

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

LAB CHRONICLE

OrderID: Q3614
Client: Kleinfelder
Contact: Mark Warchol

OrderDate: 11/12/2025 11:51:00 AM
Project: Logan School
Location: J21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3614-01	COMP-1	SOIL	SVOCMS Group1	8270E	11/11/25	11/13/25	11/13/25	11/12/25
Q3614-02	COMP-2	SOIL	SVOCMS Group1	8270E	11/11/25	11/13/25	11/13/25	11/12/25
Q3614-03	COMP-3	SOIL	SVOCMS Group1	8270E	11/11/25	11/13/25	11/13/25	11/12/25

Hit Summary Sheet SW-846

SDG No.: Q3614
Client: Kleinfelder

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-2								
Q3614-02	COMP-2	SOIL	Fluorene	95.800	J	30.9	210	ug/Kg
Q3614-02	COMP-2	SOIL	Phenanthrene	650.000		25.6	210	ug/Kg
Q3614-02	COMP-2	SOIL	Anthracene	170.000	J	40.7	210	ug/Kg
Q3614-02	COMP-2	SOIL	Pyrene	480.000		44	210	ug/Kg
Q3614-02	COMP-2	SOIL	Benzo(a)anthracene	230.000		28.1	210	ug/Kg
Q3614-02	COMP-2	SOIL	Chrysene	200.000	J	24.3	210	ug/Kg
Q3614-02	COMP-2	SOIL	Benzo(b)fluoranthene	220.000		23.2	210	ug/Kg
Q3614-02	COMP-2	SOIL	Benzo(a)pyrene	190.000	J	36.1	210	ug/Kg
Q3614-02	COMP-2	SOIL	Indeno(1,2,3-cd)pyrene	95.600	J	35.6	210	ug/Kg
Q3614-02	COMP-2	SOIL	Benzo(g,h,i)perylene	110.000	J	31.4	210	ug/Kg
Total Svoc :				2,441.40				
Total Concentration:				2,441.40				
Client ID : COMP-3								
Q3614-03	COMP-3	SOIL	Fluorene	81.300	J	30.2	200	ug/Kg
Q3614-03	COMP-3	SOIL	Phenanthrene	580.000		25	200	ug/Kg
Q3614-03	COMP-3	SOIL	Anthracene	150.000	J	39.8	200	ug/Kg
Q3614-03	COMP-3	SOIL	Pyrene	380.000		43	200	ug/Kg
Q3614-03	COMP-3	SOIL	Benzo(a)anthracene	180.000	J	27.5	200	ug/Kg
Q3614-03	COMP-3	SOIL	Chrysene	150.000	J	23.8	200	ug/Kg
Q3614-03	COMP-3	SOIL	Benzo(b)fluoranthene	170.000	J	22.7	200	ug/Kg
Q3614-03	COMP-3	SOIL	Benzo(a)pyrene	120.000	J	35.3	200	ug/Kg
Total Svoc :				1,811.30				
Total Concentration:				1,811.30				



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3614

Client: Kleinfelder

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170528BL	PB170528BL	Nitrobenzene-d5	100	85.8	86		10	108
		2-Fluorobiphenyl	100	88.7	89		10	108
		Terphenyl-d14	100	90.7	91		10	109
PB170528BS	PB170528BS	Nitrobenzene-d5	100	78.6	79		10	108
		2-Fluorobiphenyl	100	78.1	78		10	108
		Terphenyl-d14	100	77.9	78		10	109
Q3609-13MS	AU-713-COMP-05MS	Nitrobenzene-d5	100	68.8	69		10	108
		2-Fluorobiphenyl	100	67.9	68		10	108
		Terphenyl-d14	100	71.5	72		10	109
Q3609-13MSD	AU-713-COMP-05MSD	Nitrobenzene-d5	100	67.3	67		10	108
		2-Fluorobiphenyl	100	66.3	66		10	108
		Terphenyl-d14	100	75.3	75		10	109
Q3614-01	COMP-1	Nitrobenzene-d5	100	51.9	52		10	108
		2-Fluorobiphenyl	100	52.7	53		10	108
		Terphenyl-d14	100	54.7	55		10	109
Q3614-02	COMP-2	Nitrobenzene-d5	100	46.7	47		10	108
		2-Fluorobiphenyl	100	46.5	47		10	108
		Terphenyl-d14	100	48.0	48		10	109
Q3614-03	COMP-3	Nitrobenzene-d5	100	55.1	55		10	108
		2-Fluorobiphenyl	100	53.8	54		10	108
		Terphenyl-d14	100	61.1	61		10	109

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3614

Analytical Method: SW8270E

Client: Kleinfelder

DataFile: BG064761.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3609-13MS		Client Sample ID: AU-713-COMP-05MS									
Naphthalene	1200	0	1100	ug/Kg	92				66	113	
Fluorene	1200	0	1100	ug/Kg	92				67	114	
Phenanthrene	1200	0	1100	ug/Kg	92				52	128	
Anthracene	1200	0	1100	ug/Kg	92				62	124	
Pyrene	1200	0	1200	ug/Kg	100				37	122	
Benzo(a)anthracene	1200	0	1100	ug/Kg	92				53	119	
Chrysene	1200	0	1100	ug/Kg	92				57	121	
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92				52	117	
Benzo(a)pyrene	1200	0	1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100				48	129	
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100				40	133	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3614

Analytical Method: SW8270E

Client: Kleinfelder

DataFile: BG064762.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3609-13MSD		Client Sample ID: AU-713-COMP-05MSD									
Naphthalene	1200	0	1100	ug/Kg	92	0			66	113	20
Fluorene	1200	0	1100	ug/Kg	92	0			67	114	20
Phenanthrene	1200	0	1100	ug/Kg	92	0			52	128	20
Anthracene	1200	0	1100	ug/Kg	92	0			62	124	20
Pyrene	1200	0	1200	ug/Kg	100	0			37	122	27
Benzo(a)anthracene	1200	0	1100	ug/Kg	92	0			53	119	20
Chrysene	1200	0	1100	ug/Kg	92	0			57	121	20
Benzo(b)fluoranthene	1200	0	1100	ug/Kg	92	0			52	117	20
Benzo(a)pyrene	1200	0	1100	ug/Kg	92	0			70	142	20
Indeno(1,2,3-cd)pyrene	1200	0	1200	ug/Kg	100	0			48	129	20
Benzo(g,h,i)perylene	1200	0	1200	ug/Kg	100	0			40	133	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3614

Analytical Method: 8270E

Client: Kleinfelder

DataFile: BG064758.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170528BS	Naphthalene	1700	1400	ug/Kg	82				62	100	
	Fluorene	1700	1400	ug/Kg	82				75	99	
	Phenanthrene	1700	1400	ug/Kg	82				75	100	
	Anthracene	1700	1400	ug/Kg	82				75	103	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				75	104	
	Chrysene	1700	1400	ug/Kg	82				75	103	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				79	109	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170528BL

Lab Name: Alliance

Contract: POWE02

Lab Code: ACE

SDG NO.: Q3614

Lab File ID: BG064757.D

Lab Sample ID: PB170528BL

Instrument ID: BNA_G

Date Extracted: 11/13/2025

Matrix: (soil/water) SOIL

Date Analyzed: 11/13/2025

Level: (low/med) LOW

Time Analyzed: 15:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170528BS	PB170528BS	BG064758.D	11/13/2025
AU-713-COMP-05MS	Q3609-13MS	BG064761.D	11/13/2025
AU-713-COMP-05MSD	Q3609-13MSD	BG064762.D	11/13/2025
COMP-2	Q3614-02	BG064765.D	11/13/2025
COMP-1	Q3614-01	BG064768.D	11/13/2025
COMP-3	Q3614-03	BG064766.D	11/13/2025

COMMENTS: _____



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: POWE02
SDG NO.: Q3614
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	25.2
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	6.7
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	16
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: AllianceContract: POWE02Lab Code: ACESDG NO.: Q3614Lab File ID: BG064755.DDFTPP Injection Date: 11/13/2025Instrument ID: BNA_GDFTPP Injection Time: 13:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	23
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	16.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BG064756.D	11/13/2025	14:35
PB170528BL	PB170528BL	BG064757.D	11/13/2025	15:16
PB170528BS	PB170528BS	BG064758.D	11/13/2025	15:57
AU-713-COMP-05MS	Q3609-13MS	BG064761.D	11/13/2025	18:03
AU-713-COMP-05MSD	Q3609-13MSD	BG064762.D	11/13/2025	18:43
COMP-2	Q3614-02	BG064765.D	11/13/2025	20:46
COMP-3	Q3614-03	BG064766.D	11/13/2025	21:27
COMP-1	Q3614-01	BG064768.D	11/13/2025	22:48

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3614

Client ID : SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BG064756.D

Time Analyzed: 14:35

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	35112	8.164	138078	10.98	109512	14.77
UPPER LIMIT	70224	8.664	276156	11.484	219024	15.274
LOWER LIMIT	17556	7.664	69039	10.484	54756	14.274
EPA SAMPLE NO.						
01 COMP-1	36331	8.17	134433	10.98	103762	14.78
02 COMP-2	33950	8.17	129288	10.98	100182	14.78
03 COMP-3	37846	8.16	144314	10.98	117322	14.77
04 PB170528BL	29011	8.17	107778	10.98	85059	14.78
05 PB170528BS	35345	8.17	134884	10.98	109093	14.77
06 AU-713-COMP-05MS	32346	8.17	121484	10.98	96899	14.78
07 AU-713-COMP-05MSD	37173	8.16	139653	10.98	113644	14.78

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.: Q3614

Client ID: SSTDCCC040

Date Analyzed: 11/13/2025

Lab File ID: BG064756.D

Time Analyzed: 14:35

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	269959	17.506	348735	21.76	372397	25.015
	UPPER LIMIT	539918	18.006	697470	22.26	744794	25.515
	LOWER LIMIT	134980	17.006	174368	21.26	186199	24.515
	EPA SAMPLE NO.						
01	COMP-1	245156	17.50	300613	21.75	308402	25.01
02	COMP-2	242440	17.50	310729	21.75	334431	25.01
03	COMP-3	277033	17.50	316134	21.75	333844	25.01
04	PB170528BL	213577	17.50	341171	21.75	353663	25.01
05	PB170528BS	277518	17.51	388627	21.76	384250	25.02
06	AU-713-COMP-05MS	237837	17.50	308191	21.76	326854	25.01
07	AU-713-COMP-05MSD	275145	17.50	306388	21.76	312946	25.01

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client: Kleinfelder	Date Collected: 11/11/25	
Project: Logan School	Date Received: 11/12/25	
Client Sample ID: COMP-1	SDG No.: Q3614	
Lab Sample ID: Q3614-01	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 82.3	
Sample Wt/Vol: 30.06 g	Test: SVOCMS Group1	
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	27.5	U	1	27.5	210	ug/Kg	11/13/25 22:48	PB170528
86-73-7	Fluorene	30.7	U	1	30.7	210	ug/Kg	11/13/25 22:48	PB170528
85-01-8	Phenanthrene	25.3	U	1	25.3	210	ug/Kg	11/13/25 22:48	PB170528
120-12-7	Anthracene	40.4	U	1	40.4	210	ug/Kg	11/13/25 22:48	PB170528
129-00-0	Pyrene	43.7	U	1	43.7	210	ug/Kg	11/13/25 22:48	PB170528
56-55-3	Benzo(a)anthracene	27.9	U	1	27.9	210	ug/Kg	11/13/25 22:48	PB170528
218-01-9	Chrysene	24.1	U	1	24.1	210	ug/Kg	11/13/25 22:48	PB170528
205-99-2	Benzo(b)fluoranthene	23.0	U	1	23.0	210	ug/Kg	11/13/25 22:48	PB170528
50-32-8	Benzo(a)pyrene	35.8	U	1	35.8	210	ug/Kg	11/13/25 22:48	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	35.3	U	1	35.3	210	ug/Kg	11/13/25 22:48	PB170528
191-24-2	Benzo(g,h,i)perylene	31.2	U	1	31.2	210	ug/Kg	11/13/25 22:48	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	51.9			10 - 108	52%	SPK: 100		
321-60-8	2-Fluorobiphenyl	52.7			10 - 108	53%	SPK: 100		
1718-51-0	Terphenyl-d14	54.7			10 - 109	55%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	36300							
1146-65-2	Naphthalene-d8	134000							
15067-26-2	Acenaphthene-d10	104000							
1517-22-2	Phenanthrene-d10	245000							
1719-03-5	Chrysene-d12	301000							
1520-96-3	Perylene-d12	308000							

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\BG111325\
 Data File : BG064768.D
 Acq On : 13 Nov 2025 22:48
 Operator : RC/JU
 Sample : Q3614-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Nov 14 05:05:14 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	36331	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	134433	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	103762	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	245156	20.000	ng	0.00
76) Chrysene-d12	21.749	240	300613	20.000	ng	0.00
86) Perylene-d12	25.010	264	308402	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	167125	80.327	ng	0.00
7) Phenol-d6	7.302	99	222451	80.388	ng	0.00
23) Nitrobenzene-d5	9.323	82	141060	51.880	ng	0.00
42) 2,4,6-Tribromophenol	16.244	330	156433	77.301	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	392191	52.740	ng	0.00
79) Terphenyl-d14	20.087	244	835514	54.673	ng	0.00

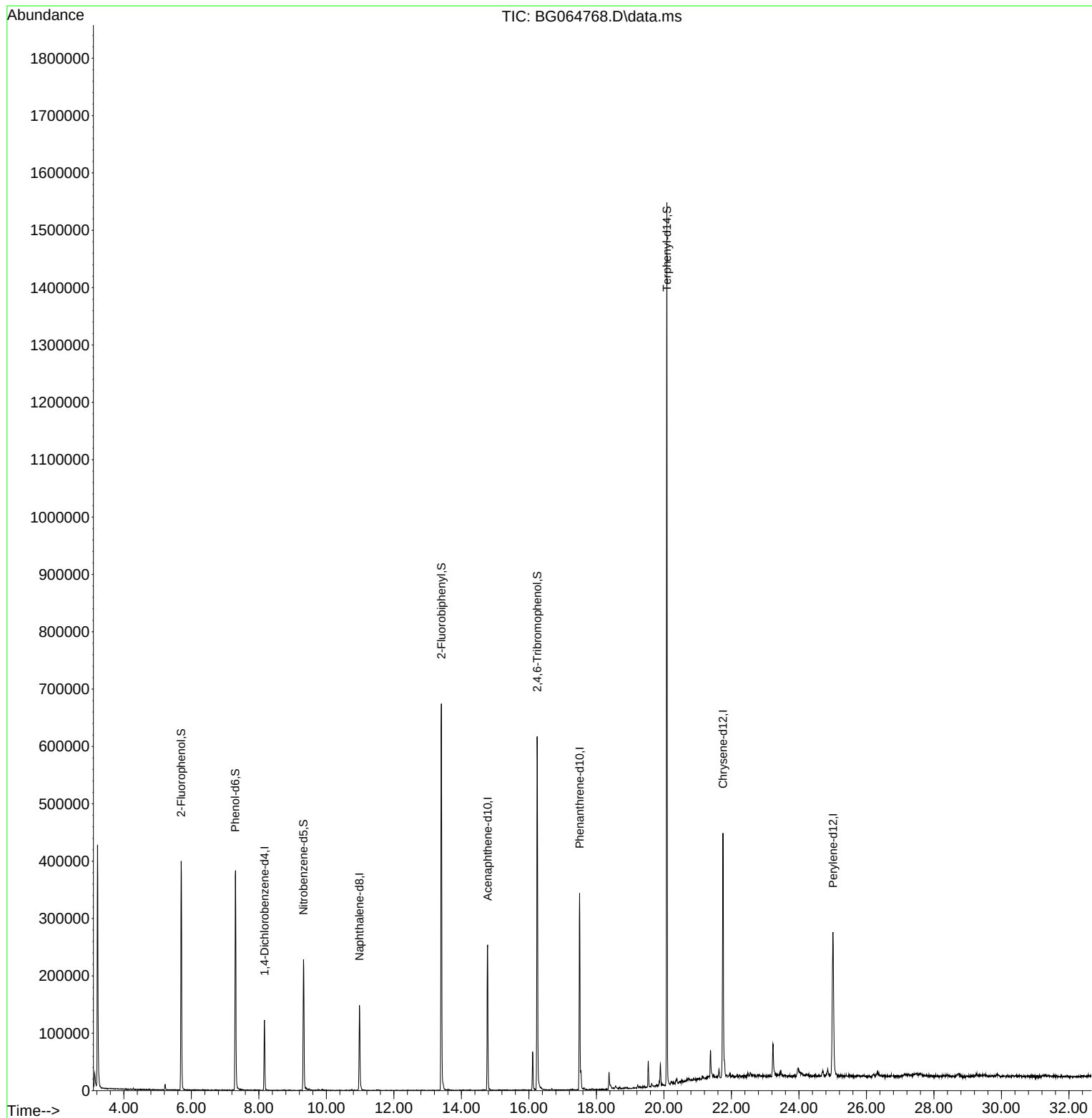
Target Compounds	Qvalue

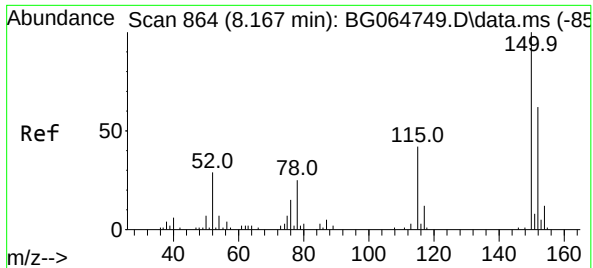
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064768.D
Acq On : 13 Nov 2025 22:48
Operator : RC/JU
Sample : Q3614-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

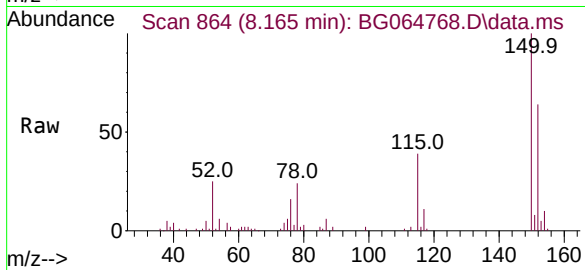
Quant Time: Nov 14 05:05:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



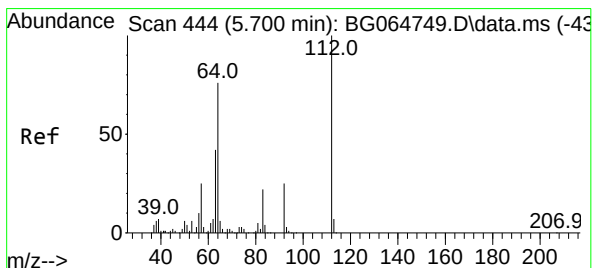
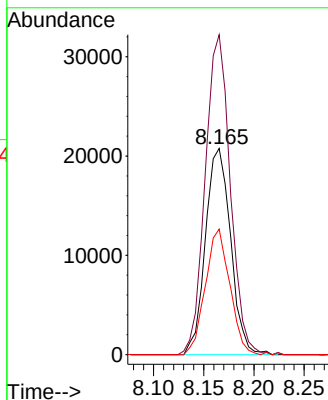
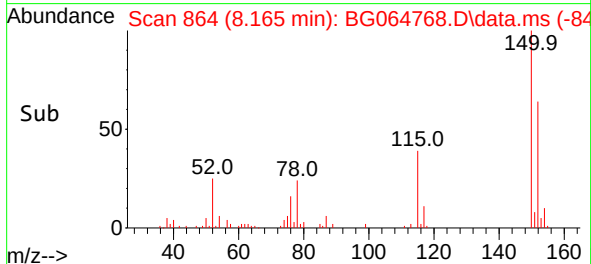


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 864
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Instrument :
BNA_G
ClientSampleId :
COMP-1

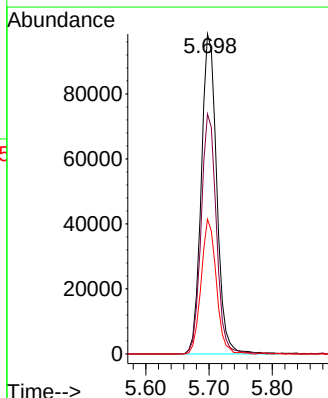
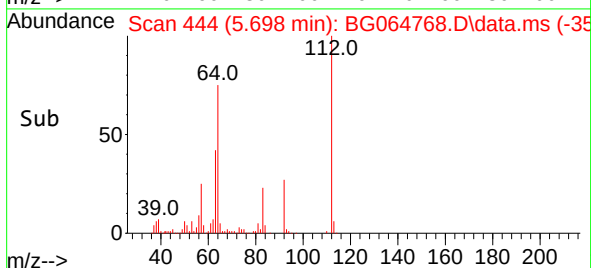
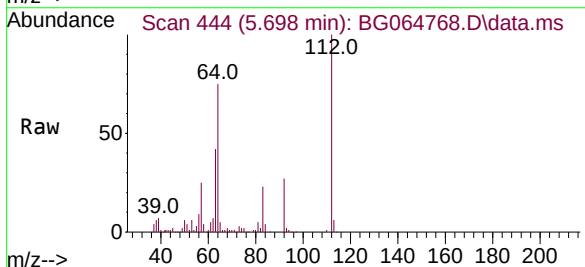


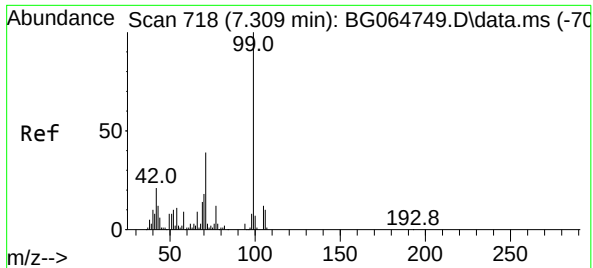
Tgt Ion:152 Resp: 36331
Ion Ratio Lower Upper
152 100
150 155.2 129.2 193.8
115 60.9 53.7 80.5



#5
2-Fluorophenol
Concen: 80.327 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:112 Resp: 167125
Ion Ratio Lower Upper
112 100
64 75.0 61.0 91.4
63 42.1 33.3 49.9

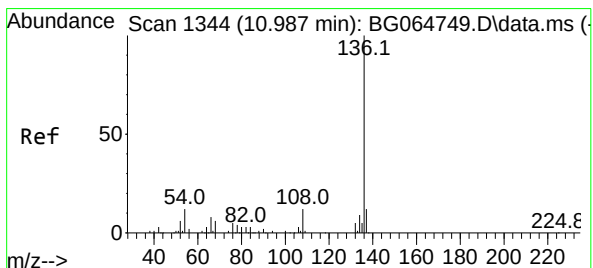
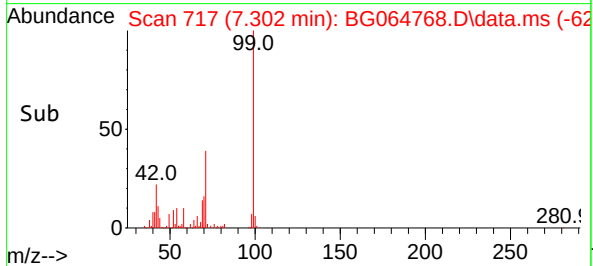
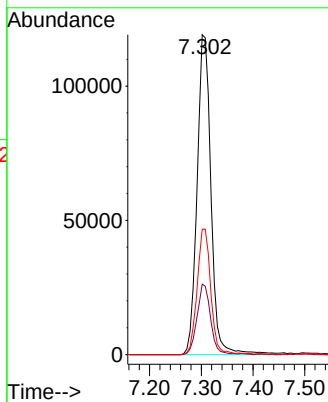
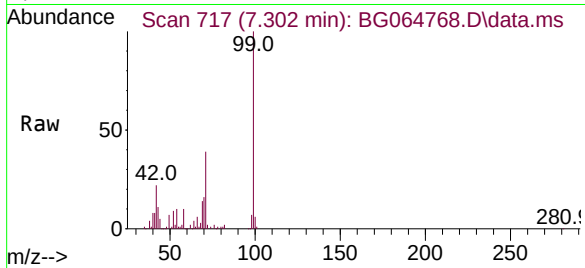




#7
Phenol-d6
Concen: 80.388 ng
RT: 7.302 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

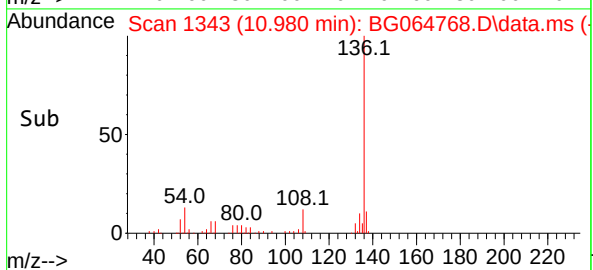
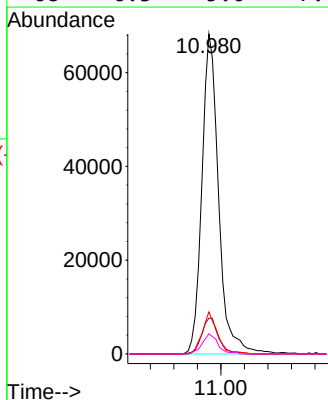
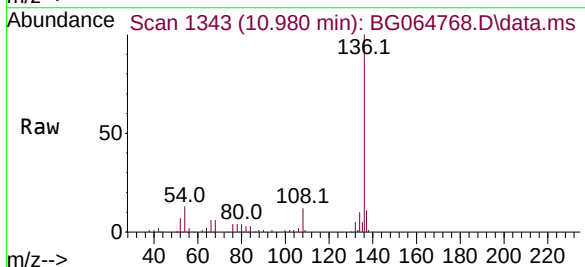
Instrument :
BNA_G
ClientSampleId :
COMP-1

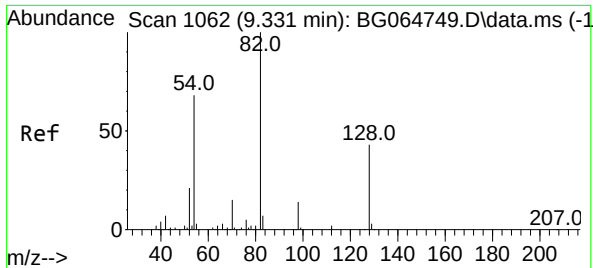
Tgt Ion: 99 Resp: 222451
Ion Ratio Lower Upper
99 100
42 22.0 16.8 25.2
71 39.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion: 136 Resp: 134433
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 13.1 9.3 13.9
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 51.880 ng

RT: 9.323 min Scan# 1061

Delta R.T. -0.008 min

Lab File: BG064768.D

Acq: 13 Nov 2025 22:48

Instrument :

BNA_G

ClientSampleId :

COMP-1

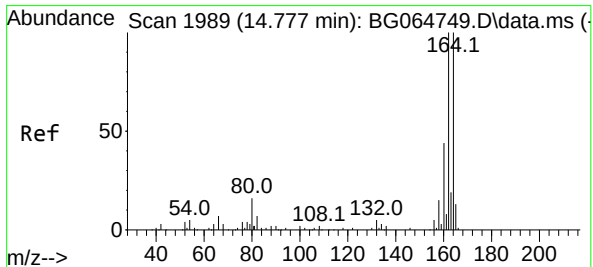
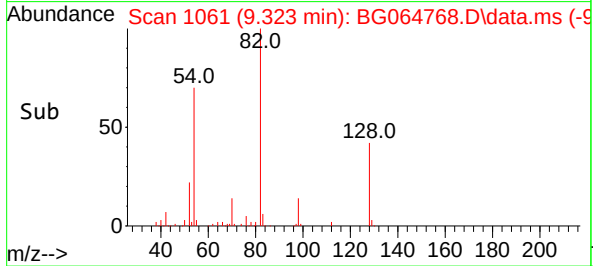
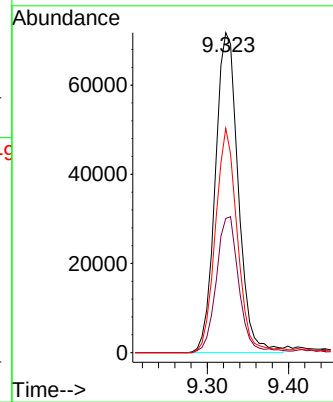
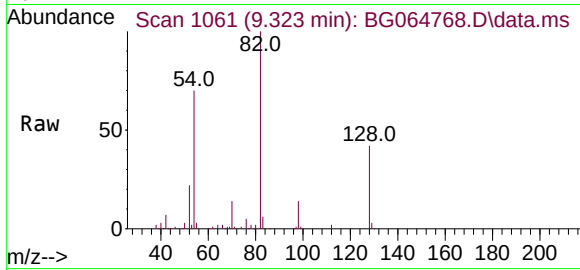
Tgt Ion: 82 Resp: 141060

Ion Ratio Lower Upper

82 100

128 41.9 34.1 51.1

54 70.1 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064768.D

Acq: 13 Nov 2025 22:48

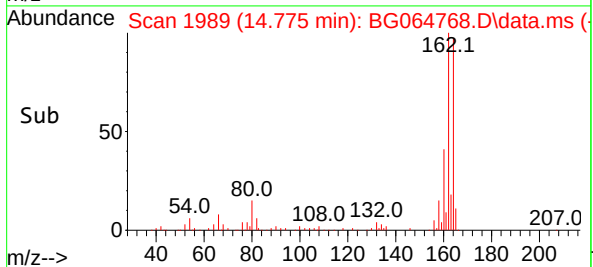
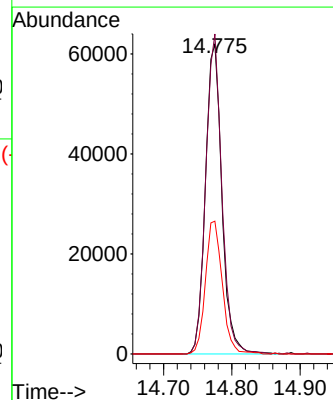
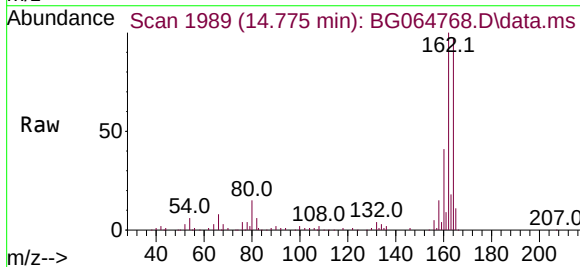
Tgt Ion: 164 Resp: 103762

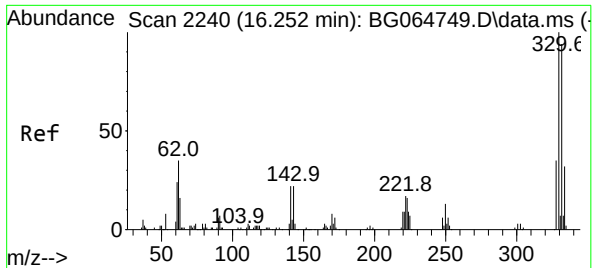
Ion Ratio Lower Upper

164 100

162 103.3 79.8 119.6

160 42.8 34.9 52.3

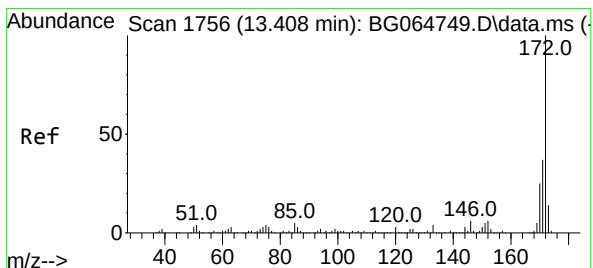
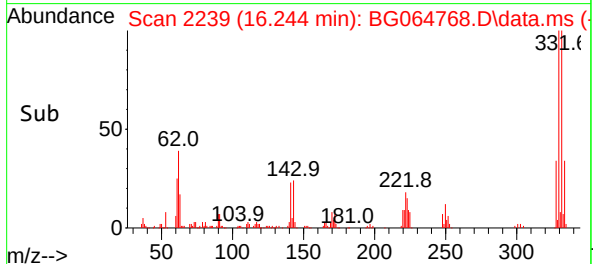
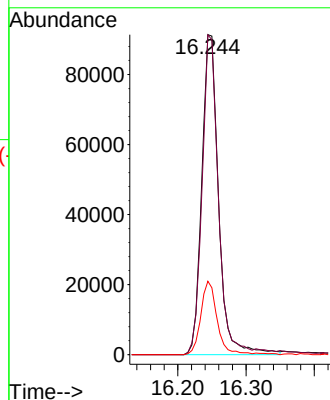
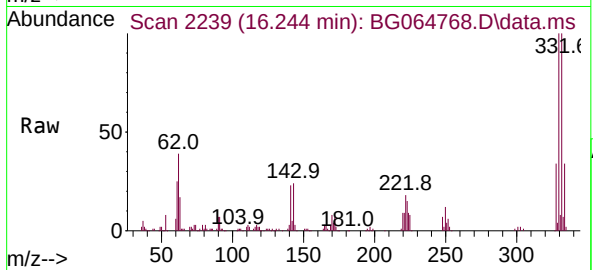




#42
2,4,6-Tribromophenol
Concen: 77.301 ng
RT: 16.244 min Scan# 2240
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

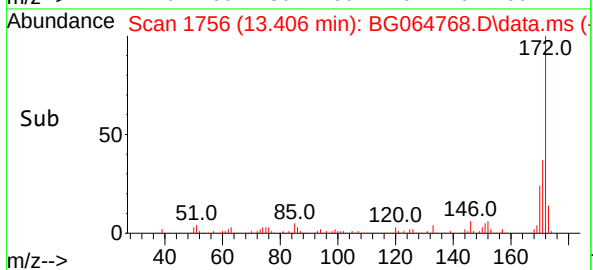
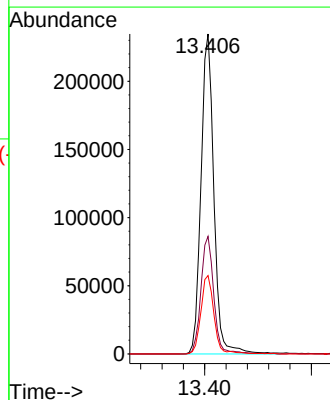
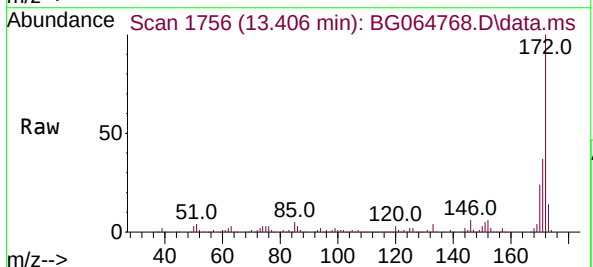
Instrument :
BNA_G
ClientSampleId :
COMP-1

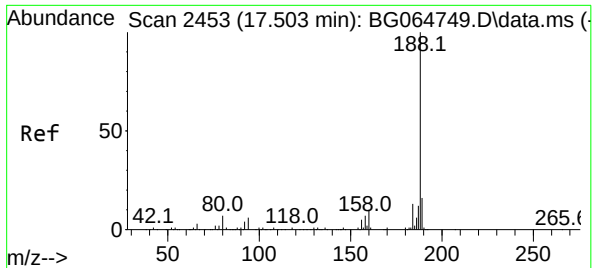
Tgt Ion:330 Resp: 156433
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 22.1 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 52.740 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:172 Resp: 392191
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.5 19.8 29.6

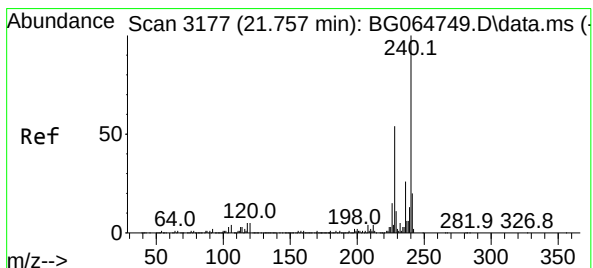
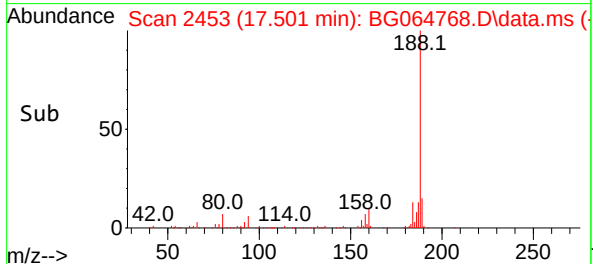
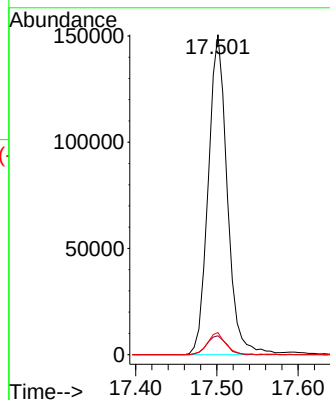
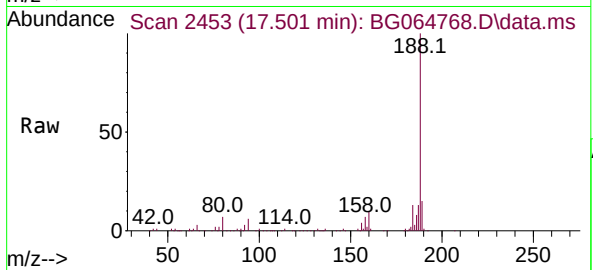




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

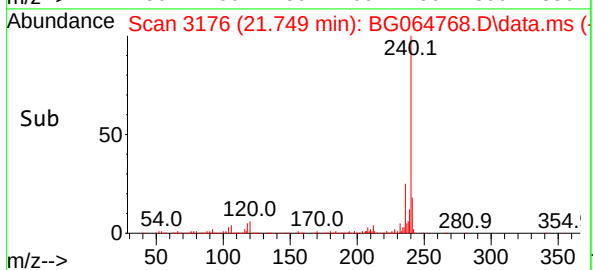
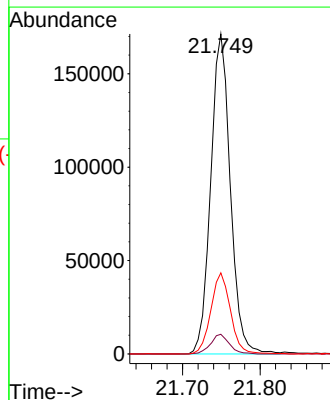
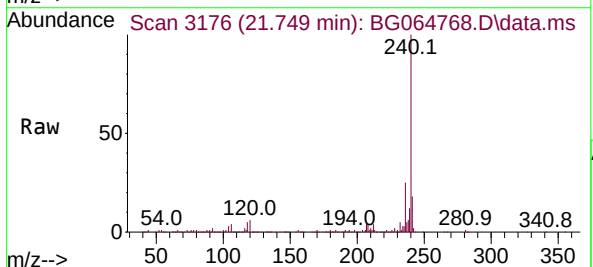
Instrument :
BNA_G
ClientSampleId :
COMP-1

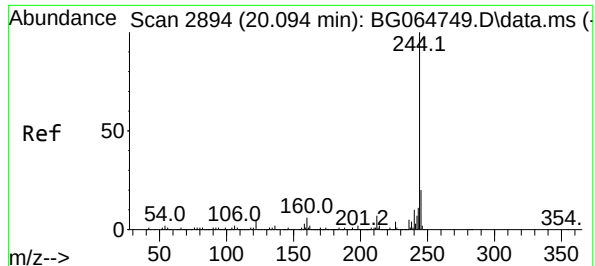
Tgt Ion:188 Resp: 245156
Ion Ratio Lower Upper
188 100
94 5.9 4.7 7.1
80 6.9 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064768.D
Acq: 13 Nov 2025 22:48

Tgt Ion:240 Resp: 300613
Ion Ratio Lower Upper
240 100
120 6.1 4.2 6.4
236 25.3 20.8 31.2





#79

Terphenyl-d14

Concen: 54.673 ng

RT: 20.087 min Scan# 2894

Delta R.T. -0.008 min

Lab File: BG064768.D

Acq: 13 Nov 2025 22:48

Instrument :

BNA_G

ClientSampleId :

COMP-1

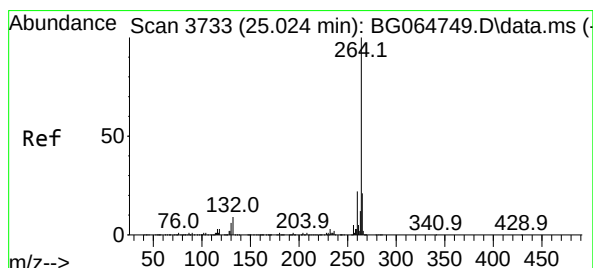
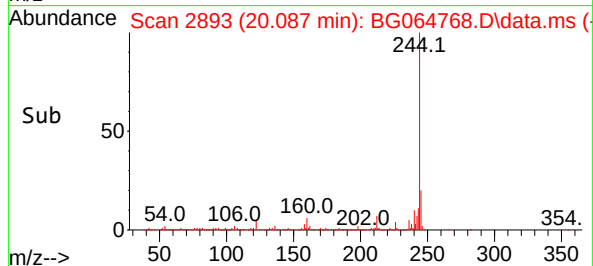
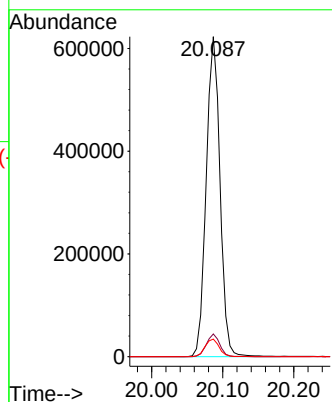
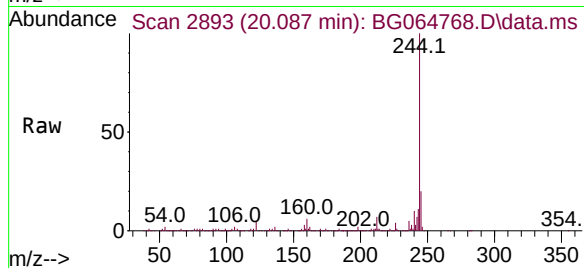
Tgt Ion:244 Resp: 835514

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 5.5 4.3 6.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.010 min Scan# 3731

Delta R.T. -0.014 min

Lab File: BG064768.D

Acq: 13 Nov 2025 22:48

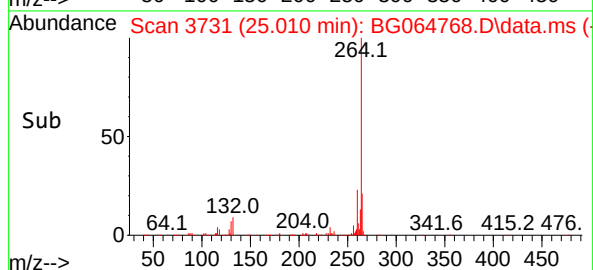
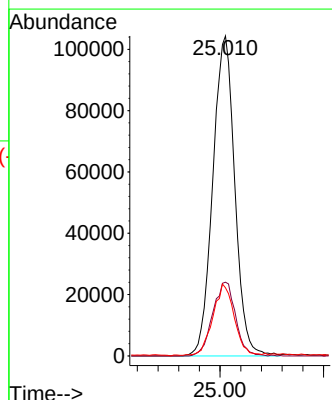
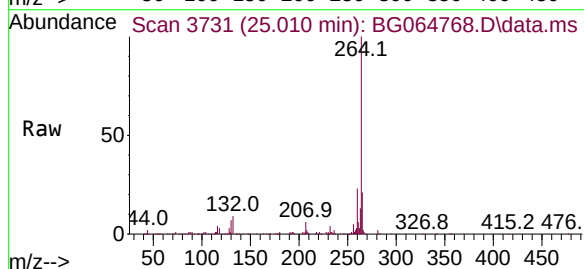
Tgt Ion:264 Resp: 308402

Ion Ratio Lower Upper

264 100

260 23.0 17.2 25.8

265 21.3 16.6 25.0



Report of Analysis

Client: Kleinfelder		Date Collected: 11/11/25
Project: Logan School		Date Received: 11/12/25
Client Sample ID: COMP-2		SDG No.: Q3614
Lab Sample ID: Q3614-02		Matrix: SOIL
Analytical Method: 8270E	Level: LOW	% Solid: 81.7
Sample Wt/Vol: 30.03 g	Final Vol: 1000 uL	Test: SVOCMS Group1
Prep Method : SW3541	Prep Date: 11/13/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	27.8	U	1	27.8	210	ug/Kg	11/13/25 20:46	PB170528
86-73-7	Fluorene	95.8	J	1	30.9	210	ug/Kg	11/13/25 20:46	PB170528
85-01-8	Phenanthrene	650		1	25.6	210	ug/Kg	11/13/25 20:46	PB170528
120-12-7	Anthracene	170	J	1	40.7	210	ug/Kg	11/13/25 20:46	PB170528
129-00-0	Pyrene	480		1	44.0	210	ug/Kg	11/13/25 20:46	PB170528
56-55-3	Benzo(a)anthracene	230		1	28.1	210	ug/Kg	11/13/25 20:46	PB170528
218-01-9	Chrysene	200	J	1	24.3	210	ug/Kg	11/13/25 20:46	PB170528
205-99-2	Benzo(b)fluoranthene	220		1	23.2	210	ug/Kg	11/13/25 20:46	PB170528
50-32-8	Benzo(a)pyrene	190	J	1	36.1	210	ug/Kg	11/13/25 20:46	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	95.6	J	1	35.6	210	ug/Kg	11/13/25 20:46	PB170528
191-24-2	Benzo(g,h,i)perylene	110	J	1	31.4	210	ug/Kg	11/13/25 20:46	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	46.7			10 - 108	47%	SPK: 100		
321-60-8	2-Fluorobiphenyl	46.5			10 - 108	47%	SPK: 100		
1718-51-0	Terphenyl-d14	48.0			10 - 109	48%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	34000							
1146-65-2	Naphthalene-d8	129000							
15067-26-2	Acenaphthene-d10	100000							
1517-22-2	Phenanthrene-d10	242000							
1719-03-5	Chrysene-d12	311000							
1520-96-3	Perylene-d12	334000							

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\BG111325\
 Data File : BG064765.D
 Acq On : 13 Nov 2025 20:46
 Operator : RC/JU
 Sample : Q3614-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

COMP-2

Manual Integrations

APPROVED

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

Quant Time: Nov 14 05:03:59 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	33950	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	129288	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	100182	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	242440	20.000	ng	0.00
76) Chrysene-d12	21.749	240	310729	20.000	ng	0.00
86) Perylene-d12	25.010	264	334431	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	145386	74.779	ng	0.00
7) Phenol-d6	7.307	99	190994	73.861	ng	0.00
23) Nitrobenzene-d5	9.322	82	122222	46.741	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	138761	71.019	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	333868	46.501	ng	0.00
79) Terphenyl-d14	20.086	244	757598	47.960	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.839	154	15045	2.591	ng	95
58) Fluorene	15.814	166	17694	2.350	ng	96
71) Phenanthrene	17.542	178	212326	16.007	ng	98
72) Anthracene	17.630	178	56878	4.205	ng	97
75) Fluoranthene	19.534	202	226323	12.477	ng	99
78) Pyrene	19.892	202	206147	11.837	ng	98
81) Benzo(a)anthracene	21.731	228	118317	5.600	ng	98
83) Chrysene	21.796	228	98914m	4.966	ng	
87) Indeno(1,2,3-cd)pyrene	28.723	276	53897	2.346	ng	# 98
88) Benzo(b)fluoranthene	23.975	252	114929	5.400	ng	98
90) Benzo(a)pyrene	24.845	252	90542	4.586	ng	98
92) Benzo(g,h,i)perylene	29.874	276	48999	2.705	ng	# 96

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

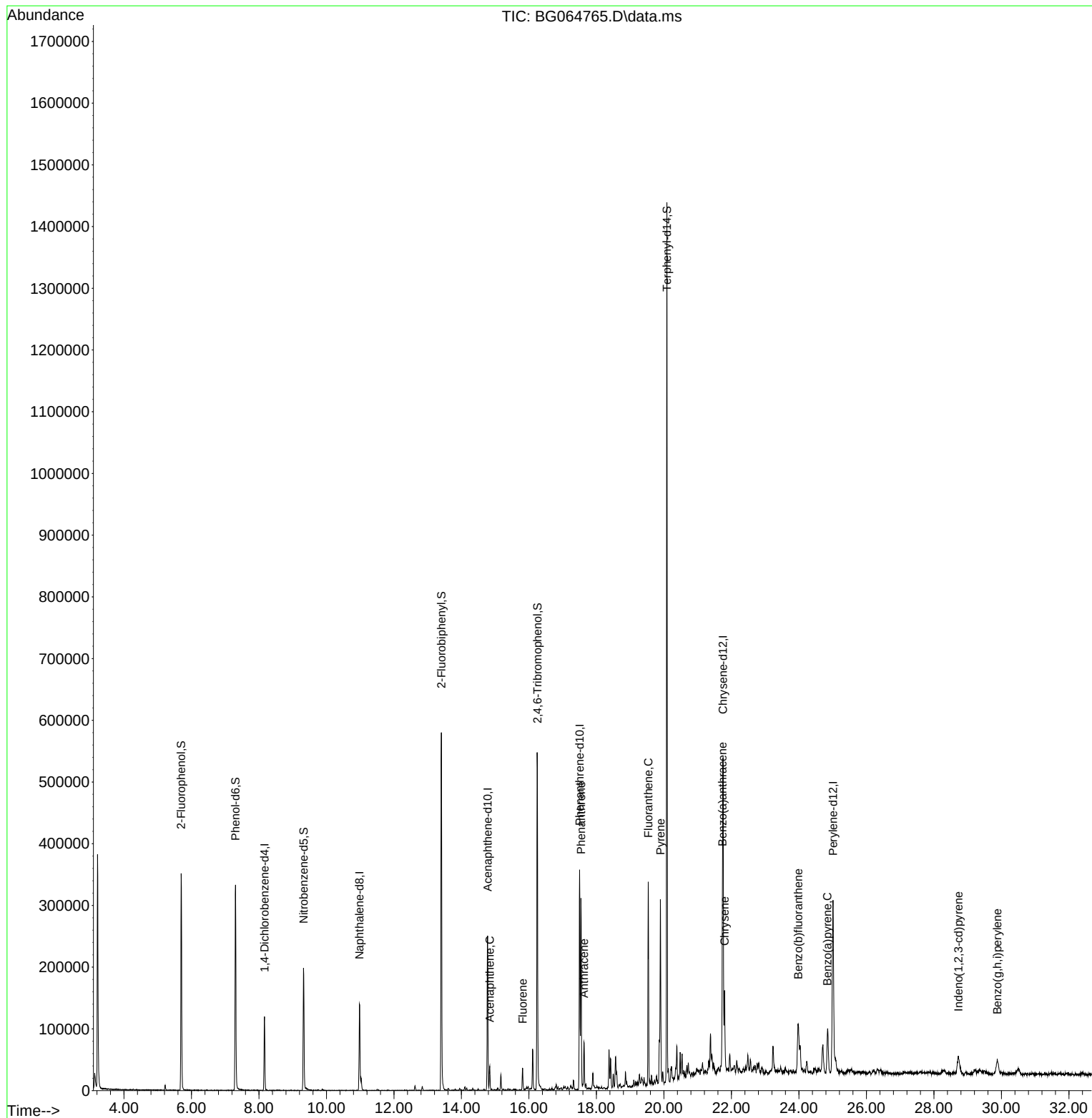
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064765.D
Acq On : 13 Nov 2025 20:46
Operator : RC/JU
Sample : Q3614-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

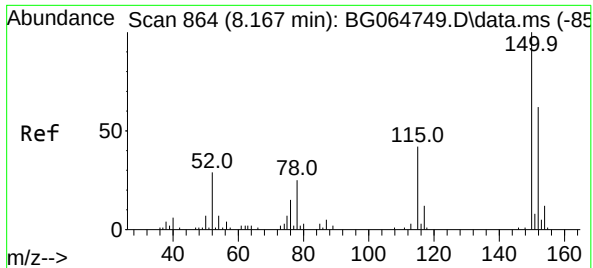
Instrument :
BNA_G
ClientSampleId :
COMP-2

Quant Time: Nov 14 05:03:59 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

Manual Integrations
APPROVED

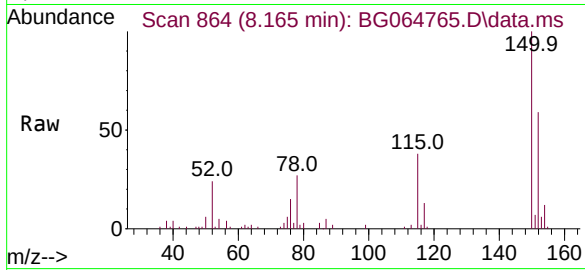
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 864
Delta R.T. -0.002 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

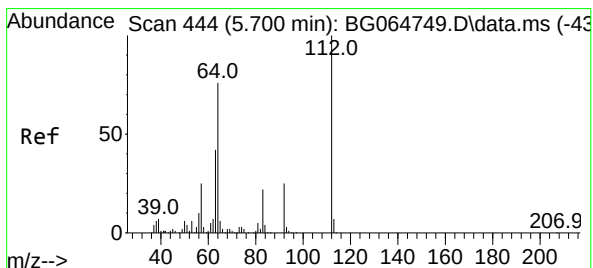
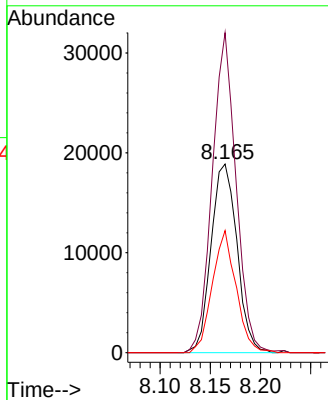
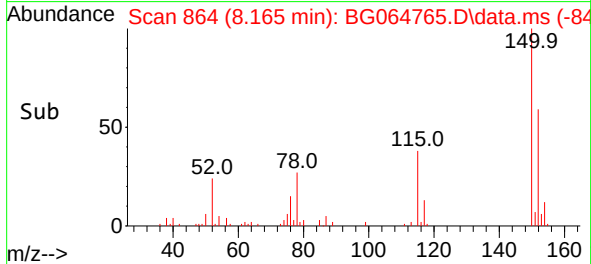
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion:152 Resp: 33950
Ion Ratio Lower Upper
152 100
150 169.7 129.2 193.8
115 64.7 53.7 80.5

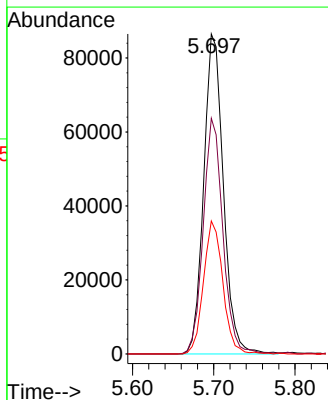
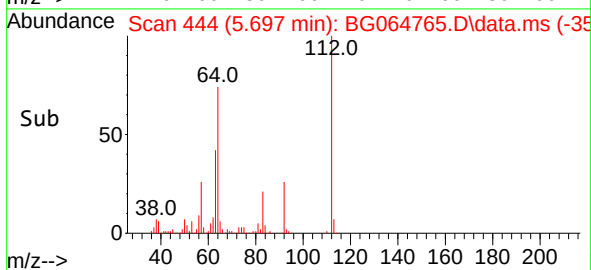
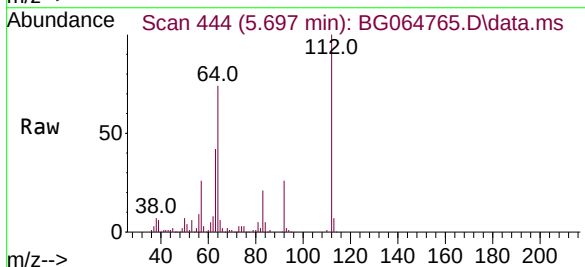
Manual Integrations
APPROVED

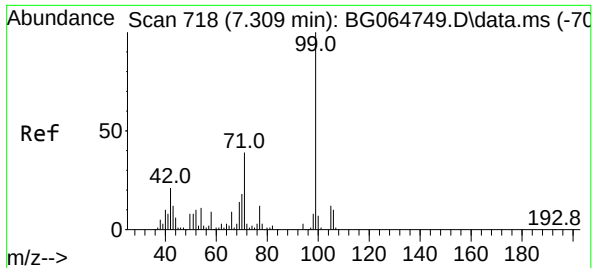
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#5
2-Fluorophenol
Concen: 74.779 ng
RT: 5.697 min Scan# 444
Delta R.T. -0.003 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

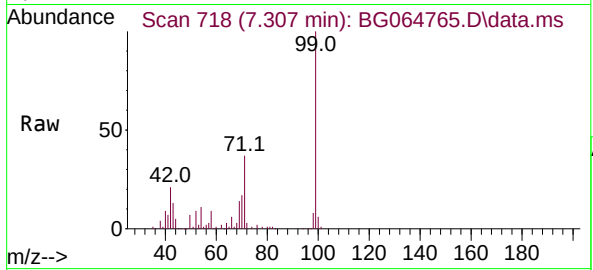
Tgt Ion:112 Resp: 145386
Ion Ratio Lower Upper
112 100
64 73.6 61.0 91.4
63 41.5 33.3 49.9





#7
Phenol-d6
Concen: 73.861 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

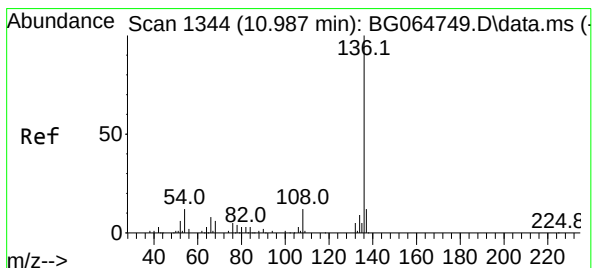
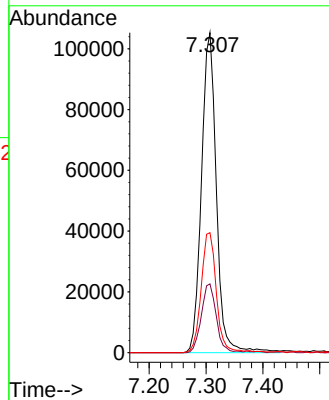
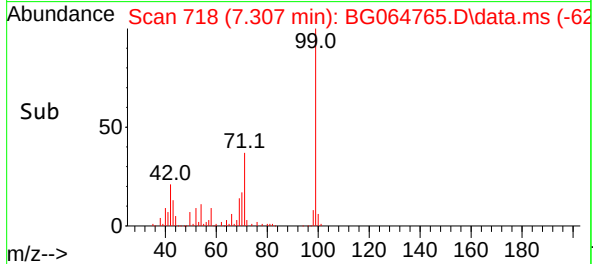
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion: 99 Resp: 190994
Ion Ratio Lower Upper
99 100
42 21.5 16.8 25.2
71 37.5 31.1 46.7

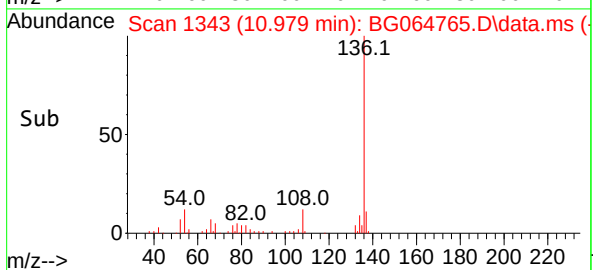
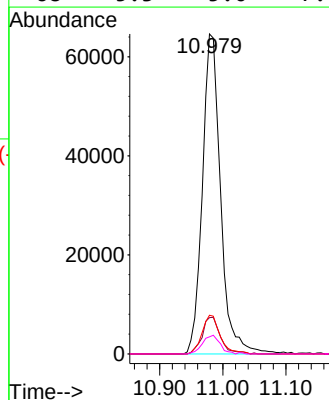
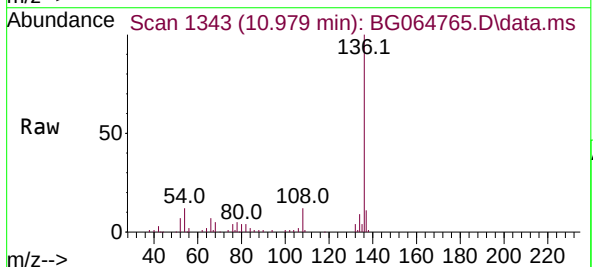
Manual Integrations
APPROVED

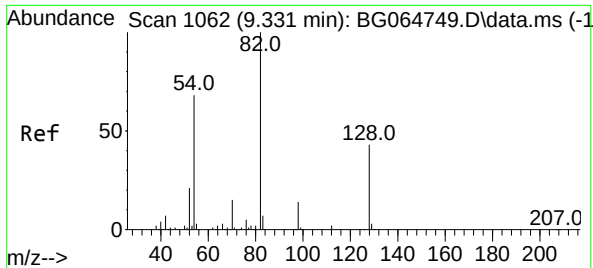
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

Tgt Ion:136 Resp: 129288
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 12.1 9.3 13.9
68 5.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 46.741 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.009 min

Lab File: BG064765.D

Acq: 13 Nov 2025 20:46

Instrument :

BNA_G

ClientSampleId :

COMP-2

Tgt Ion: 82 Resp: 12222

Ion Ratio Lower Upper

82 100

128 39.7 34.1 51.1

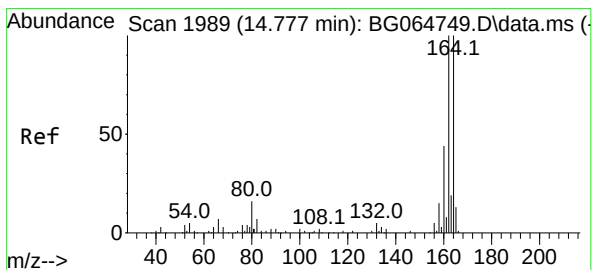
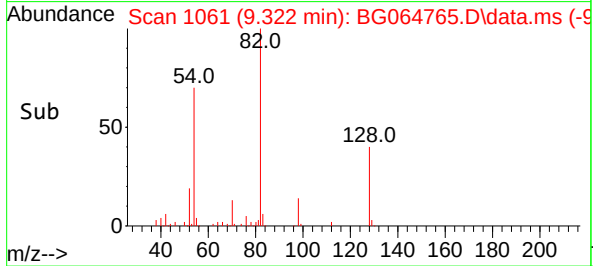
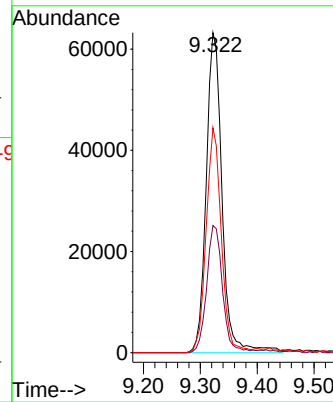
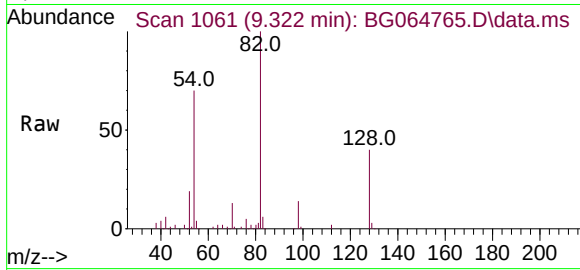
54 70.3 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG064765.D

Acq: 13 Nov 2025 20:46

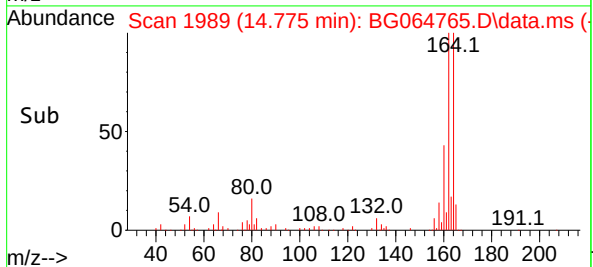
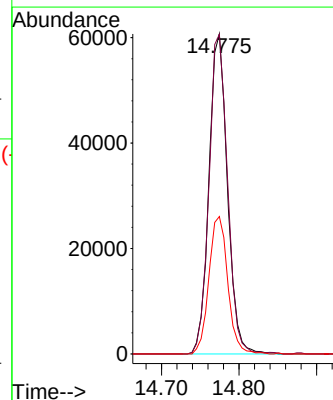
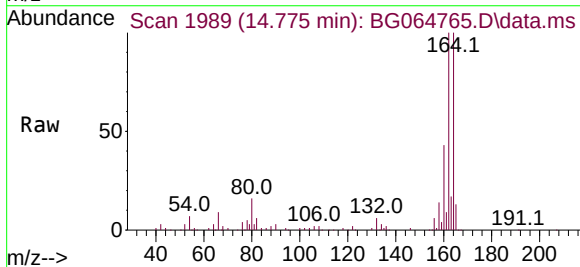
Tgt Ion:164 Resp: 100182

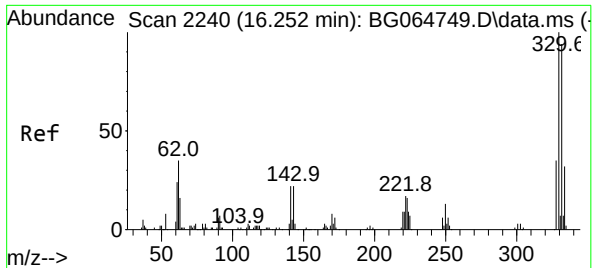
Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.6

160 42.9 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 71.019 ng
RT: 16.249 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

Instrument :

BNA_G

ClientSampleId :

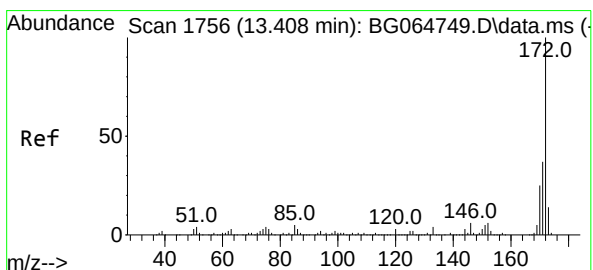
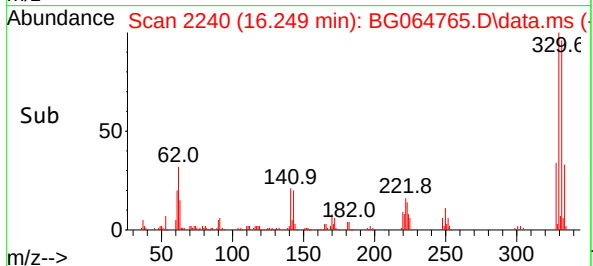
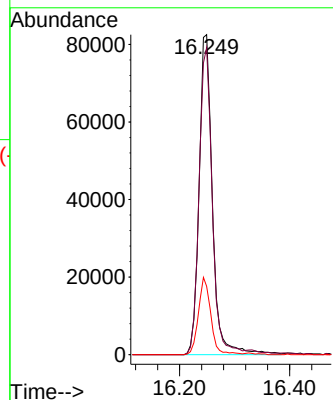
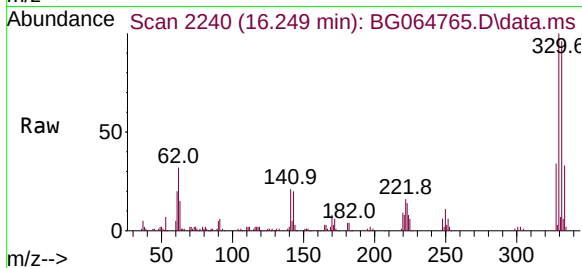
COMP-2

Tgt Ion:330 Resp: 138763
Ion Ratio Lower Upper
330 100
332 94.6 77.0 115.6
141 22.4 18.2 27.2

Manual Integrations

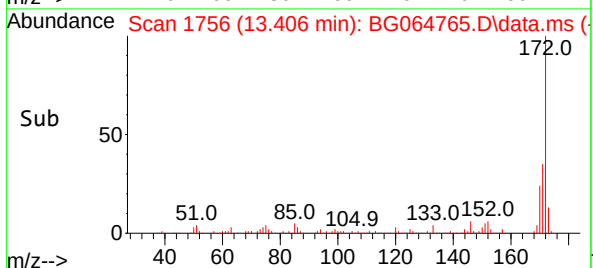
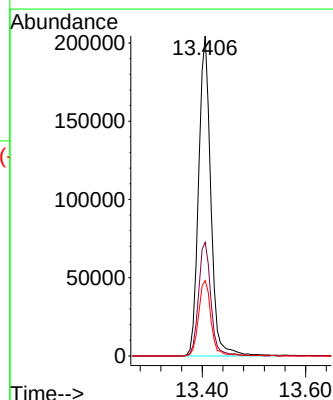
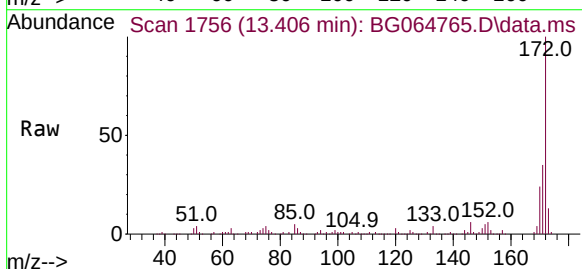
APPROVED

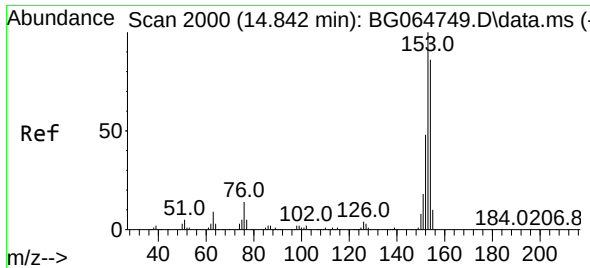
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#45
2-Fluorobiphenyl
Concen: 46.501 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

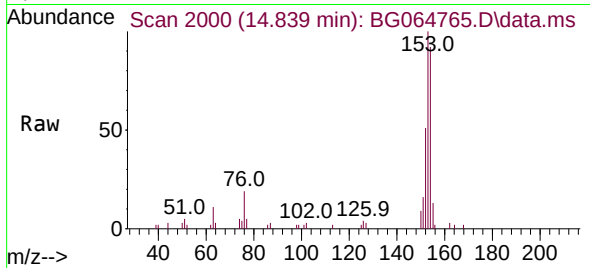
Tgt Ion:172 Resp: 333868
Ion Ratio Lower Upper
172 100
171 35.5 29.9 44.9
170 23.5 19.8 29.6





#52
Acenaphthene
Concen: 2.591 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

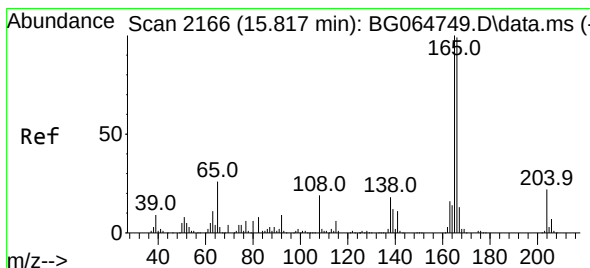
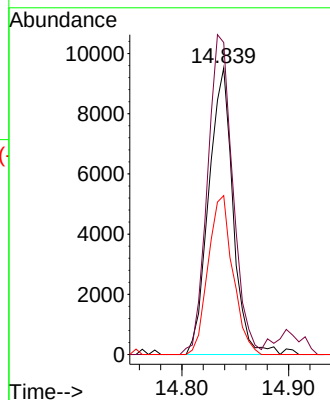
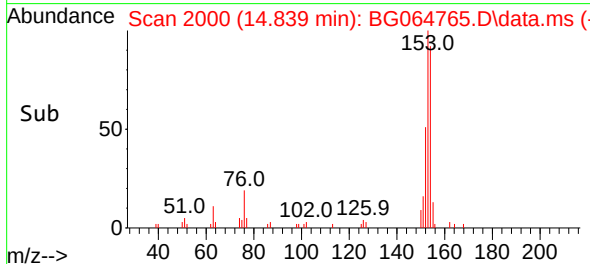
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion:154 Resp: 15045
Ion Ratio Lower Upper
154 100
153 108.9 93.0 139.4
152 55.4 44.4 66.6

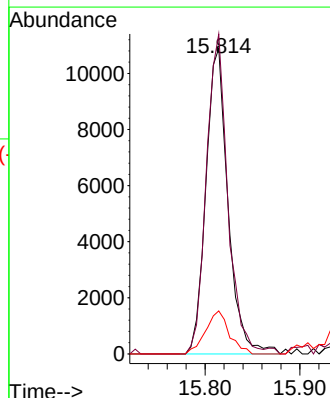
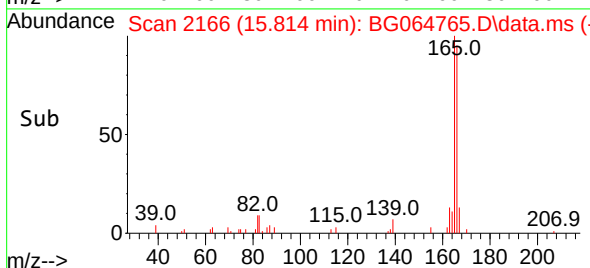
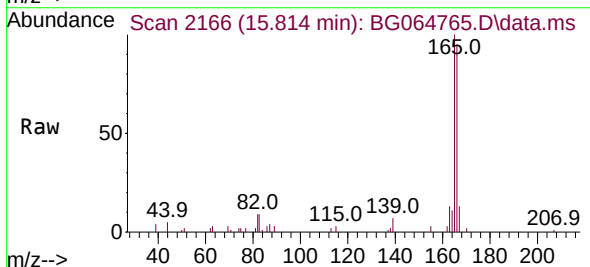
Manual Integrations
APPROVED

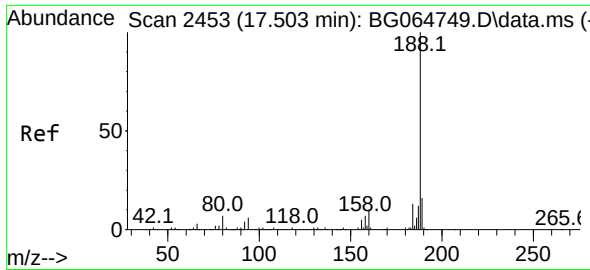
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#58
Fluorene
Concen: 2.350 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

Tgt Ion:166 Resp: 17694
Ion Ratio Lower Upper
166 100
165 104.7 80.5 120.7
167 14.1 10.3 15.5





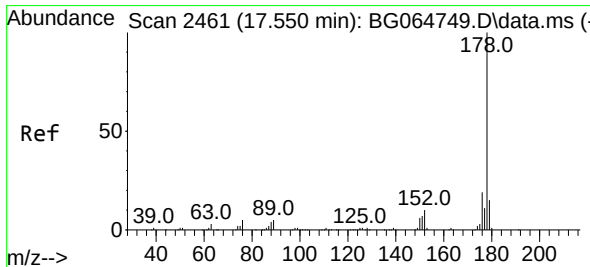
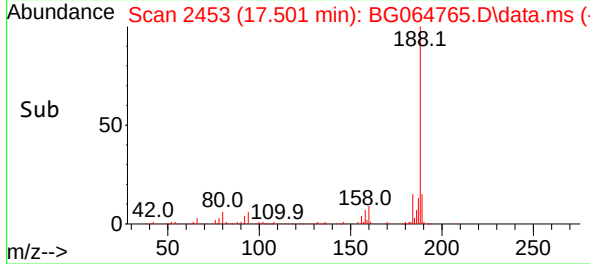
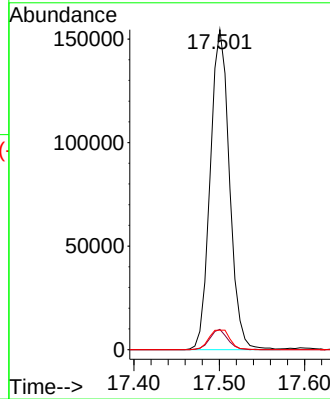
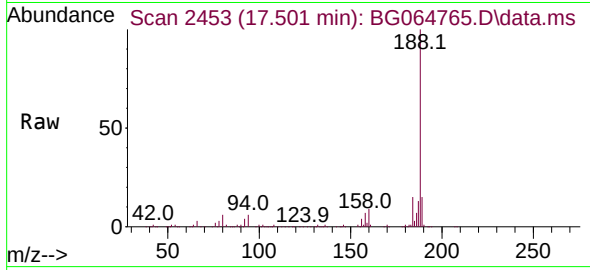
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

Instrument :
BNA_G
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 242440
Ion Ratio Lower Upper
188 100
94 6.3 4.7 7.1
80 6.1 5.4 8.2

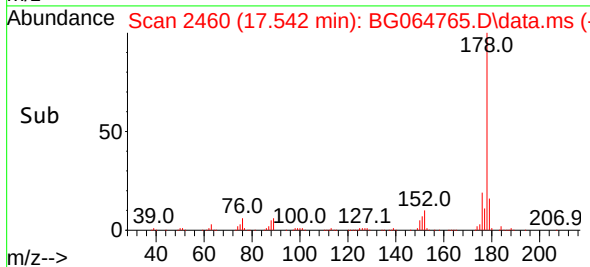
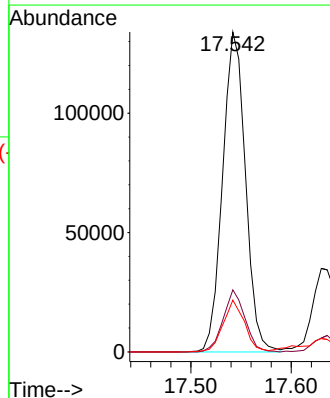
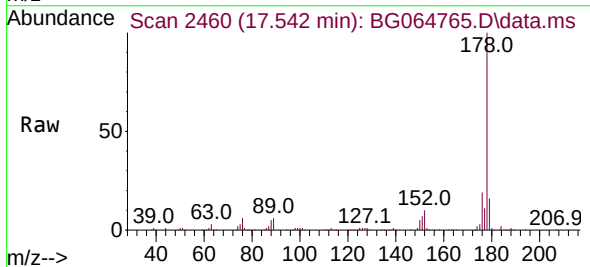
Manual Integrations
APPROVED

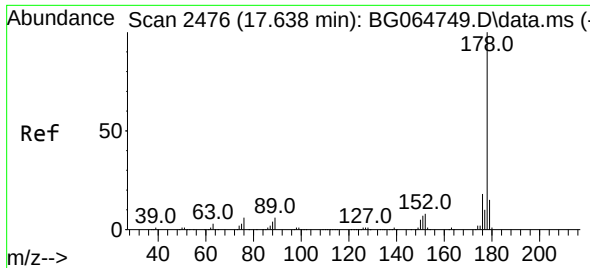
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#71
Phenanthrene
Concen: 16.007 ng
RT: 17.542 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

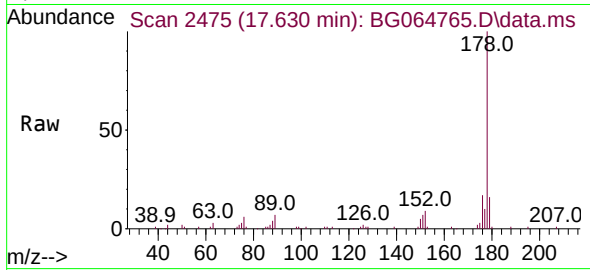
Tgt Ion:178 Resp: 212326
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 16.2 12.2 18.4





#72
Anthracene
Concen: 4.205 ng
RT: 17.630 min Scan# 2476
Delta R.T. -0.009 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

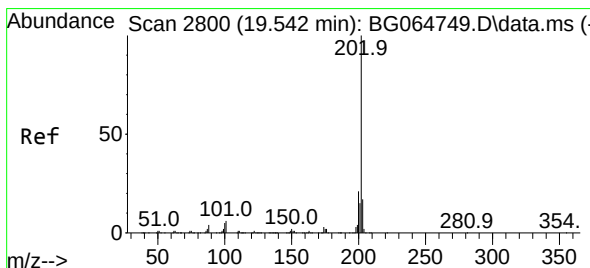
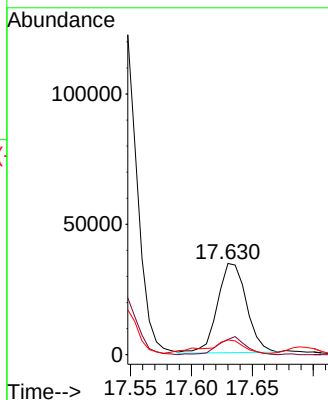
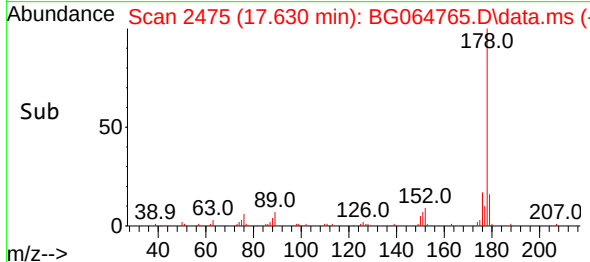
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion:178 Resp: 56878
Ion Ratio Lower Upper
178 100
176 16.7 14.5 21.7
179 16.0 12.2 18.4

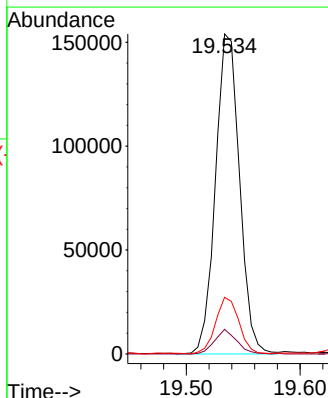
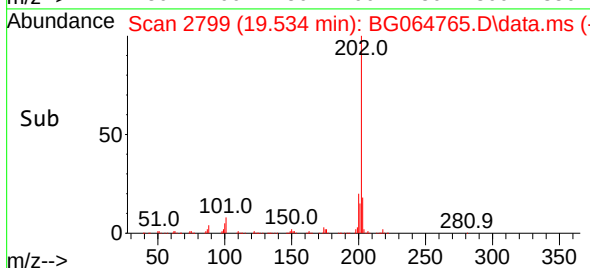
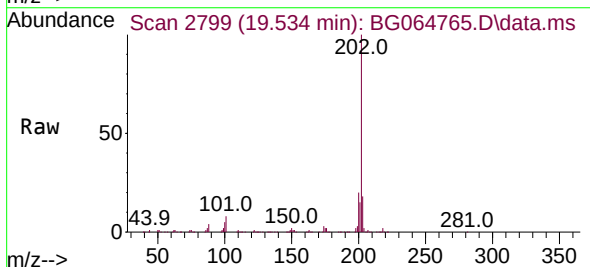
Manual Integrations
APPROVED

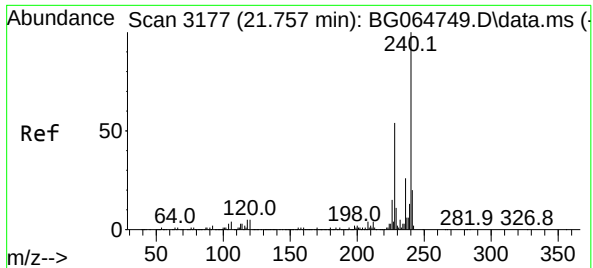
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#75
Fluoranthene
Concen: 12.477 ng
RT: 19.534 min Scan# 2799
Delta R.T. -0.009 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

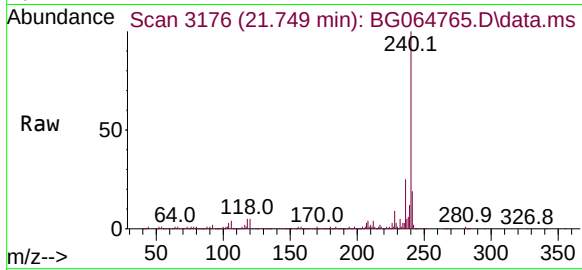
Tgt Ion:202 Resp: 226323
Ion Ratio Lower Upper
202 100
101 7.7 0.0 26.4
203 17.7 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3177
Delta R.T. -0.009 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

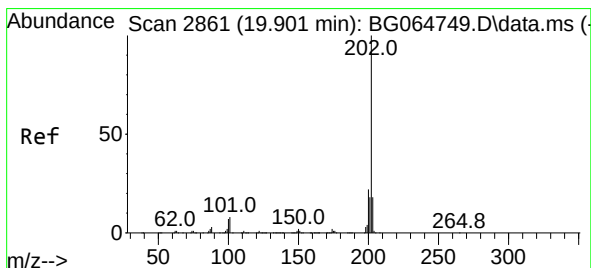
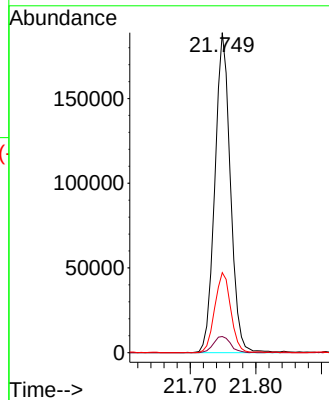
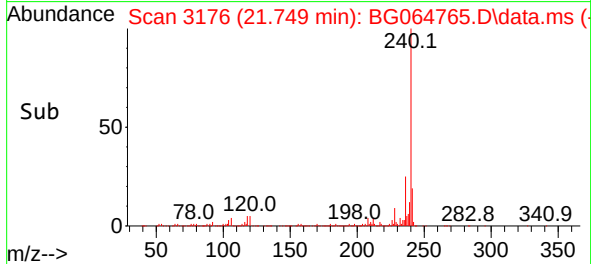
Instrument :
BNA_G
ClientSampleId :
COMP-2



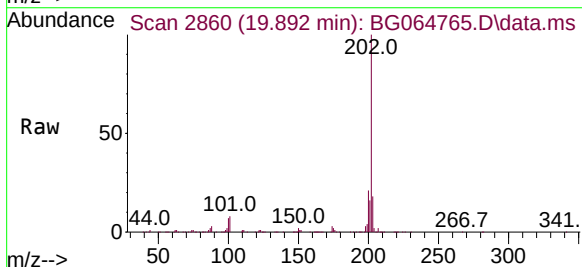
Tgt Ion:240 Resp: 310729
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.4
236 25.0 20.8 31.2

Manual Integrations
APPROVED

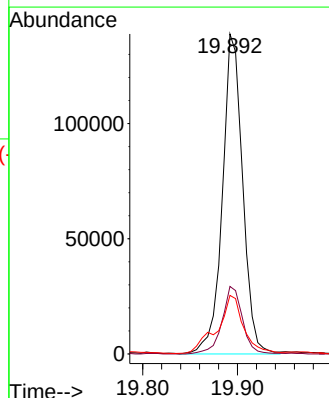
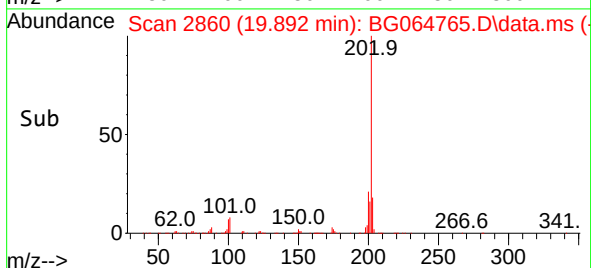
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

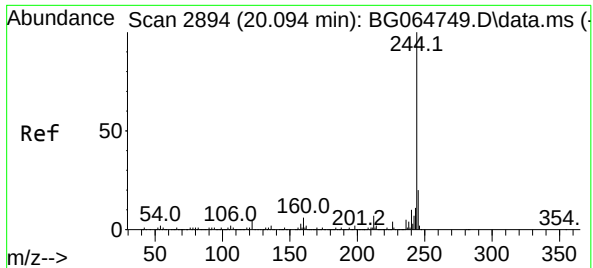


#78
Pyrene
Concen: 11.837 ng
RT: 19.892 min Scan# 2860
Delta R.T. -0.009 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46



Tgt Ion:202 Resp: 206147
Ion Ratio Lower Upper
202 100
200 21.1 17.9 26.9
203 18.3 14.0 21.0





#79

Terphenyl-d14

Concen: 47.960 ng

RT: 20.086 min Scan# 2894

Delta R.T. -0.009 min

Lab File: BG064765.D

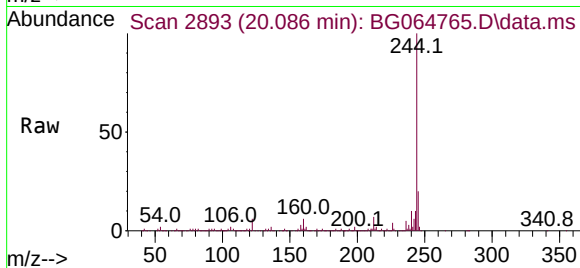
Acq: 13 Nov 2025 20:46

Instrument :

BNA_G

ClientSampleId :

COMP-2



Tgt Ion:244 Resp: 757598

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

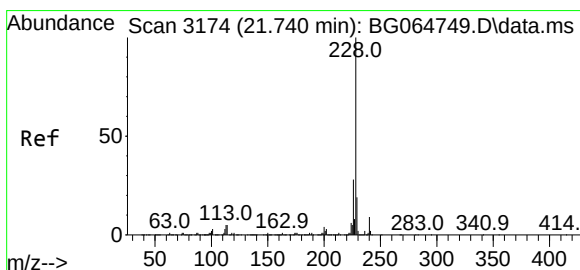
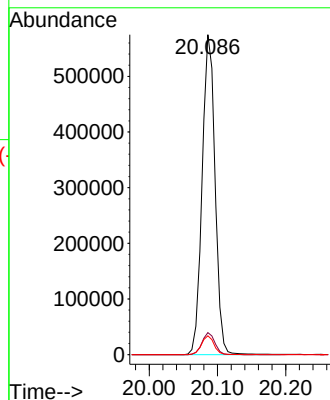
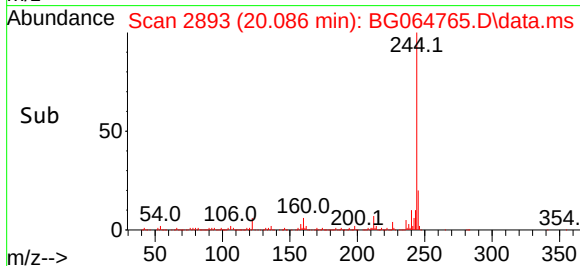
122 5.9 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#81

Benzo(a)anthracene

Concen: 5.600 ng

RT: 21.731 min Scan# 3173

Delta R.T. -0.009 min

Lab File: BG064765.D

Acq: 13 Nov 2025 20:46

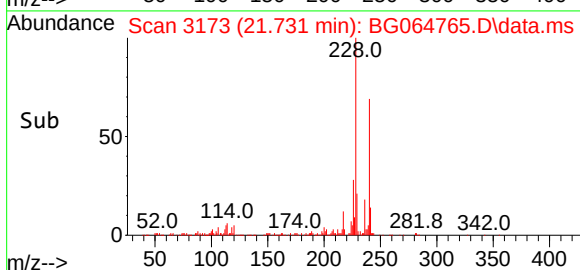
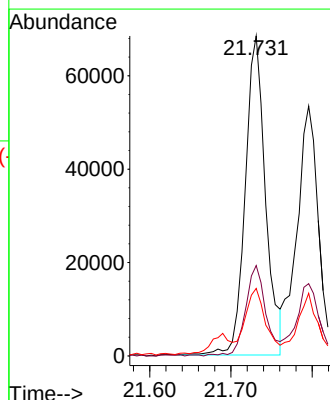
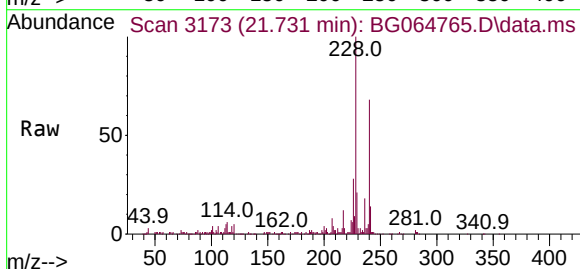
Tgt Ion:228 Resp: 118317

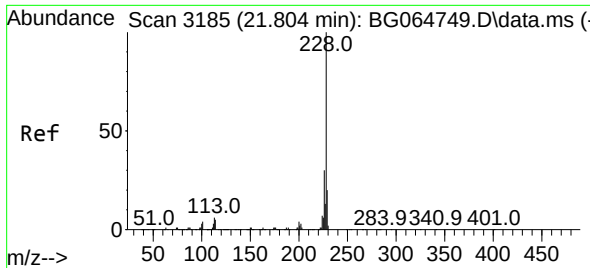
Ion Ratio Lower Upper

228 100

226 28.2 22.1 33.1

229 21.1 15.5 23.3





#83

Chrysene

Concen: 4.966 ng m

RT: 21.796 min Scan# 3185

Delta R.T. -0.009 min

Lab File: BG064765.D

Acq: 13 Nov 2025 20:46

Instrument :

BNA_G

ClientSampleId :

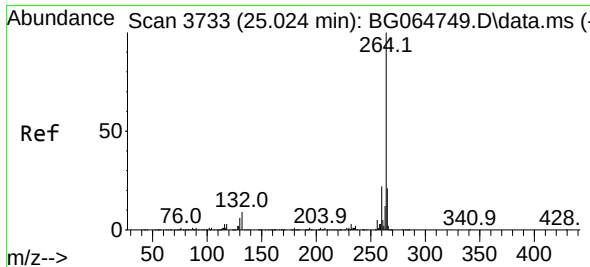
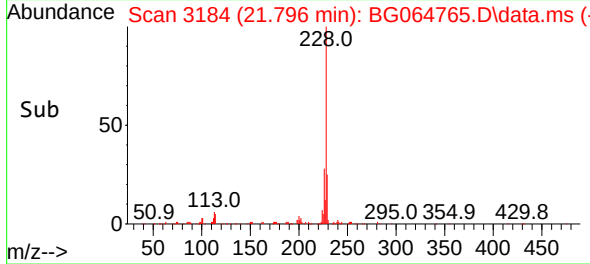
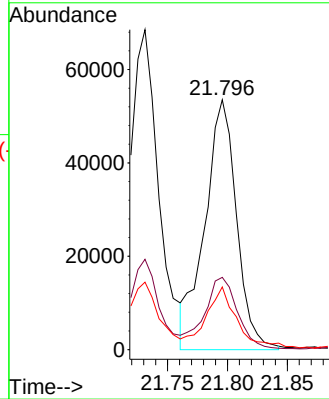
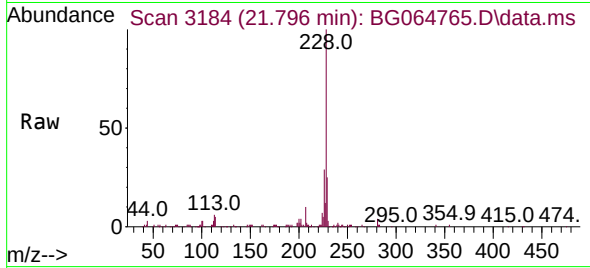
COMP-2

Tgt Ion:	228	Resp:	98914
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.2	36.2
229	25.1	16.0	24.0

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

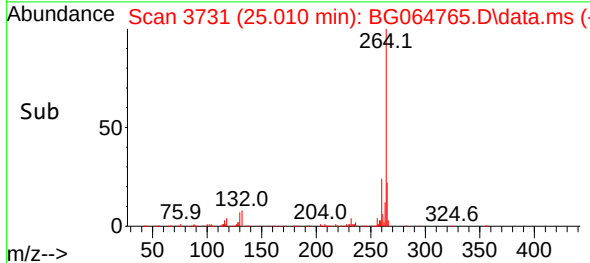
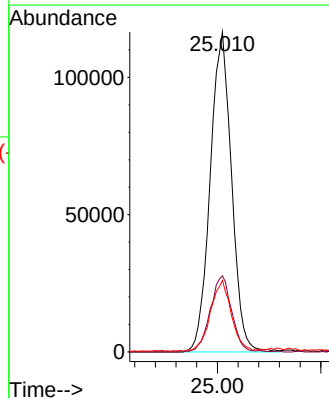
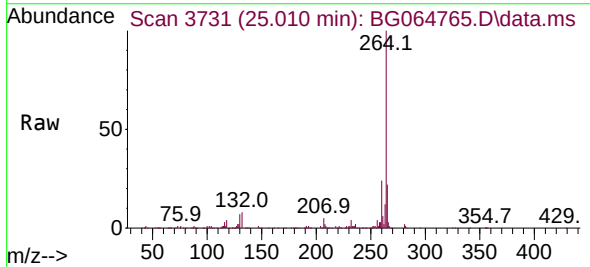
RT: 25.010 min Scan# 3731

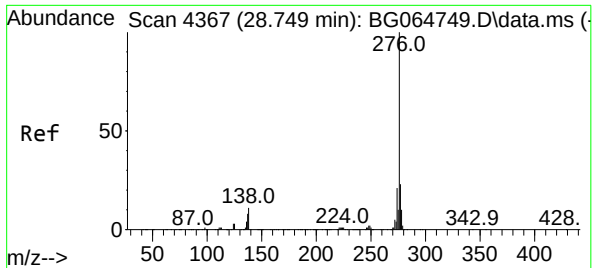
Delta R.T. -0.014 min

Lab File: BG064765.D

Acq: 13 Nov 2025 20:46

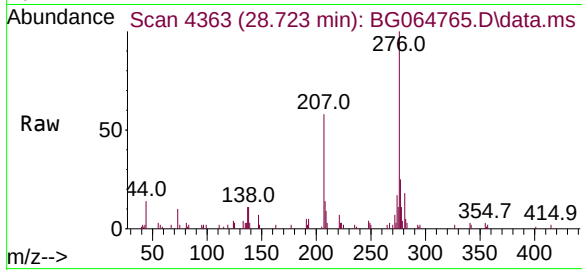
Tgt Ion:	264	Resp:	334431
Ion Ratio	Lower	Upper	
264	100		
260	23.8	17.2	25.8
265	22.3	16.6	25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.346 ng
RT: 28.723 min Scan# 4367
Delta R.T. -0.026 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

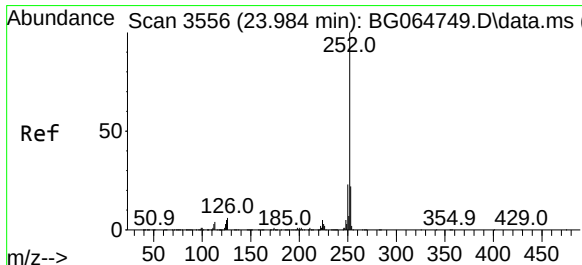
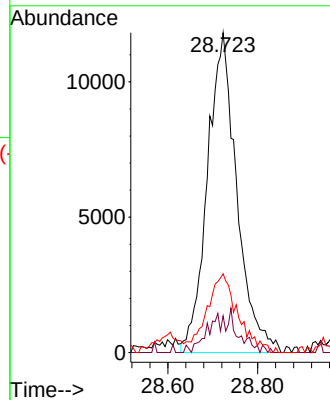
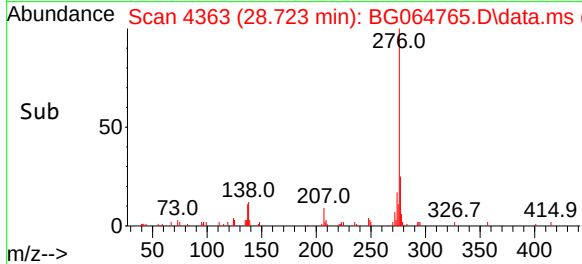
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion: 276 Resp: 5389
Ion Ratio Lower Upper
276 100
138 6.9 4.5 6.7
277 26.0 20.0 30.0

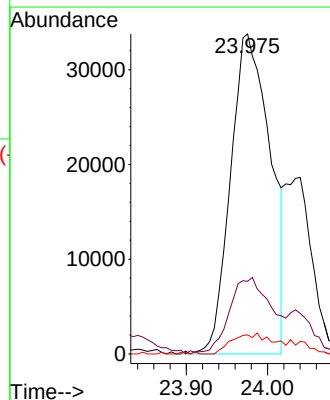
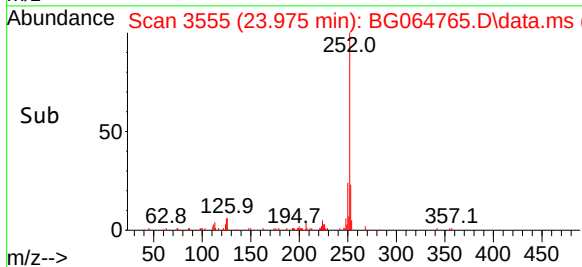
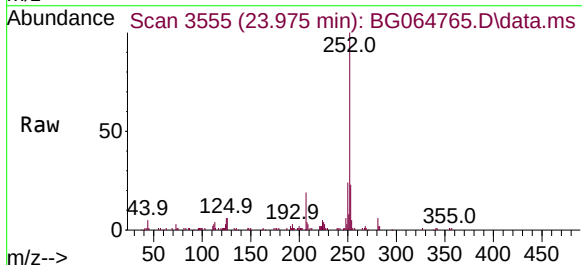
Manual Integrations
APPROVED

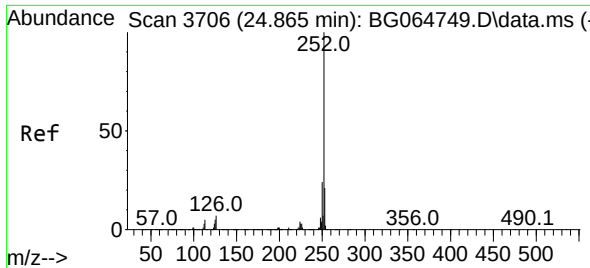
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#88
Benzo(b)fluoranthene
Concen: 5.400 ng
RT: 23.975 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

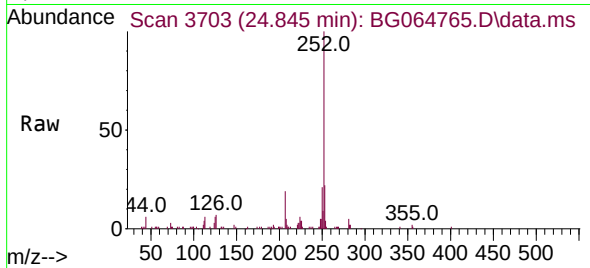
Tgt Ion: 252 Resp: 114929
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 5.9 4.2 6.2





#90
Benzo(a)pyrene
Concen: 4.586 ng
RT: 24.845 min Scan# 31
Delta R.T. -0.020 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

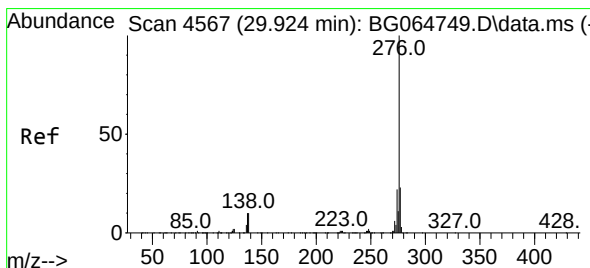
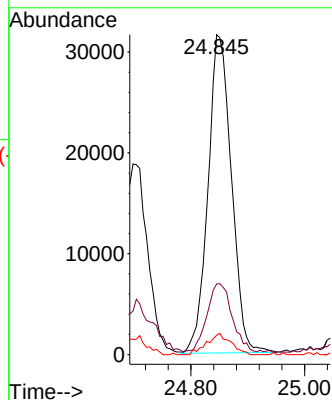
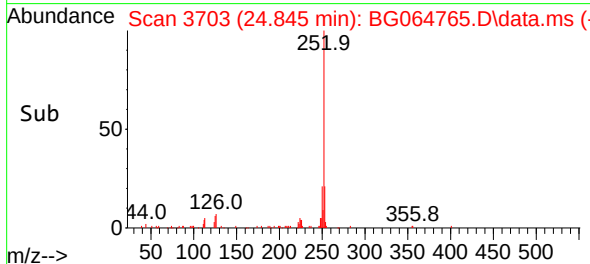
Instrument :
BNA_G
ClientSampleId :
COMP-2



Tgt Ion:252 Resp: 90542
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 6.1 4.2 6.4

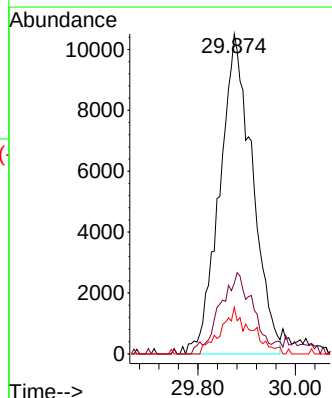
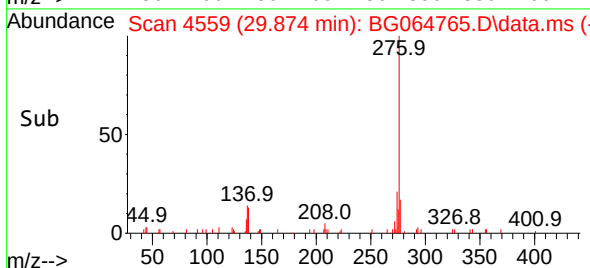
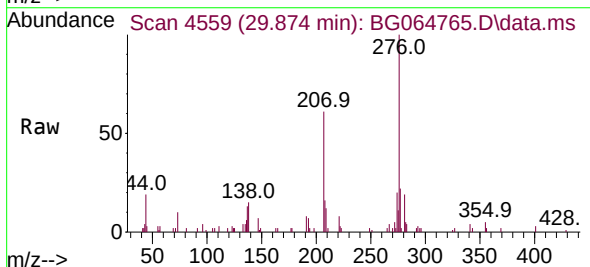
Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 2.705 ng
RT: 29.874 min Scan# 4559
Delta R.T. -0.050 min
Lab File: BG064765.D
Acq: 13 Nov 2025 20:46

Tgt Ion:276 Resp: 48999
Ion Ratio Lower Upper
276 100
277 22.1 18.0 27.0
138 14.5 8.2 12.2#



Report of Analysis

Client: Kleinfelder	Date Collected: 11/11/25	
Project: Logan School	Date Received: 11/12/25	
Client Sample ID: COMP-3	SDG No.: Q3614	
Lab Sample ID: Q3614-03	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 83.5	
Sample Wt/Vol: 30.05 g	Test: SVOCMS Group1	
Prep Method: SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	27.1	U	1	27.1	200	ug/Kg	11/13/25 21:27	PB170528
86-73-7	Fluorene	81.3	J	1	30.2	200	ug/Kg	11/13/25 21:27	PB170528
85-01-8	Phenanthrene	580		1	25.0	200	ug/Kg	11/13/25 21:27	PB170528
120-12-7	Anthracene	150	J	1	39.8	200	ug/Kg	11/13/25 21:27	PB170528
129-00-0	Pyrene	380		1	43.0	200	ug/Kg	11/13/25 21:27	PB170528
56-55-3	Benzo(a)anthracene	180	J	1	27.5	200	ug/Kg	11/13/25 21:27	PB170528
218-01-9	Chrysene	150	J	1	23.8	200	ug/Kg	11/13/25 21:27	PB170528
205-99-2	Benzo(b)fluoranthene	170	J	1	22.7	200	ug/Kg	11/13/25 21:27	PB170528
50-32-8	Benzo(a)pyrene	120	J	1	35.3	200	ug/Kg	11/13/25 21:27	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	34.8	U	1	34.8	200	ug/Kg	11/13/25 21:27	PB170528
191-24-2	Benzo(g,h,i)perylene	30.7	U	1	30.7	200	ug/Kg	11/13/25 21:27	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	55.1			10 - 108	55%	SPK: 100		
321-60-8	2-Fluorobiphenyl	53.8			10 - 108	54%	SPK: 100		
1718-51-0	Terphenyl-d14	61.1			10 - 109	61%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	37800							
1146-65-2	Naphthalene-d8	144000							
15067-26-2	Acenaphthene-d10	117000							
1517-22-2	Phenanthrene-d10	277000							
1719-03-5	Chrysene-d12	316000							
1520-96-3	Perylene-d12	334000							

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\BG111325\
 Data File : BG064766.D
 Acq On : 13 Nov 2025 21:27
 Operator : RC/JU
 Sample : Q3614-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Nov 14 05:04:26 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)

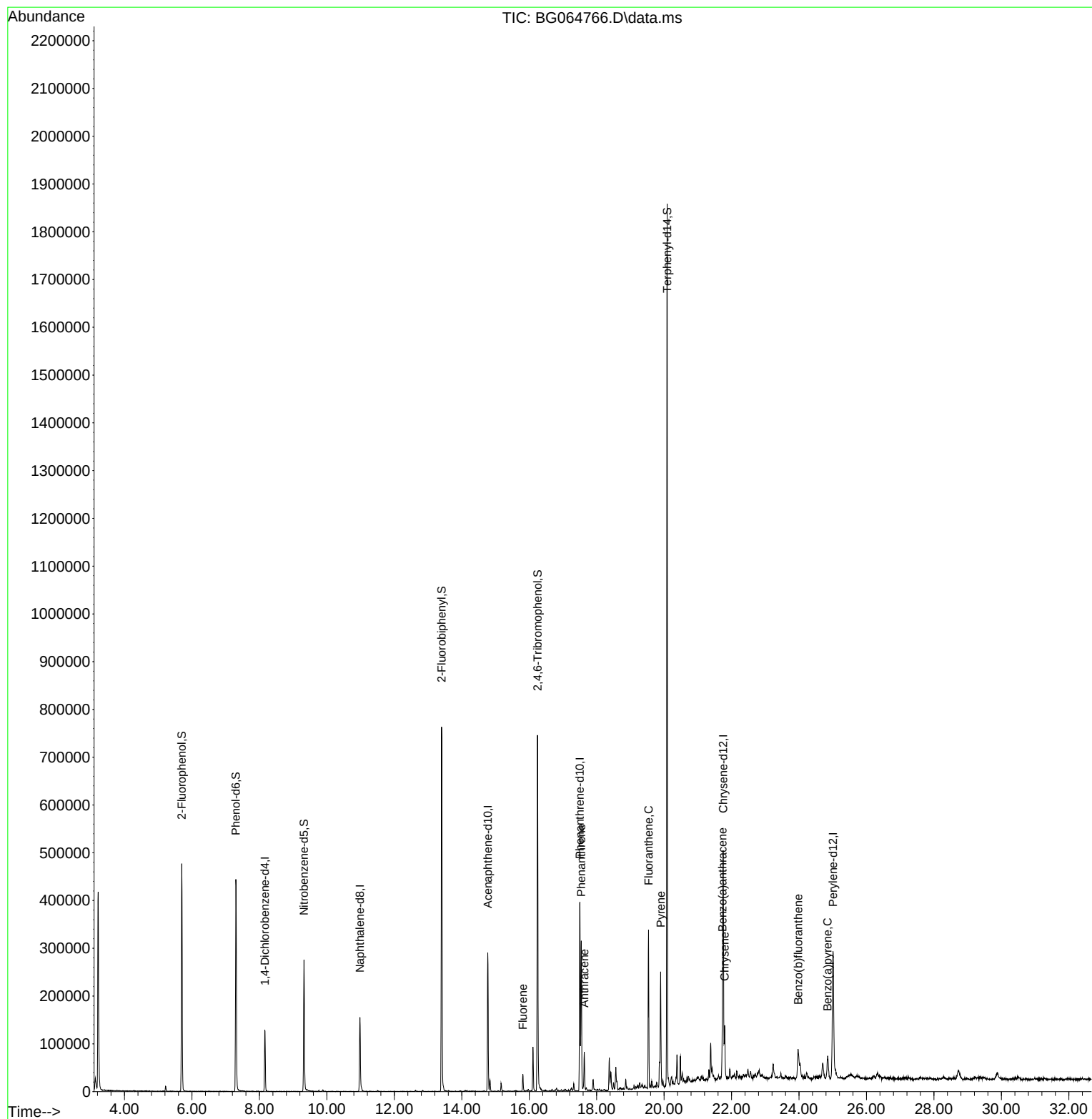
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	37846	20.000	ng	0.00
21) Naphthalene-d8	10.982	136	144314	20.000	ng	0.00
39) Acenaphthene-d10	14.771	164	117322	20.000	ng	0.00
64) Phenanthrene-d10	17.497	188	277033	20.000	ng	0.00
76) Chrysene-d12	21.751	240	316134	20.000	ng	0.00
86) Perylene-d12	25.006	264	333844	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	196887	90.844	ng	0.00
7) Phenol-d6	7.304	99	254076	88.141	ng	0.00
23) Nitrobenzene-d5	9.325	82	160721	55.064	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	187987	82.157	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	451983	53.756	ng	0.00
79) Terphenyl-d14	20.089	244	982055	61.107	ng	0.00
Target Compounds						
						Qvalue
58) Fluorene	15.811	166	17989	2.040	ng	94
71) Phenanthrene	17.544	178	220996	14.580	ng	100
72) Anthracene	17.633	178	56463	3.653	ng	99
75) Fluoranthene	19.536	202	223744	10.795	ng	99
78) Pyrene	19.895	202	170056	9.598	ng	97
81) Benzo(a)anthracene	21.728	228	96150	4.473	ng	98
83) Chrysene	21.792	228	77786	3.838	ng	96
88) Benzo(b)fluoranthene	23.972	252	91404	4.302	ng	96
90) Benzo(a)pyrene	24.848	252	60047	3.047	ng	# 95

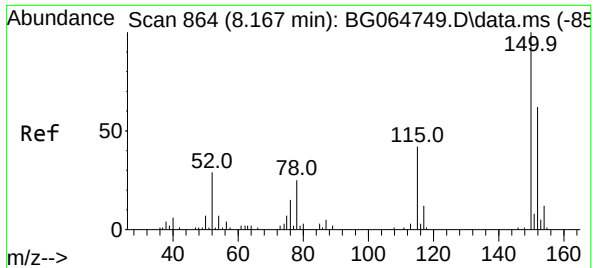
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064766.D
Acq On : 13 Nov 2025 21:27
Operator : RC/JU
Sample : Q3614-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-3

Quant Time: Nov 14 05:04:26 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

