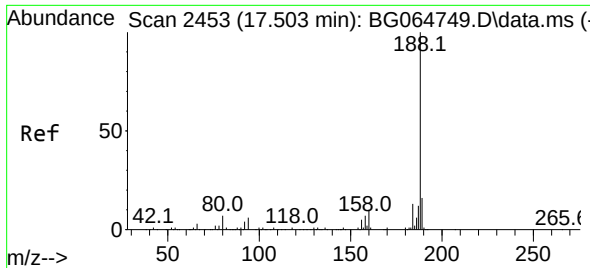


#45
2-Fluorobiphenyl
Concen: 85.343 ng
RT: 13.407 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53



Tgt Ion:172 Resp: 723900
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.6 19.8 29.6

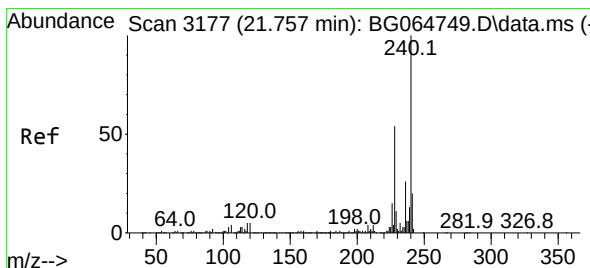
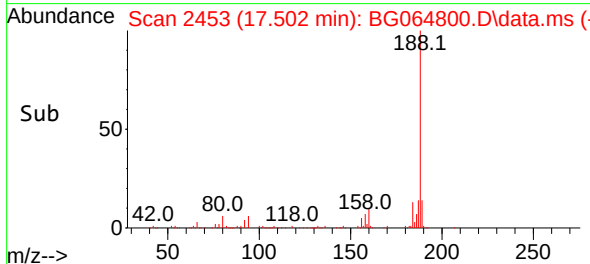
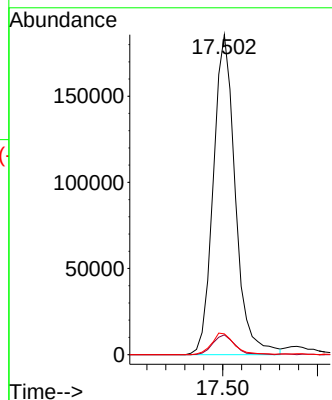
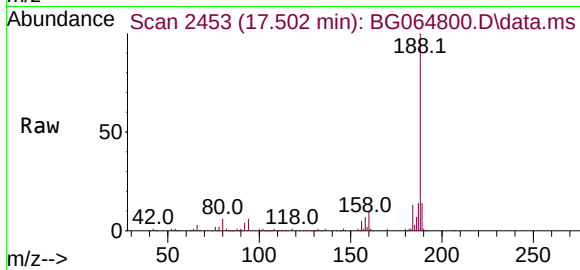




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

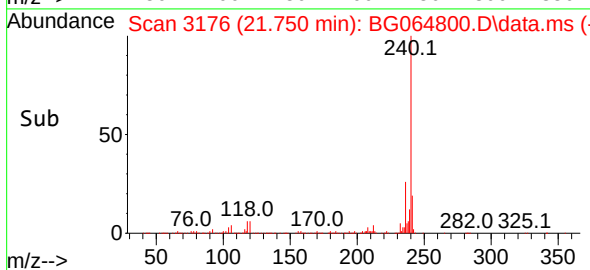
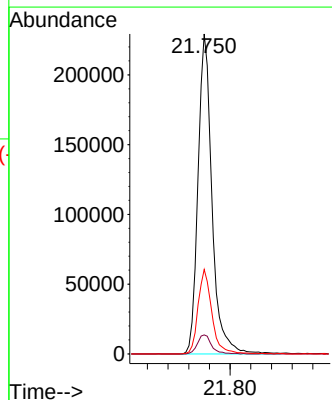
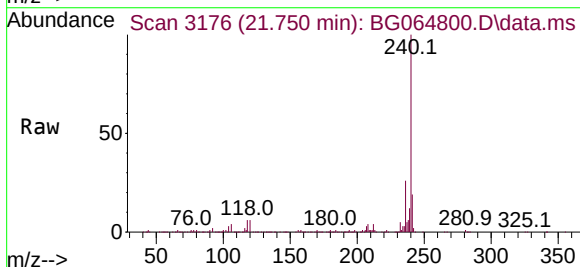
Instrument :
BNA_G
ClientSampleId :
PB170598BL

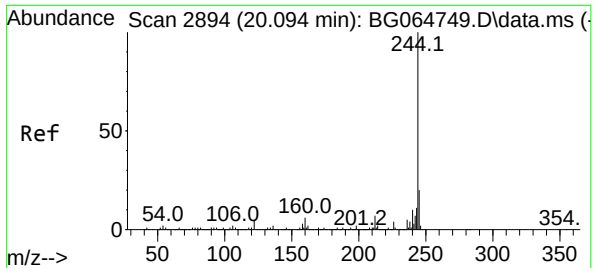
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.7	7.1
80	6.5	5.4	8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.2	6.4
236	26.4	20.8	31.2

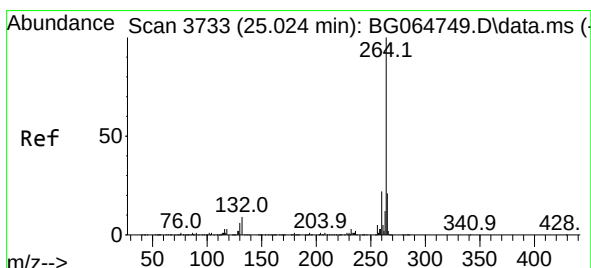
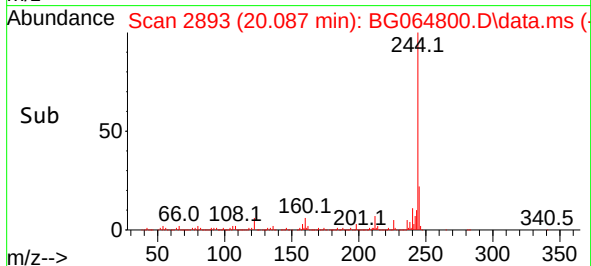
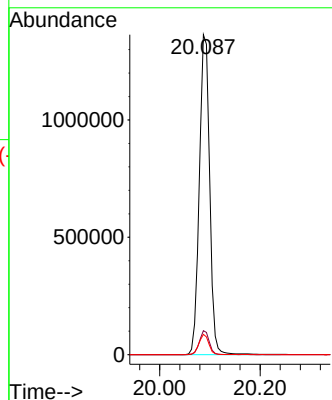
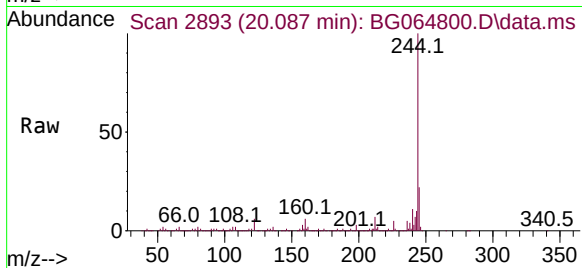




#79
Terphenyl-d14
Concen: 88.977 ng
RT: 20.087 min Scan# 2893
Delta R.T. -0.007 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

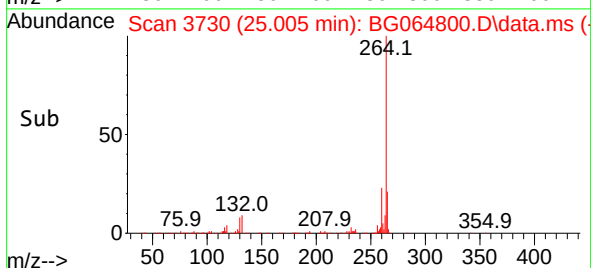
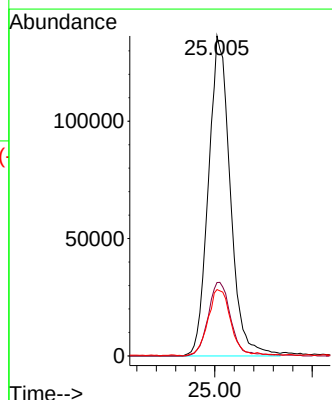
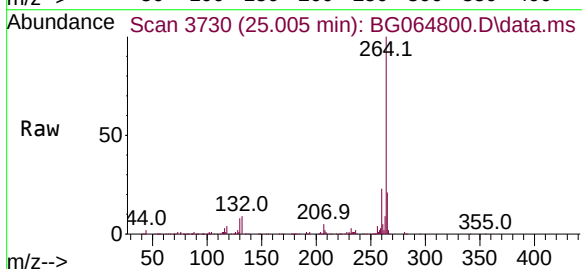
Instrument :
BNA_G
ClientSampleId :
PB170598BL

Tgt Ion:244 Resp: 1945948
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 6.3 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.005 min Scan# 3730
Delta R.T. -0.019 min
Lab File: BG064800.D
Acq: 18 Nov 2025 12:53

Tgt Ion:264 Resp: 423715
Ion Ratio Lower Upper
264 100
260 22.9 17.2 25.8
265 20.7 16.6 25.0





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

Report of Analysis

Client: Alliance Technical Group, LLC - Newark
Project: NJ Soil PT
Client Sample ID: PB170598BS
Lab Sample ID: PB170598BS
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/18/25

Date Collected:
Date Received:
SDG No.: Q3483
Matrix: SOIL
% Solid: 100
Test: SVOCMS Group4

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
1912-24-9	Atrazine	1400		1	34.0	170	ug/Kg	11/18/25 13:34	PB170598
SURROGATES									
367-12-4	2-Fluorophenol	130			10 - 105	86%	SPK: 150		
13127-88-3	Phenol-d6	131			10 - 103	87%	SPK: 150		
4165-60-0	Nitrobenzene-d5	78.2			10 - 108	78%	SPK: 100		
321-60-8	2-Fluorobiphenyl	75.9			10 - 108	76%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	126			10 - 116	84%	SPK: 150		
1718-51-0	Terphenyl-d14	83.7			10 - 109	84%	SPK: 100		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	43200							
1146-65-2	Naphthalene-d8	174000							
15067-26-2	Acenaphthene-d10	142000							
1517-22-2	Phenanthrene-d10	368000							
1719-03-5	Chrysene-d12	443000							
1520-96-3	Perylene-d12	396000							

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\BG111825\
 Data File : BG064801.D
 Acq On : 18 Nov 2025 13:34
 Operator : RC/JU
 Sample : PB170598BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 14:10:37 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	43218	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	173831	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	141529	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	367810	20.000	ng	0.00
76) Chrysene-d12	21.753	240	443295	20.000	ng	0.00
86) Perylene-d12	25.009	264	396280	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	320607	129.541	ng	0.00
7) Phenol-d6	7.312	99	430380	130.743	ng	0.00
23) Nitrobenzene-d5	9.327	82	274952	78.205	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	348692	126.326	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	769531	75.868	ng	0.00
79) Terphenyl-d14	20.091	244	1887131	83.740	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.522	88	30686	32.027	ng	94
3) Pyridine	3.933	79	86035	30.137	ng	98
4) n-Nitrosodimethylamine	3.839	42	57035	39.253	ng	85
6) Aniline	7.476	93	138071	31.468	ng	98
8) 2-Chlorophenol	7.723	128	126216	46.445	ng	96
9) Benzaldehyde	7.288	77	45433	21.084	ng	96
10) Phenol	7.335	94	170064	47.483	ng	98
11) bis(2-Chloroethyl)ether	7.570	93	105576	41.425	ng	98
12) 1,3-Dichlorobenzene	8.052	146	128261	41.016	ng	98
13) 1,4-Dichlorobenzene	8.199	146	133859	42.039	ng	96
14) 1,2-Dichlorobenzene	8.522	146	131229	42.505	ng	99
15) Benzyl Alcohol	8.393	79	124304	46.005	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.686	45	238139	39.476	ng	97
17) 2-Methylphenol	8.598	107	117397	46.325	ng	99
18) Hexachloroethane	9.262	117	47516	39.400	ng	97
19) n-Nitroso-di-n-propyla...	8.968	70	95063	42.711	ng	94
20) 3+4-Methylphenols	8.927	107	159883	46.053	ng	93
22) Acetophenone	8.986	105	221689	46.810	ng	98
24) Nitrobenzene	9.368	77	148453	41.789	ng	99
25) Isophorone	9.897	82	275691	41.177	ng	97
26) 2-Nitrophenol	10.079	139	71917	45.009	ng	98
27) 2,4-Dimethylphenol	10.138	122	127345	44.861	ng	95
28) bis(2-Chloroethoxy)met...	10.373	93	159049	43.271	ng	100
29) 2,4-Dichlorophenol	10.620	162	144305	47.349	ng	98
30) 1,2,4-Trichlorobenzene	10.843	180	158061	42.950	ng	96
31) Naphthalene	11.031	128	403850	40.983	ng	99
32) Benzoic acid	10.279	122	90686	45.600	ng	98
33) 4-Chloroaniline	11.131	127	86450	21.931	ng	96
34) Hexachlorobutadiene	11.319	225	122831	38.900	ng	97
35) Caprolactam	11.894	113	43550m	47.776	ng	
36) 4-Chloro-3-methylphenol	12.235	107	157593	46.458	ng	98
37) 2-Methylnaphthalene	12.623	142	277614	37.647	ng	97
38) 1-Methylnaphthalene	12.840	142	290858	39.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.987	216	246950	44.836	ng	98
41) Hexachlorocyclopentadiene	12.970	237	268004	67.885	ng	96
43) 2,4,6-Trichlorophenol	13.216	196	145125	44.893	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064801.D
 Acq On : 18 Nov 2025 13:34
 Operator : RC/JU
 Sample : PB170598BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 14:10:37 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	165963	45.775	ng	97
46) 1,1'-Biphenyl	13.616	154	470212	46.257	ng	97
47) 2-Chloronaphthalene	13.663	162	328320	40.997	ng	98
48) 2-Nitroaniline	13.851	65	120555	46.803	ng	98
49) Acenaphthylene	14.497	152	586359	42.858	ng	97
50) Dimethylphthalate	14.221	163	484501	43.337	ng	98
51) 2,6-Dinitrotoluene	14.339	165	102738	47.757	ng	92
52) Acenaphthene	14.838	154	410238	50.009	ng	98
53) 3-Nitroaniline	14.662	138	75948	35.770	ng	92
54) 2,4-Dinitrophenol	14.867	184	139949	93.363	ng	96
55) Dibenzofuran	15.167	168	581920	42.909	ng	97
56) 4-Nitrophenol	14.967	139	170404	101.154	ng	94
57) 2,4-Dinitrotoluene	15.120	165	153542	47.607	ng	96
58) Fluorene	15.813	166	457504	43.012	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.390	232	179384	50.146	ng	96
60) Diethylphthalate	15.573	149	473056	44.170	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	270621	42.394	ng	99
62) 4-Nitroaniline	15.819	138	105045	47.756	ng	89
63) Azobenzene	16.090	77	397385	44.610	ng	99
65) 4,6-Dinitro-2-methylph...	15.878	198	102654	50.267	ng	96
66) n-Nitrosodiphenylamine	16.013	169	421718	43.773	ng	98
67) 4-Bromophenyl-phenylether	16.689	248	204256	42.288	ng	98
68) Hexachlorobenzene	16.812	284	242834	41.496	ng	99
69) Atrazine	16.947	200	197821	42.588	ng	97
70) Pentachlorophenol	17.153	266	327276	93.392	ng	98
71) Phenanthrene	17.547	178	866605	43.063	ng	99
72) Anthracene	17.635	178	867959	42.298	ng	99
73) Carbazole	17.899	167	774488	43.904	ng	100
74) Di-n-butylphthalate	18.446	149	850709	43.226	ng	99
75) Fluoranthene	19.538	202	1137730	41.344	ng	99
77) Benzidine	19.709	184	237348	17.878	ng	99
78) Pyrene	19.897	202	1185154	47.702	ng	99
80) Butylbenzylphthalate	20.766	149	402517	46.061	ng	97
81) Benzo(a)anthracene	21.736	228	1279527	42.449	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	327800	29.546	ng	99
83) Chrysene	21.801	228	1213460	42.701	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	553281	43.327	ng	99
85) Di-n-octyl phthalate	22.852	149	927516	42.020	ng	98
87) Indeno(1,2,3-cd)pyrene	28.745	276	1314214	48.271	ng	# 95
88) Benzo(b)fluoranthene	23.974	252	1203332	47.716	ng	99
89) Benzo(k)fluoranthene	24.045	252	1244574	49.123	ng	99
90) Benzo(a)pyrene	24.862	252	1127879	48.213	ng	# 97
91) Dibenzo(a,h)anthracene	28.816	278	1096913	49.180	ng	96
92) Benzo(g,h,i)perylene	29.909	276	1057418	49.262	ng	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064801.D
Acq On : 18 Nov 2025 13:34
Operator : RC/JU
Sample : PB170598BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

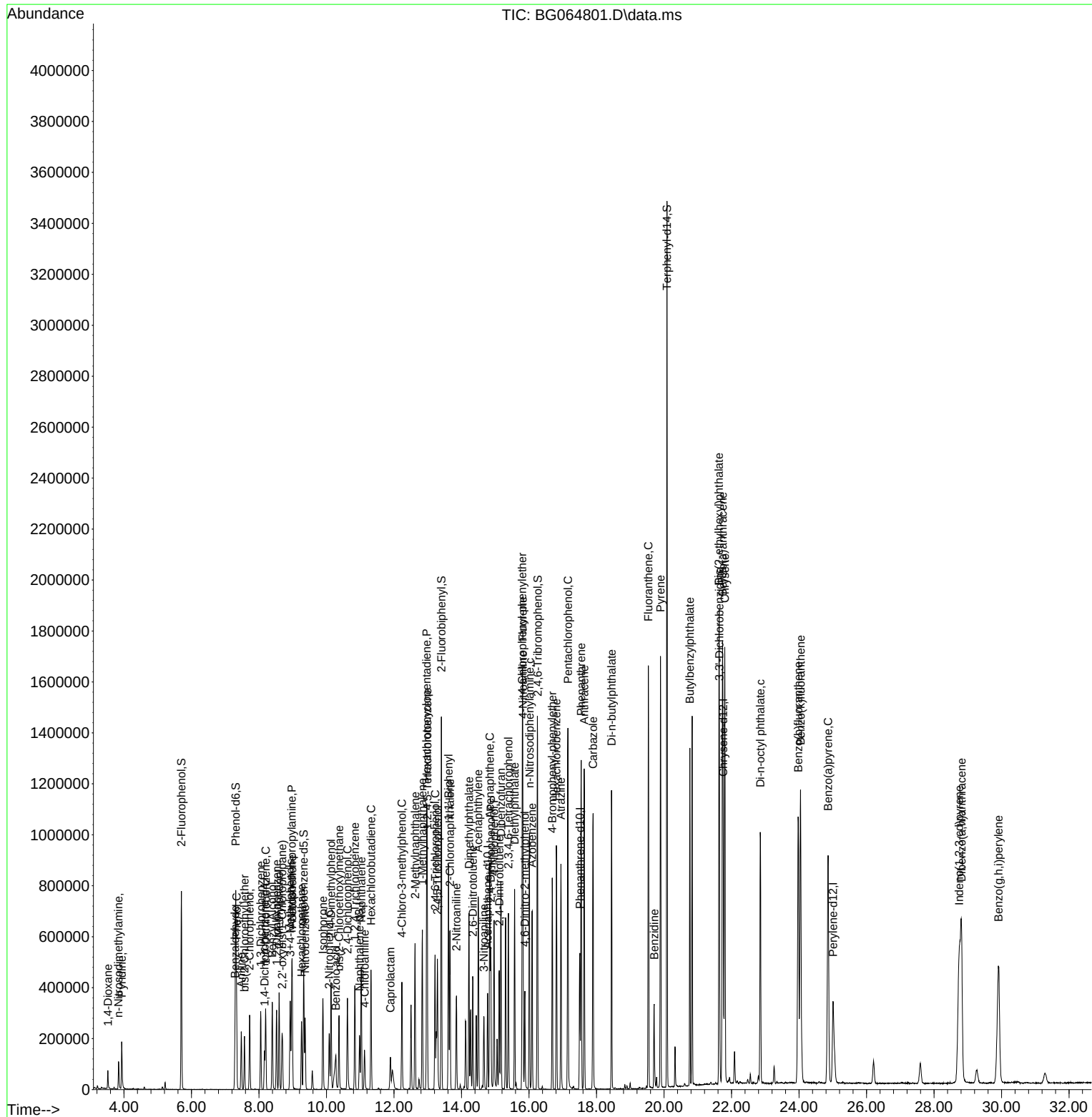
Quant Time: Nov 18 14:10:37 2025

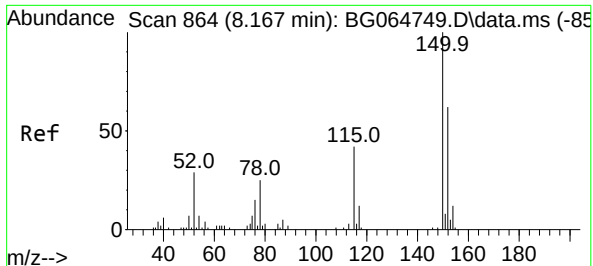
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration





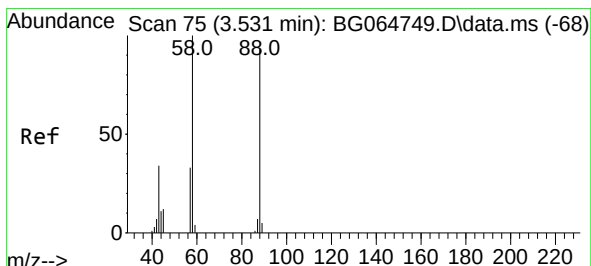
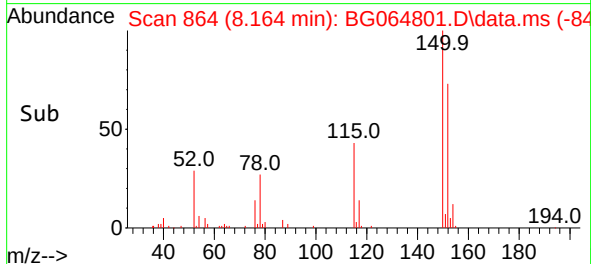
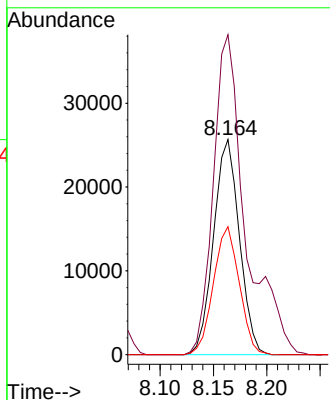
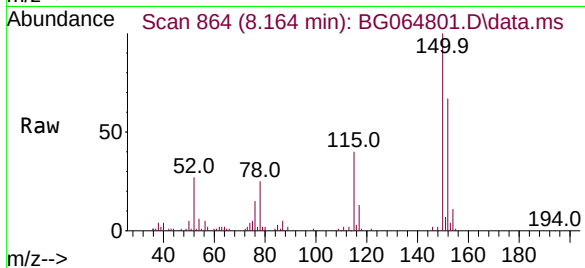
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :
BNA_G
ClientSampleId :
PB170598BS

Tgt Ion:152 Resp: 43218
Ion Ratio Lower Upper
152 100
150 148.8 129.2 193.8
115 59.4 53.7 80.5

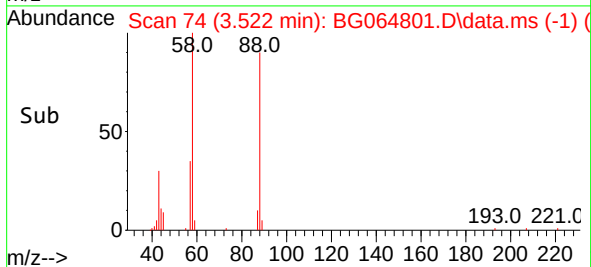
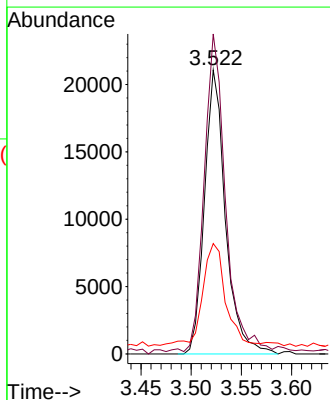
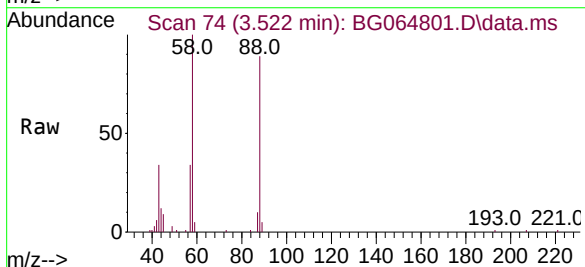
Manual Integrations
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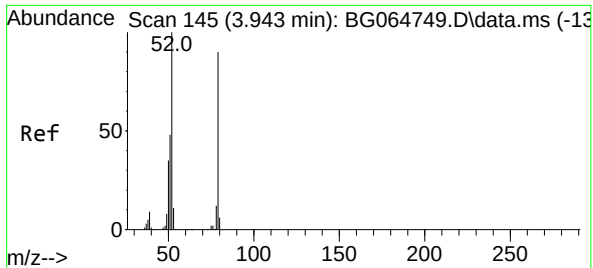
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 32.027 ng
RT: 3.522 min Scan# 74
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

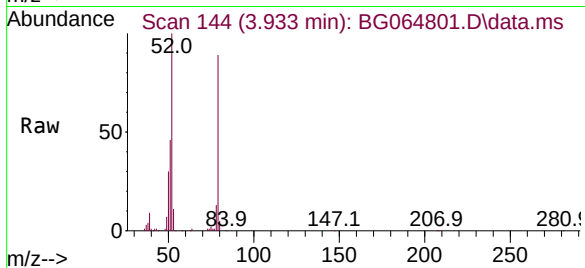
Tgt Ion: 88 Resp: 30686
Ion Ratio Lower Upper
88 100
58 112.9 84.6 126.8
43 38.6 30.0 45.0





#3
Pyridine
Concen: 30.137 ng
RT: 3.933 min Scan# 145
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

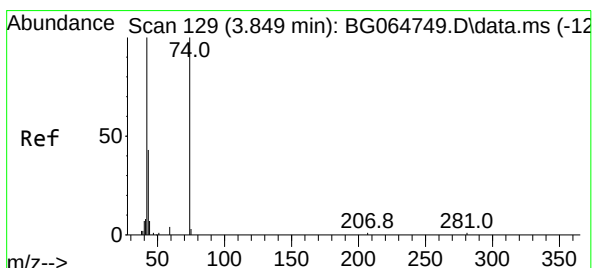
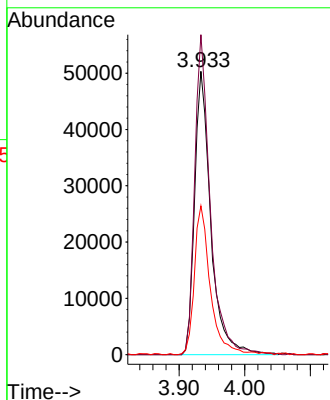
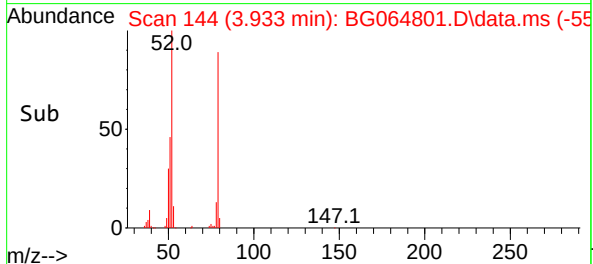
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion: 79 Resp: 86035
Ion Ratio Lower Upper
79 100
52 112.9 89.0 133.4
51 52.5 43.4 65.0

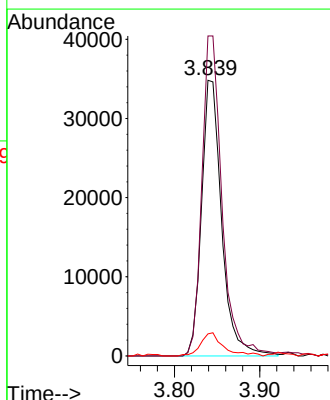
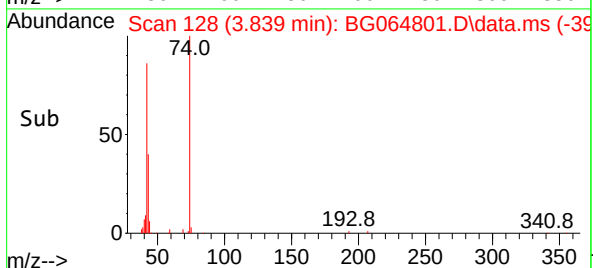
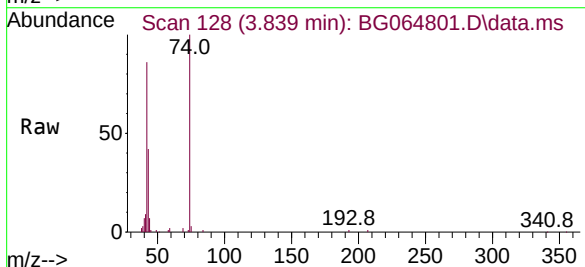
Manual Integrations
APPROVED

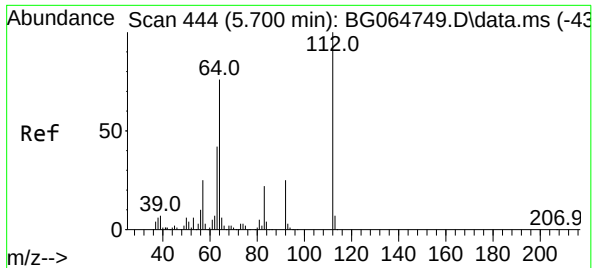
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#4
n-Nitrosodimethylamine
Concen: 39.253 ng
RT: 3.839 min Scan# 128
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

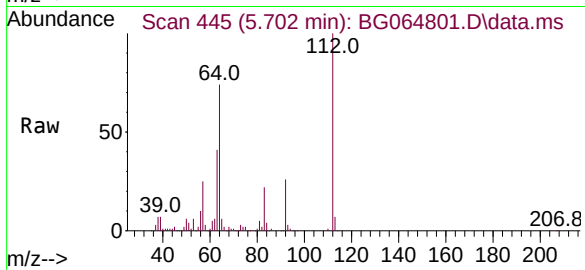
Tgt Ion: 42 Resp: 57035
Ion Ratio Lower Upper
42 100
74 116.1 79.8 119.6
44 8.0 5.9 8.9





#5
2-Fluorophenol
Concen: 129.541 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

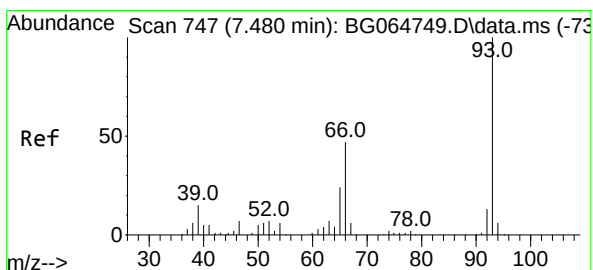
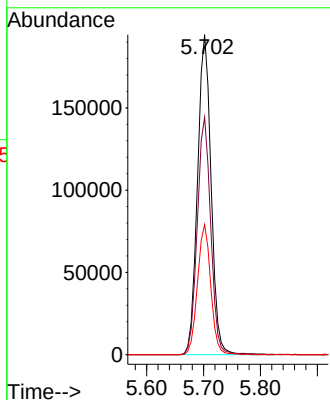
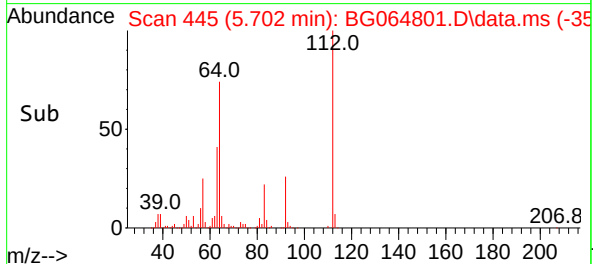
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion: 112 Resp: 32060
Ion Ratio Lower Upper
112 100
64 74.1 61.0 91.4
63 40.6 33.3 49.9

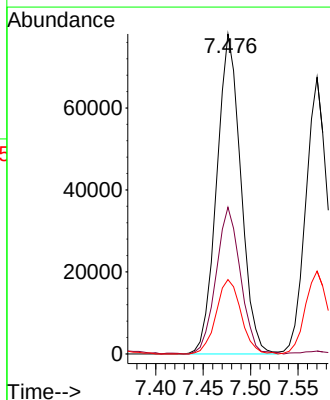
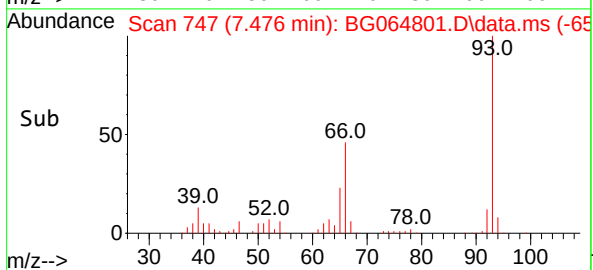
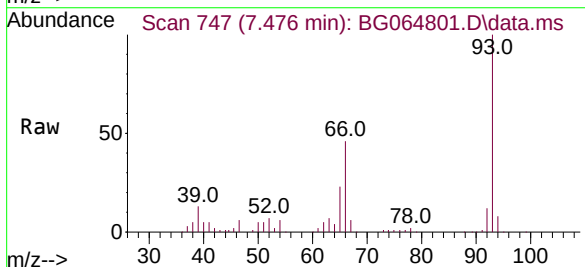
Manual Integrations
APPROVED

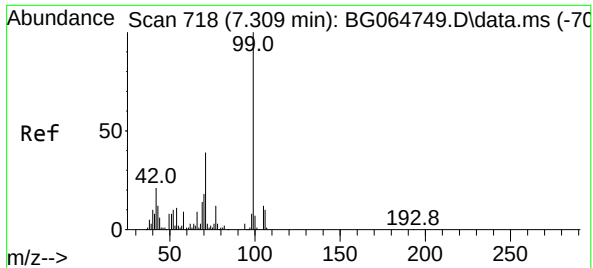
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 31.468 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

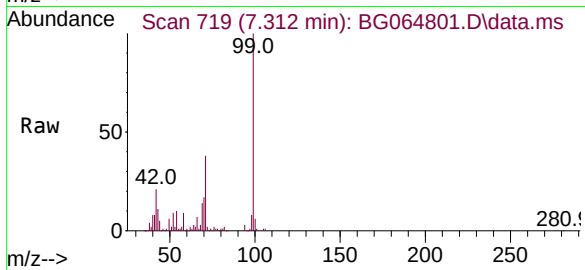
Tgt Ion: 93 Resp: 138071
Ion Ratio Lower Upper
93 100
66 45.8 37.7 56.5
65 23.2 19.1 28.7





#7
Phenol-d6
Concen: 130.743 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

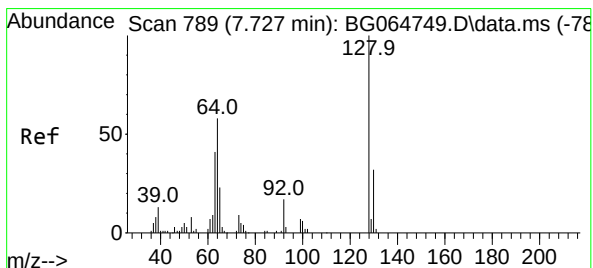
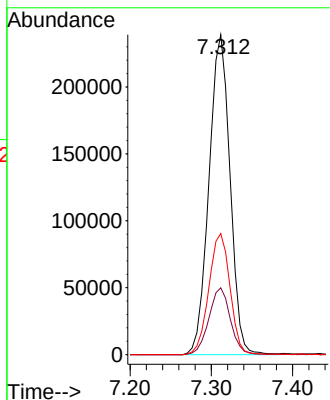
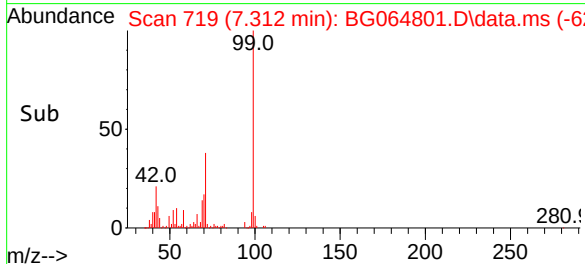
Instrument :
BNA_G
ClientSampleId :
PB170598BS



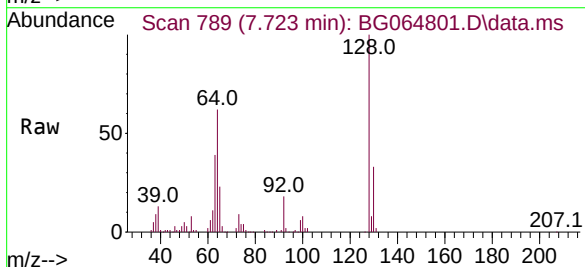
Tgt Ion: 99 Resp: 430380
Ion Ratio Lower Upper
99 100
42 20.9 16.8 25.2
71 37.8 31.1 46.7

Manual Integrations
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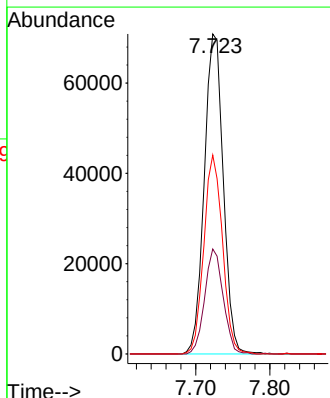
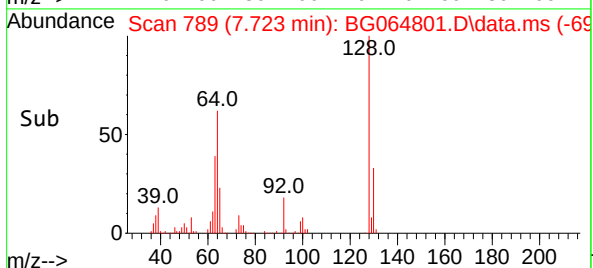
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

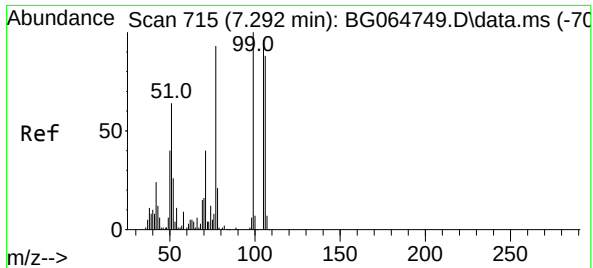


#8
2-Chlorophenol
Concen: 46.445 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:128 Resp: 126216
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 62.1 38.4 78.4





#9

Benzaldehyde

Concen: 21.084 ng

RT: 7.288 min Scan# 715

Delta R.T. -0.004 min

Lab File: BG064801.D

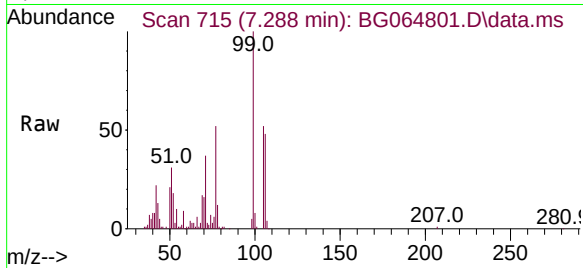
Acq: 18 Nov 2025 13:34

Instrument :

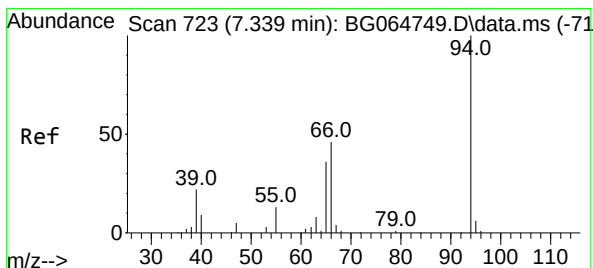
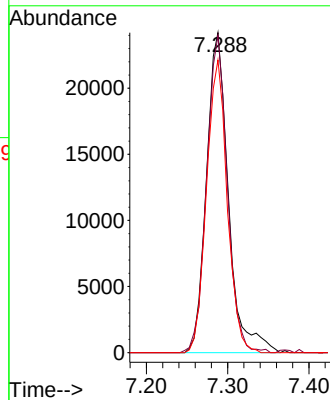
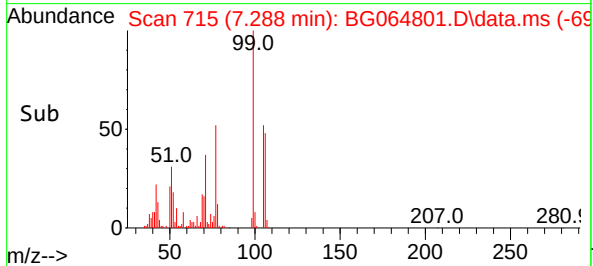
BNA_G

ClientSampleId :

PB170598BS



Tgt Ion: 77	Resp: 4543
Ion Ratio	Lower Upper
77 100	
105 99.1	83.8 123.8
106 91.4	74.3 114.3

Manual Integrations
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Supervised By :Sohil Jodhani 11/19/2025

#10

Phenol

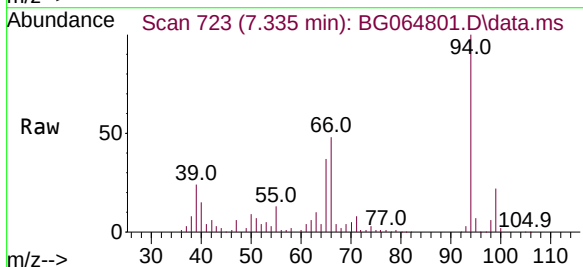
Concen: 47.483 ng

RT: 7.335 min Scan# 723

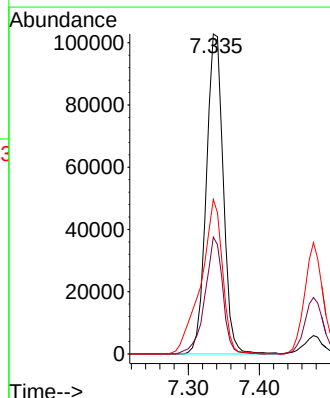
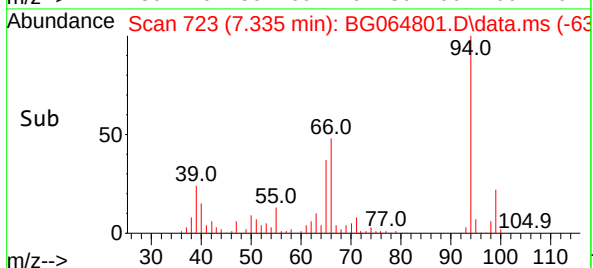
Delta R.T. -0.004 min

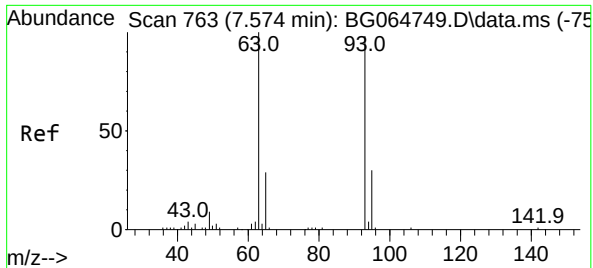
Lab File: BG064801.D

Acq: 18 Nov 2025 13:34



Tgt Ion: 94	Resp: 170064
Ion Ratio	Lower Upper
94 100	
65 36.5	17.0 57.0
66 48.2	29.8 69.8





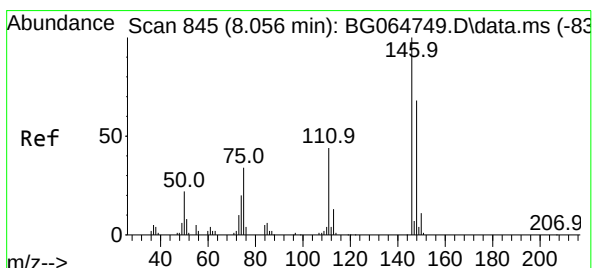
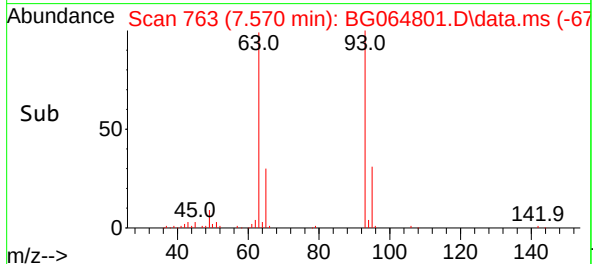
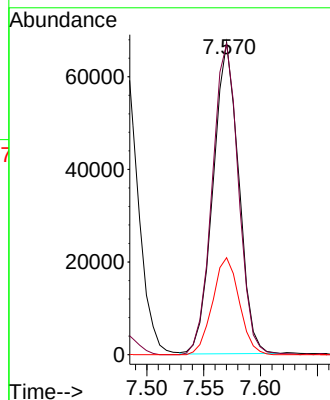
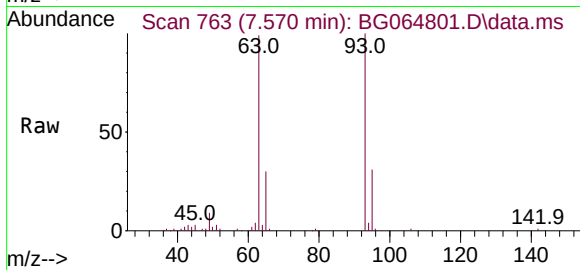
#11
bis(2-Chloroethyl)ether
Concen: 41.425 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :
BNA_G
ClientSampleId :
PB170598BS

Tgt Ion: 93 Resp: 105576
Ion Ratio Lower Upper
93 100
63 99.4 81.8 121.8
95 31.0 10.3 50.3

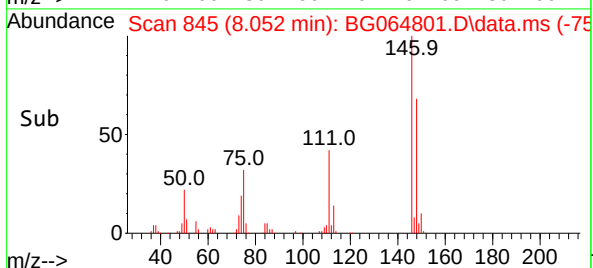
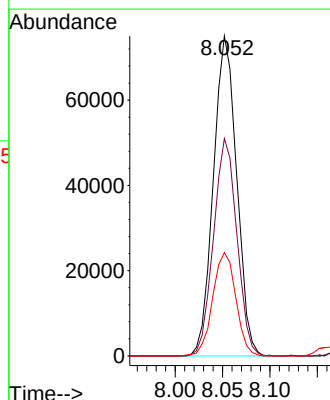
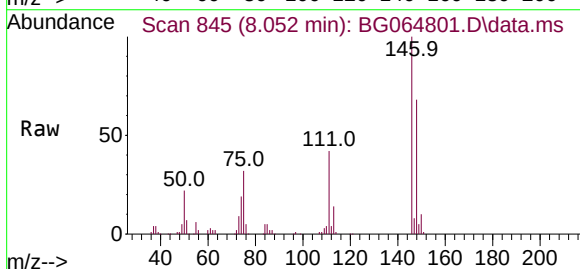
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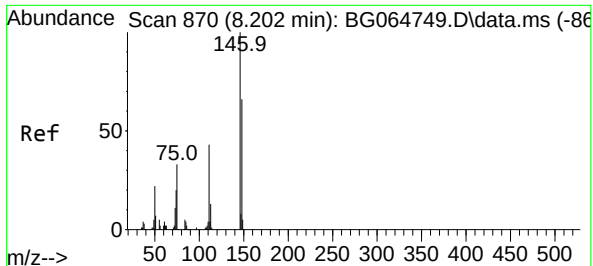
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#12
1,3-Dichlorobenzene
Concen: 41.016 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:146 Resp: 128261
Ion Ratio Lower Upper
146 100
148 67.9 54.6 82.0
75 32.3 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 42.039 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion:146 Resp: 133859

Ion Ratio Lower Upper

146 100

148 70.5 53.1 79.7

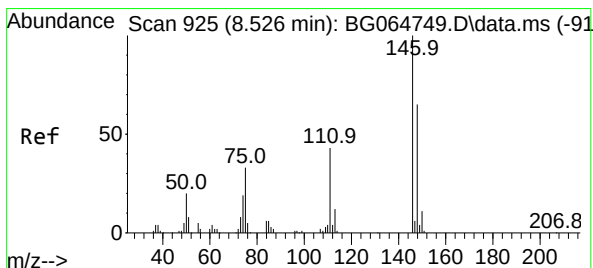
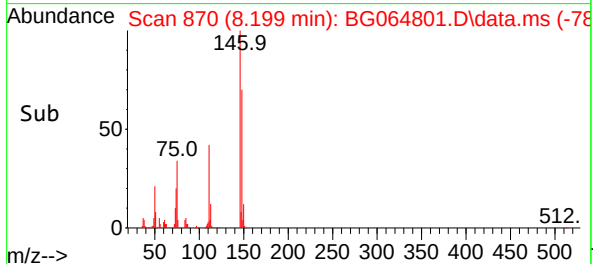
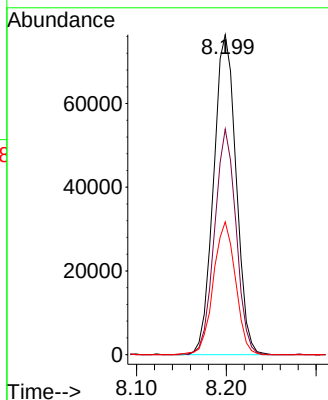
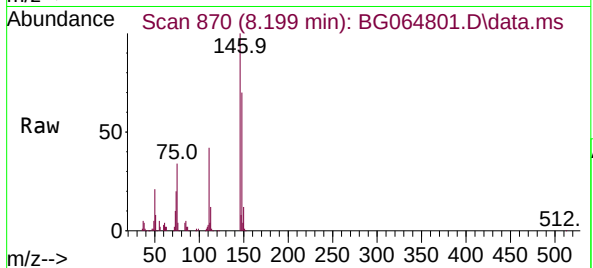
111 41.5 34.1 51.1

Manual Integrations

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Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 42.505 ng

RT: 8.522 min Scan# 925

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

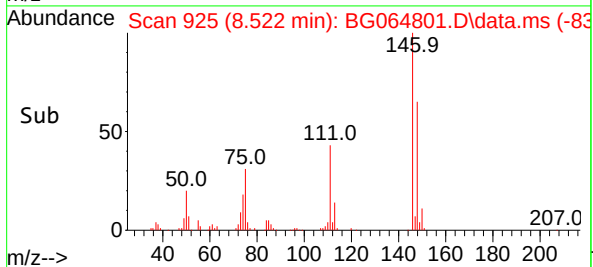
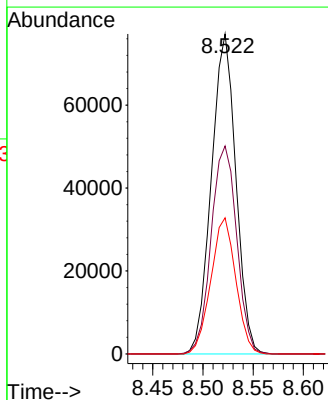
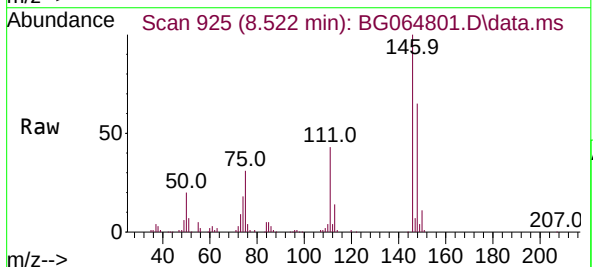
Tgt Ion:146 Resp: 131229

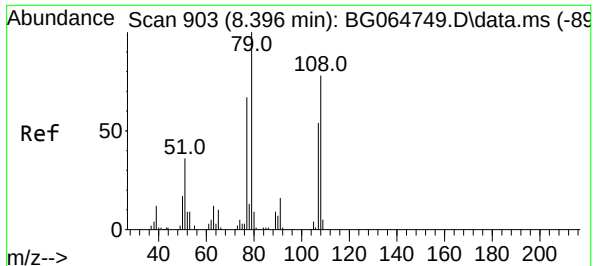
Ion Ratio Lower Upper

146 100

148 65.0 52.0 78.0

111 42.5 34.7 52.1





#15

Benzyl Alcohol

Concen: 46.005 ng

RT: 8.393 min Scan# 90

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion: 79 Resp: 124304

Ion Ratio Lower Upper

79 100

108 70.7 62.3 93.5

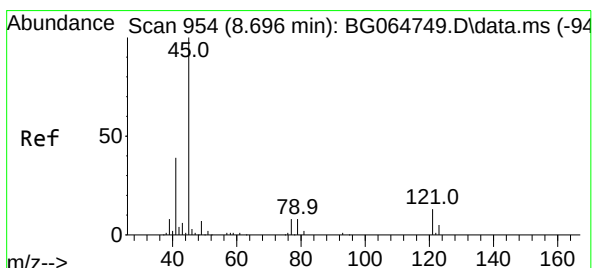
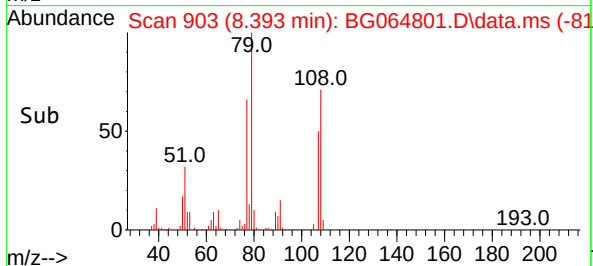
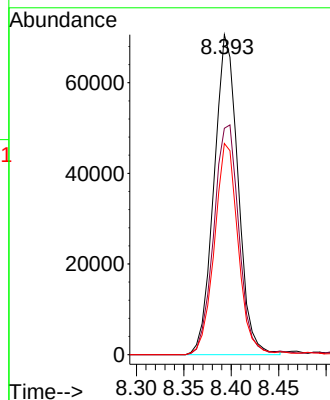
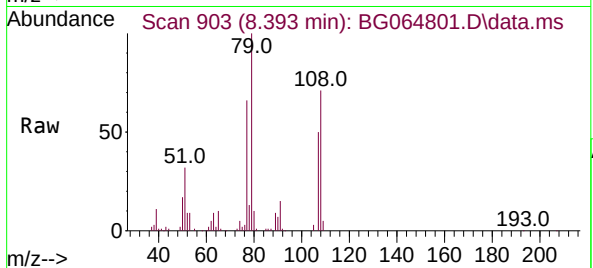
77 66.0 53.5 80.3

Manual Integrations

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Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.476 ng

RT: 8.686 min Scan# 953

Delta R.T. -0.010 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

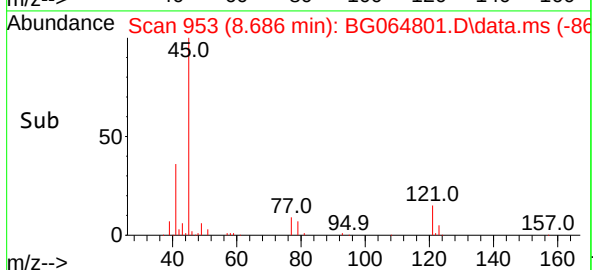
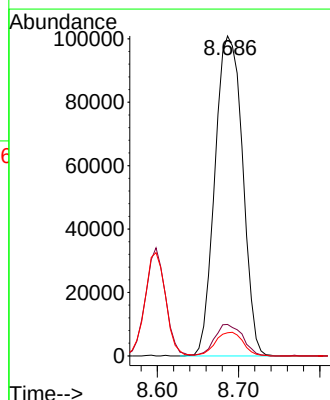
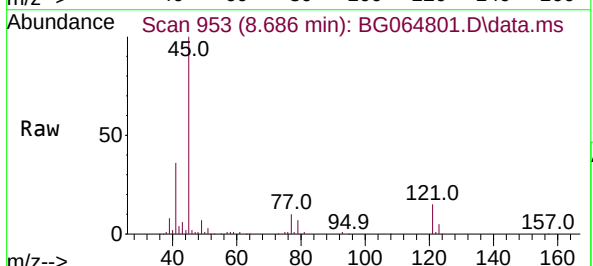
Tgt Ion: 45 Resp: 238139

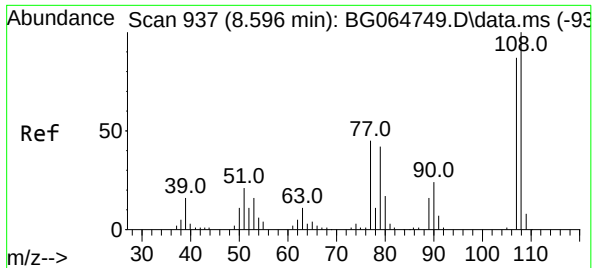
Ion Ratio Lower Upper

45 100

77 9.8 0.0 28.8

79 7.2 0.0 28.1





#17

2-Methylphenol

Concen: 46.325 ng

RT: 8.598 min Scan# 937

Delta R.T. 0.002 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion:107 Resp: 11739

Ion Ratio Lower Upper

107 100

108 114.7 92.6 138.8

77 50.3 41.2 61.8

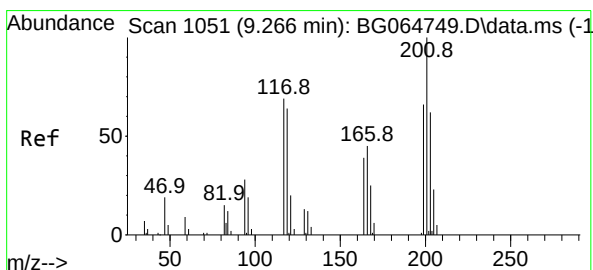
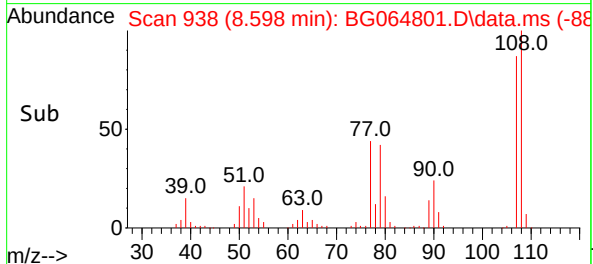
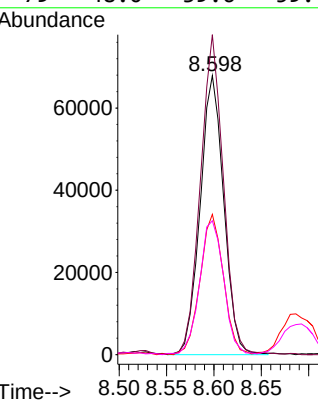
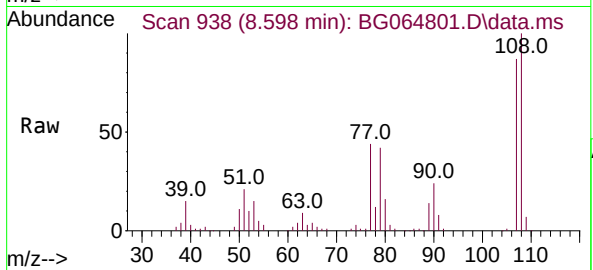
79 48.0 39.6 59.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#18

Hexachloroethane

Concen: 39.400 ng

RT: 9.262 min Scan# 1051

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

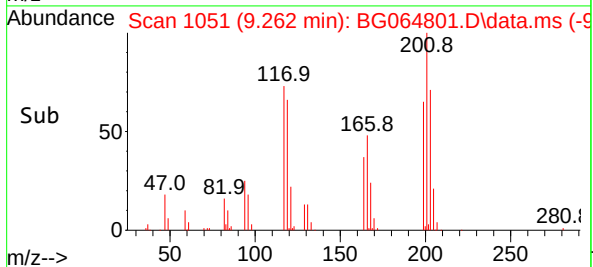
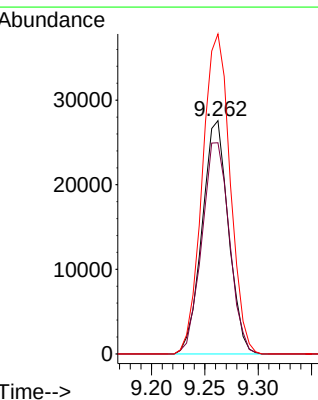
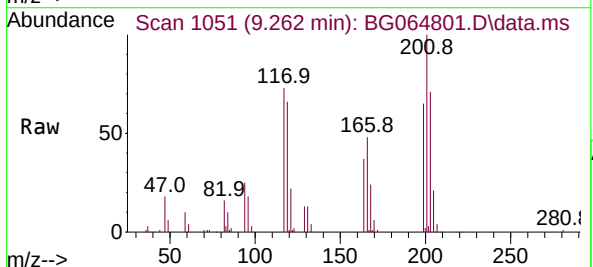
Tgt Ion:117 Resp: 47516

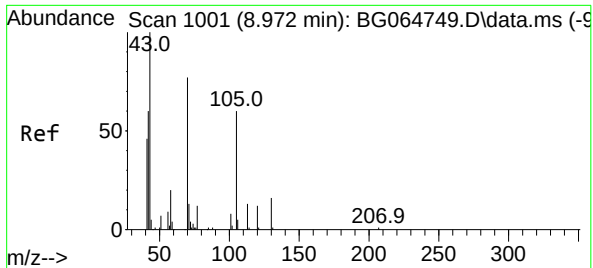
Ion Ratio Lower Upper

117 100

119 90.5 74.4 111.6

201 140.9 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.711 ng

RT: 8.968 min Scan# 1001

Delta R.T. -0.004 min

Lab File: BG064801.D

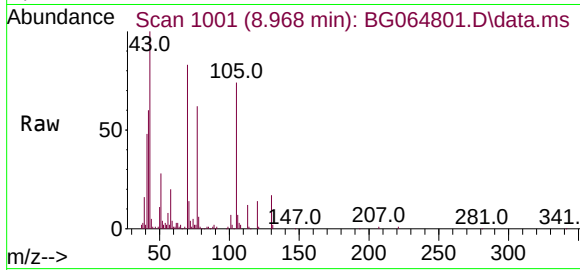
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS



Tgt Ion: 70 Resp: 95063

Ion Ratio Lower Upper

70 100

42 72.3 62.6 93.8

101 8.3 8.0 12.0

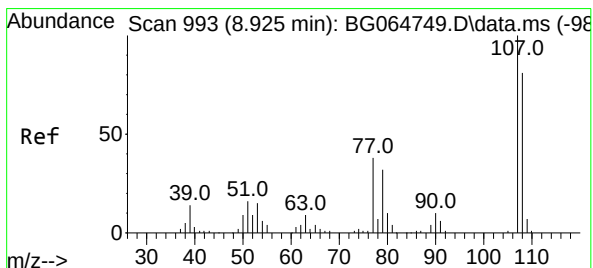
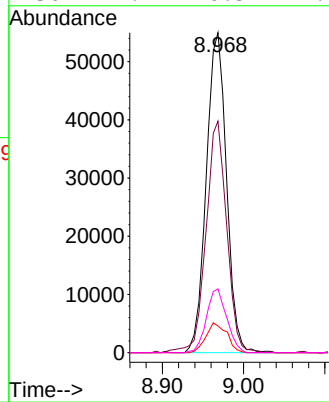
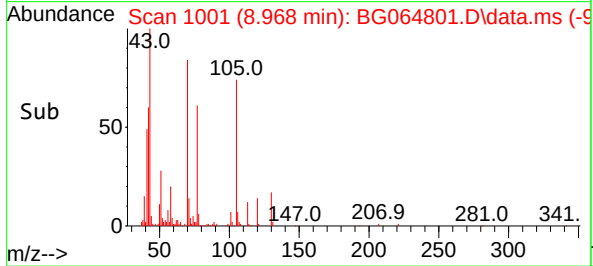
130 19.9 16.5 24.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

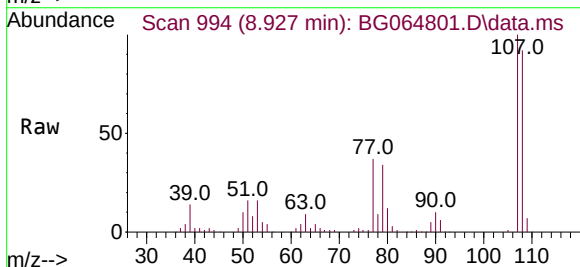
Concen: 46.053 ng

RT: 8.927 min Scan# 994

Delta R.T. 0.002 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34



Tgt Ion:107 Resp: 159883

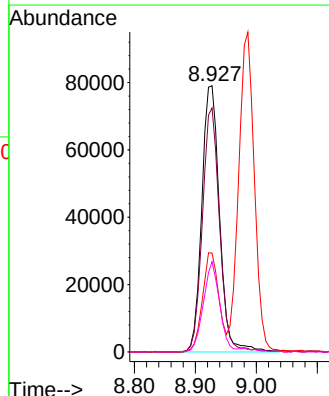
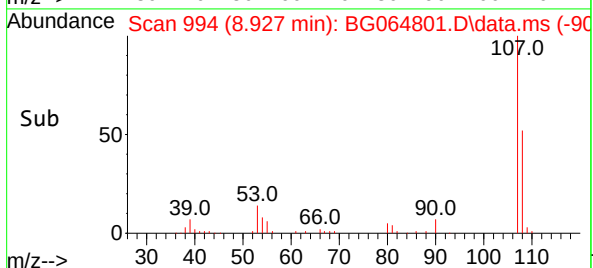
Ion Ratio Lower Upper

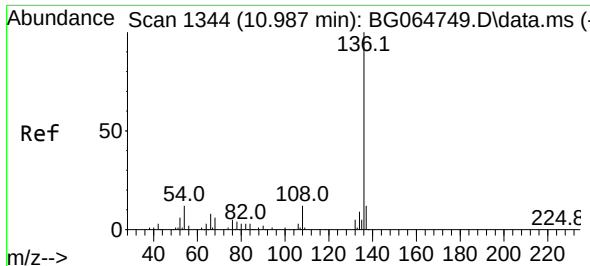
107 100

108 91.6 61.0 101.0

77 37.1 17.6 57.6

79 33.9 12.3 52.3





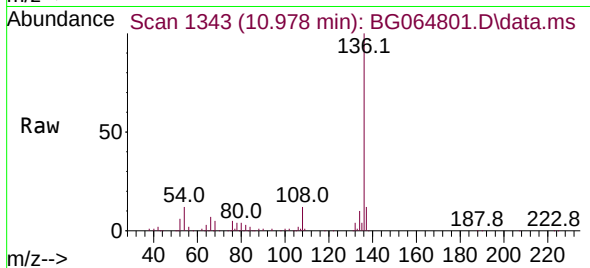
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1344
Delta R.T. -0.009 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

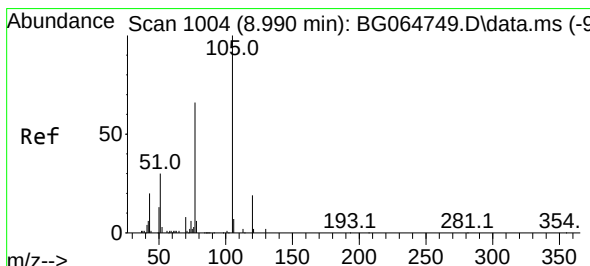
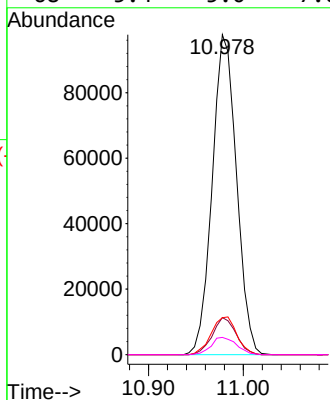
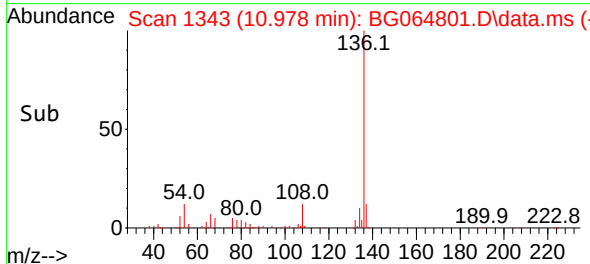
PB170598BS



Tgt Ion:136 Resp: 17383
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 11.5 9.3 13.9
68 5.4 5.0 7.6

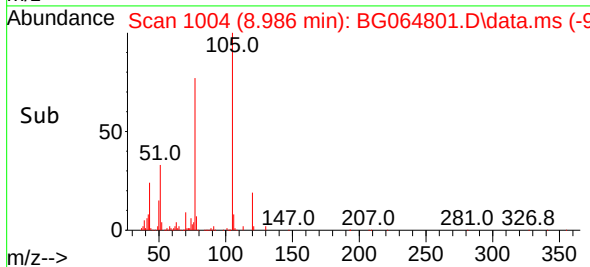
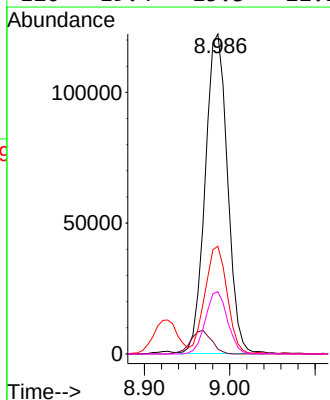
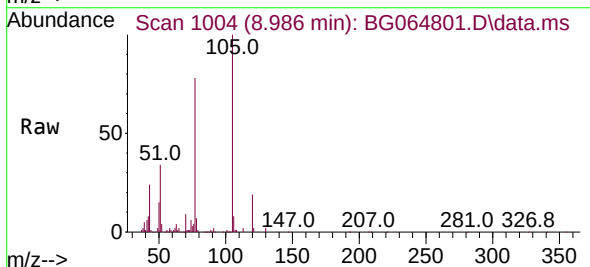
Manual Integrations
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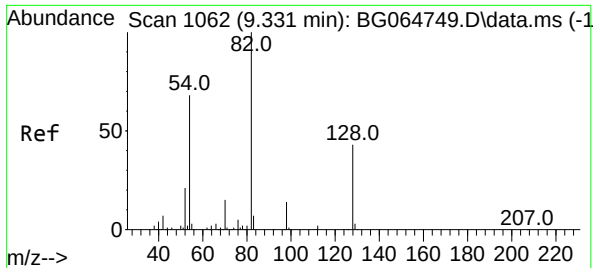
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#22
Acetophenone
Concen: 46.810 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:105 Resp: 221689
Ion Ratio Lower Upper
105 100
71 1.5 1.3 1.9
51 33.6 27.9 41.9
120 19.4 15.3 22.9





#23

Nitrobenzene-d5

Concen: 78.205 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion: 82 Resp: 274952

Ion Ratio Lower Upper

82 100

128 41.0 34.1 51.1

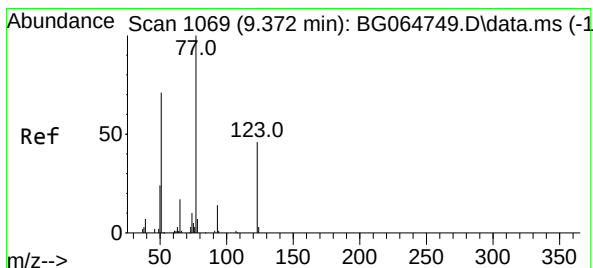
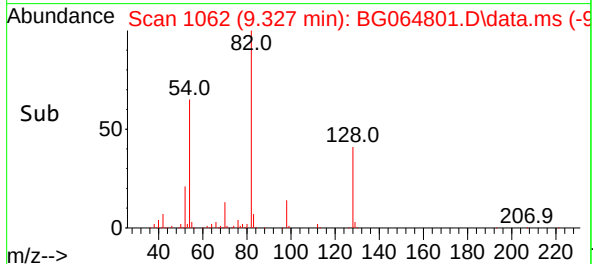
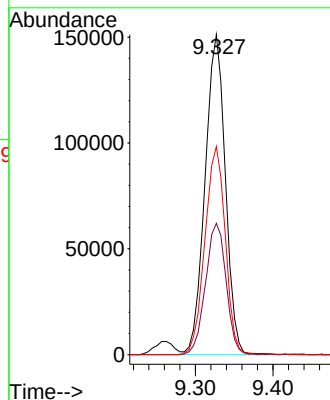
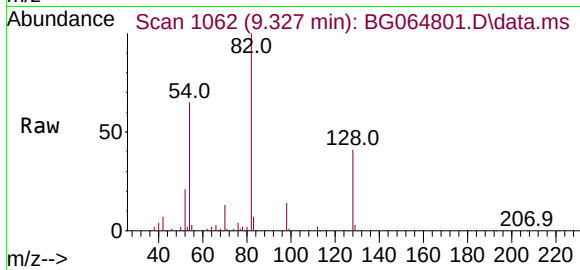
54 65.0 54.3 81.5

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 41.789 ng

RT: 9.368 min Scan# 1069

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

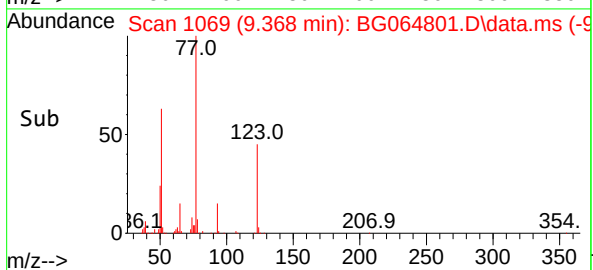
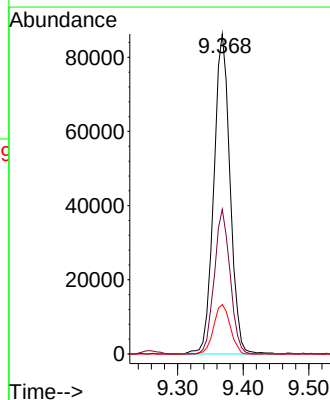
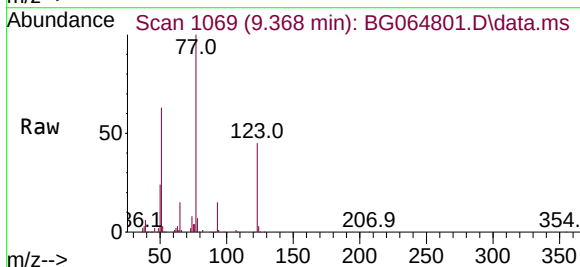
Tgt Ion: 77 Resp: 148453

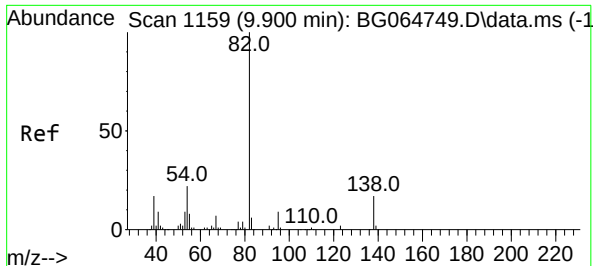
Ion Ratio Lower Upper

77 100

123 45.2 36.5 54.7

65 15.5 13.5 20.3





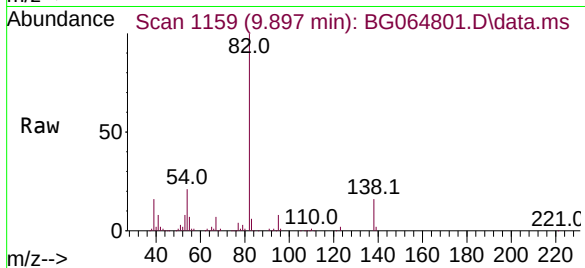
#25
Isophorone
Concen: 41.177 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

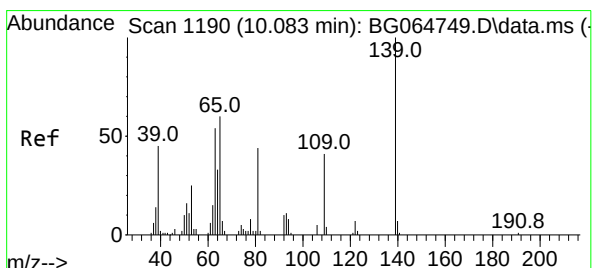
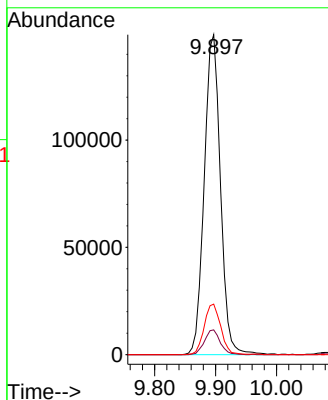
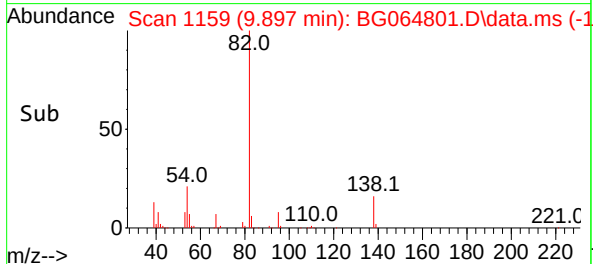
PB170598BS



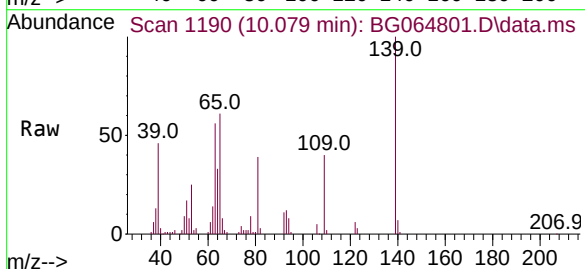
Tgt Ion: 82 Resp: 27569
Ion Ratio Lower Upper
82 100
95 7.7 6.9 10.3
138 15.8 13.9 20.9

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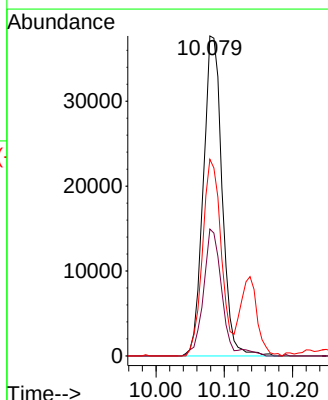
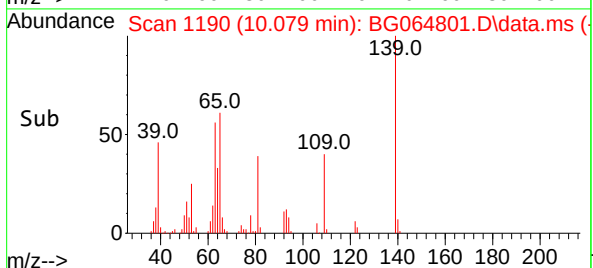
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

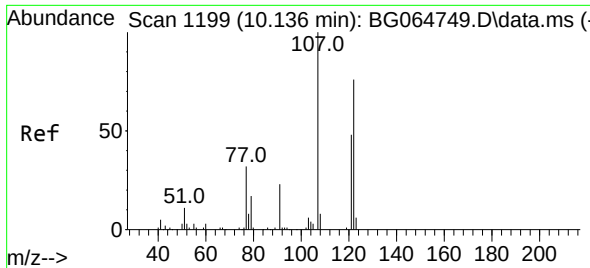


#26
2-Nitrophenol
Concen: 45.009 ng
RT: 10.079 min Scan# 1190
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



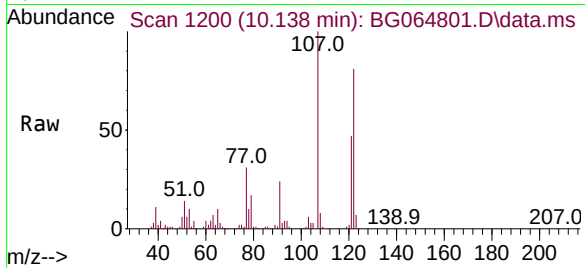
Tgt Ion:139 Resp: 71917
Ion Ratio Lower Upper
139 100
109 39.6 32.5 48.7
65 61.4 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 44.861 ng
RT: 10.138 min Scan# 1199
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

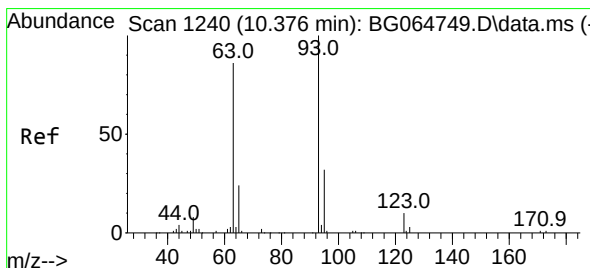
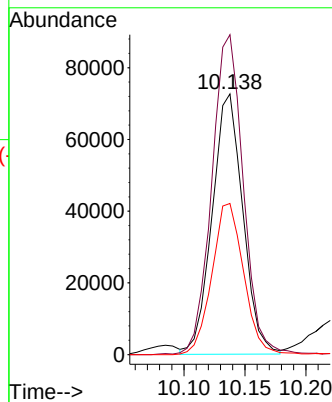
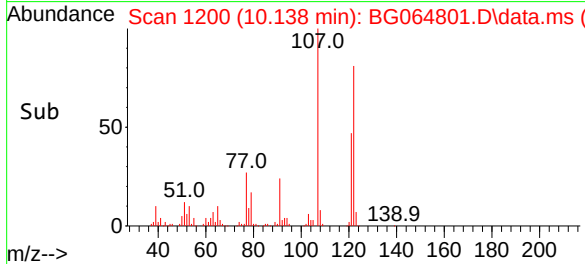
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:122 Resp: 127345
Ion Ratio Lower Upper
122 100
107 122.8 102.5 153.7
121 58.0 49.0 73.6

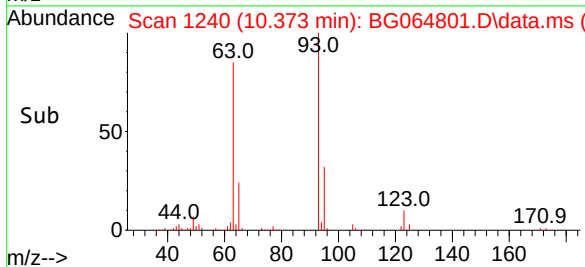
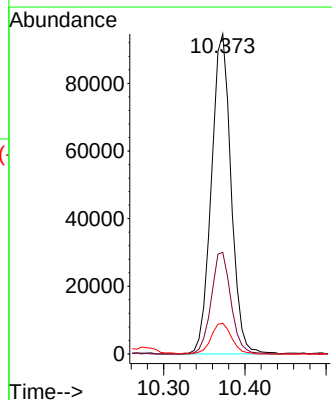
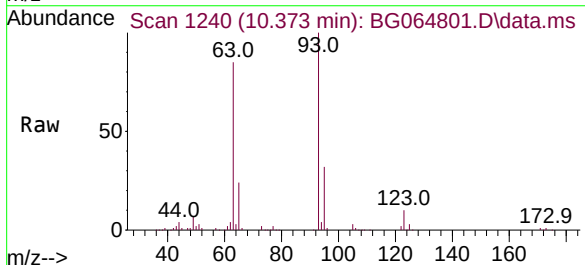
Manual Integrations
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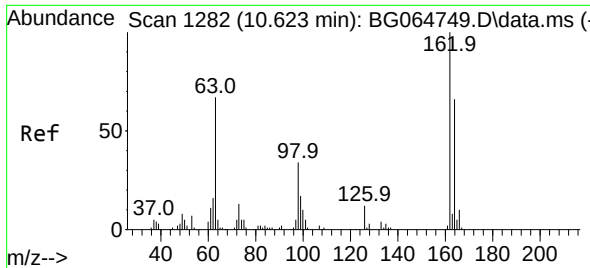
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#28
bis(2-Chloroethoxy)methane
Concen: 43.271 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion: 93 Resp: 159049
Ion Ratio Lower Upper
93 100
95 31.7 25.4 38.2
123 9.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 47.349 ng

RT: 10.620 min Scan# 1282

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion:162 Resp: 144305

Ion Ratio Lower Upper

162 100

164 67.3 46.0 86.0

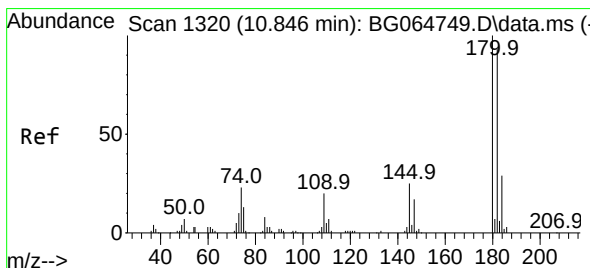
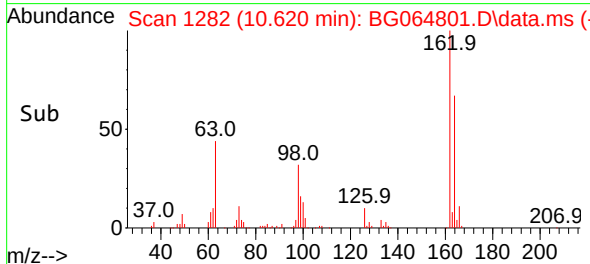
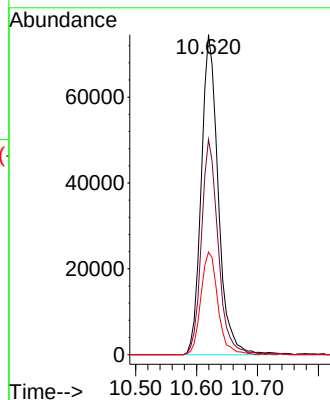
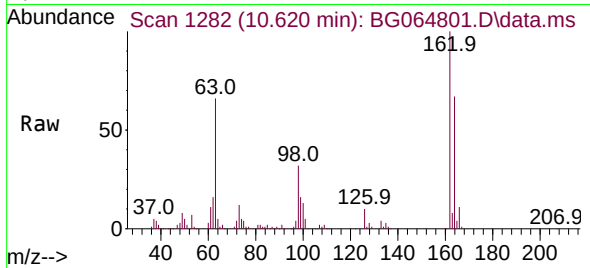
98 32.0 14.2 54.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.950 ng

RT: 10.843 min Scan# 1320

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

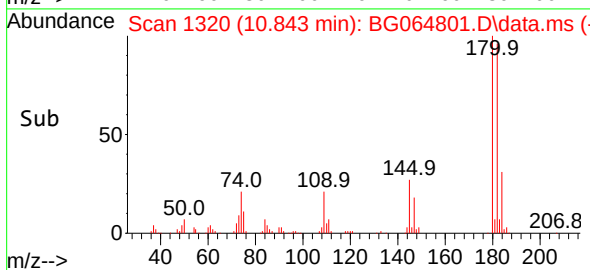
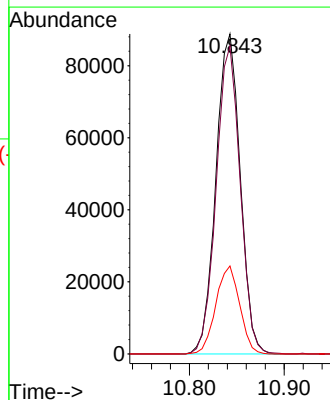
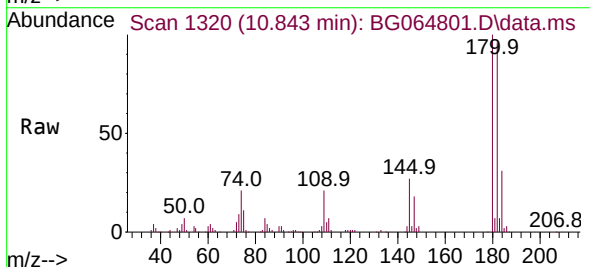
Tgt Ion:180 Resp: 158061

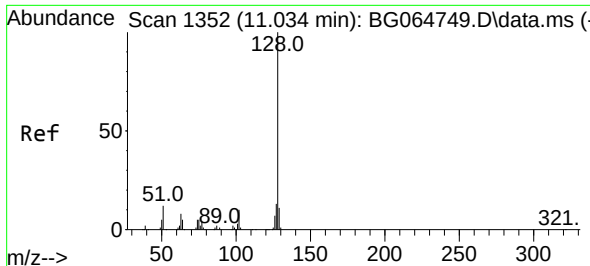
Ion Ratio Lower Upper

180 100

182 96.2 74.2 111.4

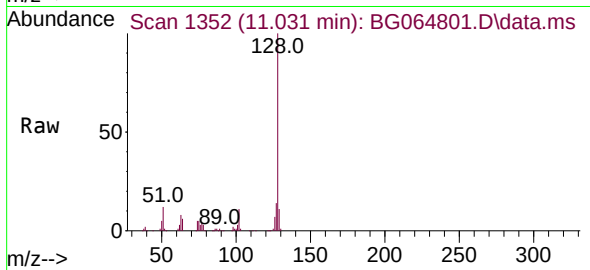
145 27.5 20.0 30.0





#31
Naphthalene
Concen: 40.983 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

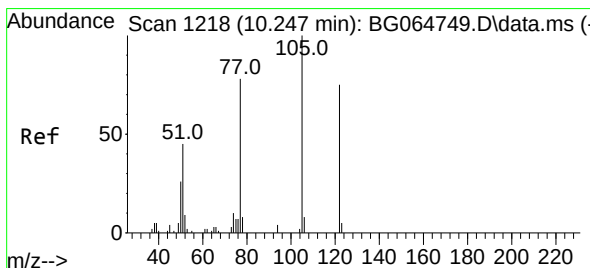
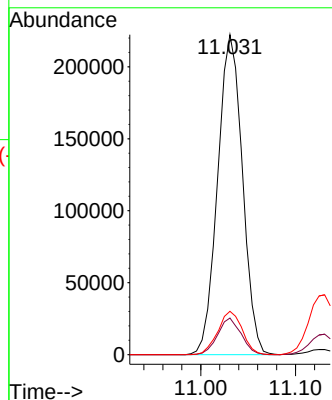
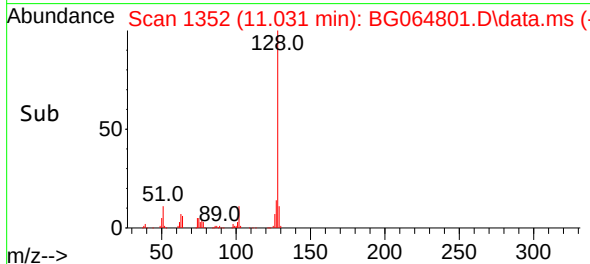
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:128 Resp: 403850
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.5 10.6 16.0

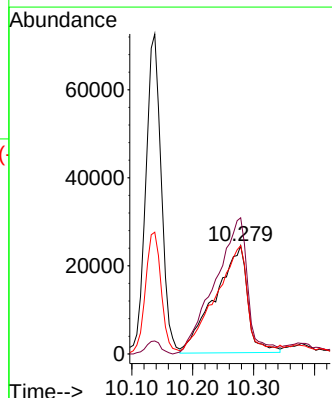
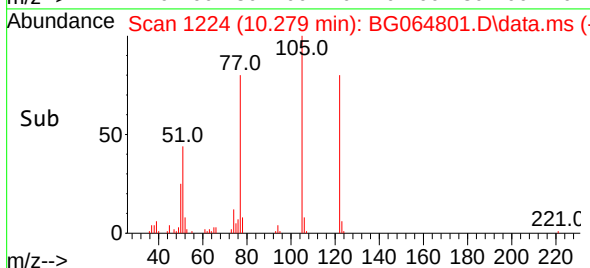
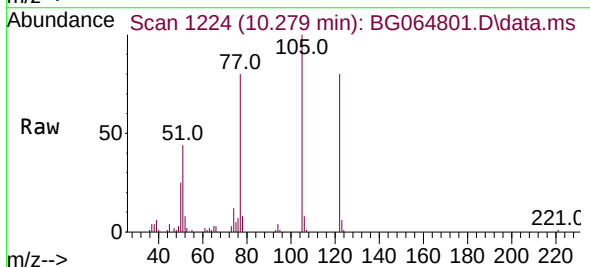
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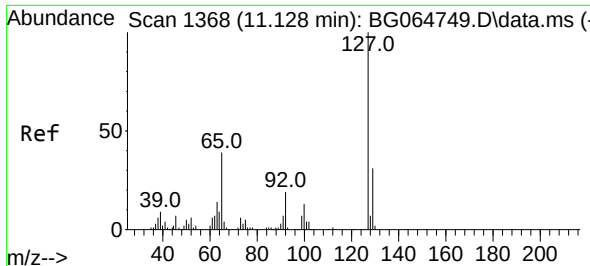
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 45.600 ng
RT: 10.279 min Scan# 1224
Delta R.T. 0.032 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:122 Resp: 90686
Ion Ratio Lower Upper
122 100
105 125.8 107.6 147.6
77 100.0 82.5 122.5





#33
4-Chloroaniline
Concen: 21.931 ng
RT: 11.131 min Scan# 1368
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

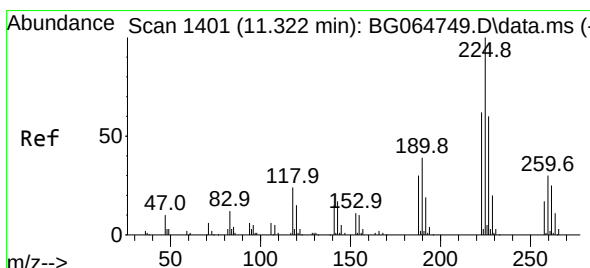
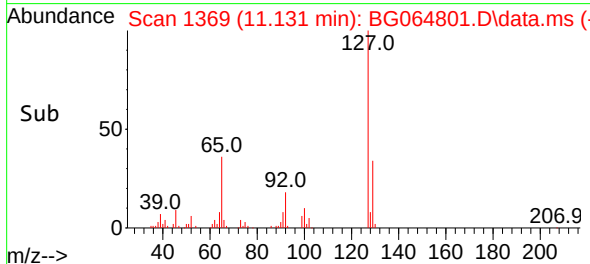
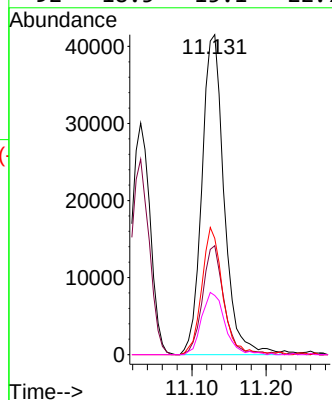
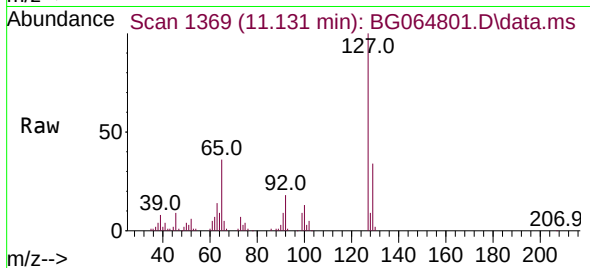
ClientSampleId :

PB170598BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.0	24.9	37.3
65	36.3	30.9	46.3
92	18.5	15.1	22.7

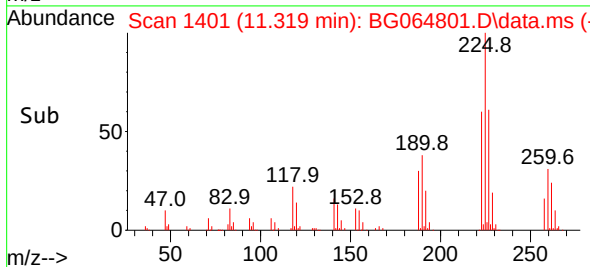
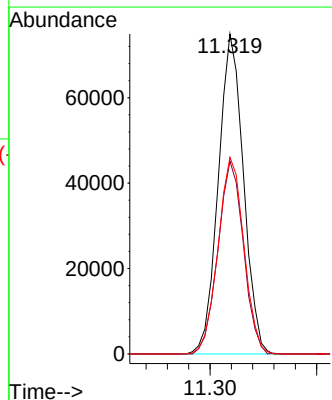
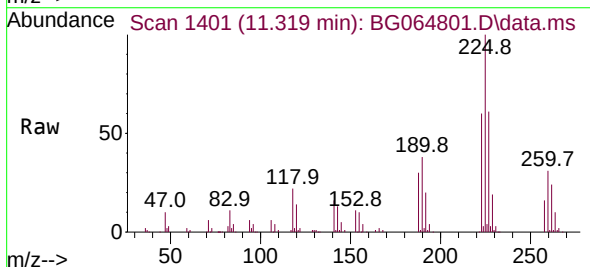
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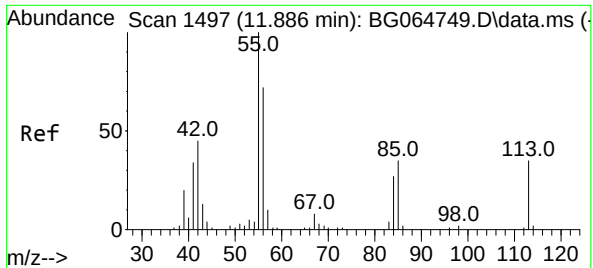
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 38.900 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.9	74.9
227	61.4	50.6	75.8





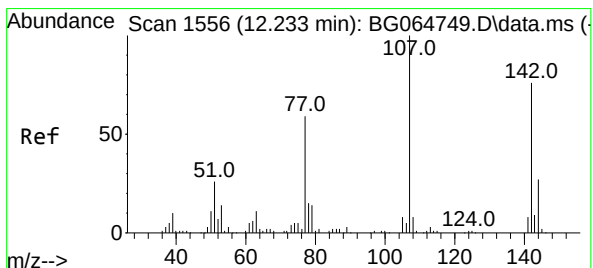
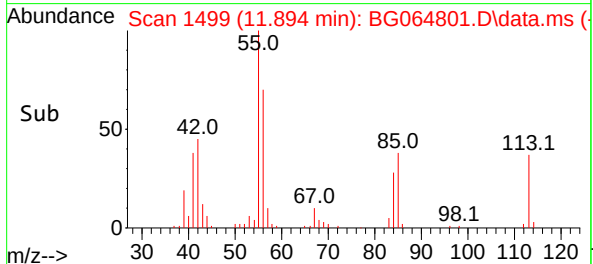
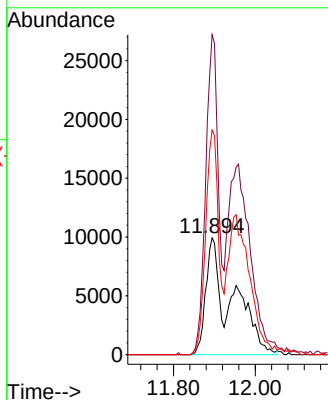
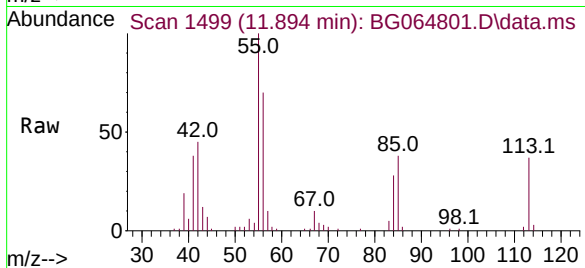
#35
Caprolactam
Concen: 47.776 ng m
RT: 11.894 min Scan# 1499
Delta R.T. 0.008 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :
BNA_G
ClientSampleId :
PB170598BS