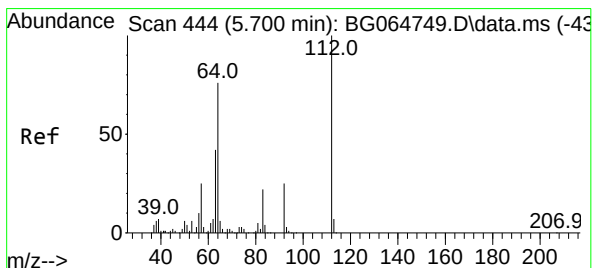
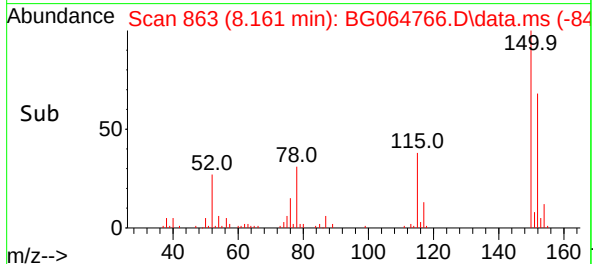
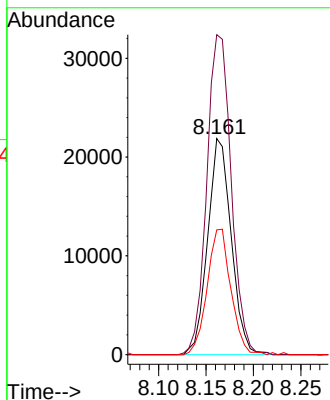
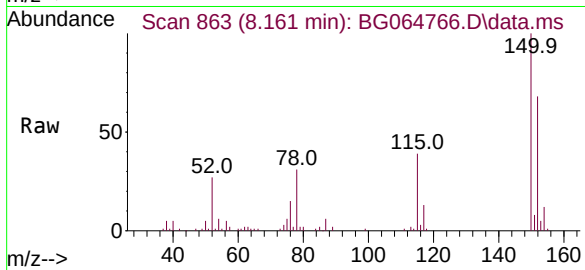




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 864
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

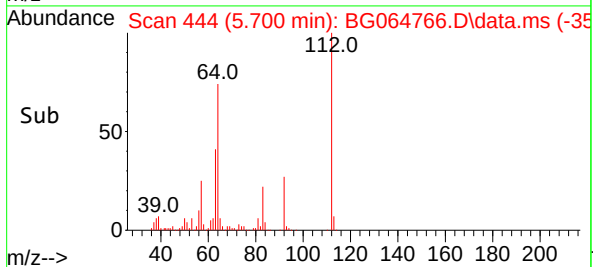
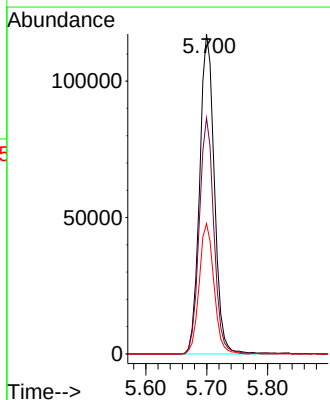
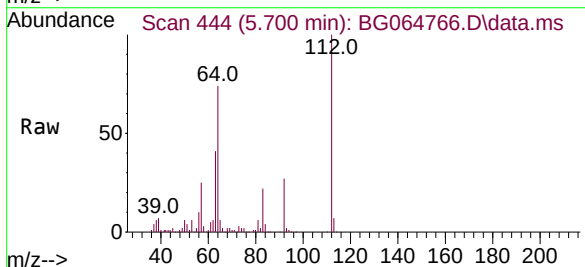
Instrument :
BNA_G
ClientSampleId :
COMP-3

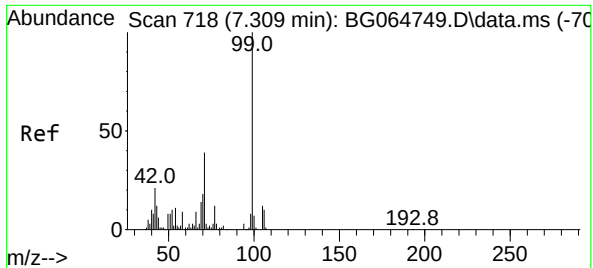
Tgt Ion:152 Resp: 37846
Ion Ratio Lower Upper
152 100
150 148.1 129.2 193.8
115 57.8 53.7 80.5



#5
2-Fluorophenol
Concen: 90.844 ng
RT: 5.700 min Scan# 444
Delta R.T. -0.000 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

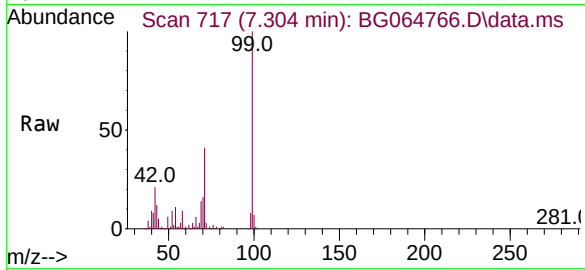
Tgt Ion:112 Resp: 196887
Ion Ratio Lower Upper
112 100
64 73.8 61.0 91.4
63 40.7 33.3 49.9



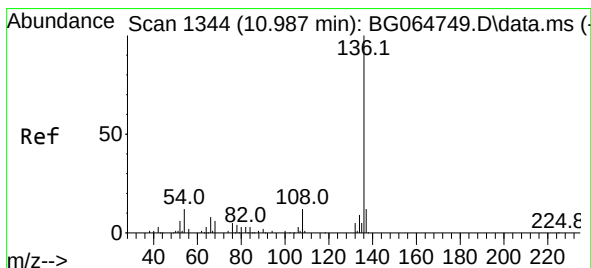
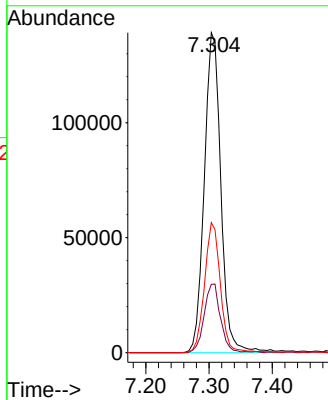
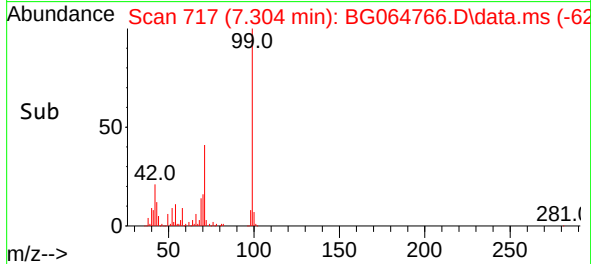


#7
Phenol-d6
Concen: 88.141 ng
RT: 7.304 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

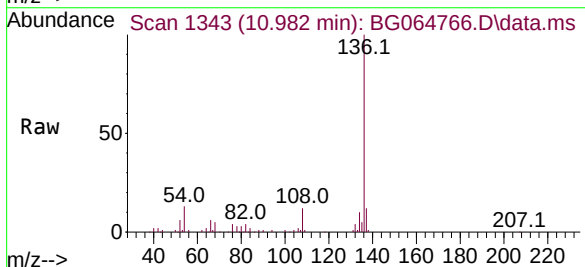
Instrument :
BNA_G
ClientSampleId :
COMP-3



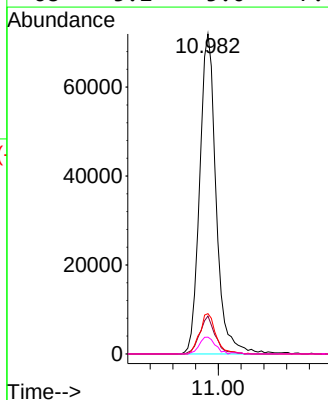
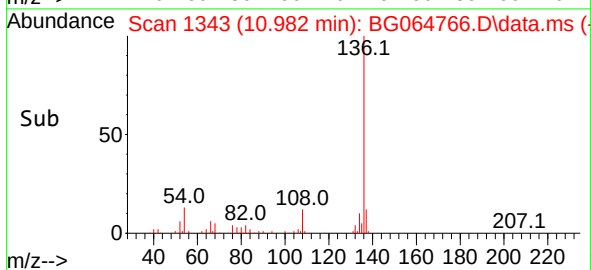
Tgt Ion: 99 Resp: 254076
Ion Ratio Lower Upper
99 100
42 21.3 16.8 25.2
71 40.6 31.1 46.7

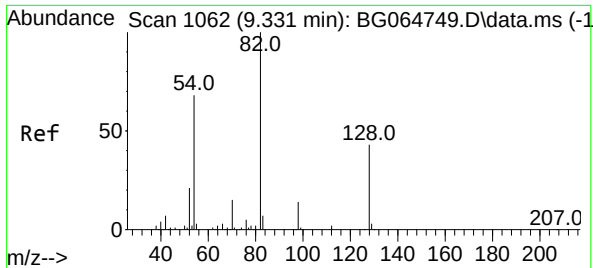


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 1343
Delta R.T. -0.005 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27



Tgt Ion: 136 Resp: 144314
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 12.6 9.3 13.9
68 5.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 55.064 ng

RT: 9.325 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BG064766.D

Acq: 13 Nov 2025 21:27

Instrument :

BNA_G

ClientSampleId :

COMP-3

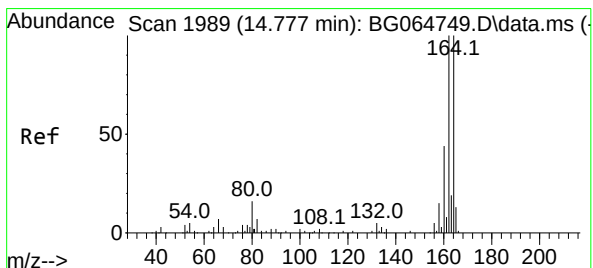
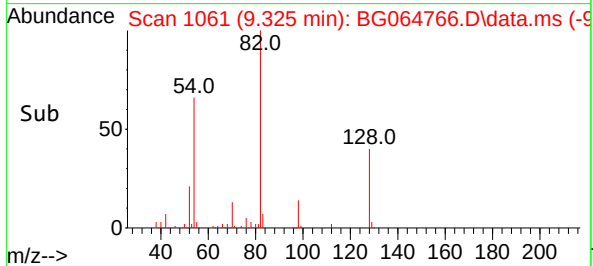
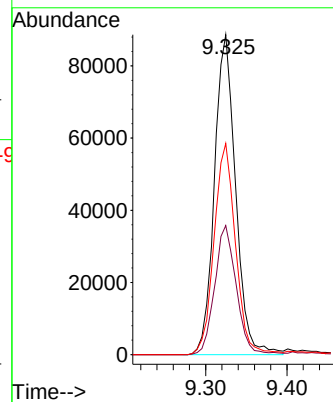
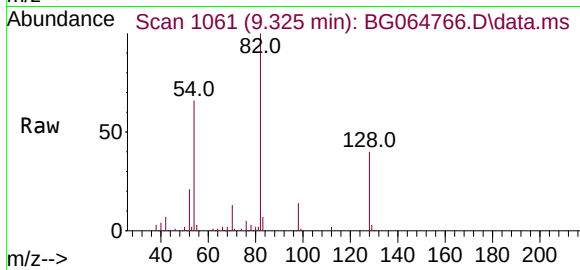
Tgt Ion: 82 Resp: 160721

Ion Ratio Lower Upper

82 100

128 40.3 34.1 51.1

54 66.0 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.771 min Scan# 1988

Delta R.T. -0.006 min

Lab File: BG064766.D

Acq: 13 Nov 2025 21:27

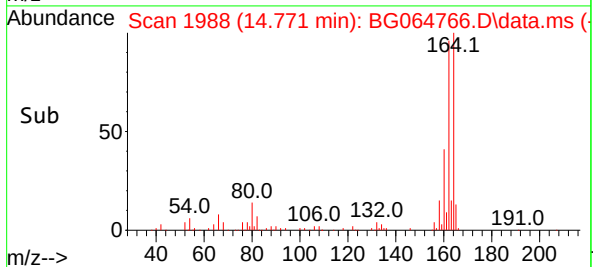
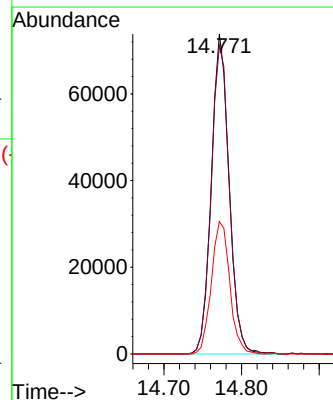
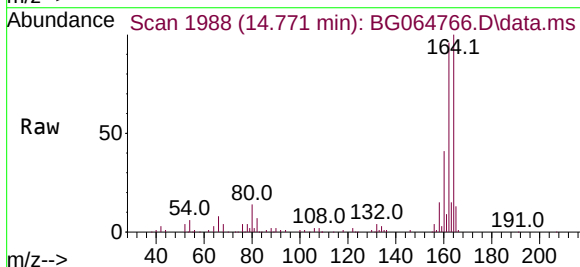
Tgt Ion: 164 Resp: 117322

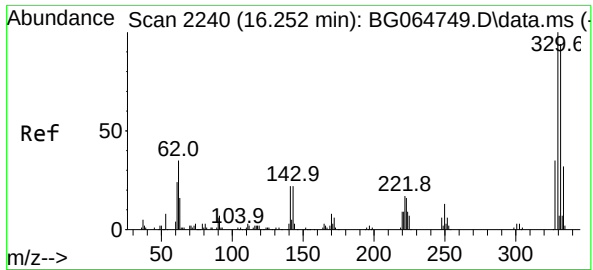
Ion Ratio Lower Upper

164 100

162 96.4 79.8 119.6

160 41.3 34.9 52.3

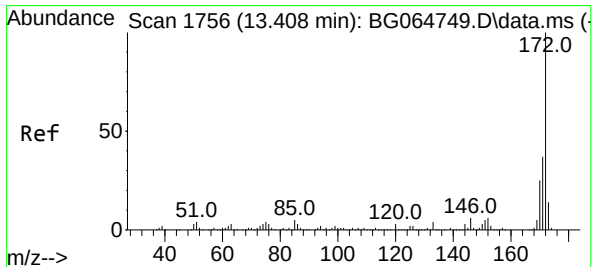
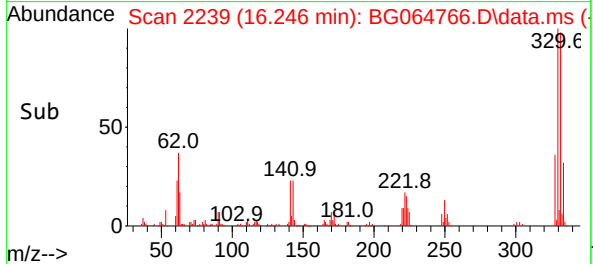
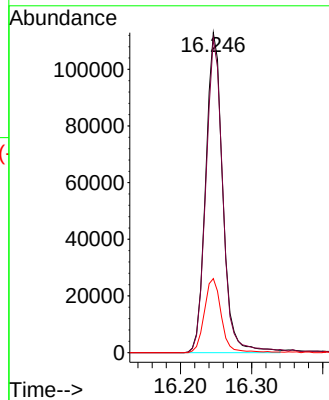
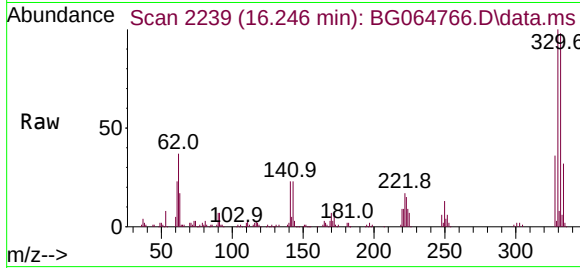




#42
2,4,6-Tribromophenol
Concen: 82.157 ng
RT: 16.246 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

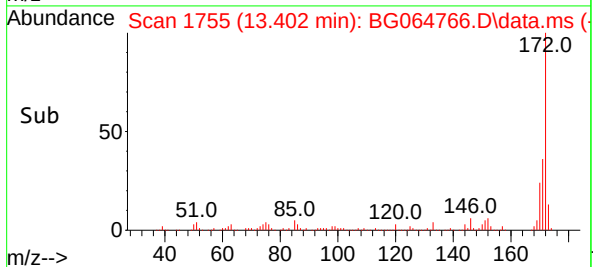
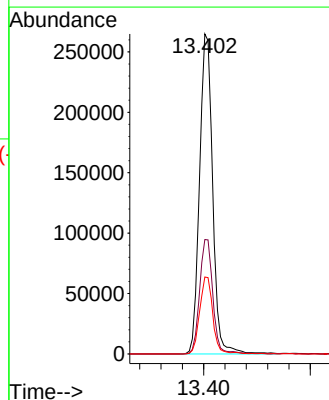
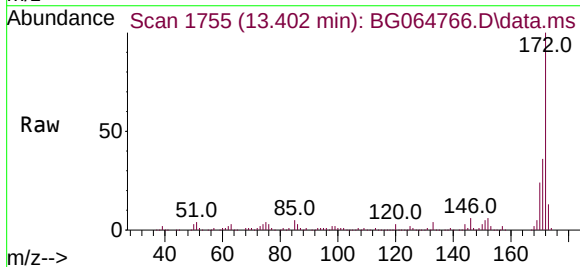
Instrument :
BNA_G
ClientSampleId :
COMP-3

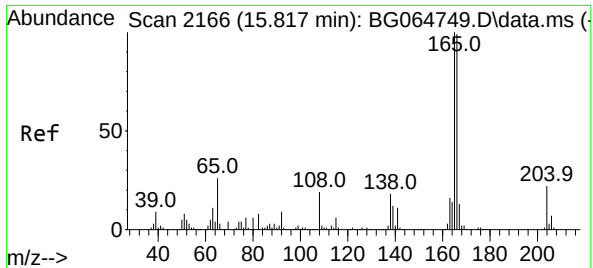
Tgt Ion	330	Resp	187987
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.0	115.6
141	22.8	18.2	27.2



#45
2-Fluorobiphenyl
Concen: 53.756 ng
RT: 13.402 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion	172	Resp	451983
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.9	44.9
170	24.0	19.8	29.6

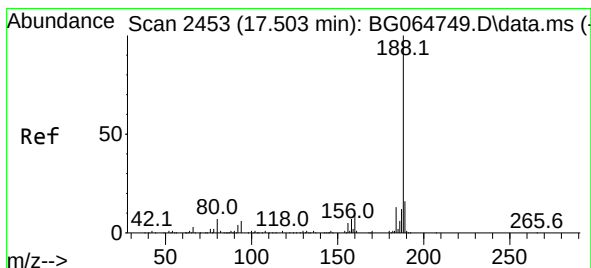
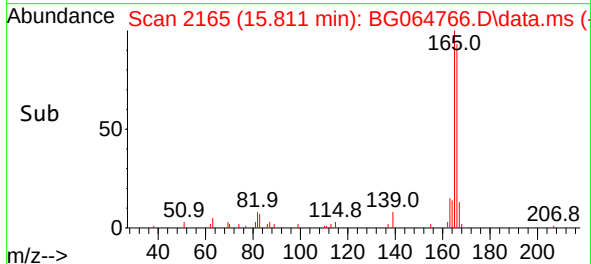
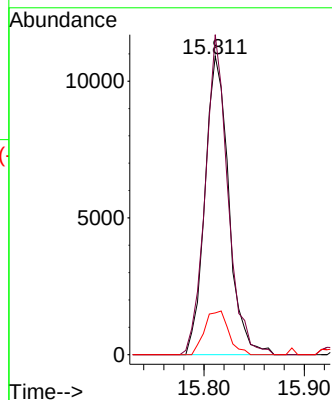
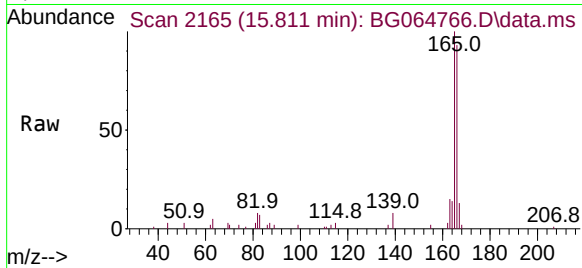




#58
Fluorene
Concen: 2.040 ng
RT: 15.811 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

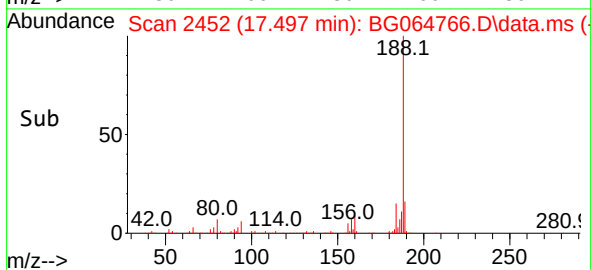
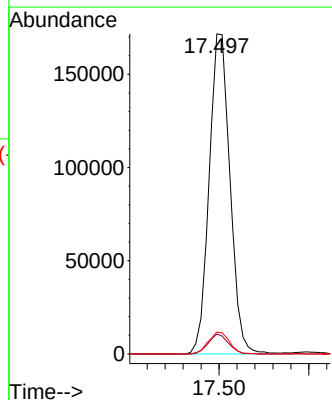
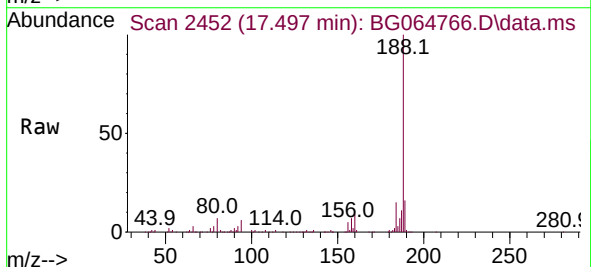
Instrument :
BNA_G
ClientSampleId :
COMP-3

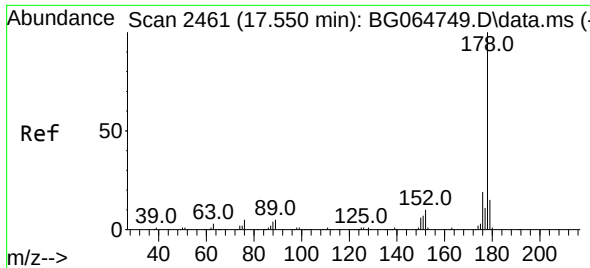
Tgt Ion:166 Resp: 17989
Ion Ratio Lower Upper
166 100
165 107.2 80.5 120.7
167 14.0 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:188 Resp: 277033
Ion Ratio Lower Upper
188 100
94 6.2 4.7 7.1
80 6.8 5.4 8.2

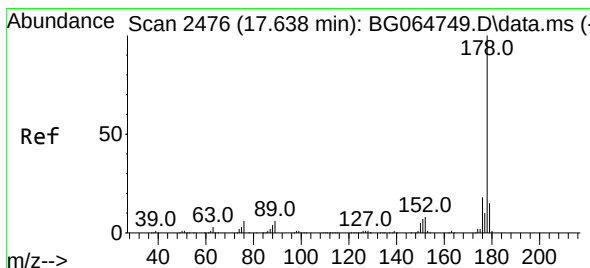
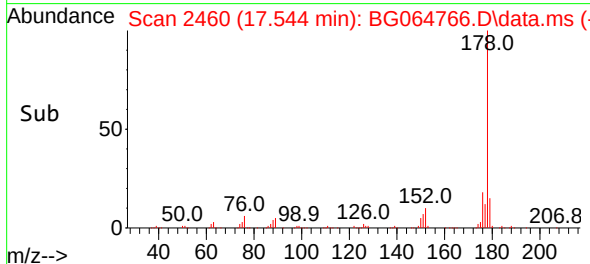
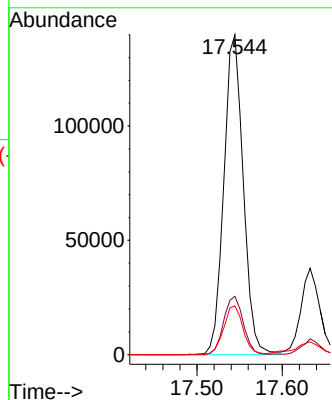
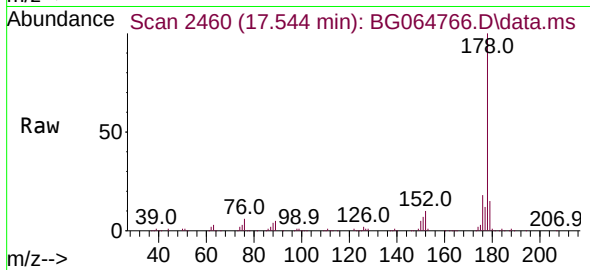




#71
Phenanthrene
Concen: 14.580 ng
RT: 17.544 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

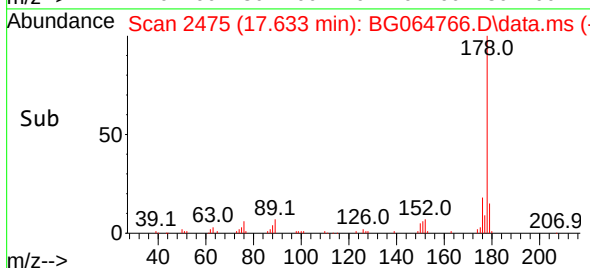
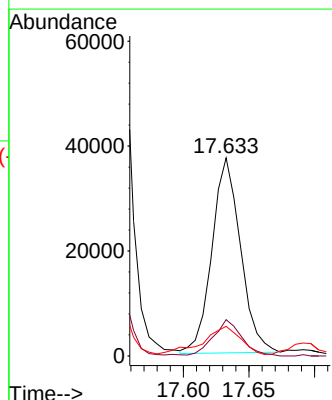
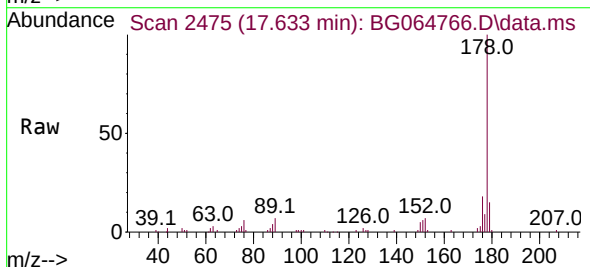
Instrument :
BNA_G
ClientSampleId :
COMP-3

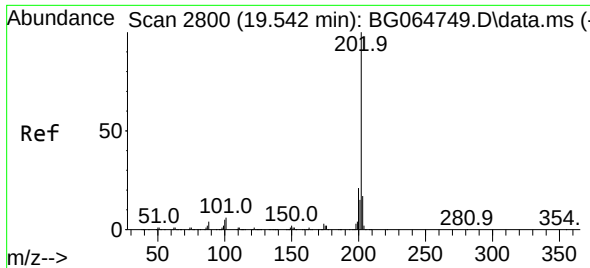
Tgt Ion:178 Resp: 220996
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.2 12.2 18.4



#72
Anthracene
Concen: 3.653 ng
RT: 17.633 min Scan# 2475
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:178 Resp: 56463
Ion Ratio Lower Upper
178 100
176 18.3 14.5 21.7
179 14.9 12.2 18.4

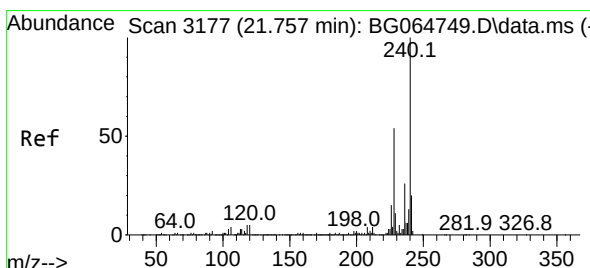
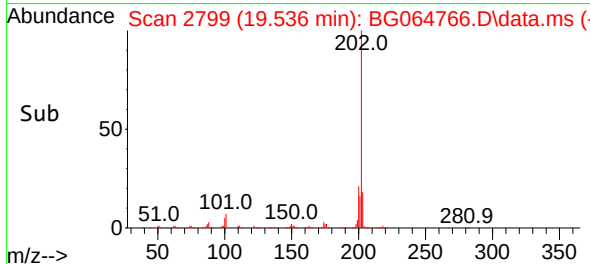
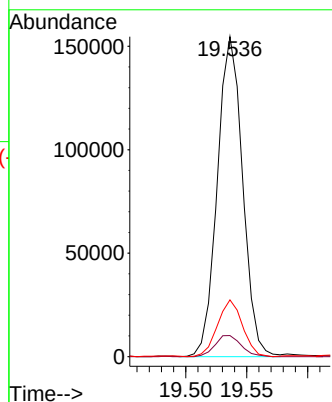
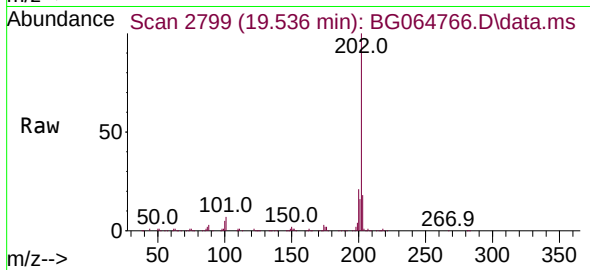




#75
Fluoranthene
Concen: 10.795 ng
RT: 19.536 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

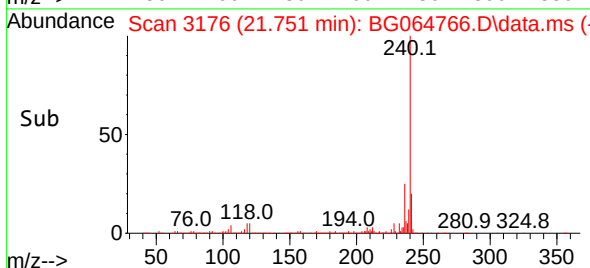
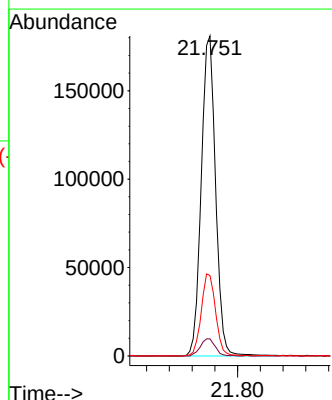
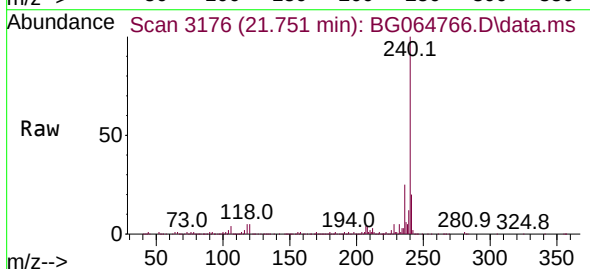
Instrument :
BNA_G
ClientSampleId :
COMP-3

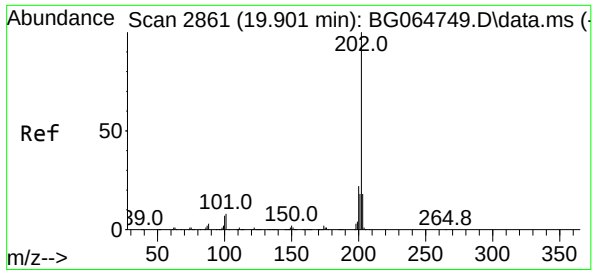
Tgt Ion:202 Resp: 223744
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.4
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:240 Resp: 316134
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.4
236 25.2 20.8 31.2

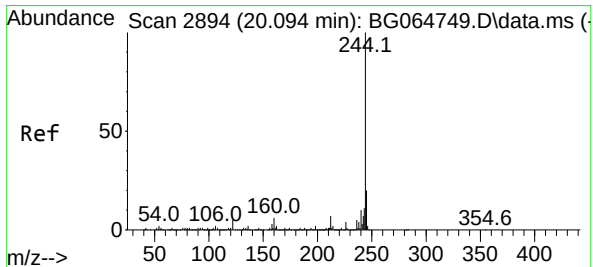
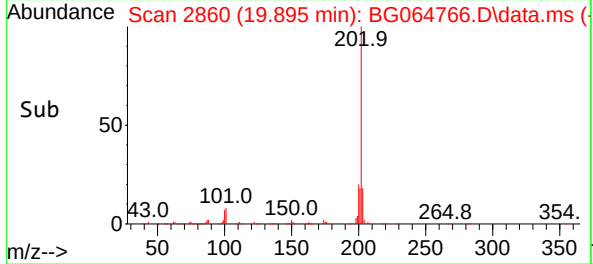
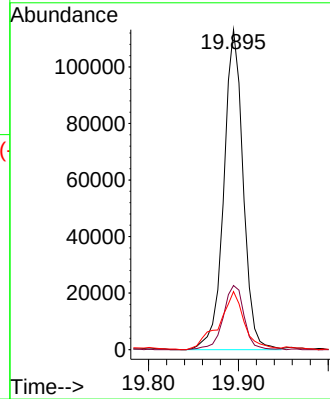
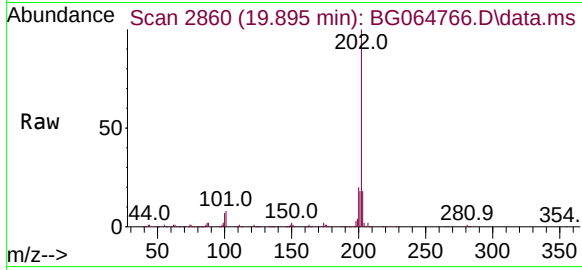




#78
Pyrene
Concen: 9.598 ng
RT: 19.895 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

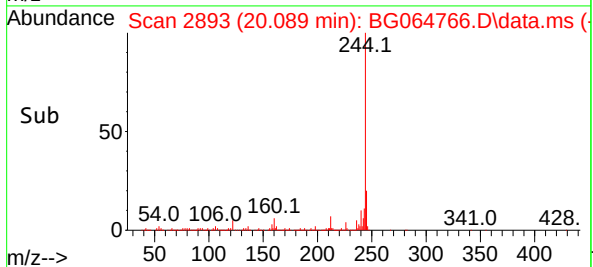
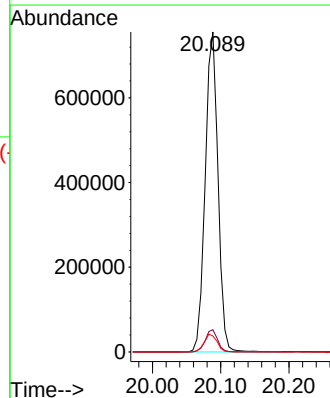
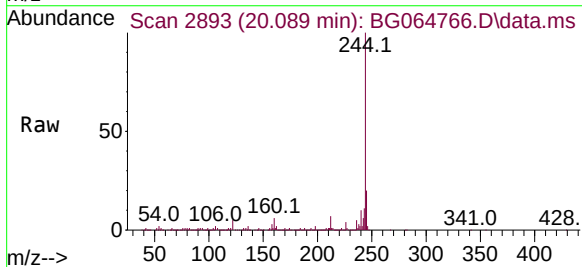
Instrument :
BNA_G
ClientSampleId :
COMP-3

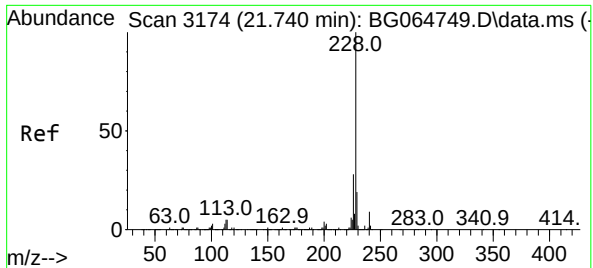
Tgt Ion:202 Resp: 170056
Ion Ratio Lower Upper
202 100
200 20.0 17.9 26.9
203 18.1 14.0 21.0



#79
Terphenyl-d14
Concen: 61.107 ng
RT: 20.089 min Scan# 2893
Delta R.T. -0.006 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:244 Resp: 982055
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 5.0 4.3 6.5

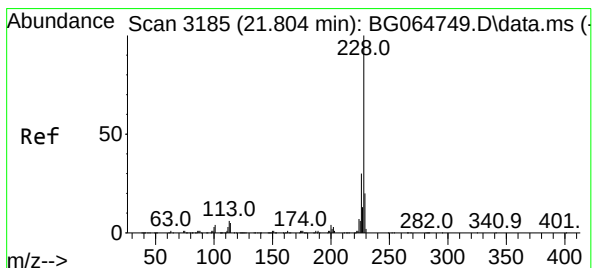
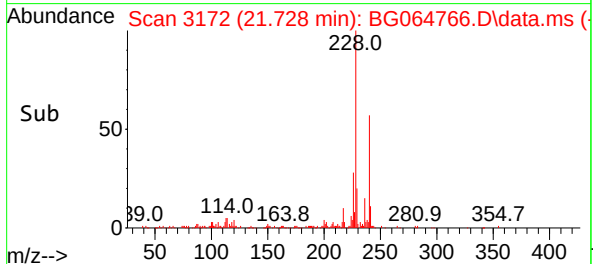
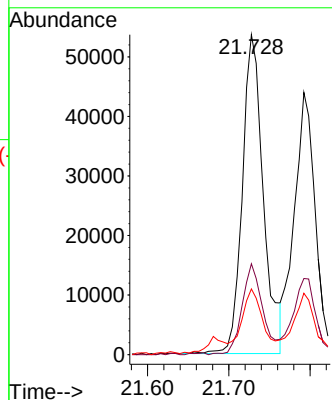
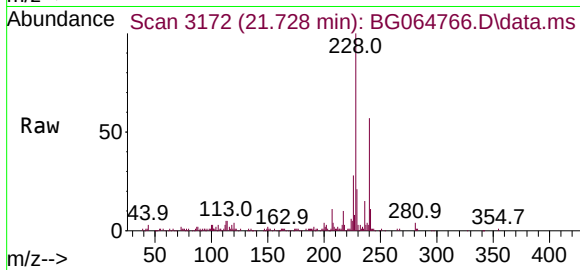




#81
Benzo(a)anthracene
Concen: 4.473 ng
RT: 21.728 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

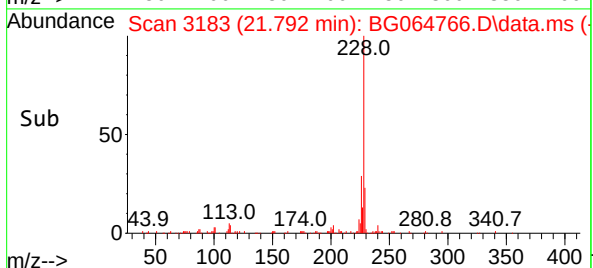
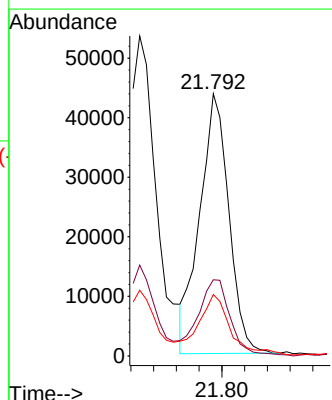
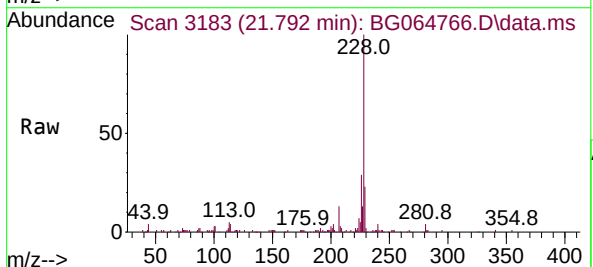
Instrument :
BNA_G
ClientSampleId :
COMP-3

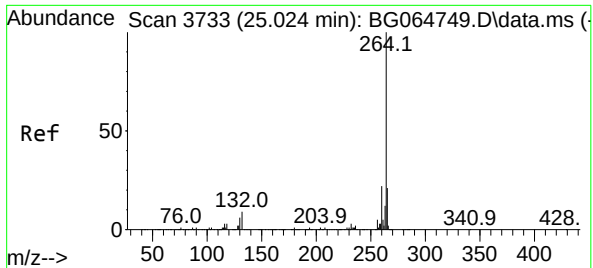
Tgt Ion:228 Resp: 96150
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 20.5 15.5 23.3



#83
Chrysene
Concen: 3.838 ng
RT: 21.792 min Scan# 3183
Delta R.T. -0.012 min
Lab File: BG064766.D
Acq: 13 Nov 2025 21:27

Tgt Ion:228 Resp: 77786
Ion Ratio Lower Upper
228 100
226 29.0 24.2 36.2
229 23.4 16.0 24.0

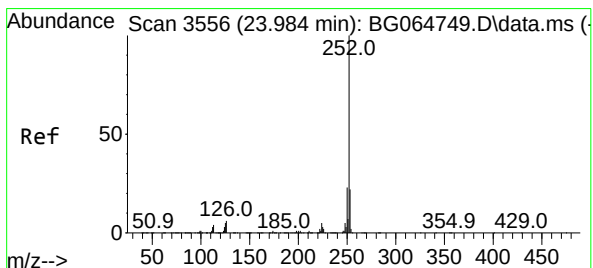
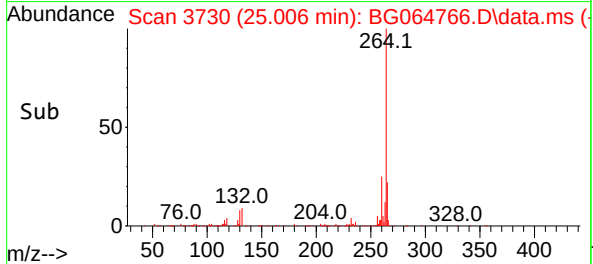
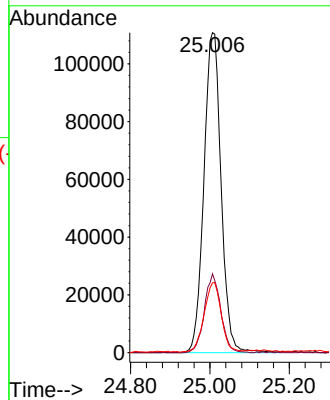
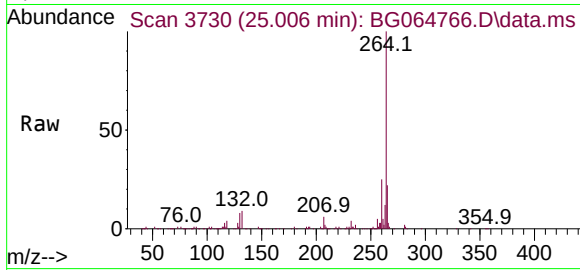




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG064766.D
 Acq: 13 Nov 2025 21:27

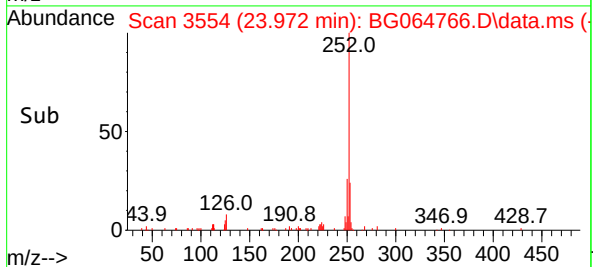
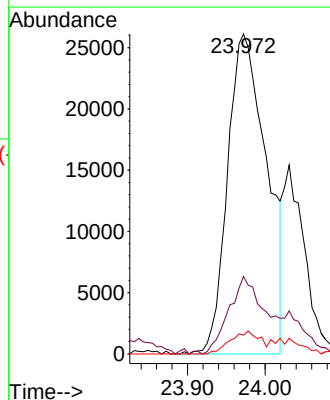
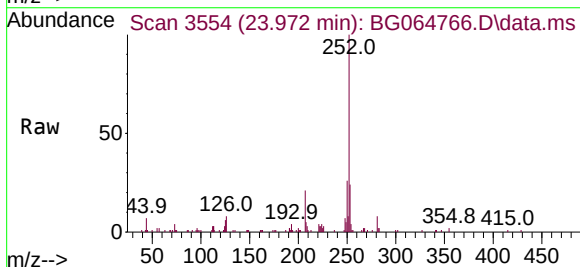
Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

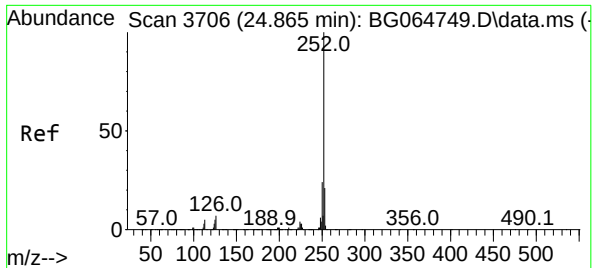
Tgt Ion:264 Resp: 333844
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.2 25.8
 265 21.8 16.6 25.0



#88
 Benzo(b)fluoranthene
 Concen: 4.302 ng
 RT: 23.972 min Scan# 3554
 Delta R.T. -0.012 min
 Lab File: BG064766.D
 Acq: 13 Nov 2025 21:27

Tgt Ion:252 Resp: 91404
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.4 26.2
 125 5.9 4.2 6.2





#90

Benzo(a)pyrene

Concen: 3.047 ng

RT: 24.848 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG064766.D

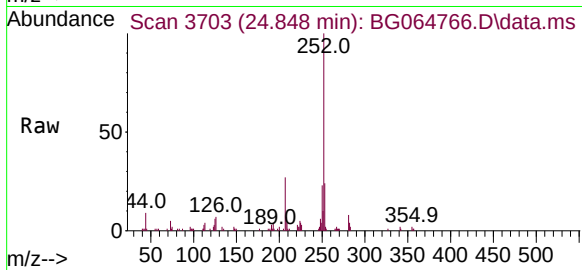
Acq: 13 Nov 2025 21:27

Instrument :

BNA_G

ClientSampleId :

COMP-3



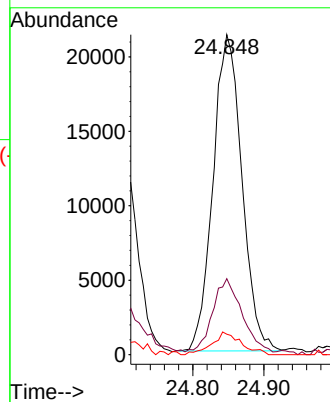
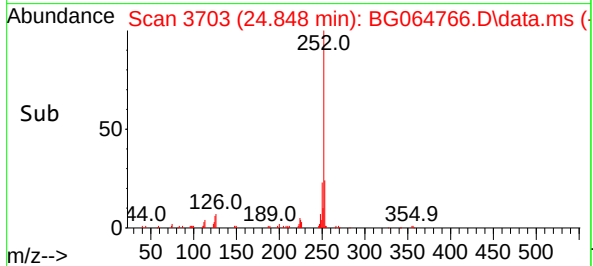
Tgt Ion:252 Resp: 60047

Ion Ratio Lower Upper

252 100

253 23.7 16.9 25.3

125 6.4 4.2 6.4#





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: POWE02Lab Code: ACESDG No.: Q3614Instrument ID: BNA_GCalibration Date(s): 11/12/2025 11/12/2025Calibration Time(s): 11:17 16:04

LAB FILE ID:		RRF2.5 = BG064745.D		RRF005 = BG064746.D		RRF010 = BG064747.D			
		RRF020 = BG064748.D		RRF040 = BG064749.D		RRF050 = BG064750.D			
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD	
2-Fluorophenol		1.084	1.128	1.165	1.170	1.181	1.145	2.9	
Phenol-d6		1.388	1.466	1.539	1.580	1.616	1.523	5.0	
Nitrobenzene-d5		0.371	0.378	0.410	0.414	0.416	0.405	5.5	
Naphthalene		1.076	1.163	1.170	1.141	1.123	1.134	2.8	
2-Fluorobiphenyl		1.403	1.445	1.509	1.420	1.400	1.433	2.6	
Fluorene		1.481	1.569	1.595	1.471	1.462	1.503	3.6	
2,4,6-Tribromophenol		0.346	0.384	0.410	0.386	0.398	0.390	5.5	
Phenanthrene		1.075	1.118	1.123	1.099	1.081	1.094	1.8	
Anthracene		1.098	1.122	1.152	1.113	1.099	1.116	1.6	
Pyrene		1.076	1.089	1.145	1.111	1.164	1.121	2.8	
Terphenyl-d14		1.018	1.028	1.060	1.012	1.040	1.017	3.0	
Benzo (a) anthracene		1.338	1.371	1.395	1.379	1.357	1.360	1.7	
Chrysene		1.266	1.292	1.301	1.309	1.267	1.282	1.4	
Benzo (b) fluoranthene		1.190	1.250	1.299	1.291	1.279	1.273	3.2	
Benzo (a) pyrene		1.131	1.176	1.197	1.191	1.182	1.181	2.0	
Indeno (1,2,3-cd) pyrene		1.262	1.324	1.388	1.399	1.404	1.374	4.4	
Benzo (g,h,i) perylene		1.000	1.044	1.091	1.105	1.108	1.083	4.2	

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

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

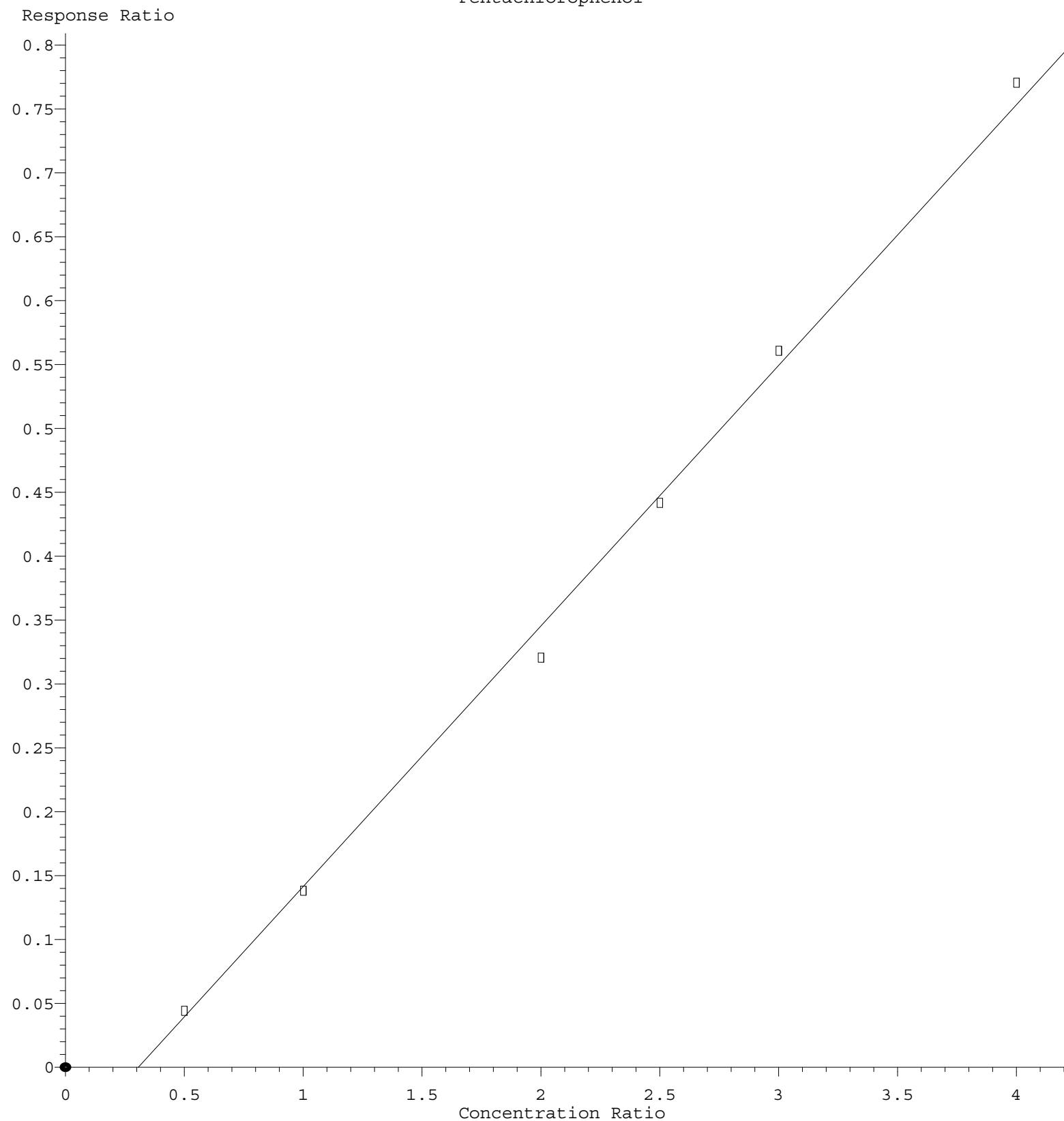
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.756	0.746	0.811	0.782	0.759	0.789	0.806	0.778	3.25	
41) P	Hexachlorocycl...	0.478	0.547	0.560	0.557	0.592	0.612	0.558		8.28	
42) S	2,4,6-Tribromo...	0.346	0.384	0.410	0.386	0.398	0.403	0.404	0.390	5.53	
43) C	2,4,6-Trichlor...	0.386	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

Pentachlorophenol



$$\text{Response} = 2.040\text{e-}001 * \text{Amt} - 6.265\text{e-}002$$

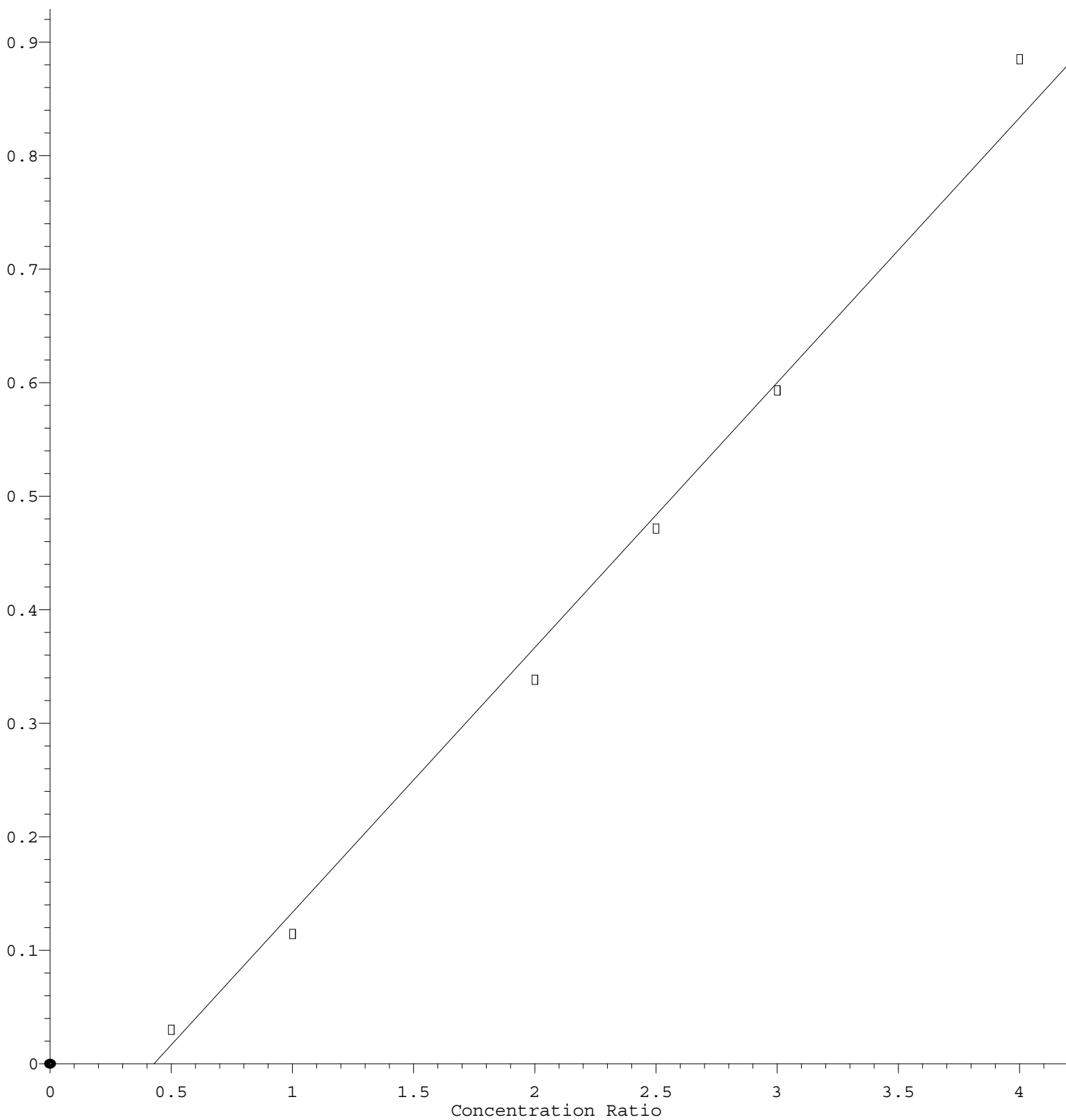
Coef of Det (r^2) = 0.997613 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG111225.M

Calibration Table Last Updated: Wed Nov 12 17:10:56 2025

2,4-Dinitrophenol

Response Ratio



$$\text{Response} = 2.333\text{e-}001 * \text{Amt} - 1.001\text{e-}001$$

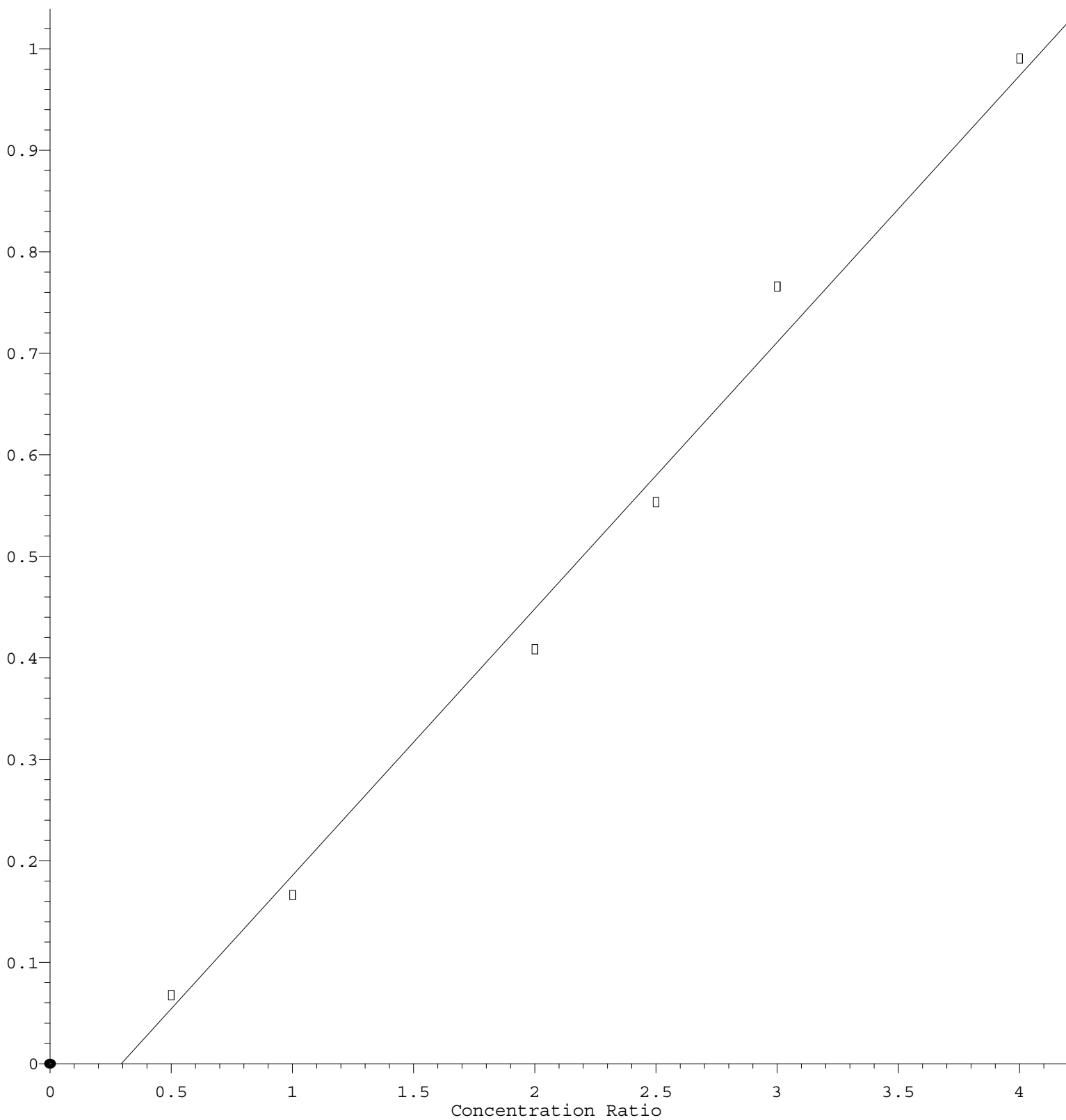
Coef of Det (r^2) = 0.993193 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG111225.M

Calibration Table Last Updated: Wed Nov 12 17:10:56 2025

Benzoic acid

Response Ratio



$$\text{Response} = 2.627\text{e-}001 * \text{Amt} - 7.726\text{e-}002$$

Coef of Det (r^2) = 0.991680 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA G\Methods\8270-BG111225.M

Calibration Table Last Updated: Wed Nov 12 17:10:56 2025

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)

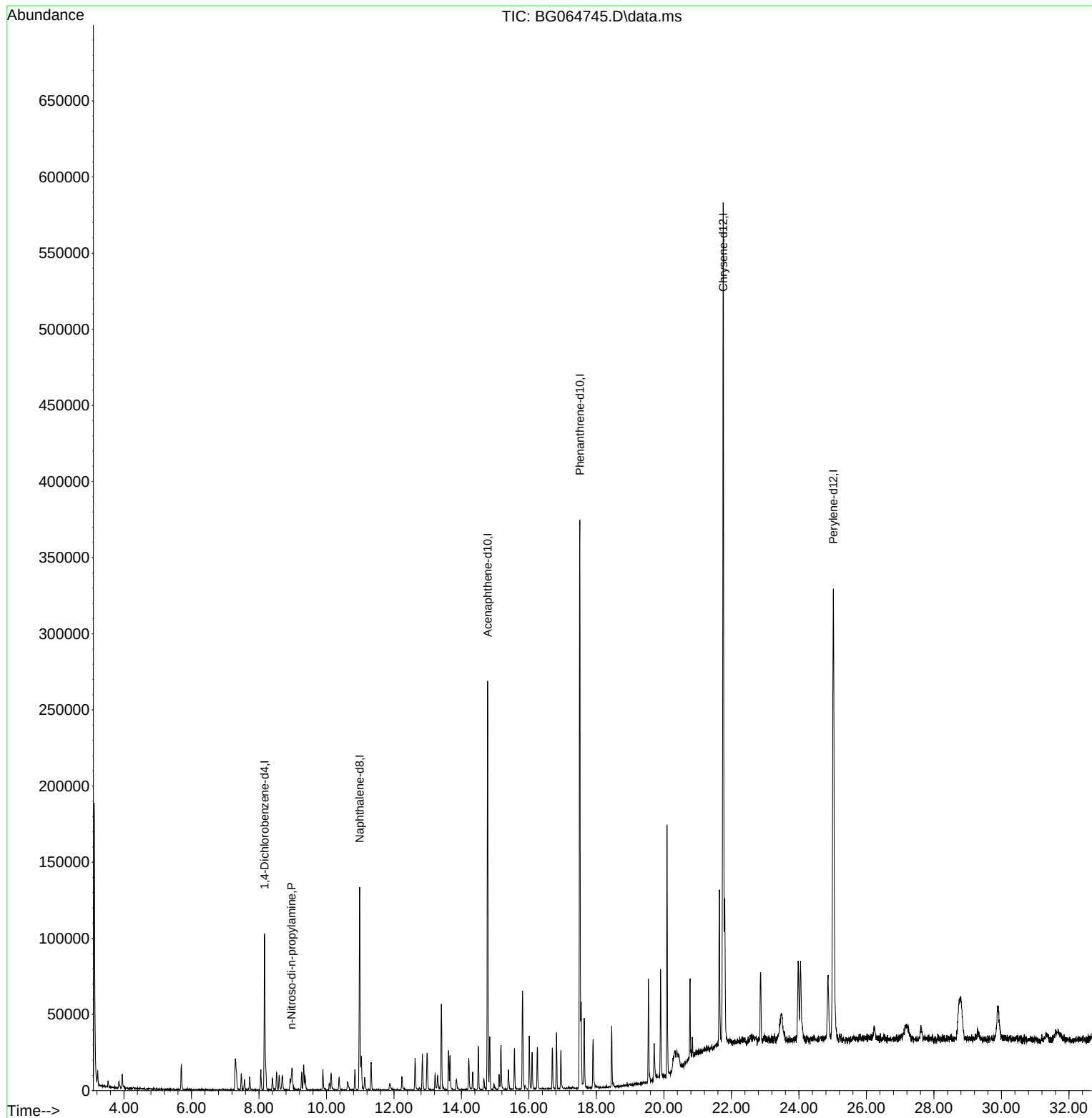
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	30283	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	120993	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	104200	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	264137	20.000	ng	0.00
76) Chrysene-d12	21.754	240	384466	20.000	ng	0.00
86) Perylene-d12	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						Qvalue
19) n-Nitroso-di-n-propyla...	8.963	70	3497	2.242	ng	# 86

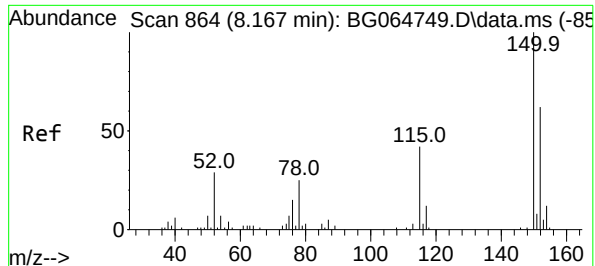
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

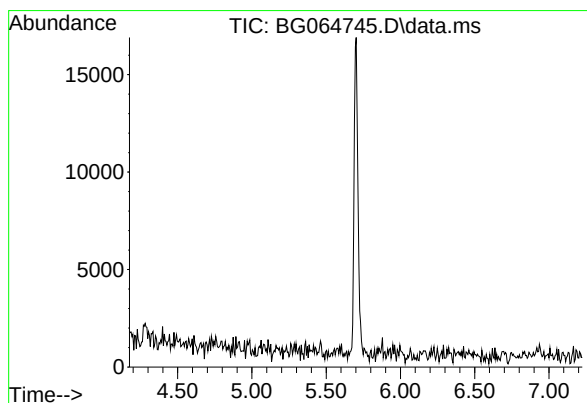
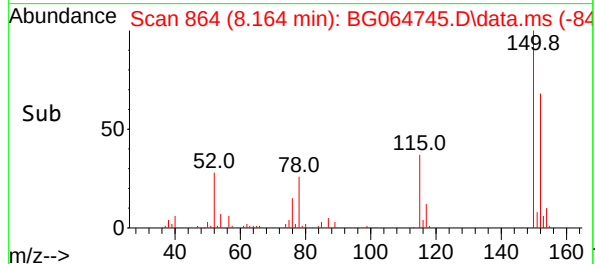
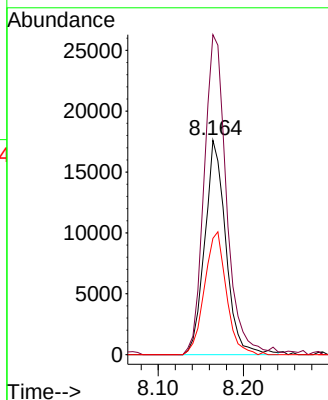
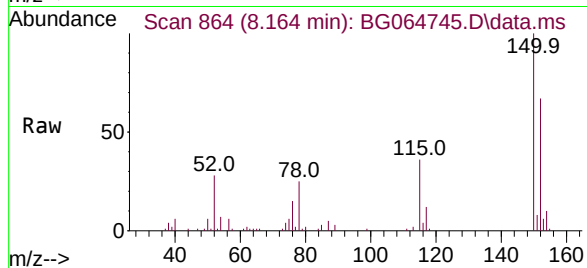




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

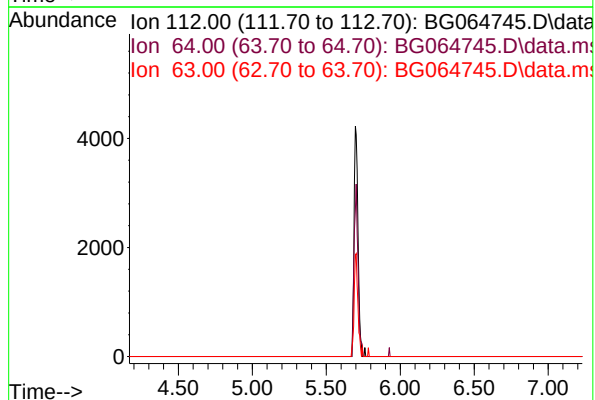
Tgt Ion:152 Resp: 30283
Ion Ratio Lower Upper
152 100
150 149.3 129.2 193.8
115 54.3 53.7 80.5

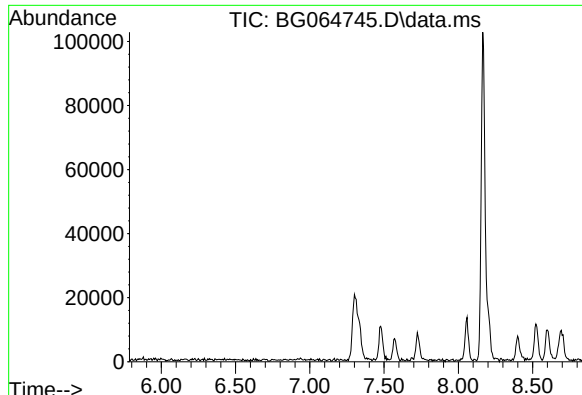


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.70 min

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

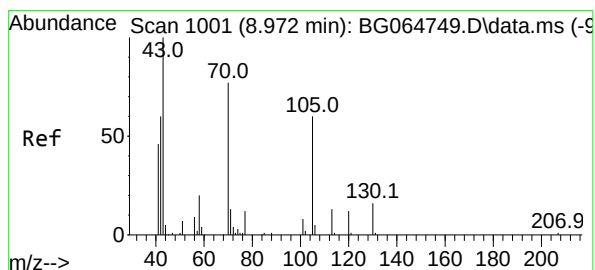
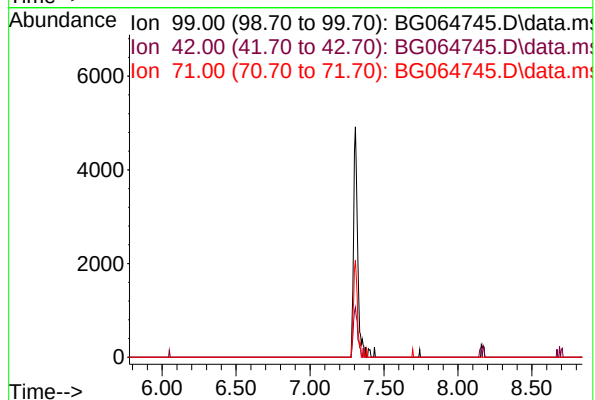
Tgt Ion: 99

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

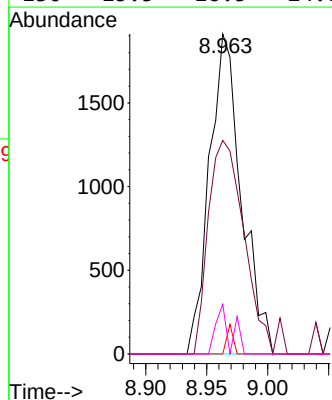
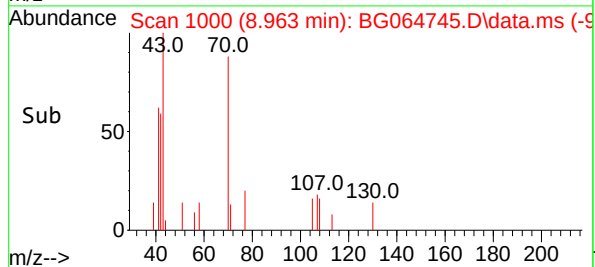
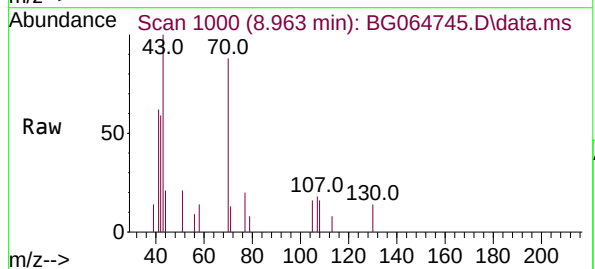
Ion Ratio Lower Upper

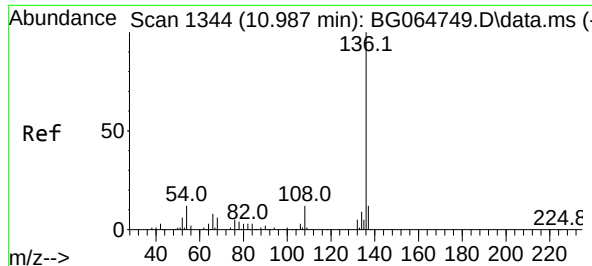
70 100

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

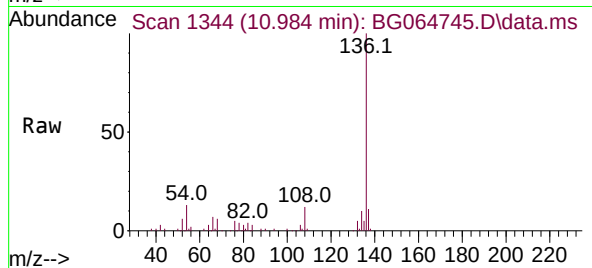
Acq: 12 Nov 2025 11:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 120993

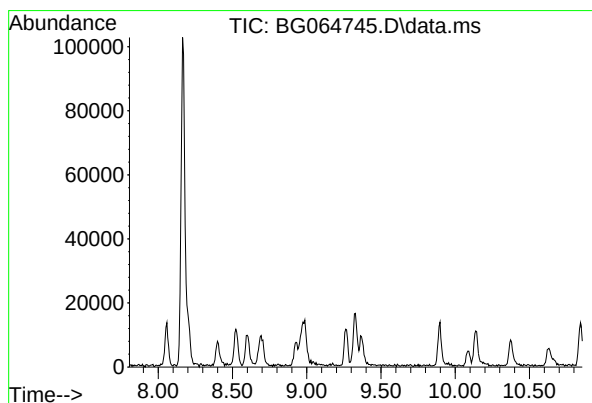
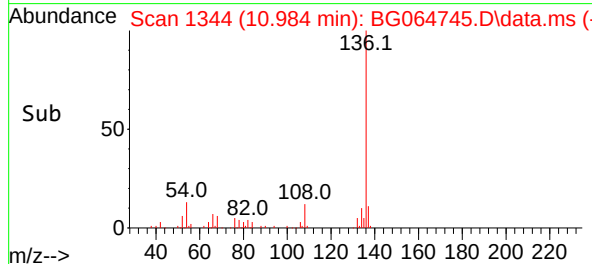
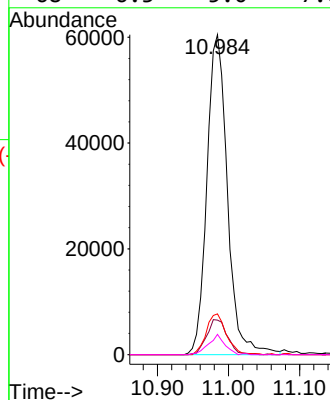
Ion Ratio Lower Upper

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

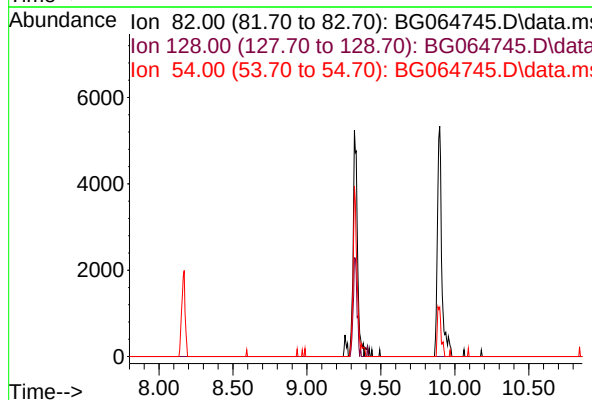
Tgt Ion: 82

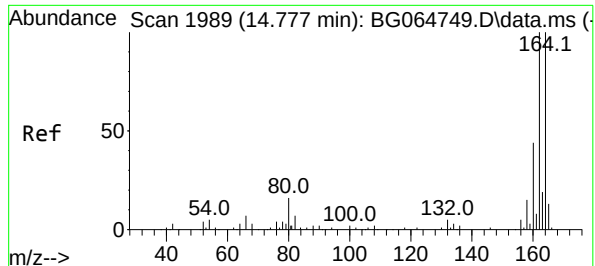
Sig Exp Ratio

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

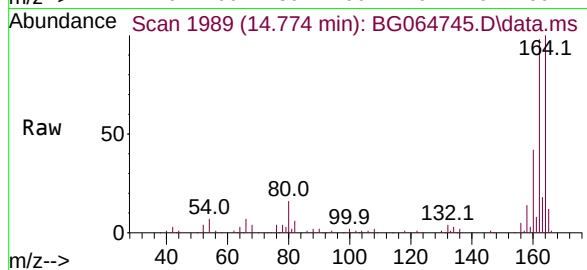
Acq: 12 Nov 2025 11:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



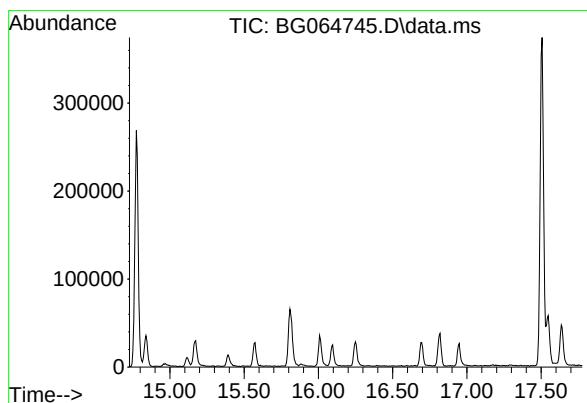
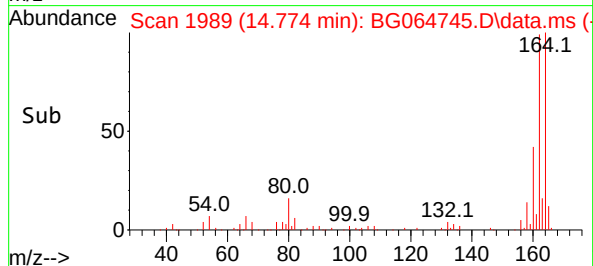
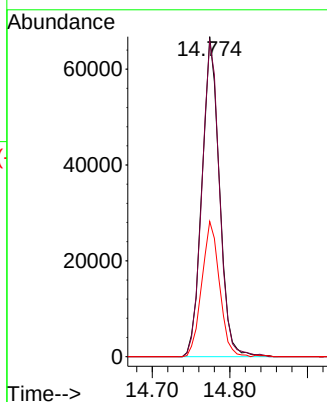
Tgt Ion:164 Resp: 104200

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

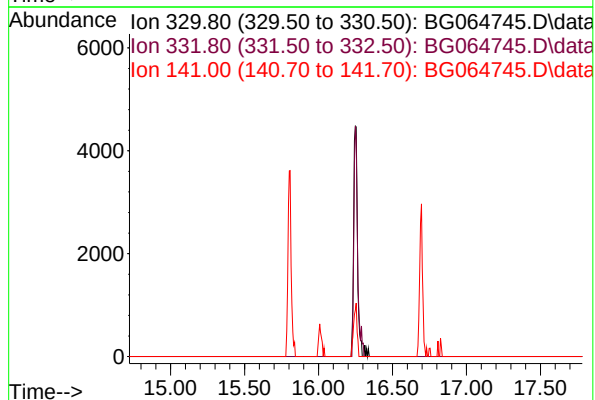
Tgt Ion: 330

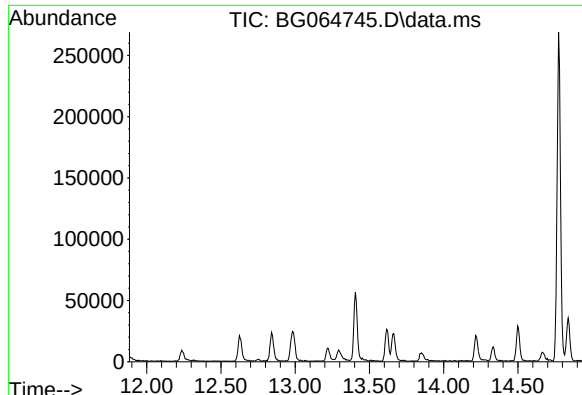
Sig Exp Ratio

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

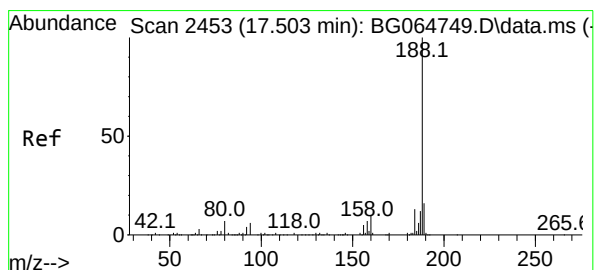
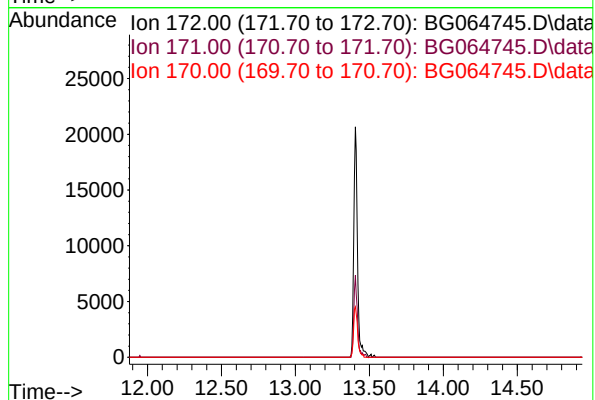
Tgt Ion: 172

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

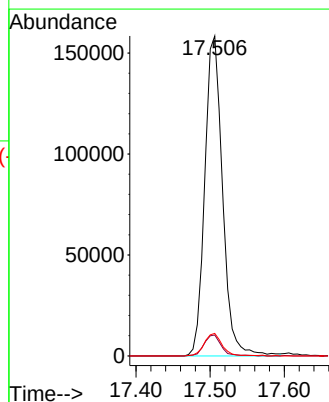
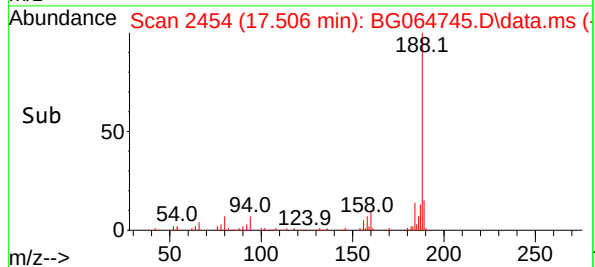
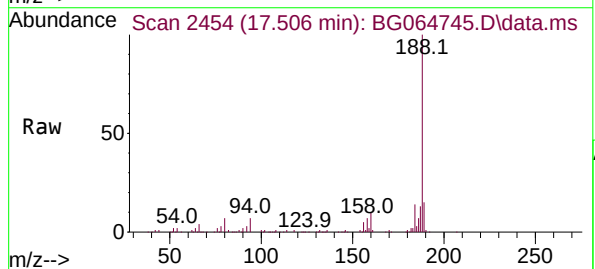
Tgt Ion:188 Resp: 264137

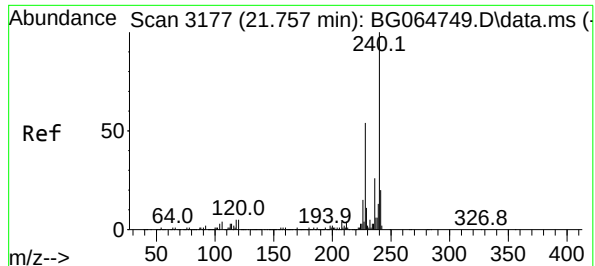
Ion Ratio Lower Upper

188 100

94 6.5 4.7 7.1

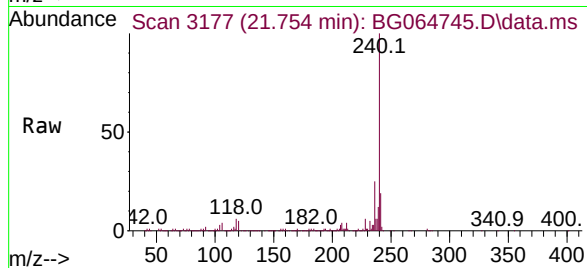
80 7.0 5.4 8.2



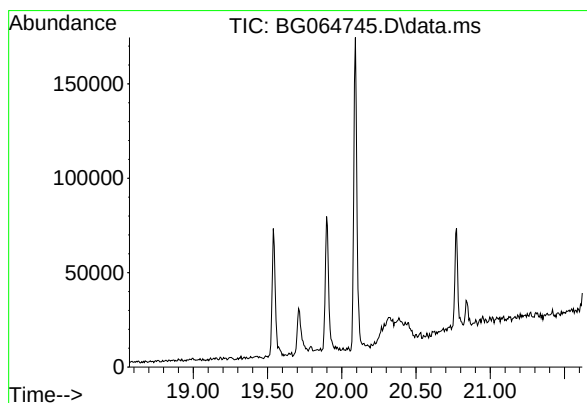
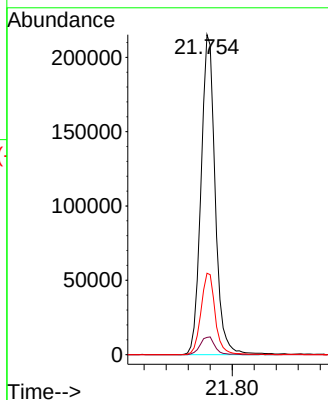
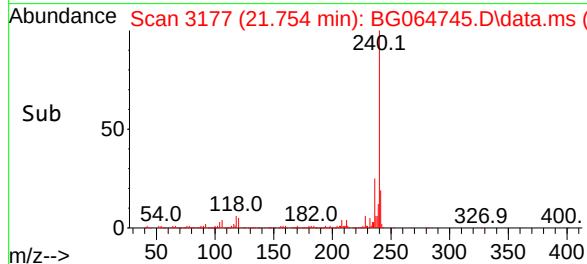


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG064745.D
Acq: 12 Nov 2025 11:17

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



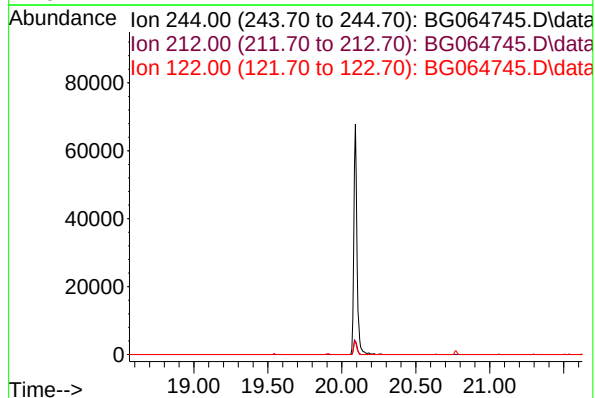
Tgt Ion: 240 Resp: 384466
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.4
236 25.4 20.8 31.2

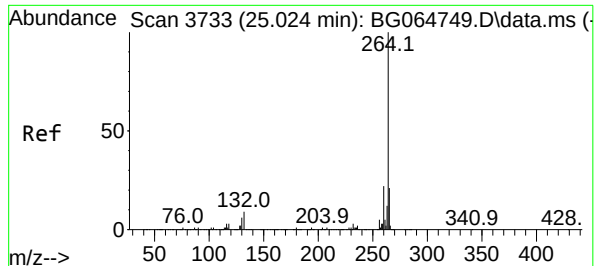


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.09 min

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

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





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.021 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG064745.D

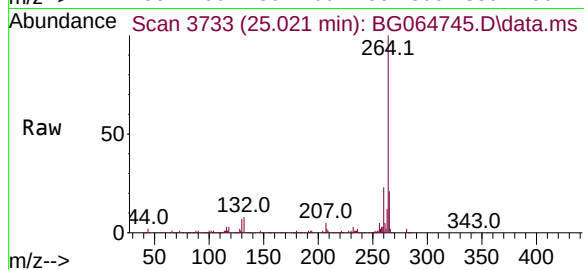
Acq: 12 Nov 2025 11:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



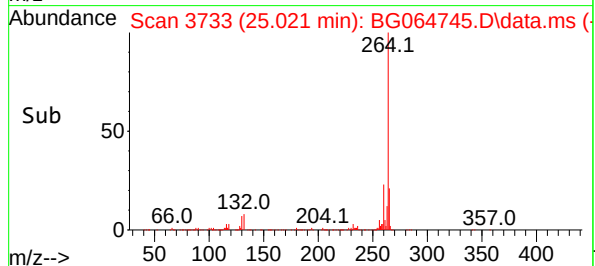
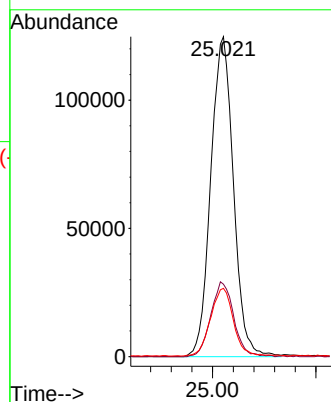
Tgt Ion:264 Resp: 379930

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

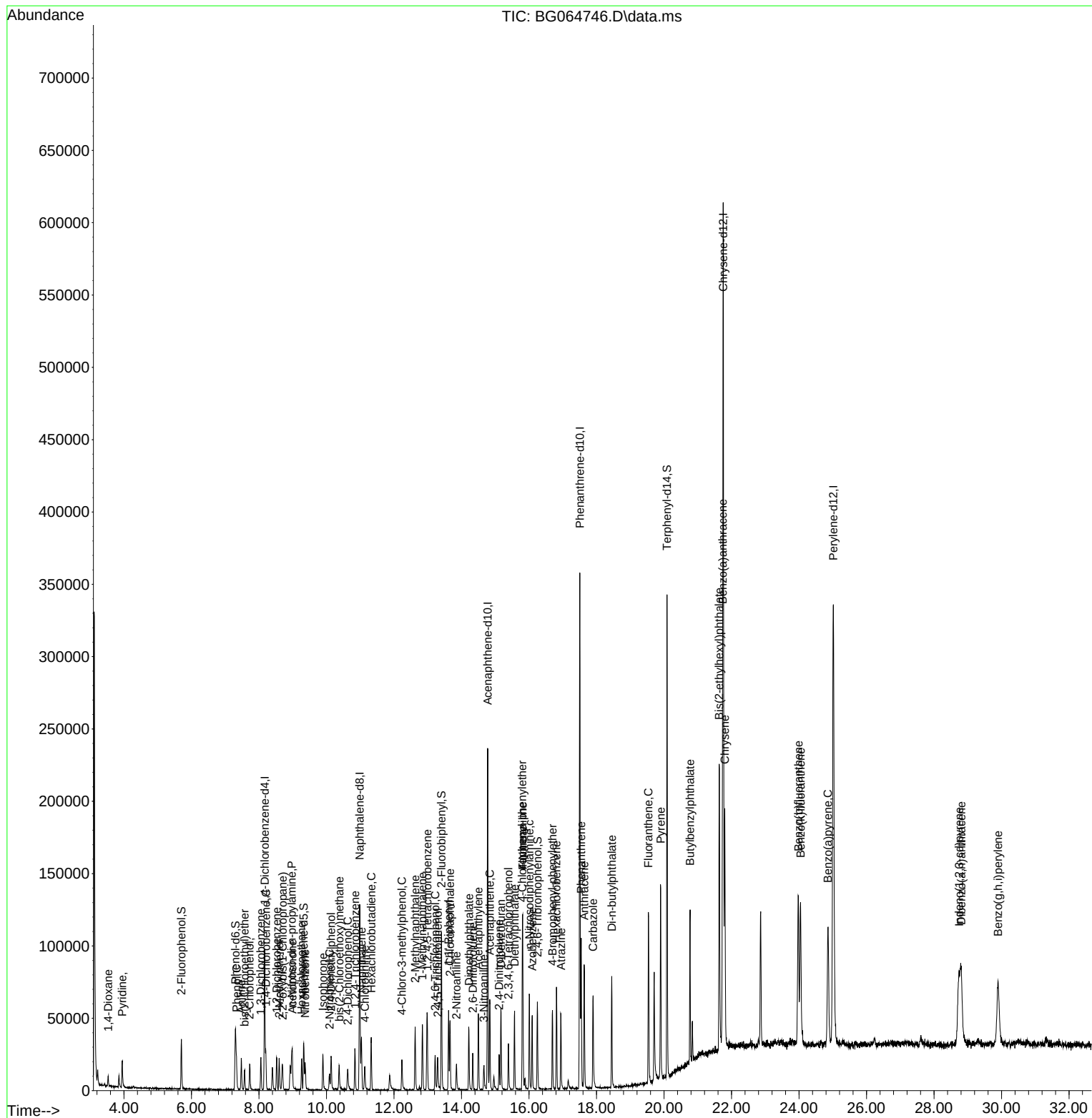
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.838	154	24706	4.625	ng	97
53) 3-Nitroaniline	14.662	138	5697	4.121	ng	88
55) Dibenzofuran	15.173	168	43714	4.950	ng	93
57) 2,4-Dinitrotoluene	15.114	165	8655	4.121	ng #	94
58) Fluorene	15.813	166	34116	4.926	ng	99
59) 2,3,4,6-Tetrachlorophenol	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

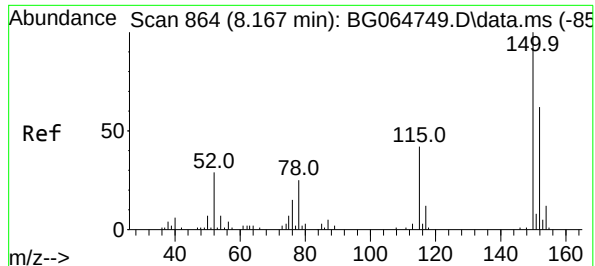
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

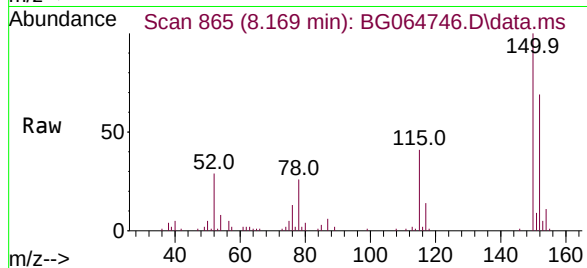
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





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

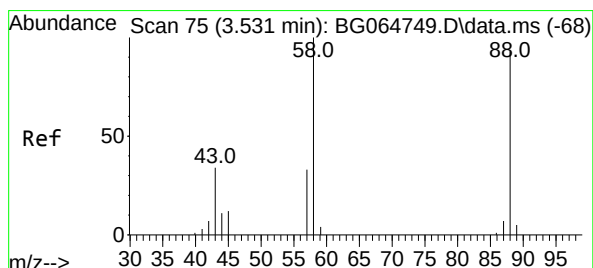
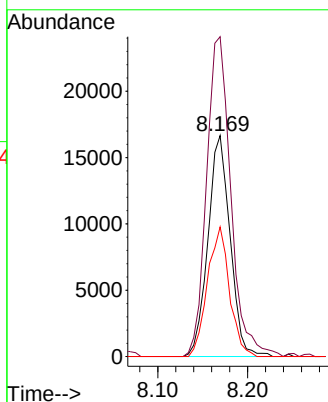
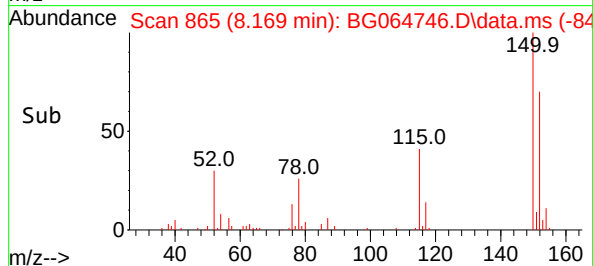
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

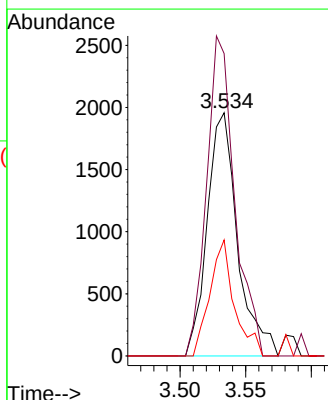
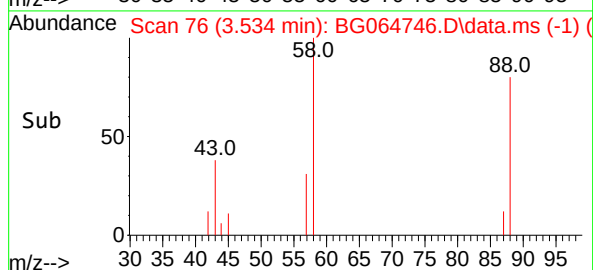
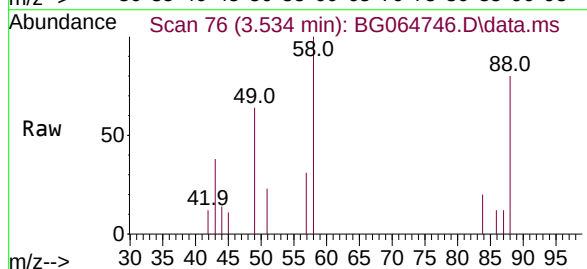
Manual Integrations
APPROVED

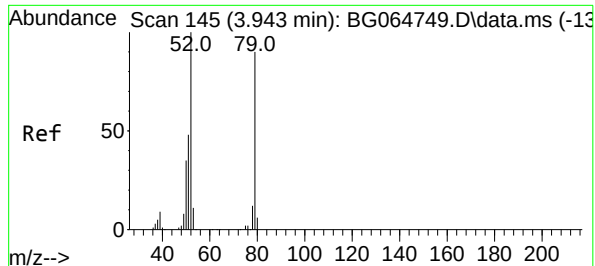
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

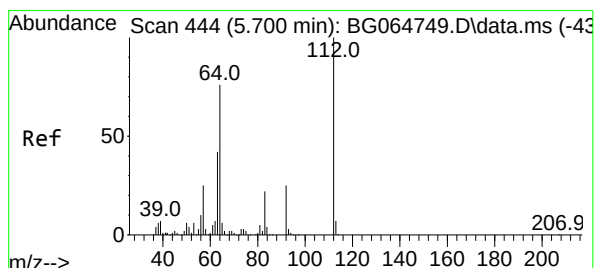
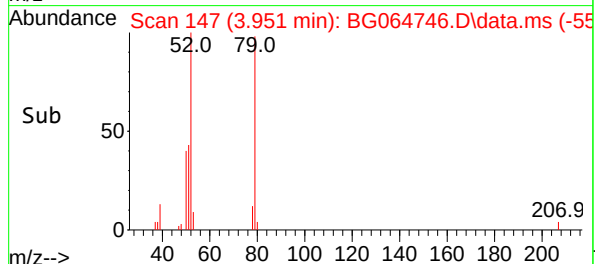
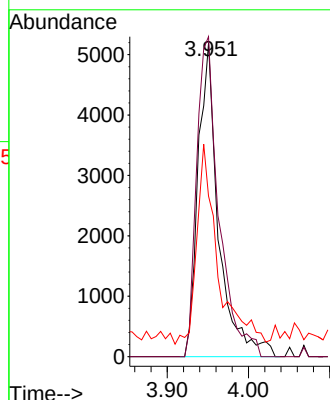
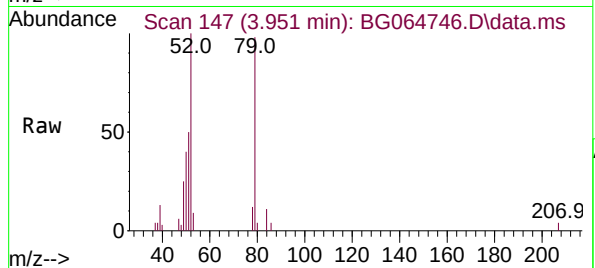
SSTDICC005

Tgt Ion:	79	Resp:	9078
Ion	Ratio	Lower	Upper
79	100		
52	102.1	89.0	133.4
51	51.3	43.4	65.0

Manual Integrations

APPROVED

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



#5

2-Fluorophenol

Concen: 9.462 ng

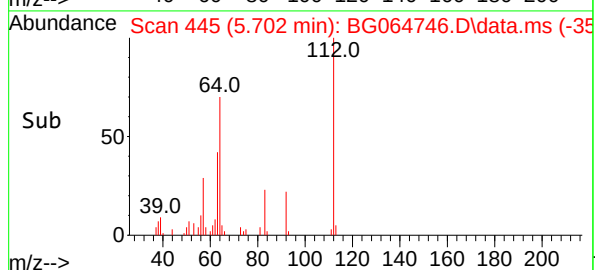
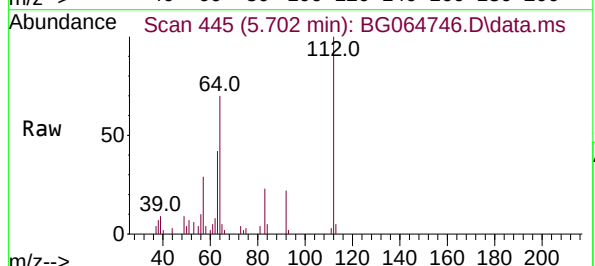
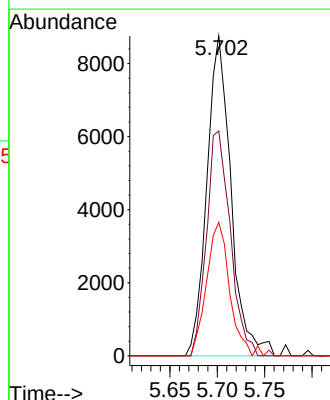
RT: 5.702 min Scan# 445

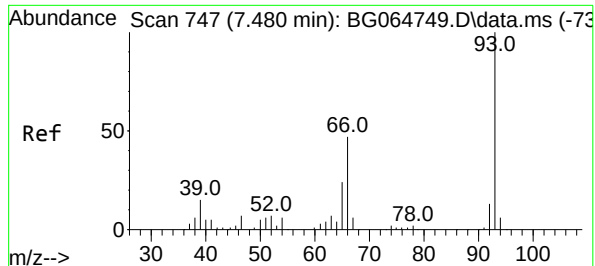
Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Tgt Ion:	112	Resp:	15503
Ion	Ratio	Lower	Upper
112	100		
64	70.3	61.0	91.4
63	41.7	33.3	49.9





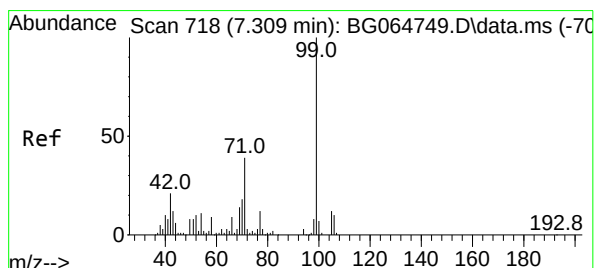
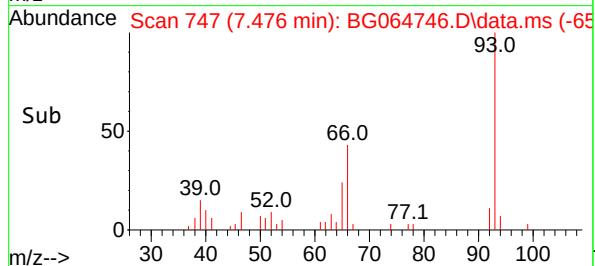
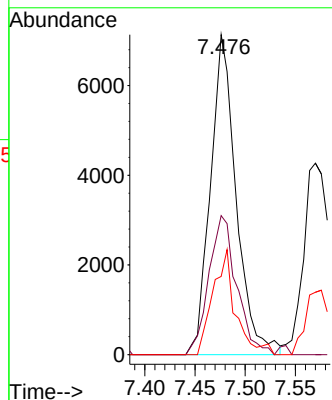
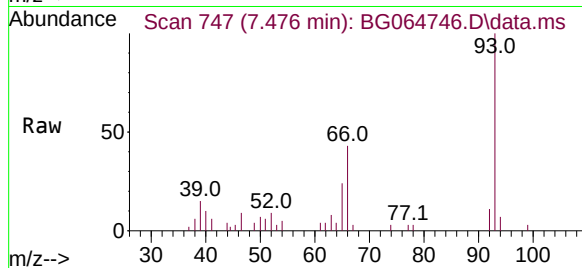
#6
Aniline
Concen: 4.390 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

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

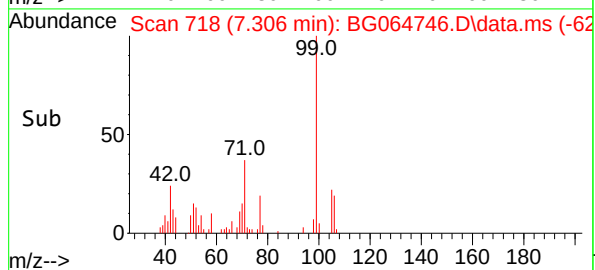
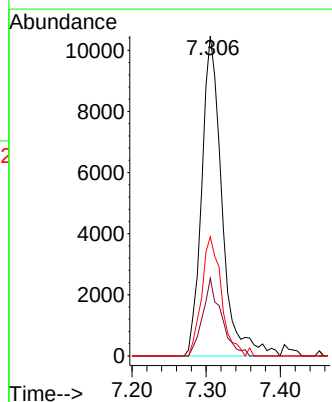
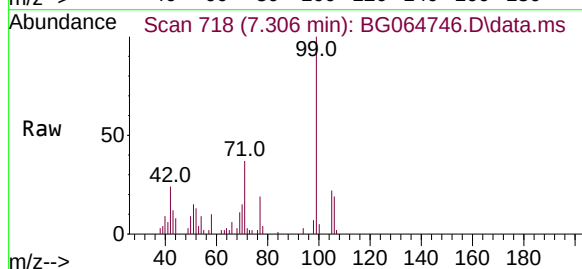
Manual Integrations
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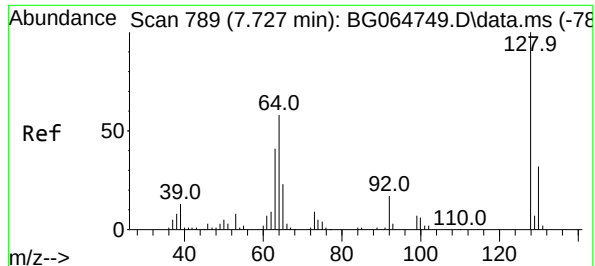
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

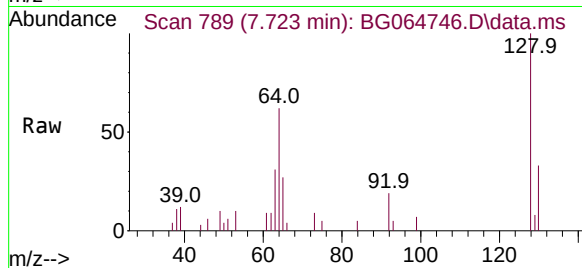
Tgt Ion: 99 Resp: 19854
Ion Ratio Lower Upper
99 100
42 24.2 16.8 25.2
71 37.2 31.1 46.7





#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

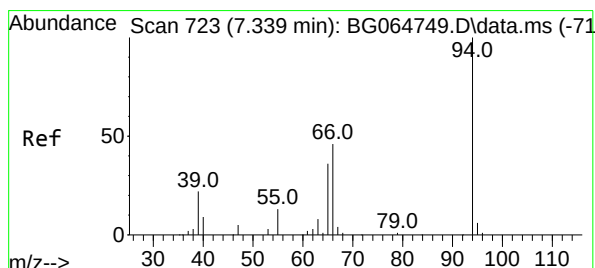
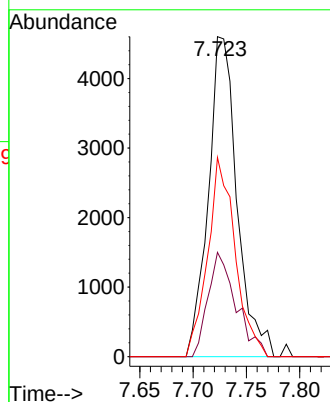
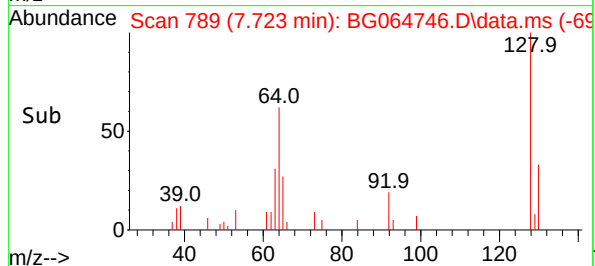
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

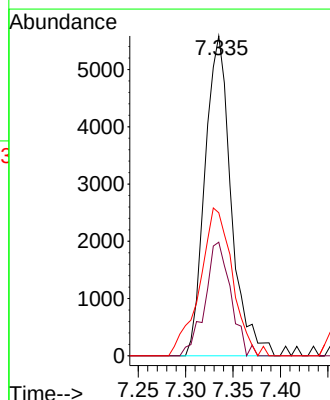
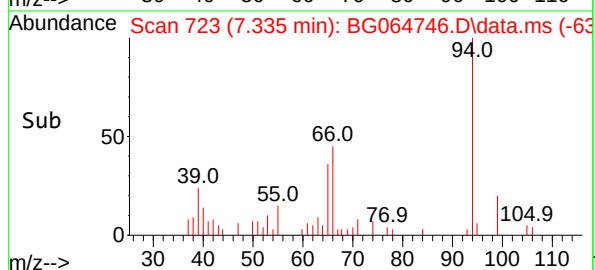
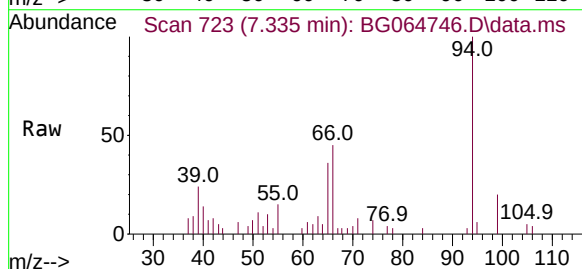
Manual Integrations
APPROVED

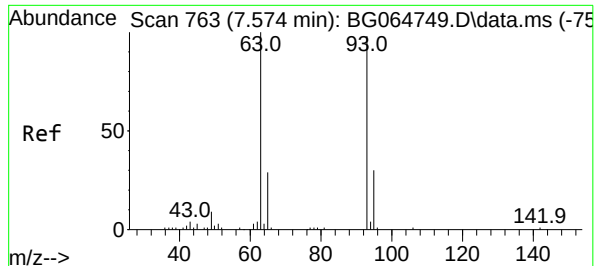
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

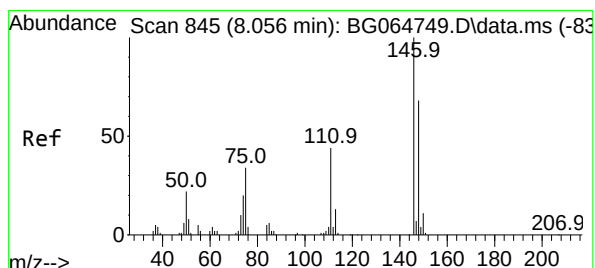
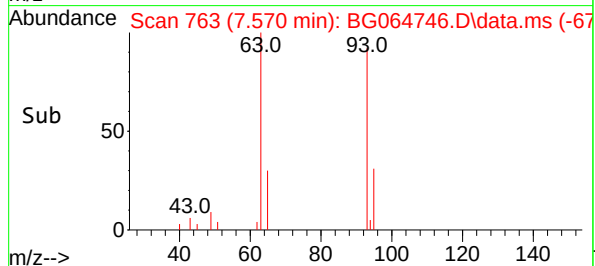
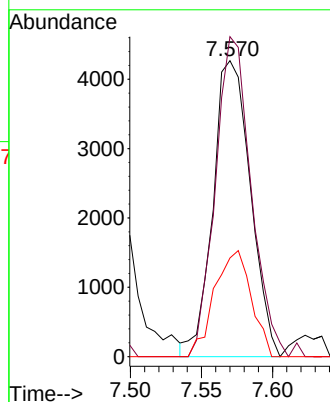
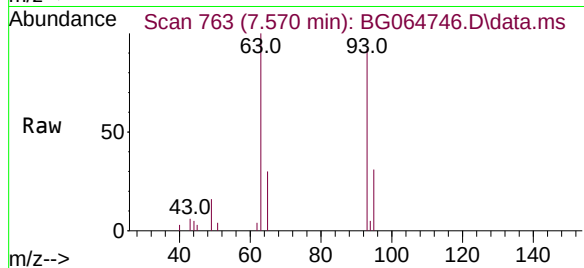
SSTDICC005

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



#12

1,3-Dichlorobenzene

Concen: 4.872 ng m

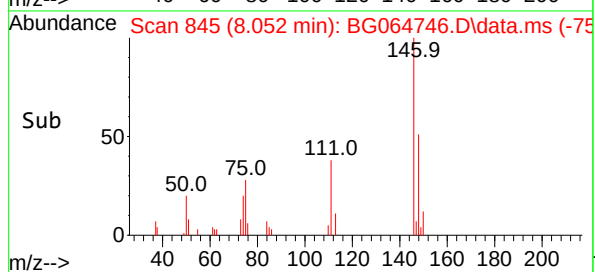
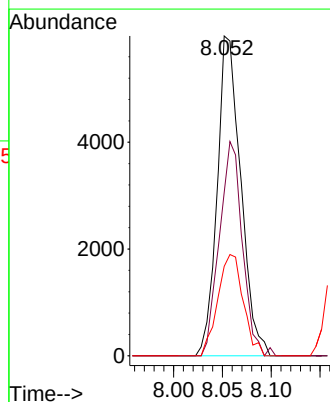
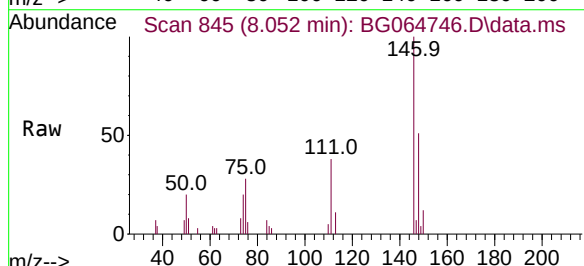
RT: 8.052 min Scan# 845

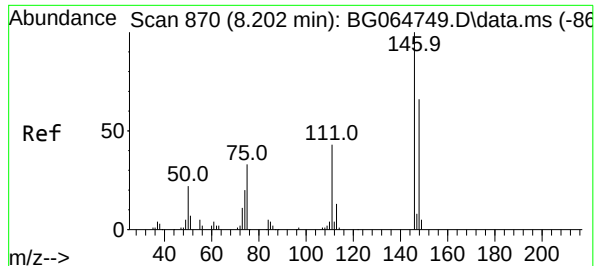
Delta R.T. -0.004 min

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# 870

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

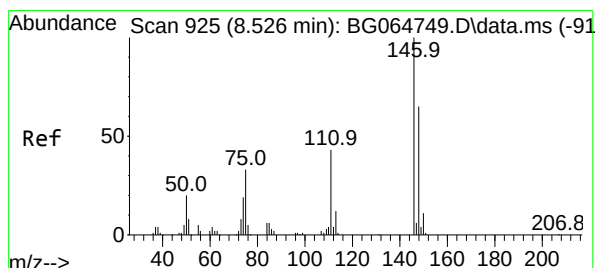
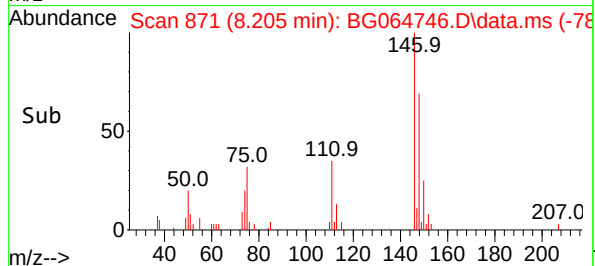
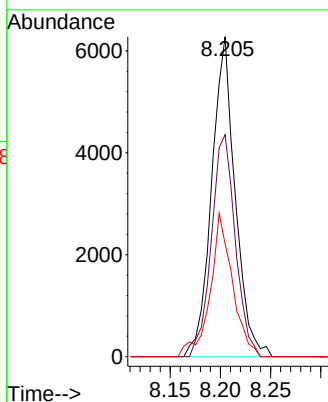
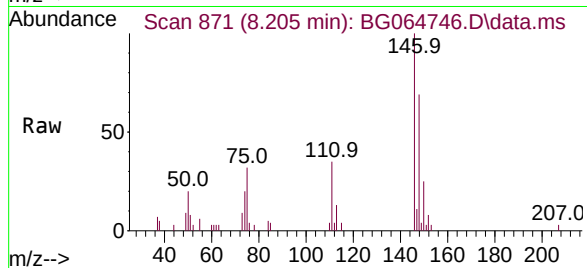
111 35.2 34.1 51.1

Manual Integrations

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Reviewed 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

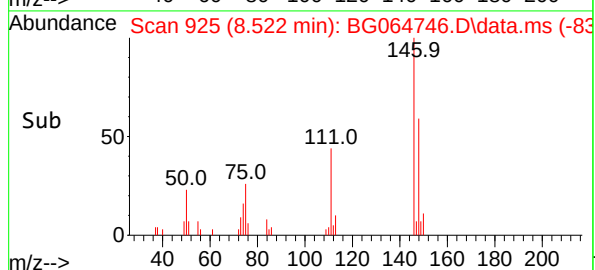
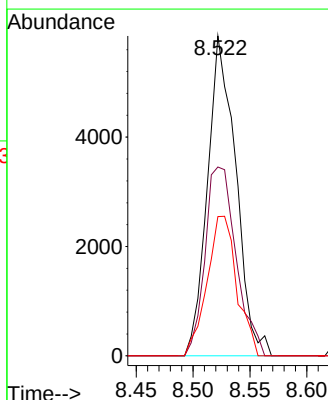
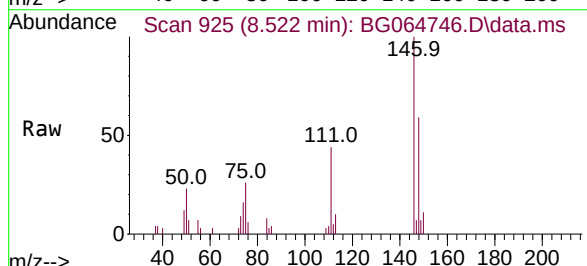
Tgt Ion:146 Resp: 10131

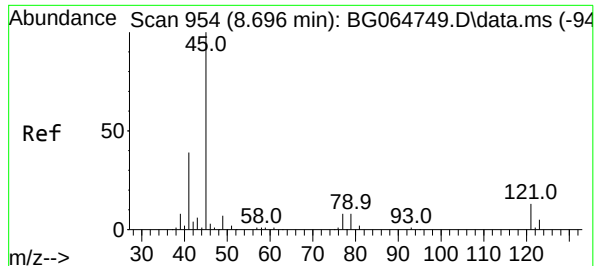
Ion Ratio Lower Upper

146 100

148 59.0 52.0 78.0

111 43.5 34.7 52.1





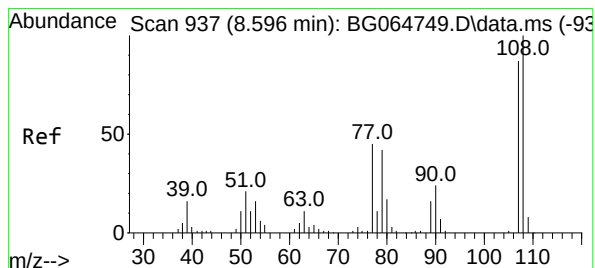
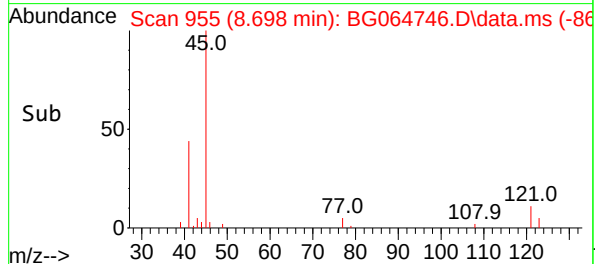
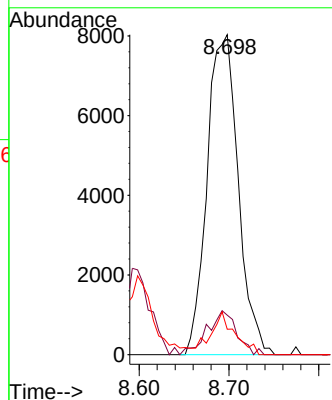
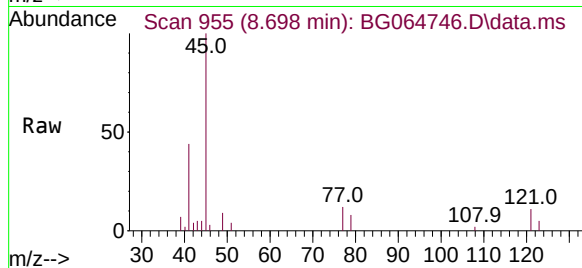
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.859 ng
RT: 8.698 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

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

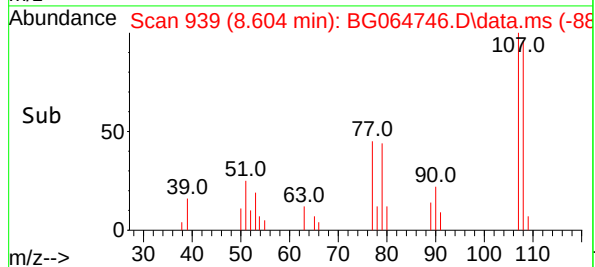
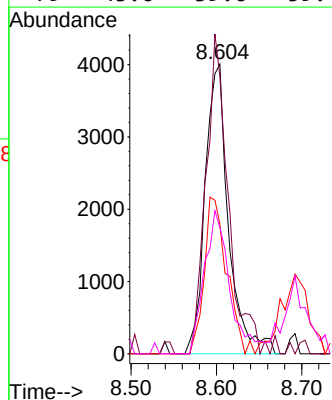
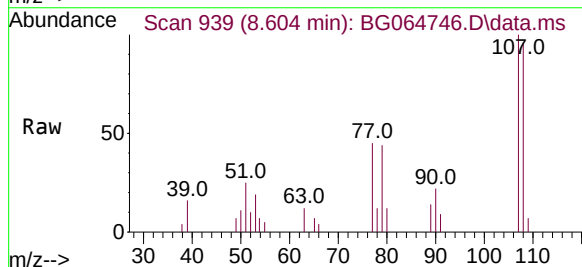
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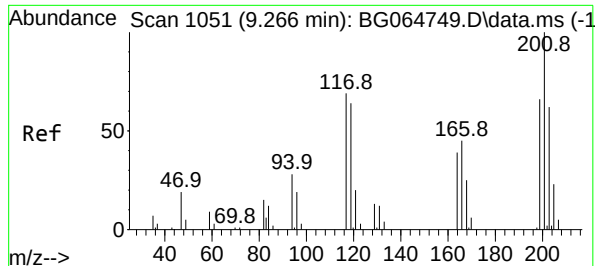
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

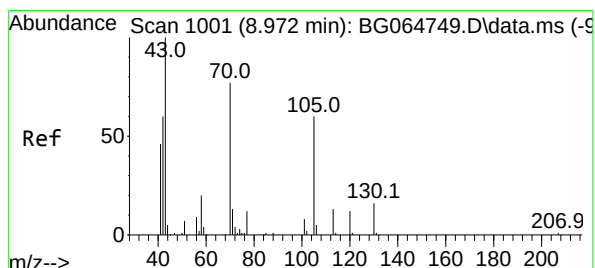
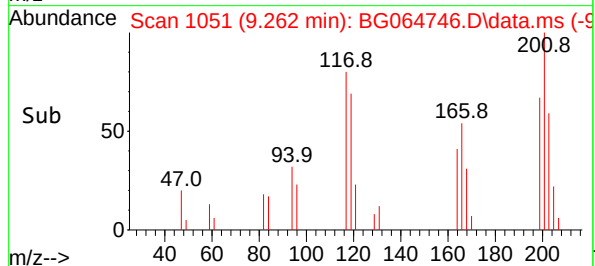
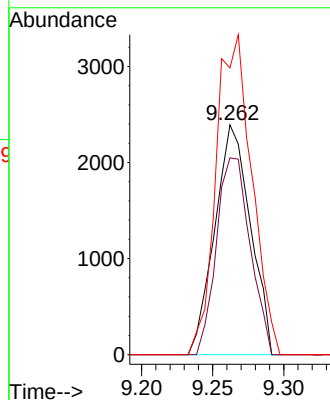
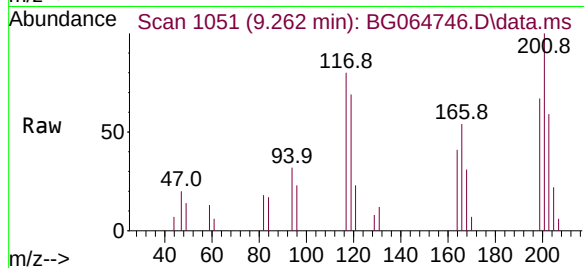
201 124.8 116.5 174.7

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

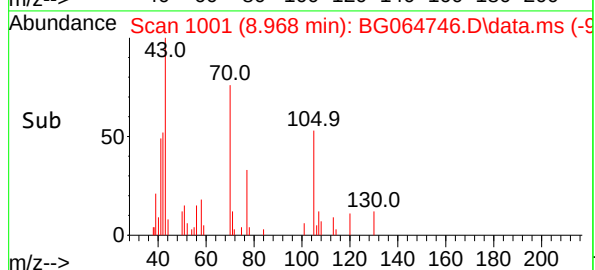
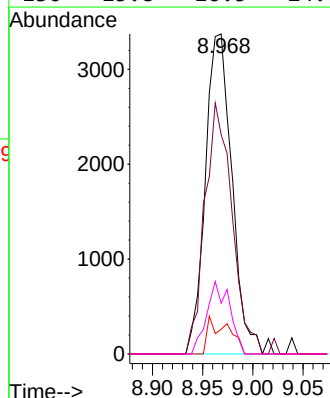
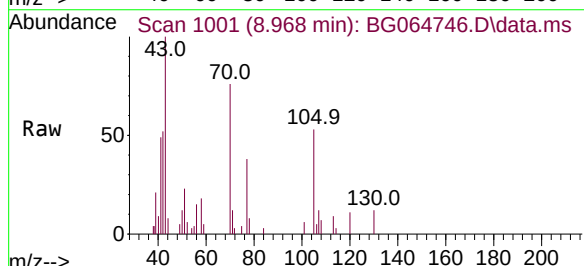
Ion Ratio Lower Upper

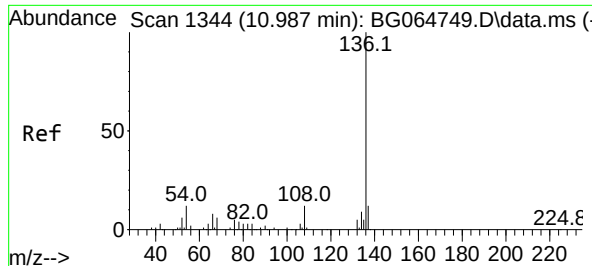
70 100

42 68.5 62.6 93.8

101 7.7 8.0 12.0#

130 15.8 16.5 24.7#





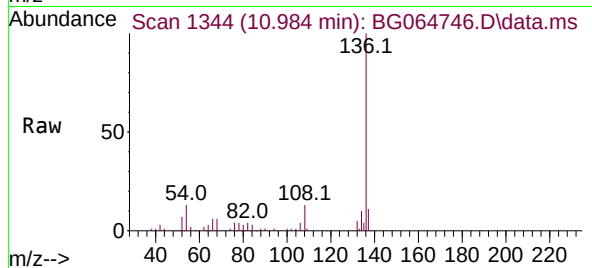
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

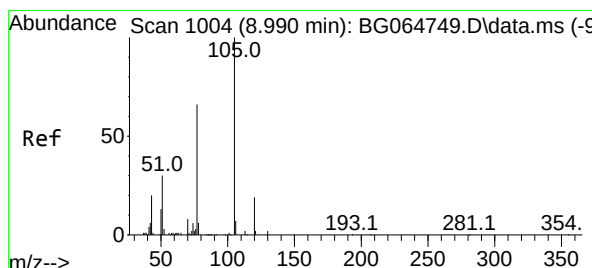
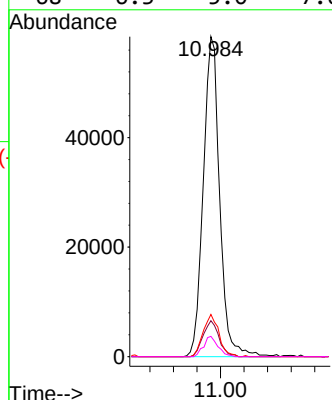
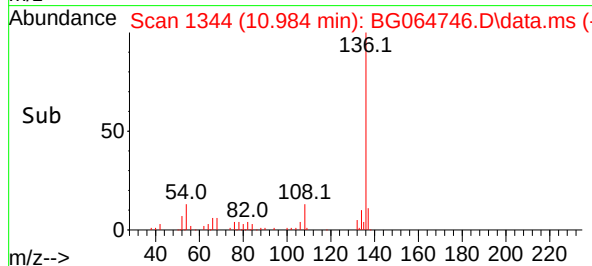


Tgt Ion:136 Resp: 112954
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 13.2 9.3 13.9
68 6.3 5.0 7.6

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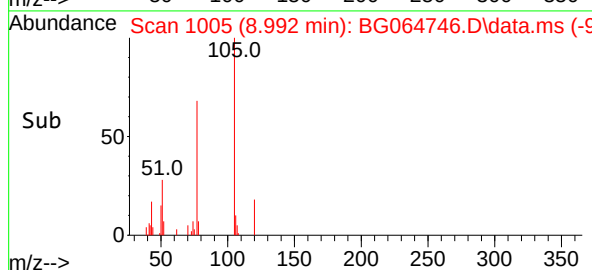
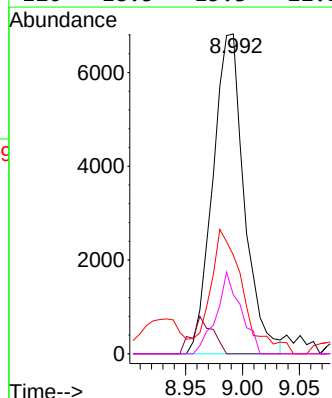
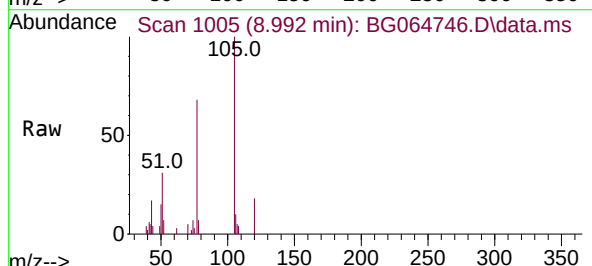
APPROVED

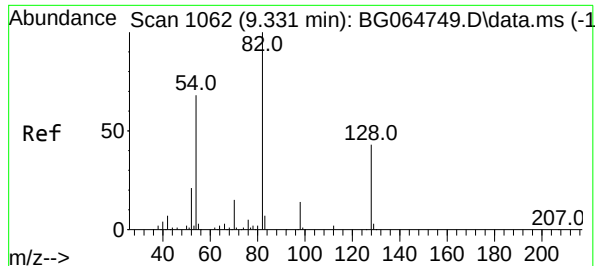
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

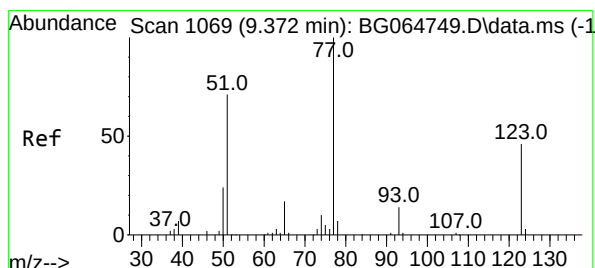
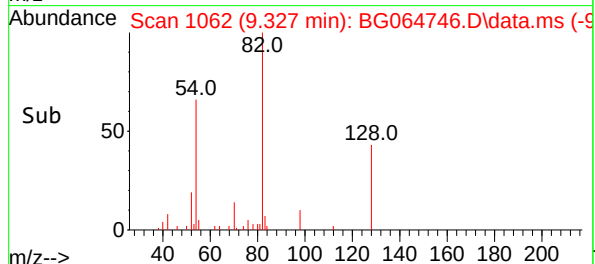
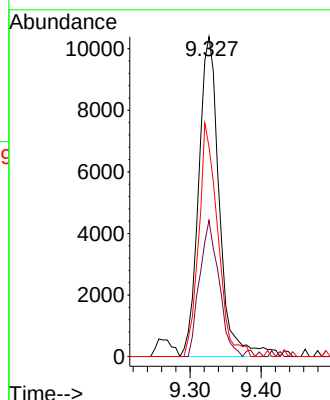
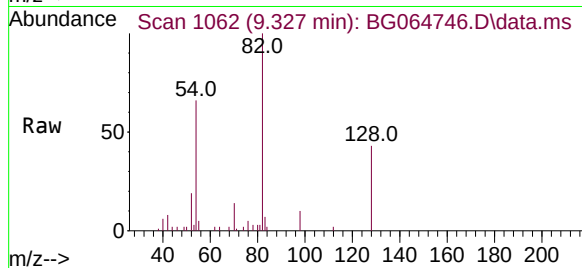
54 65.6 54.3 81.5

Manual Integrations

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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

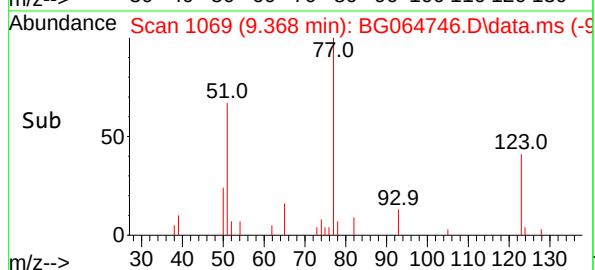
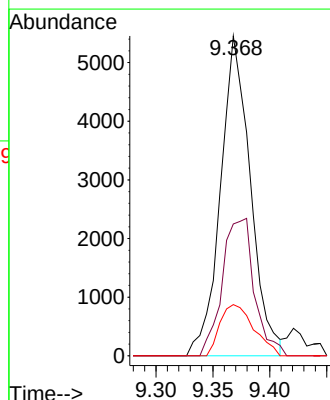
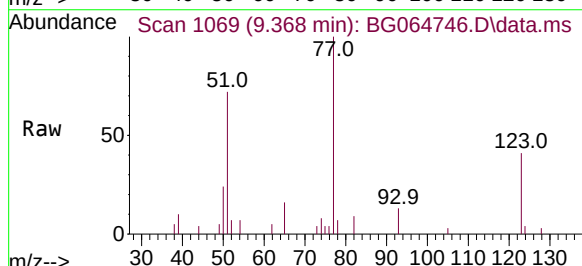
Tgt Ion: 77 Resp: 9979

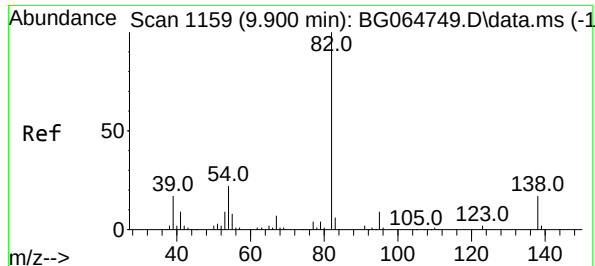
Ion Ratio Lower Upper

77 100

123 41.2 36.5 54.7

65 16.0 13.5 20.3





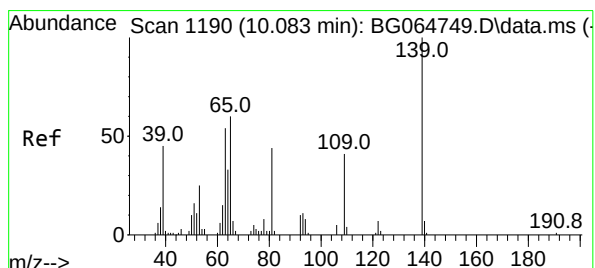
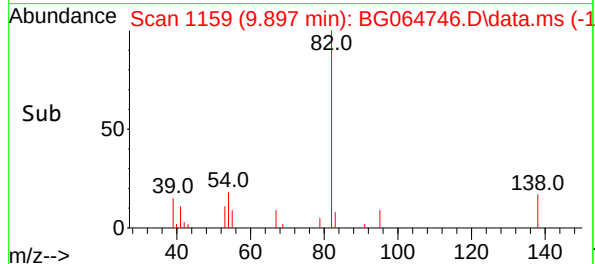
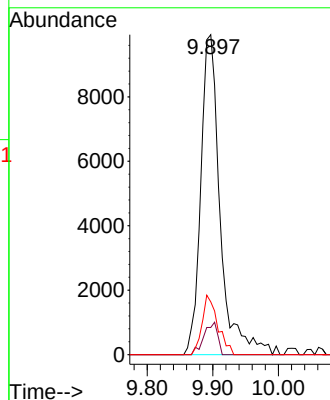
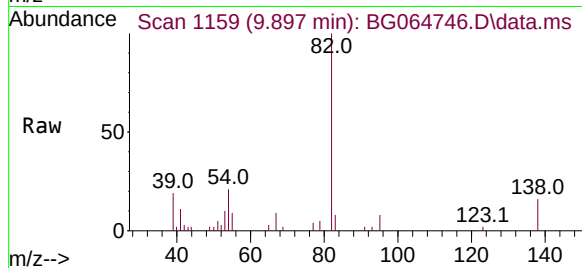
#25
Isophorone
Concen: 4.691 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

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

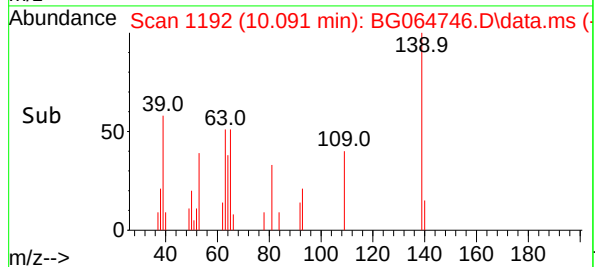
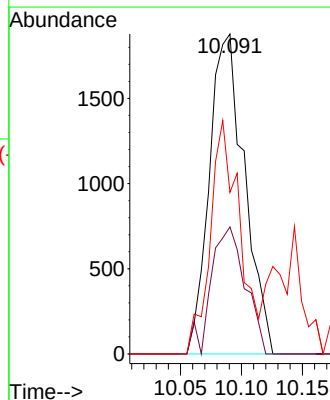
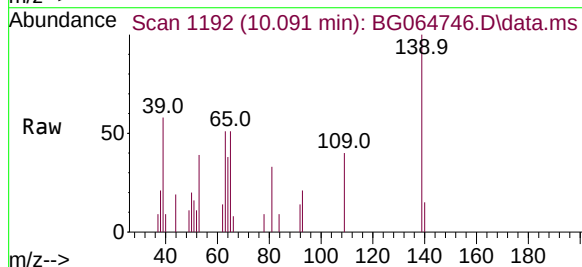
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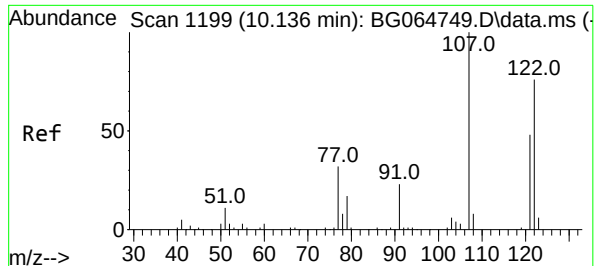
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

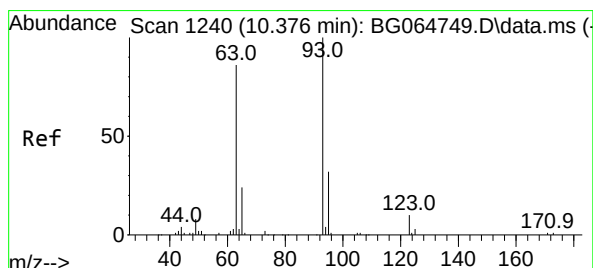
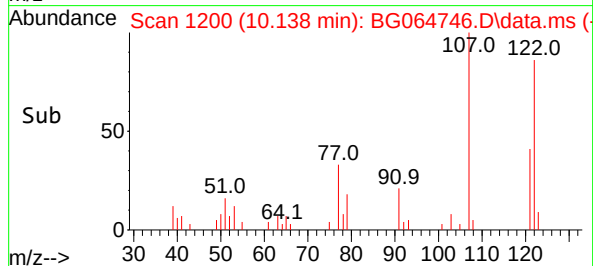
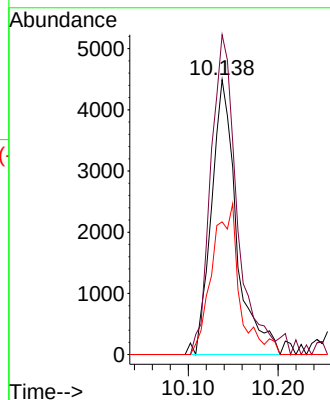
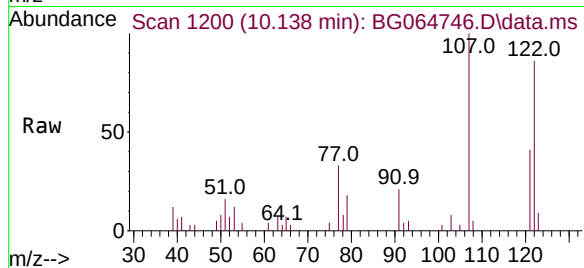
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.4	102.5	153.7
121	48.3	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: 4.526 ng

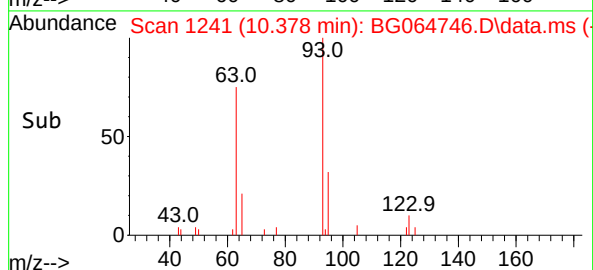
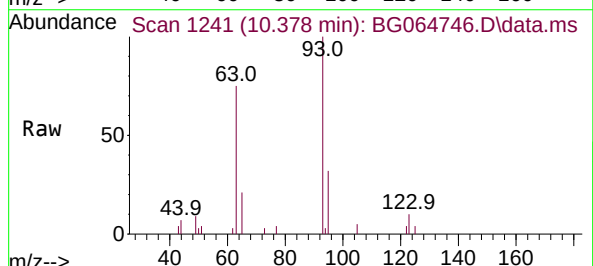
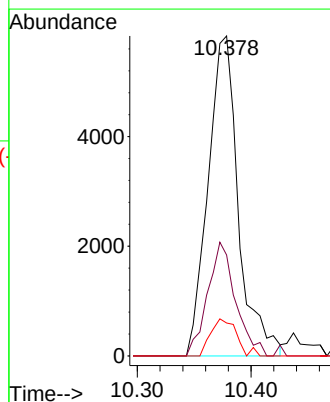
RT: 10.378 min Scan# 1241

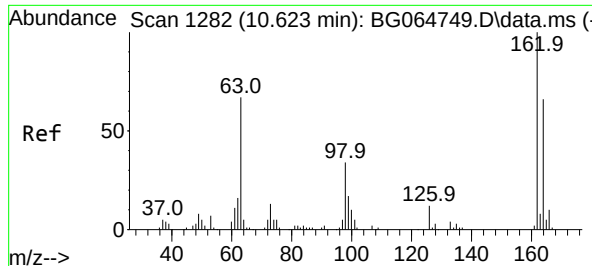
Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58

Tgt Ion	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

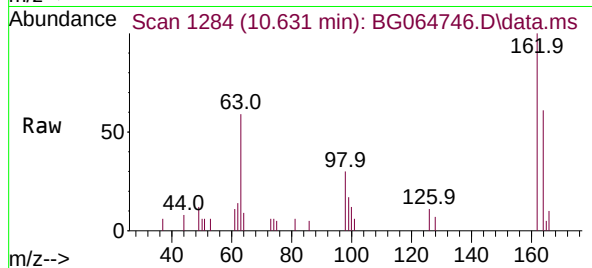
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC005



Tgt Ion:162 Resp: 7998

Ion Ratio Lower Upper

162 100

164 61.4 46.0 86.0

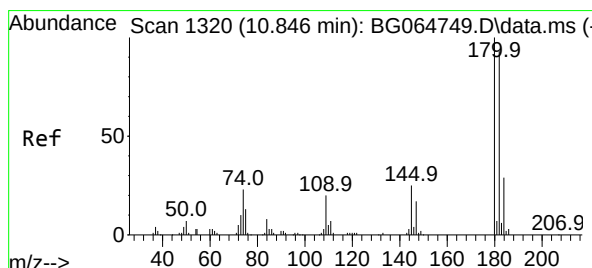
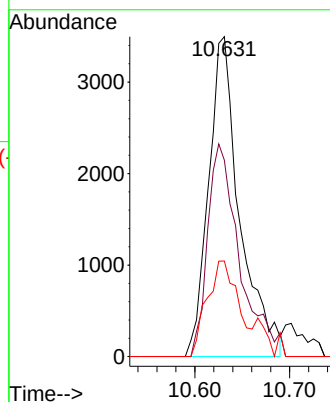
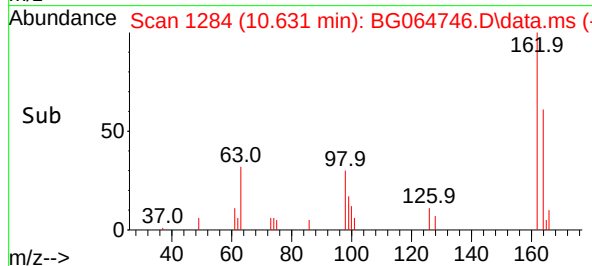
98 29.9 14.2 54.2

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

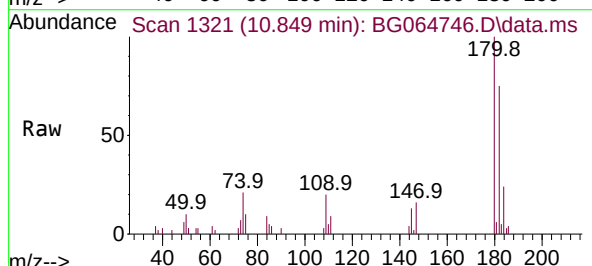
Concen: 4.816 ng

RT: 10.849 min Scan# 1321

Delta R.T. 0.002 min

Lab File: BG064746.D

Acq: 12 Nov 2025 11:58



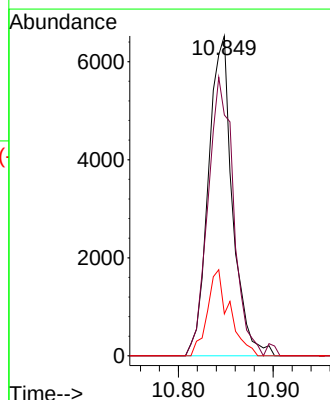
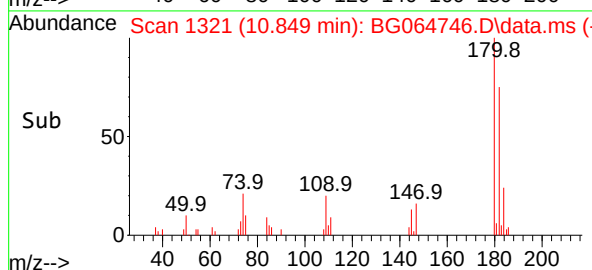
Tgt Ion:180 Resp: 11516

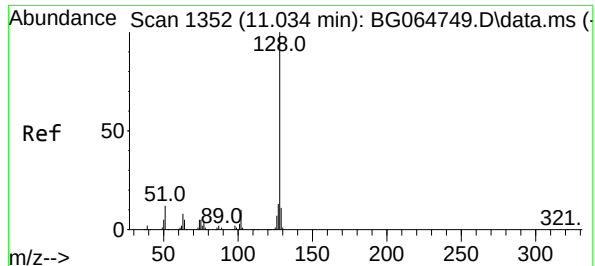
Ion Ratio Lower Upper

180 100

182 70.9 74.2 111.4#

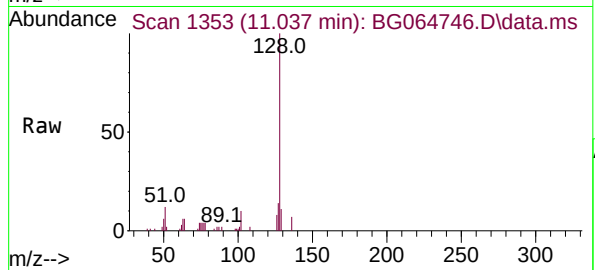
145 12.4 20.0 30.0#





#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

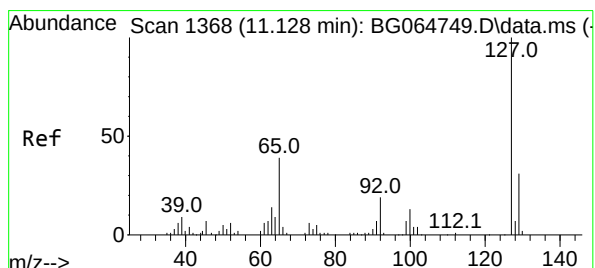
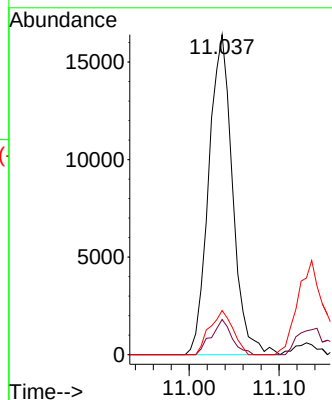
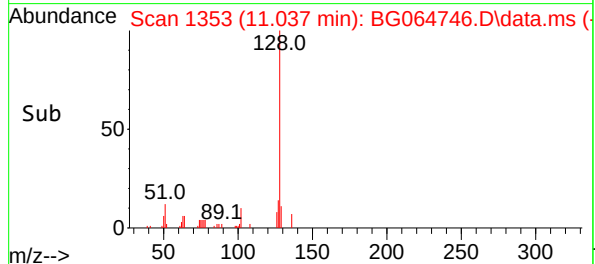
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

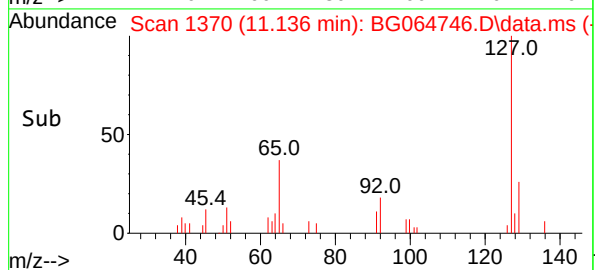
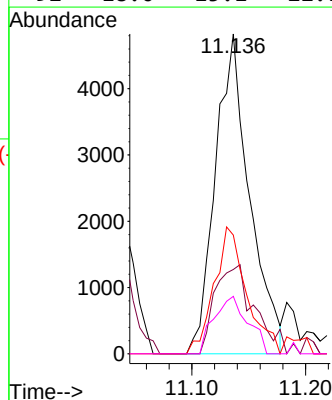
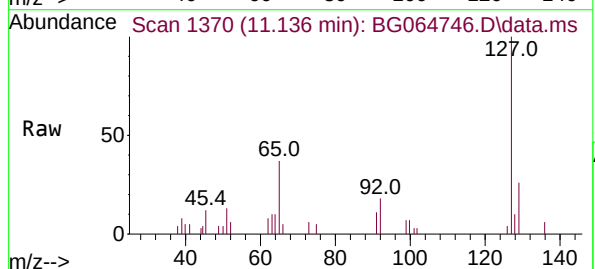
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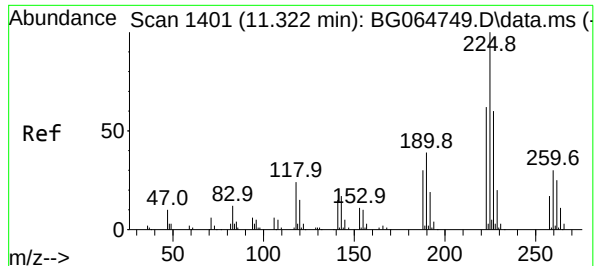
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

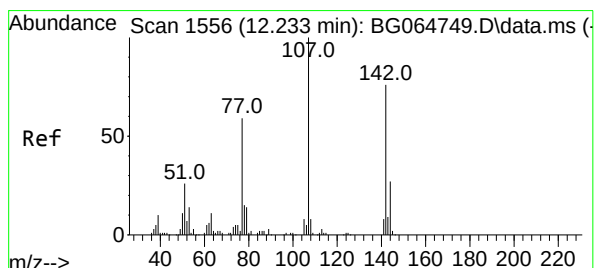
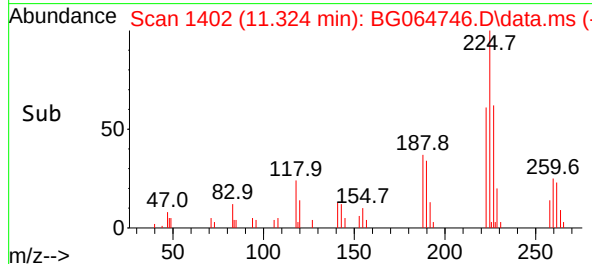
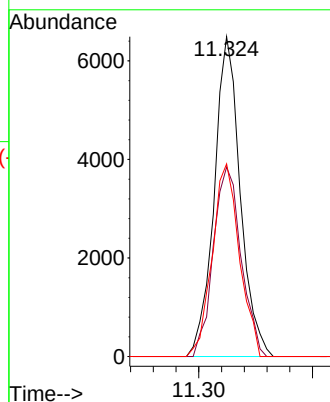
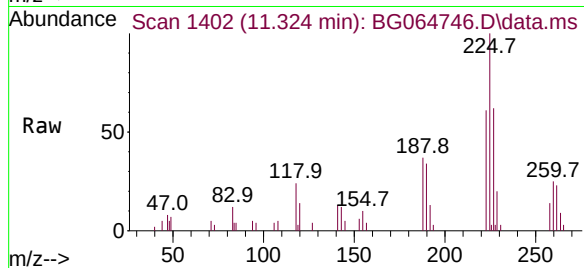
SSTDICC005

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

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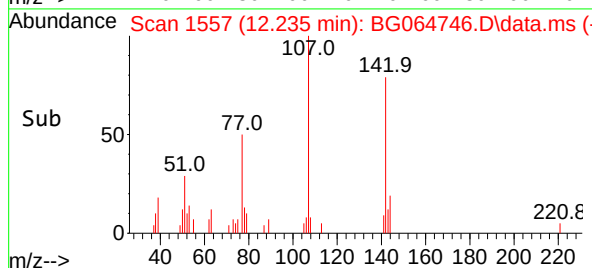
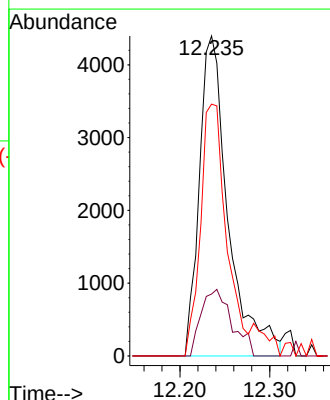
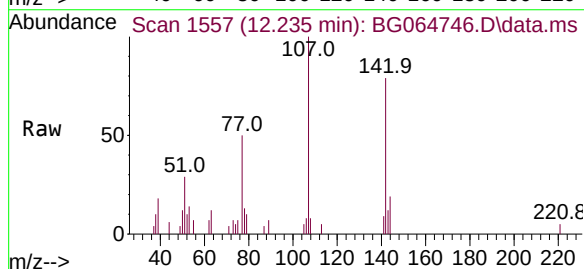
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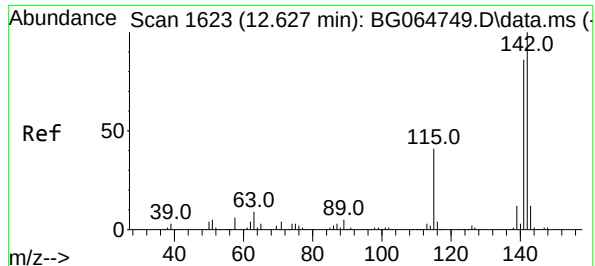
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





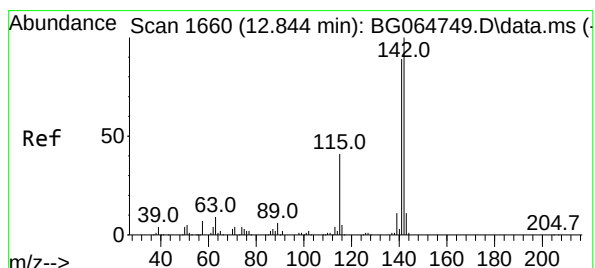
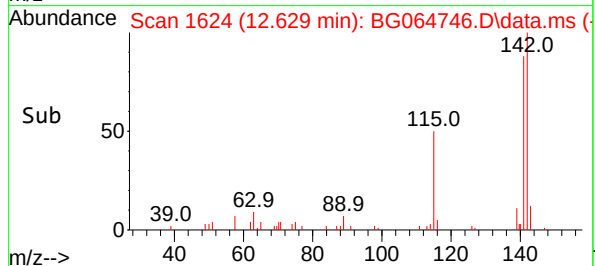
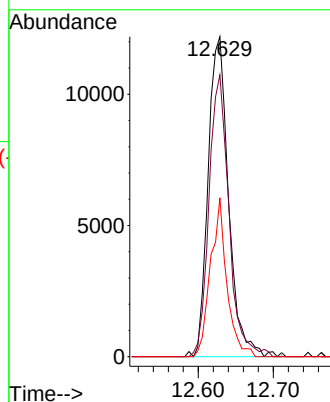
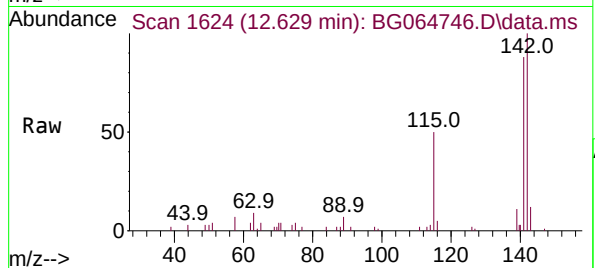
#37
2-Methylnaphthalene
Concen: 4.831 ng m
RT: 12.629 min Scan# 1623
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

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

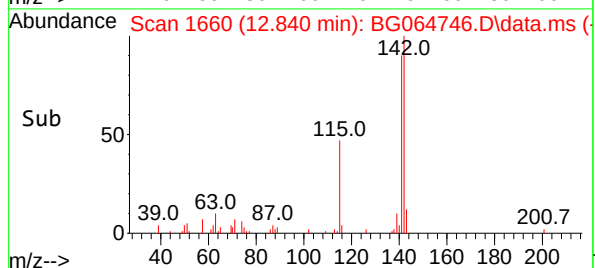
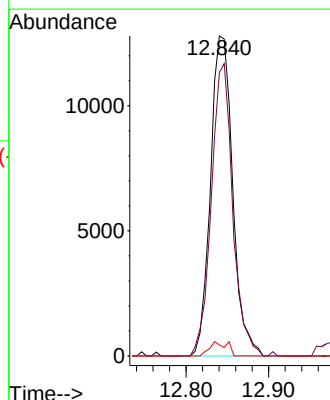
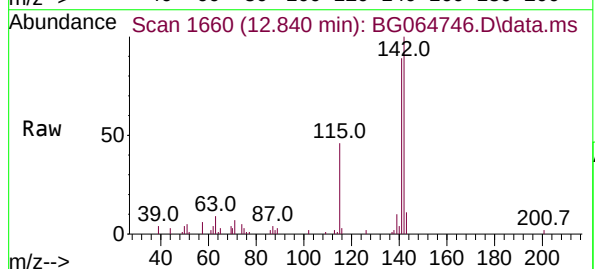
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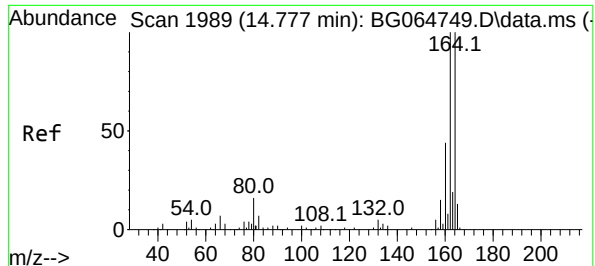
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

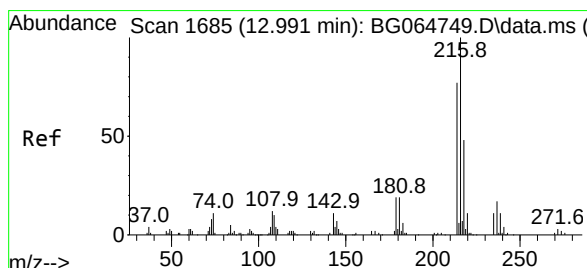
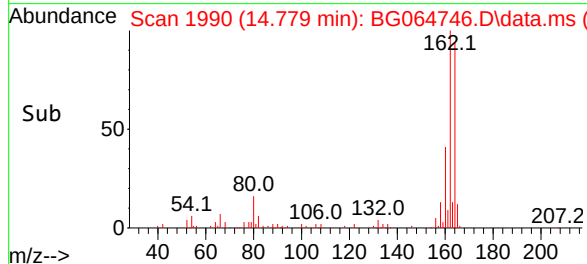
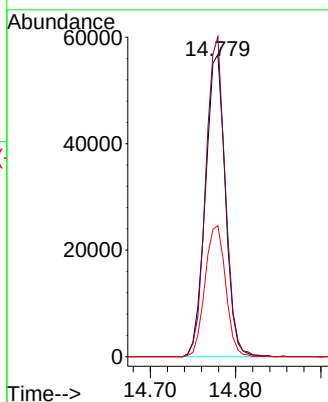
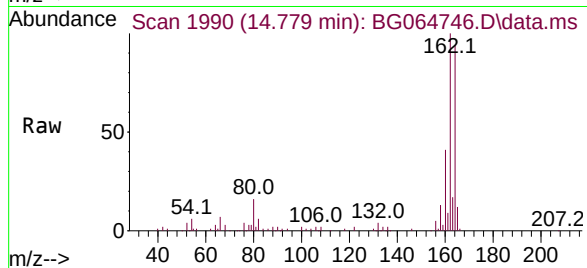
SSTDICC005

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

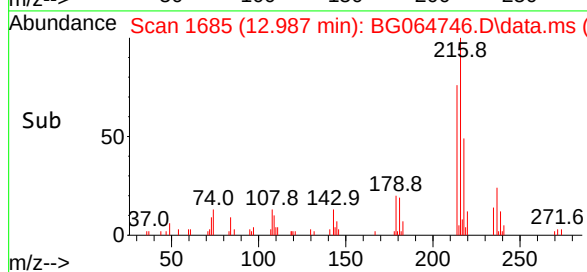
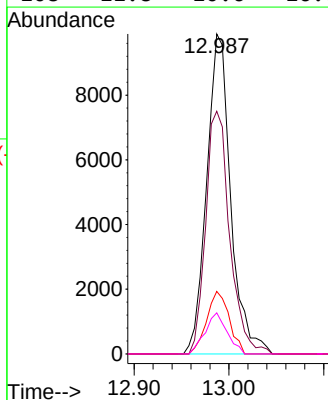
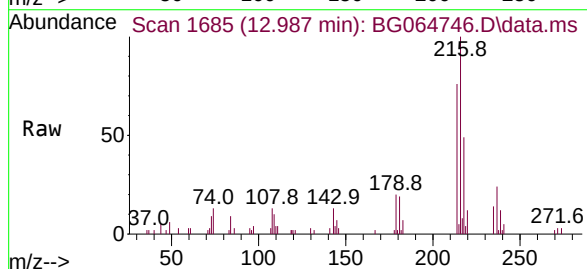
RT: 12.987 min Scan# 1685

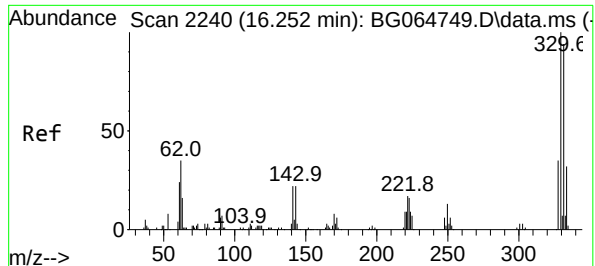
Delta R.T. -0.004 min

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





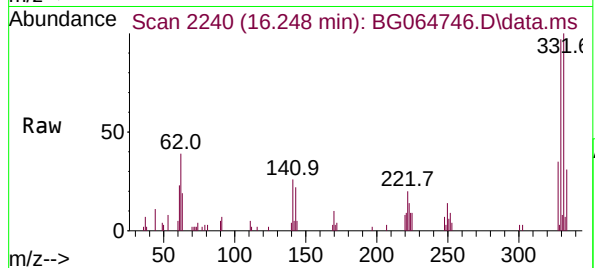
#42
2,4,6-Tribromophenol
Concen: 8.875 ng
RT: 16.248 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

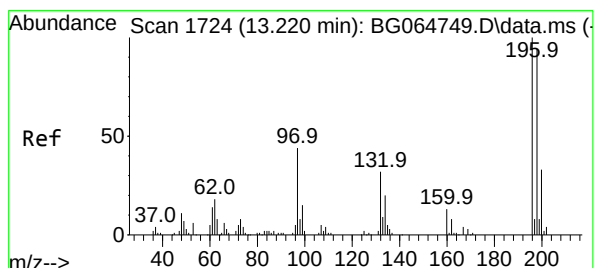
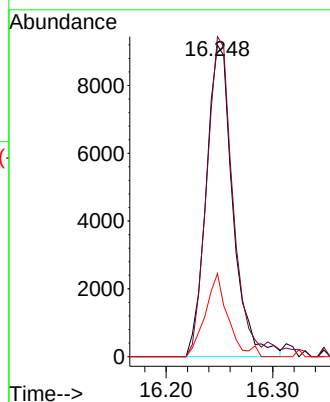
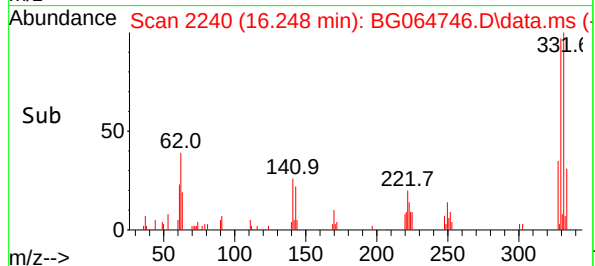


Tgt Ion:330 Resp: 1595
Ion Ratio Lower Upper
330 100
332 103.0 77.0 115.6
141 22.7 18.2 27.2

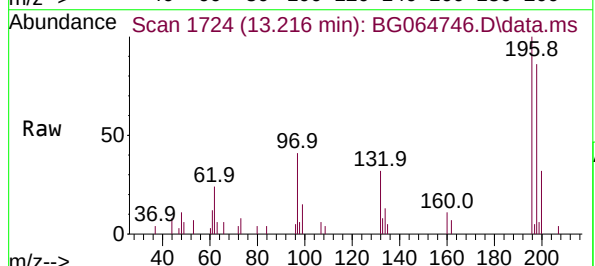
Manual Integrations

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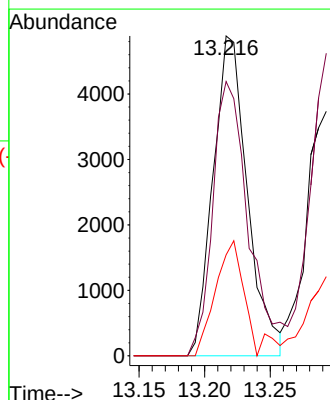
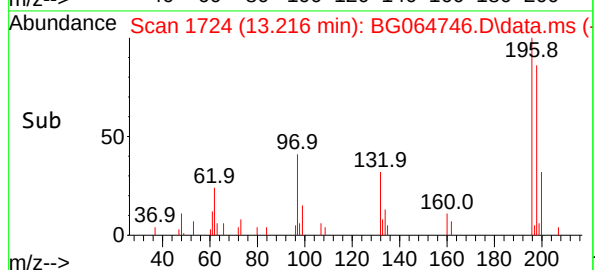
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

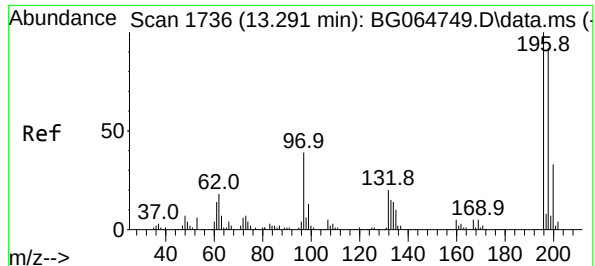


#43
2,4,6-Trichlorophenol
Concen: 4.222 ng
RT: 13.216 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



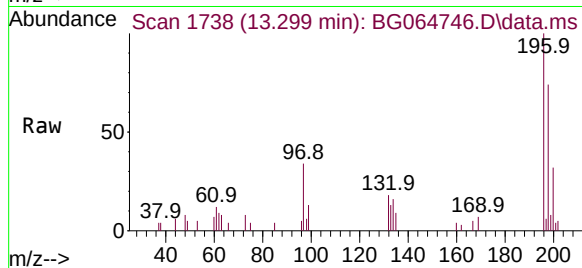
Tgt Ion:196 Resp: 8887
Ion Ratio Lower Upper
196 100
198 85.7 75.3 112.9
200 31.6 26.2 39.2





#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

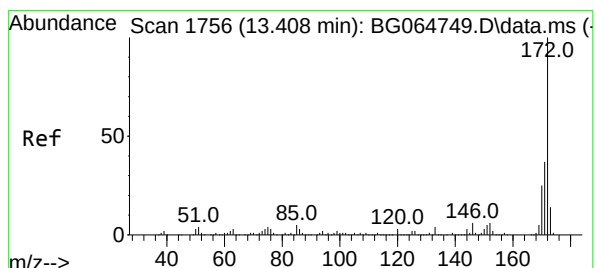
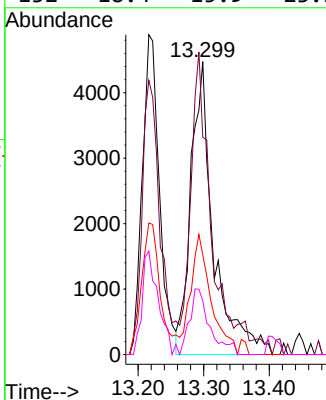
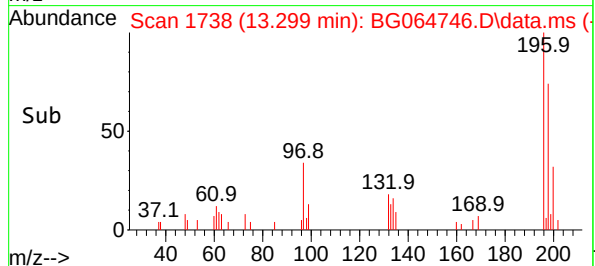
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



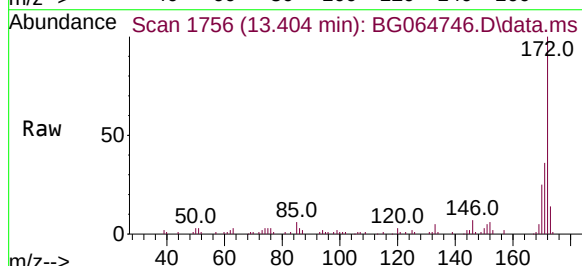
Tgt Ion:196 Resp: 10762
Ion Ratio Lower Upper
196 100
198 74.2 73.2 109.8
97 34.1 31.4 47.0
132 18.4 15.9 23.9

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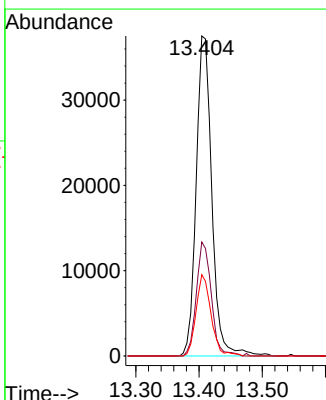
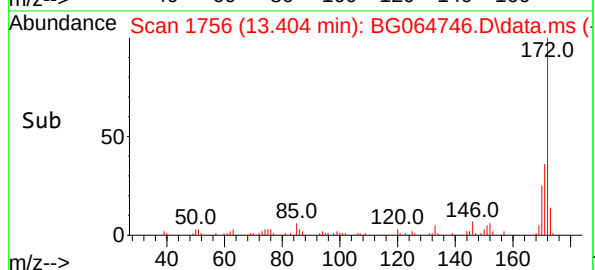
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

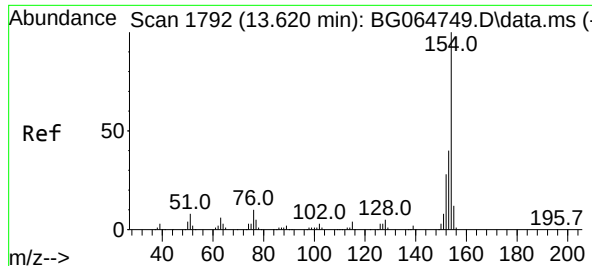


#45
2-Fluorobiphenyl
Concen: 9.789 ng
RT: 13.404 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



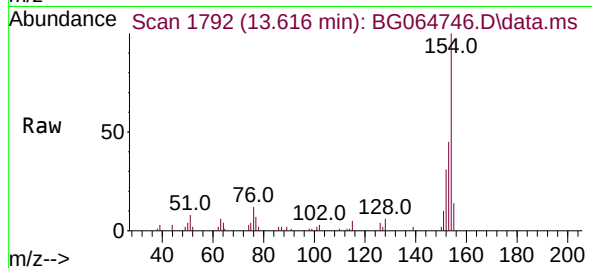
Tgt Ion:172 Resp: 64649
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 25.4 19.8 29.6





#46
1,1'-Biphenyl
Concen: 4.930 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

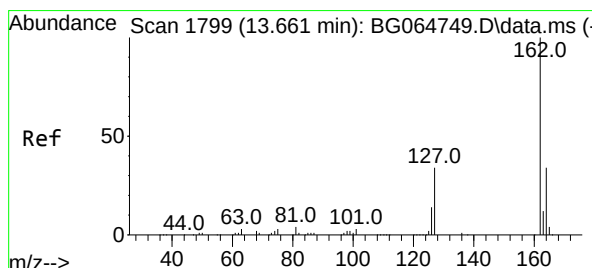
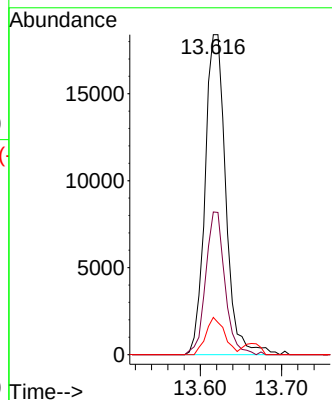
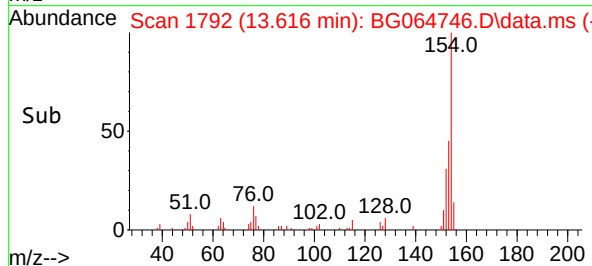
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



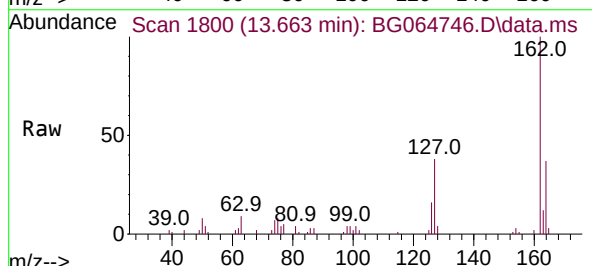
Tgt Ion:154 Resp: 3263
Ion Ratio Lower Upper
154 100
153 44.6 19.8 59.8
76 11.6 0.0 30.0

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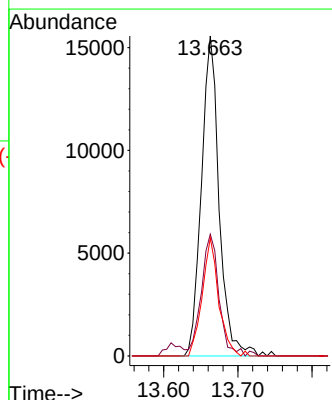
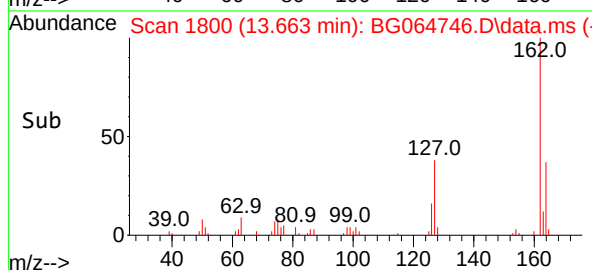
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

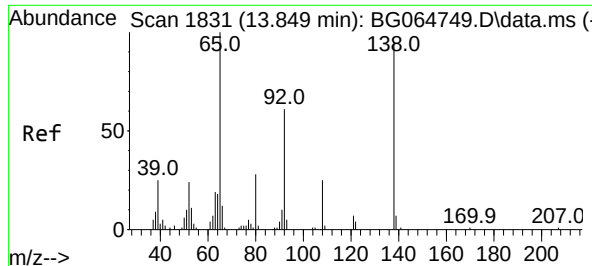


#47
2-Chloronaphthalene
Concen: 4.964 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



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





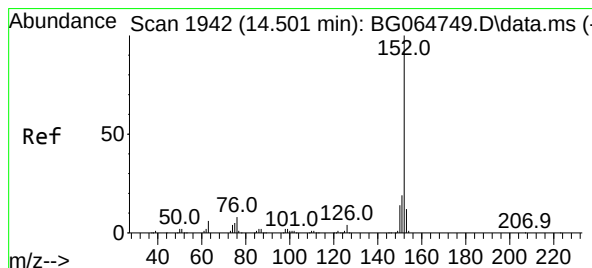
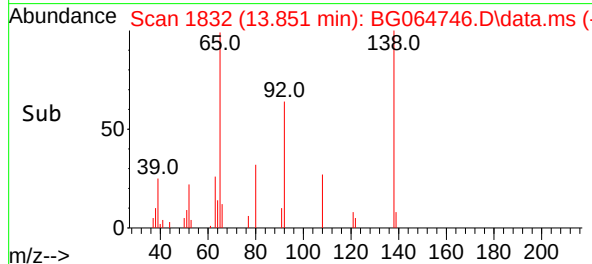
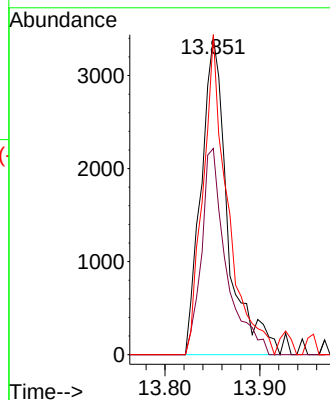
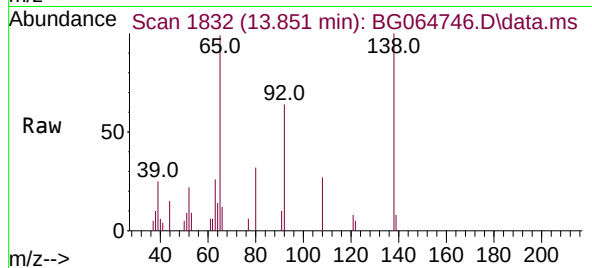
#48
2-Nitroaniline
Concen: 3.995 ng
RT: 13.851 min Scan# 1831
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

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

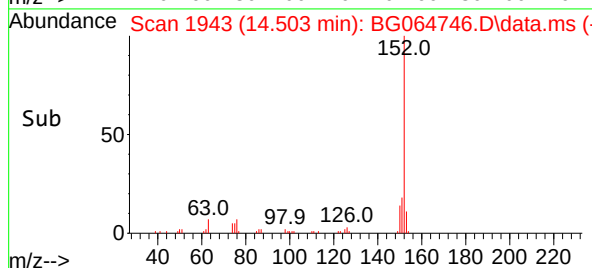
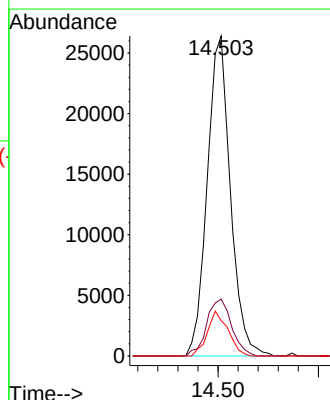
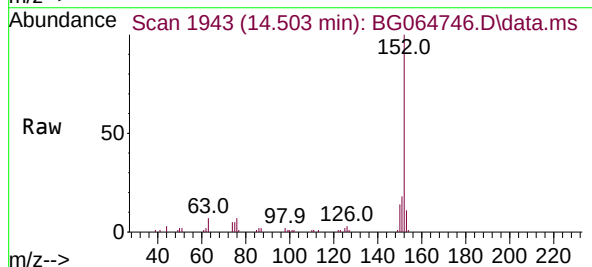
Manual Integrations
APPROVED

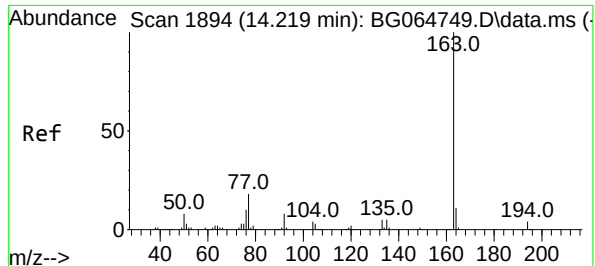
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

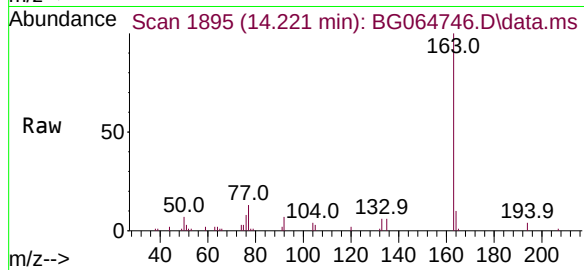
Tgt Ion:152 Resp: 42371
Ion Ratio Lower Upper
152 100
151 17.7 15.0 22.4
153 11.0 9.9 14.9





#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

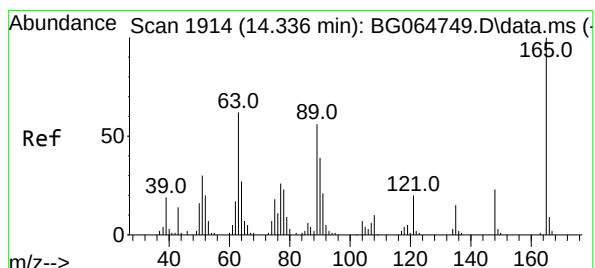
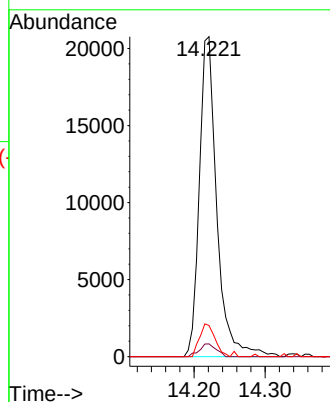
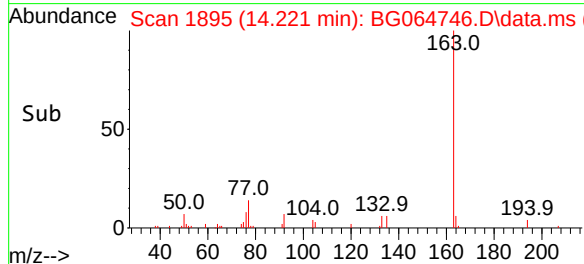
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



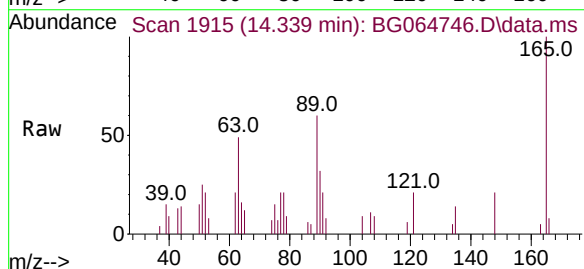
Tgt Ion:163 Resp: 3536
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 8.6 12.8

Manual Integrations
APPROVED

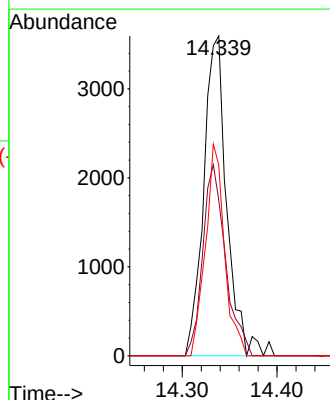
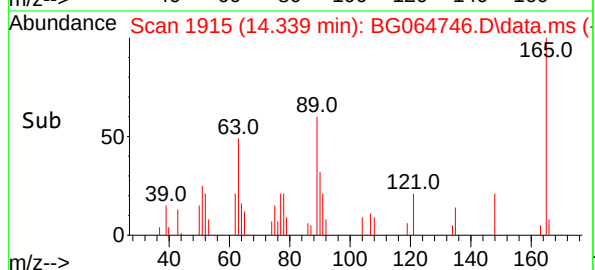
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

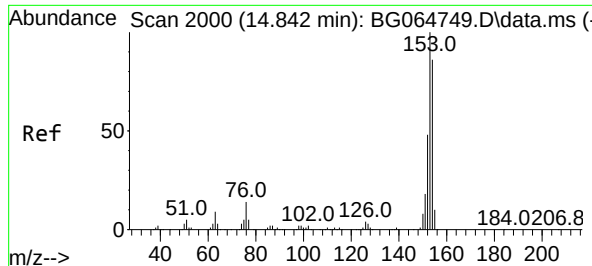


#51
2,6-Dinitrotoluene
Concen: 4.366 ng
RT: 14.339 min Scan# 1915
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



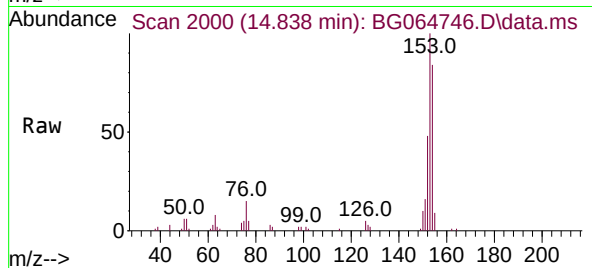
Tgt Ion:165 Resp: 6116
Ion Ratio Lower Upper
165 100
63 48.7 49.8 74.8#
89 59.7 45.0 67.4





#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

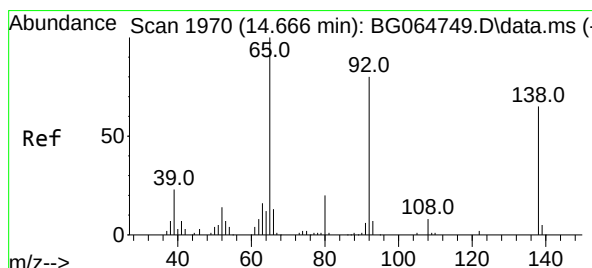
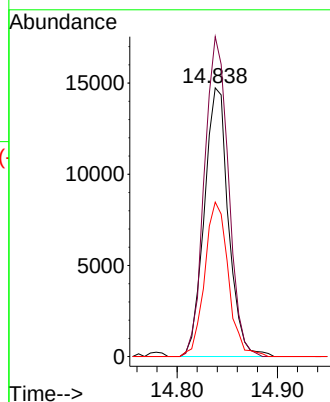
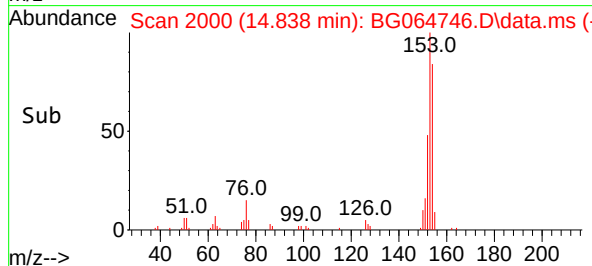
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

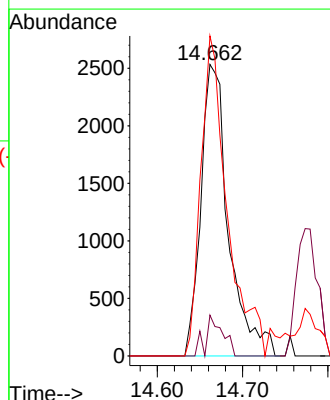
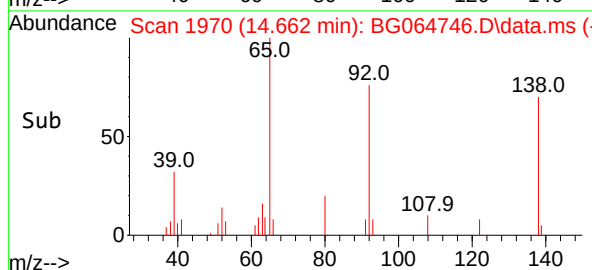
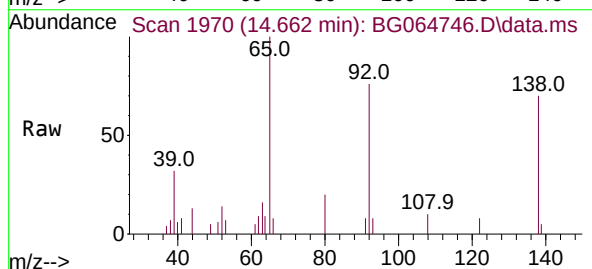
Manual Integrations
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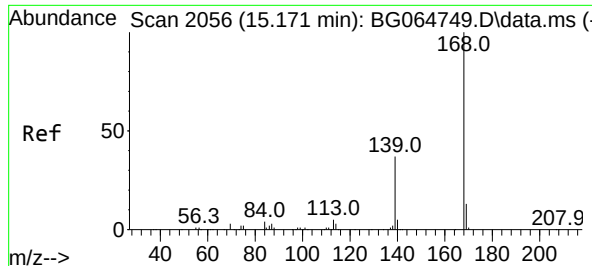
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

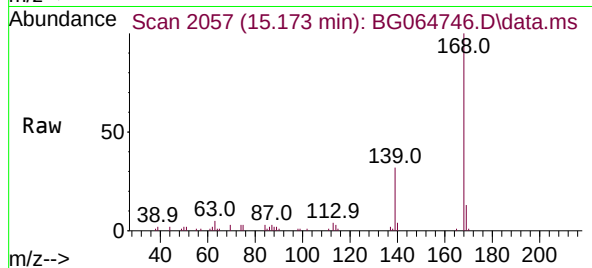
Tgt Ion:138 Resp: 5697
Ion Ratio Lower Upper
138 100
108 14.0 9.5 14.3
92 109.8 99.0 148.4





#55
Dibenzenofuran
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

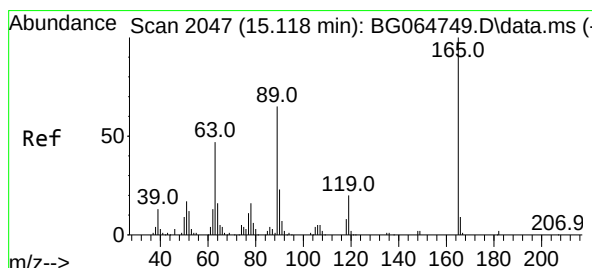
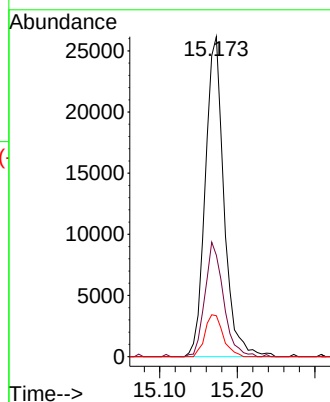
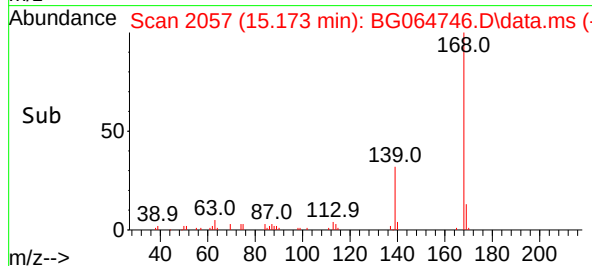
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

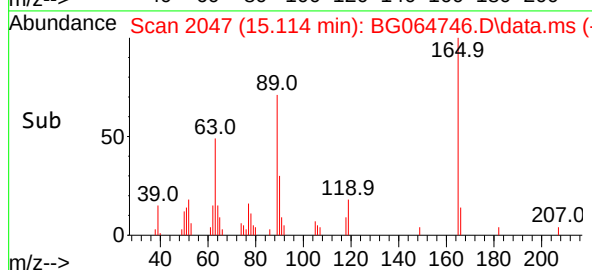
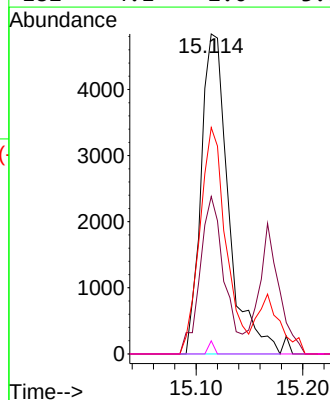
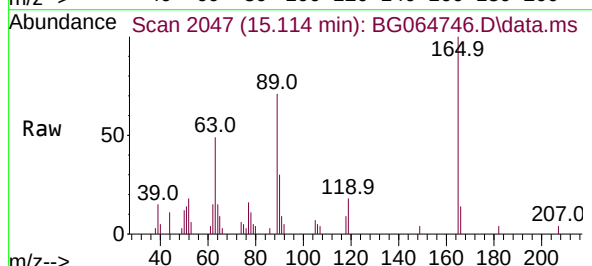
Manual Integrations
APPROVED

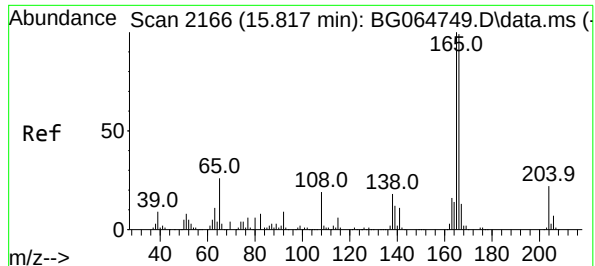
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

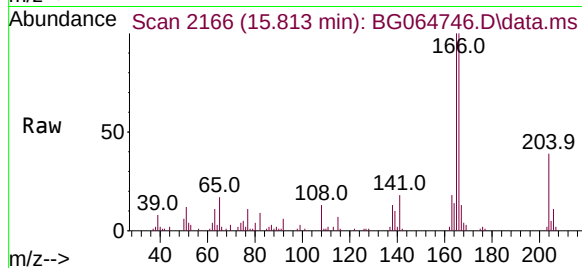
Tgt Ion:165 Resp: 8655
Ion Ratio Lower Upper
165 100
63 49.2 37.8 56.6
89 70.7 51.6 77.4
182 4.1 2.0 3.0#





#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

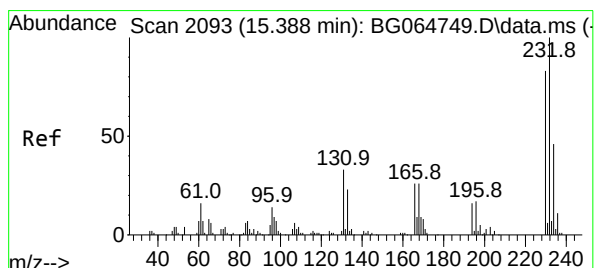
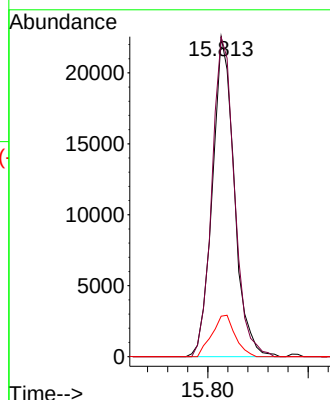
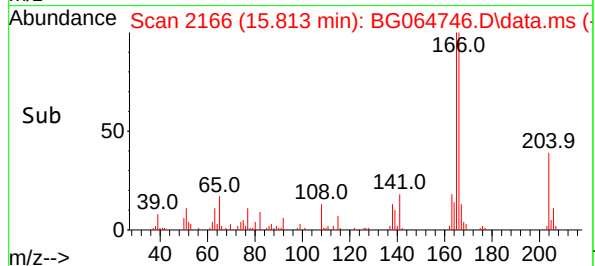
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

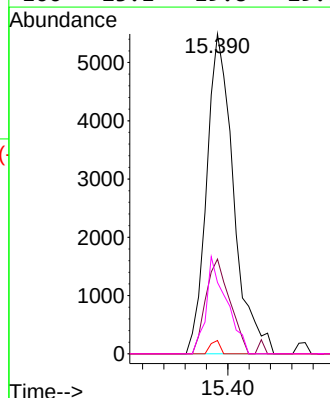
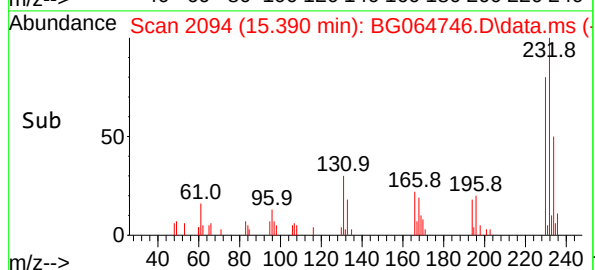
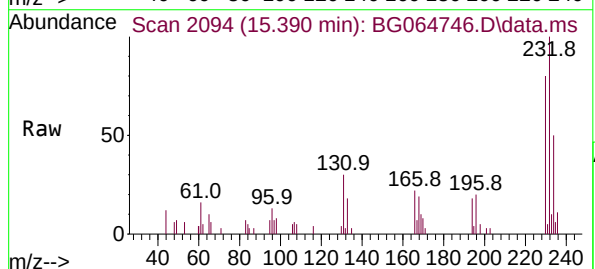
Manual Integrations
APPROVED

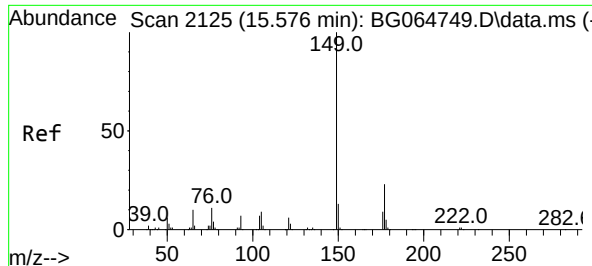
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

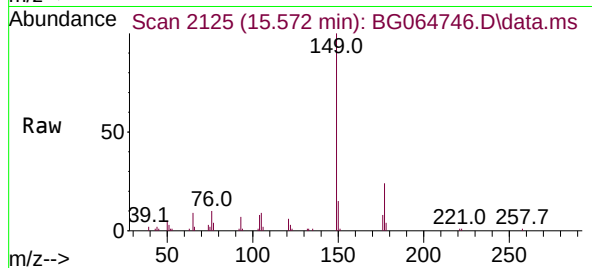
Tgt Ion:232 Resp: 9634
Ion Ratio Lower Upper
232 100
131 26.5 26.0 39.0
130 1.5 1.6 2.4#
166 23.1 19.8 29.6





#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

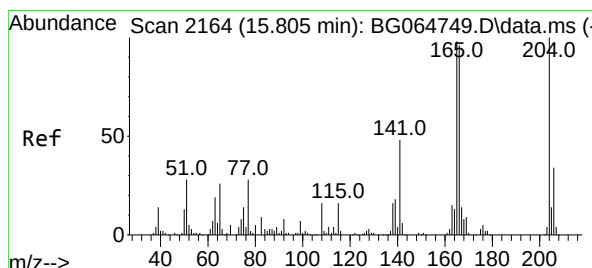
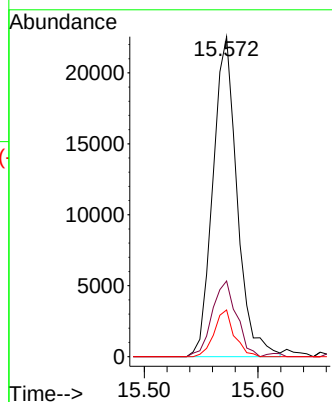
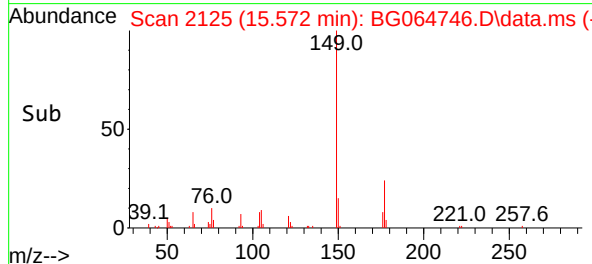
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



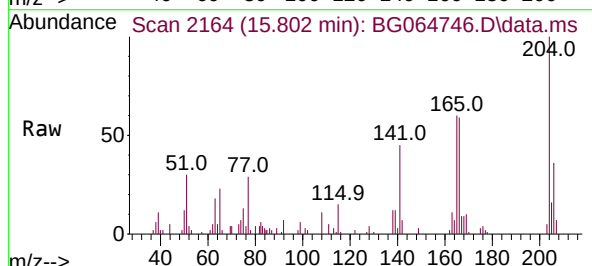
Tgt Ion:149 Resp: 33242
Ion Ratio Lower Upper
149 100
177 23.6 18.4 27.6
150 14.6 10.1 15.1

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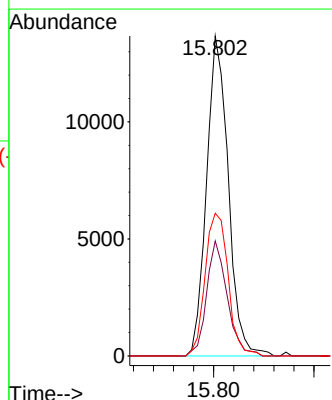
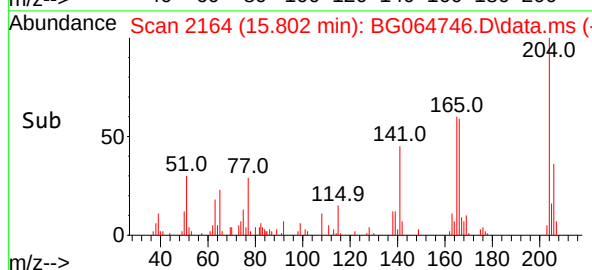
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

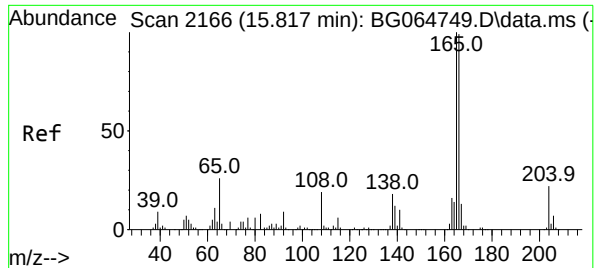


#61
4-Chlorophenyl-phenylether
Concen: 4.946 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



Tgt Ion:204 Resp: 20557
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 :

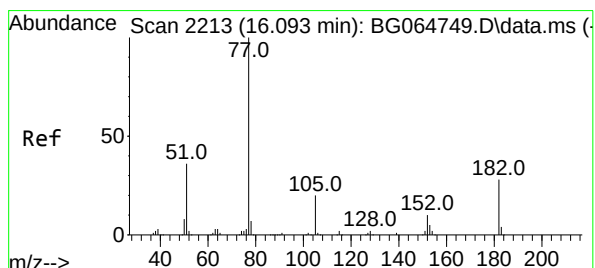
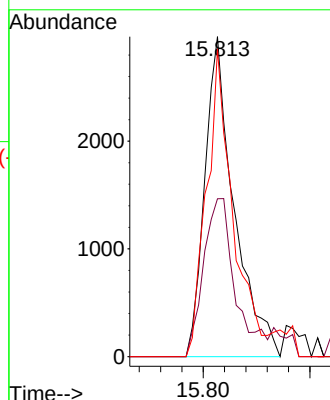
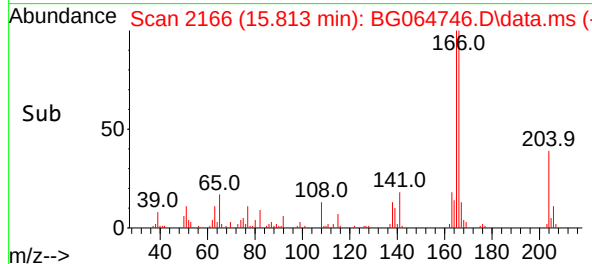
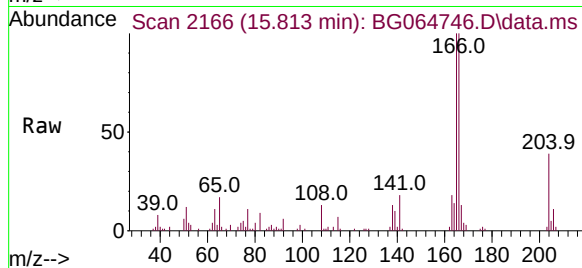
SSTDICC005

Tgt Ion:138 Resp: 5656
Ion Ratio Lower Upper
138 100
92 49.3 30.7 70.7
108 96.2 85.7 125.7

Manual Integrations

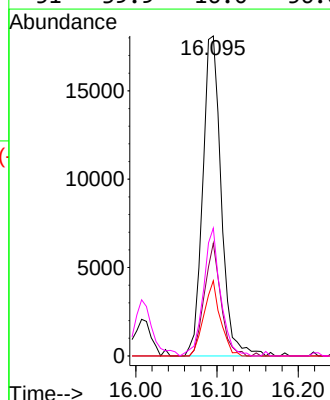
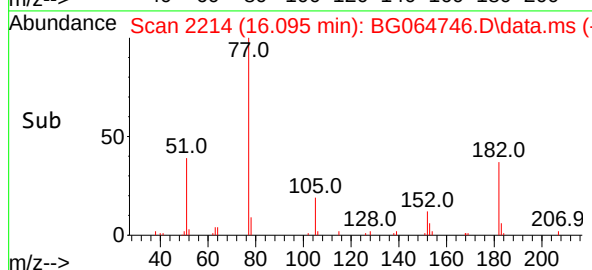
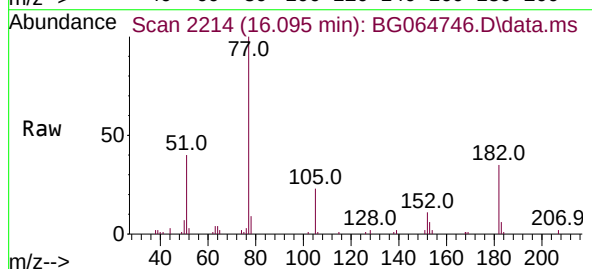
APPROVED

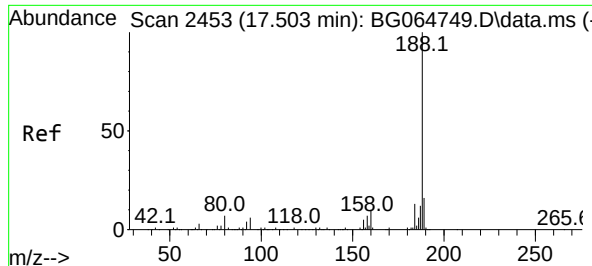
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

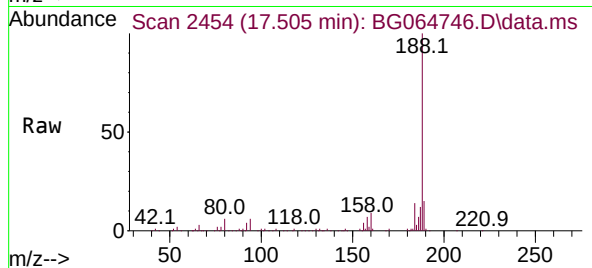
Tgt Ion: 77 Resp: 28653
Ion Ratio Lower Upper
77 100
182 35.2 8.1 48.1
105 23.5 0.1 40.1
51 39.9 16.0 56.0





#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

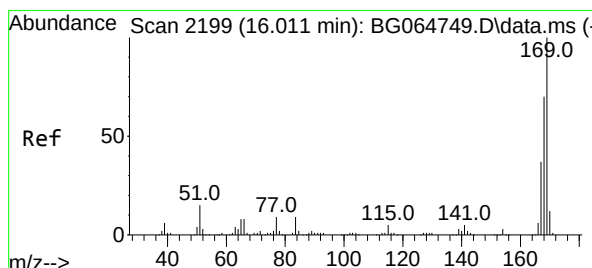
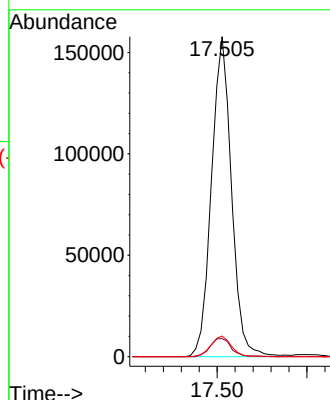
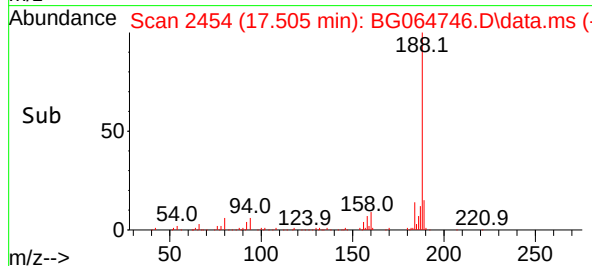
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



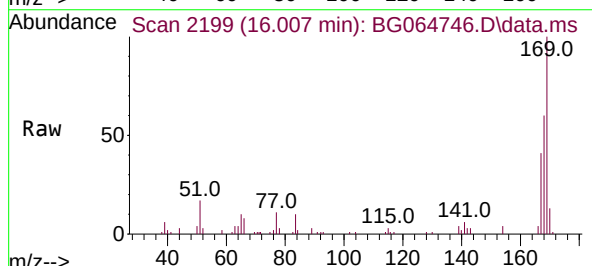
Tgt Ion:188 Resp: 243880
Ion Ratio Lower Upper
188 100
94 5.6 4.7 7.1
80 6.4 5.4 8.2

Manual Integrations
APPROVED

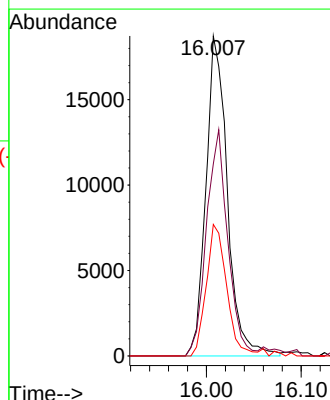
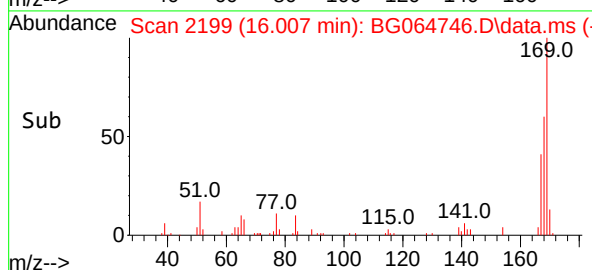
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

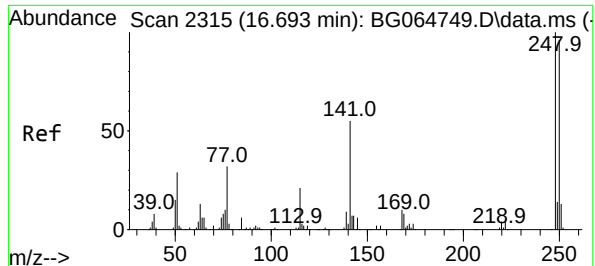


#66
n-Nitrosodiphenylamine
Concen: 4.609 ng
RT: 16.007 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



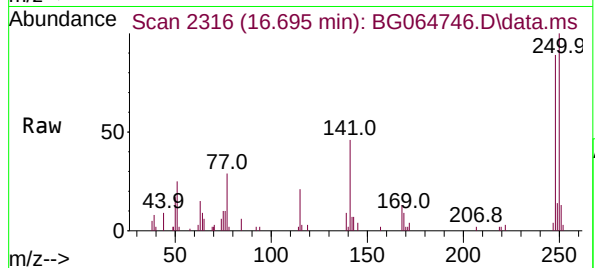
Tgt Ion:169 Resp: 29441
Ion Ratio Lower Upper
169 100
168 60.0 55.9 83.9
167 41.1 29.8 44.6





#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

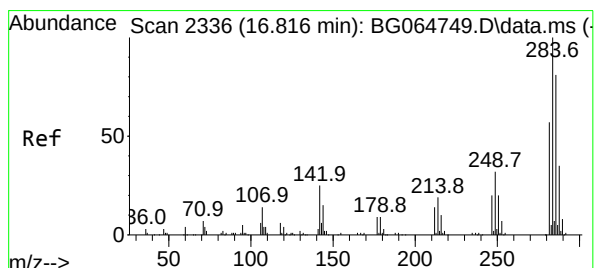
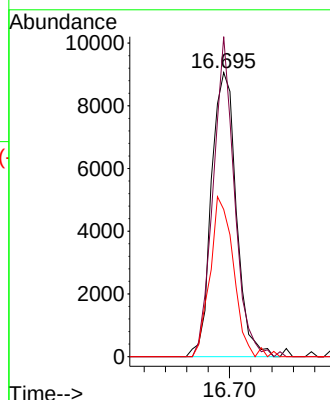
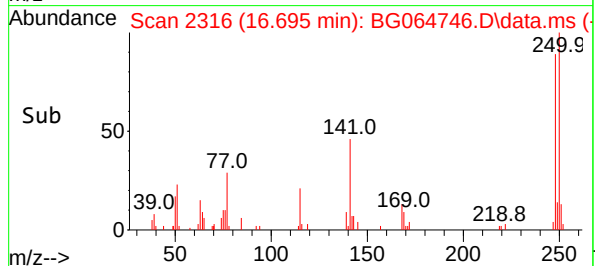
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



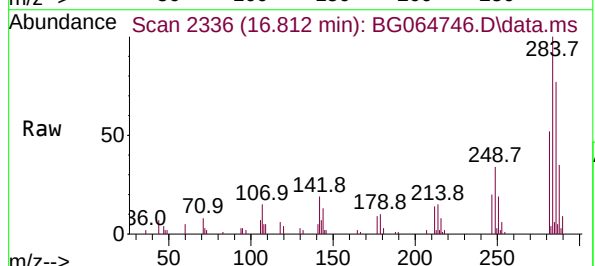
Tgt Ion:248 Resp: 14722
Ion Ratio Lower Upper
248 100
250 112.7 77.0 115.6
141 51.8 43.7 65.5

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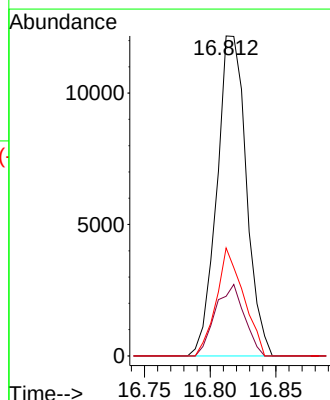
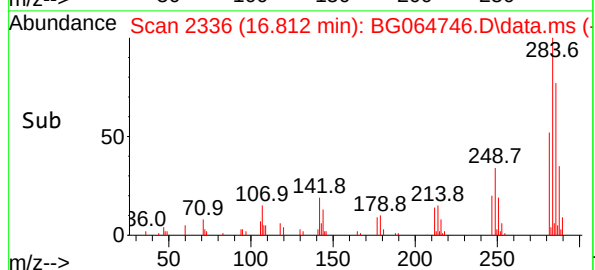
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

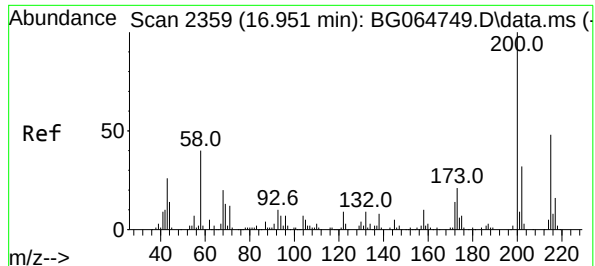


#68
Hexachlorobenzene
Concen: 4.900 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



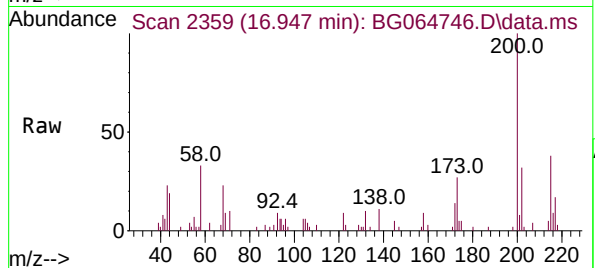
Tgt Ion:284 Resp: 19015
Ion Ratio Lower Upper
284 100
142 18.6 19.7 29.5#
249 36.3 28.1 42.1





#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

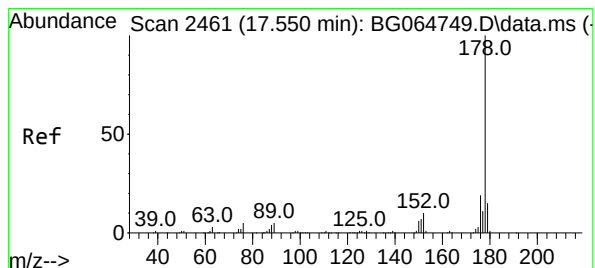
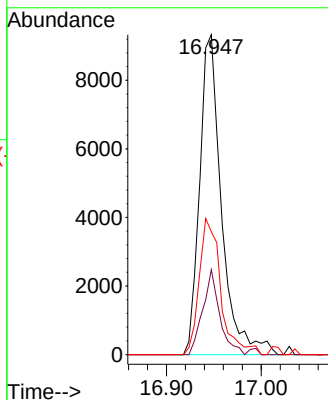
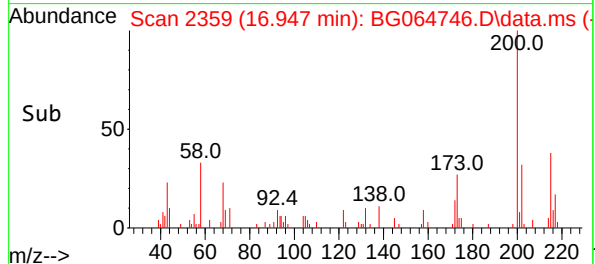
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



Tgt Ion:200 Resp: 14933
Ion Ratio Lower Upper
200 100
173 26.5 0.9 40.9
215 38.4 27.5 67.5

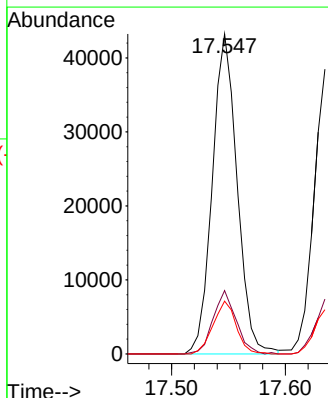
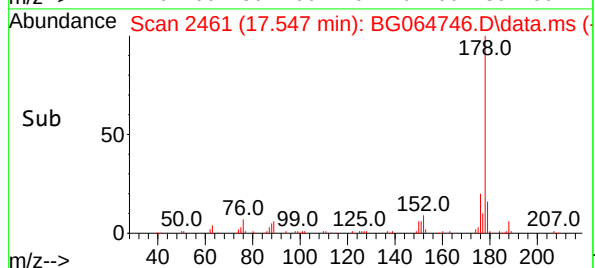
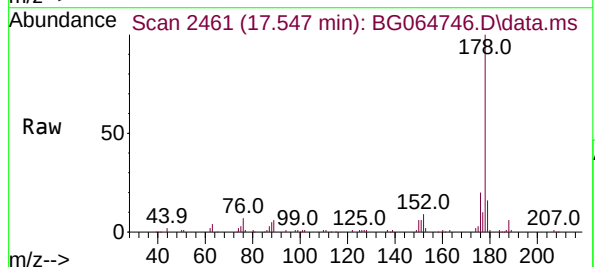
Manual Integrations
APPROVED

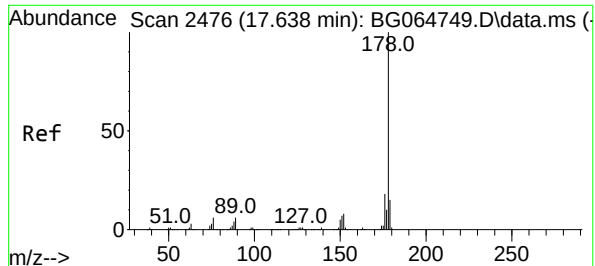
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

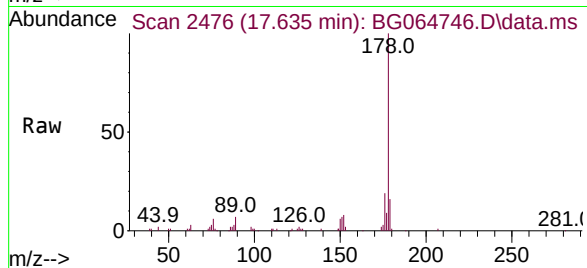
Tgt Ion:178 Resp: 65553
Ion Ratio Lower Upper
178 100
176 19.8 14.8 22.2
179 16.5 12.2 18.4





#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

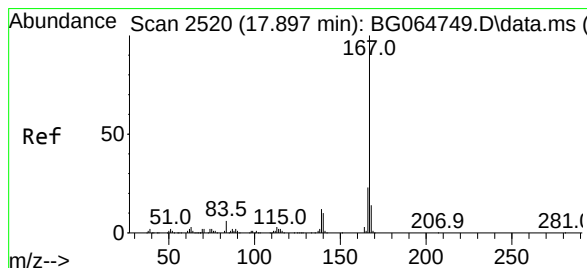
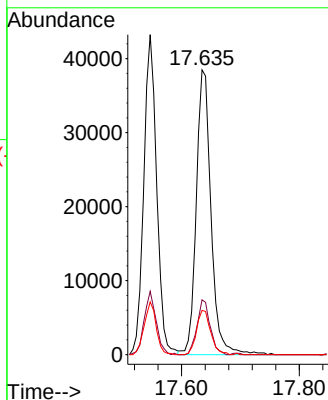
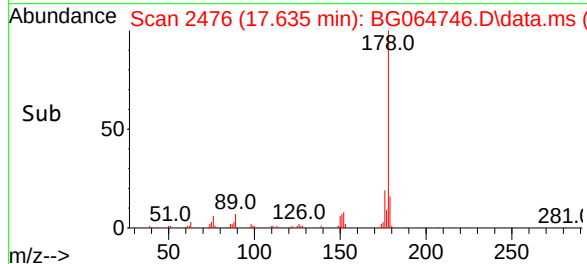
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

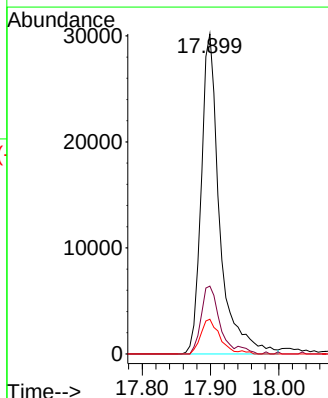
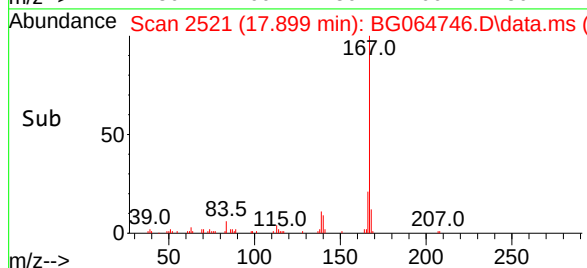
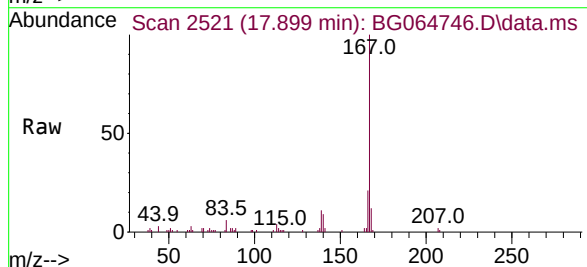
Manual Integrations
APPROVED

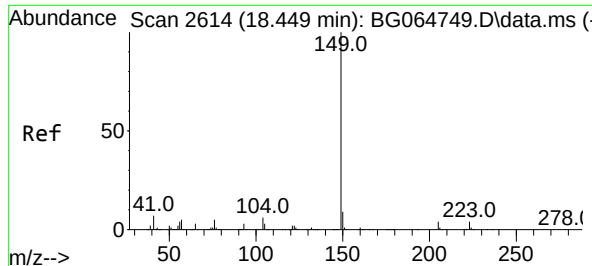
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

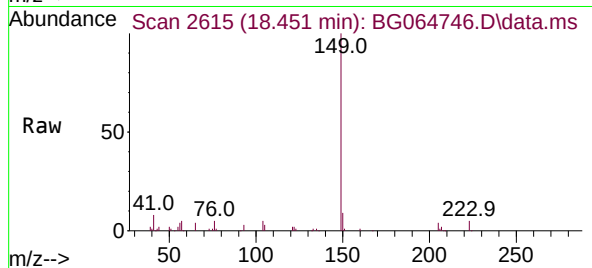
Tgt Ion:167 Resp: 56453
Ion Ratio Lower Upper
167 100
166 21.2 18.0 27.0
139 10.8 9.7 14.5





#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

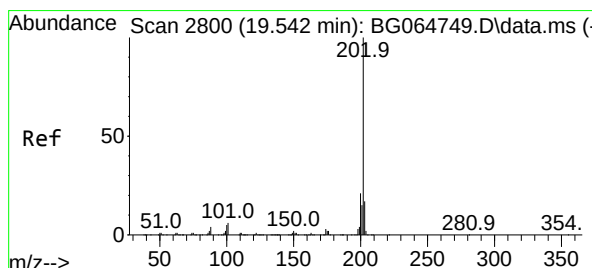
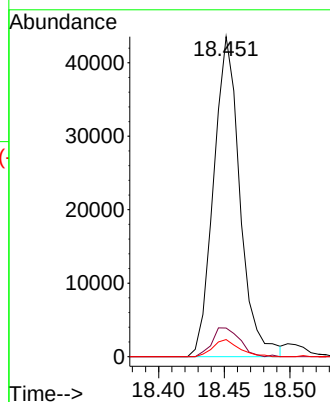
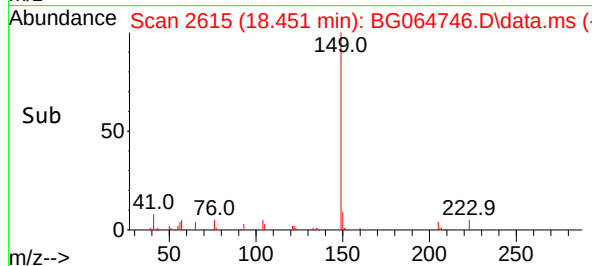
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