Tgt Ion:113 Resp: 43550
Ion Ratio Lower Upper
113 100
55 274.0 263.7 303.7
56 192.1 184.0 224.0

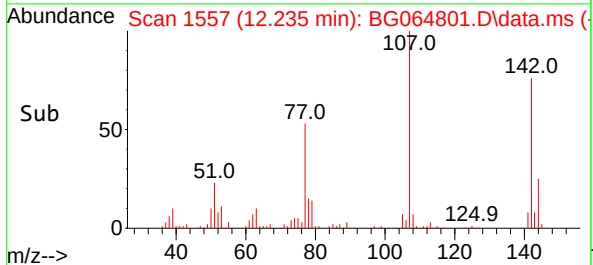
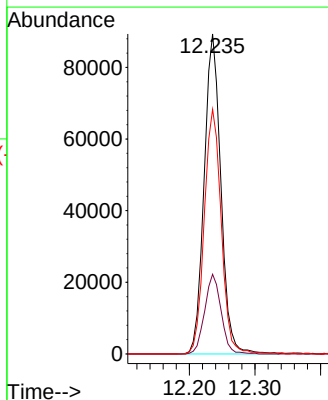
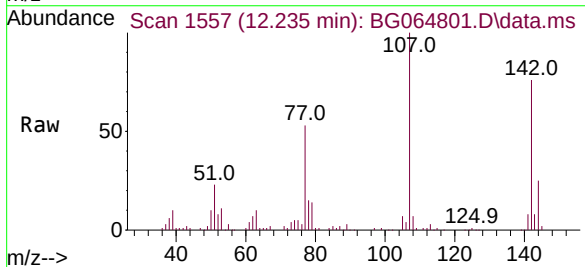
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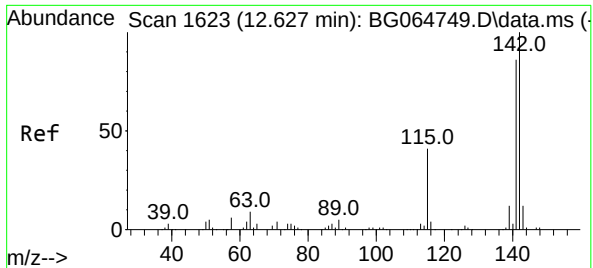
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#36
4-Chloro-3-methylphenol
Concen: 46.458 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

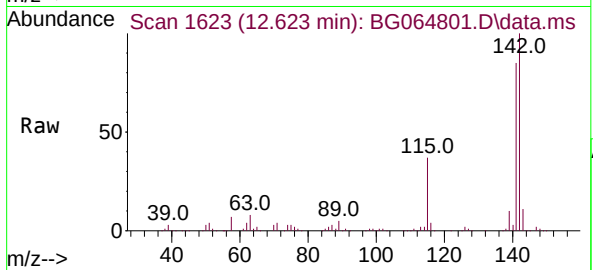
Tgt Ion:107 Resp: 157593
Ion Ratio Lower Upper
107 100
144 24.9 21.7 32.5
142 76.5 60.8 91.2





#37
2-Methylnaphthalene
Concen: 37.647 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

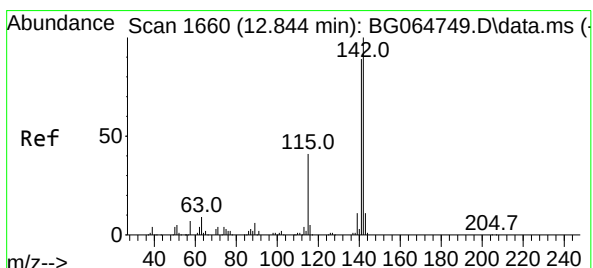
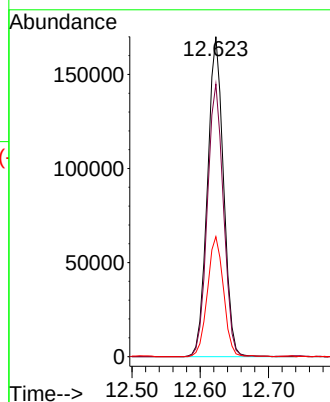
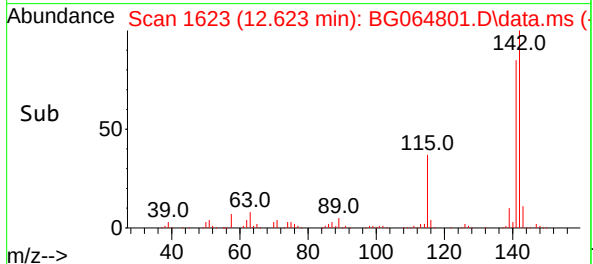
Instrument :
BNA_G
ClientSampleId :
PB170598BS



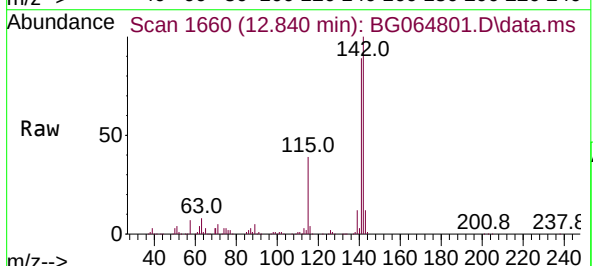
Tgt Ion:142 Resp: 277614
Ion Ratio Lower Upper
142 100
141 85.2 69.1 103.7
115 37.5 32.9 49.3

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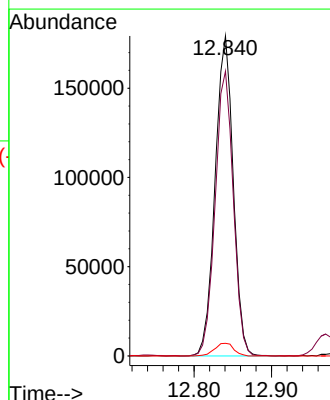
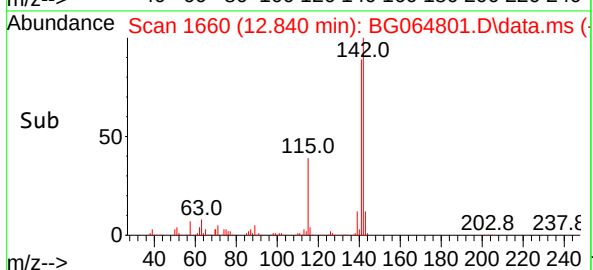
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

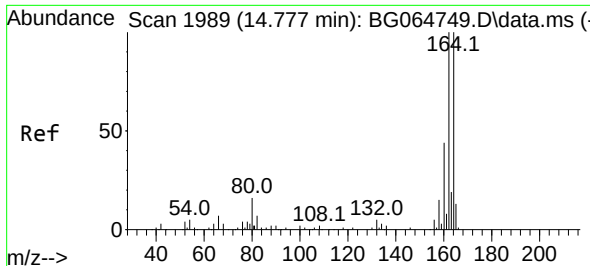


#38
1-Methylnaphthalene
Concen: 39.707 ng
RT: 12.840 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:142 Resp: 290858
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2
116 3.9 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.773 min Scan# 1989

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion:164 Resp: 141529

Ion Ratio Lower Upper

164 100

162 101.4 79.8 119.6

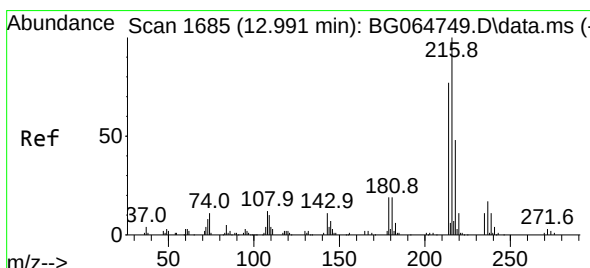
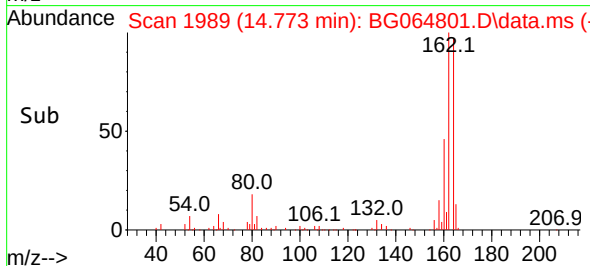
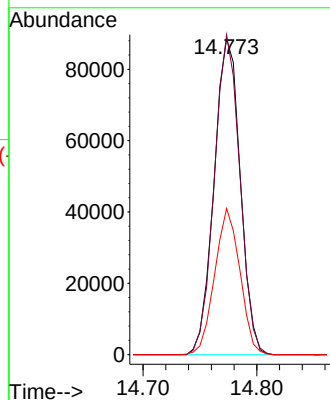
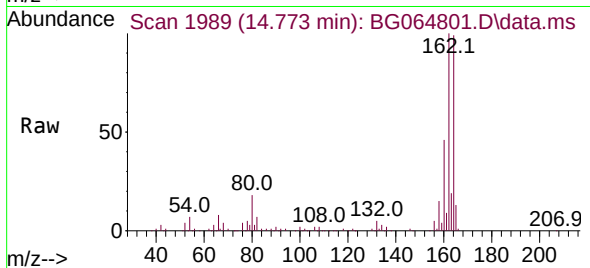
160 46.3 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.836 ng

RT: 12.987 min Scan# 1685

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Tgt Ion:216 Resp: 246950

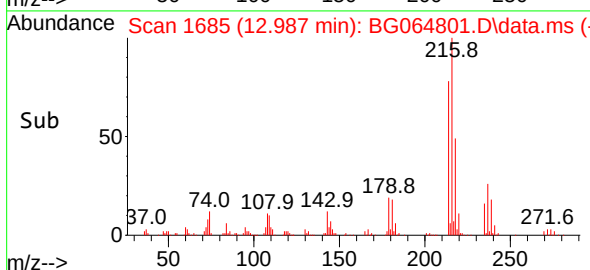
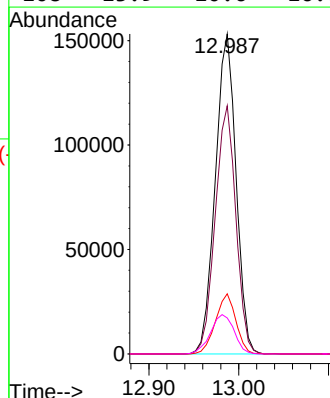
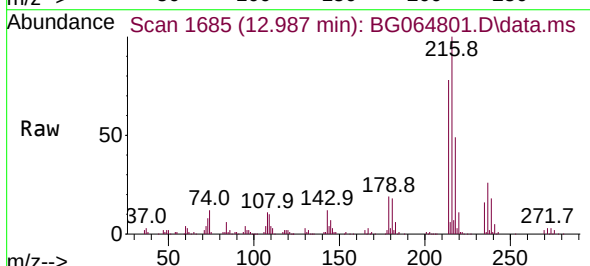
Ion Ratio Lower Upper

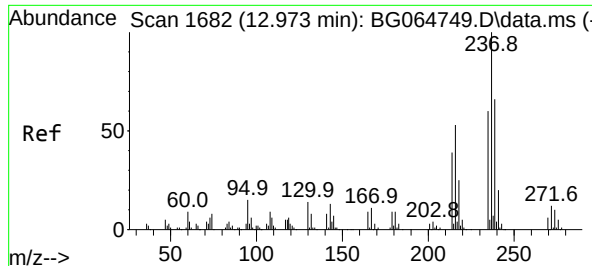
216 100

214 77.2 60.5 90.7

179 18.4 14.7 22.1

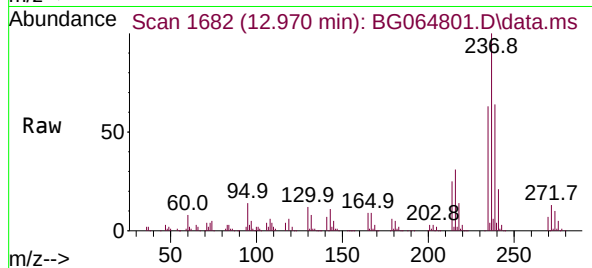
108 13.9 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 67.885 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

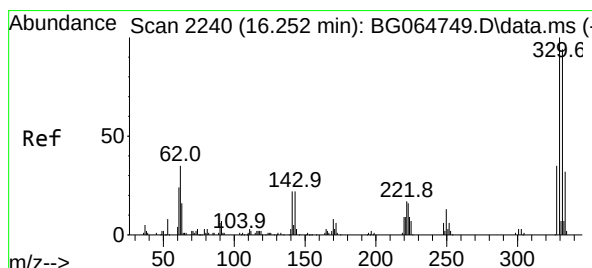
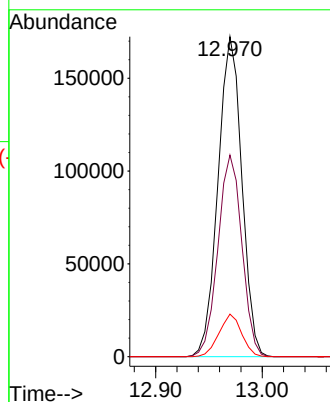
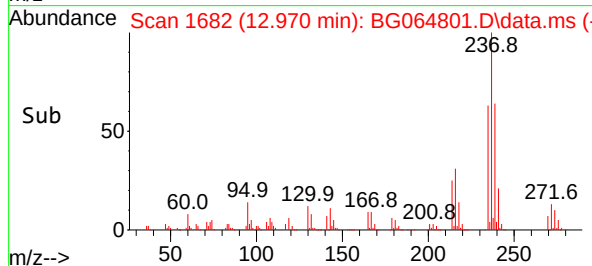
Instrument :
BNA_G
ClientSampleId :
PB170598BS



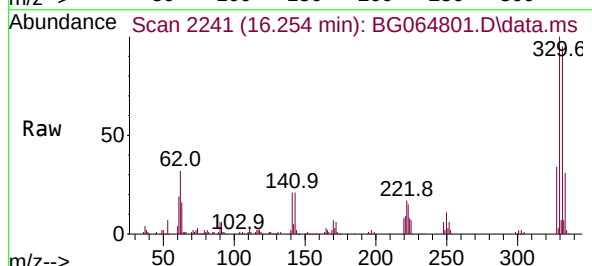
Tgt Ion:237 Resp: 268004
Ion Ratio Lower Upper
237 100
235 63.0 40.2 80.2
272 13.3 0.0 31.9

Manual Integrations
APPROVED

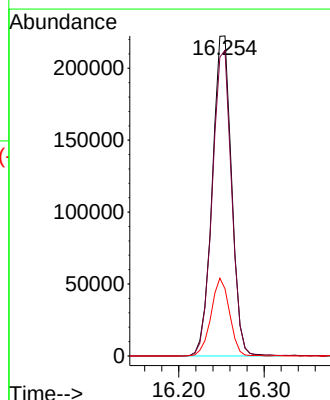
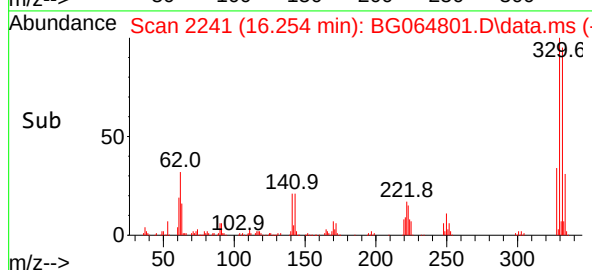
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

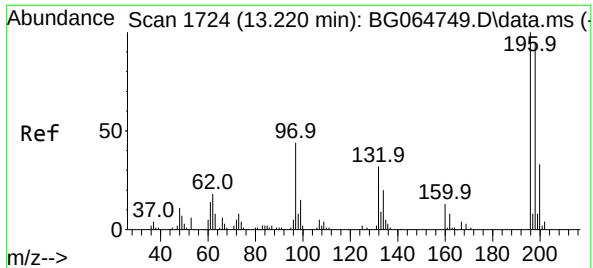


#42
2,4,6-Tribromophenol
Concen: 126.326 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



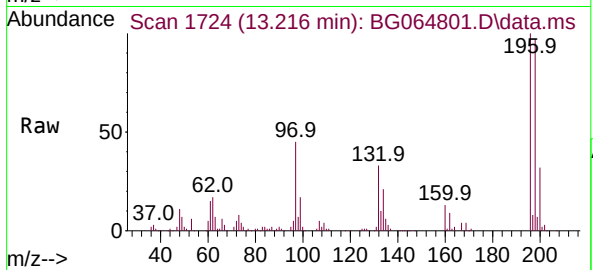
Tgt Ion:330 Resp: 348692
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 23.2 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 44.893 ng
RT: 13.216 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

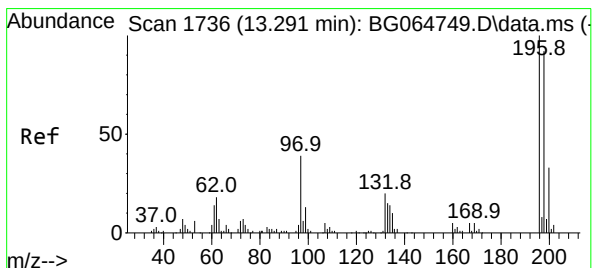
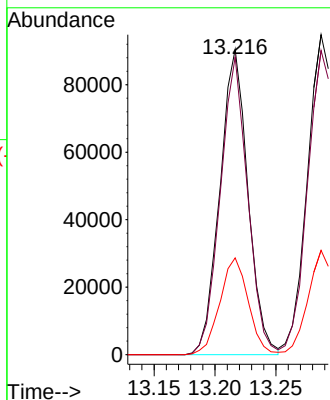
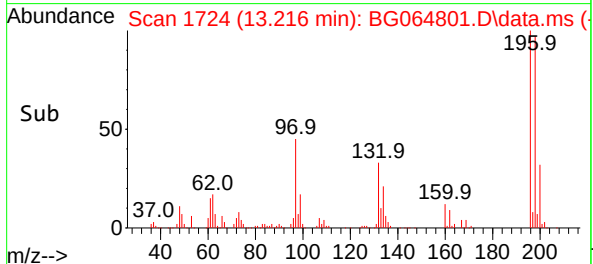
Instrument :
BNA_G
ClientSampleId :
PB170598BS



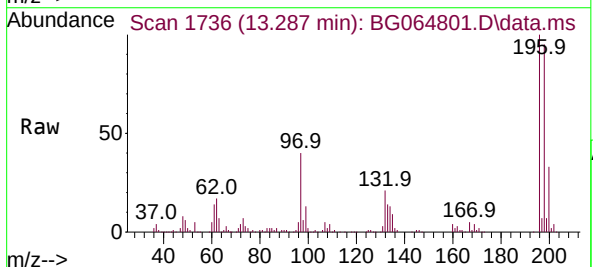
Tgt Ion:196 Resp: 145125
Ion Ratio Lower Upper
196 100
198 97.5 75.3 112.9
200 31.7 26.2 39.2

Manual Integrations
APPROVED

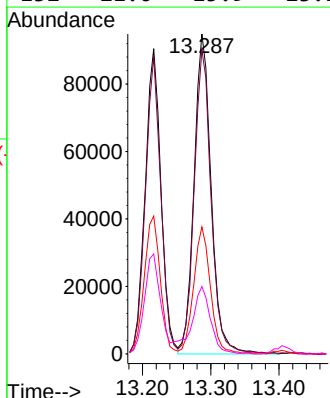
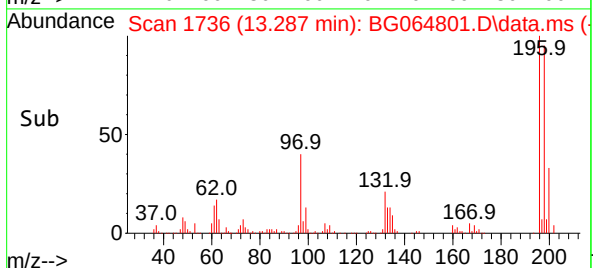
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

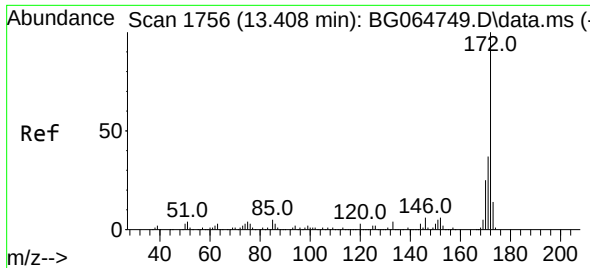


#44
2,4,5-Trichlorophenol
Concen: 45.775 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



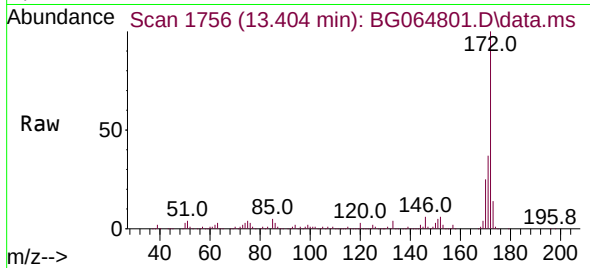
Tgt Ion:196 Resp: 165963
Ion Ratio Lower Upper
196 100
198 95.0 73.2 109.8
97 39.7 31.4 47.0
132 21.0 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 75.868 ng
RT: 13.404 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

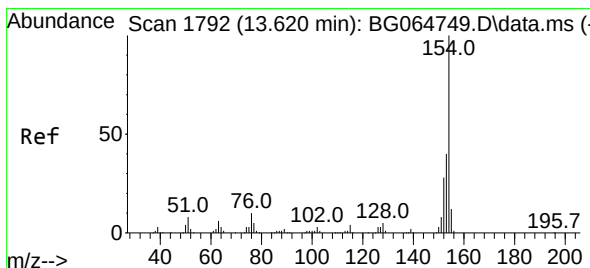
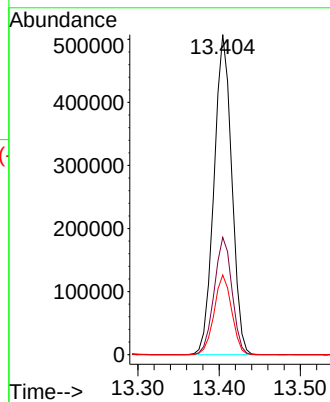
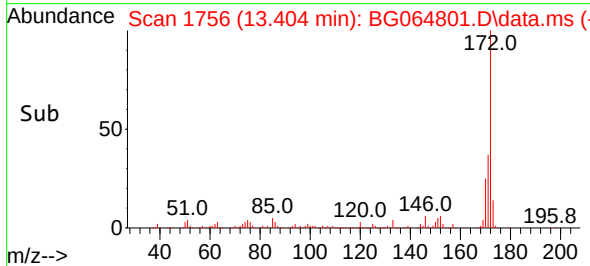
Instrument :
BNA_G
ClientSampleId :
PB170598BS



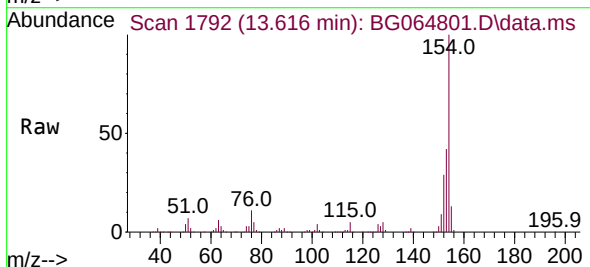
Tgt Ion:172 Resp: 76953
Ion Ratio Lower Upper
172 100
171 36.6 29.9 44.9
170 24.9 19.8 29.6

Manual Integrations
APPROVED

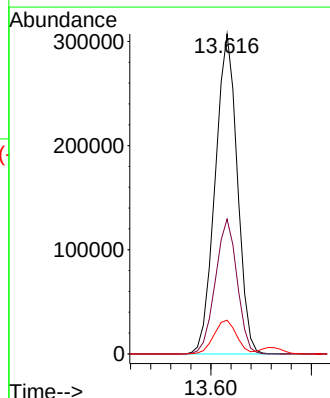
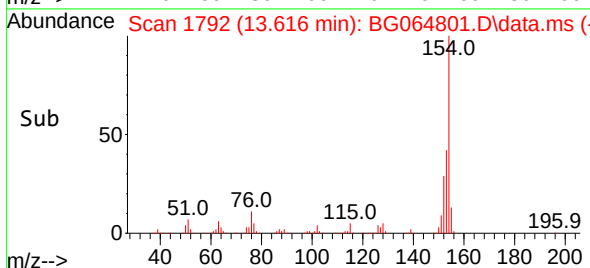
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

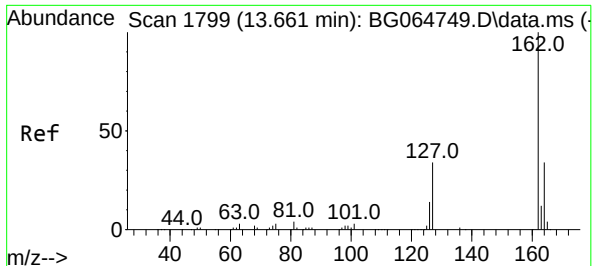


#46
1,1'-Biphenyl
Concen: 46.257 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:154 Resp: 470212
Ion Ratio Lower Upper
154 100
153 42.1 19.8 59.8
76 10.5 0.0 30.0





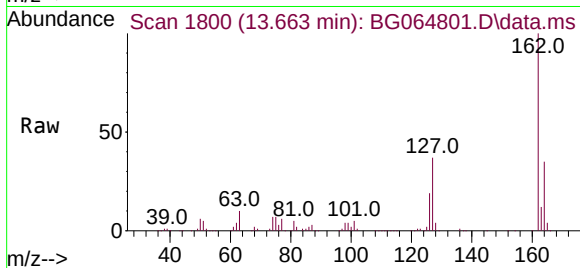
#47
2-Chloronaphthalene
Concen: 40.997 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

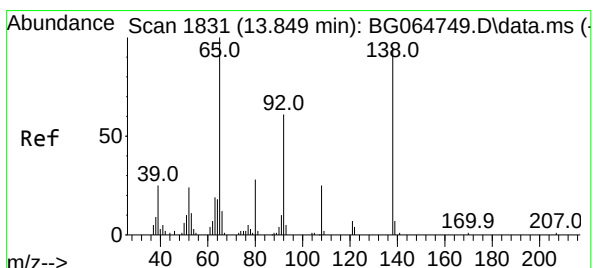
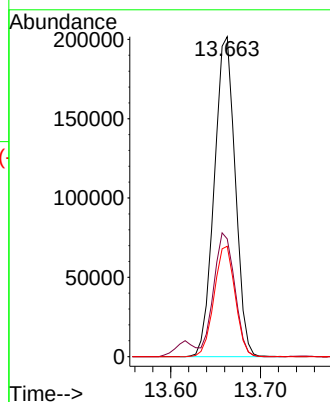
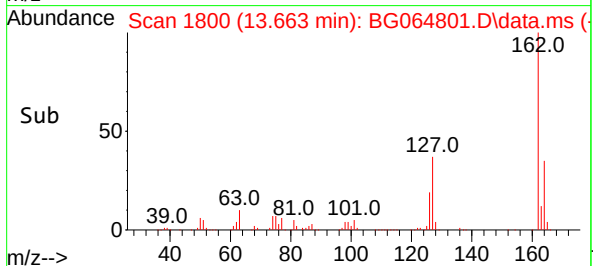
PB170598BS



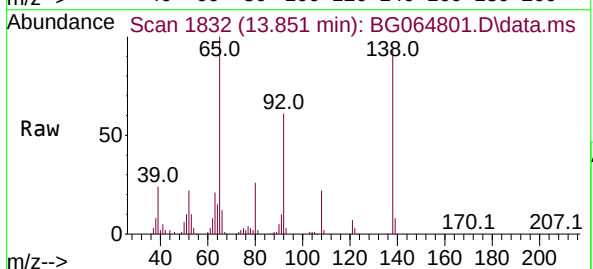
Tgt Ion:162 Resp: 328320
Ion Ratio Lower Upper
162 100
127 36.8 30.3 45.5
164 34.5 26.8 40.2

Manual Integrations
APPROVED

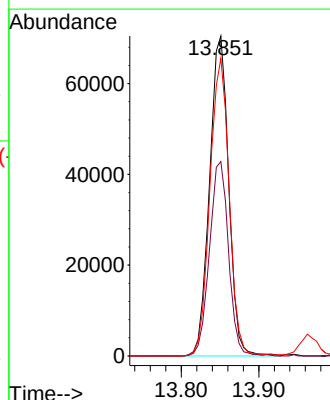
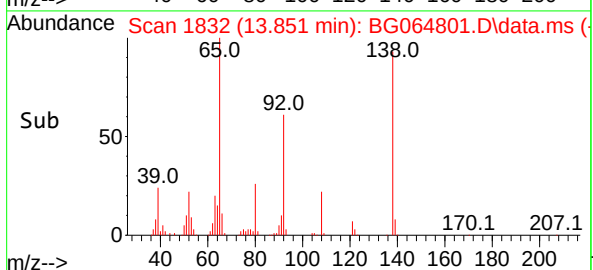
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

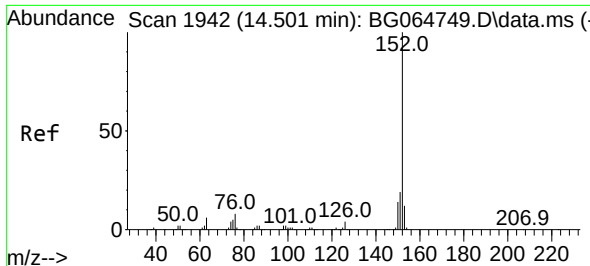


#48
2-Nitroaniline
Concen: 46.803 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion: 65 Resp: 120555
Ion Ratio Lower Upper
65 100
92 60.7 48.6 73.0
138 93.0 76.4 114.6





#49

Acenaphthylene

Concen: 42.858 ng

RT: 14.497 min Scan# 1942

Delta R.T. -0.004 min

Lab File: BG064801.D

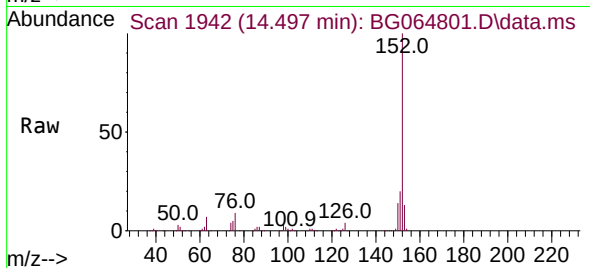
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

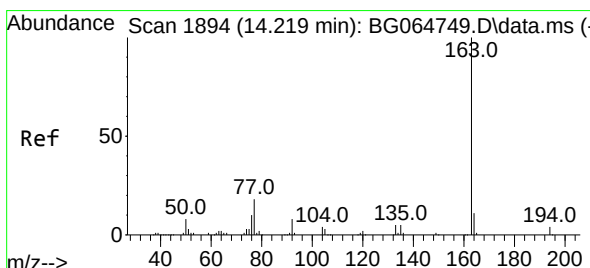
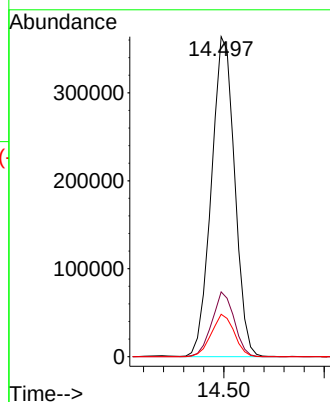
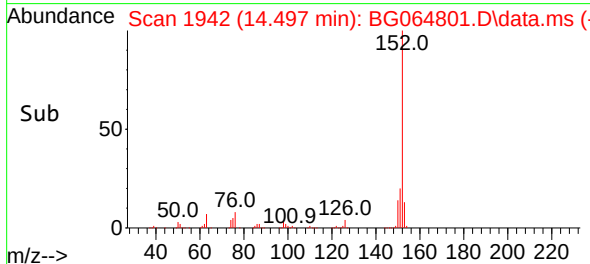
PB170598BS



Tgt Ion:	152	Resp:	586359
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.0	22.4
153	13.2	9.9	14.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

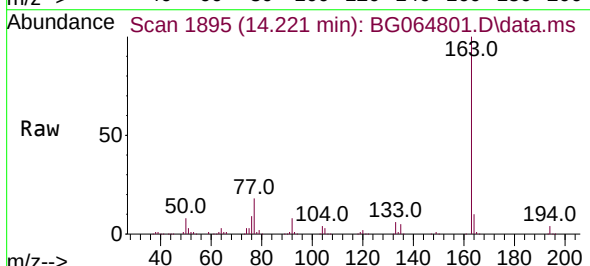
Concen: 43.337 ng

RT: 14.221 min Scan# 1895

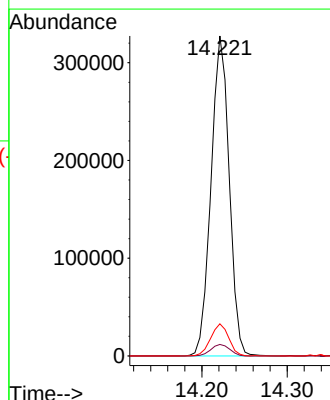
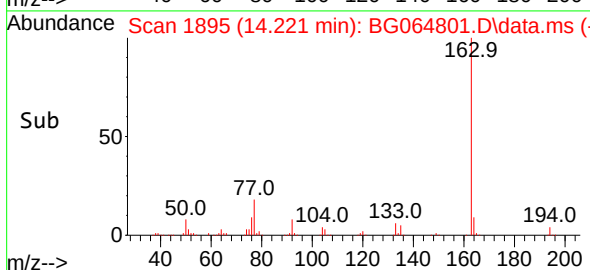
Delta R.T. 0.002 min

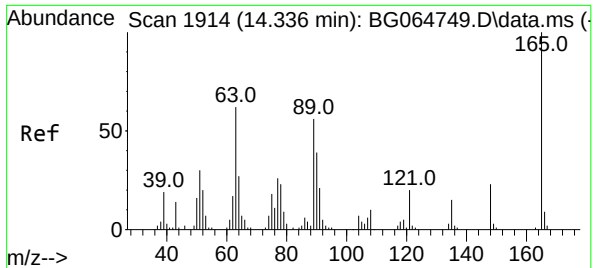
Lab File: BG064801.D

Acq: 18 Nov 2025 13:34



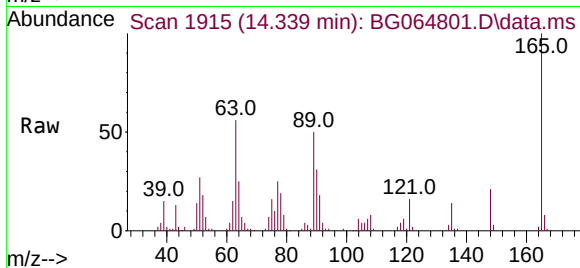
Tgt Ion:	163	Resp:	484501
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	10.0	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 47.757 ng
RT: 14.339 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

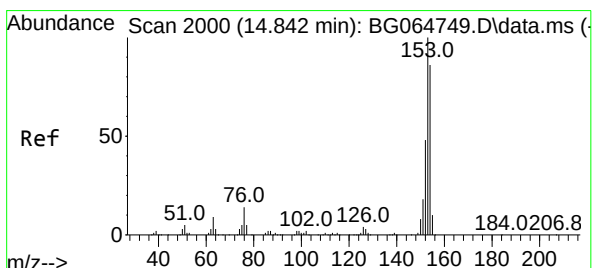
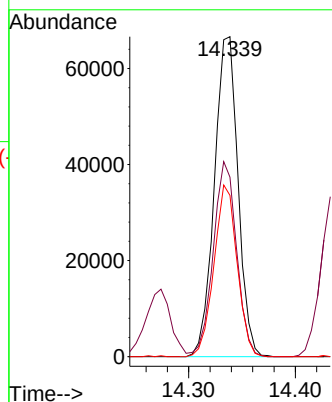
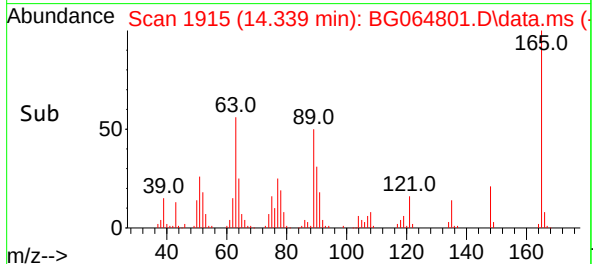
Instrument :
BNA_G
ClientSampleId :
PB170598BS



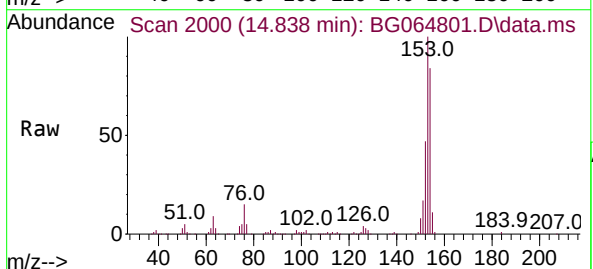
Tgt Ion:165 Resp: 102738
Ion Ratio Lower Upper
165 100
63 56.1 49.8 74.8
89 50.4 45.0 67.4

Manual Integrations
APPROVED

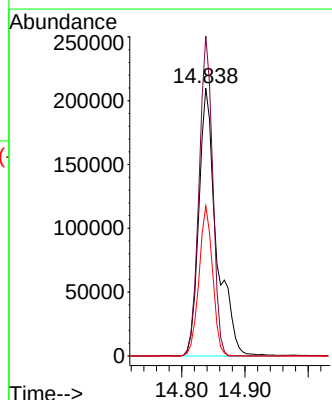
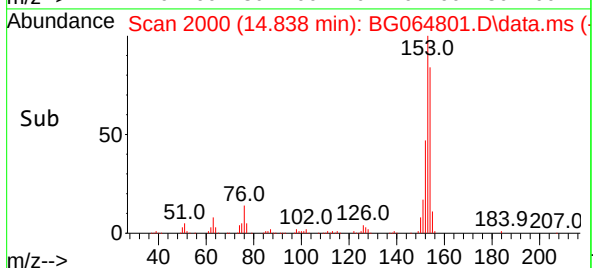
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

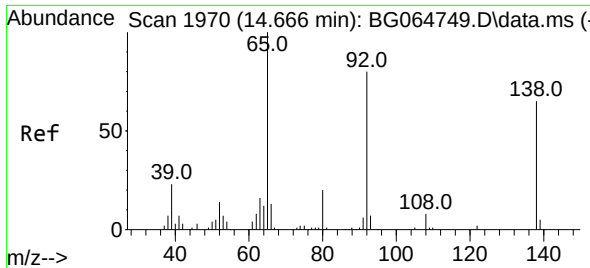


#52
Acenaphthene
Concen: 50.009 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:154 Resp: 410238
Ion Ratio Lower Upper
154 100
153 119.6 93.0 139.4
152 56.0 44.4 66.6





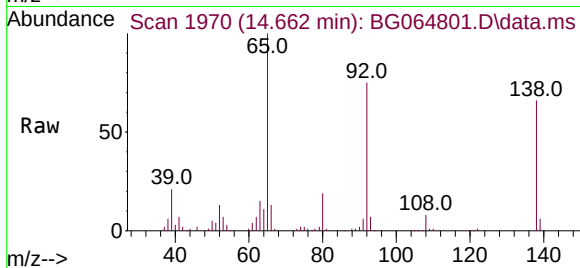
#53
3-Nitroaniline
Concen: 35.770 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

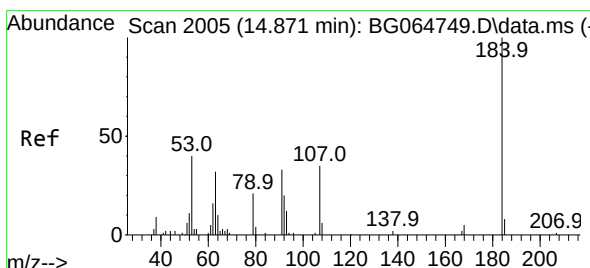
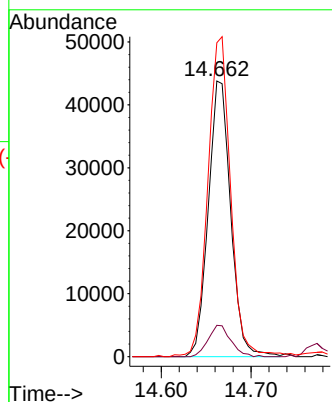
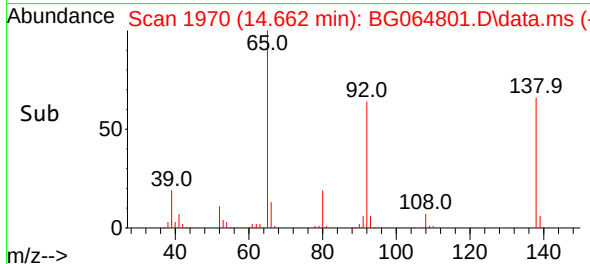
PB170598BS



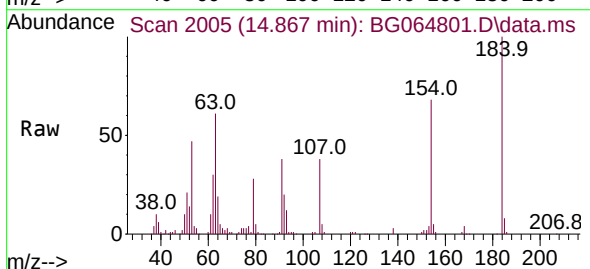
Tgt Ion:138 Resp: 75948
Ion Ratio Lower Upper
138 100
108 11.4 9.5 14.3
92 113.9 99.0 148.4

Manual Integrations
APPROVED

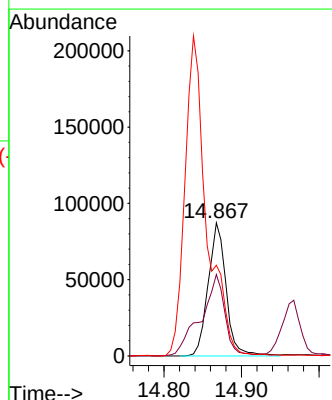
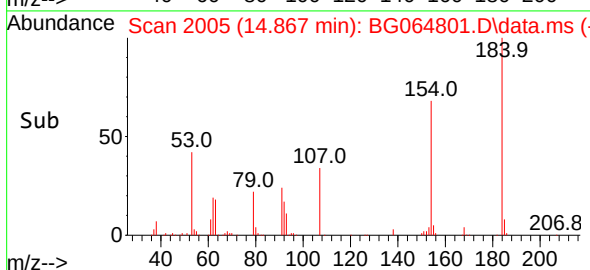
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

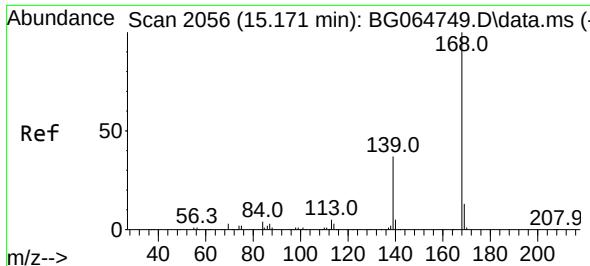


#54
2,4-Dinitrophenol
Concen: 93.363 ng
RT: 14.867 min Scan# 2005
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:184 Resp: 139949
Ion Ratio Lower Upper
184 100
63 61.1 45.8 68.6
154 68.1 52.6 78.8





#55

Dibenzenofuran

Concen: 42.909 ng

RT: 15.167 min Scan# 2056

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS

Tgt Ion:168 Resp: 581920

Ion Ratio Lower Upper

168 100

139 34.9 29.5 44.3

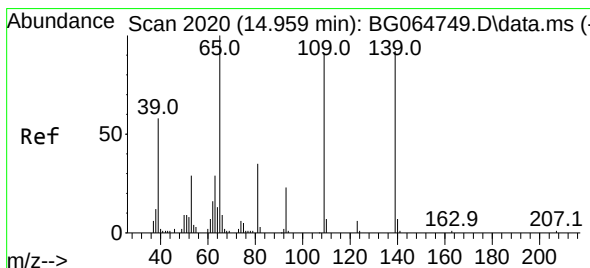
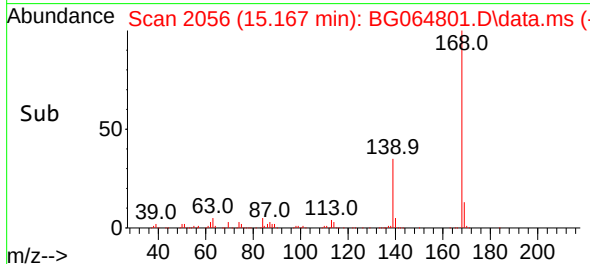
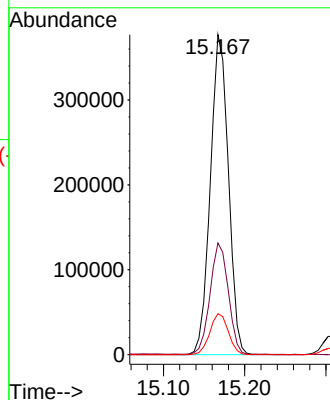
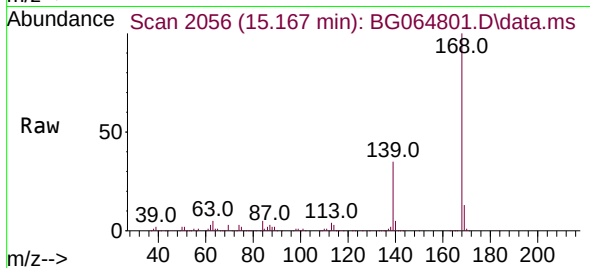
169 12.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 101.154 ng

RT: 14.967 min Scan# 2022

Delta R.T. 0.008 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34

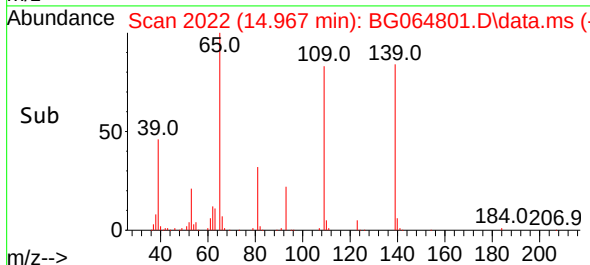
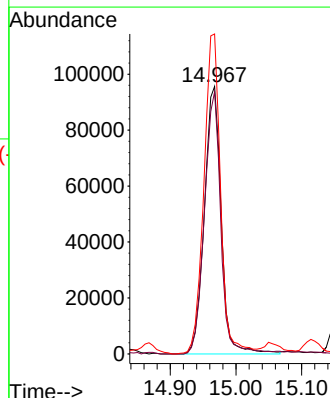
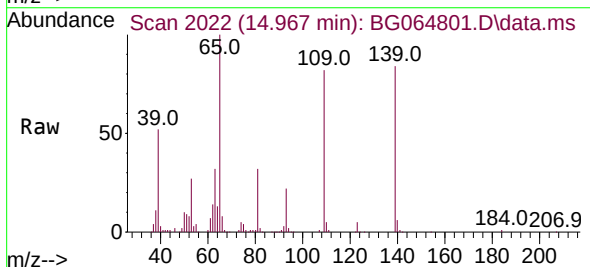
Tgt Ion:139 Resp: 170404

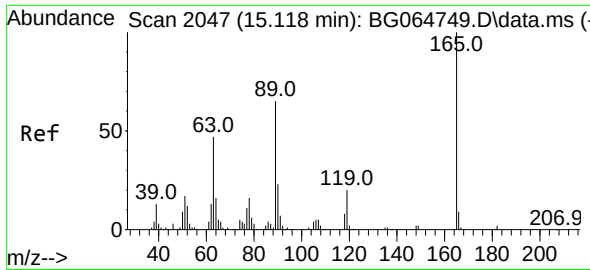
Ion Ratio Lower Upper

139 100

109 98.0 79.7 119.7

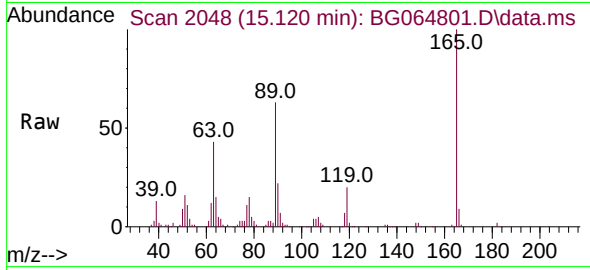
65 119.7 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 47.607 ng
RT: 15.120 min Scan# 2048
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

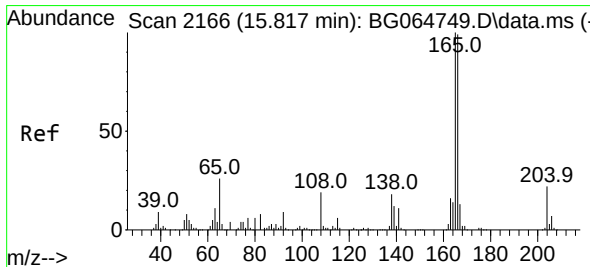
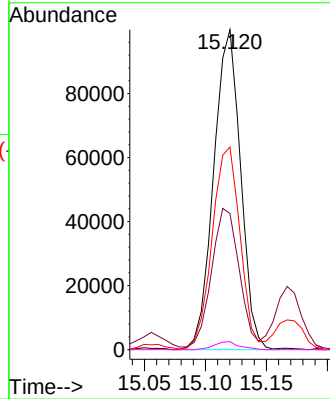
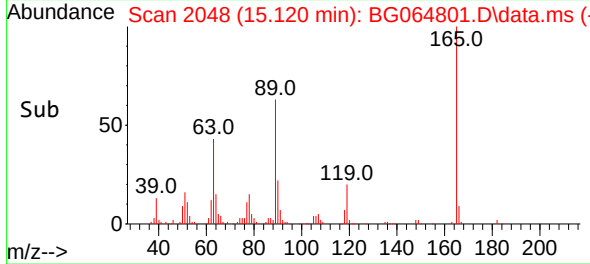
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:165 Resp: 153542
Ion Ratio Lower Upper
165 100
63 42.5 37.8 56.6
89 63.3 51.6 77.4
182 2.5 2.0 3.0

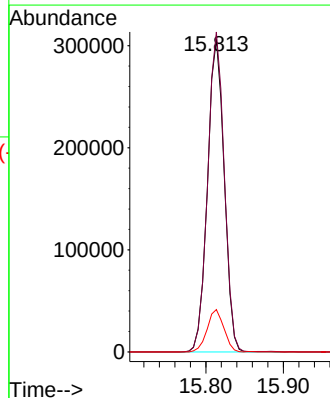
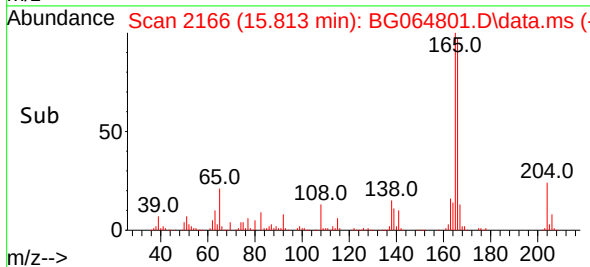
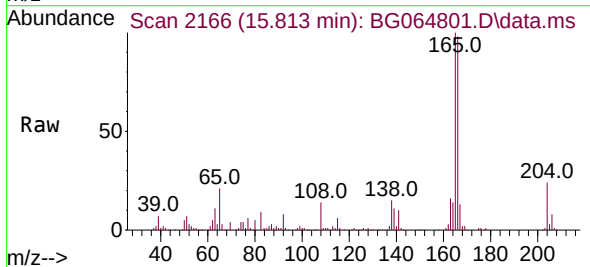
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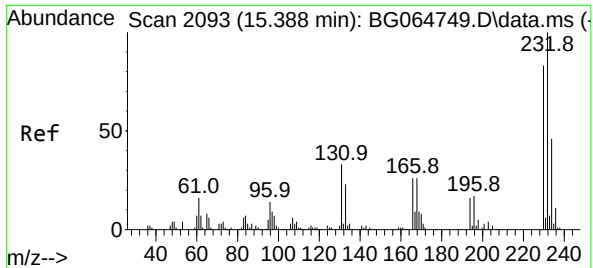
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 43.012 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Tgt Ion:166 Resp: 457504
Ion Ratio Lower Upper
166 100
165 102.4 80.5 120.7
167 13.5 10.3 15.5





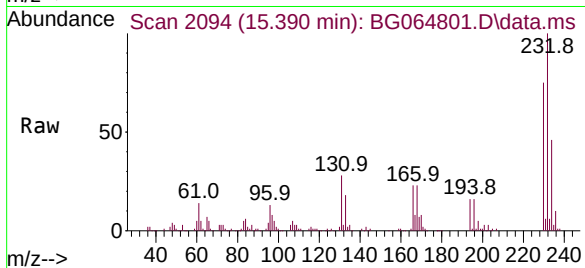
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.146 ng
RT: 15.390 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

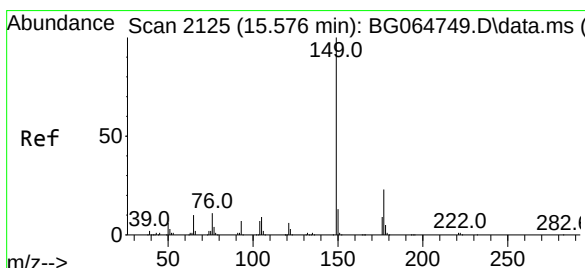
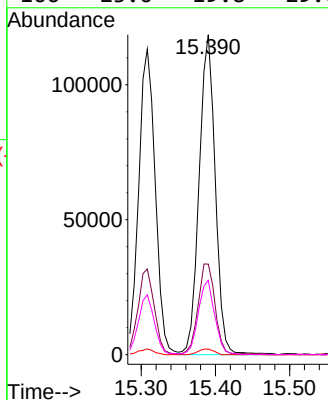
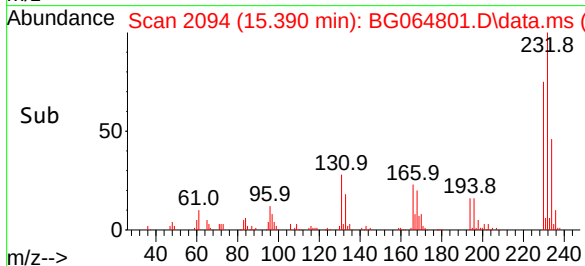
PB170598BS



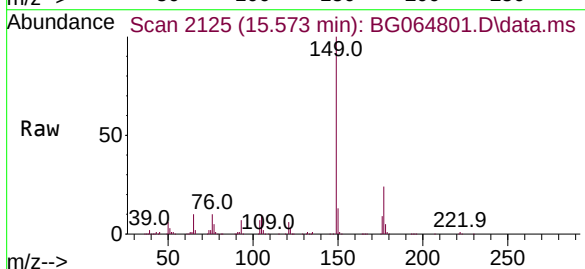
Tgt Ion:232 Resp: 179384
Ion Ratio Lower Upper
232 100
131 29.1 26.0 39.0
130 1.7 1.6 2.4
166 23.6 19.8 29.6

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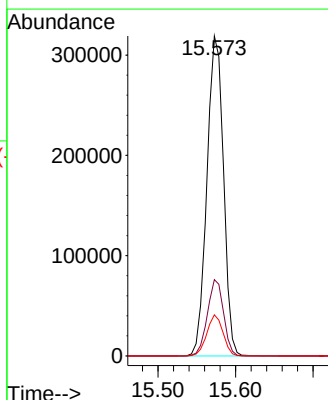
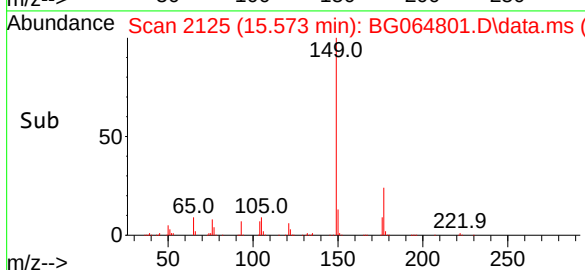
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

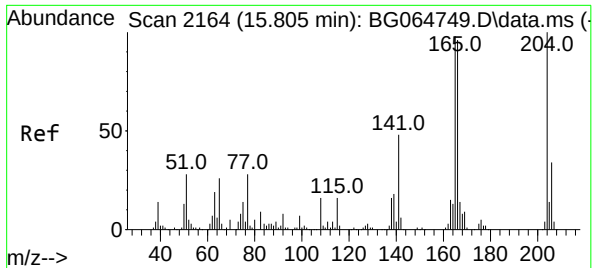


#60
Diethylphthalate
Concen: 44.170 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



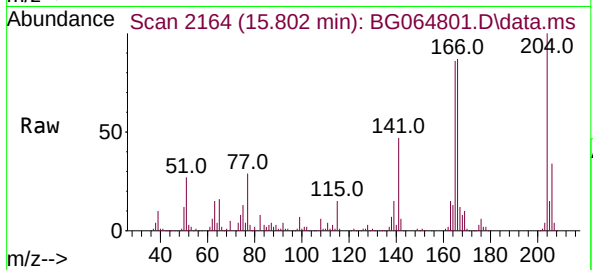
Tgt Ion:149 Resp: 473056
Ion Ratio Lower Upper
149 100
177 23.8 18.4 27.6
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.394 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

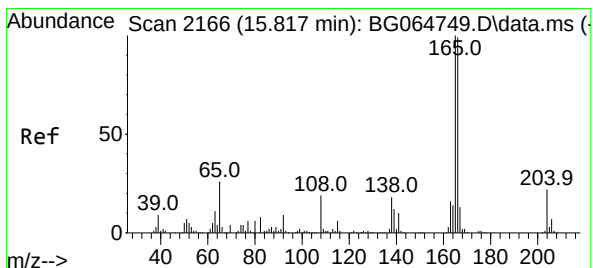
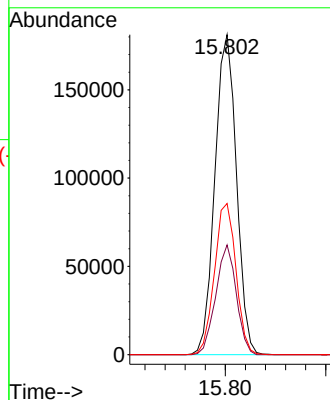
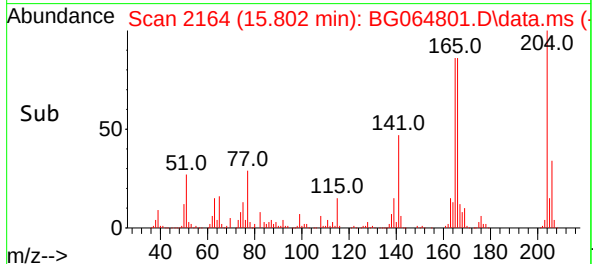
Instrument :
BNA_G
ClientSampleId :
PB170598BS



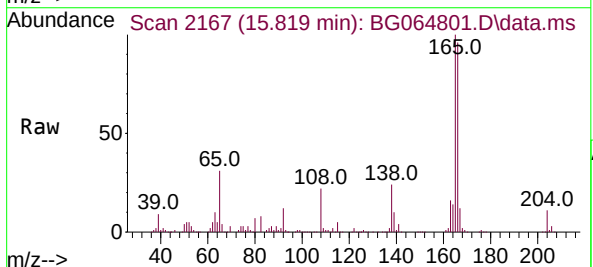
Tgt Ion:204 Resp: 27062
Ion Ratio Lower Upper
204 100
206 34.3 26.9 40.3
141 47.2 38.1 57.1

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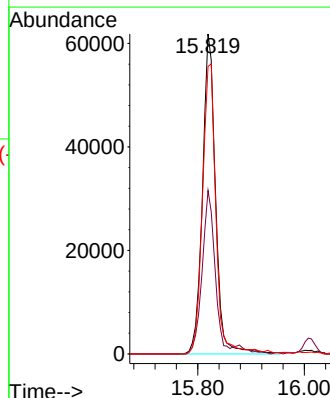
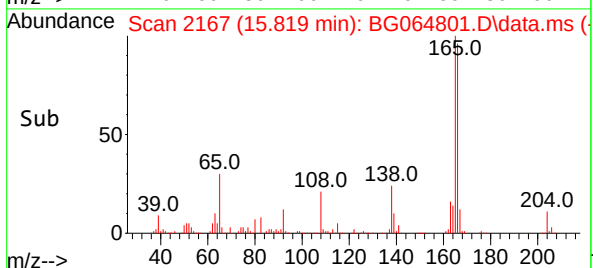
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

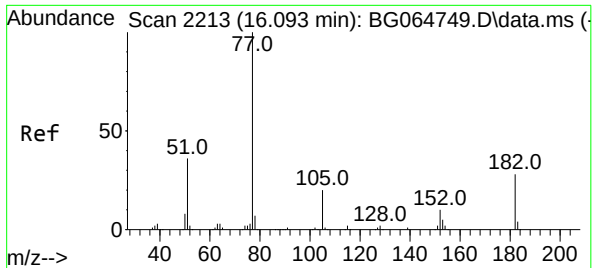


#62
4-Nitroaniline
Concen: 47.756 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



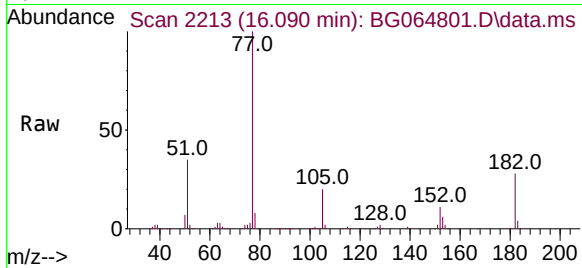
Tgt Ion:138 Resp: 105045
Ion Ratio Lower Upper
138 100
92 51.1 30.7 70.7
108 89.8 85.7 125.7





#63
Azobenzene
Concen: 44.610 ng
RT: 16.090 min Scan# 2213
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

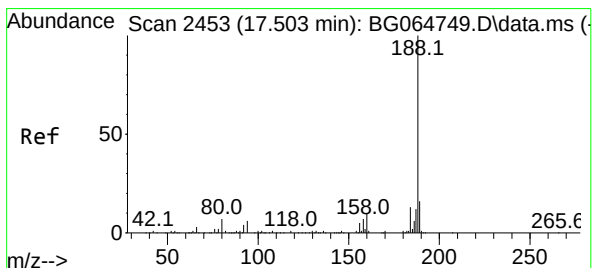
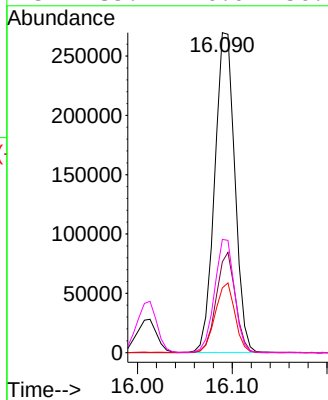
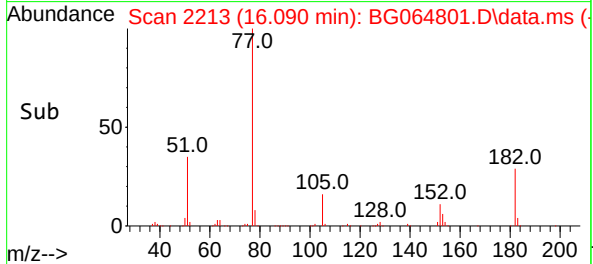
Instrument :
BNA_G
ClientSampleId :
PB170598BS



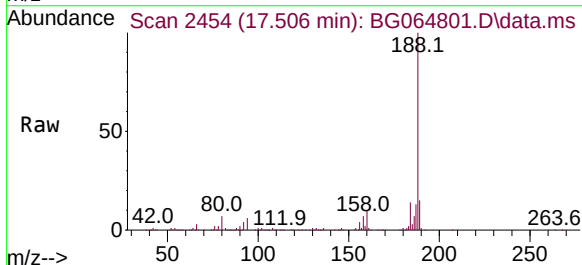
Tgt Ion: 77 Resp: 397385
Ion Ratio Lower Upper
77 100
182 28.4 8.1 48.1
105 20.2 0.1 40.1
51 35.4 16.0 56.0

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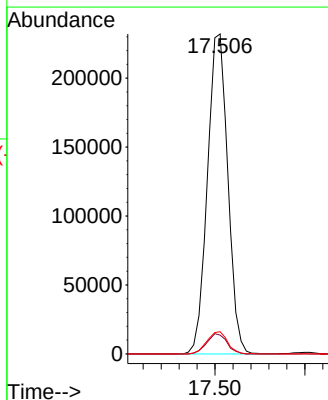
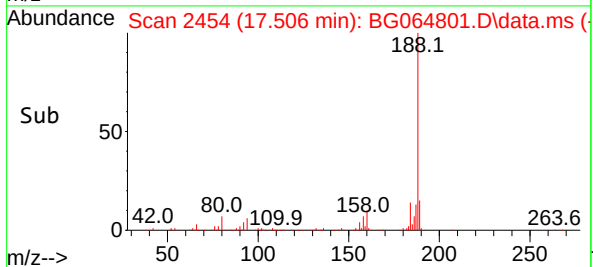
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

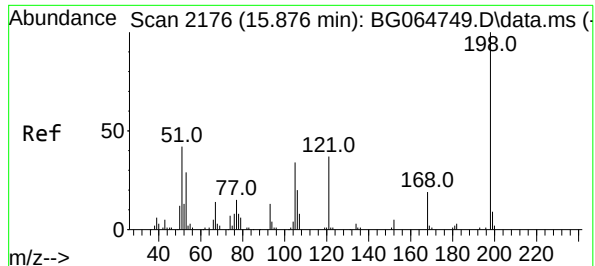


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



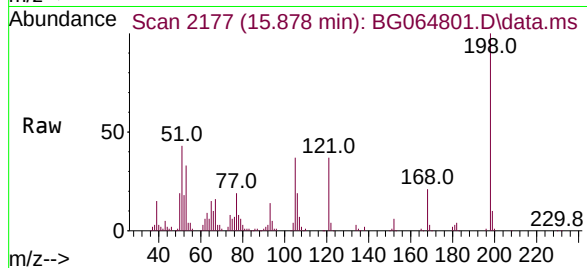
Tgt Ion:188 Resp: 367810
Ion Ratio Lower Upper
188 100
94 5.9 4.7 7.1
80 6.9 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 50.267 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

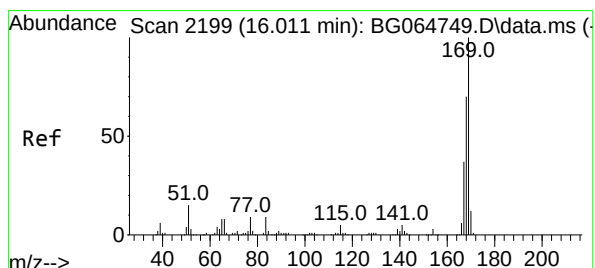
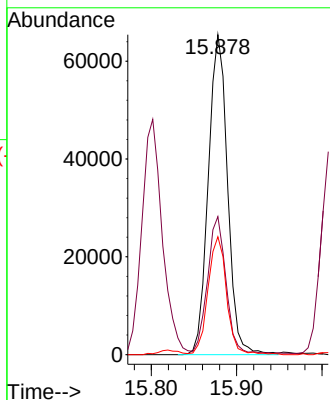
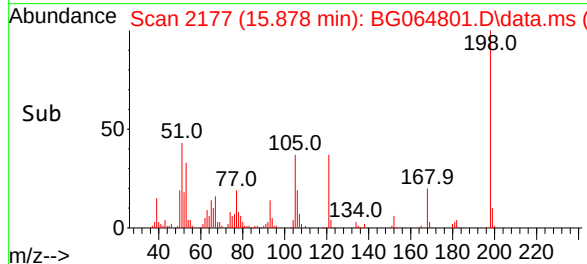
Instrument :
BNA_G
ClientSampleId :
PB170598BS



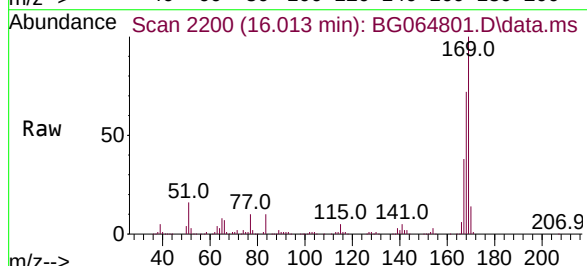
Tgt Ion:198 Resp: 102654
Ion Ratio Lower Upper
198 100
51 43.1 25.2 65.2
105 36.8 14.2 54.2

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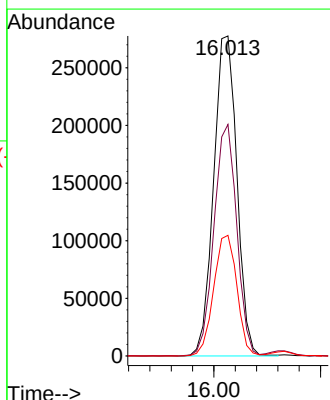
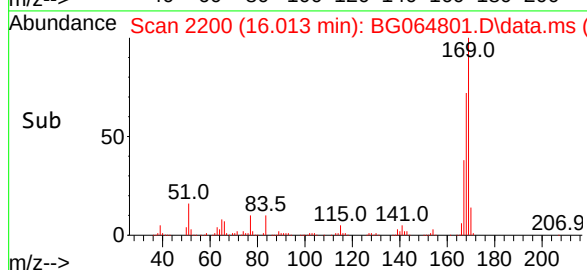
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

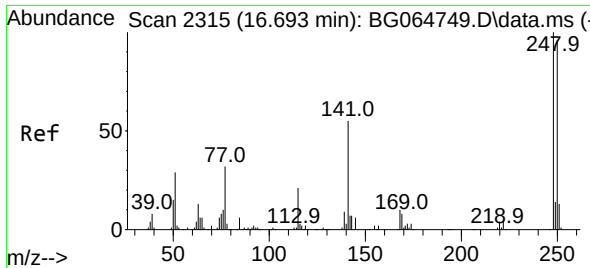


#66
n-Nitrosodiphenylamine
Concen: 43.773 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



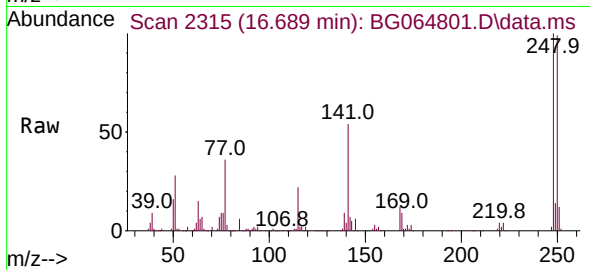
Tgt Ion:169 Resp: 421718
Ion Ratio Lower Upper
169 100
168 72.3 55.9 83.9
167 37.7 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 42.288 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

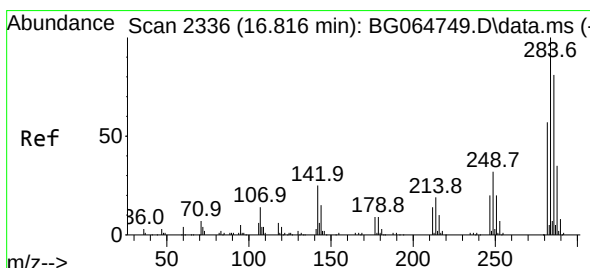
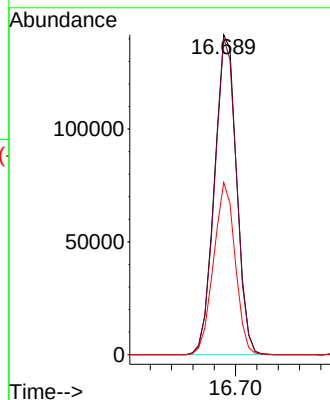
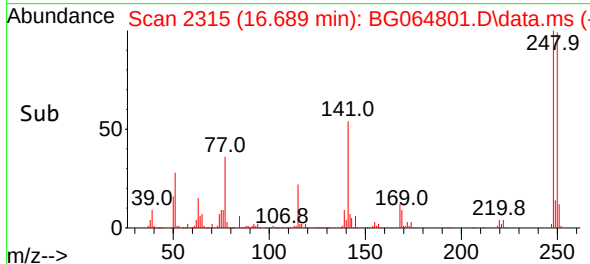
Instrument :
BNA_G
ClientSampleId :
PB170598BS



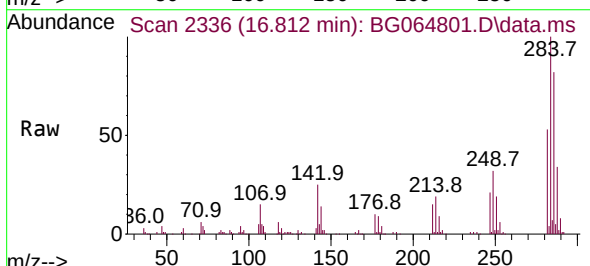
Tgt Ion:248 Resp: 204256
Ion Ratio Lower Upper
248 100
250 98.9 77.0 115.6
141 53.8 43.7 65.5

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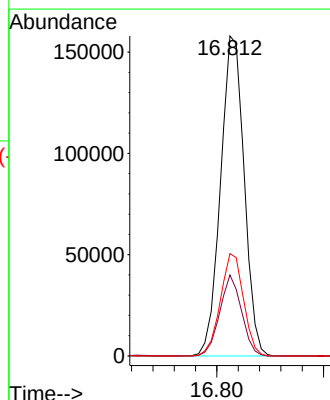
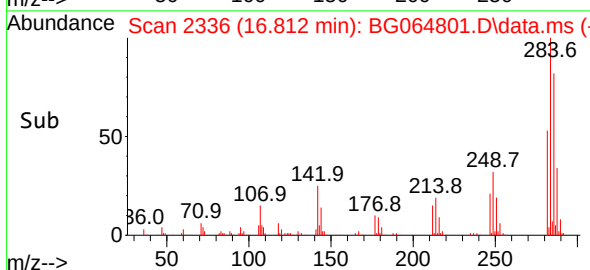
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

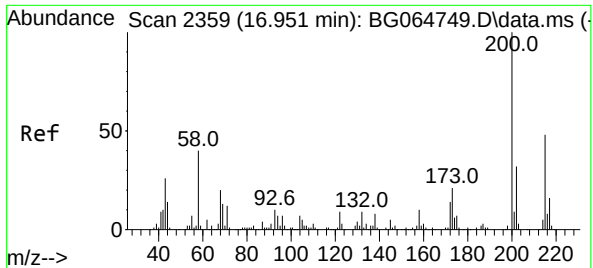


#68
Hexachlorobenzene
Concen: 41.496 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



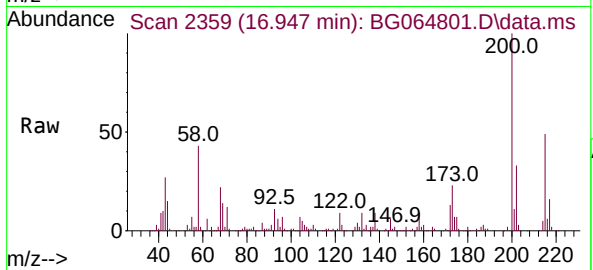
Tgt Ion:284 Resp: 242834
Ion Ratio Lower Upper
284 100
142 25.3 19.7 29.5
249 34.3 28.1 42.1





#69
Atrazine
Concen: 42.588 ng
RT: 16.947 min Scan# 2359
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

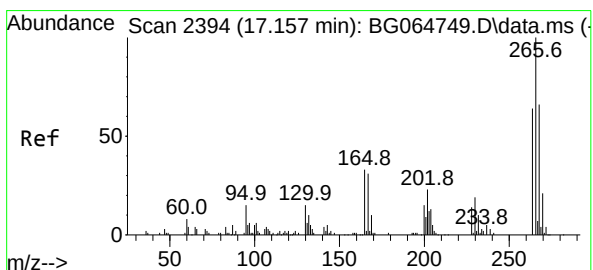
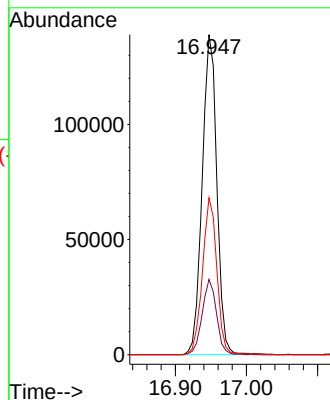
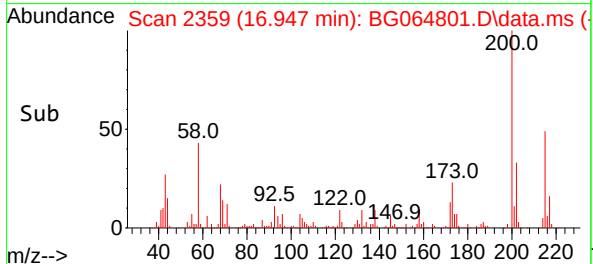
Instrument :
BNA_G
ClientSampleId :
PB170598BS



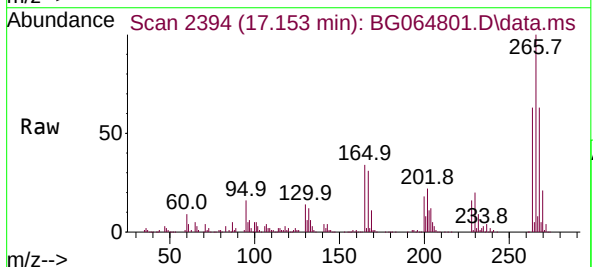
Tgt Ion:200 Resp: 197821
Ion Ratio Lower Upper
200 100
173 23.5 0.9 40.9
215 49.0 27.5 67.5

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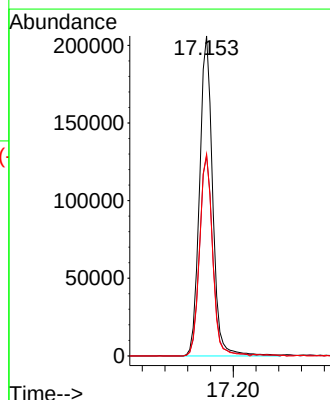
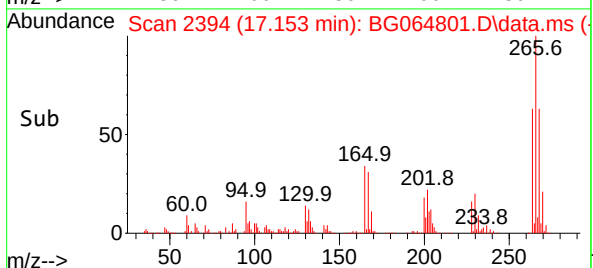
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

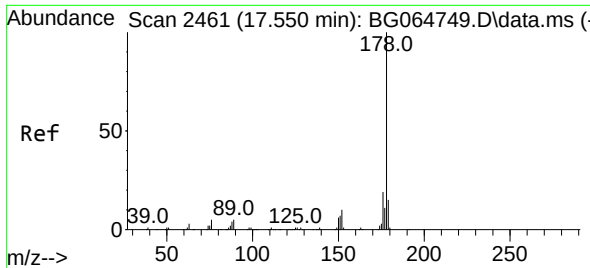


#70
Pentachlorophenol
Concen: 93.392 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:266 Resp: 327276
Ion Ratio Lower Upper
266 100
268 67.4 56.1 84.1
264 63.0 51.2 76.8





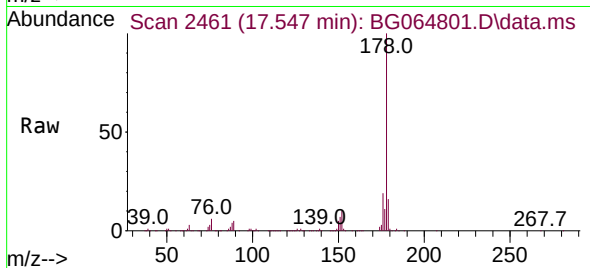
#71
Phenanthrene
Concen: 43.063 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

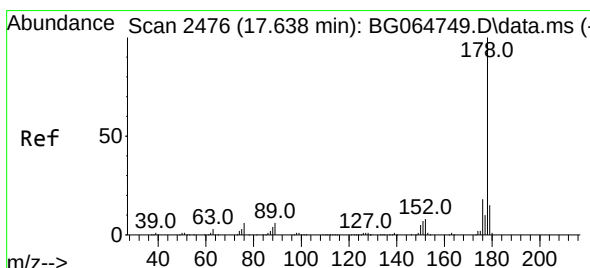
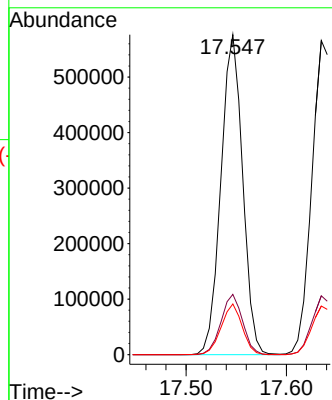
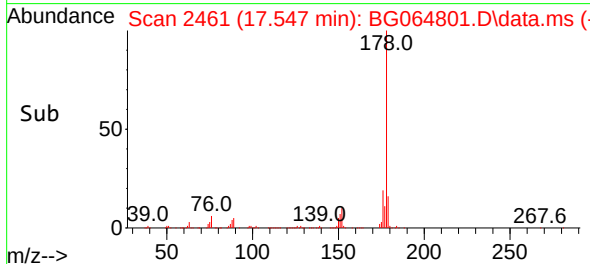
PB170598BS



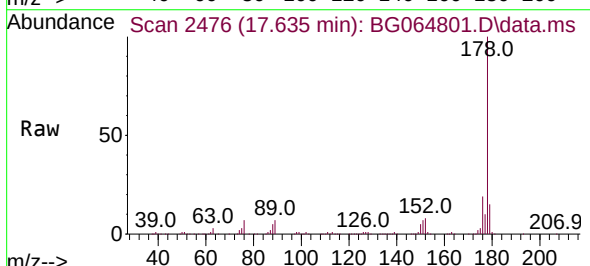
Tgt Ion:178 Resp: 866605
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.8 12.2 18.4

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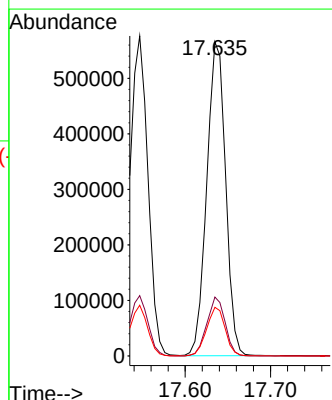
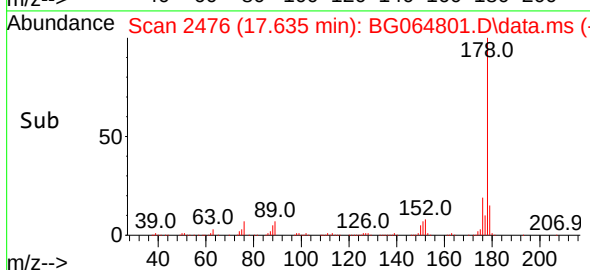
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

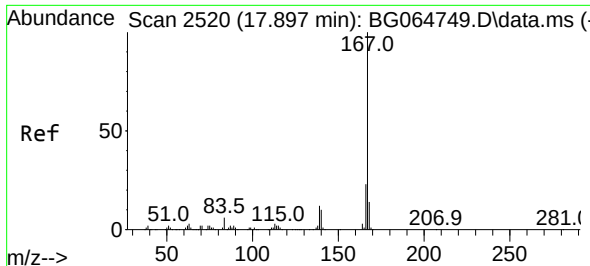


#72
Anthracene
Concen: 42.298 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



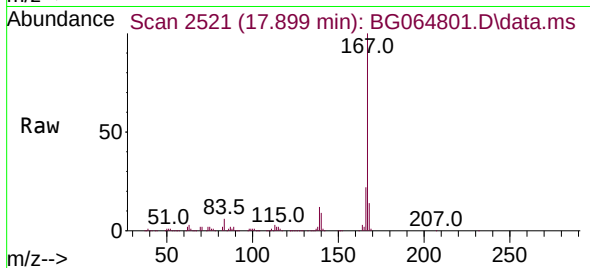
Tgt Ion:178 Resp: 867959
Ion Ratio Lower Upper
178 100
176 18.7 14.5 21.7
179 15.5 12.2 18.4





#73
Carbazole
Concen: 43.904 ng
RT: 17.899 min Scan# 2520
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

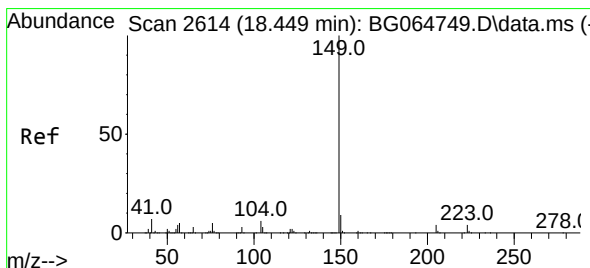
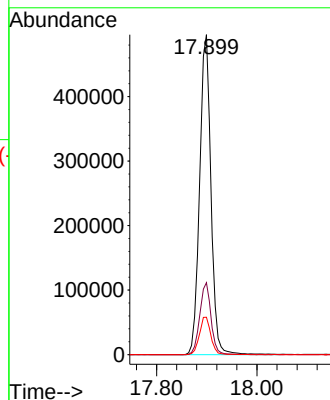
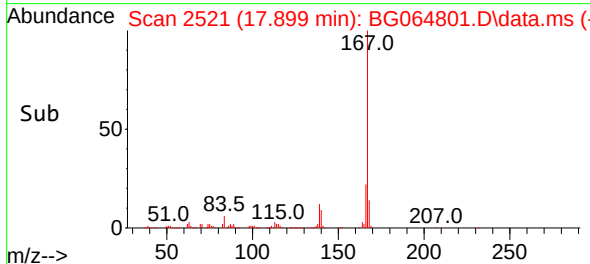
Instrument :
BNA_G
ClientSampleId :
PB170598BS



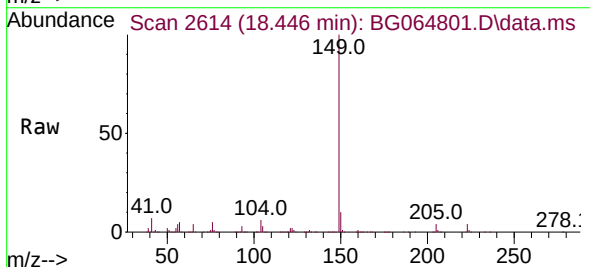
Tgt Ion:167 Resp: 774488
Ion Ratio Lower Upper
167 100
166 22.5 18.0 27.0
139 11.7 9.7 14.5

Manual Integrations
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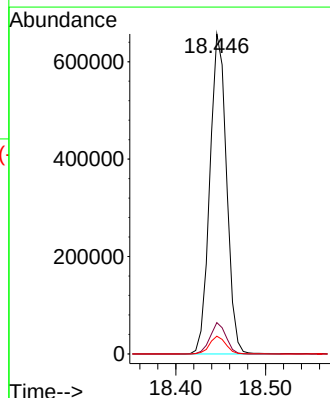
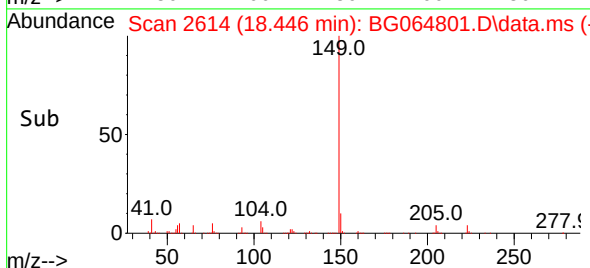
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

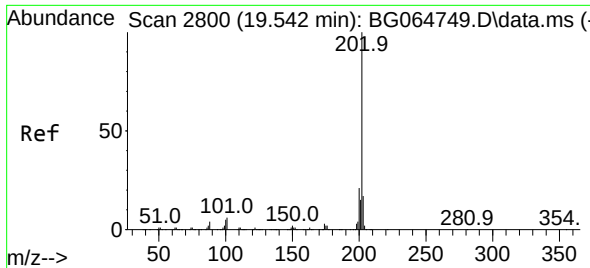


#74
Di-n-butylphthalate
Concen: 43.226 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



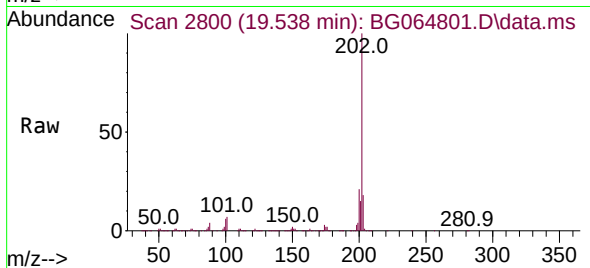
Tgt Ion:149 Resp: 850709
Ion Ratio Lower Upper
149 100
150 9.8 7.5 11.3
104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 41.344 ng
RT: 19.538 min Scan# 2800
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

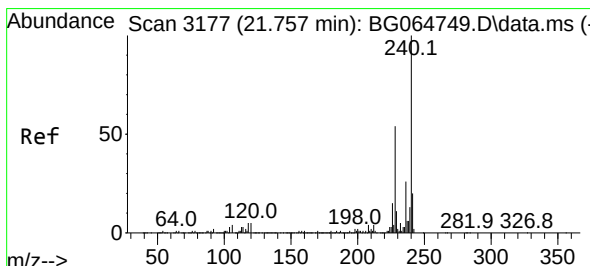
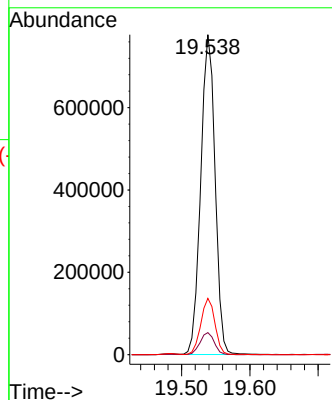
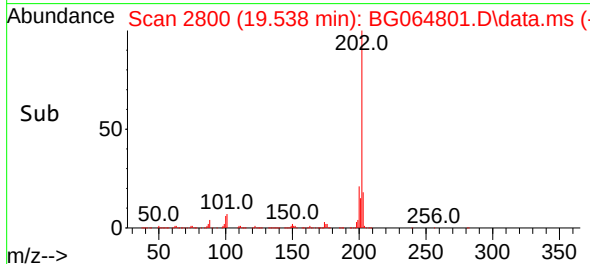
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:202 Resp: 1137730
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.4
203 17.6 0.0 37.5

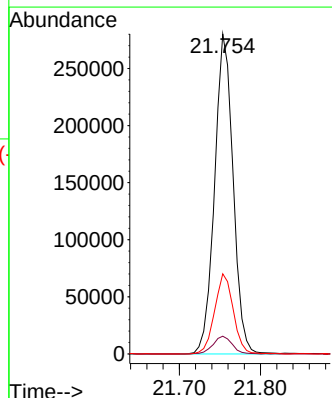
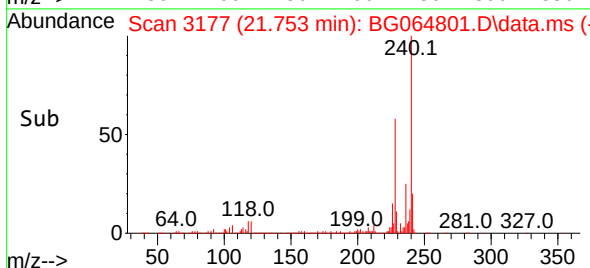
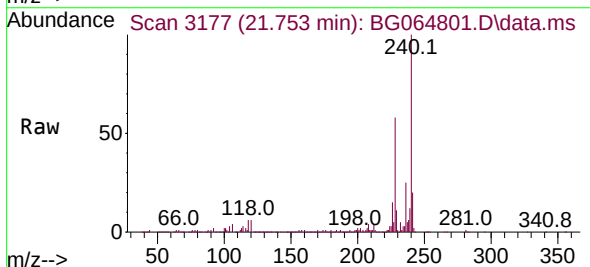
Manual Integrations
APPROVED

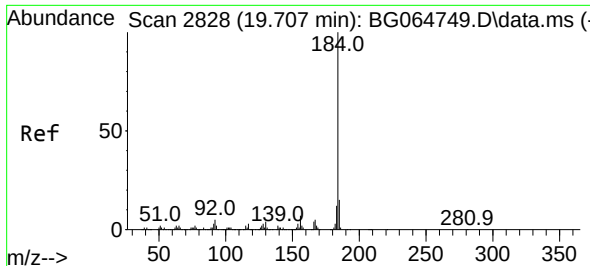
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.753 min Scan# 3177
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

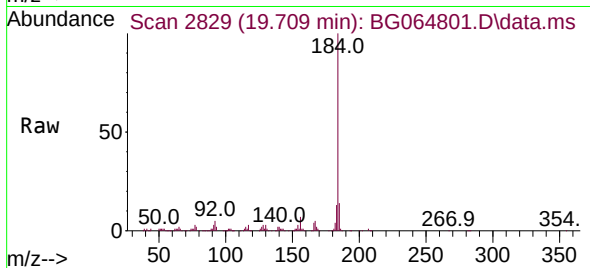
Tgt Ion:240 Resp: 443295
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.4
236 25.0 20.8 31.2





#77
Benzidine
Concen: 17.878 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

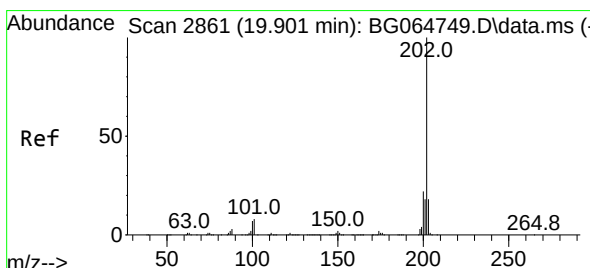
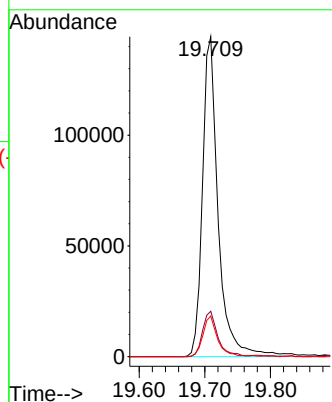
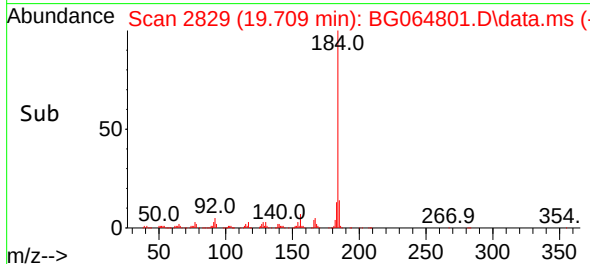
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:184 Resp: 237348
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 12.7 9.8 14.6

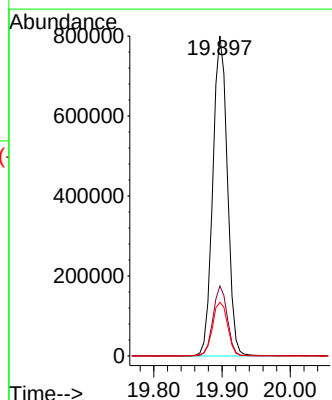
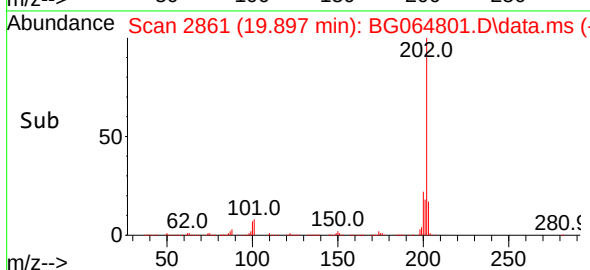
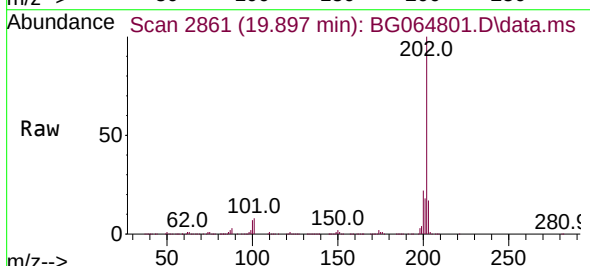
Manual Integrations
APPROVED

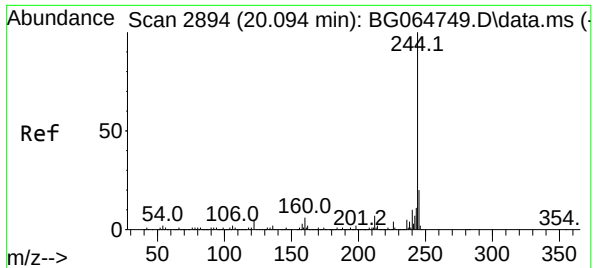
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 47.702 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

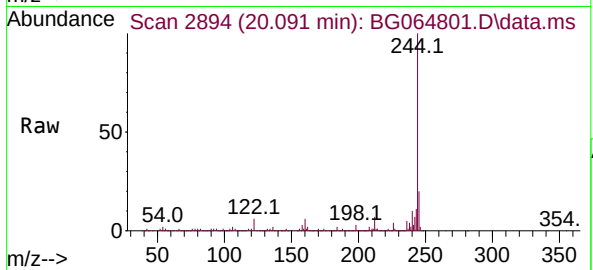
Tgt Ion:202 Resp: 1185154
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 16.7 14.0 21.0





#79
Terphenyl-d14
Concen: 83.740 ng
RT: 20.091 min Scan# 2894
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

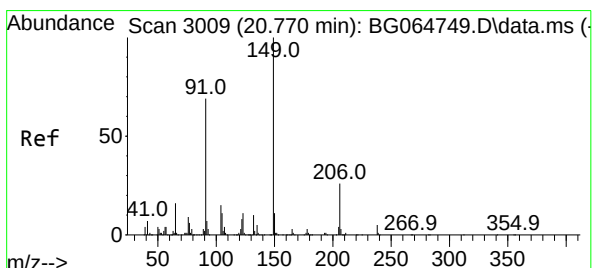
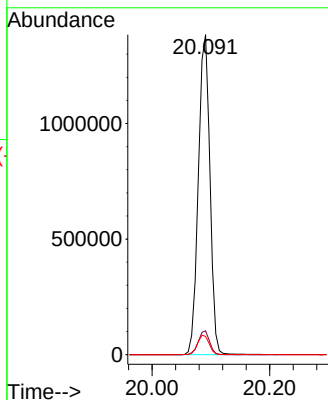
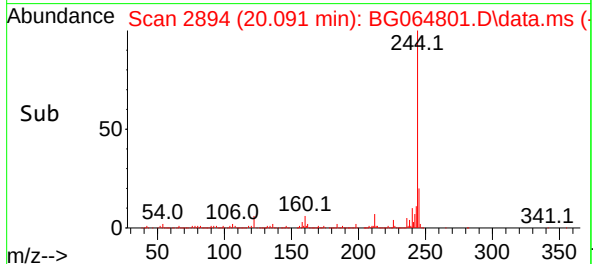
Instrument :
BNA_G
ClientSampleId :
PB170598BS