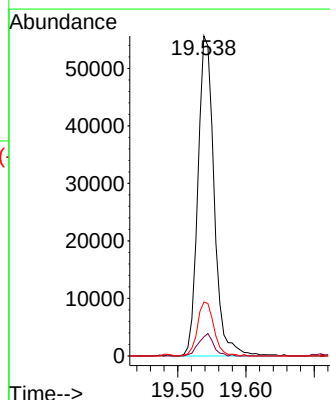
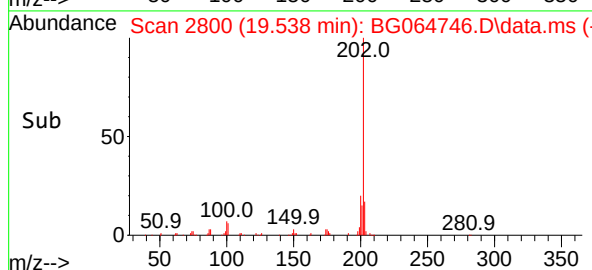
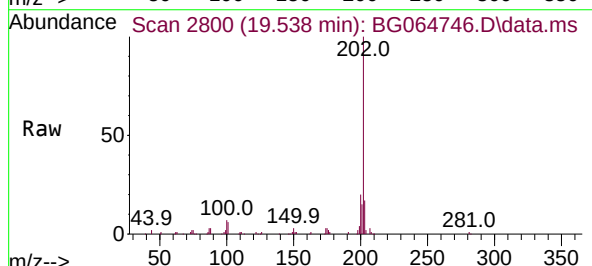
Manual Integrations
APPROVED

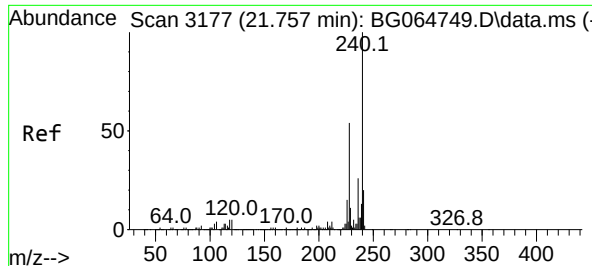
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

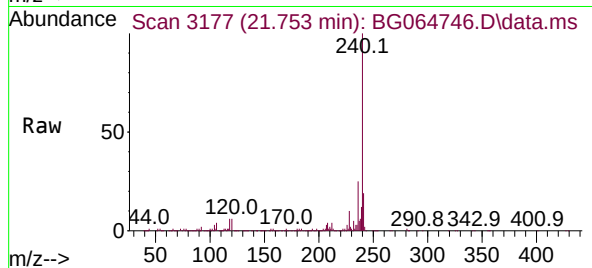
Tgt Ion:202 Resp: 91935
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.4
203 16.8 0.0 37.5





#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

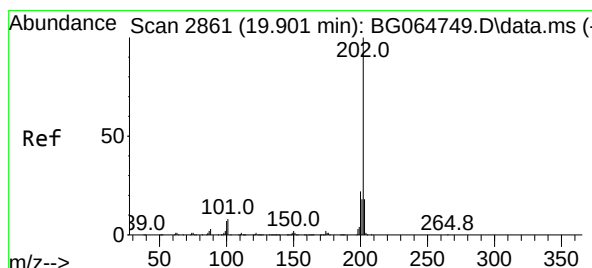
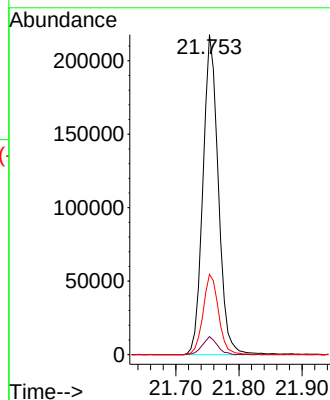
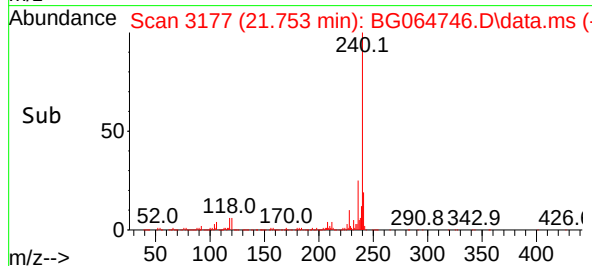
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

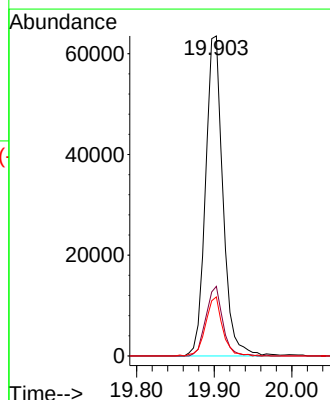
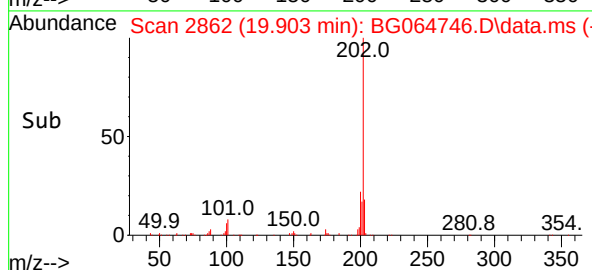
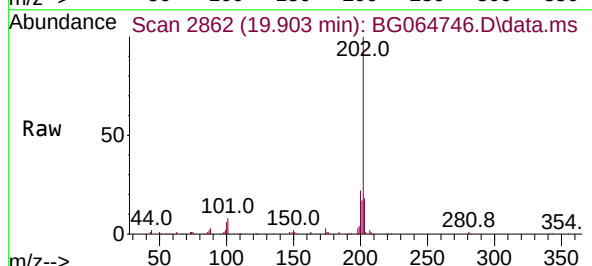
Manual Integrations
APPROVED

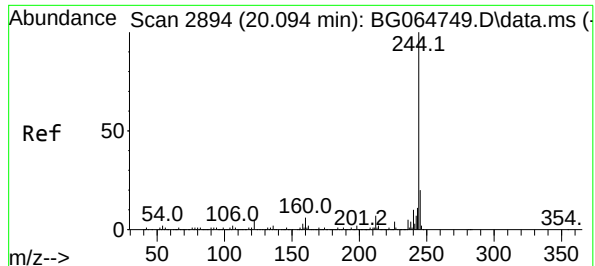
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

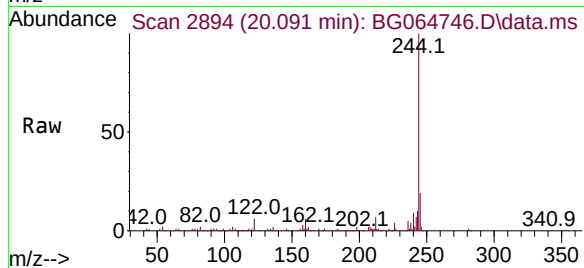
Tgt Ion:202 Resp: 98904
Ion Ratio Lower Upper
202 100
200 21.7 17.9 26.9
203 18.4 14.0 21.0





#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

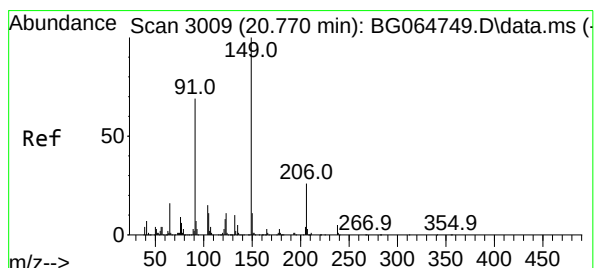
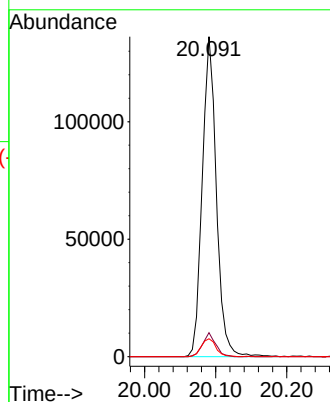
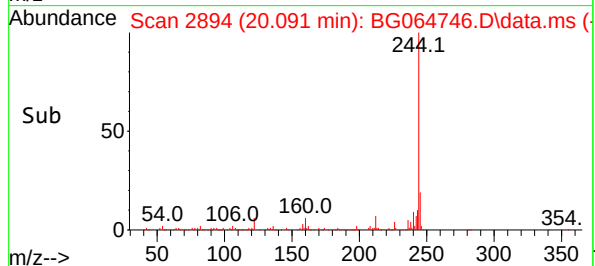
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



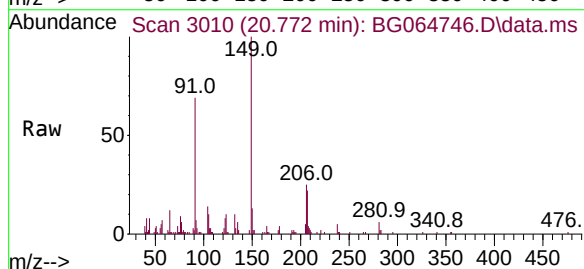
Tgt Ion:244 Resp: 187118
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 5.6 4.3 6.5

Manual Integrations
APPROVED

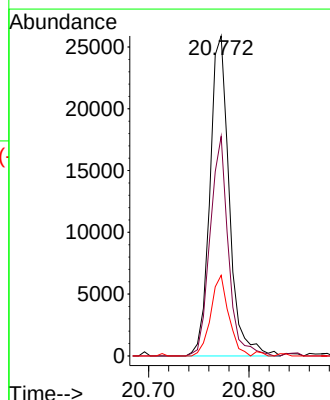
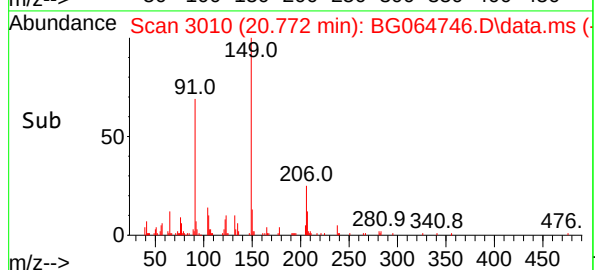
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

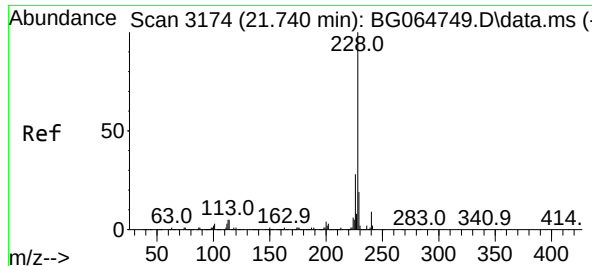


#80
Butylbenzylphthalate
Concen: 4.775 ng
RT: 20.772 min Scan# 3010
Delta R.T. 0.002 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



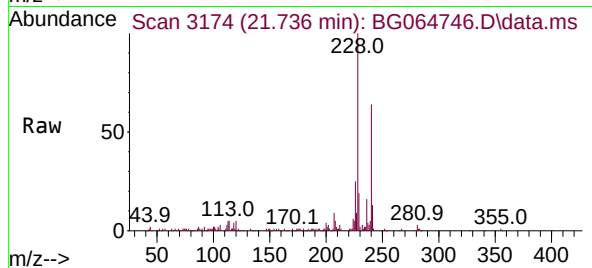
Tgt Ion:149 Resp: 34617
Ion Ratio Lower Upper
149 100
91 68.6 54.9 82.3
206 25.2 21.2 31.8





#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

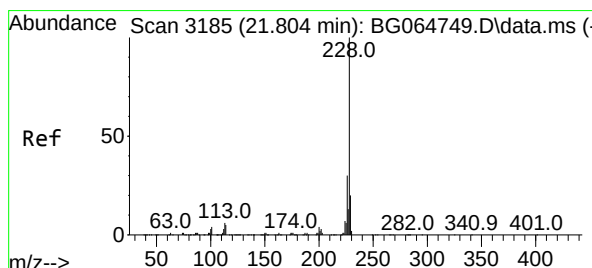
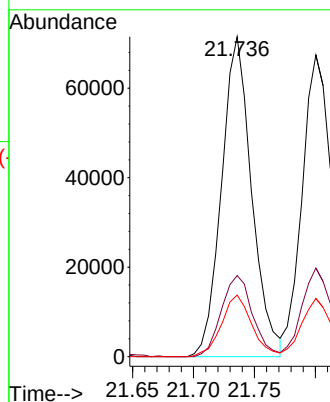
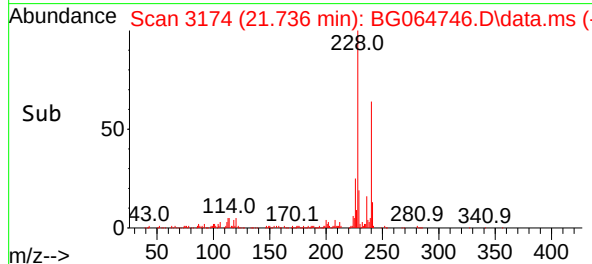
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



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

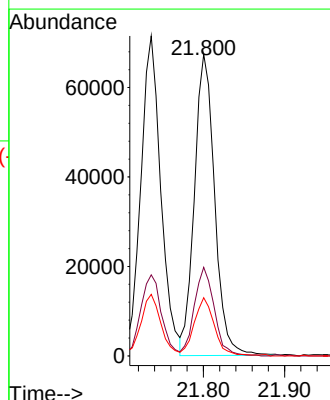
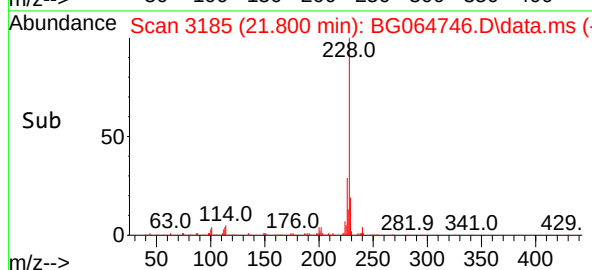
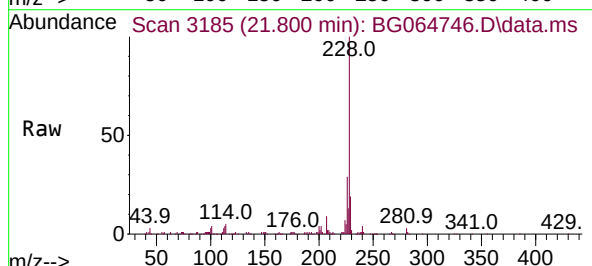
Manual Integrations
APPROVED

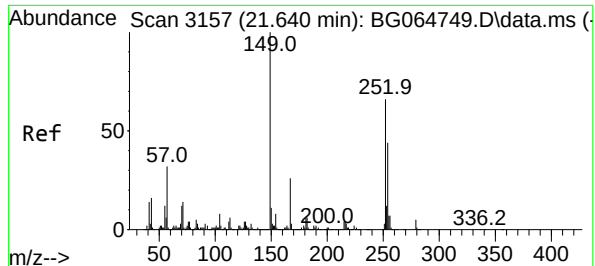
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





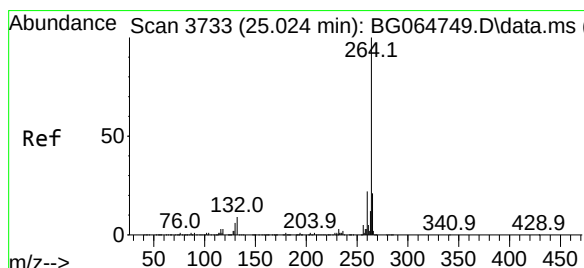
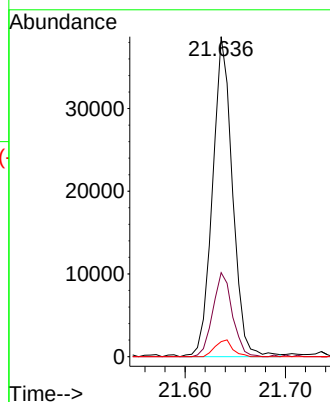
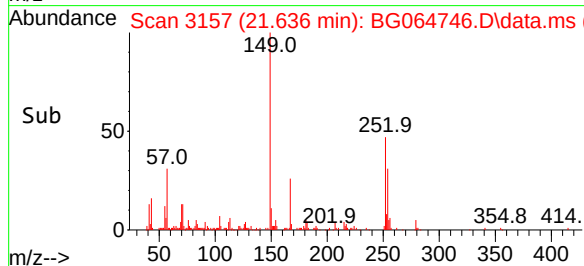
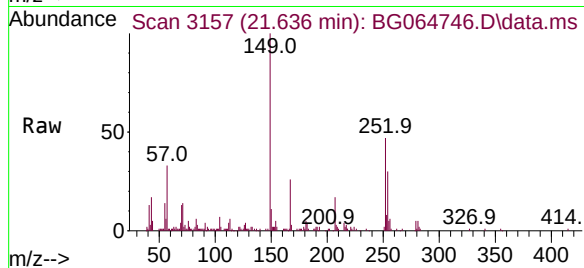
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.050 ng
RT: 21.636 min Scan# 3157
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 53498
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 4.7 4.1 6.1

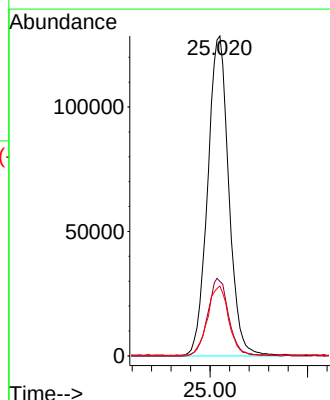
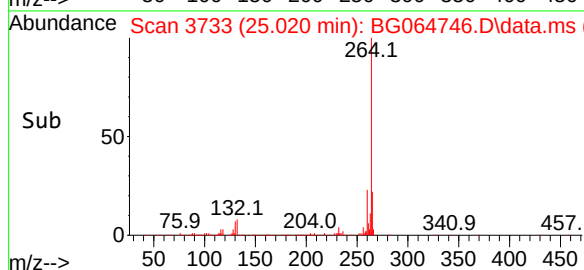
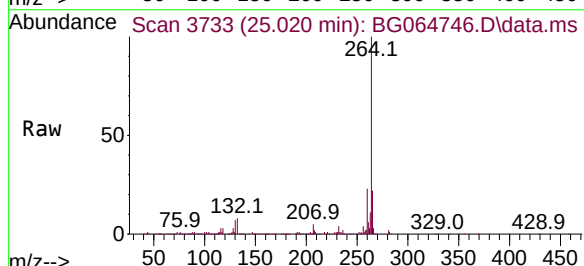
Manual Integrations
APPROVED

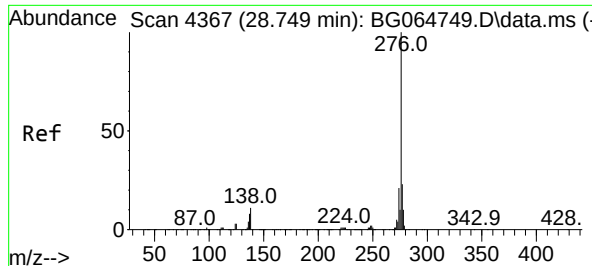
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

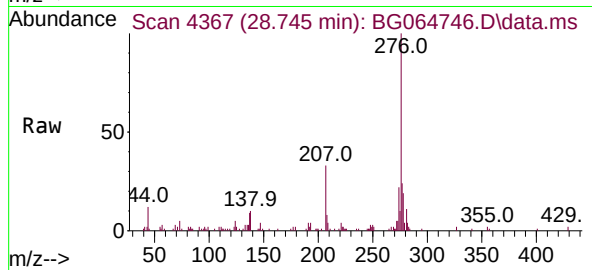
Tgt Ion:264 Resp: 386937
Ion Ratio Lower Upper
264 100
260 23.3 17.2 25.8
265 21.8 16.6 25.0





#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

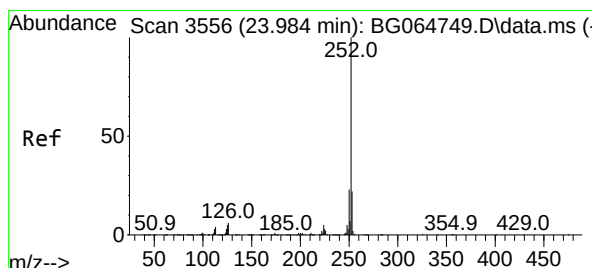
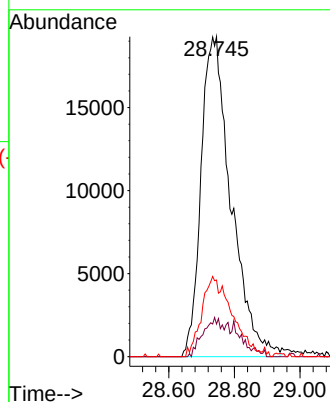
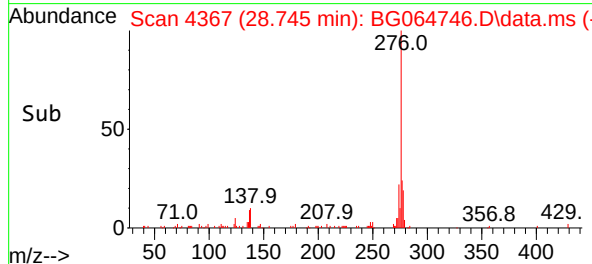
Instrument :
BNA_G
ClientSampleId :
SSTDICC005



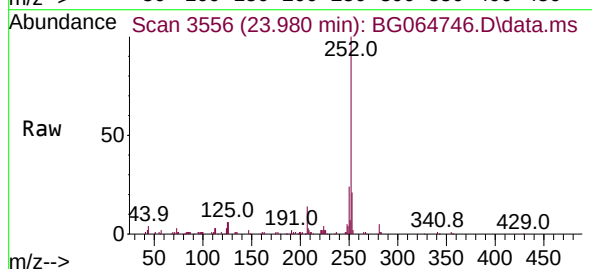
Tgt Ion: 276 Resp: 122095
Ion Ratio Lower Upper
276 100
138 7.8 4.5 6.7
277 25.3 20.0 30.0

Manual Integrations
APPROVED

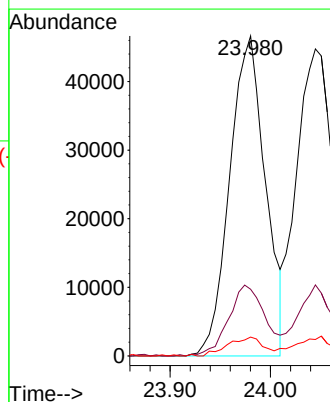
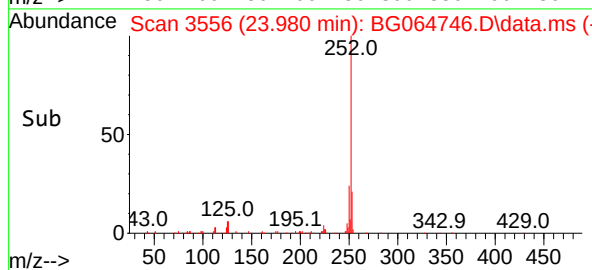
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025

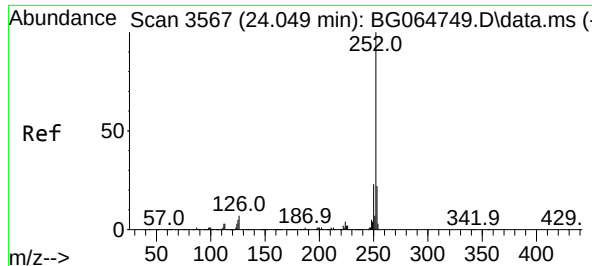


#88
Benzo(b)fluoranthene
Concen: 4.673 ng
RT: 23.980 min Scan# 3556
Delta R.T. -0.004 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58



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 :

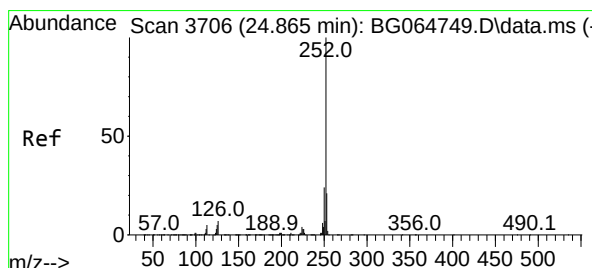
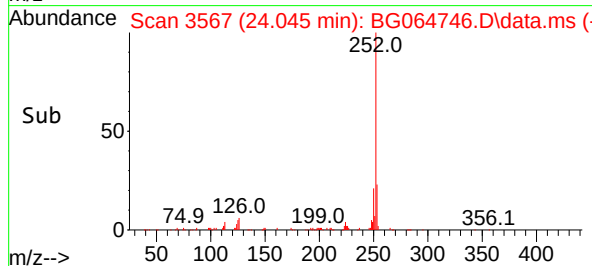
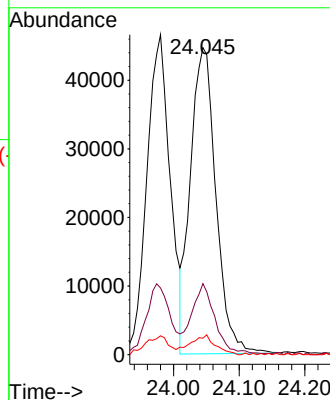
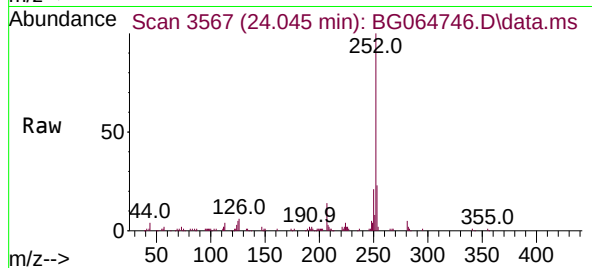
SSTDICC005

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

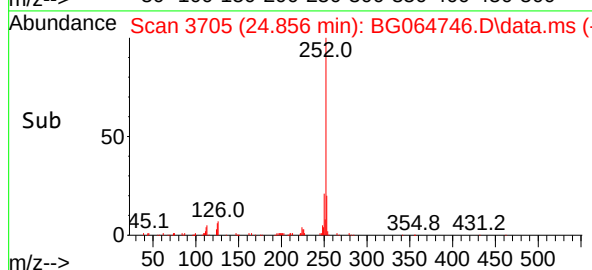
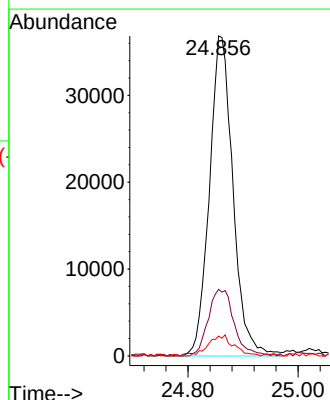
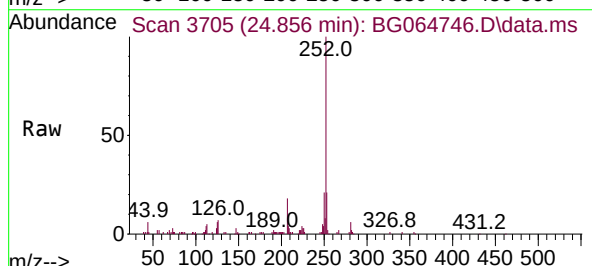
RT: 24.856 min Scan# 3705

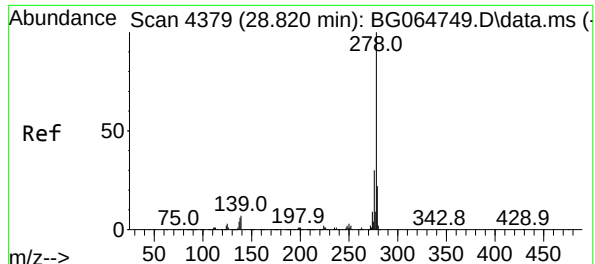
Delta R.T. -0.010 min

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





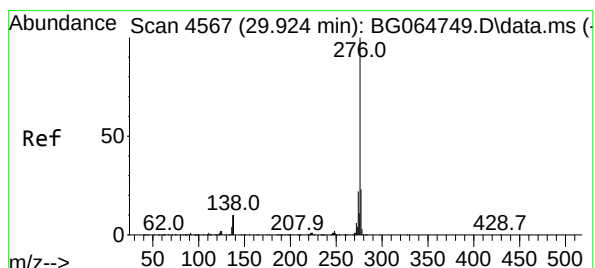
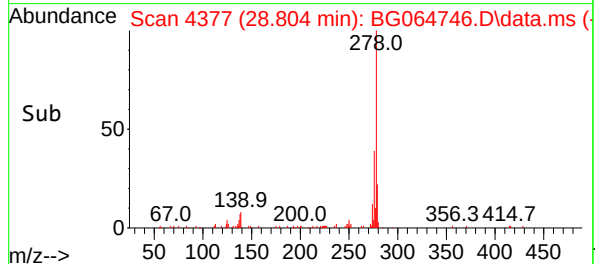
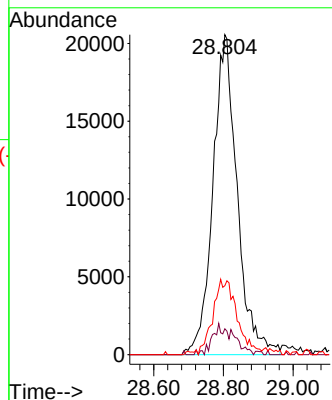
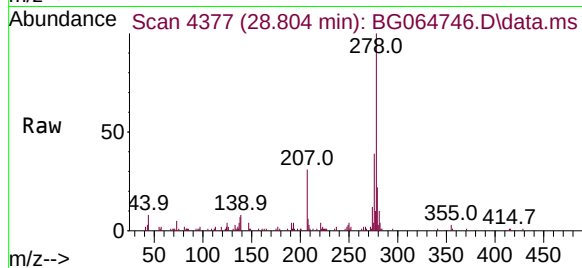
#91
Dibenzo(a,h)anthracene
Concen: 4.556 ng
RT: 28.804 min Scan# 4379
Delta R.T. -0.016 min
Lab File: BG064746.D
Acq: 12 Nov 2025 11:58

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

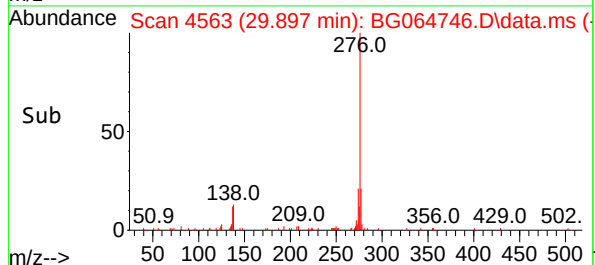
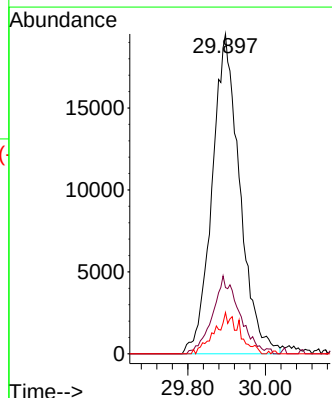
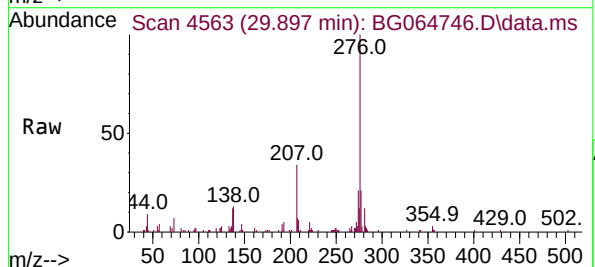
Manual Integrations
APPROVED

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

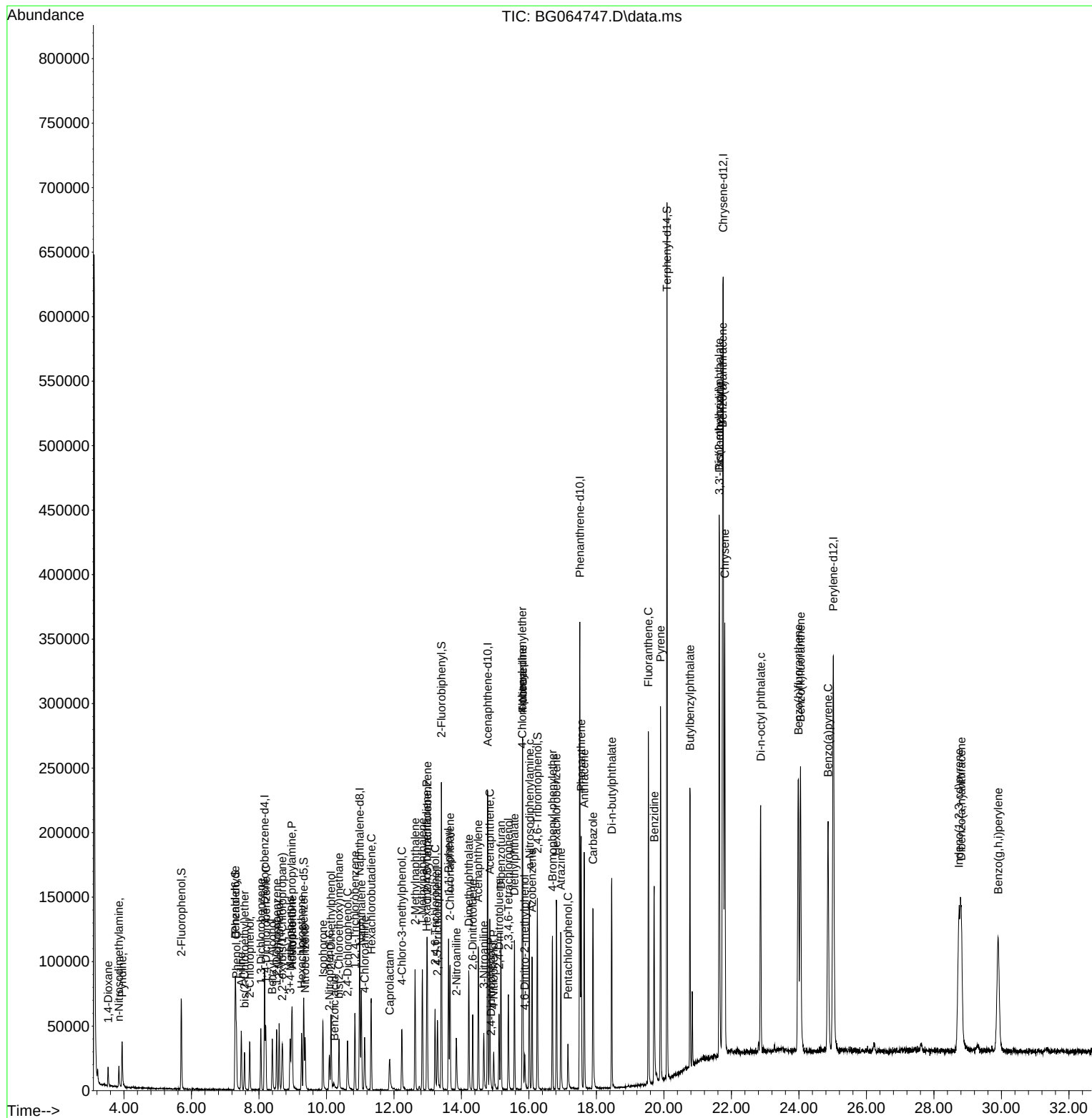
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Data File : BG064747.D  
Acq On    : 12 Nov 2025  12:39  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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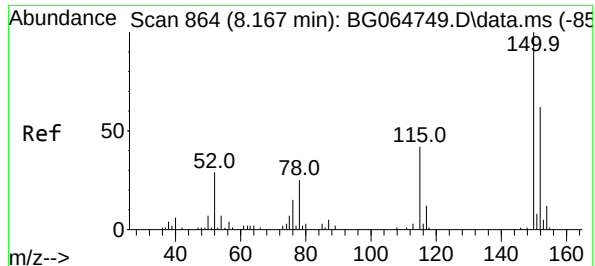
Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

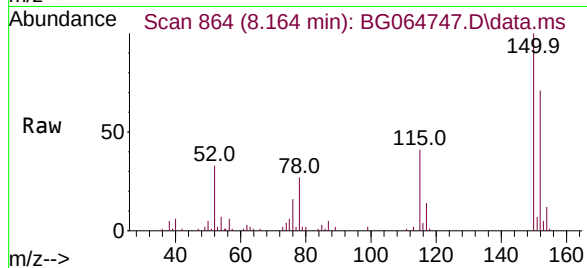
Quant Time: Nov 12 16:55:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration





#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

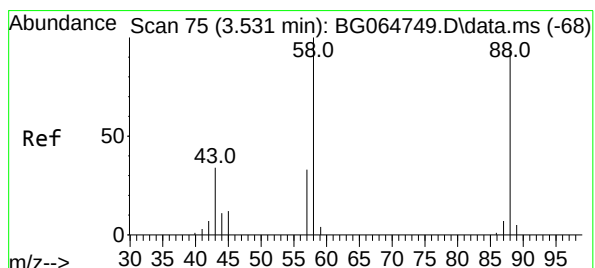
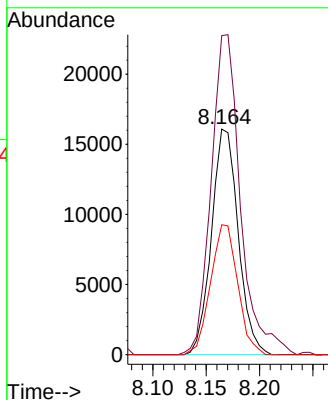
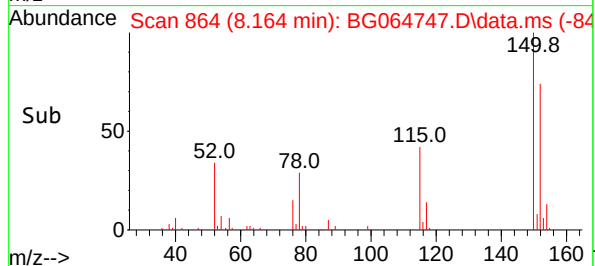
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



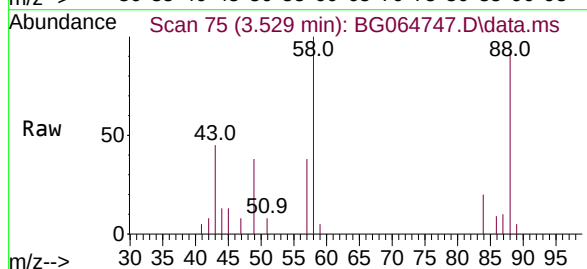
Tgt Ion:152 Resp: 28063
Ion Ratio Lower Upper
152 100
150 141.4 129.2 193.8
115 57.5 53.7 80.5

Manual Integrations
APPROVED

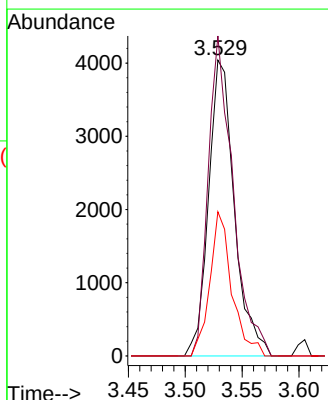
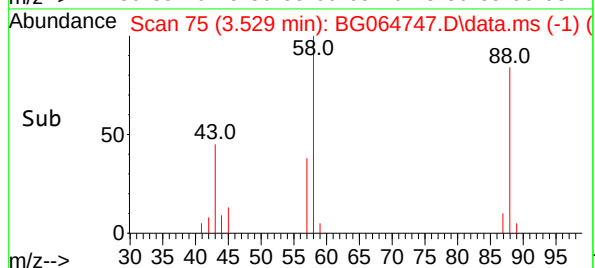
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

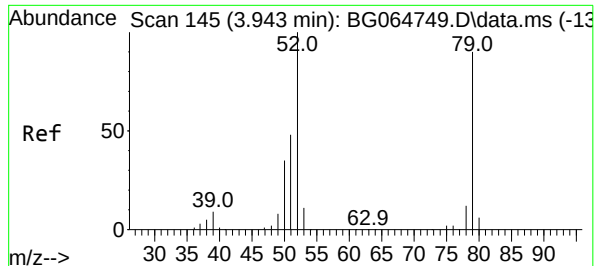


#2
1,4-Dioxane
Concen: 10.268 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



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

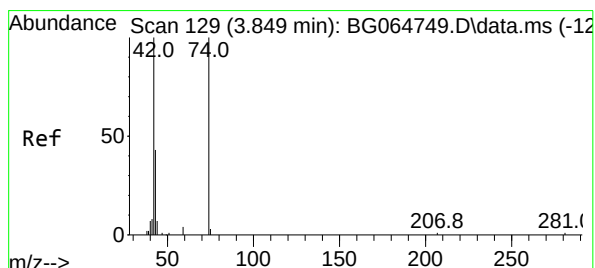
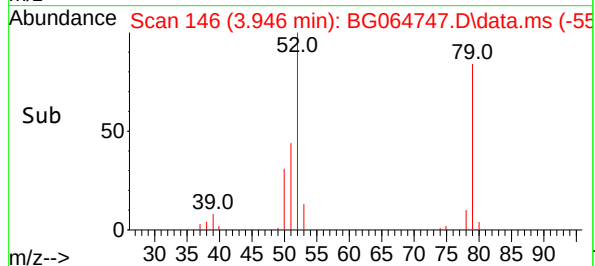
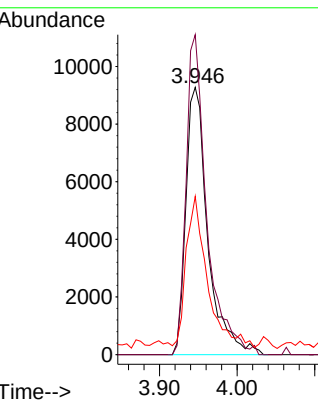
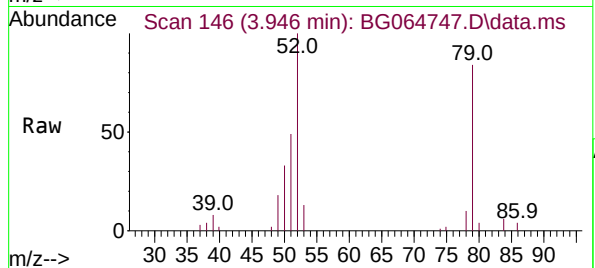
51 59.2 43.4 65.0

Manual Integrations

APPROVED

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

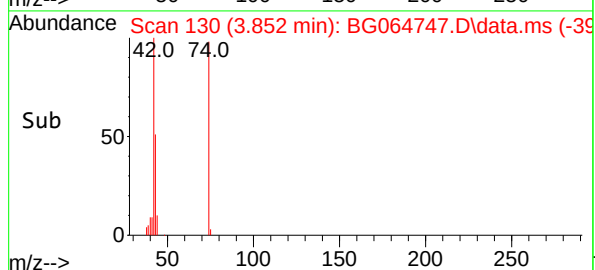
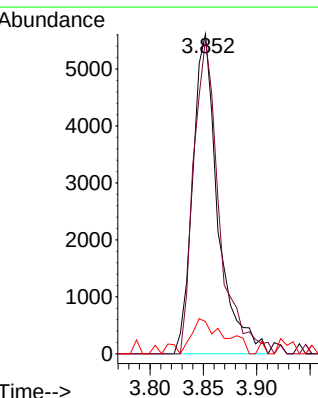
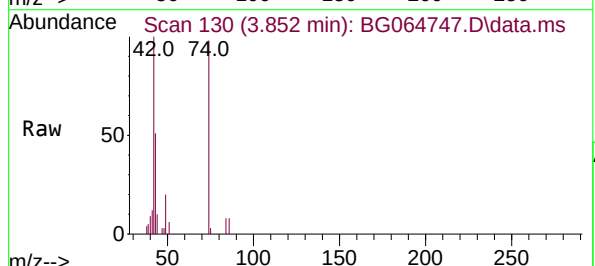
Tgt Ion: 42 Resp: 9221

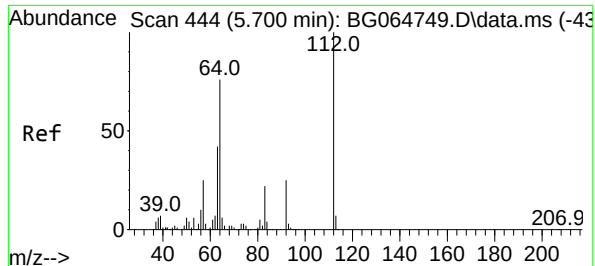
Ion Ratio Lower Upper

42 100

74 98.3 79.8 119.6

44 10.1 5.9 8.9#





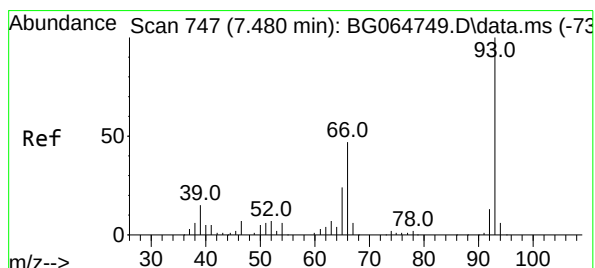
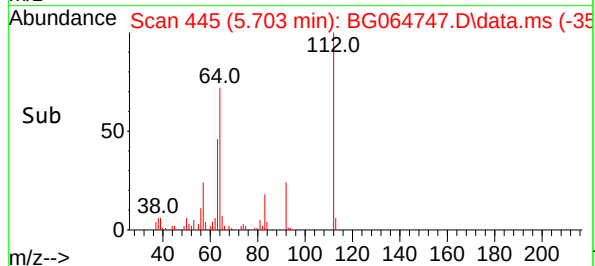
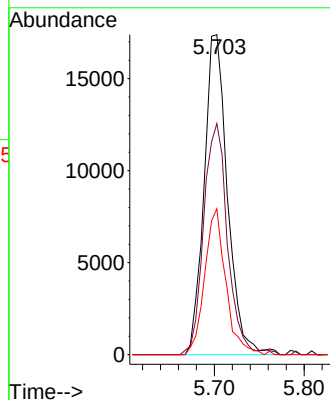
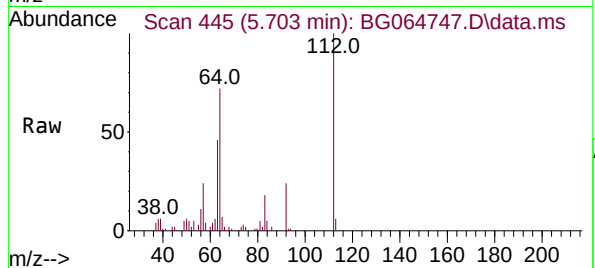
#5
2-Fluorophenol
Concen: 19.695 ng
RT: 5.703 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

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

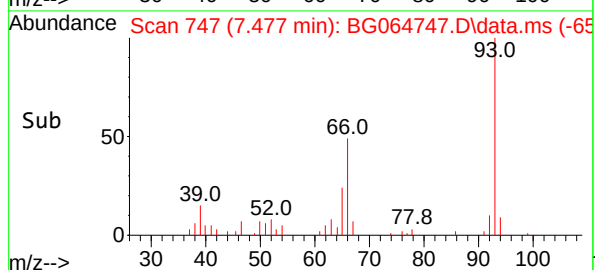
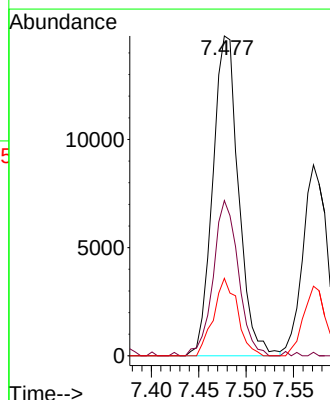
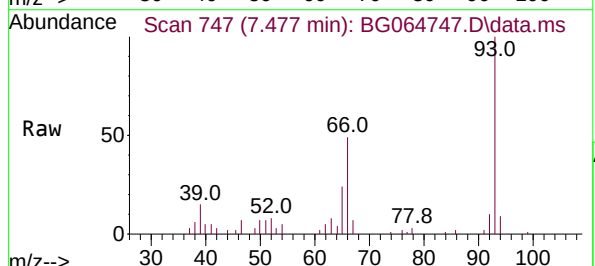
Manual Integrations
APPROVED

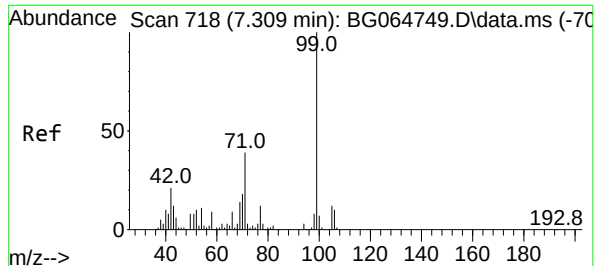
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

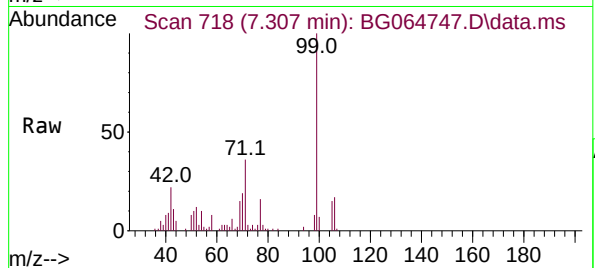
Tgt Ion	Ratio	Lower	Upper
93	100		
66	48.5	37.7	56.5
65	24.2	19.1	28.7





#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

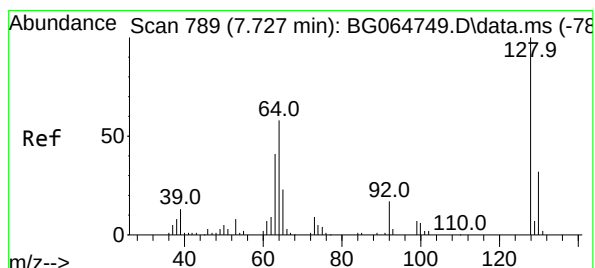
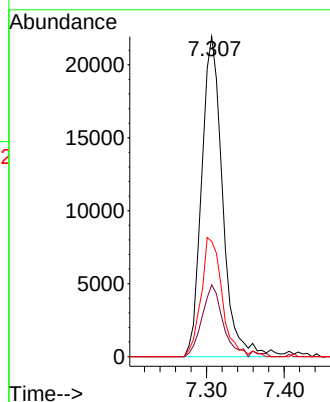
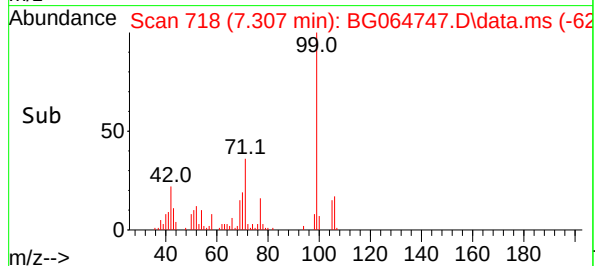
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



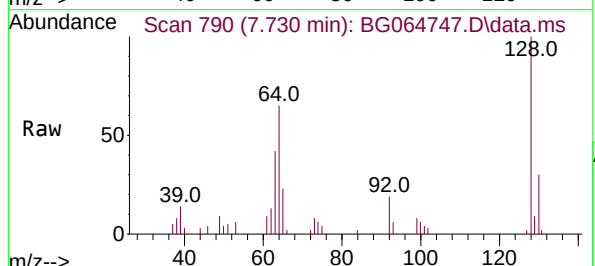
Tgt Ion: 99 Resp: 41135
Ion Ratio Lower Upper
99 100
42 22.4 16.8 25.2
71 36.0 31.1 46.7

Manual Integrations
APPROVED

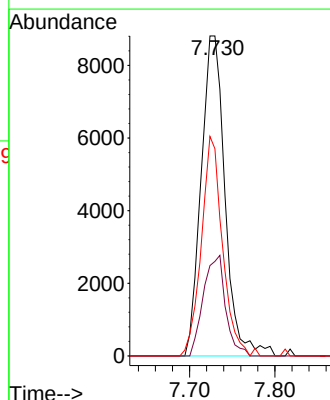
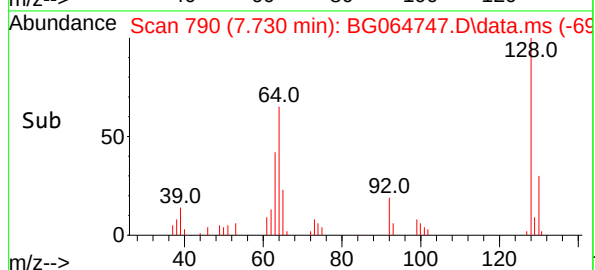
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

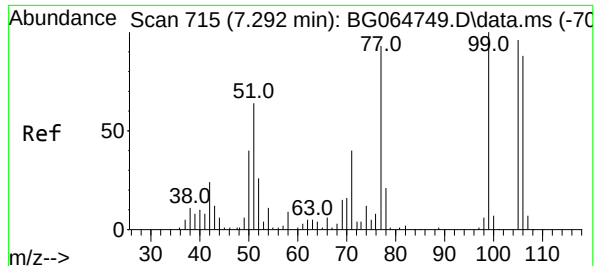


#8
2-Chlorophenol
Concen: 9.705 ng
RT: 7.730 min Scan# 790
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



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# 715

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

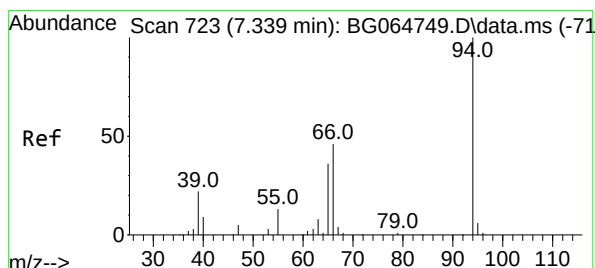
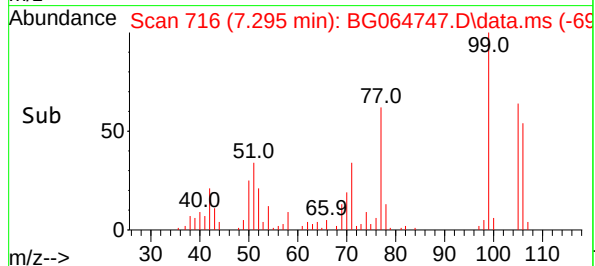
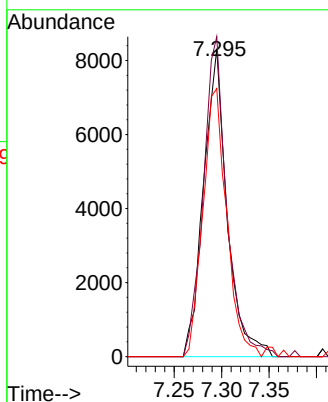
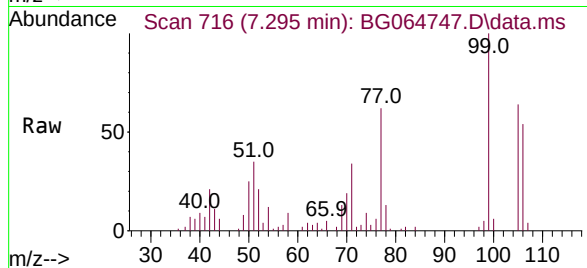
106 87.1 74.3 114.3

Manual Integrations

APPROVED

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

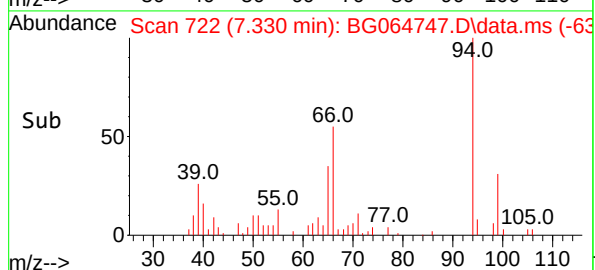
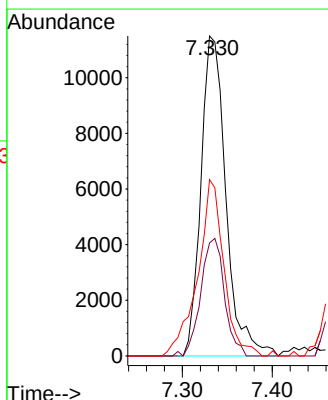
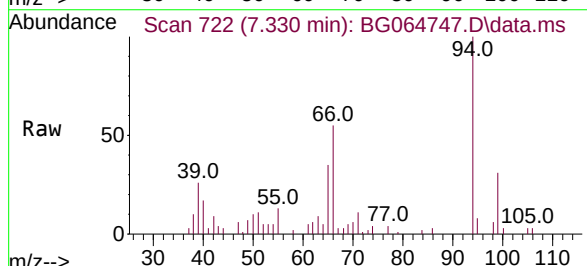
Tgt Ion: 94 Resp: 22227

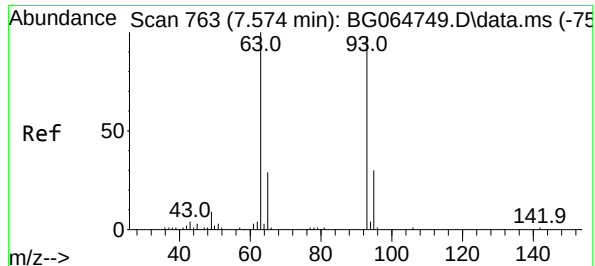
Ion Ratio Lower Upper

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

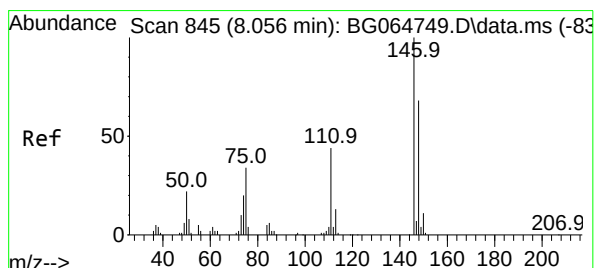
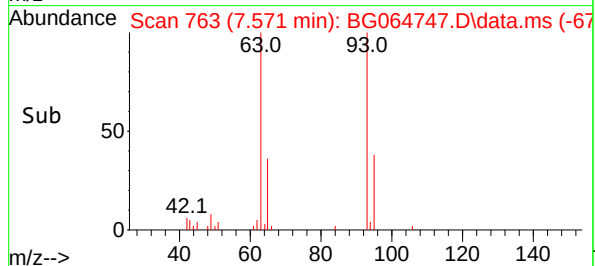
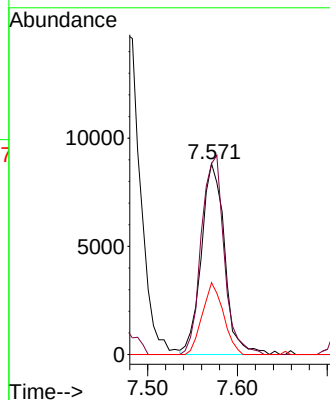
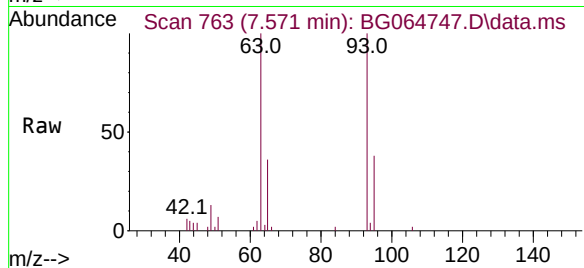
95 37.7 10.3 50.3

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

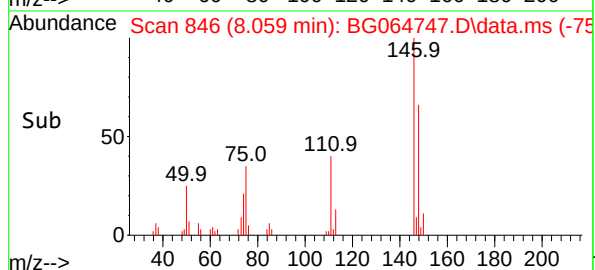
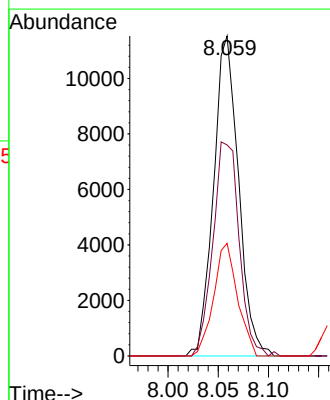
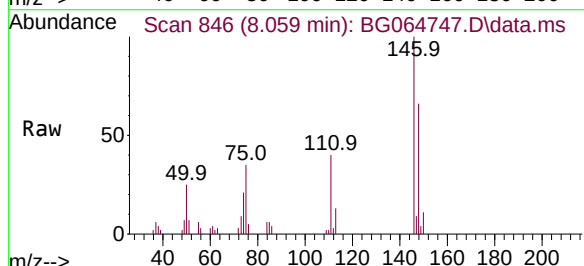
Tgt Ion:146 Resp: 19968

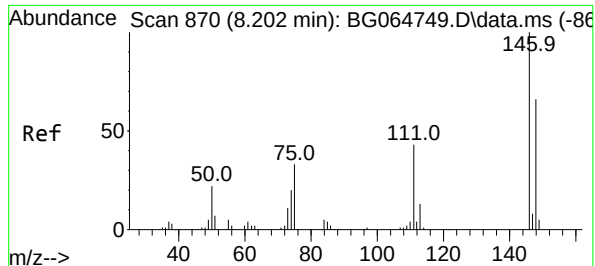
Ion Ratio Lower Upper

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: 20500

Ion Ratio Lower Upper

146 100

148 65.8 53.1 79.7

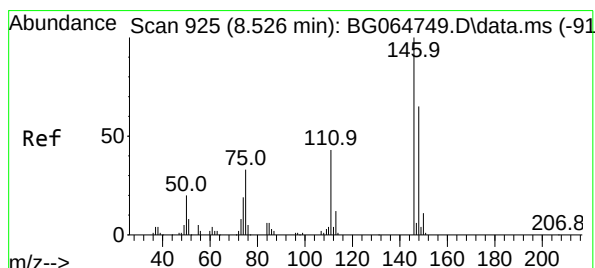
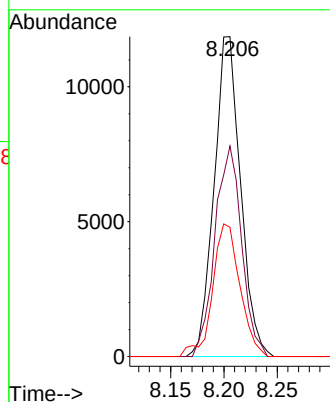
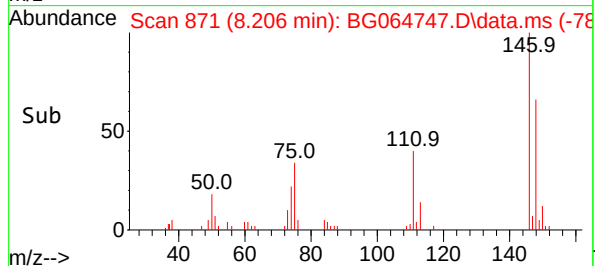
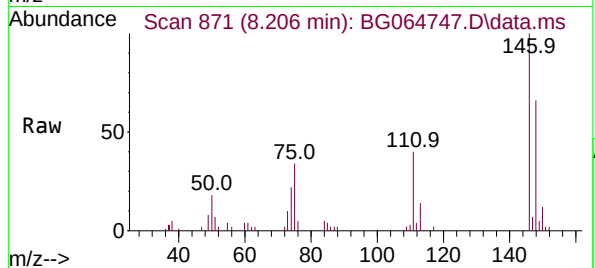
111 40.4 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 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

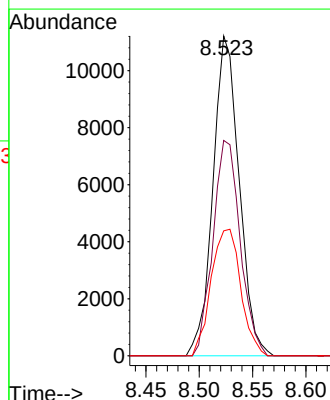
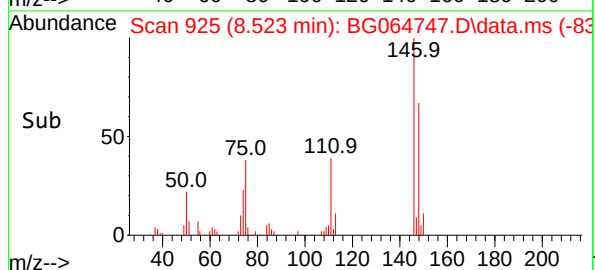
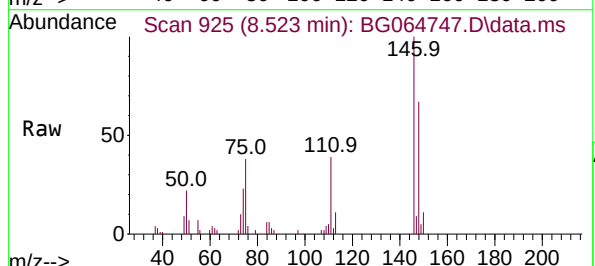
Tgt Ion:146 Resp: 19237

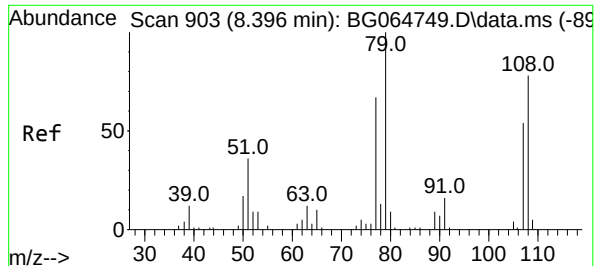
Ion Ratio Lower Upper

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

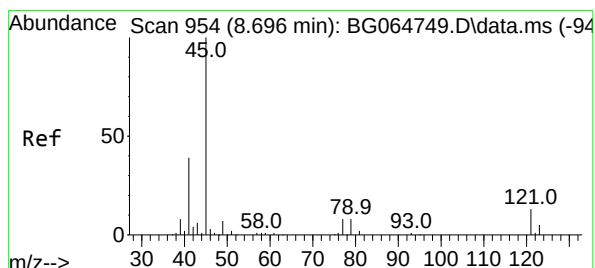
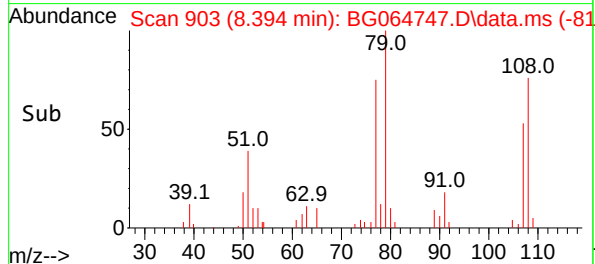
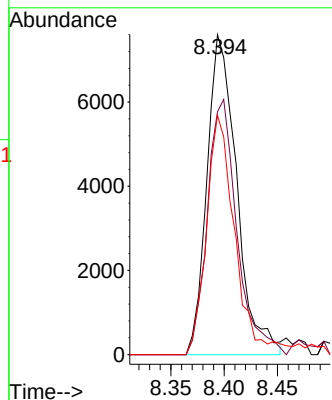
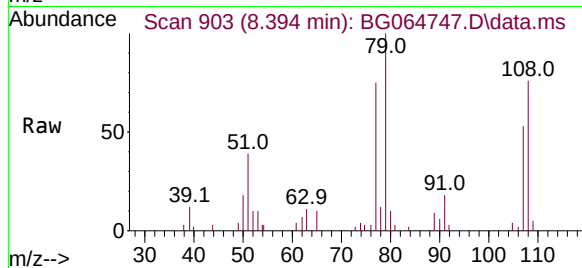
ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 14805
Ion Ratio Lower Upper
79 100
108 75.9 62.3 93.5
77 74.8 53.5 80.3

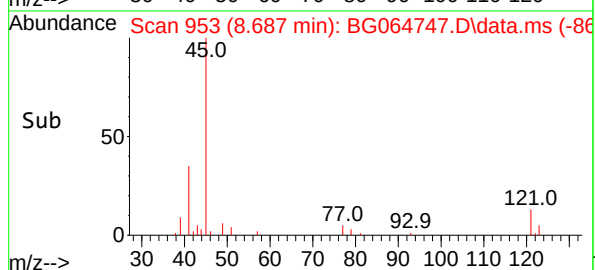
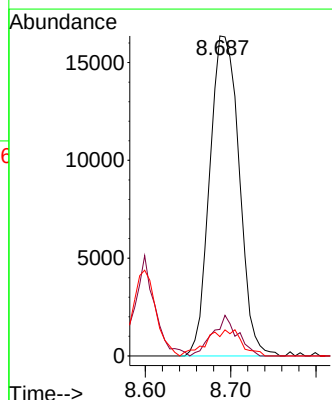
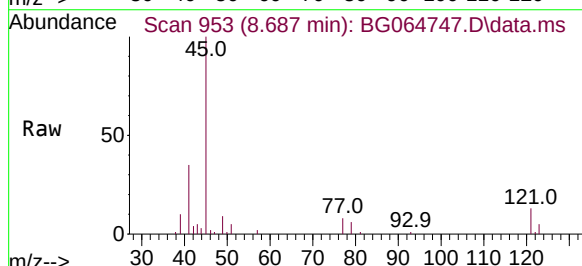
Manual Integrations
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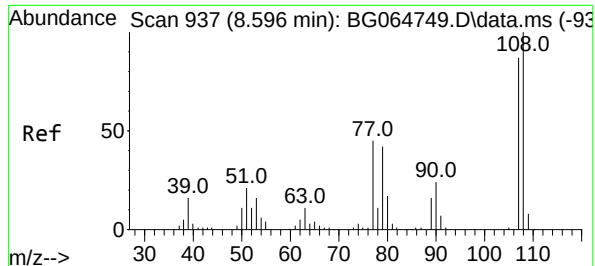
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 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

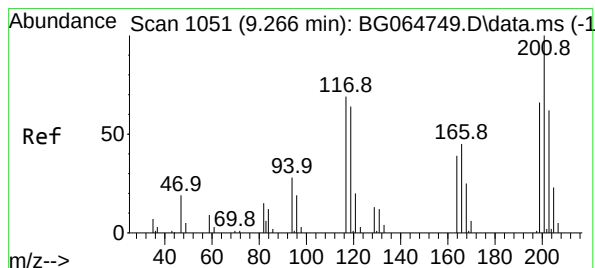
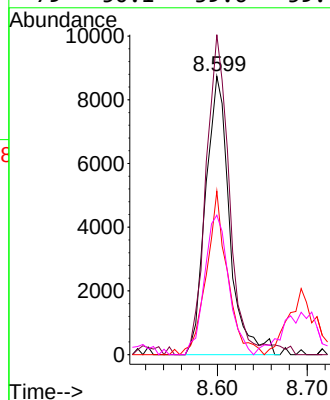
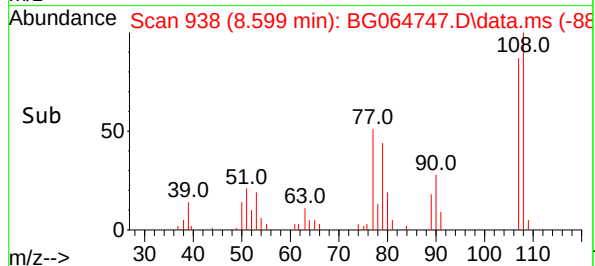
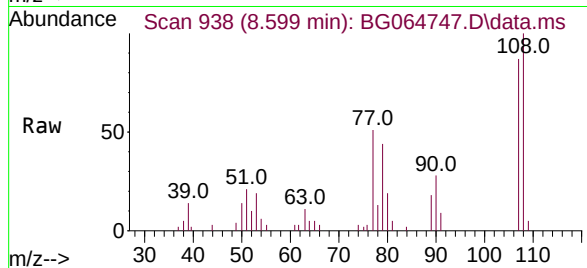
79 50.1 39.6 59.4

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

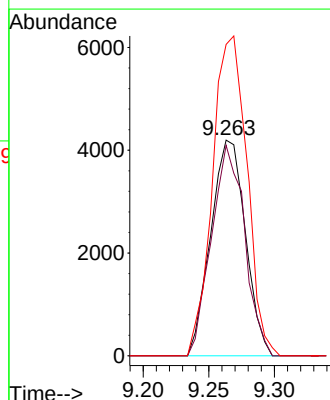
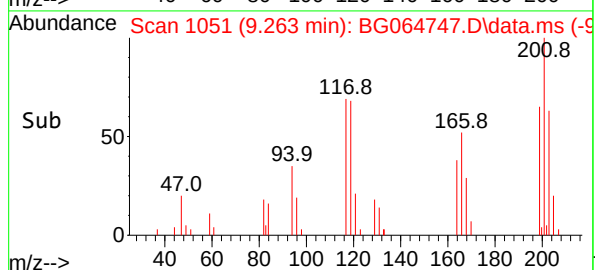
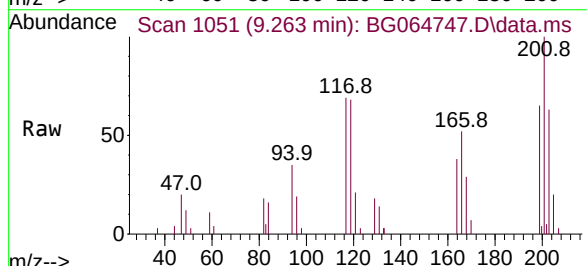
Tgt Ion:117 Resp: 7708

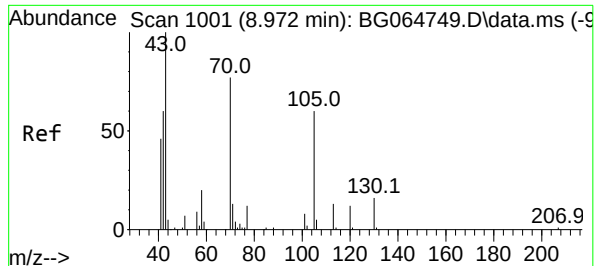
Ion Ratio Lower Upper

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

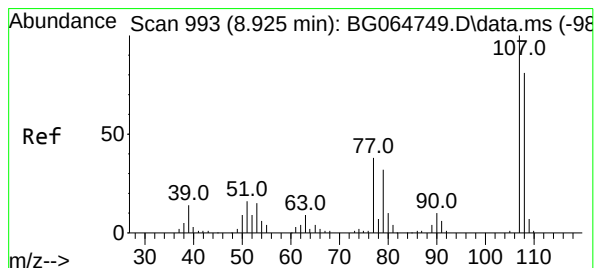
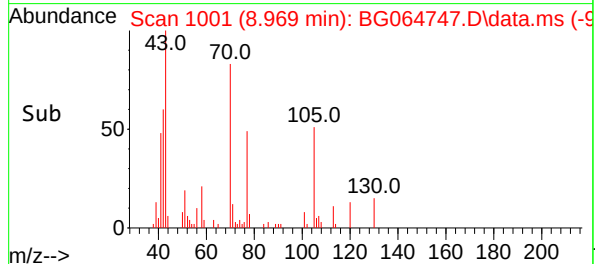
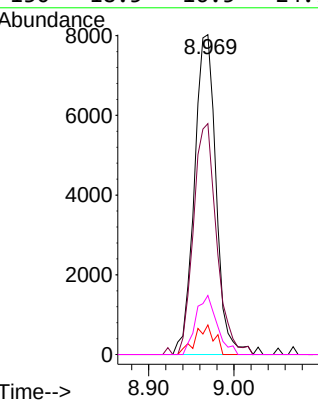
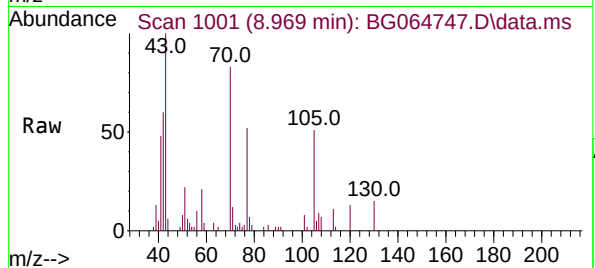
130 18.5 16.5 24.7

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

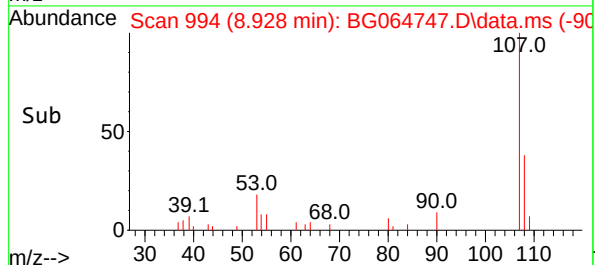
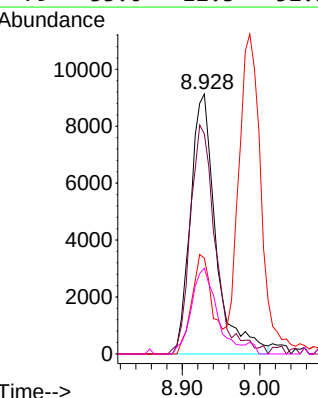
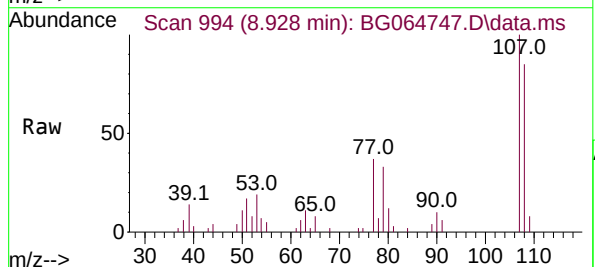
Ion Ratio Lower Upper

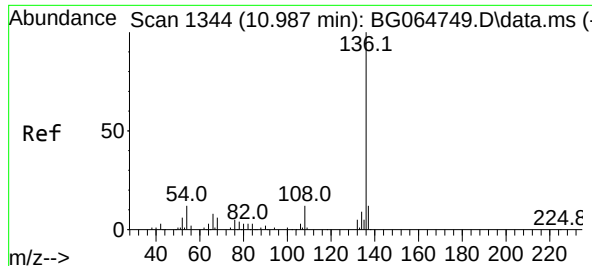
107 100

108 84.7 61.0 101.0

77 36.8 17.6 57.6

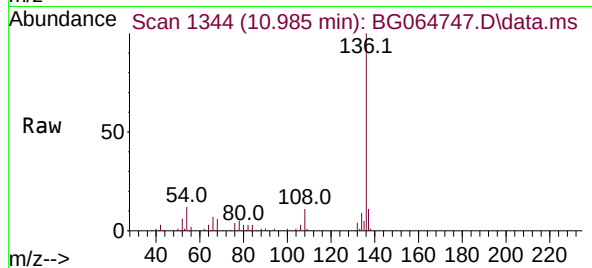
79 33.0 12.3 52.3





#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

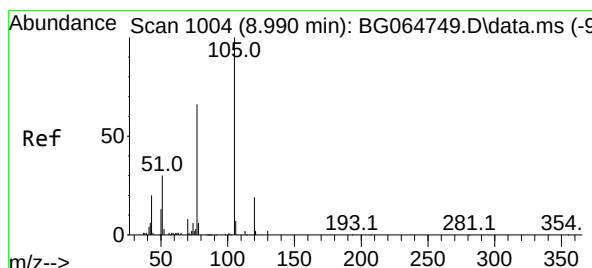
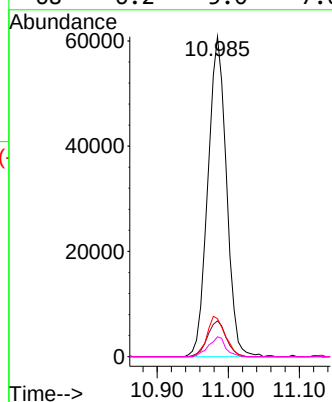
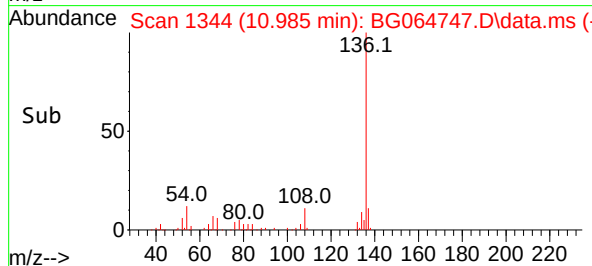
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:136 Resp: 110132
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

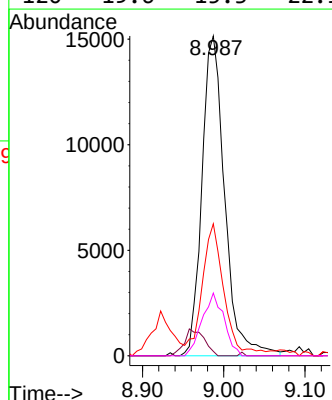
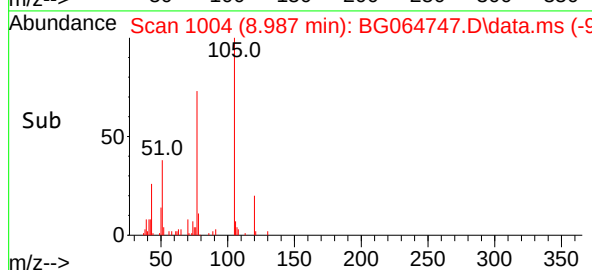
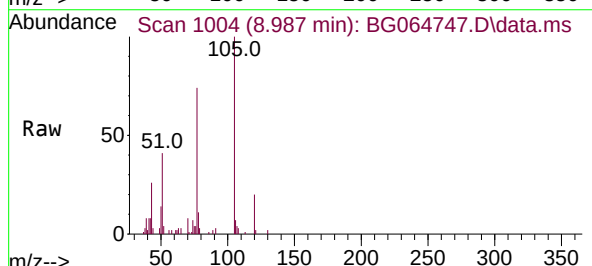
Manual Integrations
APPROVED

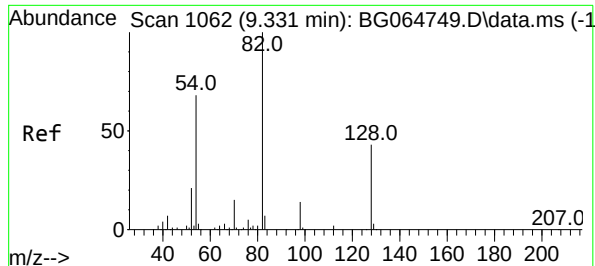
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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:105 Resp: 29535
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 :

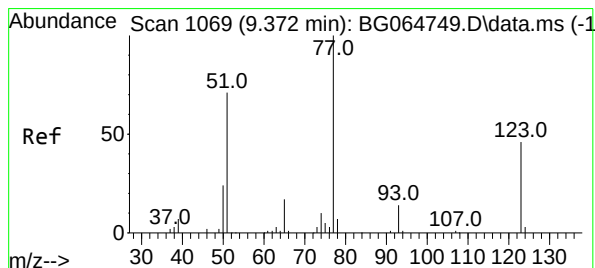
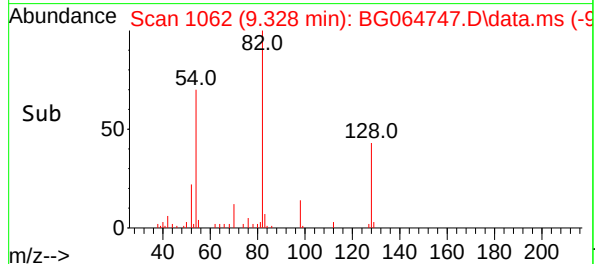
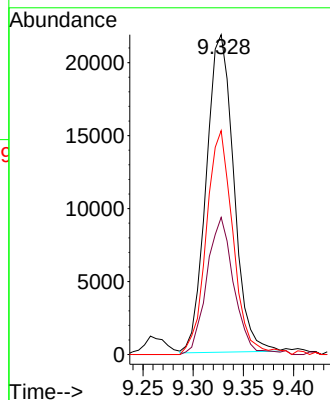
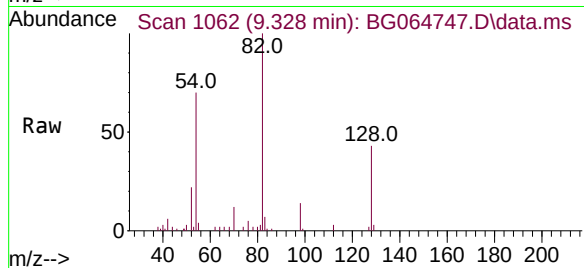
SSTDICC010

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

APPROVED

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



#24

Nitrobenzene

Concen: 9.730 ng

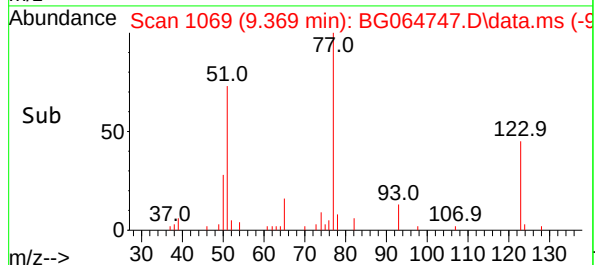
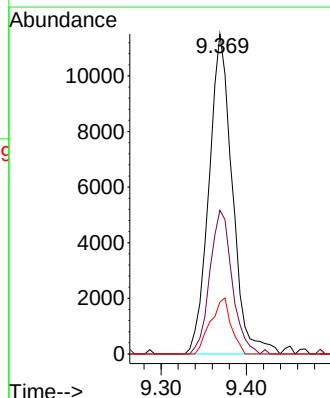
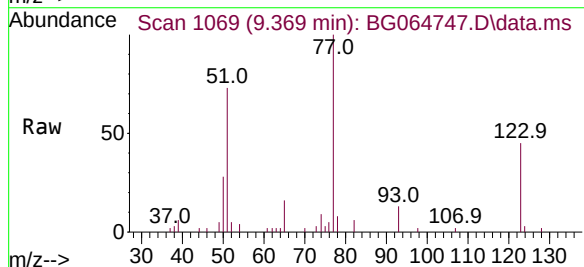
RT: 9.369 min Scan# 1069

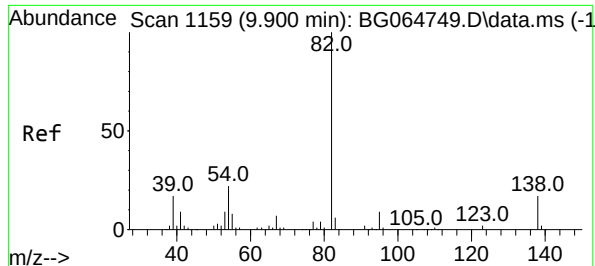
Delta R.T. -0.003 min

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





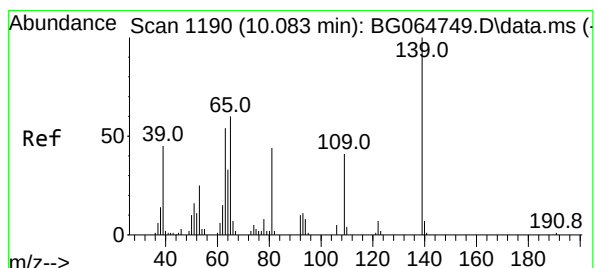
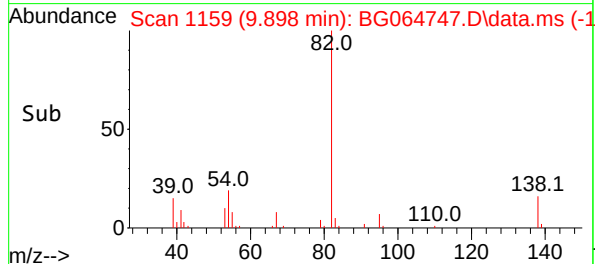
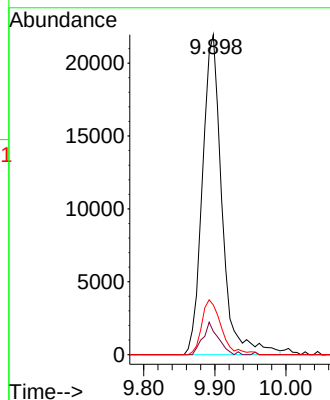
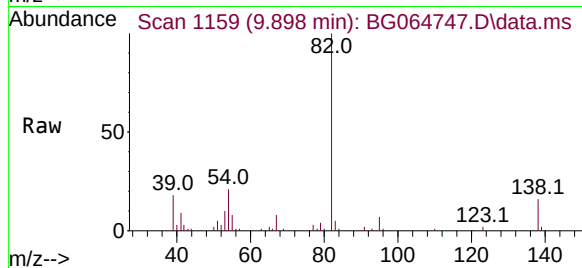
#25
Isophorone
Concen: 9.872 ng
RT: 9.898 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

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

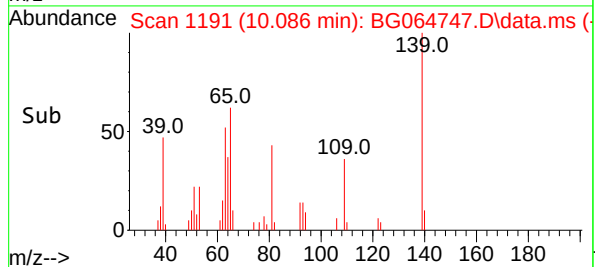
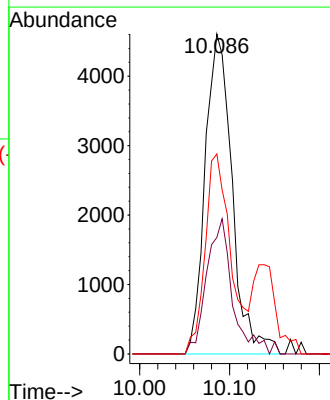
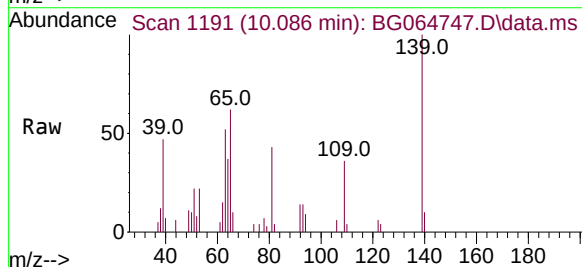
Manual Integrations
APPROVED

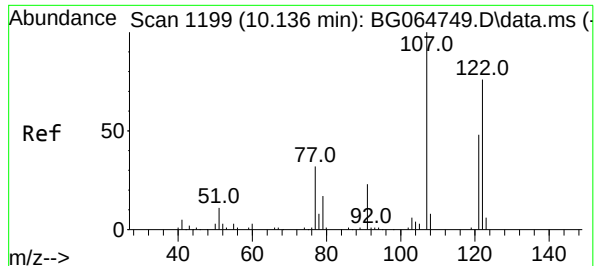
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

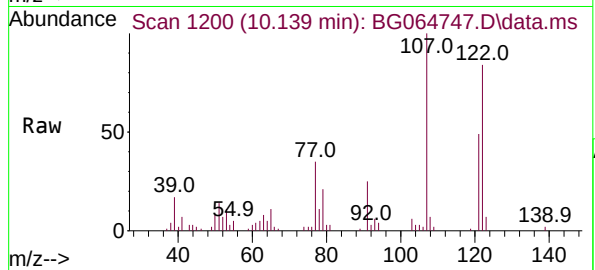
Tgt Ion:139 Resp: 9640
Ion Ratio Lower Upper
139 100
109 36.4 32.5 48.7
65 62.5 47.6 71.4





#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

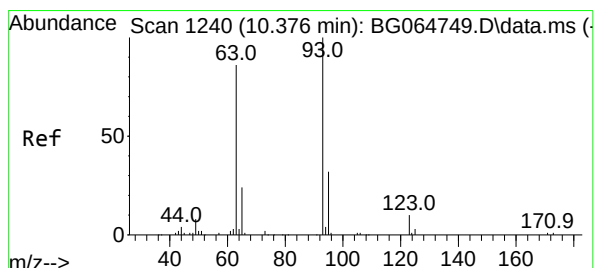
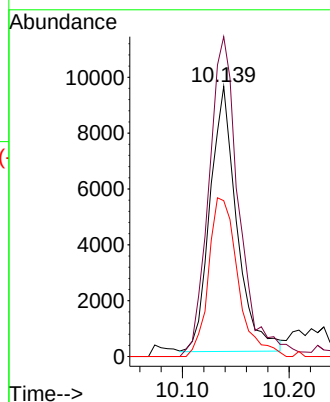
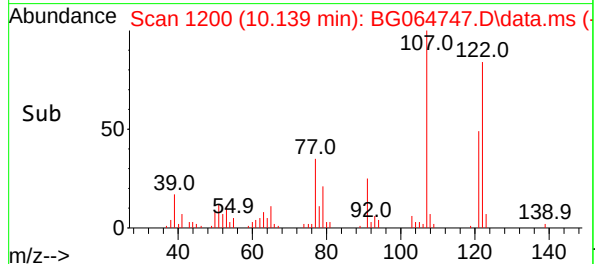
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

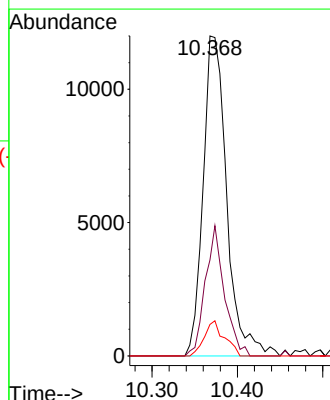
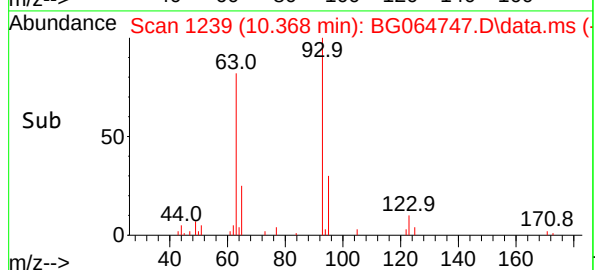
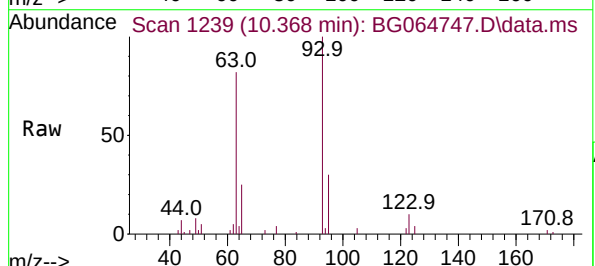
Manual Integrations
APPROVED

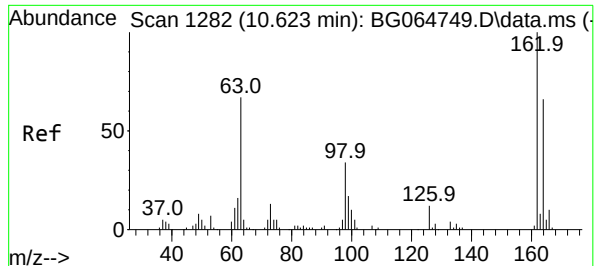
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

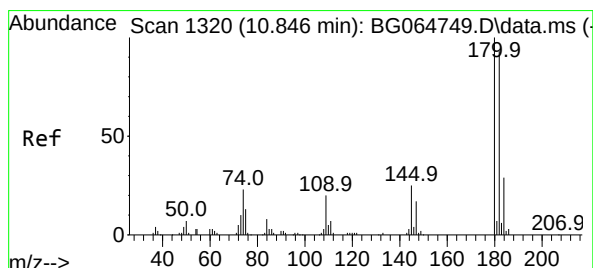
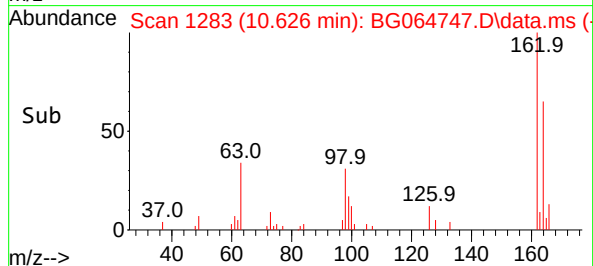
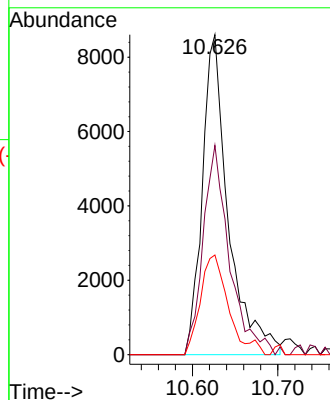
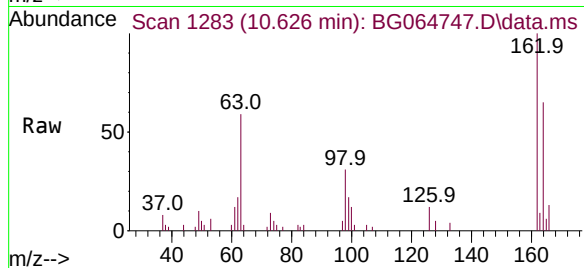
98 31.1 14.2 54.2

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

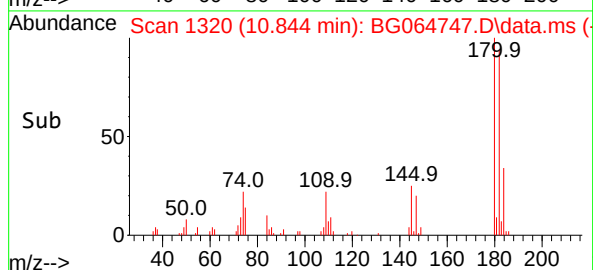
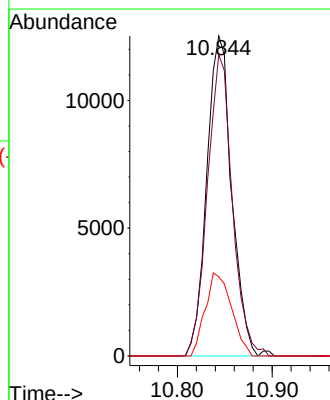
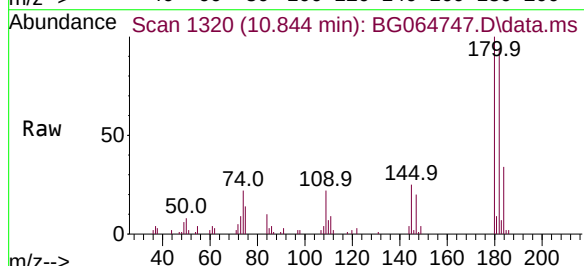
Tgt Ion:180 Resp: 22952

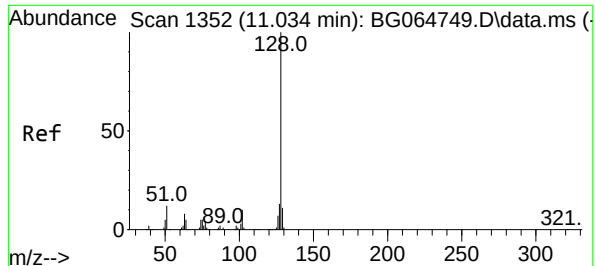
Ion Ratio Lower Upper

180 100

182 94.1 74.2 111.4

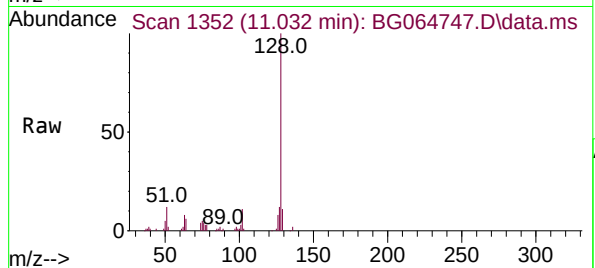
145 24.7 20.0 30.0





#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

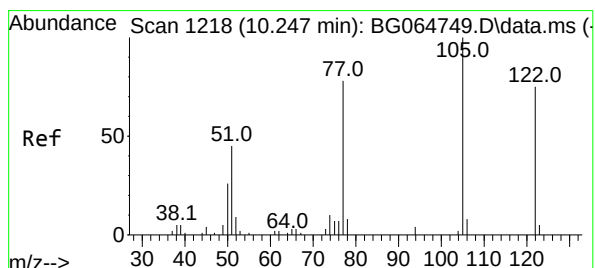
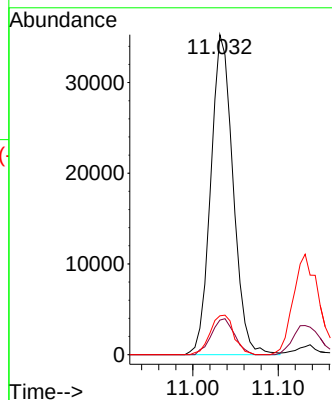
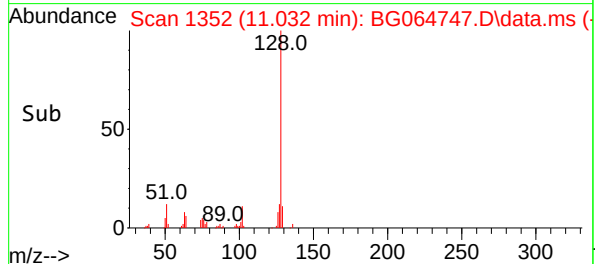
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

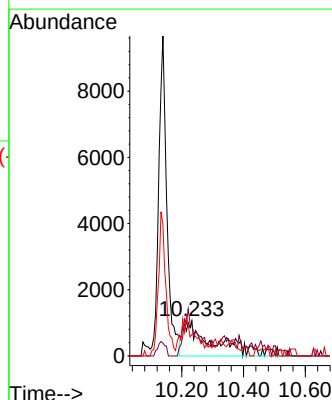
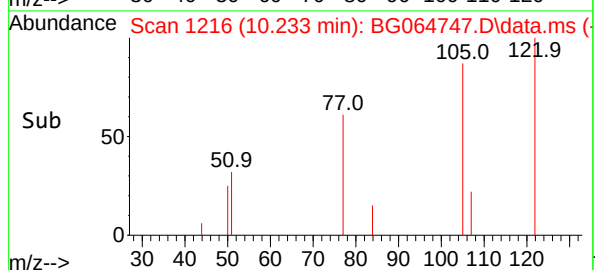
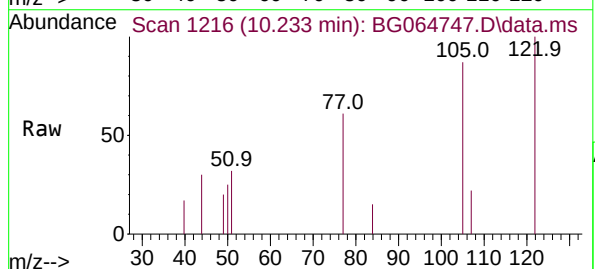
Manual Integrations
APPROVED

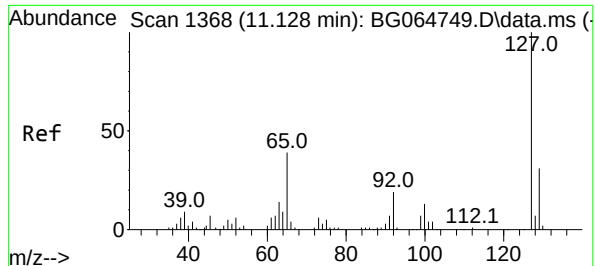
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

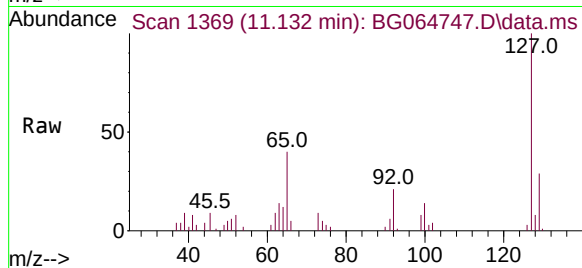
Tgt Ion:122 Resp: 7448
Ion Ratio Lower Upper
122 100
105 87.4 107.6 147.6#
77 61.3 82.5 122.5#





#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

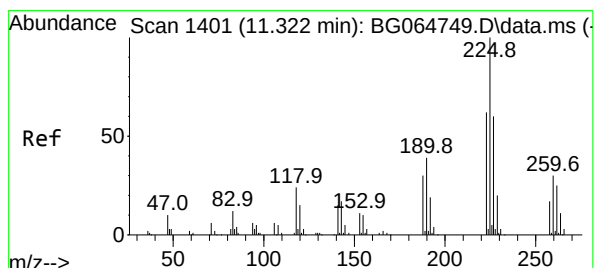
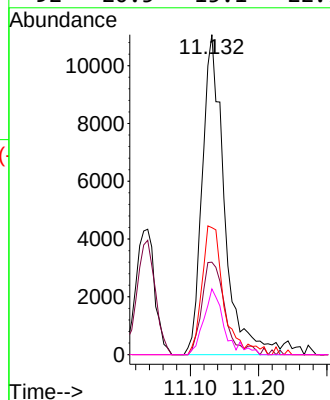
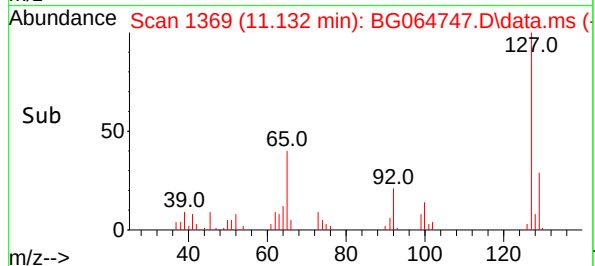
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



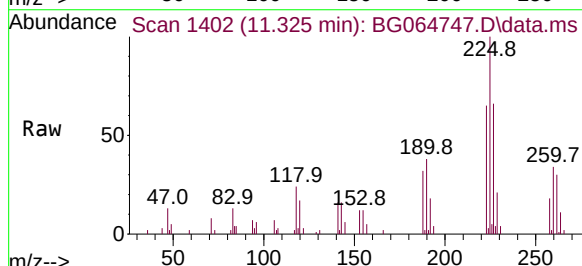
Tgt Ion:127 Resp: 2489
Ion Ratio Lower Upper
127 100
129 28.9 24.9 37.3
65 39.7 30.9 46.3
92 20.5 15.1 22.7

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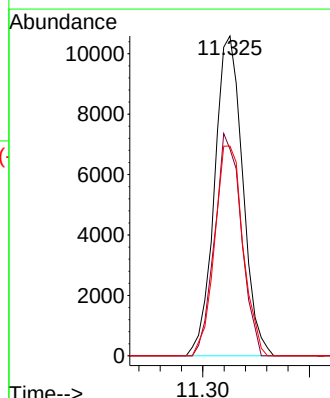
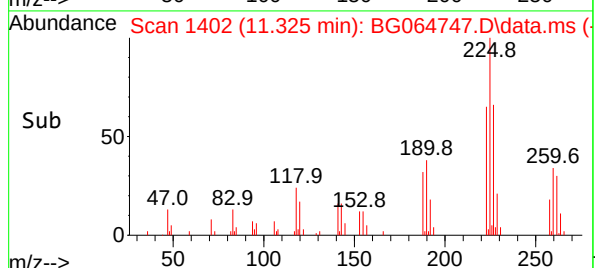
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

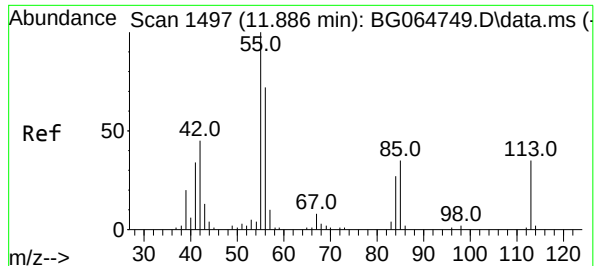


#34
Hexachlorobutadiene
Concen: 9.713 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



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





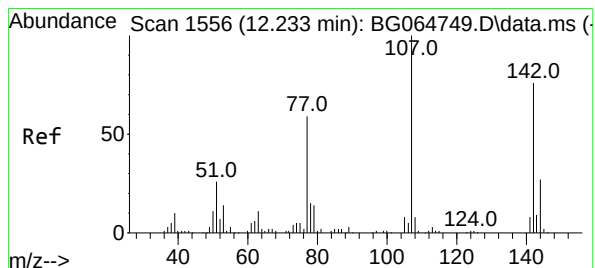
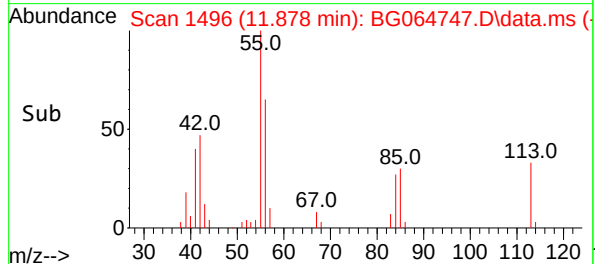
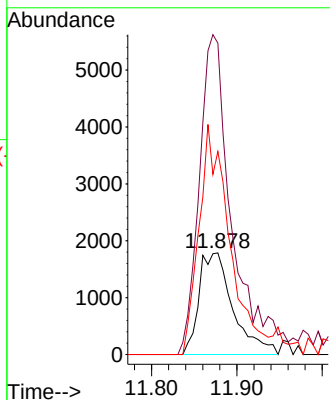
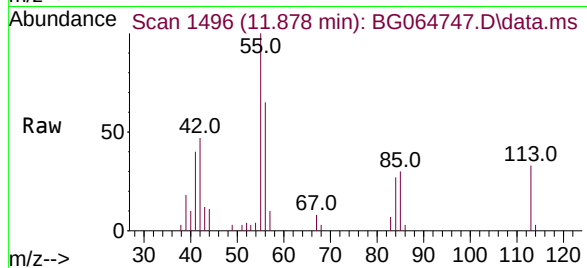
#35
Caprolactam
Concen: 8.592 ng
RT: 11.878 min Scan# 1497
Delta R.T. -0.009 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

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

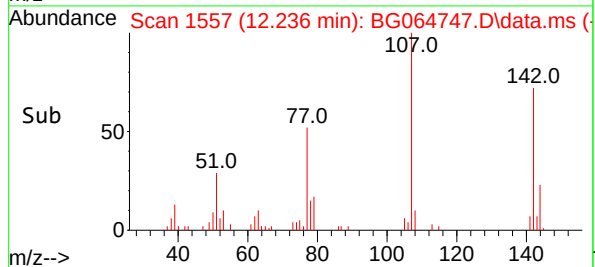
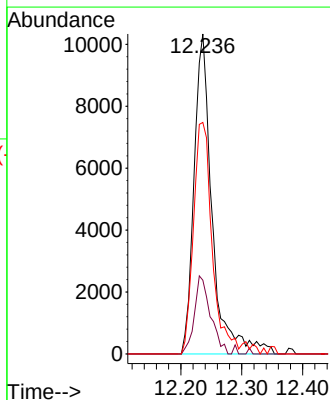
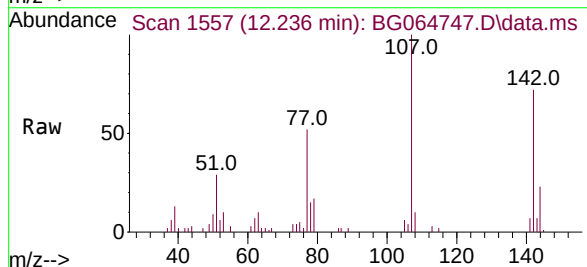
Manual Integrations
APPROVED

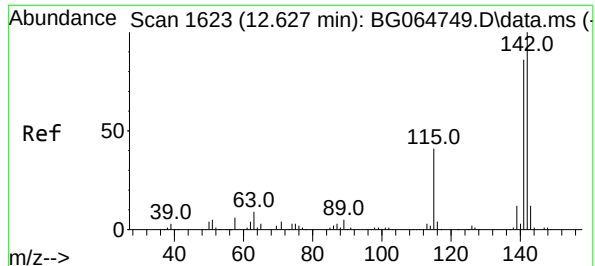
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

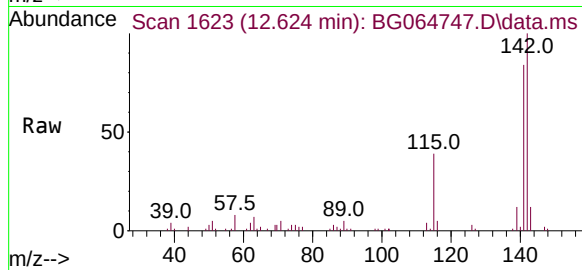
Tgt Ion:107 Resp: 21366
Ion Ratio Lower Upper
107 100
144 23.0 21.7 32.5
142 72.3 60.8 91.2





#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

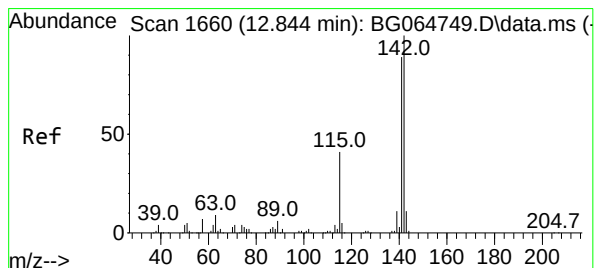
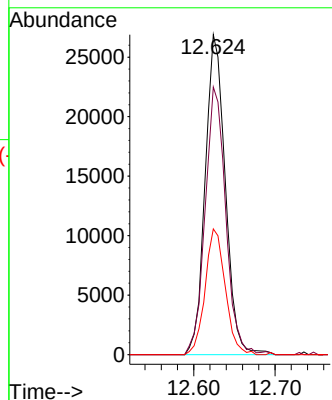
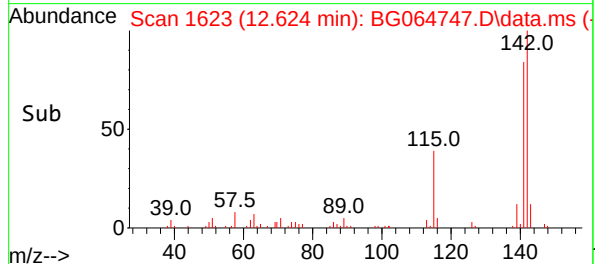
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



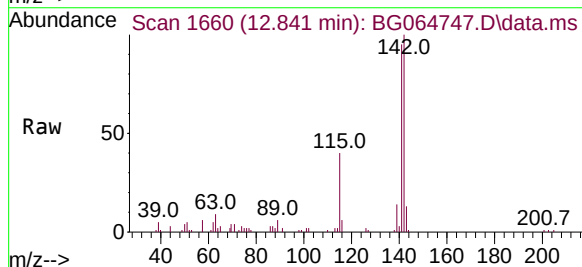
Tgt Ion:142 Resp: 46349
Ion Ratio Lower Upper
142 100
141 83.6 69.1 103.7
115 39.3 32.9 49.3