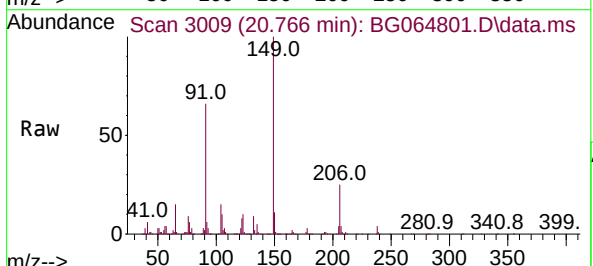
Tgt Ion:244 Resp: 1887131
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 5.7 4.3 6.5

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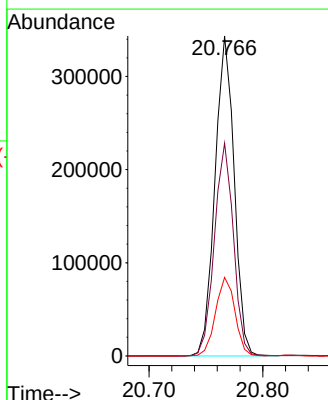
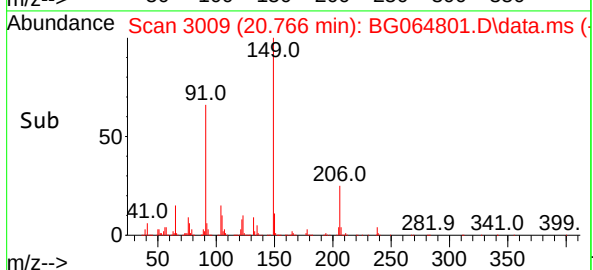
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

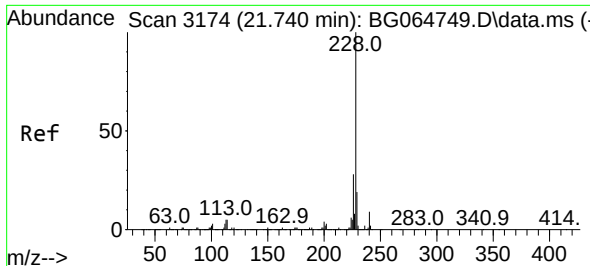


#80
Butylbenzylphthalate
Concen: 46.061 ng
RT: 20.766 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



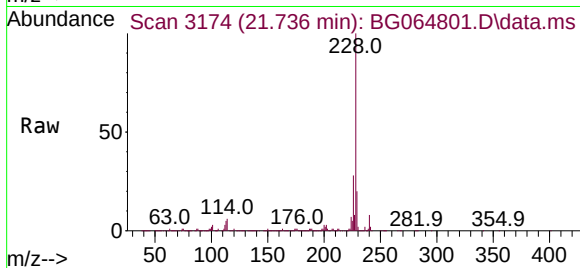
Tgt Ion:149 Resp: 402517
Ion Ratio Lower Upper
149 100
91 66.5 54.9 82.3
206 24.5 21.2 31.8





#81
Benzo(a)anthracene
Concen: 42.449 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

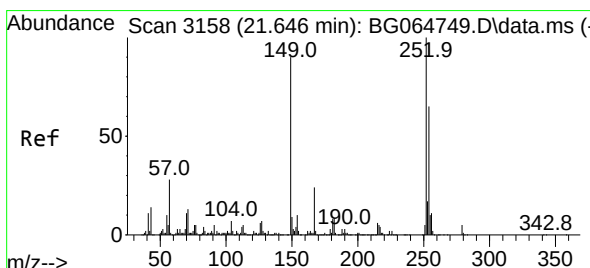
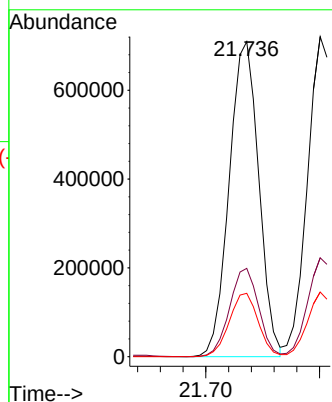
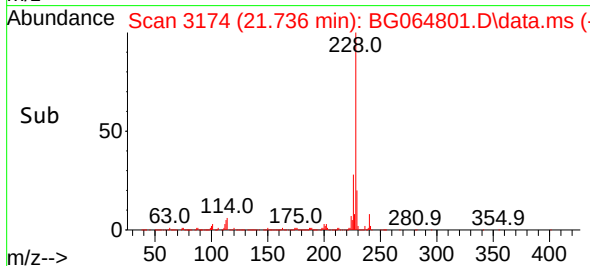
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:228 Resp: 1279527
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 20.1 15.5 23.3

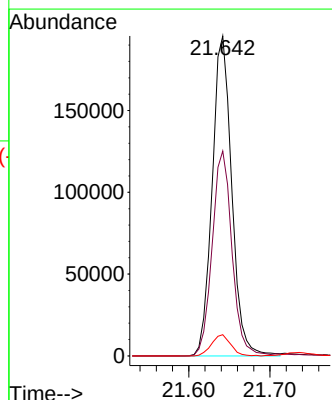
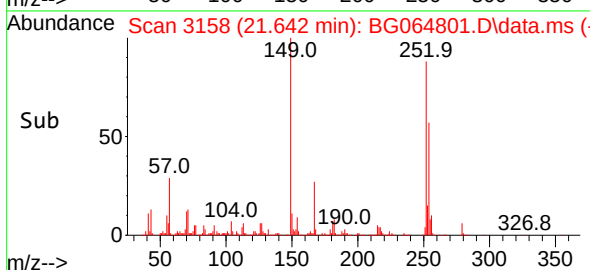
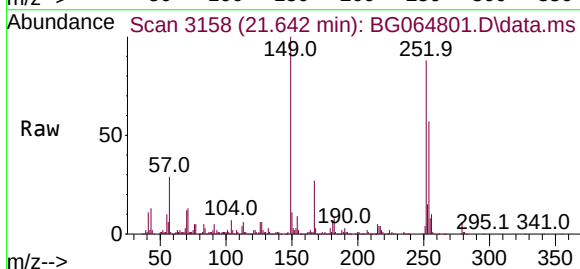
Manual Integrations
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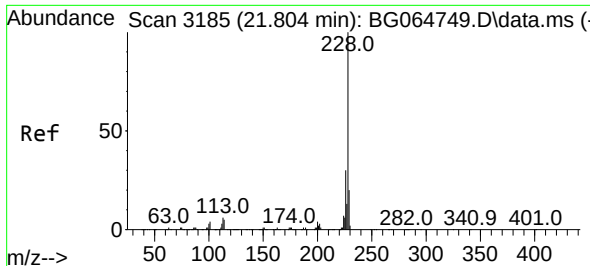
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.546 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

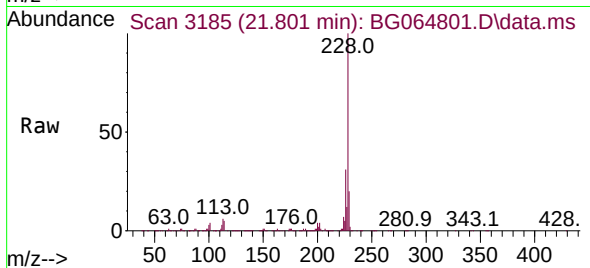
Tgt Ion:252 Resp: 327800
Ion Ratio Lower Upper
252 100
254 64.0 51.8 77.8
126 6.6 4.7 7.1





#83
Chrysene
Concen: 42.701 ng
RT: 21.801 min Scan# 3185
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

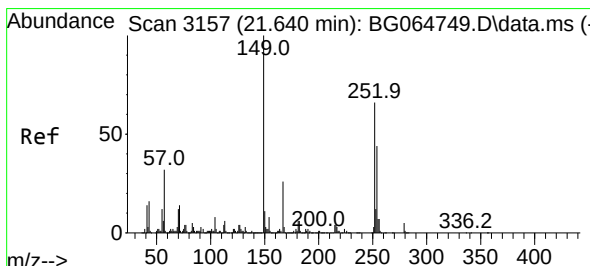
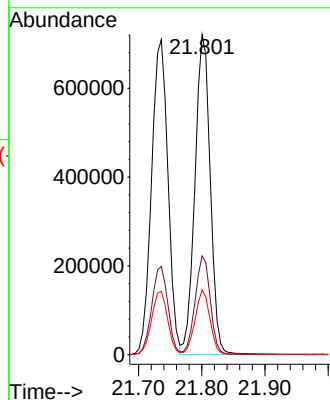
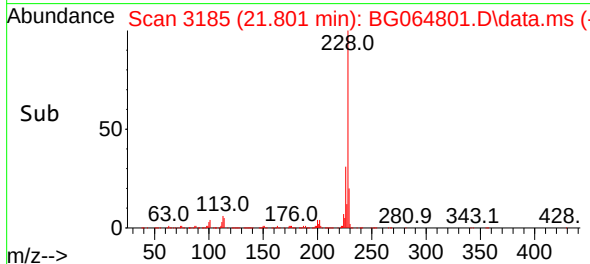
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:228 Resp: 1213460
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 20.2 16.0 24.0

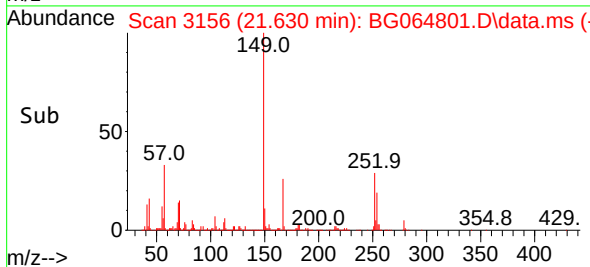
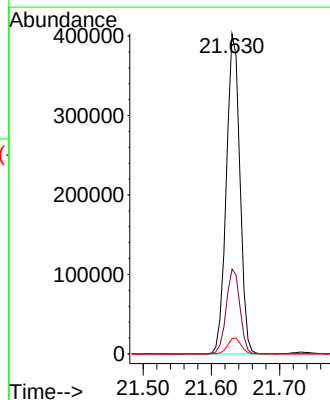
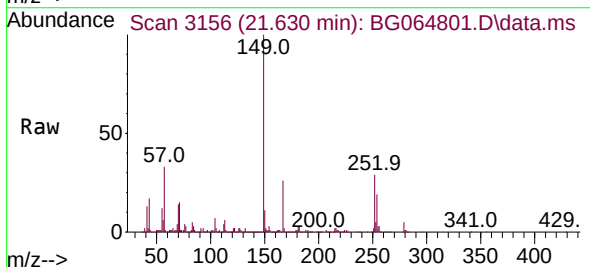
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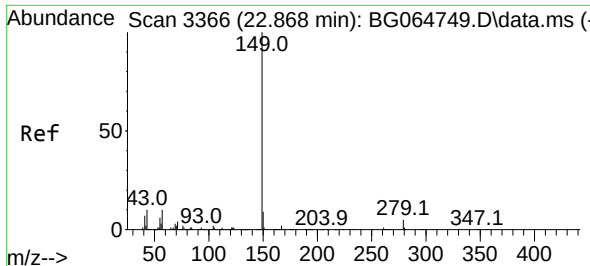
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.327 ng
RT: 21.630 min Scan# 3156
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

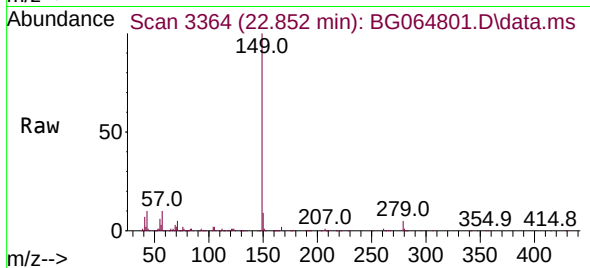
Tgt Ion:149 Resp: 553281
Ion Ratio Lower Upper
149 100
167 26.5 21.0 31.4
279 4.8 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 42.020 ng
RT: 22.852 min Scan# 3366
Delta R.T. -0.015 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

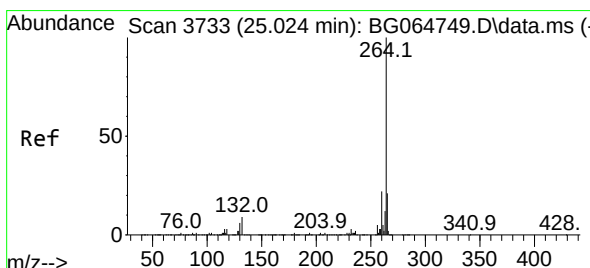
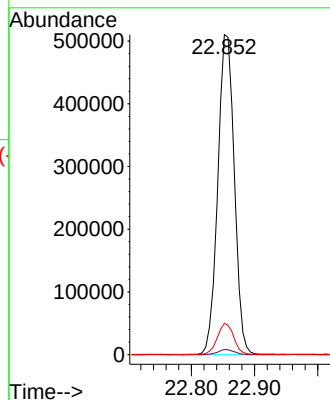
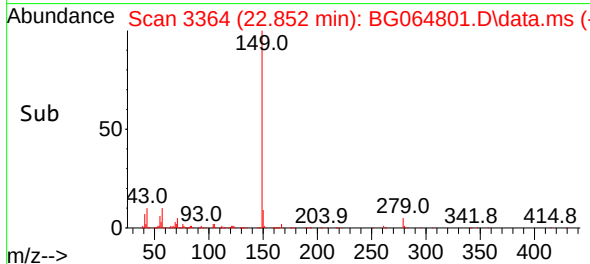
Instrument :
BNA_G
ClientSampleId :
PB170598BS



Tgt Ion:149 Resp: 927516
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 8.3 12.5

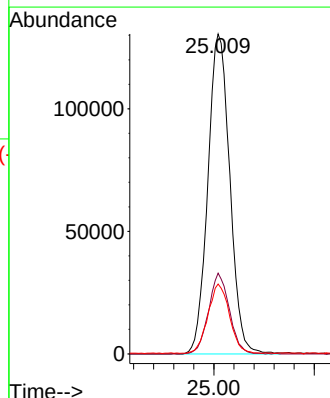
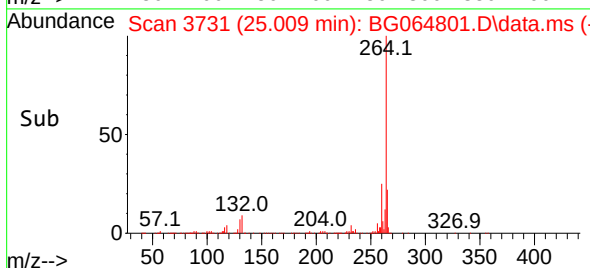
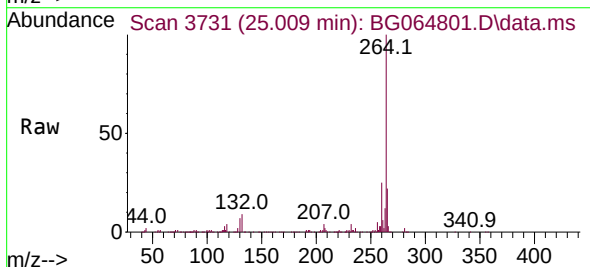
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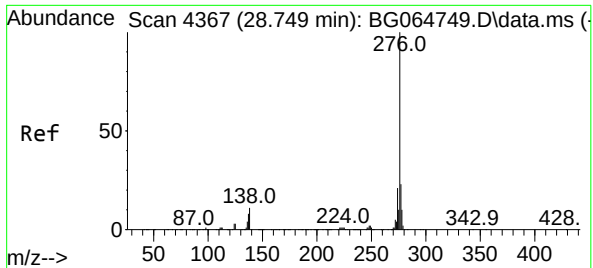
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

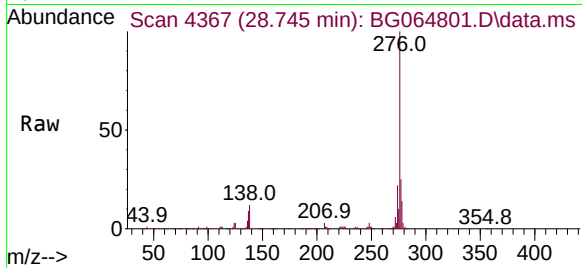
Tgt Ion:264 Resp: 396280
Ion Ratio Lower Upper
264 100
260 25.2 17.2 25.8
265 21.8 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.271 ng
RT: 28.745 min Scan# 4367
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

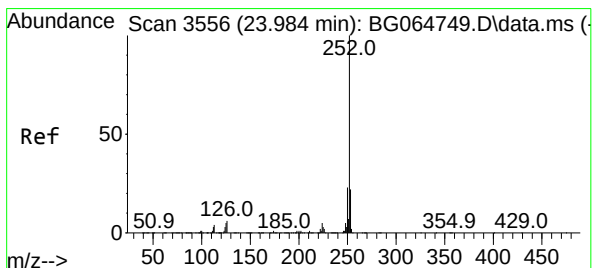
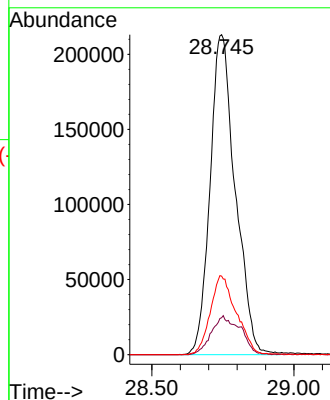
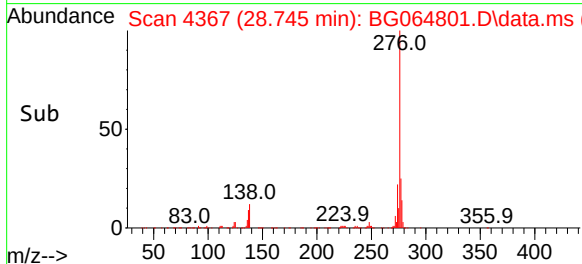
Instrument :
BNA_G
ClientSampleId :
PB170598BS



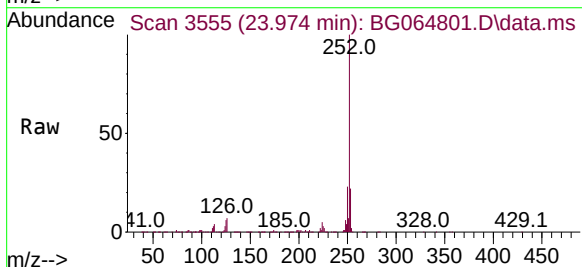
Tgt Ion:276 Resp: 1314214
Ion Ratio Lower Upper
276 100
138 13.9 4.5 6.7
277 25.3 20.0 30.0

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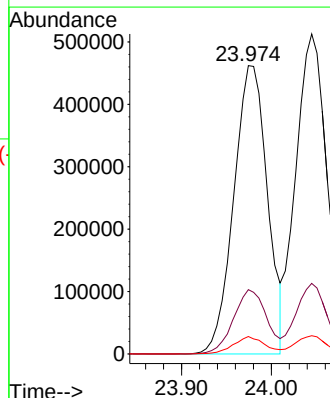
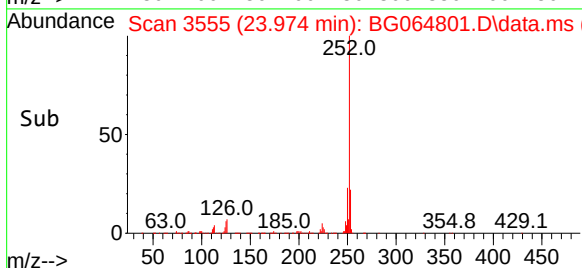
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

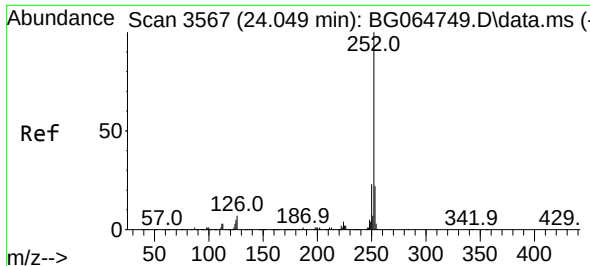


#88
Benzo(b)fluoranthene
Concen: 47.716 ng
RT: 23.974 min Scan# 3555
Delta R.T. -0.010 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:252 Resp: 1203332
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 6.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 49.123 ng

RT: 24.045 min Scan# 3567

Delta R.T. -0.004 min

Lab File: BG064801.D

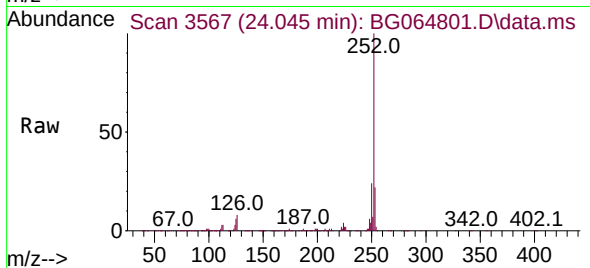
Acq: 18 Nov 2025 13:34

Instrument :

BNA_G

ClientSampleId :

PB170598BS



Tgt Ion:252 Resp: 1244574

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

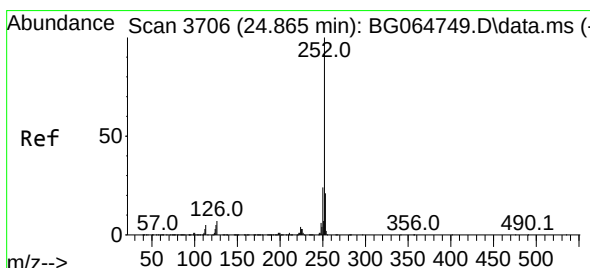
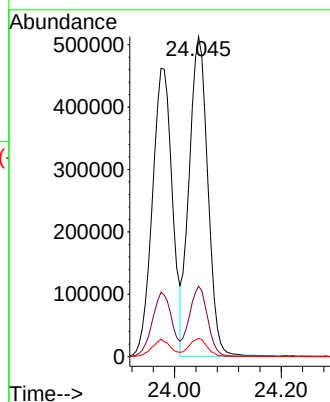
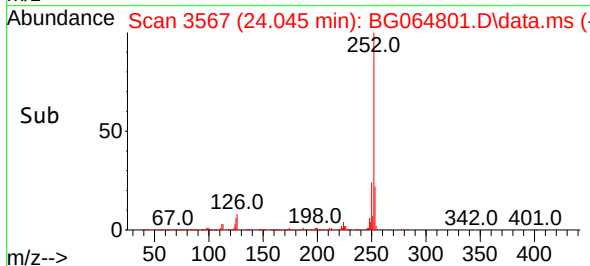
125 5.7 4.1 6.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

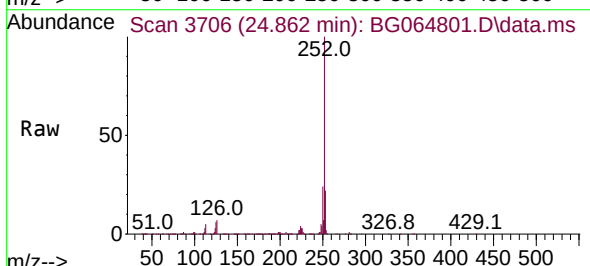
Concen: 48.213 ng

RT: 24.862 min Scan# 3706

Delta R.T. -0.004 min

Lab File: BG064801.D

Acq: 18 Nov 2025 13:34



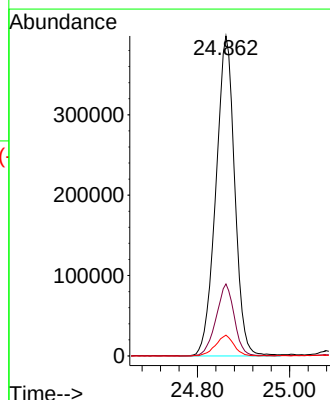
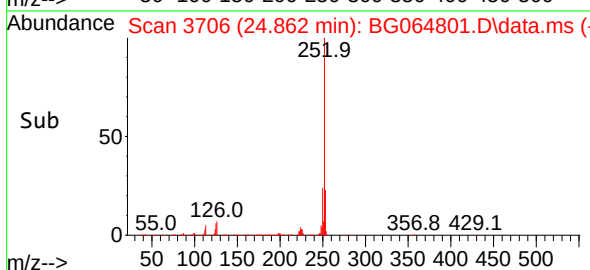
Tgt Ion:252 Resp: 1127879

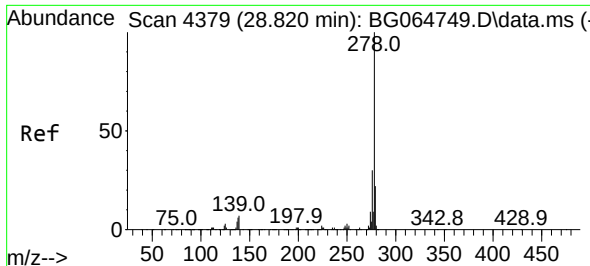
Ion Ratio Lower Upper

252 100

253 22.5 16.9 25.3

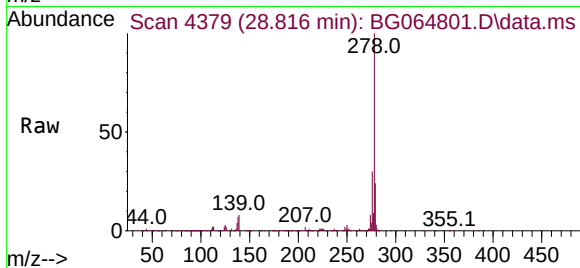
125 6.5 4.2 6.4#





#91
Dibenzo(a,h)anthracene
Concen: 49.180 ng
RT: 28.816 min Scan# 4379
Delta R.T. -0.004 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34

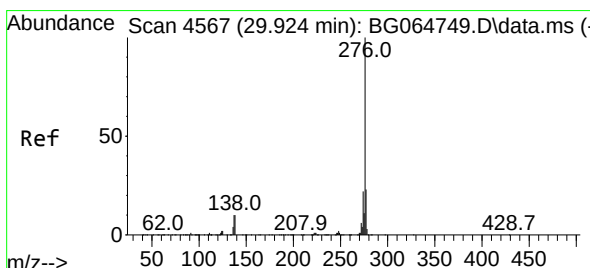
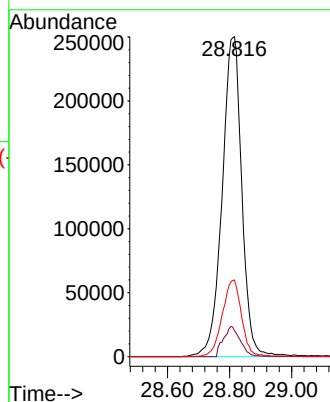
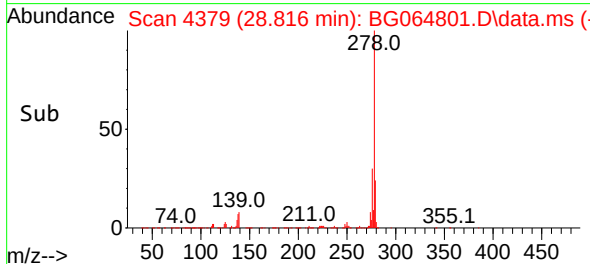
Instrument :
BNA_G
ClientSampleId :
PB170598BS



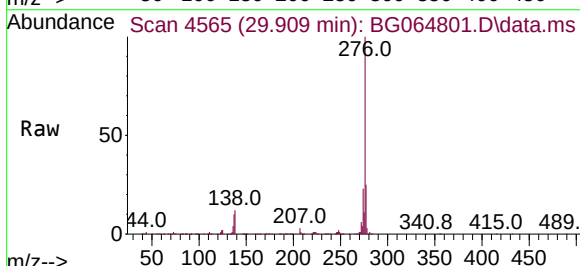
Tgt Ion:278 Resp: 1096913
Ion Ratio Lower Upper
278 100
139 8.1 5.8 8.8
279 23.9 17.3 25.9

Manual Integrations
APPROVED

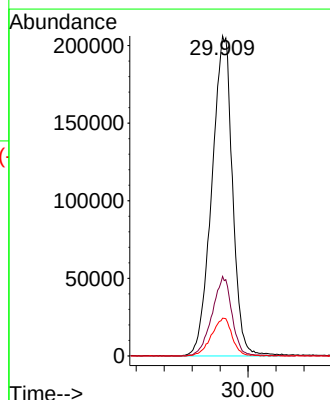
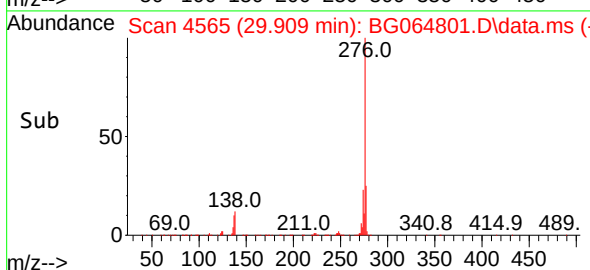
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 49.262 ng
RT: 29.909 min Scan# 4565
Delta R.T. -0.015 min
Lab File: BG064801.D
Acq: 18 Nov 2025 13:34



Tgt Ion:276 Resp: 1057418
Ion Ratio Lower Upper
276 100
277 24.8 18.0 27.0
138 11.8 8.2 12.2



Report of Analysis

Client: Alliance Technical Group, LLC - Newark	Date Collected: 11/17/25	
Project: NJ Soil PT	Date Received: 11/17/25	
Client Sample ID: NB-07-111725MS	SDG No.: Q3483	
Lab Sample ID: Q3658-01MS	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 90.9	
Sample Wt/Vol: 50.03 g	Test: SVOCMS Group4	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
1912-24-9	Atrazine	1000		1	22.4	110	ug/Kg	11/18/25 16:21	PB170598
SURROGATES									
367-12-4	2-Fluorophenol	98.6			10 - 105	66%	SPK: 150		
13127-88-3	Phenol-d6	99.7			10 - 103	66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	62.3			10 - 108	62%	SPK: 100		
321-60-8	2-Fluorobiphenyl	59.3			10 - 108	59%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	90.8			10 - 116	61%	SPK: 150		
1718-51-0	Terphenyl-d14	73.4			10 - 109	73%	SPK: 100		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	48200							
1146-65-2	Naphthalene-d8	195000							
15067-26-2	Acenaphthene-d10	156000							
1517-22-2	Phenanthrene-d10	349000							
1719-03-5	Chrysene-d12	337000							
1520-96-3	Perylene-d12	363000							

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\BG111825\
 Data File : BG064805.D
 Acq On : 18 Nov 2025 16:21
 Operator : RC/JU
 Sample : Q3658-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 16:56:58 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	48188	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	195252	20.000	ng	# 0.00
39) Acenaphthene-d10	14.774	164	155870	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	348676	20.000	ng	0.00
76) Chrysene-d12	21.754	240	336753	20.000	ng	0.00
86) Perylene-d12	25.015	264	363160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	271985	98.561	ng	0.00
7) Phenol-d6	7.312	99	365828	99.671	ng	0.00
23) Nitrobenzene-d5	9.327	82	246163	62.335	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	275931	90.768	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	662190	59.279	ng	0.00
79) Terphenyl-d14	20.091	244	1256101	73.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.516	88	36011	33.708	ng	99
3) Pyridine	3.934	79	101452	31.872	ng	95
4) n-Nitrosodimethylamine	3.840	42	64255	39.661	ng	93
6) Aniline	7.477	93	94592	19.335	ng	99
8) 2-Chlorophenol	7.723	128	144990	47.850	ng	99
9) Benzaldehyde	7.289	77	69717	29.017	ng	93
10) Phenol	7.336	94	186919	46.806	ng	97
11) bis(2-Chloroethyl)ether	7.571	93	125858	44.289	ng	98
12) 1,3-Dichlorobenzene	8.052	146	156109	44.773	ng	97
13) 1,4-Dichlorobenzene	8.199	146	161464	45.479	ng	97
14) 1,2-Dichlorobenzene	8.522	146	159539	46.344	ng	96
15) Benzyl Alcohol	8.393	79	141575	46.993	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	275986	41.031	ng	97
17) 2-Methylphenol	8.599	107	136651	48.361	ng	95
18) Hexachloroethane	9.257	117	59487	44.238	ng	98
19) n-Nitroso-di-n-propyla...	8.969	70	110971	44.716	ng	94
20) 3+4-Methylphenols	8.928	107	184193	47.583	ng	93
22) Acetophenone	8.987	105	232753	43.754	ng	97
24) Nitrobenzene	9.368	77	175089	43.880	ng	96
25) Isophorone	9.897	82	319462	42.480	ng	96
26) 2-Nitrophenol	10.085	139	87880	48.965	ng	96
27) 2,4-Dimethylphenol	10.138	122	148894	46.697	ng	99
28) bis(2-Chloroethoxy)met...	10.373	93	186357	45.138	ng	99
29) 2,4-Dichlorophenol	10.626	162	168740	49.293	ng	97
30) 1,2,4-Trichlorobenzene	10.843	180	197518	47.783	ng	98
31) Naphthalene	11.031	128	487558	44.050	ng	99
32) Benzoic acid	10.285	122	112360	49.693	ng	94
33) 4-Chloroaniline	11.131	127	45187	10.206	ng	99
34) Hexachlorobutadiene	11.325	225	152598	43.025	ng	98
35) Caprolactam	11.901	113	46162m	45.085	ng	
36) 4-Chloro-3-methylphenol	12.242	107	178954	46.967	ng	98
37) 2-Methylnaphthalene	12.623	142	336610	40.640	ng	98
38) 1-Methylnaphthalene	12.841	142	349765	42.510	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	278911	45.979	ng	99
41) Hexachlorocyclopentadiene	12.970	237	223701	51.450	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	174327	48.965	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064805.D
 Acq On : 18 Nov 2025 16:21
 Operator : RC/JU
 Sample : Q3658-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 16:56:58 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

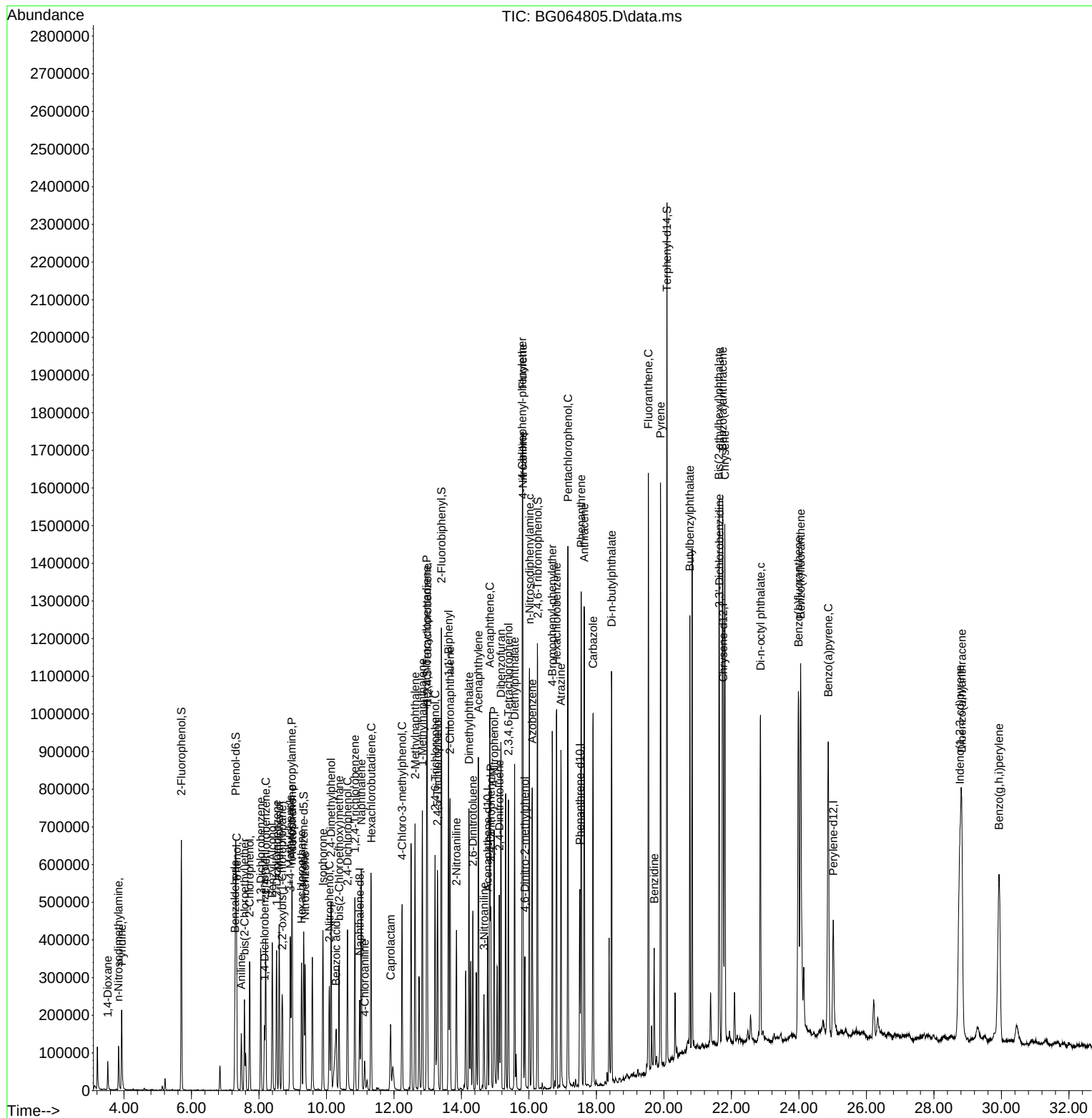
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	191296	47.907	ng	98
46) 1,1'-Biphenyl	13.616	154	515038	46.006	ng	97
47) 2-Chloronaphthalene	13.663	162	401490	45.521	ng	99
48) 2-Nitroaniline	13.851	65	134647	47.464	ng	99
49) Acenaphthylene	14.504	152	691802	45.912	ng	99
50) Dimethylphthalate	14.222	163	527447	42.838	ng	99
51) 2,6-Dinitrotoluene	14.339	165	112556	47.507	ng	93
52) Acenaphthene	14.839	154	445517	49.313	ng	100
53) 3-Nitroaniline	14.668	138	66262	28.336	ng	95
54) 2,4-Dinitrophenol	14.868	184	118117	73.554	ng	95
55) Dibenzofuran	15.168	168	673078	45.064	ng	98
56) 4-Nitrophenol	14.968	139	173189	93.348	ng	92
57) 2,4-Dinitrotoluene	15.121	165	164718	46.373	ng	# 97
58) Fluorene	15.814	166	514570	43.926	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.391	232	195914	49.728	ng	97
60) Diethylphthalate	15.573	149	511099	43.332	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	307850	43.789	ng	98
62) 4-Nitroaniline	15.820	138	97181	40.116	ng	93
63) Azobenzene	16.096	77	495116	50.467	ng	96
65) 4,6-Dinitro-2-methylph...	15.878	198	88449	45.688	ng	95
66) n-Nitrosodiphenylamine	16.014	169	463930	50.797	ng	100
67) 4-Bromophenyl-phenylether	16.689	248	226501	49.466	ng	97
68) Hexachlorobenzene	16.819	284	262785	47.369	ng	97
69) Atrazine	16.948	200	201168	45.686	ng	98
70) Pentachlorophenol	17.153	266	321249	96.485	ng	99
71) Phenanthrene	17.547	178	886662	46.477	ng	99
72) Anthracene	17.635	178	877242	45.096	ng	99
73) Carbazole	17.900	167	725006	43.355	ng	99
74) Di-n-butylphthalate	18.446	149	850883	45.607	ng	98
75) Fluoranthene	19.539	202	1029901	39.479	ng	99
77) Benzidine	19.709	184	229554	22.761	ng	97
78) Pyrene	19.897	202	1051714	55.724	ng	99
80) Butylbenzylphthalate	20.767	149	340509	51.293	ng	98
81) Benzo(a)anthracene	21.736	228	1065650	46.539	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	181271	21.508	ng	97
83) Chrysene	21.801	228	1006580	46.628	ng	99
84) Bis(2-ethylhexyl)phtha...	21.631	149	483937	49.887	ng	99
85) Di-n-octyl phthalate	22.859	149	795379	47.433	ng	100
87) Indeno(1,2,3-cd)pyrene	28.769	276	1293771	51.854	ng	# 96
88) Benzo(b)fluoranthene	23.981	252	1089616	47.147	ng	99
89) Benzo(k)fluoranthene	24.051	252	1049422	45.198	ng	99
90) Benzo(a)pyrene	24.868	252	1016437	47.412	ng	# 99
91) Dibenzo(a,h)anthracene	28.822	278	1046674	51.208	ng	98
92) Benzo(g,h,i)perylene	29.927	276	1048620	53.307	ng	98

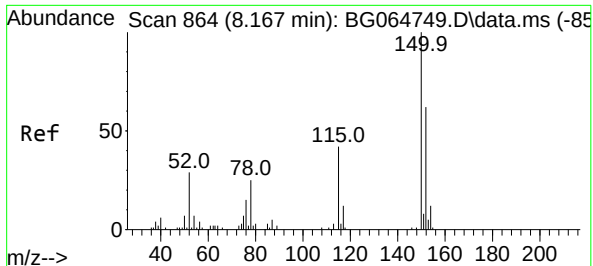
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS

Manual Integrations APPROVED

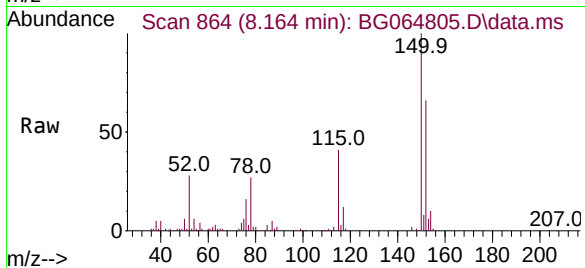
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

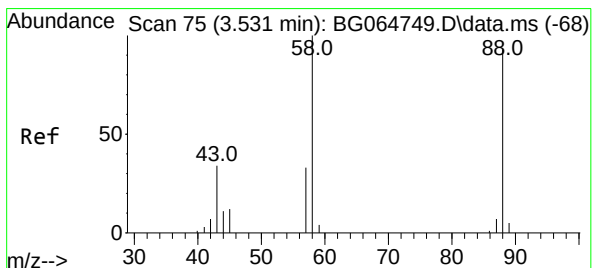
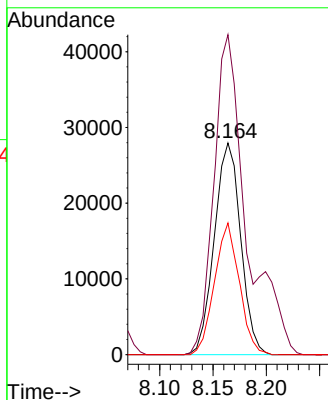
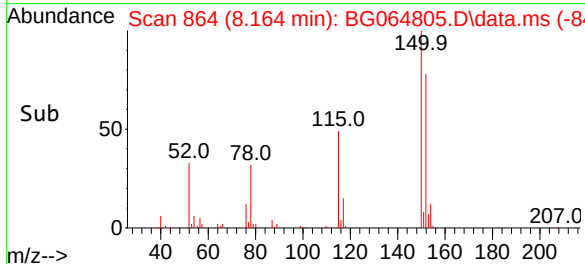
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:152 Resp: 48188
Ion Ratio Lower Upper
152 100
150 151.2 129.2 193.8
115 62.2 53.7 80.5

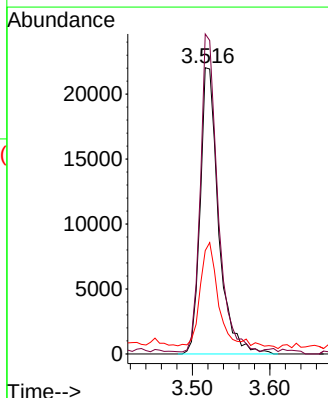
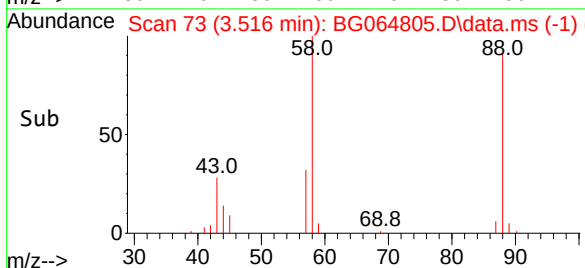
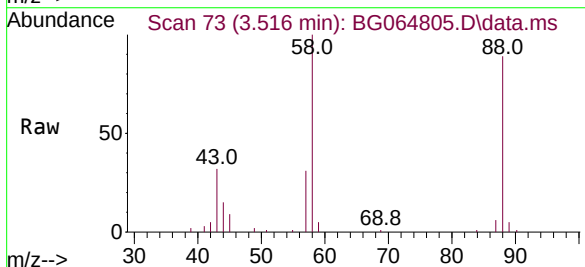
Manual Integrations
APPROVED

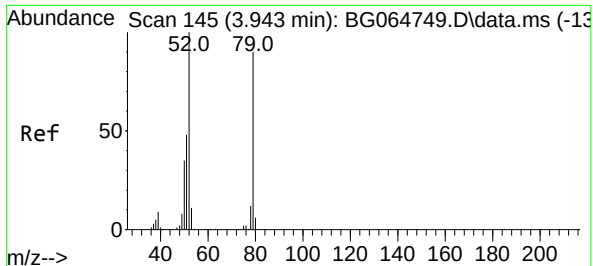
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 33.708 ng
RT: 3.516 min Scan# 73
Delta R.T. -0.015 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

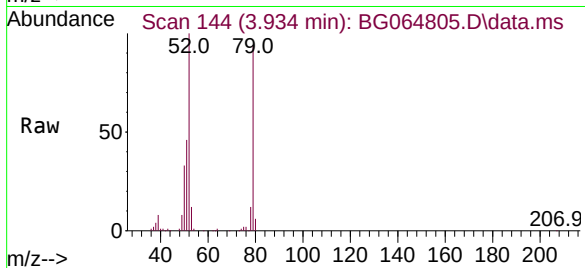
Tgt Ion: 88 Resp: 36011
Ion Ratio Lower Upper
88 100
58 106.4 84.6 126.8
43 39.4 30.0 45.0





#3
Pyridine
Concen: 31.872 ng
RT: 3.934 min Scan# 145
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

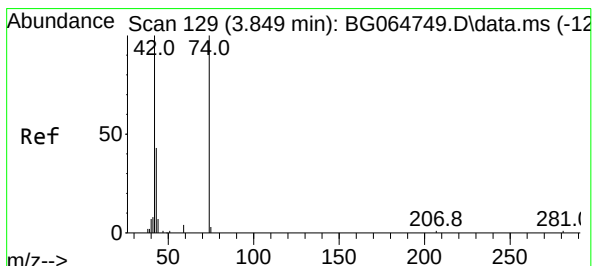
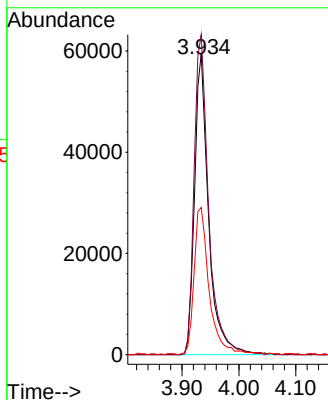
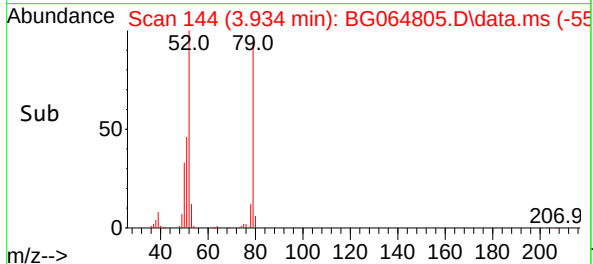
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



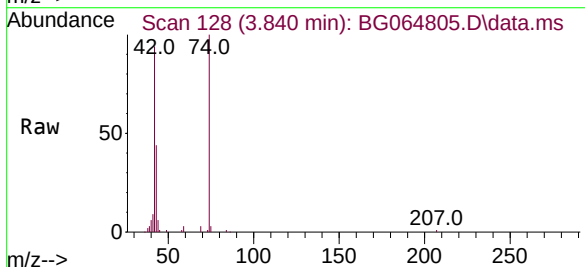
Tgt Ion: 79 Resp: 101452
Ion Ratio Lower Upper
79 100
52 106.4 89.0 133.4
51 48.9 43.4 65.0

Manual Integrations
APPROVED

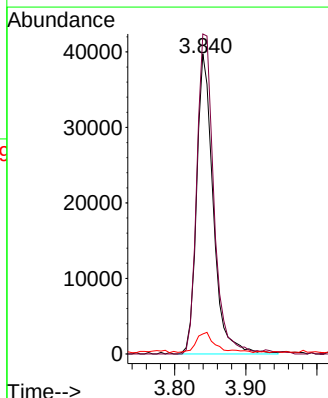
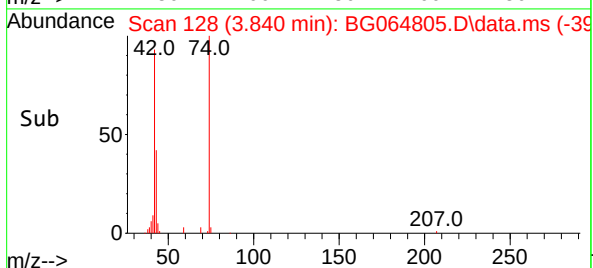
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

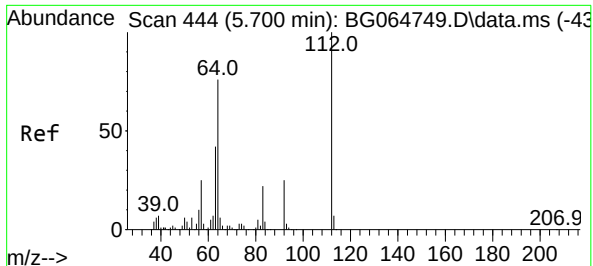


#4
n-Nitrosodimethylamine
Concen: 39.661 ng
RT: 3.840 min Scan# 128
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



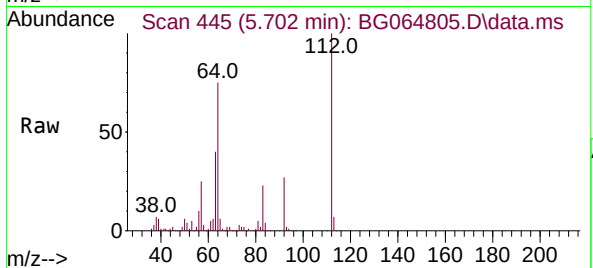
Tgt Ion: 42 Resp: 64255
Ion Ratio Lower Upper
42 100
74 106.6 79.8 119.6
44 6.6 5.9 8.9





#5
2-Fluorophenol
Concen: 98.561 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

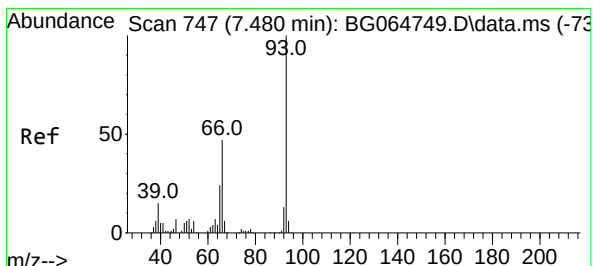
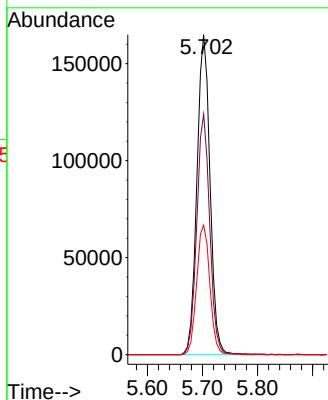
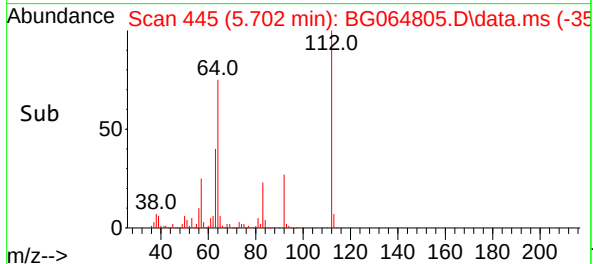
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion: 112 Resp: 271985
Ion Ratio Lower Upper
112 100
64 75.1 61.0 91.4
63 40.4 33.3 49.9

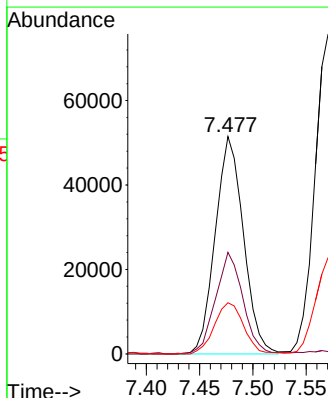
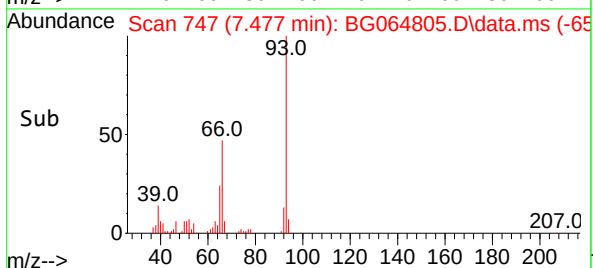
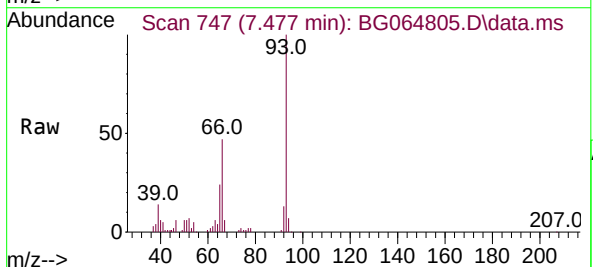
Manual Integrations
APPROVED

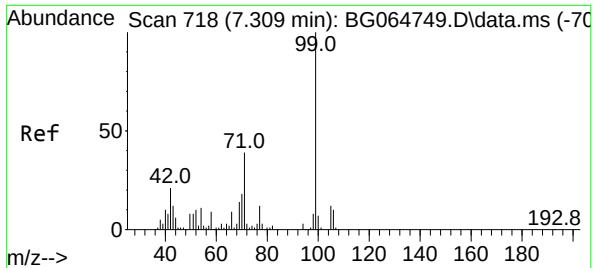
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 19.335 ng
RT: 7.477 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

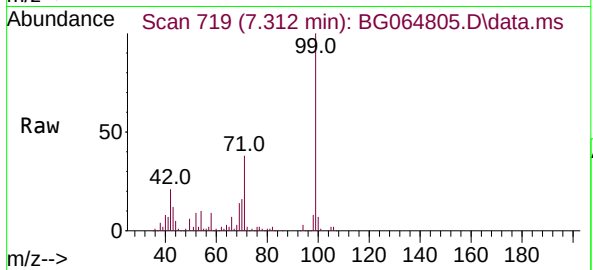
Tgt Ion: 93 Resp: 94592
Ion Ratio Lower Upper
93 100
66 46.7 37.7 56.5
65 23.5 19.1 28.7





#7
Phenol-d6
Concen: 99.671 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

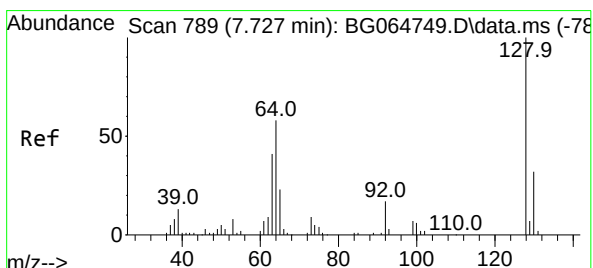
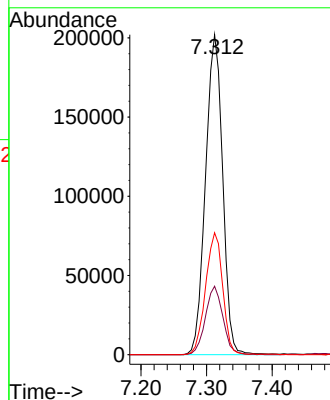
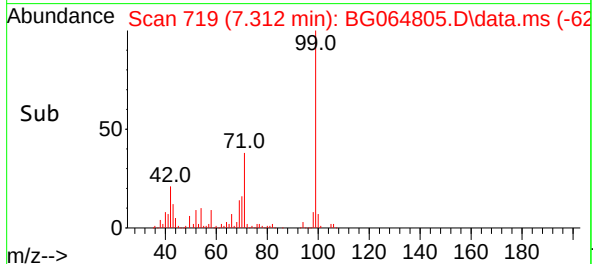
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



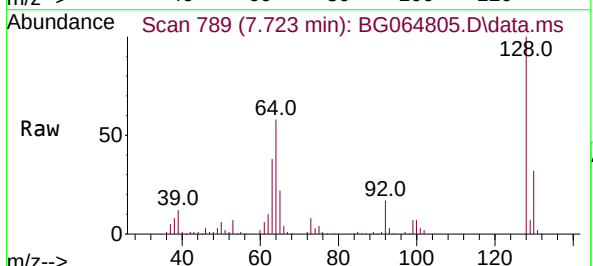
Tgt Ion: 99 Resp: 365828
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 38.1 31.1 46.7

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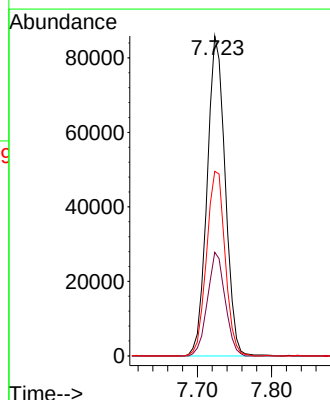
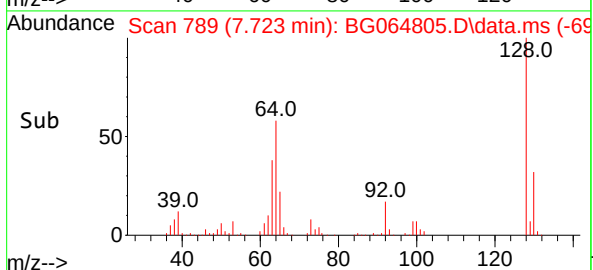
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

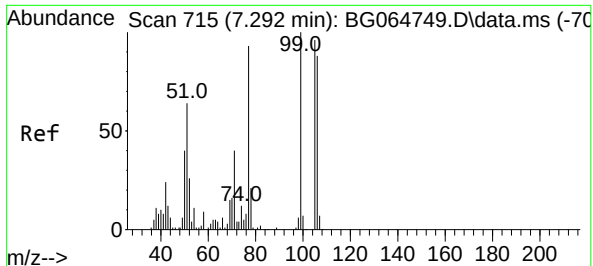


#8
2-Chlorophenol
Concen: 47.850 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



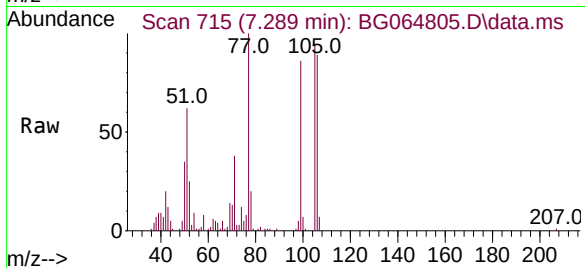
Tgt Ion:128 Resp: 144990
Ion Ratio Lower Upper
128 100
130 32.4 11.9 51.9
64 57.7 38.4 78.4





#9
Benzaldehyde
Concen: 29.017 ng
RT: 7.289 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

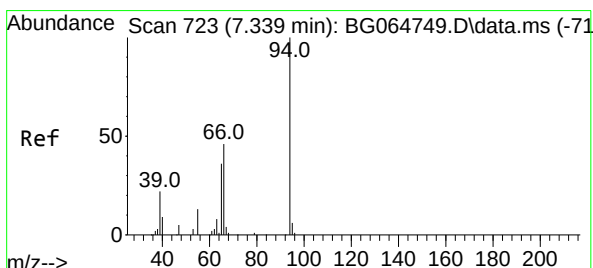
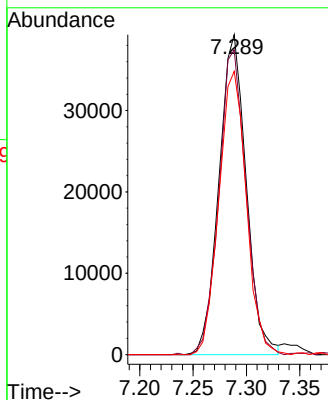
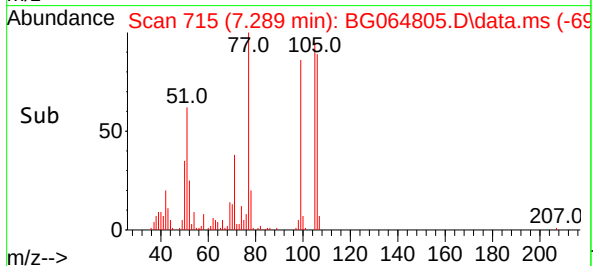
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion: 77 Resp: 6971
Ion Ratio Lower Upper
77 100
105 95.2 83.8 123.8
106 88.5 74.3 114.3

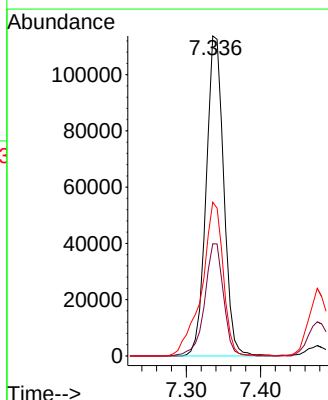
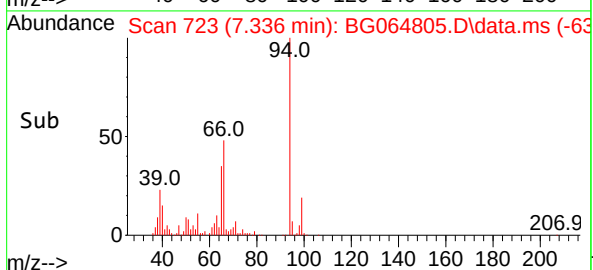
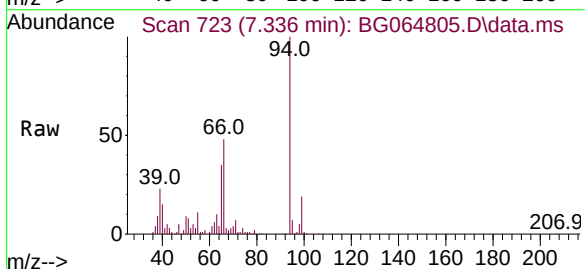
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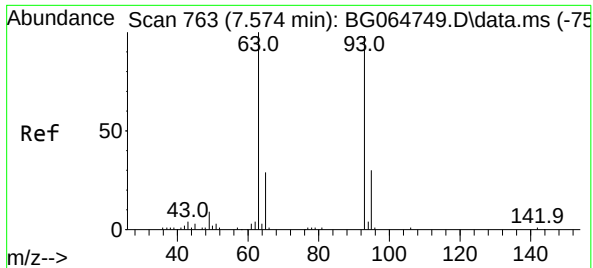
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#10
Phenol
Concen: 46.806 ng
RT: 7.336 min Scan# 723
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 94 Resp: 186919
Ion Ratio Lower Upper
94 100
65 35.0 17.0 57.0
66 48.0 29.8 69.8





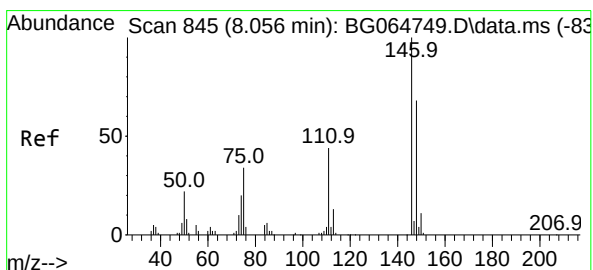
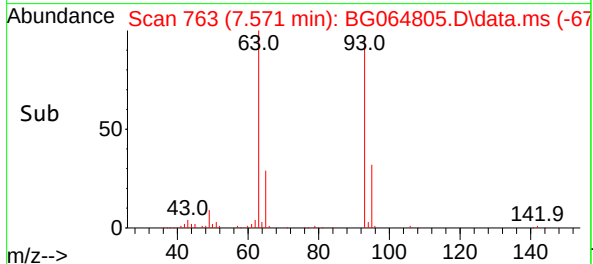
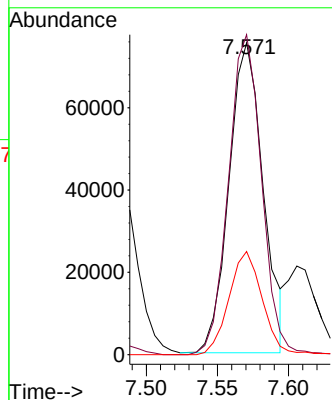
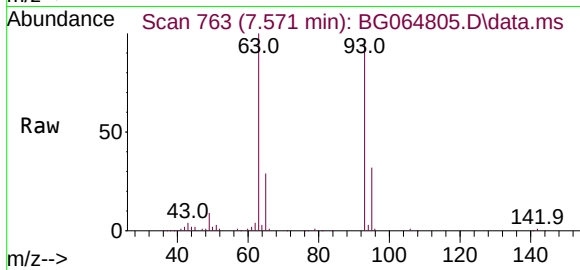
#11
bis(2-Chloroethyl)ether
Concen: 44.289 ng
RT: 7.571 min Scan# 763
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS

Tgt Ion: 93 Resp: 125858
Ion Ratio Lower Upper
93 100
63 102.6 81.8 121.8
95 33.1 10.3 50.3

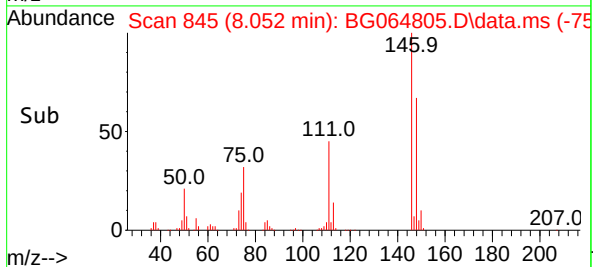
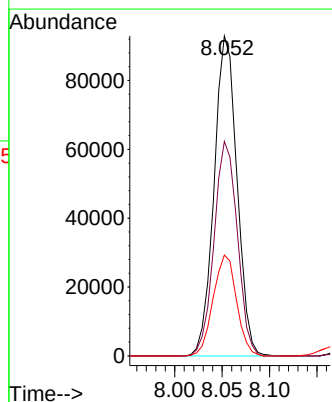
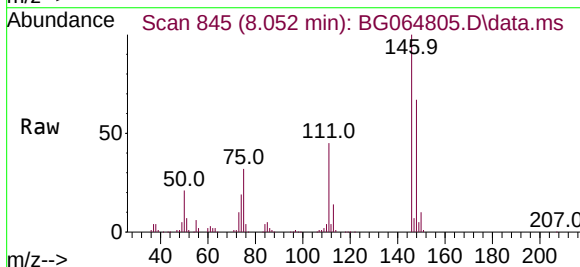
Manual Integrations
APPROVED

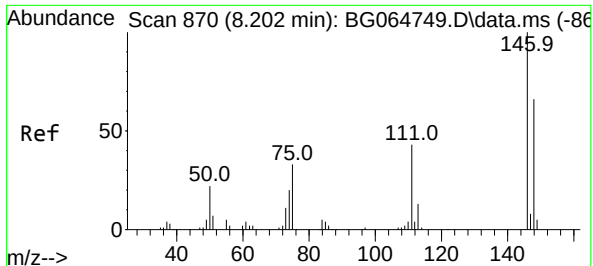
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#12
1,3-Dichlorobenzene
Concen: 44.773 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:146 Resp: 156109
Ion Ratio Lower Upper
146 100
148 67.0 54.6 82.0
75 31.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 45.479 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:146 Resp: 161464

Ion Ratio Lower Upper

146 100

148 63.7 53.1 79.7

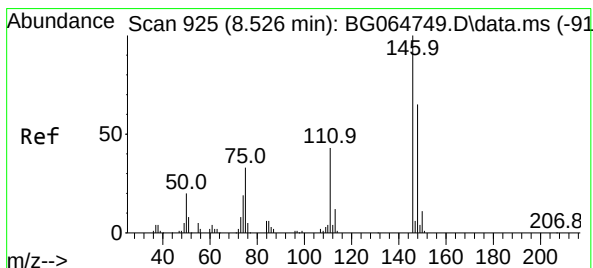
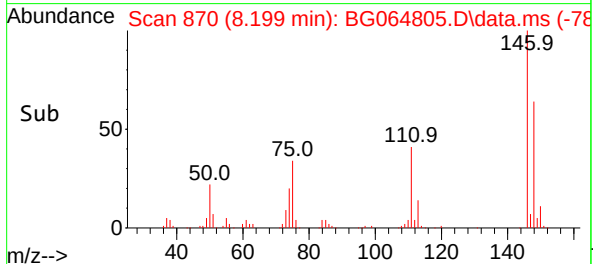
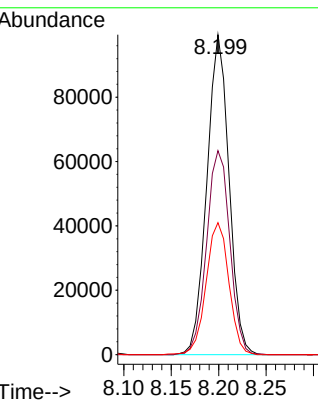
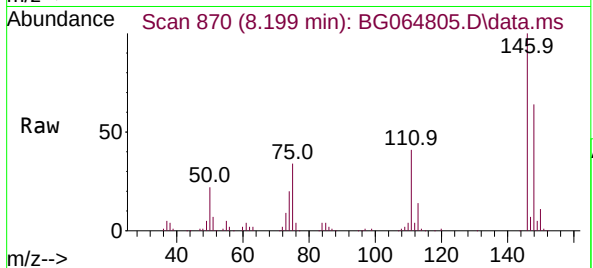
111 41.2 34.1 51.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 46.344 ng

RT: 8.522 min Scan# 925

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

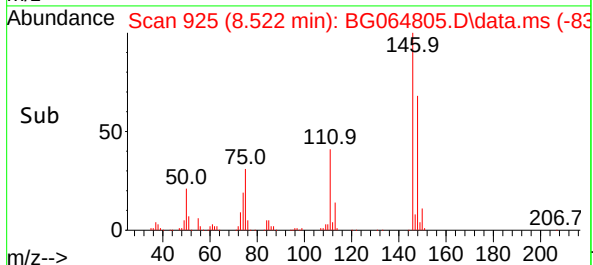
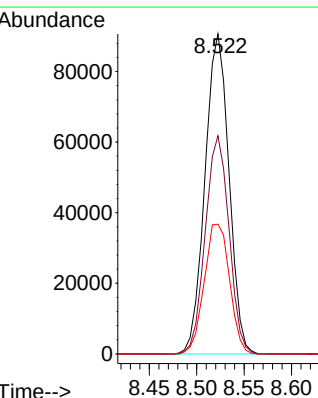
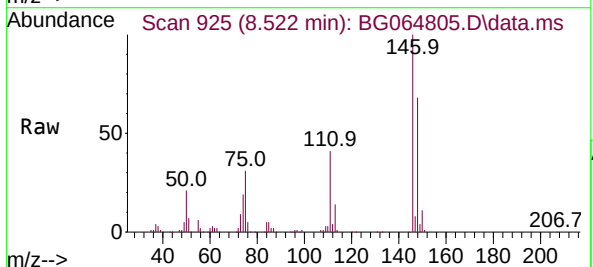
Tgt Ion:146 Resp: 159539

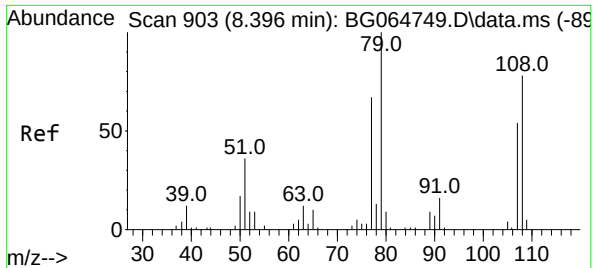
Ion Ratio Lower Upper

146 100

148 68.2 52.0 78.0

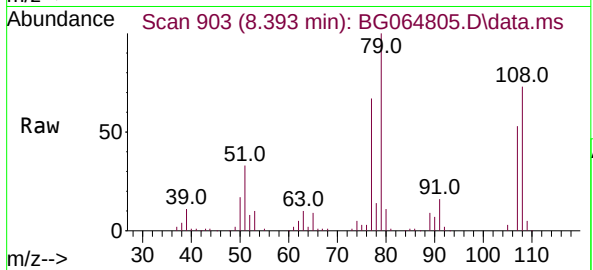
111 40.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 46.993 ng
RT: 8.393 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

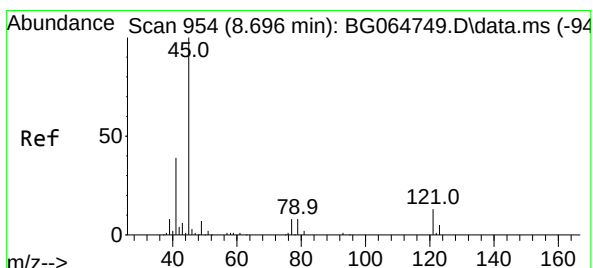
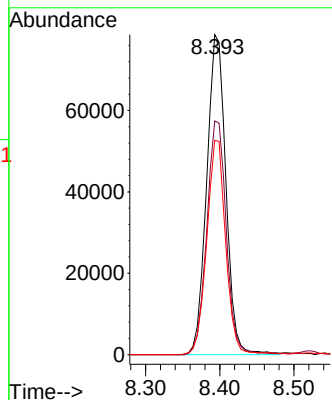
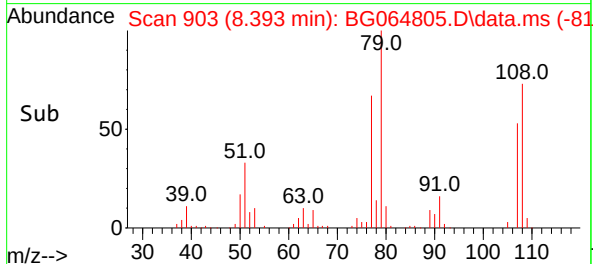
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



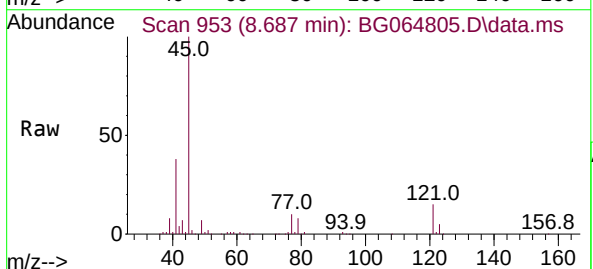
Tgt Ion: 79 Resp: 141575
Ion Ratio Lower Upper
79 100
108 73.0 62.3 93.5
77 67.0 53.5 80.3

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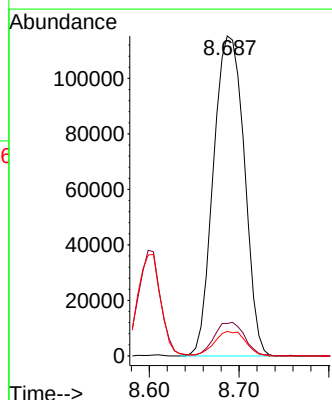
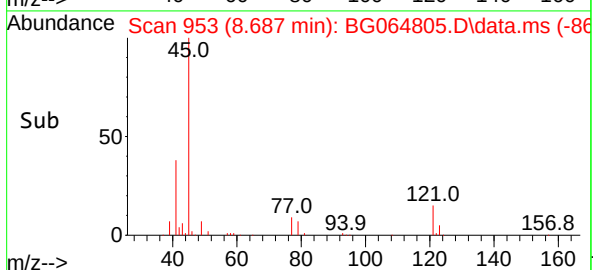
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

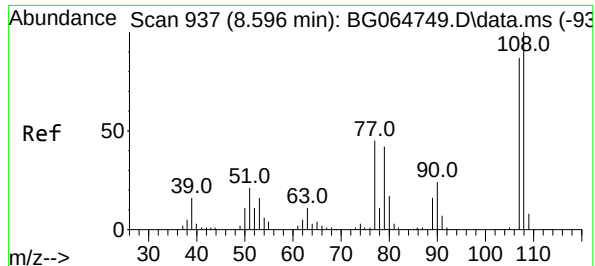


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.031 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion: 45 Resp: 275986
Ion Ratio Lower Upper
45 100
77 10.1 0.0 28.8
79 7.7 0.0 28.1





#17

2-Methylphenol

Concen: 48.361 ng

RT: 8.599 min Scan# 937

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:107 Resp: 13665

Ion Ratio Lower Upper

107 100

108 109.6 92.6 138.8

77 48.8 41.2 61.8

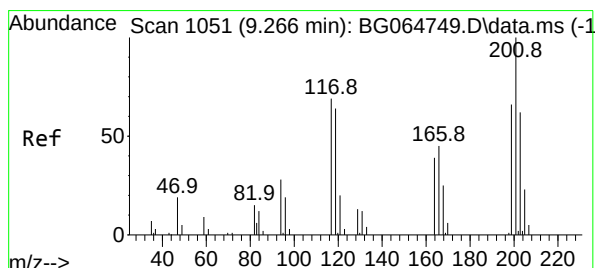
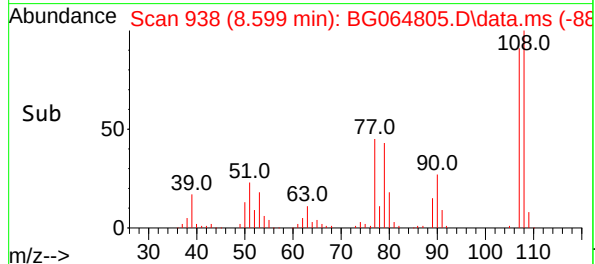
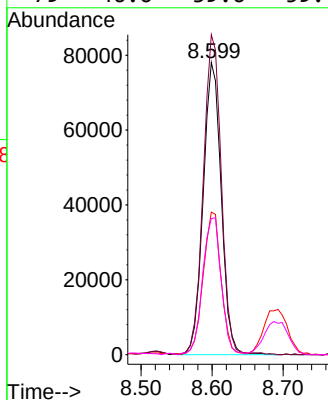
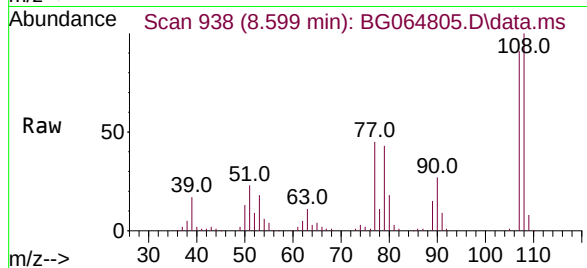
79 46.6 39.6 59.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#18

Hexachloroethane

Concen: 44.238 ng

RT: 9.257 min Scan# 1050

Delta R.T. -0.009 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

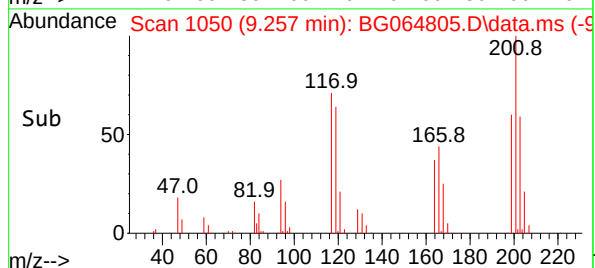
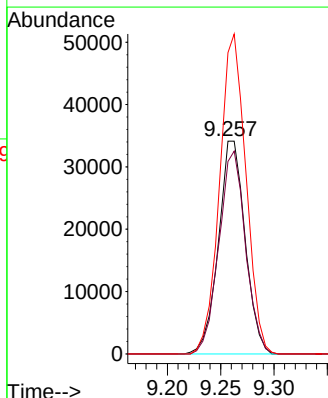
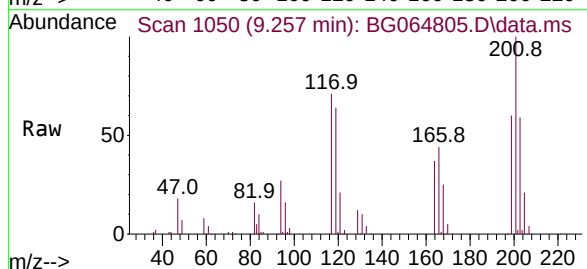
Tgt Ion:117 Resp: 59487

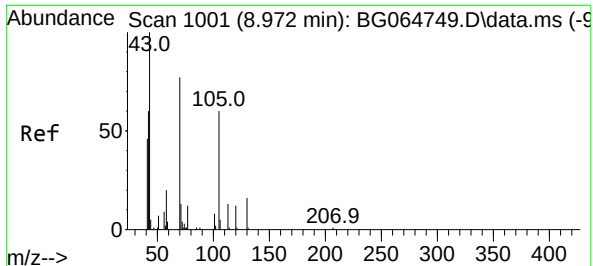
Ion Ratio Lower Upper

117 100

119 90.5 74.4 111.6

201 144.5 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.716 ng

RT: 8.969 min Scan# 10

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion: 70 Resp: 11097

Ion Ratio Lower Upper

70 100

42 71.2 62.6 93.8

101 10.2 8.0 12.0

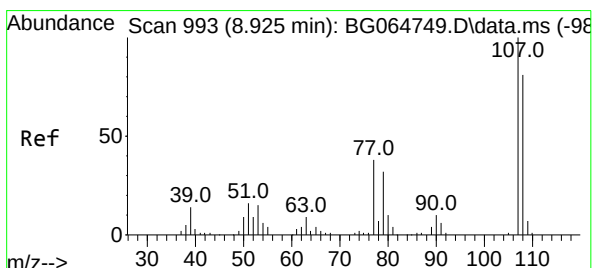
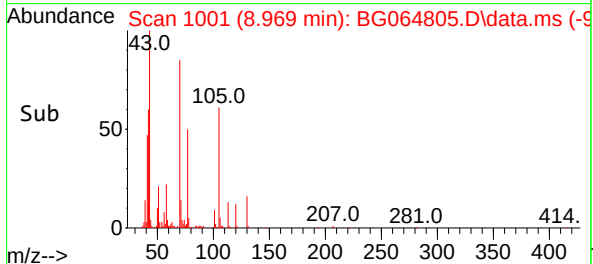
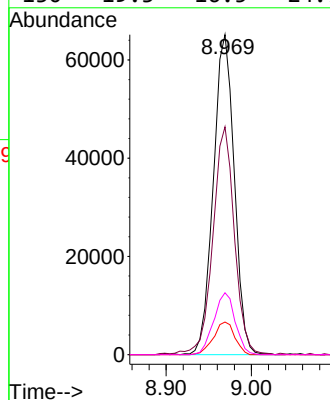
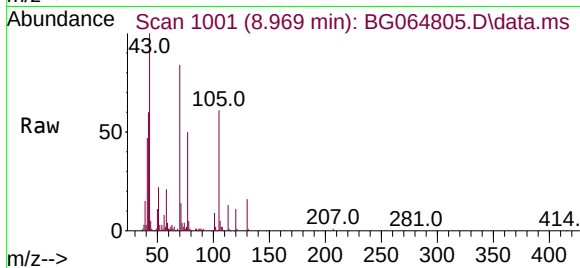
130 19.3 16.5 24.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 47.583 ng

RT: 8.928 min Scan# 994

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Tgt Ion:107 Resp: 184193

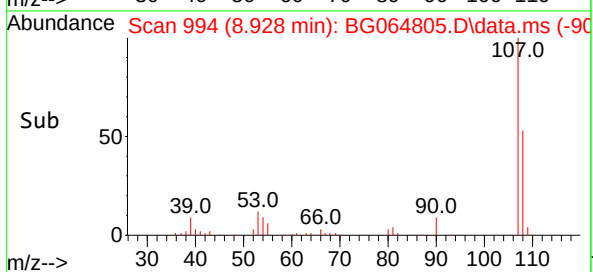
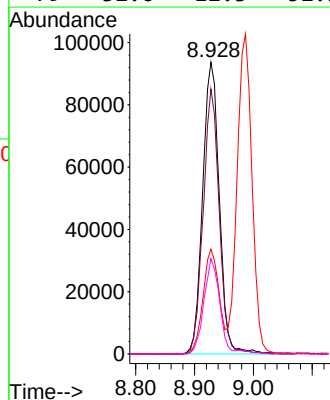
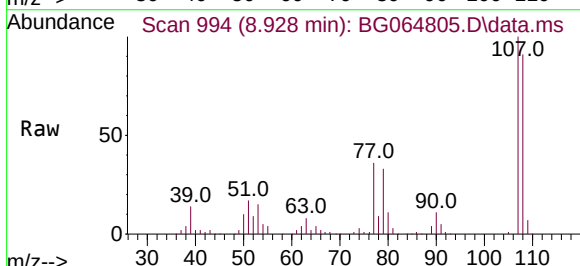
Ion Ratio Lower Upper

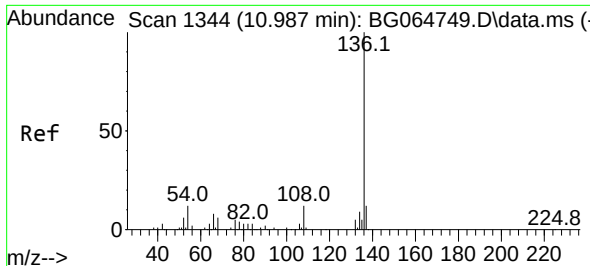
107 100

108 90.8 61.0 101.0

77 35.9 17.6 57.6

79 32.6 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.984 min Scan# 1344

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

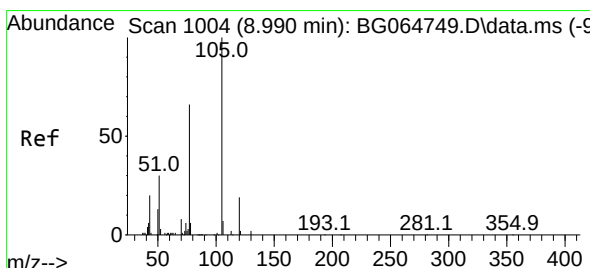
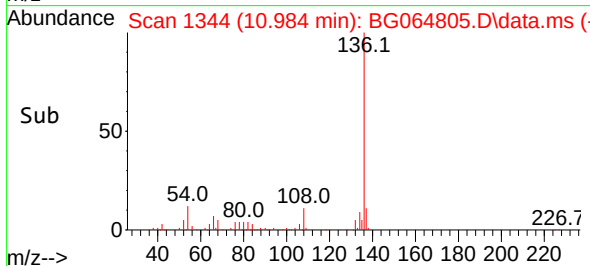
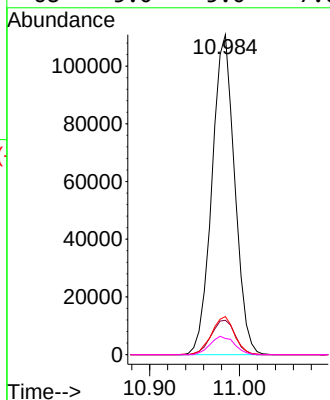
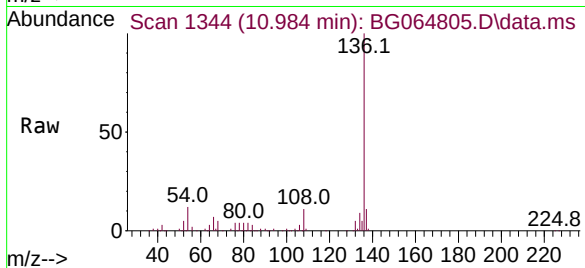
Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:	136	Resp:	19525
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.3	13.9
54	11.9	9.3	13.9
68	5.0	5.0	7.6#

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

#22

Acetophenone

Concen: 43.754 ng

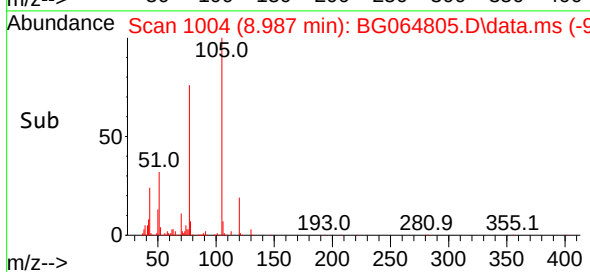
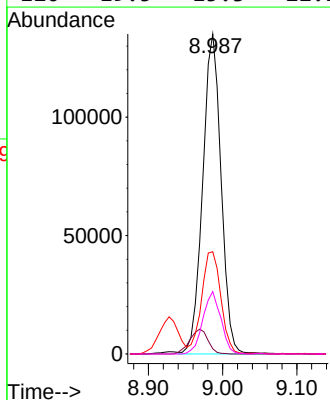
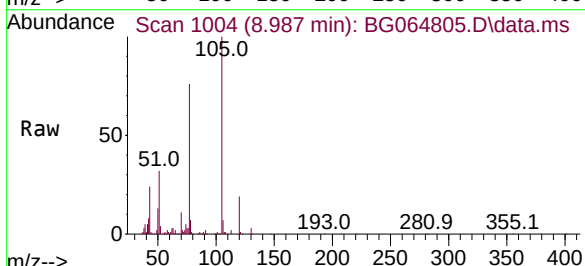
RT: 8.987 min Scan# 1004

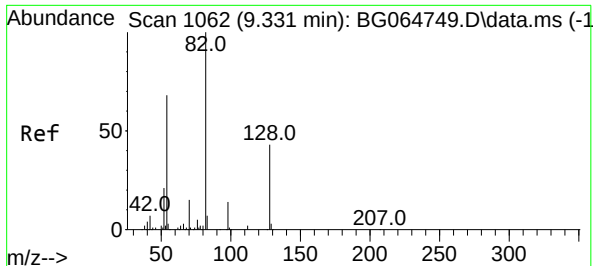
Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Tgt Ion:	105	Resp:	232753
Ion Ratio	Lower	Upper	
105	100		
71	1.7	1.3	1.9
51	31.9	27.9	41.9
120	19.5	15.3	22.9





#23

Nitrobenzene-d5

Concen: 62.335 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion: 82 Resp: 246163

Ion Ratio Lower Upper

82 100

128 41.7 34.1 51.1

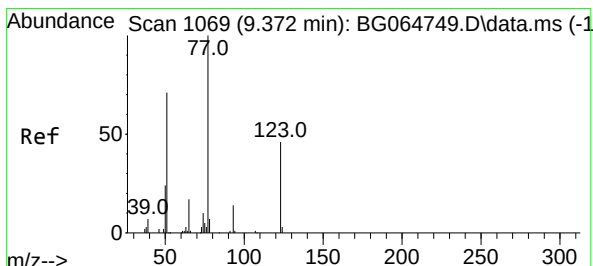
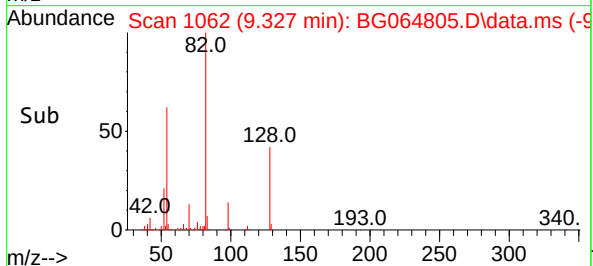
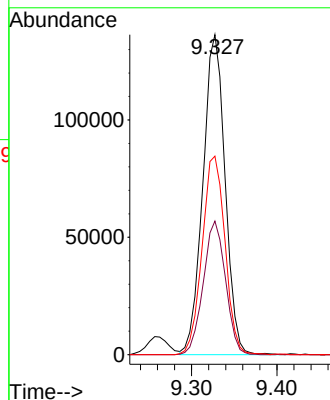
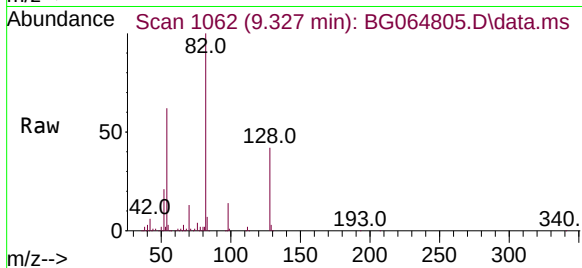
54 62.0 54.3 81.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 43.880 ng

RT: 9.368 min Scan# 1069

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

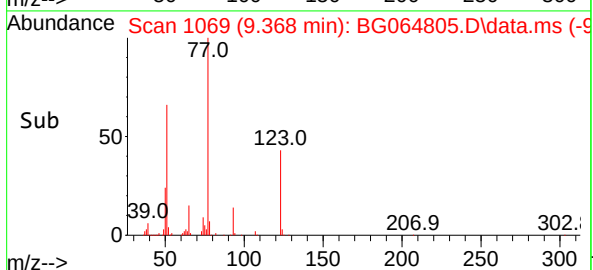
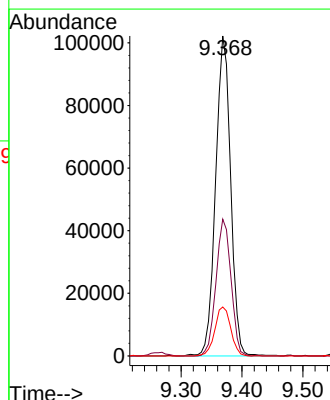
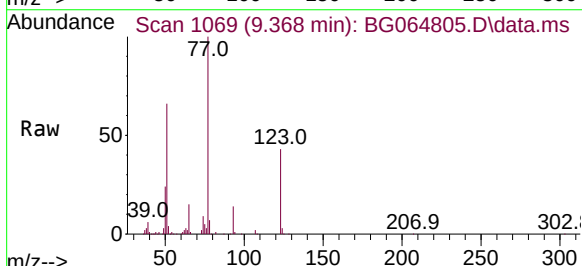
Tgt Ion: 77 Resp: 175089

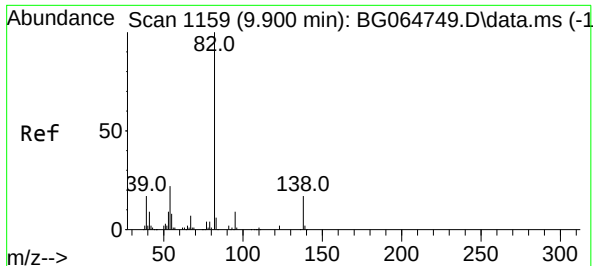
Ion Ratio Lower Upper

77 100

123 42.7 36.5 54.7

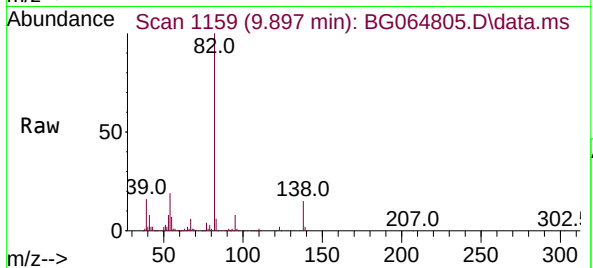
65 15.3 13.5 20.3





#25
Isophorone
Concen: 42.480 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

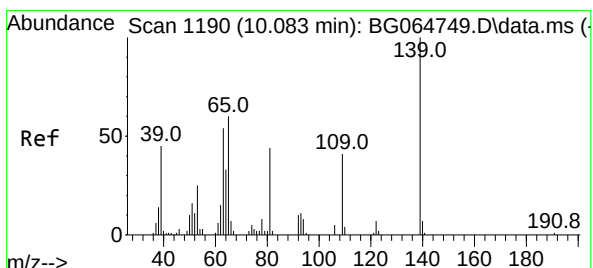
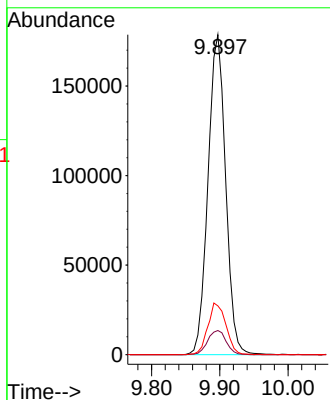
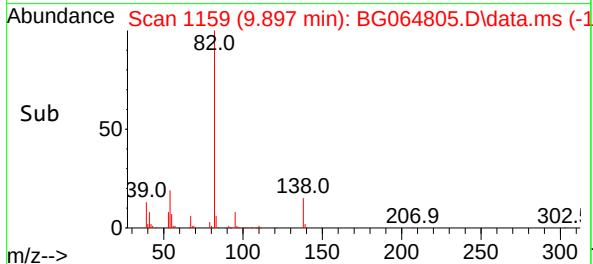
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



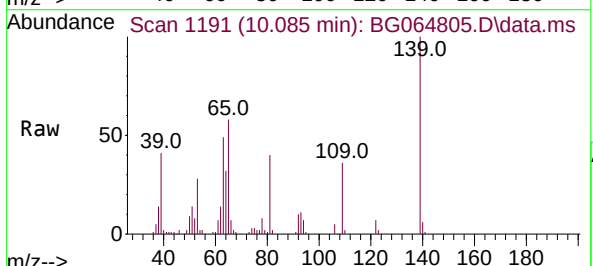
Tgt Ion: 82 Resp: 319462
Ion Ratio Lower Upper
82 100
95 7.5 6.9 10.3
138 15.2 13.9 20.9

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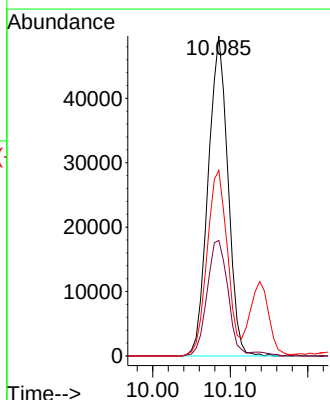
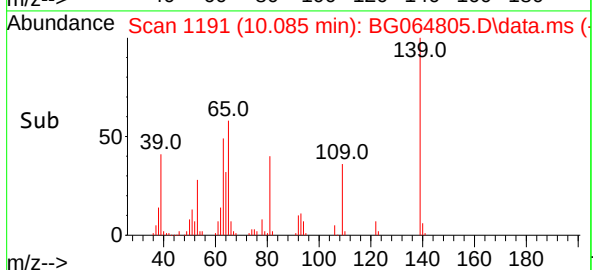
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

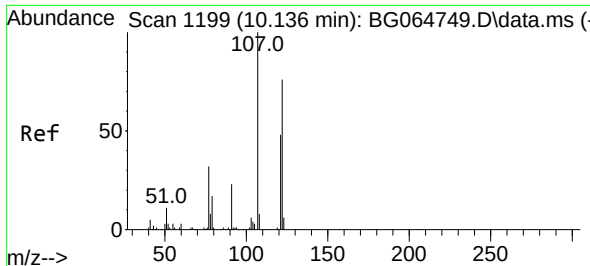


#26
2-Nitrophenol
Concen: 48.965 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