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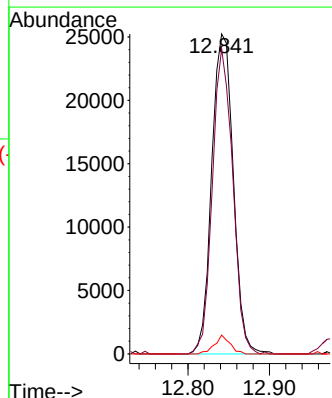
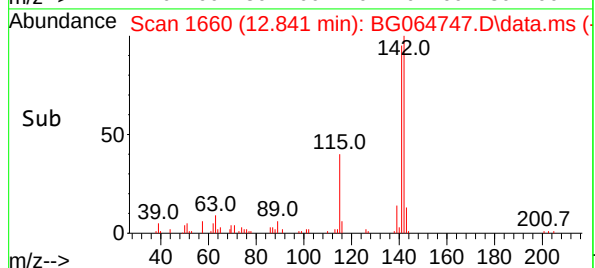
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

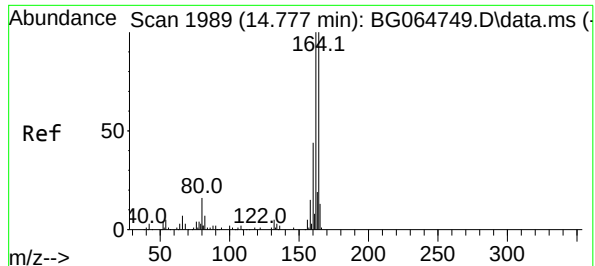


#38
1-Methylnaphthalene
Concen: 9.982 ng m
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



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

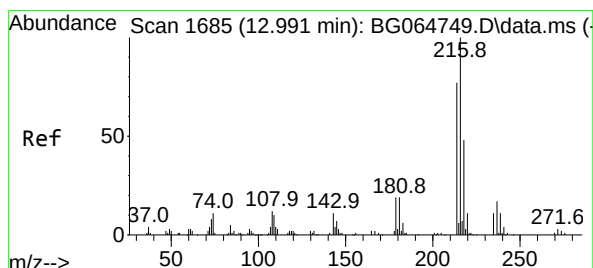
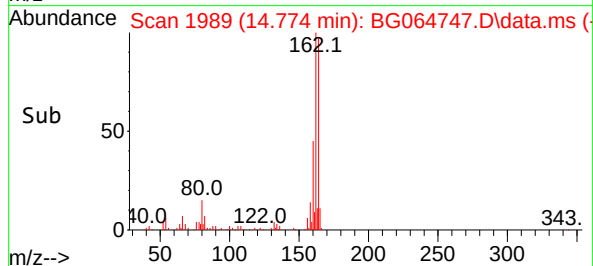
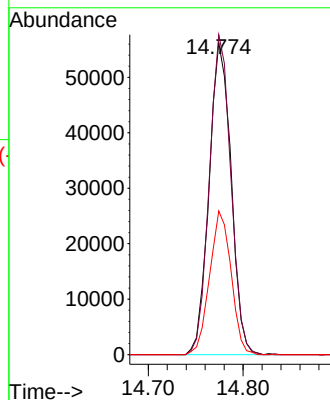
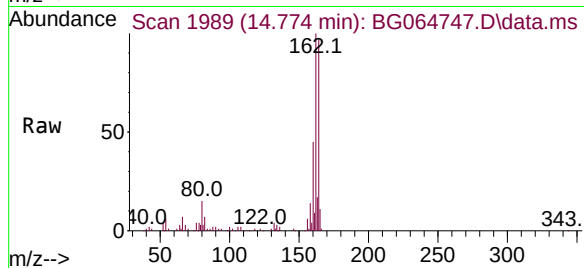
160 46.1 34.9 52.3

Manual Integrations

APPROVED

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

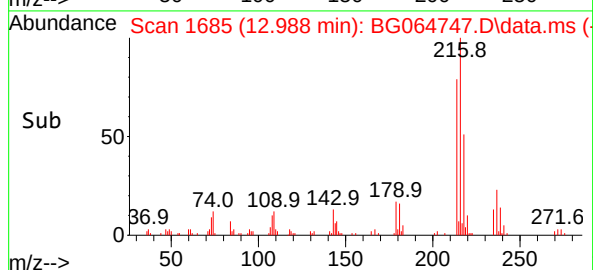
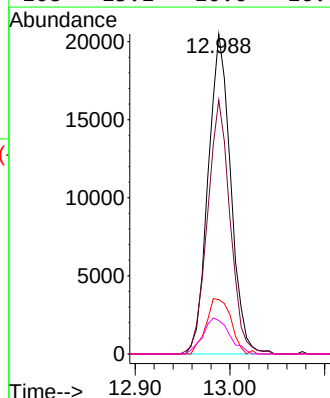
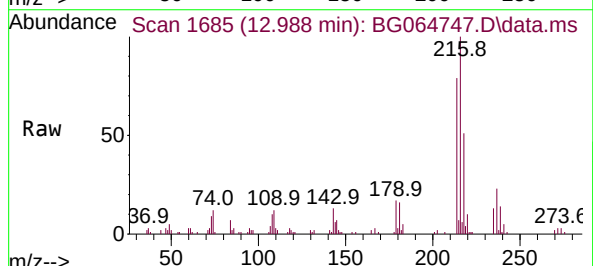
Ion Ratio Lower Upper

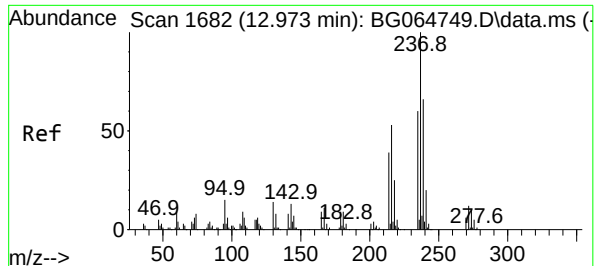
216 100

214 79.6 60.5 90.7

179 19.2 14.7 22.1

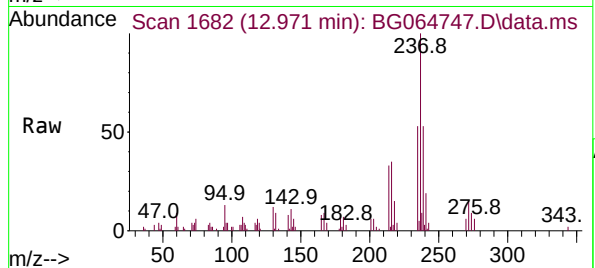
108 13.1 10.6 16.0





#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

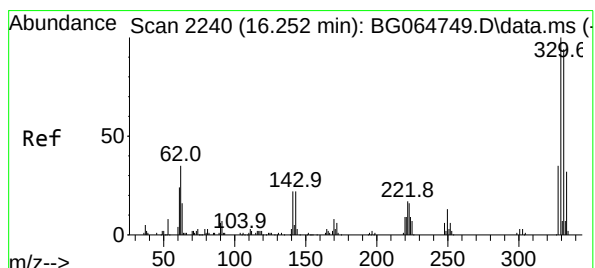
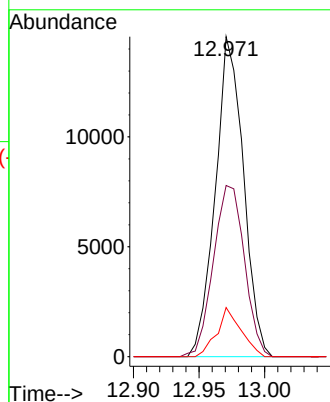
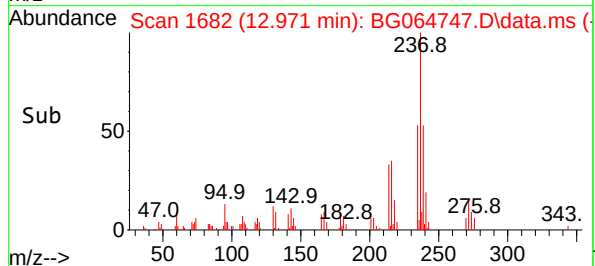
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

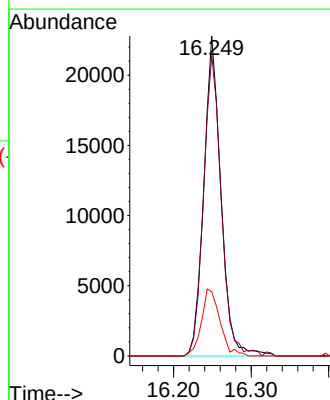
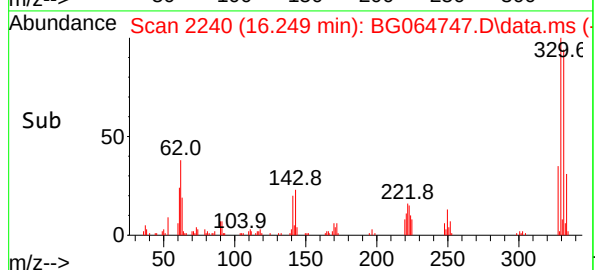
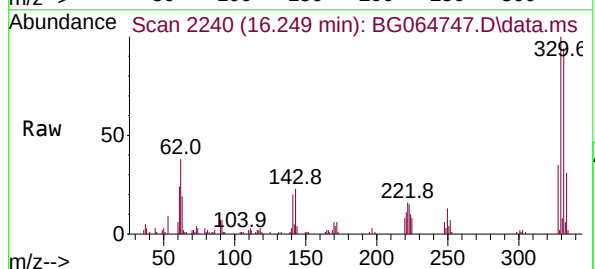
Manual Integrations
APPROVED

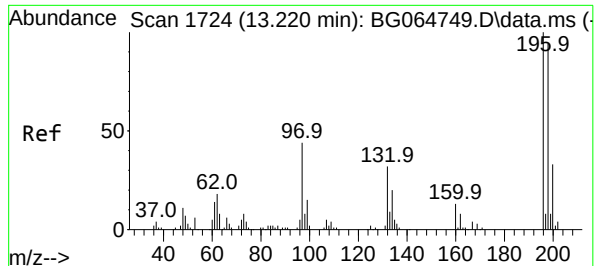
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

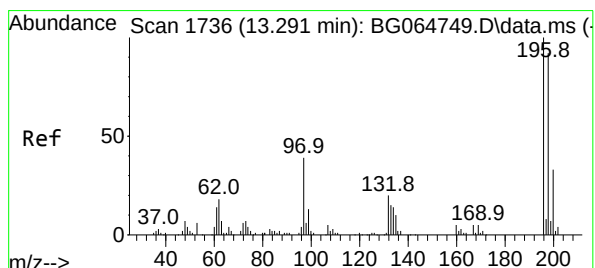
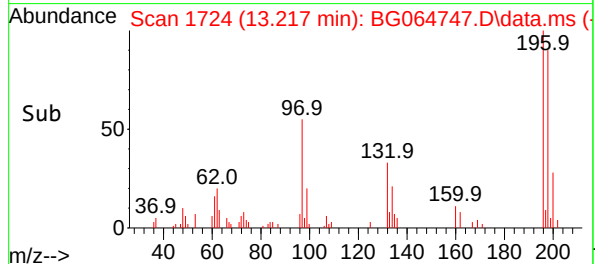
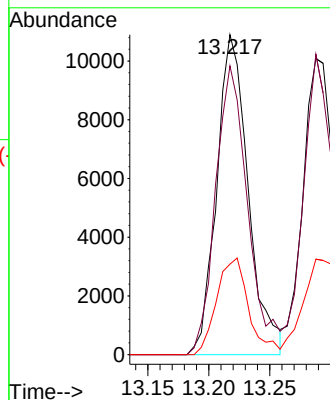
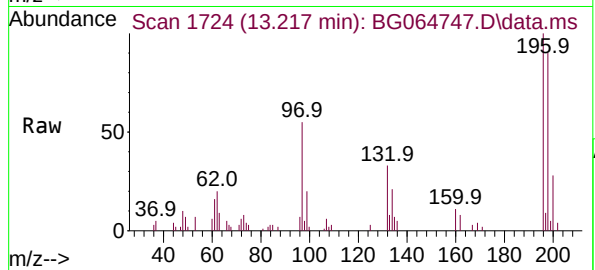
SSTDICC010

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

APPROVED

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



#44

2,4,5-Trichlorophenol

Concen: 8.972 ng

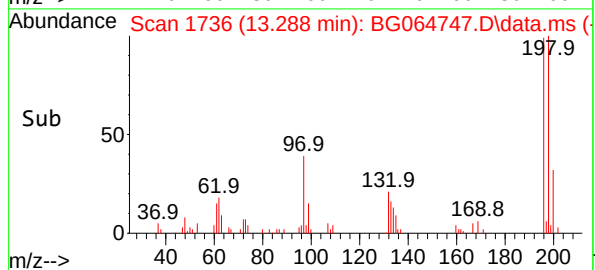
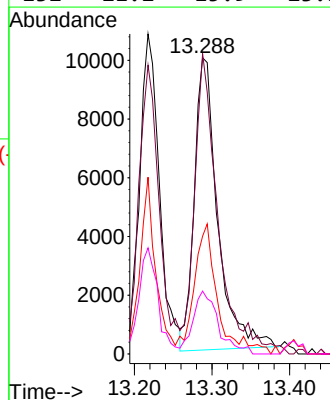
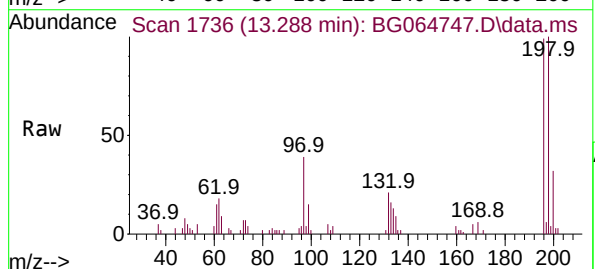
RT: 13.288 min Scan# 1736

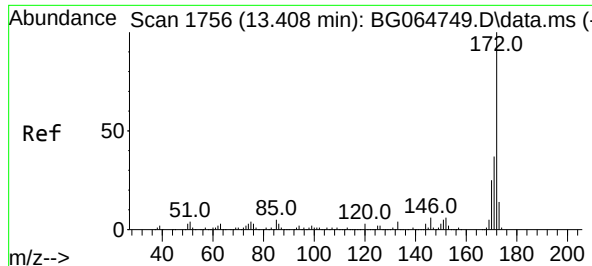
Delta R.T. -0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

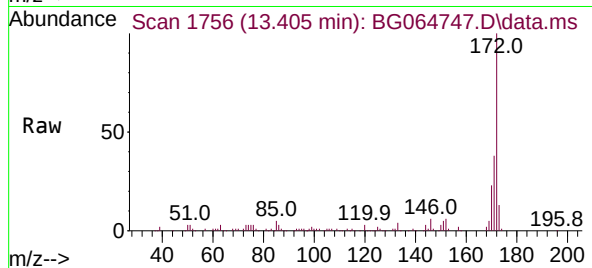
Tgt Ion:	196	Resp:	20868
Ion Ratio	Lower	Upper	
196	100		
198	101.4	73.2	109.8
97	39.7	31.4	47.0
132	21.2	15.9	23.9





#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

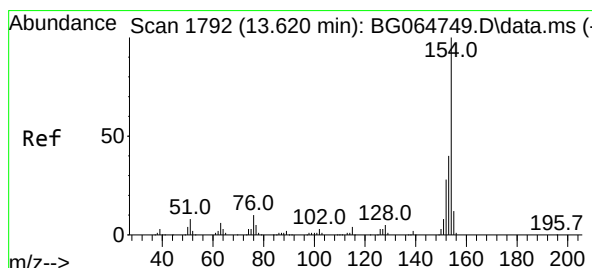
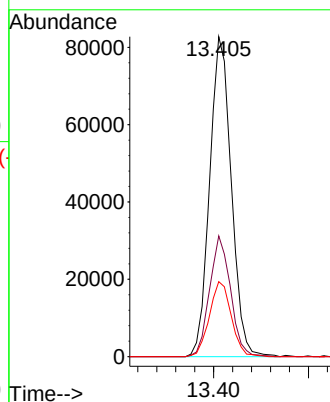
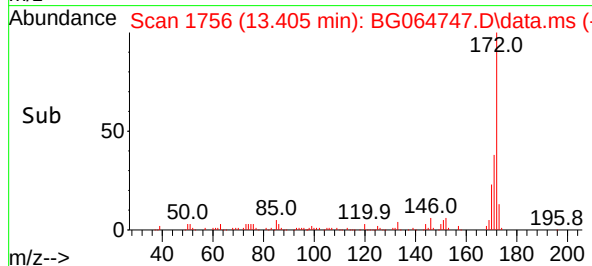
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

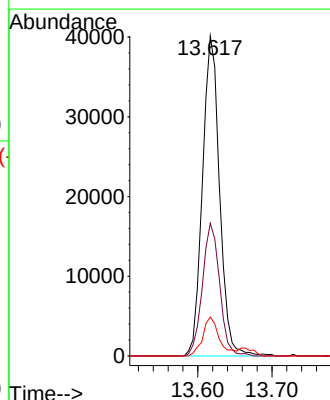
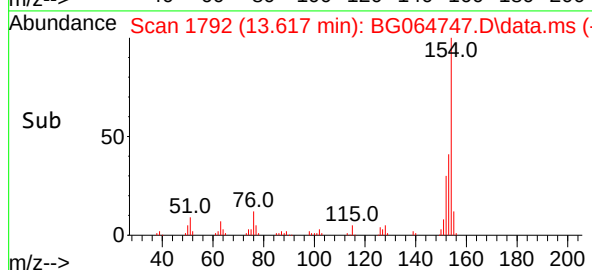
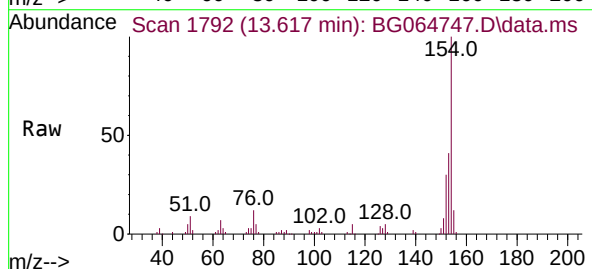
Manual Integrations
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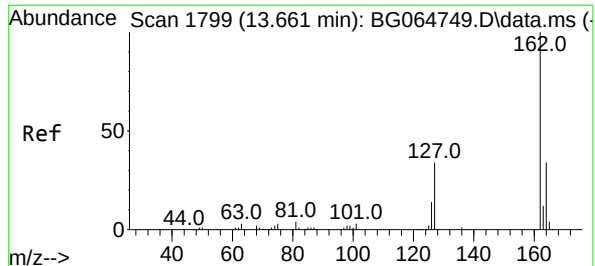
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

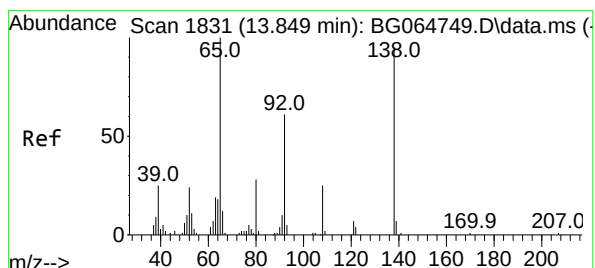
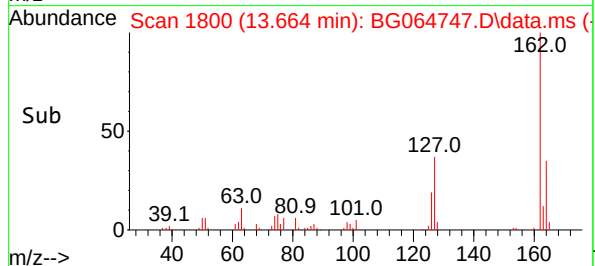
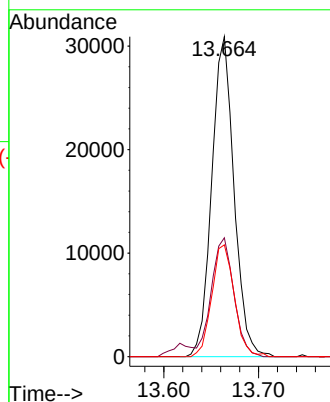
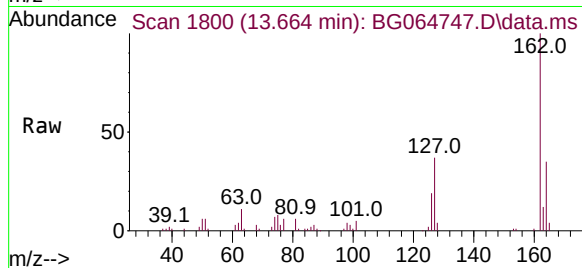
SSTDICC010

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

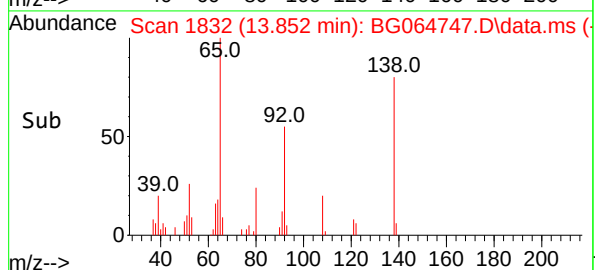
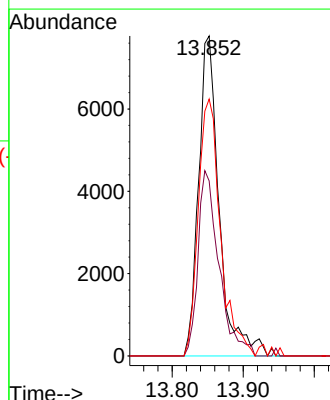
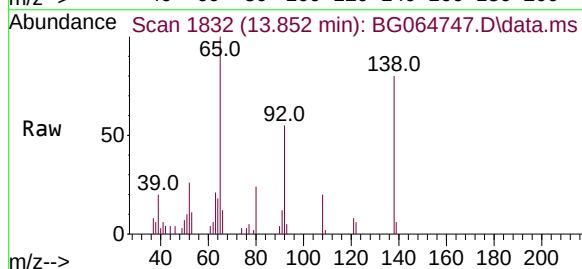
RT: 13.852 min Scan# 1832

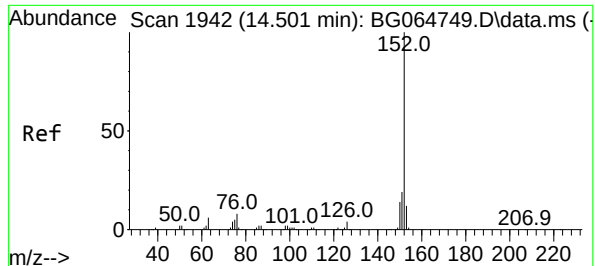
Delta R.T. 0.003 min

Lab File: BG064747.D

Acq: 12 Nov 2025 12:39

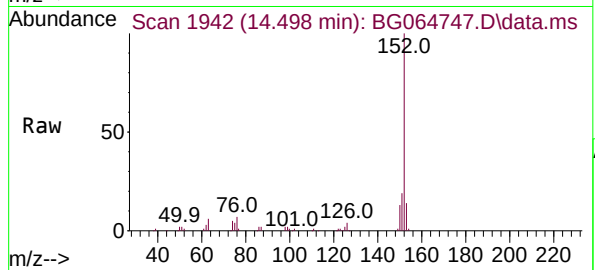
Tgt Ion:	65	Resp:	15648
Ion Ratio	Lower	Upper	
65	100		
92	54.7	48.6	73.0
138	80.3	76.4	114.6





#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

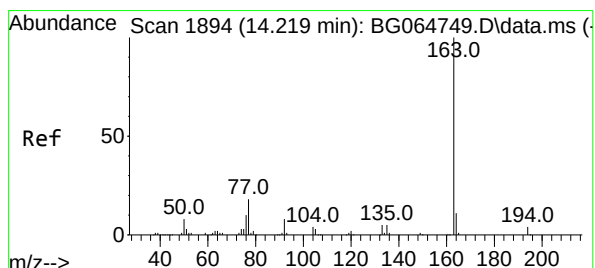
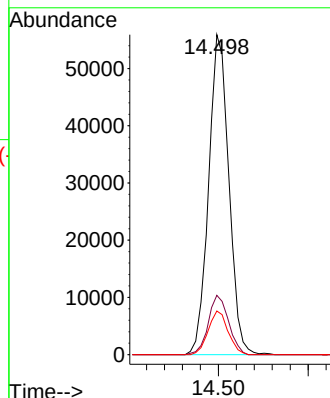
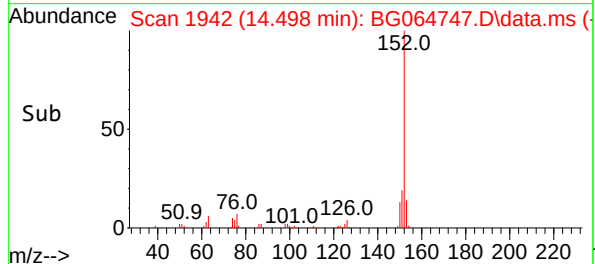
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

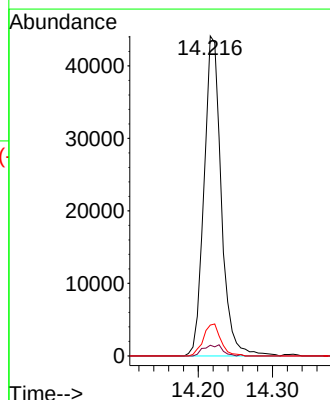
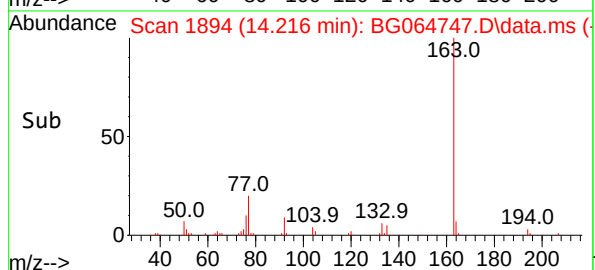
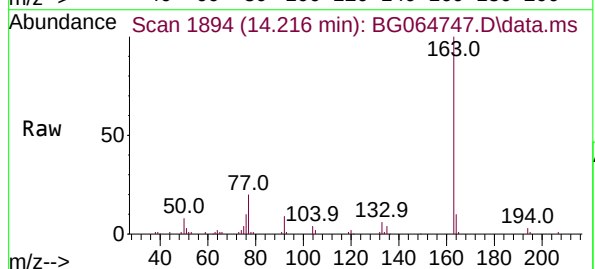
Manual Integrations
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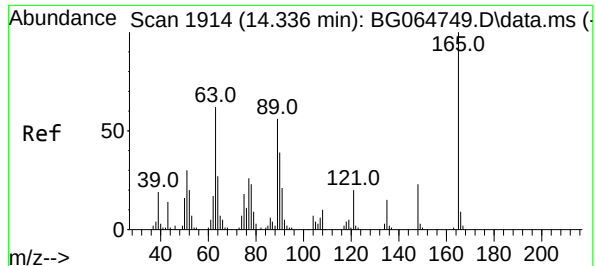
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





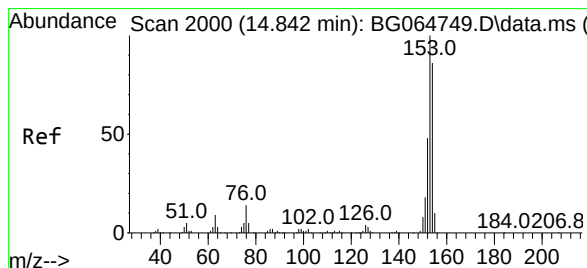
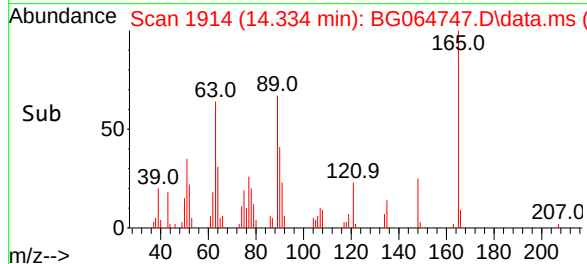
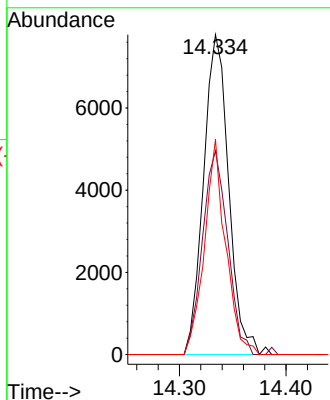
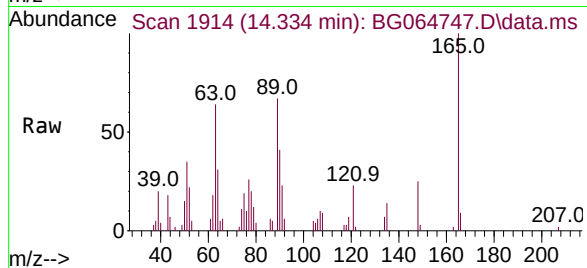
#51
2,6-Dinitrotoluene
Concen: 9.246 ng
RT: 14.334 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

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

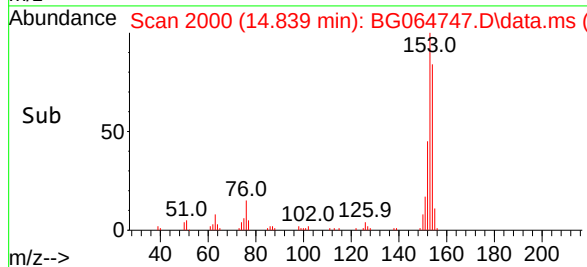
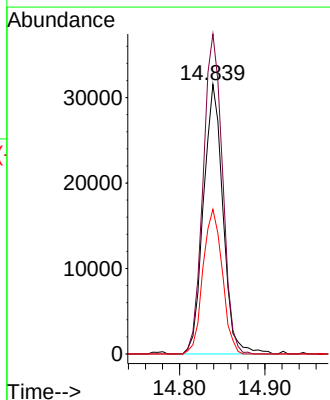
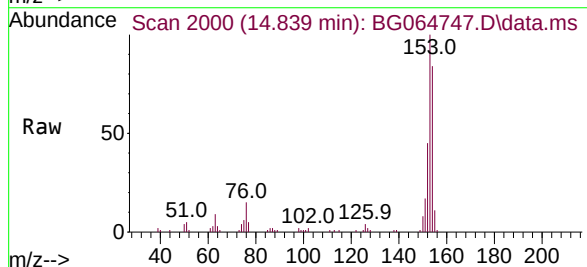
Manual Integrations
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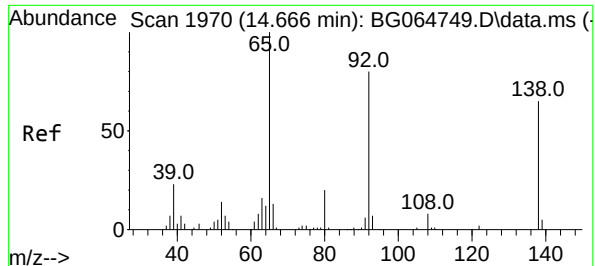
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





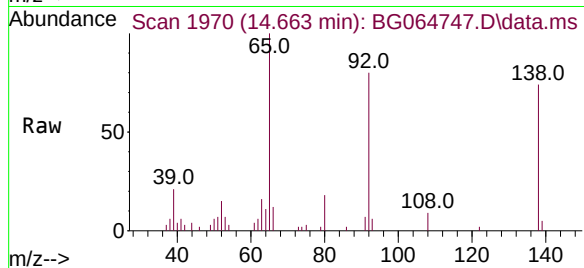
#53
3-Nitroaniline
Concen: 9.240 ng
RT: 14.663 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

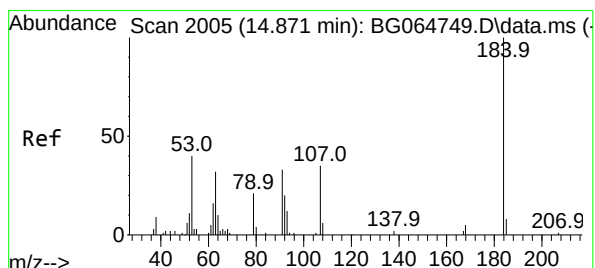
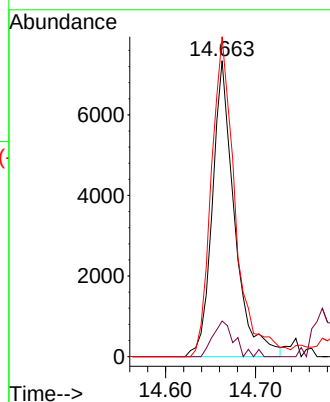
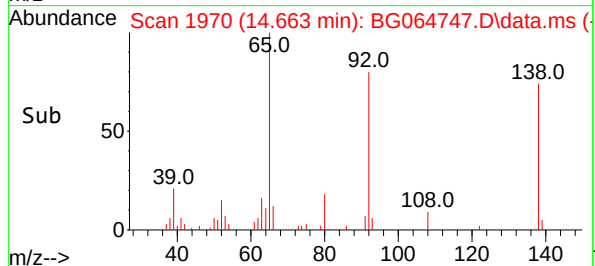


Tgt Ion:138 Resp: 12586
Ion Ratio Lower Upper
138 100
108 12.0 9.5 14.3
92 108.1 99.0 148.4

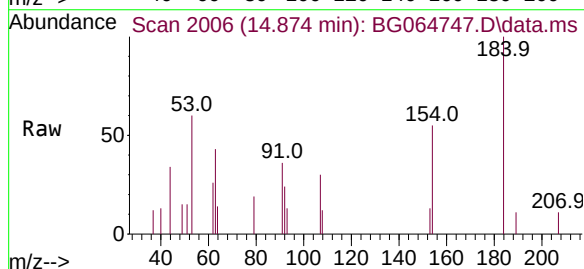
Manual Integrations

APPROVED

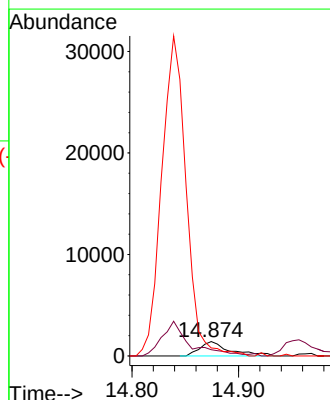
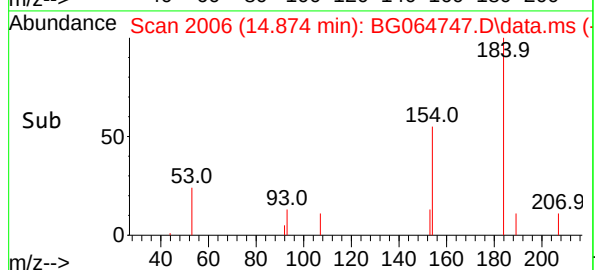
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

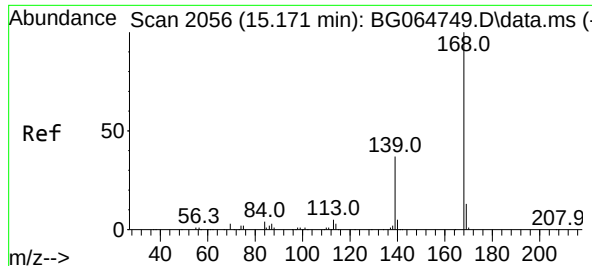


#54
2,4-Dinitrophenol
Concen: 11.149 ng
RT: 14.874 min Scan# 2006
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



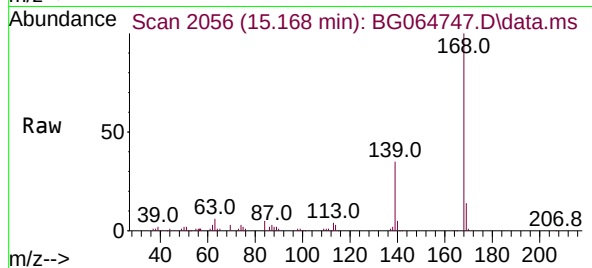
Tgt Ion:184 Resp: 2717
Ion Ratio Lower Upper
184 100
63 43.2 45.8 68.6#
154 55.1 52.6 78.8





#55
Dibenzenofuran
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

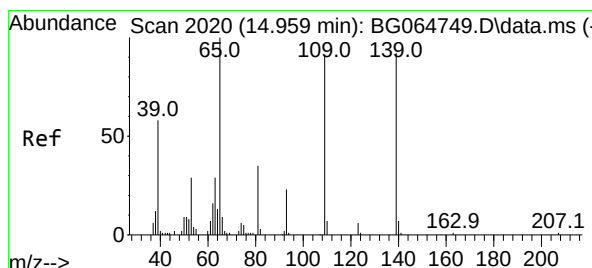
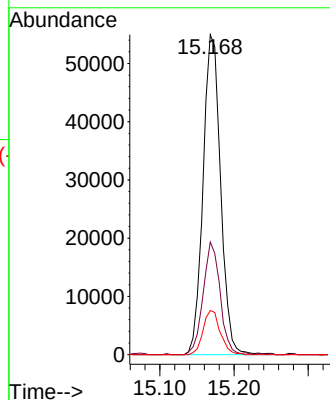
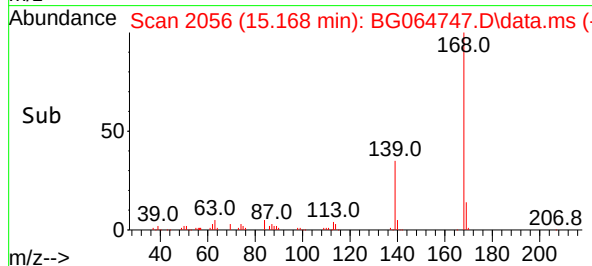
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

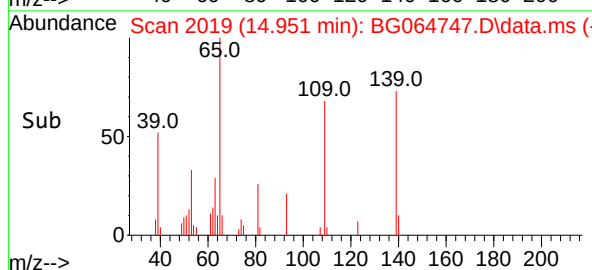
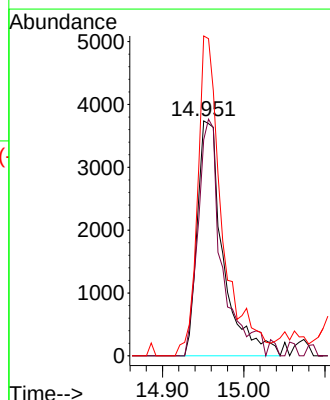
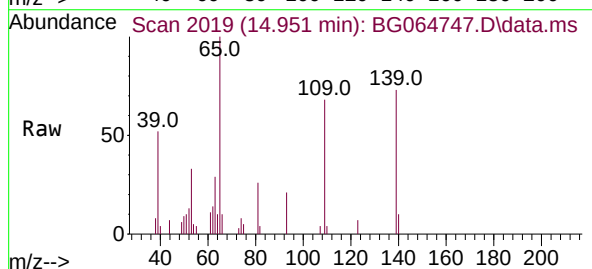
Manual Integrations
APPROVED

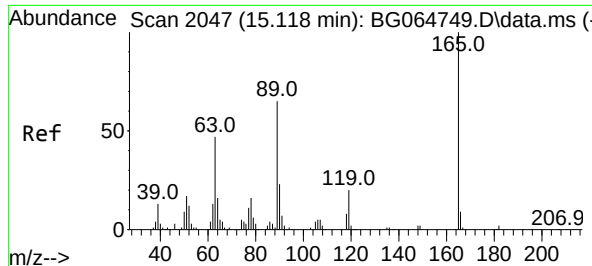
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

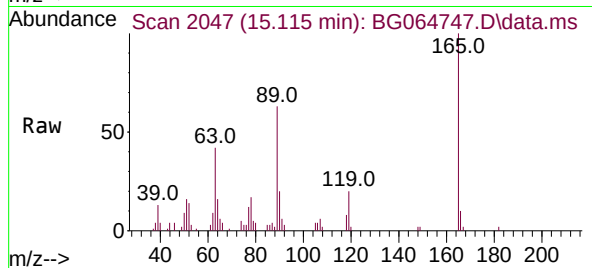
Tgt Ion:139 Resp: 8225
Ion Ratio Lower Upper
139 100
109 92.1 79.7 119.7
65 136.2 89.9 129.9#





#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

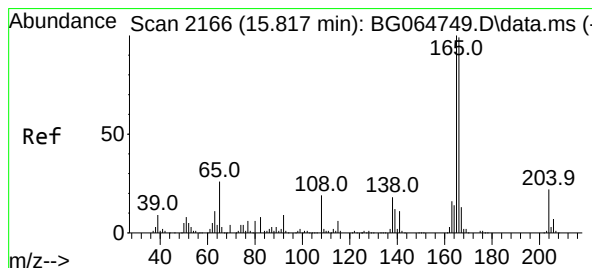
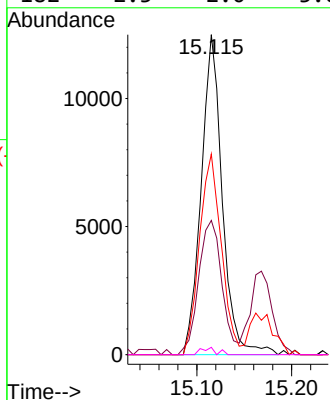
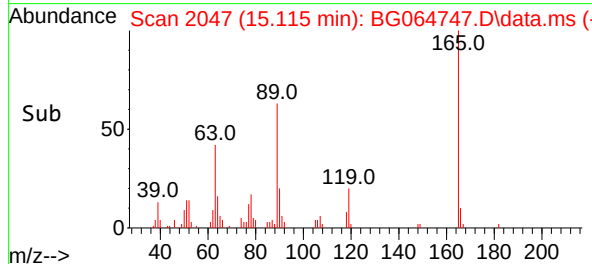
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 19317
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

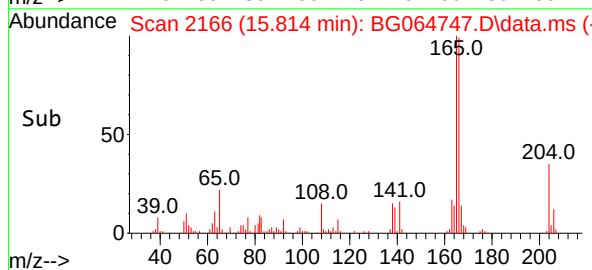
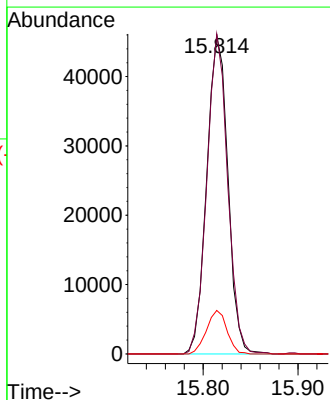
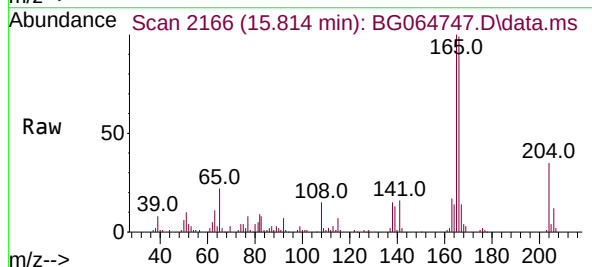
Manual Integrations
APPROVED

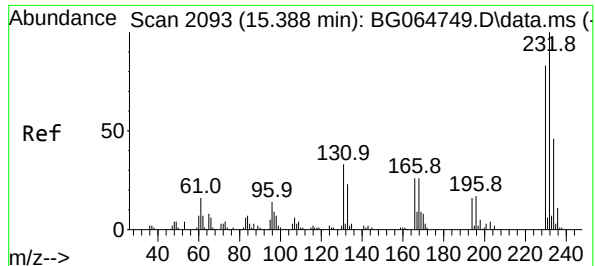
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

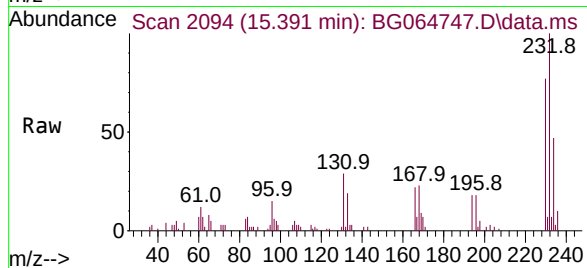
Tgt Ion:166 Resp: 71244
Ion Ratio Lower Upper
166 100
165 100.5 80.5 120.7
167 13.6 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.495 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

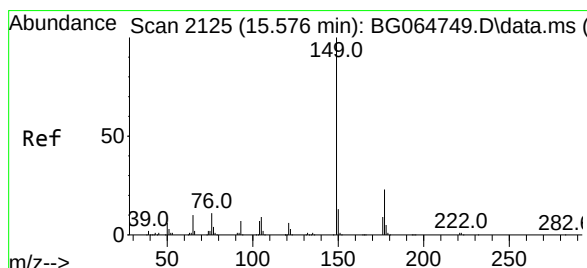
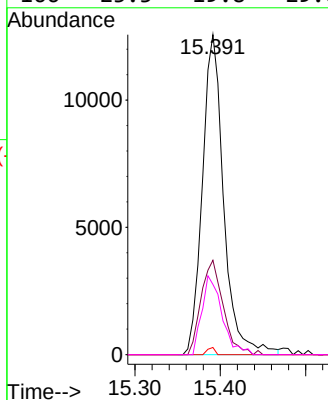
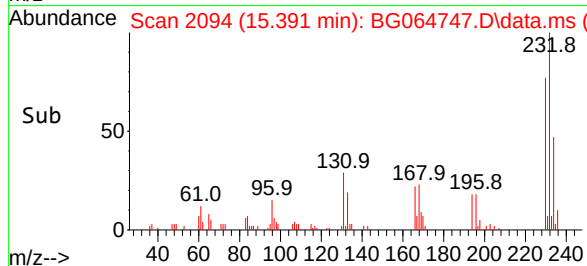
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

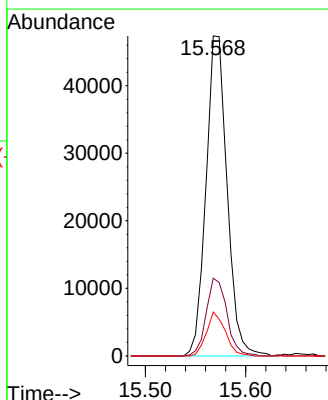
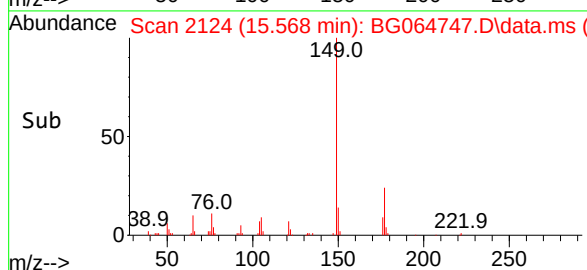
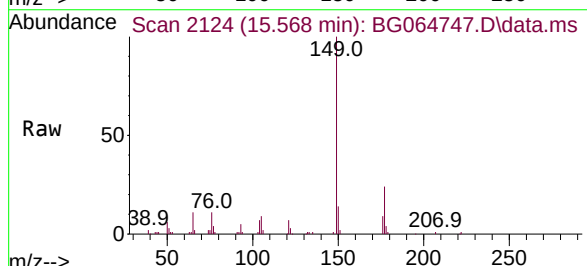
Manual Integrations
APPROVED

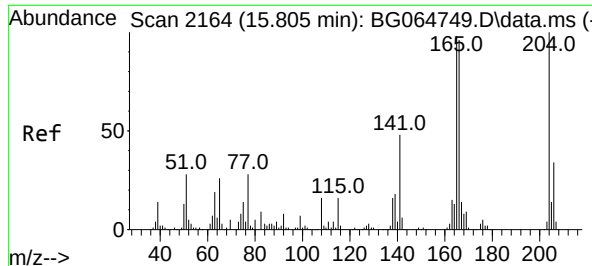
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

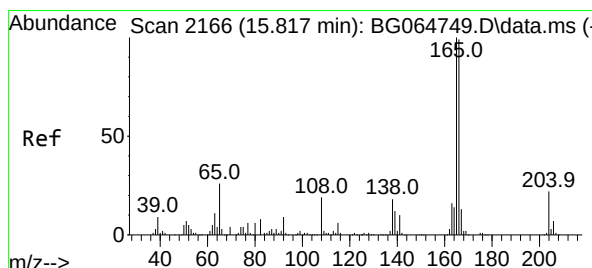
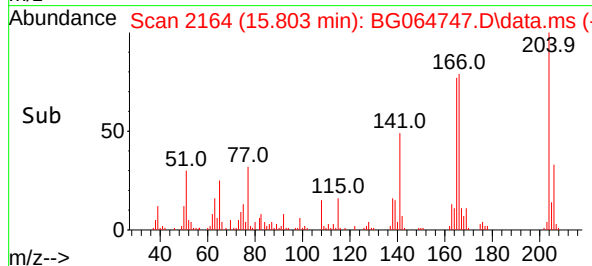
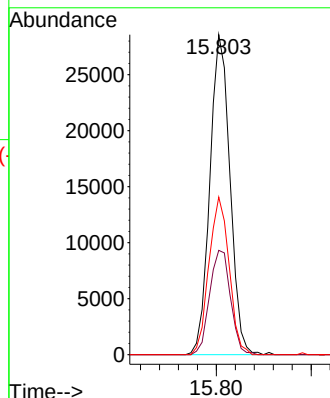
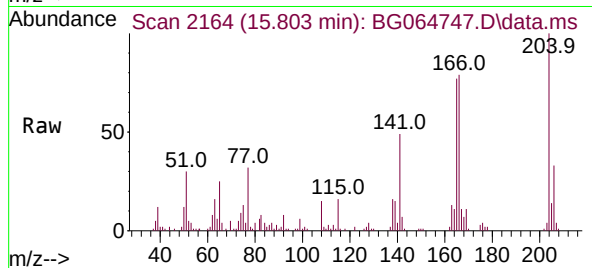
SSTDICC010

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

Manual Integrations

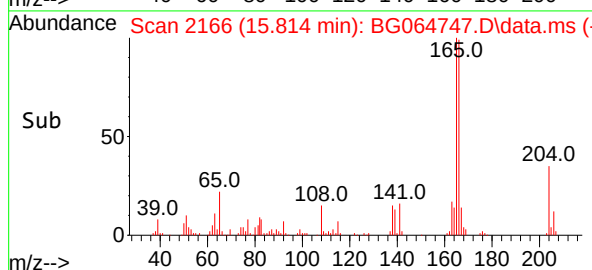
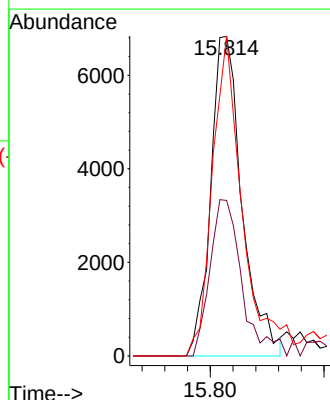
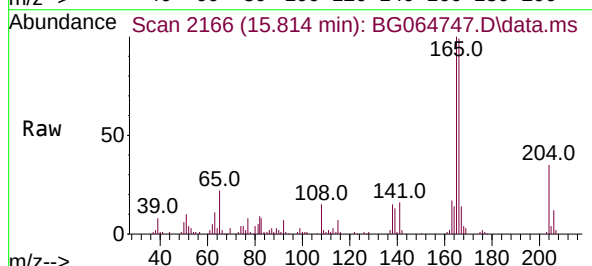
APPROVED

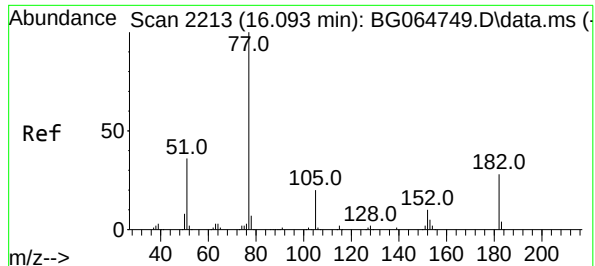
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





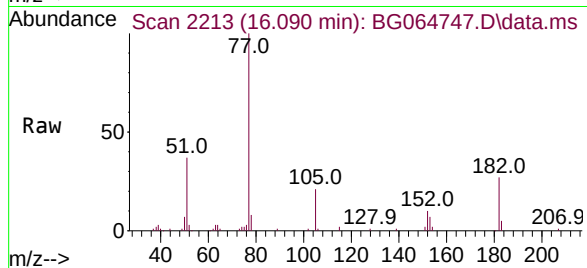
#63
Azobenzene
Concen: 10.260 ng
RT: 16.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

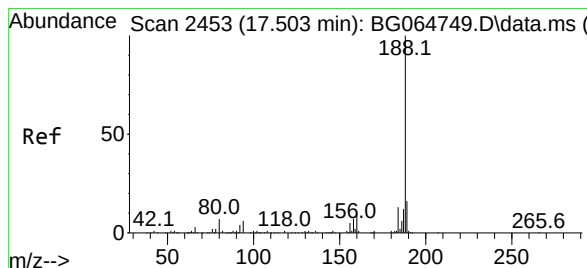
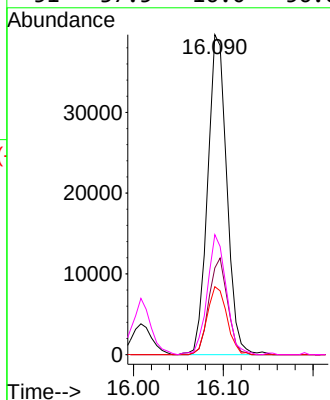
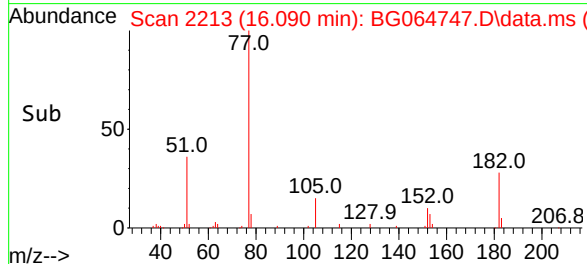


Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.1	48.1
105	21.2	0.1	40.1
51	37.5	16.0	56.0

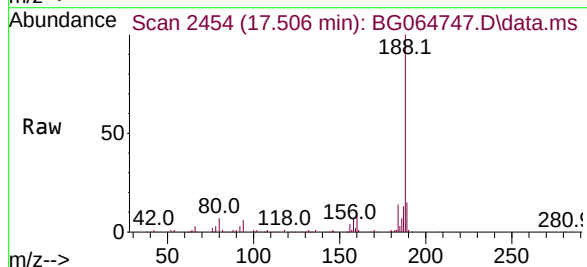
Manual Integrations

APPROVED

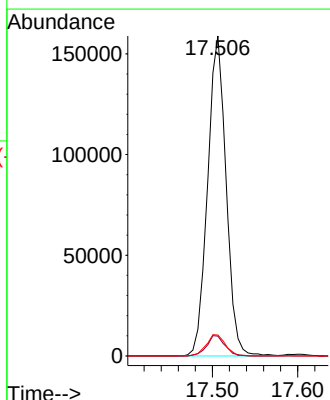
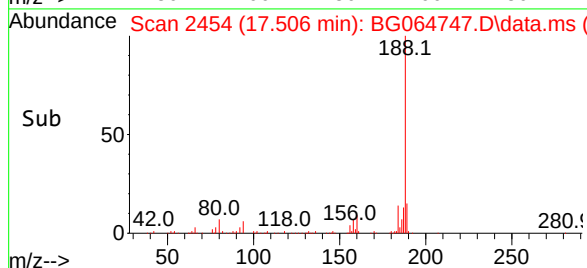
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

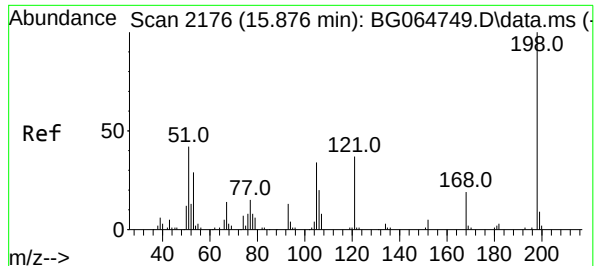


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



Tgt 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

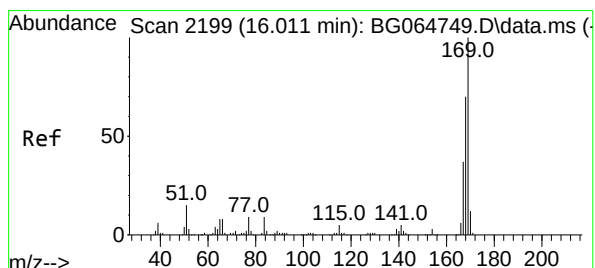
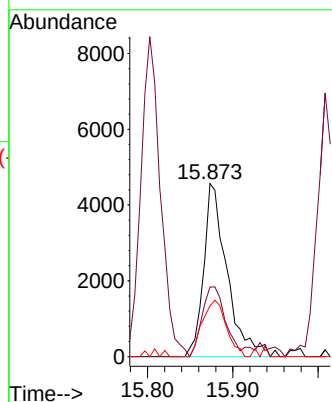
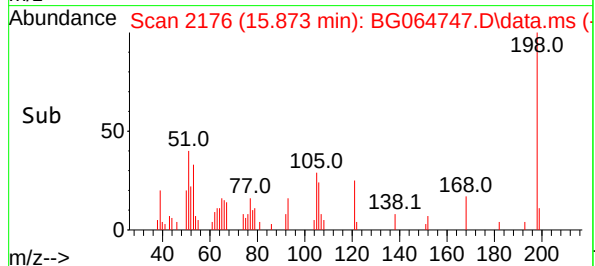
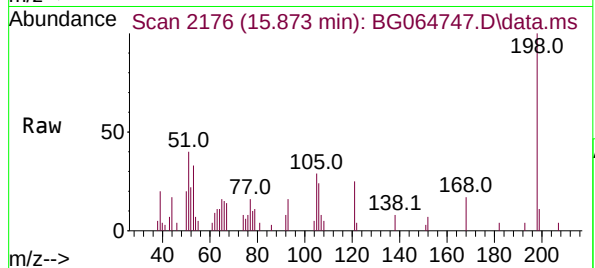
105 29.2 14.2 54.2

Manual Integrations

APPROVED

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

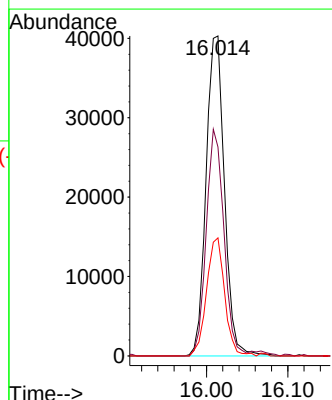
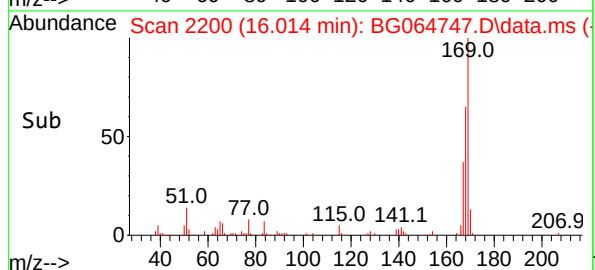
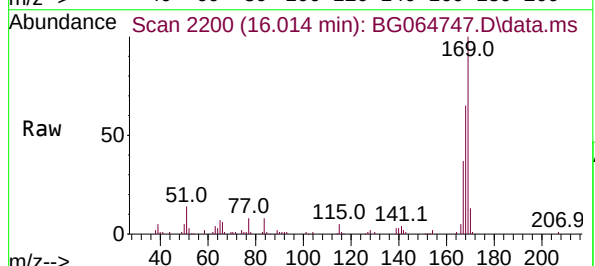
Tgt Ion:169 Resp: 63405

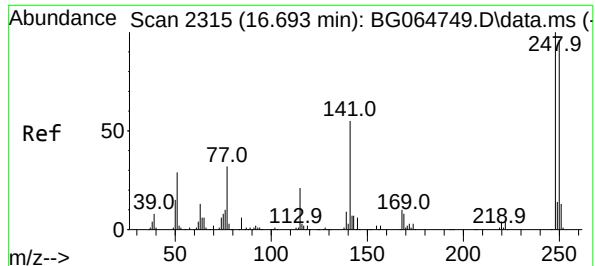
Ion Ratio Lower Upper

169 100

168 65.3 55.9 83.9

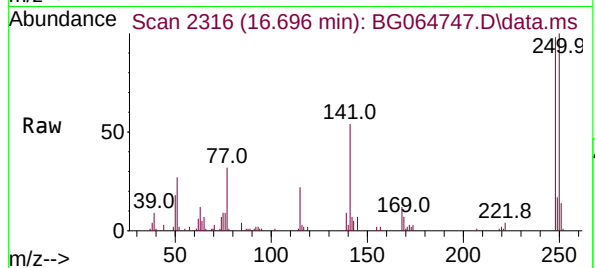
167 36.9 29.8 44.6





#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

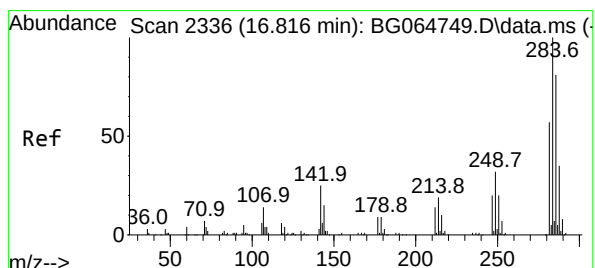
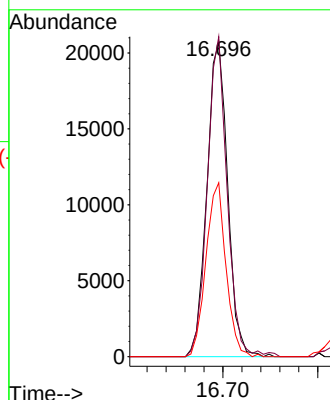
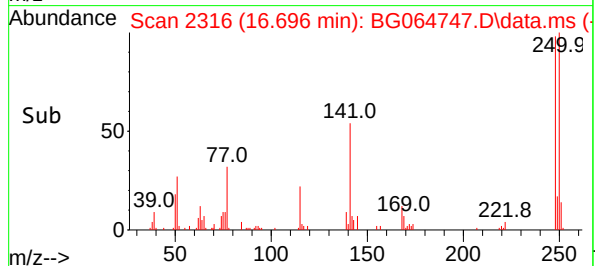
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



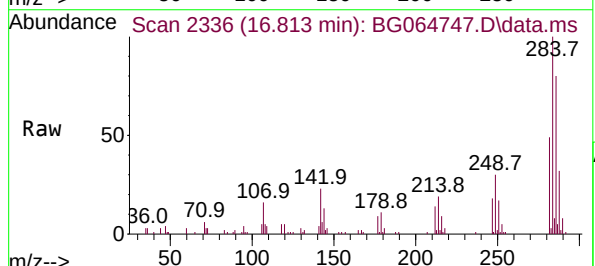
Tgt Ion:248 Resp: 31456
Ion Ratio Lower Upper
248 100
250 101.8 77.0 115.6
141 55.3 43.7 65.5

Manual Integrations
APPROVED

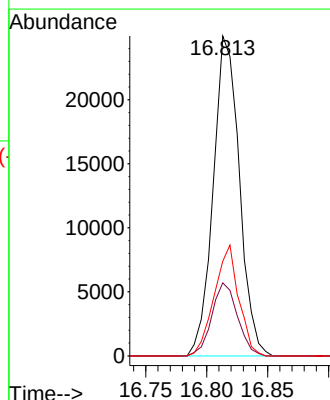
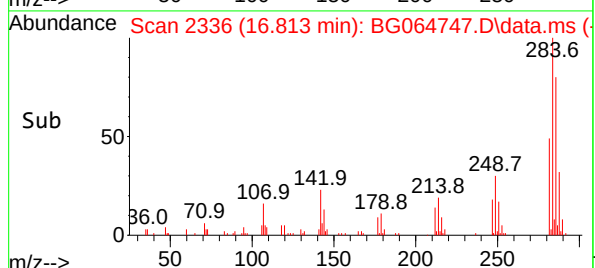
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

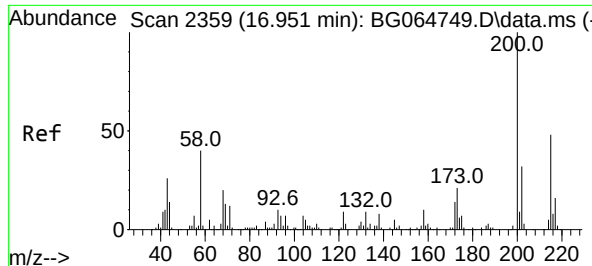


#68
Hexachlorobenzene
Concen: 9.795 ng
RT: 16.813 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



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





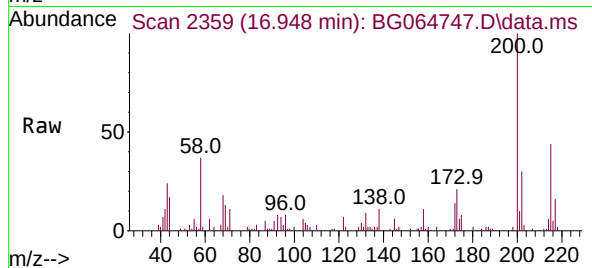
#69
Atrazine
Concen: 9.940 ng
RT: 16.948 min Scan# 2359
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

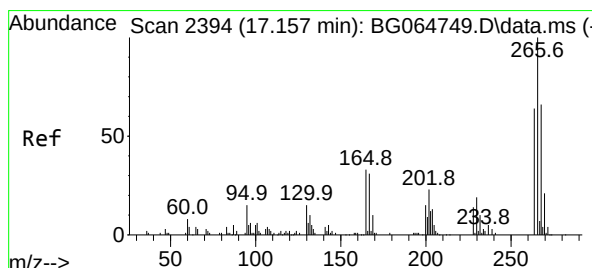
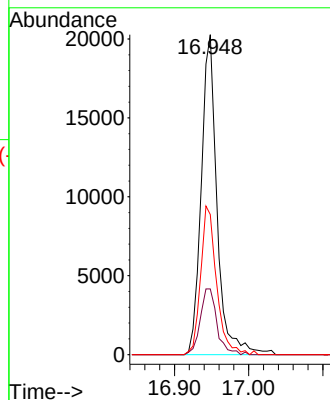
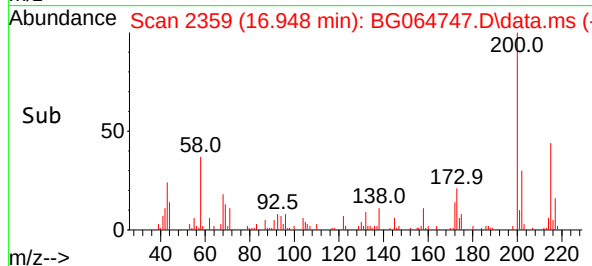


Tgt Ion:200 Resp: 30000
Ion Ratio Lower Upper
200 100
173 20.6 0.9 40.9
215 43.8 27.5 67.5

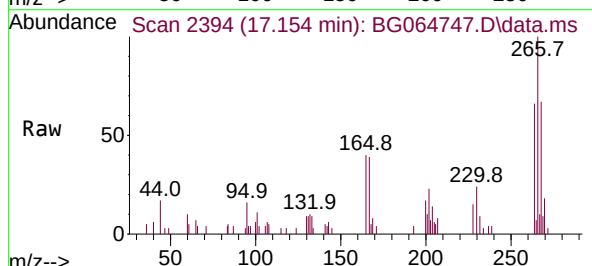
Manual Integrations

APPROVED

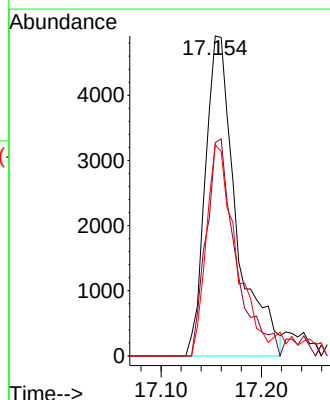
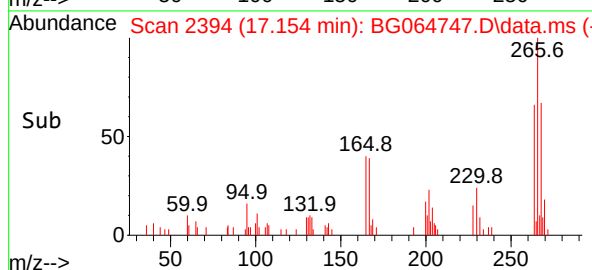
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

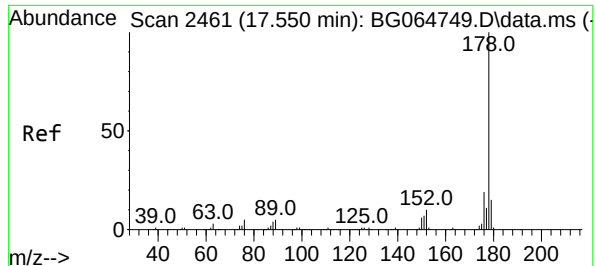


#70
Pentachlorophenol
Concen: 10.475 ng
RT: 17.154 min Scan# 2394
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



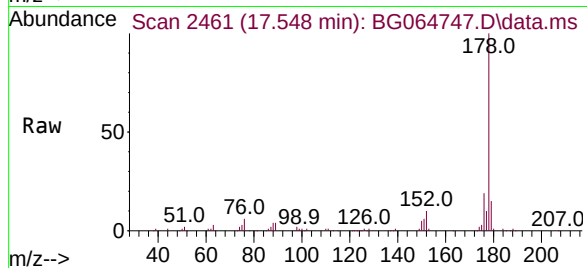
Tgt Ion:266 Resp: 10561
Ion Ratio Lower Upper
266 100
268 75.6 56.1 84.1
264 65.9 51.2 76.8





#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

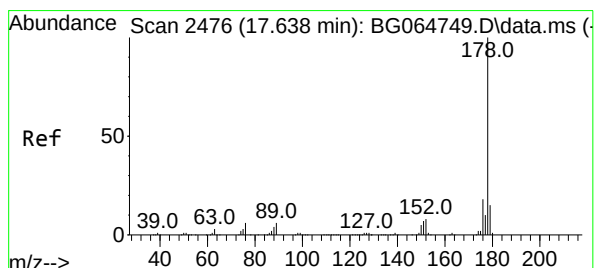
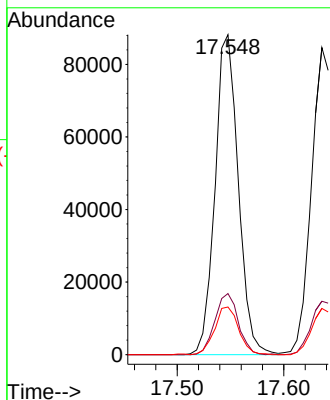
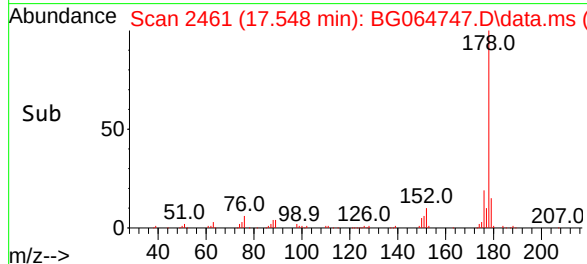
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



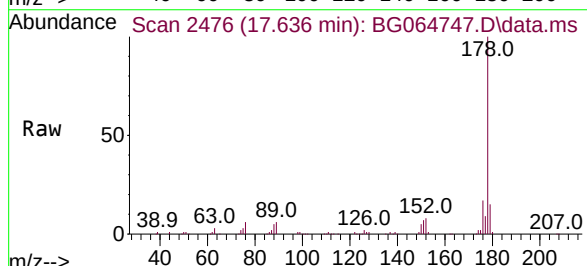
Tgt Ion:178 Resp: 133643
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 14.9 12.2 18.4

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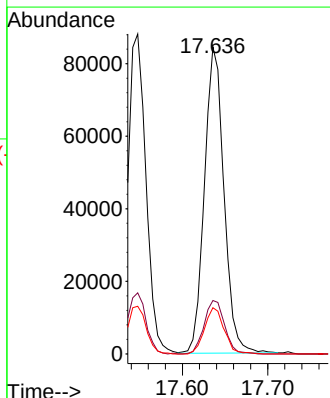
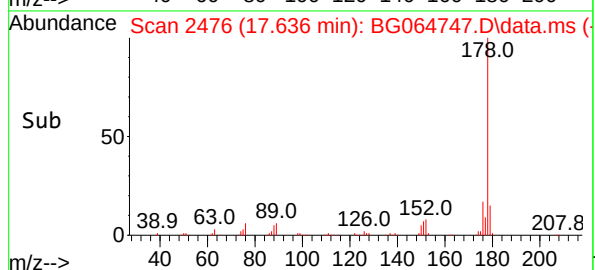
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

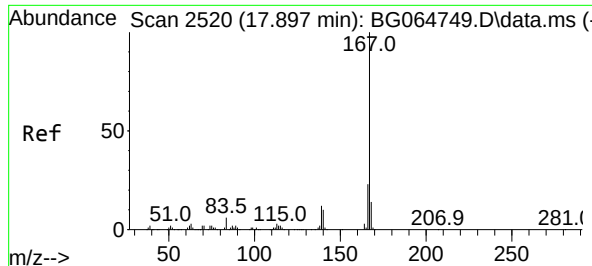


#72
Anthracene
Concen: 10.059 ng
RT: 17.636 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



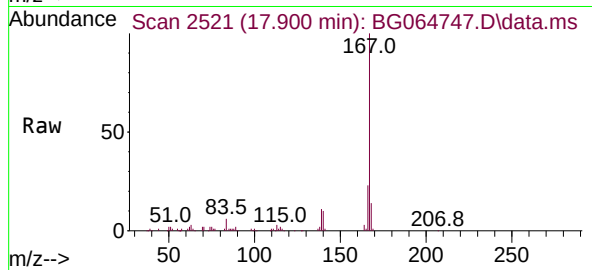
Tgt Ion:178 Resp: 134138
Ion Ratio Lower Upper
178 100
176 17.4 14.5 21.7
179 15.0 12.2 18.4





#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

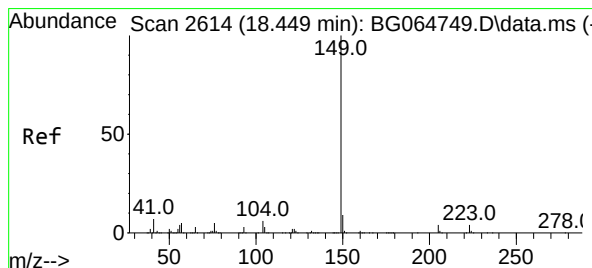
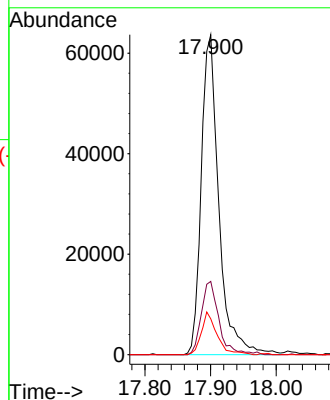
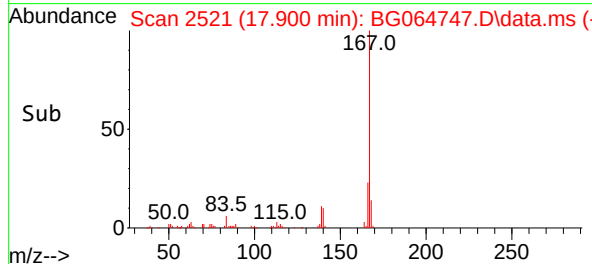
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

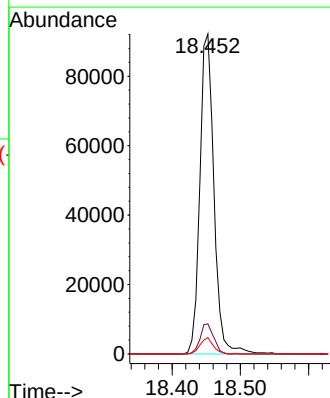
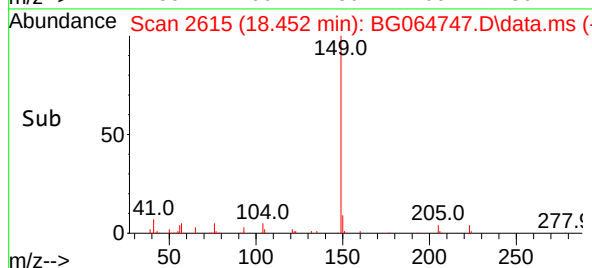
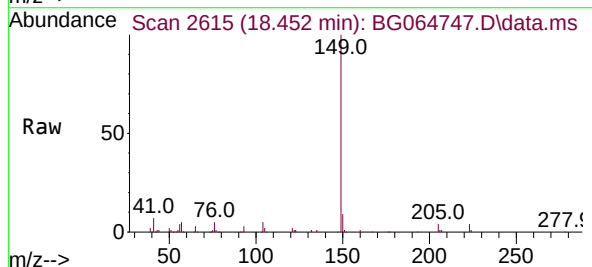
Manual Integrations
APPROVED

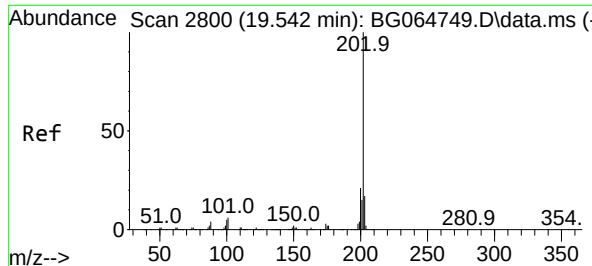
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

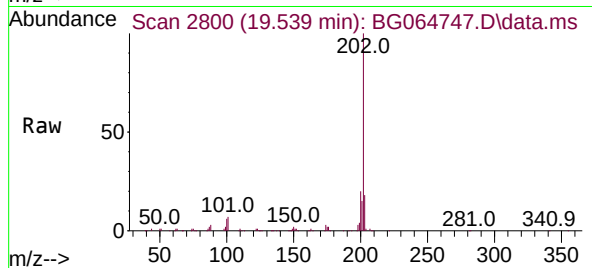
Tgt Ion:149 Resp: 132248
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.1 4.4 6.6





#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

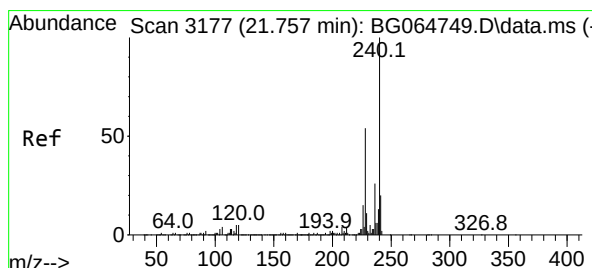
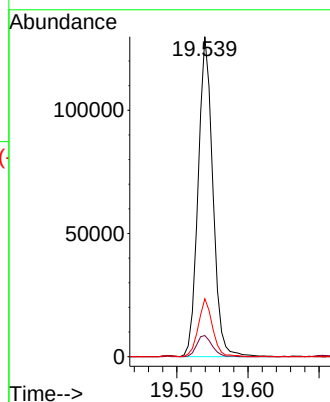
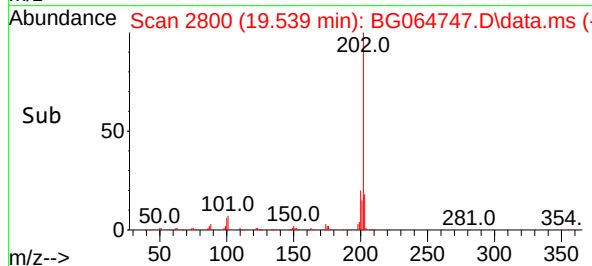
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

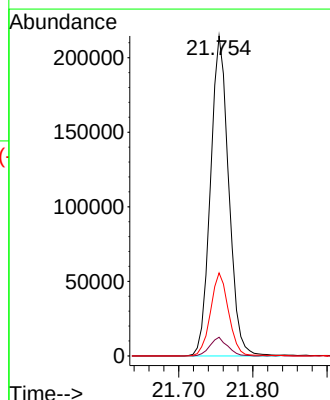
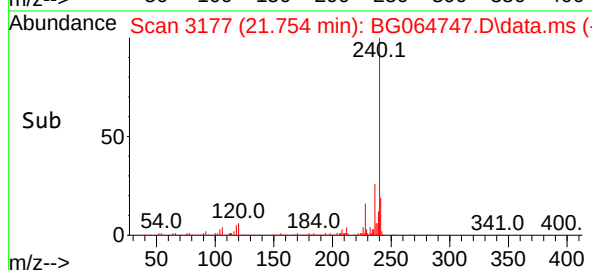
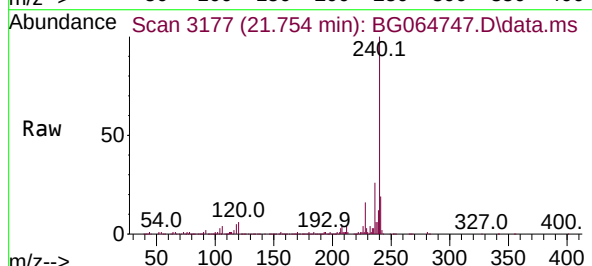
Manual Integrations
APPROVED

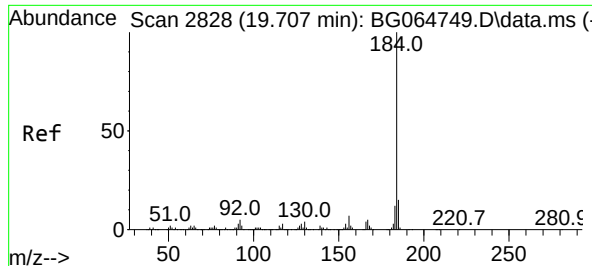
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



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

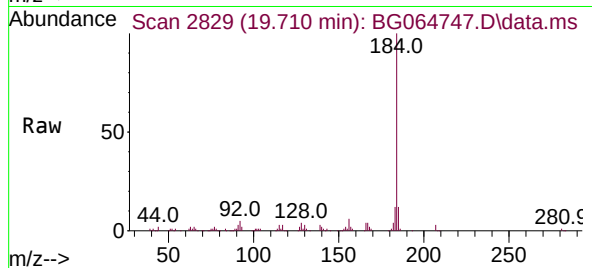
Tgt Ion:240 Resp: 366018
Ion Ratio Lower Upper
240 100
120 5.9 4.2 6.4
236 25.9 20.8 31.2





#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

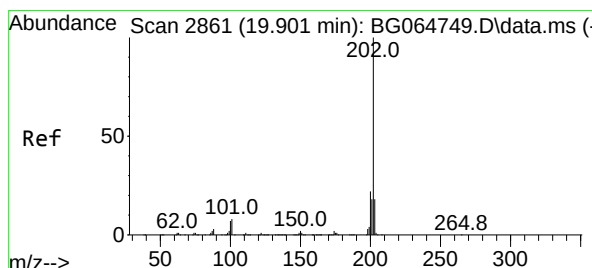
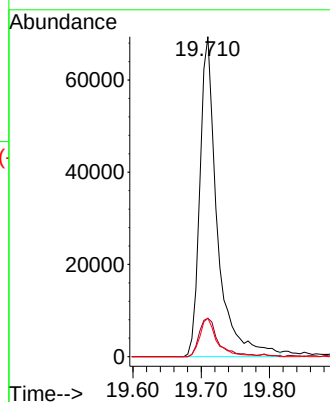
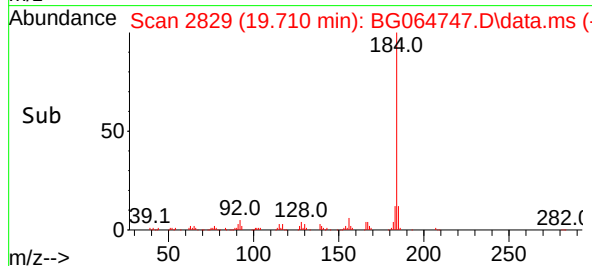
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

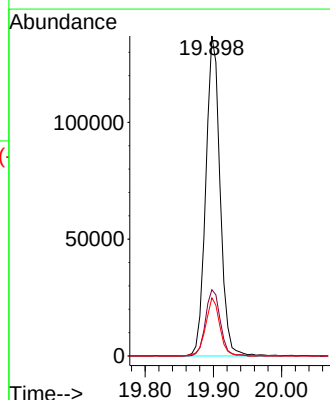
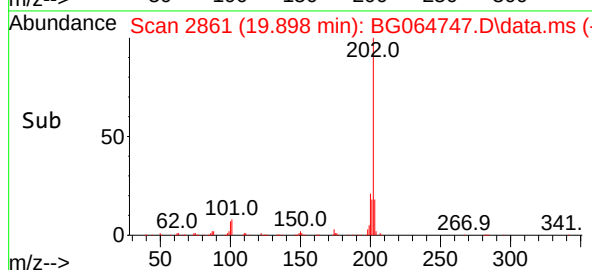
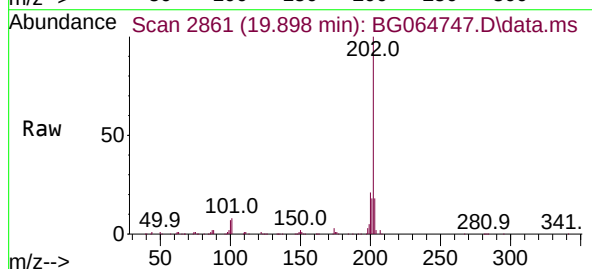
Manual Integrations
APPROVED

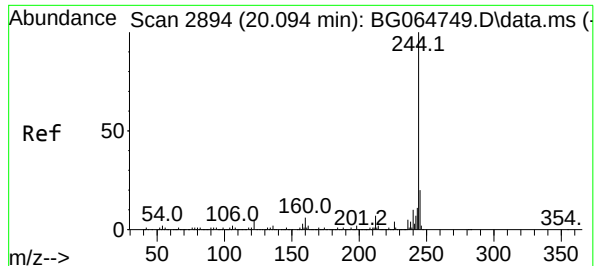
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

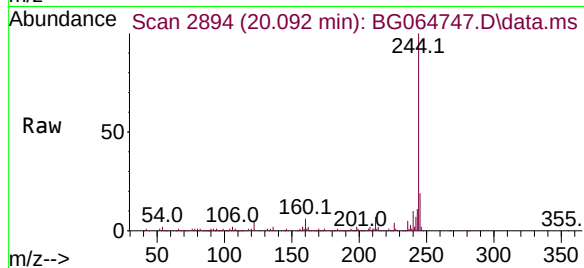
Tgt Ion:202 Resp: 199370
Ion Ratio Lower Upper
202 100
200 20.7 17.9 26.9
203 18.1 14.0 21.0





#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

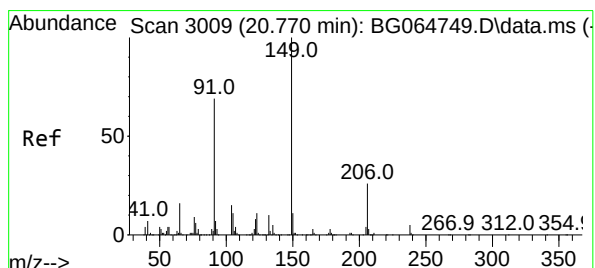
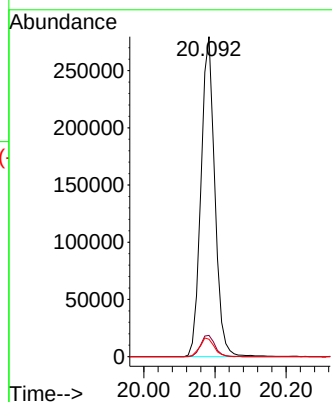
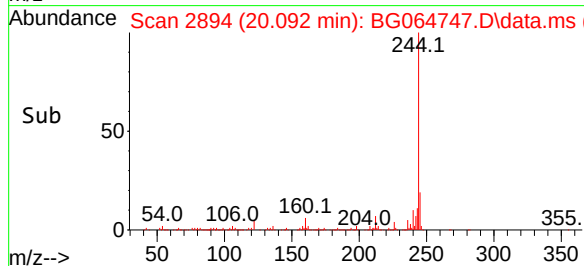
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



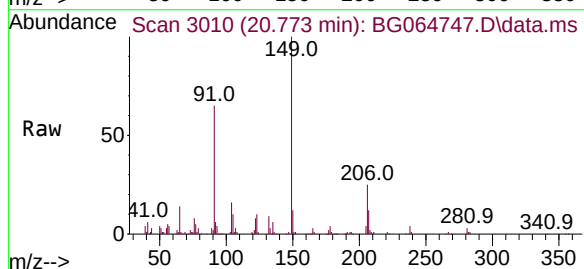
Tgt Ion:244 Resp: 376175
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 5.5 4.3 6.5

Manual Integrations
APPROVED

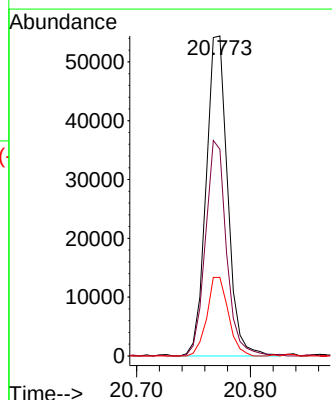
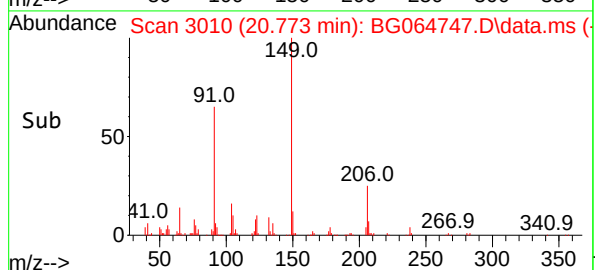
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

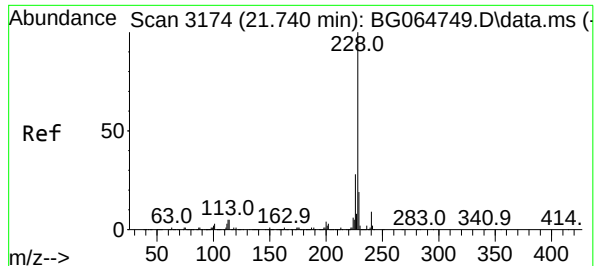


#80
Butylbenzylphthalate
Concen: 9.908 ng
RT: 20.773 min Scan# 3010
Delta R.T. 0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39



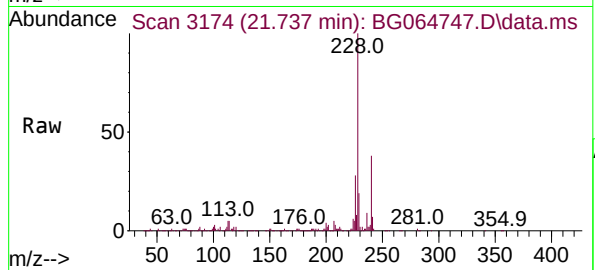
Tgt Ion:149 Resp: 71488
Ion Ratio Lower Upper
149 100
91 64.6 54.9 82.3
206 24.5 21.2 31.8





#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

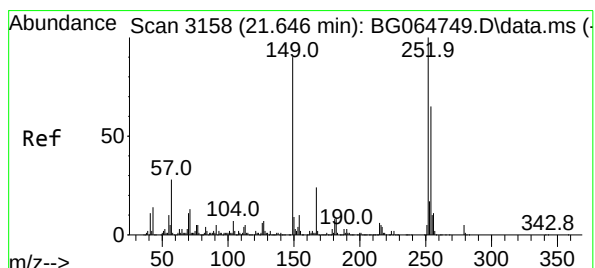
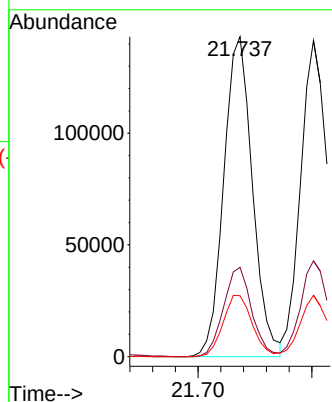
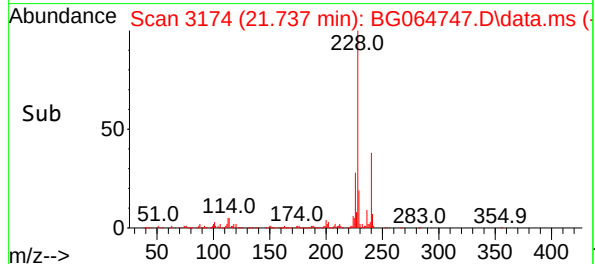
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

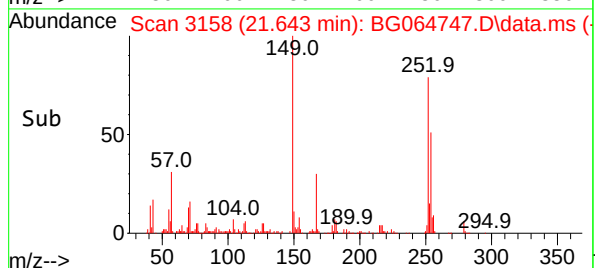
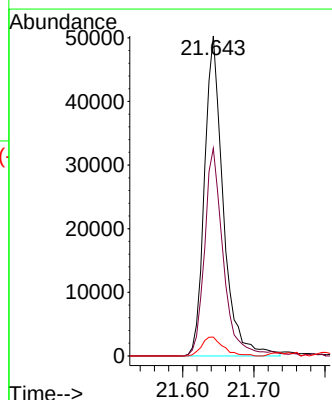
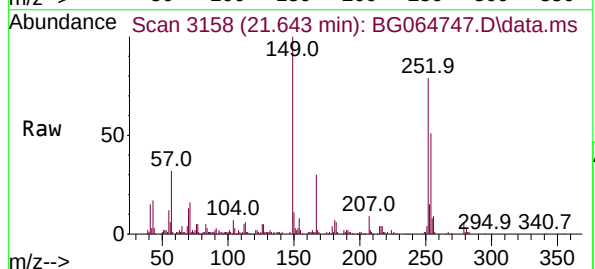
Manual Integrations
APPROVED

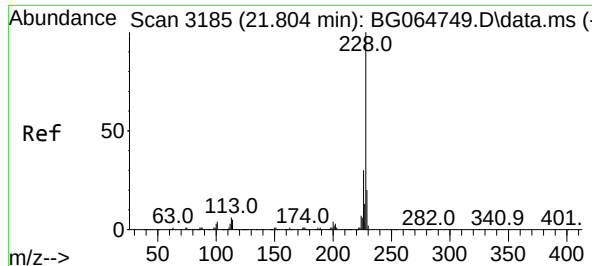
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

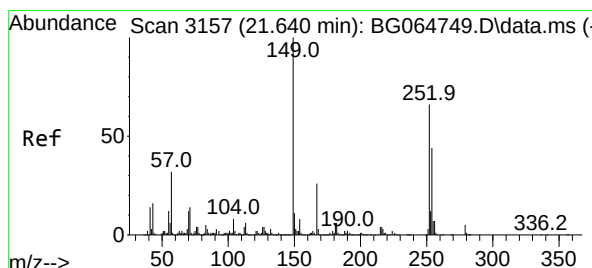
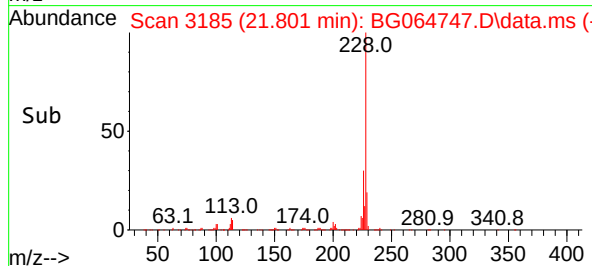
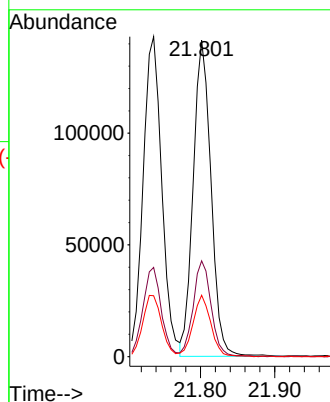
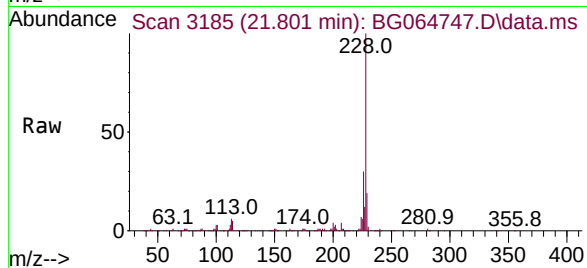
SSTDICC010

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

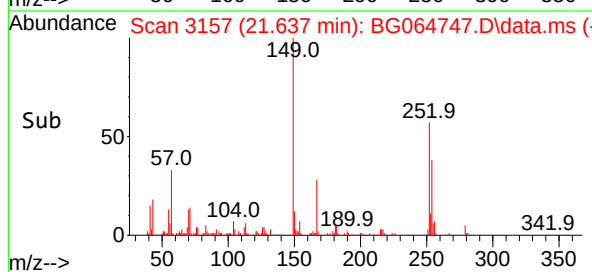
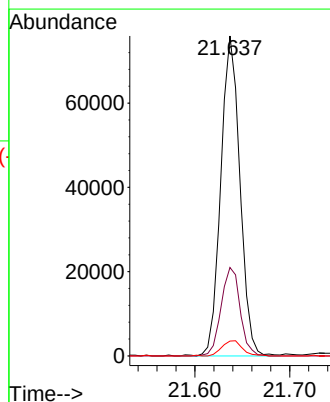
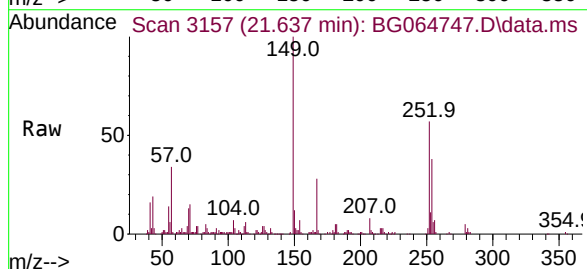
RT: 21.637 min Scan# 3157

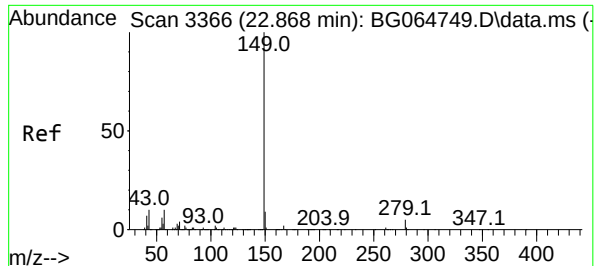
Delta R.T. -0.003 min

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





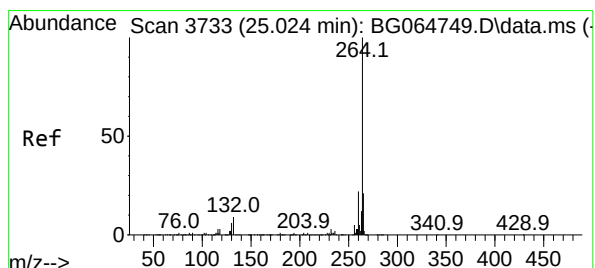
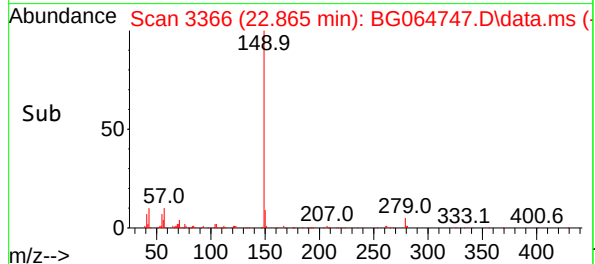
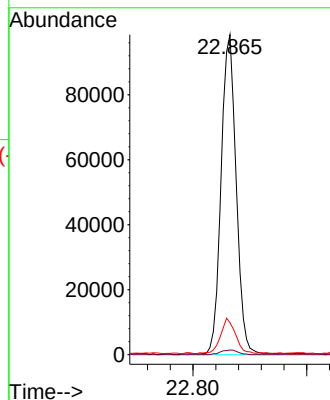
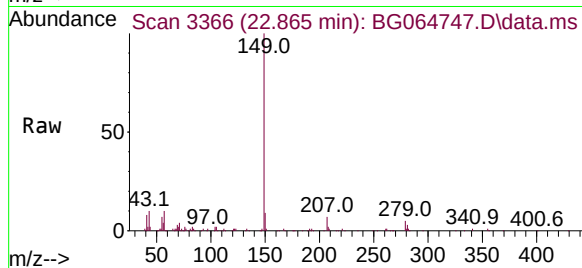
#85
Di-n-octyl phthalate
Concen: 9.967 ng
RT: 22.865 min Scan# 3366
Delta R.T. -0.003 min
Lab File: BG064747.D
Acq: 12 Nov 2025 12:39

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

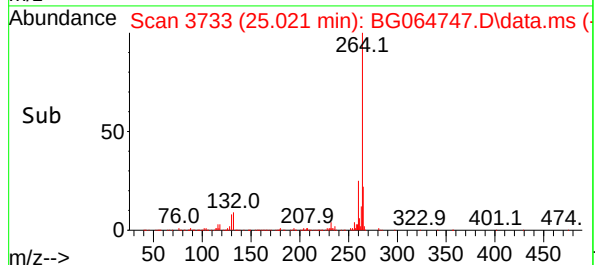
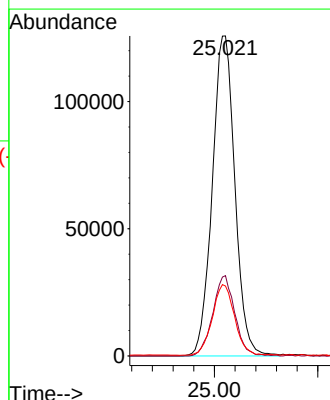
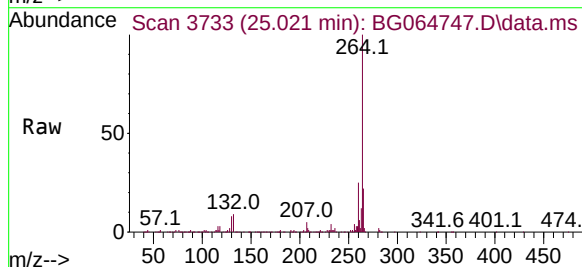
Manual Integrations
APPROVED

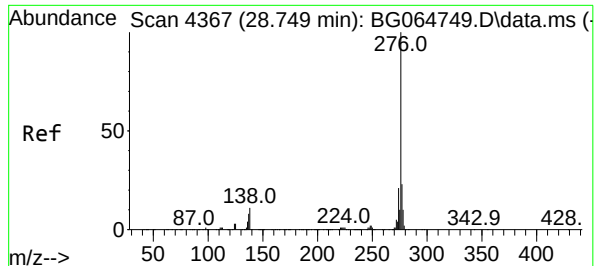
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

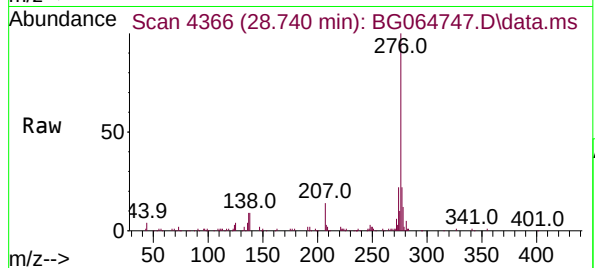
Tgt Ion:264 Resp: 382667
Ion Ratio Lower Upper
264 100
260 25.1 17.2 25.8
265 21.9 16.6 25.0





#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

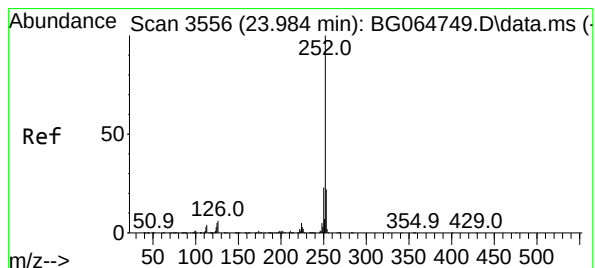
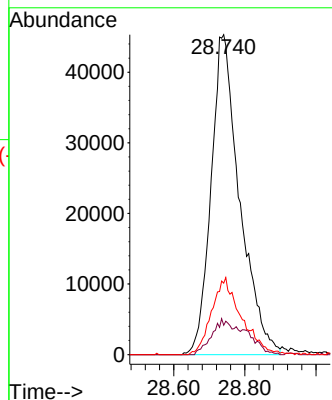
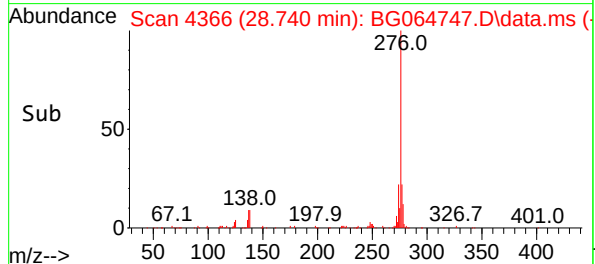
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



Tgt Ion:276 Resp: 253320
Ion Ratio Lower Upper
276 100
138 9.2 4.5 6.7
277 24.9 20.0 30.0

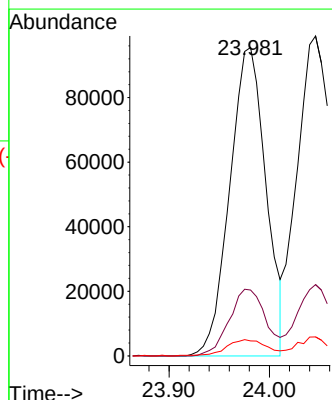
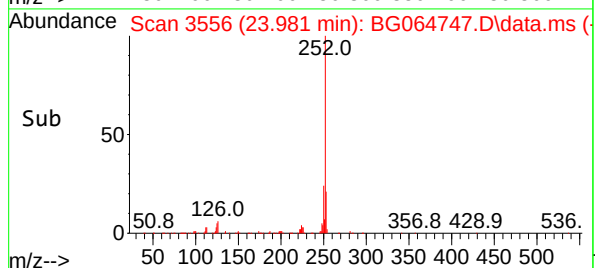
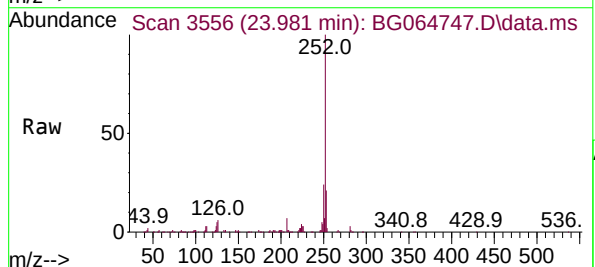
Manual Integrations
APPROVED

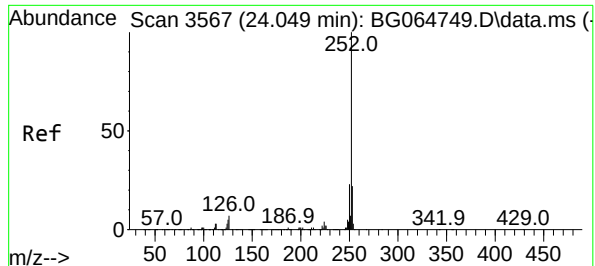
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

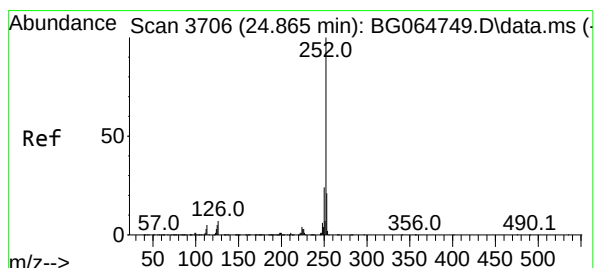
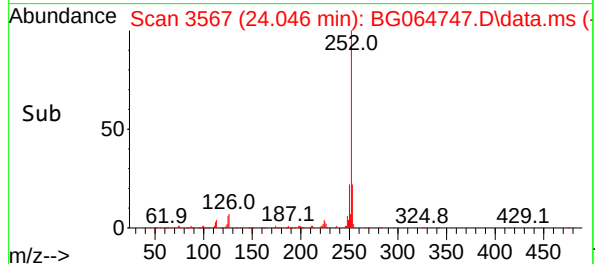
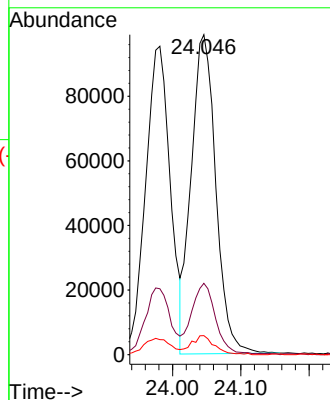
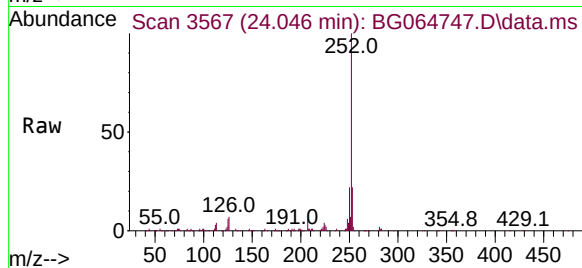
125 5.9 4.1 6.1

Manual Integrations

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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

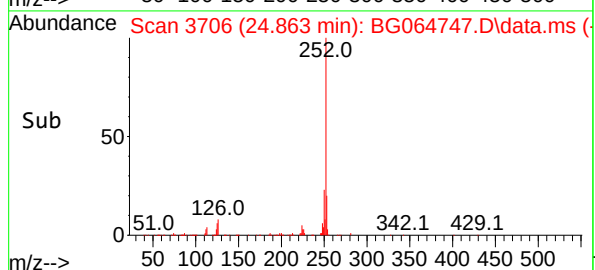
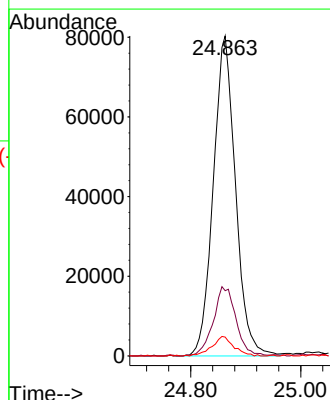
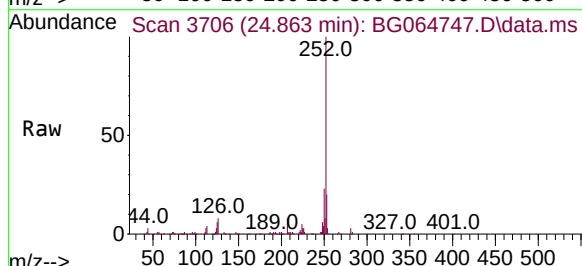
Tgt Ion:252 Resp: 224991

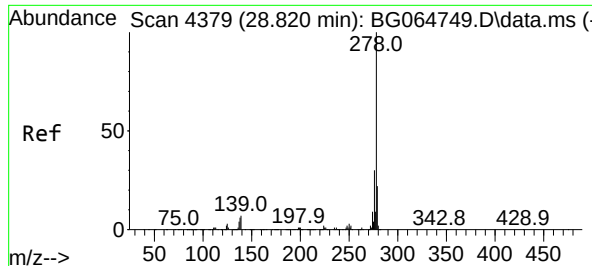
Ion Ratio Lower Upper

252 100

253 20.4 16.9 25.3

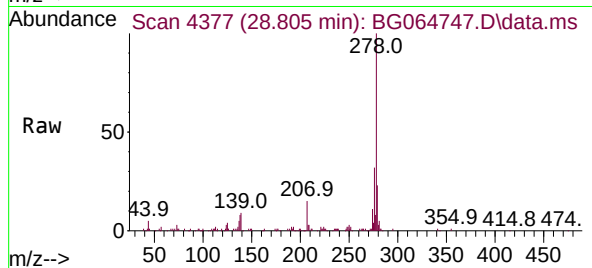
125 5.9 4.2 6.4





#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

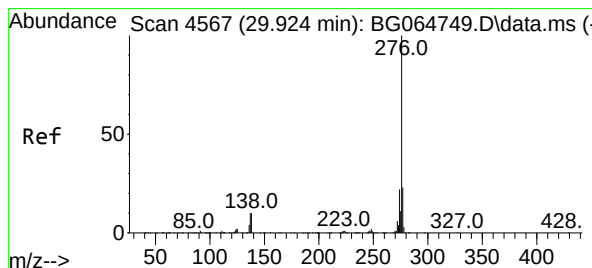
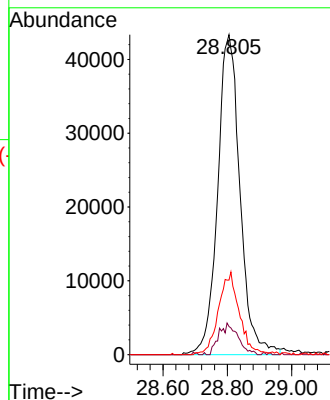
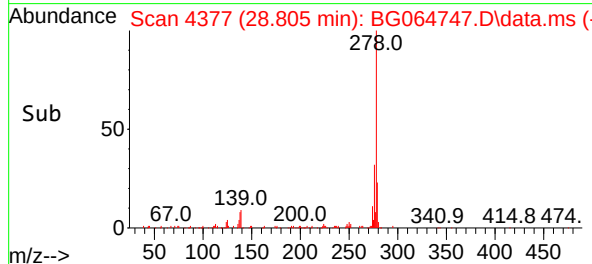
Instrument :
BNA_G
ClientSampleId :
SSTDICC010