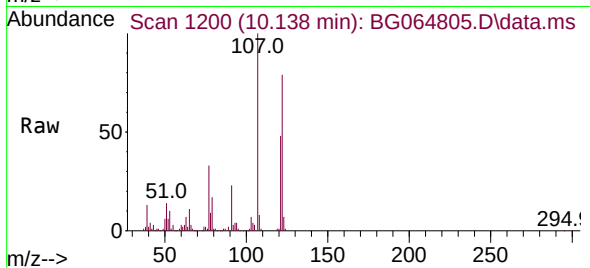
Tgt Ion:139 Resp: 87880
Ion Ratio Lower Upper
139 100
109 36.1 32.5 48.7
65 58.0 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 46.697 ng
RT: 10.138 min Scan# 1199
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

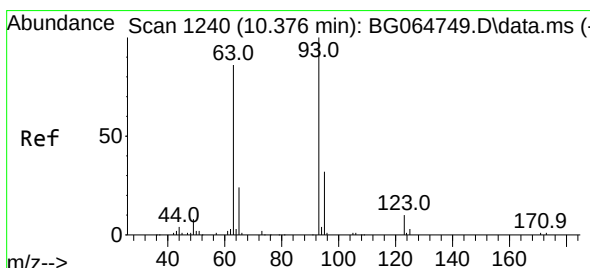
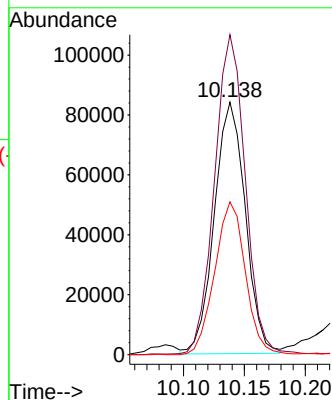
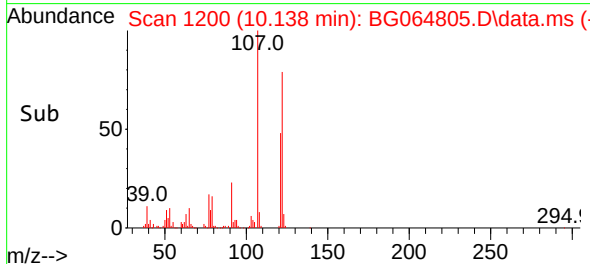
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:122 Resp: 148894
Ion Ratio Lower Upper
122 100
107 126.8 102.5 153.7
121 60.5 49.0 73.6

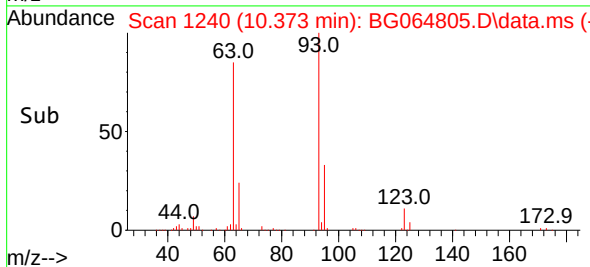
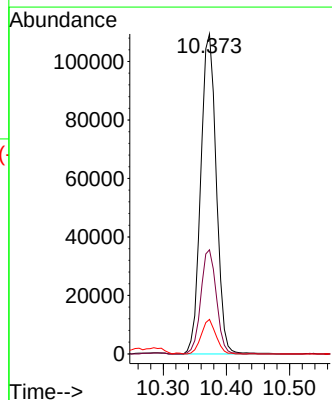
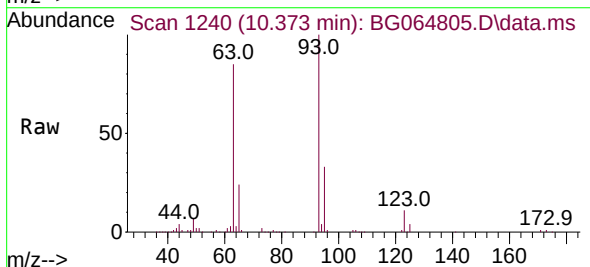
Manual Integrations
APPROVED

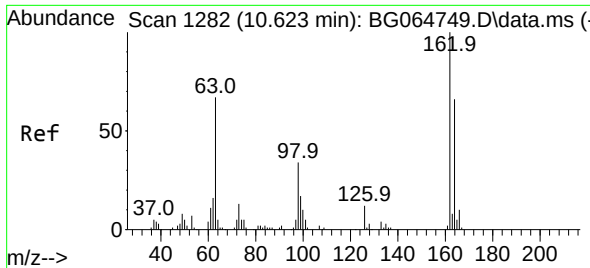
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#28
bis(2-Chloroethoxy)methane
Concen: 45.138 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

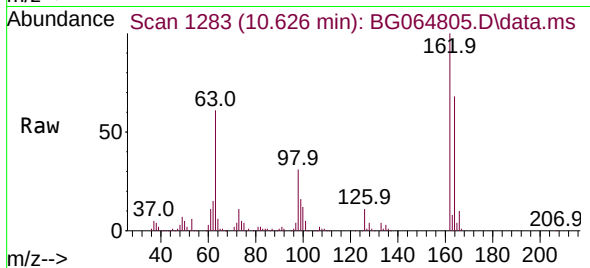
Tgt Ion: 93 Resp: 186357
Ion Ratio Lower Upper
93 100
95 32.5 25.4 38.2
123 10.8 8.1 12.1





#29
2,4-Dichlorophenol
Concen: 49.293 ng
RT: 10.626 min Scan# 1282
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

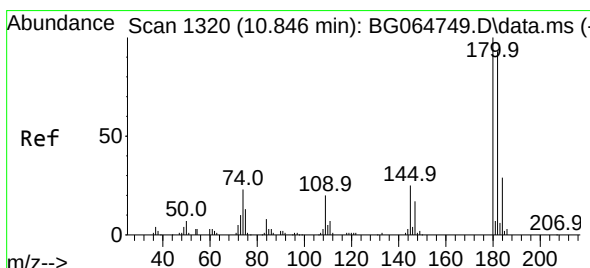
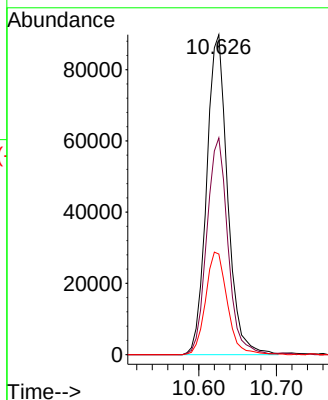
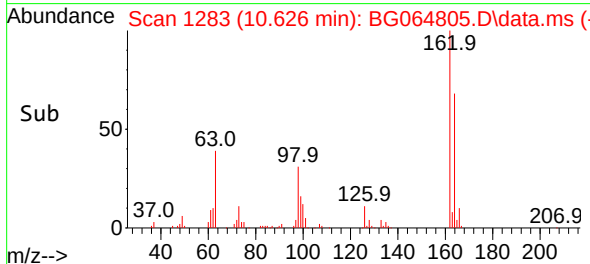
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



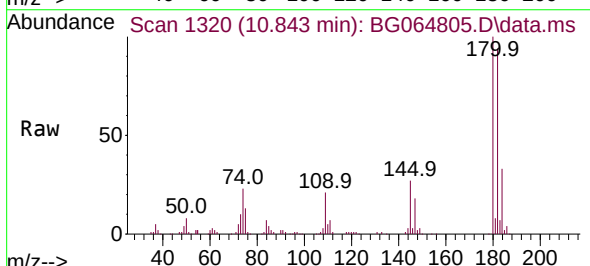
Tgt Ion:162 Resp: 168740
Ion Ratio Lower Upper
162 100
164 67.7 46.0 86.0
98 31.4 14.2 54.2

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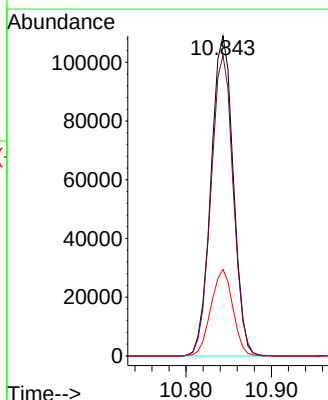
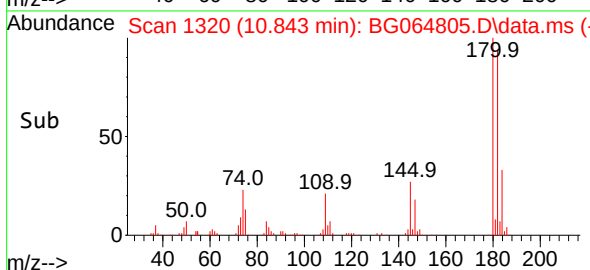
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

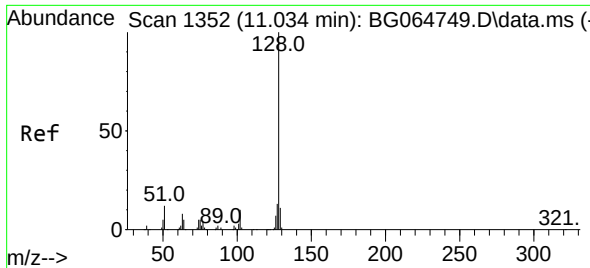


#30
1,2,4-Trichlorobenzene
Concen: 47.783 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



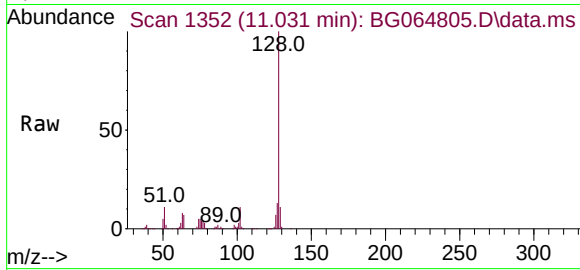
Tgt Ion:180 Resp: 197518
Ion Ratio Lower Upper
180 100
182 93.9 74.2 111.4
145 27.0 20.0 30.0





#31
Naphthalene
Concen: 44.050 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

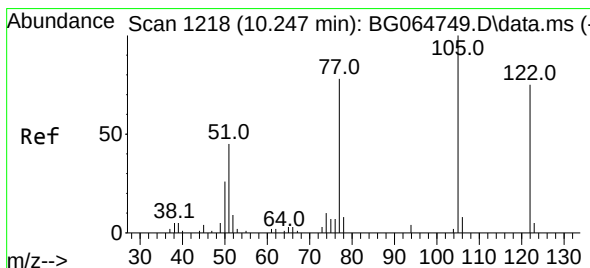
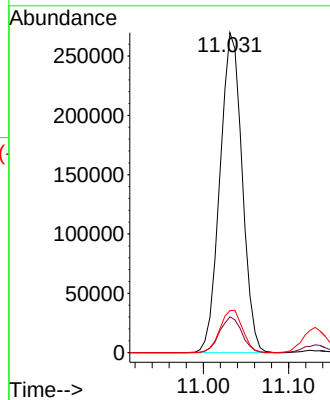
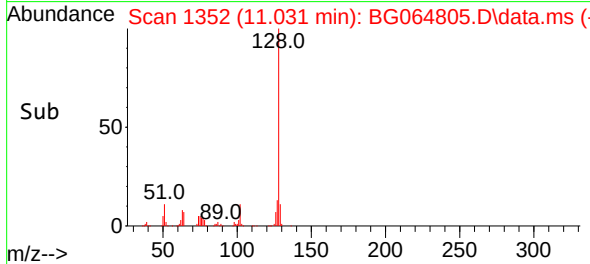
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



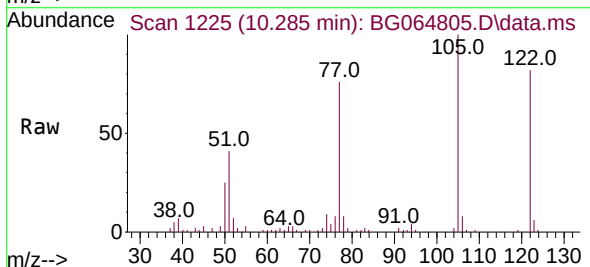
Tgt Ion:128 Resp: 487558
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.1 10.6 16.0

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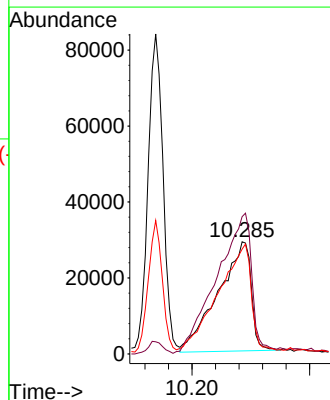
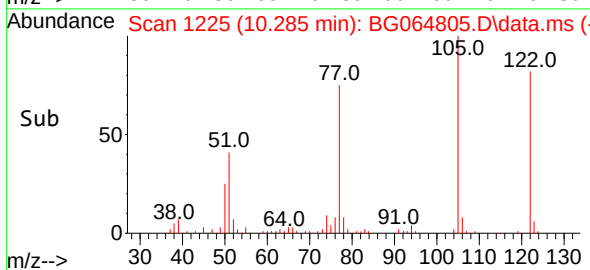
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

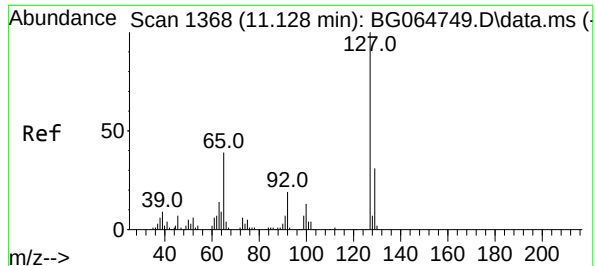


#32
Benzoic acid
Concen: 49.693 ng
RT: 10.285 min Scan# 1225
Delta R.T. 0.038 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



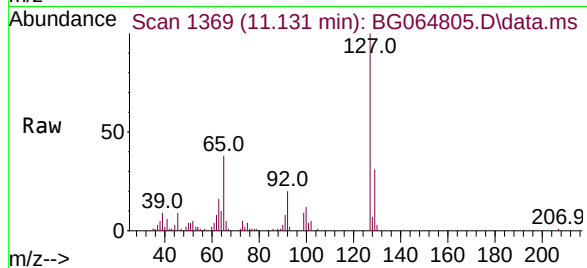
Tgt Ion:122 Resp: 112360
Ion Ratio Lower Upper
122 100
105 122.5 107.6 147.6
77 93.4 82.5 122.5





#33
4-Chloroaniline
Concen: 10.206 ng
RT: 11.131 min Scan# 1369
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

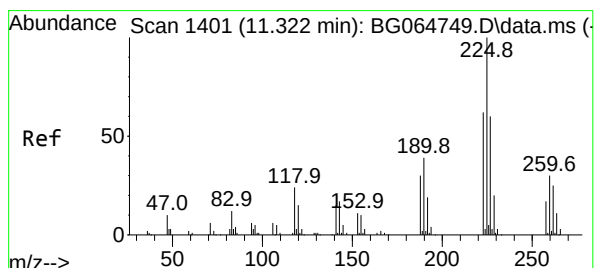
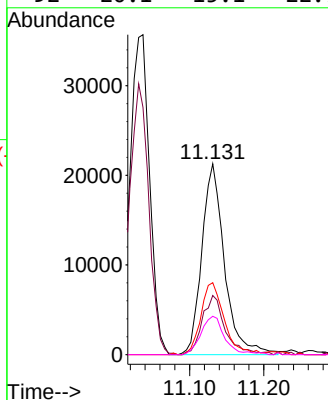
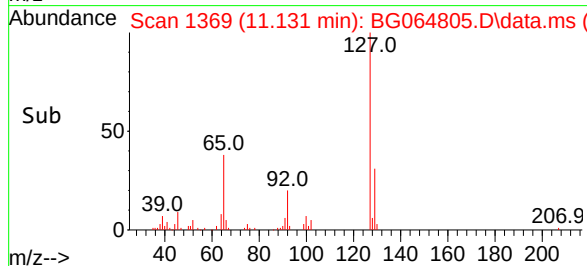
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



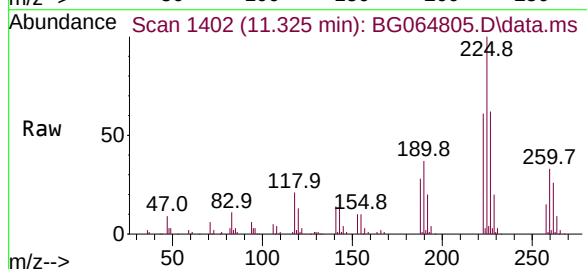
Tgt Ion:127 Resp: 45187
Ion Ratio Lower Upper
127 100
129 31.0 24.9 37.3
65 37.7 30.9 46.3
92 20.1 15.1 22.7

Manual Integrations
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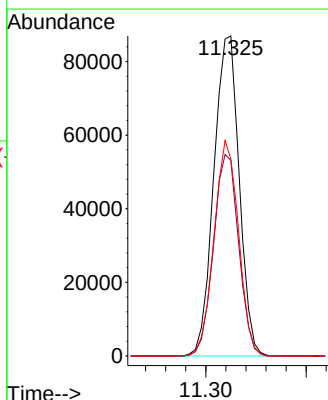
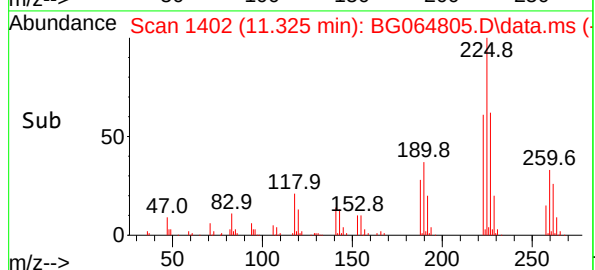
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

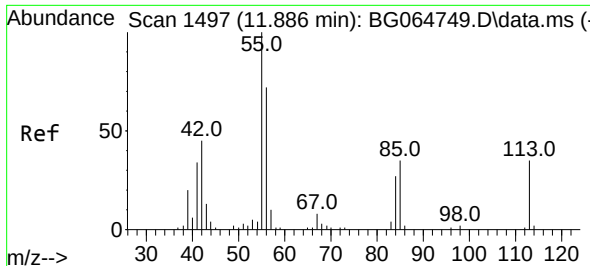


#34
Hexachlorobutadiene
Concen: 43.025 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:225 Resp: 152598
Ion Ratio Lower Upper
225 100
223 61.1 49.9 74.9
227 61.5 50.6 75.8





#35

Caprolactam

Concen: 45.085 ng m

RT: 11.901 min Scan# 11

Delta R.T. 0.014 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:113 Resp: 46162

Ion Ratio Lower Upper

113 100

55 255.1 263.7 303.7

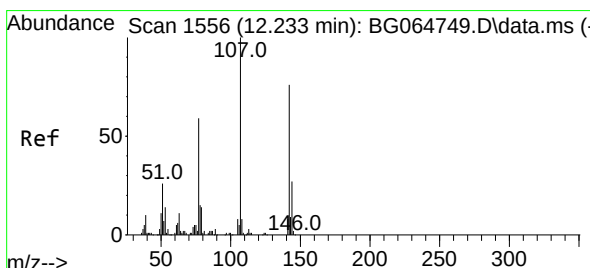
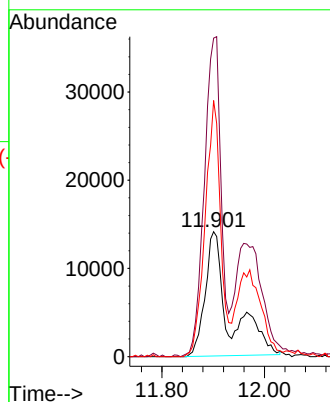
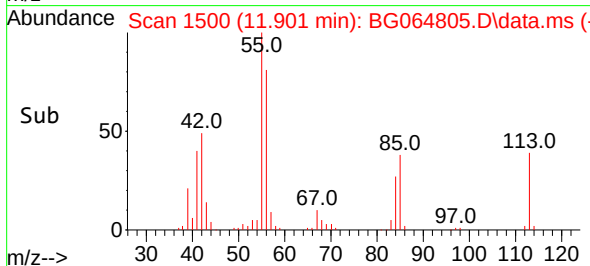
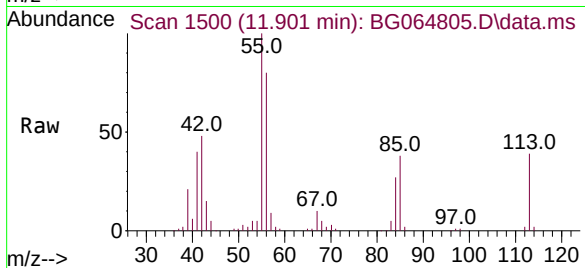
56 205.1 184.0 224.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#36

4-Chloro-3-methylphenol

Concen: 46.967 ng

RT: 12.242 min Scan# 1558

Delta R.T. 0.008 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

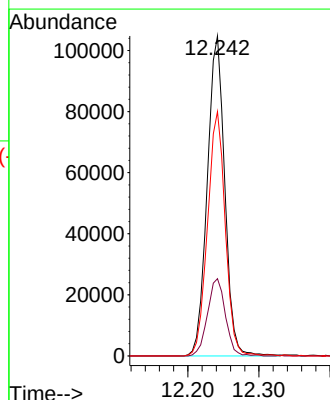
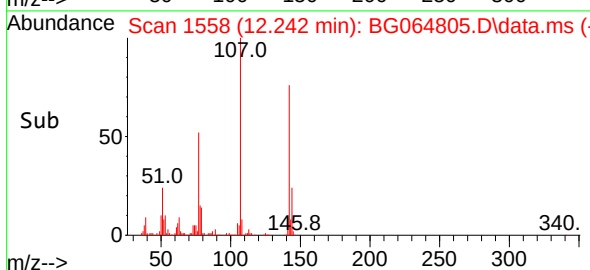
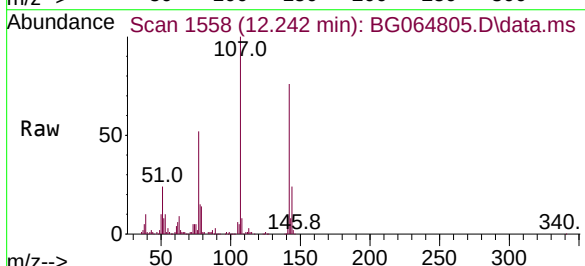
Tgt Ion:107 Resp: 178954

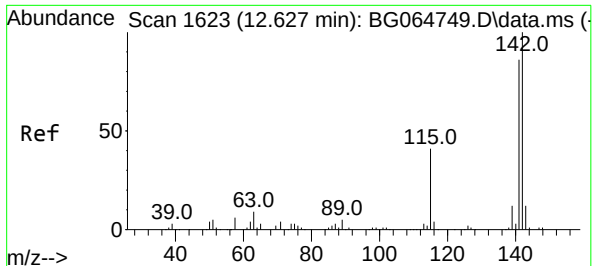
Ion Ratio Lower Upper

107 100

144 24.1 21.7 32.5

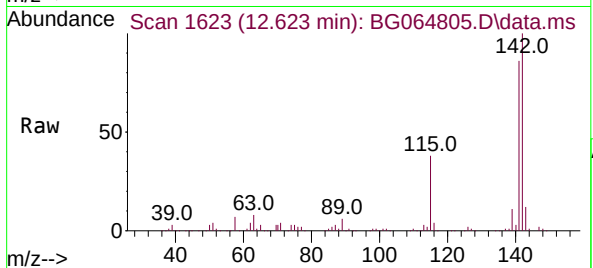
142 76.3 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.640 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

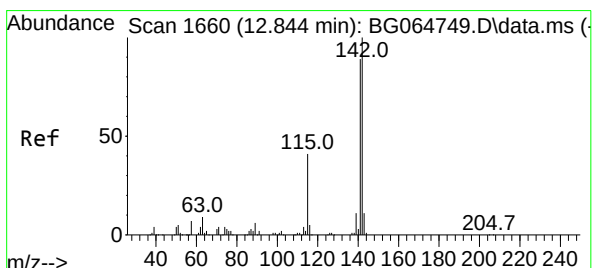
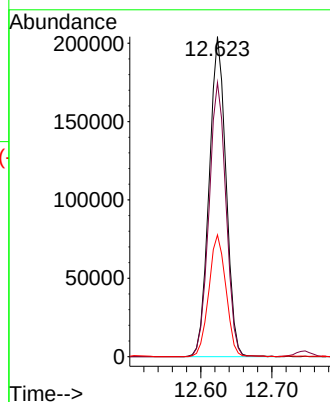
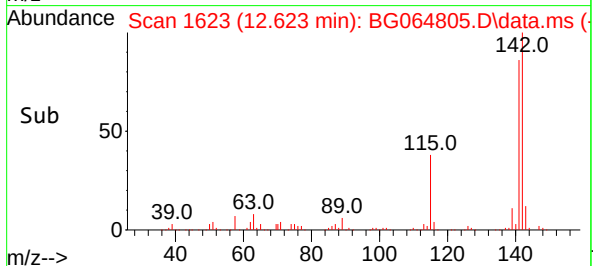
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:142 Resp: 336610
Ion Ratio Lower Upper
142 100
141 85.6 69.1 103.7
115 38.0 32.9 49.3

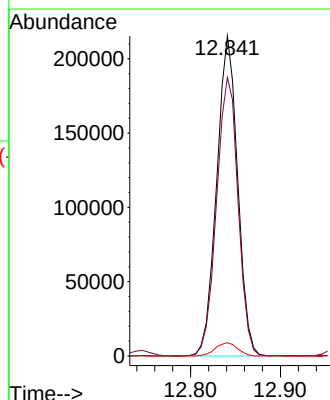
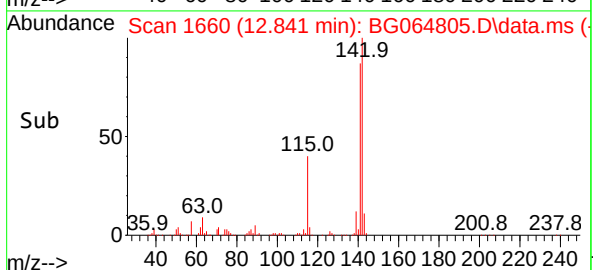
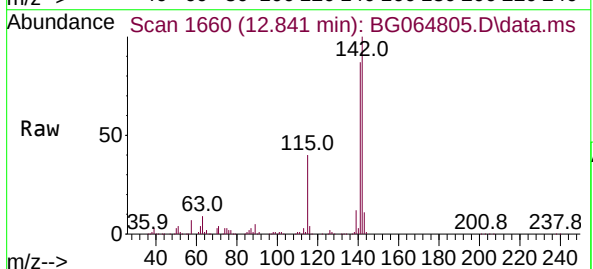
Manual Integrations
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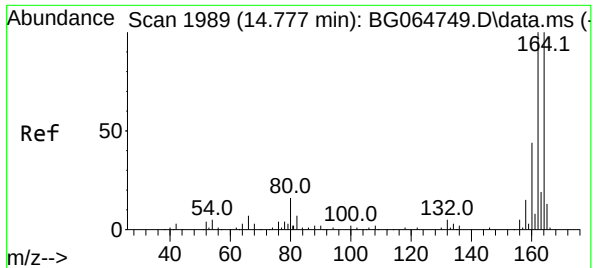
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#38
1-Methylnaphthalene
Concen: 42.510 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:142 Resp: 349765
Ion Ratio Lower Upper
142 100
141 87.0 70.8 106.2
116 4.1 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:164 Resp: 155870

Ion Ratio Lower Upper

164 100

162 103.4 79.8 119.6

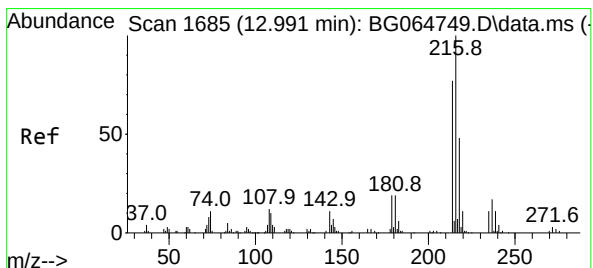
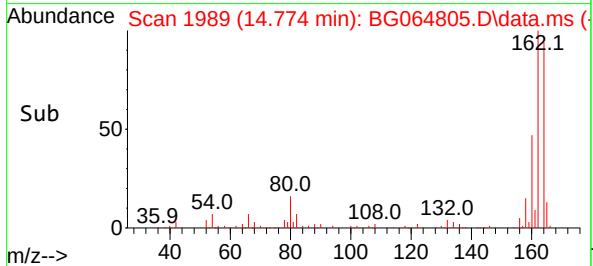
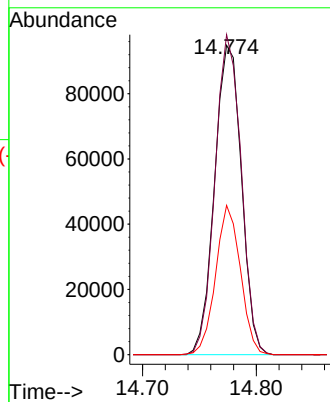
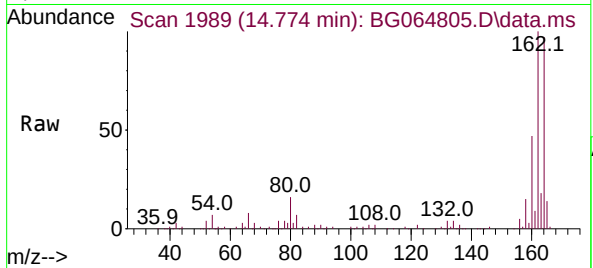
160 48.2 34.9 52.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.979 ng

RT: 12.988 min Scan# 1685

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Tgt Ion:216 Resp: 278911

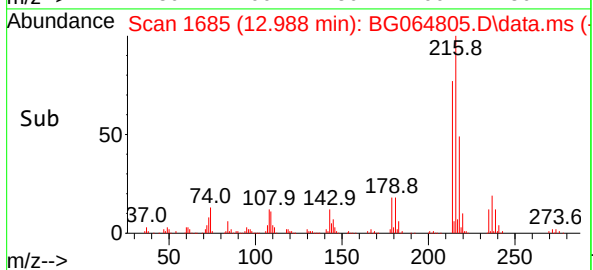
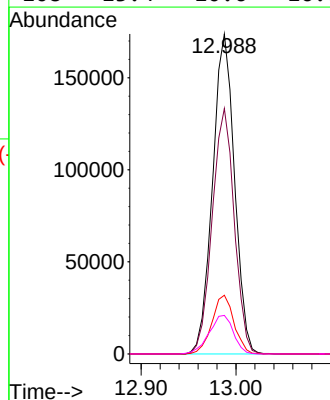
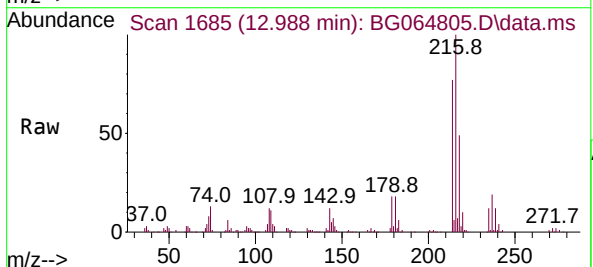
Ion Ratio Lower Upper

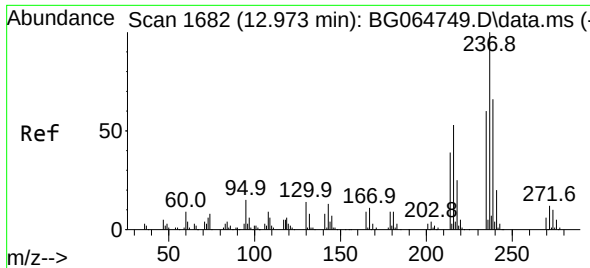
216 100

214 77.0 60.5 90.7

179 18.4 14.7 22.1

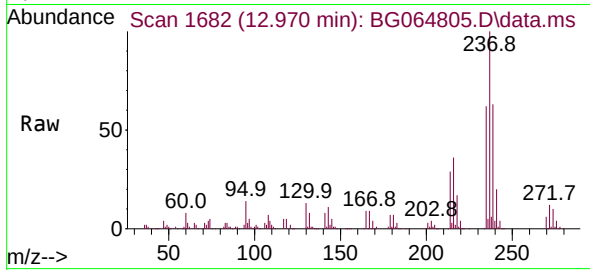
108 13.4 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 51.450 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

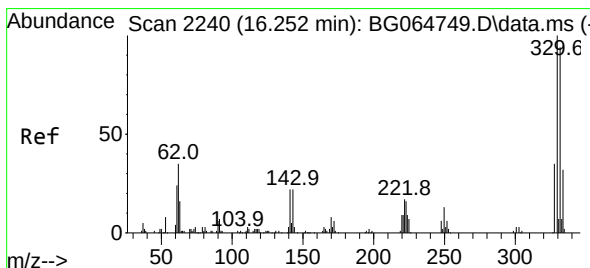
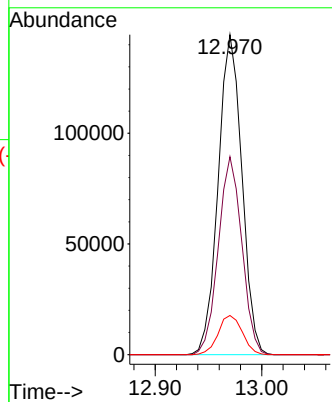
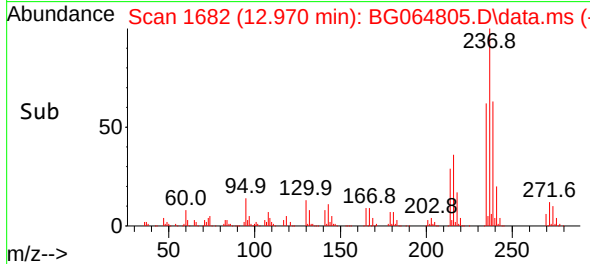
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



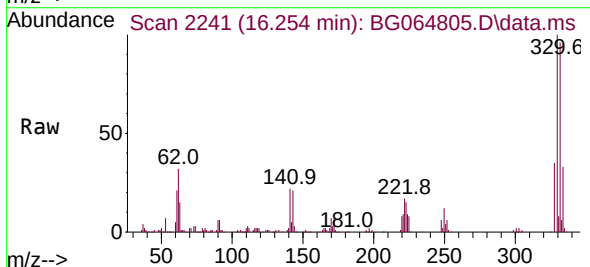
Tgt Ion: 237 Resp: 223701
Ion Ratio Lower Upper
237 100
235 61.8 40.2 80.2
272 12.2 0.0 31.9

Manual Integrations
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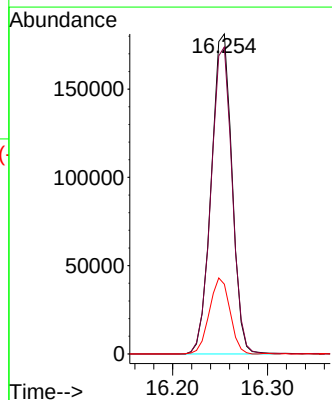
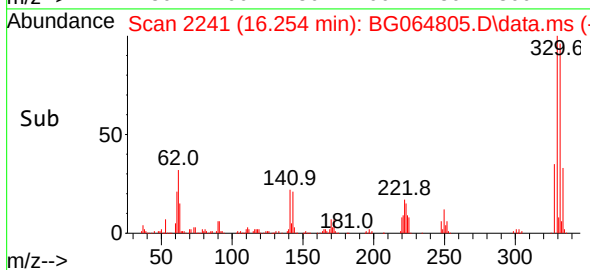
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

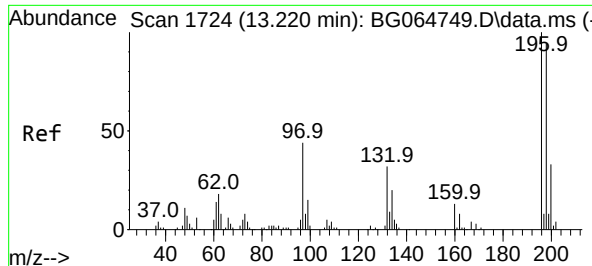


#42
2,4,6-Tribromophenol
Concen: 90.768 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion: 330 Resp: 275931
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 23.5 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 48.965 ng

RT: 13.217 min Scan# 1724

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

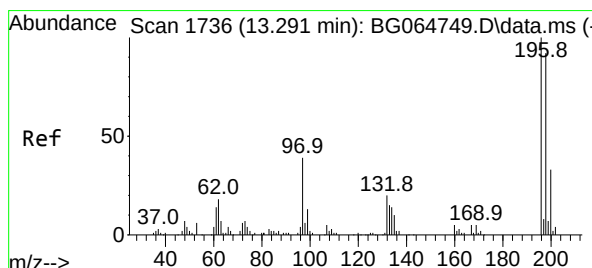
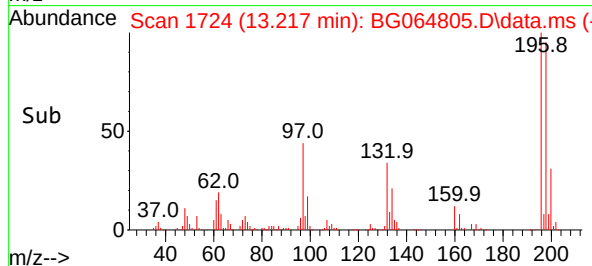
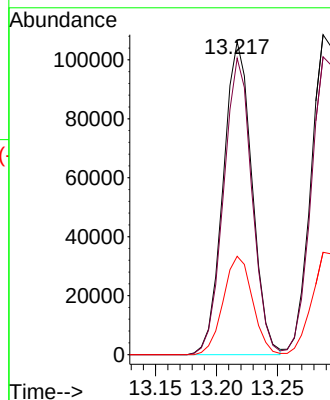
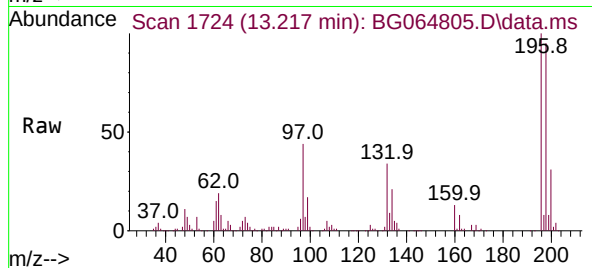
Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:196	Resp:	17432
Ion Ratio	Lower	Upper
196	100	
198	94.8	75.3 112.9
200	31.4	26.2 39.2

Manual Integrations
APPROVEDReviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

#44

2,4,5-Trichlorophenol

Concen: 47.907 ng

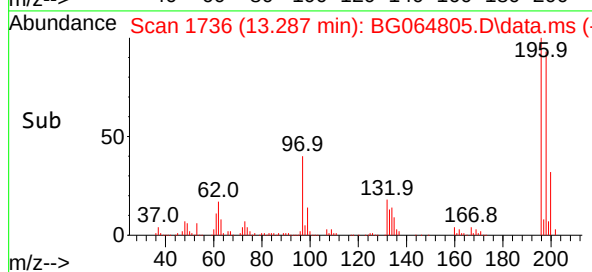
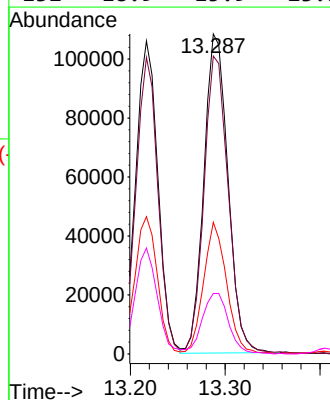
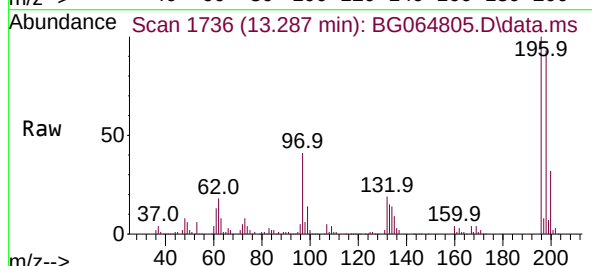
RT: 13.287 min Scan# 1736

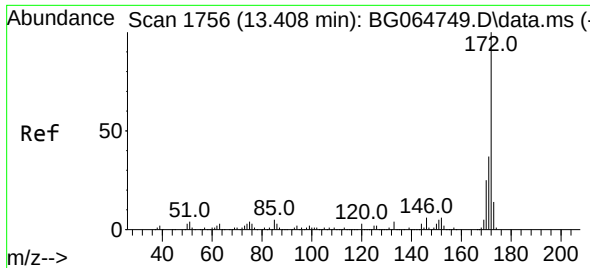
Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Tgt Ion:196	Resp:	191296
Ion Ratio	Lower	Upper
196	100	
198	93.1	73.2 109.8
97	41.1	31.4 47.0
132	18.9	15.9 23.9





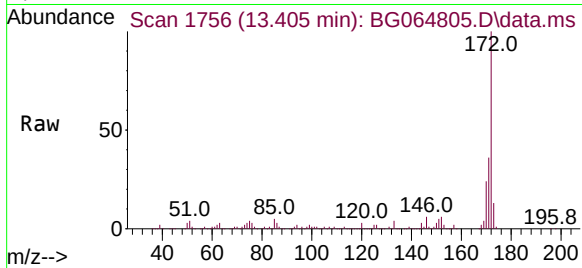
#45
2-Fluorobiphenyl
Concen: 59.279 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

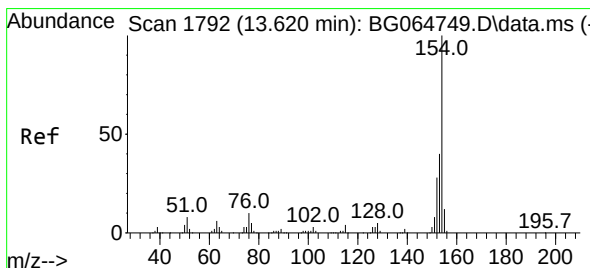
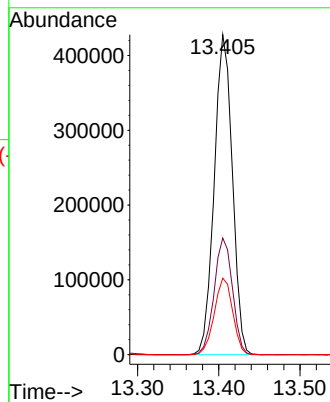
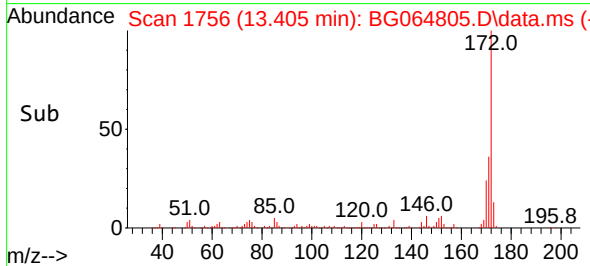


Tgt Ion:172 Resp: 662190
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 23.9 19.8 29.6

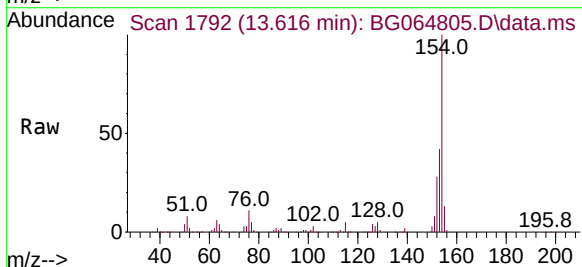
Manual Integrations

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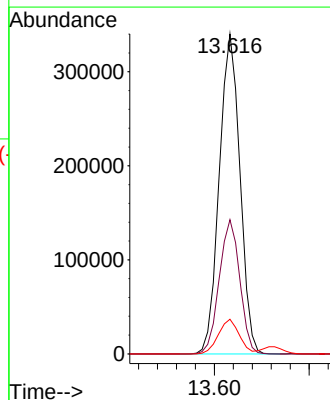
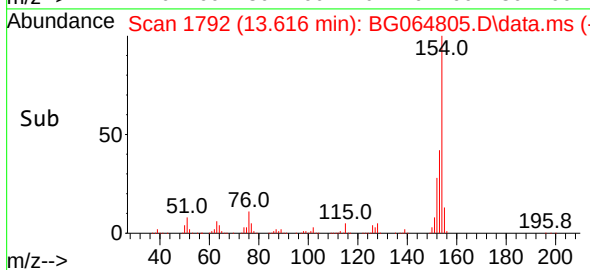
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

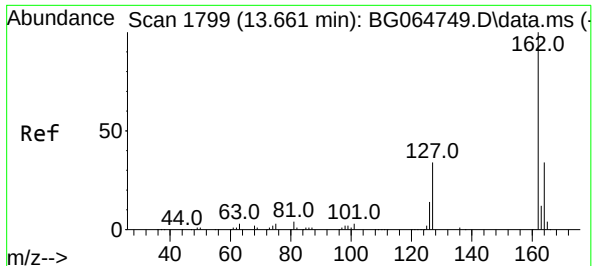


#46
1,1'-Biphenyl
Concen: 46.006 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:154 Resp: 515038
Ion Ratio Lower Upper
154 100
153 41.9 19.8 59.8
76 10.8 0.0 30.0





#47

2-Chloronaphthalene

Concen: 45.521 ng

RT: 13.663 min Scan# 18

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:162 Resp: 401490

Ion Ratio Lower Upper

162 100

127 37.8 30.3 45.5

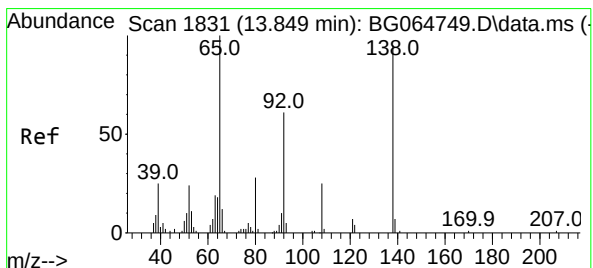
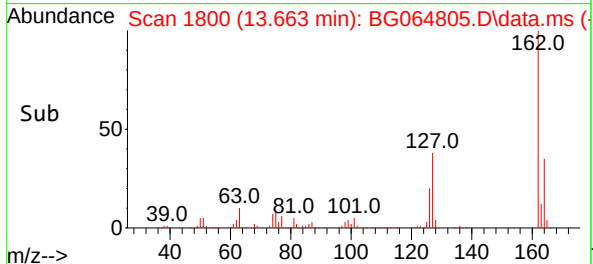
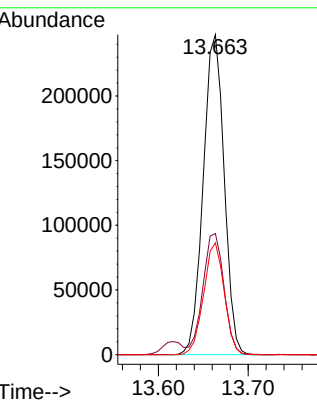
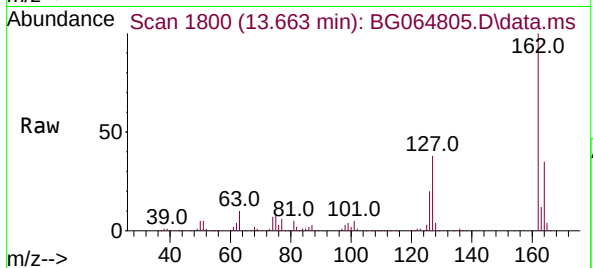
164 34.9 26.8 40.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#48

2-Nitroaniline

Concen: 47.464 ng

RT: 13.851 min Scan# 1832

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

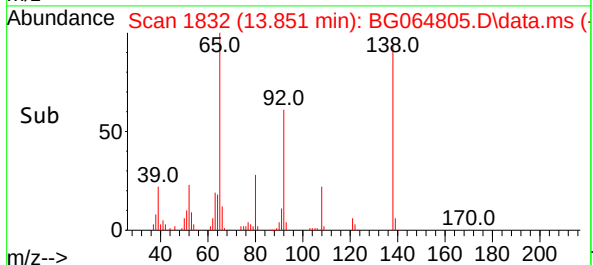
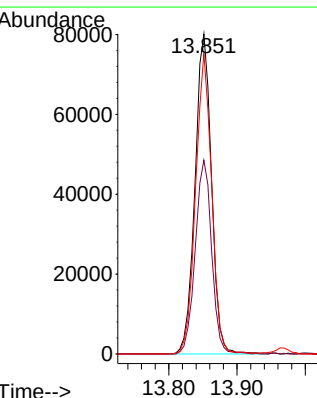
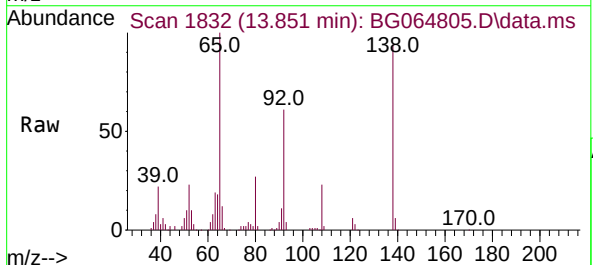
Tgt Ion: 65 Resp: 134647

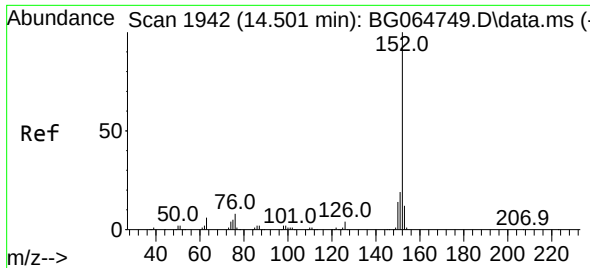
Ion Ratio Lower Upper

65 100

92 60.5 48.6 73.0

138 93.9 76.4 114.6





#49

Acenaphthylene

Concen: 45.912 ng

RT: 14.504 min Scan# 1942

Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

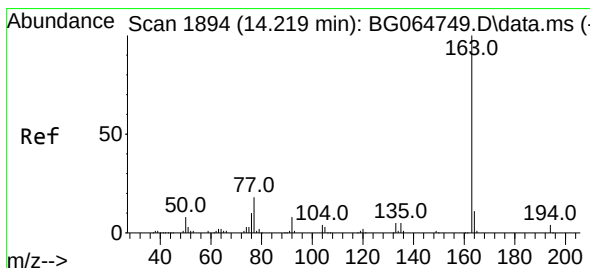
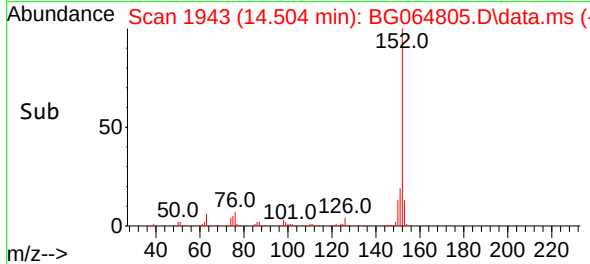
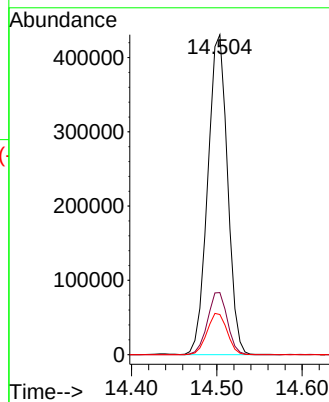
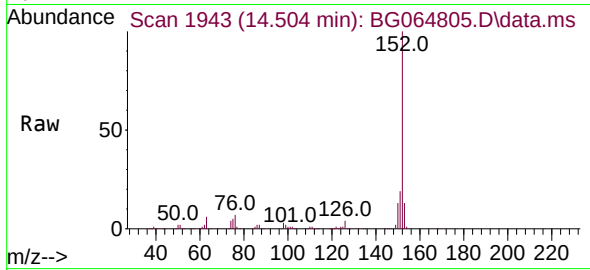
NB-07-111725MS

Tgt Ion:	152	Resp:	691802
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.0	22.4
153	12.5	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

Concen: 42.838 ng

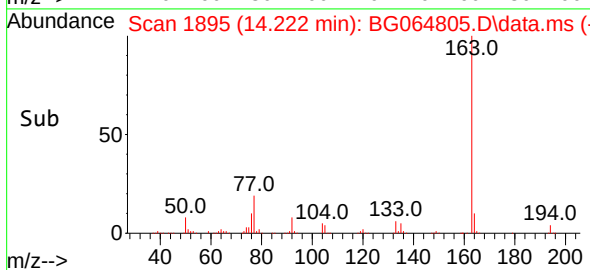
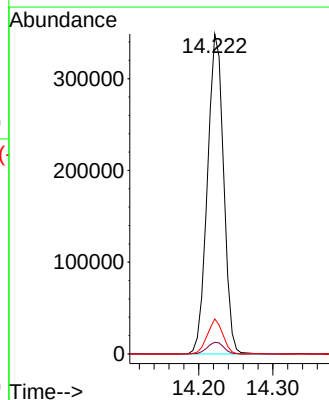
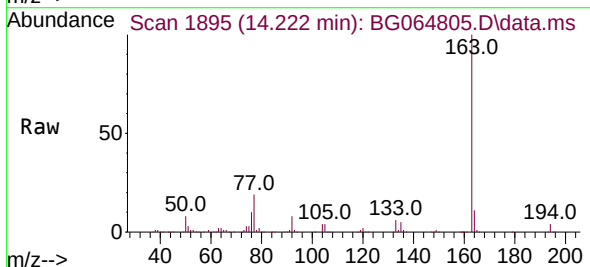
RT: 14.222 min Scan# 1895

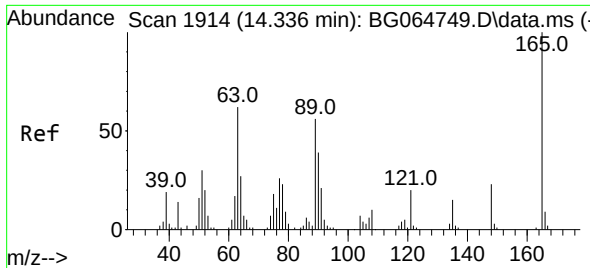
Delta R.T. 0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Tgt Ion:	163	Resp:	527447
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	10.9	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 47.507 ng
RT: 14.339 min Scan# 1914
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

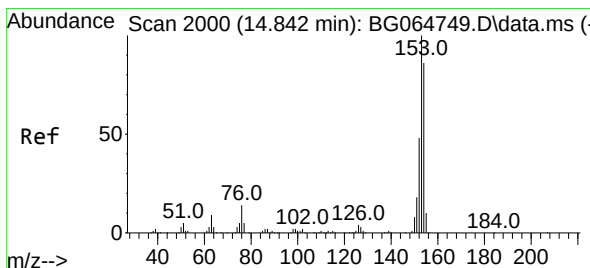
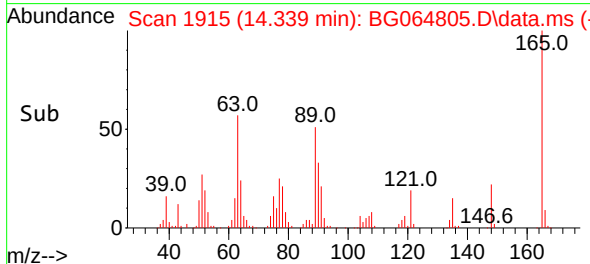
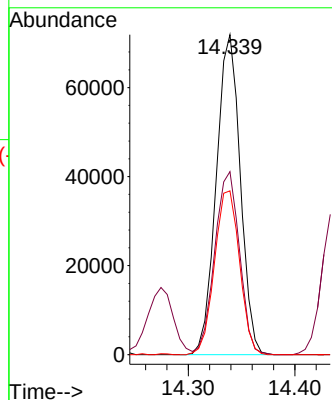
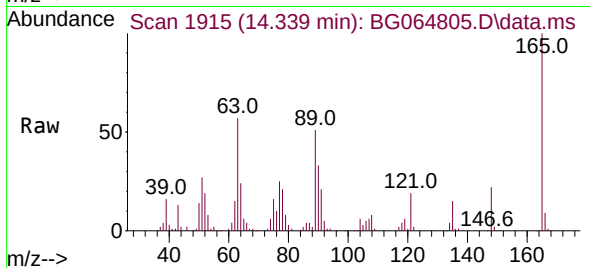
ClientSampleId :

NB-07-111725MS

Tgt Ion:165 Resp: 112556
Ion Ratio Lower Upper
165 100
63 57.2 49.8 74.8
89 51.2 45.0 67.4

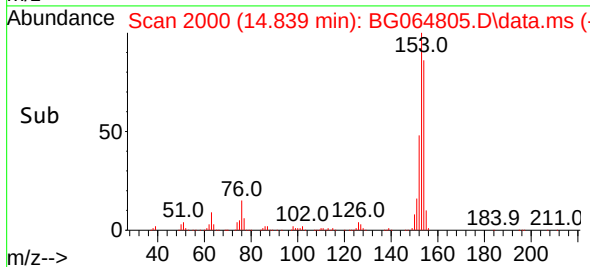
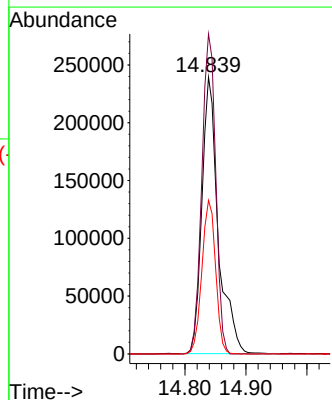
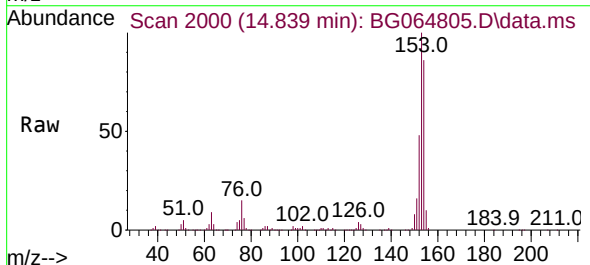
Manual Integrations
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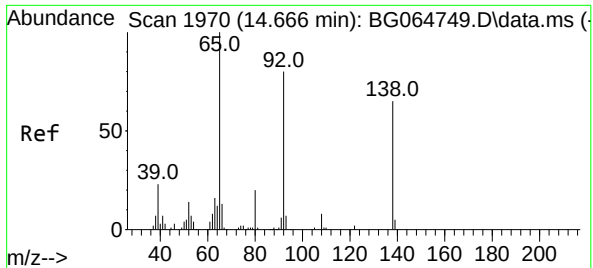
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#52
Acenaphthene
Concen: 49.313 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:154 Resp: 445517
Ion Ratio Lower Upper
154 100
153 115.7 93.0 139.4
152 55.5 44.4 66.6





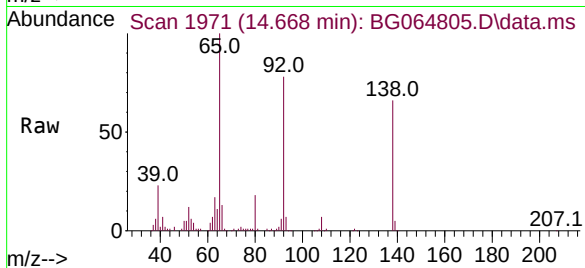
#53
3-Nitroaniline
Concen: 28.336 ng
RT: 14.668 min Scan# 1970
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

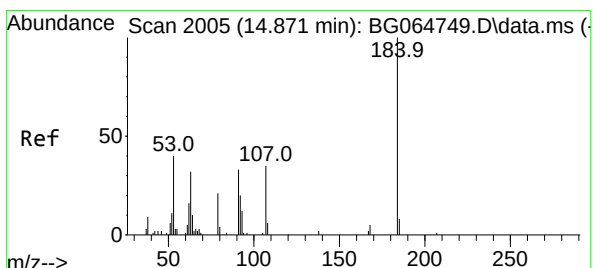
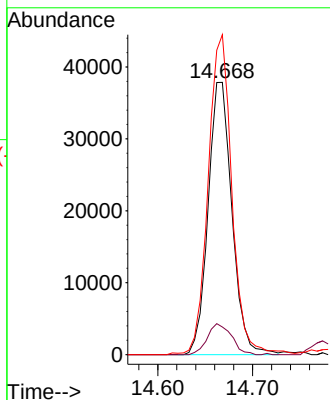
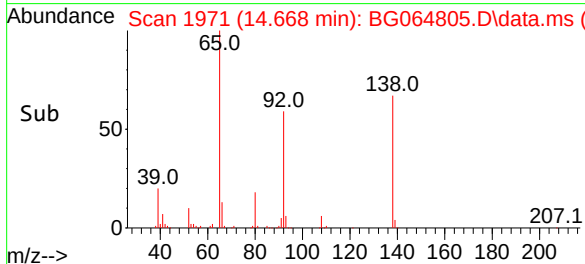
NB-07-111725MS



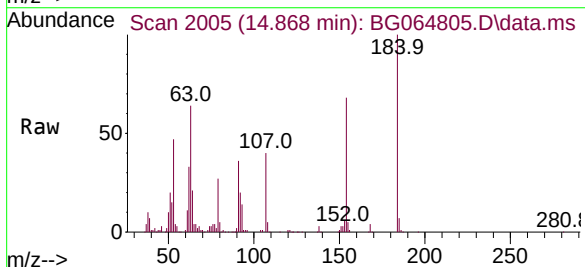
Tgt Ion:138 Resp: 66262
Ion Ratio Lower Upper
138 100
108 10.1 9.5 14.3
92 117.6 99.0 148.4

Manual Integrations
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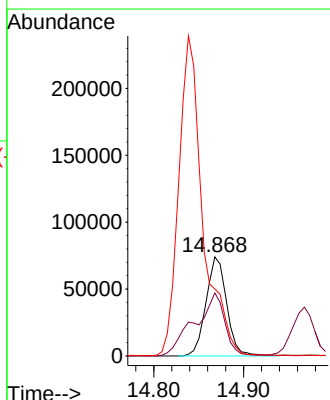
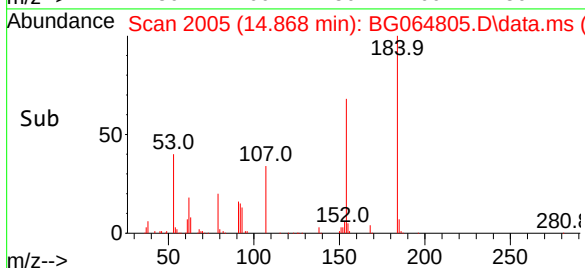
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

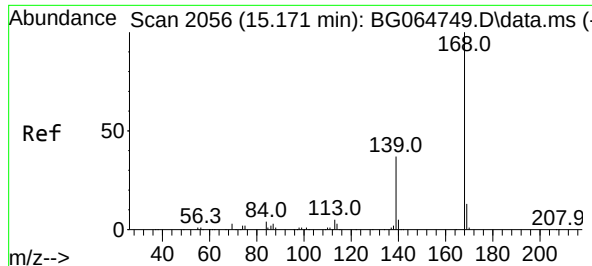


#54
2,4-Dinitrophenol
Concen: 73.554 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:184 Resp: 118117
Ion Ratio Lower Upper
184 100
63 63.7 45.8 68.6
154 67.6 52.6 78.8





#55

Dibenzofuran

Concen: 45.064 ng

RT: 15.168 min Scan# 2056

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:168 Resp: 673078

Ion Ratio Lower Upper

168 100

139 35.4 29.5 44.3

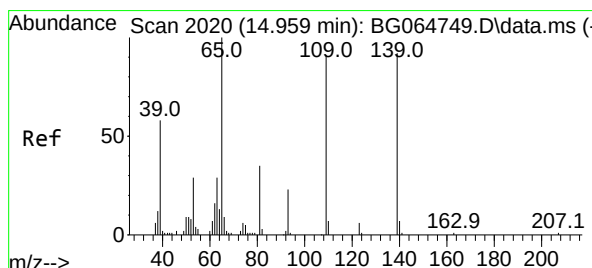
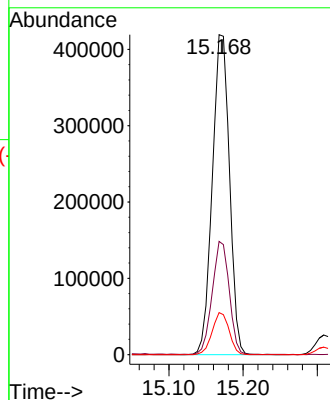
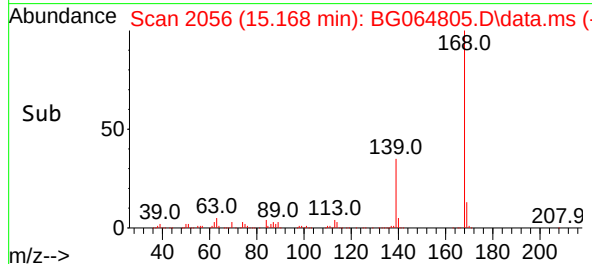
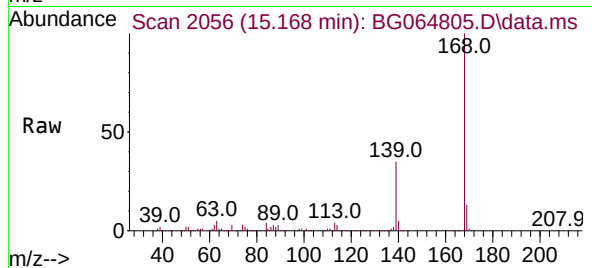
169 13.1 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 93.348 ng

RT: 14.968 min Scan# 2022

Delta R.T. 0.008 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

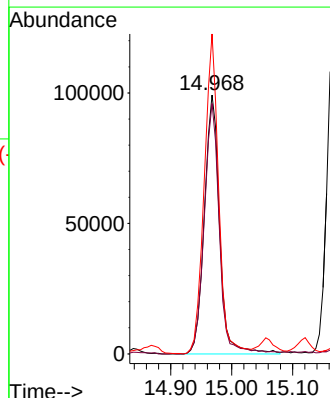
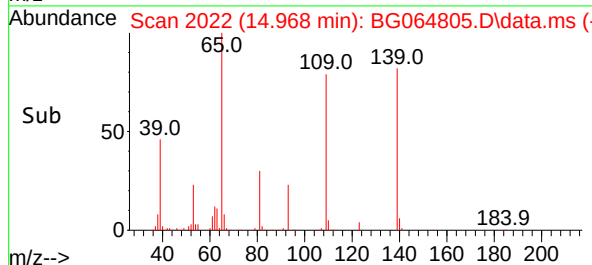
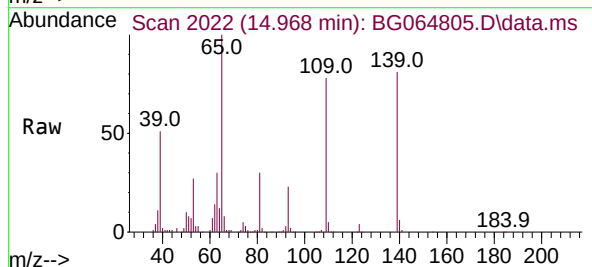
Tgt Ion:139 Resp: 173189

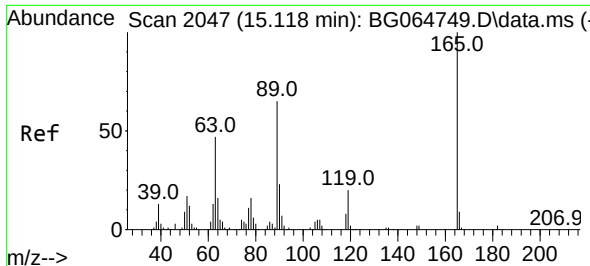
Ion Ratio Lower Upper

139 100

109 96.8 79.7 119.7

65 123.6 89.9 129.9





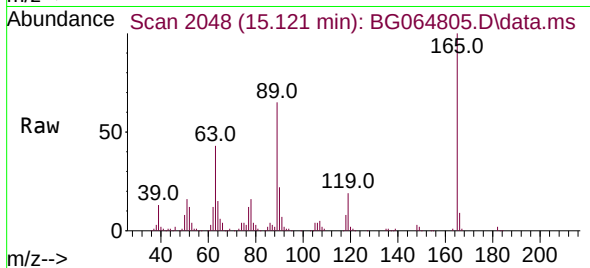
#57
2,4-Dinitrotoluene
Concen: 46.373 ng
RT: 15.121 min Scan# 2047
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

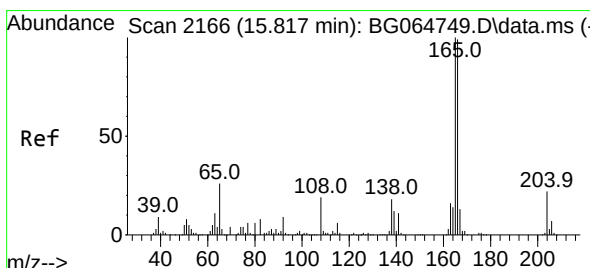
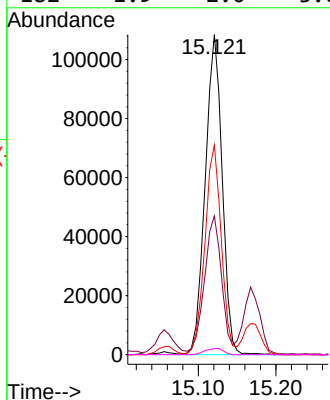
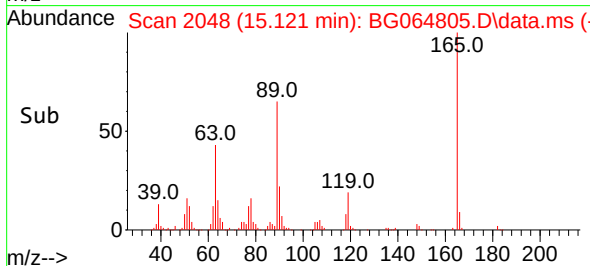
NB-07-111725MS



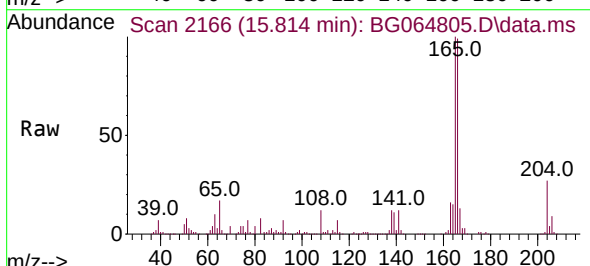
Tgt Ion:165 Resp: 164718
Ion Ratio Lower Upper
165 100
63 43.3 37.8 56.6
89 65.5 51.6 77.4
182 1.9 2.0 3.0#

Manual Integrations
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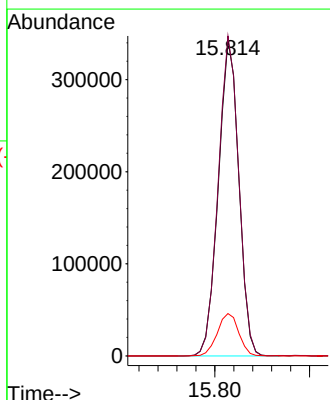
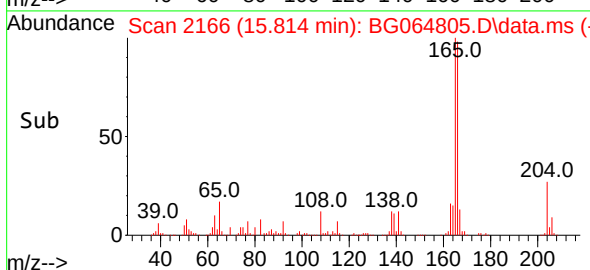
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

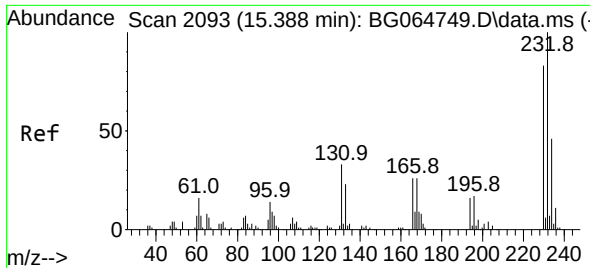


#58
Fluorene
Concen: 43.926 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion:166 Resp: 514570
Ion Ratio Lower Upper
166 100
165 101.3 80.5 120.7
167 13.4 10.3 15.5





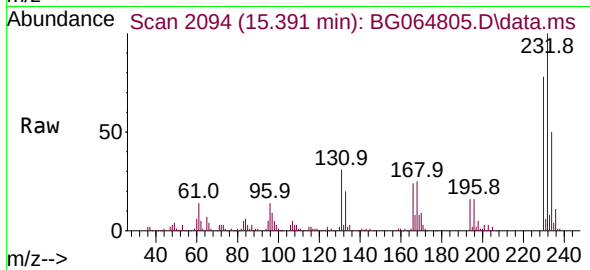
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.728 ng
RT: 15.391 min Scan# 2093
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

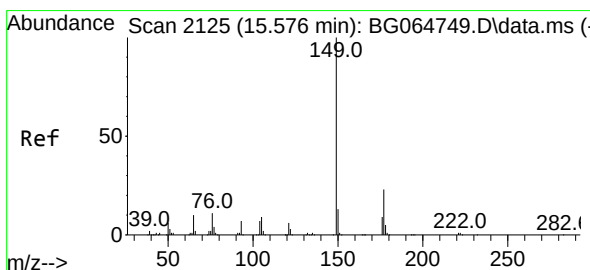
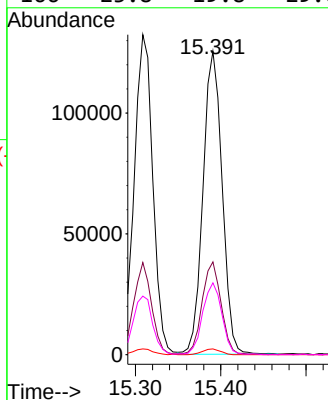
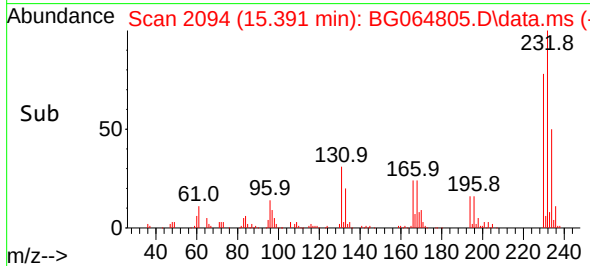


Tgt Ion:232 Resp: 195914
Ion Ratio Lower Upper
232 100
131 30.4 26.0 39.0
130 1.7 1.6 2.4
166 23.8 19.8 29.6

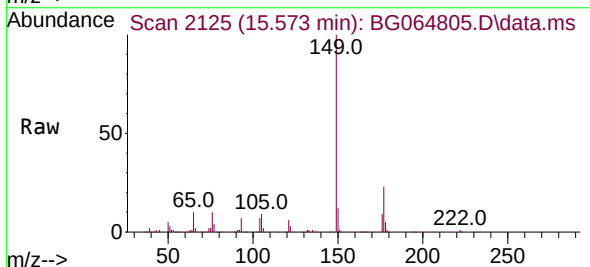
Manual Integrations

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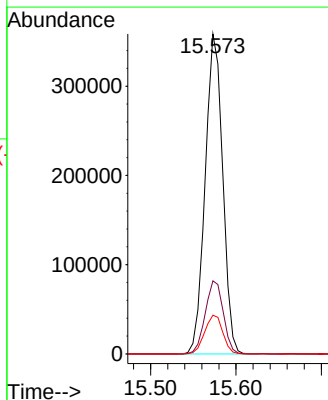
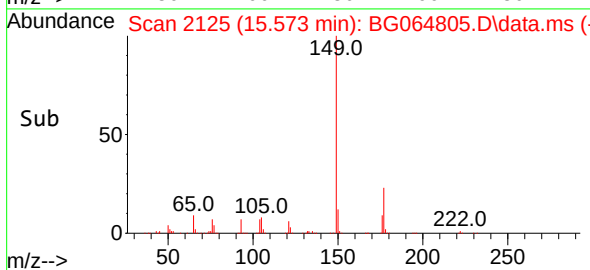
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

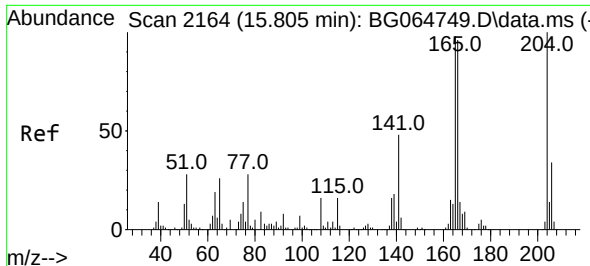


#60
Diethylphthalate
Concen: 43.332 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



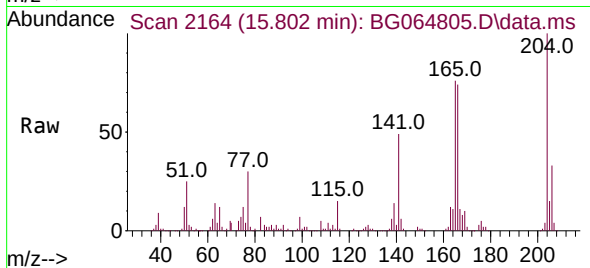
Tgt Ion:149 Resp: 511099
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.789 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

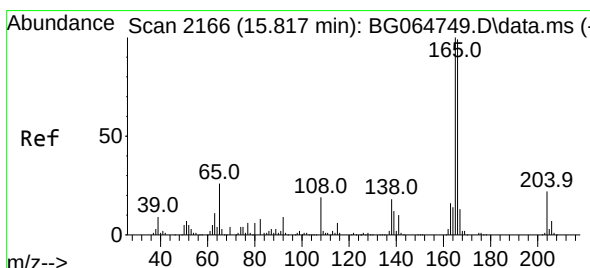
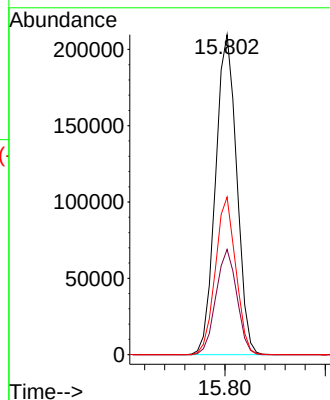
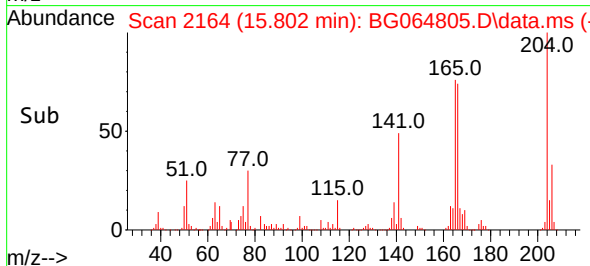
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



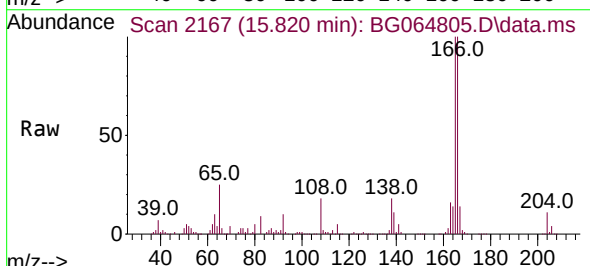
Tgt Ion:204 Resp: 307850
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 49.2 38.1 57.1

Manual Integrations
APPROVED

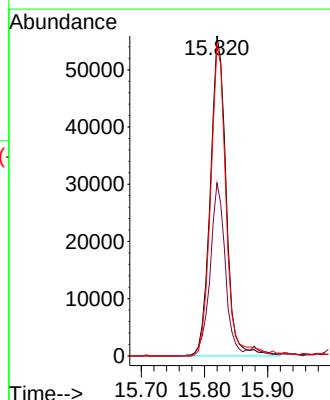
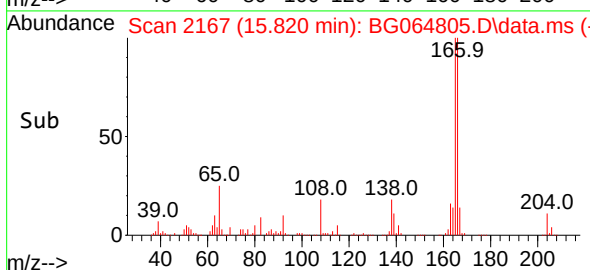
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

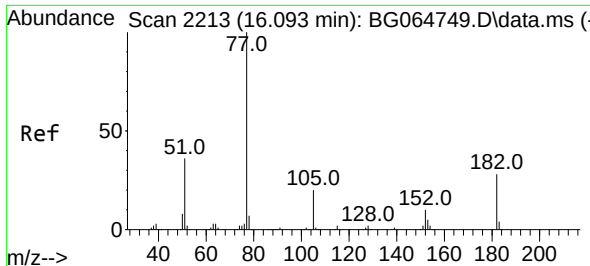


#62
4-Nitroaniline
Concen: 40.116 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



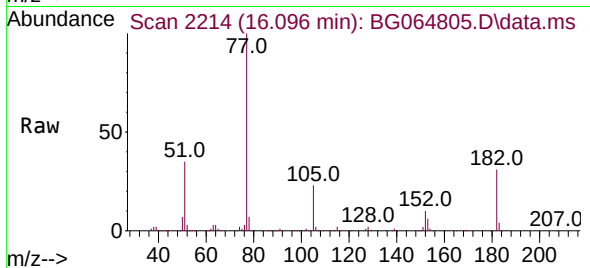
Tgt Ion:138 Resp: 97181
Ion Ratio Lower Upper
138 100
92 54.0 30.7 70.7
108 97.0 85.7 125.7





#63
Azobenzene
Concen: 50.467 ng
RT: 16.096 min Scan# 2213
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

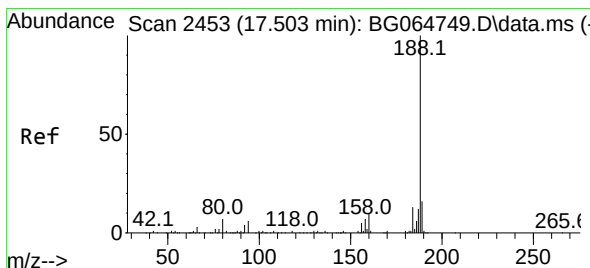
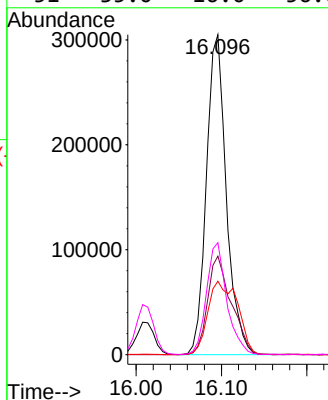
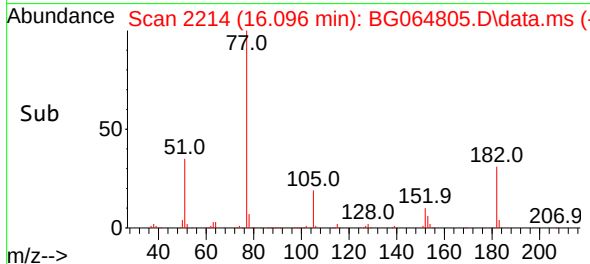
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion: 77 Resp: 495116
Ion Ratio Lower Upper
77 100
182 30.8 8.1 48.1
105 22.9 0.1 40.1
51 35.0 16.0 56.0

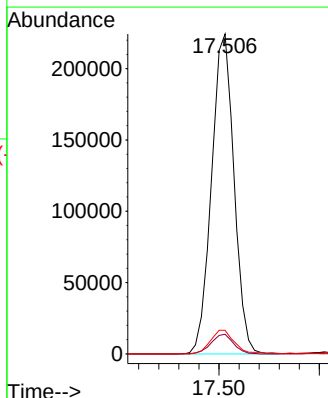
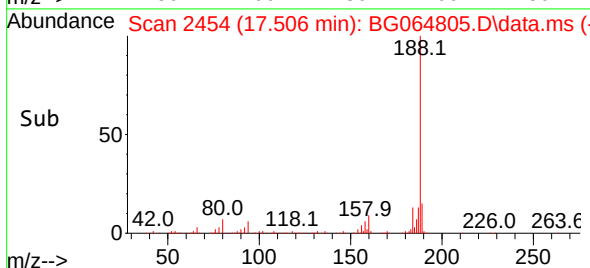
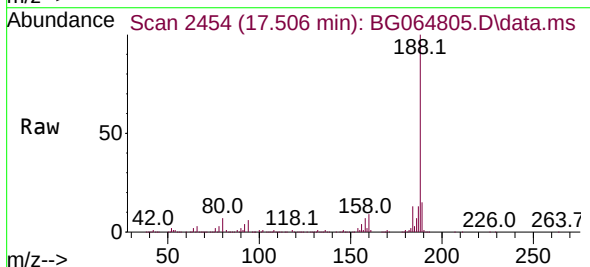
Manual Integrations
APPROVED

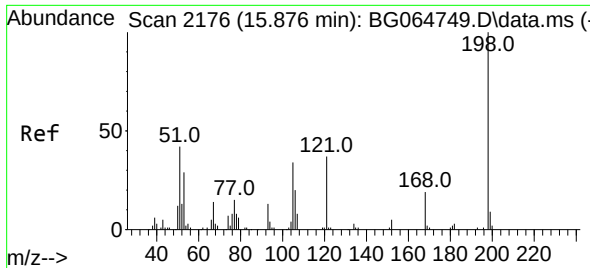
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

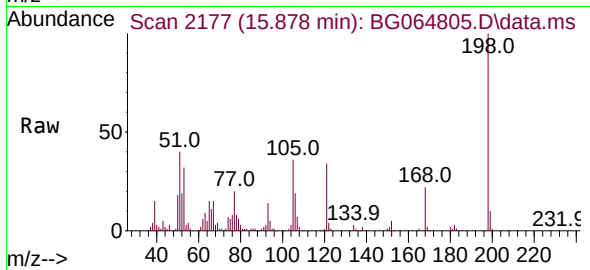
Tgt Ion:188 Resp: 348676
Ion Ratio Lower Upper
188 100
94 6.1 4.7 7.1
80 7.4 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 45.688 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

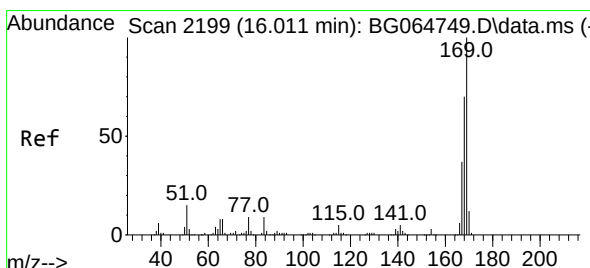
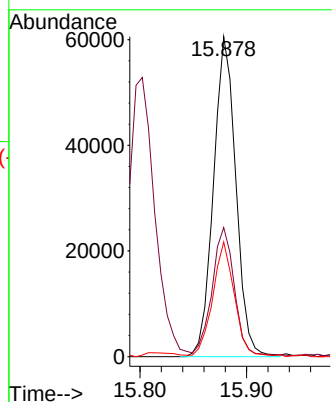
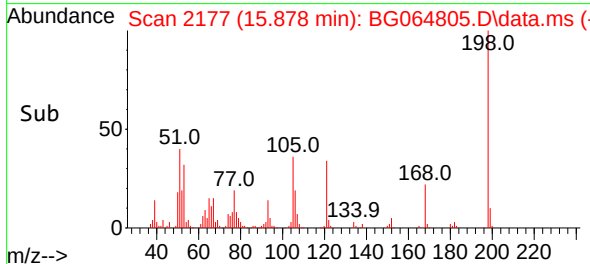
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



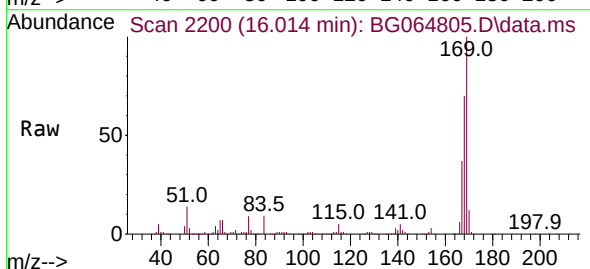
Tgt Ion:198 Resp: 88449
Ion Ratio Lower Upper
198 100
51 40.3 25.2 65.2
105 35.8 14.2 54.2

Manual Integrations
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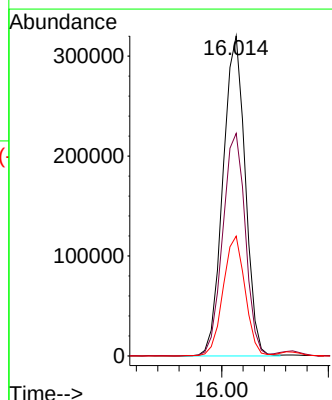
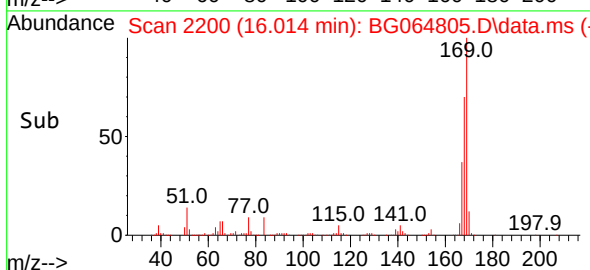
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

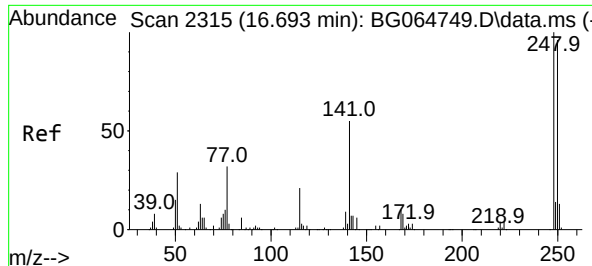


#66
n-Nitrosodiphenylamine
Concen: 50.797 ng
RT: 16.014 min Scan# 2200
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



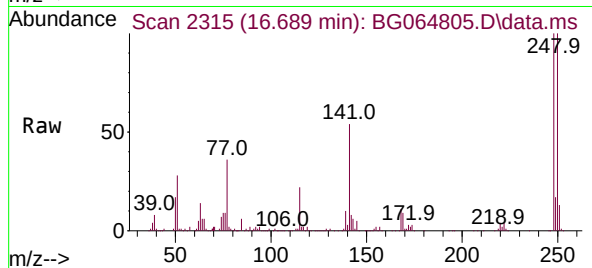
Tgt Ion:169 Resp: 463930
Ion Ratio Lower Upper
169 100
168 69.5 55.9 83.9
167 37.4 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 49.466 ng
RT: 16.689 min Scan# 2315
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

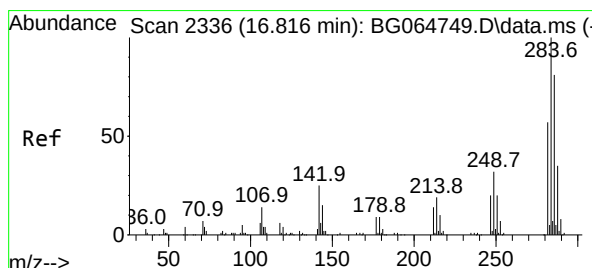
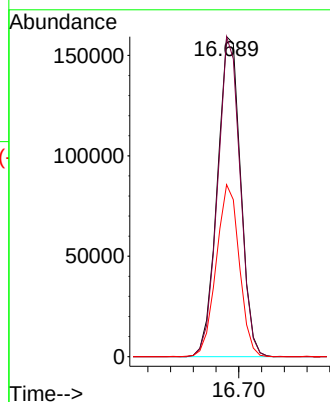
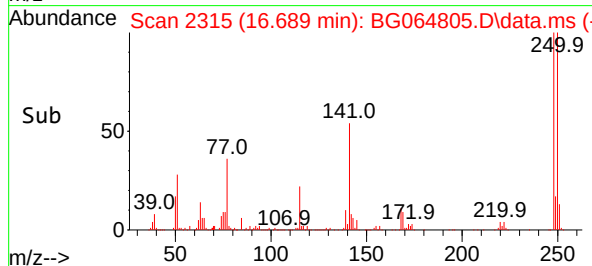
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



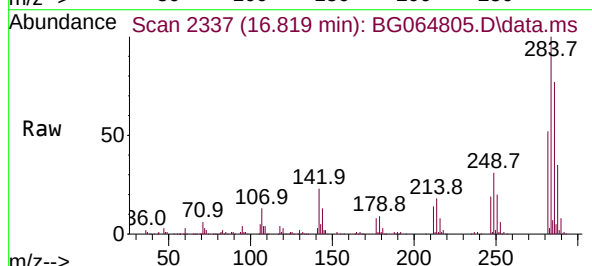
Tgt Ion:248 Resp: 226501
Ion Ratio Lower Upper
248 100
250 100.0 77.0 115.6
141 53.8 43.7 65.5

Manual Integrations
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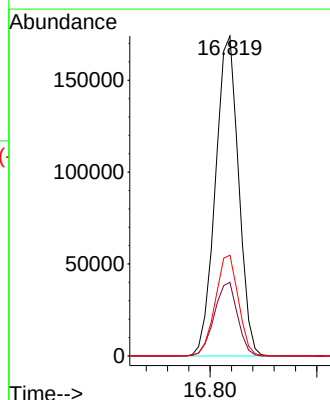
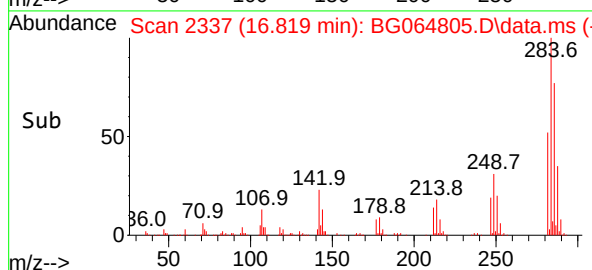
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

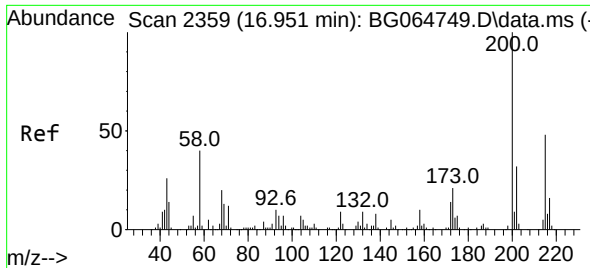


#68
Hexachlorobenzene
Concen: 47.369 ng
RT: 16.819 min Scan# 2337
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



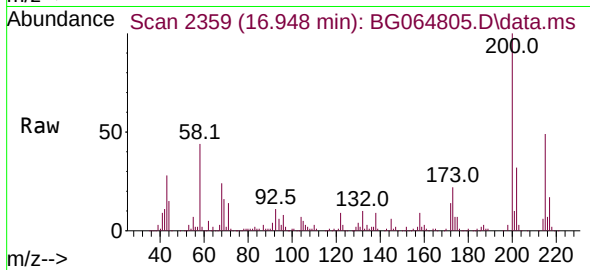
Tgt Ion:284 Resp: 262785
Ion Ratio Lower Upper
284 100
142 23.0 19.7 29.5
249 33.9 28.1 42.1





#69
Atrazine
Concen: 45.686 ng
RT: 16.948 min Scan# 2359
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

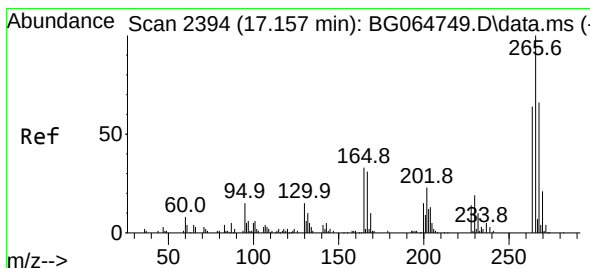
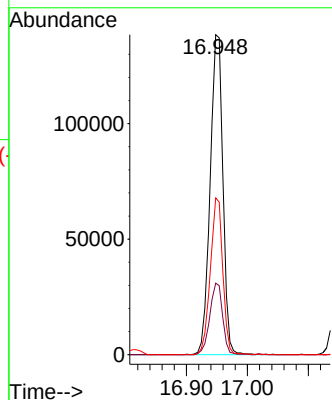
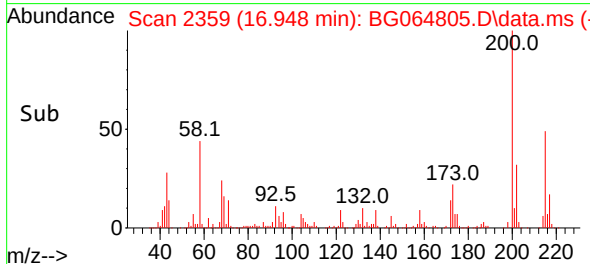
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



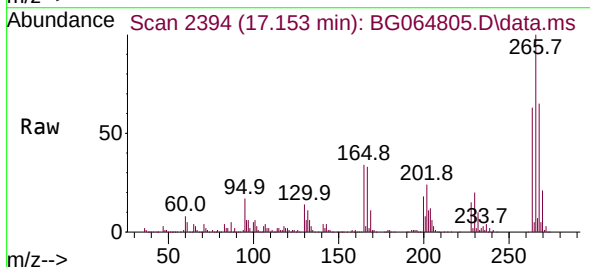
Tgt Ion:200 Resp: 201168
Ion Ratio Lower Upper
200 100
173 22.3 0.9 40.9
215 49.0 27.5 67.5

Manual Integrations
APPROVED

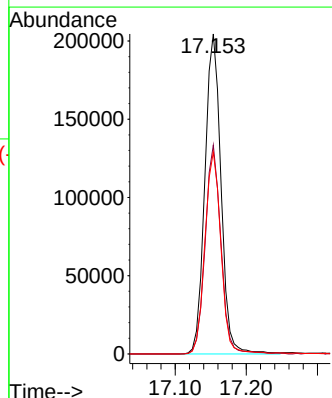
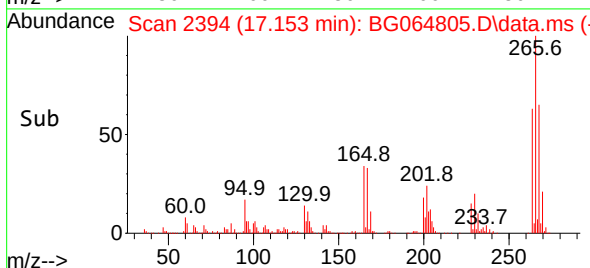
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

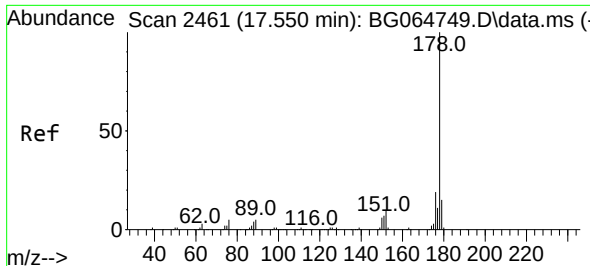


#70
Pentachlorophenol
Concen: 96.485 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



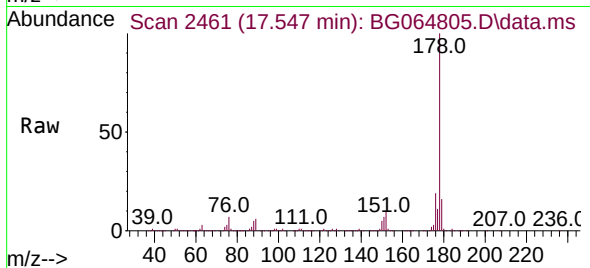
Tgt Ion:266 Resp: 321249
Ion Ratio Lower Upper
266 100
268 70.1 56.1 84.1
264 63.1 51.2 76.8





#71
Phenanthrene
Concen: 46.477 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

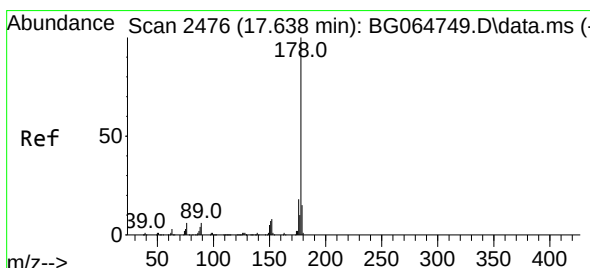
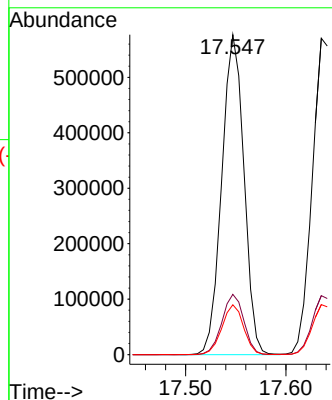
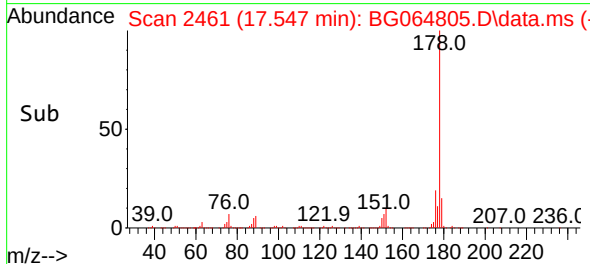
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:178 Resp: 886662
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.6 12.2 18.4

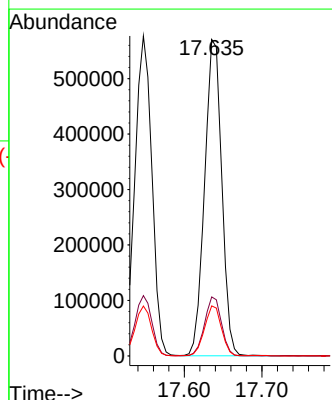
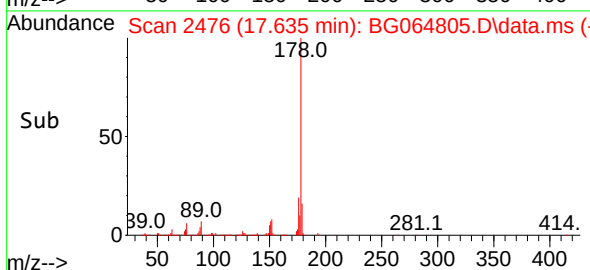
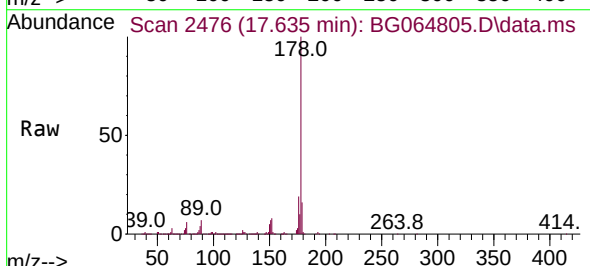
Manual Integrations
APPROVED

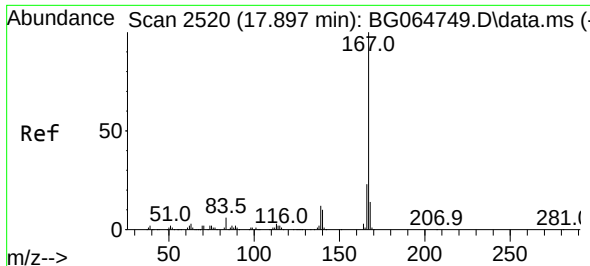
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#72
Anthracene
Concen: 45.096 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

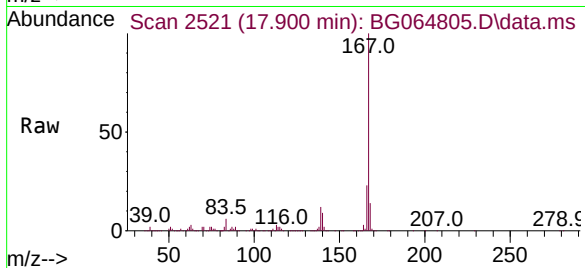
Tgt Ion:178 Resp: 877242
Ion Ratio Lower Upper
178 100
176 18.6 14.5 21.7
179 15.8 12.2 18.4





#73
Carbazole
Concen: 43.355 ng
RT: 17.900 min Scan# 2520
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

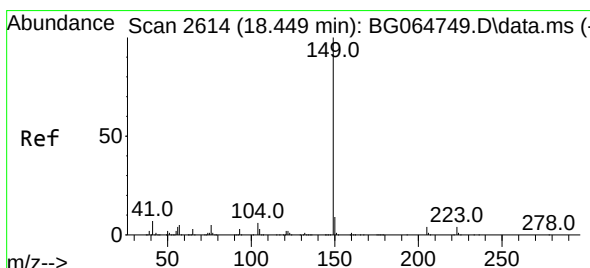
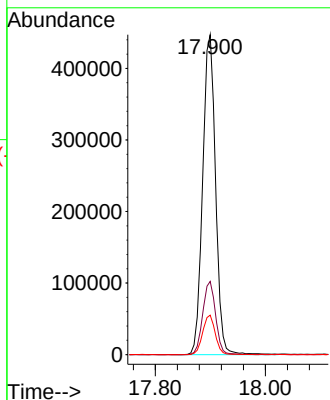
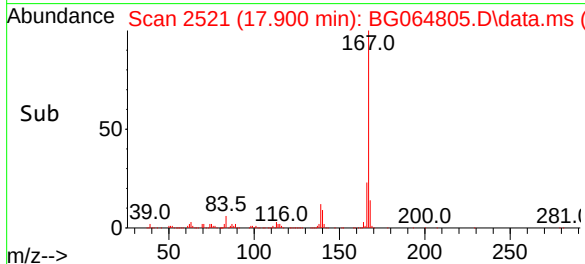
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:167 Resp: 725006
Ion Ratio Lower Upper
167 100
166 22.9 18.0 27.0
139 12.3 9.7 14.5

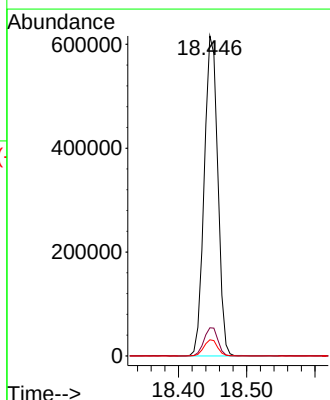
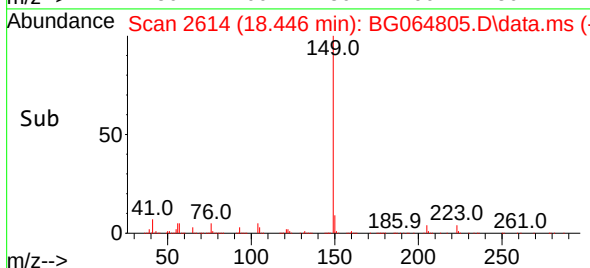
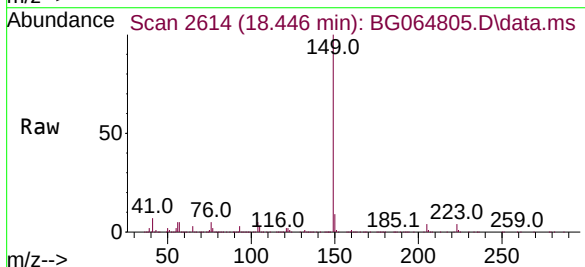
Manual Integrations
APPROVED

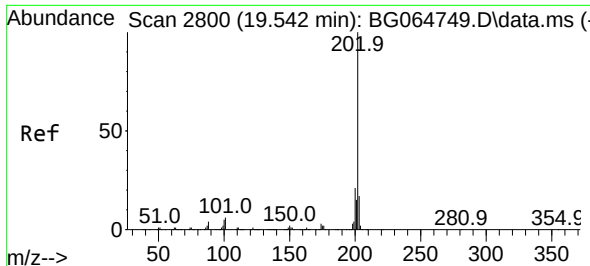
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#74
Di-n-butylphthalate
Concen: 45.607 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

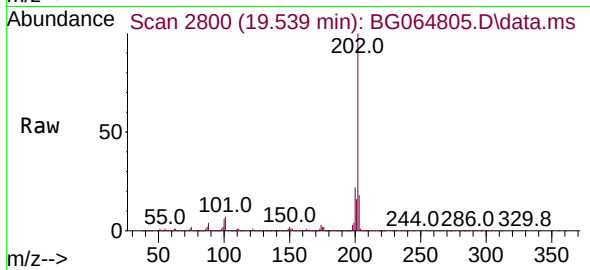
Tgt Ion:149 Resp: 850883
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 39.479 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

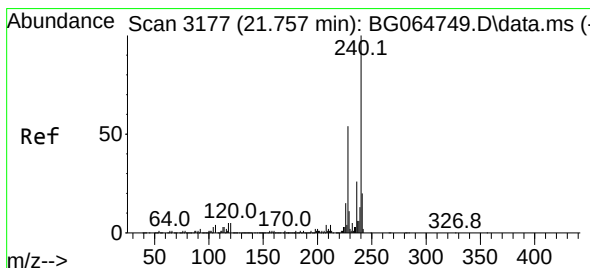
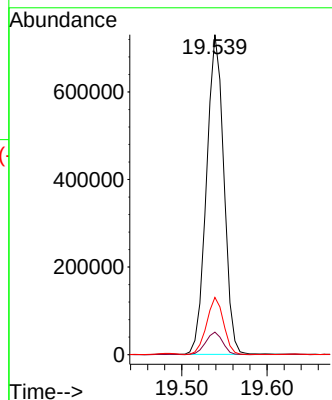
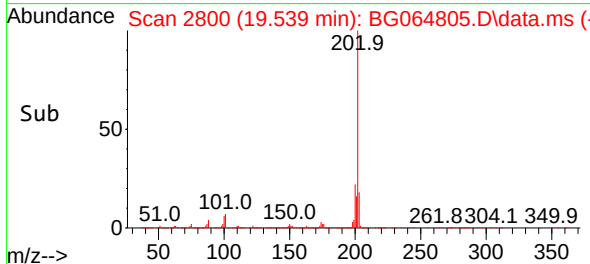
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:202 Resp: 102990
Ion Ratio Lower Upper
202 100
101 7.0 0.0 26.4
203 17.9 0.0 37.5

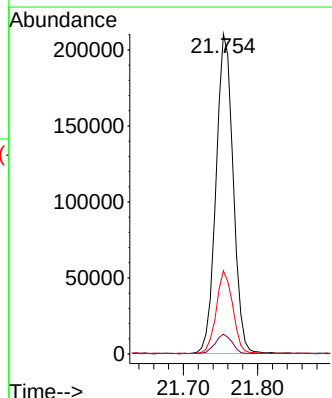
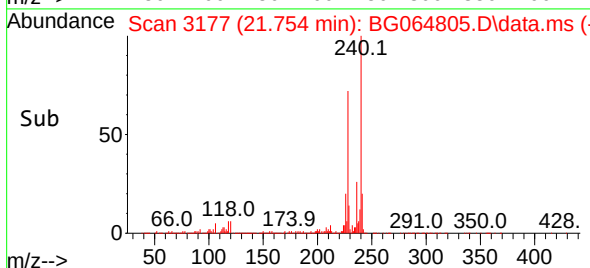
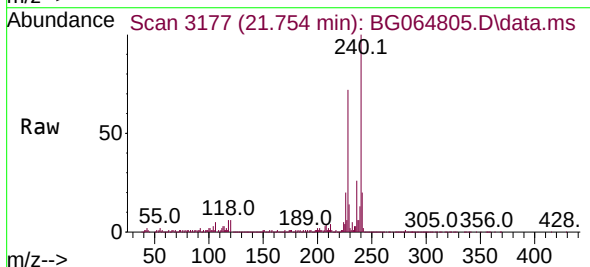
Manual Integrations
APPROVED

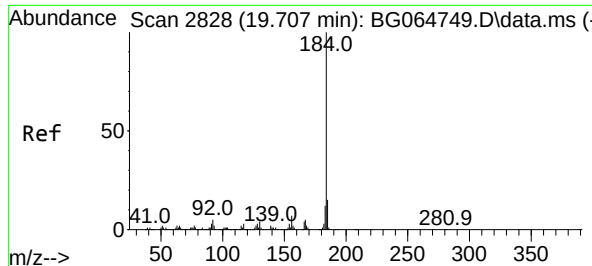
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

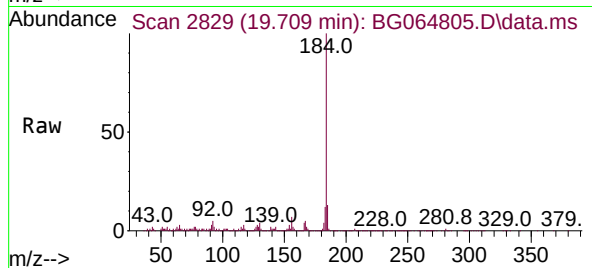
Tgt Ion:240 Resp: 336753
Ion Ratio Lower Upper
240 100
120 6.2 4.2 6.4
236 26.0 20.8 31.2





#77
Benzidine
Concen: 22.761 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

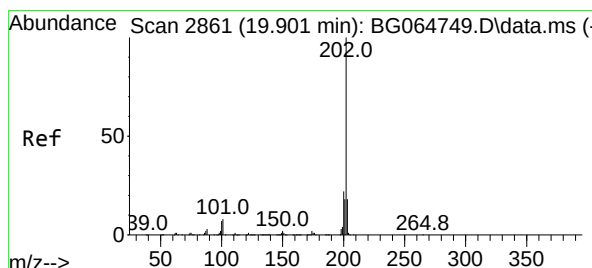
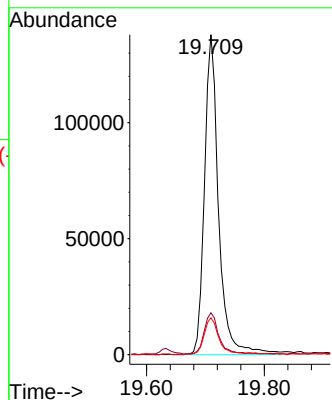
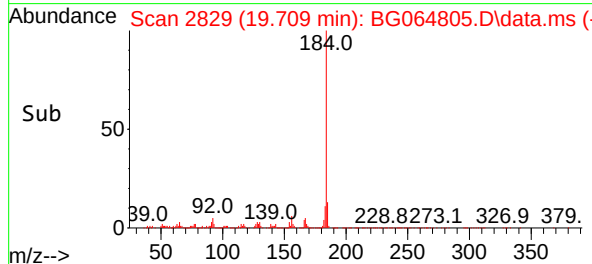
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:184 Resp: 229554
Ion Ratio Lower Upper
184 100
185 13.1 11.8 17.6
183 11.5 9.8 14.6

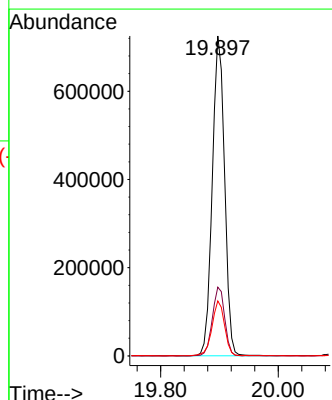
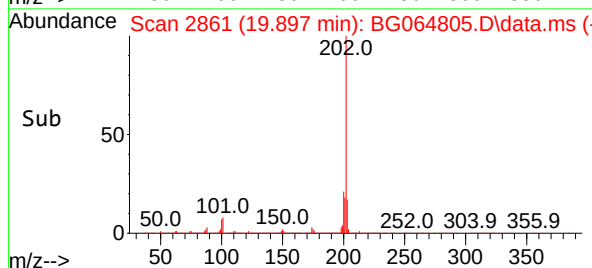
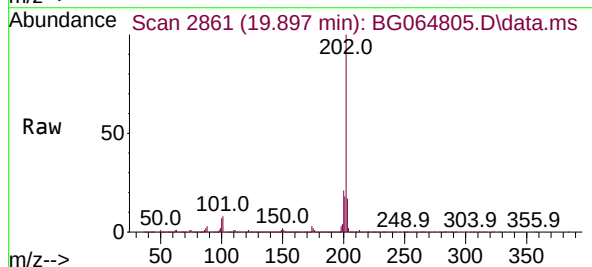
Manual Integrations
APPROVED

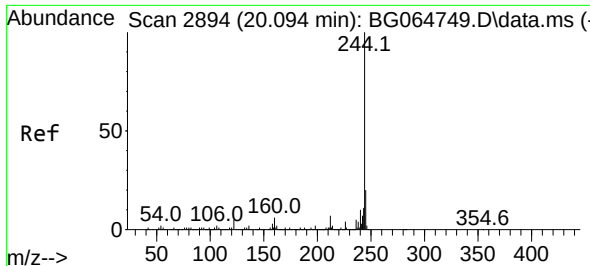
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 55.724 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion:202 Resp: 1051714
Ion Ratio Lower Upper
202 100
200 21.5 17.9 26.9
203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 73.373 ng

RT: 20.091 min Scan# 2894

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MS

Tgt Ion:244 Resp: 125610

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

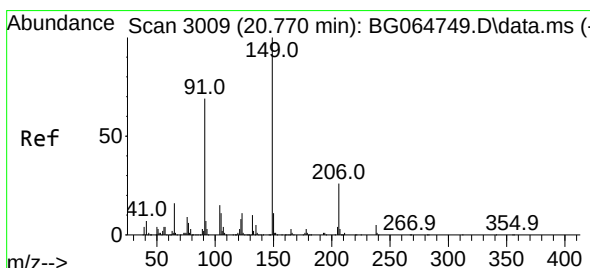
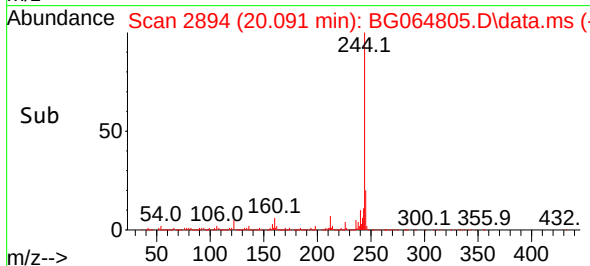
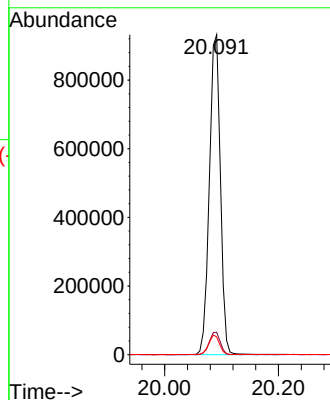
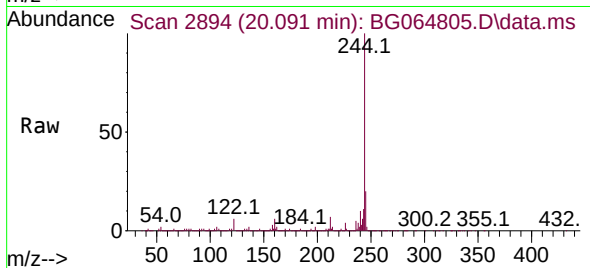
122 5.5 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#80

Butylbenzylphthalate

Concen: 51.293 ng

RT: 20.767 min Scan# 3009

Delta R.T. -0.003 min

Lab File: BG064805.D

Acq: 18 Nov 2025 16:21

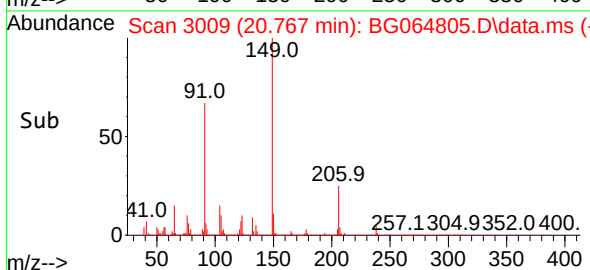
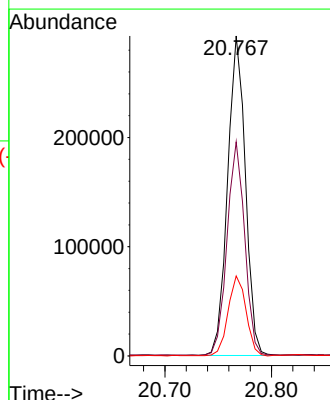
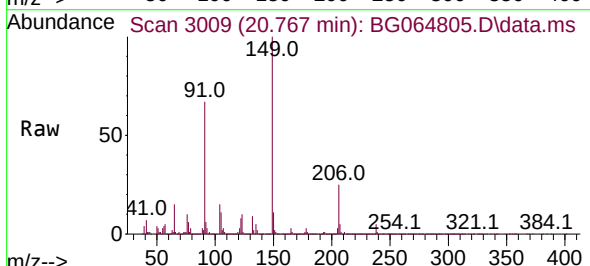
Tgt Ion:149 Resp: 340509

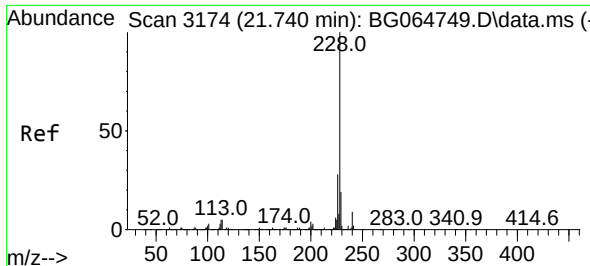
Ion Ratio Lower Upper

149 100

91 66.9 54.9 82.3

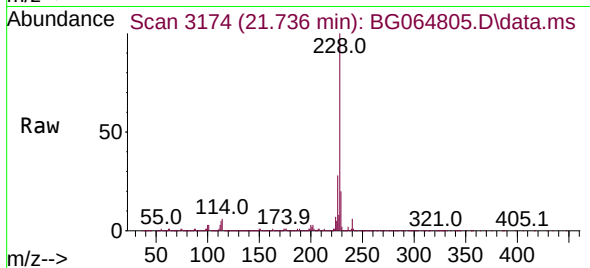
206 25.0 21.2 31.8





#81
Benzo(a)anthracene
Concen: 46.539 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

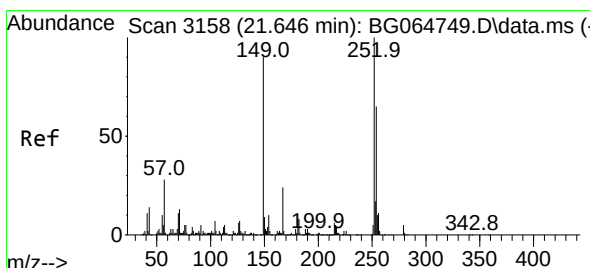
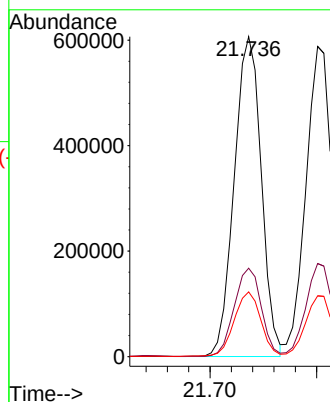
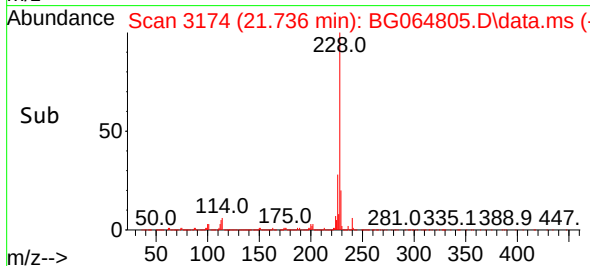
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion:228 Resp: 1065650
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.2 15.5 23.3

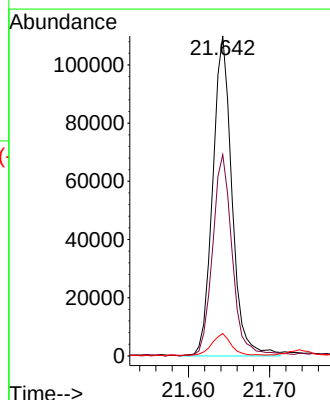
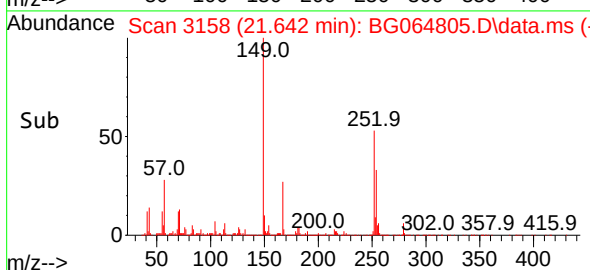
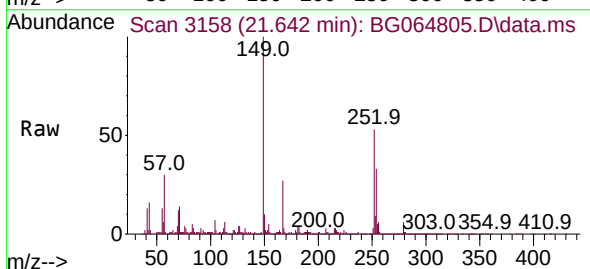
Manual Integrations
APPROVED

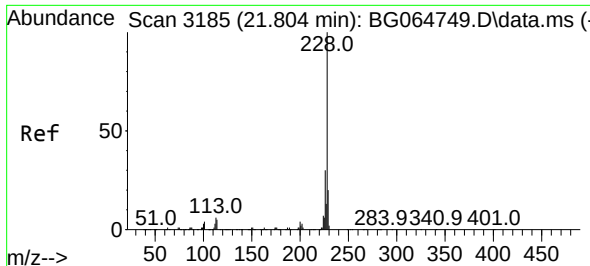
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.508 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

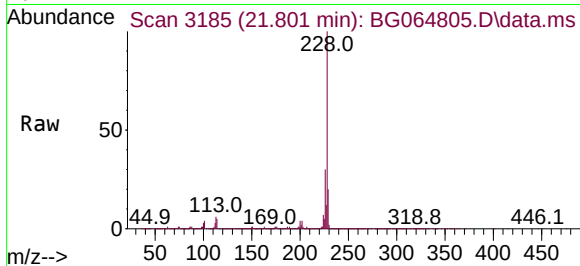
Tgt Ion:252 Resp: 181271
Ion Ratio Lower Upper
252 100
254 62.9 51.8 77.8
126 7.0 4.7 7.1





#83
Chrysene
Concen: 46.628 ng
RT: 21.801 min Scan# 3185
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

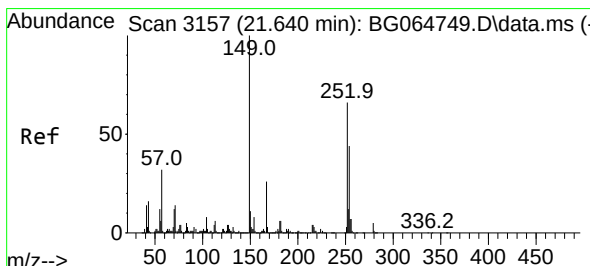
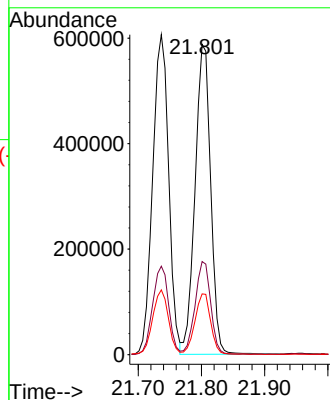
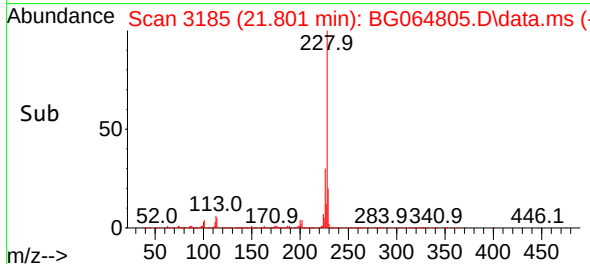
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



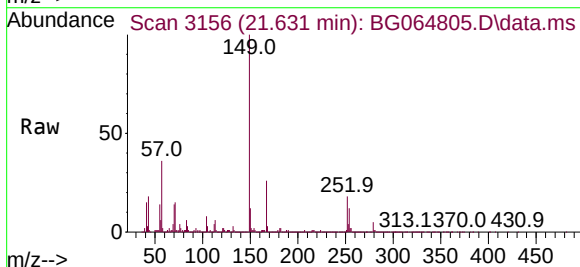
Tgt Ion:228 Resp: 1006580
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.6 16.0 24.0

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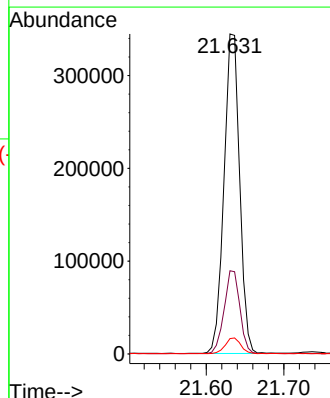
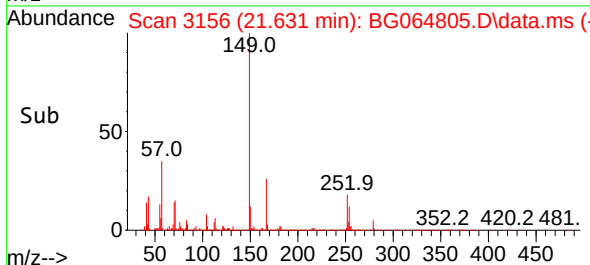
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

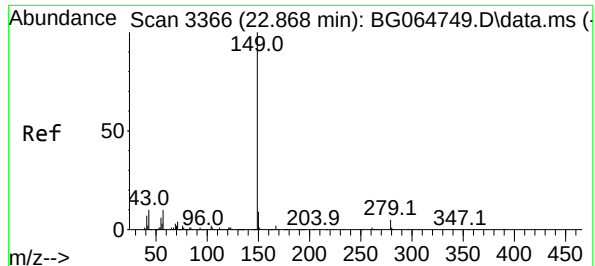


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.887 ng
RT: 21.631 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



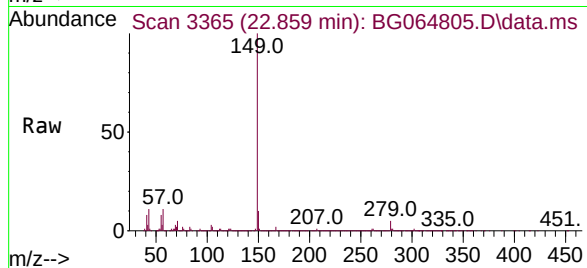
Tgt Ion:149 Resp: 483937
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 4.8 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 47.433 ng
RT: 22.859 min Scan# 3366
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

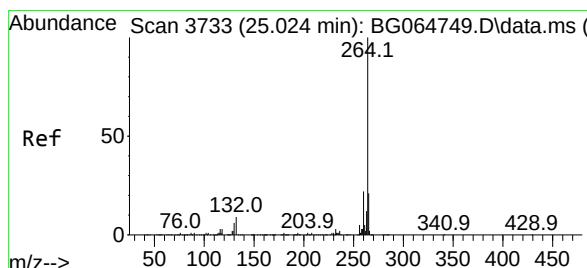
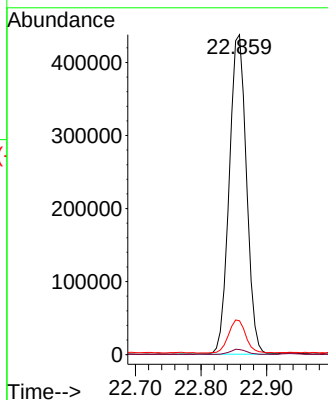
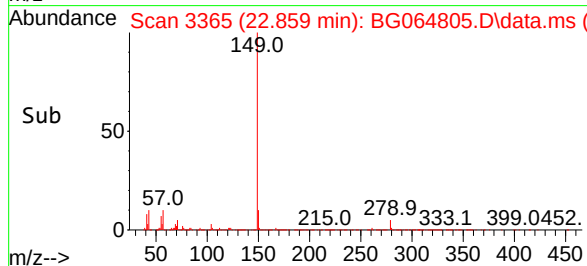
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



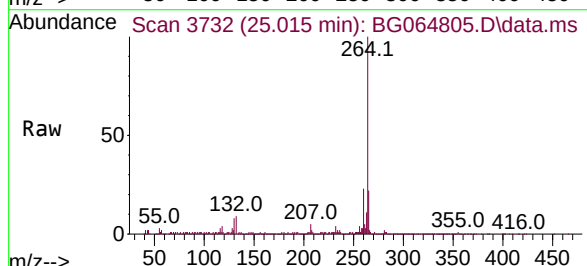
Tgt Ion:149 Resp: 795379
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 8.3 12.5

Manual Integrations
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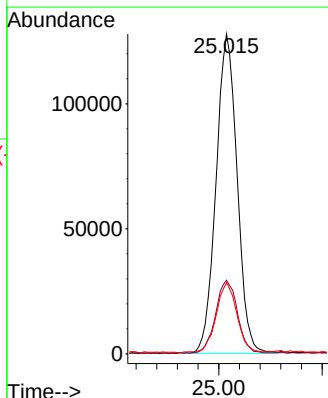
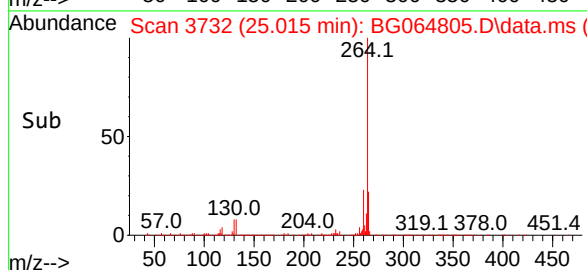
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

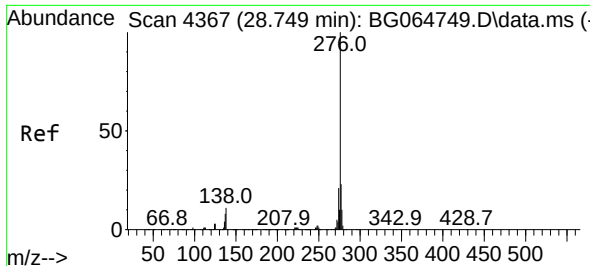


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3732
Delta R.T. -0.009 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



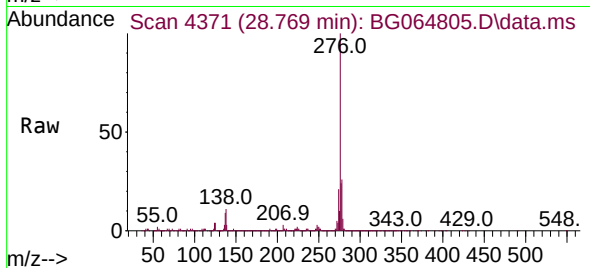
Tgt Ion:264 Resp: 363160
Ion Ratio Lower Upper
264 100
260 23.1 17.2 25.8
265 22.3 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.854 ng
RT: 28.769 min Scan# 4367
Delta R.T. 0.020 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

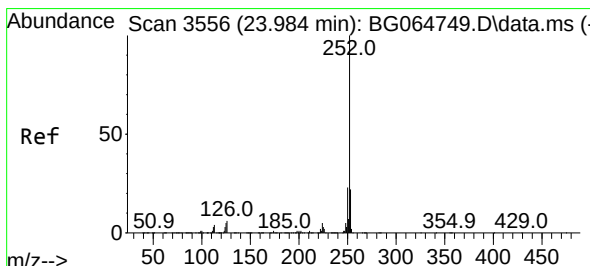
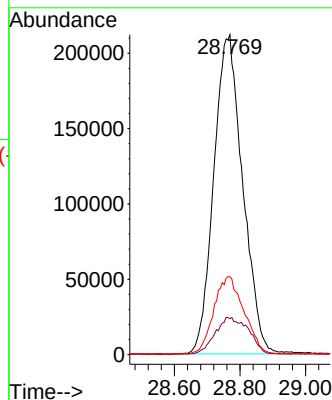
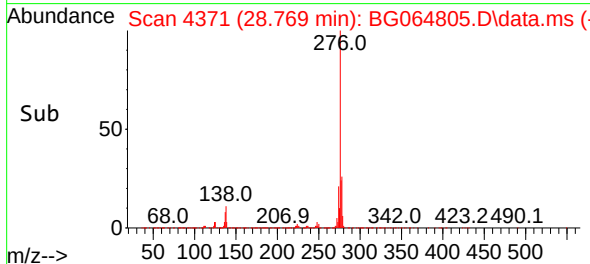
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



Tgt Ion: 276 Resp: 129377
Ion Ratio Lower Upper
276 100
138 13.3 4.5 6.7
277 25.1 20.0 30.0

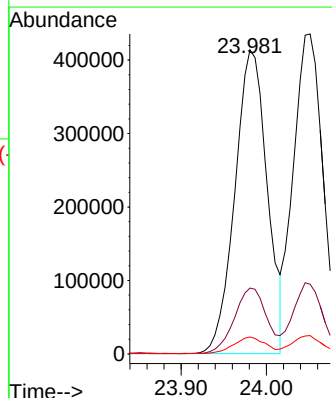
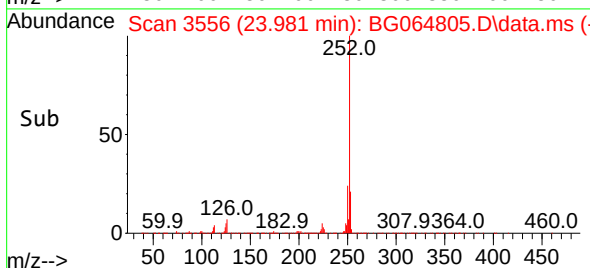
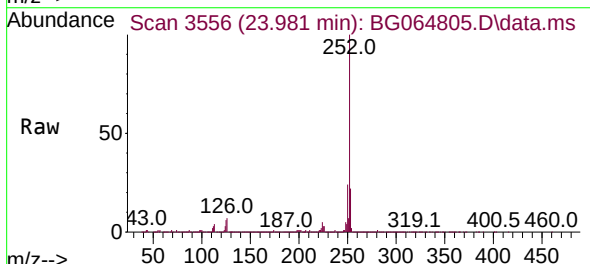
Manual Integrations
APPROVED

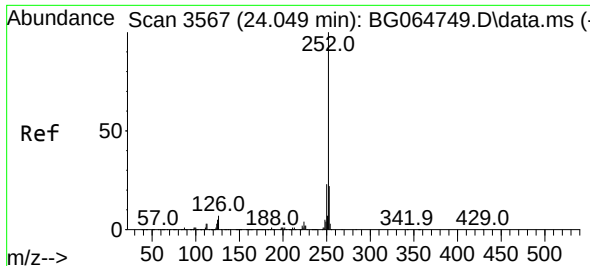
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#88
Benzo(b)fluoranthene
Concen: 47.147 ng
RT: 23.981 min Scan# 3556
Delta R.T. -0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Tgt Ion: 252 Resp: 1089616
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 5.6 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 45.198 ng
RT: 24.051 min Scan# 3567
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

Instrument :

BNA_G

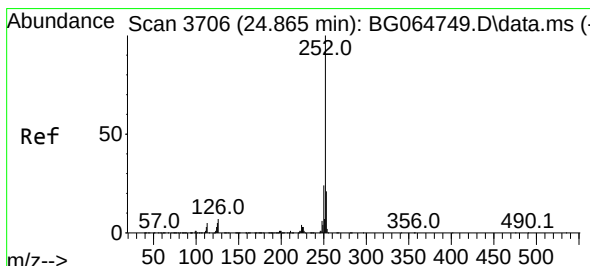
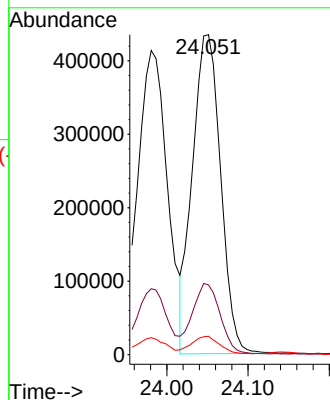
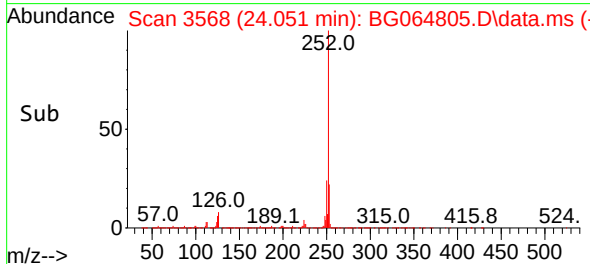
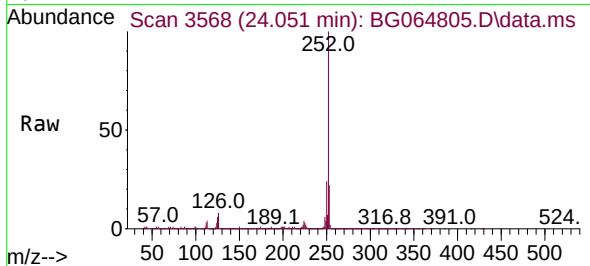
ClientSampleId :

NB-07-111725MS

Tgt Ion:252 Resp: 1049422
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 5.7 4.1 6.1

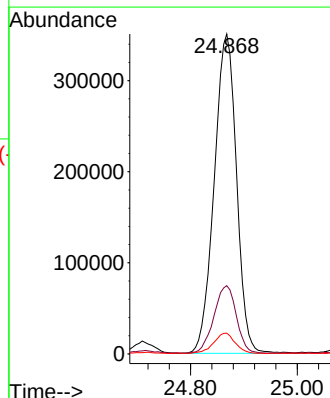
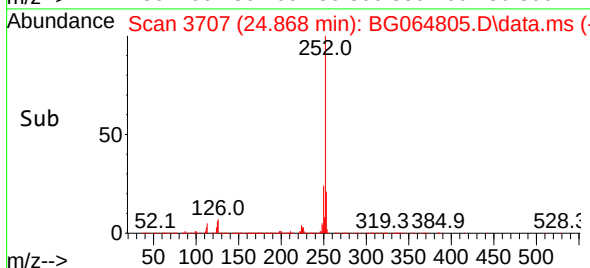
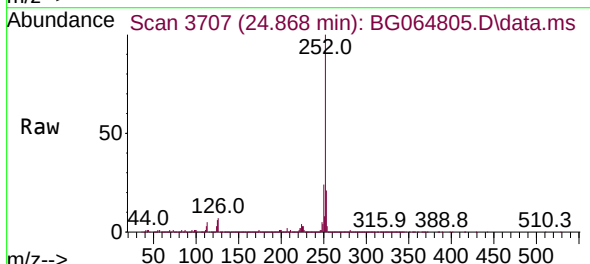
Manual Integrations
APPROVED

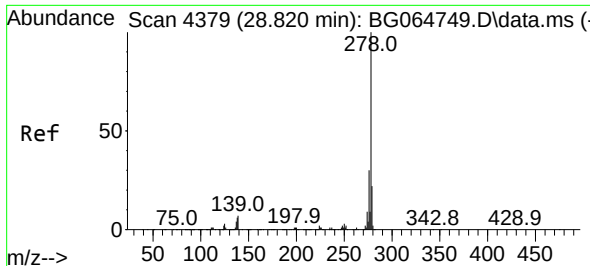
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#90
Benzo(a)pyrene
Concen: 47.412 ng
RT: 24.868 min Scan# 3707
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

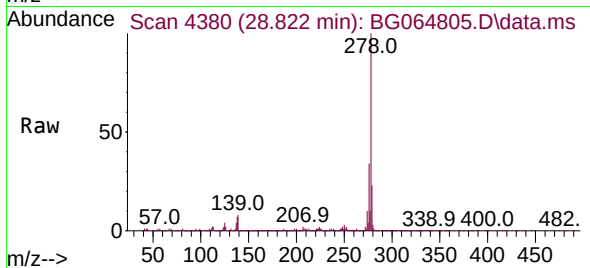
Tgt Ion:252 Resp: 1016437
Ion Ratio Lower Upper
252 100
253 21.3 16.9 25.3
125 6.5 4.2 6.4#





#91
Dibenzo(a,h)anthracene
Concen: 51.208 ng
RT: 28.822 min Scan# 4379
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21

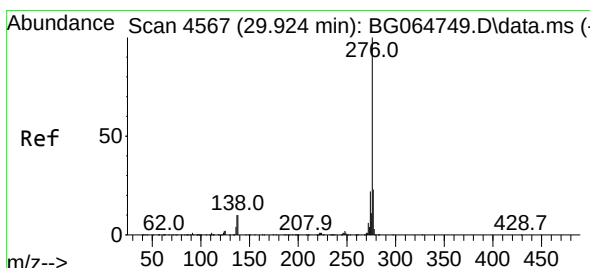
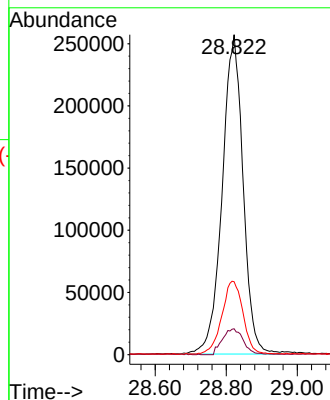
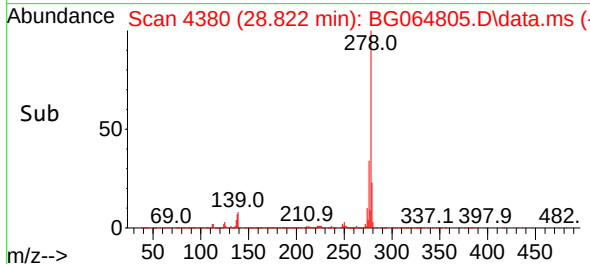
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MS



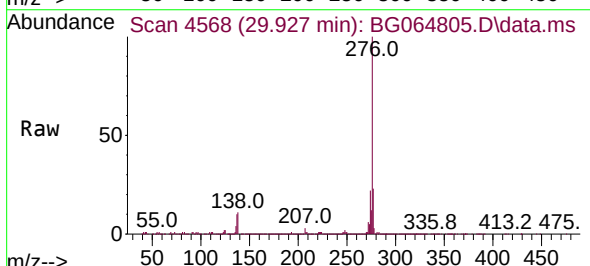
Tgt Ion: 278 Resp: 1046674
Ion Ratio Lower Upper
278 100
139 8.1 5.8 8.8
279 22.8 17.3 25.9

Manual Integrations
APPROVED

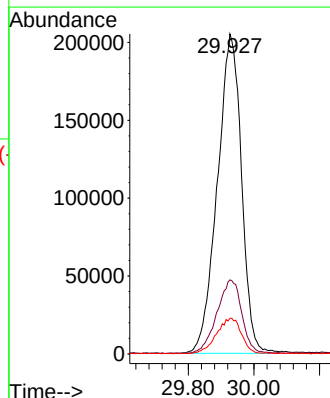
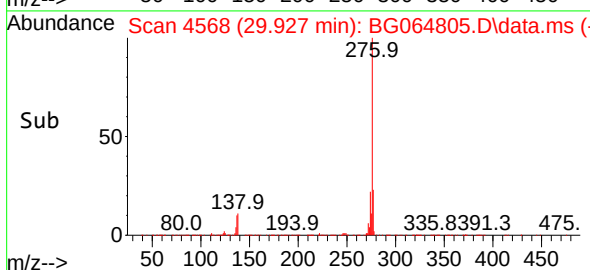
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 53.307 ng
RT: 29.927 min Scan# 4568
Delta R.T. 0.003 min
Lab File: BG064805.D
Acq: 18 Nov 2025 16:21



Tgt Ion: 276 Resp: 1048620
Ion Ratio Lower Upper
276 100
277 23.1 18.0 27.0
138 11.1 8.2 12.2





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

Report of Analysis

Client:	Alliance Technical Group, LLC - Newark		Date Collected:	11/17/25
Project:	NJ Soil PT		Date Received:	11/17/25
Client Sample ID:	NB-07-111725MSD		SDG No.:	Q3483
Lab Sample ID:	Q3658-01MSD		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	90.9
Sample Wt/Vol:	50.02 g	Final Vol: 1000 uL	Test:	SVOCMS Group4
Prep Method :	SW3541	Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
1912-24-9	Atrazine	1000		1	22.4	110	ug/Kg	11/18/25 17:01	PB170598
SURROGATES									
367-12-4	2-Fluorophenol	98.7			10 - 105	66%	SPK: 150		
13127-88-3	Phenol-d6	99.1			10 - 103	66%	SPK: 150		
4165-60-0	Nitrobenzene-d5	61.9			10 - 108	62%	SPK: 100		
321-60-8	2-Fluorobiphenyl	57.3			10 - 108	57%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	93.0			10 - 116	62%	SPK: 150		
1718-51-0	Terphenyl-d14	72.9			10 - 109	73%	SPK: 100		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	45900							
1146-65-2	Naphthalene-d8	186000							
15067-26-2	Acenaphthene-d10	154000							
1517-22-2	Phenanthrene-d10	347000							
1719-03-5	Chrysene-d12	343000							
1520-96-3	Perylene-d12	372000							

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\BG111825\
 Data File : BG064806.D
 Acq On : 18 Nov 2025 17:01
 Operator : RC/JU
 Sample : Q3658-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-07-111725MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 17:42:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	45859	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	185864	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	153717	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	346793	20.000	ng	0.00
76) Chrysene-d12	21.754	240	343005	20.000	ng	0.00
86) Perylene-d12	25.015	264	371739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	259099	98.660	ng	0.00
7) Phenol-d6	7.312	99	346046	99.070	ng	0.00
23) Nitrobenzene-d5	9.327	82	232552	61.863	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	278694	92.961	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	631225	57.298	ng	0.00
79) Terphenyl-d14	20.091	244	1271322	72.909	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	36175	35.581	ng	98
3) Pyridine	3.934	79	105499	34.826	ng	95
4) n-Nitrosodimethylamine	3.845	42	62107	40.282	ng	89
6) Aniline	7.476	93	83961	18.034	ng	100
8) 2-Chlorophenol	7.723	128	136768	47.429	ng	97
9) Benzaldehyde	7.288	77	66174	28.941	ng	96
10) Phenol	7.341	94	180092	47.387	ng	95
11) bis(2-Chloroethyl)ether	7.570	93	118141	43.685	ng	99
12) 1,3-Dichlorobenzene	8.058	146	149728	45.124	ng	96
13) 1,4-Dichlorobenzene	8.199	146	155898	46.141	ng	97
14) 1,2-Dichlorobenzene	8.522	146	153991	47.005	ng	99
15) Benzyl Alcohol	8.393	79	136260	47.526	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.687	45	267455	41.782	ng	96
17) 2-Methylphenol	8.599	107	128186	47.669	ng	96
18) Hexachloroethane	9.263	117	57891	45.238	ng	97
19) n-Nitroso-di-n-propyla...	8.969	70	104474	44.236	ng	96
20) 3+4-Methylphenols	8.928	107	172329	46.779	ng	95
22) Acetophenone	8.986	105	222070	43.855	ng	99
24) Nitrobenzene	9.368	77	168595	44.387	ng	96
25) Isophorone	9.897	82	304278	42.505	ng	98
26) 2-Nitrophenol	10.085	139	82924	48.537	ng	94
27) 2,4-Dimethylphenol	10.138	122	137062	45.158	ng	99
28) bis(2-Chloroethoxy)met...	10.373	93	175795	44.731	ng	100
29) 2,4-Dichlorophenol	10.620	162	161878	49.677	ng	98
30) 1,2,4-Trichlorobenzene	10.843	180	186815	47.477	ng	98
31) Naphthalene	11.031	128	464876	44.122	ng	99
32) Benzoic acid	10.285	122	108794	50.446	ng	98
33) 4-Chloroaniline	11.131	127	49313	11.700	ng	99
34) Hexachlorobutadiene	11.319	225	146746	43.465	ng	97
35) Caprolactam	11.901	113	46291m	47.495	ng	
36) 4-Chloro-3-methylphenol	12.241	107	173370	47.800	ng	99
37) 2-Methylnaphthalene	12.623	142	320641	40.667	ng	99
38) 1-Methylnaphthalene	12.841	142	334820	42.749	ng	99
40) 1,2,4,5-Tetrachloroben...	12.988	216	273123	45.656	ng	99
41) Hexachlorocyclopentadiene	12.970	237	181558	42.342	ng	95
43) 2,4,6-Trichlorophenol	13.217	196	165757	47.210	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064806.D
 Acq On : 18 Nov 2025 17:01
 Operator : RC/JU
 Sample : Q3658-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 18 17:42:34 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 12 17:10:56 2025

Response via : Initial Calibration

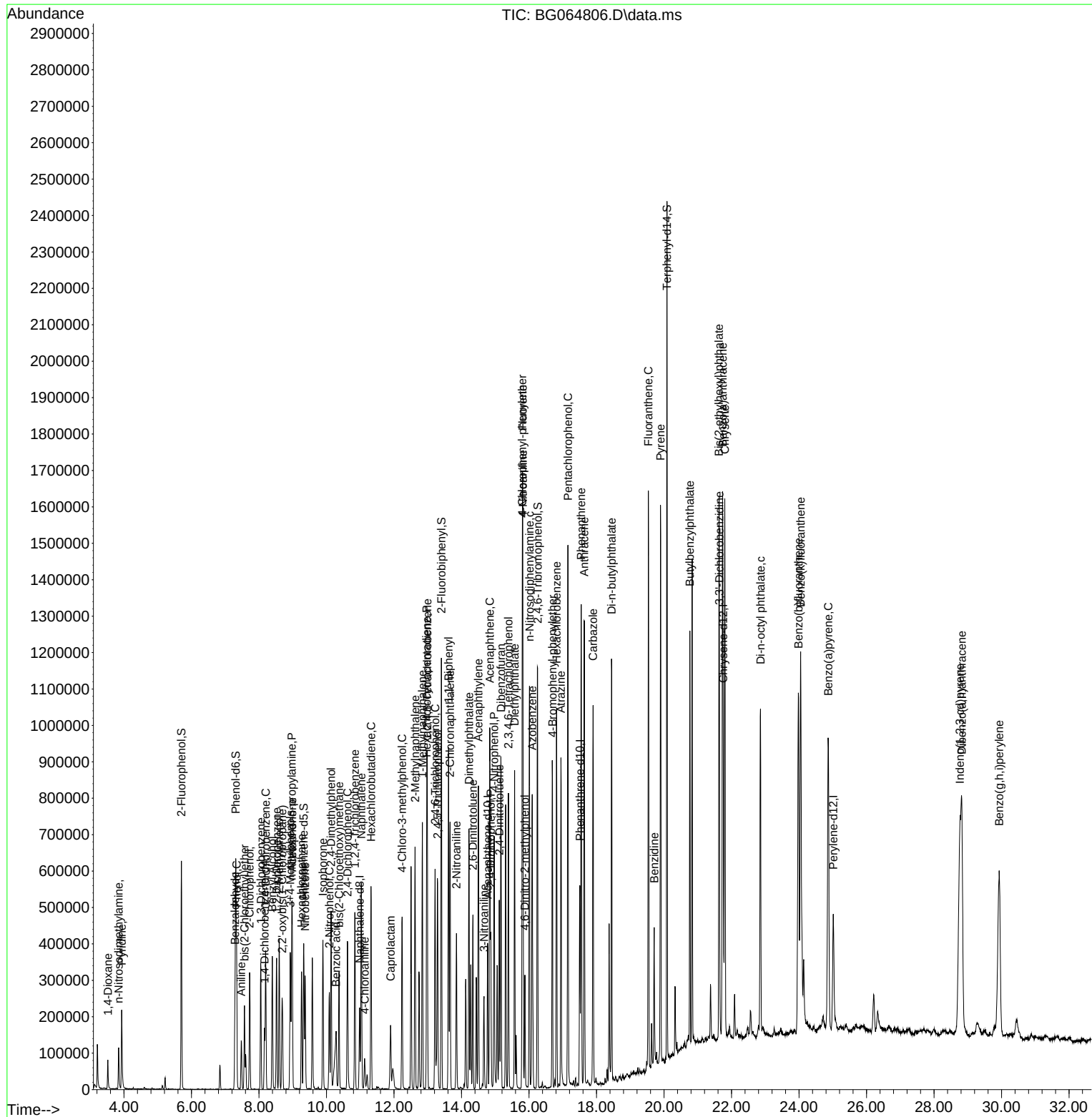
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	189692	48.171	ng	98
46) 1,1'-Biphenyl	13.616	154	493951	44.740	ng	97
47) 2-Chloronaphthalene	13.663	162	387936	44.601	ng	99
48) 2-Nitroaniline	13.851	65	130207	46.542	ng	98
49) Acenaphthylene	14.503	152	668768	45.005	ng	98
50) Dimethylphthalate	14.221	163	510718	42.060	ng	99
51) 2,6-Dinitrotoluene	14.339	165	111951	47.913	ng	95
52) Acenaphthene	14.838	154	424042	47.593	ng	98
53) 3-Nitroaniline	14.668	138	66320	28.758	ng	94
54) 2,4-Dinitrophenol	14.868	184	102708	65.869	ng	92
55) Dibenzofuran	15.167	168	660092	44.813	ng	98
56) 4-Nitrophenol	14.968	139	175859	96.115	ng	93
57) 2,4-Dinitrotoluene	15.120	165	162957	46.520	ng	99
58) Fluorene	15.814	166	501755	43.432	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.391	232	195799	50.394	ng	98
60) Diethylphthalate	15.573	149	500848	43.057	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	300874	43.396	ng	100
62) 4-Nitroaniline	15.820	138	95289	39.885	ng	98
63) Azobenzene	16.096	77	494473	51.108	ng	96
65) 4,6-Dinitro-2-methylph...	15.878	198	77742	40.376	ng	96
66) n-Nitrosodiphenylamine	16.013	169	461656	50.823	ng	100
67) 4-Bromophenyl-phenylether	16.695	248	223813	49.145	ng	97
68) Hexachlorobenzene	16.818	284	264122	47.869	ng	97
69) Atrazine	16.948	200	205324	46.883	ng	99
70) Pentachlorophenol	17.153	266	326908	98.575	ng	96
71) Phenanthrene	17.547	178	891708	46.996	ng	100
72) Anthracene	17.635	178	899685	46.501	ng	100
73) Carbazole	17.899	167	744762	44.778	ng	99
74) Di-n-butylphthalate	18.446	149	861272	46.415	ng	99
75) Fluoranthene	19.539	202	1048731	40.420	ng	99
77) Benzidine	19.709	184	266468	25.940	ng	98
78) Pyrene	19.897	202	1060660	55.174	ng	99
80) Butylbenzylphthalate	20.767	149	350558	51.844	ng	97
81) Benzo(a)anthracene	21.736	228	1097876	47.073	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	219625	25.584	ng	97
83) Chrysene	21.801	228	1023652	46.554	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	497488	50.349	ng	99
85) Di-n-octyl phthalate	22.858	149	830788	48.642	ng	100
87) Indeno(1,2,3-cd)pyrene	28.763	276	1348244	52.790	ng	# 98
88) Benzo(b)fluoranthene	23.981	252	1124970	47.554	ng	99
89) Benzo(k)fluoranthene	24.051	252	1082022	45.526	ng	98
90) Benzo(a)pyrene	24.868	252	1039844	47.384	ng	# 98
91) Dibenzo(a,h)anthracene	28.822	278	1082932	51.759	ng	96
92) Benzo(g,h,i)perylene	29.932	276	1070512	53.164	ng	96

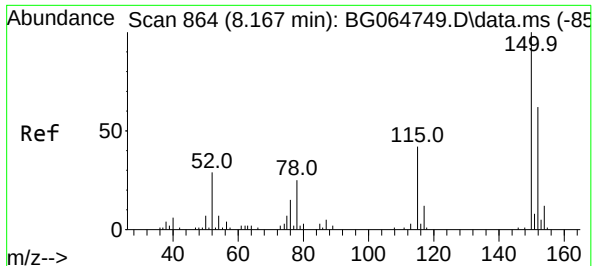
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

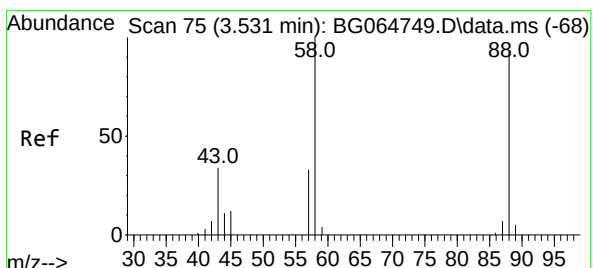
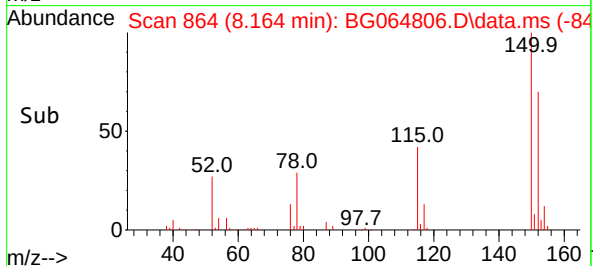
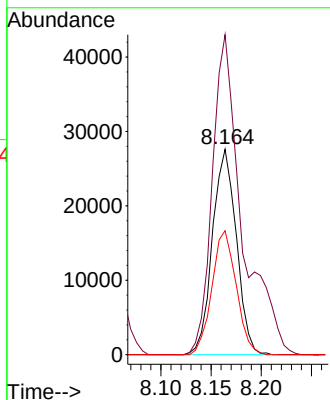
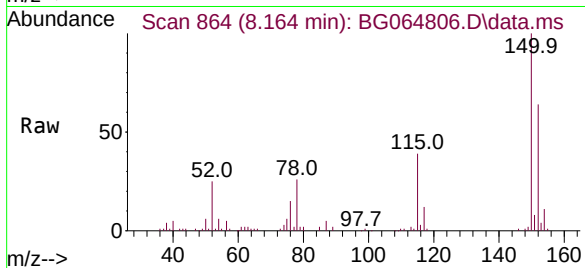
ClientSampleId :

NB-07-111725MSD

Tgt Ion:152 Resp: 45859
Ion Ratio Lower Upper
152 100
150 155.8 129.2 193.8
115 60.3 53.7 80.5

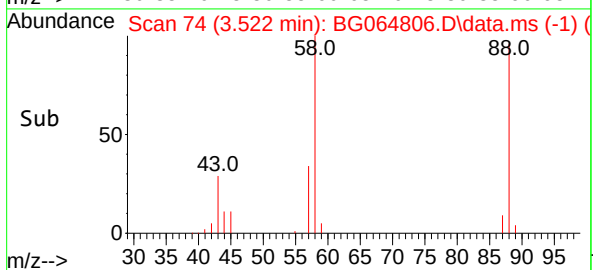
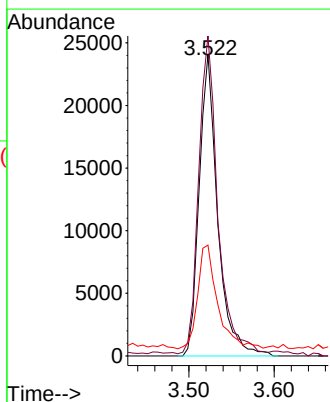
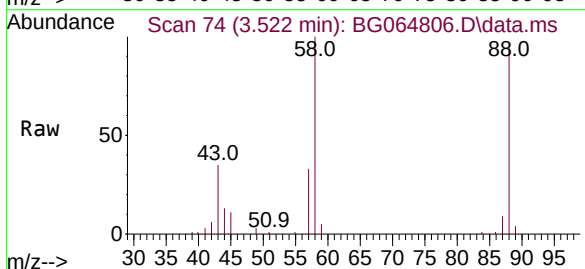
Manual Integrations
APPROVED

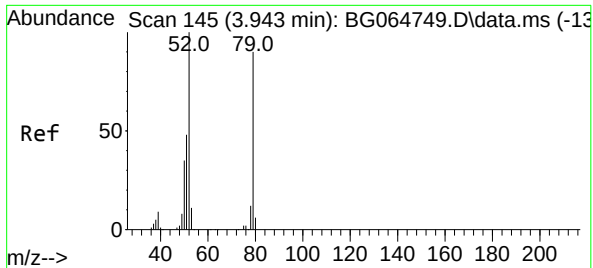
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#2
1,4-Dioxane
Concen: 35.581 ng
RT: 3.522 min Scan# 74
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

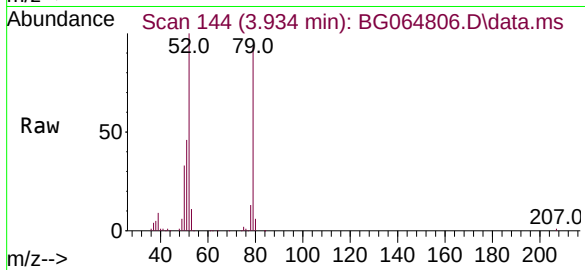
Tgt Ion: 88 Resp: 36175
Ion Ratio Lower Upper
88 100
58 108.6 84.6 126.8
43 37.4 30.0 45.0





#3
Pyridine
Concen: 34.826 ng
RT: 3.934 min Scan# 145
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

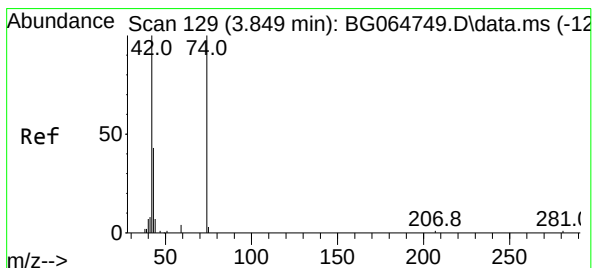
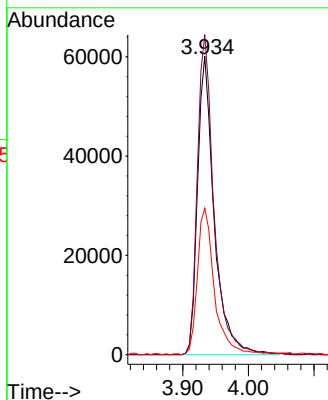
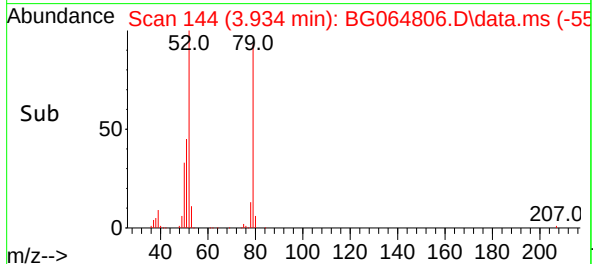
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion: 79 Resp: 105499
Ion Ratio Lower Upper
79 100
52 107.3 89.0 133.4
51 49.1 43.4 65.0

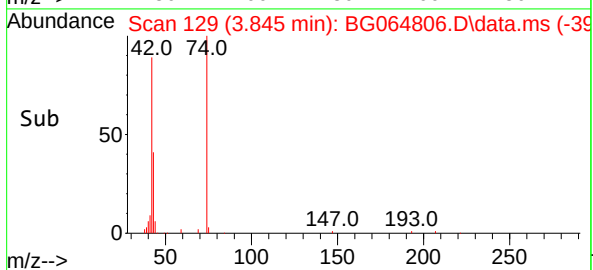
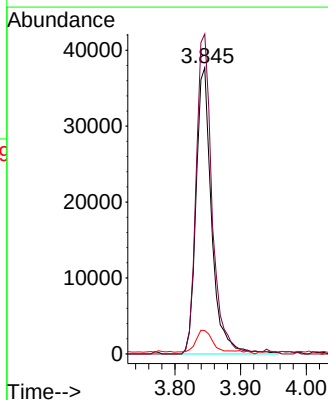
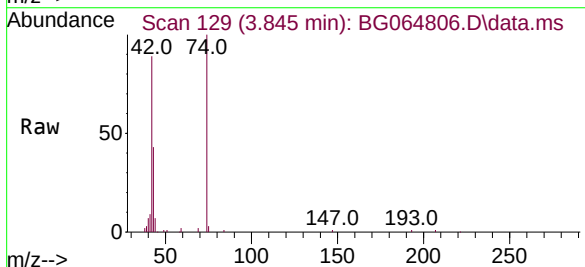
Manual Integrations
APPROVED

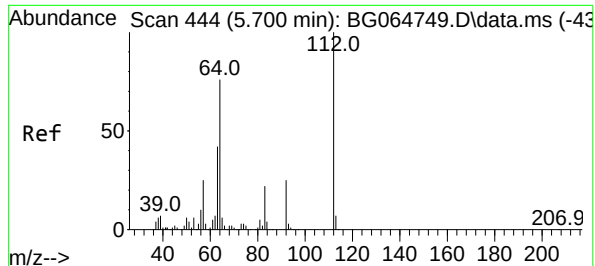
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#4
n-Nitrosodimethylamine
Concen: 40.282 ng
RT: 3.845 min Scan# 129
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

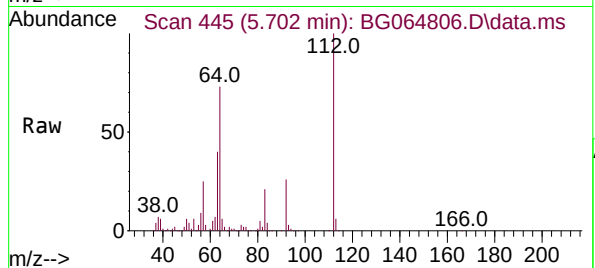
Tgt Ion: 42 Resp: 62107
Ion Ratio Lower Upper
42 100
74 111.8 79.8 119.6
44 8.1 5.9 8.9





#5
2-Fluorophenol
Concen: 98.660 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

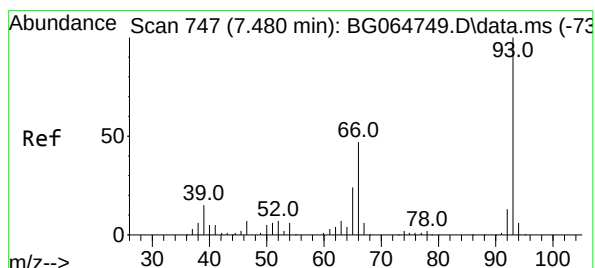
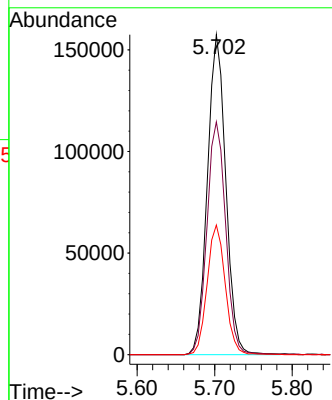
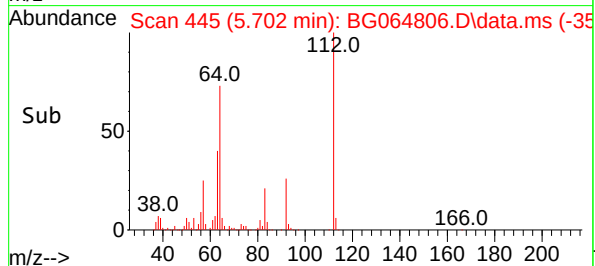
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion: 112 Resp: 259099
Ion Ratio Lower Upper
112 100
64 72.7 61.0 91.4
63 40.5 33.3 49.9

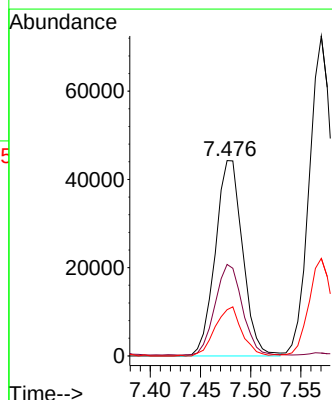
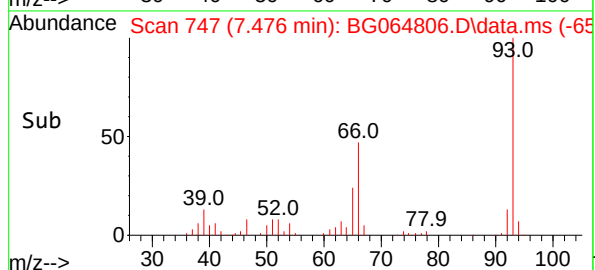
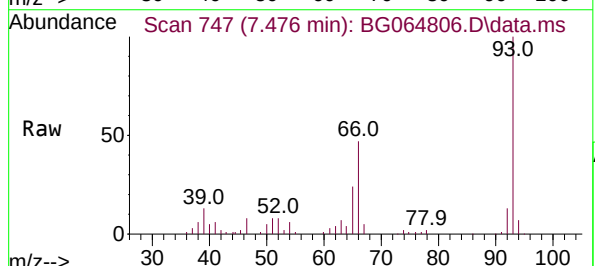
Manual Integrations
APPROVED

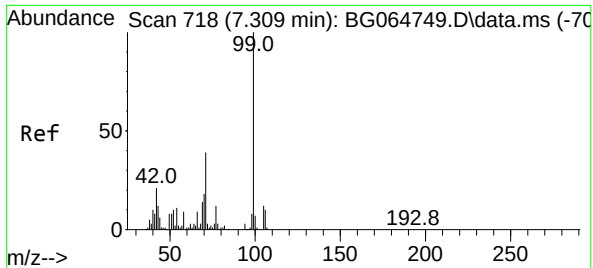
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#6
Aniline
Concen: 18.034 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

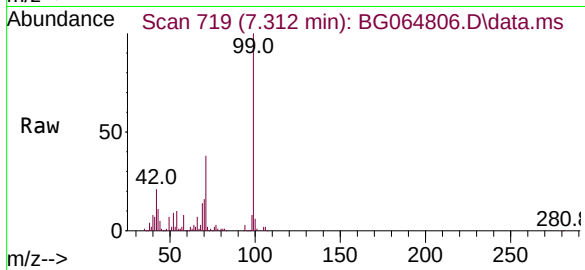
Tgt Ion: 93 Resp: 83961
Ion Ratio Lower Upper
93 100
66 46.8 37.7 56.5
65 23.6 19.1 28.7





#7
Phenol-d6
Concen: 99.070 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

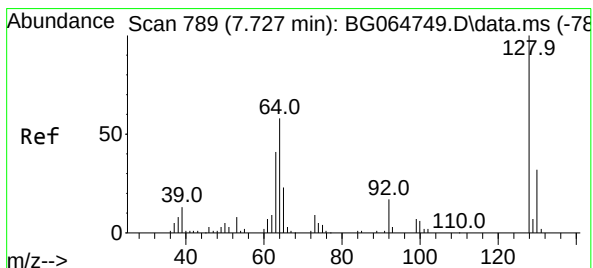
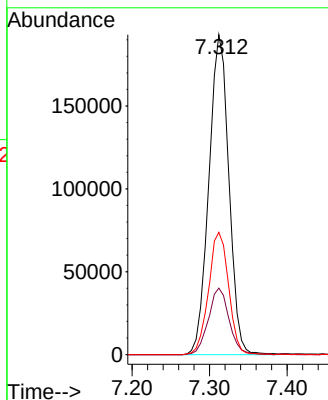
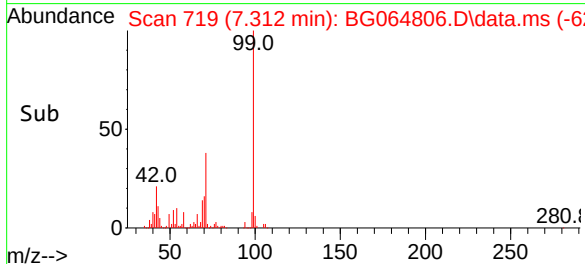
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



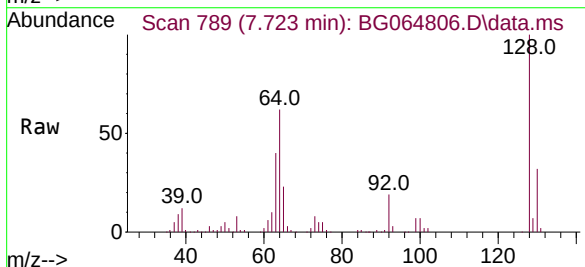
Tgt Ion: 99 Resp: 346046
Ion Ratio Lower Upper
99 100
42 20.8 16.8 25.2
71 38.2 31.1 46.7

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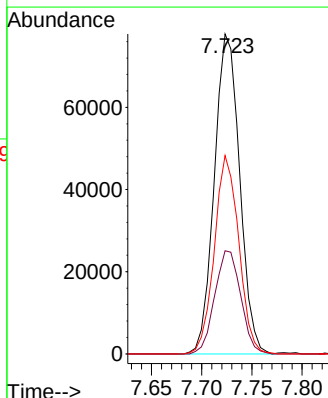
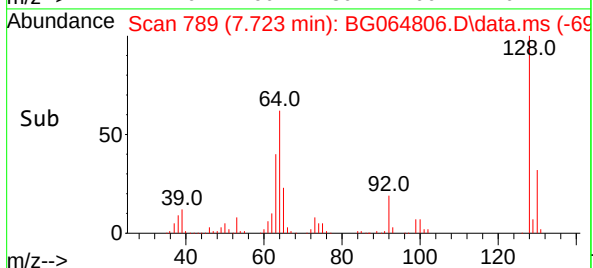
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

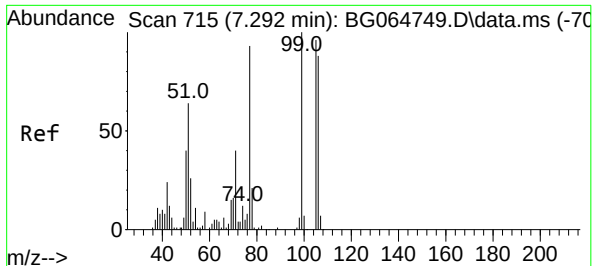


#8
2-Chlorophenol
Concen: 47.429 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



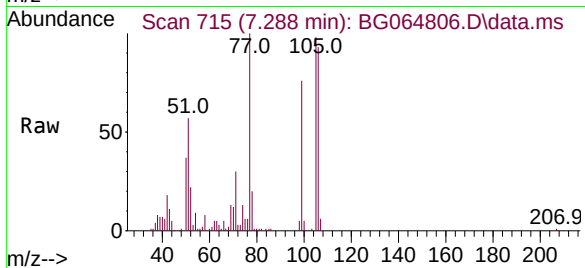
Tgt Ion:128 Resp: 136768
Ion Ratio Lower Upper
128 100
130 32.2 11.9 51.9
64 62.0 38.4 78.4





#9
Benzaldehyde
Concen: 28.941 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

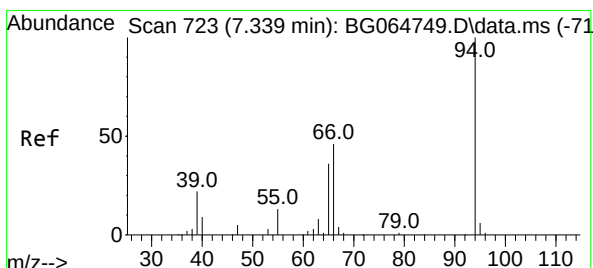
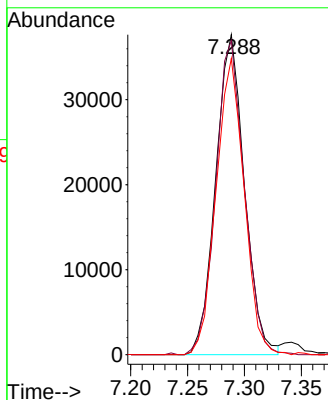
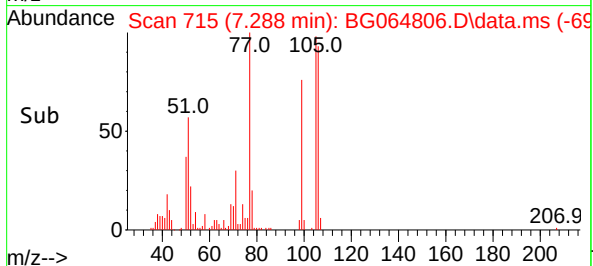
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion: 77 Resp: 66174
Ion Ratio Lower Upper
77 100
105 98.1 83.8 123.8
106 92.5 74.3 114.3

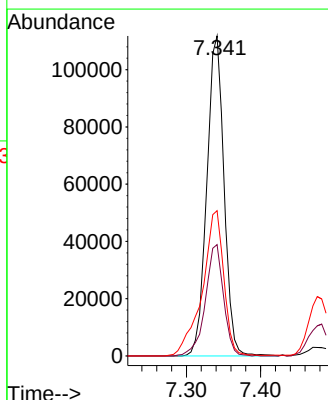
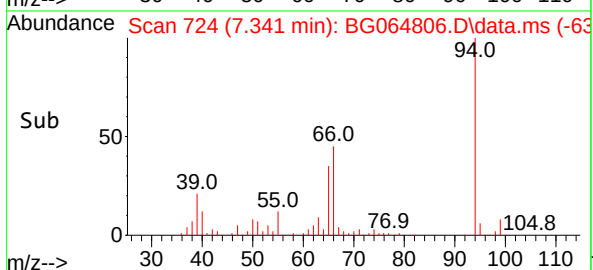
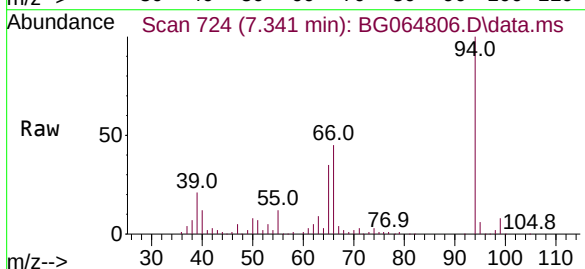
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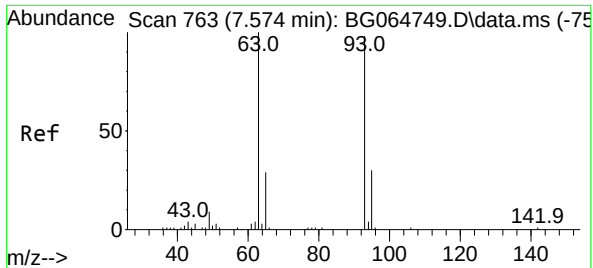
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#10
Phenol
Concen: 47.387 ng
RT: 7.341 min Scan# 724
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 94 Resp: 180092
Ion Ratio Lower Upper
94 100
65 34.8 17.0 57.0
66 45.4 29.8 69.8





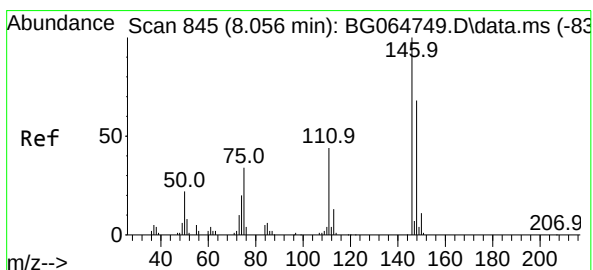
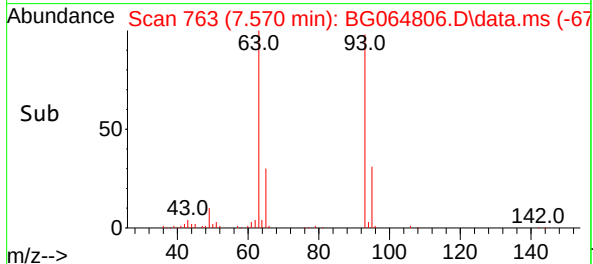
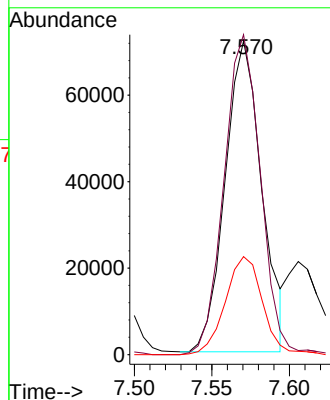
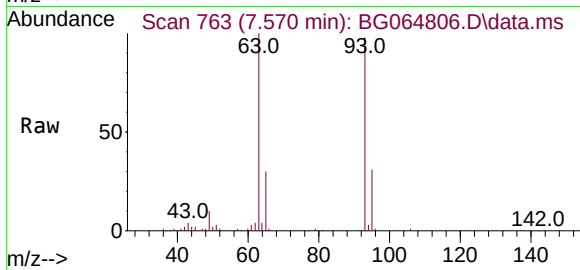
#11
bis(2-Chloroethyl)ether
Concen: 43.685 ng
RT: 7.570 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD

Tgt Ion: 93 Resp: 11814
Ion Ratio Lower Upper
93 100
63 102.0 81.8 121.8
95 31.3 10.3 50.3

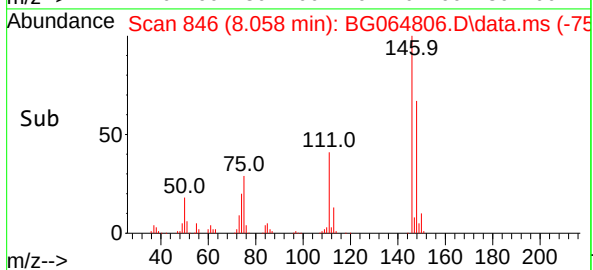
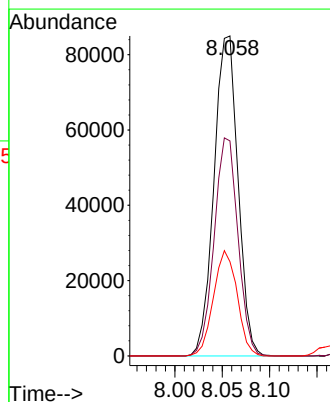
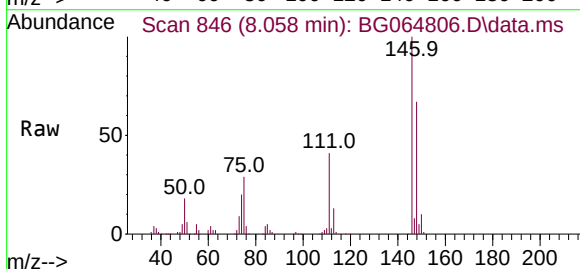
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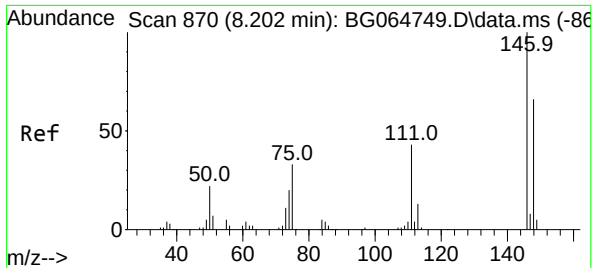
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#12
1,3-Dichlorobenzene
Concen: 45.124 ng
RT: 8.058 min Scan# 846
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:146 Resp: 149728
Ion Ratio Lower Upper
146 100
148 67.2 54.6 82.0
75 29.4 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 46.141 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Tgt Ion:146 Resp: 155898

Ion Ratio Lower Upper

146 100

148 65.2 53.1 79.7

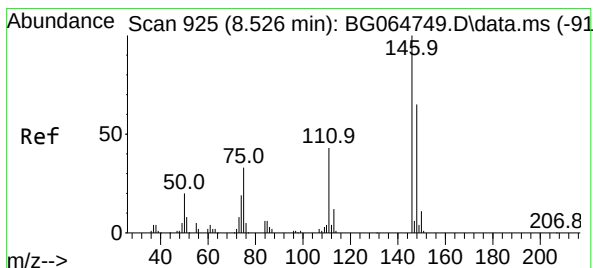
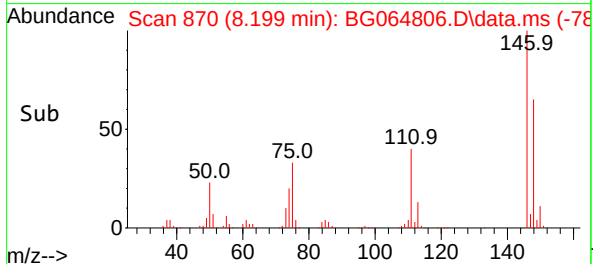
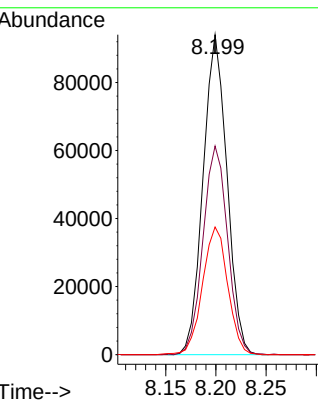
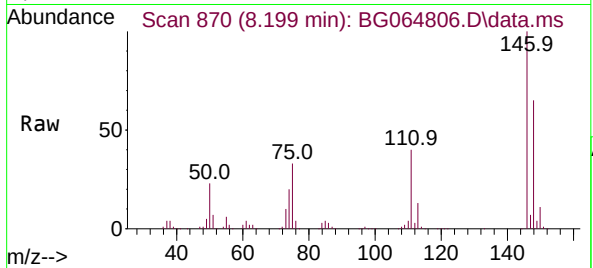
111 39.9 34.1 51.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#14

1,2-Dichlorobenzene

Concen: 47.005 ng

RT: 8.522 min Scan# 925

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

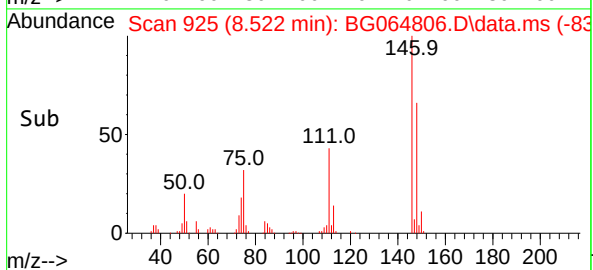
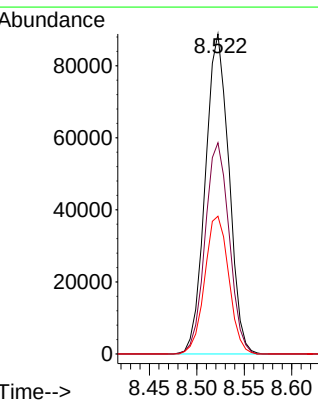
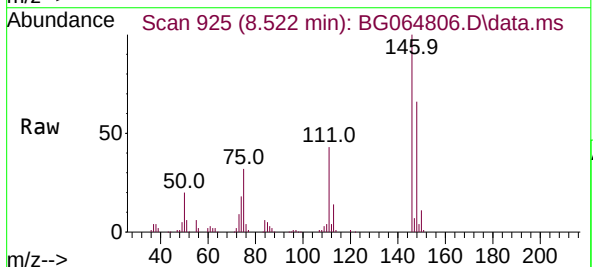
Tgt Ion:146 Resp: 153991

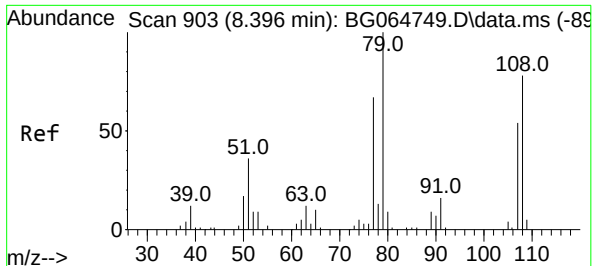
Ion Ratio Lower Upper

146 100

148 66.0 52.0 78.0

111 43.0 34.7 52.1





#15

Benzyl Alcohol

Concen: 47.526 ng

RT: 8.393 min Scan# 90

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Tgt Ion: 79 Resp: 136260

Ion Ratio Lower Upper

79 100

108 67.5 62.3 93.5

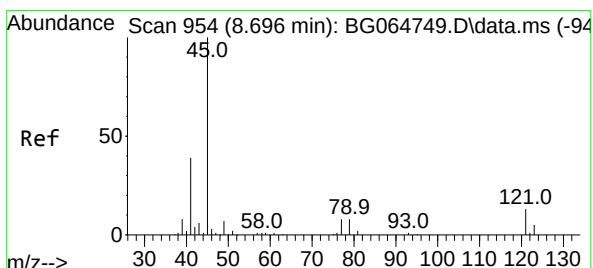
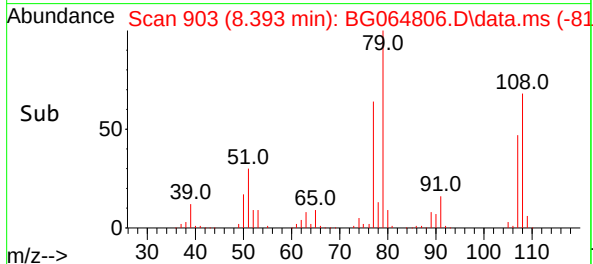
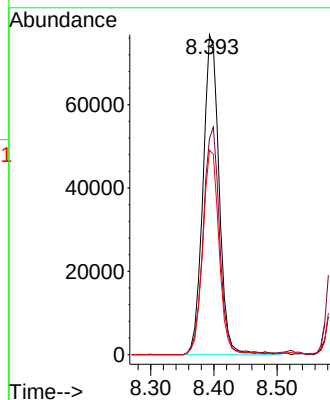
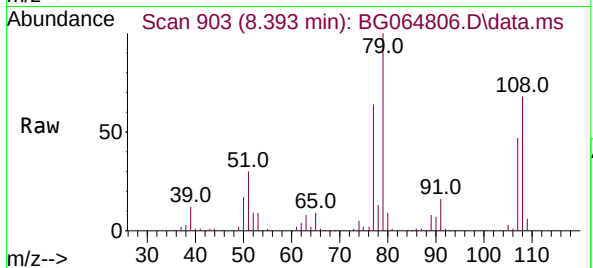
77 63.9 53.5 80.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.782 ng

RT: 8.687 min Scan# 953

Delta R.T. -0.009 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

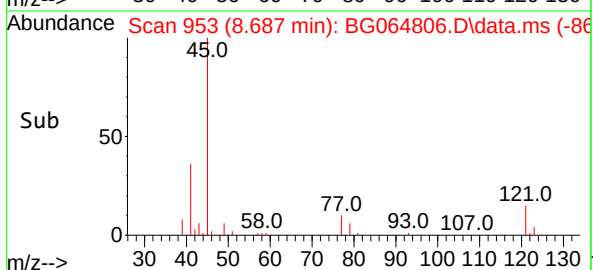
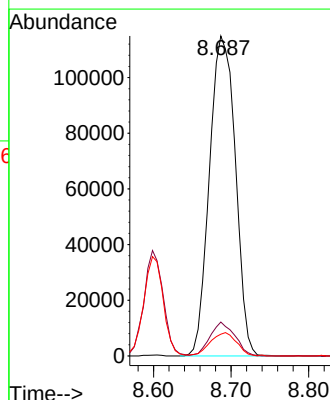
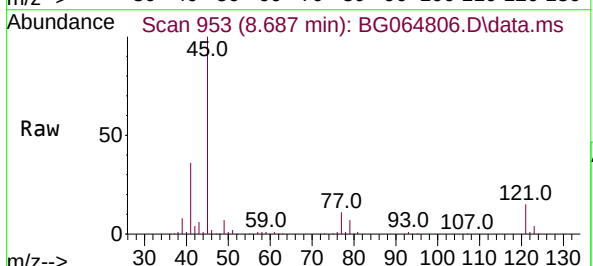
Tgt Ion: 45 Resp: 267455

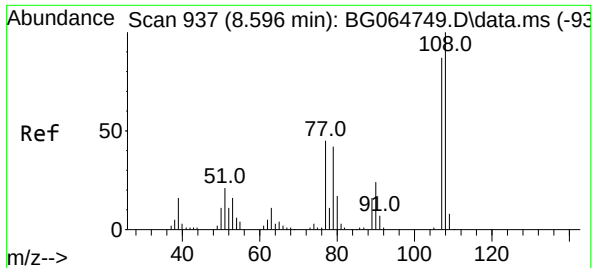
Ion Ratio Lower Upper

45 100

77 10.6 0.0 28.8

79 6.8 0.0 28.1





#17

2-Methylphenol

Concen: 47.669 ng

RT: 8.599 min Scan# 937

Delta R.T. 0.002 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Tgt Ion:107 Resp: 128186

Ion Ratio Lower Upper

107 100

108 108.5 92.6 138.8

77 51.1 41.2 61.8

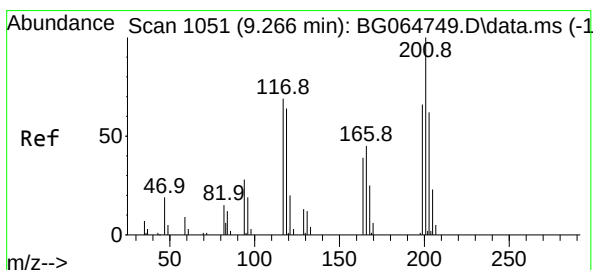
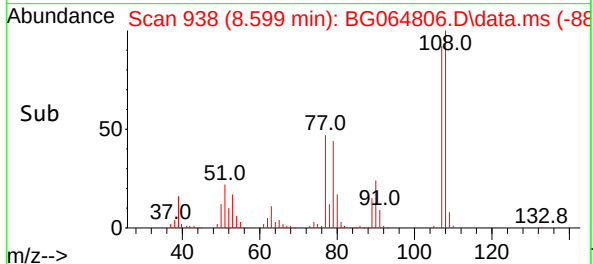
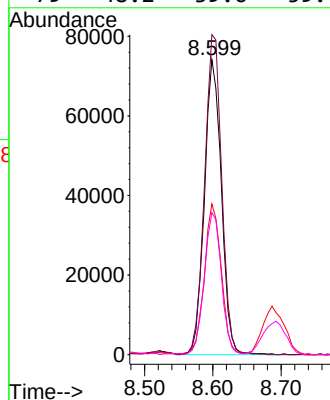
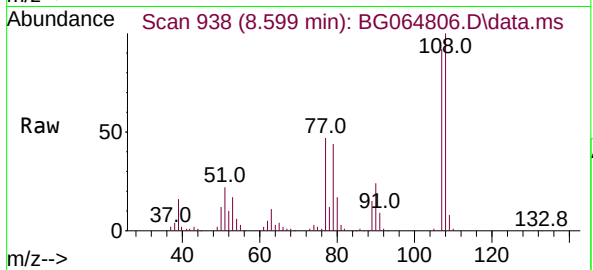
79 48.2 39.6 59.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#18