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

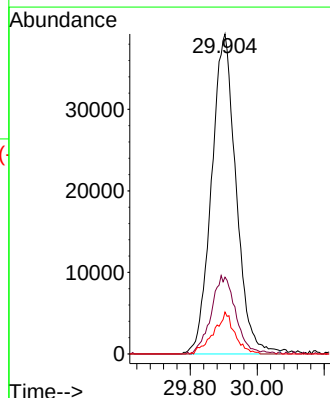
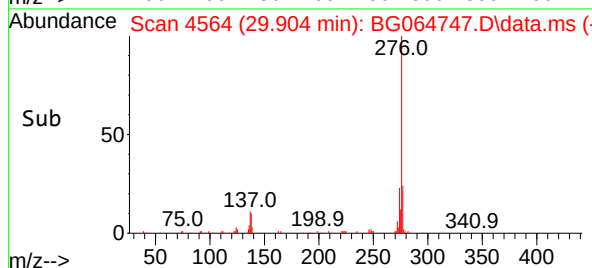
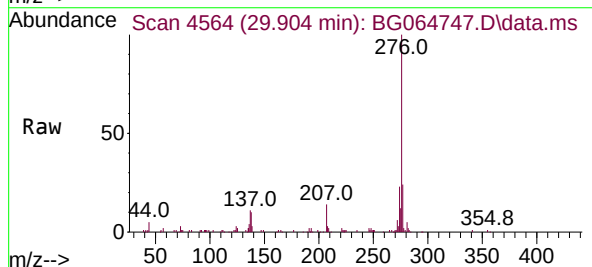
Manual Integrations
APPROVED

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

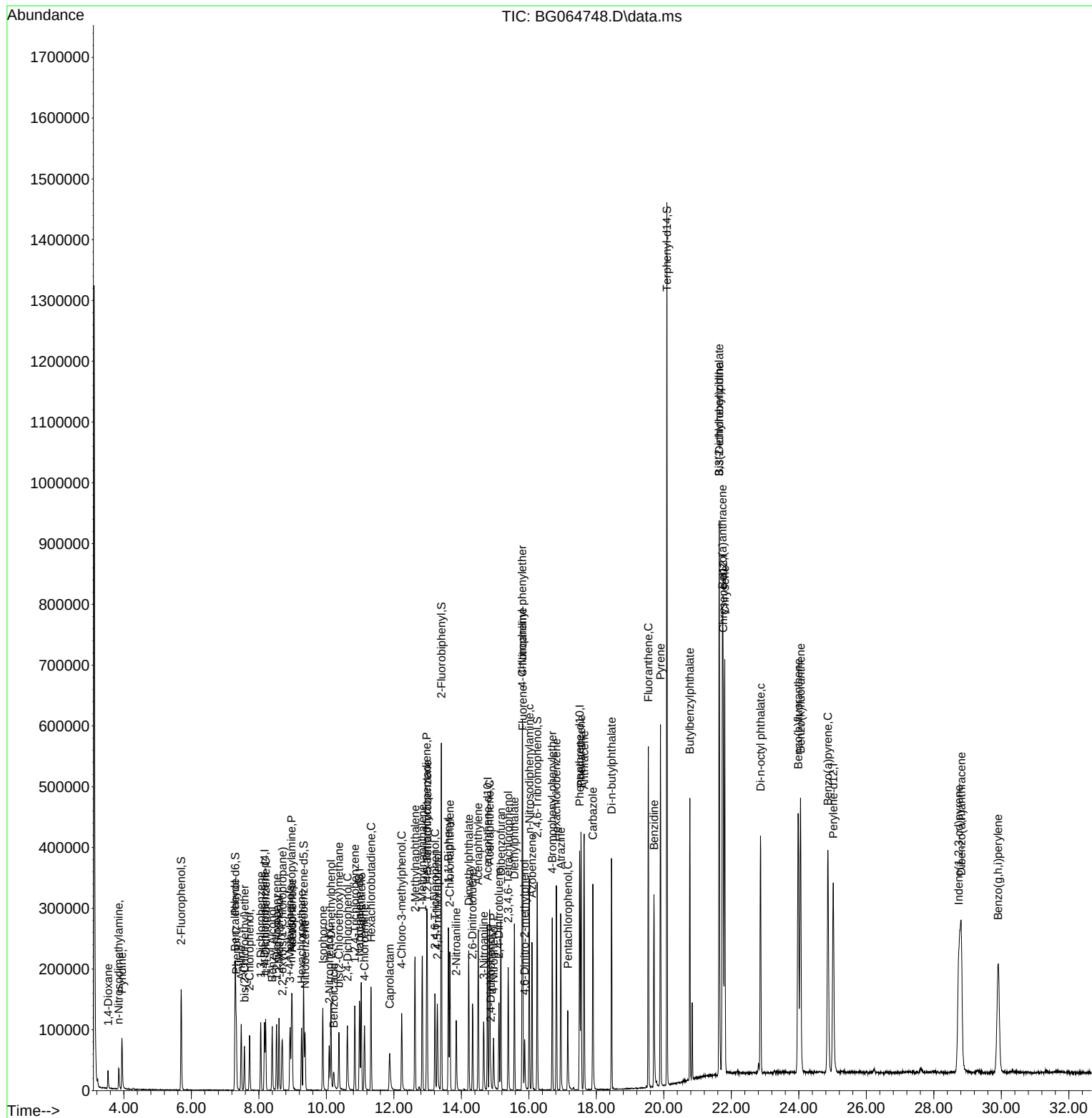
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Acq On    : 12 Nov 2025  13:20  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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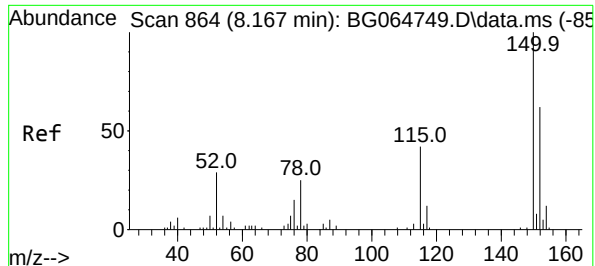
Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

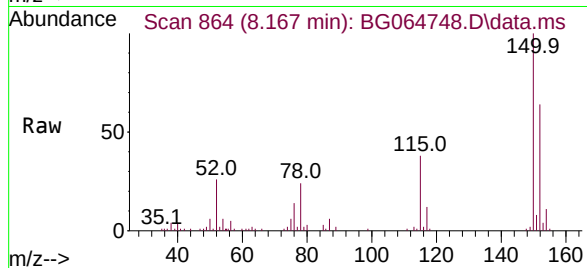
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration





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

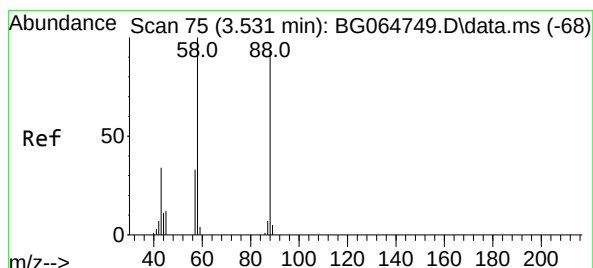
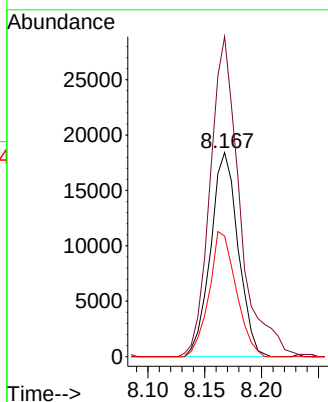
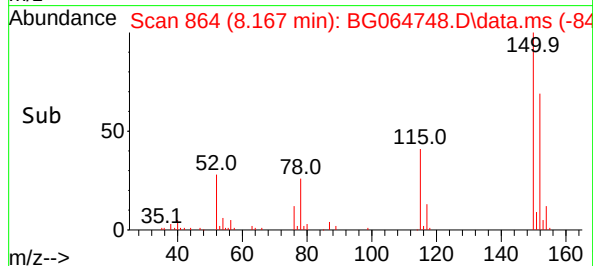
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 30983
Ion Ratio Lower Upper
152 100
150 156.8 129.2 193.8
115 59.1 53.7 80.5

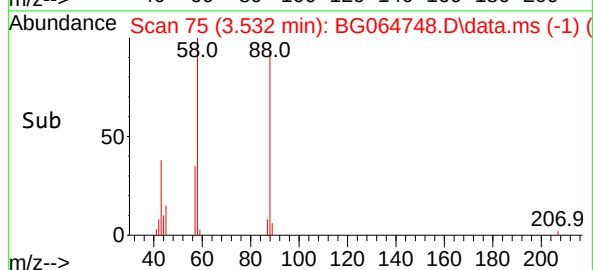
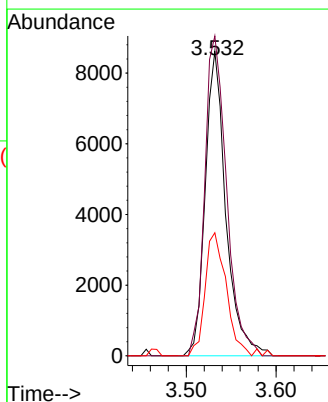
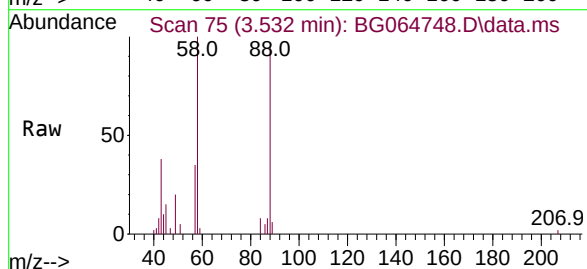
Manual Integrations
APPROVED

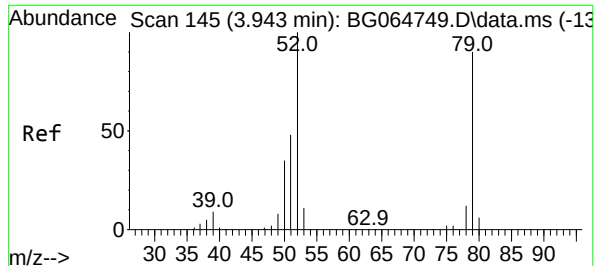
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

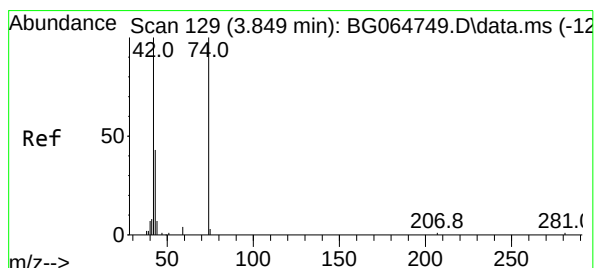
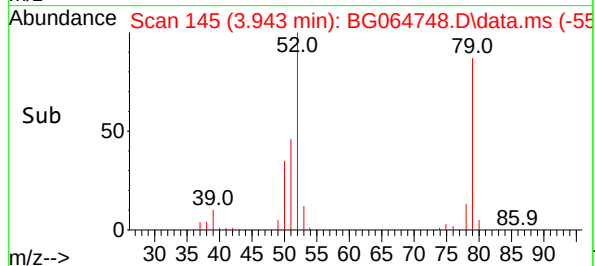
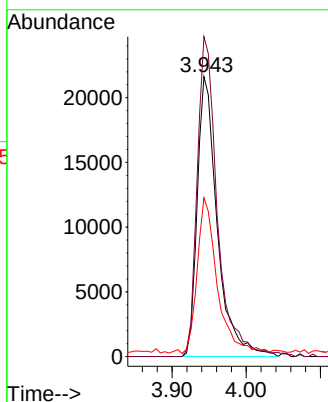
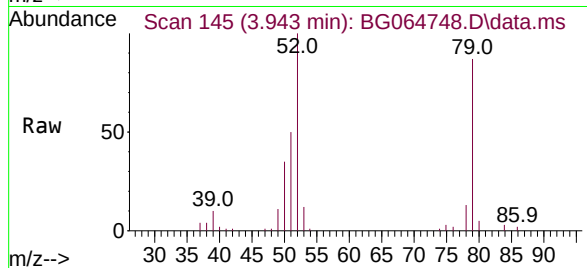
SSTDICC020

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

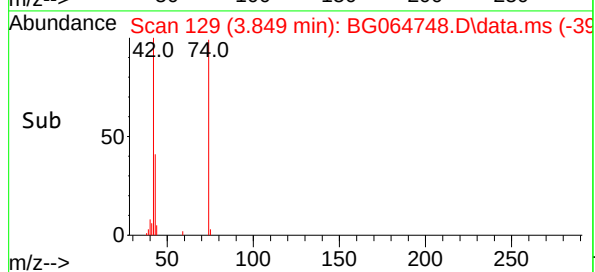
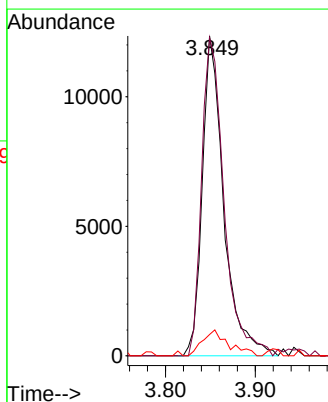
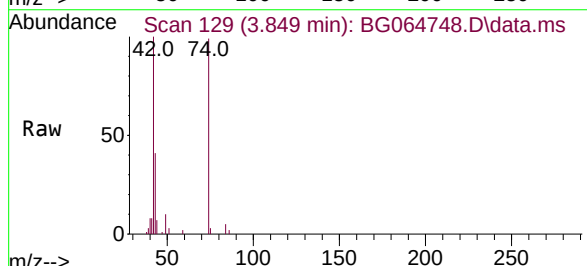
RT: 3.849 min Scan# 129

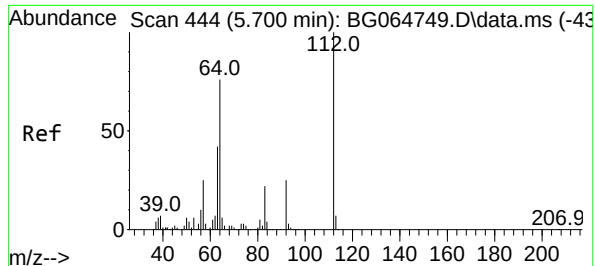
Delta R.T. 0.000 min

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





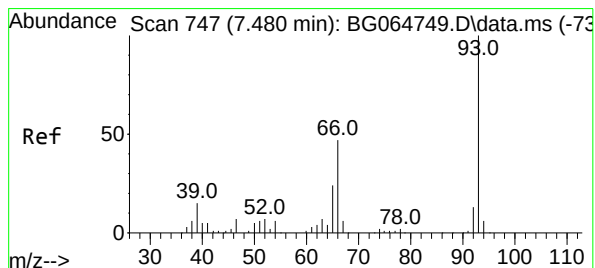
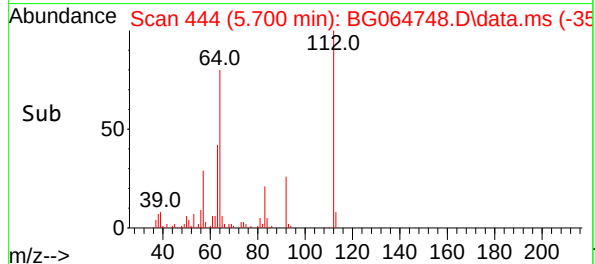
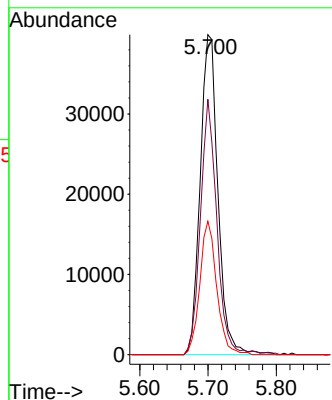
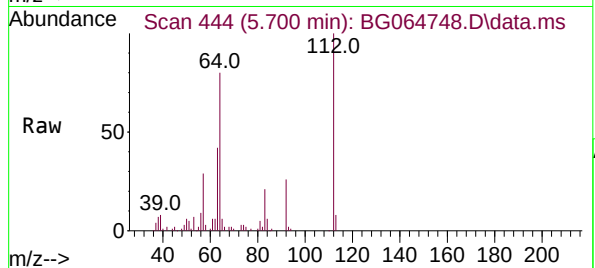
#5
2-Fluorophenol
Concen: 40.674 ng
RT: 5.700 min Scan# 444
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

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

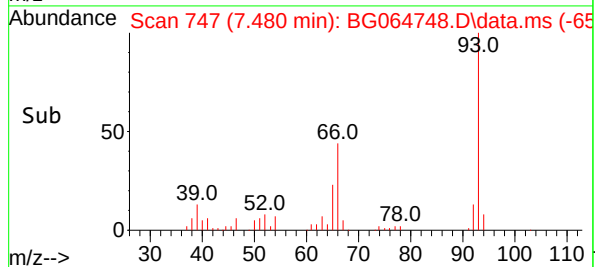
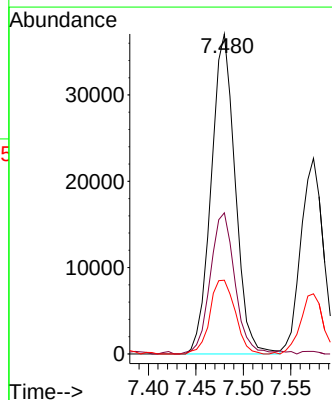
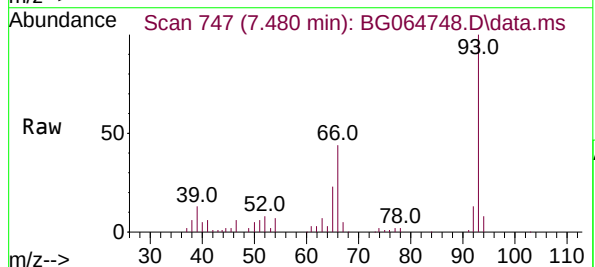
Manual Integrations
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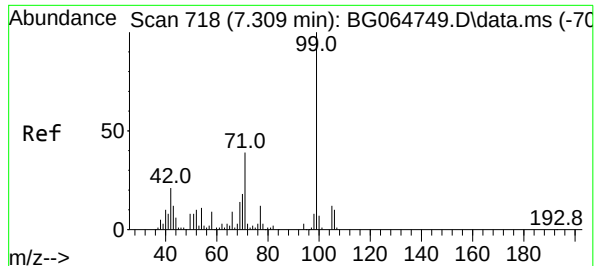
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

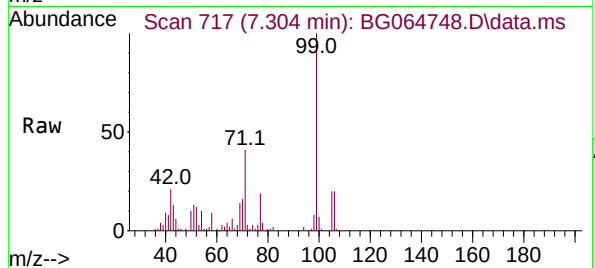
Tgt Ion:	93	Resp:	65205
Ion Ratio	Lower	Upper	
93	100		
66	44.1	37.7	56.5
65	23.0	19.1	28.7





#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

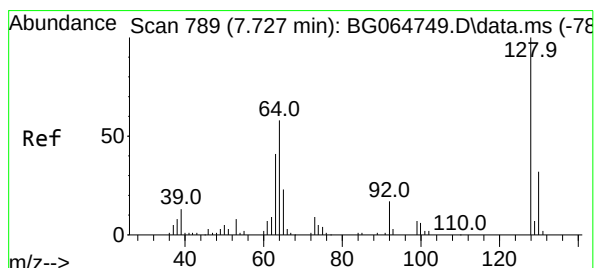
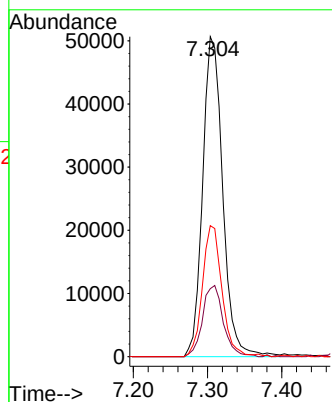
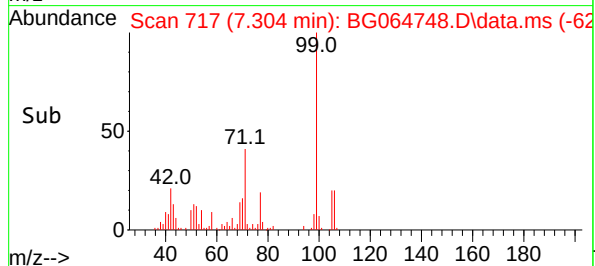
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

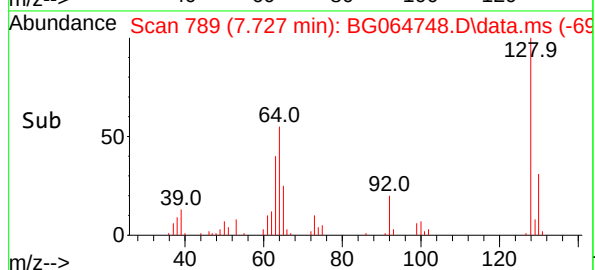
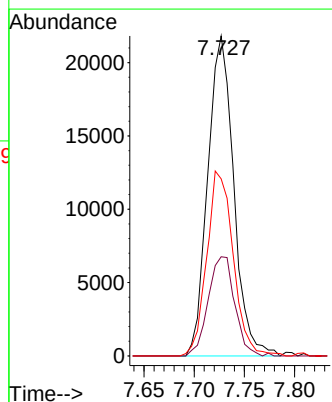
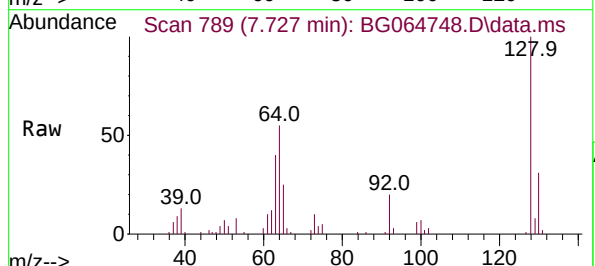
Manual Integrations
APPROVED

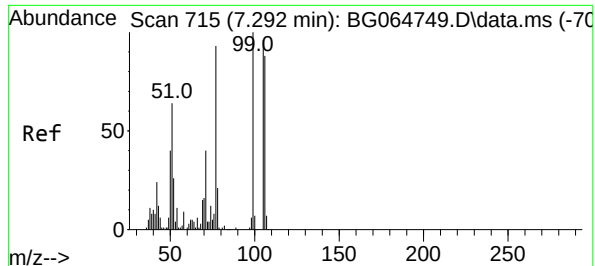
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

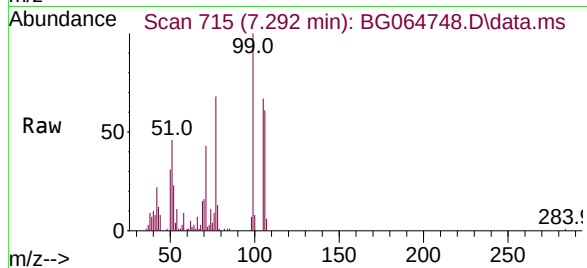
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

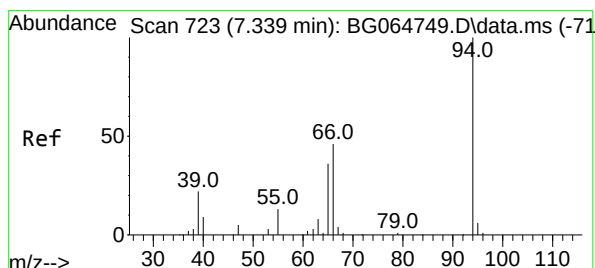
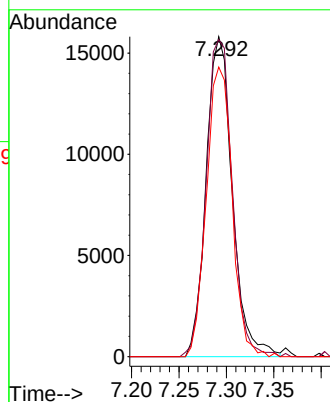
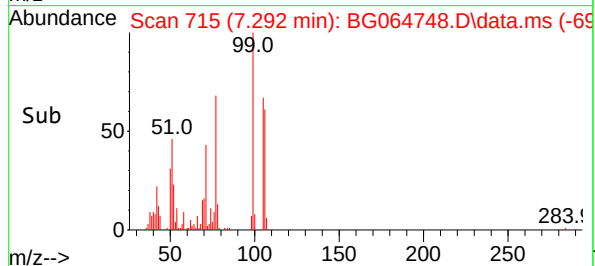


Tgt Ion:	77	Resp:	30372
Ion	Ratio	Lower	Upper
77	100		
105	99.1	83.8	123.8
106	90.5	74.3	114.3

Manual Integrations

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



#10

Phenol

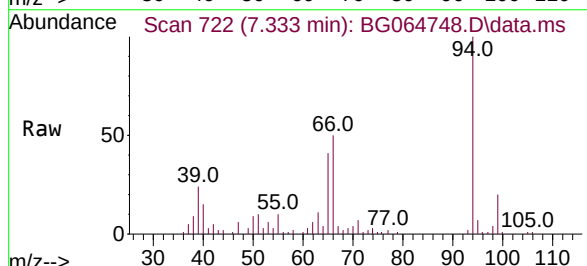
Concen: 20.103 ng

RT: 7.333 min Scan# 722

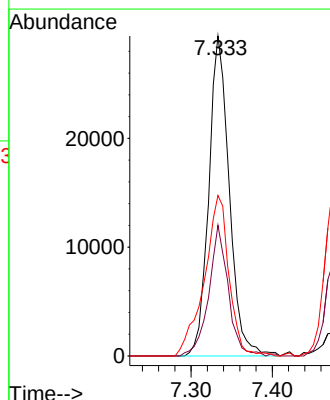
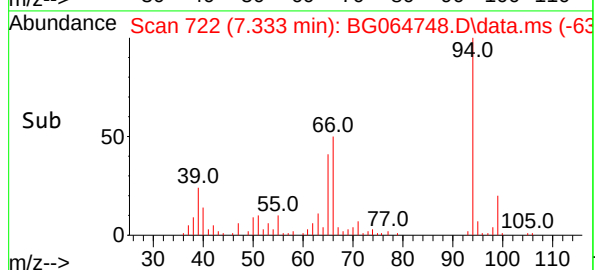
Delta R.T. -0.006 min

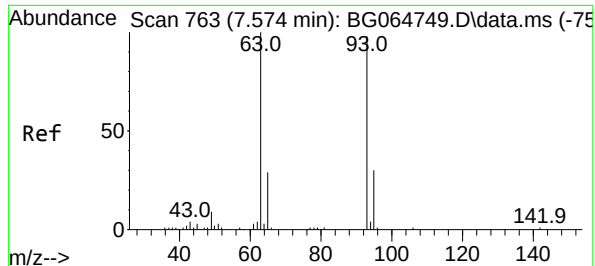
Lab File: BG064748.D

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 :

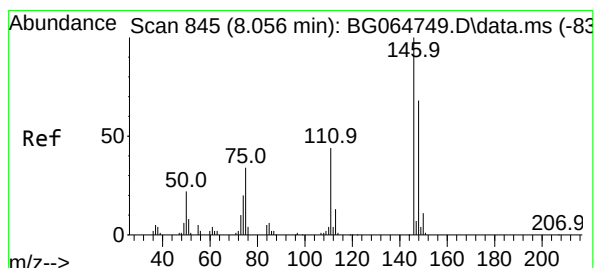
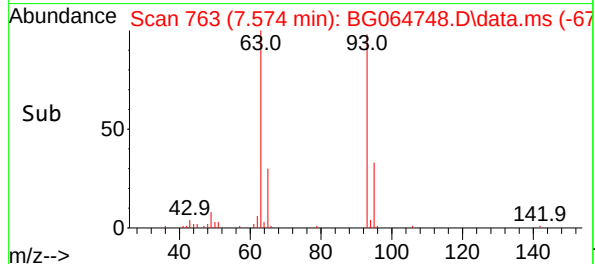
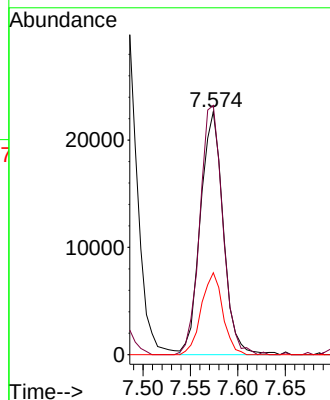
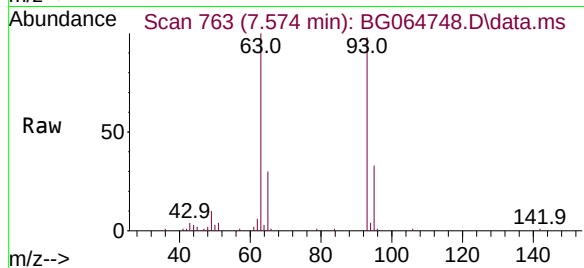
SSTDICC020

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

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Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 20.545 ng

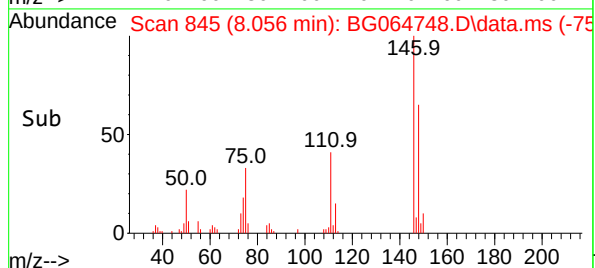
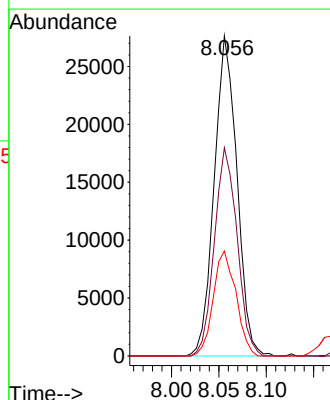
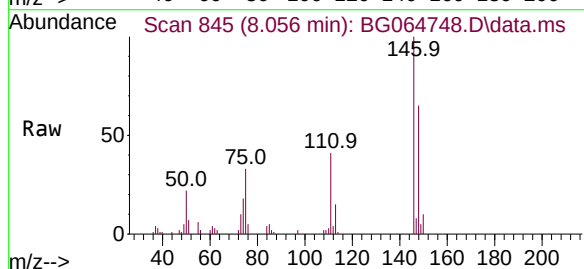
RT: 8.056 min Scan# 845

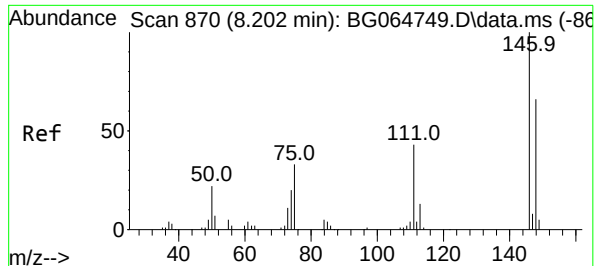
Delta R.T. 0.000 min

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

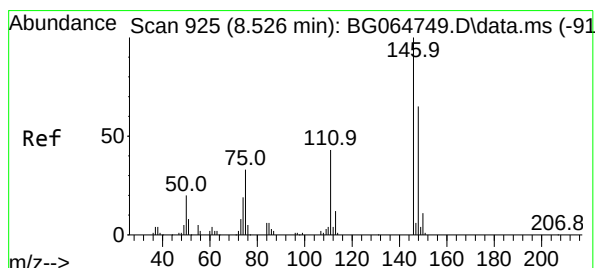
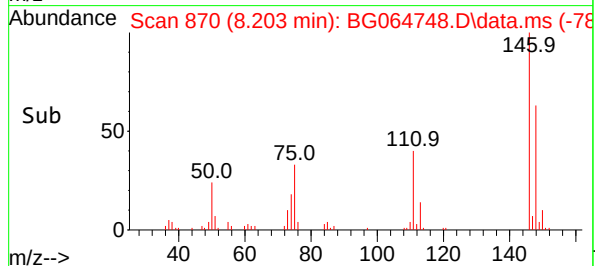
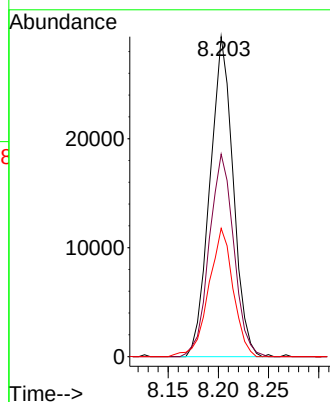
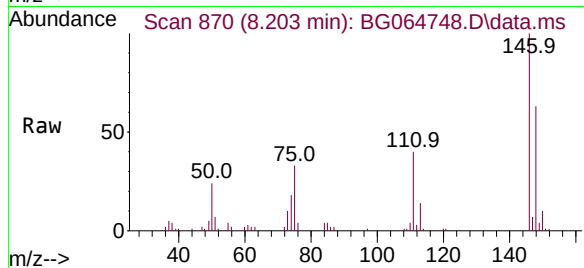
111 40.1 34.1 51.1

Manual Integrations

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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

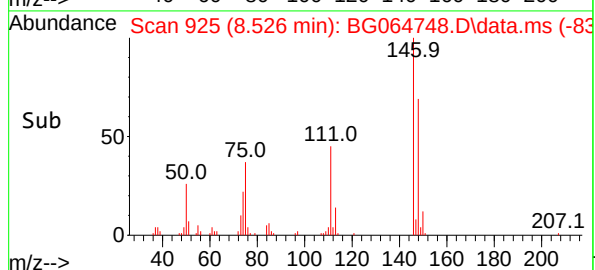
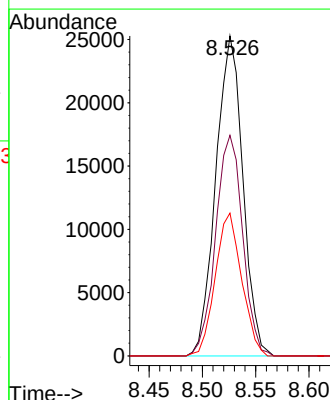
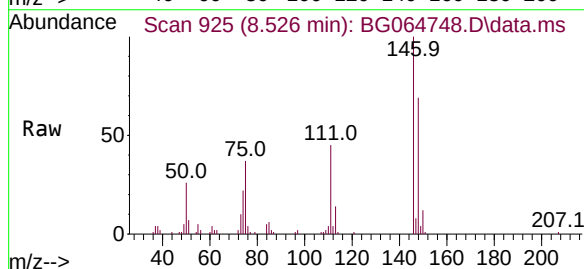
Tgt Ion:146 Resp: 44745

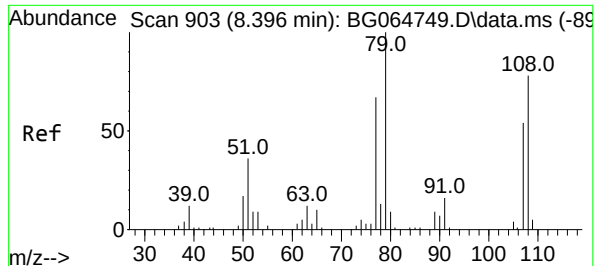
Ion Ratio Lower Upper

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# 903

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

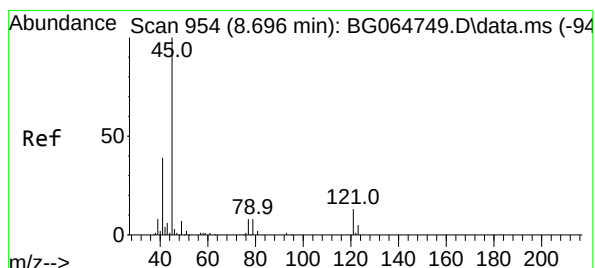
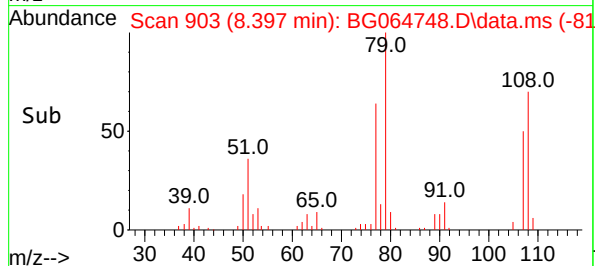
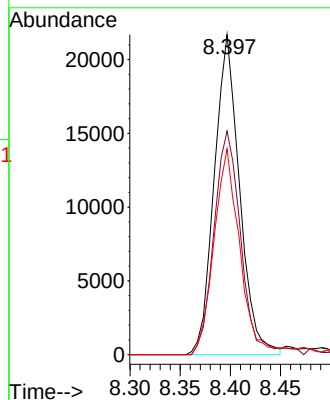
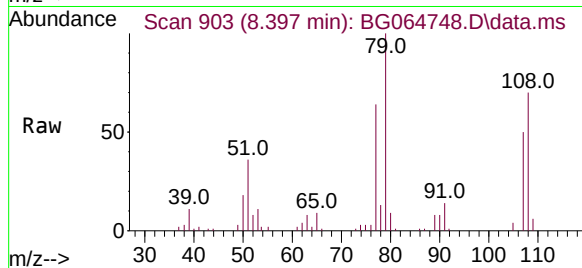
Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Tgt Ion: 79	Resp: 38065
Ion Ratio	Lower Upper
79 100	
108 69.8	62.3 93.5
77 64.3	53.5 80.3

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Supervised By :Sohil Jodhani 11/14/2025

#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.198 ng

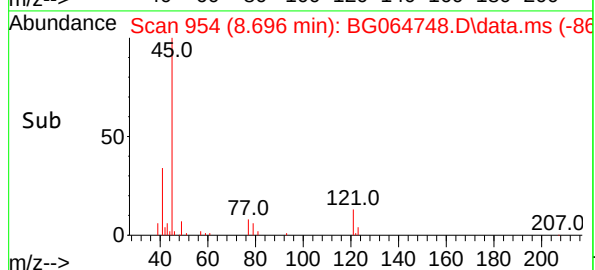
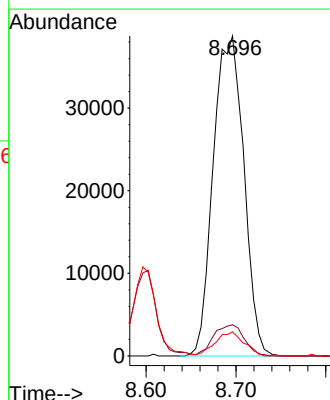
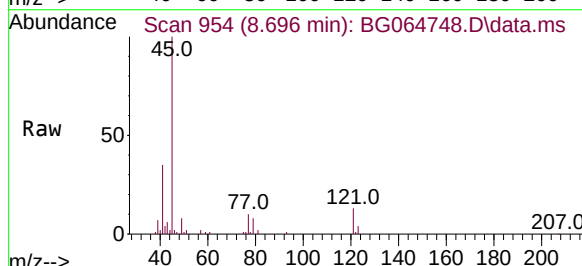
RT: 8.696 min Scan# 954

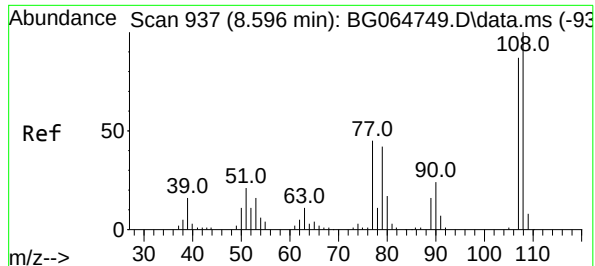
Delta R.T. 0.000 min

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

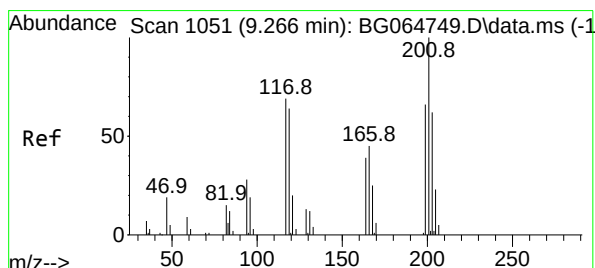
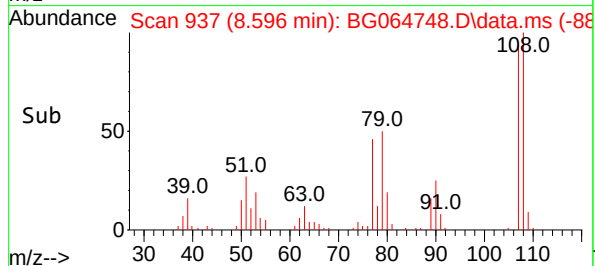
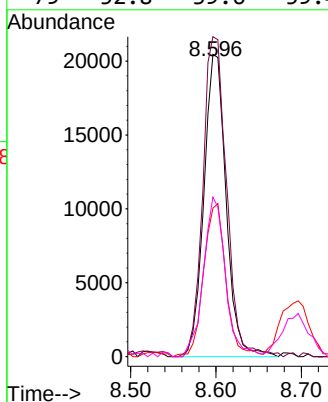
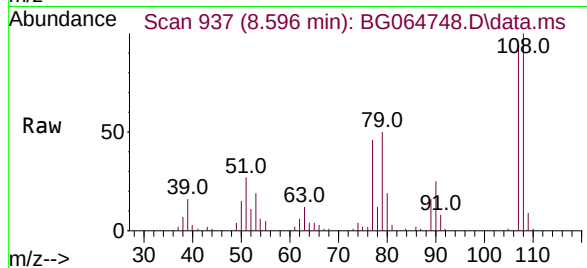
79 52.8 39.6 59.4

Manual Integrations

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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

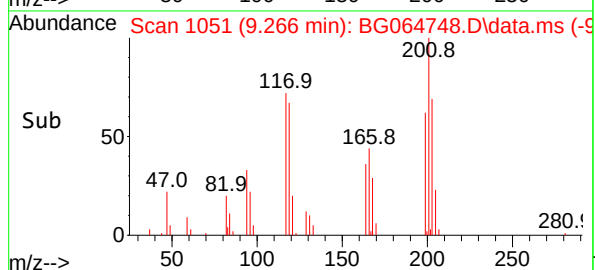
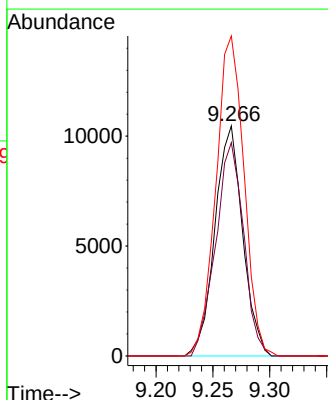
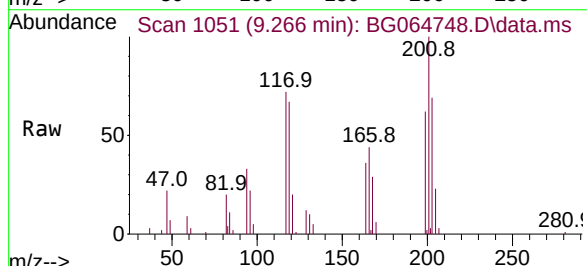
Tgt Ion:117 Resp: 17722

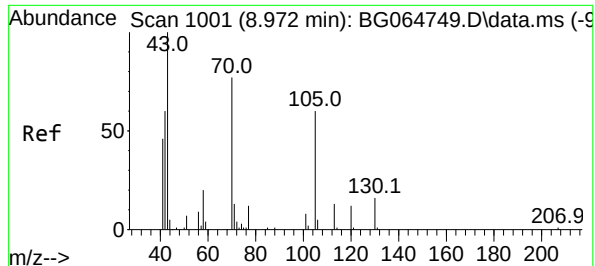
Ion Ratio Lower Upper

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

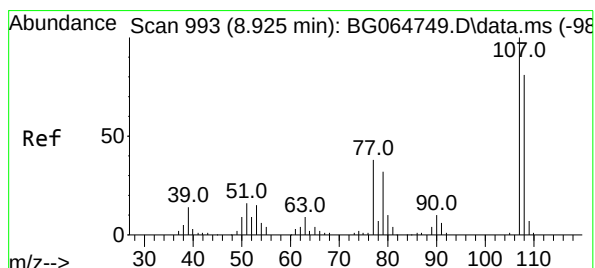
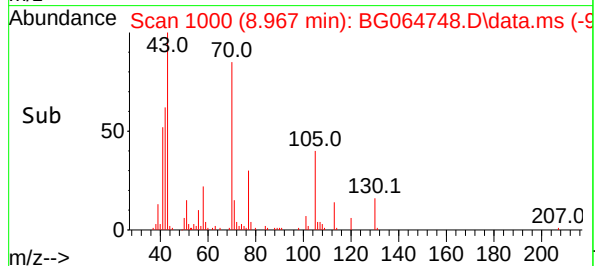
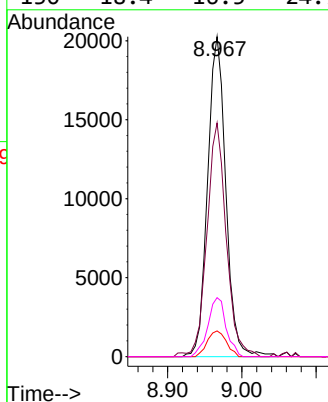
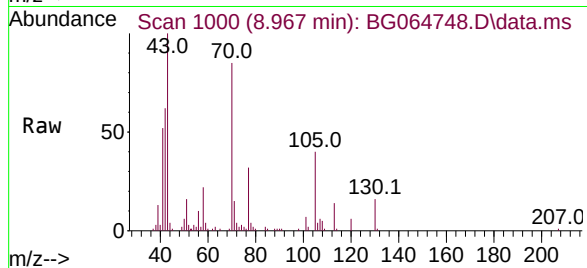
130 18.4 16.5 24.7

Manual Integrations

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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

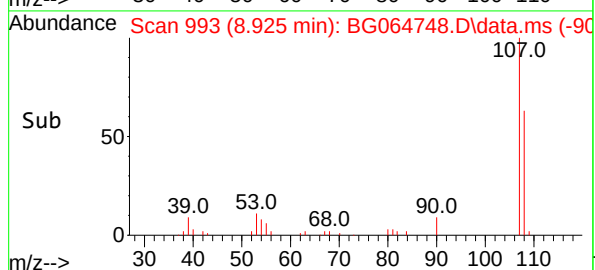
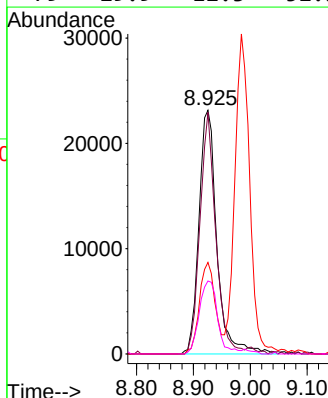
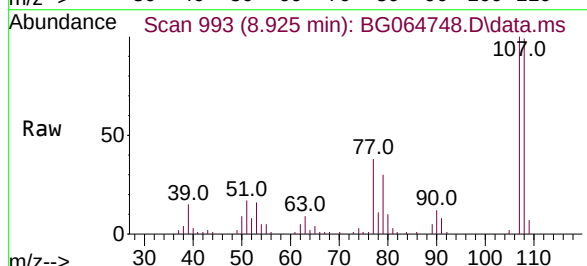
Ion Ratio Lower Upper

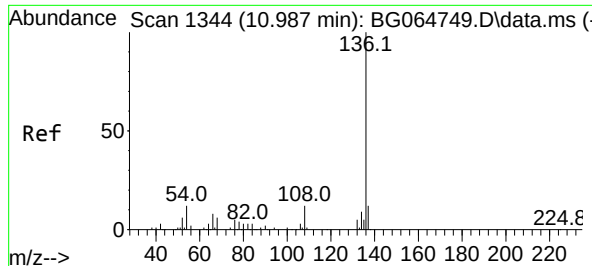
107 100

108 99.2 61.0 101.0

77 37.5 17.6 57.6

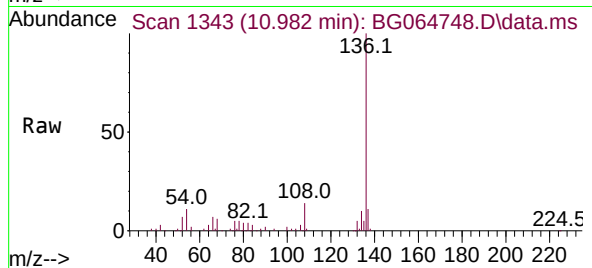
79 29.9 12.3 52.3





#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

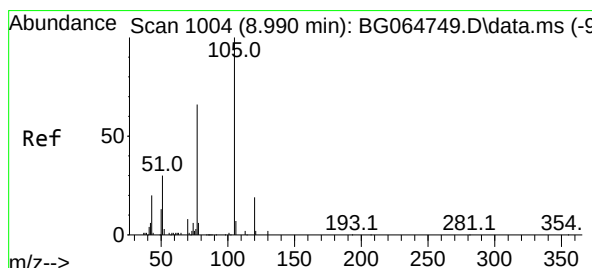
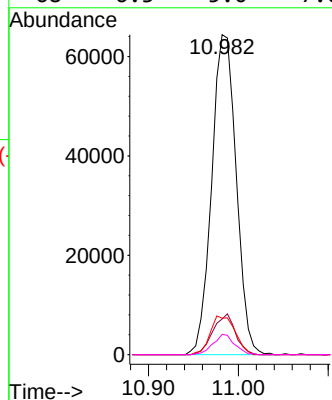
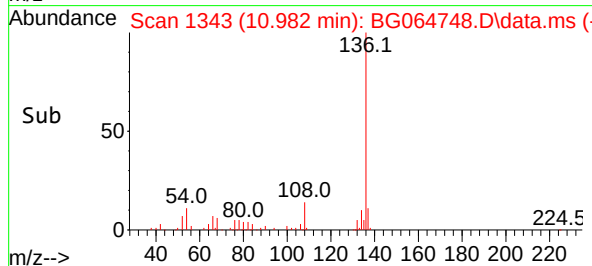
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:136 Resp: 122144
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

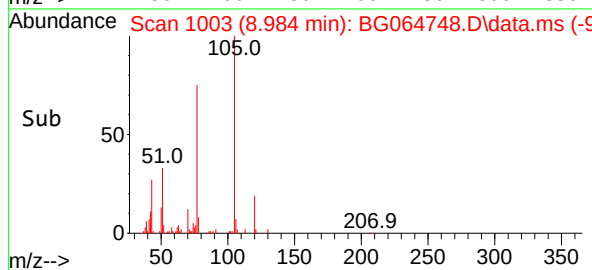
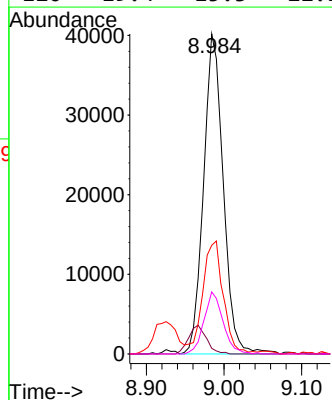
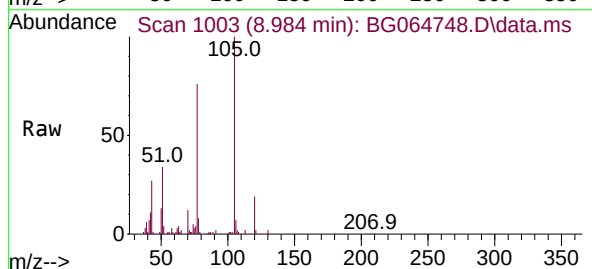
Manual Integrations
APPROVED

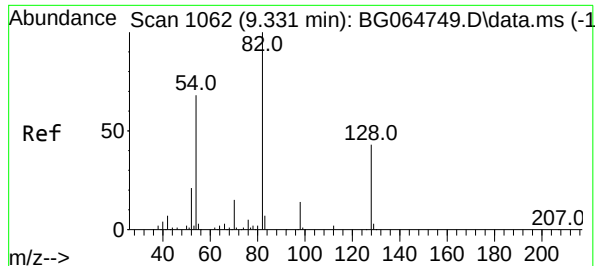
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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:105 Resp: 70914
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

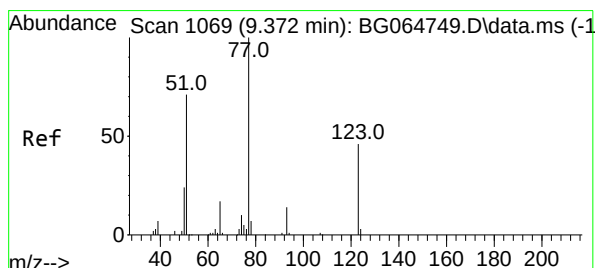
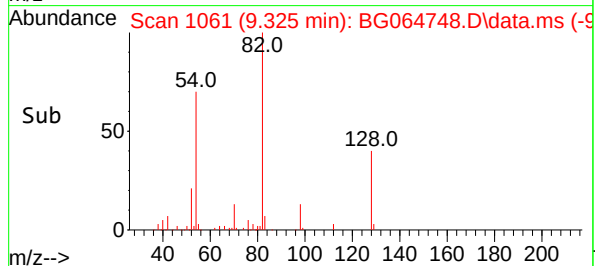
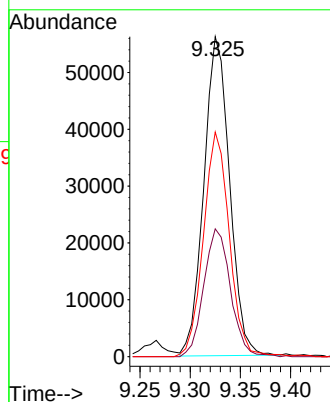
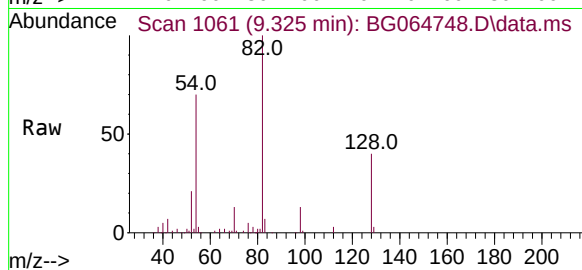
54 70.2 54.3 81.5

Manual Integrations

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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

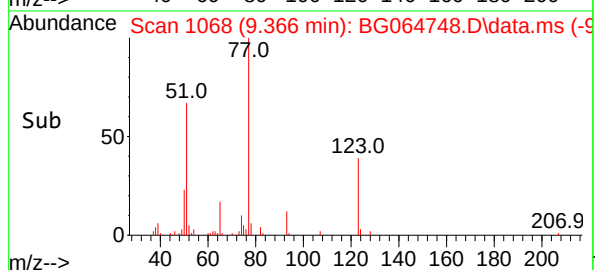
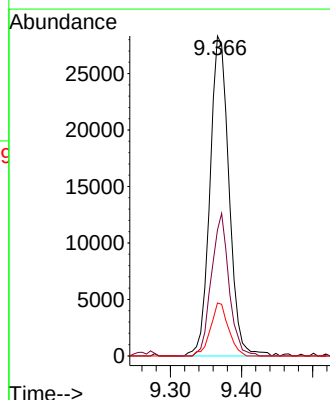
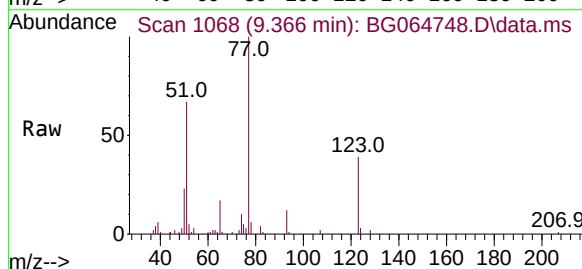
Tgt Ion: 77 Resp: 52662

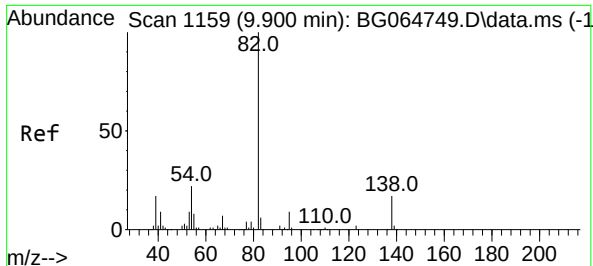
Ion Ratio Lower Upper

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 :

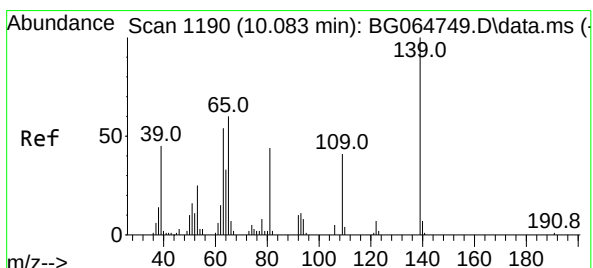
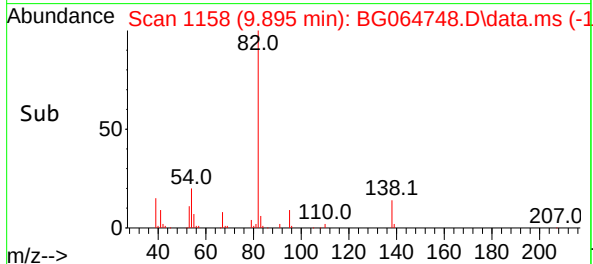
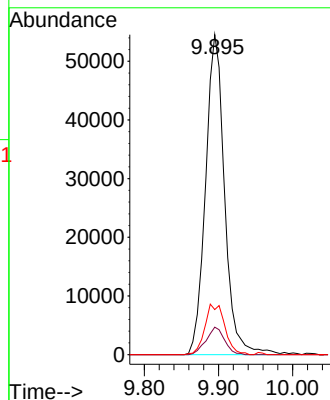
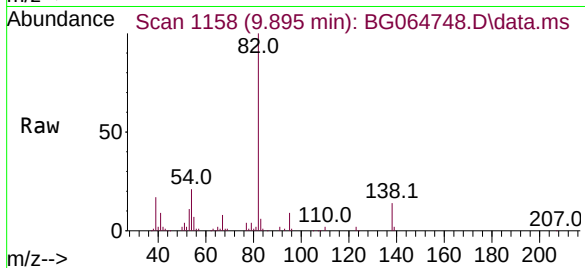
SSTDICC020

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

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



#26

2-Nitrophenol

Concen: 20.521 ng

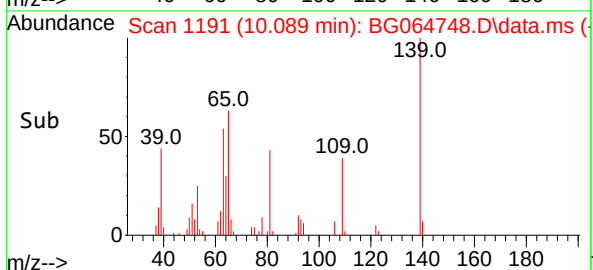
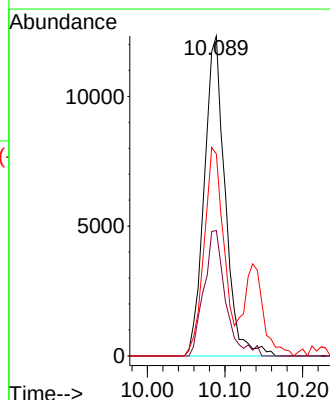
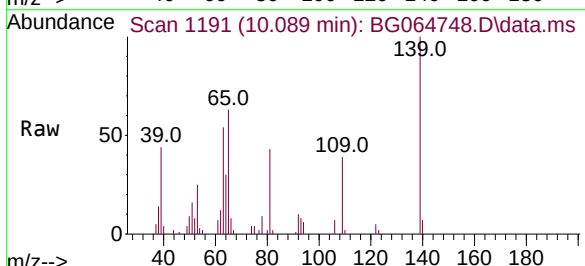
RT: 10.089 min Scan# 1191

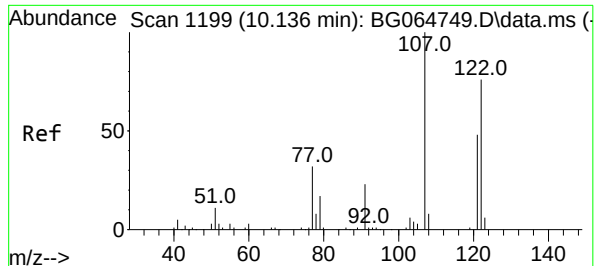
Delta R.T. 0.006 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

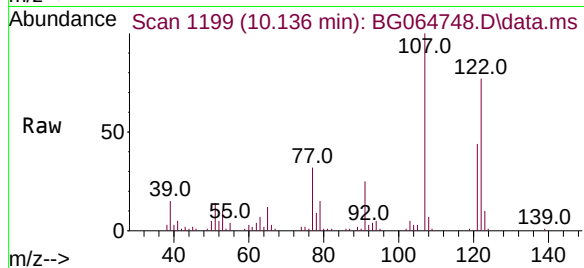
Tgt Ion:	139	Resp:	23040
Ion Ratio	Lower	Upper	
139	100		
109	39.2	32.5	48.7
65	63.1	47.6	71.4





#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

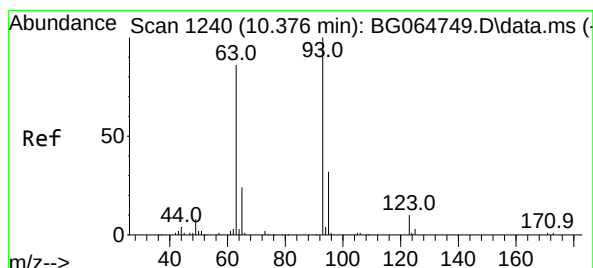
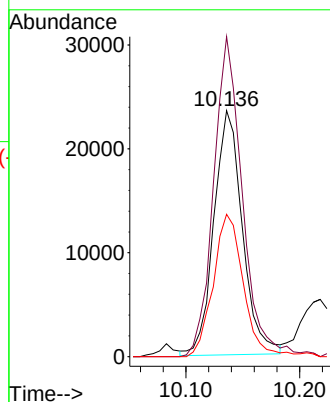
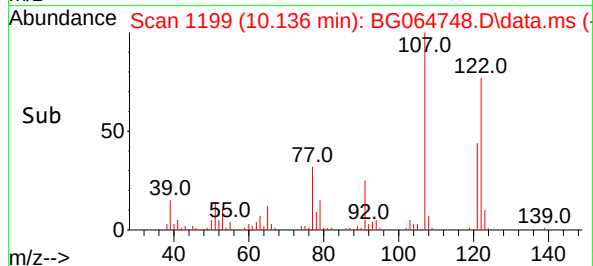
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

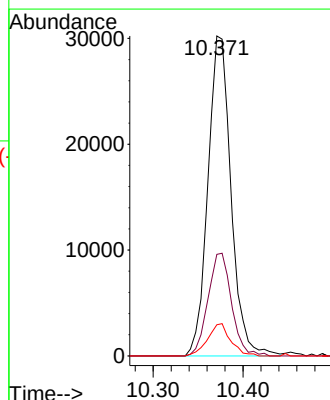
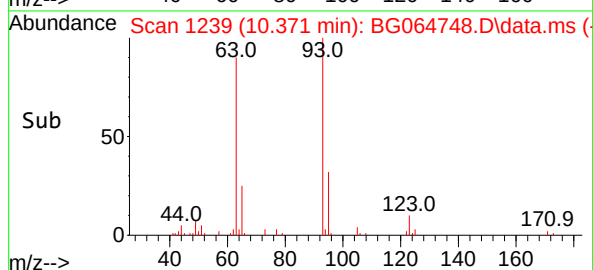
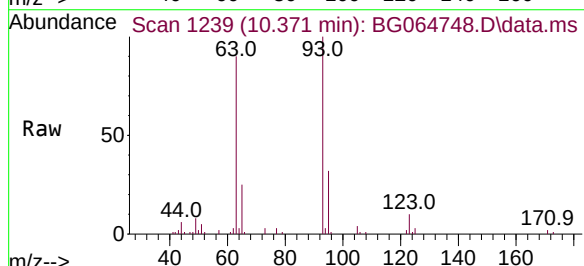
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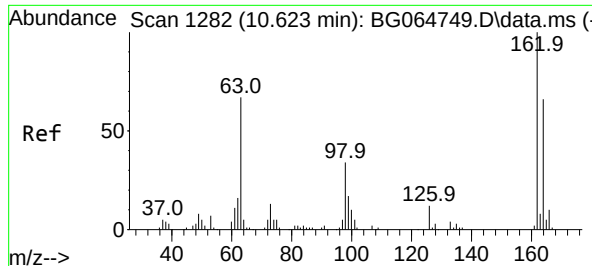
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

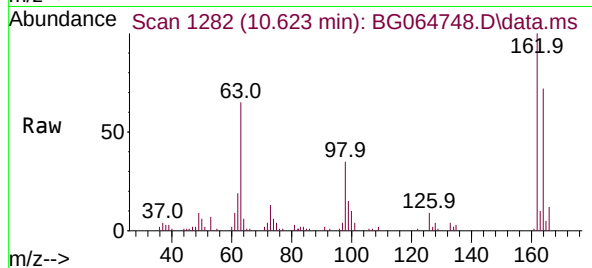
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

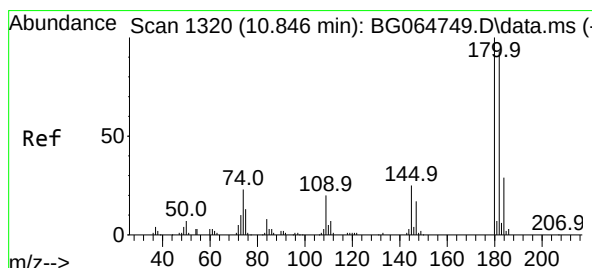
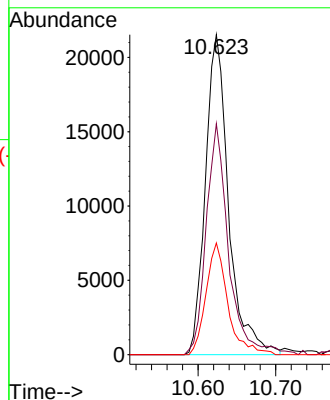
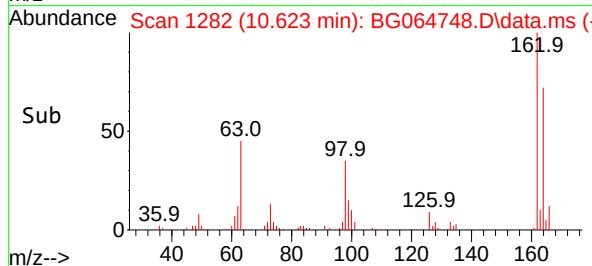


Tgt Ion:	162	Resp:	44768
Ion Ratio	Lower	Upper	
162	100		
164	72.1	46.0	86.0
98	34.9	14.2	54.2

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

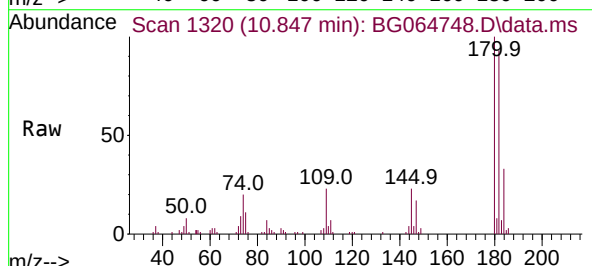
Concen: 20.916 ng

RT: 10.847 min Scan# 1320

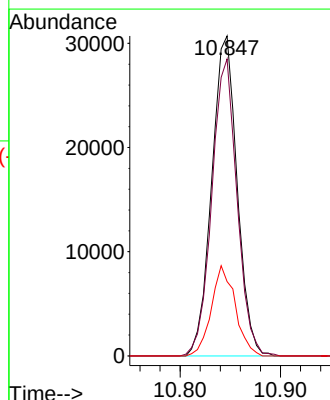
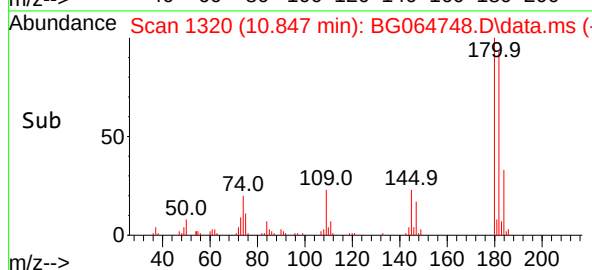
Delta R.T. 0.000 min

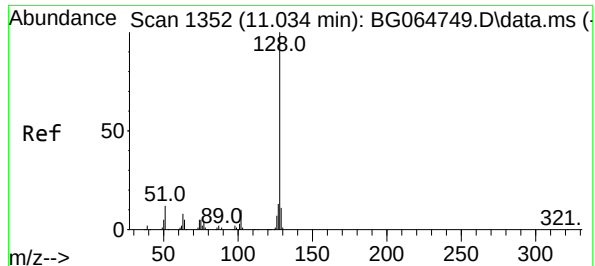
Lab File: BG064748.D

Acq: 12 Nov 2025 13:20



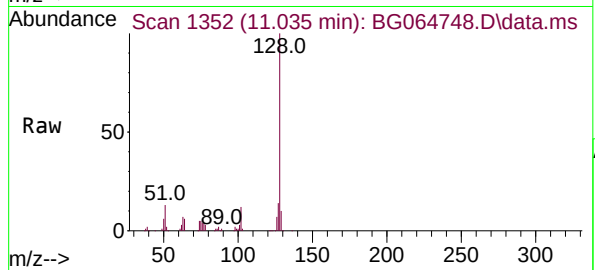
Tgt Ion:	180	Resp:	54086
Ion Ratio	Lower	Upper	
180	100		
182	92.8	74.2	111.4
145	23.2	20.0	30.0





#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

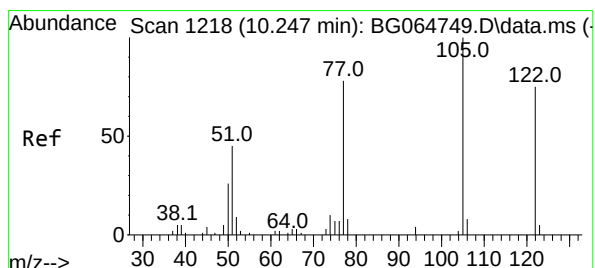
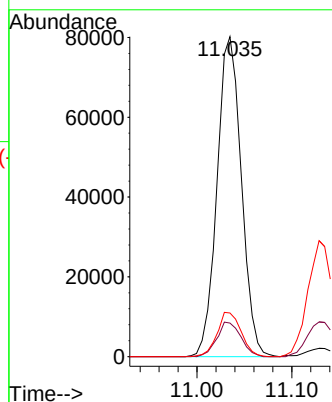
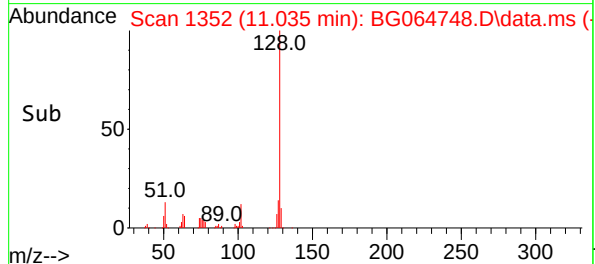
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

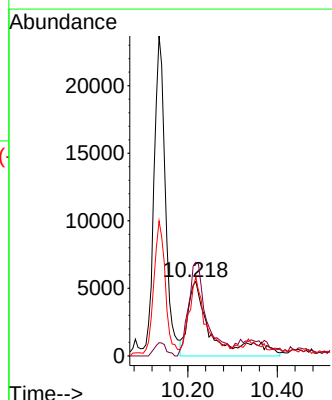
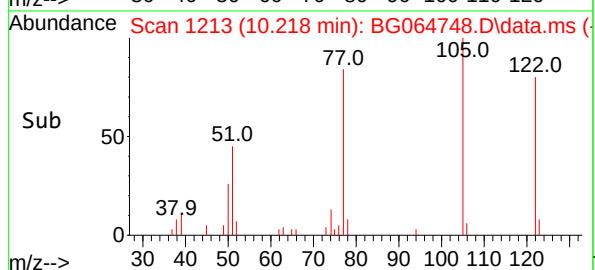
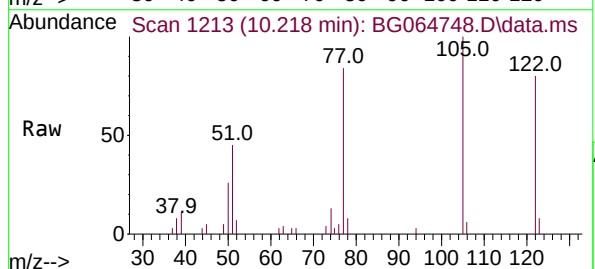
Manual Integrations
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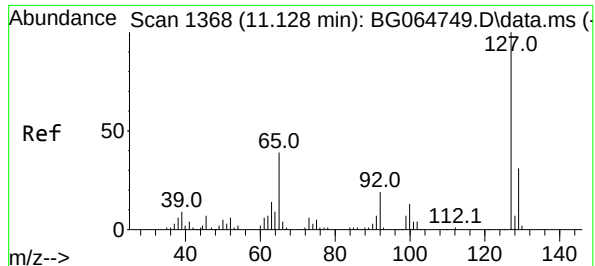
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





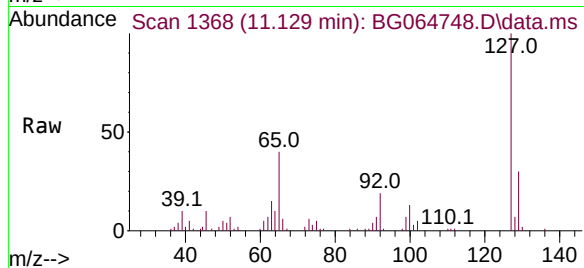
#33
4-Chloroaniline
Concen: 21.026 ng
RT: 11.129 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

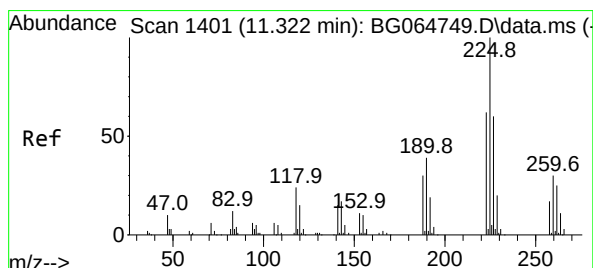
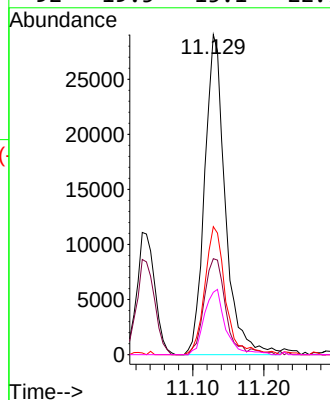
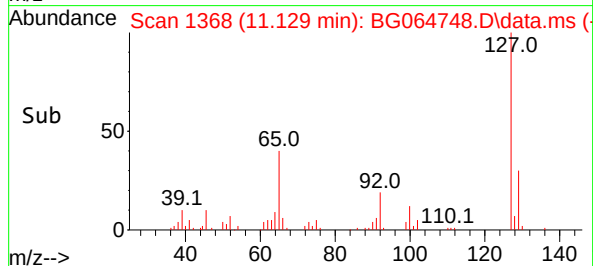


Tgt Ion:127 Resp: 58239
Ion Ratio Lower Upper
127 100
129 30.0 24.9 37.3
65 40.0 30.9 46.3
92 19.5 15.1 22.7

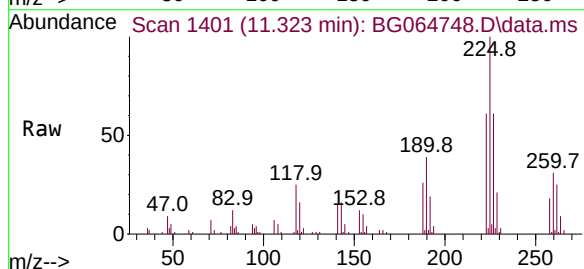
Manual Integrations

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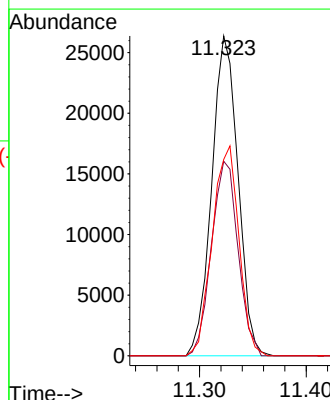
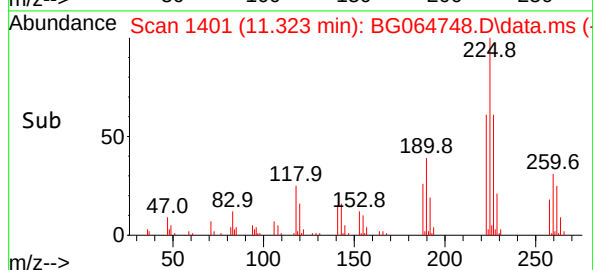
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

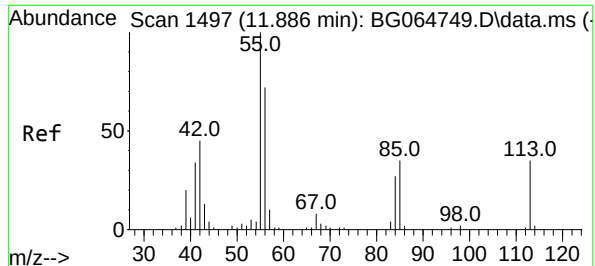


#34
Hexachlorobutadiene
Concen: 20.367 ng
RT: 11.323 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



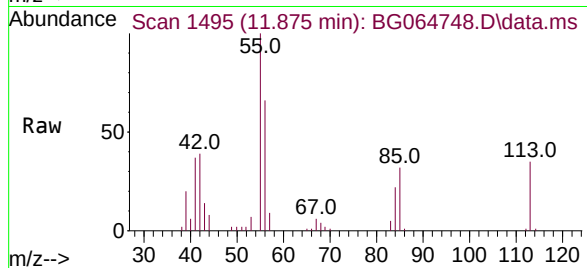
Tgt Ion:225 Resp: 45189
Ion Ratio Lower Upper
225 100
223 60.8 49.9 74.9
227 64.8 50.6 75.8





#35
Caprolactam
Concen: 19.811 ng
RT: 11.875 min Scan# 1497
Delta R.T. -0.012 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

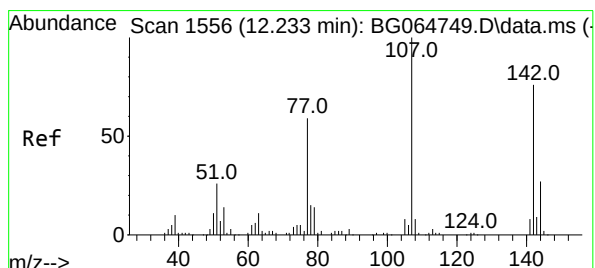
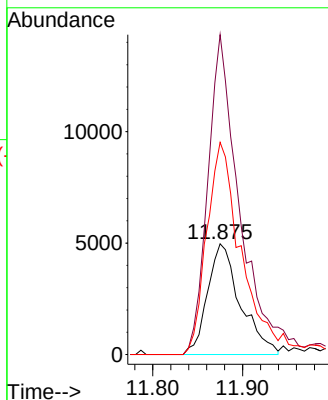
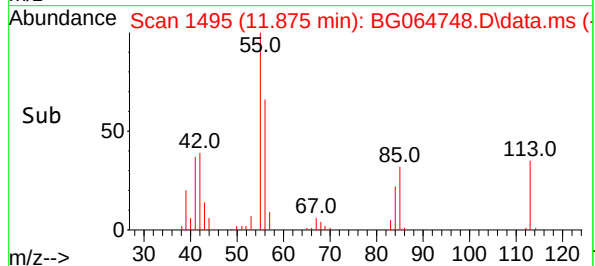
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

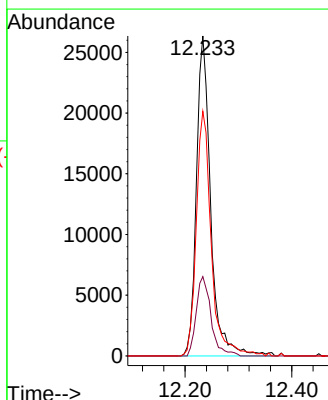
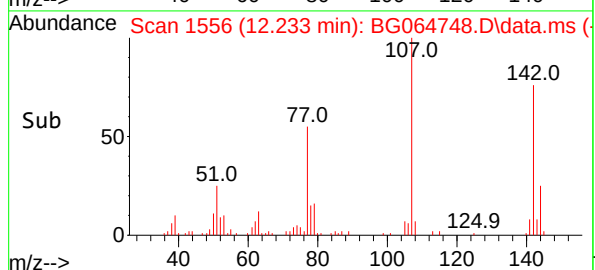
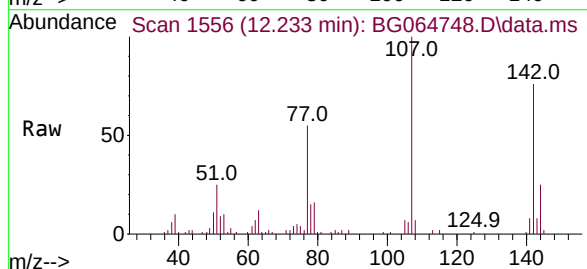
Manual Integrations
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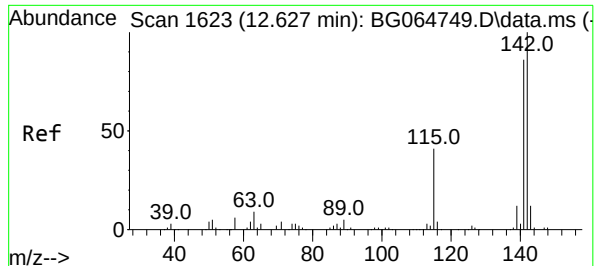
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

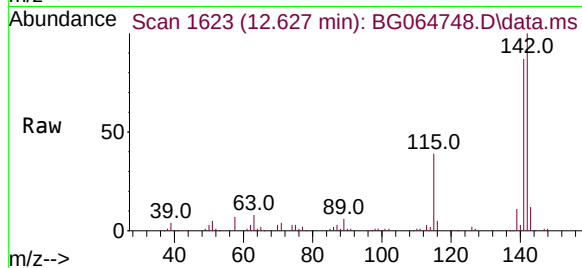
Tgt Ion:107 Resp: 48730
Ion Ratio Lower Upper
107 100
144 24.8 21.7 32.5
142 76.4 60.8 91.2





#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

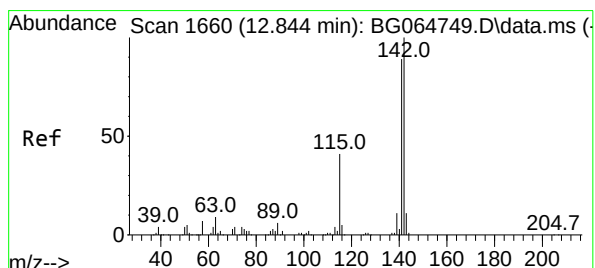
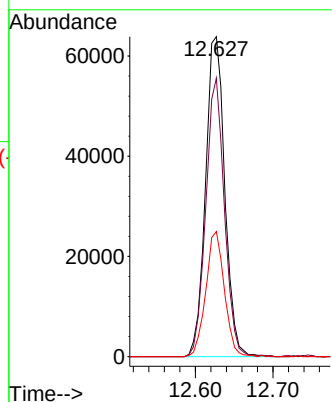
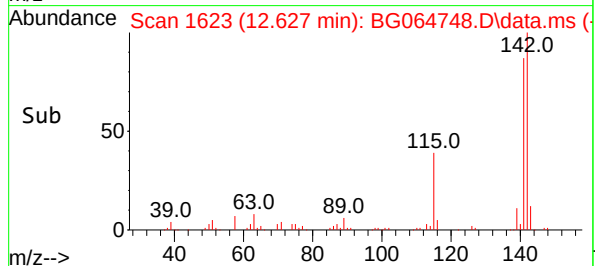
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



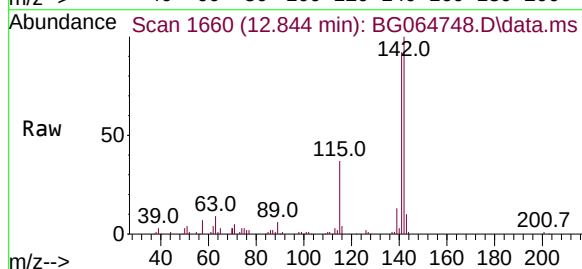
Tgt Ion:142 Resp: 110208
Ion Ratio Lower Upper
142 100
141 87.0 69.1 103.7
115 39.1 32.9 49.3

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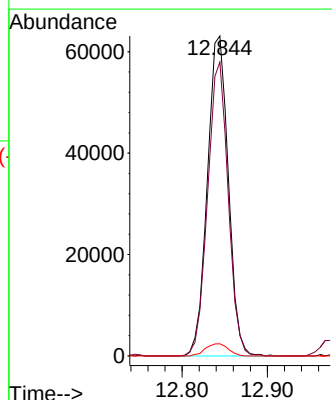
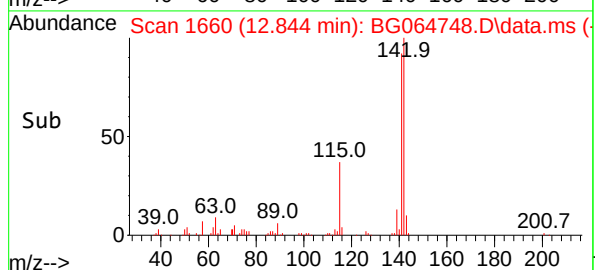
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

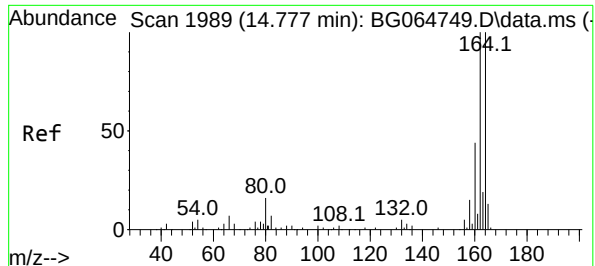


#38
1-Methylnaphthalene
Concen: 20.884 ng
RT: 12.844 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



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

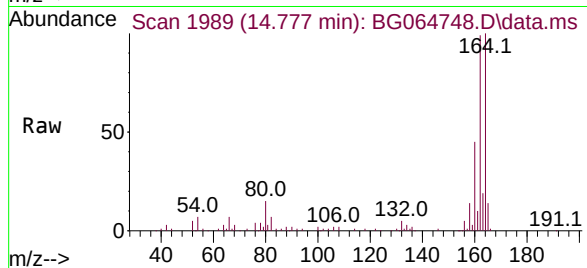
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

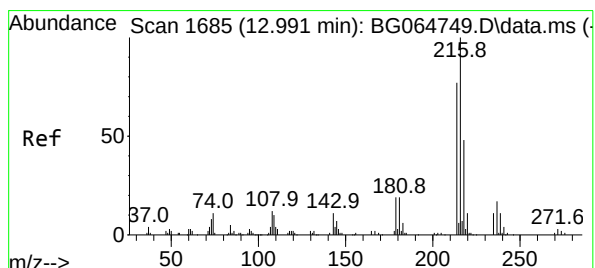
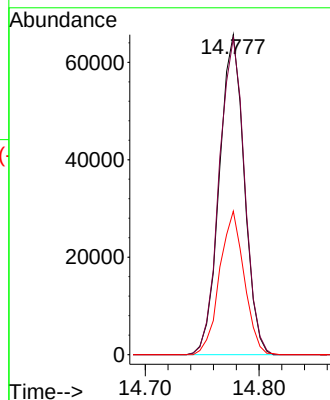
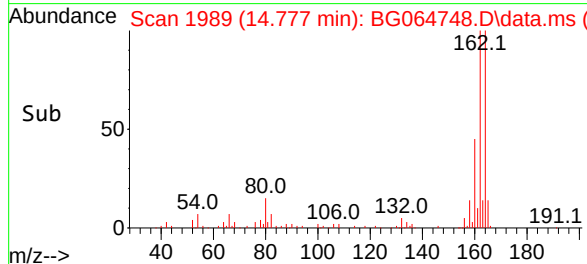


Tgt Ion:	164	Resp:	9958
Ion Ratio	Lower	Upper	
164	100		
162	98.9	79.8	119.6
160	44.8	34.9	52.3

Manual Integrations

APPROVED

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



#40

1,2,4,5-Tetrachlorobenzene

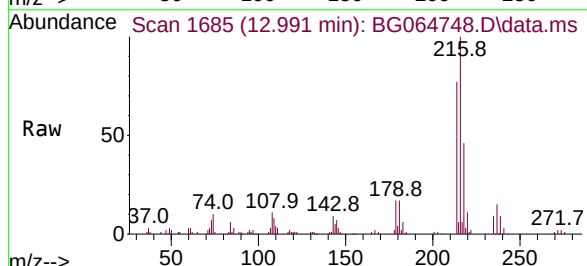
Concen: 20.831 ng

RT: 12.991 min Scan# 1685

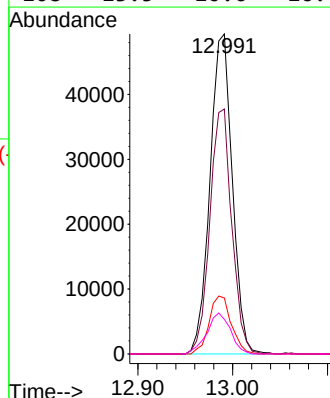
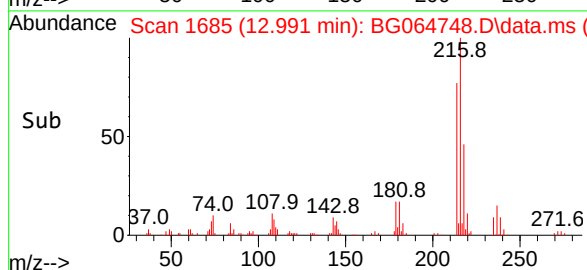
Delta R.T. 0.000 min

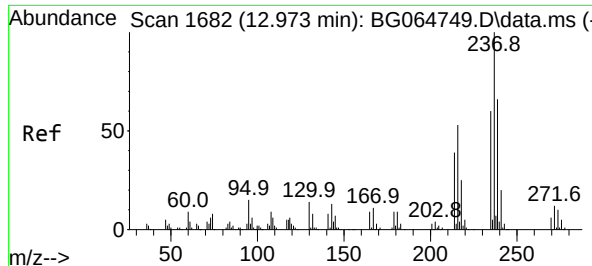
Lab File: BG064748.D

Acq: 12 Nov 2025 13:20



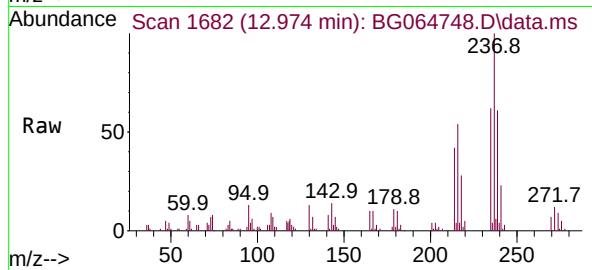
Tgt Ion:	216	Resp:	80735
Ion Ratio	Lower	Upper	
216	100		
214	75.2	60.5	90.7
179	18.0	14.7	22.1
108	13.5	10.6	16.0





#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

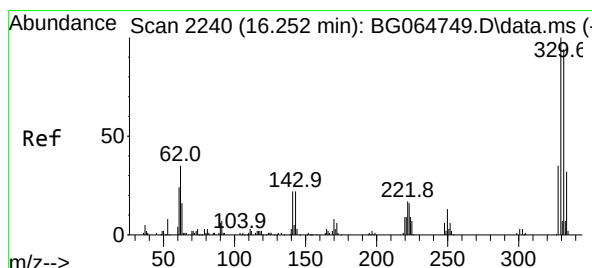
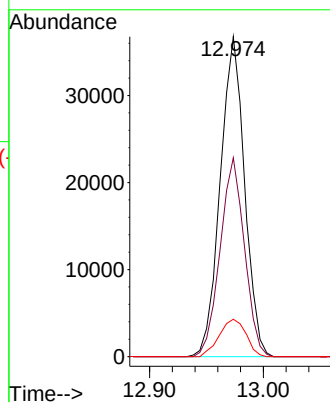
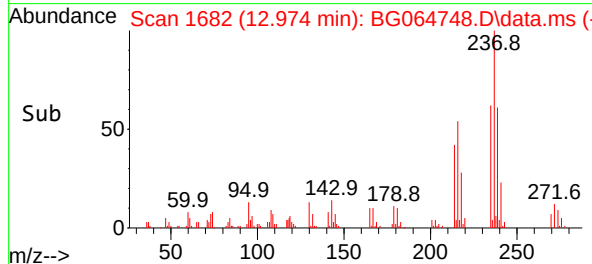
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

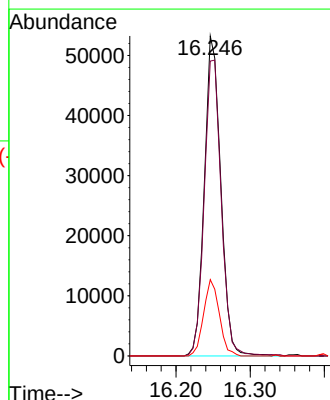
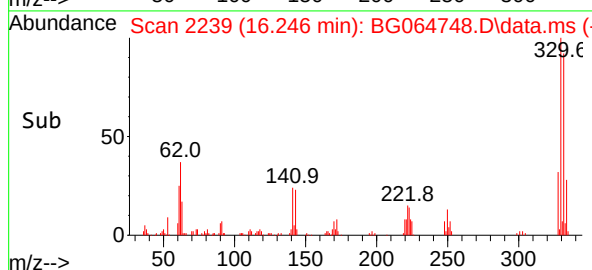
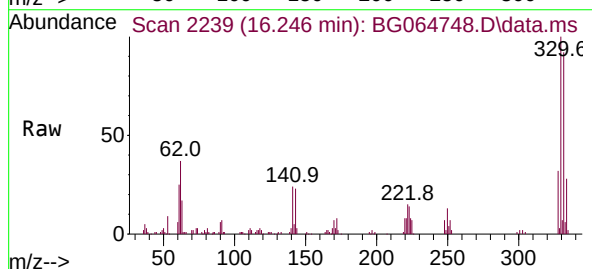
Manual Integrations
APPROVED

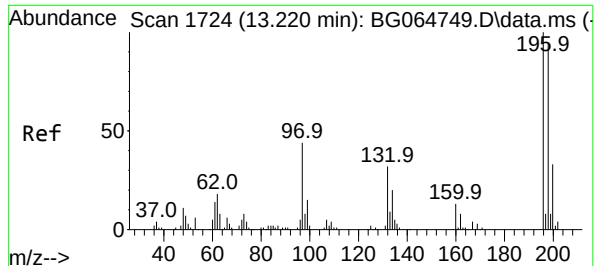
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

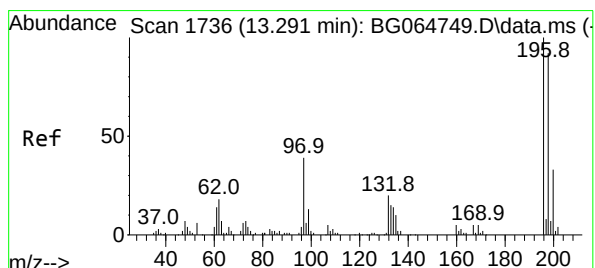
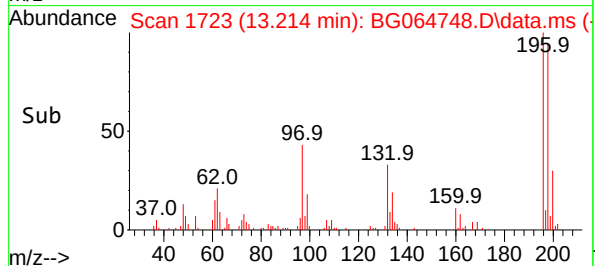
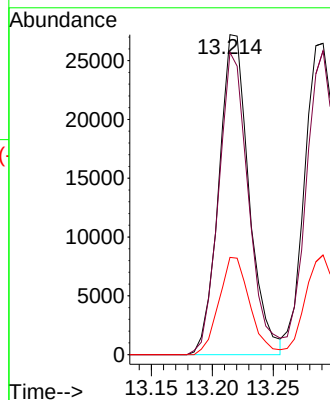
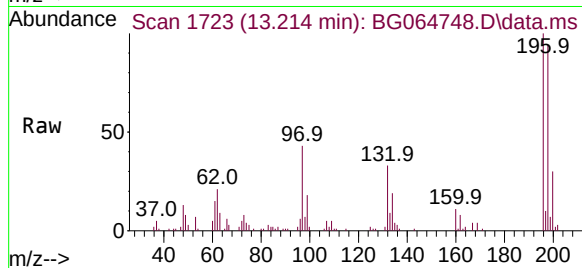
SSTDICC020

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

APPROVED

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



#44

2,4,5-Trichlorophenol

Concen: 21.300 ng

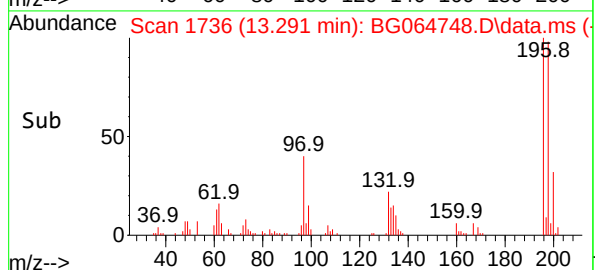
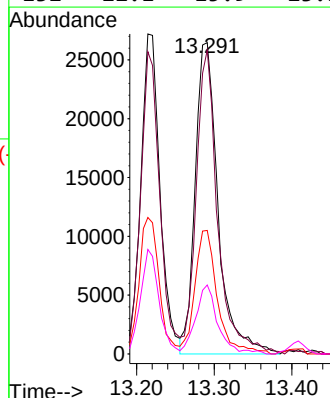
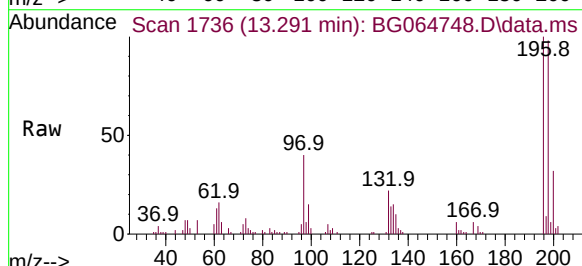
RT: 13.291 min Scan# 1736

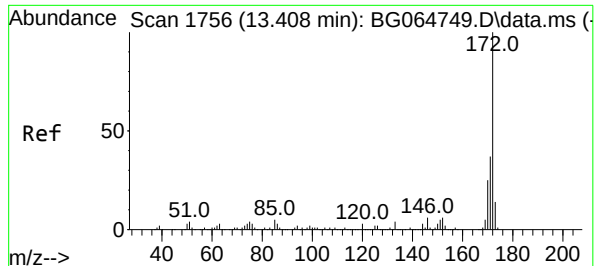
Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

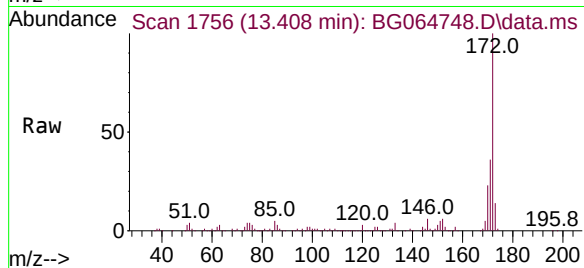
Tgt Ion:	196	Resp:	54340
Ion Ratio	Lower	Upper	
196	100		
198	97.6	73.2	109.8
97	39.6	31.4	47.0
132	22.1	15.9	23.9





#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

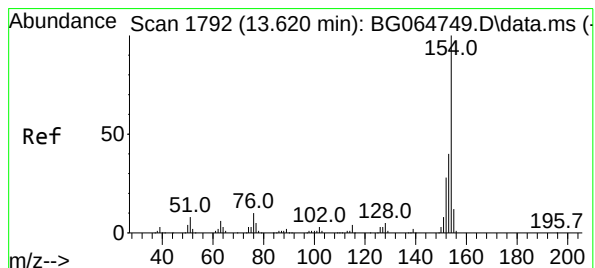
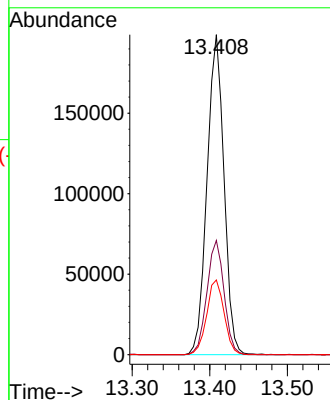
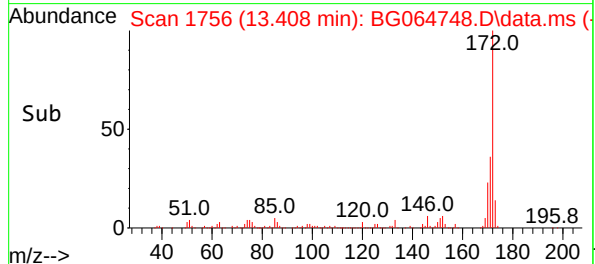
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

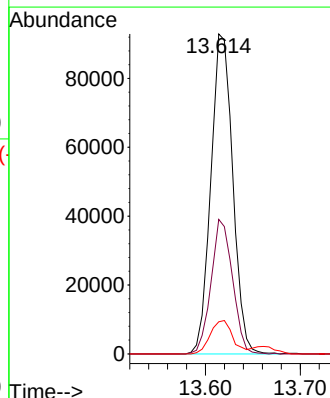
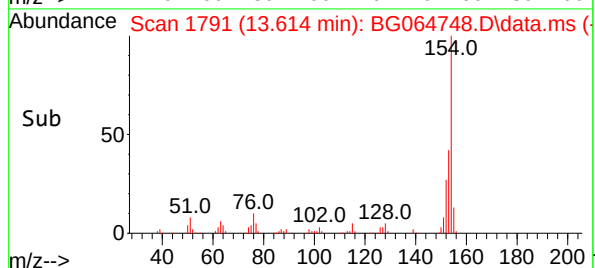
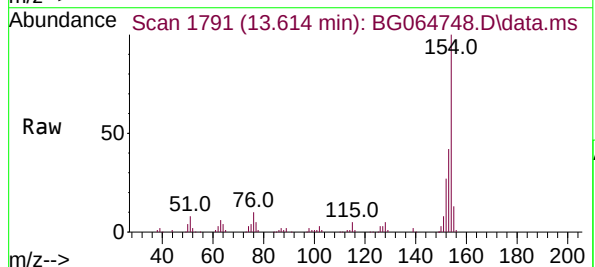
Manual Integrations
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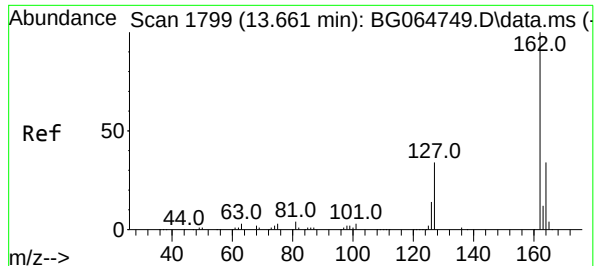
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

SSTDICC020

Tgt Ion:162 Resp: 116198

Ion Ratio Lower Upper

162 100

127 41.1 30.3 45.5

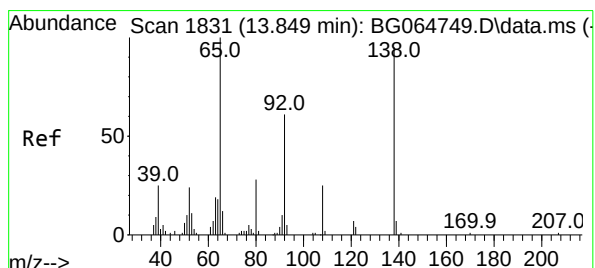
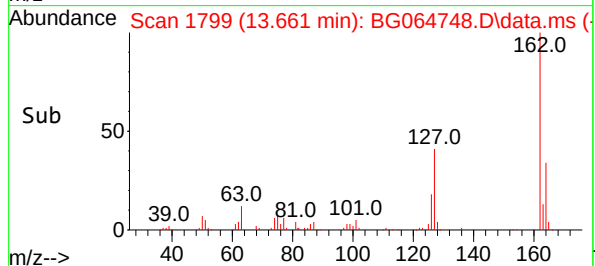
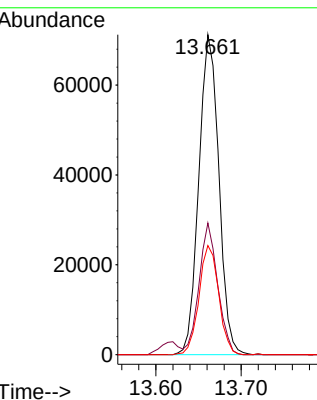
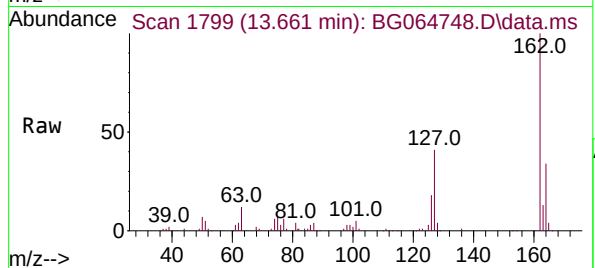
164 34.1 26.8 40.2

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

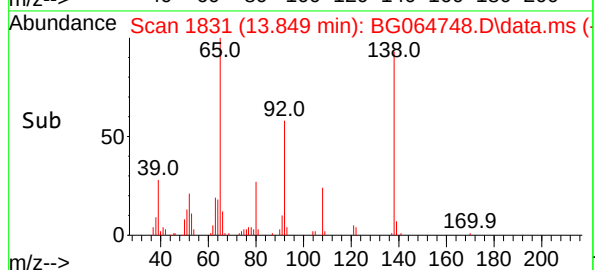
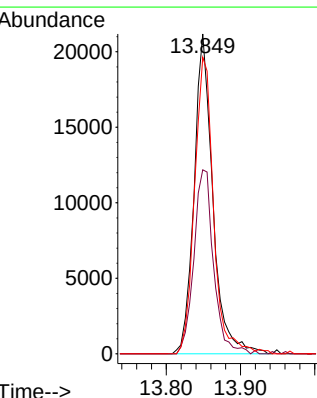
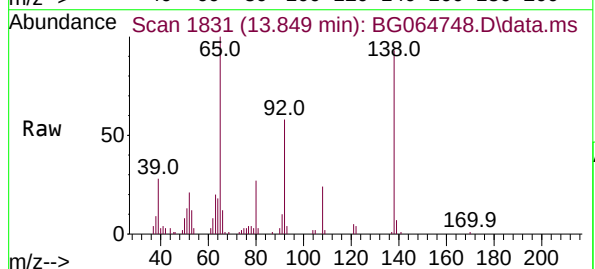
Tgt Ion: 65 Resp: 37146

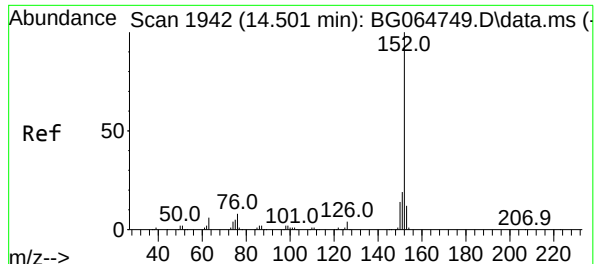
Ion Ratio Lower Upper

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

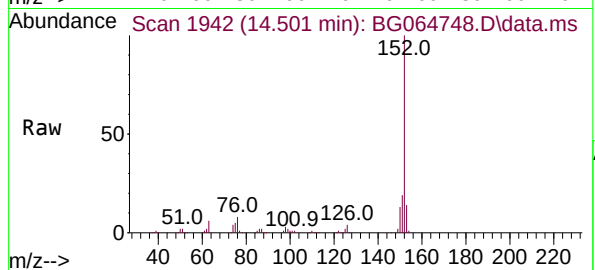
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 198809

Ion Ratio Lower Upper

152 100

151 19.3 15.0 22.4

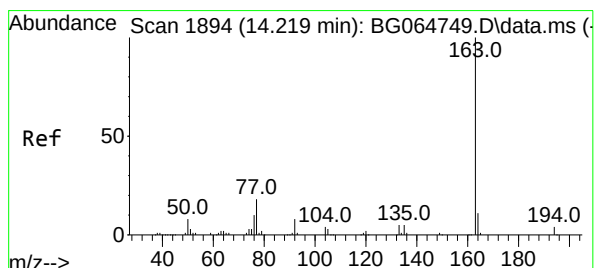
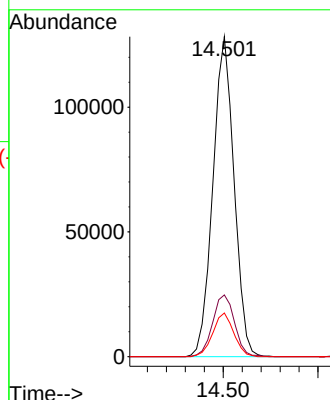
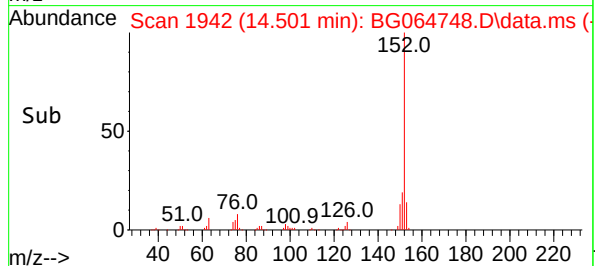
153 13.6 9.9 14.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

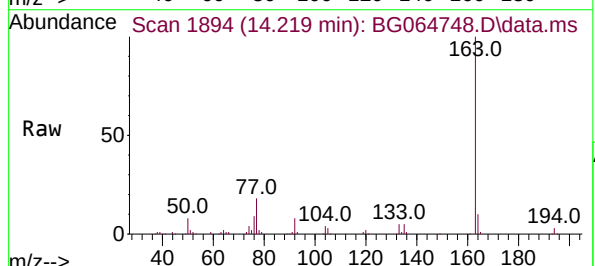
Concen: 20.940 ng

RT: 14.219 min Scan# 1894

Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20



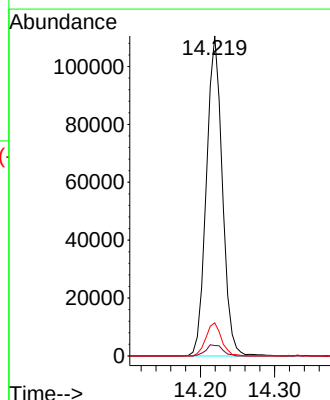
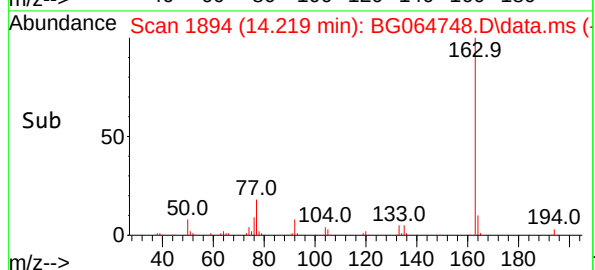
Tgt Ion:163 Resp: 164729

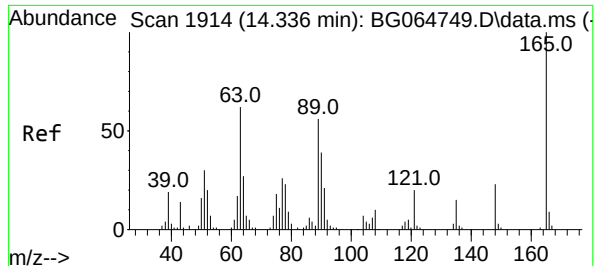
Ion Ratio Lower Upper

163 100

194 3.2 3.1 4.7

164 10.3 8.6 12.8





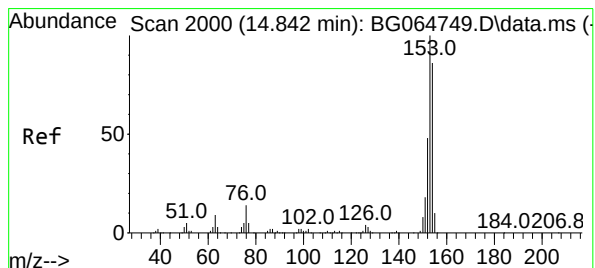
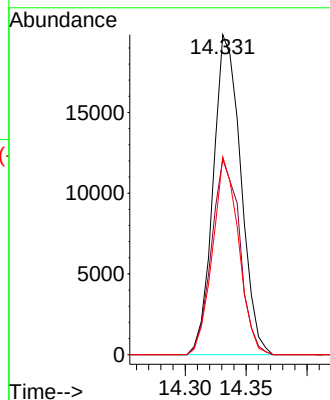
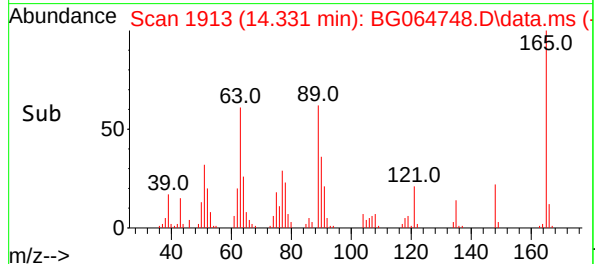
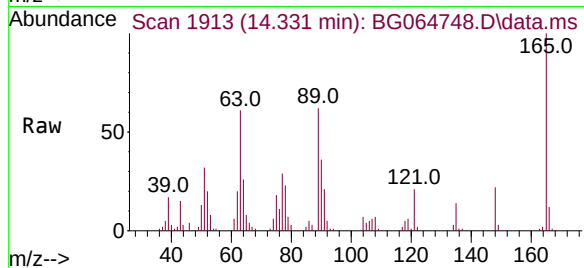
#51
2,6-Dinitrotoluene
Concen: 20.573 ng
RT: 14.331 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