Hexachloroethane

Concen: 45.238 ng

RT: 9.263 min Scan# 1051

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

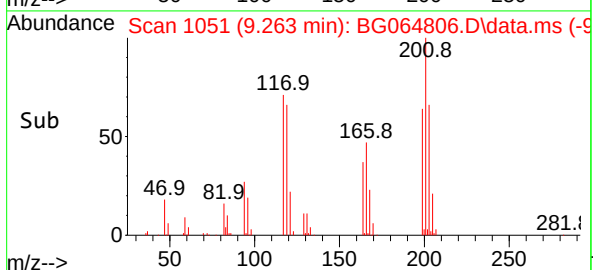
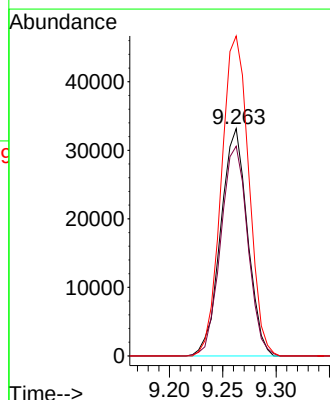
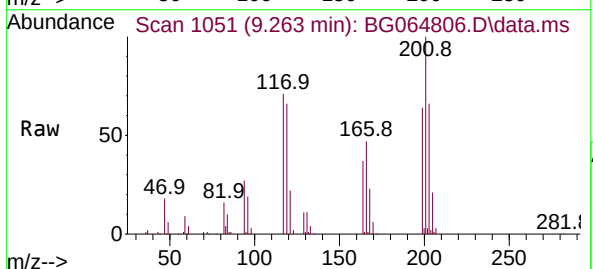
Tgt Ion:117 Resp: 57891

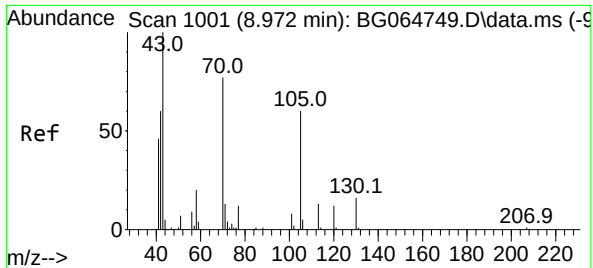
Ion Ratio Lower Upper

117 100

119 92.2 74.4 111.6

201 140.8 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.236 ng

RT: 8.969 min Scan# 10

Delta R.T. -0.003 min

Lab File: BG064806.D

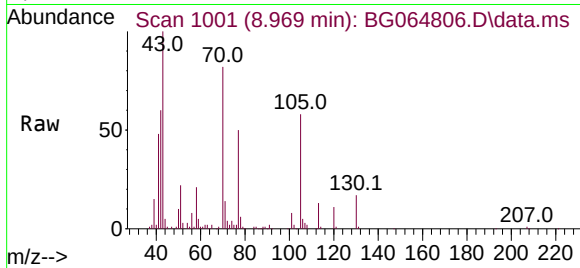
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD



Tgt Ion: 70 Resp: 104474

Ion Ratio Lower Upper

70 100

42 73.1 62.6 93.8

101 9.4 8.0 12.0

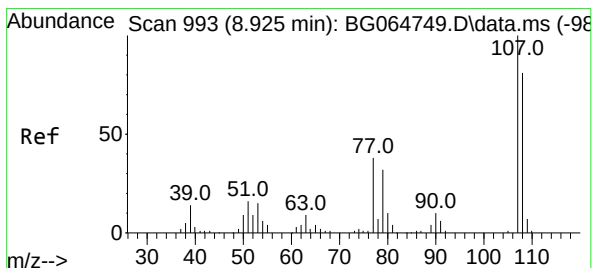
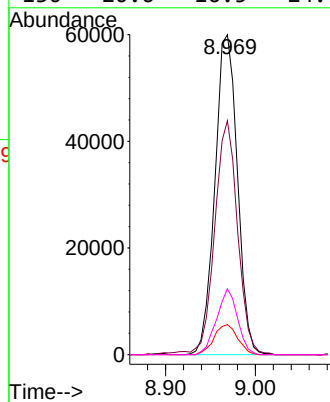
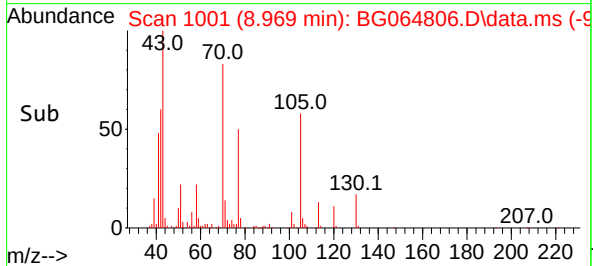
130 20.6 16.5 24.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#20

3+4-Methylphenols

Concen: 46.779 ng

RT: 8.928 min Scan# 994

Delta R.T. 0.002 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Tgt Ion:107 Resp: 172329

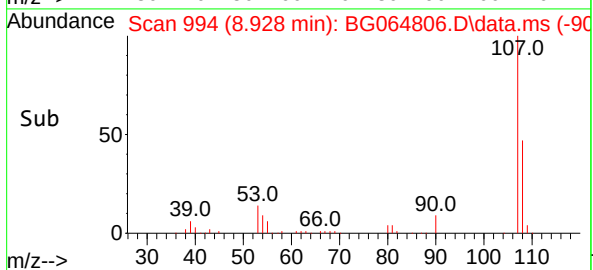
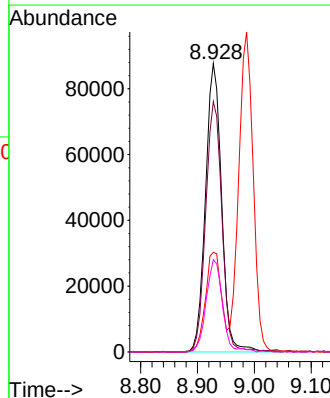
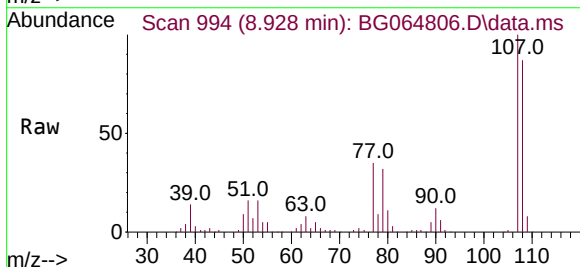
Ion Ratio Lower Upper

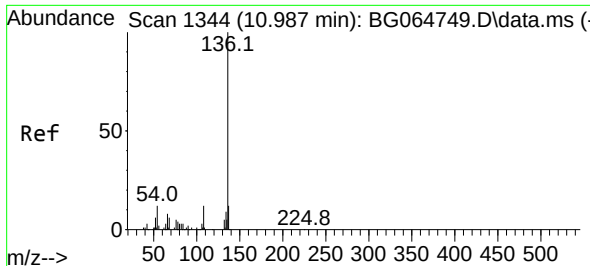
107 100

108 86.8 61.0 101.0

77 34.6 17.6 57.6

79 31.9 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.984 min Scan# 1344

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Tgt Ion:136 Resp: 185864

Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 12.7 9.3 13.9

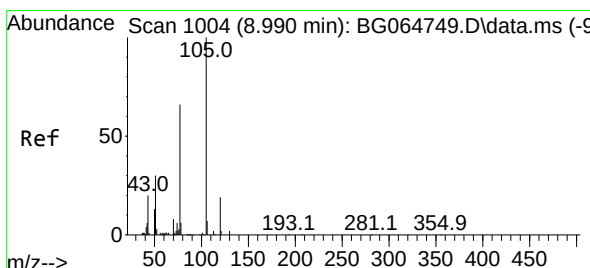
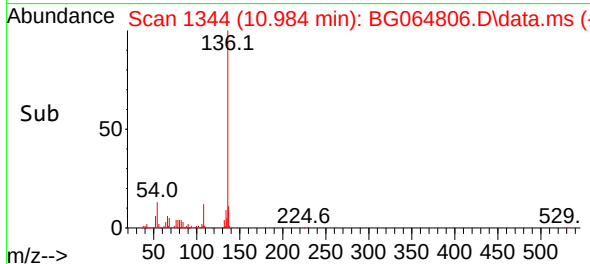
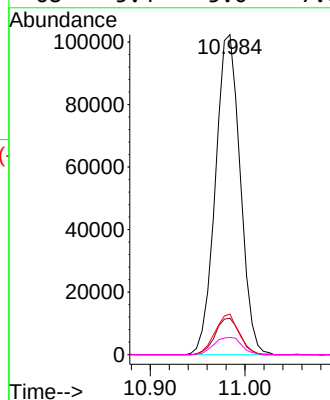
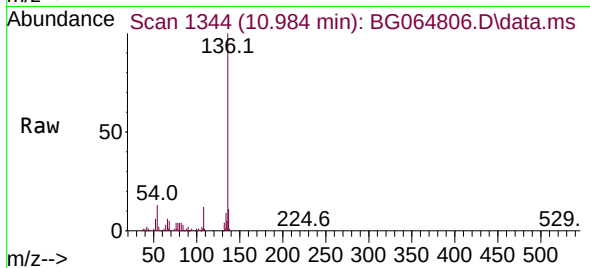
68 5.4 5.0 7.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#22

Acetophenone

Concen: 43.855 ng

RT: 8.986 min Scan# 1004

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Tgt Ion:105 Resp: 222070

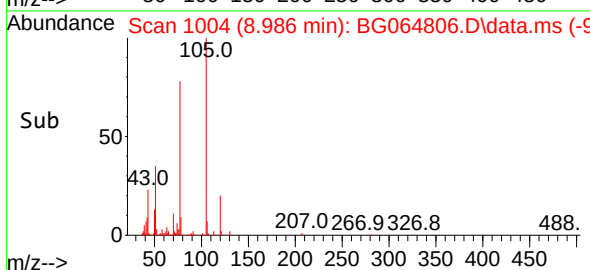
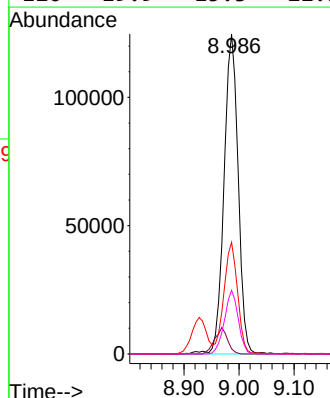
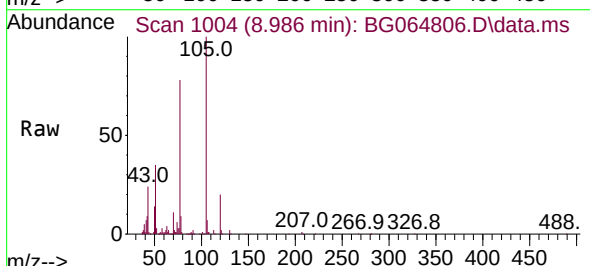
Ion Ratio Lower Upper

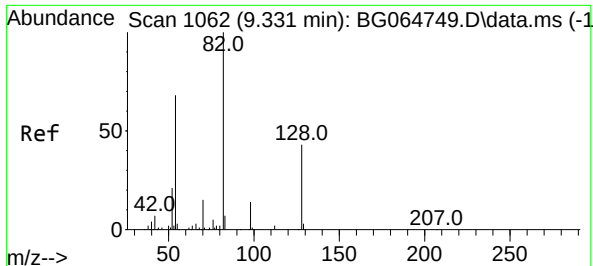
105 100

71 1.6 1.3 1.9

51 34.9 27.9 41.9

120 19.9 15.3 22.9





#23

Nitrobenzene-d5

Concen: 61.863 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

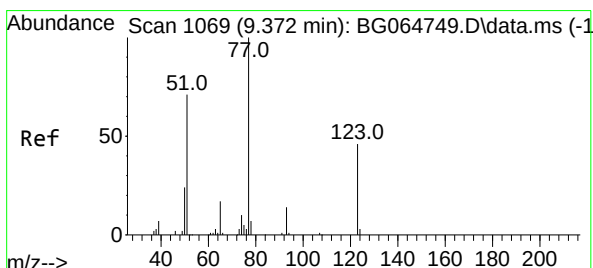
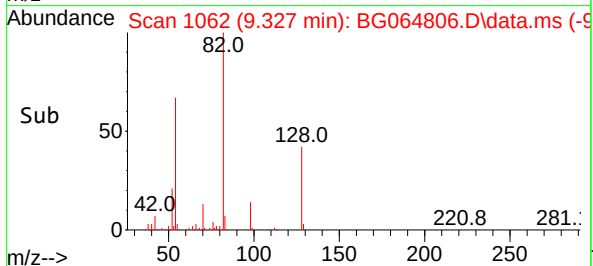
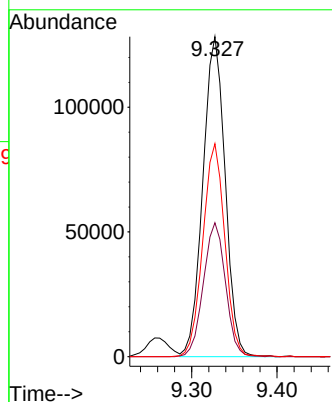
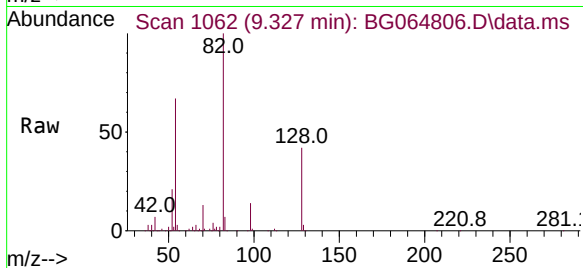
ClientSampleId :

NB-07-111725MSD

Tgt Ion:	82	Resp:	23255
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.1	51.1
54	66.5	54.3	81.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#24

Nitrobenzene

Concen: 44.387 ng

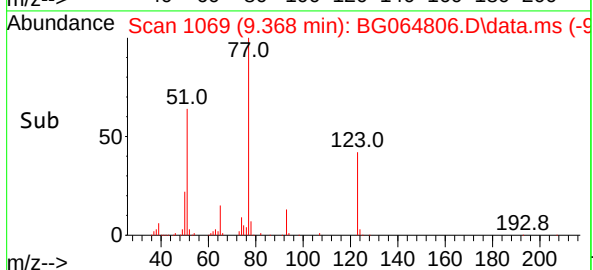
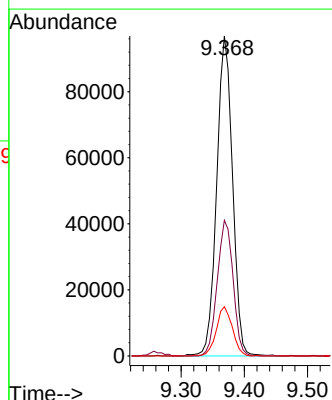
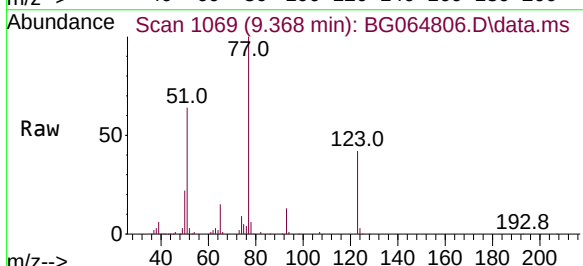
RT: 9.368 min Scan# 1069

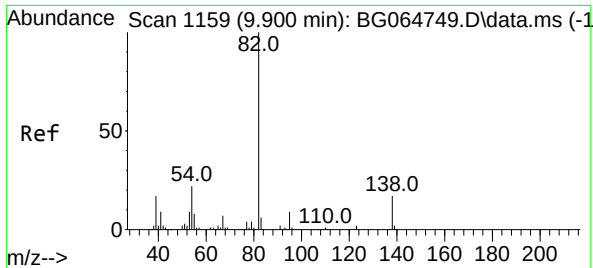
Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Tgt Ion:	77	Resp:	168595
Ion	Ratio	Lower	Upper
77	100		
123	42.4	36.5	54.7
65	15.4	13.5	20.3





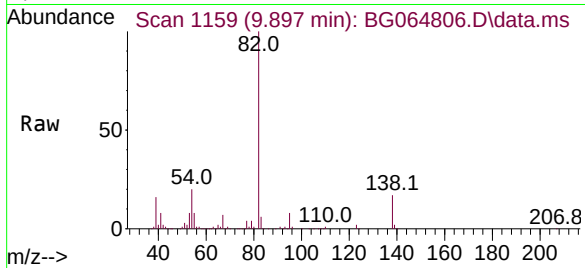
#25
Isophorone
Concen: 42.505 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

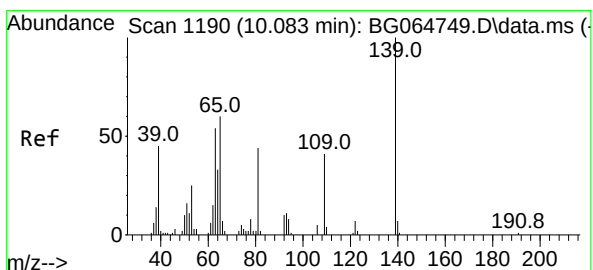
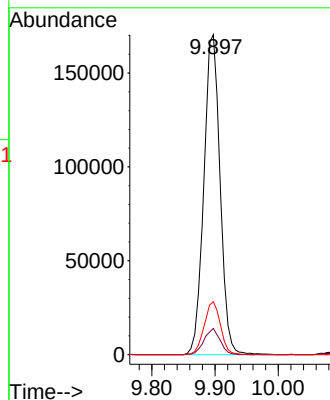
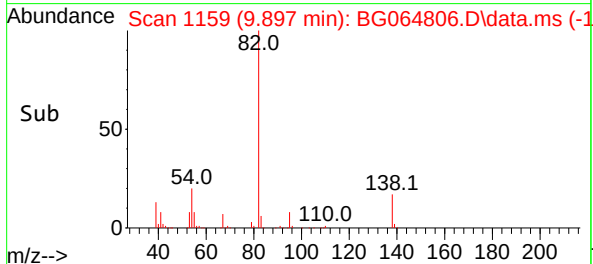
NB-07-111725MSD



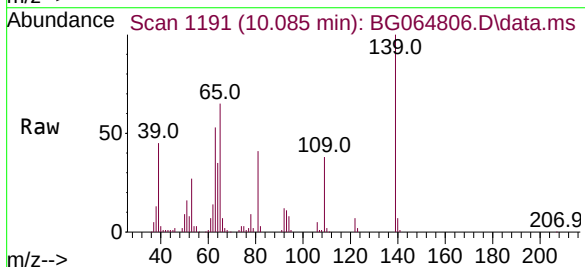
Tgt Ion: 82 Resp: 304278
Ion Ratio Lower Upper
82 100
95 8.2 6.9 10.3
138 16.5 13.9 20.9

Manual Integrations
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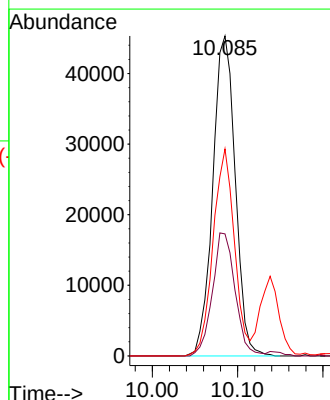
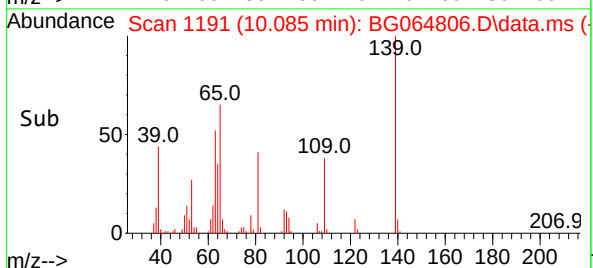
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

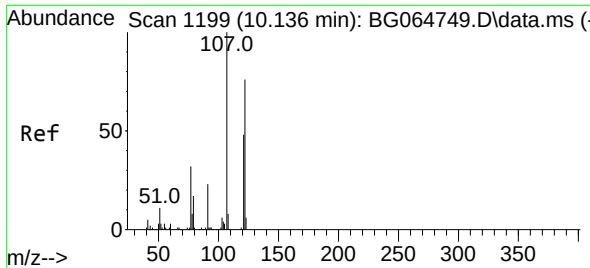


#26
2-Nitrophenol
Concen: 48.537 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



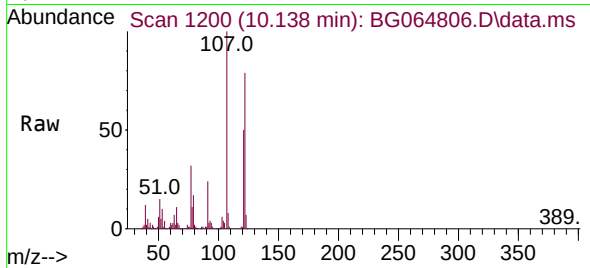
Tgt Ion:139 Resp: 82924
Ion Ratio Lower Upper
139 100
109 38.2 32.5 48.7
65 64.7 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 45.158 ng
RT: 10.138 min Scan# 1199
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

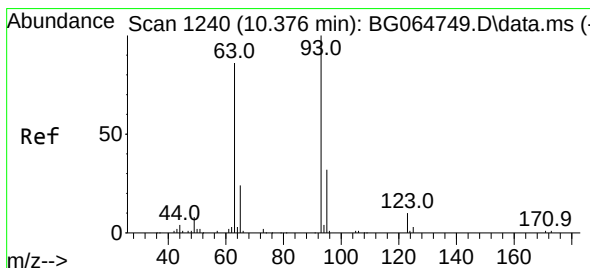
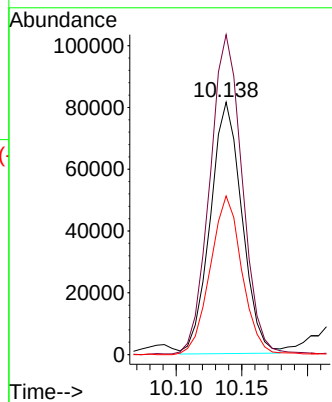
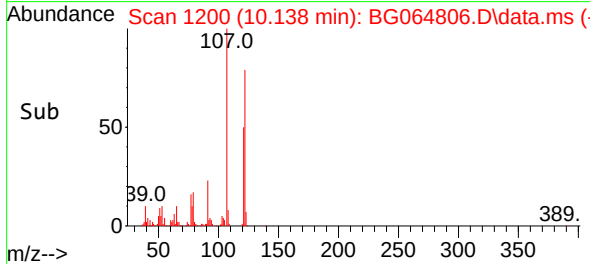
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion:122 Resp: 137062
Ion Ratio Lower Upper
122 100
107 126.8 102.5 153.7
121 62.9 49.0 73.6

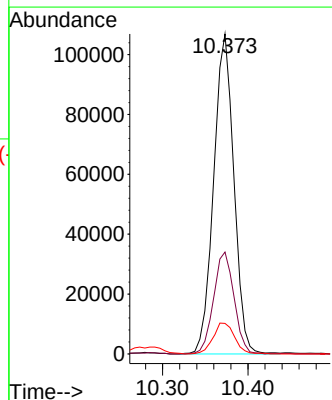
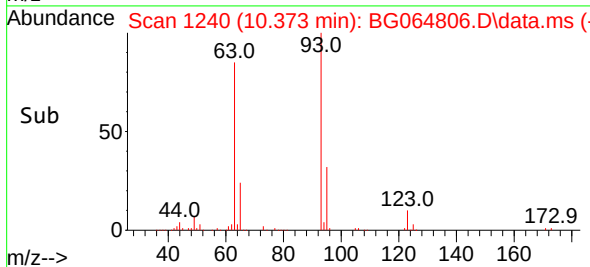
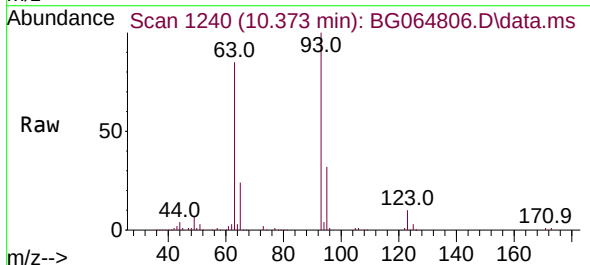
Manual Integrations
APPROVED

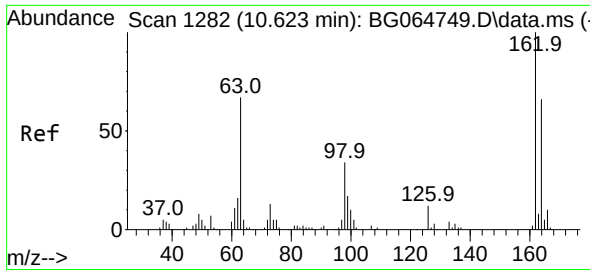
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.731 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion: 93 Resp: 175795
Ion Ratio Lower Upper
93 100
95 31.8 25.4 38.2
123 9.5 8.1 12.1





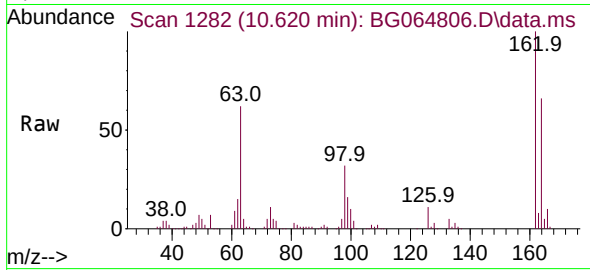
#29
2,4-Dichlorophenol
Concen: 49.677 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

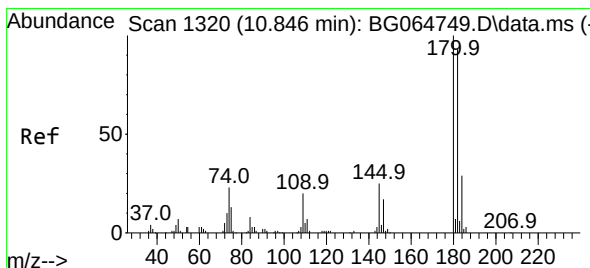
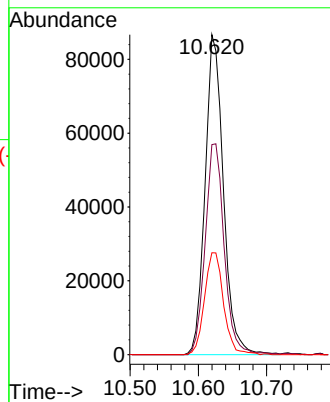
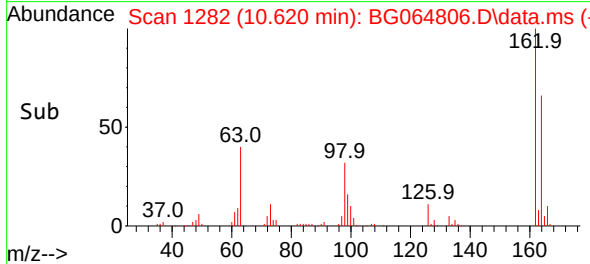
NB-07-111725MSD



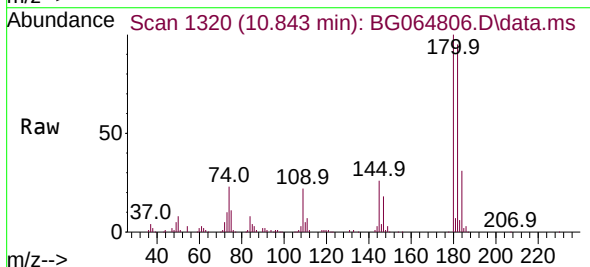
Tgt Ion:162 Resp: 161878
Ion Ratio Lower Upper
162 100
164 65.6 46.0 86.0
98 31.8 14.2 54.2

Manual Integrations
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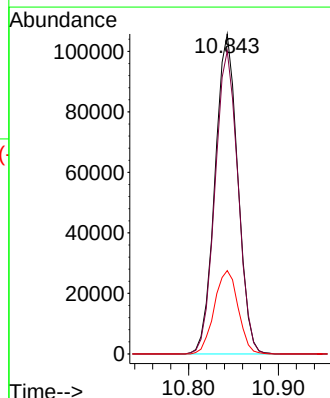
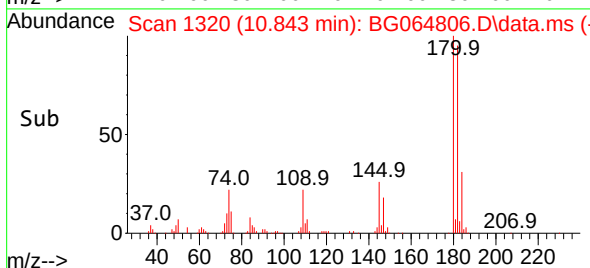
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

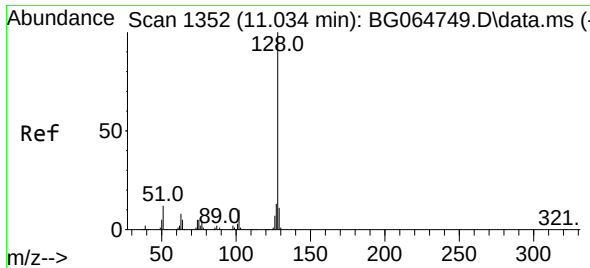


#30
1,2,4-Trichlorobenzene
Concen: 47.477 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



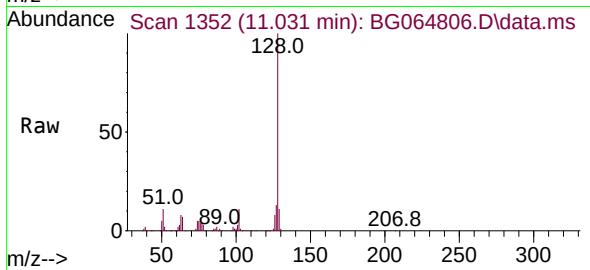
Tgt Ion:180 Resp: 186815
Ion Ratio Lower Upper
180 100
182 94.7 74.2 111.4
145 26.0 20.0 30.0





#31
Naphthalene
Concen: 44.122 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

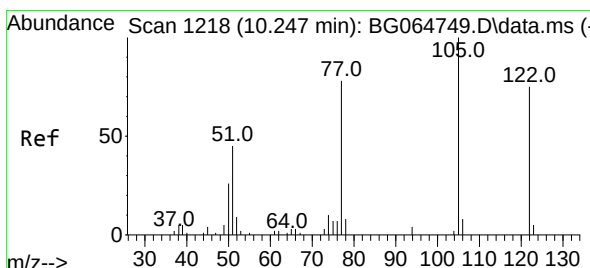
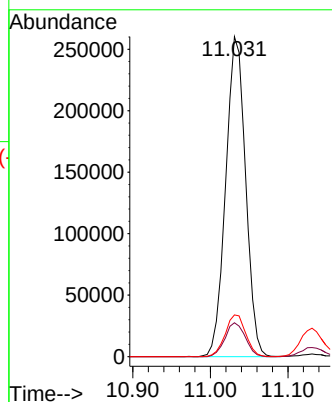
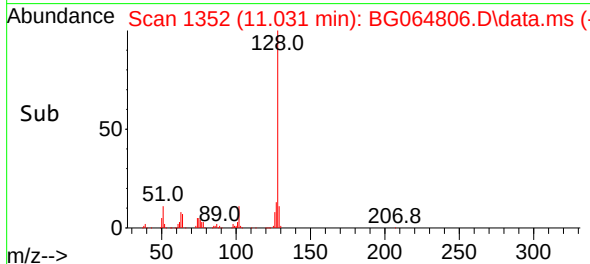
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion:128 Resp: 464876
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.1 10.6 16.0

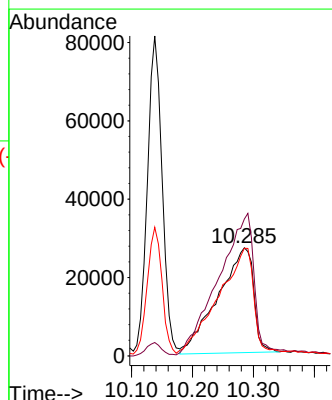
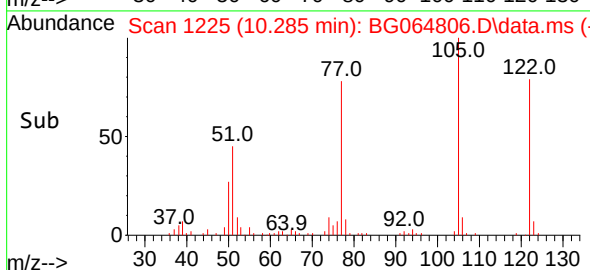
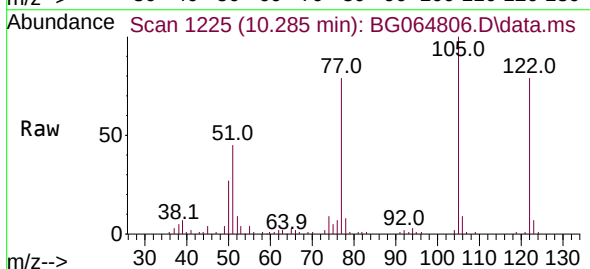
Manual Integrations
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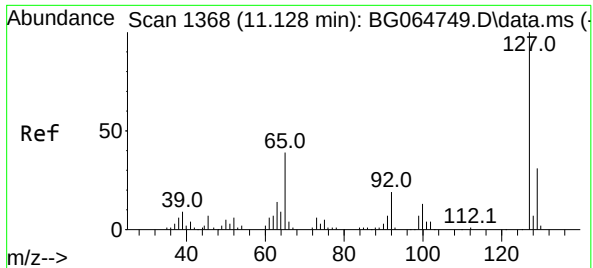
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#32
Benzoic acid
Concen: 50.446 ng
RT: 10.285 min Scan# 1225
Delta R.T. 0.038 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:122 Resp: 108794
Ion Ratio Lower Upper
122 100
105 126.6 107.6 147.6
77 99.7 82.5 122.5





#33
4-Chloroaniline
Concen: 11.700 ng
RT: 11.131 min Scan# 1369
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

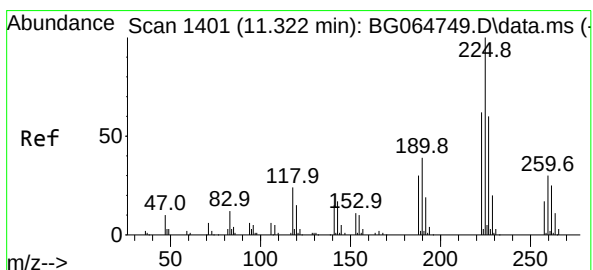
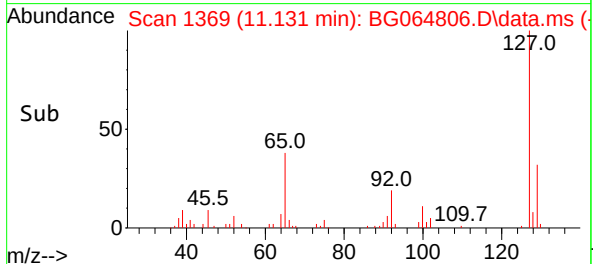
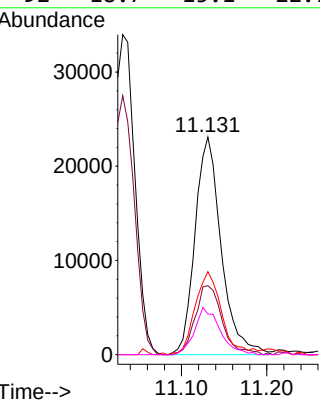
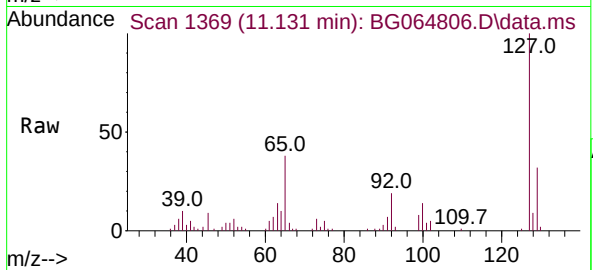
ClientSampleId :

NB-07-111725MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.9	37.3
65	38.2	30.9	46.3
92	18.7	15.1	22.7

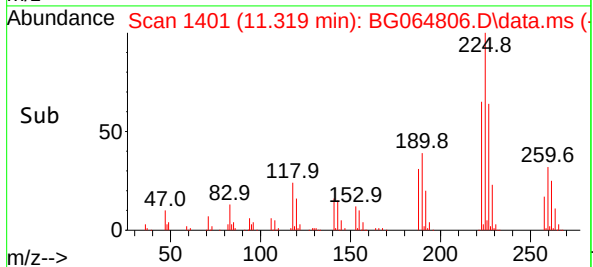
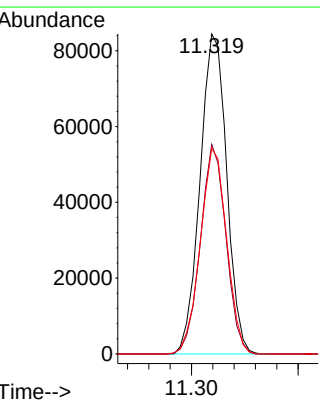
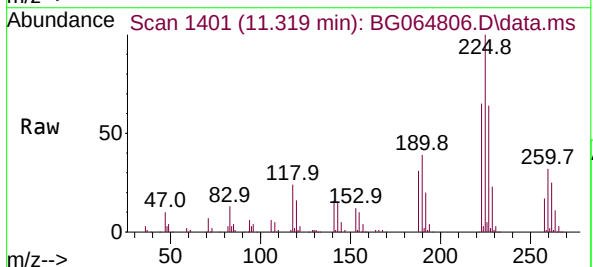
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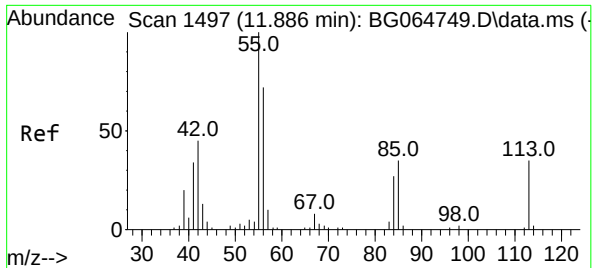
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#34
Hexachlorobutadiene
Concen: 43.465 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.9	74.9
227	64.2	50.6	75.8





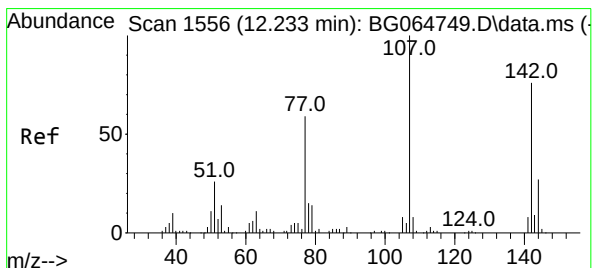
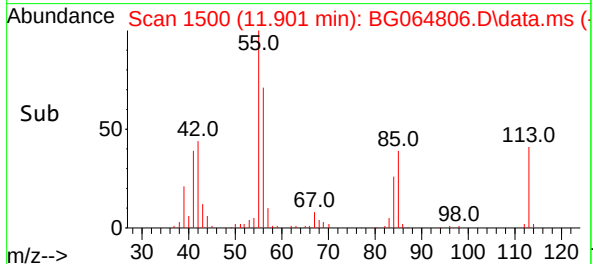
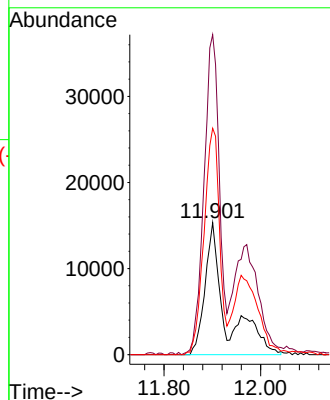
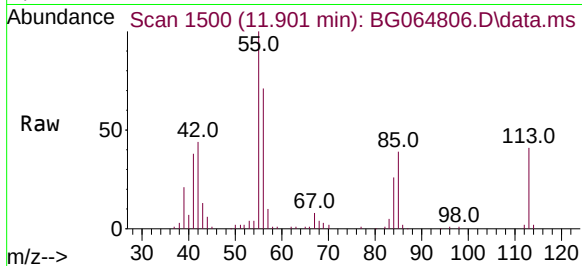
#35
Caprolactam
Concen: 47.495 ng m
RT: 11.901 min Scan# 11
Delta R.T. 0.014 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD

Tgt Ion:113 Resp: 4629
Ion Ratio Lower Upper
113 100
55 242.6 263.7 303.7
56 171.6 184.0 224.0

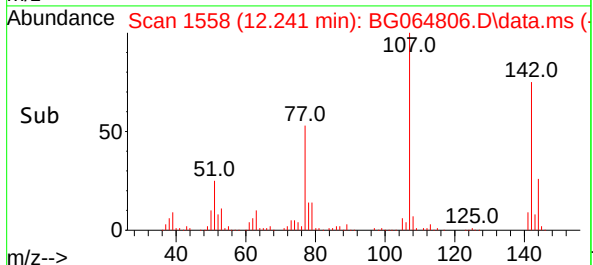
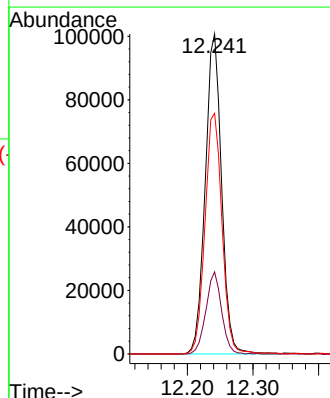
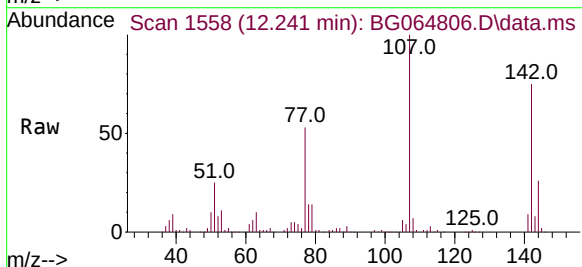
Manual Integrations
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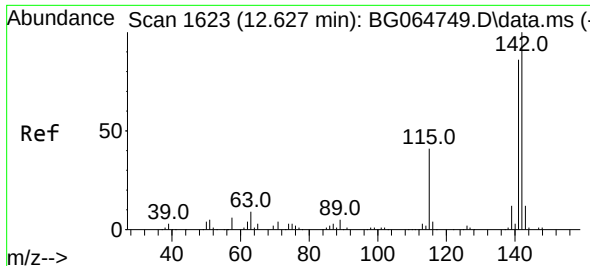
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#36
4-Chloro-3-methylphenol
Concen: 47.800 ng
RT: 12.241 min Scan# 1558
Delta R.T. 0.008 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

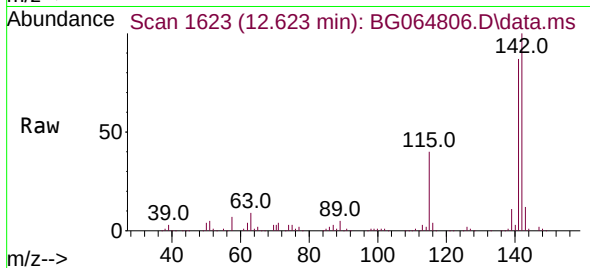
Tgt Ion:107 Resp: 173370
Ion Ratio Lower Upper
107 100
144 25.7 21.7 32.5
142 75.2 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.667 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

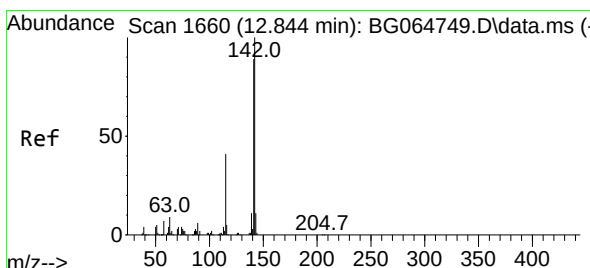
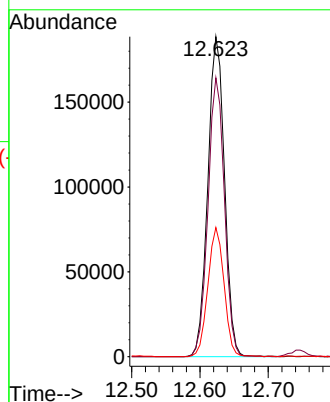
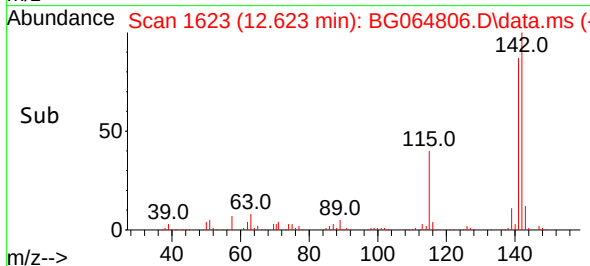
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



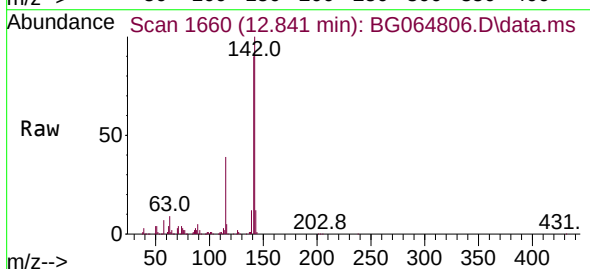
Tgt Ion:142 Resp: 32064
Ion Ratio Lower Upper
142 100
141 87.1 69.1 103.7
115 40.3 32.9 49.3

Manual Integrations
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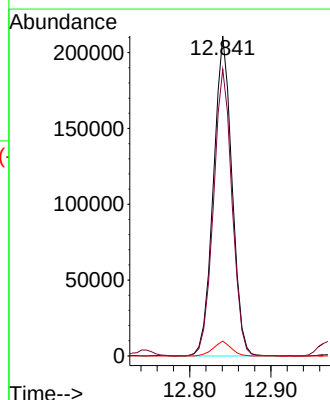
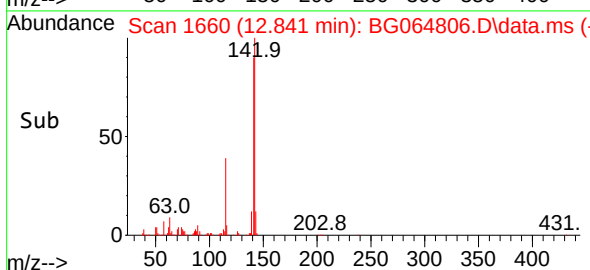
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

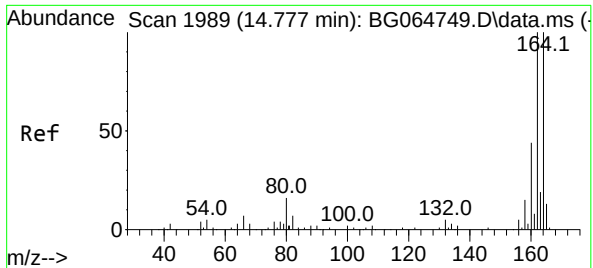


#38
1-Methylnaphthalene
Concen: 42.749 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



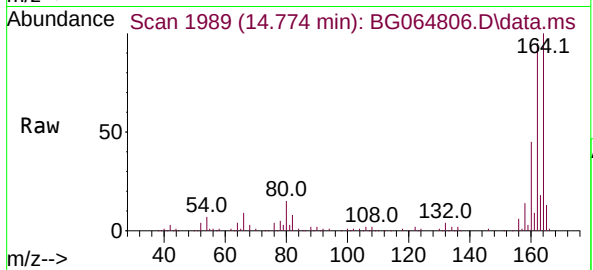
Tgt Ion:142 Resp: 334820
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2
116 4.6 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

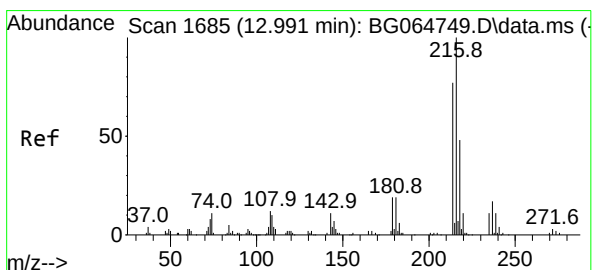
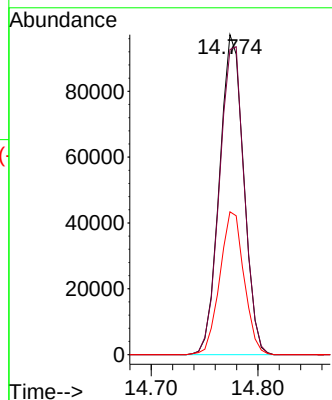
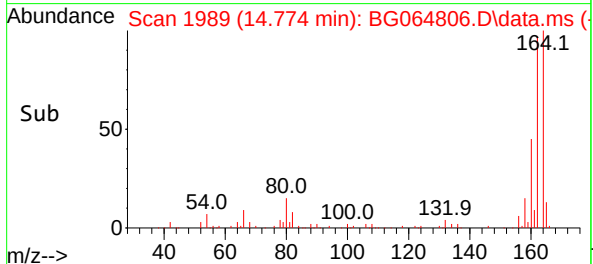
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



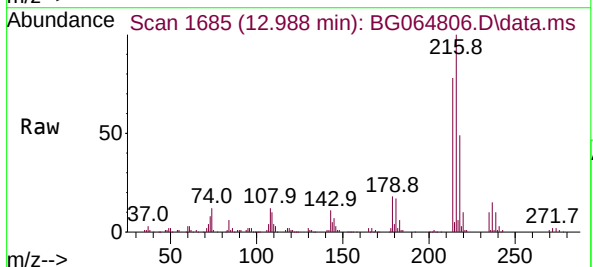
Tgt Ion:164 Resp: 153717
Ion Ratio Lower Upper
164 100
162 95.3 79.8 119.6
160 44.6 34.9 52.3

Manual Integrations
APPROVED

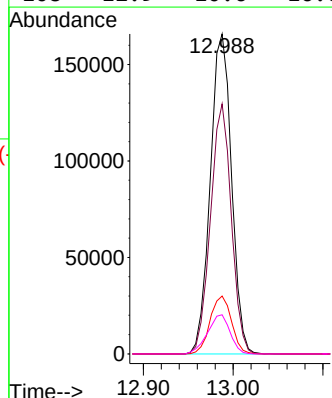
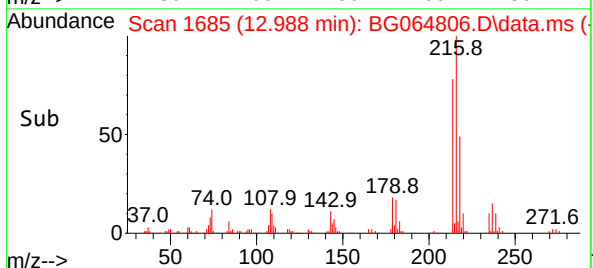
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

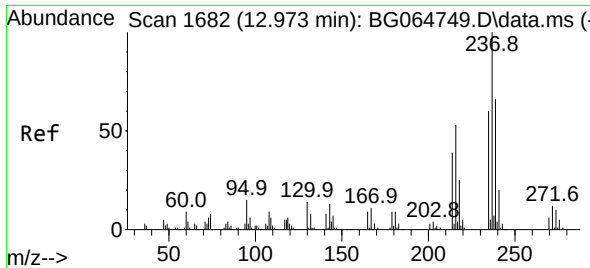


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.656 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



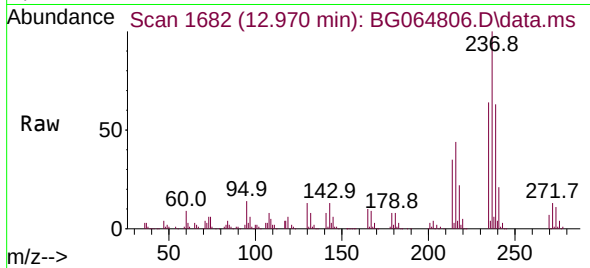
Tgt Ion:216 Resp: 273123
Ion Ratio Lower Upper
216 100
214 76.4 60.5 90.7
179 18.2 14.7 22.1
108 12.9 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 42.342 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

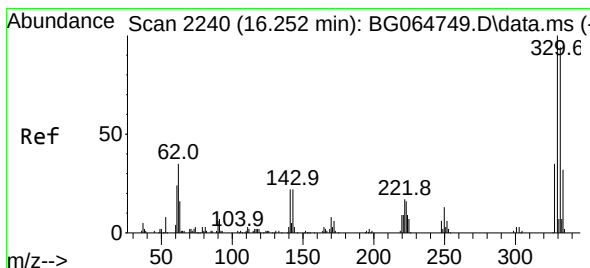
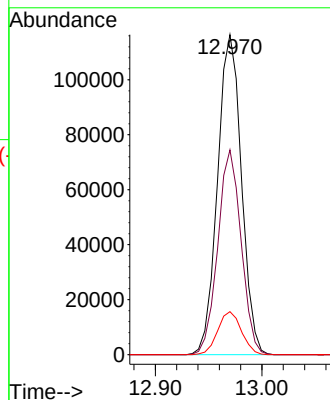
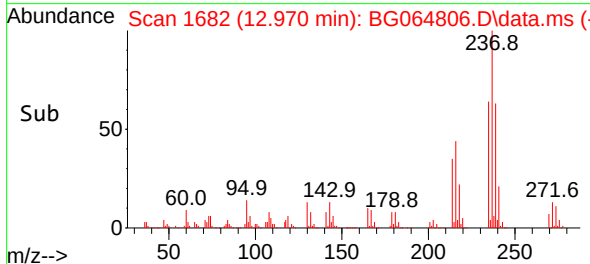
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



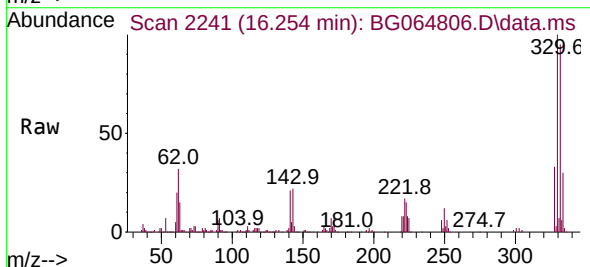
Tgt Ion: 237 Resp: 181558
Ion Ratio Lower Upper
237 100
235 64.0 40.2 80.2
272 13.4 0.0 31.9

Manual Integrations
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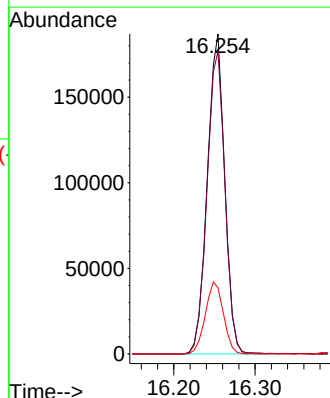
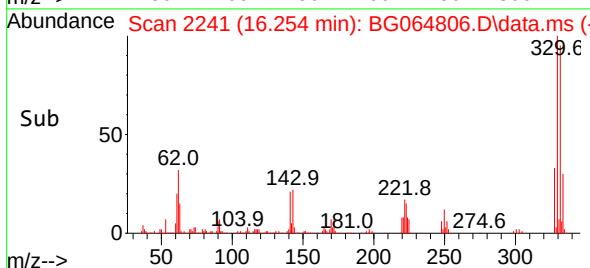
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

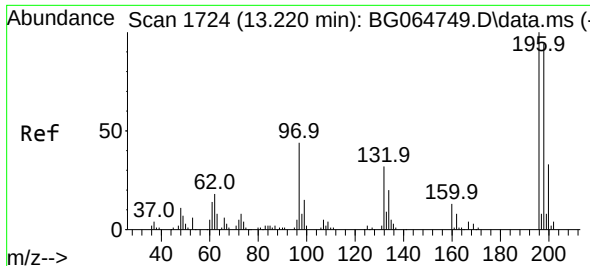


#42
2,4,6-Tribromophenol
Concen: 92.961 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion: 330 Resp: 278694
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 23.3 18.2 27.2





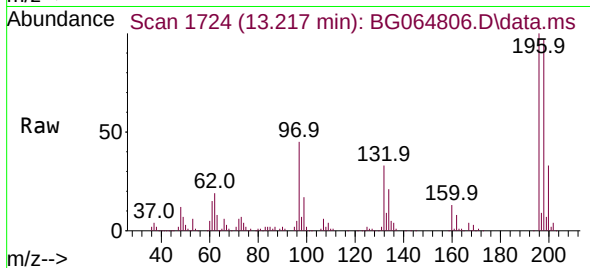
#43
2,4,6-Trichlorophenol
Concen: 47.210 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

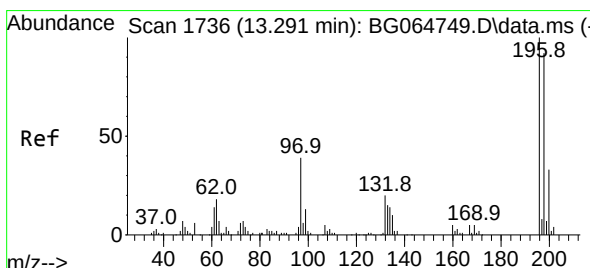
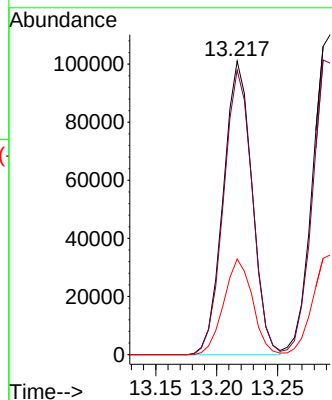
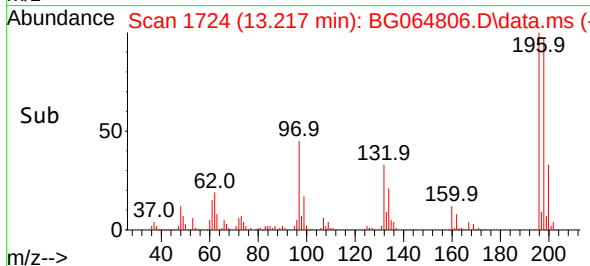
NB-07-111725MSD



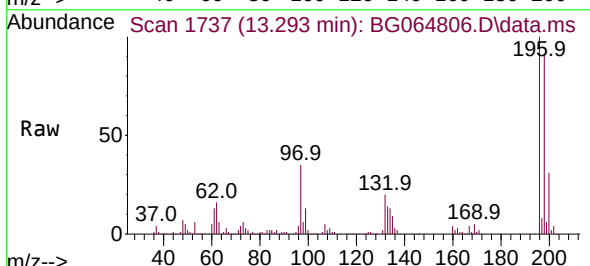
Tgt Ion:196 Resp: 16575
Ion Ratio Lower Upper
196 100
198 96.9 75.3 112.9
200 32.6 26.2 39.2

Manual Integrations
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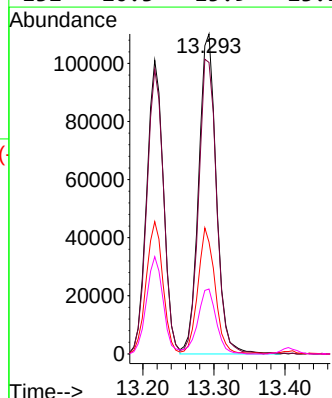
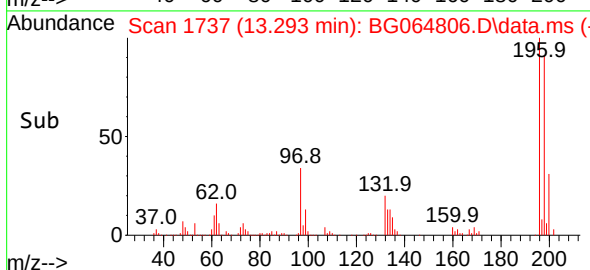
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

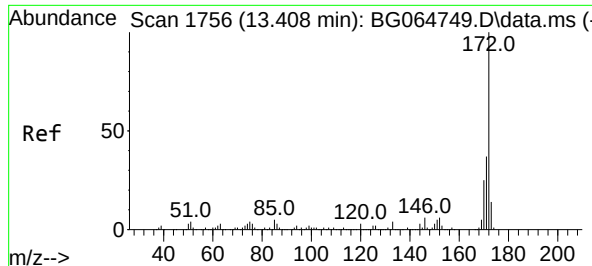


#44
2,4,5-Trichlorophenol
Concen: 48.171 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion:196 Resp: 189692
Ion Ratio Lower Upper
196 100
198 91.1 73.2 109.8
97 34.9 31.4 47.0
132 20.3 15.9 23.9





#45

2-Fluorobiphenyl

Concen: 57.298 ng

RT: 13.405 min Scan# 1756

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Tgt Ion:172 Resp: 631225

Ion Ratio Lower Upper

172 100

171 36.8 29.9 44.9

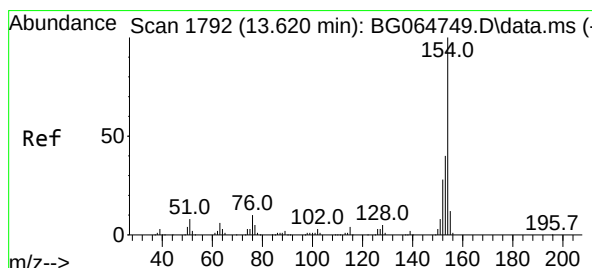
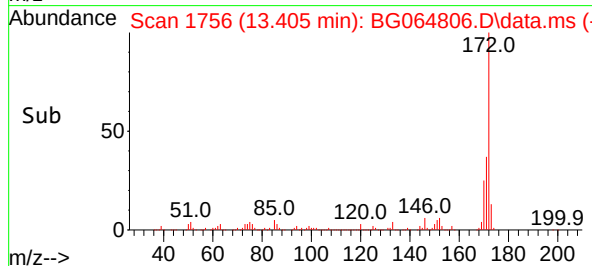
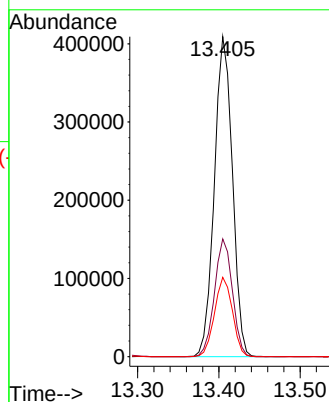
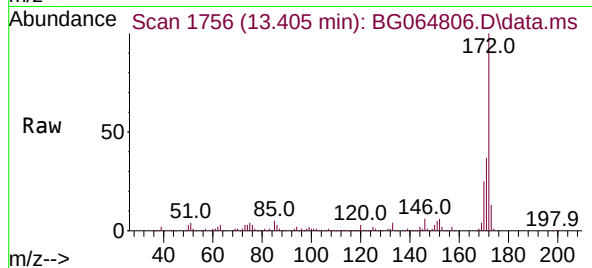
170 24.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#46

1,1'-Biphenyl

Concen: 44.740 ng

RT: 13.616 min Scan# 1792

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

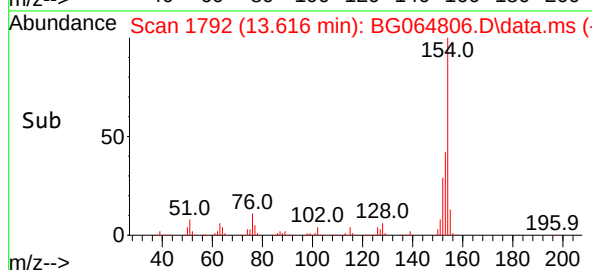
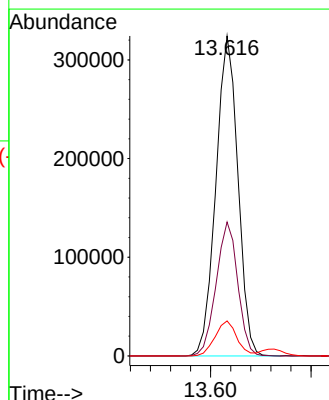
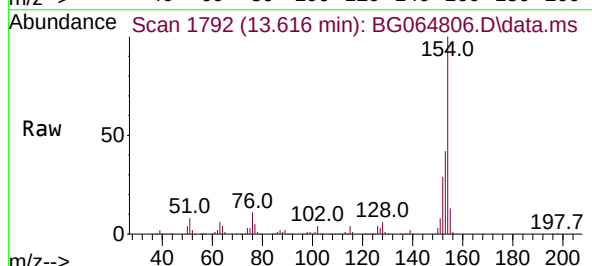
Tgt Ion:154 Resp: 493951

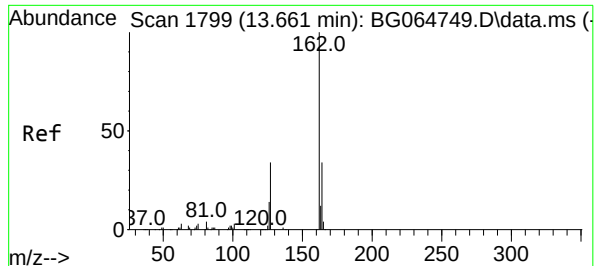
Ion Ratio Lower Upper

154 100

153 41.8 19.8 59.8

76 10.9 0.0 30.0





#47

2-Chloronaphthalene

Concen: 44.601 ng

RT: 13.663 min Scan# 1800

Delta R.T. 0.002 min

Lab File: BG064806.D

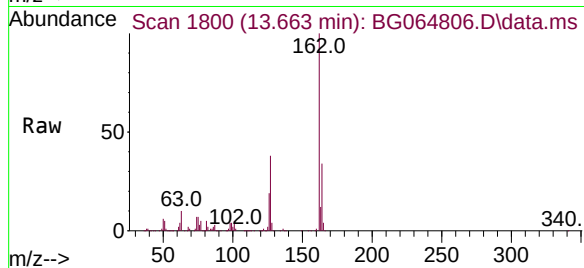
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD



Tgt Ion:162 Resp: 387936

Ion Ratio Lower Upper

162 100

127 37.9 30.3 45.5

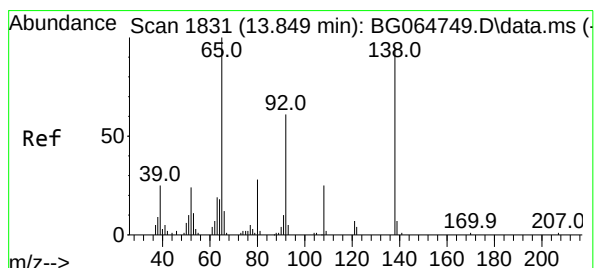
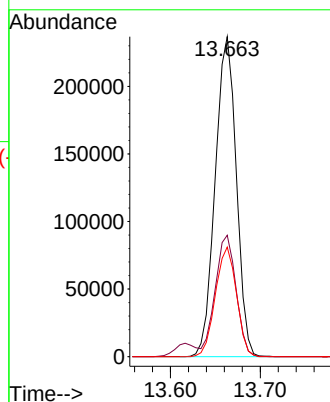
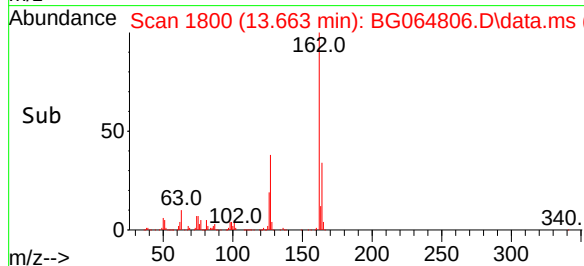
164 34.3 26.8 40.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#48

2-Nitroaniline

Concen: 46.542 ng

RT: 13.851 min Scan# 1832

Delta R.T. 0.002 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

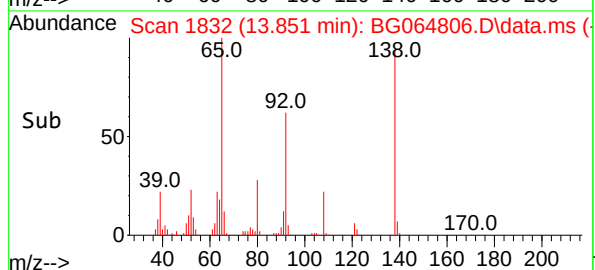
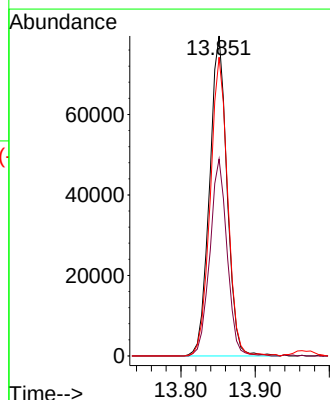
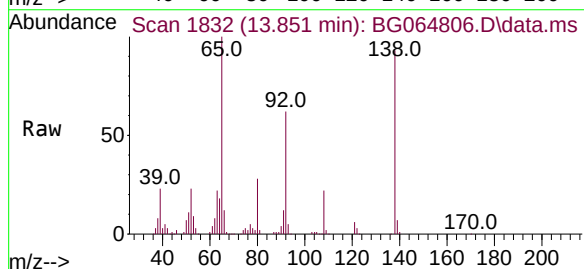
Tgt Ion: 65 Resp: 130207

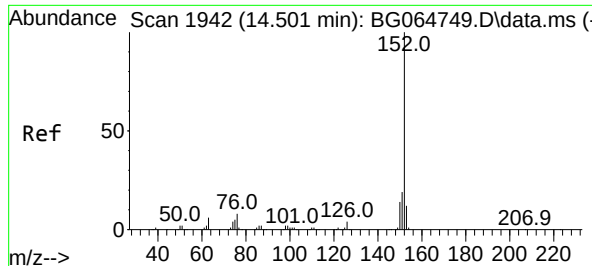
Ion Ratio Lower Upper

65 100

92 61.5 48.6 73.0

138 93.4 76.4 114.6





#49

Acenaphthylene

Concen: 45.005 ng

RT: 14.503 min Scan# 1942

Delta R.T. 0.002 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Tgt Ion:152 Resp: 668768

Ion Ratio Lower Upper

152 100

151 19.4 15.0 22.4

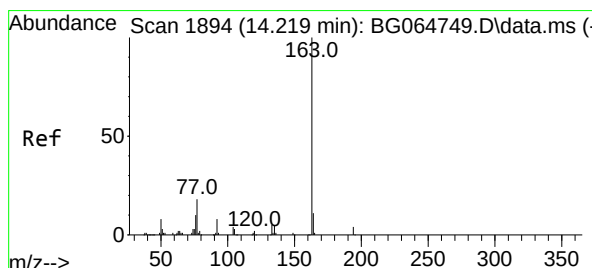
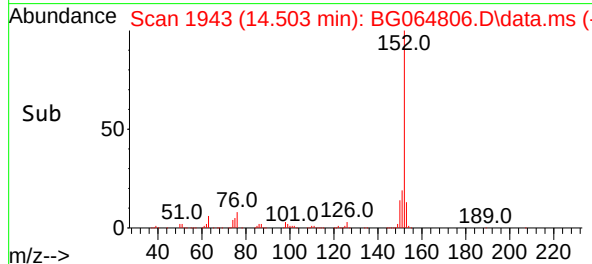
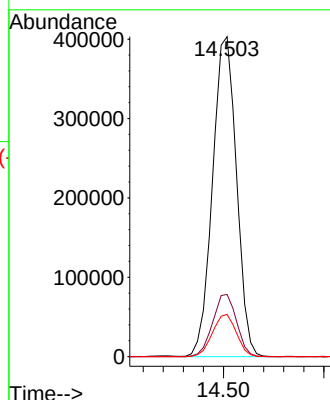
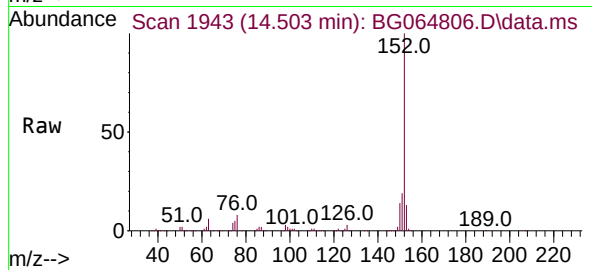
153 13.2 9.9 14.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#50

Dimethylphthalate

Concen: 42.060 ng

RT: 14.221 min Scan# 1895

Delta R.T. 0.002 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

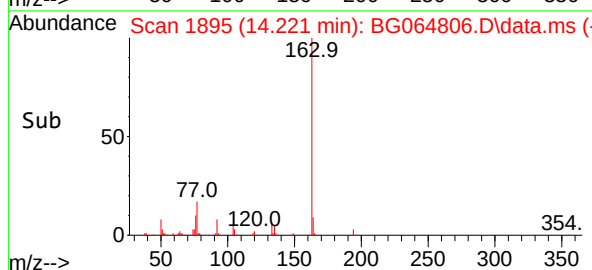
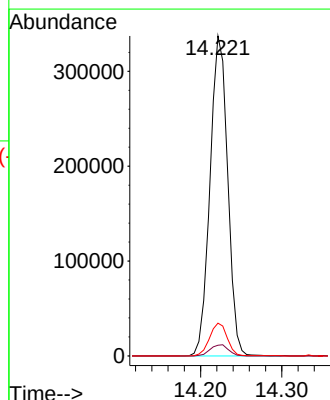
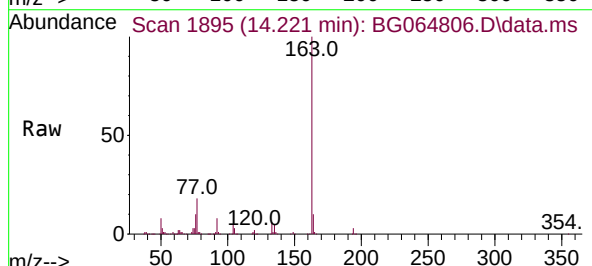
Tgt Ion:163 Resp: 510718

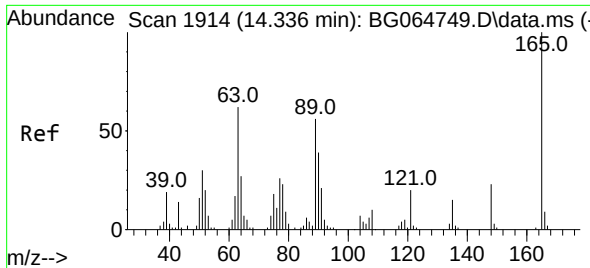
Ion Ratio Lower Upper

163 100

194 3.3 3.1 4.7

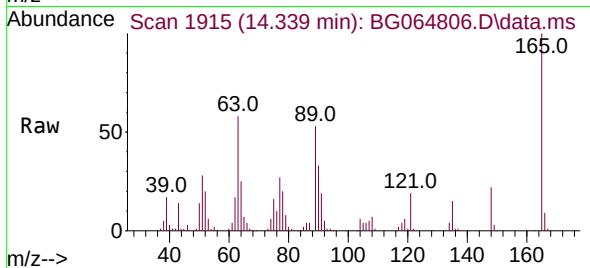
164 10.2 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 47.913 ng
RT: 14.339 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

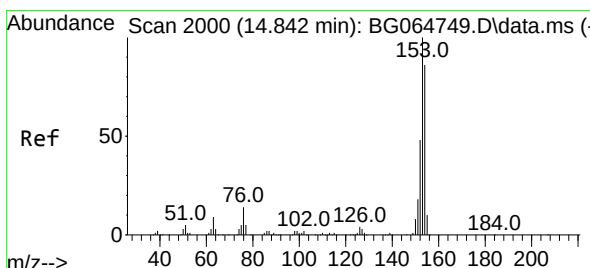
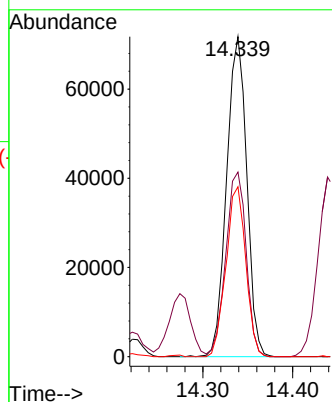
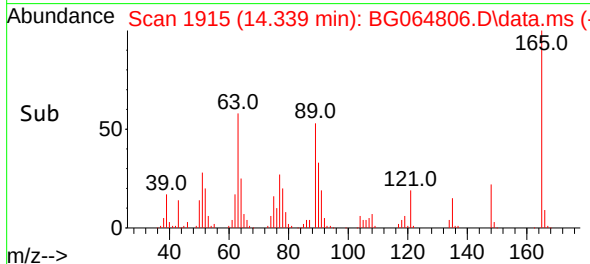
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



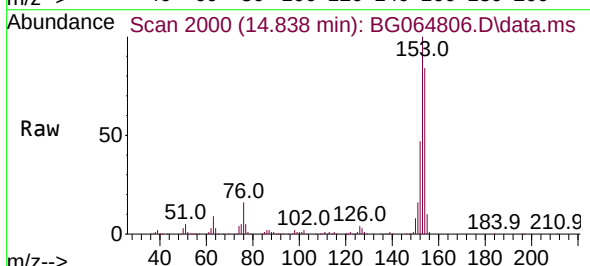
Tgt Ion:165 Resp: 11195
Ion Ratio Lower Upper
165 100
63 57.7 49.8 74.8
89 53.1 45.0 67.4

Manual Integrations
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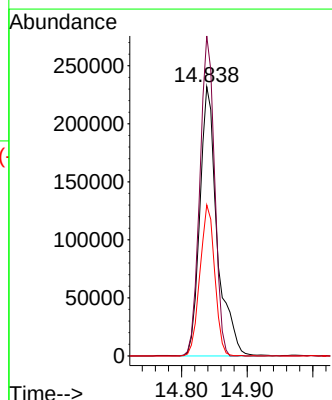
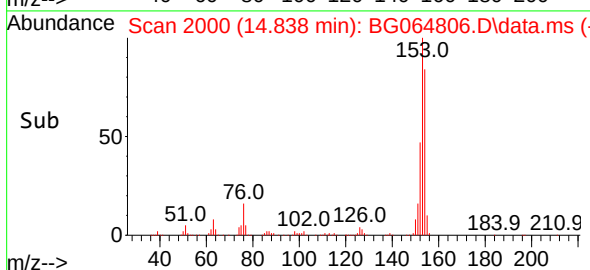
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

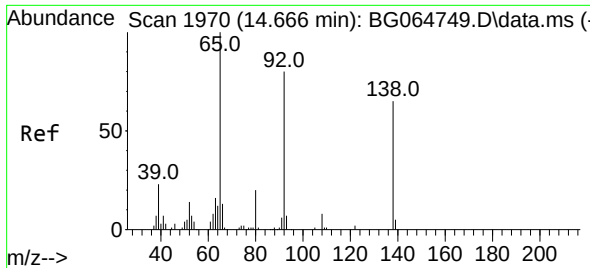


#52
Acenaphthene
Concen: 47.593 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion:154 Resp: 424042
Ion Ratio Lower Upper
154 100
153 118.8 93.0 139.4
152 56.0 44.4 66.6





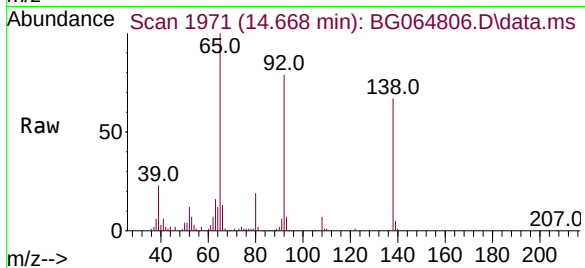
#53
3-Nitroaniline
Concen: 28.758 ng
RT: 14.668 min Scan# 1970
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

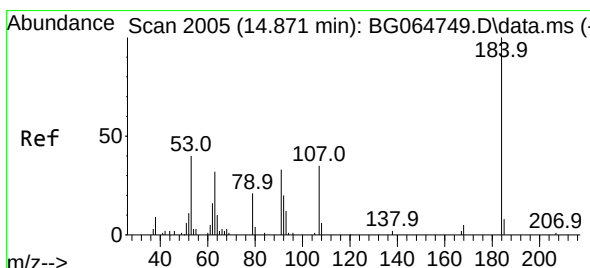
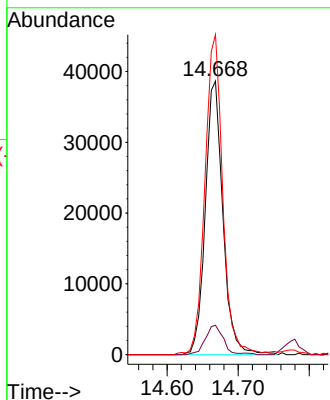
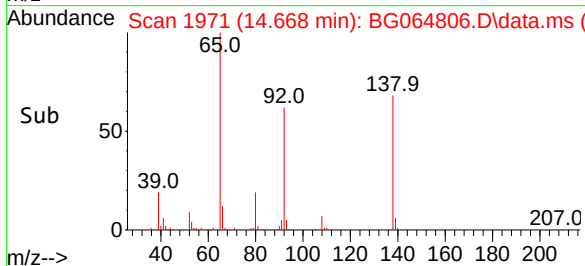
NB-07-111725MSD



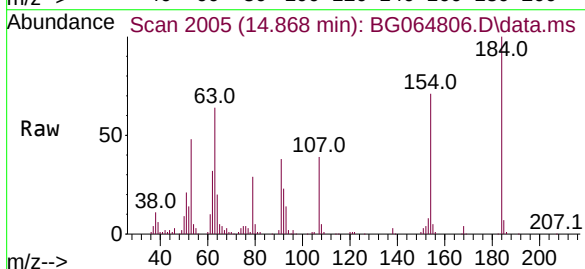
Tgt Ion:138 Resp: 66320
Ion Ratio Lower Upper
138 100
108 10.7 9.5 14.3
92 117.0 99.0 148.4

Manual Integrations
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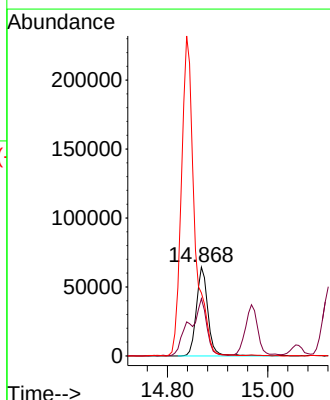
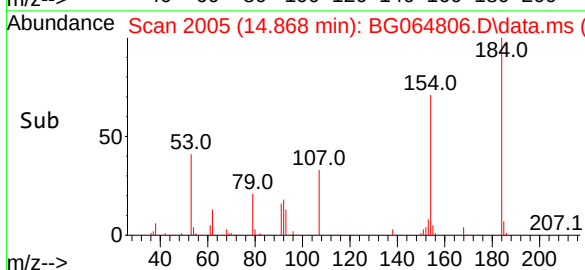
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

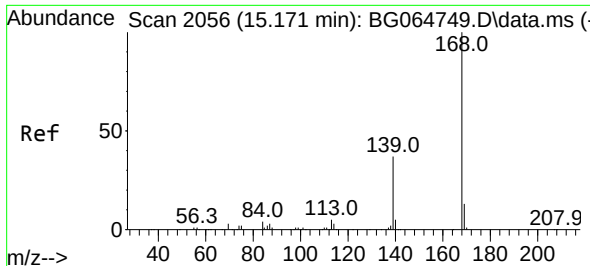


#54
2,4-Dinitrophenol
Concen: 65.869 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion:184 Resp: 102708
Ion Ratio Lower Upper
184 100
63 64.5 45.8 68.6
154 70.9 52.6 78.8





#55

Dibenzofuran

Concen: 44.813 ng

RT: 15.167 min Scan# 2056

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Tgt Ion:168 Resp: 660092

Ion Ratio Lower Upper

168 100

139 35.2 29.5 44.3

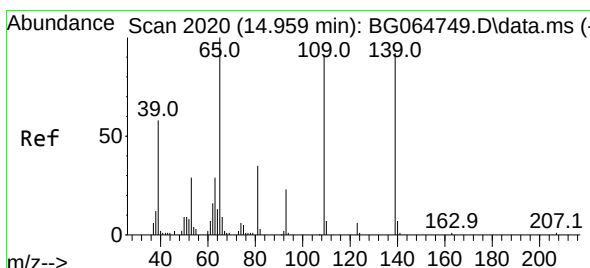
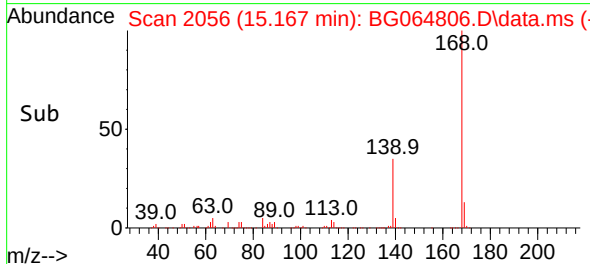
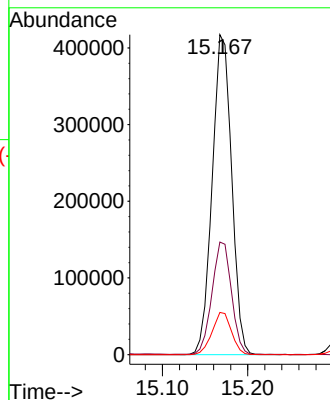
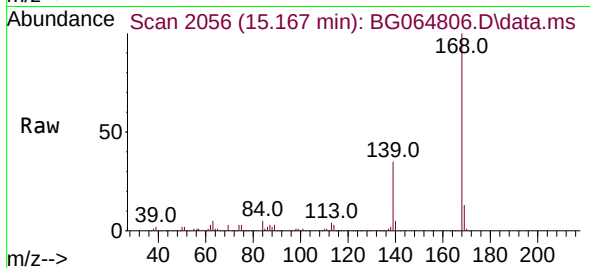
169 13.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#56

4-Nitrophenol

Concen: 96.115 ng

RT: 14.968 min Scan# 2022

Delta R.T. 0.008 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

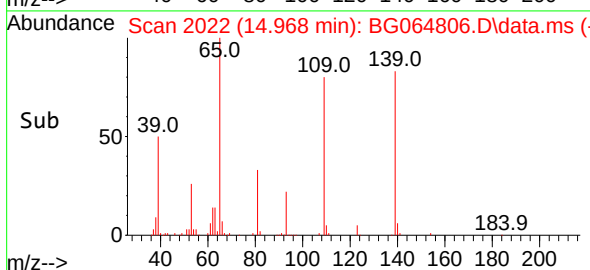
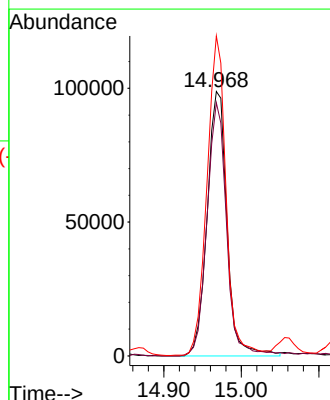
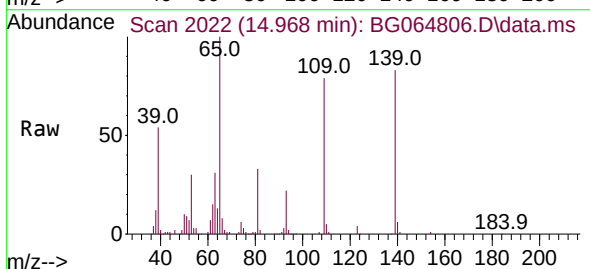
Tgt Ion:139 Resp: 175859

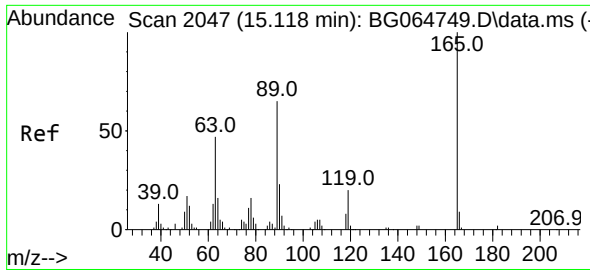
Ion Ratio Lower Upper

139 100

109 95.7 79.7 119.7

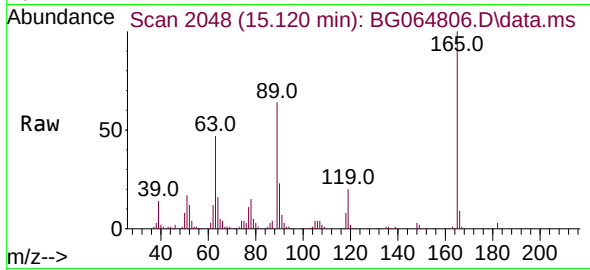
65 121.0 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 46.520 ng
RT: 15.120 min Scan# 2047
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

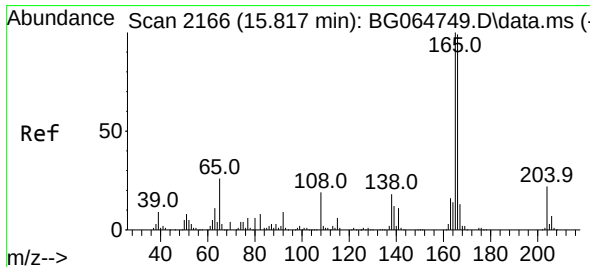
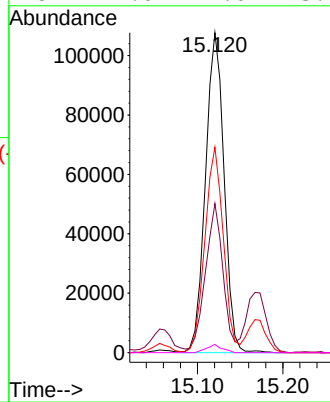
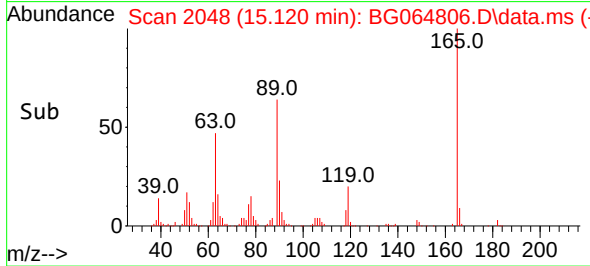
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion:165 Resp: 16295
Ion Ratio Lower Upper
165 100
63 46.6 37.8 56.6
89 64.2 51.6 77.4
182 2.6 2.0 3.0

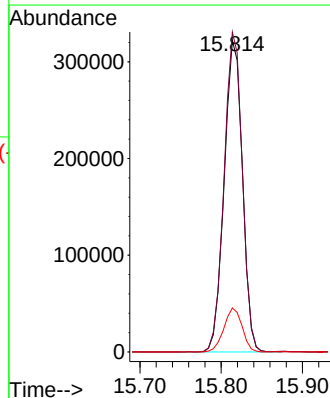
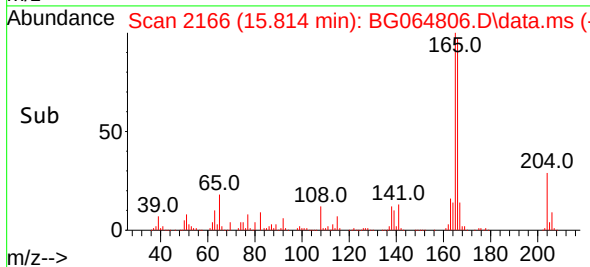
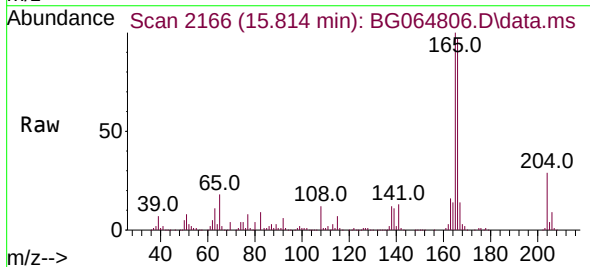
Manual Integrations
APPROVED

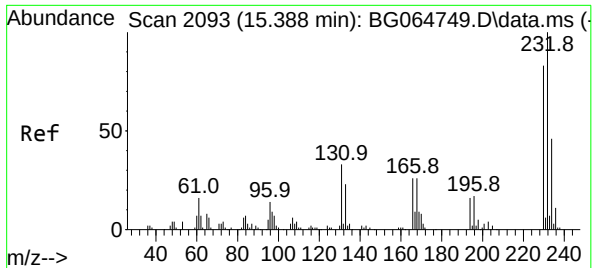
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#58
Fluorene
Concen: 43.432 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:166 Resp: 501755
Ion Ratio Lower Upper
166 100
165 102.7 80.5 120.7
167 14.1 10.3 15.5





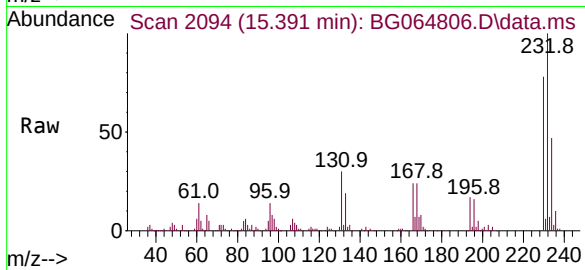
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.394 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

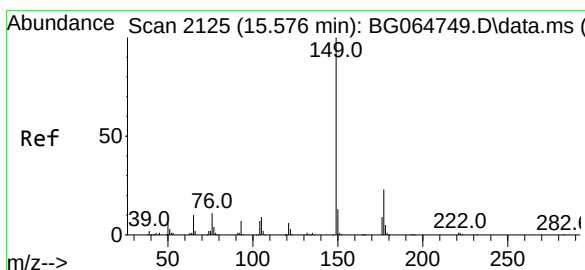
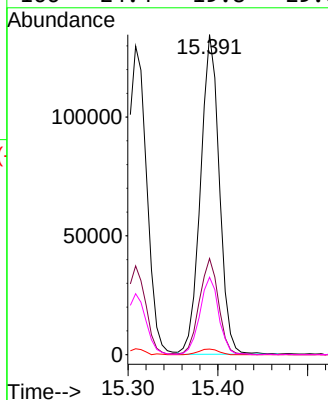
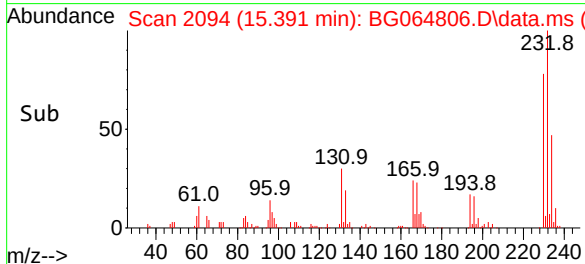


Tgt Ion:232 Resp: 195799
Ion Ratio Lower Upper
232 100
131 30.6 26.0 39.0
130 1.8 1.6 2.4
166 24.4 19.8 29.6

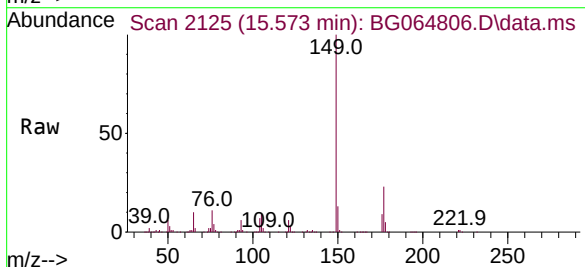
Manual Integrations

APPROVED

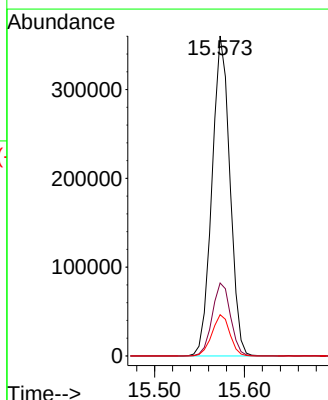
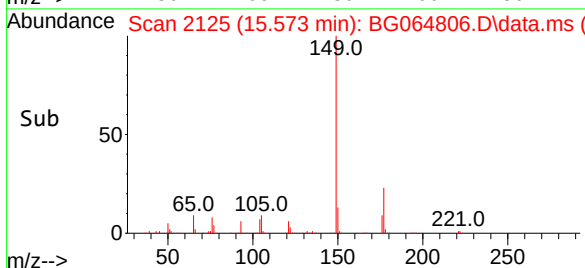
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

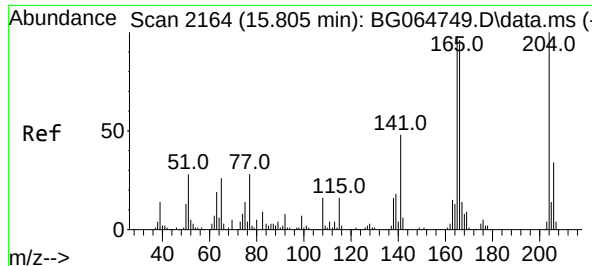


#60
Diethylphthalate
Concen: 43.057 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



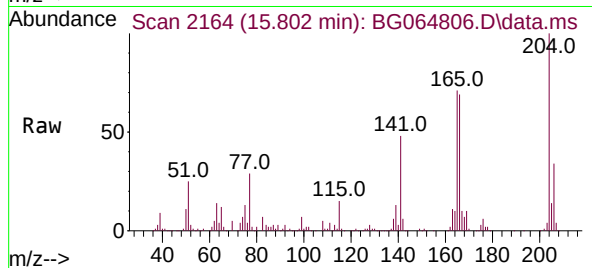
Tgt Ion:149 Resp: 500848
Ion Ratio Lower Upper
149 100
177 22.8 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.396 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

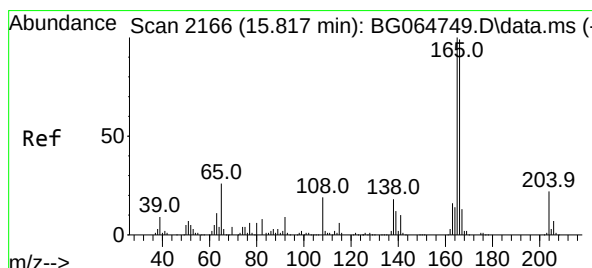
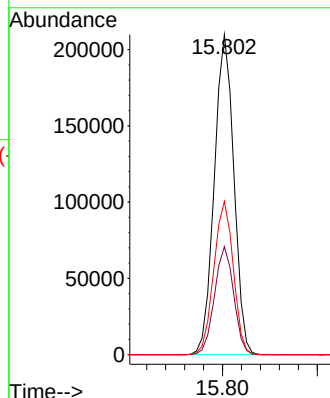
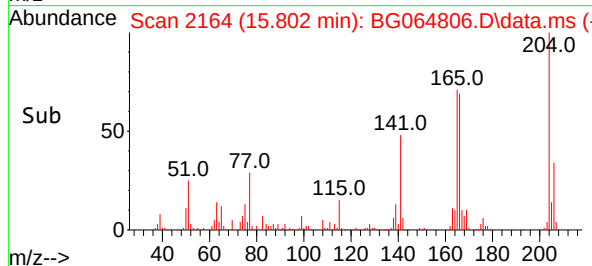
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



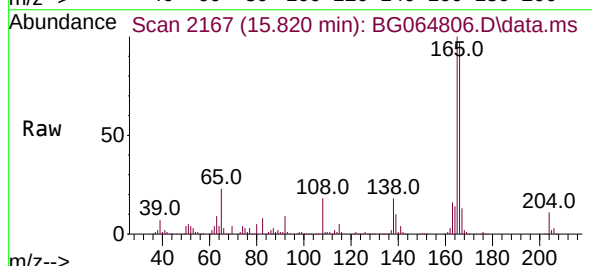
Tgt Ion:204 Resp: 300874
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 47.9 38.1 57.1

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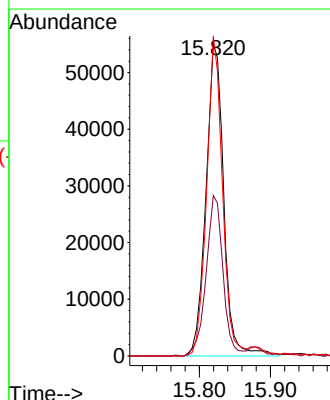
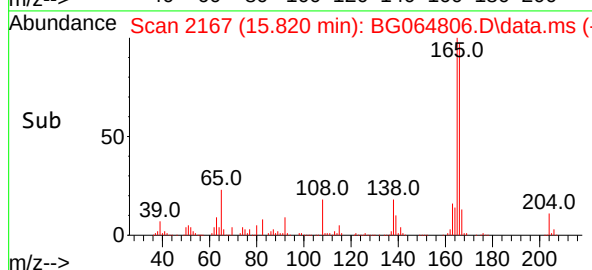
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

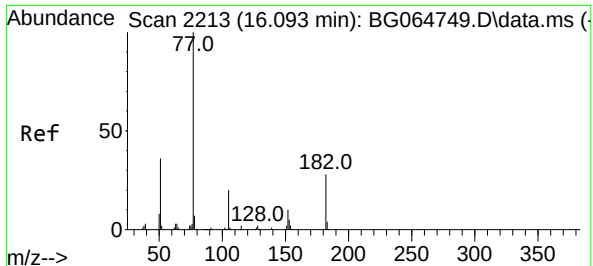


#62
4-Nitroaniline
Concen: 39.885 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



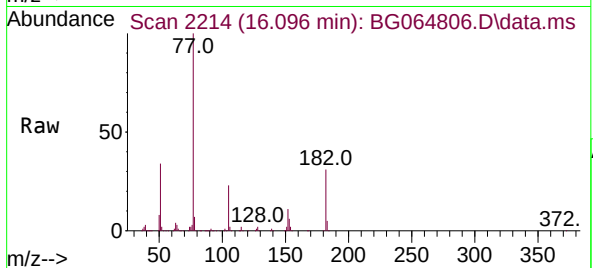
Tgt Ion:138 Resp: 95289
Ion Ratio Lower Upper
138 100
92 51.3 30.7 70.7
108 102.5 85.7 125.7





#63
Azobenzene
Concen: 51.108 ng
RT: 16.096 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

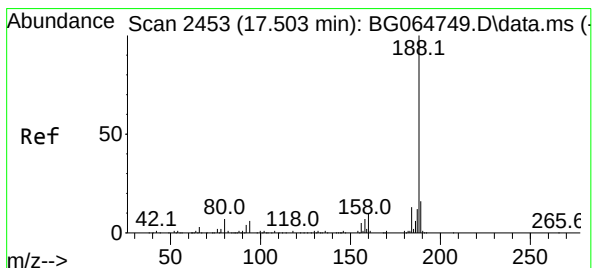
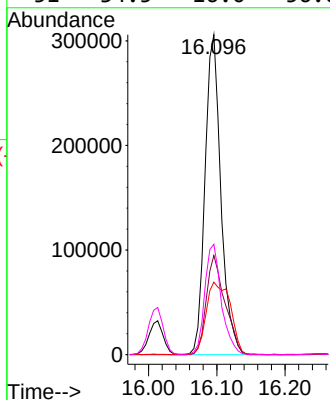
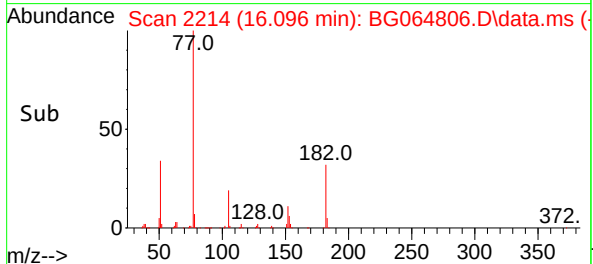
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion: 77 Resp: 494473
Ion Ratio Lower Upper
77 100
182 31.0 8.1 48.1
105 22.6 0.1 40.1
51 34.5 16.0 56.0

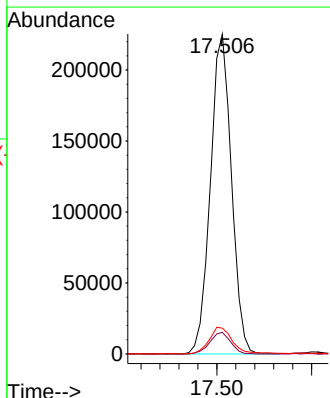
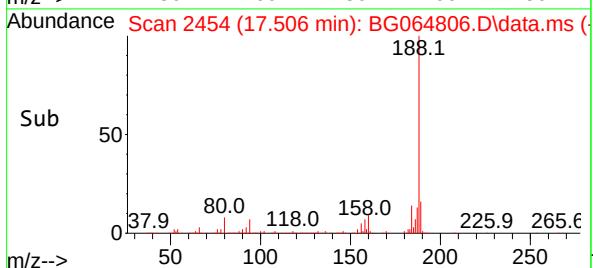
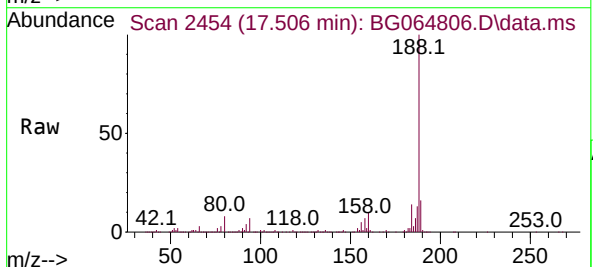
Manual Integrations
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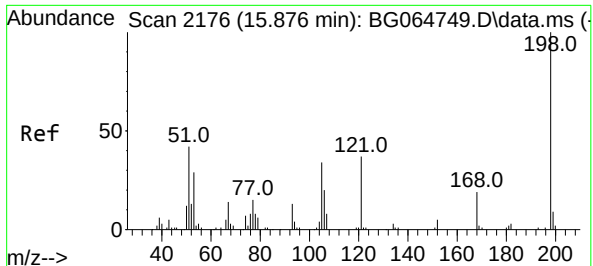
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

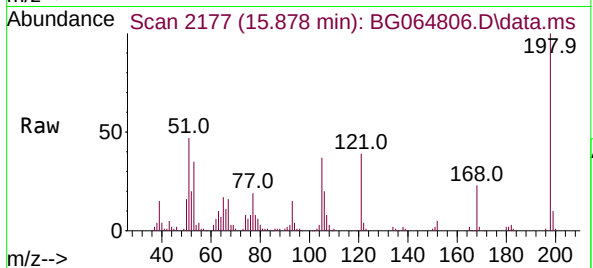
Tgt Ion:188 Resp: 346793
Ion Ratio Lower Upper
188 100
94 6.7 4.7 7.1
80 8.0 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 40.376 ng
RT: 15.878 min Scan# 2177
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

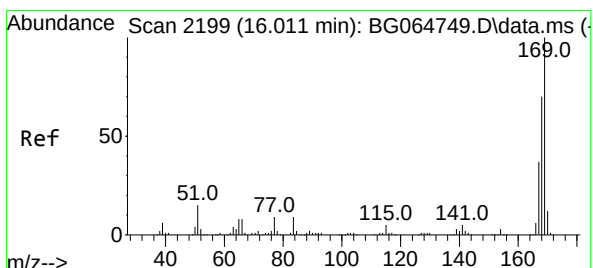
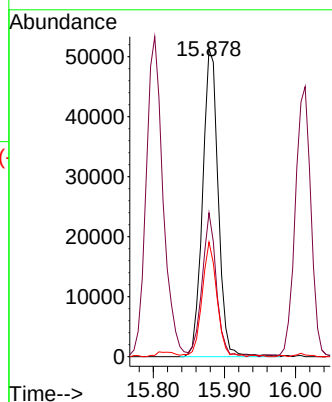
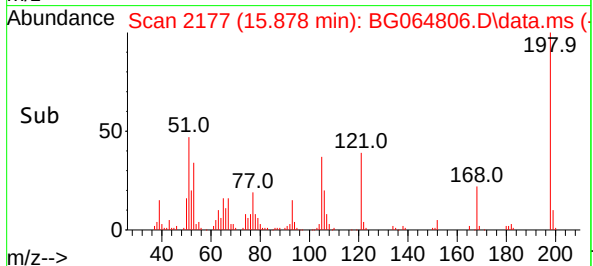
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



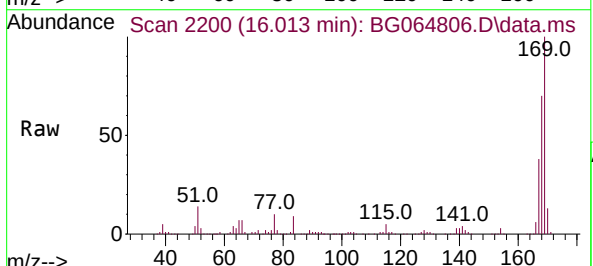
Tgt Ion:198 Resp: 77742
Ion Ratio Lower Upper
198 100
51 46.7 25.2 65.2
105 37.2 14.2 54.2

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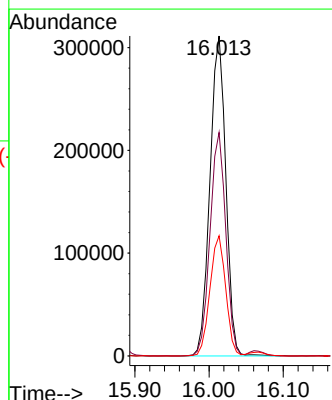
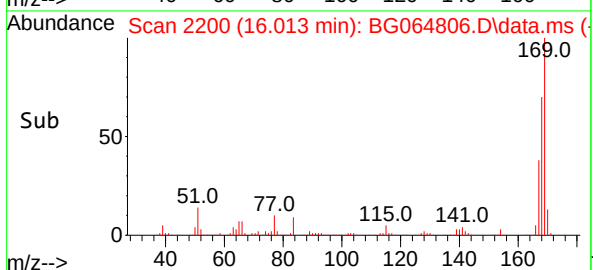
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

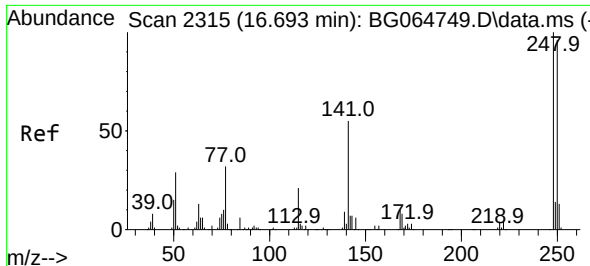


#66
n-Nitrosodiphenylamine
Concen: 50.823 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion:169 Resp: 461656
Ion Ratio Lower Upper
169 100
168 69.9 55.9 83.9
167 37.5 29.8 44.6





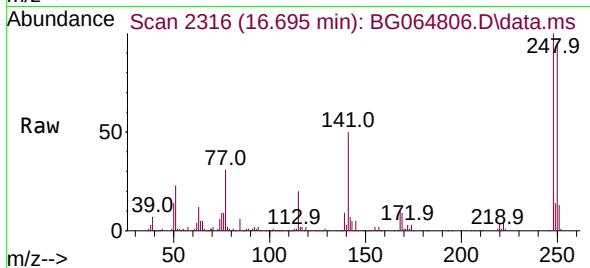
#67
4-Bromophenyl-phenylether
Concen: 49.145 ng
RT: 16.695 min Scan# 2315
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

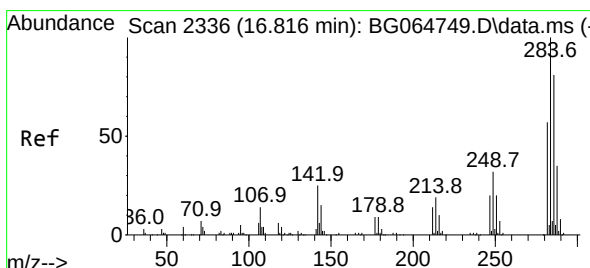
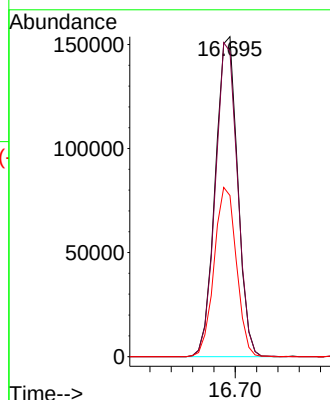
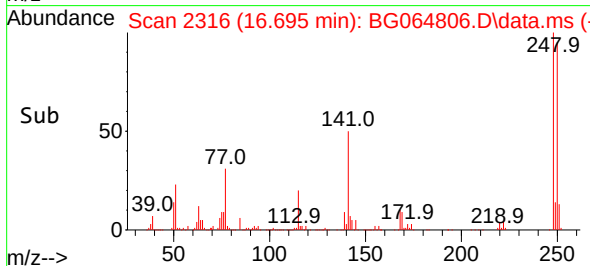


Tgt Ion:248 Resp: 223813
Ion Ratio Lower Upper
248 100
250 95.3 77.0 115.6
141 50.3 43.7 65.5

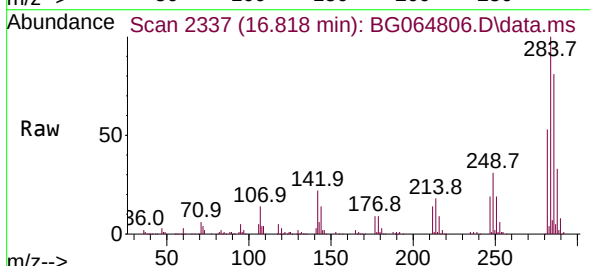
Manual Integrations

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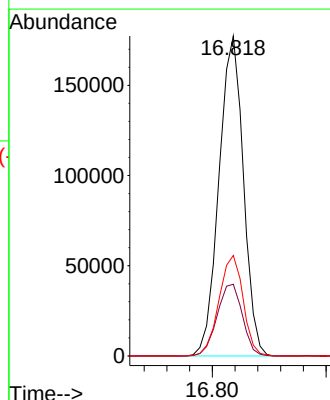
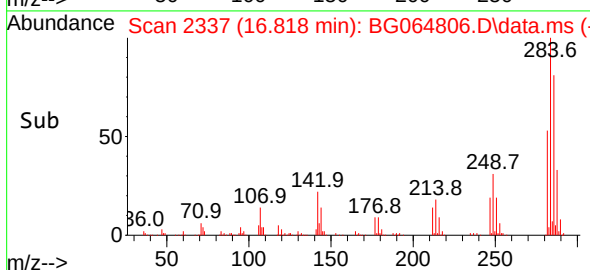
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

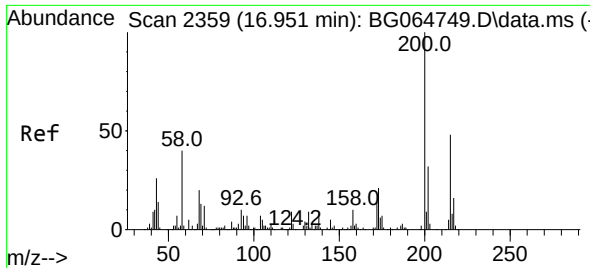


#68
Hexachlorobenzene
Concen: 47.869 ng
RT: 16.818 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion:284 Resp: 264122
Ion Ratio Lower Upper
284 100
142 22.4 19.7 29.5
249 33.5 28.1 42.1





#69

Atrazine

Concen: 46.883 ng

RT: 16.948 min Scan# 2359

Delta R.T. -0.003 min

Lab File: BG064806.D

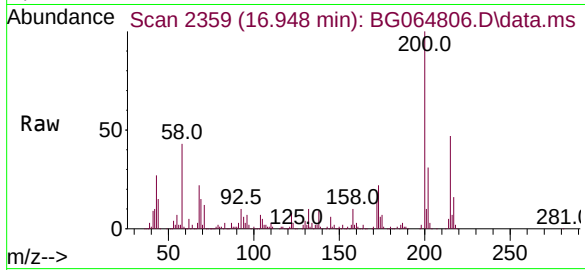
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD



Tgt Ion:200 Resp: 205324

Ion Ratio Lower Upper

200 100

173 21.7 0.9 40.9

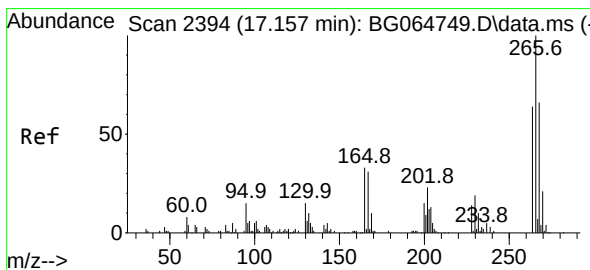
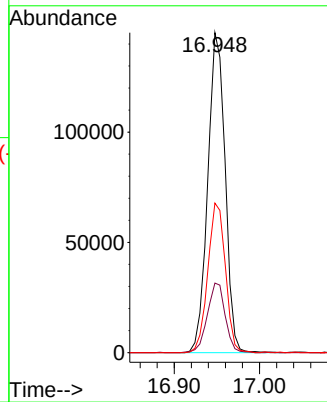
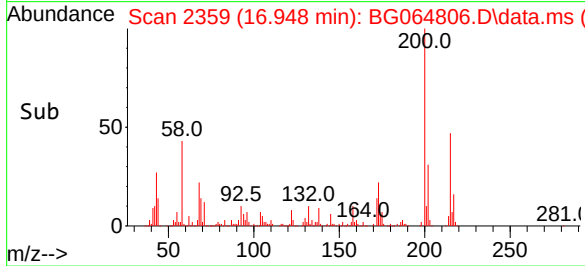
215 46.7 27.5 67.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#70

Pentachlorophenol

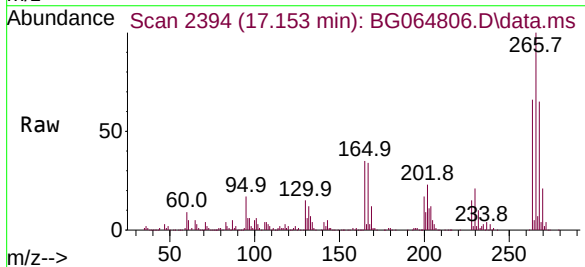
Concen: 98.575 ng

RT: 17.153 min Scan# 2394

Delta R.T. -0.004 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01



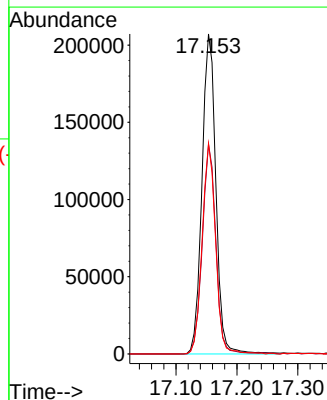
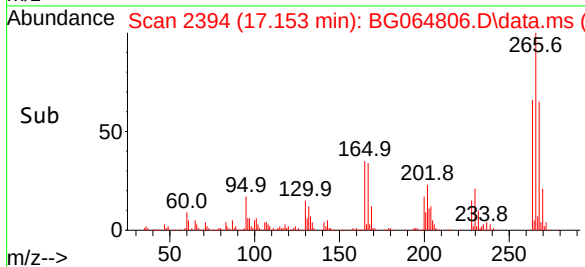
Tgt Ion:266 Resp: 326908

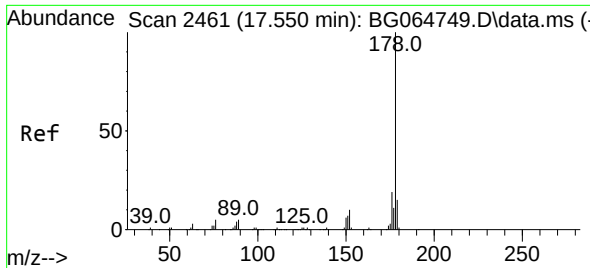
Ion Ratio Lower Upper

266 100

268 69.9 56.1 84.1

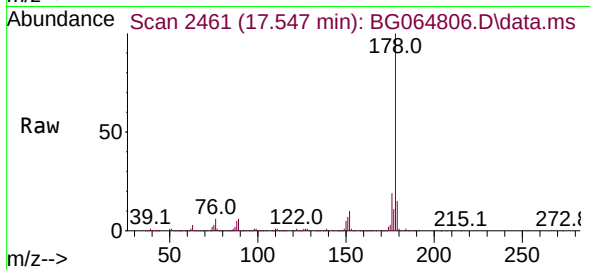
264 70.4 51.2 76.8





#71
Phenanthrene
Concen: 46.996 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

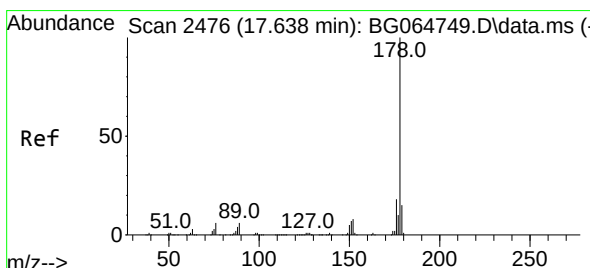
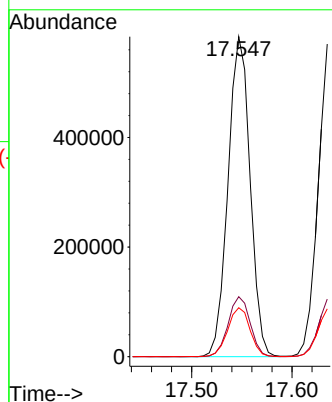
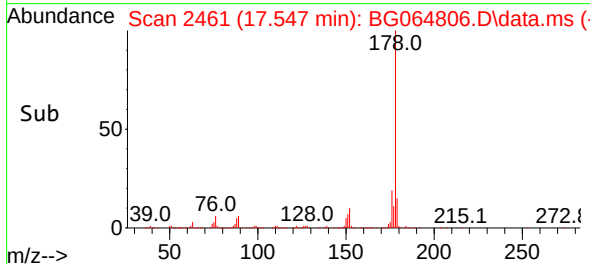
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



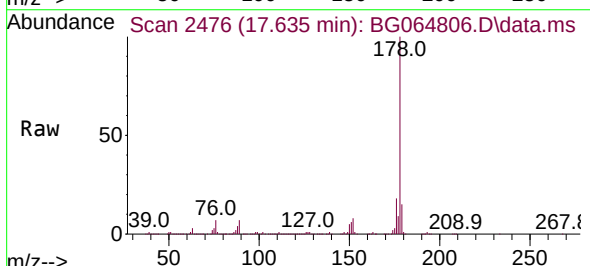
Tgt Ion:178 Resp: 891708
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.3 12.2 18.4

Manual Integrations
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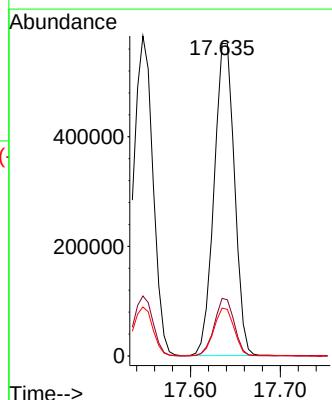
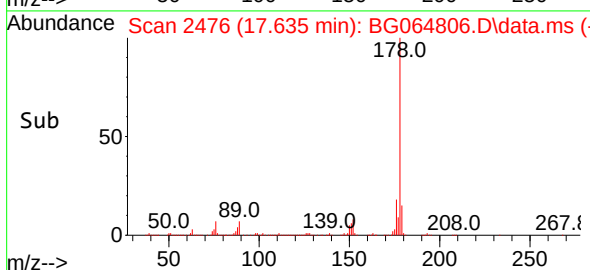
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

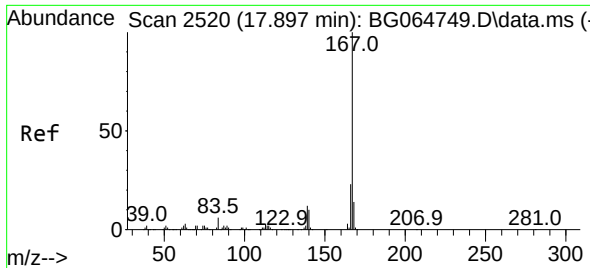


#72
Anthracene
Concen: 46.501 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



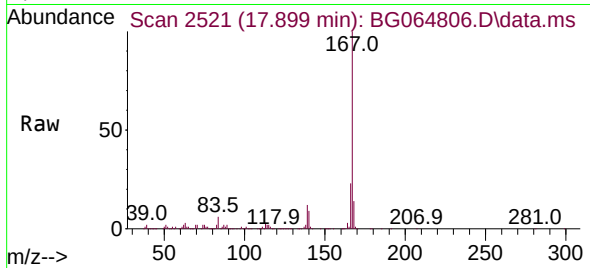
Tgt Ion:178 Resp: 899685
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.3 12.2 18.4





#73
Carbazole
Concen: 44.778 ng
RT: 17.899 min Scan# 2520
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

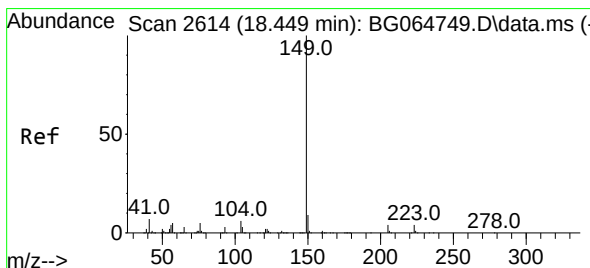
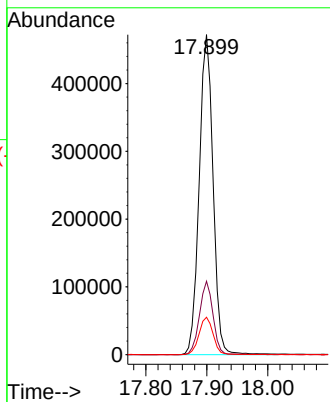
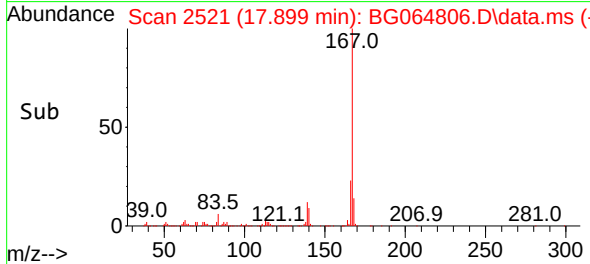
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion:167 Resp: 744762
Ion Ratio Lower Upper
167 100
166 22.9 18.0 27.0
139 11.7 9.7 14.5

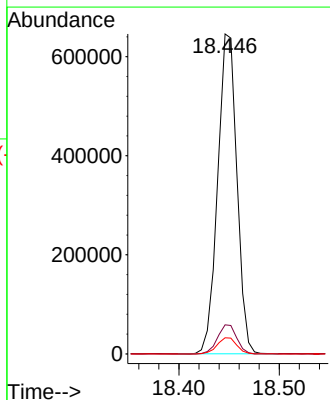
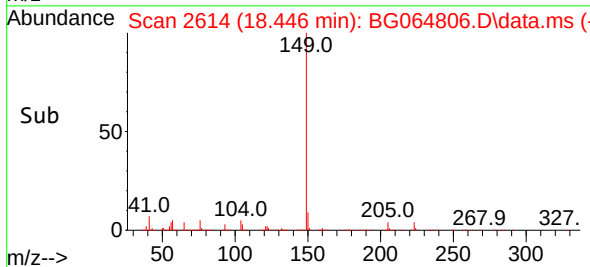
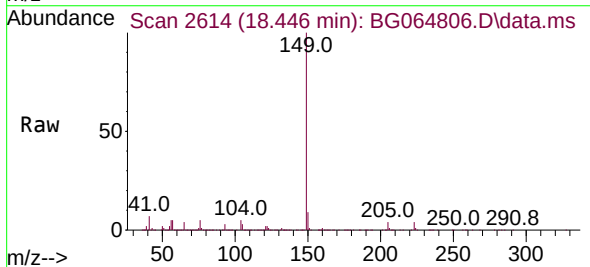
Manual Integrations
APPROVED

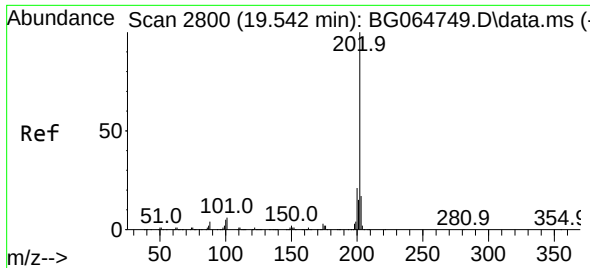
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#74
Di-n-butylphthalate
Concen: 46.415 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

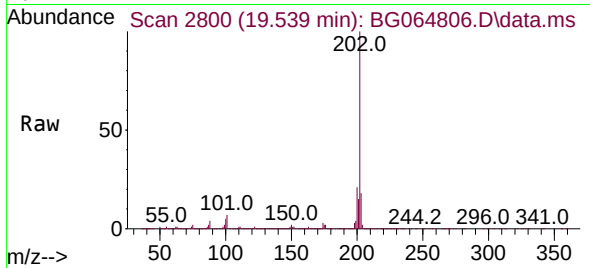
Tgt Ion:149 Resp: 861272
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 40.420 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

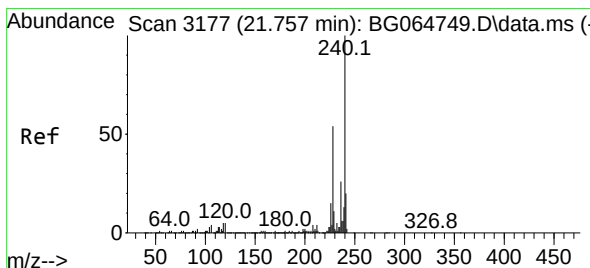
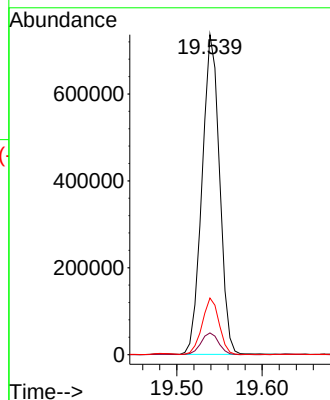
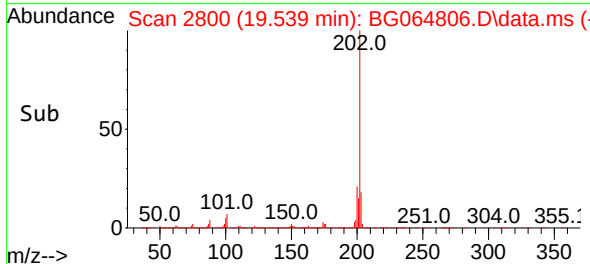
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion:202 Resp: 1048731
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.4
203 17.7 0.0 37.5

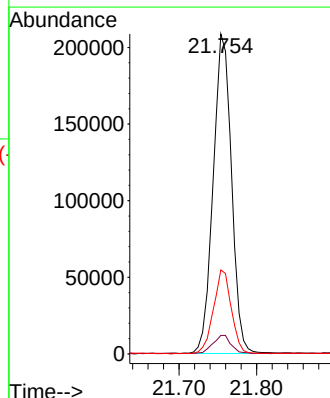
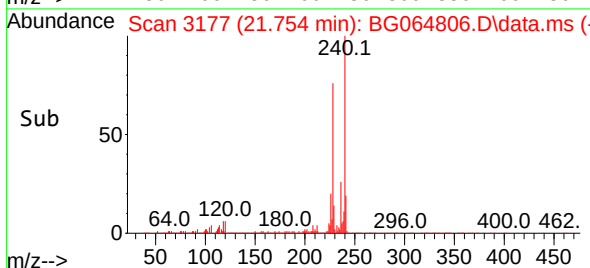
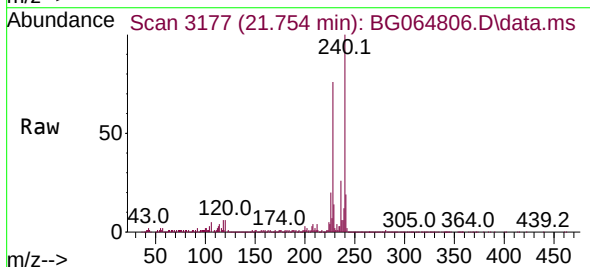
Manual Integrations
APPROVED

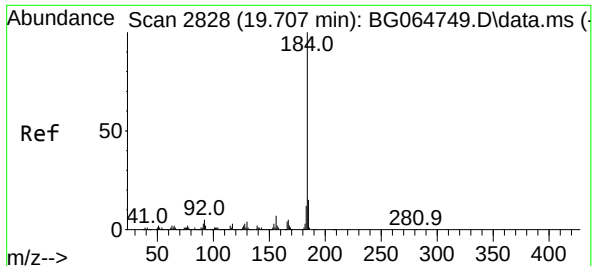
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

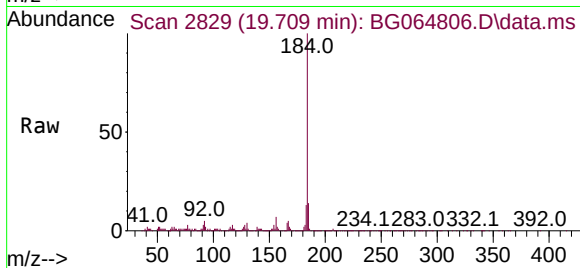
Tgt Ion:240 Resp: 343005
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.4
236 26.2 20.8 31.2





#77
Benzidine
Concen: 25.940 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

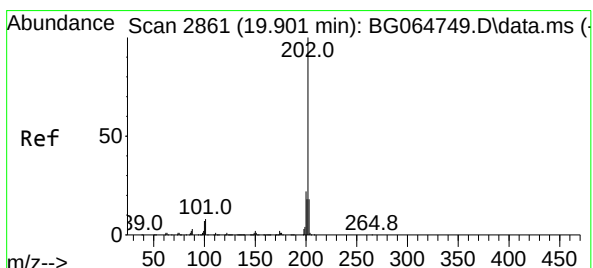
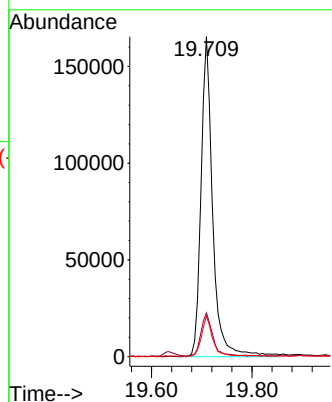
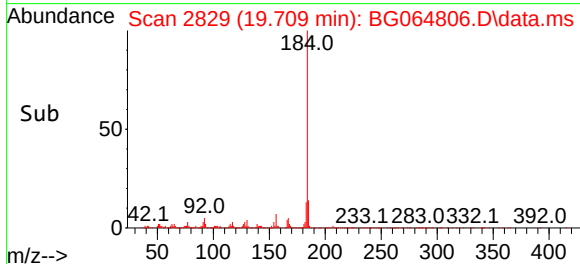
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



Tgt Ion:184 Resp: 266468
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 12.7 9.8 14.6

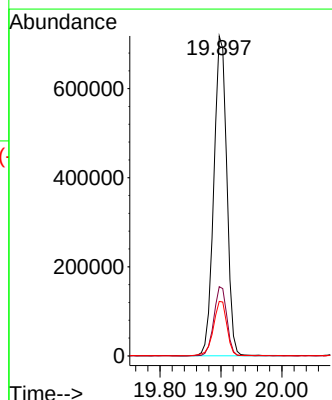
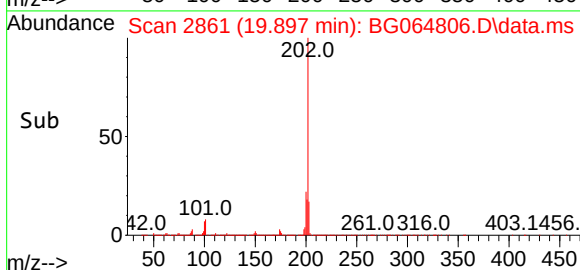
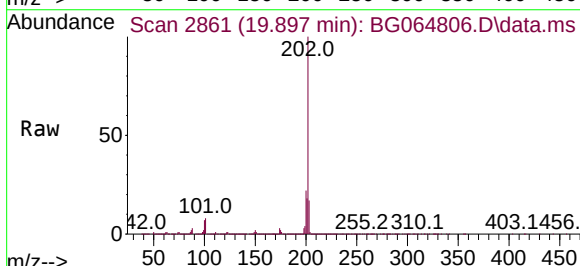
Manual Integrations
APPROVED

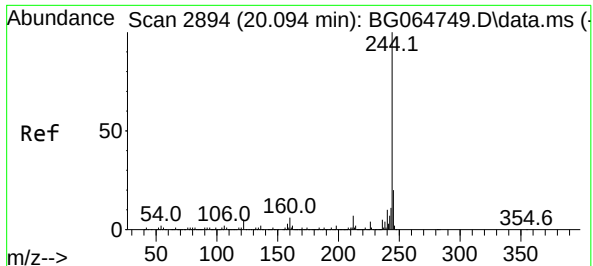
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#78
Pyrene
Concen: 55.174 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Tgt Ion:202 Resp: 1060660
Ion Ratio Lower Upper
202 100
200 21.6 17.9 26.9
203 17.0 14.0 21.0





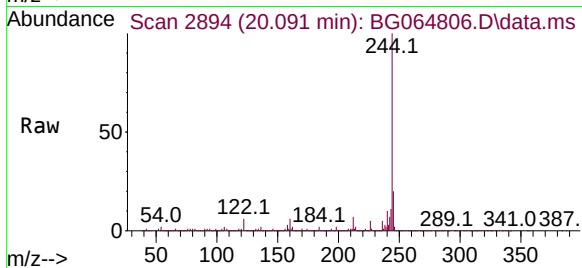
#79
Terphenyl-d14
Concen: 72.909 ng
RT: 20.091 min Scan# 2894
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

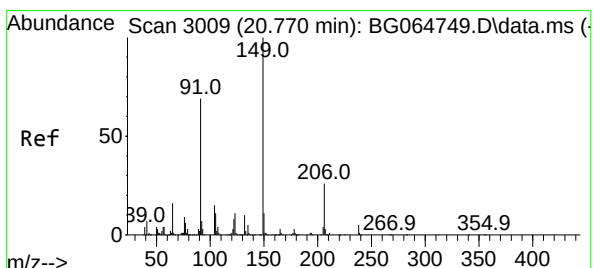
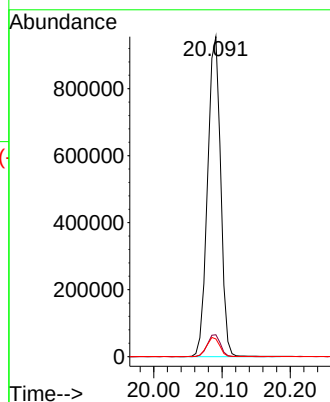
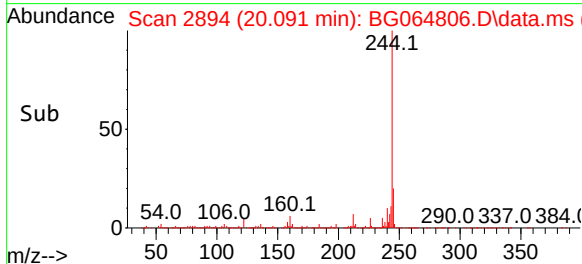
NB-07-111725MSD



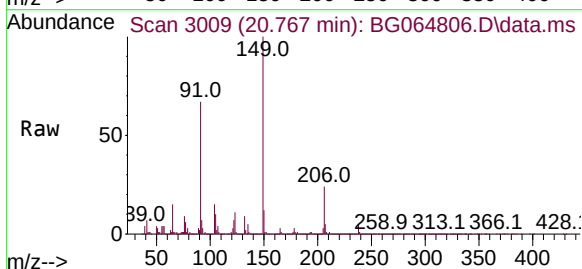
Tgt Ion:244 Resp: 1271322
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 5.5 4.3 6.5

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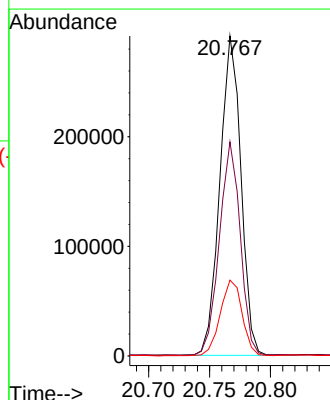
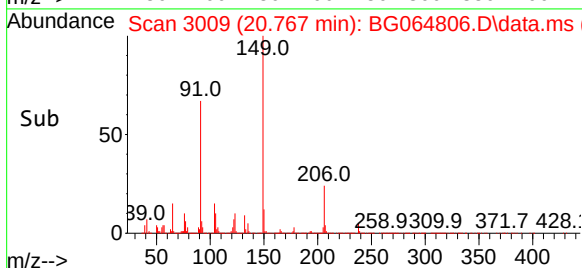
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

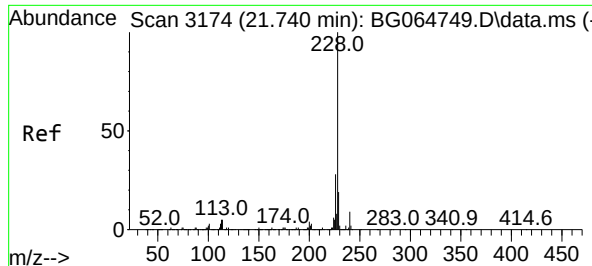


#80
Butylbenzylphthalate
Concen: 51.844 ng
RT: 20.767 min Scan# 3009
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



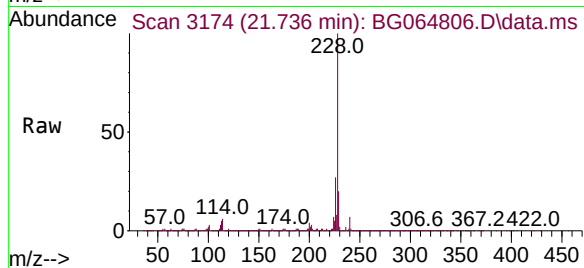
Tgt Ion:149 Resp: 350558
Ion Ratio Lower Upper
149 100
91 66.9 54.9 82.3
206 23.7 21.2 31.8





#81
Benzo(a)anthracene
Concen: 47.073 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

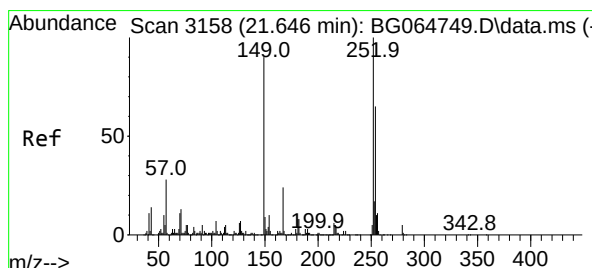
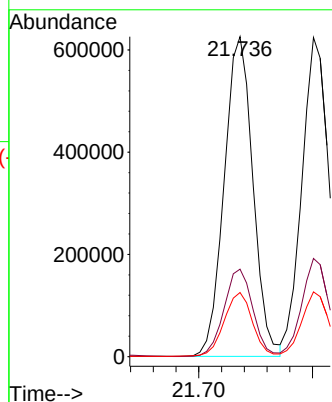
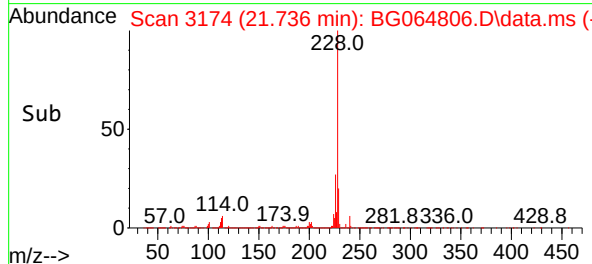
Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD



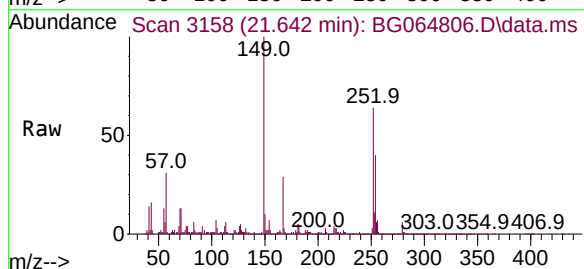
Tgt Ion:228 Resp: 1097876
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.0 15.5 23.3

Manual Integrations
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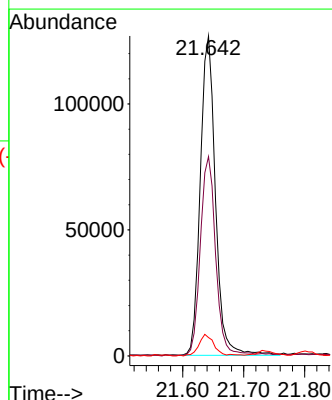
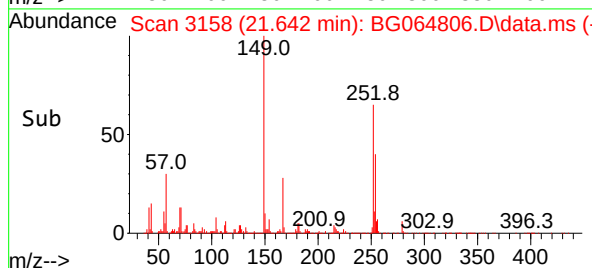
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

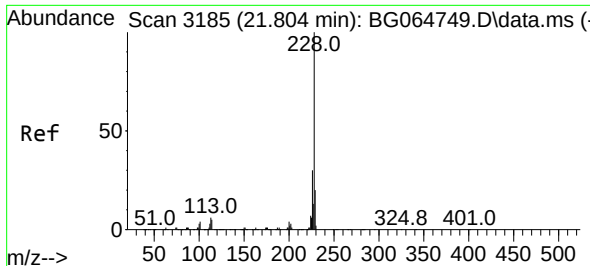


#82
3,3'-Dichlorobenzidine
Concen: 25.584 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion:252 Resp: 219625
Ion Ratio Lower Upper
252 100
254 62.3 51.8 77.8
126 5.7 4.7 7.1





#83

Chrysene

Concen: 46.554 ng

RT: 21.801 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Tgt Ion:228 Resp: 1023652

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.2

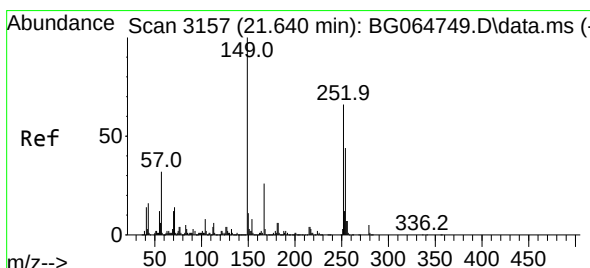
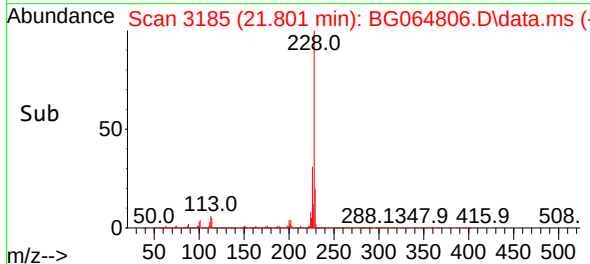
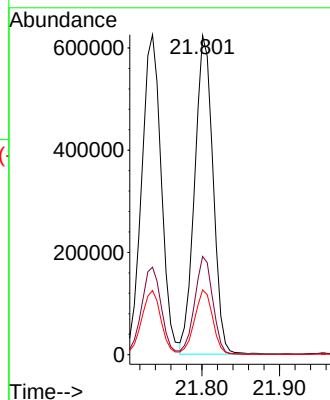
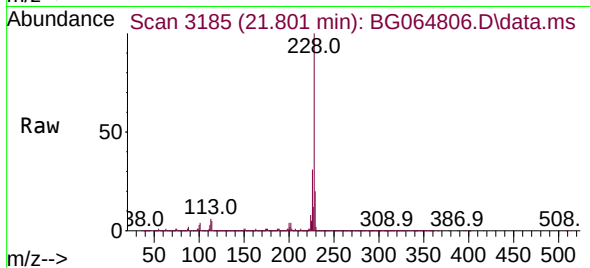
229 20.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.349 ng

RT: 21.630 min Scan# 3156

Delta R.T. -0.009 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

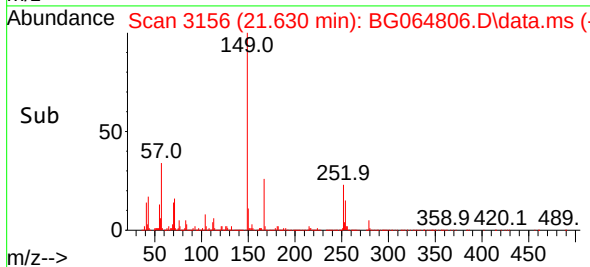
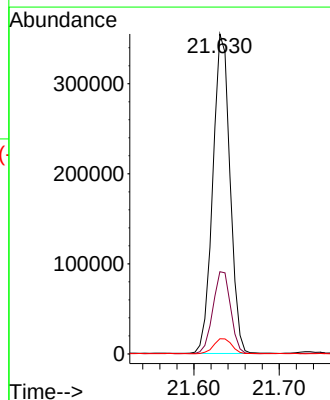
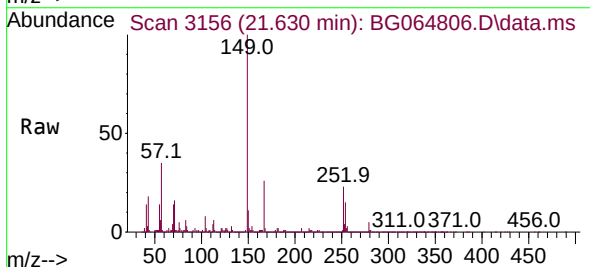
Tgt Ion:149 Resp: 497488

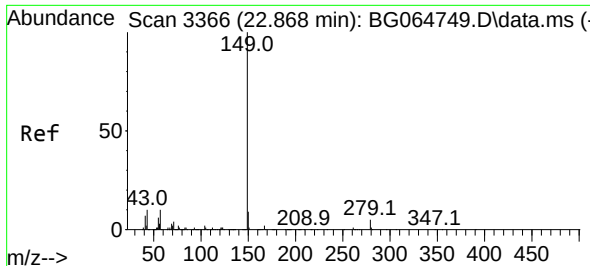
Ion Ratio Lower Upper

149 100

167 25.7 21.0 31.4

279 4.7 4.1 6.1





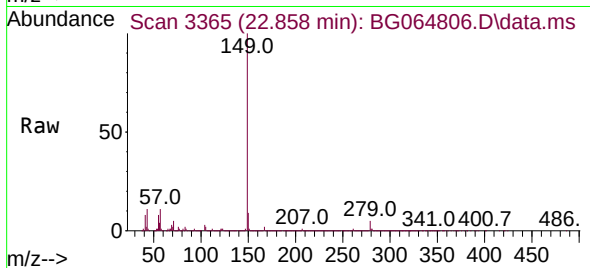
#85
Di-n-octyl phthalate
Concen: 48.642 ng
RT: 22.858 min Scan# 3366
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

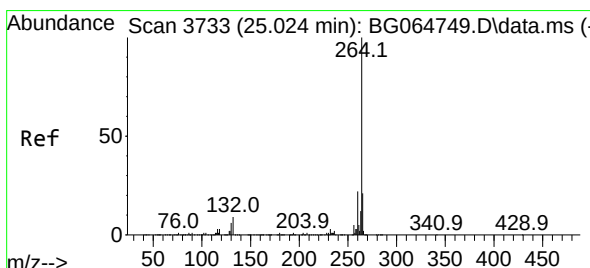
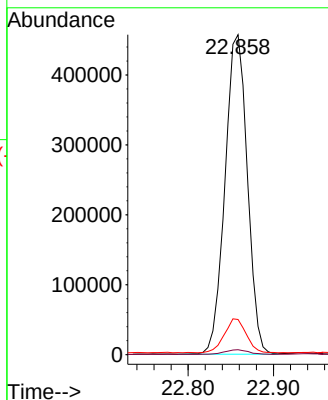
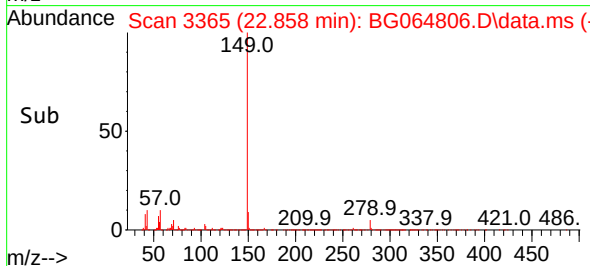
NB-07-111725MSD



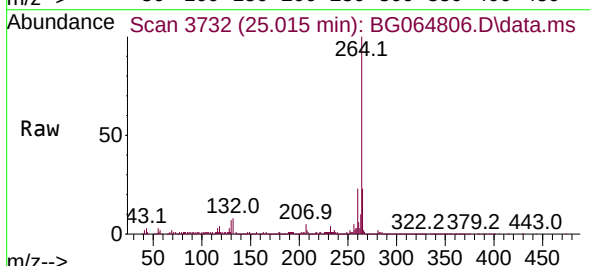
Tgt Ion:149 Resp: 830788
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 8.3 12.5

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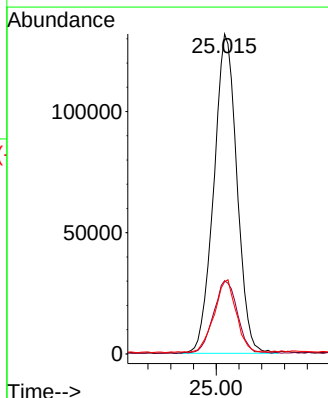
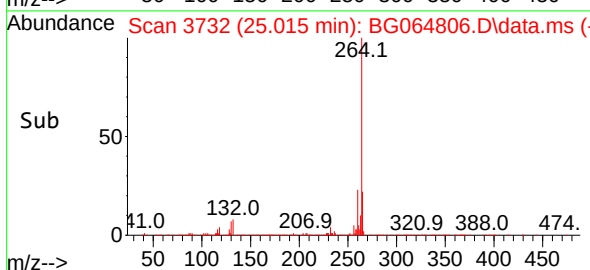
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

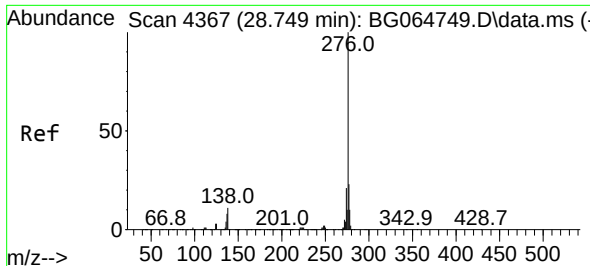


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3732
Delta R.T. -0.009 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion:264 Resp: 371739
Ion Ratio Lower Upper
264 100
260 22.9 17.2 25.8
265 22.5 16.6 25.0





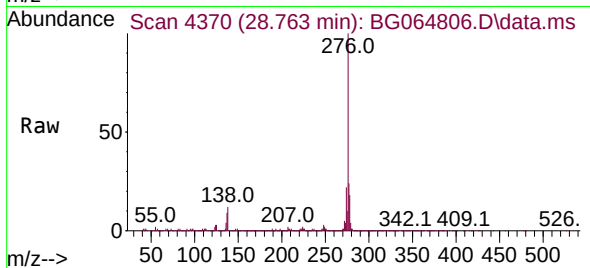
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.790 ng
RT: 28.763 min Scan# 4367
Delta R.T. 0.014 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

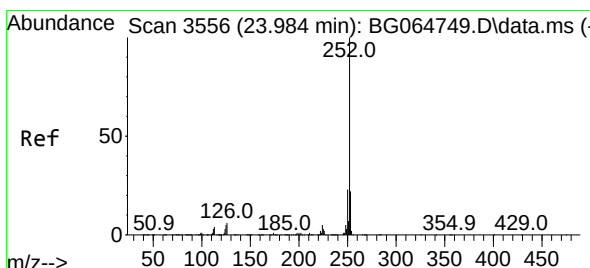
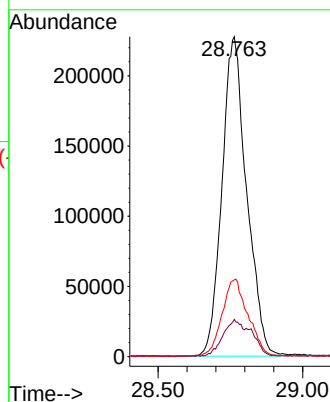
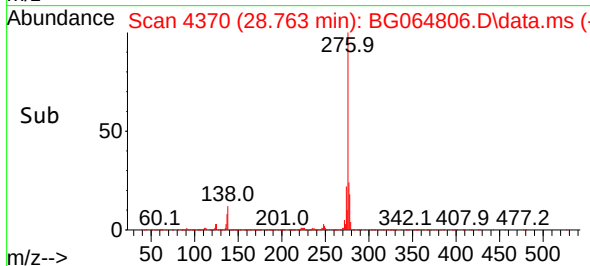
NB-07-111725MSD



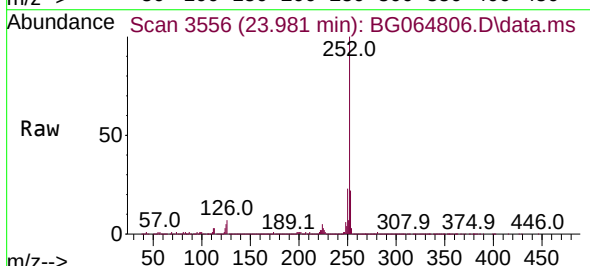
Tgt Ion:276 Resp: 1348244
Ion Ratio Lower Upper
276 100
138 9.0 4.5 6.7
277 24.9 20.0 30.0

Manual Integrations
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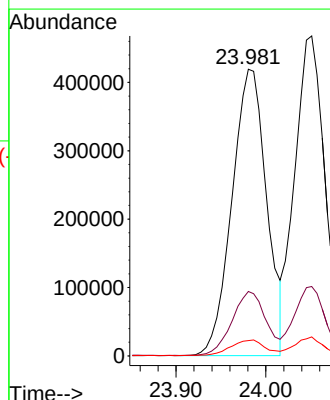
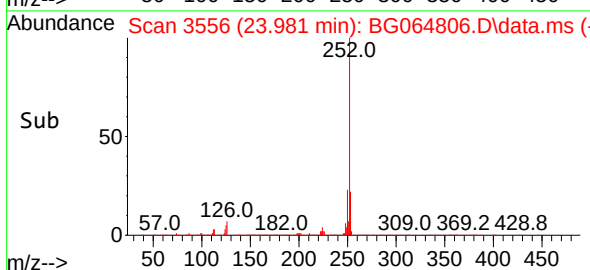
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

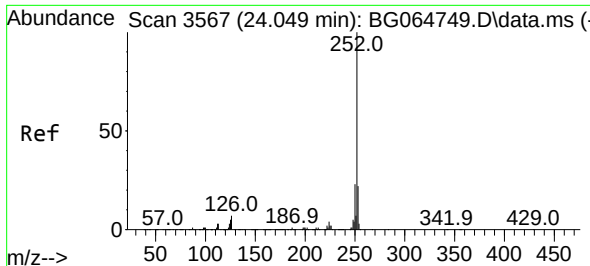


#88
Benzo(b)fluoranthene
Concen: 47.554 ng
RT: 23.981 min Scan# 3556
Delta R.T. -0.003 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion:252 Resp: 1124970
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 5.3 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 45.526 ng

RT: 24.051 min Scan# 3567

Delta R.T. 0.002 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

NB-07-111725MSD

Tgt Ion:252 Resp: 108202

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

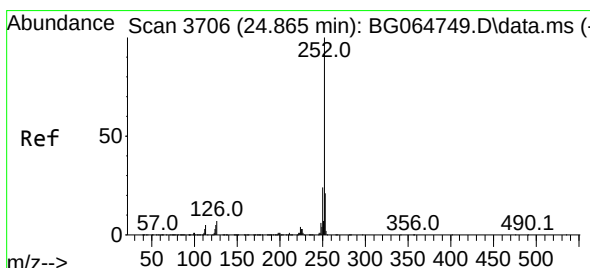
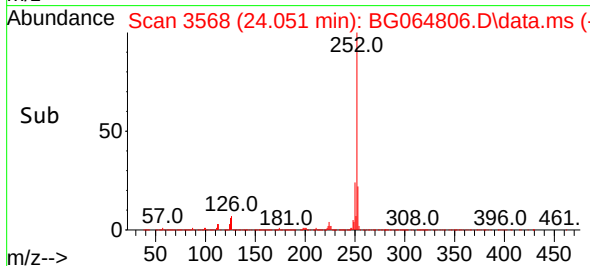
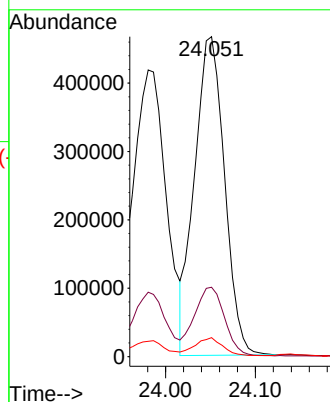
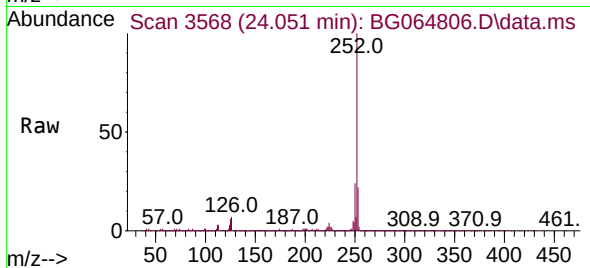
125 5.9 4.1 6.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/19/2025

Supervised By :Sohil Jodhani 11/19/2025



#90

Benzo(a)pyrene

Concen: 47.384 ng

RT: 24.868 min Scan# 3707

Delta R.T. 0.002 min

Lab File: BG064806.D

Acq: 18 Nov 2025 17:01

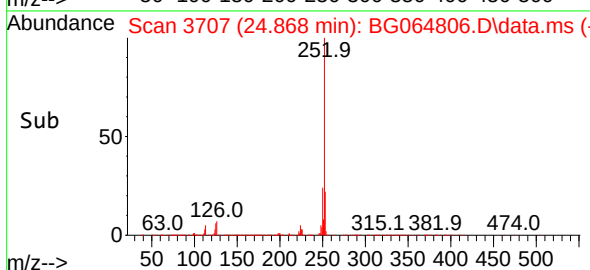
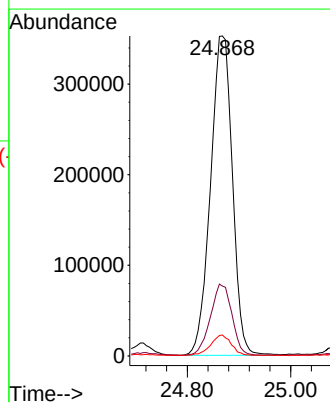
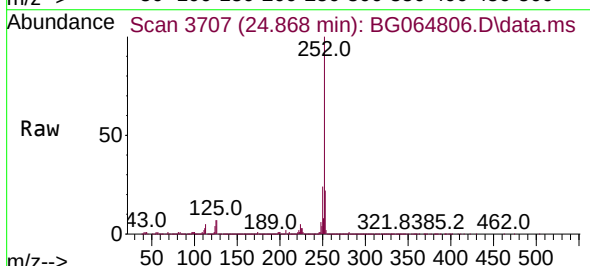
Tgt Ion:252 Resp: 1039844

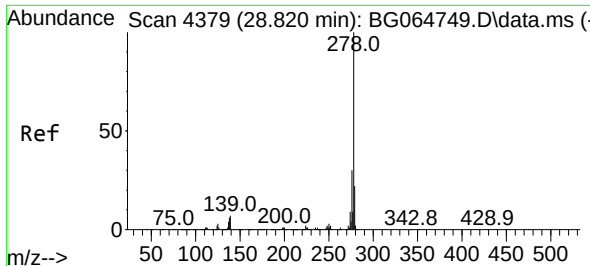
Ion Ratio Lower Upper

252 100

253 21.8 16.9 25.3

125 6.5 4.2 6.4#





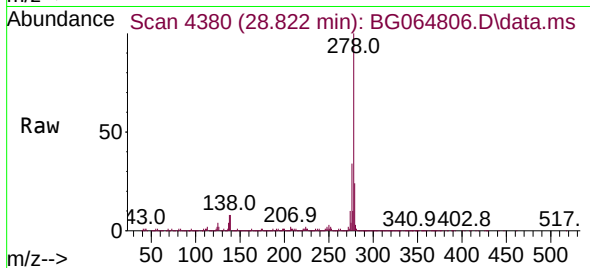
#91
Dibenzo(a,h)anthracene
Concen: 51.759 ng
RT: 28.822 min Scan# 4379
Delta R.T. 0.002 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01

Instrument :

BNA_G

ClientSampleId :

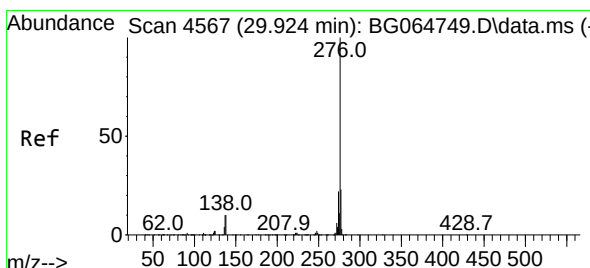
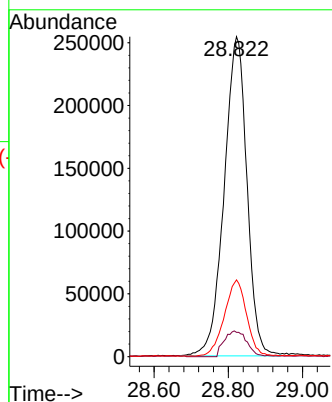
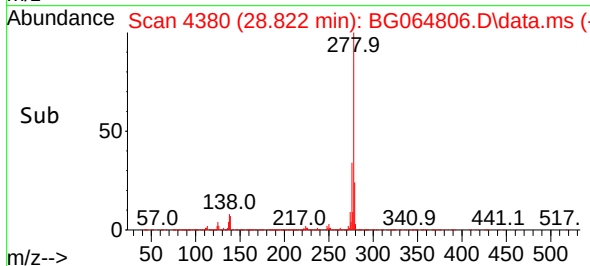
NB-07-111725MSD



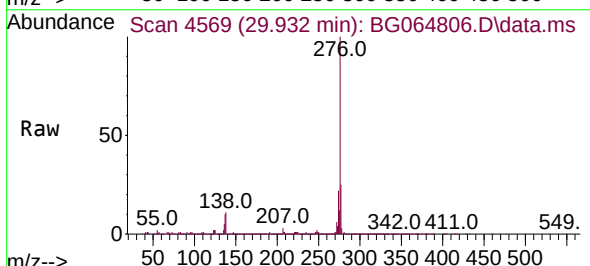
Tgt Ion:278 Resp: 1082932
Ion Ratio Lower Upper
278 100
139 7.6 5.8 8.8
279 24.0 17.3 25.9

Manual Integrations
APPROVED

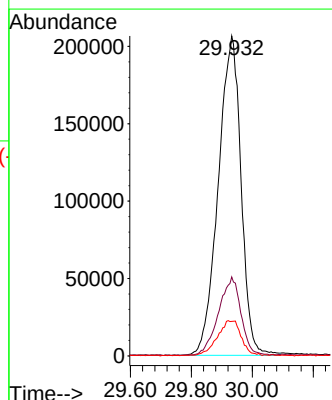
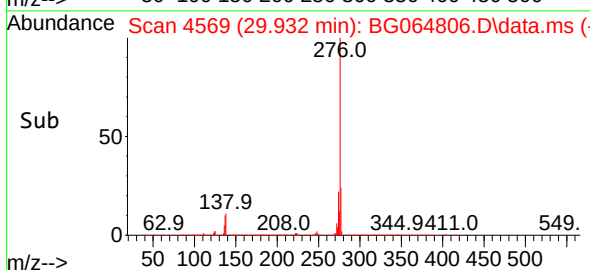
Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025



#92
Benzo(g,h,i)perylene
Concen: 53.164 ng
RT: 29.932 min Scan# 4569
Delta R.T. 0.008 min
Lab File: BG064806.D
Acq: 18 Nov 2025 17:01



Tgt Ion:276 Resp: 1070512
Ion Ratio Lower Upper
276 100
277 24.7 18.0 27.0
138 10.8 8.2 12.2



Manual Integration Report

Sequence:	BG111225	Instrument	BNA_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064746.D	1,3-Dichlorobenzene	Jagrut	11/14/2025 11:30:36 AM	Sohil	11/14/2025 12:23:02 PM	Peak Integrated by Software
SSTDICC005	BG064746.D	1-Methylnaphthalene	Jagrut	11/14/2025 11:30:36 AM	Sohil	11/14/2025 12:23:02 PM	Peak Integrated by Software
SSTDICC005	BG064746.D	2-Methylnaphthalene	Jagrut	11/14/2025 11:30:36 AM	Sohil	11/14/2025 12:23:02 PM	Peak Integrated by Software
SSTDICC010	BG064747.D	1-Methylnaphthalene	Jagrut	11/14/2025 11:30:38 AM	Sohil	11/14/2025 12:23:04 PM	Peak Integrated by Software
SSTDICC010	BG064747.D	Benzoic acid	Jagrut	11/14/2025 11:30:38 AM	Sohil	11/14/2025 12:23:04 PM	Peak Integrated by Software
SSTDICC020	BG064748.D	Benzoic acid	Jagrut	11/14/2025 11:30:41 AM	Sohil	11/14/2025 12:23:06 PM	Peak Integrated by Software
SSTDICCC040	BG064749.D	Benzoic acid	Jagrut	11/14/2025 11:30:43 AM	Sohil	11/14/2025 12:23:08 PM	Peak Integrated by Software
SSTDICC050	BG064750.D	Benzoic acid	Jagrut	11/14/2025 11:30:45 AM	Sohil	11/14/2025 12:23:10 PM	Peak Integrated by Software
SSTDICC060	BG064751.D	Benzoic acid	Jagrut	11/14/2025 11:30:48 AM	Sohil	11/14/2025 12:23:12 PM	Peak Integrated by Software
SSTDICC080	BG064752.D	Benzoic acid	Jagrut	11/14/2025 11:30:50 AM	Sohil	11/14/2025 12:23:14 PM	Peak Integrated by Software
SSTDICC080	BG064752.D	Caprolactam	Jagrut	11/14/2025 11:30:50 AM	Sohil	11/14/2025 12:23:14 PM	Peak Integrated by Software
SSTDICV040	BG064753.D	Benzoic acid	Jagrut	11/14/2025 11:30:53 AM	Sohil	11/14/2025 12:23:16 PM	Peak Integrated by Software



Manual Integration Report

Sequence:	BG111225	Instrument	BNA_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	BG111825	Instrument	BNA_g
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170598BS	BG064801.D	Caprolactam	Jagrut	11/19/2025 10:54:52 AM	Sohil	11/19/2025 3:39:42 PM	Peak Integrated by Software
Q3658-01MS	BG064805.D	Caprolactam	Jagrut	11/19/2025 10:54:57 AM	Sohil	11/19/2025 3:39:49 PM	Peak Integrated by Software
Q3658-01MSD	BG064806.D	Caprolactam	Jagrut	11/19/2025 10:55:00 AM	Sohil	11/19/2025 3:39:53 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP111825	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BP026146.D	Benzo(g,h,i)perylene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICC020	BP026146.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:52 AM	Sohil	11/19/2025 3:40:17 PM	Peak Integrated by Software
SSTDICCC040	BP026147.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:55 AM	Sohil	11/19/2025 3:40:19 PM	Peak Integrated by Software
SSTDICC060	BP026149.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:57 AM	Sohil	11/19/2025 3:40:20 PM	Peak Integrated by Software
SSTDICC080	BP026150.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:52:59 AM	Sohil	11/19/2025 3:40:22 PM	Peak Integrated by Software
SSTDICV040	BP026151.D	Indeno(1,2,3-cd)pyrene	Jagrut	11/19/2025 10:53:01 AM	Sohil	11/19/2025 3:40:24 PM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP112725	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP026195.D	Indeno(1,2,3-cd)pyrene	Jagrut	12/2/2025 4:04:43 PM	mohammad	12/3/2025 1:12:32 AM	Peak Integrated by Software

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG111225

Review By	rahul	Review On	11/12/2025 2:27:04 PM
Supervise By	Sohil	Supervise On	11/14/2025 12:24:17 PM
SubDirectory	BG111225	HP Acquire Method	BNA_G
		HP Processing Method	BG111225
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13182,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064744.D	12 Nov 2025 10:37	RC/JU	Ok
2	SSTDICC2.5	BG064745.D	12 Nov 2025 11:17	RC/JU	Ok
3	SSTDICC005	BG064746.D	12 Nov 2025 11:58	RC/JU	Ok,M
4	SSTDICC010	BG064747.D	12 Nov 2025 12:39	RC/JU	Ok,M
5	SSTDICC020	BG064748.D	12 Nov 2025 13:20	RC/JU	Ok,M
6	SSTDICCC040	BG064749.D	12 Nov 2025 14:00	RC/JU	Ok,M
7	SSTDICC050	BG064750.D	12 Nov 2025 14:41	RC/JU	Ok,M
8	SSTDICC060	BG064751.D	12 Nov 2025 15:23	RC/JU	Ok,M
9	SSTDICC080	BG064752.D	12 Nov 2025 16:04	RC/JU	Ok,M
10	SSTDICV040	BG064753.D	12 Nov 2025 16:45	RC/JU	Ok,M
11	PB170478BL	BG064754.D	12 Nov 2025 17:26	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_G**

Daily Analysis Runlog For Sequence/QC Batch ID # BG111825

Review By	Jagrut	Review On	11/19/2025 10:55:50 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:03 PM
SubDirectory	BG111825	HP Acquire Method	BNA_G
		HP Processing Method	BG111225
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	P6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13183,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064798.D	18 Nov 2025 11:30	RC/JU	Ok
2	SSTDCCC040	BG064799.D	18 Nov 2025 12:10	RC/JU	Ok
3	PB170598BL	BG064800.D	18 Nov 2025 12:53	RC/JU	Ok
4	PB170598BS	BG064801.D	18 Nov 2025 13:34	RC/JU	Ok,M
5	Q3657-01	BG064802.D	18 Nov 2025 14:18	RC/JU	Ok
6	Q3641-01RX	BG064803.D	18 Nov 2025 14:59	RC/JU	Confirms
7	Q3658-01	BG064804.D	18 Nov 2025 15:40	RC/JU	Ok,M
8	Q3658-01MS	BG064805.D	18 Nov 2025 16:21	RC/JU	Ok,M
9	Q3658-01MSD	BG064806.D	18 Nov 2025 17:01	RC/JU	Ok,M
10	Q3652-01	BG064807.D	18 Nov 2025 17:42	RC/JU	Ok,M
11	Q3660-01	BG064808.D	18 Nov 2025 18:23	RC/JU	Ok
12	Q3656-01	BG064809.D	18 Nov 2025 19:04	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM
SubDirectory	BP111825	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13183,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026142.D	18 Nov 2025 13:45	RC/JU	Ok
2	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31	RC/JU	Ok
3	SSTDICC005	BP026144.D	18 Nov 2025 15:12	RC/JU	Ok
4	SSTDICC010	BP026145.D	18 Nov 2025 15:54	RC/JU	Ok
5	SSTDICC020	BP026146.D	18 Nov 2025 16:35	RC/JU	Ok,M
6	SSTDICCC040	BP026147.D	18 Nov 2025 17:57	RC/JU	Ok,M
7	SSTDICC050	BP026148.D	18 Nov 2025 18:38	RC/JU	Ok
8	SSTDICC060	BP026149.D	18 Nov 2025 20:00	RC/JU	Ok,M
9	SSTDICC080	BP026150.D	18 Nov 2025 21:22	RC/JU	Ok,M
10	SSTDICV040	BP026151.D	18 Nov 2025 23:25	RC/JU	Ok,M
11	PB170493TB	BP026152.D	19 Nov 2025 00:06	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP112725

Review By	Jagrut	Review On	12/2/2025 4:09:34 PM
Supervise By	mohammad	Supervise On	12/3/2025 1:12:32 AM
SubDirectory	BP112725	HP Acquire Method	BNA_P
		HP Processing Method	BP111825
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917		
CCC	SP6913		
Internal Standard/PEM	S13184,10ul/1000ul sample		
ICV/I.BLK	SP6928		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP026189.D	26 Nov 2025 13:23	RC/JU	Ok
2	SSTDCCC040	BP026190.D	26 Nov 2025 14:04	RC/JU	Ok
3	PB170598BL	BP026191.D	26 Nov 2025 15:07	RC/JU	Ok
4	Q3483-11	BP026192.D	26 Nov 2025 15:48	RC/JU	Dilution
5	Q3483-11DL	BP026193.D	26 Nov 2025 18:32	RC/JU	Ok
6	Q3483-12	BP026194.D	26 Nov 2025 19:14	RC/JU	Ok
7	SSTDCCC040	BP026195.D	26 Nov 2025 19:55	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG111225

Review By	rahul	Review On	11/12/2025 2:27:04 PM
Supervise By	Sohil	Supervise On	11/14/2025 12:24:17 PM
SubDirectory	BG111225	HP Acquire Method	BNA_G
		HP Processing Method	BG111225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13182,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064744.D	12 Nov 2025 10:37		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064745.D	12 Nov 2025 11:17		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064746.D	12 Nov 2025 11:58		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064747.D	12 Nov 2025 12:39		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BG064748.D	12 Nov 2025 13:20		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064749.D	12 Nov 2025 14:00	Compound#32,54,70 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064750.D	12 Nov 2025 14:41		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064751.D	12 Nov 2025 15:23		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064752.D	12 Nov 2025 16:04		RC/JU	Ok,M
10	SSTDICV040	ICVBG111225	BG064753.D	12 Nov 2025 16:45		RC/JU	Ok,M
11	PB170478BL	PB170478BL	BG064754.D	12 Nov 2025 17:26		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG111825

Review By	Jagrut	Review On	11/19/2025 10:55:50 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:03 PM
SubDirectory	BG111825	HP Acquire Method	BNA_G
		HP Processing Method	BG111225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	P6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13183,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064798.D	18 Nov 2025 11:30		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064799.D	18 Nov 2025 12:10		RC/JU	Ok
3	PB170598BL	PB170598BL	BG064800.D	18 Nov 2025 12:53		RC/JU	Ok
4	PB170598BS	PB170598BS	BG064801.D	18 Nov 2025 13:34		RC/JU	Ok,M
5	Q3657-01	SEWAREN-CONCRET	BG064802.D	18 Nov 2025 14:18		RC/JU	Ok
6	Q3641-01RX	TR-05-111325RX	BG064803.D	18 Nov 2025 14:59	Surrogate Fail	RC/JU	Confirms
7	Q3658-01	NB-07-111725	BG064804.D	18 Nov 2025 15:40		RC/JU	Ok,M
8	Q3658-01MS	NB-07-111725MS	BG064805.D	18 Nov 2025 16:21		RC/JU	Ok,M
9	Q3658-01MSD	NB-07-111725MSD	BG064806.D	18 Nov 2025 17:01		RC/JU	Ok,M
10	Q3652-01	TP-1	BG064807.D	18 Nov 2025 17:42		RC/JU	Ok,M
11	Q3660-01	FRAC-TANK-M21012	BG064808.D	18 Nov 2025 18:23		RC/JU	Ok
12	Q3656-01	T2-GRAVEL	BG064809.D	18 Nov 2025 19:04		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP111825

Review By	Jagrut	Review On	11/19/2025 10:53:24 AM
Supervise By	Sohil	Supervise On	11/19/2025 3:40:33 PM
SubDirectory	BP111825	HP Acquire Method	BNA_P
		HP Processing Method	BP111825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13183,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026142.D	18 Nov 2025 13:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP026143.D	18 Nov 2025 14:31		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP026144.D	18 Nov 2025 15:12		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BP026145.D	18 Nov 2025 15:54		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BP026146.D	18 Nov 2025 16:35		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP026147.D	18 Nov 2025 17:57		RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP026148.D	18 Nov 2025 18:38		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP026149.D	18 Nov 2025 20:00		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP026150.D	18 Nov 2025 21:22		RC/JU	Ok,M
10	SSTDICV040	ICVBP111825	BP026151.D	18 Nov 2025 23:25		RC/JU	Ok,M
11	PB170493TB	PB170493TB	BP026152.D	19 Nov 2025 00:06		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP112725

Review By	Jagrut	Review On	12/2/2025 4:09:34 PM
Supervise By	mohammad	Supervise On	12/3/2025 1:12:32 AM
SubDirectory	BP112725	HP Acquire Method	BNA_P
		HP Processing Method	BP111825

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917
CCC	SP6913
Internal Standard/PEM	S13184,10ul/1000ul sample
ICV/I.BLK	SP6928
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP026189.D	26 Nov 2025 13:23		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP026190.D	26 Nov 2025 14:04		RC/JU	Ok
3	PB170598BL	PB170598BL	BP026191.D	26 Nov 2025 15:07		RC/JU	Ok
4	Q3483-11	HW1025-PT-BNA-SOIL	BP026192.D	26 Nov 2025 15:48	HW1025-PT-BNA-SOIL - Need 5X dilution	RC/JU	Dilution
5	Q3483-11DL	HW1025-PT-BNA-SOIL	BP026193.D	26 Nov 2025 18:32		RC/JU	Ok
6	Q3483-12	HW1025-PT-TRIAZINE	BP026194.D	26 Nov 2025 19:14		RC/JU	Ok
7	SSTDCCC040	SSTDCCC040EC	BP026195.D	26 Nov 2025 19:55		RC/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137700

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
Q3368-13	OUTSIDE-DUMPSTER	1	1.12	10.63	11.75	8.28	67.4	
Q3368-14	PRESS-SLUDGE	2	1.18	10.30	11.48	7.89	65.1	
Q3482-01	WC-1	37	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-02	WC-2	38	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-03	WC-3	39	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-04	WC-4	40	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-05	WC-5	41	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-06	WC-6	42	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3482-07	WC-7	43	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3483-01	HW1025-PT-AN-SOIL	3	1.00	1.00	2.00	2.00	100.0	
Q3483-02	HW1025-PT-CORR-SOIL	4	1.00	1.00	2.00	2.00	100.0	
Q3483-03	HW1025-PT-CN-SOIL	5	1.00	1.00	2.00	2.00	100.0	
Q3483-04	HW1025-PT-CN-SOIL	6	1.00	1.00	2.00	2.00	100.0	
Q3483-05	HW1025-PT-FP-SOIL	7	1.00	1.00	2.00	2.00	100.0	
Q3483-06	HW1025-PT-CR6-SOIL	8	1.00	1.00	2.00	2.00	100.0	
Q3483-07	HW1025-PT-NUT-SOIL	9	1.00	1.00	2.00	2.00	100.0	
Q3483-08	HW1025-PT-NUT-SOIL	10	1.00	1.00	2.00	2.00	100.0	
Q3483-09	HW1025-PT-OGF-SOIL	11	1.00	1.00	2.00	2.00	100.0	
Q3483-10	HW1025-PT-MET-SOIL	12	1.00	1.00	2.00	2.00	100.0	
Q3483-11	HW1025-PT-BNA-SOIL	13	1.00	1.00	2.00	2.00	100.0	
Q3483-12	HW1025-PT-TRIAZINE-SOIL	14	1.00	1.00	2.00	2.00	100.0	
Q3483-13	HW1025-PT-PAH-SOIL	15	1.00	1.00	2.00	2.00	100.0	
Q3483-14	HW1025-PT-DIES-SOIL	16	1.00	1.00	2.00	2.00	100.0	
Q3483-15	HW1025-PT-GAS-SOIL	17	1.00	1.00	2.00	2.00	100.0	
Q3483-16	HW1025-PT-NJEPH-SOIL	18	1.00	1.00	2.00	2.00	100.0	
Q3483-17	HW1025-PT-HERB-SOIL	19	1.00	1.00	2.00	2.00	100.0	
Q3483-18	HW1025-PT-PCB-SOIL	20	1.00	1.00	2.00	2.00	100.0	
Q3483-19	HW1025-PT-PCBO-SOIL	21	1.00	1.00	2.00	2.00	100.0	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/30/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137700

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
Q3483-20	HW1025-PT-PEST-SOIL	22	1.00	1.00	2.00	2.00	100.0	
Q3483-21	HW1025-PT-CHLOR-SOIL	23	1.00	1.00	2.00	2.00	100.0	
Q3483-22	HW1025-PT-TXP-SOIL	24	1.00	1.00	2.00	2.00	100.0	
Q3483-23	HW1025-PT-VOA-SOIL	25	1.00	1.00	2.00	2.00	100.0	
Q3483-25	HW1025-PT-NO2-SOIL	26	1.00	1.00	2.00	2.00	100.0	
Q3485-01	TR-04-102924	27	1.15	10.30	11.45	10.84	94.1	
Q3485-02	TR-04-102924-E2	28	1.19	10.30	11.49	10.77	93.0	
Q3486-01	TP3	29	1.17	10.45	11.62	11.07	94.7	
Q3486-02	TP3-E2	30	1.18	10.40	11.58	11.11	95.5	
Q3486-03	TP4	31	1.19	10.23	11.42	9.93	85.4	
Q3486-04	TP4-E2	32	1.17	10.52	11.69	10.09	84.8	
Q3486-05	TP5	33	1.17	10.65	11.82	10.02	83.1	
Q3486-06	TP5-E2	34	1.17	10.15	11.32	9.39	81.0	
Q3486-07	TP6	35	1.13	10.25	11.38	10.16	88.1	
Q3486-08	TP6-E2	36	1.16	10.48	11.64	10.32	87.4	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

b 137100

WorkList Name : %1-102925 WorkList ID : 192745 Department : Wet-Chemistry Date : 10-29-2025 07:47:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-13	OUTSIDE-DUMPSTER	Solid	Percent Solids	Cool 4 deg C	ARAM01	D41	10/16/2025	Chemtech -SO
Q3368-14	PRESS-SLUDGE	Solid	Percent Solids	Cool 4 deg C	ARAM01	D41	10/16/2025	Chemtech -SO
Q3482-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-02	WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-03	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-04	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-05	WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-06	WC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3482-07	WC-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3483-01	HW1025-PT-AN-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-02	HW1025-PT-CORR-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-03	HW1025-PT-CN-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-04	HW1025-PT-CN-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-05	HW1025-PT-FP-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-06	HW1025-PT-CR6-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-07	HW1025-PT-NUT-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-08	HW1025-PT-NUT-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-09	HW1025-PT-OGR-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-10	HW1025-PT-MET-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-11	HW1025-PT-BNA-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-12	HW1025-PT-TRIAZINE-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO

10/29/25 15:00

Date/Time

10/29/25 17:30

Date/Time

Raw Sample Received by: SWC

Raw Sample Received by: CSM

Raw Sample Relinquished by: CSM

Raw Sample Relinquished by: CSM

WORKLIST(Hardcopy Internal Chain)

8137700

WorkList Name : %1-102925

WorkList ID : 192745

Department : Wet-Chemistry

Date : 10-29-2025 07:47:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3483-13	HW1025-PT-PAH-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-14	HW1025-PT-DIES-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-15	HW1025-PT-GAS-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-16	HW1025-PT-NJEPH-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-17	HW1025-PT-HERB-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-18	HW1025-PT-PCB-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-19	HW1025-PT-PCBO-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-20	HW1025-PT-PEST-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-21	HW1025-PT-CHLOR-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-22	HW1025-PT-TXP-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-23	HW1025-PT-VOA-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3483-25	HW1025-PT-NO2-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3485-01	TR-04-102924	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3485-02	TR-04-102924-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/29/2025	Chemtech -SO
Q3486-01	TP3	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/29/2025	Chemtech -SO
Q3486-02	TP3-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-03	TP4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-04	TP4-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-05	TP5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-06	TP5-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3486-07	TP6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time

10/29/25 13:00

Raw Sample Received by:

SB WVC

Raw Sample Relinquished by:

CH(SM)

Date/Time

10/29/25

Raw Sample Received by:

CH(SM)

Raw Sample Relinquished by:

SB COC

WORKLIST(Hardcopy Internal Chain)

10/29/25

WorkList Name : %1-102925

WorkList ID : 192745

Department : Wet-Chemistry

Date : 10-29-2025 07:47:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3486-08	TP6-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time 10/29/25 15:00

Raw Sample Received by: SA WWC

Raw Sample Relinquished by: Cpl Sm

Date/Time

Raw Sample Received by: Cpl Sm

Raw Sample Relinquished by: SA ADC

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137714

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
Q3483-24	HW1025-PT-SOL-SOIL	1	1.16	10.70	11.86	9.24	75.5	
Q3487-01	KZZ294Z-A	2	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-02	KZZ294Z-B	3	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-03	KZZ256R-A	4	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-04	KZZ256R-B	5	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-05	JEH623H-A	6	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-06	JEH623H-B	7	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-07	M3-A	8	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-08	M3-B	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3488-01	MOO-25-0294-0298	10	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3488-02	MOO-25-0299	11	1.15	10.33	11.48	10.88	94.2	
Q3488-04	MOO-25-0302-0310	12	1.18	10.45	11.63	10.08	85.2	
Q3488-05	MOO-25-0302-0310	13	1.15	10.46	11.61	10.7	91.3	
Q3488-06	MOO-25-0311-0313	46	1.15	10.37	11.52	10.64	91.5	
Q3489-01	245F72-A	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-02	245F72-B	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-03	L54-A	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-04	L54-B	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-05	L55-A	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-06	L55-A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-07	L56-A	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-08	L56-B	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-09	L57-A	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-10	L57-B	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-11	L58-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-12	L58-2	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-13	L59-A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-14	L59-B	27	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137714

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
Q3489-15	L60-A	28	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-16	L60-B	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-17	L61-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-18	L61-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-19	L62-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-20	L62-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-21	L63-A	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-22	L63-B	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-23	L64-A	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-24	L64-B	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-25	L65-A	38	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-26	L65-B	39	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-27	STC21-A	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-28	STC21-B	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-29	STF24-A	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-30	STF24-B	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3490-01	LAW-25-0151	44	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3491-01	SOIL-CUTTINGS-COMP	45	1.18	10.80	11.98	9.13	73.6	
Q3495-01	SB-1025-1	47	1.19	10.24	11.43	8.99	76.2	
Q3495-02	SB-1025-2	48	1.14	10.43	11.57	8.97	75.1	
Q3496-01	DRILL-CUTTINGS	49	1.19	10.61	11.8	10.33	86.1	
Q3496-02	DRILL-CUTTINGS-E2	50	1.13	10.49	11.62	10.11	85.6	
Q3497-01	OK-01-103025	51	1.13	10.93	12.06	10.37	84.5	
Q3497-02	OK-01-103025-E2	52	1.19	10.59	11.78	10.25	85.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137714

WorkList Name : %1-103025 WorkList ID : 192793 Department : Wet-Chemistry Date : 10-30-2025 10:50:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3483-24	HW1025-PT-SOL-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3487-01	KZZ294Z-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-02	KZZ294Z-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-03	KZZ256R-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-04	KZZ256R-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-05	JEH623H-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-06	JEH623H-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-07	M3-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-08	M3-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3488-01	MOO-25-0294-0298	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-02	MOO-25-0299	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-04	MOO-25-0302-0310	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-05	MOO-25-0302-0310	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-06	MOO-25-0311-0313	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-01	245F72-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-02	245F72-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-03	L54-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-04	L54-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-05	L55-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-06	L55-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-07	L56-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time 10/30/25 15:00
Raw Sample Received by: JG (wvc)
Raw Sample Relinquished by: RS c (1711-126)

Date/Time 10/30/25 17:30
Raw Sample Received by: RS-1151-126
Raw Sample Relinquished by: JG (wvc)

WORKLIST(Hardcopy Internal Chain)

WB 137714

WorkList Name : %1-103025 WorkList ID : 192793 Department : Wet-Chemistry Date : 10-30-2025 10:50:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3489-08	L56-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-09	L57-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-10	L57-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-11	L58-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-12	L58-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-13	L59-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-14	L59-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-15	L60-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-16	L60-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-17	L61-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-18	L61-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-19	L62-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-20	L62-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-21	L63-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-22	L63-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-23	L64-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-24	L64-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-25	L65-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-26	L65-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-27	STC21-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-28	STC21-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time 10/30/25 15:30 Date/Time 10/30/25 17:30
Raw Sample Received by: sg wvc Raw Sample Received by: RS C EIT-1266
Raw Sample Relinquished by: RS C EIT-1266 Raw Sample Relinquished by: sg wvc

WORKLIST(Hardcopy Internal Chain)

UB 13FF14

WorkList Name : %1-103025 WorkList ID : 192793 Department : Wet-Chemistry Date : 10-30-2025 10:50:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3489-29	STF24-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-30	STF24-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3490-01	LAW-25-0151	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3491-01	SOIL-CUTTINGS-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3495-01	SB-1025-1	Solid	Percent Solids	Cool 4 deg C	REMI02	D51	10/27/2025	Chemtech -SO
Q3495-02	SB-1025-2	Solid	Percent Solids	Cool 4 deg C	REMI02	D51	10/27/2025	Chemtech -SO
Q3496-01	DRILL-CUTTINGS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/30/2025	Chemtech -SO
Q3496-02	DRILL-CUTTINGS-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/30/2025	Chemtech -SO
Q3497-01	OK-01-103025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/30/2025	Chemtech -SO
Q3497-02	OK-01-103025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/30/2025	Chemtech -SO

Date/Time 10/30/25 15:00
Raw Sample Received by: SB WWC
Raw Sample Relinquished by: RS C (EIT-1066)

Date/Time 10/30/25 17:30
Raw Sample Received by: RS C (EIT-1066)
Raw Sample Relinquished by: SB WWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A **Extraction Start Date :** 11/18/2025

Matrix : Solid **Extraction Start Time :** 09:18

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 11/18/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 12:30

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: N/A **Hood ID:** 3,7 **Supervisor By :** RUPESH

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	SP6895
Surrogate	1.0ML	100/150 PPM	SP6918
LOD	1.0ML	N/A 4 PPM / 8 PPM	SP6920/6922
LOQ	1.0ML	N/A 5 PPM / 10 PPM	SP6921/6923
LOQ	0.5ML	N/A 5 PPM	SP6921

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Methylene Chloride	N/A	E3986
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A **Envap ID:** N-EVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/18/25	RS (Ext Lab)	JG/SVOC
12:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/18/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170598BL	SBLK598	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U6-1
PB170598BS	SLCS598	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3483-11	HW1025-PT-BNA-SOIL	SVOCMS Group1	29.85	N/A	ritesh	Evelyn	1			3
Q3483-12	HW1025-PT-TRIAZINE-SOIL	SVOCMS Group4	30.36	N/A	ritesh	Evelyn	1			4
Q3530-01	LOD-MDL-SOIL-01-QT4-2025 4PPM	SVOC-Chemtec h Full -25	30.02	N/A	ritesh	Evelyn	1			4
Q3530-02	LOQ-SOIL-02-QT4-2025 5PPM	SVOC-Chemtec h Full -25	30.03	N/A	ritesh	Evelyn	1			6
Q3641-01	TR-05-111325	SVOC-TCL BNA -20	50.09	N/A	ritesh	Evelyn	1	E		U1-1
Q3652-01	TP-1	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		2
Q3656-01	T2-GRAVEL	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E	Stone + Small Particles	3
Q3657-01	SEWAREN-CONCRETE	SVOC-PAH	50.05	N/A	ritesh	Evelyn	1	B	Concrete	4
Q3658-01	NB-07-111725	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		5
Q3658-01MS	NB-07-111725MS	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		6
Q3658-01MS D	NB-07-111725MSD	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		U2-1
Q3530-01	LOD-SOIL-QT4-2025 8PPM	SVOC-Chemtec Full -25	30.04				1			2
Q3530-02	LOQ-SOIL-QT4-2025 10PPM		30.01				1			3
Q3530-02	LOQ-SOIL-QT4-2025 25PPM		30.02				1			4

* Extracts relinquished on the same date as received.