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

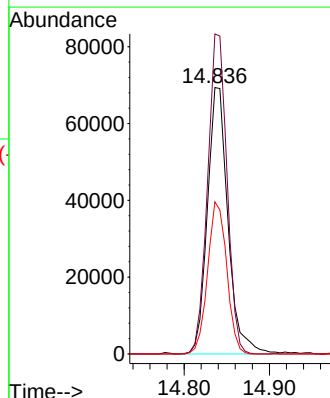
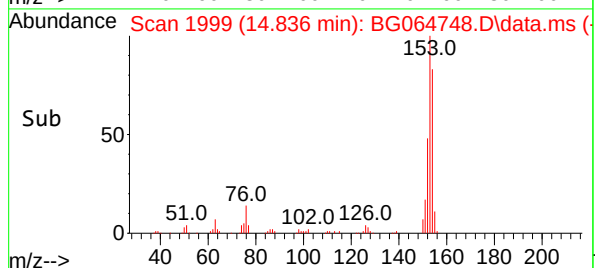
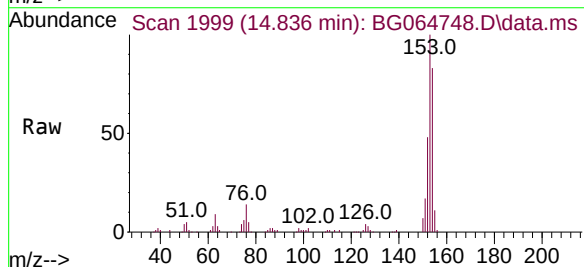
Manual Integrations
APPROVED

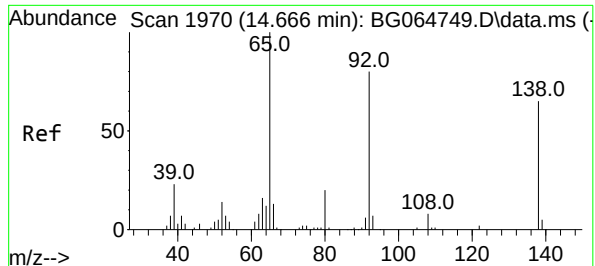
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

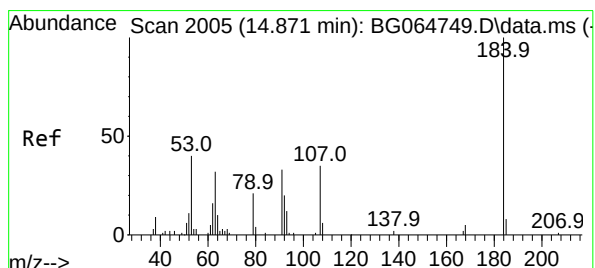
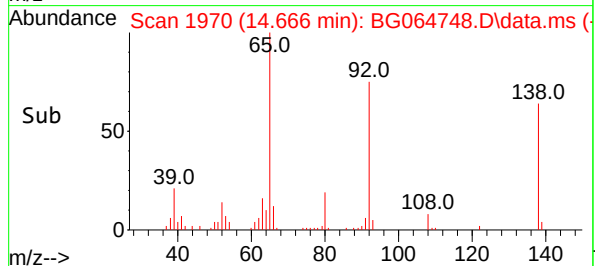
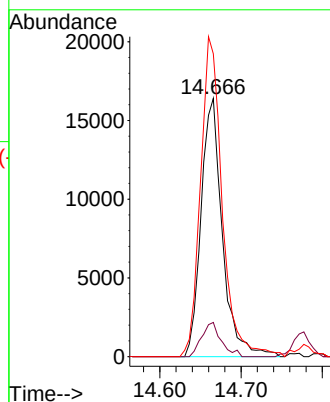
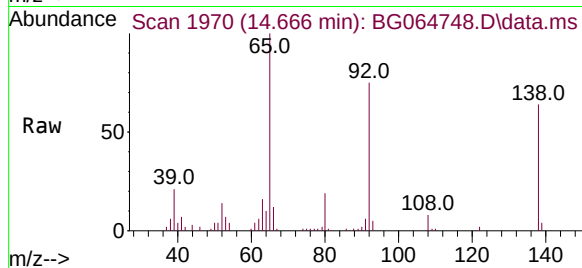
SSTDICC020

Tgt Ion:	138	Resp:	2994
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

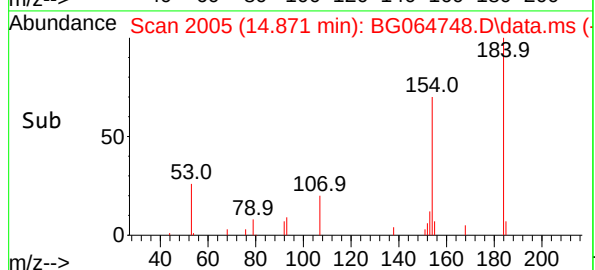
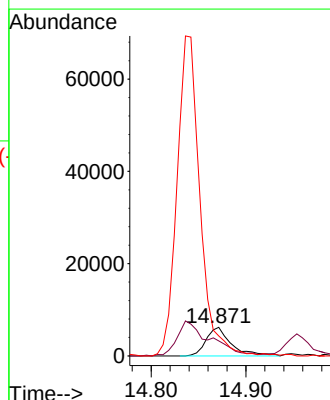
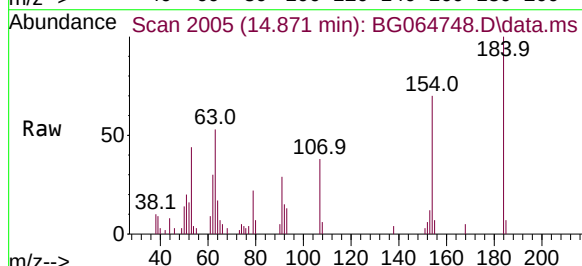
RT: 14.871 min Scan# 2005

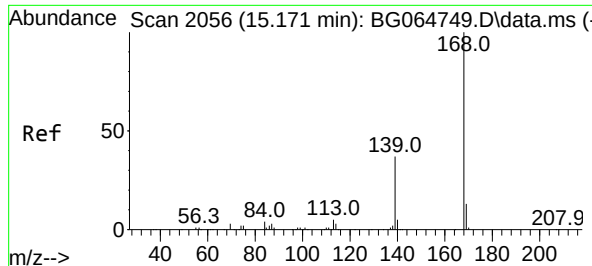
Delta R.T. 0.000 min

Lab File: BG064748.D

Acq: 12 Nov 2025 13:20

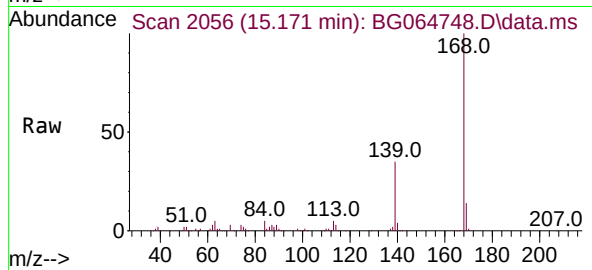
Tgt Ion:	184	Resp:	11387
Ion Ratio	Lower	Upper	
184	100		
63	52.6	45.8	68.6
154	69.9	52.6	78.8





#55
Dibenzenofuran
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

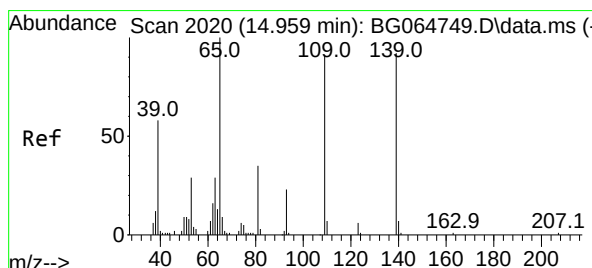
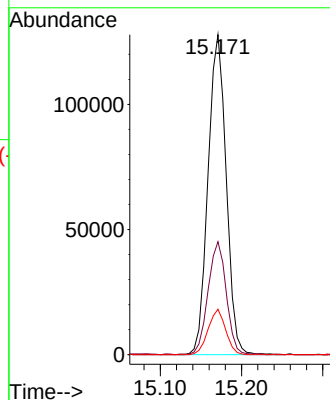
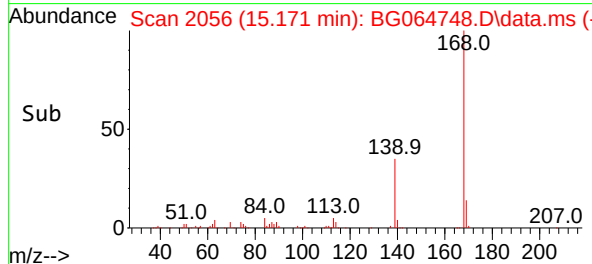
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



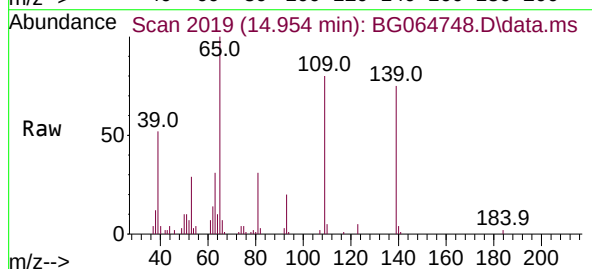
Tgt Ion:168 Resp: 198574
Ion Ratio Lower Upper
168 100
139 35.3 29.5 44.3
169 14.2 10.4 15.6

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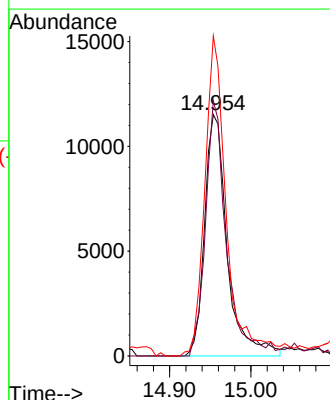
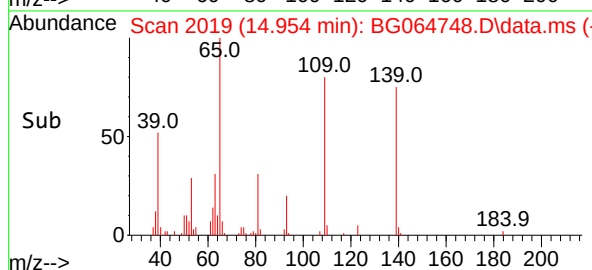
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

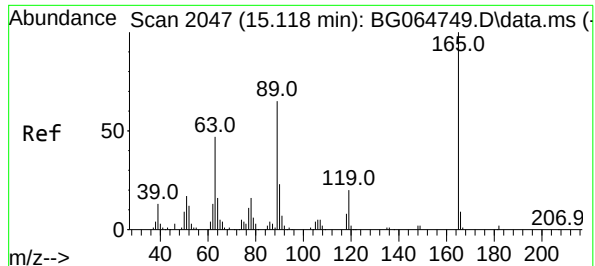


#56
4-Nitrophenol
Concen: 18.849 ng
RT: 14.954 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



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#





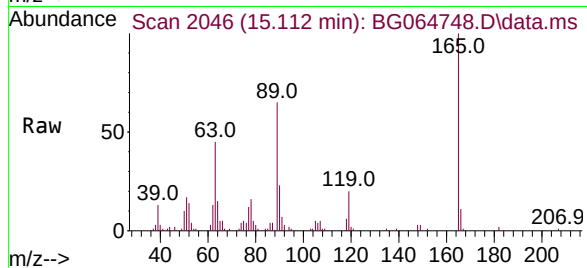
#57
2,4-Dinitrotoluene
Concen: 20.931 ng
RT: 15.112 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

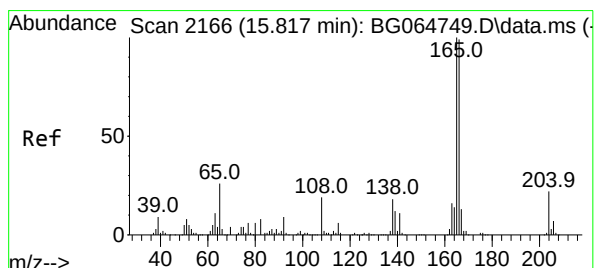
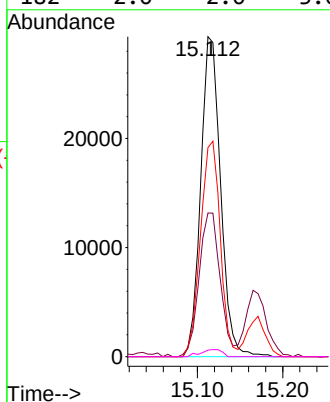
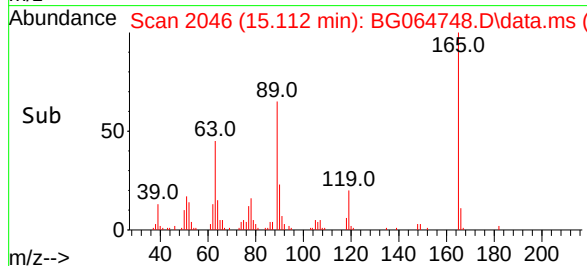


Tgt Ion:165 Resp: 47500
Ion Ratio Lower Upper
165 100
63 44.9 37.8 56.6
89 65.3 51.6 77.4
182 2.0 2.0 3.0

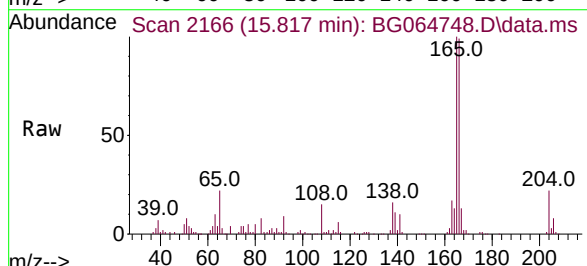
Manual Integrations

APPROVED

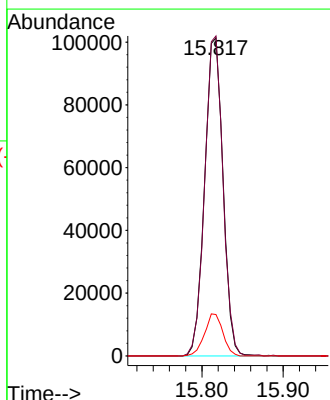
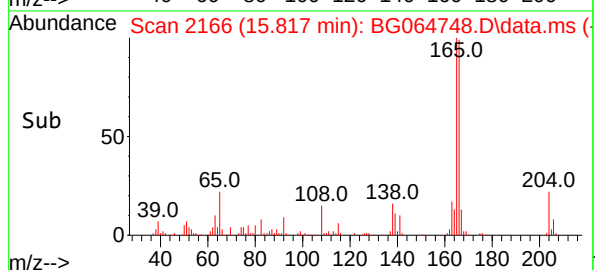
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

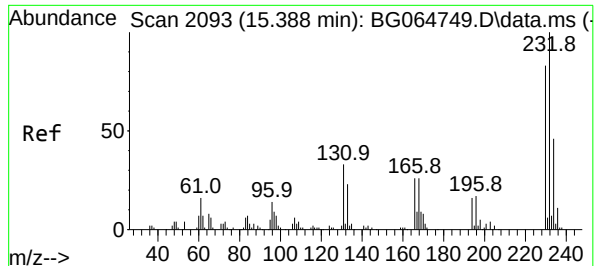


#58
Fluorene
Concen: 21.222 ng
RT: 15.817 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



Tgt Ion:166 Resp: 158837
Ion Ratio Lower Upper
166 100
165 100.6 80.5 120.7
167 13.0 10.3 15.5





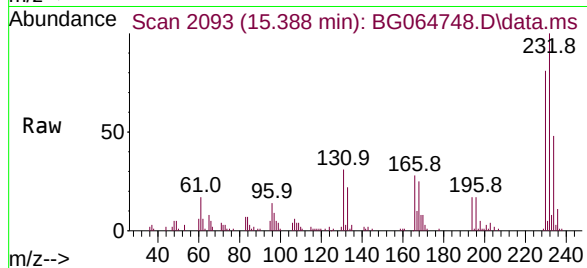
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.601 ng
RT: 15.388 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

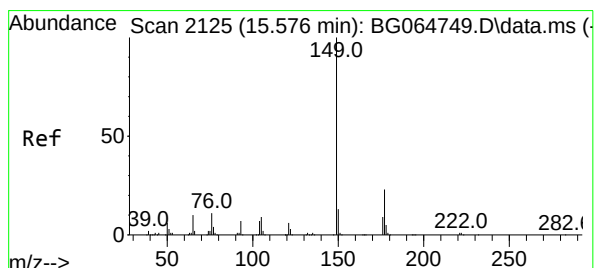
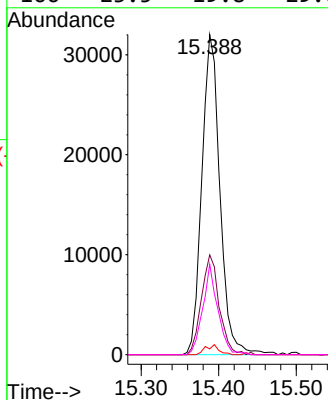
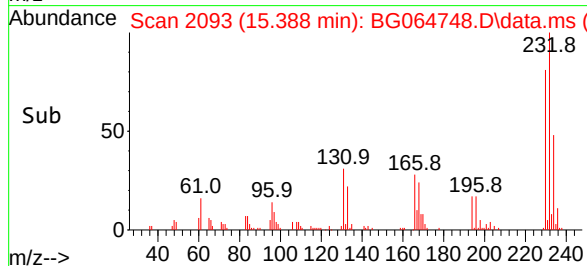


Tgt Ion:232 Resp: 5185
Ion Ratio Lower Upper
232 100
131 30.6 26.0 39.0
130 2.3 1.6 2.4
166 23.5 19.8 29.6

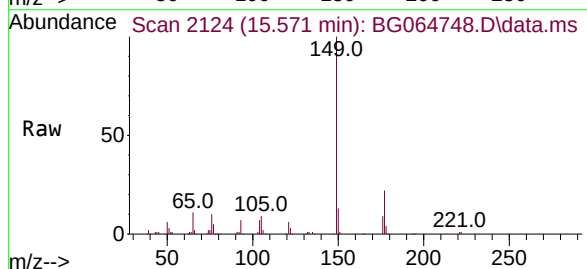
Manual Integrations

APPROVED

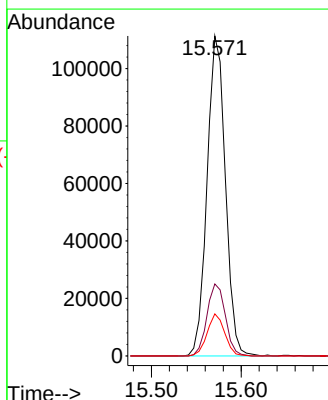
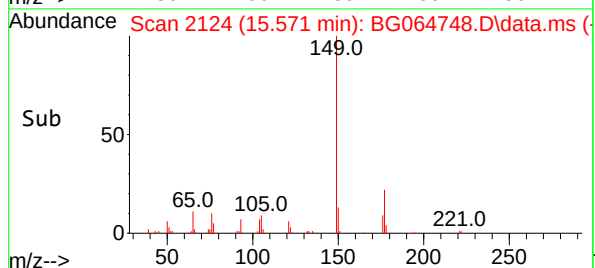
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

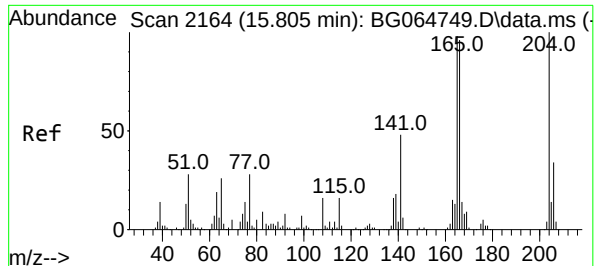


#60
Diethylphthalate
Concen: 20.942 ng
RT: 15.571 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



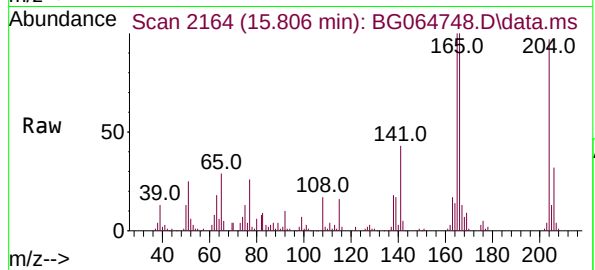
Tgt Ion:149 Resp: 157815
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 13.1 10.1 15.1





#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

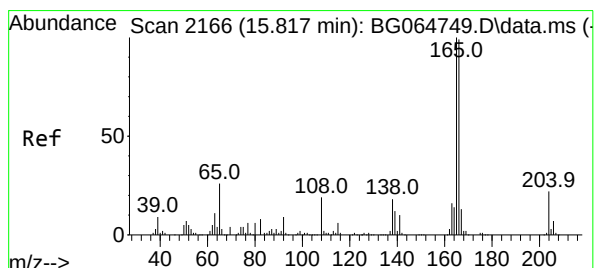
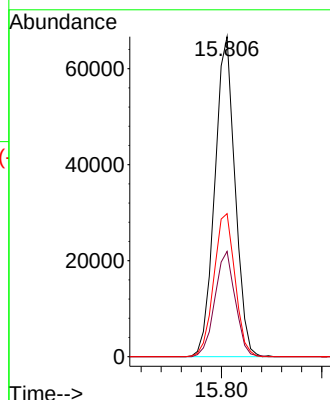
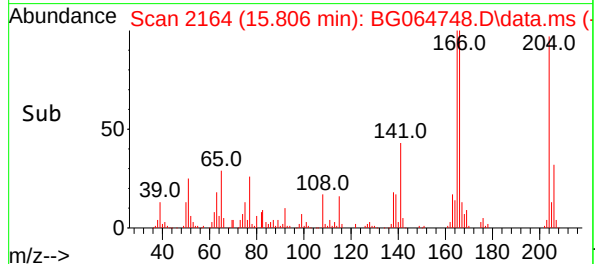
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



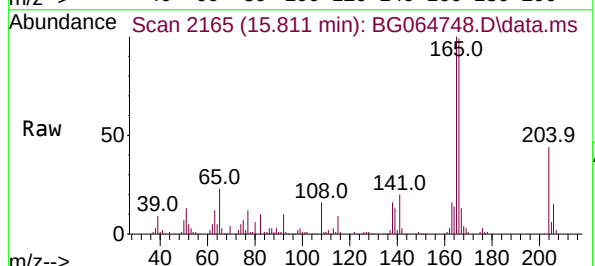
Tgt Ion:204 Resp: 93601
Ion Ratio Lower Upper
204 100
206 32.9 26.9 40.3
141 44.7 38.1 57.1

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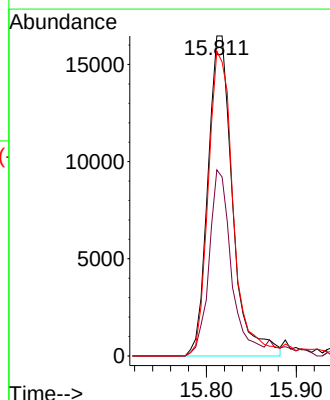
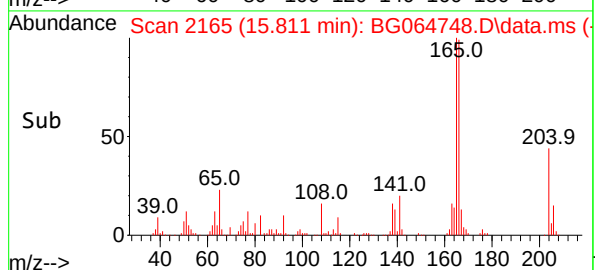
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

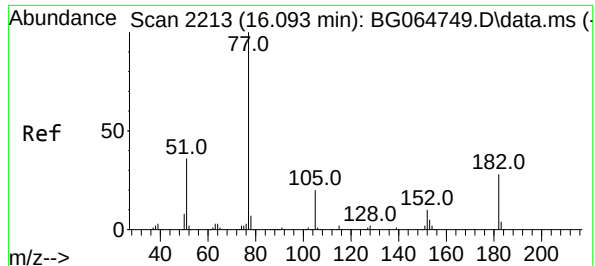


#62
4-Nitroaniline
Concen: 20.442 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



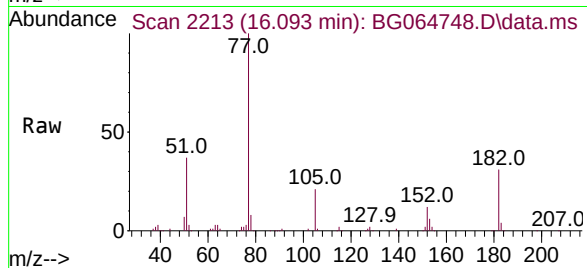
Tgt Ion:138 Resp: 31639
Ion Ratio Lower Upper
138 100
92 58.1 30.7 70.7
108 95.2 85.7 125.7





#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

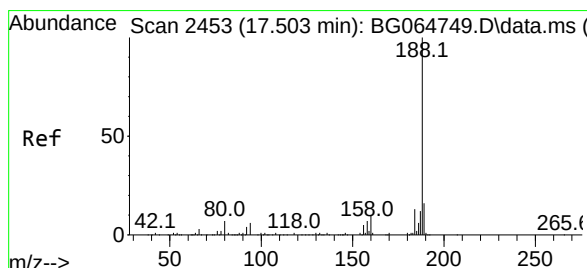
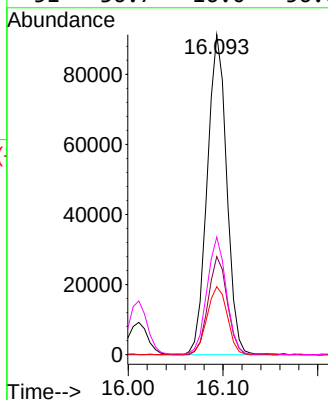
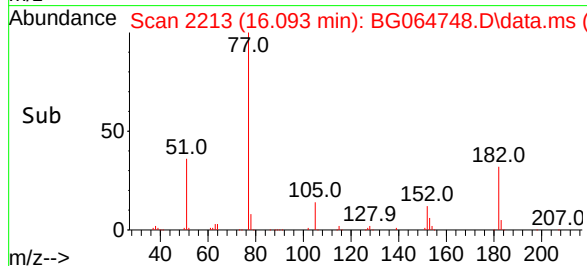
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



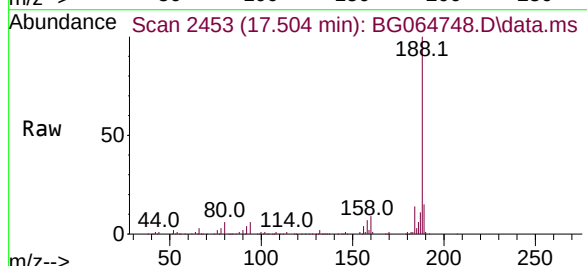
Tgt Ion: 77 Resp: 130344
Ion Ratio Lower Upper
77 100
182 30.6 8.1 48.1
105 21.2 0.1 40.1
51 36.7 16.0 56.0

Manual Integrations
APPROVED

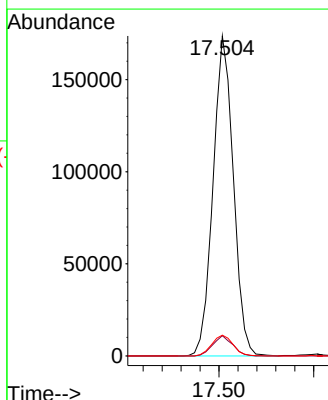
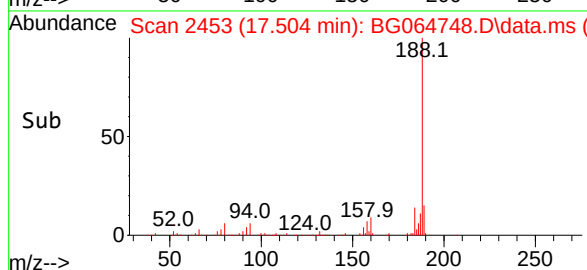
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

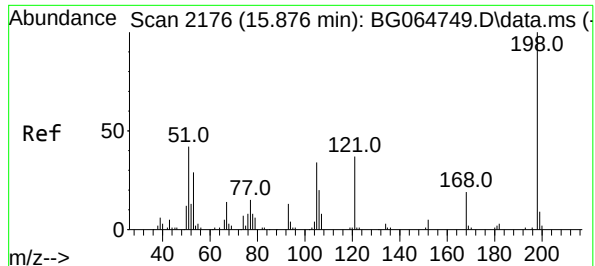


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



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 :

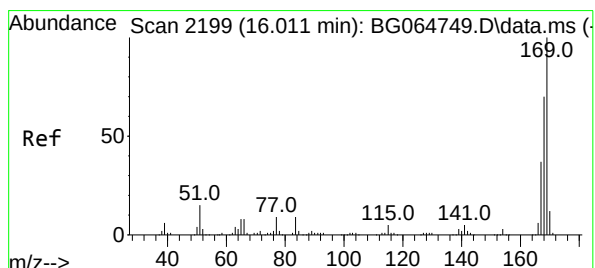
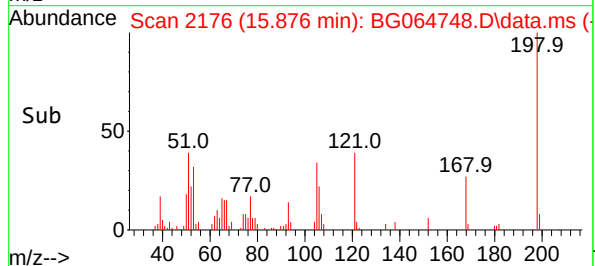
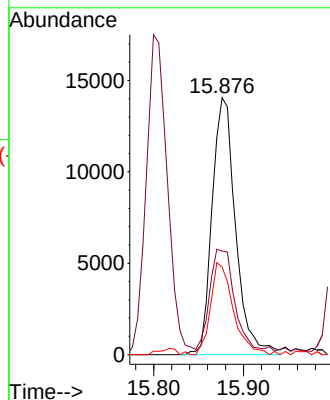
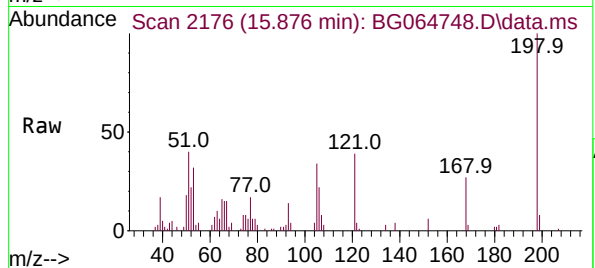
SSTDICC020

Tgt Ion:198 Resp: 25607
Ion Ratio Lower Upper
198 100
51 40.4 25.2 65.2
105 34.1 14.2 54.2

Manual Integrations

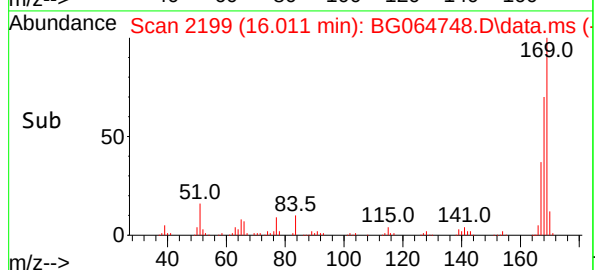
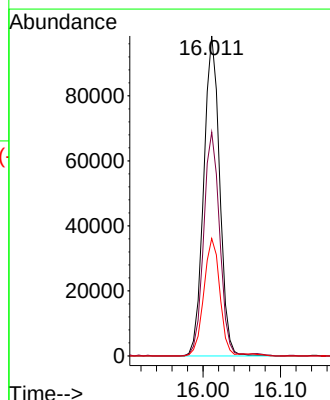
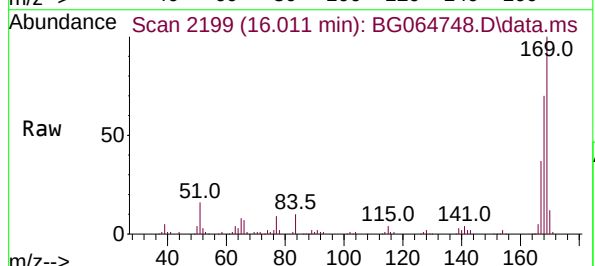
APPROVED

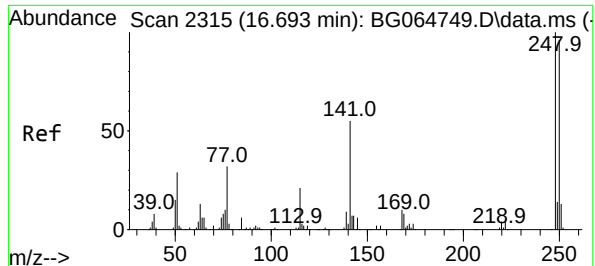
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 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





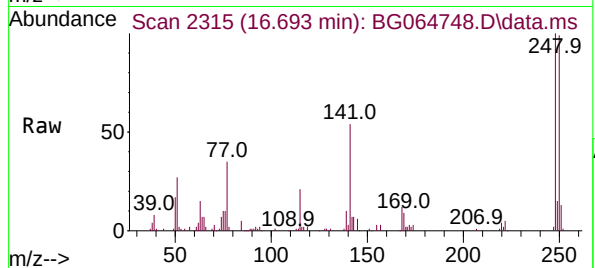
#67
4-Bromophenyl-phenylether
Concen: 20.520 ng
RT: 16.693 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

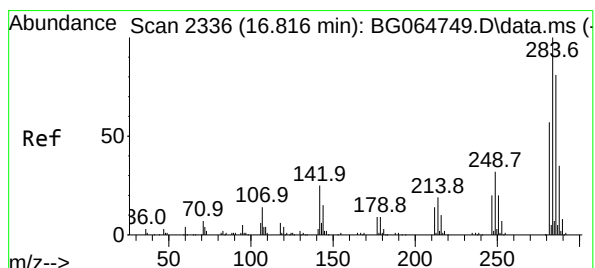
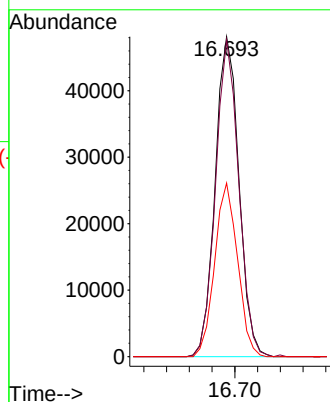
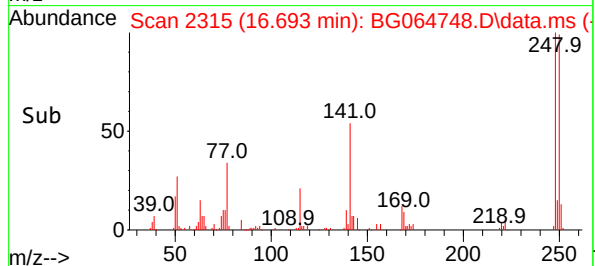


Tgt Ion:248 Resp: 69609
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.6
141 54.2 43.7 65.5

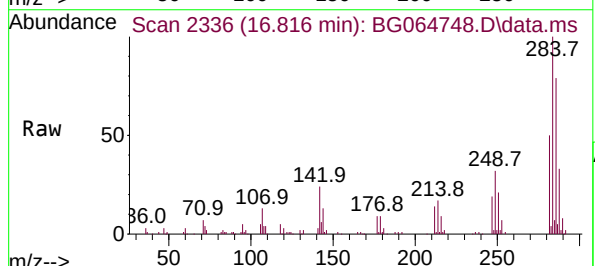
Manual Integrations

APPROVED

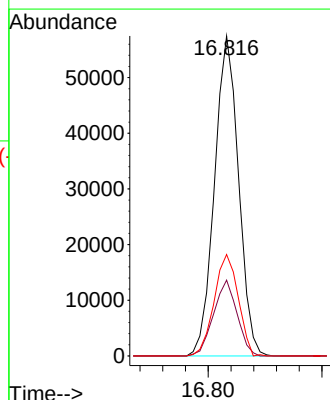
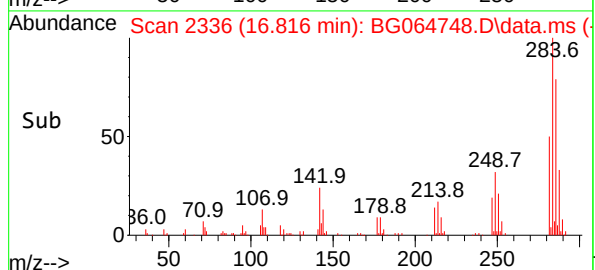
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

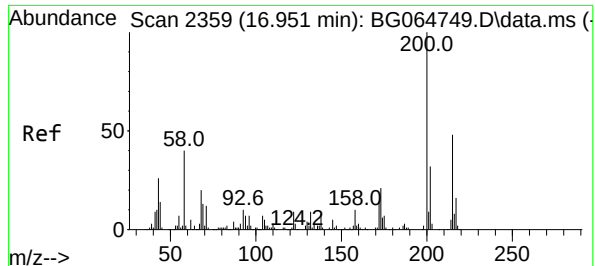


#68
Hexachlorobenzene
Concen: 20.485 ng
RT: 16.816 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



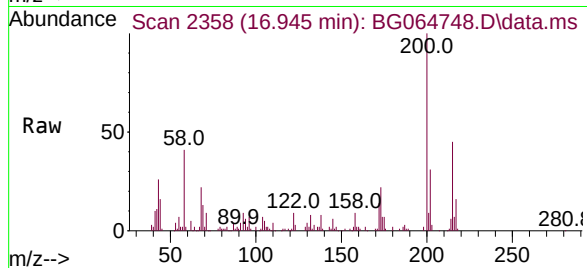
Tgt Ion:284 Resp: 84192
Ion Ratio Lower Upper
284 100
142 23.7 19.7 29.5
249 33.8 28.1 42.1





#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

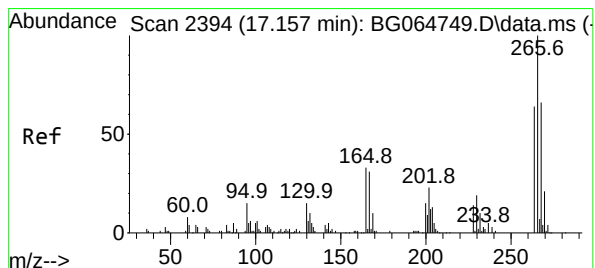
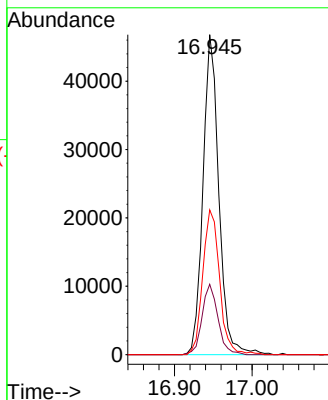
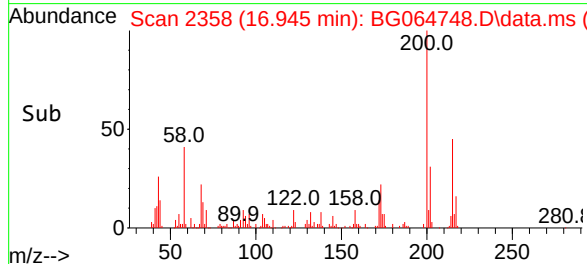
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

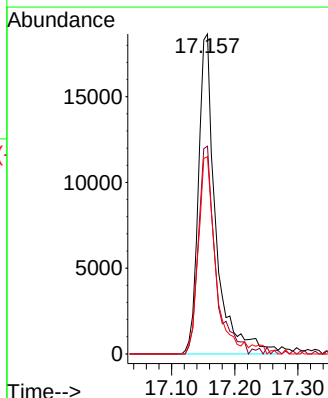
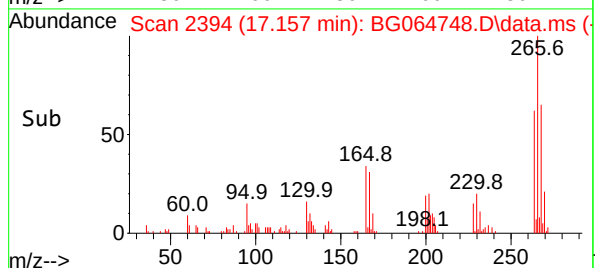
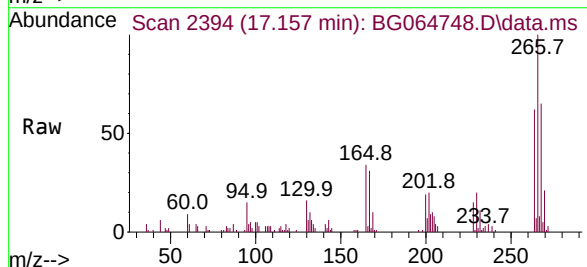
Manual Integrations
APPROVED

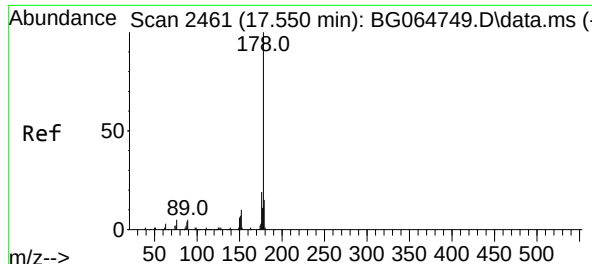
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

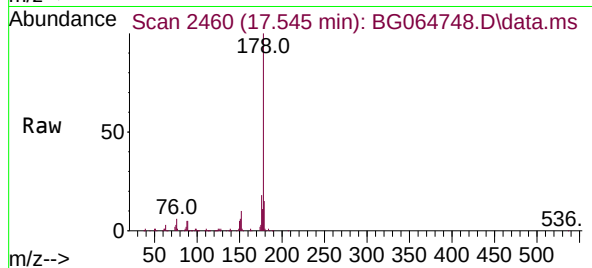
Tgt Ion:266 Resp: 35678
Ion Ratio Lower Upper
266 100
268 70.1 56.1 84.1
264 61.6 51.2 76.8





#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

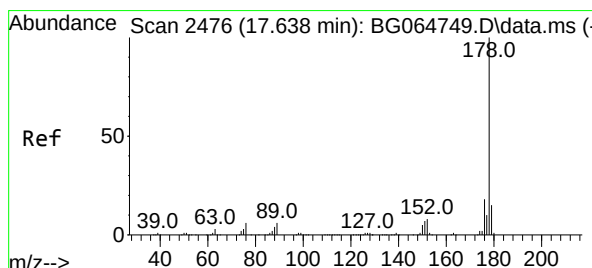
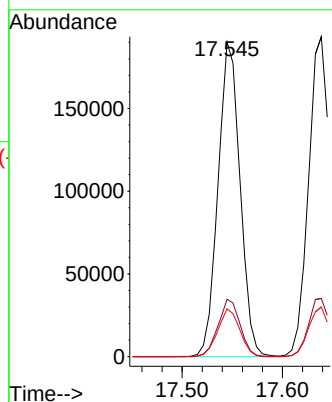
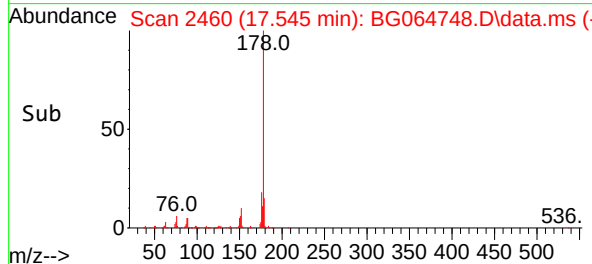
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

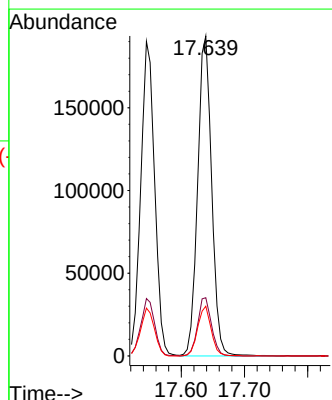
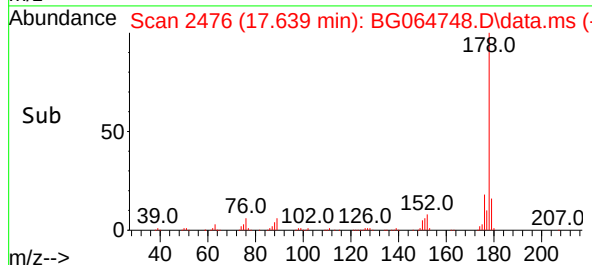
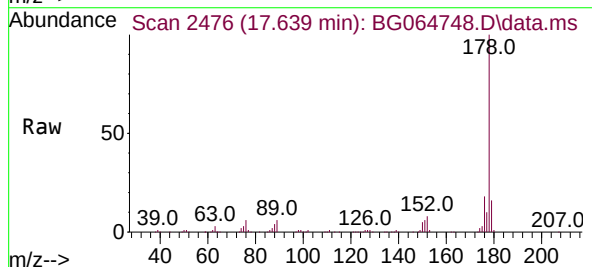
Manual Integrations
APPROVED

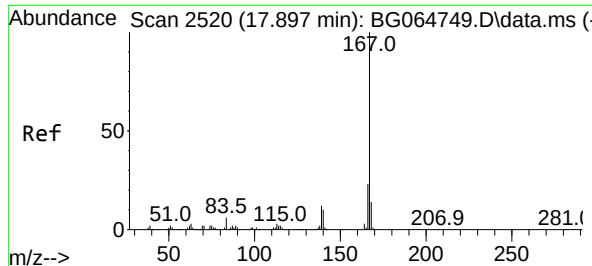
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

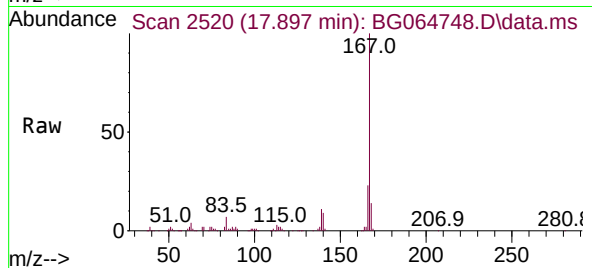
Tgt Ion:178 Resp: 297476
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.5 12.2 18.4





#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

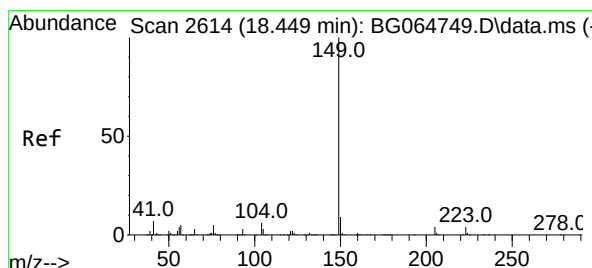
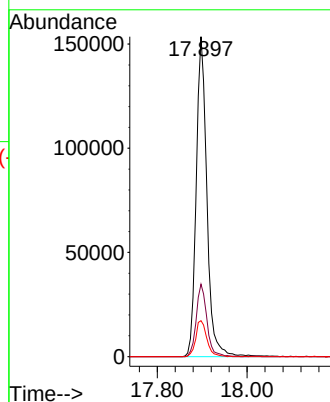
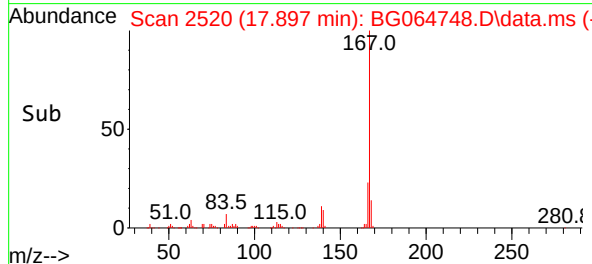
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

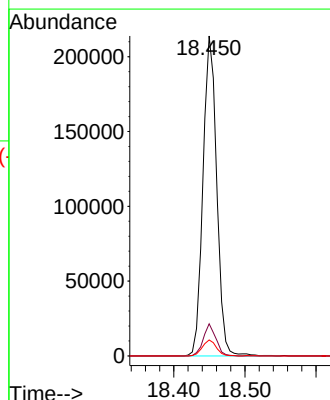
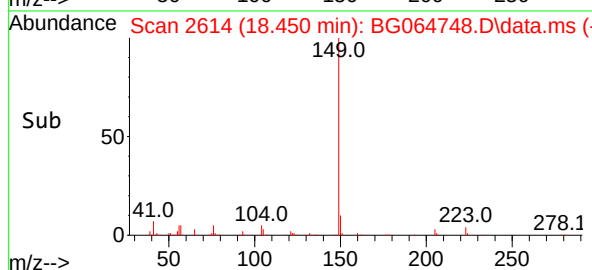
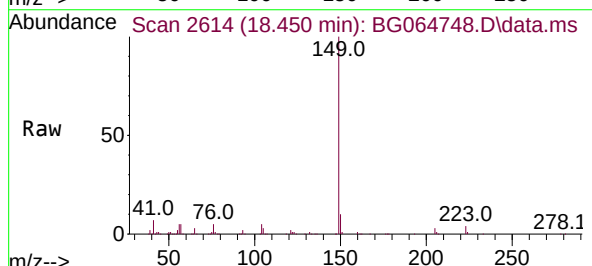
Manual Integrations
APPROVED

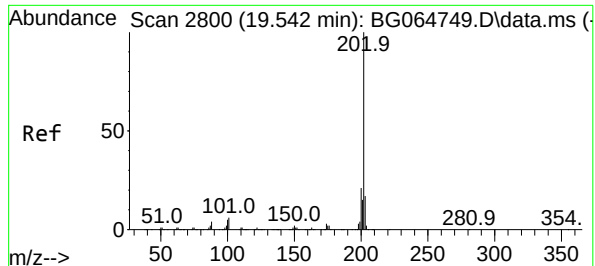
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

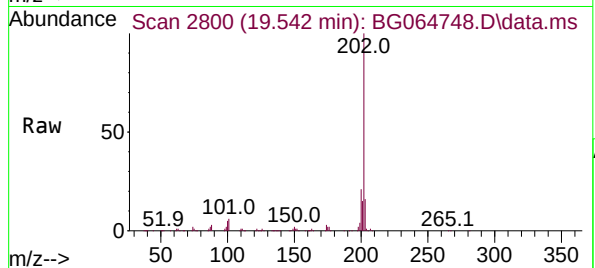
Tgt Ion:149 Resp: 285465
Ion Ratio Lower Upper
149 100
150 10.0 7.5 11.3
104 5.0 4.4 6.6





#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

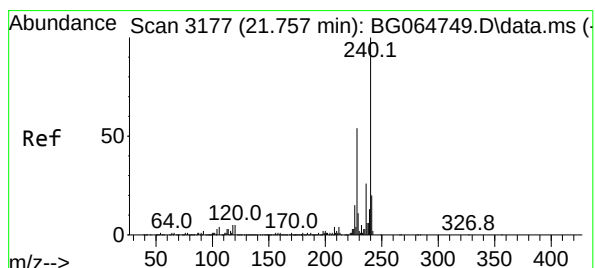
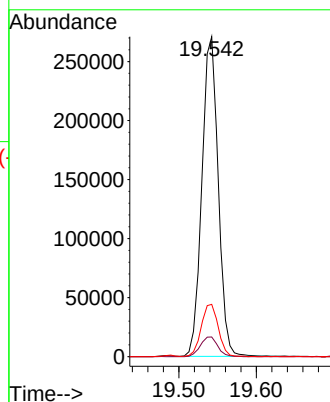
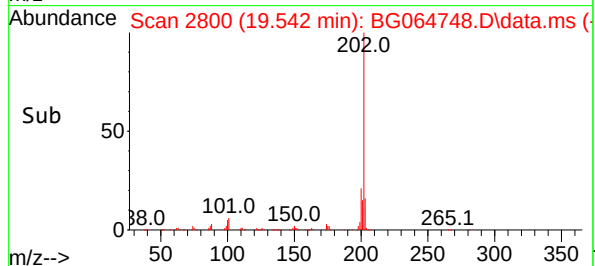
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 395447
Ion Ratio Lower Upper
202 100
101 6.1 0.0 26.4
203 16.3 0.0 37.5

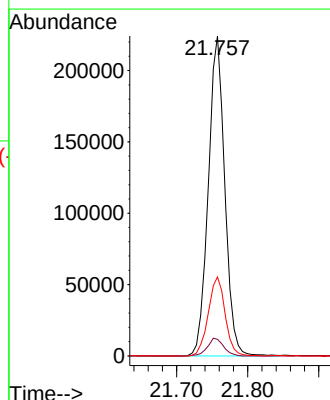
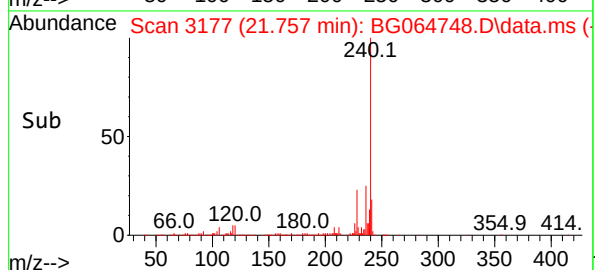
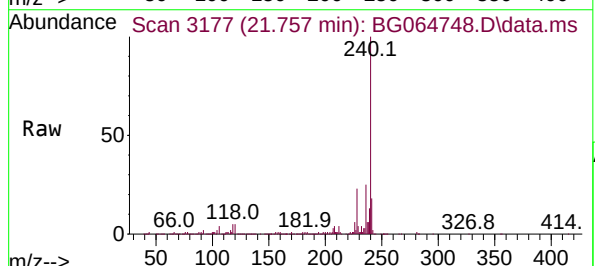
Manual Integrations
APPROVED

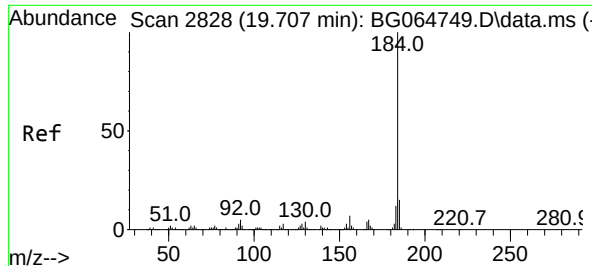
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

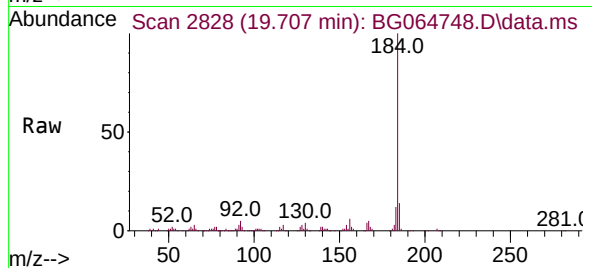
Tgt Ion:240 Resp: 361266
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.4
236 24.7 20.8 31.2





#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

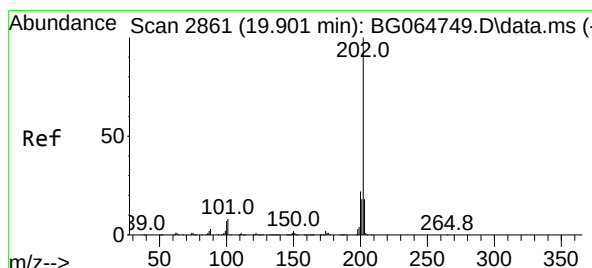
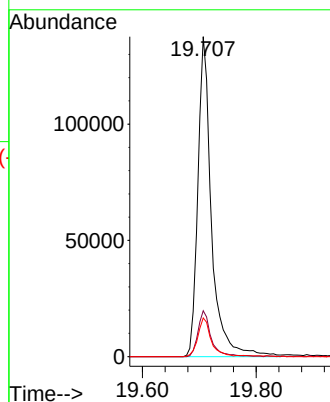
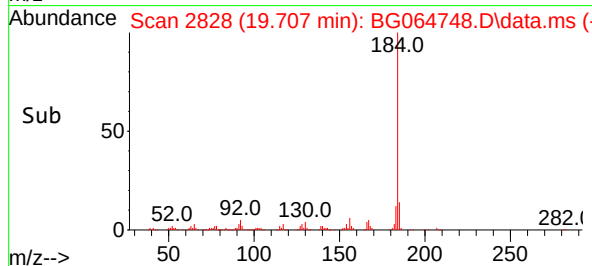
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

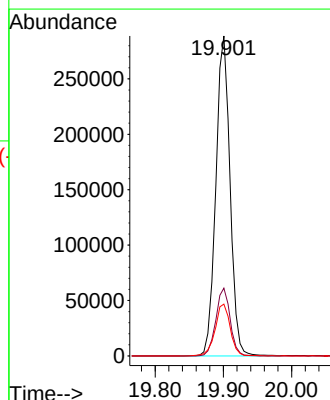
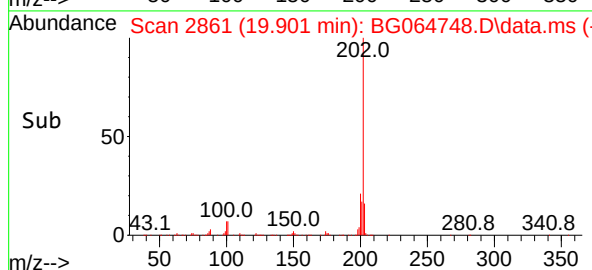
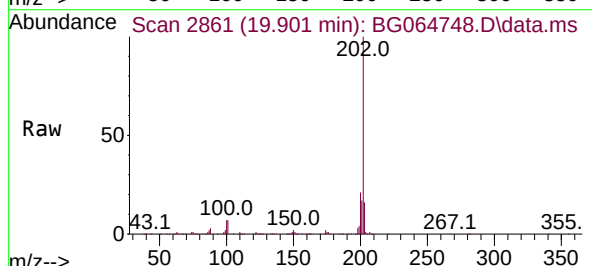
Manual Integrations
APPROVED

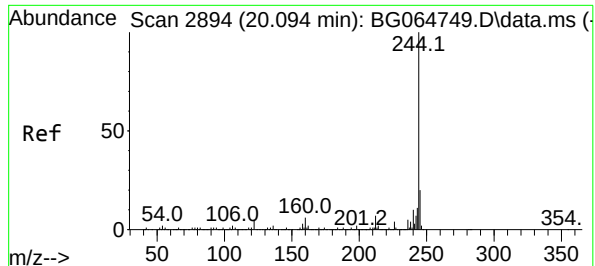
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

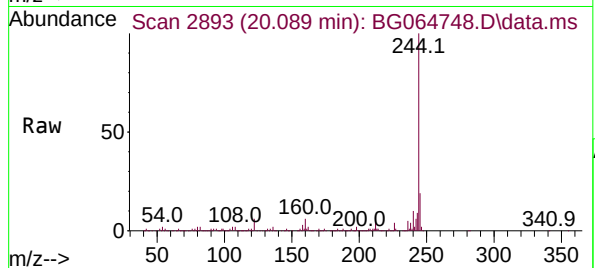
Tgt Ion:202 Resp: 413710
Ion Ratio Lower Upper
202 100
200 21.2 17.9 26.9
203 16.2 14.0 21.0





#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

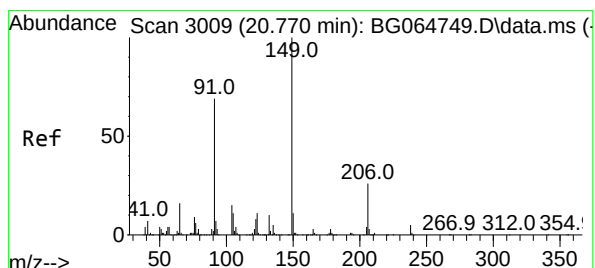
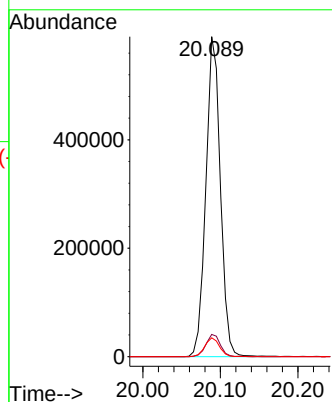
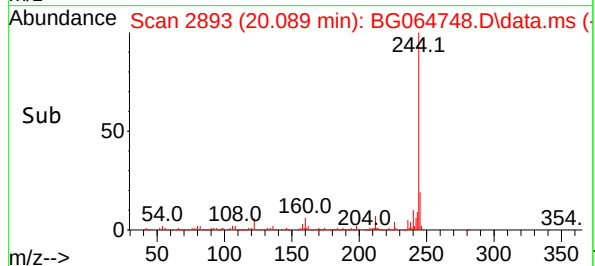
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



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

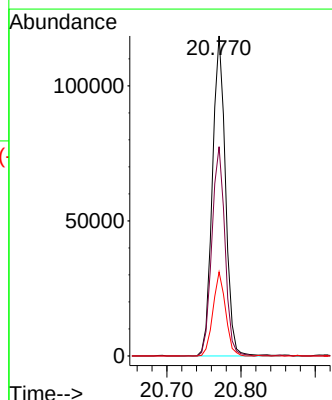
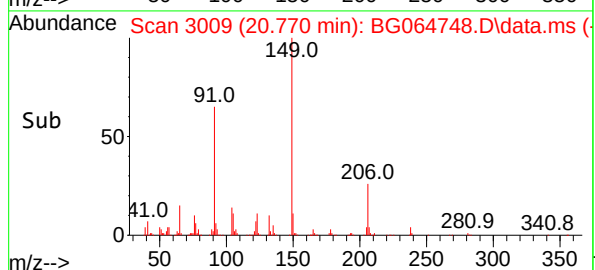
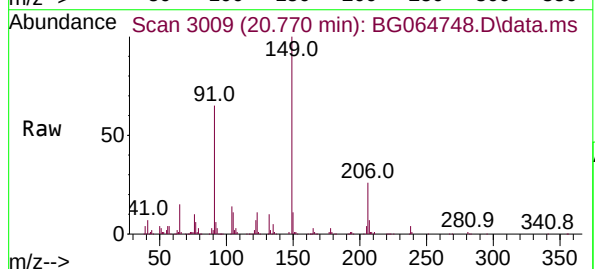
Manual Integrations
APPROVED

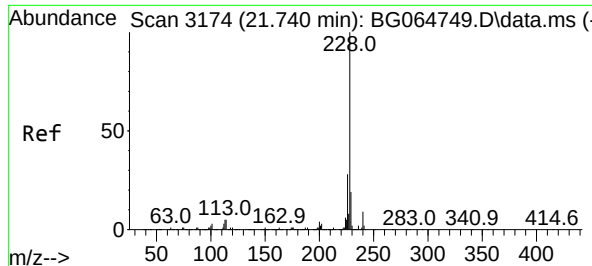
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





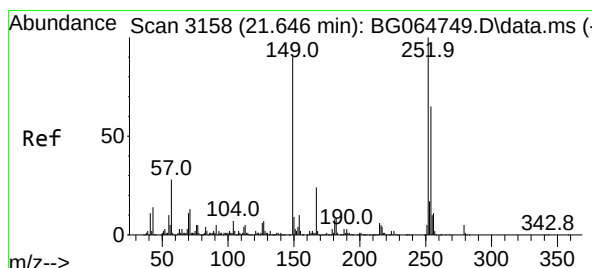
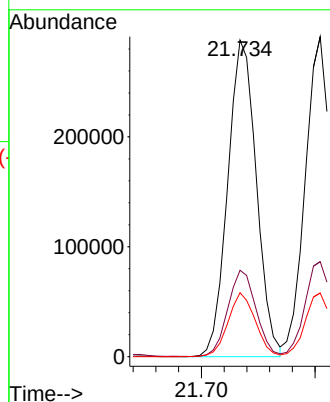
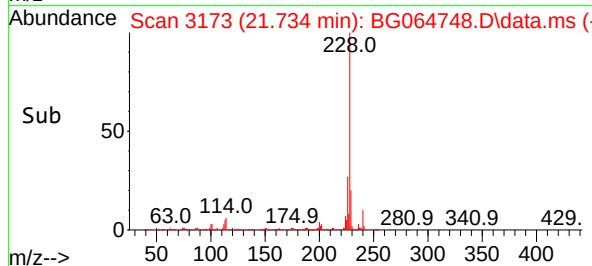
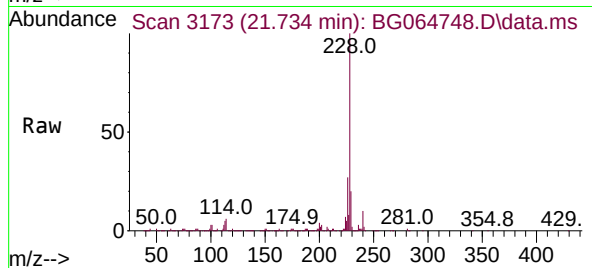
#81
Benzo(a)anthracene
Concen: 20.512 ng
RT: 21.734 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

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

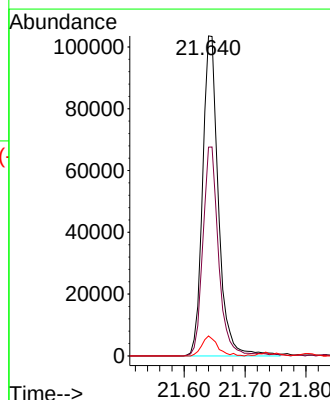
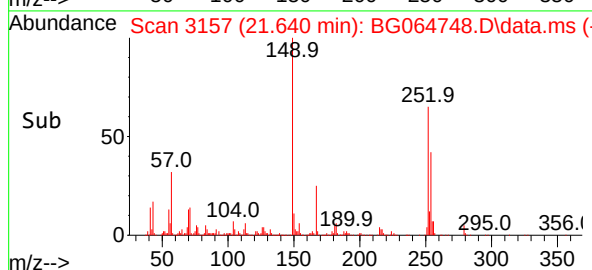
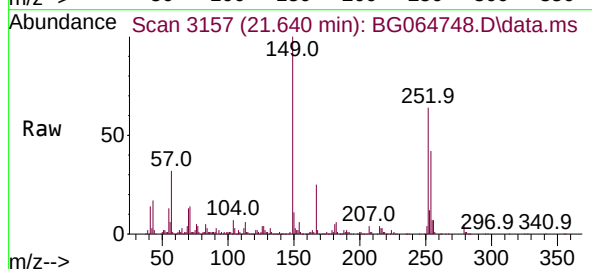
Manual Integrations
APPROVED

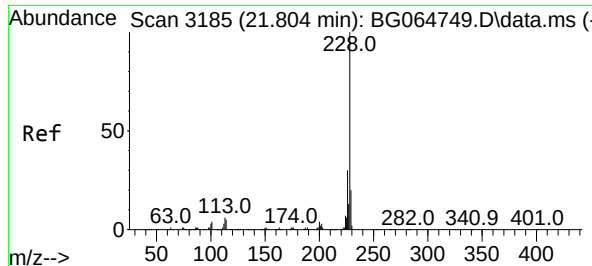
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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: 470111

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

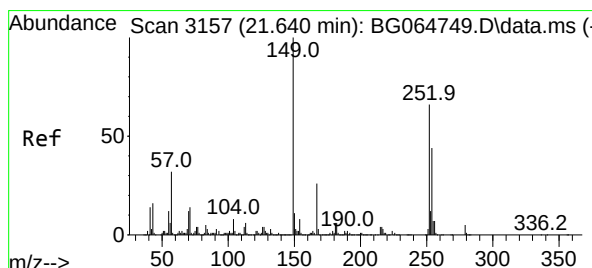
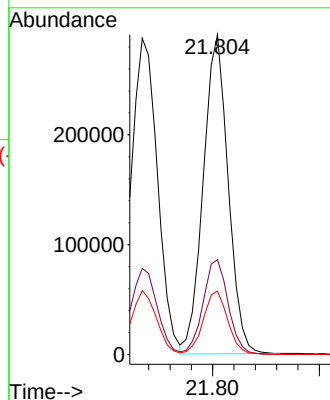
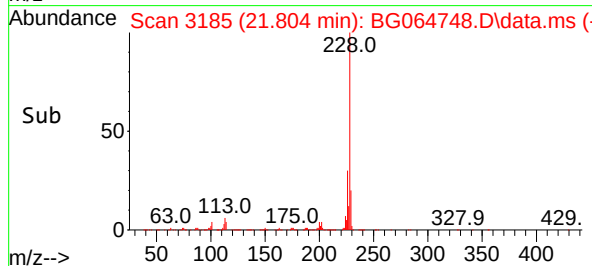
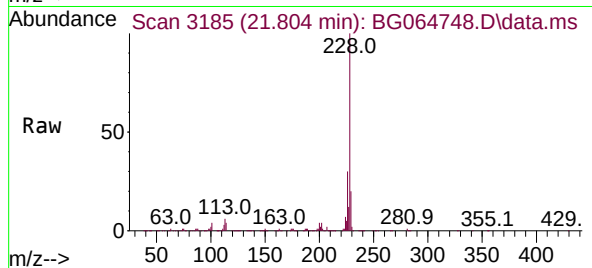
229 19.9 16.0 24.0

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

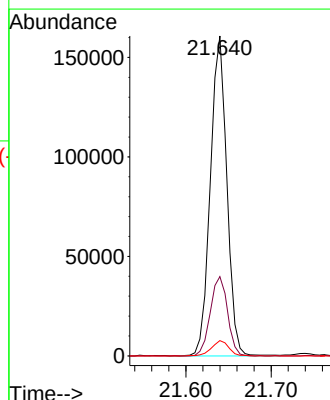
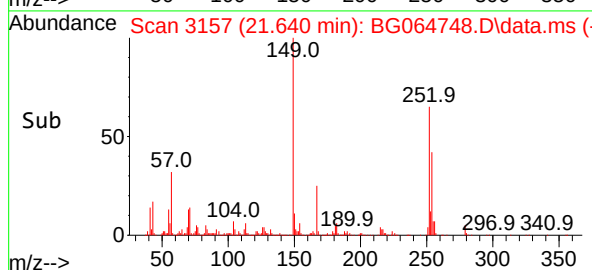
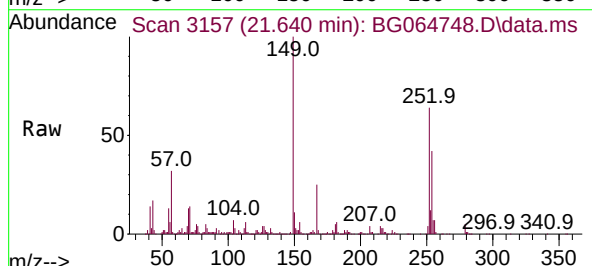
Tgt Ion:149 Resp: 216073

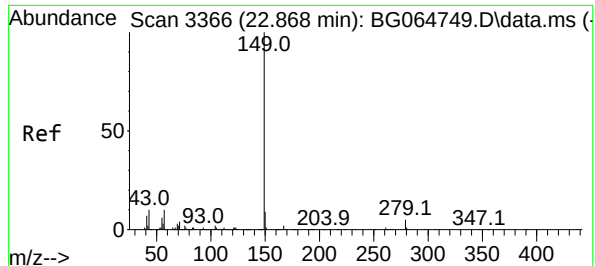
Ion Ratio Lower Upper

149 100

167 24.8 21.0 31.4

279 4.8 4.1 6.1





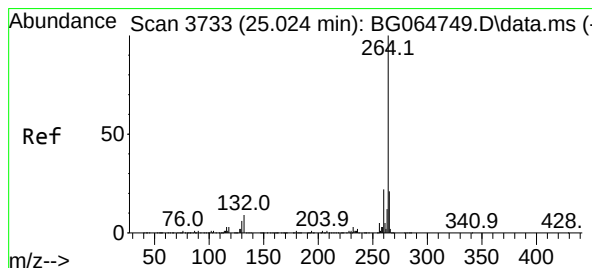
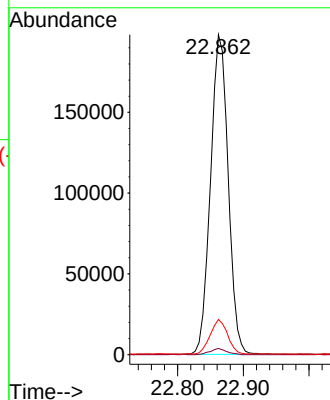
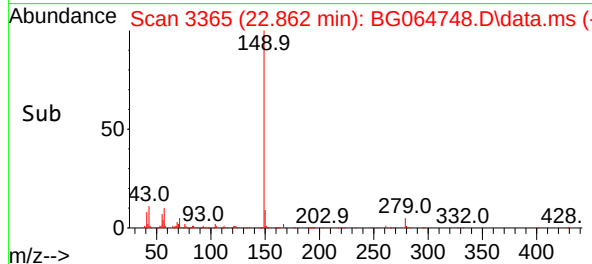
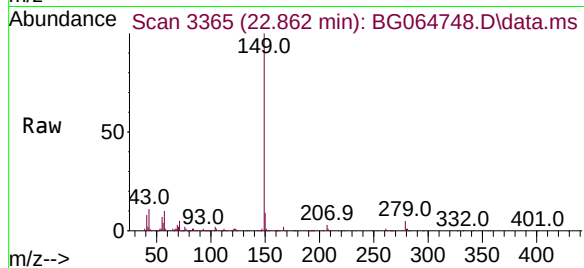
#85
Di-n-octyl phthalate
Concen: 20.598 ng
RT: 22.862 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20

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

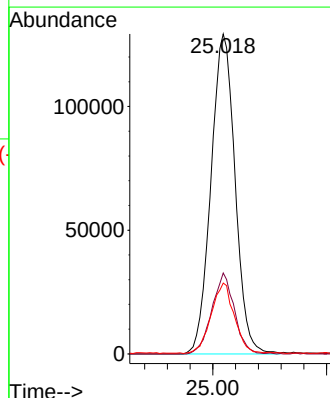
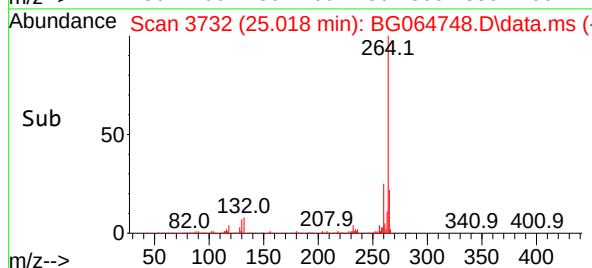
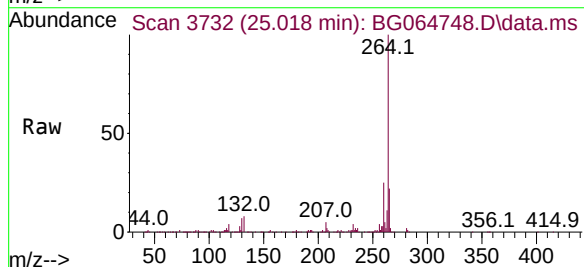
Manual Integrations
APPROVED

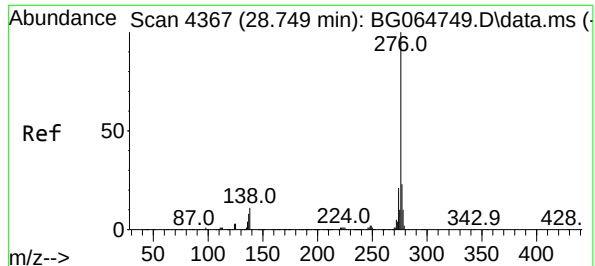
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

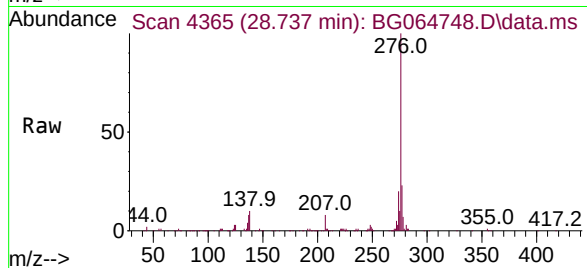
Tgt Ion:264 Resp: 380612
Ion Ratio Lower Upper
264 100
260 25.3 17.2 25.8
265 22.1 16.6 25.0





#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

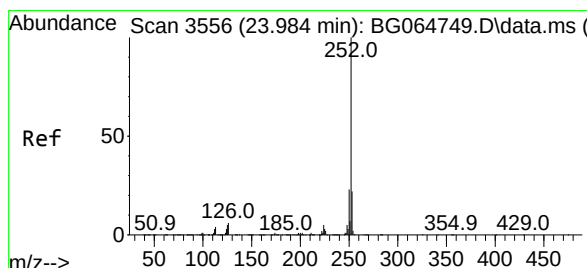
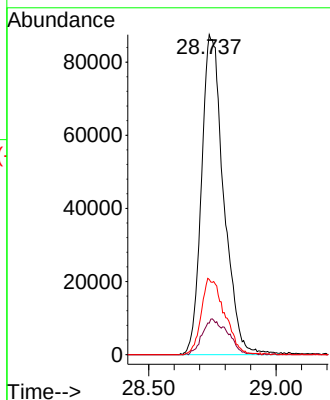
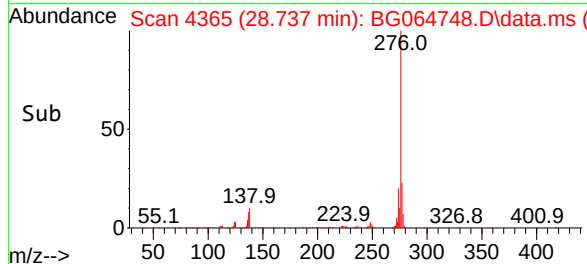
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



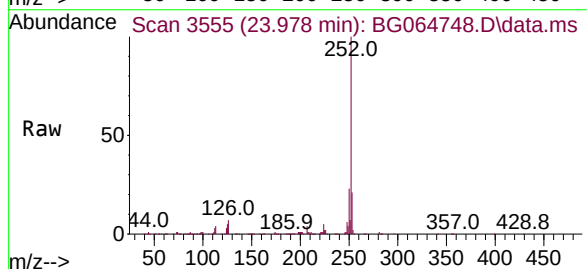
Tgt Ion: 276 Resp: 528109
Ion Ratio Lower Upper
276 100
138 12.6 4.5 6.7
277 25.0 20.0 30.0

Manual Integrations
APPROVED

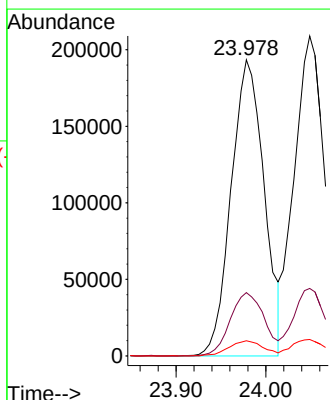
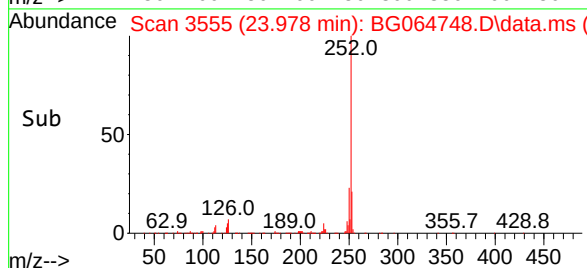
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025

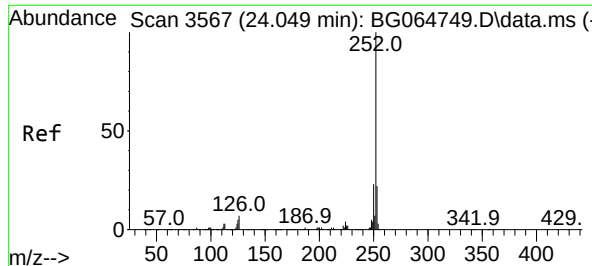


#88
Benzo(b)fluoranthene
Concen: 20.419 ng
RT: 23.978 min Scan# 3555
Delta R.T. -0.006 min
Lab File: BG064748.D
Acq: 12 Nov 2025 13:20



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

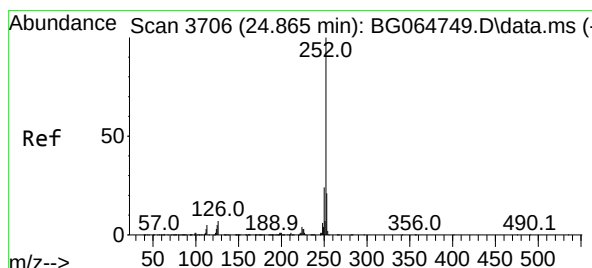
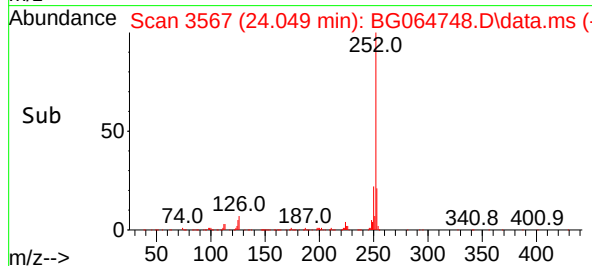
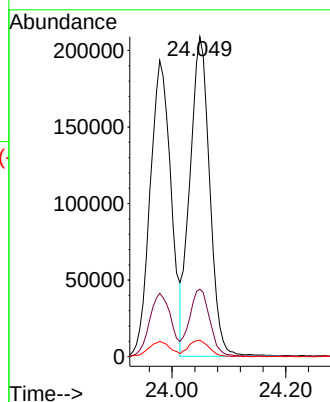
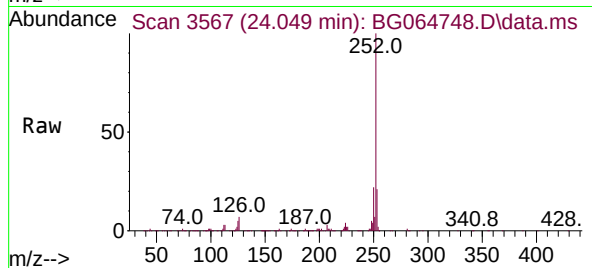
125 5.1 4.1 6.1

Manual Integrations

APPROVED

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

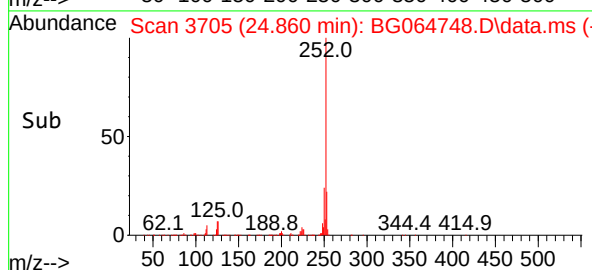
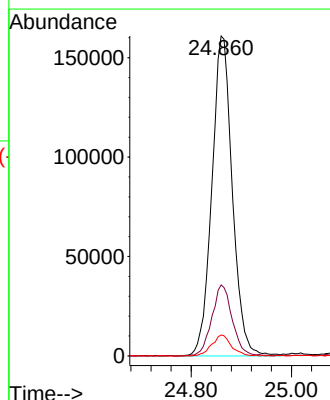
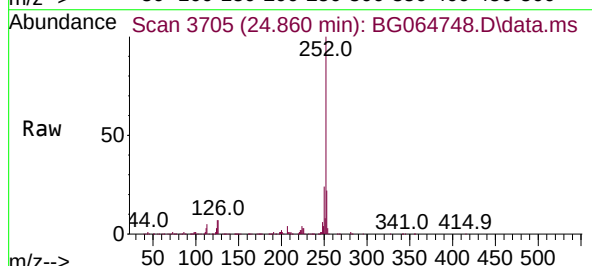
Tgt Ion:252 Resp: 455638

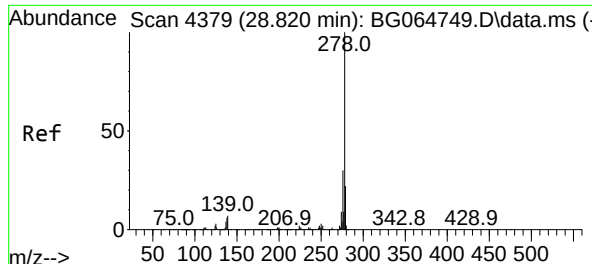
Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

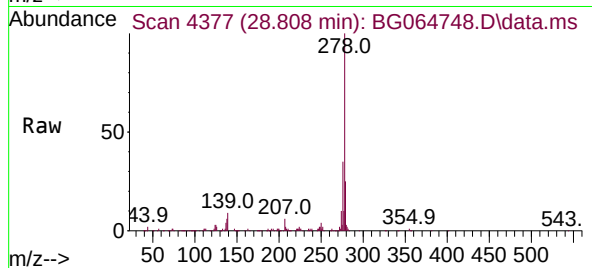
125 6.5 4.2 6.4#





#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

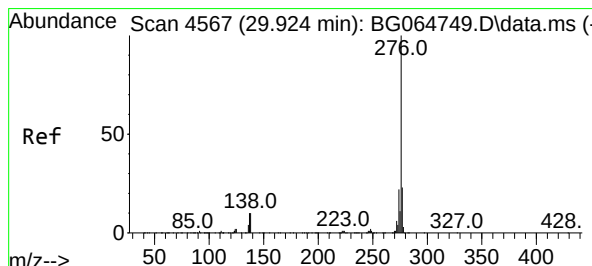
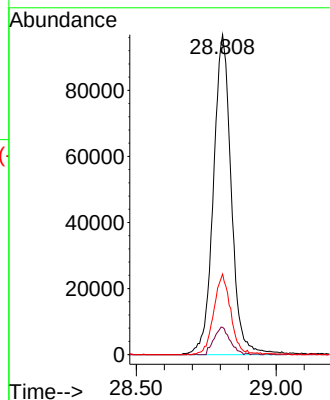
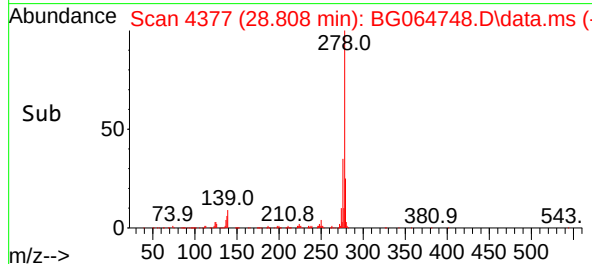
Instrument :
BNA_G
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 42935
Ion Ratio Lower Upper
278 100
139 8.5 5.8 8.8
279 25.2 17.3 25.9

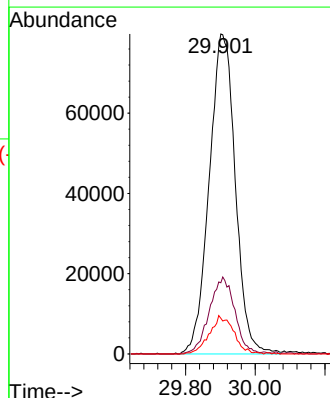
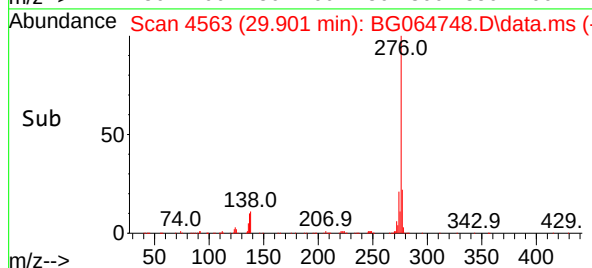
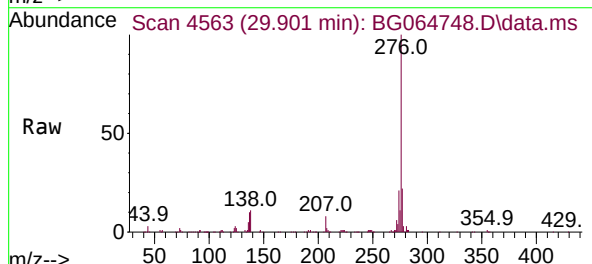
Manual Integrations
APPROVED

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

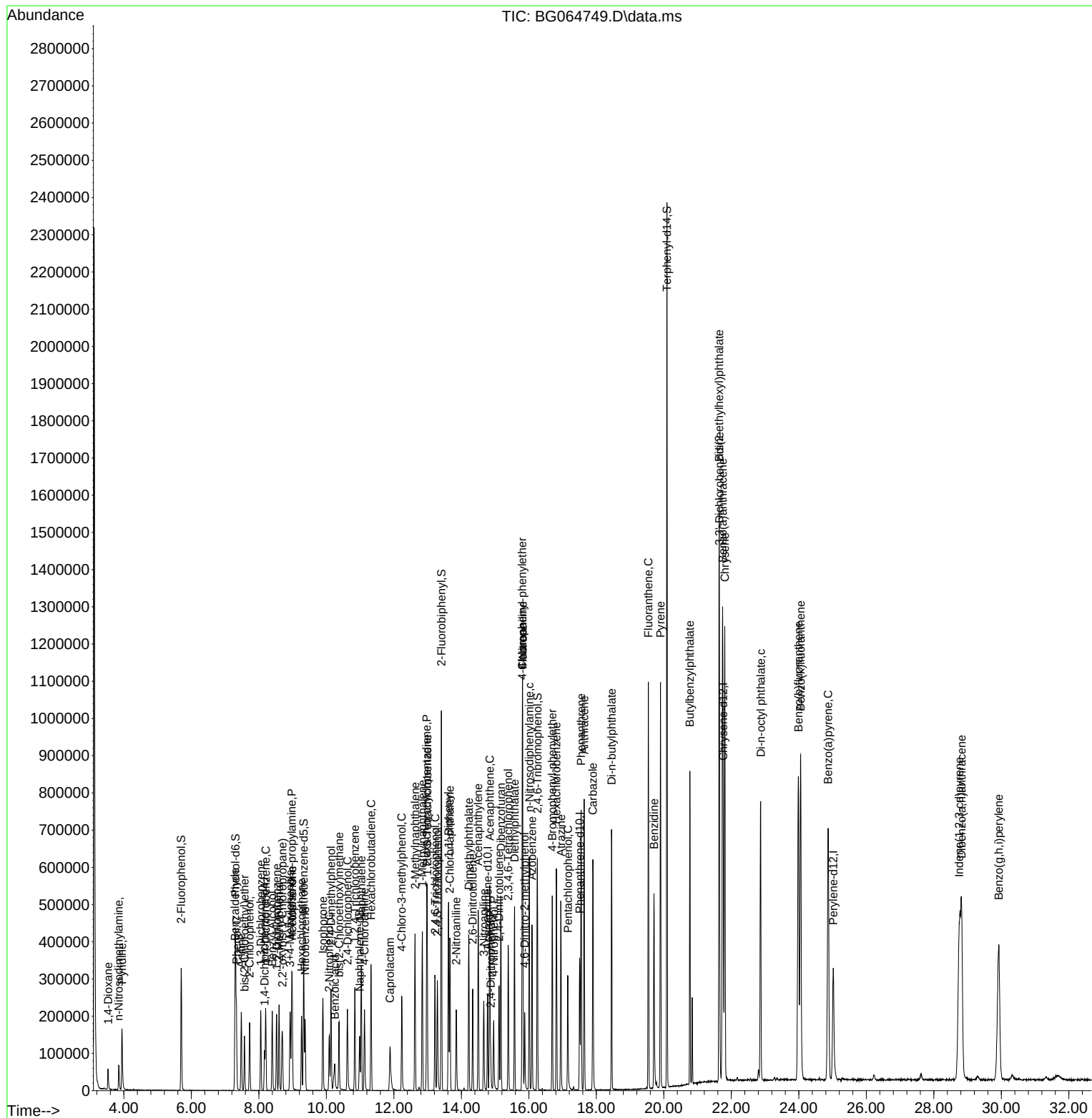
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	100121	40.636	ng	100
46) 1,1'-Biphenyl	13.620	154	274766	39.776	ng	100
47) 2-Chloronaphthalene	13.661	162	215361	39.573	ng	100
48) 2-Nitroaniline	13.849	65	71445	40.816	ng	100
49) Acenaphthylene	14.501	152	371193	39.925	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

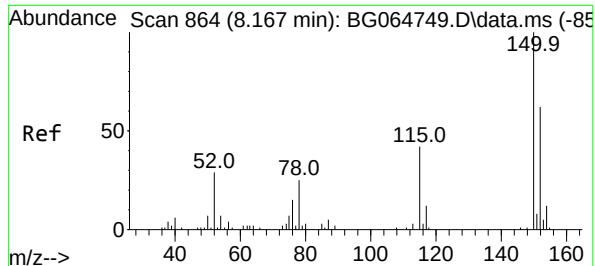
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

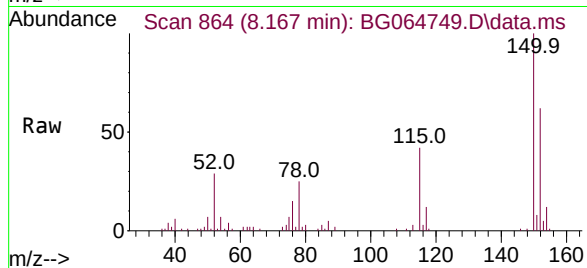
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





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

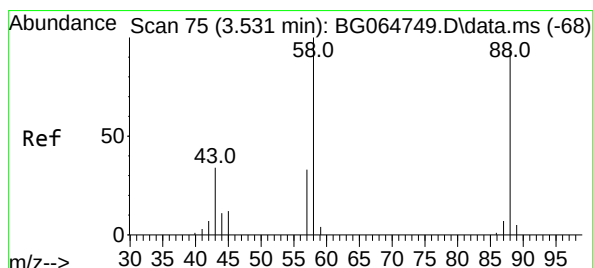
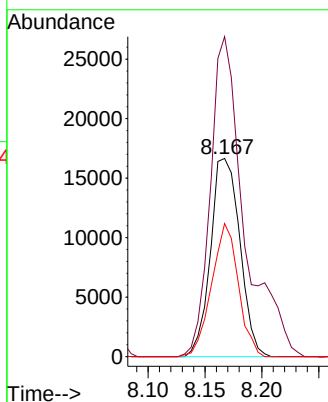
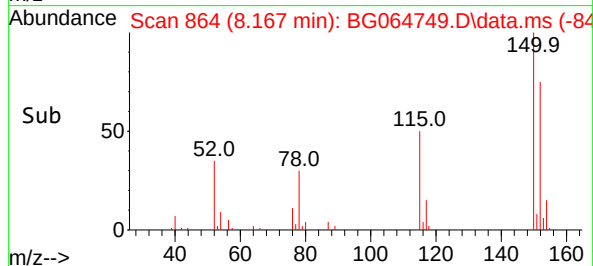
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

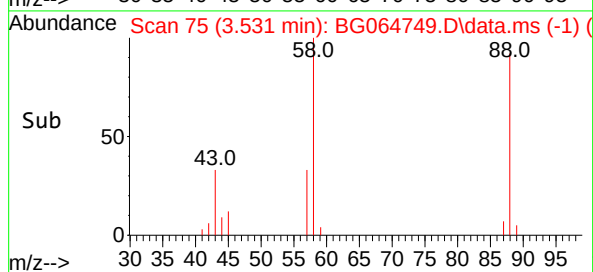
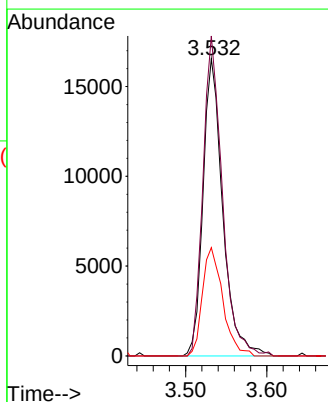
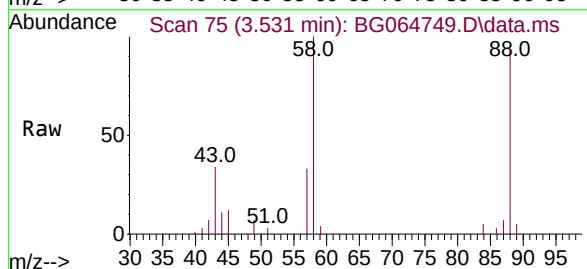
Manual Integrations
APPROVED

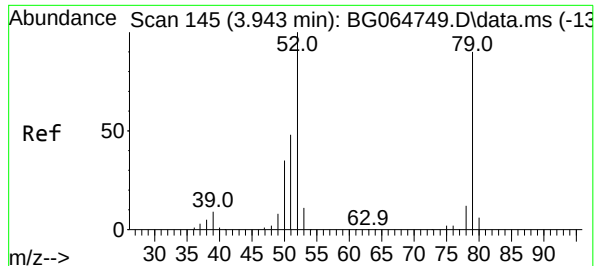
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

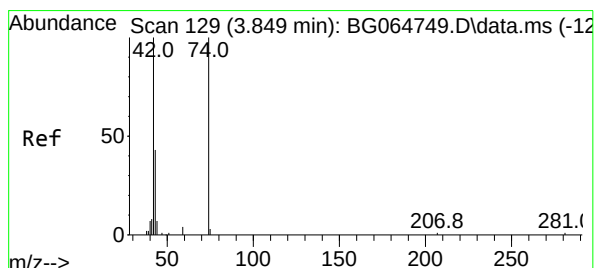
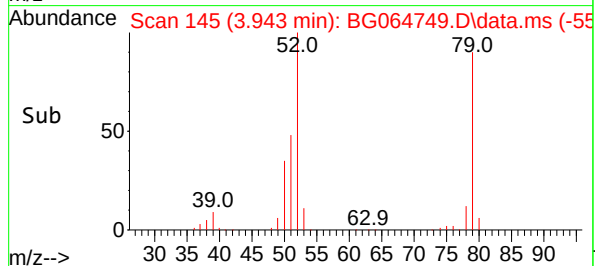
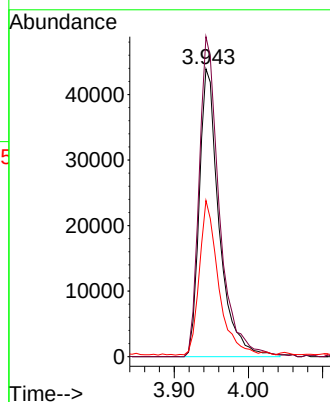
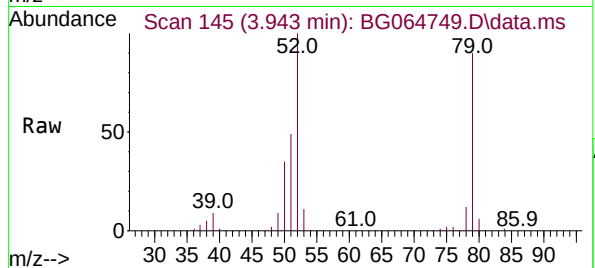
SSTDICCC040

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

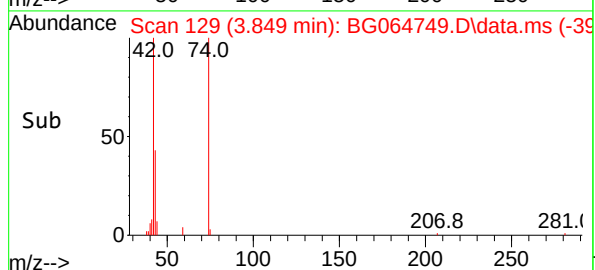
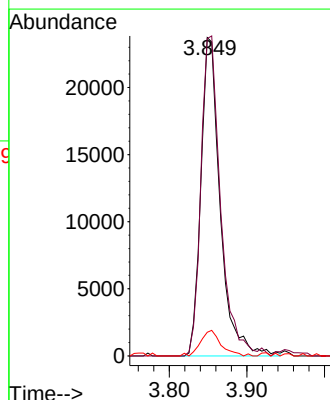
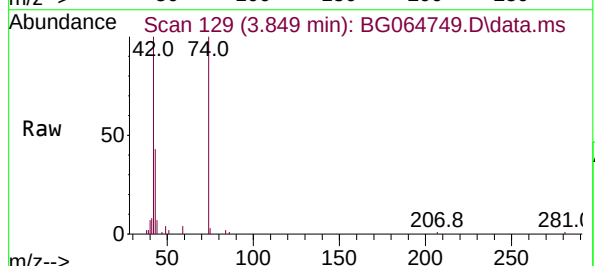
RT: 3.849 min Scan# 129

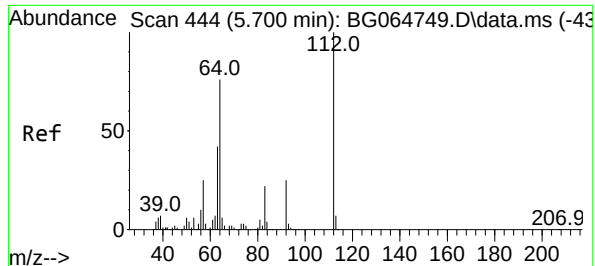
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

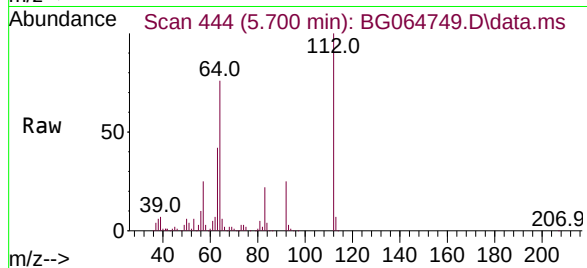
Tgt Ion:	42	Resp:	41058
Ion	Ratio	Lower	Upper
42	100		
74	99.7	79.8	119.6
44	7.4	5.9	8.9





#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

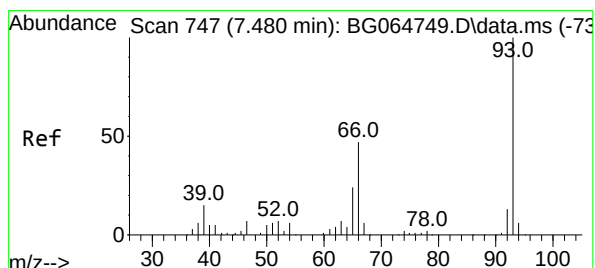
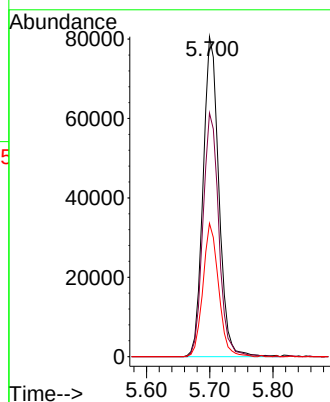
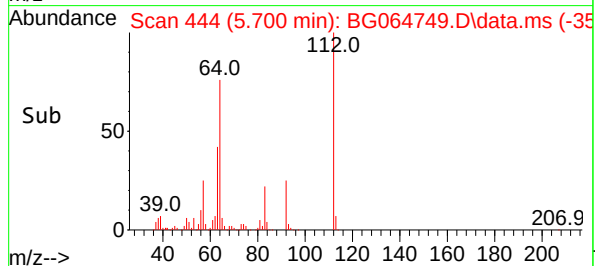
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

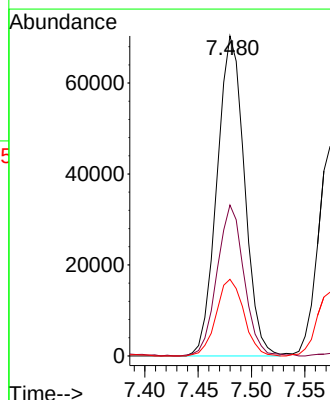
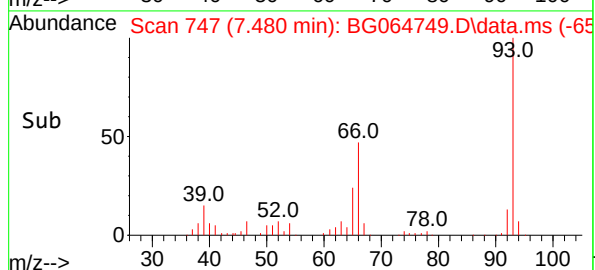
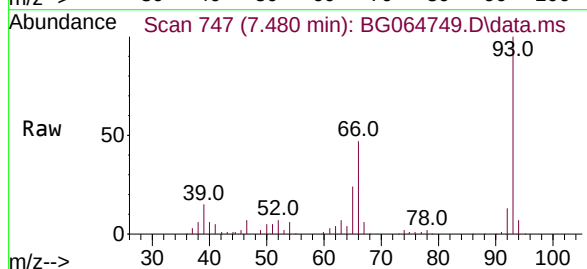
Manual Integrations
APPROVED

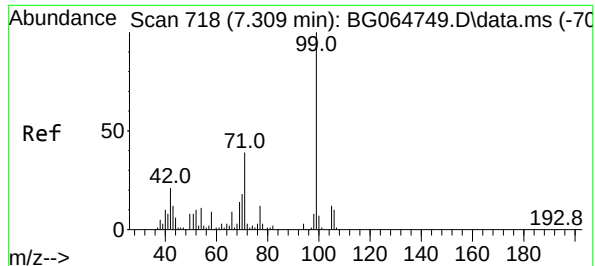
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 18892

Ion Ratio Lower Upper

99 100

42 21.0 16.8 25.2

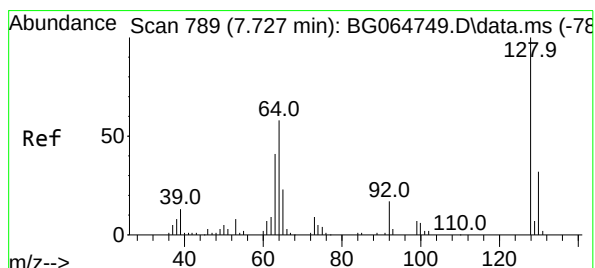
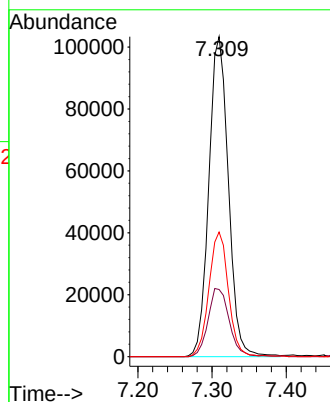
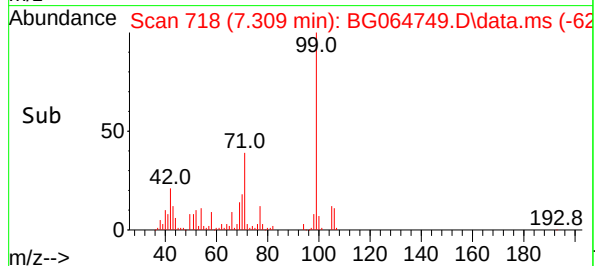
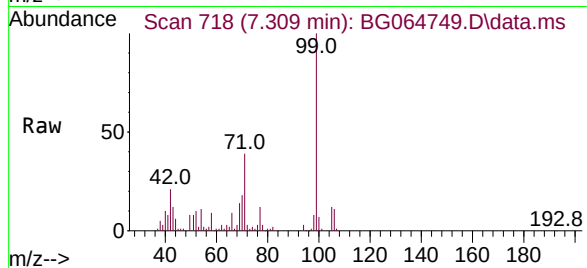
71 38.9 31.1 46.7

Manual Integrations

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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

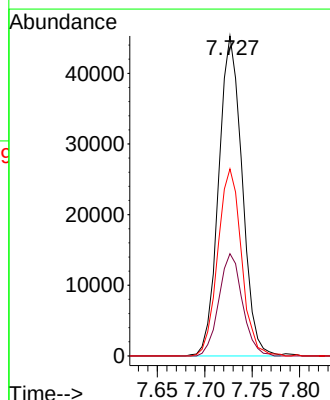
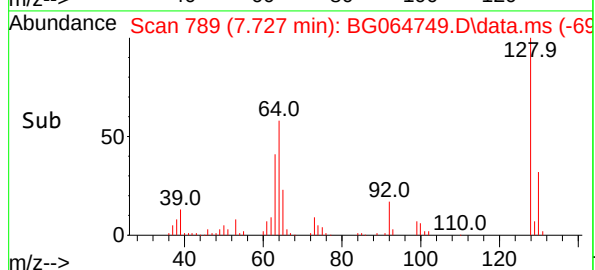
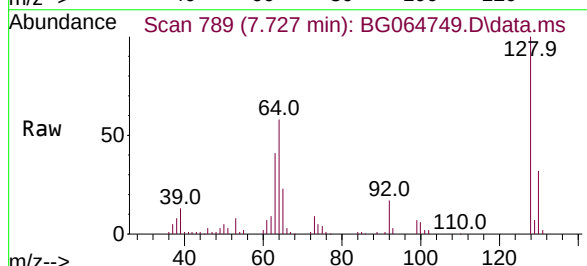
Tgt Ion:128 Resp: 77911

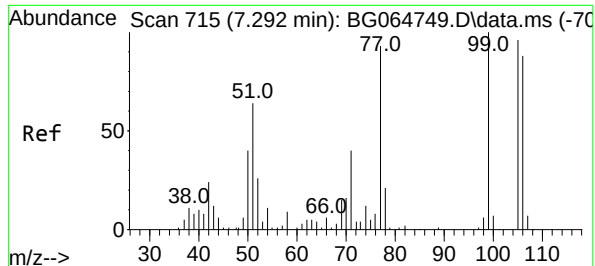
Ion Ratio Lower Upper

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

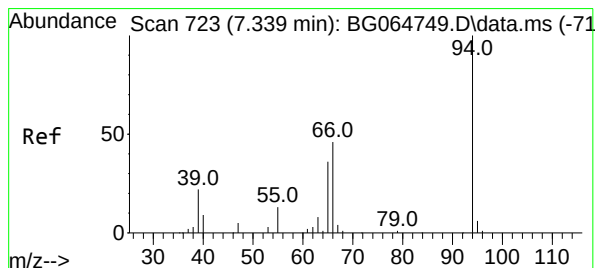
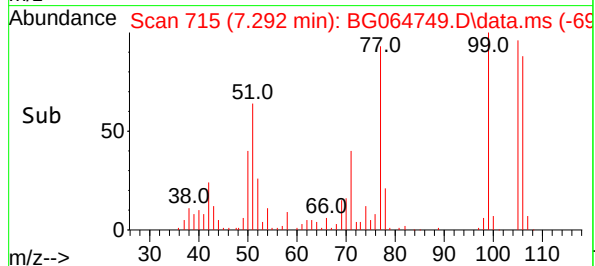
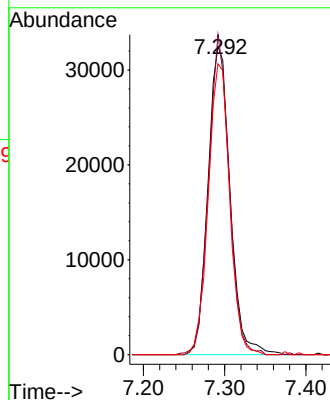
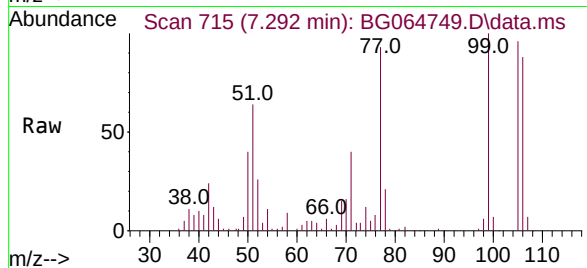
106 94.3 74.3 114.3

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

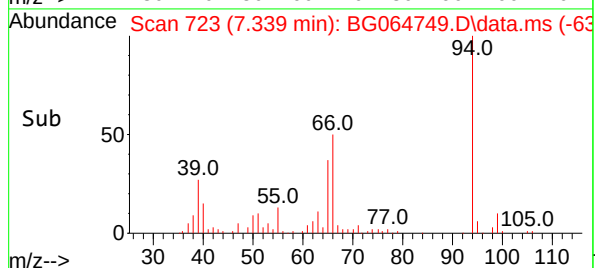
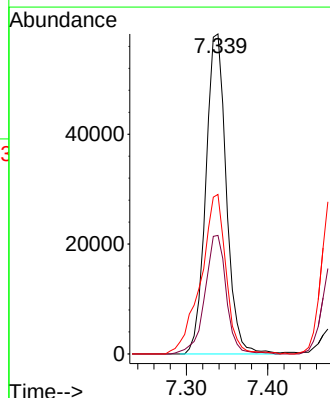
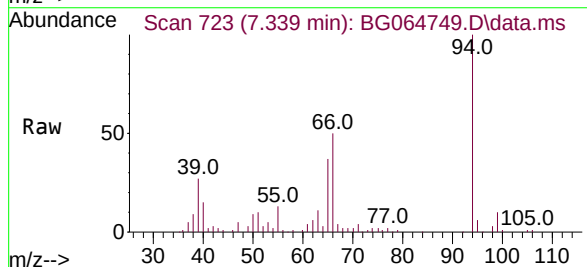
Tgt Ion: 94 Resp: 102268

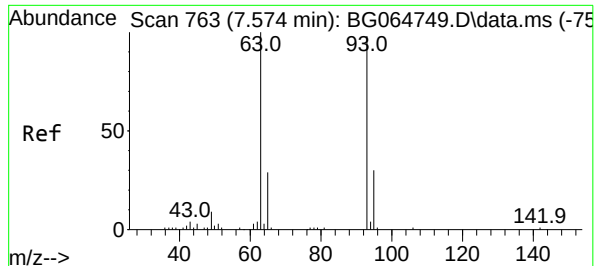
Ion Ratio Lower Upper

94 100

65 37.0 17.0 57.0

66 49.8 29.8 69.8





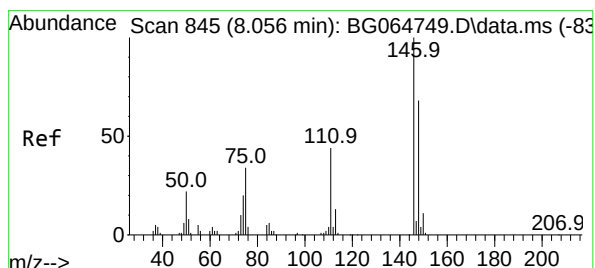
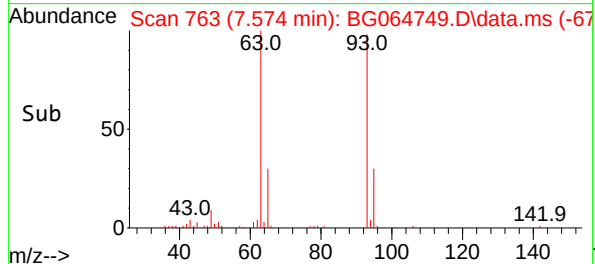
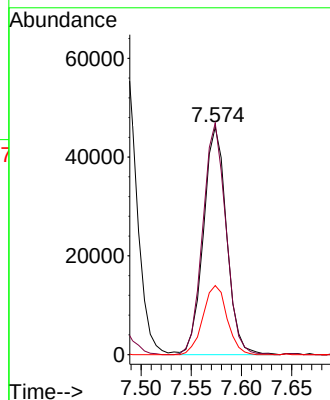
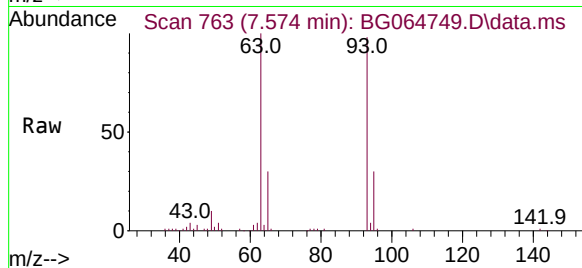
#11
bis(2-Chloroethyl)ether
Concen: 41.850 ng
RT: 7.574 min Scan# 763
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