DATE: 11 / 18 / 25

Initiated by: JY

Fraction: SVOC

Reason: ✓ Low Surrogate Recovery

Other _____

Samples affected:	Matrix	Sample Date	Prep. Batch	Extra Sample Yes No	Verified By	New Prep. Batch
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Q3642-02 801 11-13-25 PB170576 YES RS PB170598

11/18

Extraction Supervisor Signature: RS Date: 11/18/25

Form Initiator's Signature: JY Date: 11/18/25

QA Control # A3041248

09/23/24

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3657 WorkList ID : 193170 Department : Extraction Date : 11-18-2025 08:33:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3483-11	HW1025-PT-BNA-SOIL	Solid	SVOCMS Group1	Cool 4 deg C	ALLI03	QA Of	10/27/2025	8270E
Q3483-12	HW1025-PT-TRIAZINE-SOIL	Solid	SVOCMS Group4	Cool 4 deg C	ALLI03	QA Of	10/27/2025	8270E
Q3530-01	LOD-MDL-SOIL-01-QT4-2025	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8270E
Q3530-02	LOQ-SOIL-02-QT4-2025	Solid	SVOC-Chemtech Full -25	Cool 4 deg C	ALLI03	QA Of	11/03/2025	8270E
Q3641-01	TR-05-111325	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/13/2025	8270E
Q3652-01	TP-1	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/17/2025	8270E
Q3656-01	T2-GRAVEL	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/17/2025	8270E
Q3657-01	SEWAREN-CONCRETE	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	11/17/2025	8270E
Q3658-01	NB-07-111725	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/17/2025	8270E

Date/Time 11/18/25 9:15
 Raw Sample Received by: RJ (Ext Lab)
 Raw Sample Relinquished by: QJ SM

Date/Time 11/18/25 9:30
 Raw Sample Received by: QJ SM
 Raw Sample Relinquished by: RJ (Ext Lab)

Prep Standard - Chemical Standard Summary

Order ID : Q3483
Test : SVOCMS Group4
Prepbatch ID : PB170598,
Sequence ID/Qc Batch ID: BG111825,BP112725,

Standard ID :
EP2655,EP2659,SP6856,SP6860,SP6875,SP6895,SP6909,SP6910,SP6911,SP6912,SP6913,SP6914,SP6915,SP6916,SP6917,SP6918,SP6919,SP6920/6922,SP6921,SP6921/6923,SP6927,SP6928,

Chemical ID :
10ul/1000ul
sample,E3875,E3951,E3954,E3973,E3979,E3980,E3982,E3986,P6910,S 11485,S11652,S11791,S11807,S12197,S12201,S12202,S12203,S12204,S12220,S12245,S12246,S12306,S12307,S12309,S12560,S12561,S12562,S12563,S12564,S12577,S12739,S12740,S12776,S12777,S12905,S12906,S12907,S12908,S12909,S13097,S13098,S13099,S13100,S13101,S13121,S13122,S13123,S13149,S13160,S13170,S13182,S13183,S13184,S13207,S13214,S13215,S13232,S13233,S13244,S13245,S13246,S13247,S13248,S13249,S13299,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2655	10/24/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/24/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2017	1:1 ACETONE/METHYLENE CHLORIDE	EP2659	11/03/2025	04/16/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM 8000.00000ml of E3980 + 8000.00000ml of E3982 = Final Quantity: 16000.000 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4215	New 8270E/625.1 ICAL Stock Solution 100 ng	SP6856	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.04000ml of S13207 + 0.20000ml of S12197 + 0.30000ml of S12306 + 0.40000ml of S12220 + 0.50000ml of S11807 + 0.50000ml of S12245 + 0.50000ml of S12776 + 0.50000ml of S13214 + 0.50000ml of S13233 + 0.70000ml of S12307 + 1.00000ml of S12739 + 4.86000ml of E3954 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4219	40ng ICC	SP6860	08/12/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								08/22/2025

FROM 0.01000ml of S13170 + 0.60000ml of E3954 + 0.40000ml of SP6856 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3895	50 ug/ml DFTTP 8270E	SP6875	09/30/2025	03/30/2026	Rahul Chavli	None	None	Jagrut Upadhyay
								09/30/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3973 = Final Quantity: 20.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
171	8270/625 Spike Solution, 50/100 PPM	SP6895	10/16/2025	11/30/2025	Jagrut Upadhyay	None	None	Rahul Chavli
								10/16/2025

FROM 0.20000ml of S11485 + 0.20000ml of S11652 + 0.20000ml of S13149 + 0.20000ml of S13160 + 0.20000ml of S13207 + 0.20000ml of S13244 + 0.40000ml of S13101 + 0.70000ml of S13097 + 1.10000ml of S12560 + 1.20000ml of S13122 + 1.20000ml of S13245 + 1.20000ml of S13246 + 1.20000ml of S13247 + 1.20000ml of S13248 + 1.30000ml of S12561 + 1.30000ml of S12562 + 1.30000ml of S12563 + 1.30000ml of S13098 + 1.30000ml of S13099 + 1.30000ml of S13100 + 1.30000ml of S13121 + 81.50000ml of E3979 = Final Quantity: 100.000 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4215	New 8270E/625.1 ICAL Stock Solution 100 ng	SP6909	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed
								11/13/2025

FROM 0.04000ml of S13207 + 0.05000ml of S13232 + 0.15000ml of S13214 + 0.20000ml of S12201 + 0.35000ml of S13215 + 0.40000ml of S12905 + 0.45000ml of S13233 + 0.50000ml of S12246 + 0.50000ml of S12777 + 0.50000ml of S13122 + 1.00000ml of S12309 + 1.00000ml of S12740 + 4.86000ml of E3980 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4216	80ng ICC	SP6910	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed
								11/13/2025

FROM 0.01000ml of S13182 + 0.20000ml of E3980 + 0.80000ml of SP6909 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4217	60ng ICC	SP6911	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed
								11/13/2025

FROM 0.01000ml of S13182 + 0.40000ml of E3980 + 0.60000ml of SP6909 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4222	5ng ICC	SP6912	11/11/2025	12/16/2025	Jagrut Upadhyay	None	None	mohammad ahmed
								11/13/2025

FROM 0.01000ml of S13182 + 0.87500ml of E3980 + 0.12500ml of SP6860 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4219	40ng ICC	SP6913	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed
11/13/2025								

FROM 0.01000ml of S13182 + 0.60000ml of E3980 + 0.40000ml of SP6909 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4220	20ng ICC	SP6914	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed
11/13/2025								

FROM 0.01000ml of S13182 + 0.80000ml of E3980 + 0.20000ml of SP6909 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4221	10ng ICC	SP6915	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed
								11/13/2025

FROM 0.01000ml of S13182 + 0.75000ml of E3980 + 0.25000ml of SP6913 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4222	5ng ICC	SP6916	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed
								11/13/2025

FROM 0.01000ml of S13182 + 0.87500ml of E3980 + 0.12500ml of SP6913 = Final Quantity: 1.010 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4223	2.5ng ICC	SP6917	11/11/2025	01/31/2026	Jagrut Upadhyay	None	None	mohammad ahmed
								11/13/2025

FROM 0.01000ml of S13182 + 0.50000ml of E3980 + 0.50000ml of SP6916 = Final Quantity: 1.010 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6918	11/13/2025	03/22/2026	Jagrut Upadhyay	None	None	mohammad ahmed
								11/13/2025

FROM 1.50000ml of S12905 + 2.00000ml of S12909 + 4.00000ml of S12201 + 5.50000ml of S12202 + 5.50000ml of S12203 + 5.50000ml of S12906 + 5.50000ml of S12907 + 5.50000ml of S12908 + 965.00000ml of E3982 = Final Quantity: 1000.000 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1366	LOQ & LOD 20 PPM	SP6919	11/17/2025	04/16/2026	Jagrut Upadhyay	None	None	mohammad ahmed
								11/17/2025

FROM 0.20000ml of S13123 + 0.40000ml of S12564 + 0.40000ml of S13249 + 0.40000ml of S13299 + 18.60000ml of E3986 = Final Quantity: 20.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1368	LOQ & LOD 5 PPM	SP6921	11/17/2025	04/16/2026	Jagrut Upadhyay	None	None	mohammad ahmed
								11/17/2025

FROM 6.00000ml of E3986 + 2.00000ml of SP6919 = Final Quantity: 8.000 ml

SVOC STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
18	Second Source Calibration Stock Standard, 100 PPM,	SP6927	11/18/2025	04/16/2026	Jagrut Upadhyay	None	None	Sohil Jodhani
(8270/825/CLP) FROM 0.04000ml of S12204 + 0.08000ml of S12909 + 0.10000ml of S11791 + 0.20000ml of S12564 + 0.20000ml of S13249 + 0.20000ml of S13299 + 1.18000ml of E3986 = Final Quantity: 2.000 ml								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
416	40 ng BNA ICV, 40 PPM	SP6928	11/18/2025	04/16/2026	Jagrut Upadhyay	None	None	Sohil Jodhani
FROM 0.01000ml of S13183 + 0.60000ml of E3986 + 0.40000ml of SP6927 = Final Quantity: 1.010 ml								

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	09/15/2025 / Riteshkumar	09/15/2025 / Riteshkumar	E3973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24L1062001	10/04/2027	10/15/2025 / RITESHKUMAR	09/29/2025 / Riteshkumar	E3979

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24L1062001	10/04/2027	10/31/2025 / RUPESH	10/31/2025 / RUPESH	E3982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	11/14/2025 / RUPESH	11/05/2025 / RUPESH	E3986

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
ULTRA Scientific	HBM-8151M / Chlorinated Herbicide Mixtures, Methyl Esters	CR-3523	09/30/2019	06/17/2018 / eghosa	12/04/2017 / eghosa	P6910

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
ULTRA Scientific	HBM-8151M / Chlorinated Herbicide Mixtures, Methyl Esters	CR-3523	09/30/2019	06/17/2018 / eghosa	12/04/2017 / eghosa	P6910

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	04/16/2026	10/16/2025 / Jagrut	08/10/2023 / yogesh	S11485

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	01/30/2026	07/30/2025 / Rahul	11/09/2023 / Yogesh	S11652

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	05/18/2026	11/18/2025 / Jagrut	11/21/2023 / Rahul	S11791

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0200655	01/01/2026	07/01/2025 / Rahul	11/21/2023 / rahul	S11807

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12197

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	03/22/2026	09/22/2025 / Jagrut	03/15/2024 / Rahul	S12201

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	05/13/2026	11/13/2025 / Jagrut	03/15/2024 / Rahul	S12202

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	05/13/2026	11/13/2025 / Jagrut	03/15/2024 / Rahul	S12203

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	05/18/2026	11/18/2025 / Jagrut	03/15/2024 / Rahul	S12204

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0206381	01/02/2026	07/02/2025 / Jagrut	03/15/2024 / Rahul	S12220

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30409 / Pyridine, 2000 PPM in P & T Methanol	A0206650	12/16/2025	06/16/2025 / Jagrut	05/14/2024 / Rahul	S12245

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30409 / Pyridine, 2000 PPM in P & T Methanol	A0206650	04/08/2026	10/08/2025 / Jagrut	05/14/2024 / Rahul	S12246

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12306

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	08/12/2025 / Jagrut	05/30/2024 / Rahul	S12307

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31902 / CLP/SVOA Additions Mix (Atrazine, Benzaldehyde, Caprolactam) 1000ug/mL	A0206859	01/31/2026	11/07/2025 / Jagrut	05/30/2024 / Rahul	S12309

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	03/22/2026	09/22/2025 / Jagrut	07/23/2024 / RAHUL	S12560

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	04/16/2026	10/16/2025 / Jagrut	07/23/2024 / RAHUL	S12561

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	04/16/2026	10/16/2025 / Jagrut	07/23/2024 / RAHUL	S12562

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	04/16/2026	10/16/2025 / Jagrut	07/23/2024 / RAHUL	S12563

[CS 4978-2]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at \$85 per ampul if requested - contact ARM with Request]	A0214017	07/31/2026	11/17/2025 / Jagrut	07/23/2024 / RAHUL	S12564

[CS 4978-2]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH ₂ Cl ₂ , 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31900 / SOM01.1 Mega Mix, 500-1000 ug/ml	A0215529	02/12/2026	08/12/2025 / Jagrut	10/08/2024 / anahy	S12739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31900 / SOM01.1 Mega Mix, 500-1000 ug/ml	A0215529	02/28/2026	11/07/2025 / Jagrut	10/08/2024 / anahy	S12740

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride	061323	02/12/2026	08/12/2025 / Jagrut	11/08/2024 / anahy	S12776

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	90494 / 1-Methylnaphthalene, 2000 ug/mL, in methylene chloride	061323	04/08/2026	10/08/2025 / Jagrut	11/08/2024 / anahy	S12777

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml, CH ₂ Cl ₂ , 5ml	A0216785	03/22/2026	09/22/2025 / Jagrut	12/09/2024 / anahy	S12905

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	05/13/2026	11/13/2025 / Jagrut	12/09/2024 / anahy	S12906

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	05/13/2026	11/13/2025 / Jagrut	12/09/2024 / anahy	S12907

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	05/13/2026	11/13/2025 / Jagrut	12/09/2024 / anahy	S12908

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH ₂ Cl ₂ ,5ml	A0216785	05/13/2026	11/13/2025 / Jagrut	12/09/2024 / anahy	S12909

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	09/03/2025 / Jagrut	05/20/2025 / Rahul	S13097

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	10/16/2025 / Jagrut	05/20/2025 / Rahul	S13098

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	10/16/2025 / Jagrut	05/20/2025 / Rahul	S13099

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	10/16/2025 / Jagrut	05/20/2025 / Rahul	S13100

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0221014	11/30/2025	10/16/2025 / Jagrut	05/20/2025 / Rahul	S13101

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	04/08/2026	10/08/2025 / Jagrut	05/20/2025 / Rahul	S13121

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	04/16/2026	10/16/2025 / Jagrut	05/20/2025 / Rahul	S13122

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0218894	05/17/2026	11/17/2025 / Jagrut	05/20/2025 / Rahul	S13123

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555869 / Custom Standard, hexachlorocyclopentadiene Std [CS 5328-2]	A0201702	02/25/2026	08/25/2025 / Jagrut	11/13/2023 / Rahul	S13149

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555871 / Custom Standard, 4-nitrophenol Std [CS 5238-4]	A0226283	02/25/2026	08/25/2025 / Jagrut	06/04/2025 / Rahul	S13160

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	02/11/2026	08/11/2025 / Rahul	06/02/2025 / anahy	S13170

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	05/07/2026	11/07/2025 / rahul	06/02/2025 / anahy	S13182

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	05/13/2026	11/13/2025 / rahul	06/02/2025 / anahy	S13183

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH ₂ Cl ₂ , 1mL	A0224359	05/21/2026	11/21/2025 / Jagrut	06/02/2025 / anahy	S13184

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555868 / Custom Standard, Benzidine Std [CS 5328-1]	A0226493	02/12/2026	08/12/2025 / Jagrut	06/11/2025 / anahy	S13207

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul	A0221395	02/12/2026	08/12/2025 / Jagrut	07/10/2025 / anahy	S13214

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31879 / Benzoic Acid, 2000 µg/mL, Methylene Chloride, 1 mL/ampul	A0221395	05/07/2026	11/07/2025 / Jagrut	07/10/2025 / anahy	S13215

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	582978 / Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul,	A0228192	05/07/2026	11/07/2025 / Jagrut	08/01/2025 / Rahul	S13232

Chromatographic,
CS-347186

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	582978 / Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride, 1mL/ampul,	A0228192	02/12/2026	08/12/2025 / Jagrut	08/01/2025 / Rahul	S13233

Chromatographic,
CS-347186

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	02/25/2026	08/25/2025 / Jagrut	08/06/2025 / Rahul	S13244

[CS 4978-1]

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	03/23/2026	09/22/2025 / Jagrut	08/06/2025 / Rahul	S13245

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	04/16/2026	10/16/2025 / Jagrut	08/06/2025 / Rahul	S13246

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	04/16/2026	10/16/2025 / Jagrut	08/06/2025 / Rahul	S13247

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	04/16/2026	10/16/2025 / Jagrut	08/06/2025 / Rahul	S13248

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at \$100 per ampul if requested - contact ARM with Request]	A0228451	04/27/2026	10/27/2025 / Jagrut	08/06/2025 / Rahul	S13249

[CS 4978-1]

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH ₂ Cl ₂ [New Solvent 100% CH ₂ Cl ₂]	A0229652	04/27/2026	10/27/2025 / Jagrut	10/15/2025 / rahul	S13299



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CP 64070
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www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

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Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 1/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25B1862001
Manufactured Date: 2024-12-18
Expiration Date: 2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	2
Assay (CH ₂ Cl ₂) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8 \%$	99.9 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titration Acid (μeq/g)	≤ 0.3	<0.1
Chloride (Cl)	≤ 10 ppm	<5 ppm
Water (by KF, coulometric)	$\leq 0.02 \%$	<0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

RS
7/14/25

E3954

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis



Material No.: 9254-03
Batch No.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date: 2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.1
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3979

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

REC. on 10/10/25
RJ

E3980

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03
Batch No.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date: 2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.1
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 10/29/25

E3982

J. Croak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	100.0%
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Received on 11/5/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3986

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

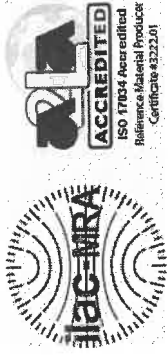


110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.
This Reference Material is intended for Laboratory Use Only as a standard for
the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 555870 Lot No.: A0200549

Description : Custom 2,4-Dinitrophenol Standard

Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL Pkg Amt: > 1 mL

Expiration Date : August 31, 2026 Storage: 10°C or colder

Ship: Ambient

5116gh } Y.P.
↓
511693 } 08/10/28

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%


Tom Suckar Mix Technician

Date Mixed: 02-Aug-2023 Balance: 1128342314

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{U_{gravimetric}^2 + U_{homogeneity}^2 + U_{storage\ stability}^2 + U_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.
This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No.: 555872 Lot No.: A0201728

Description : Custom Pentachlorophenol Standard

Custom Pentachlorophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL Pkg Amt: > 1 mL

Expiration Date : September 30, 2026 Storage: 10°C or colder

Ship: Ambient

51164g
↓
511658
Y.P.
11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty* (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP230530RSR	99%	25,000.0 µg/mL	+/- 777.0837

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Josh McCloskey - Operations Technician I

Date Mixed: 05-Sep-2023 Balance: B251644995

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0196453
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : March 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11749
↓
S11794 } RC / 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBN3770	99%	2,013.0 µg/mL	+/- 25.0521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

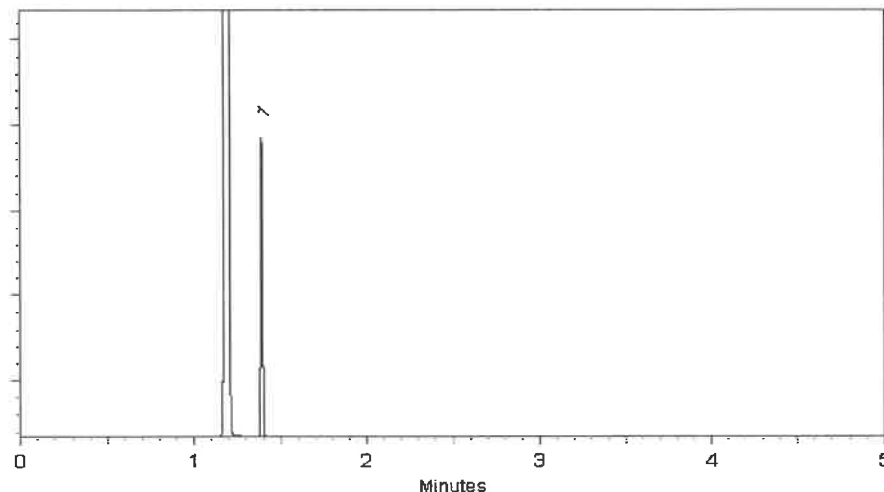
FID

Split Vent:

100 mL/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 30-Mar-2023

Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Mar-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : August 31, 2028 **Storage:** 0°C or colder
Ship: Ambient

S11795
↓
S11808 } RC /
11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

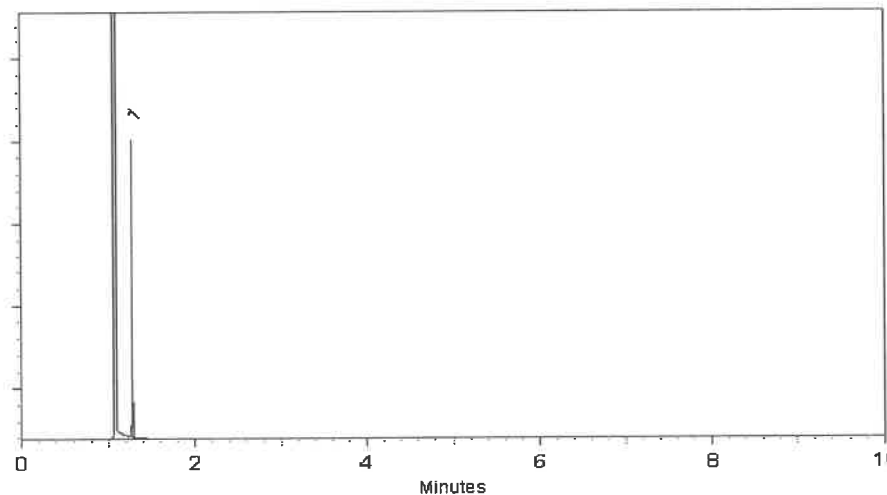
FID

Split Vent:

100 mL/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

512187 } RC/
↓
512206 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

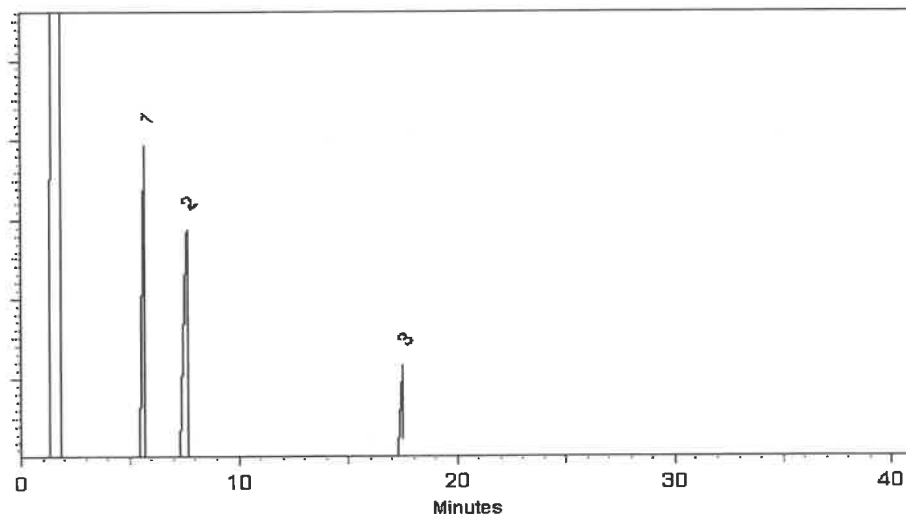
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope A. Riglin

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206
Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : January 31, 2032 **Storage:** 10°C or colder
Ship: Ambient

512187 } RC/
↓
512206 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

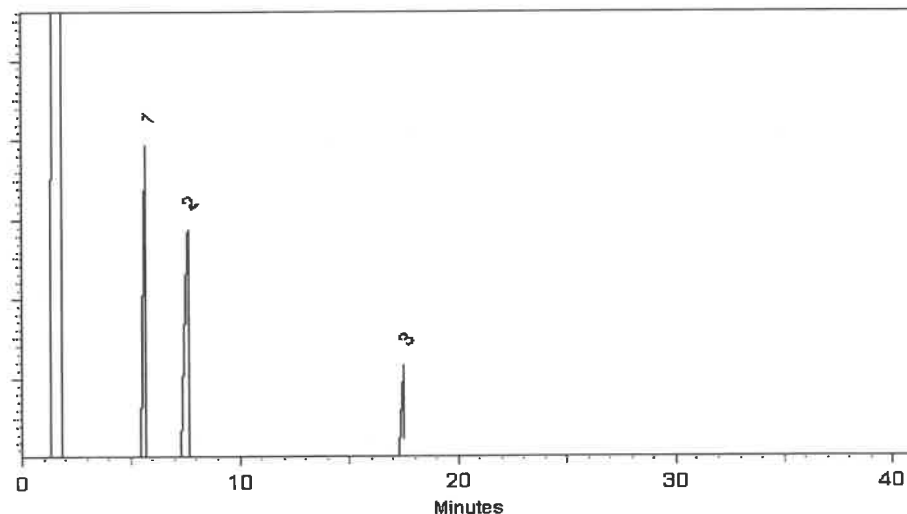
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope A. Riglin

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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Catalog No. : 31087 **Lot No.:** A0206206
Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : January 31, 2032 **Storage:** 10°C or colder
Ship: Ambient

512187 } RC/
↓
512206 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

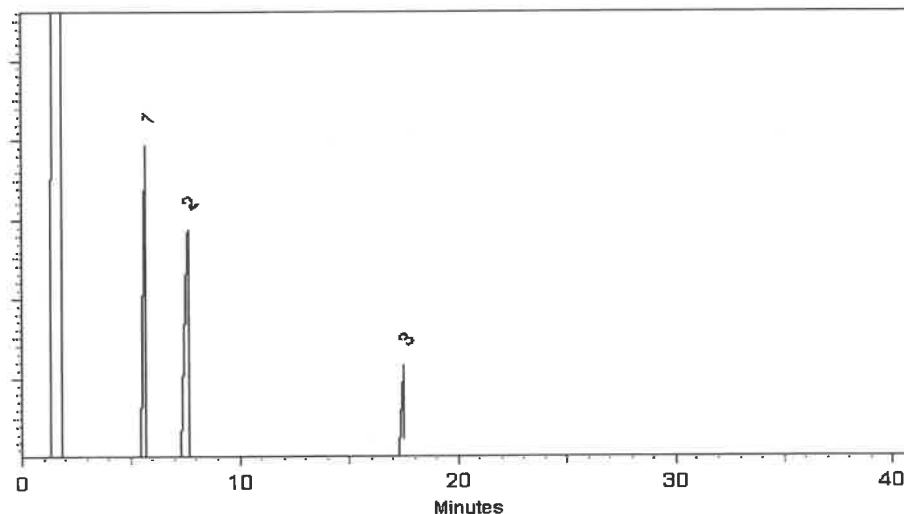
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



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Penelope A. Riglin

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

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Date Passed: 08-Jan-2024

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Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : January 31, 2032 **Storage:** 10°C or colder
Ship: Ambient

512187 } RC/
↓
512206 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

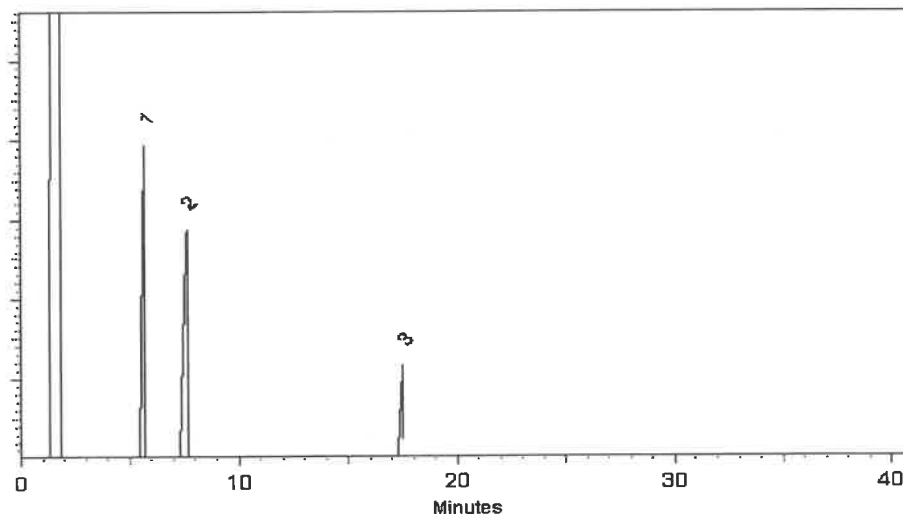
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



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Penelope A. Riglin

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

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Catalog No. : 31087 **Lot No.:** A0206206
Description : Acid Surrogate Mix (4/89 SOW)
Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : January 31, 2032 **Storage:** 10°C or colder
Ship: Ambient

512187 } RC/
↓
512206 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

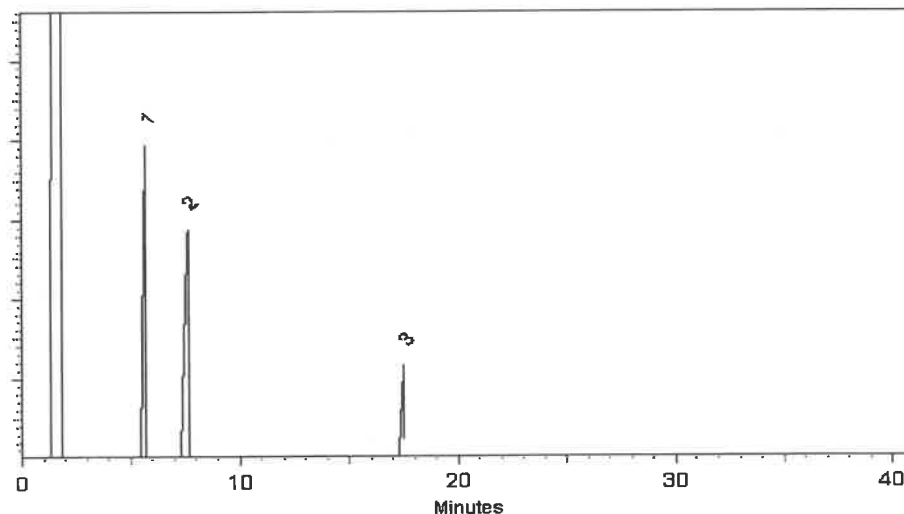
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope A. Riglin

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024

Balance Serial # 1128360905

Christie Mills

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381
Description : B/N Surrogate Mix (4/89 SOW)
Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul
Container Size : 5 mL **Pkg Amt:** > 5 mL
Expiration Date : December 31, 2029 **Storage:** 10°C or colder
Handling: Sonicate prior to use. **Ship:** Ambient

S12207 } RC/
↓
S12221 } 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-S (cat.#10223)

Carrier Gas:

hydrogen-constant pressure 10 psi.

Temp. Program:

40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

330°C

Det. Type:

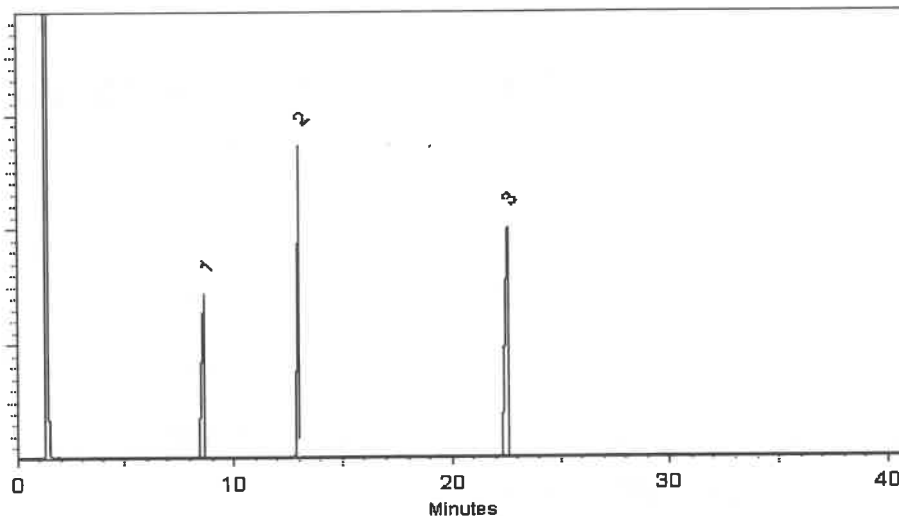
FID

Split Vent:

2 ml/min.

Inj. Vol

1µl



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Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30409 **Lot No.:** A0206650
Description : Pyridine Standard
Pyridine 2000µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : October 31, 2027 **Storage:** 0°C or colder
Ship: Ambient

512242 } RC/
↓
512254 } 5/15/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	2,020.0 µg/mL	+/- 33.0924

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

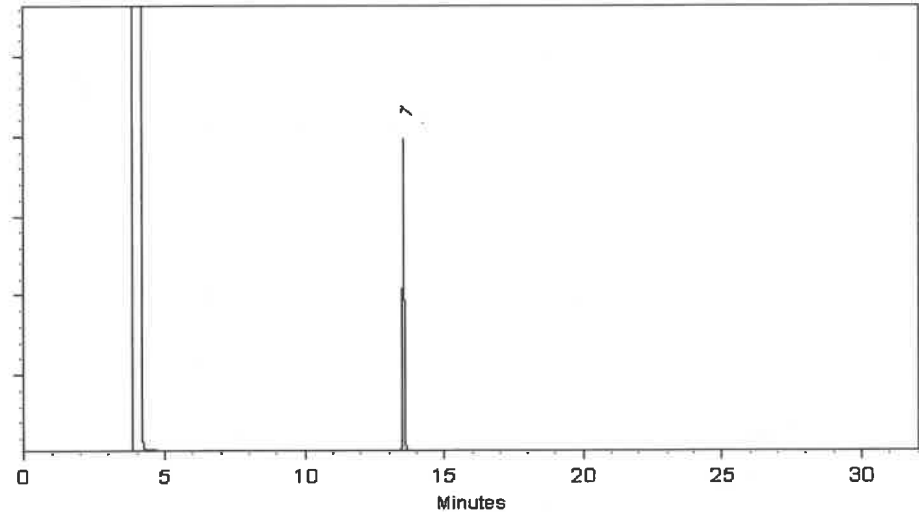
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



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Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 16-Jan-2024

Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30409 **Lot No.:** A0206650

Description : Pyridine Standard
Pyridine 2000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2027 **Storage:** 0°C or colder
Ship: Ambient

512242 } RC/
↓
512254 } 5/15/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	2,020.0 µg/mL	+/- 33.0924

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

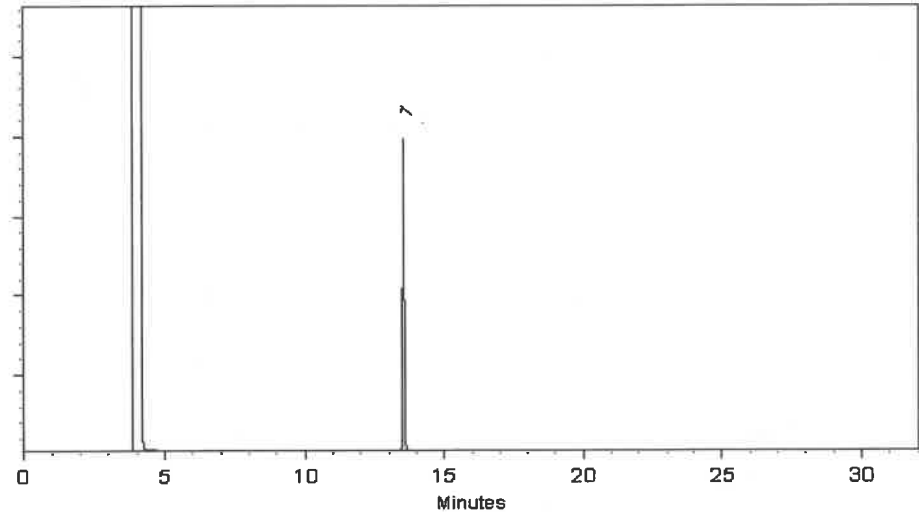
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



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Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 16-Jan-2024

Balance Serial # B707717271

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Jan-2024

Manufactured under Restek's ISO 9001:2015
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Catalog No. : 31902 **Lot No.:** A0206859

Description : Additions Standard
Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

512302 } RC/
↓
512311 } 5/30/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

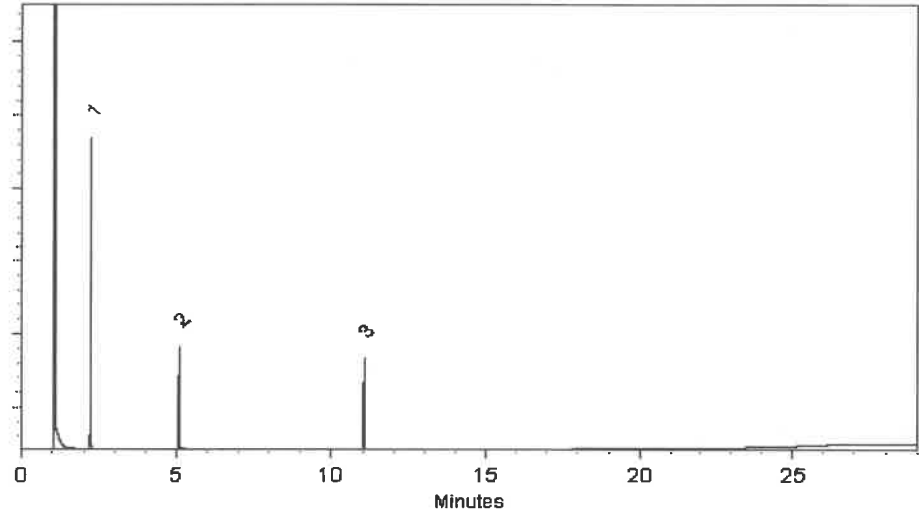
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



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Stacey Wanner - Operations Technician I

Date Mixed: 23-Jan-2024

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31902 **Lot No.:** A0206859

Description : Additions Standard

Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

512302 } RC/
↓
512311 } 5/30/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

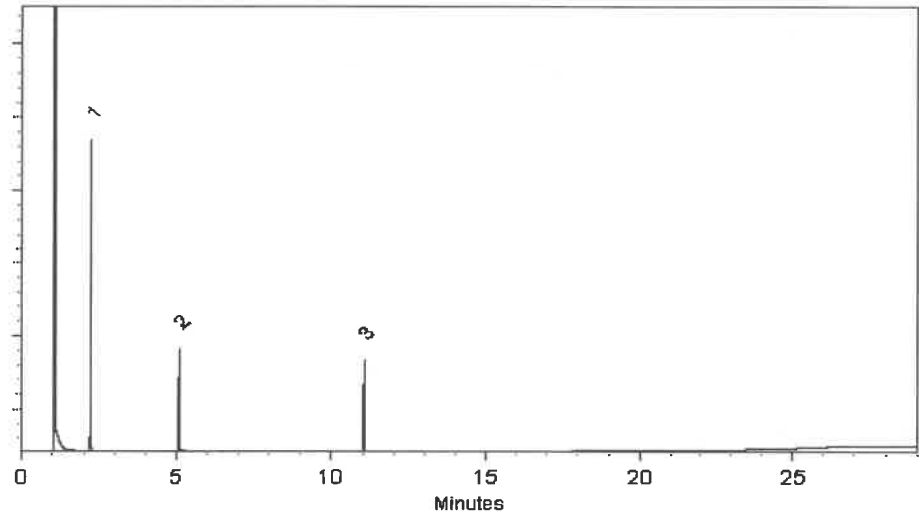
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



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Stacey Wanner - Operations Technician I

Date Mixed: 23-Jan-2024

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
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Catalog No. : 31902 **Lot No.:** A0206859

Description : Additions Standard
Additions Standard 1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

512302 } RC/
↓
512311 } 5/30/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,005.0 µg/mL	+/- 29.5419
2	epsilon-Caprolactam	105-60-2	I16X016	99%	1,008.8 µg/mL	+/- 29.6521
3	Atrazine	1912-24-9	5FYWL	99%	1,008.8 µg/mL	+/- 29.6521

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

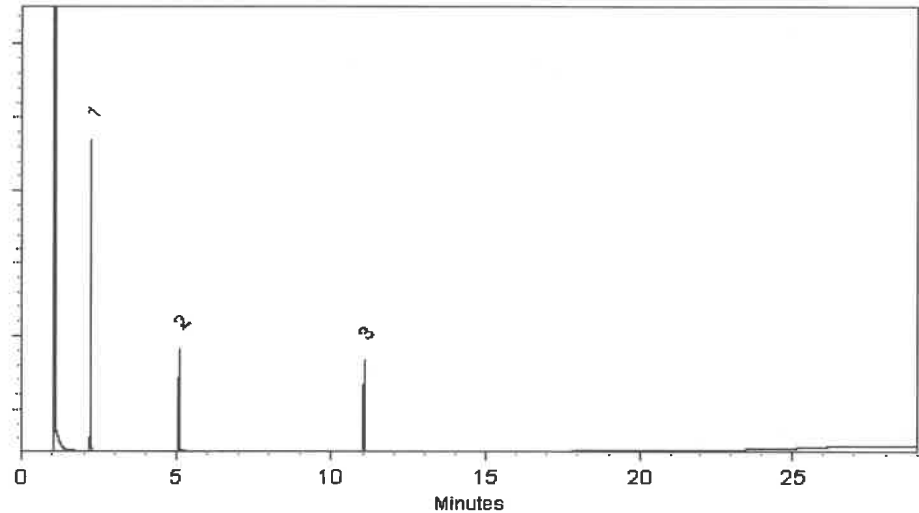
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 23-Jan-2024

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
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gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 } RC/
↓
S12568 } 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
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5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 } RC/
↓
S12568 } 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
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5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 } RC/
↓
S12568 } 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 } RC/
↓
S12568 } 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 } RC/
↓
S12568 } 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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Manufacturing Notes:

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Handling Notes:

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CERTIFIED REFERENCE MATERIAL

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chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31615 **Lot No.:** A0212955

Description : GC/MS Tuning Mixture
GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2027 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,004.5 µg/mL	+/- 44.8902
2	DFTPP (Decafluorotriphenylphosphine)	5074-71-5	Q117-147	99%	1,004.5 µg/mL	+/- 44.8902
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 44.9572
4	4,4'-DDT	50-29-3	S240530RSR	97%	1,000.1 µg/mL	+/- 44.6922

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12577 } RC
↓
S12579 } 8/2/24

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

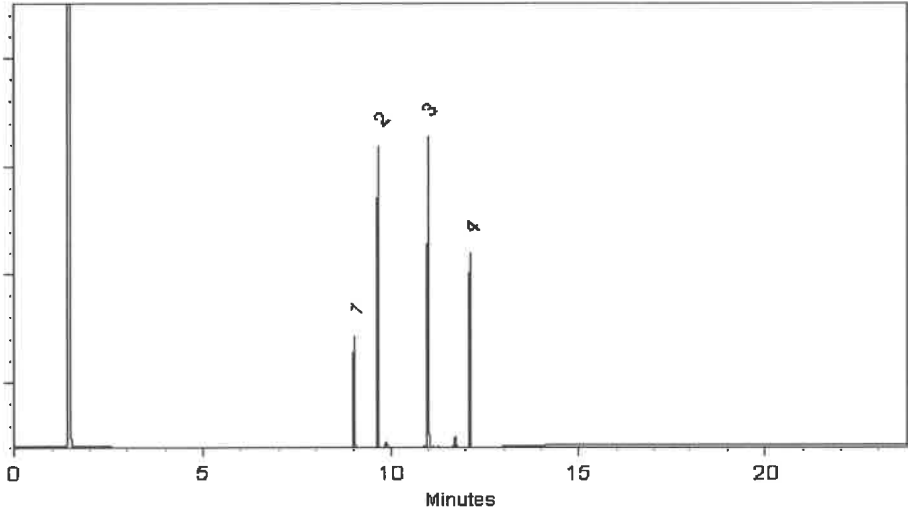
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

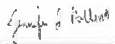
Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Ethan Winiarski - Operations Tech I

Date Mixed: 19-Jun-2024 Balance Serial # 1128353505


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 26-Jun-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



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Catalog No. : 31900 **Lot No.:** A0215529

Description : OLM 01.1 Revised SV MegaMix
OLM 01.1 Revised SV MegaMix 500-1000 µg/mL, Methylene chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12736 } AC
↓
S12754 } 10/9/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Phenol	108-95-2	MKCK1120	99%	1,008.6 µg/mL	+/- 19.3211
2	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,002.3 µg/mL	+/- 19.2013
3	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.2 µg/mL	+/- 19.2564
4	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,006.3 µg/mL	+/- 19.2768
5	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,009.3 µg/mL	+/- 19.3354
6	Acetophenone	98-86-2	STBH8205	99%	1,003.8 µg/mL	+/- 18.5851
7	Hexachloroethane	67-72-1	QTORH	99%	1,000.6 µg/mL	+/- 19.1690
8	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.5 µg/mL	+/- 19.2599
9	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	500.3 µg/mL	+/- 9.5854
10	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 9.6213
11	Nitrobenzene	98-95-3	10224044	99%	1,003.2 µg/mL	+/- 19.2181
12	Isophorone	78-59-1	MKCC9506	99%	1,007.0 µg/mL	+/- 19.2911
13	2-Nitrophenol	88-75-5	RP230509C	99%	1,003.4 µg/mL	+/- 19.2217
14	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,008.1 µg/mL	+/- 19.3115
15	Bis(2-chloroethoxy)methane	111-91-1	15174900	99%	1,002.3 µg/mL	+/- 19.2001
16	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,002.3 µg/mL	+/- 19.2001

17	Naphthalene	91-20-3	STBL1057	99%	1,003.6	µg/mL	+/-	19.2253
18	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.5	µg/mL	+/-	19.2791
19	Hexachlorobutadiene	87-68-3	RP240110CTH	97%	1,003.9	µg/mL	+/-	19.2316
20	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,005.1	µg/mL	+/-	19.2718
21	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.8	µg/mL	+/-	19.2301
22	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,000.5	µg/mL	+/-	19.1832
23	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/-	19.1811
24	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.1	µg/mL	+/-	19.2349
25	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,008.6	µg/mL	+/-	19.3221
26	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,002.3	µg/mL	+/-	19.2001
27	Biphenyl	92-52-4	MKCS5928	99%	1,001.3	µg/mL	+/-	18.5388
28	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,000.5	µg/mL	+/-	19.1832
29	Acenaphthylene	208-96-8	214935V16F	97%	999.9	µg/mL	+/-	19.1561
30	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.8	µg/mL	+/-	19.2672
31	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,001.2	µg/mL	+/-	19.1798
32	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	19.1570
33	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,005.5	µg/mL	+/-	19.2791
34	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,008.8	µg/mL	+/-	19.3259
35	Dibenzofuran	132-64-9	MKCD9952	99%	1,002.5	µg/mL	+/-	18.5619
36	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,002.5	µg/mL	+/-	19.2049
37	4-Nitrophenol	100-02-7	RP230627	99%	1,004.4	µg/mL	+/-	19.2421
38	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,001.5	µg/mL	+/-	19.2024
39	Fluorene	86-73-7	10241100	99%	1,004.2	µg/mL	+/-	19.2373
40	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.0	µg/mL	+/-	19.2145
41	Diethylphthalate	84-66-2	BCCJ6241	99%	1,002.1	µg/mL	+/-	19.1978
42	4-Nitroaniline	100-01-6	RP240510RSR	99%	1,005.0	µg/mL	+/-	19.2695
43	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S240410RSR	99%	1,001.1	µg/mL	+/-	19.1786
44	Diphenylamine	122-39-4	MKCT1512	99%	1,004.5	µg/mL	+/-	19.2599
45	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.9	µg/mL	+/-	19.2708
46	Hexachlorobenzene	118-74-1	15458400	99%	1,009.2	µg/mL	+/-	19.3331
47	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,008.9	µg/mL	+/-	19.3283
48	Phenanthrene	85-01-8	MKCS5188	99%	1,006.2	µg/mL	+/-	19.2756
49	Anthracene	120-12-7	101492T18R	99%	1,001.6	µg/mL	+/-	19.1882
50	Carbazole	86-74-8	15276700	99%	1,004.0	µg/mL	+/-	19.2503
51	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,002.5	µg/mL	+/-	19.2049
52	Fluoranthene	206-44-0	MKCQ4728	99%	1,008.7	µg/mL	+/-	19.3235

53	Pyrene	129-00-0	BCCK2592	99%	1,002.9	µg/mL	+/- 19.2121
54	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.6	µg/mL	+/- 19.2444
55	Benz(a)anthracene	56-55-3	I50012022BAA	99%	1,009.1	µg/mL	+/- 19.3307
56	Chrysene	218-01-9	RP240719RSR	99%	1,005.9	µg/mL	+/- 19.2708
57	3,3'-Dichlorobenzidine	91-94-1	S231019RSR	99%	1,001.5	µg/mL	+/- 19.2024
58	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,006.3	µg/mL	+/- 19.2768
59	Di-n-octyl phthalate	117-84-0	15276800	99%	1,008.9	µg/mL	+/- 19.3283
60	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,006.4	µg/mL	+/- 19.2792
61	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,001.9	µg/mL	+/- 19.1942
62	Benzo(a)pyrene	50-32-8	O45GL	98%	1,003.9	µg/mL	+/- 19.2327
63	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,003.7	µg/mL	+/- 19.2281
64	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,004.2	µg/mL	+/- 19.2373
65	Benzo(g,h,i)perylene	191-24-2	RP240625RSR	97%	1,001.5	µg/mL	+/- 19.1863

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31900 **Lot No.:** A0215529

Description : OLM 01.1 Revised SV MegaMix
OLM 01.1 Revised SV MegaMix 500-1000 µg/mL, Methylene chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12736 } AC
↓
S12754 } 10/9/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Phenol	108-95-2	MKCK1120	99%	1,008.6 µg/mL	+/- 19.3211
2	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,002.3 µg/mL	+/- 19.2013
3	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.2 µg/mL	+/- 19.2564
4	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,006.3 µg/mL	+/- 19.2768
5	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,009.3 µg/mL	+/- 19.3354
6	Acetophenone	98-86-2	STBH8205	99%	1,003.8 µg/mL	+/- 18.5851
7	Hexachloroethane	67-72-1	QTORH	99%	1,000.6 µg/mL	+/- 19.1690
8	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.5 µg/mL	+/- 19.2599
9	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	500.3 µg/mL	+/- 9.5854
10	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 9.6213
11	Nitrobenzene	98-95-3	10224044	99%	1,003.2 µg/mL	+/- 19.2181
12	Isophorone	78-59-1	MKCC9506	99%	1,007.0 µg/mL	+/- 19.2911
13	2-Nitrophenol	88-75-5	RP230509C	99%	1,003.4 µg/mL	+/- 19.2217
14	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,008.1 µg/mL	+/- 19.3115
15	Bis(2-chloroethoxy)methane	111-91-1	15174900	99%	1,002.3 µg/mL	+/- 19.2001
16	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,002.3 µg/mL	+/- 19.2001

17	Naphthalene	91-20-3	STBL1057	99%	1,003.6	µg/mL	+/-	19.2253
18	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.5	µg/mL	+/-	19.2791
19	Hexachlorobutadiene	87-68-3	RP240110CTH	97%	1,003.9	µg/mL	+/-	19.2316
20	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,005.1	µg/mL	+/-	19.2718
21	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.8	µg/mL	+/-	19.2301
22	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,000.5	µg/mL	+/-	19.1832
23	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/-	19.1811
24	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.1	µg/mL	+/-	19.2349
25	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,008.6	µg/mL	+/-	19.3221
26	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,002.3	µg/mL	+/-	19.2001
27	Biphenyl	92-52-4	MKCS5928	99%	1,001.3	µg/mL	+/-	18.5388
28	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,000.5	µg/mL	+/-	19.1832
29	Acenaphthylene	208-96-8	214935V16F	97%	999.9	µg/mL	+/-	19.1561
30	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.8	µg/mL	+/-	19.2672
31	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,001.2	µg/mL	+/-	19.1798
32	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/-	19.1570
33	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,005.5	µg/mL	+/-	19.2791
34	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,008.8	µg/mL	+/-	19.3259
35	Dibenzofuran	132-64-9	MKCD9952	99%	1,002.5	µg/mL	+/-	18.5619
36	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,002.5	µg/mL	+/-	19.2049
37	4-Nitrophenol	100-02-7	RP230627	99%	1,004.4	µg/mL	+/-	19.2421
38	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,001.5	µg/mL	+/-	19.2024
39	Fluorene	86-73-7	10241100	99%	1,004.2	µg/mL	+/-	19.2373
40	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.0	µg/mL	+/-	19.2145
41	Diethylphthalate	84-66-2	BCCJ6241	99%	1,002.1	µg/mL	+/-	19.1978
42	4-Nitroaniline	100-01-6	RP240510RSR	99%	1,005.0	µg/mL	+/-	19.2695
43	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S240410RSR	99%	1,001.1	µg/mL	+/-	19.1786
44	Diphenylamine	122-39-4	MKCT1512	99%	1,004.5	µg/mL	+/-	19.2599
45	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.9	µg/mL	+/-	19.2708
46	Hexachlorobenzene	118-74-1	15458400	99%	1,009.2	µg/mL	+/-	19.3331
47	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,008.9	µg/mL	+/-	19.3283
48	Phenanthrene	85-01-8	MKCS5188	99%	1,006.2	µg/mL	+/-	19.2756
49	Anthracene	120-12-7	101492T18R	99%	1,001.6	µg/mL	+/-	19.1882
50	Carbazole	86-74-8	15276700	99%	1,004.0	µg/mL	+/-	19.2503
51	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,002.5	µg/mL	+/-	19.2049
52	Fluoranthene	206-44-0	MKCQ4728	99%	1,008.7	µg/mL	+/-	19.3235

53	Pyrene	129-00-0	BCCK2592	99%	1,002.9	µg/mL	+/- 19.2121
54	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.6	µg/mL	+/- 19.2444
55	Benz(a)anthracene	56-55-3	I50012022BAA	99%	1,009.1	µg/mL	+/- 19.3307
56	Chrysene	218-01-9	RP240719RSR	99%	1,005.9	µg/mL	+/- 19.2708
57	3,3'-Dichlorobenzidine	91-94-1	S231019RSR	99%	1,001.5	µg/mL	+/- 19.2024
58	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,006.3	µg/mL	+/- 19.2768
59	Di-n-octyl phthalate	117-84-0	15276800	99%	1,008.9	µg/mL	+/- 19.3283
60	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,006.4	µg/mL	+/- 19.2792
61	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,001.9	µg/mL	+/- 19.1942
62	Benzo(a)pyrene	50-32-8	O45GL	98%	1,003.9	µg/mL	+/- 19.2327
63	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,003.7	µg/mL	+/- 19.2281
64	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,004.2	µg/mL	+/- 19.2373
65	Benzo(g,h,i)perylene	191-24-2	RP240625RSR	97%	1,001.5	µg/mL	+/- 19.1863

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.



Certified Reference Material CRM



CERTIFIED WEIGHT REPORT

Part Number: 90494
Lot Number: 061323
Description: 1-Methylnaphthalene

Solvent(s): Lot#
Methylene chloride C21F09CAS0000DCM

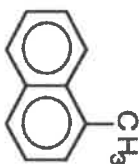
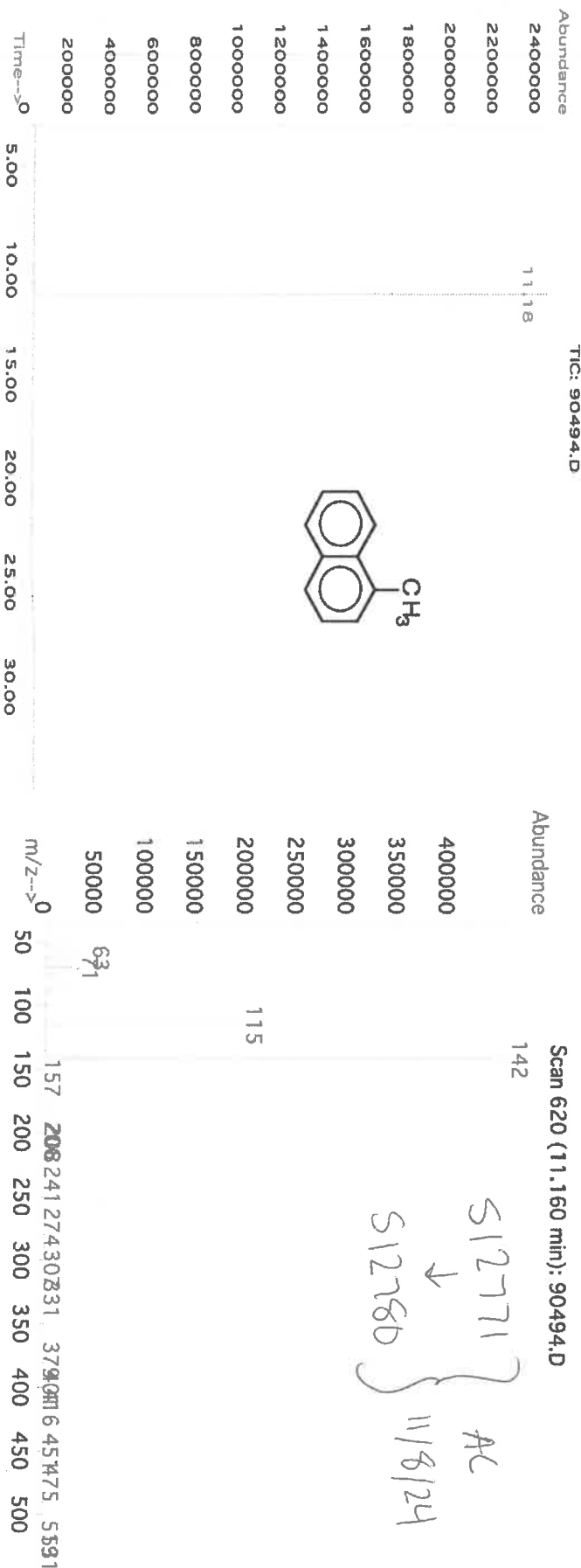
Expiration Date: 061328
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB
Weight(s) shown below were combined and diluted to (mL): 100.0
5E-05 Balance Uncertainty
0.031 Flask Uncertainty

Formulated By: <i>Praeshant Chauhan</i>	061323
Reviewed By: <i>Pedro L. Farias</i>	061323
DATE	

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (±) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50

1. 1-Methylnaphthalene 313 04413BX 2000 98 0.2 0.20417 0.20430 2001.2 8.3 90-12-0 N/A or: rat 1840mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B = 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (±) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N., and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



Certified Reference Material CRM



CERTIFIED WEIGHT REPORT

Part Number: 90494
Lot Number: 061323
Description: 1-Methylnaphthalene

Solvent(s): Lot#
Methylene chloride C21F09CAS0000DCM

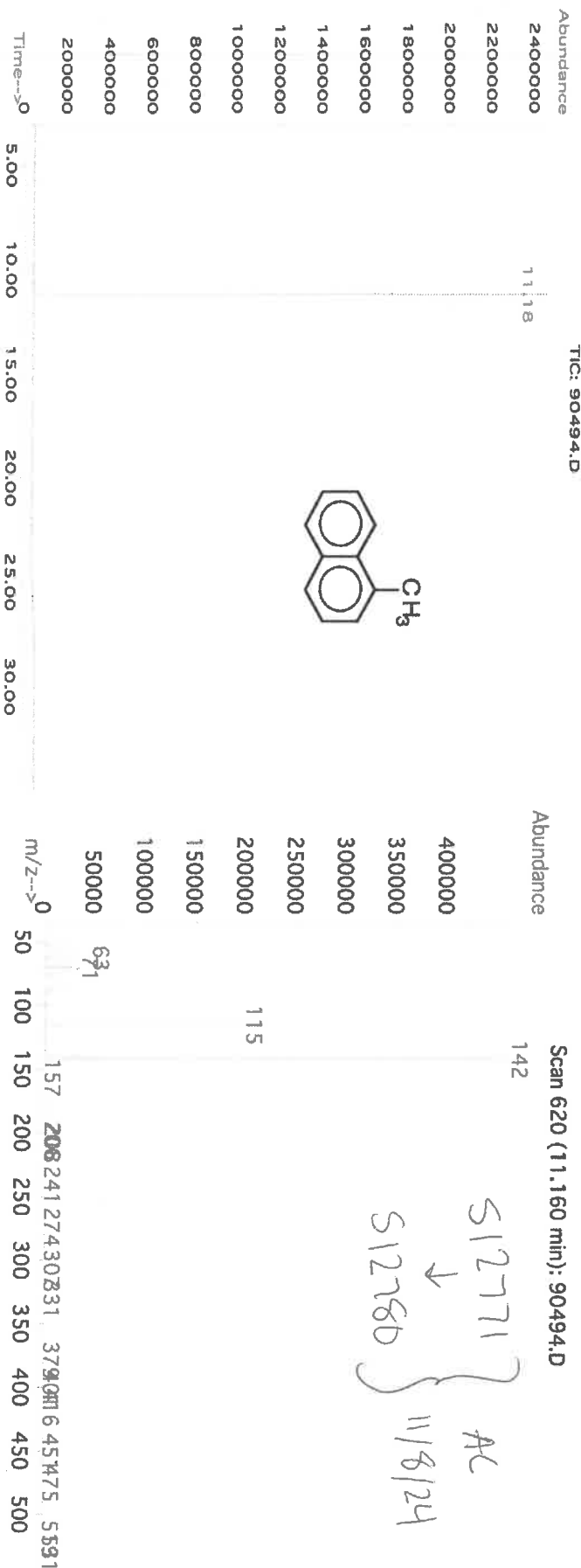
Expiration Date: 061328
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB
Weight(s) shown below were combined and diluted to (mL): 100.0
5E-05 Balance Uncertainty
0.031 Flask Uncertainty

Formulated By:	Praharth Chauhan	061323	DATE
Reviewed By:	Pedro L. Fentias	061323	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (±) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50

1. 1-Methylnaphthalene 313 04413BX 2000 98 0.2 0.20417 0.20430 2001.2 8.3 90-12-0 N/A or: rat 1840mg/kg

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B = 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N., and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

513088 }
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513117 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916	
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612	
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402	1
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516	3
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980	5
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793	7
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269	9
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975	10
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566	11
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757	13
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584	14
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475	15
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888	16
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489	18
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734	
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847	
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525	
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657	
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803	
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803	
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739	
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948	
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584	
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762	
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589	

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

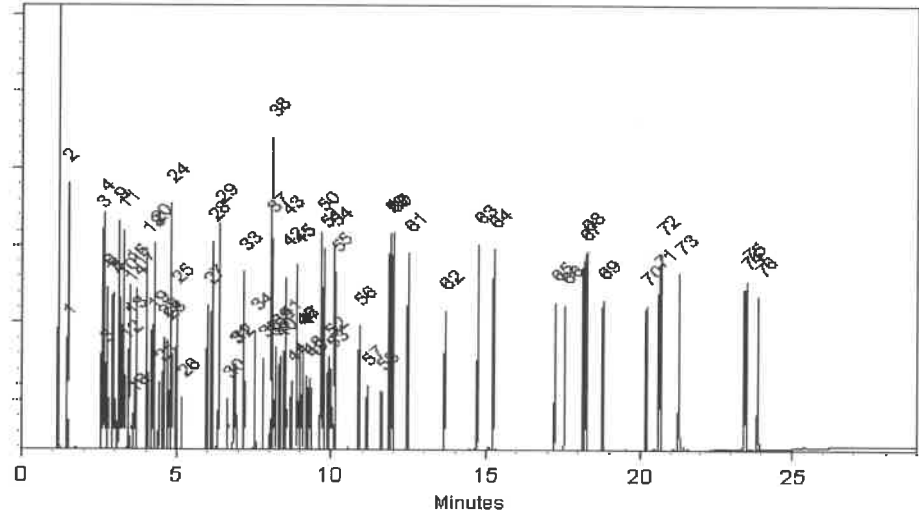
FID

Split Vent:

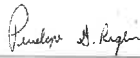
100 ml/min.

Inj. Vol

1µl

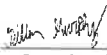


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025

Balance Serial # 1128360905


Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916	
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612	
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402	1
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516	3
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980	5
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793	7
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269	9
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975	10
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566	11
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757	13
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584	14
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475	15
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888	16
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489	18
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734	
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847	
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525	
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657	
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803	
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803	
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739	
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948	
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584	
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762	
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589	

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

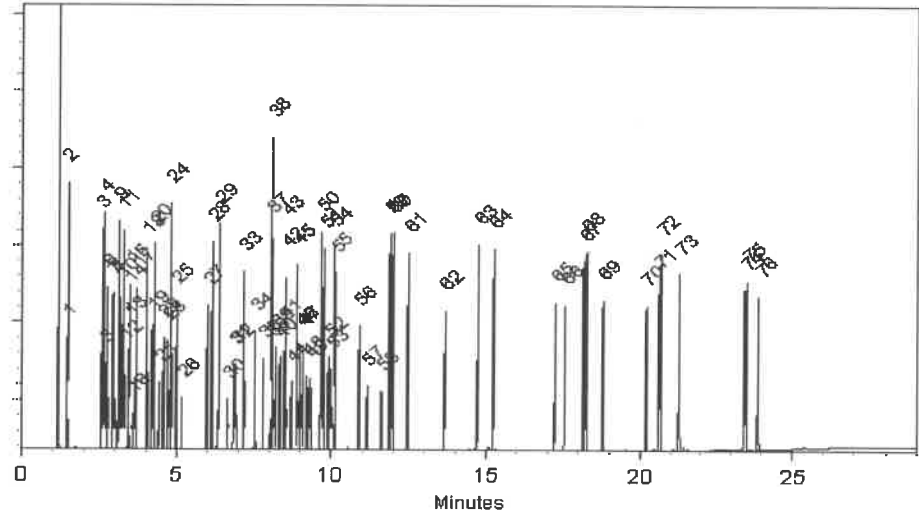
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Split Vent:

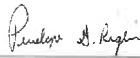
100 ml/min.

Inj. Vol

1µl

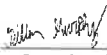


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025

Balance Serial # 1128360905


Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916	
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612	
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402	1
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516	3
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980	5
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793	7
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269	9
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975	10
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566	11
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757	13
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584	14
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475	15
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888	16
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489	18
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734	
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847	
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525	
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657	
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803	
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803	
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739	
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948	
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584	
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762	
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589	

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

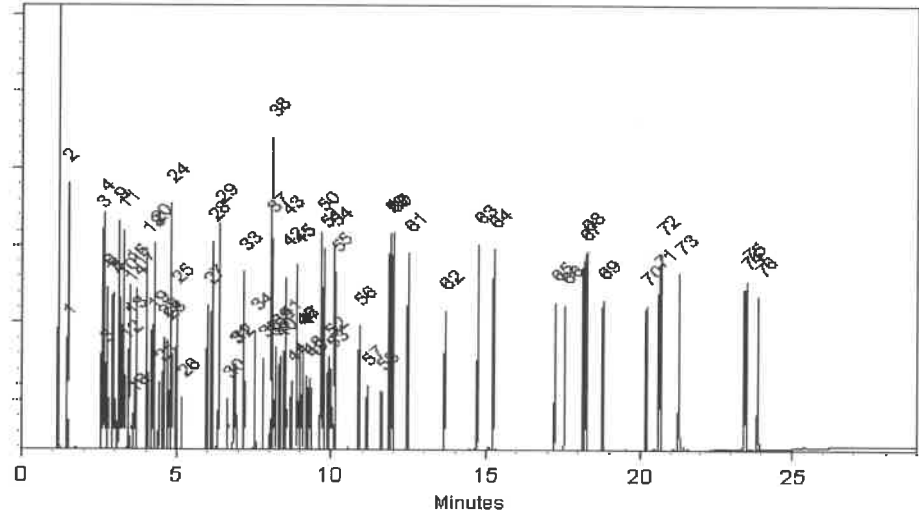
FID

Split Vent:

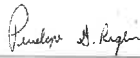
100 ml/min.

Inj. Vol

1µl

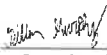


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025

Balance Serial # 1128360905


Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916	
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612	
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402	1
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516	3
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980	5
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793	7
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269	9
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975	10
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566	11
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757	13
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584	14
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475	15
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888	16
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489	18
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734	
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847	
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525	
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657	
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803	
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803	
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739	
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948	
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584	
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762	
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589	

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

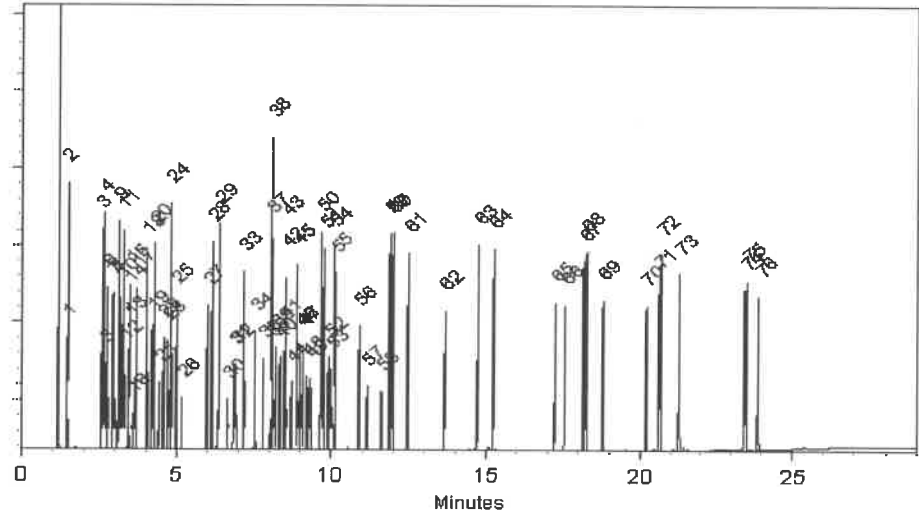
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Split Vent:

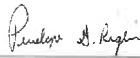
100 ml/min.

Inj. Vol

1µl

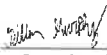


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025

Balance Serial # 1128360905


Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0221014

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

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CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,005.2 µg/mL	+/- 36.5730
2	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	1,005.5 µg/mL	+/- 36.5848
3	Phenol	108-95-2	MKCK1120	99%	1,005.3 µg/mL	+/- 36.5780
4	Aniline	62-53-3	X22F726	99%	1,005.4 µg/mL	+/- 36.5816
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,004.7 µg/mL	+/- 36.5562
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.3 µg/mL	+/- 36.5766
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.6 µg/mL	+/- 36.5530
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,006.3 µg/mL	+/- 36.6125
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,005.5 µg/mL	+/- 36.5853
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,004.6 µg/mL	+/- 36.5507
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.8 µg/mL	+/- 36.5575
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,005.4 µg/mL	+/- 36.5803
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.7 µg/mL	+/- 18.2888
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	502.6 µg/mL	+/- 18.2869
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.6 µg/mL	+/- 36.5502
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.6 µg/mL	+/- 36.5530
17	Nitrobenzene	98-95-3	10224044	99%	1,005.3 µg/mL	+/- 36.5780

18	Isophorone	78-59-1	MKCR3249	99%	1,004.6	µg/mL	+/- 36.5511	
19	2-Nitrophenol	88-75-5	RP230710	99%	1,005.7	µg/mL	+/- 36.5916	
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.9	µg/mL	+/- 36.5612	
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.3	µg/mL	+/- 36.5402	1
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.7	µg/mL	+/- 36.5571	2
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,004.6	µg/mL	+/- 36.5516	3
24	Naphthalene	91-20-3	STBL1057	99%	1,006.8	µg/mL	+/- 36.6335	4
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,005.9	µg/mL	+/- 36.5980	5
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,004.1	µg/mL	+/- 36.5328	6
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,005.4	µg/mL	+/- 36.5793	7
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,006.3	µg/mL	+/- 36.6144	8
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269	9
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,005.9	µg/mL	+/- 36.5975	10
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,004.7	µg/mL	+/- 36.5566	11
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.7	µg/mL	+/- 36.5571	12
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,005.3	µg/mL	+/- 36.5757	13
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.8	µg/mL	+/- 36.5584	14
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,004.5	µg/mL	+/- 36.5475	15
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.1	µg/mL	+/- 36.3888	16
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.9	µg/mL	+/- 36.5616	17
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,004.5	µg/mL	+/- 36.5489	18
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,005.2	µg/mL	+/- 36.5734	
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,005.9	µg/mL	+/- 36.6003	
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847	
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5525	
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,005.0	µg/mL	+/- 36.5657	
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,005.4	µg/mL	+/- 36.5803	
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,005.4	µg/mL	+/- 36.5803	
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,005.7	µg/mL	+/- 36.5930	
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,004.9	µg/mL	+/- 36.5616	
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP240523RSR	99%	1,005.2	µg/mL	+/- 36.5739	
49	Fluorene	86-73-7	10246250	98%	1,005.8	µg/mL	+/- 36.5948	
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.8	µg/mL	+/- 36.5584	
51	Diethylphthalate	84-66-2	STBL3611	99%	1,005.3	µg/mL	+/- 36.5762	
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,005.5	µg/mL	+/- 36.5844	
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,004.8	µg/mL	+/- 36.5589	

54	Diphenylamine	122-39-4	MKCT1512	99%	1,005.2	µg/mL	+/- 36.5725
55	Azobenzene	103-33-3	BCCL3292	99%	1,004.7	µg/mL	+/- 36.5566
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,005.6	µg/mL	+/- 36.5875
57	Hexachlorobenzene	118-74-1	15828800	99%	1,005.3	µg/mL	+/- 36.5789
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.4	µg/mL	+/- 36.5825
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.8	µg/mL	+/- 36.5584
60	Anthracene	120-12-7	MKCW9141	99%	1,005.5	µg/mL	+/- 36.5834
61	Carbazole	86-74-8	15630800	99%	1,005.3	µg/mL	+/- 36.5789
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,005.5	µg/mL	+/- 36.5848
63	Fluoranthene	206-44-0	A0458721	99%	1,005.4	µg/mL	+/- <0.0001
64	Pyrene	129-00-0	BCCL8032	99%	1,005.2	µg/mL	+/- 36.5734
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.8	µg/mL	+/- 36.5584
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCR8567	99%	1,004.5	µg/mL	+/- 36.5480
67	Benz(a)anthracene	56-55-3	I60012022BAA	99%	1,005.5	µg/mL	+/- 36.5844
68	Chrysene	218-01-9	RP241212RSR	99%	1,005.5	µg/mL	+/- 36.5848
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.7	µg/mL	+/- 36.5548
70	Di-n-octyl phthalate	117-84-0	15817300	99%	1,004.8	µg/mL	+/- 36.5607
71	Benzo(b)fluoranthene	205-99-2	022013B	99%	1,005.1	µg/mL	+/- 36.5716
72	Benzo(k)fluoranthene	207-08-9	012022K	98%	1,004.6	µg/mL	+/- 36.5511
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,004.2	µg/mL	+/- 36.5377
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,004.1	µg/mL	+/- 36.5337
75	Dibenz(a,h)anthracene	53-70-3	712061504-1-1	99%	1,005.7	µg/mL	+/- 36.5930
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,005.4	µg/mL	+/- 36.5814

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

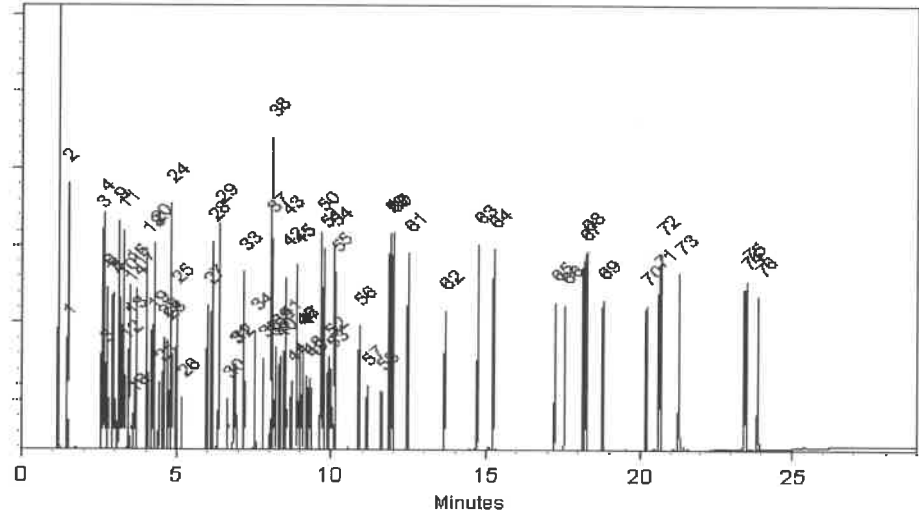
FID

Split Vent:

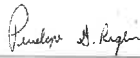
100 ml/min.

Inj. Vol

1µl

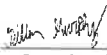


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Penelope Riglin - Operations Tech I

Date Mixed: 12-Jan-2025

Balance Serial # 1128360905


Dillan Murphy - Operations Technician I

Date Passed: 21-Jan-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0218894
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : November 30, 2029 **Storage:** 0°C or colder
Ship: Ambient

513118 } RC/
↓
513147 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,002.4 µg/mL	+/- 24.9202

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

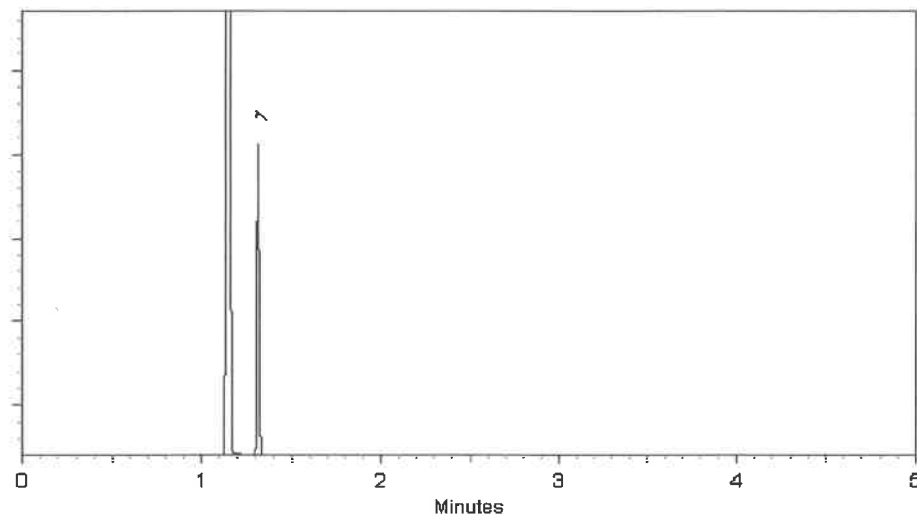
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 07-Nov-2024

Balance Serial # 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0218894
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : November 30, 2029 **Storage:** 0°C or colder
Ship: Ambient

513118 } RC/
↓
513147 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,002.4 µg/mL	+/- 24.9202

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

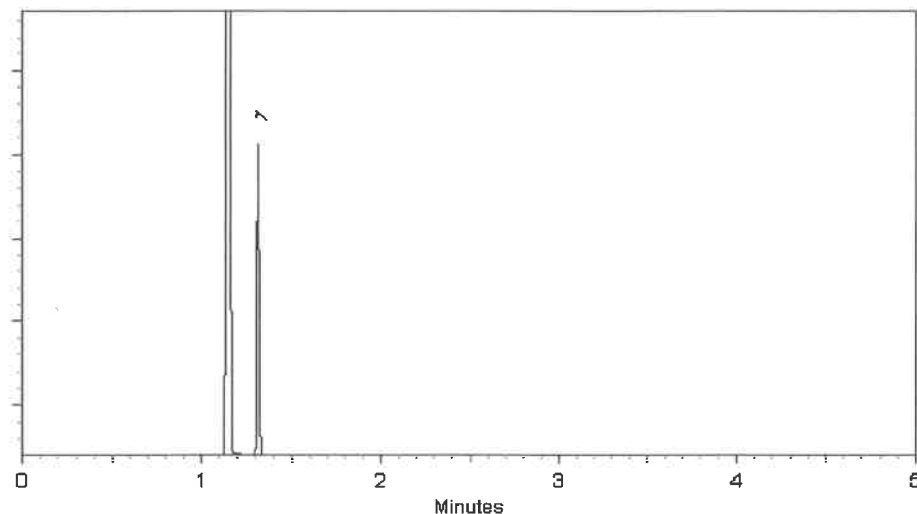
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 07-Nov-2024

Balance Serial # 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0218894
Description : 1,4-dioxane
1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : November 30, 2029 **Storage:** 0°C or colder
Ship: Ambient

513118 } RC/
↓
513147 } 5/20/25.

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,002.4 µg/mL	+/- 24.9202

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

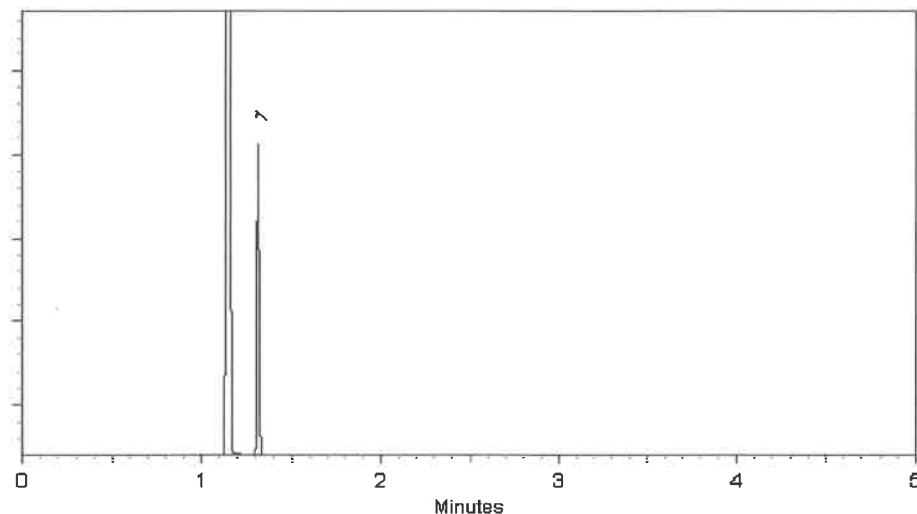
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 07-Nov-2024

Balance Serial # 1128360905

Dillan Murphy - Operations Technician I

Date Passed: 11-Nov-2024

Manufactured under Restek's ISO 9001:2015
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gravimetric



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555871 **Lot No.:** A0226283

Description : Custom 4-Nitrophenol Standard
Custom 4-Nitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder
Ship: Ambient

513158 } RC/
↓
513167 } 6/4/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	4-Nitrophenol	100-02-7	20241120-1-AN	99%	25,192.0 µg/mL	+/- 783.0517

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Morgan Craighead - Mix Technician

Date Mixed: 02-Jun-2025

Balance: C322230531

REVIEWED
By: [Signature] Murphy at 11:21 am, Jan 05, 2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13168
↓
S13197 } AC
6/9/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13168
↓
S13197 } AC
6/9/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
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3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
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5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13168
↓
S13197 } AC
6/9/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0224359

Description : SV Internal Standard Mix 2mg/ml
SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2031 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S13168
↓
S13197 } AC
6/9/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.0 µg/mL	+/- 90.0812
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.8 µg/mL	+/- 90.1187
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.8 µg/mL	+/- 90.1187
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.0 µg/mL	+/- 90.0812
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.8 µg/mL	+/- 90.1187
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.0 µg/mL	+/- 90.0812

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555868 **Lot No.:** A0226493

Description : Custom Benzidine Standard
Custom Benzidine Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : June 30, 2028 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

S13198
↓
S13207 } AC
6/11/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzidine	92-87-5	S250227ECS	99%	25,004.0 µg/mL	+/- 495.8040

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Laith Clemente - Operations Technician I

Date Mixed: 09-Jun-2025

Balance: 1122030677

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Catalog No. : 31879 **Lot No.:** A0221395

Description : Benzoic Acid Mix
Benzoic Acid 2000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

S13214 } AC
↓
S13218 } 7/10/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzoic acid	65-85-0	MKCR2694	99%	2,002.2 µg/mL	+/- 60.5426

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31879 **Lot No.:** A0221395

Description : Benzoic Acid Mix
Benzoic Acid 2000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

S13214 } AC
↓
S13218 } 7/10/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Benzoic acid	65-85-0	MKCR2694	99%	2,002.2 µg/mL	+/- 60.5426

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%



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Catalog No. : 582978

Lot No.: A0228192

Description : Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride,
1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : July 31, 2028

Storage: 0°C or colder

Ship: Ambient

513229 } RC/
↓
513238 } 8/1/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	2,000.0 µg/mL	+/- 35.7537
2	Aniline	62-53-3	X22F726	99%	2,002.5 µg/mL	+/- 35.7984
3	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,005.0 µg/mL	+/- 35.8431
4	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,005.0 µg/mL	+/- 35.8431
5	Benzyl alcohol	100-51-6	094986W07G	99%	2,015.0 µg/mL	+/- 36.0218
6	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	2,015.0 µg/mL	+/- 36.0218
7	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	2,020.0 µg/mL	+/- 36.1112
8	Azobenzene	103-33-3	BCCL3292	99%	2,005.0 µg/mL	+/- 35.8431

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

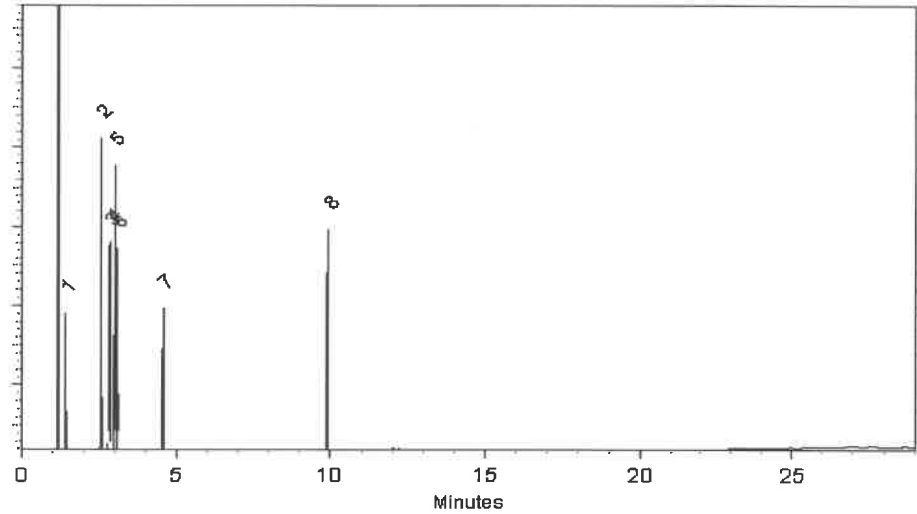
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Wilner Torres
Wilner Torres - Operation Tech I

Date Mixed: 27-Jul-2025

Balance Serial # B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Jul-2025

REVIEWED
By: [Signature] Murphy at 10:28 pm, Jul 30, 2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 582978

Lot No.: A0228192

Description : Custom Calibration Standard - C8

Custom Calibration Standard - C8 2,000µg/mL, Methylene chloride,
1mL/ampul

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : July 31, 2028

Storage: 0°C or colder

Ship: Ambient

513229 } RC/
↓
513238 } 8/1/25

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	N-Nitrosodimethylamine	62-75-9	S241226RSR	99%	2,000.0 µg/mL	+/- 35.7537
2	Aniline	62-53-3	X22F726	99%	2,002.5 µg/mL	+/- 35.7984
3	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	2,005.0 µg/mL	+/- 35.8431
4	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	2,005.0 µg/mL	+/- 35.8431
5	Benzyl alcohol	100-51-6	094986W07G	99%	2,015.0 µg/mL	+/- 36.0218
6	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	2,015.0 µg/mL	+/- 36.0218
7	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	2,020.0 µg/mL	+/- 36.1112
8	Azobenzene	103-33-3	BCCL3292	99%	2,005.0 µg/mL	+/- 35.8431

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride

CAS # 75-09-2

Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

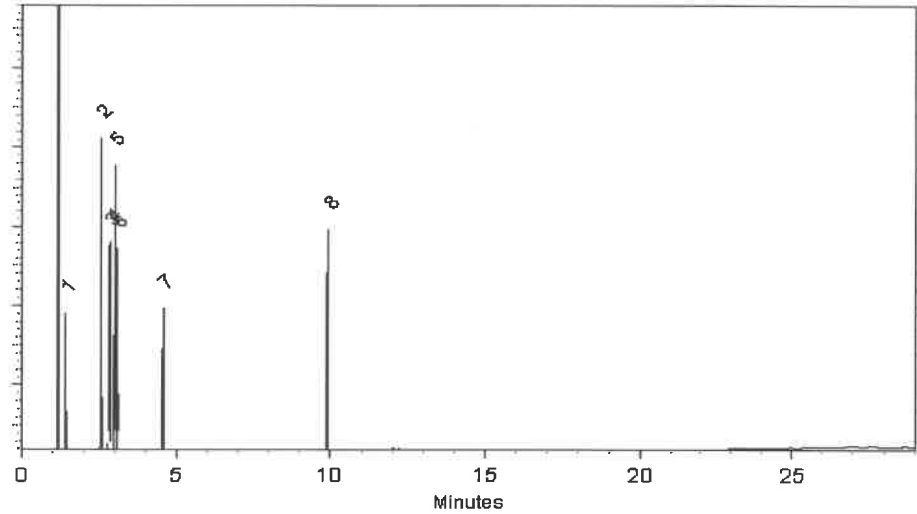
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Wilner Torres
Wilner Torres - Operation Tech I

Date Mixed: 27-Jul-2025

Balance Serial # B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Jul-2025

REVIEWED
By: [Signature] Murphy at 10:51 pm, Jul 30, 2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555223 **Lot No.:** A0228451

Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

S13239 } RC/
↓ 08/06/25
S13268 }

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%


Tom Suckar - Mix Technician

Date Mixed: 01-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
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Catalog No. : 555223 **Lot No.:** A0228451

Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

S13239 } RC/
↓ 08/06/25
S13268 }

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%


Tom Sucka - Mix Technician

Date Mixed: 01-Aug-2025

Balance: 1128360905

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Catalog No. : 555223 **Lot No.:** A0228451

Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

S13239 } RC/
↓ 08/06/25
S13268 }

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tom Sucka - Mix Technician

Date Mixed: 01-Aug-2025

Balance: 1128360905

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Catalog No. : 555223 **Lot No.:** A0228451

Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

S13239 } RC/
↓
S13268 } 08/06/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%


Tom Suckar - Mix Technician

Date Mixed: 01-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
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Catalog No. : 555223 **Lot No.:** A0228451

Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

513239 } RC/
↓ 08/06/25
513268 }

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%


Tom Sucka - Mix Technician

Date Mixed: 01-Aug-2025

Balance: 1128360905



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Catalog No. : 555223 **Lot No.:** A0228451

Description : Custom 8270 Plus Standard #1
Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2027 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

S13239 } RC/
↓
S13268 } 08/06/25

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S250226RSR	99%	1,006.0 µg/mL	+/- 23.0947
2	Atrazine	1912-24-9	5FYWL	99%	1,007.0 µg/mL	+/- 23.1176
3	Benzidine	92-87-5	S250227ECS	99%	1,003.0 µg/mL	+/- 23.0258
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,003.0 µg/mL	+/- 23.0258

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%


Tom Suckar - Mix Technician

Date Mixed: 01-Aug-2025

Balance: 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0229652

Description : 8270 MegaMix®
8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 0°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

513299 } RC/
↓ 10/17/25
513328 }

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBR4811	99%	1,004.9 µg/mL	+/- 36.5621
2	N-Nitrosodimethylamine	62-75-9	S250717RSR	99%	1,004.5 µg/mL	+/- 36.5484
3	Phenol	108-95-2	MKCT5446	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,004.8 µg/mL	+/- 36.5575
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.6 µg/mL	+/- 36.5166
6	2-Chlorophenol	95-57-8	STBK4742	99%	1,004.5 µg/mL	+/- 36.5484
7	1,3-Dichlorobenzene	541-73-1	STBL1702	99%	1,003.8 µg/mL	+/- 36.5211
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.8 µg/mL	+/- 36.5211
9	Benzyl alcohol	100-51-6	094986W07G	99%	1,003.8 µg/mL	+/- 36.5211
10	1,2-Dichlorobenzene	95-50-1	SHBR4446	99%	1,004.9 µg/mL	+/- 36.5621
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,004.3 µg/mL	+/- 36.5393
12	2,2'-oxybis(1-chloropropane)	108-60-1	RP250904RSR	99%	1,005.0 µg/mL	+/- 36.5666
13	3-Methylphenol (m-cresol)	108-39-4	STBL3873	99%	502.4 µg/mL	+/- 18.2788
14	4-Methylphenol (p-cresol)	106-44-5	SHBQ7653	99%	502.3 µg/mL	+/- 18.2742
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,004.9 µg/mL	+/- 36.5621
16	Hexachloroethane	67-72-1	DAXRI	99%	1,003.9 µg/mL	+/- 36.5257
17	Nitrobenzene	98-95-3	10224044	99%	1,003.9 µg/mL	+/- 36.5257

18	Isophorone	78-59-1	MKCR3249	99%	1,004.8	µg/mL	+/- 36.5575
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.6	µg/mL	+/- 36.5166
20	2,4-Dimethylphenol	105-67-9	DIRAF	99%	1,004.1	µg/mL	+/- 36.5348
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,004.5	µg/mL	+/- 36.5484
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,004.8	µg/mL	+/- 36.5575
23	1,2,4-Trichlorobenzene	120-82-1	SHBR1701	99%	1,004.0	µg/mL	+/- 36.5302
24	Naphthalene	91-20-3	STBL1057	99%	1,004.0	µg/mL	+/- 36.5302
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.5	µg/mL	+/- 36.5484
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.7	µg/mL	+/- 36.4816
27	4-Chloro-3-methylphenol	59-50-7	BCCK5906	99%	1,004.3	µg/mL	+/- 36.5393
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.5	µg/mL	+/- 36.4029
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/- 36.3847
30	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	1,004.0	µg/mL	+/- 36.5302
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,003.5	µg/mL	+/- 36.5120
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,003.6	µg/mL	+/- 36.5152
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,003.6	µg/mL	+/- 36.5166
34	2-Nitroaniline	88-74-4	RP250625RSR	99%	1,003.8	µg/mL	+/- 36.5211
35	1,4-Dinitrobenzene	100-25-4	RP250401RSR	99%	1,004.6	µg/mL	+/- 36.5530
36	Acenaphthylene	208-96-8	214935V18H	95%	1,000.4	µg/mL	+/- 36.3974
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,004.8	µg/mL	+/- 36.5575
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,003.5	µg/mL	+/- 36.5120
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,004.6	µg/mL	+/- 36.5530
40	1,2-Dinitrobenzene	528-29-0	RP250203RSR	99%	1,002.6	µg/mL	+/- 36.4802
41	Acenaphthene	83-32-9	MKCV8166	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,003.8	µg/mL	+/- 36.5211
43	2,4-Dinitrophenol	51-28-5	D240927RSR	99%	1,004.1	µg/mL	+/- 36.5348
44	Dibenzofuran	132-64-9	MKCW3845	99%	1,003.6	µg/mL	+/- 36.5166
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,003.8	µg/mL	+/- 36.5211
46	4-Nitrophenol	100-02-7	20241120-1-AN	99%	1,003.0	µg/mL	+/- 36.4938
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,003.8	µg/mL	+/- 36.5211
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP250724RSR	99%	1,003.1	µg/mL	+/- 36.4984
49	Fluorene	86-73-7	10246250	98%	1,002.9	µg/mL	+/- 36.4905
50	4-Chlorophenyl phenyl ether	7005-72-3	002531K02D	99%	1,004.3	µg/mL	+/- 36.5393
51	Diethylphthalate	84-66-2	223219R19C	99%	1,004.8	µg/mL	+/- 36.5575
52	4-Nitroaniline	100-01-6	RP240830RSR	99%	1,004.0	µg/mL	+/- 36.5302
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S250805RSR	99%	1,004.8	µg/mL	+/- 36.5575

54	Diphenylamine	122-39-4	MKCT1512	99%	1,004.9	µg/mL	+/- 36.5621
55	Azobenzene	103-33-3	BCCL3292	99%	1,003.9	µg/mL	+/- 36.5257
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.9	µg/mL	+/- 36.5257
57	Hexachlorobenzene	118-74-1	16302300	99%	1,004.5	µg/mL	+/- 36.5484
58	Pentachlorophenol	87-86-5	RP240411RSR	99%	1,004.9	µg/mL	+/- 36.5621
59	Phenanthrene	85-01-8	MKCV8193	99%	1,003.8	µg/mL	+/- 36.5211
60	Anthracene	120-12-7	MKCW9141	99%	1,003.3	µg/mL	+/- 36.5029
61	Carbazole	86-74-8	15821400	99%	1,003.1	µg/mL	+/- 36.4984
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,004.6	µg/mL	+/- 36.5530
63	Fluoranthene	206-44-0	A0458721	99%	1,004.8	µg/mL	+/- 36.5575
64	Pyrene	129-00-0	BCCL8032	99%	1,003.8	µg/mL	+/- 36.5211
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,004.9	µg/mL	+/- 36.5621
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,003.4	µg/mL	+/- 36.5075
67	Benz(a)anthracene	56-55-3	I80012022BAA	99%	1,004.3	µg/mL	+/- 36.5393
68	Chrysene	218-01-9	RP250815RSR	99%	1,003.9	µg/mL	+/- 36.5257
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,004.5	µg/mL	+/- 36.5484
70	Di-n-octyl phthalate	117-84-0	16197600	99%	1,004.4	µg/mL	+/- 36.5439
71	Benzo(b)fluoranthene	205-99-2	0225BF	99%	1,005.4	µg/mL	+/- 36.5803
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,004.5	µg/mL	+/- 36.5484
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,002.4	µg/mL	+/- 36.4726
74	Indeno(1,2,3-cd)pyrene	193-39-5	17-YMK-40-2	99%	1,004.0	µg/mL	+/- 36.5302
75	Dibenz(a,h)anthracene	53-70-3	712215450-1-1	99%	1,003.5	µg/mL	+/- 36.5120
76	Benzo(g,h,i)perylene	191-24-2	RP250501RSR	98%	1,003.0	µg/mL	+/- 36.4949

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:

N-Nitrosodiphenylamine (86-30-6) is prone to breakdown in the injection port and will be converted to Diphenylamine (122-39-4). When comparing the response of Diphenylamine to mixtures manufactured using N-Nitrosodiphenylamine, a difference in response will be observed. The ratio of the MW can be used to calculate the theoretical concentration of the N-Nitrosodiphenylamine.

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

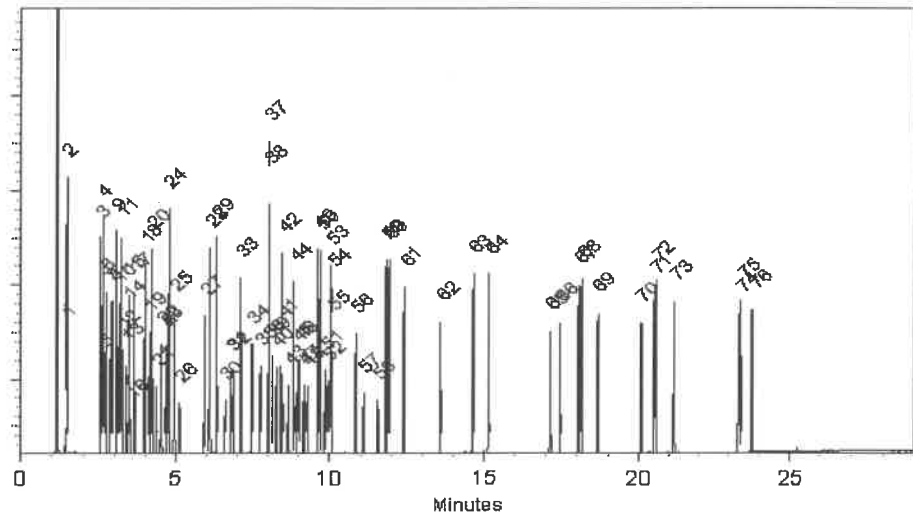
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl

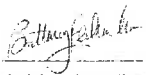


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Dakota Parson - Operations Technician I

Date Mixed: 04-Sep-2025

Balance Serial # B345965662


Brittany Federinko - Operations Tech II

Date Passed: 15-Sep-2025

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0201702
Description : Custom Hexachlorocyclopentadiene Standard
Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol,
1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : September 30, 2026 **Storage:** 10°C or colder
Ship: Ambient

513148
↓
513157 } RC
11/13/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Hexachlorocyclopentadiene	77-47-4	099063P13G	99%	25,244.0 µg/mL	+/- 450.6896

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Brittany Federinko - Operations Tech I

Date Mixed: 05-Sep-2023 **Balance:** B707717271

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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Packing List

6390 Joyce Dr., #100
Golden, CO 80403

Tel: +1-303-940-0033
Fax: +1-303-940-0043
info@phenova.com
www.phenova.com

For terms and conditions of your order, please visit:
www.phenova.com/home/termsandsale

Date	Order #
10/27/2025	333294



Ship To

Alliance Tech Group - Newark
ATTN: Sohil Jodhani
284 Sheffield St., #1
Mountainside, NJ 07092
USA

Received by: SJ
10/29/2025 12:30

Customer PO #	Terms	PT Acct #	Customer #	Ship Via	F.O.B.
PO2-3469	Net 30	ZCM-100	1500470	FedEx 2nd Day	Golden, CO

Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-MET-SOIL	SOIL/HW Trace Metals	HW1025	7102-04B
1	1	0	PT-CR6-SOIL	SOIL/HW Hexavalent Chromium	HW1025	7102-05A2
1	1	0	PT-CN-SOIL	SOIL/HW Cyanide	HW1025	7102-06
1	1	0	PT-CORR-SOIL	SOIL/HW Corrosivity/pH	HW1025	7102-11
1	1	0	PT-FP-SOIL	SOIL/HW Flash Point	HW1025	7102-10
1	1	0	PT-AN-SOIL	SOIL/HW Anions	HW1025	7102-08
1	1	0	PT-NUT-SOIL	SOIL/HW Nutrients	HW1025	7102-09
1	1	0	PT-SOL-SOIL	SOIL/HW Solids	HW1025	7102-31
1	1	0	PT-NO2-SOIL	SOIL/HW Nitrite as N	HW1025	7102-71
1	1	0	PT-GAS-SOIL	SOIL/HW Gasoline	HW1025	7102-96
1	1	0	PT-DIES-SOIL	SOIL/HW Diesel in Soil	HW1025	7102-100
1	1	0	PT-OGR-SOIL	SOIL/HW Oil and Grease	HW1025	7102-94B
1	1	0	PT-VOA-SOIL	SOIL/HW Volatiles	HW1025	7102-12
1	1	0	PT-BNA-SOIL	SOIL/HW BNAs	HW1025	7102-13
1	1	0	PT-PEST-SOIL	SOIL/HW Pesticides	HW1025	7102-14
1	1	0	PT-CHLR-SOIL	SOIL/HW Chlordane	HW1025	7102-15
1	1	0	PT-TXP-SOIL	SOIL/HW Toxaphene	HW1025	7102-16
1	1	0	PT-PCB-SOIL	SOIL/HW PCBs	HW1025	7102-17
1	1	0	PT-PCBO-SOIL	SOIL/HW PCBs in Oil	HW1025	7102-88
1	1	0	PT-HERB-SOIL	SOIL/HW Herbicides	HW1025	7102-18
1	1	0	PT-PAH-SOIL	SOIL/HW PAHs	HW1025	7102-22
1	1	0	PT-TRIAZINE-SOIL	SOIL/HW Triazine Pesticides	HW1025	7102-106

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Qty Ordered	Qty Shipped	Qty Backorder	Part Number	Part Description	Study Number	Lot Number
1	1	0	PT-NJEPH-SOIL	NJ EPH in SOIL	HW1025	7102-105

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