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

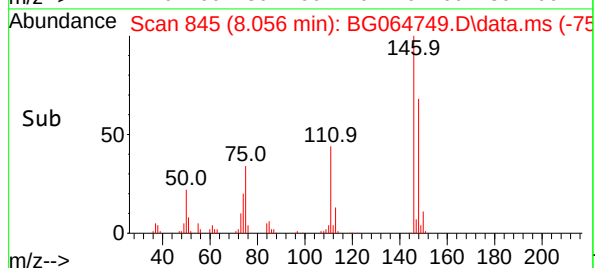
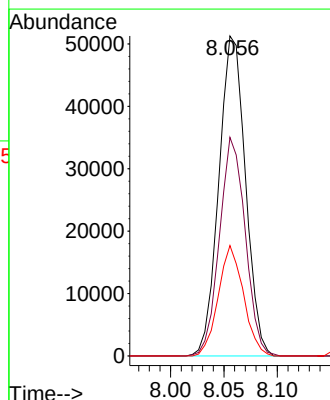
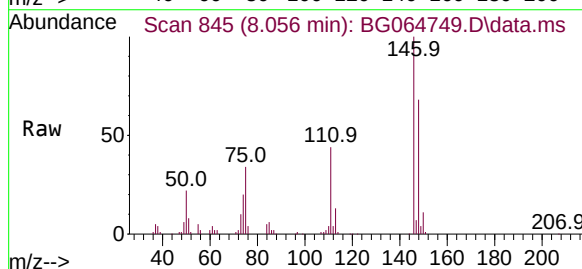
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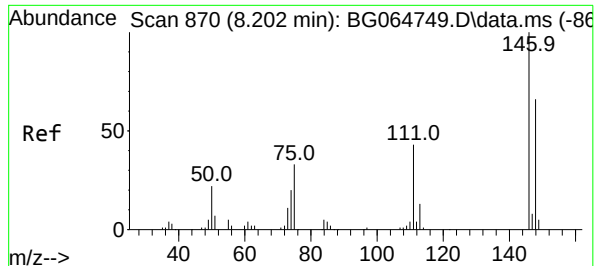
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

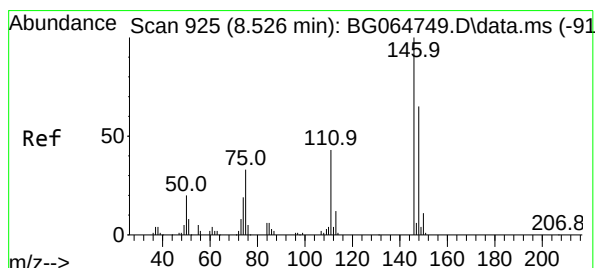
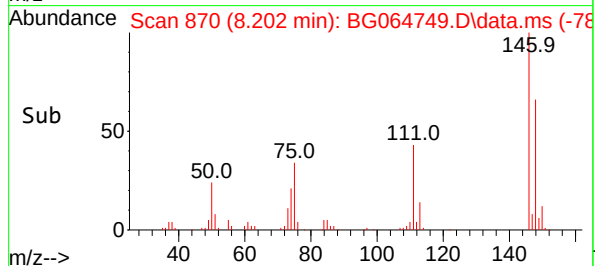
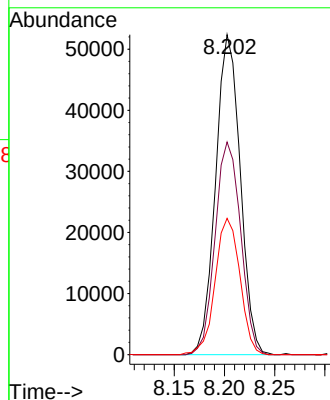
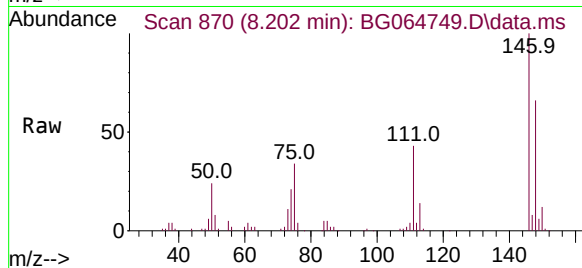
SSTDICCC040

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

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



#14

1,2-Dichlorobenzene

Concen: 41.308 ng

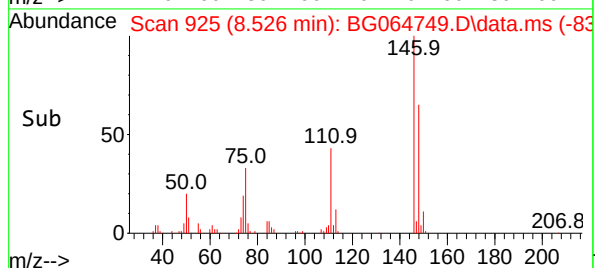
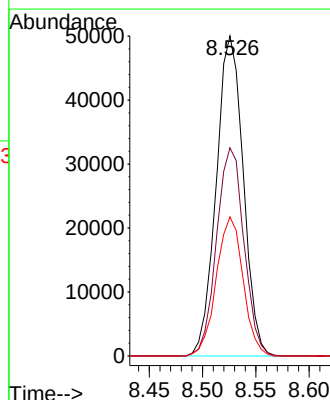
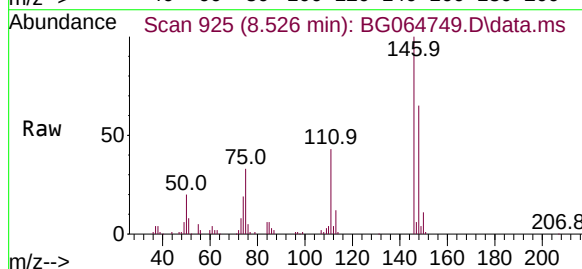
RT: 8.526 min Scan# 925

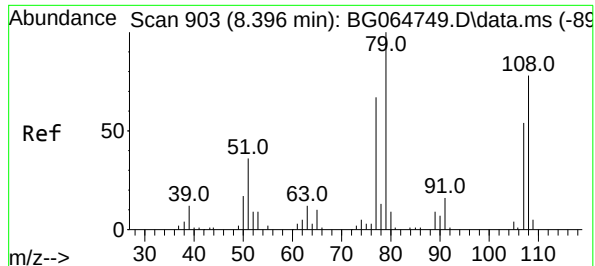
Delta R.T. 0.000 min

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





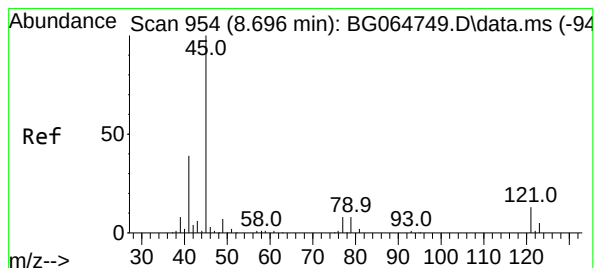
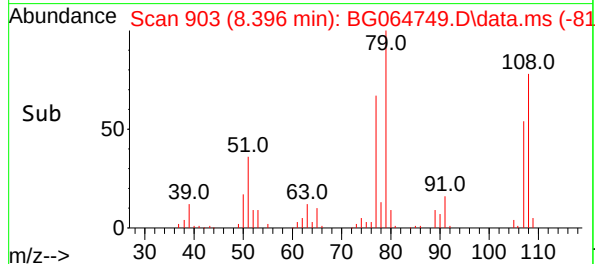
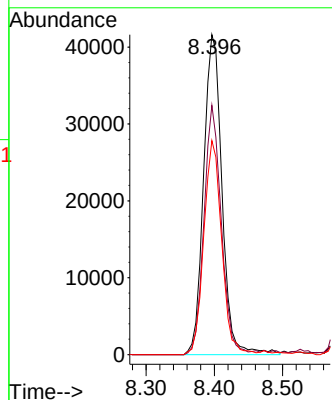
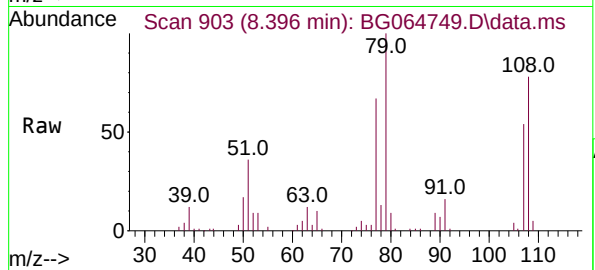
#15
Benzyl Alcohol
Concen: 41.743 ng
RT: 8.396 min Scan# 903
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

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

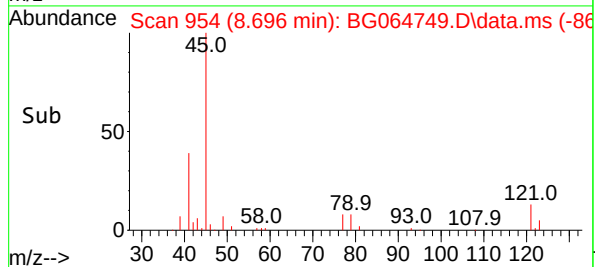
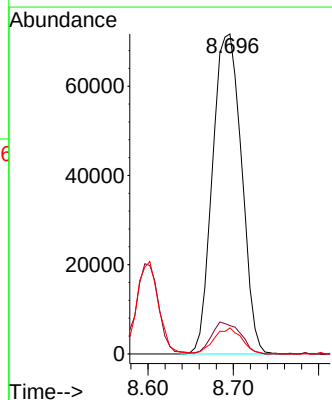
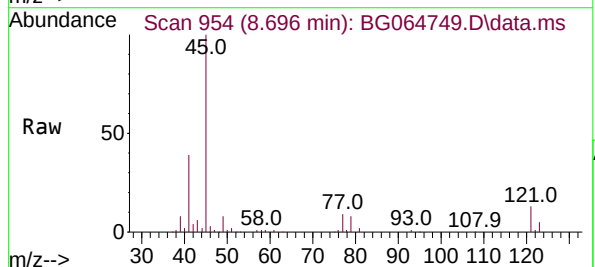
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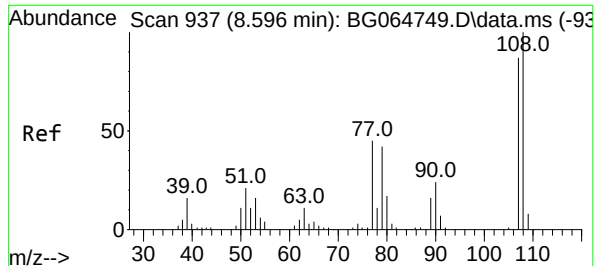
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16
2,2'-oxybis(1-chloropropane)
Concen: 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

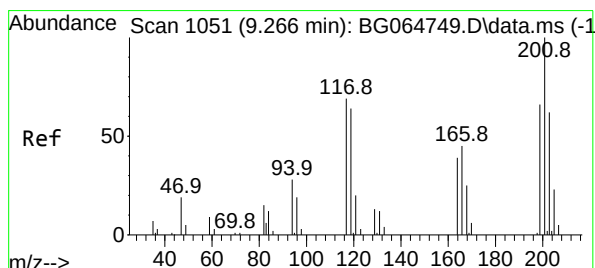
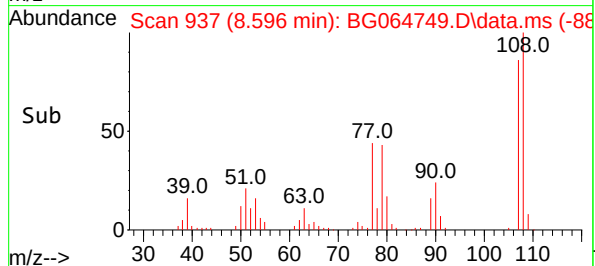
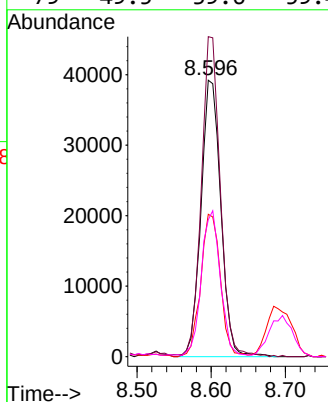
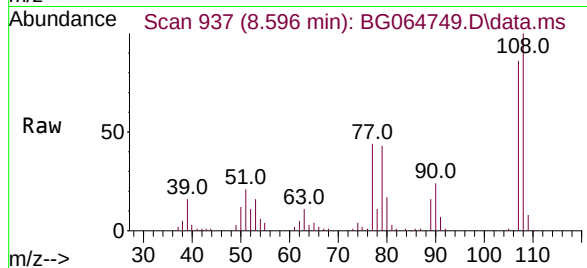
79 49.5 39.6 59.4

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

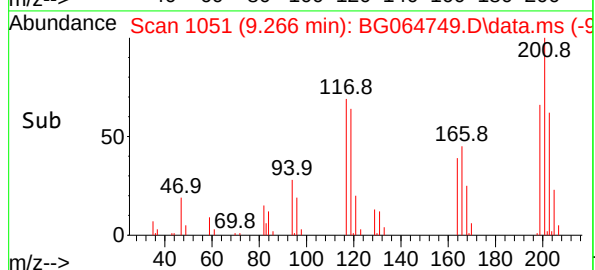
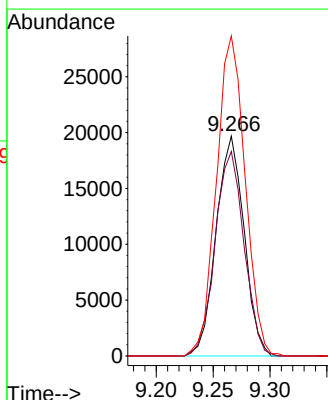
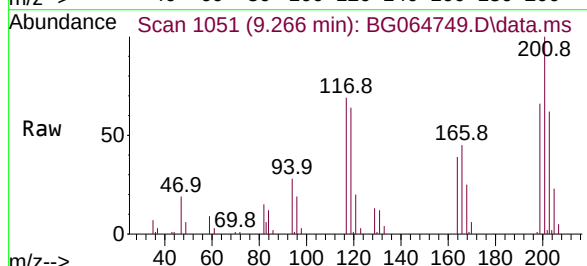
Tgt Ion:117 Resp: 33674

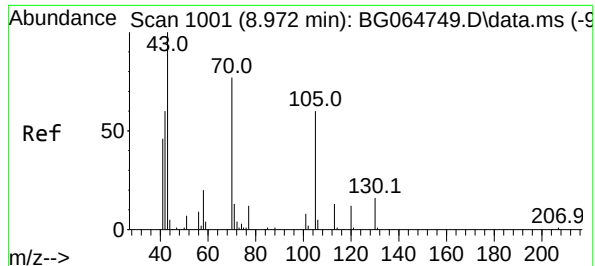
Ion Ratio Lower Upper

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: 65563

Ion Ratio Lower Upper

70 100

42 78.2 62.6 93.8

101 10.0 8.0 12.0

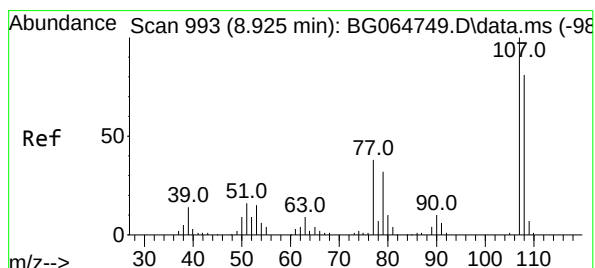
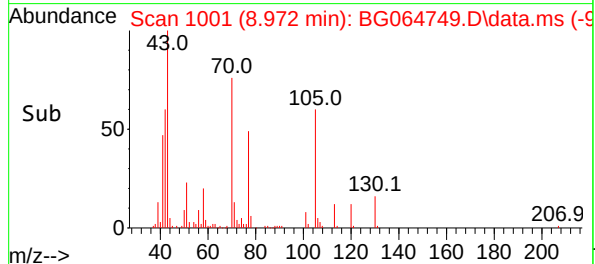
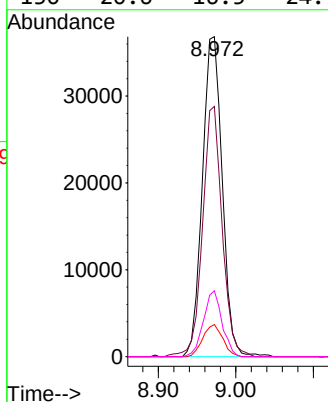
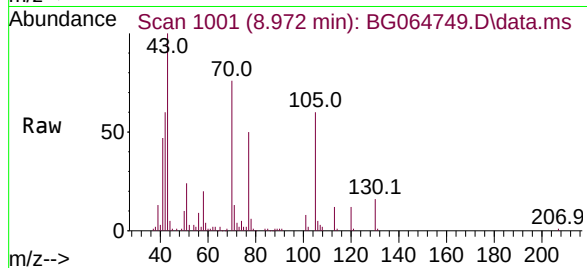
130 20.6 16.5 24.7

Manual Integrations

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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

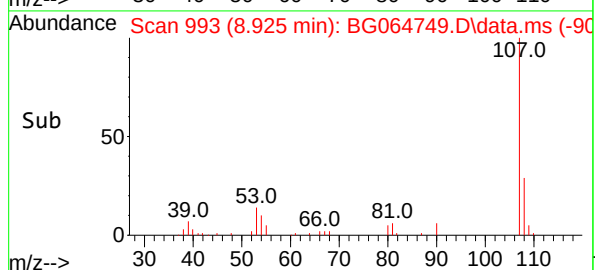
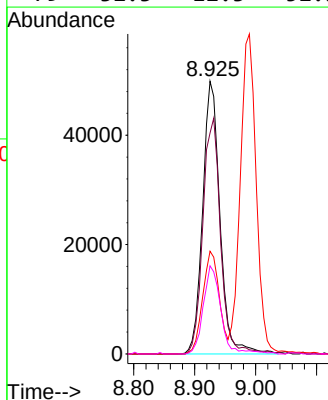
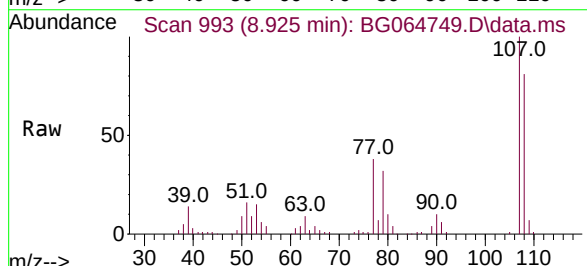
Ion Ratio Lower Upper

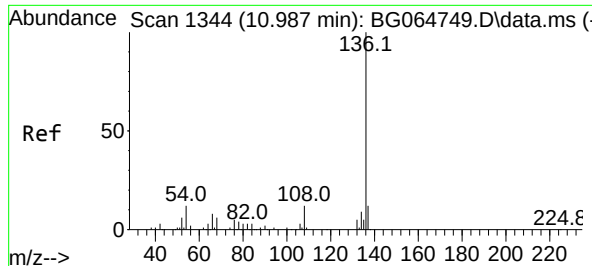
107 100

108 81.0 61.0 101.0

77 37.6 17.6 57.6

79 32.3 12.3 52.3





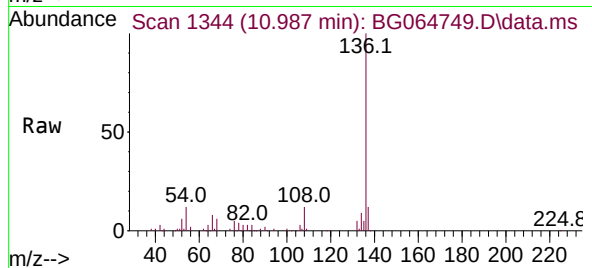
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.987 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

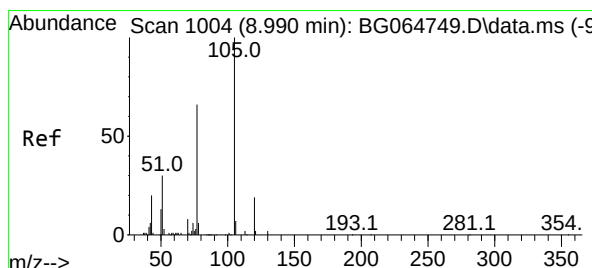
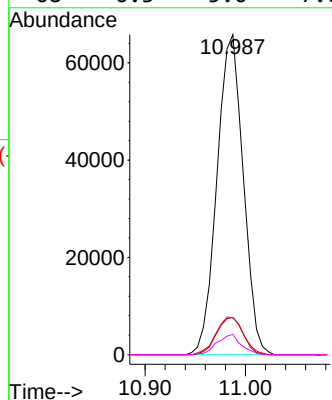
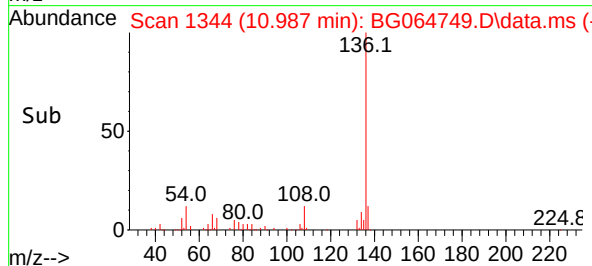


Tgt Ion:136 Resp: 119709
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 11.6 9.3 13.9
68 6.3 5.0 7.6

Manual Integrations

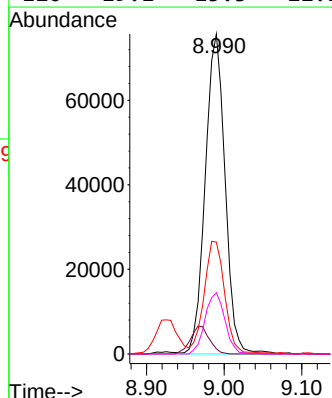
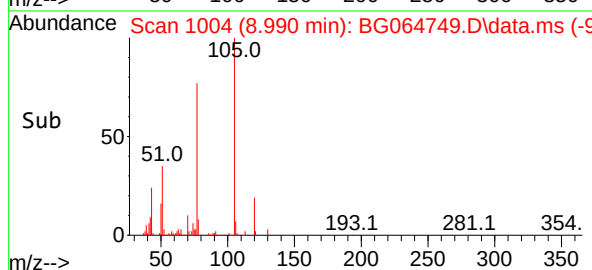
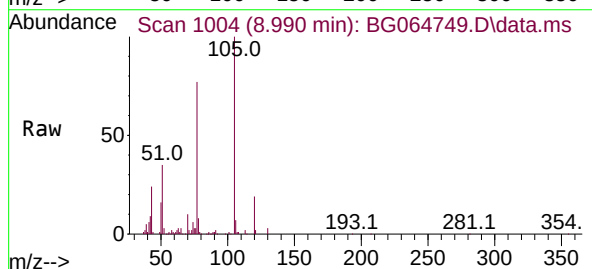
APPROVED

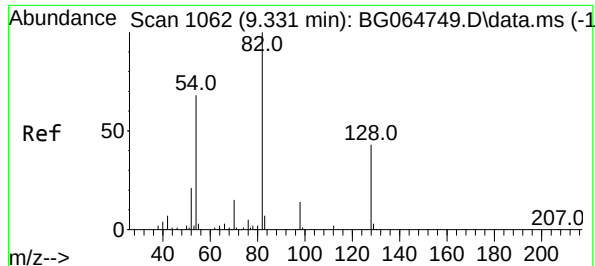
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

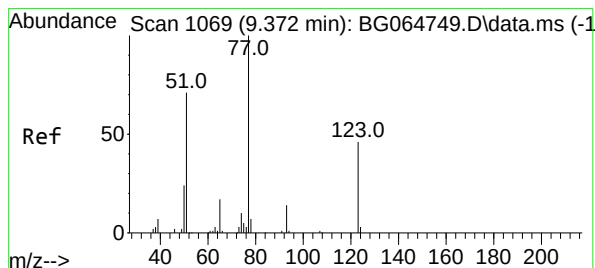
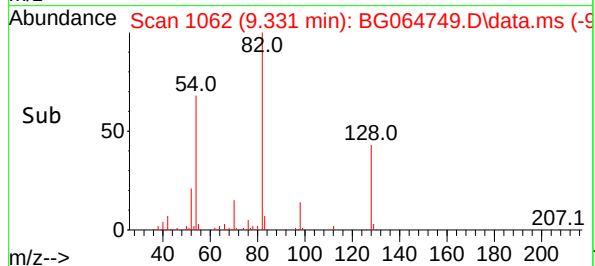
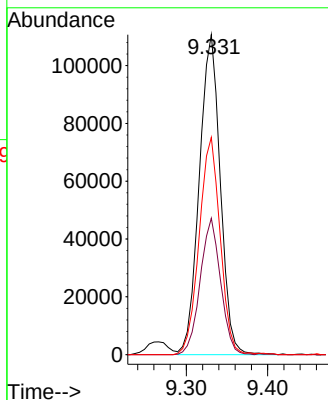
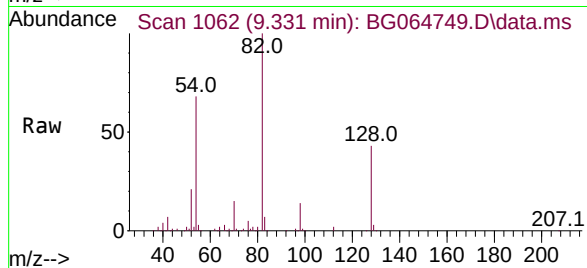
54 67.9 54.3 81.5

Manual Integrations

APPROVED

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

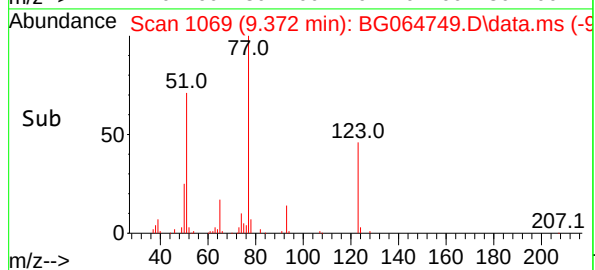
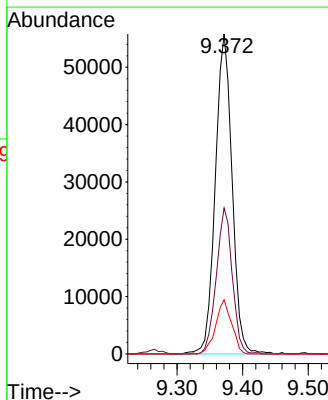
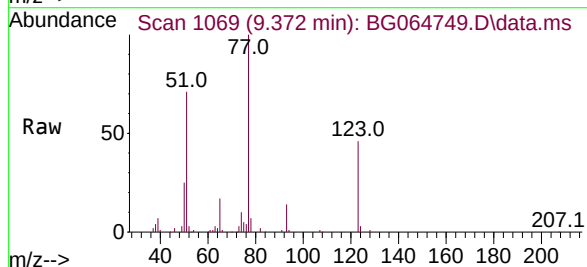
Tgt Ion: 77 Resp: 99239

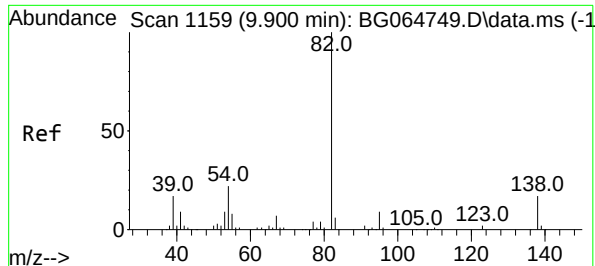
Ion Ratio Lower Upper

77 100

123 45.6 36.5 54.7

65 16.9 13.5 20.3





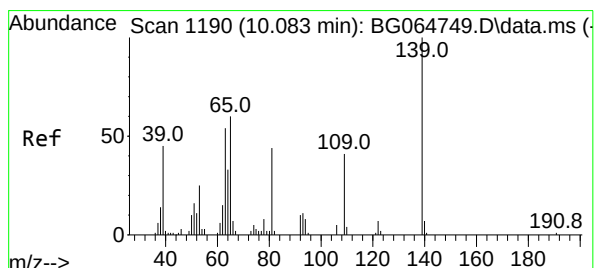
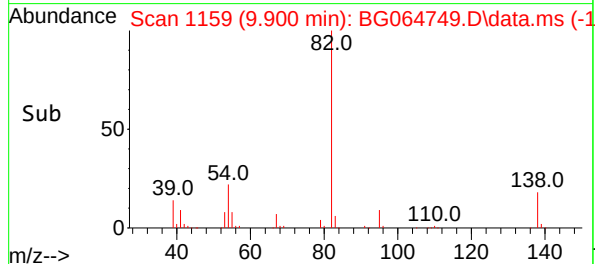
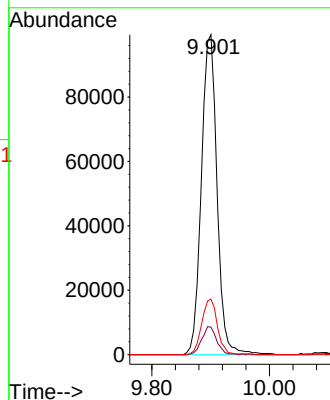
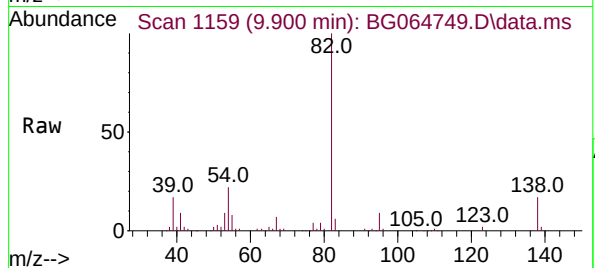
#25
Isophorone
Concen: 39.810 ng
RT: 9.900 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

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

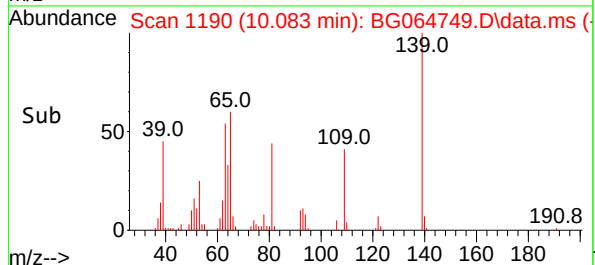
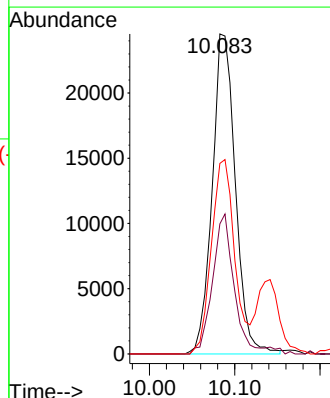
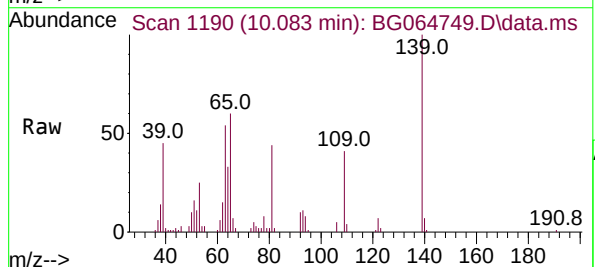
Manual Integrations
APPROVED

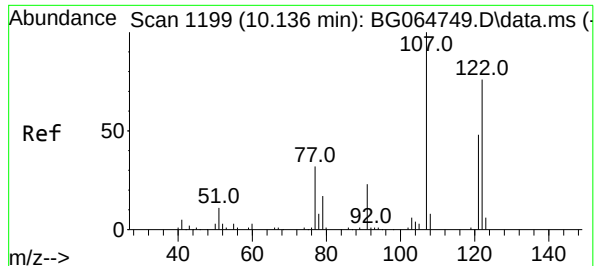
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

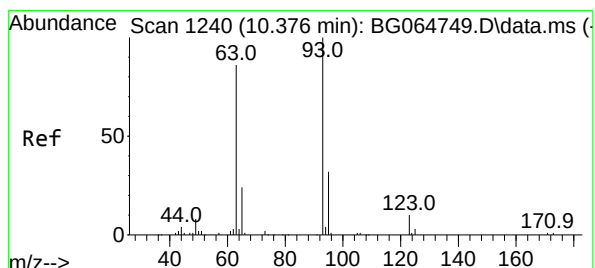
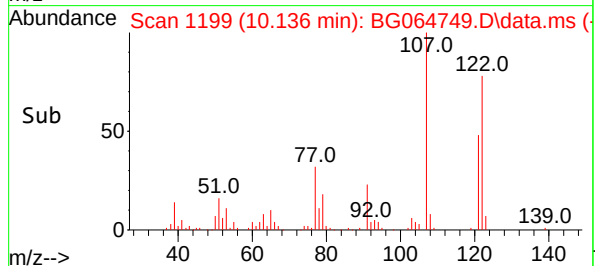
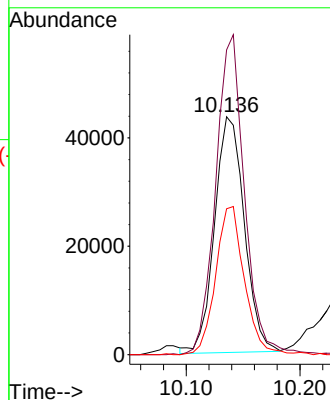
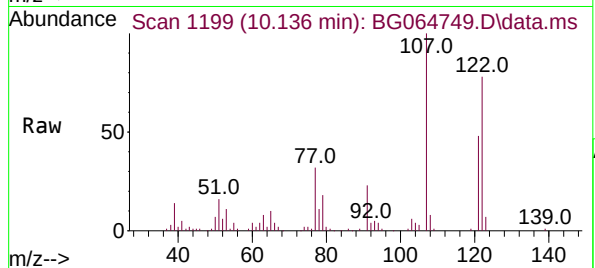
SSTDICCC040

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

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 40.152 ng

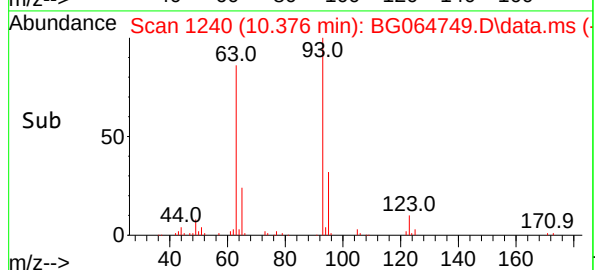
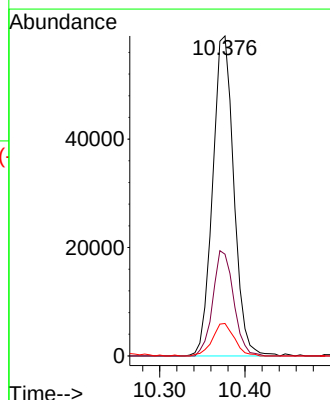
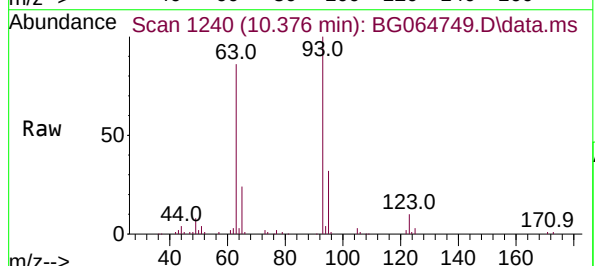
RT: 10.376 min Scan# 1240

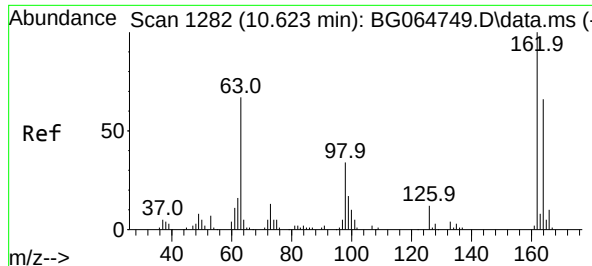
Delta R.T. 0.000 min

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

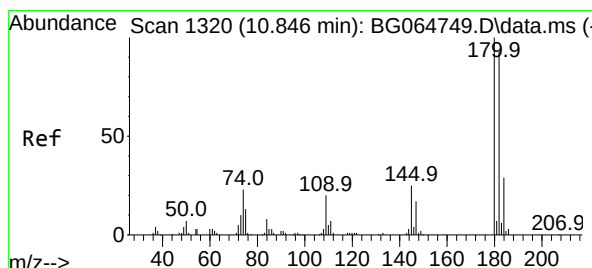
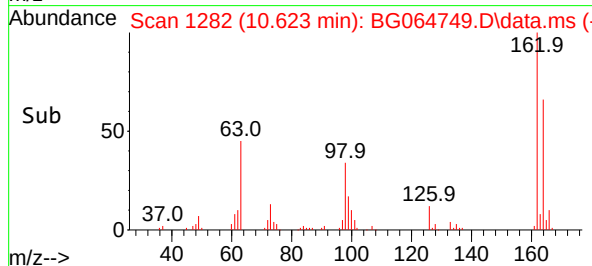
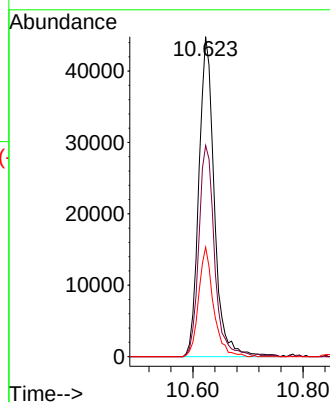
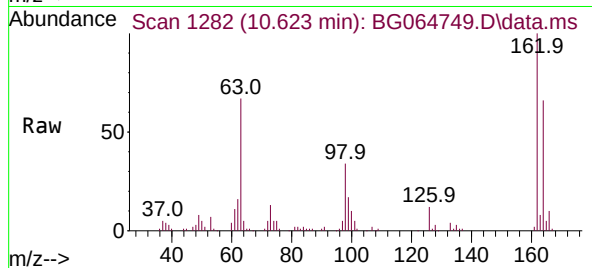
98 34.2 14.2 54.2

Manual Integrations

APPROVED

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

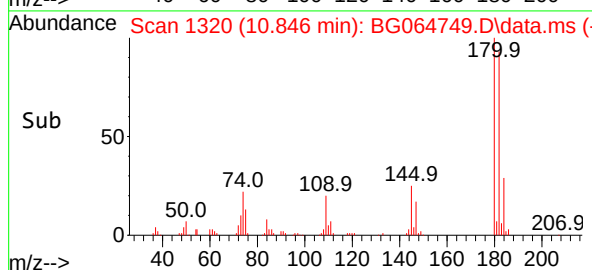
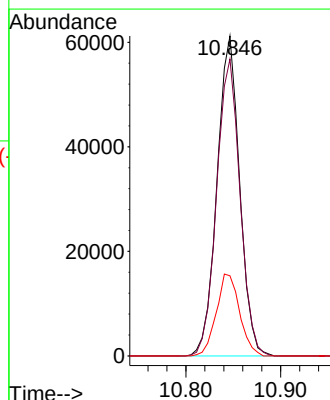
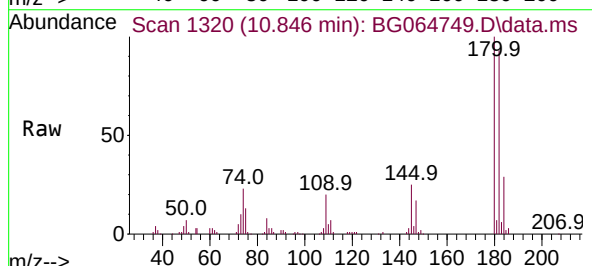
Tgt Ion:180 Resp: 101577

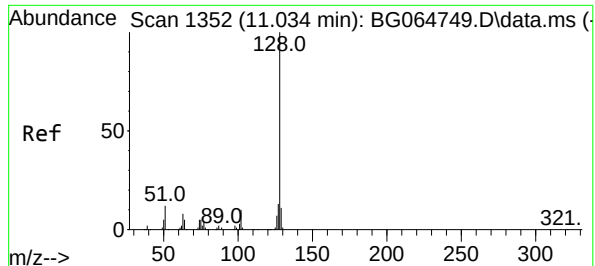
Ion Ratio Lower Upper

180 100

182 92.8 74.2 111.4

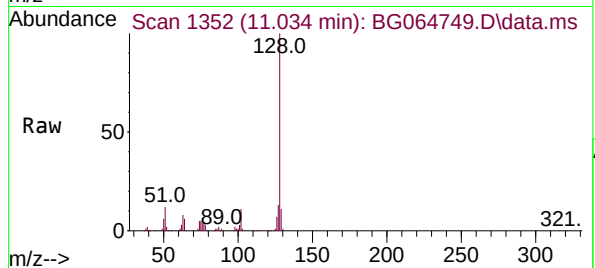
145 25.0 20.0 30.0





#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

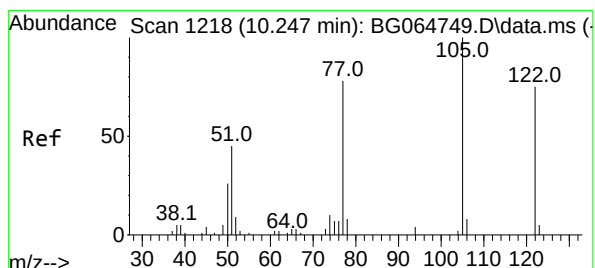
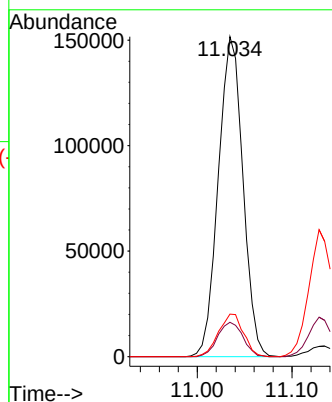
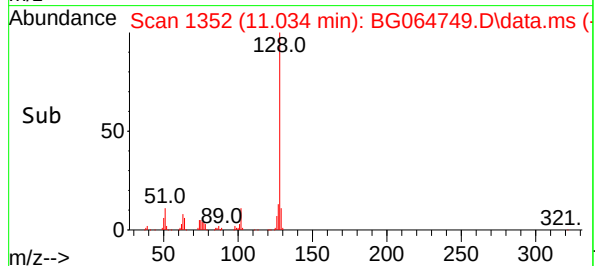
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

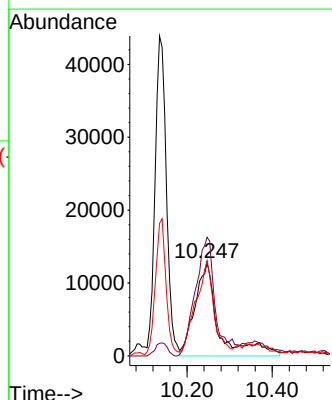
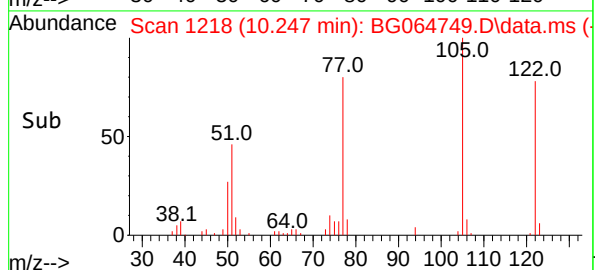
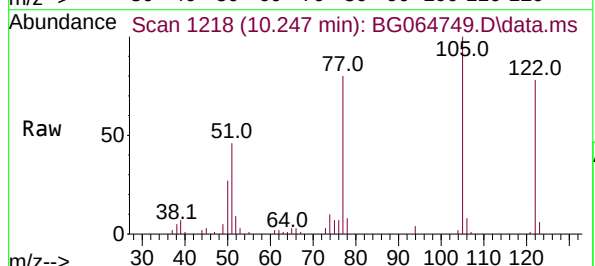
Manual Integrations
APPROVED

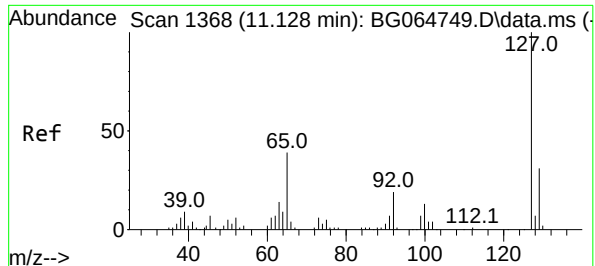
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

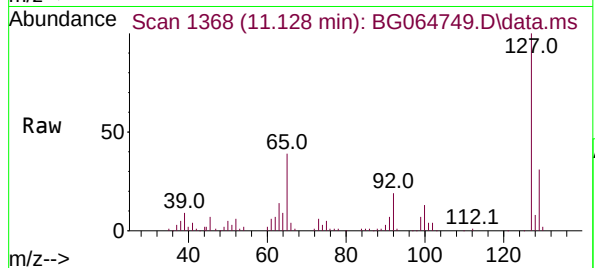
Tgt Ion:122 Resp: 48881
Ion Ratio Lower Upper
122 100
105 127.6 107.6 147.6
77 102.5 82.5 122.5





#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

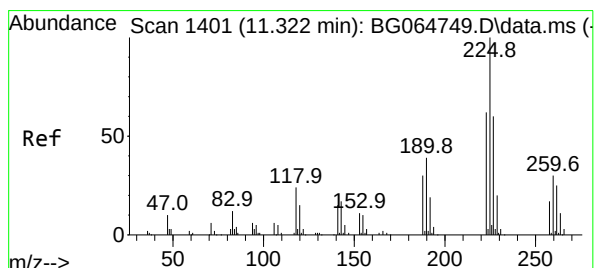
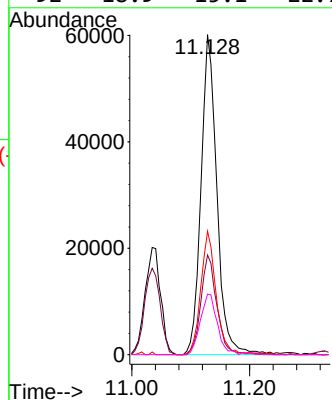
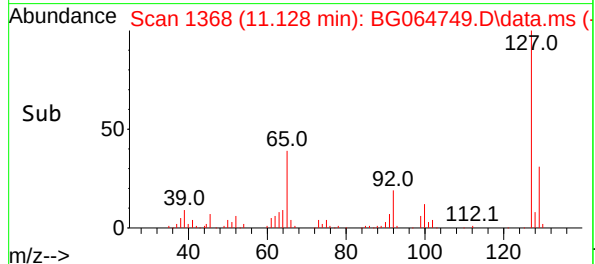
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

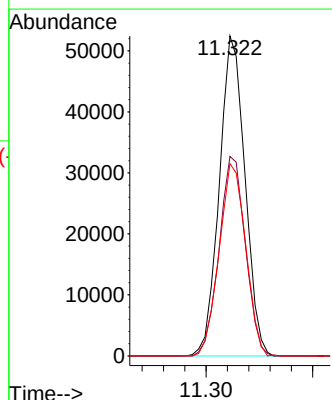
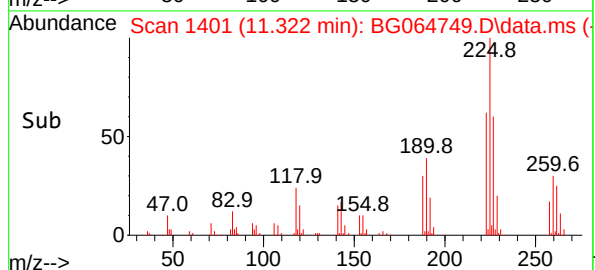
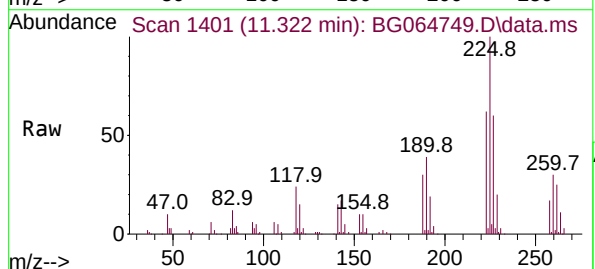
Manual Integrations
APPROVED

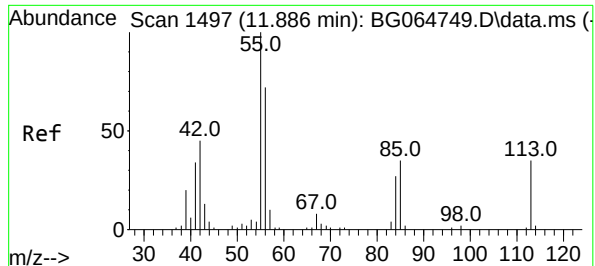
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





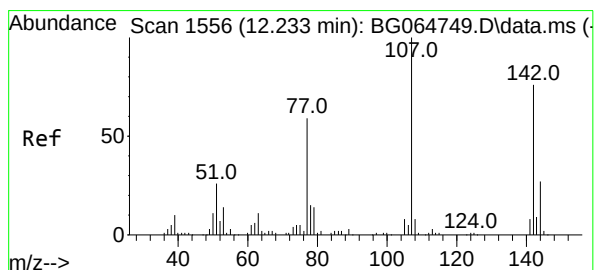
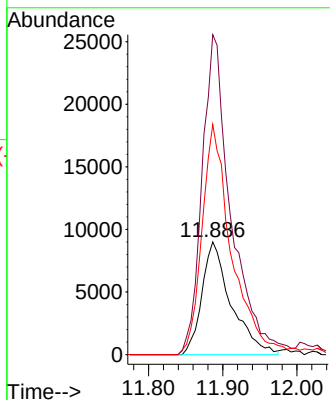
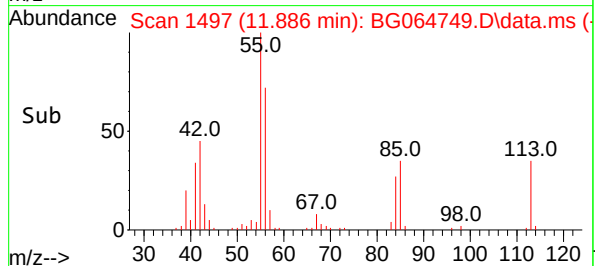
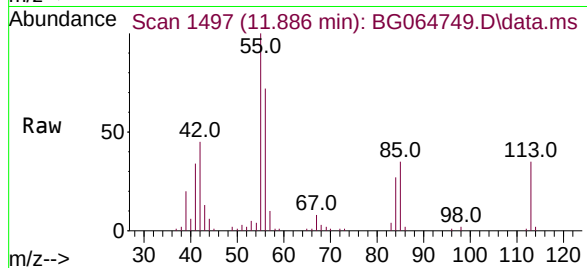
#35
Caprolactam
Concen: 39.361 ng
RT: 11.886 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

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

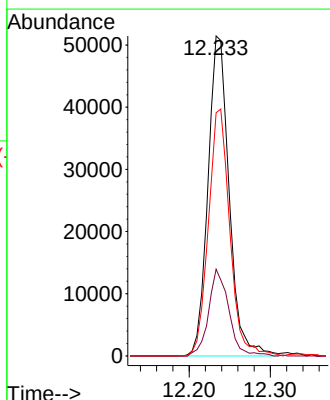
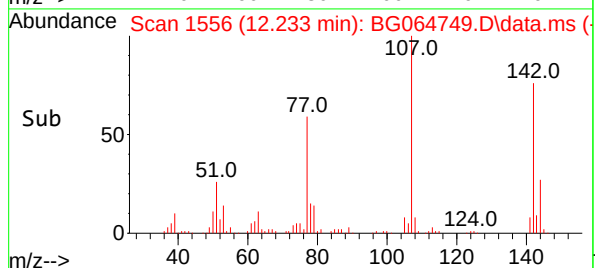
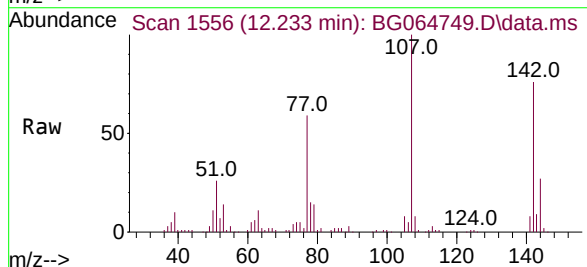
Manual Integrations
APPROVED

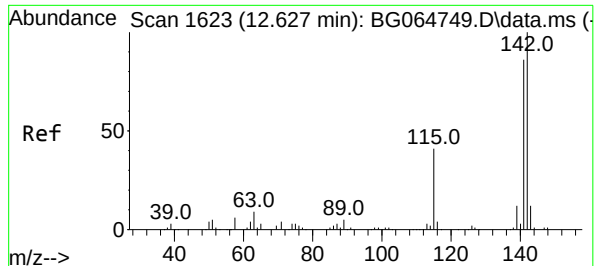
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

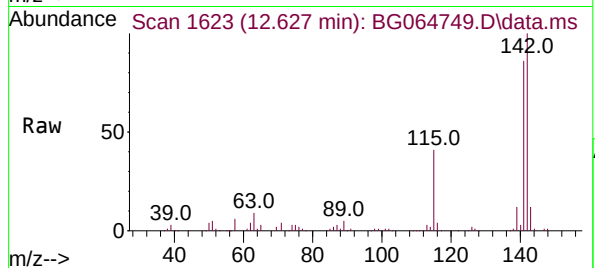
Tgt Ion:107 Resp: 93305
Ion Ratio Lower Upper
107 100
144 27.1 21.7 32.5
142 76.0 60.8 91.2





#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

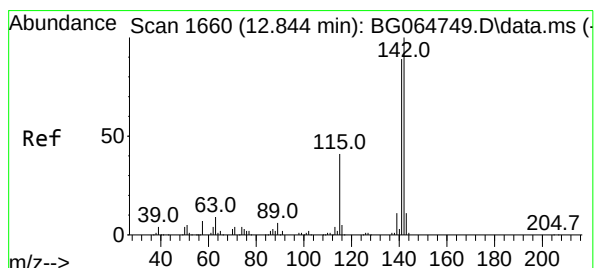
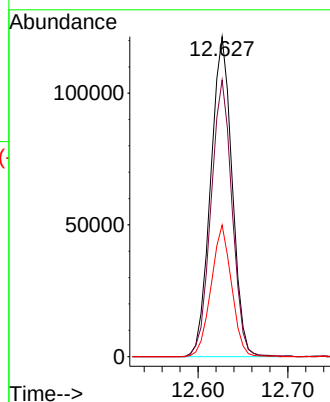
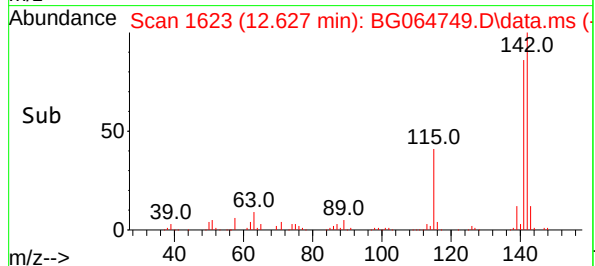
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



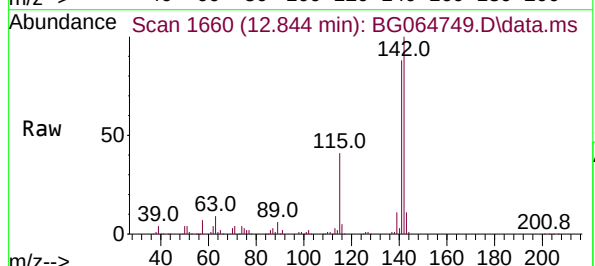
Tgt Ion:142 Resp: 202114
Ion Ratio Lower Upper
142 100
141 86.4 69.1 103.7
115 41.1 32.9 49.3

Manual Integrations
APPROVED

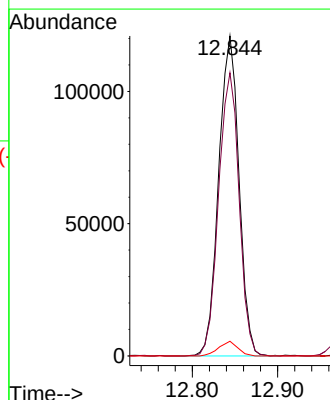
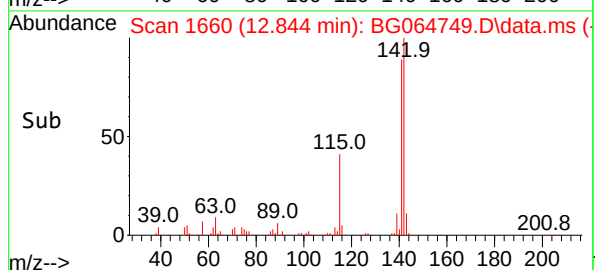
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

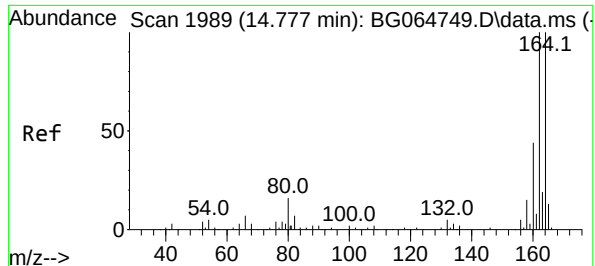


#38
1-Methylnaphthalene
Concen: 39.585 ng
RT: 12.844 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



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

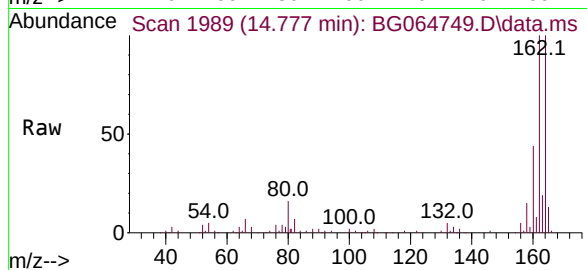
Acq: 12 Nov 2025 14:00

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

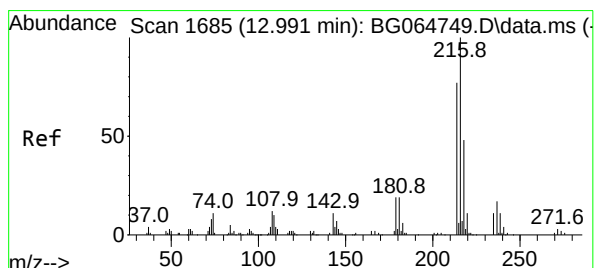
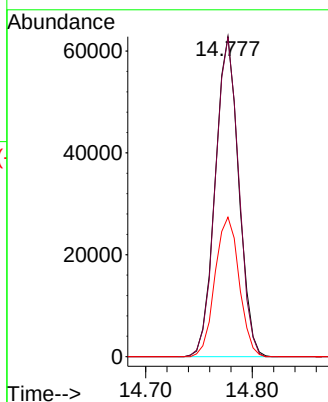
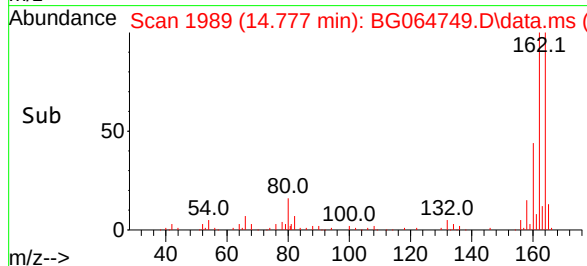


Tgt Ion:	164	Resp:	96177
Ion Ratio	Lower	Upper	
164	100		
162	99.7	79.8	119.6
160	43.6	34.9	52.3

Manual Integrations

APPROVED

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



#40

1,2,4,5-Tetrachlorobenzene

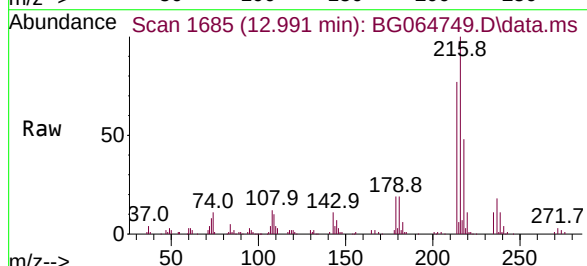
Concen: 40.165 ng

RT: 12.991 min Scan# 1685

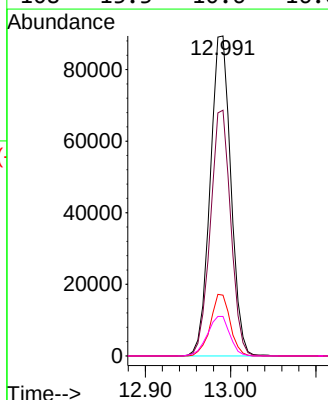
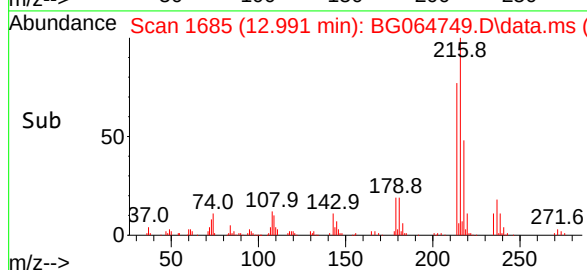
Delta R.T. 0.000 min

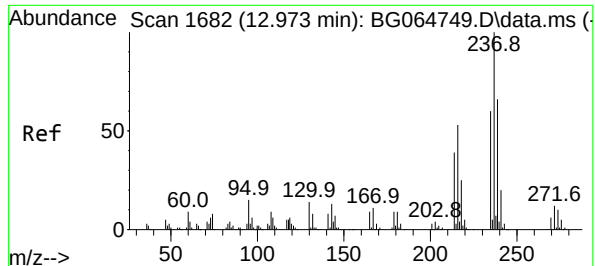
Lab File: BG064749.D

Acq: 12 Nov 2025 14:00



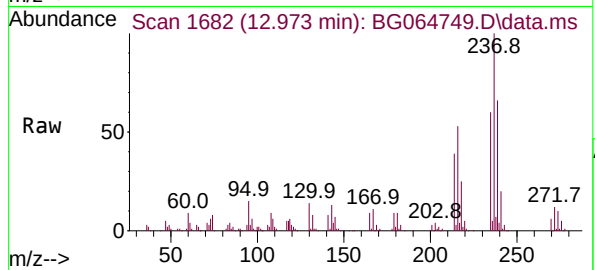
Tgt Ion:	216	Resp:	150333
Ion Ratio	Lower	Upper	
216	100		
214	75.6	60.5	90.7
179	18.4	14.7	22.1
108	13.3	10.6	16.0





#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

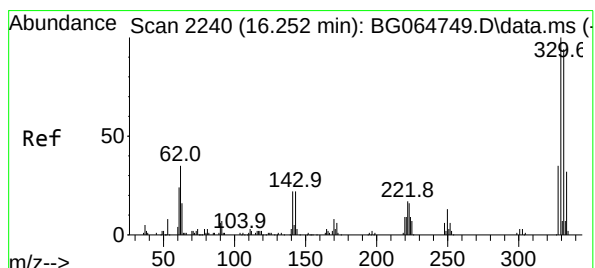
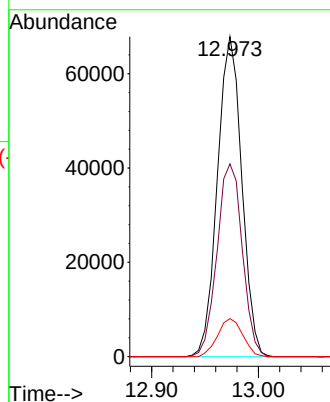
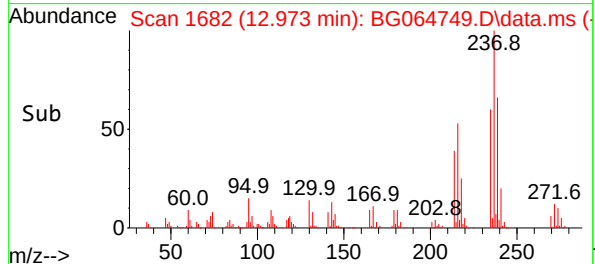
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



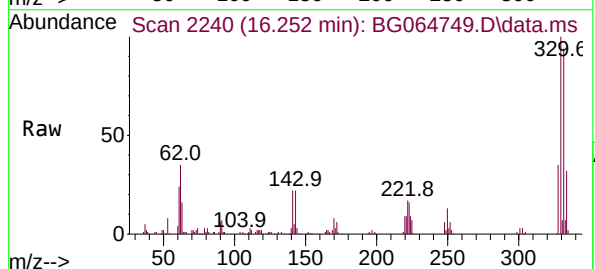
Tgt Ion:237 Resp: 107795
Ion Ratio Lower Upper
237 100
235 60.2 40.2 80.2
272 11.9 0.0 31.9

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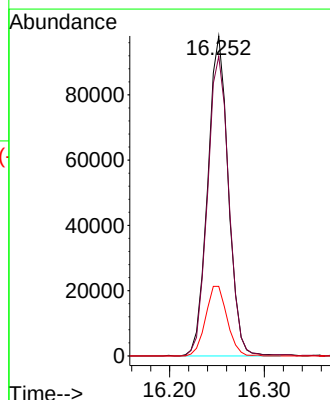
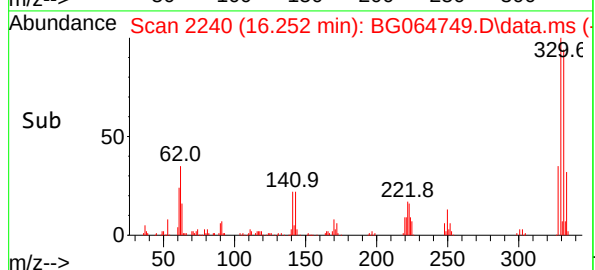
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

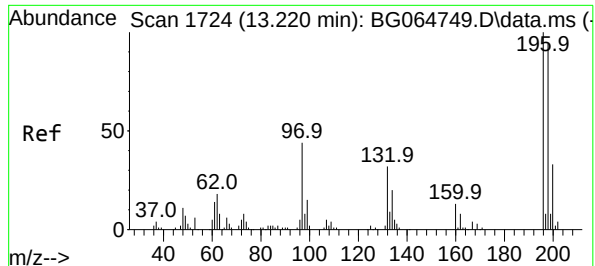


#42
2,4,6-Tribromophenol
Concen: 79.094 ng
RT: 16.252 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



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 :

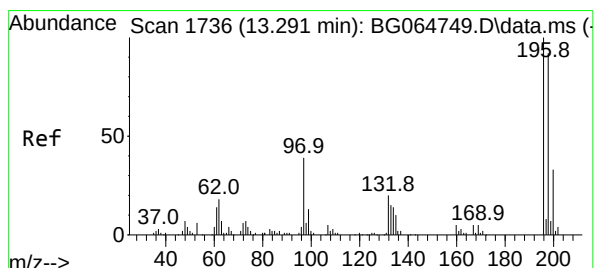
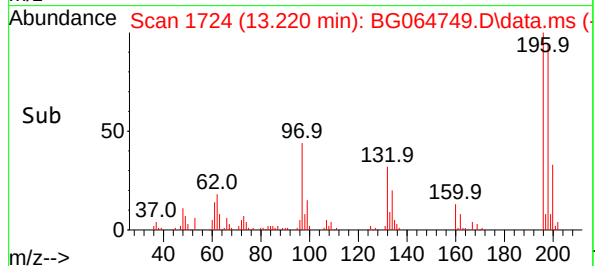
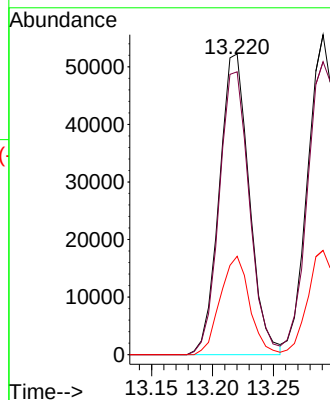
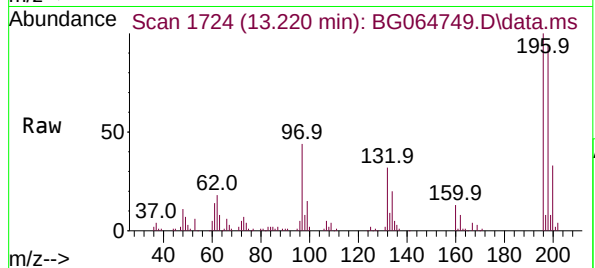
SSTDICCC040

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

Manual Integrations

APPROVED

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



#44

2,4,5-Trichlorophenol

Concen: 40.636 ng

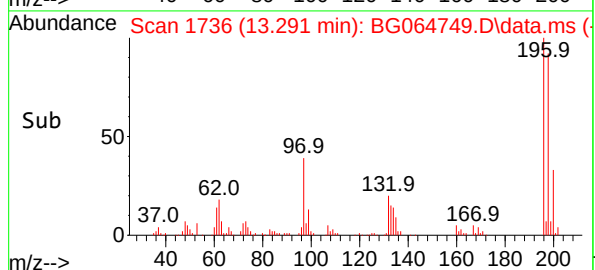
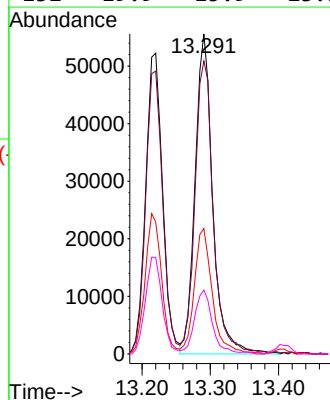
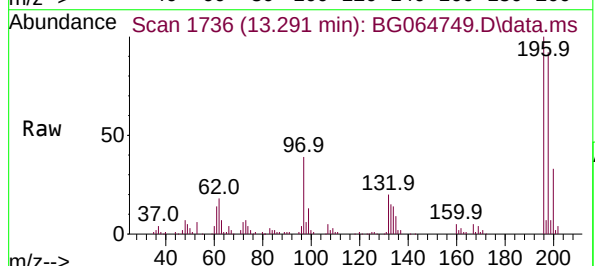
RT: 13.291 min Scan# 1736

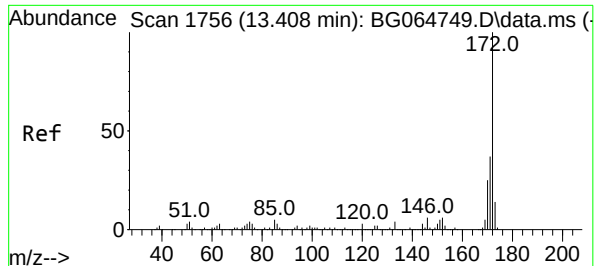
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

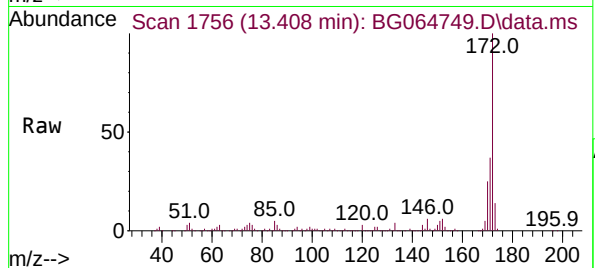
Tgt Ion:	196	Resp:	100121
Ion Ratio	Lower	Upper	
196	100		
198	91.5	73.2	109.8
97	39.2	31.4	47.0
132	19.9	15.9	23.9





#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

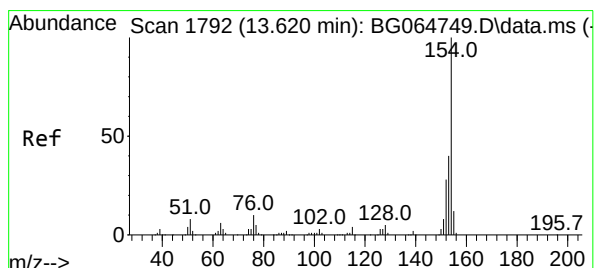
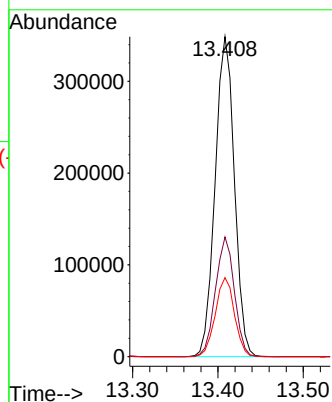
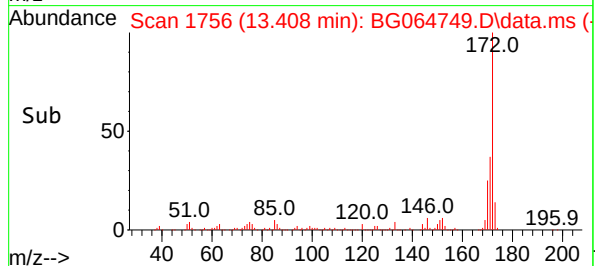
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



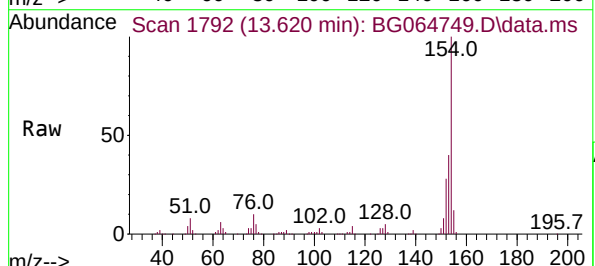
Tgt Ion:172 Resp: 546263
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 24.7 19.8 29.6

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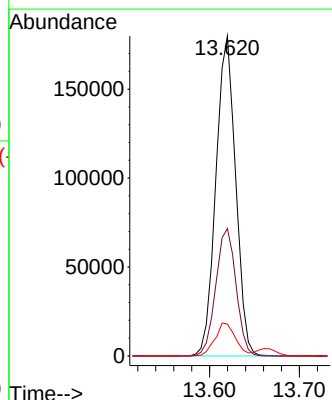
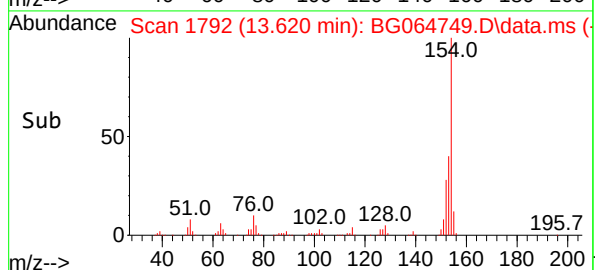
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

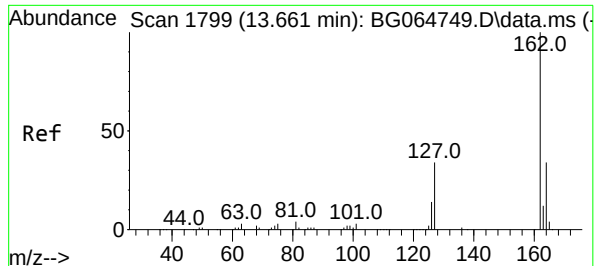


#46
1,1'-Biphenyl
Concen: 39.776 ng
RT: 13.620 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



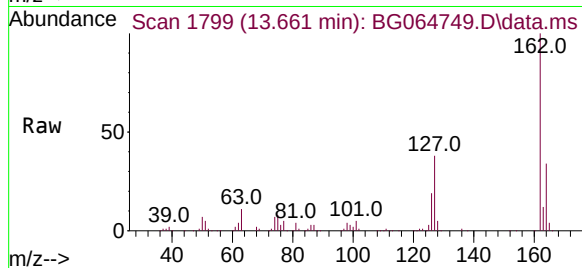
Tgt Ion:154 Resp: 274766
Ion Ratio Lower Upper
154 100
153 39.8 19.8 59.8
76 10.0 0.0 30.0





#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

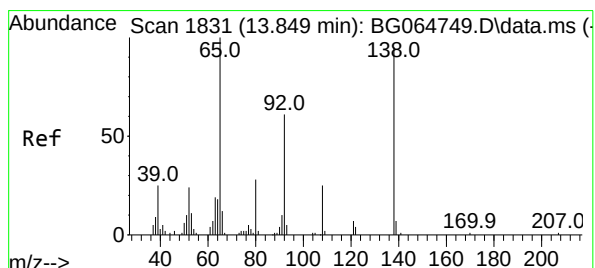
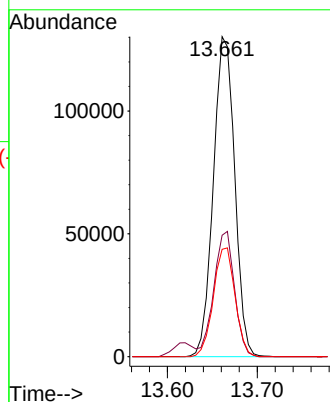
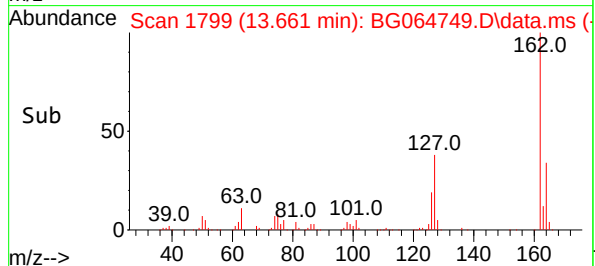
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



Tgt Ion:162 Resp: 215361
Ion Ratio Lower Upper
162 100
127 37.9 30.3 45.5
164 33.5 26.8 40.2

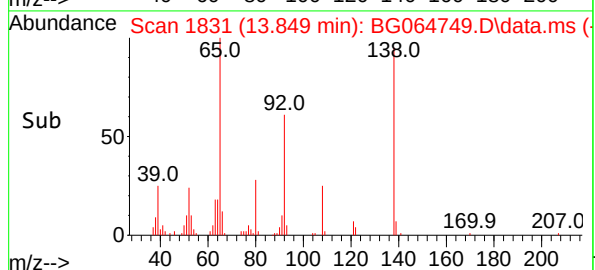
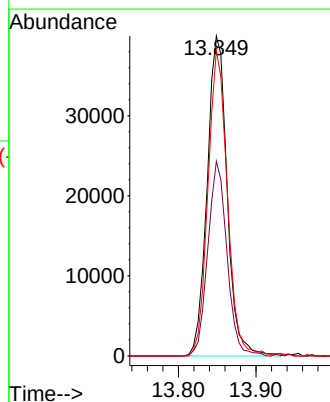
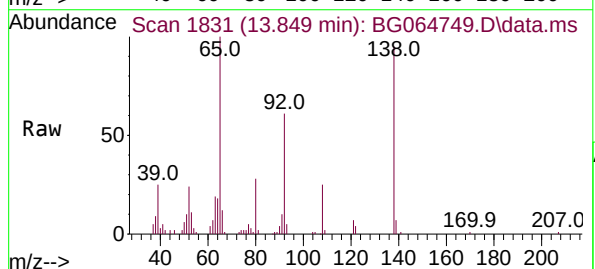
Manual Integrations
APPROVED

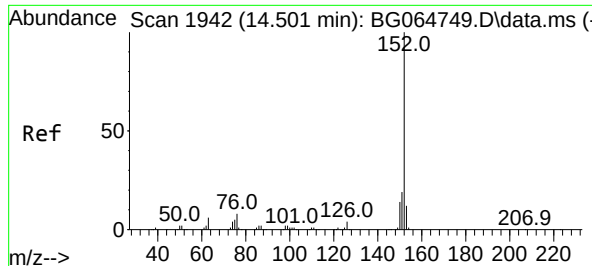
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48
2-Nitroaniline
Concen: 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 :

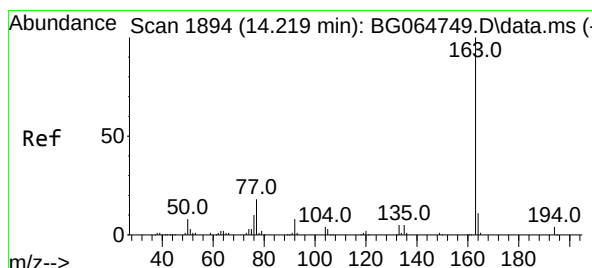
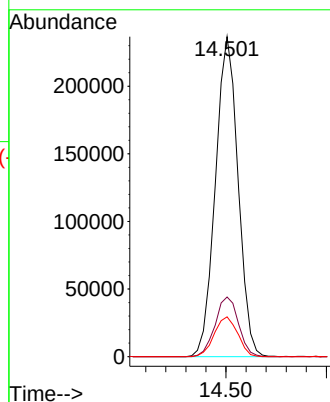
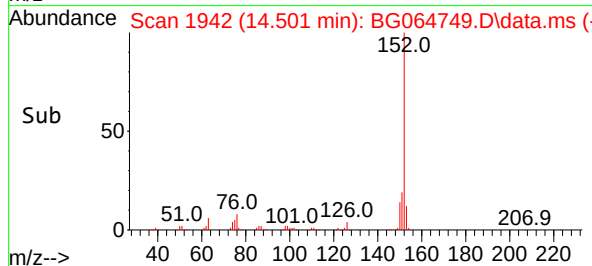
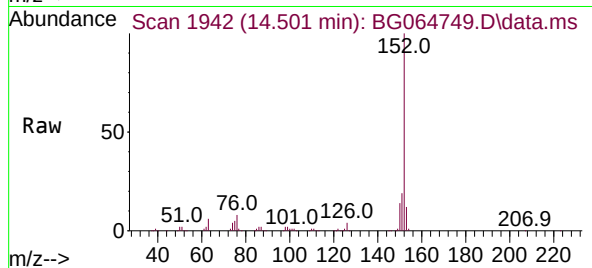
SSTDICCC040

Tgt Ion	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

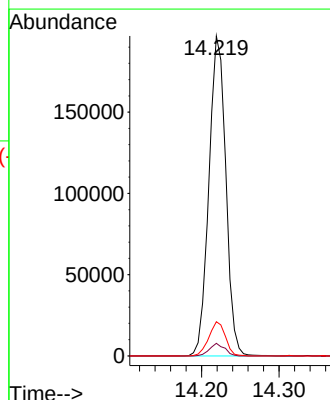
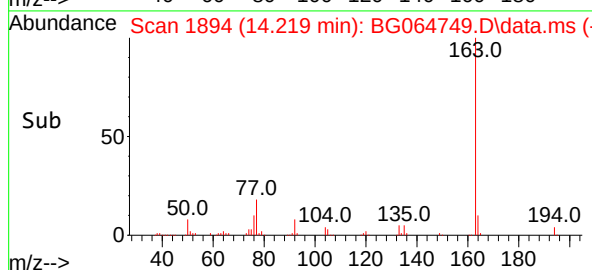
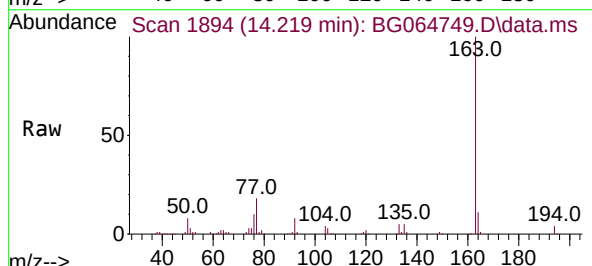
RT: 14.219 min Scan# 1894

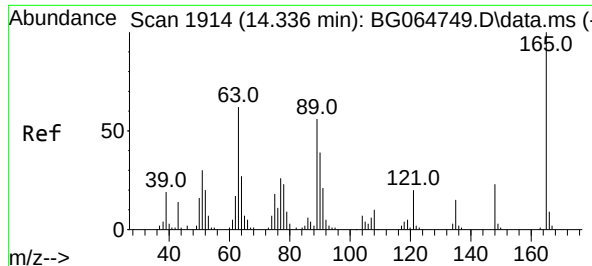
Delta R.T. 0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

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





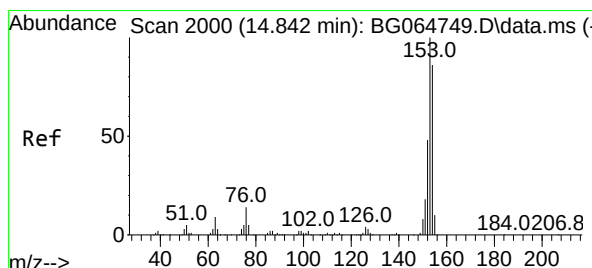
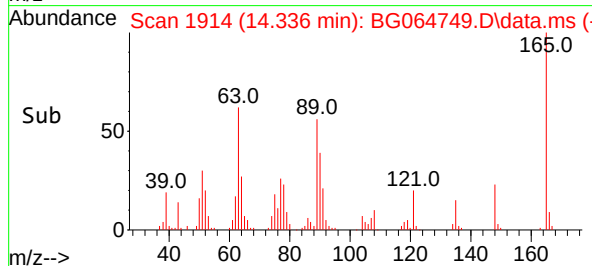
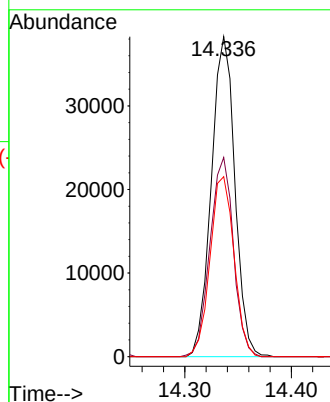
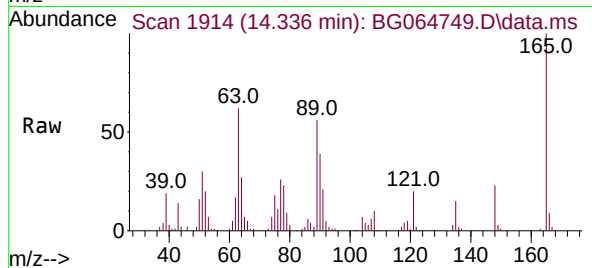
#51
2,6-Dinitrotoluene
Concen: 40.189 ng
RT: 14.336 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

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

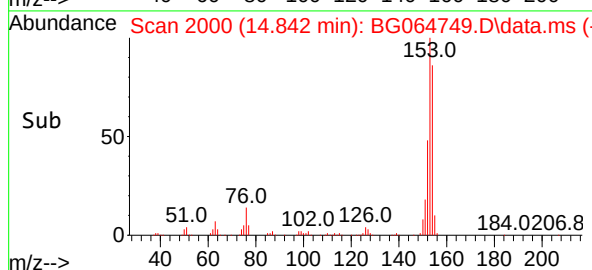
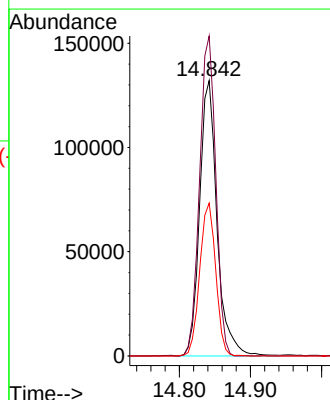
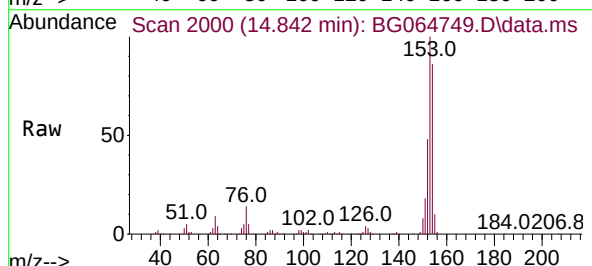
Manual Integrations
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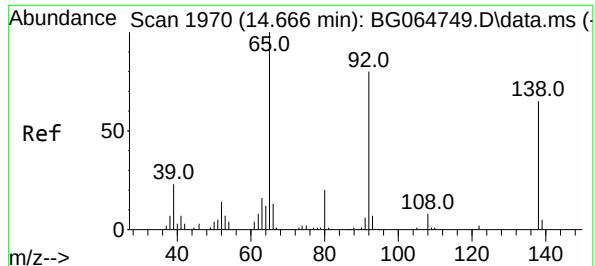
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

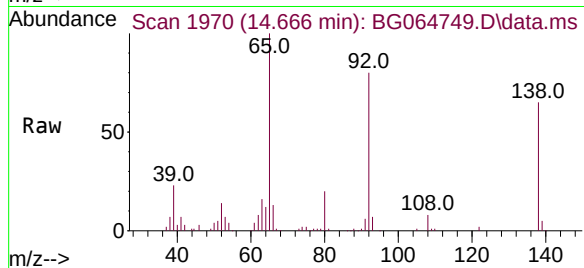
Tgt Ion:154 Resp: 224207
Ion Ratio Lower Upper
154 100
153 116.2 93.0 139.4
152 55.5 44.4 66.6





#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

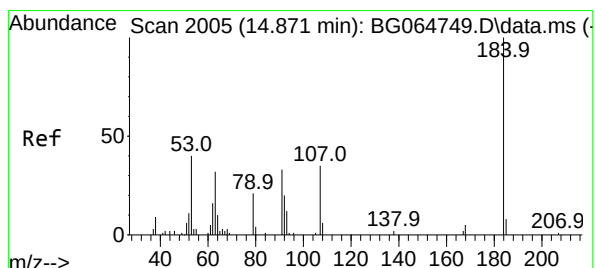
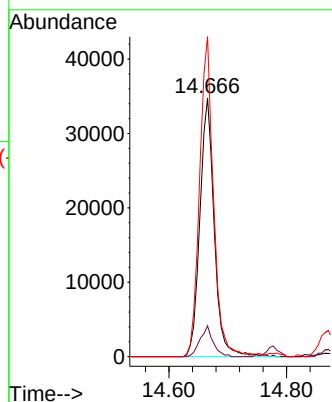
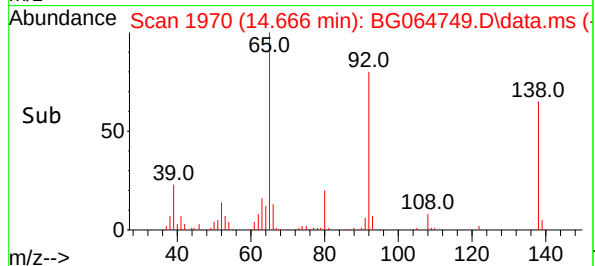
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

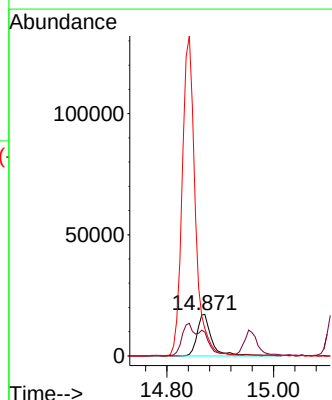
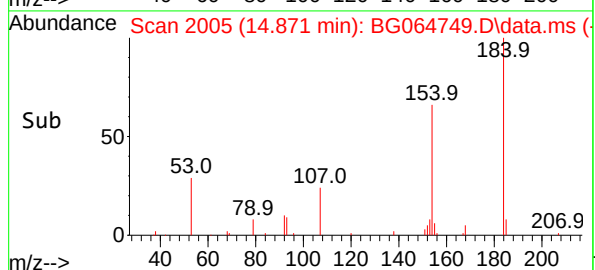
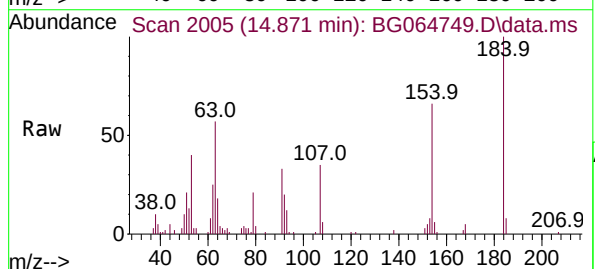
Manual Integrations
APPROVED

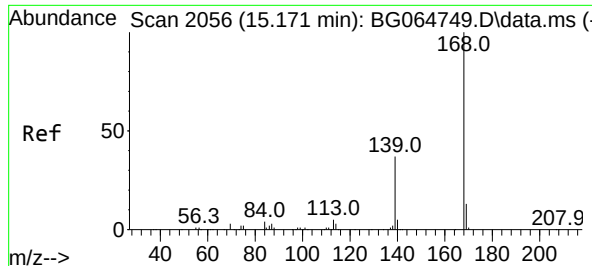
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

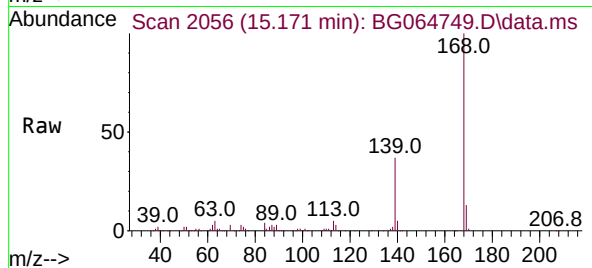
Tgt Ion:184 Resp: 32531
Ion Ratio Lower Upper
184 100
63 57.2 45.8 68.6
154 65.7 52.6 78.8





#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

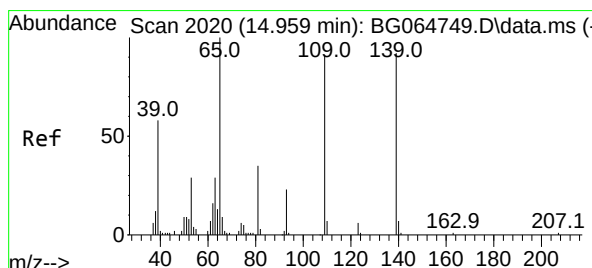
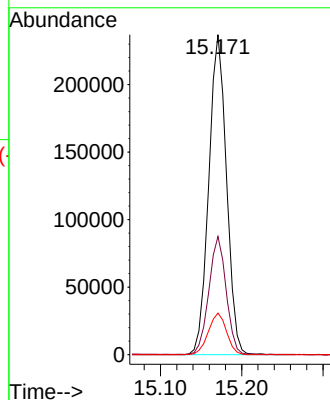
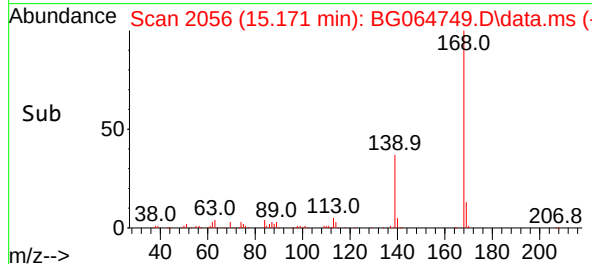
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



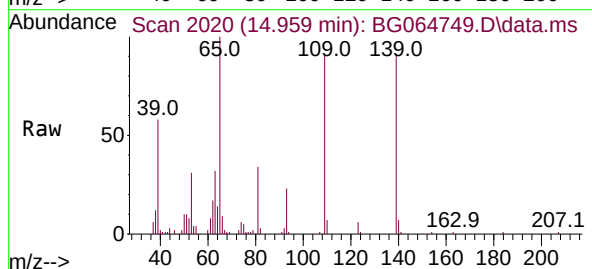
Tgt Ion:168 Resp: 359176
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.0 10.4 15.6

Manual Integrations
APPROVED

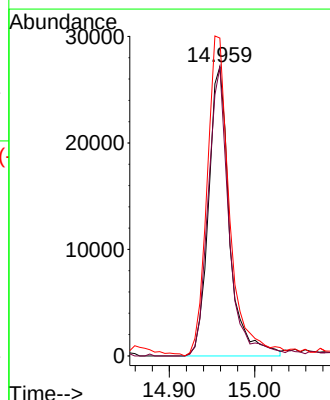
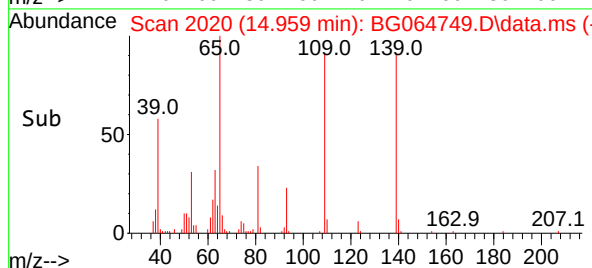
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

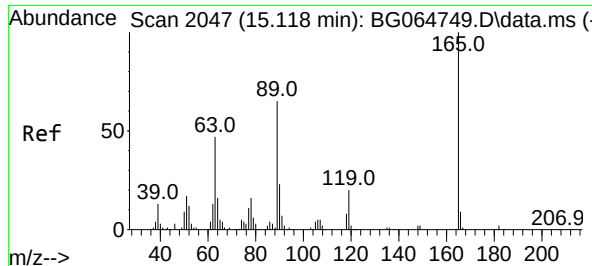


#56
4-Nitrophenol
Concen: 40.555 ng
RT: 14.959 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



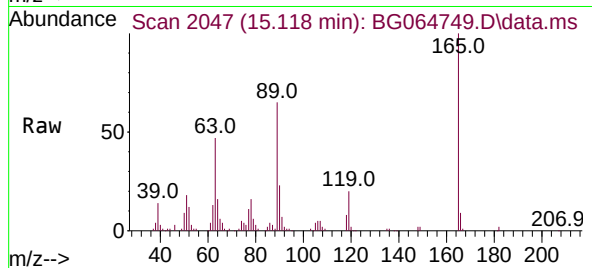
Tgt Ion:139 Resp: 46427
Ion Ratio Lower Upper
139 100
109 99.7 79.7 119.7
65 109.9 89.9 129.9





#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

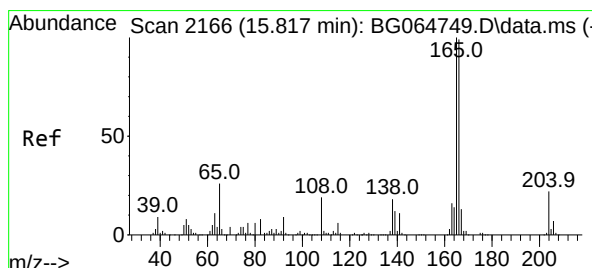
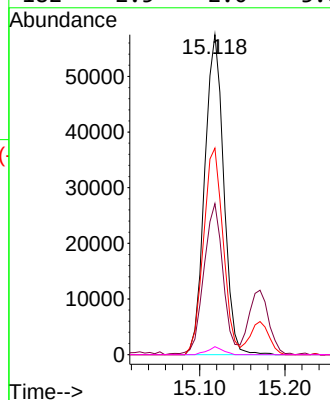
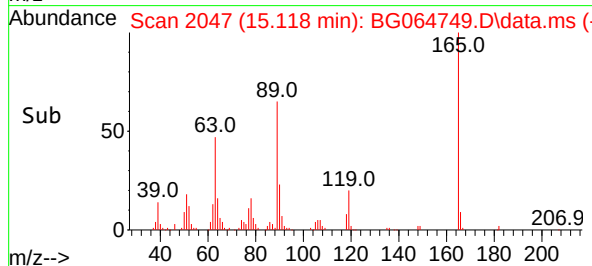
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

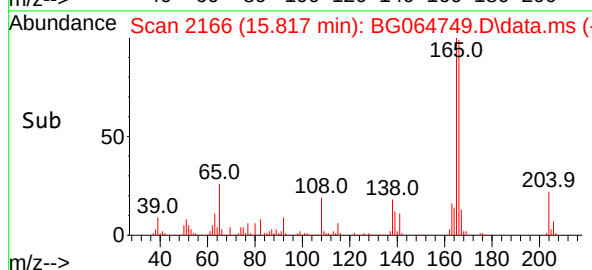
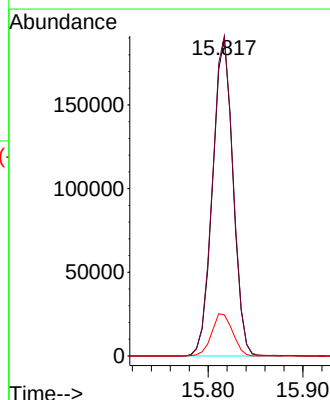
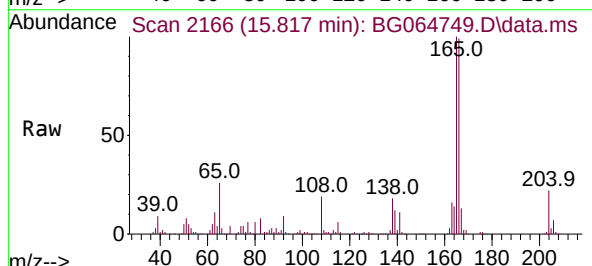
Manual Integrations
APPROVED

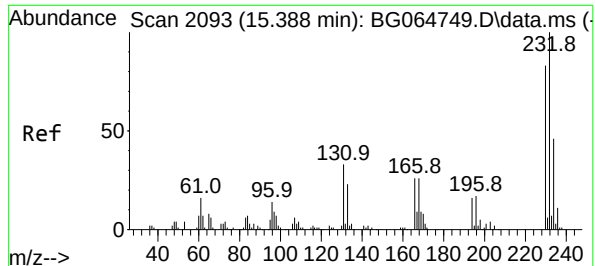
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

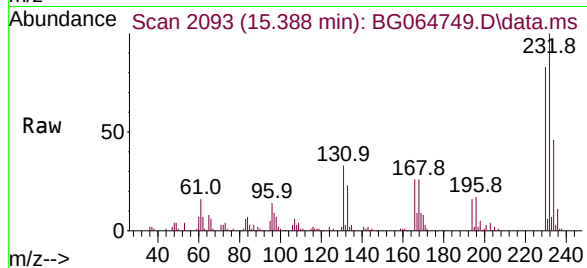
Tgt Ion:166 Resp: 282884
Ion Ratio Lower Upper
166 100
165 100.6 80.5 120.7
167 12.9 10.3 15.5





#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

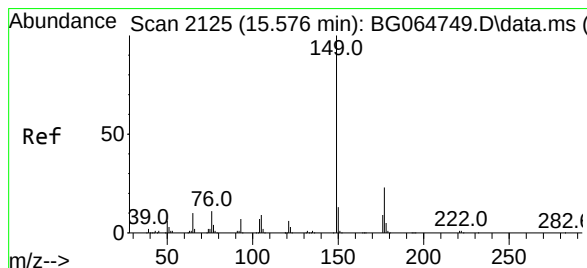
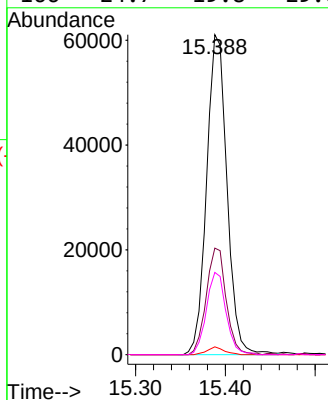
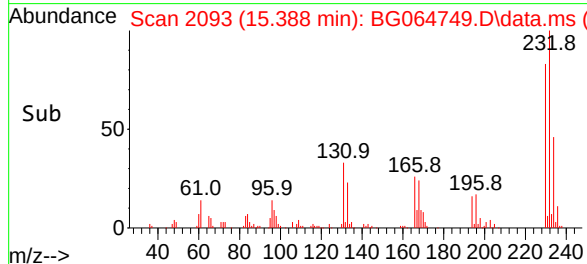
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



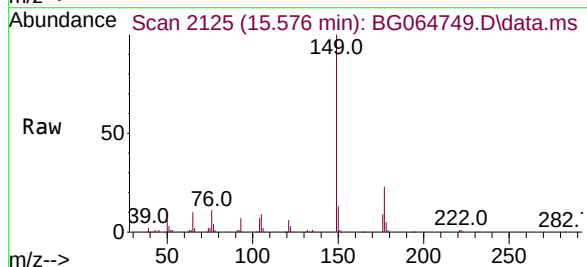
Tgt Ion:232 Resp: 96448
Ion Ratio Lower Upper
232 100
131 32.5 26.0 39.0
130 2.0 1.6 2.4
166 24.7 19.8 29.6

Manual Integrations
APPROVED

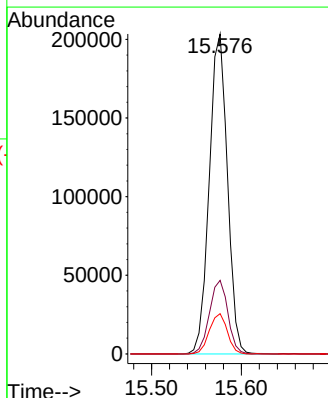
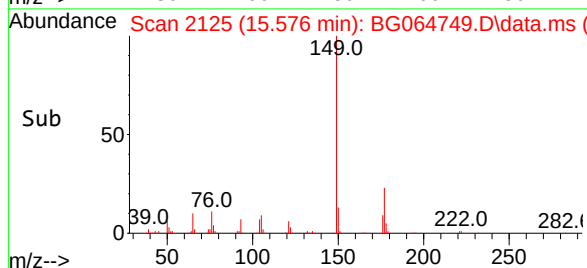
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

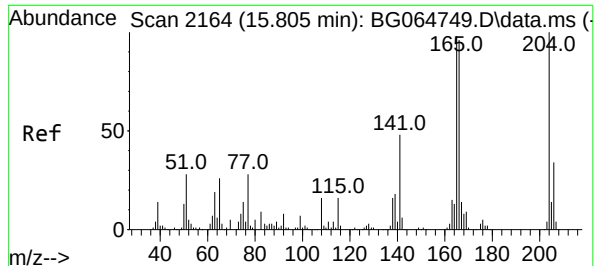


#60
Diethylphthalate
Concen: 39.444 ng
RT: 15.576 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



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





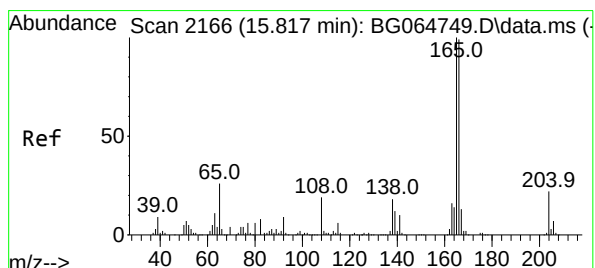
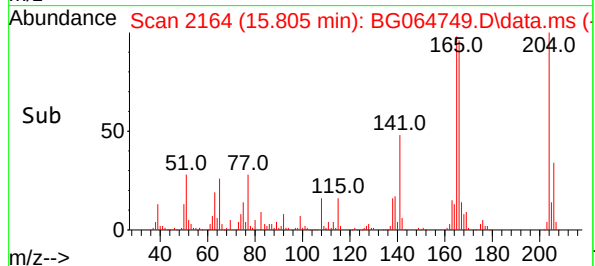
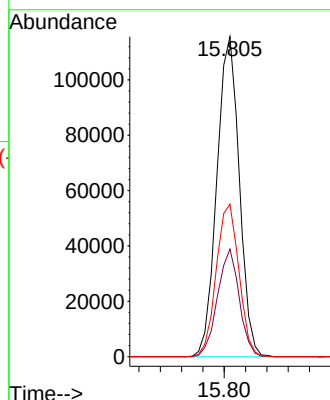
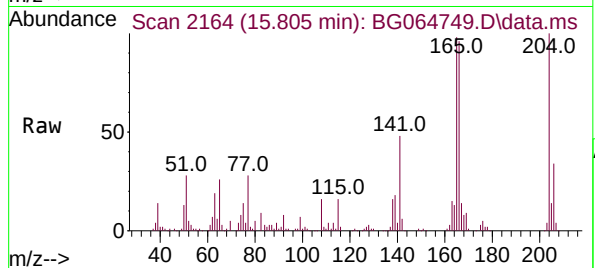
#61
4-Chlorophenyl-phenylether
Concen: 39.017 ng
RT: 15.805 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

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

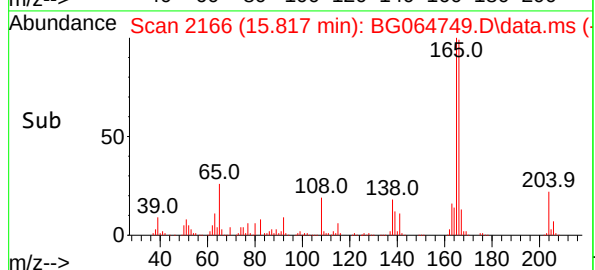
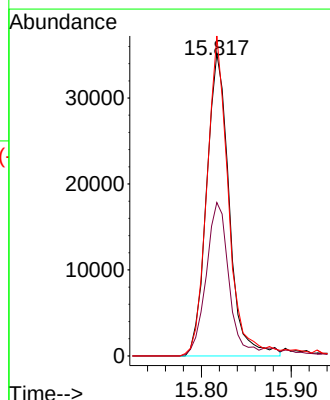
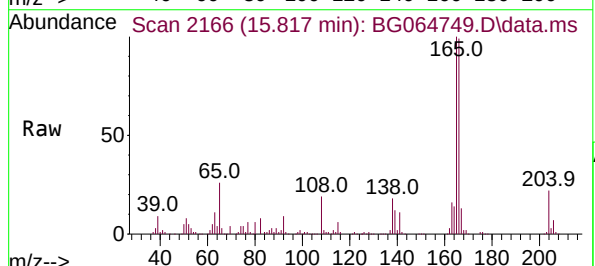
Manual Integrations
APPROVED

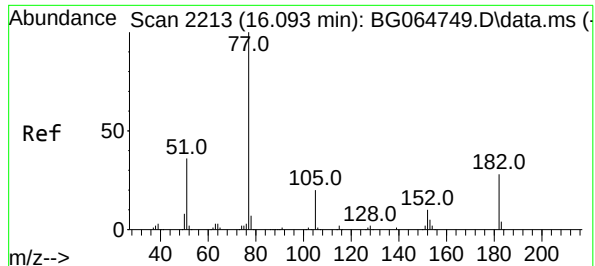
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

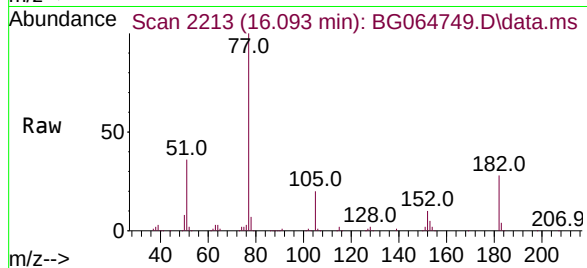
Tgt Ion:138 Resp: 61547
Ion Ratio Lower Upper
138 100
92 50.7 30.7 70.7
108 105.7 85.7 125.7





#63
Azobenzene
Concen: 39.248 ng
RT: 16.093 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

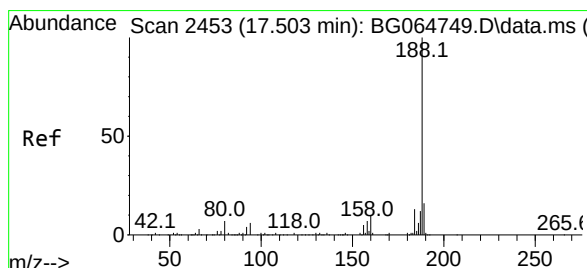
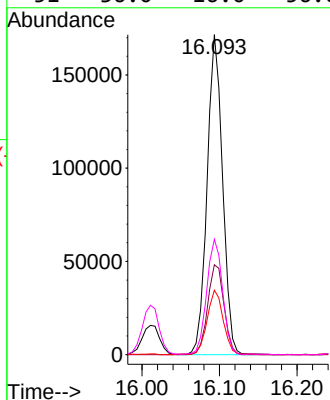
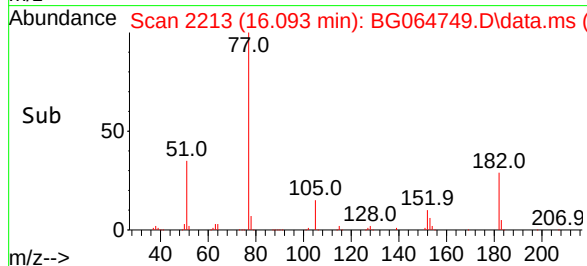
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



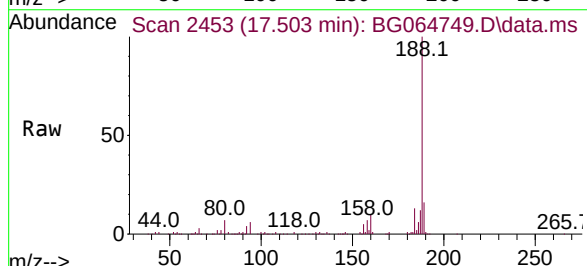
Tgt Ion: 77 Resp: 237589
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 20.1 0.1 40.1
51 36.0 16.0 56.0

Manual Integrations
APPROVED

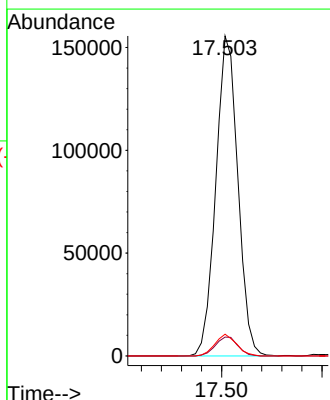
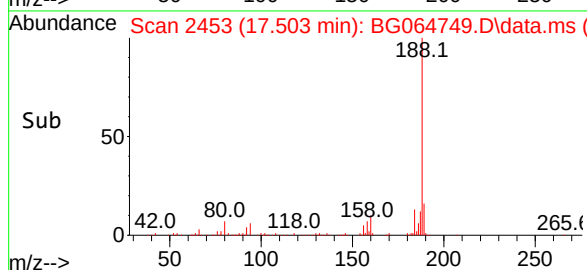
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

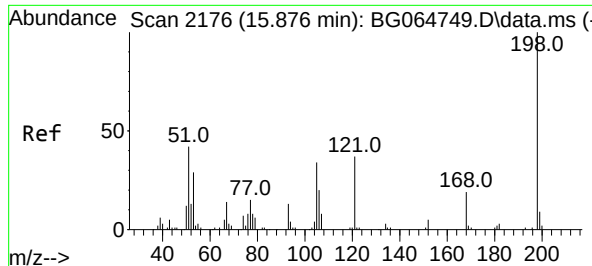


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



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





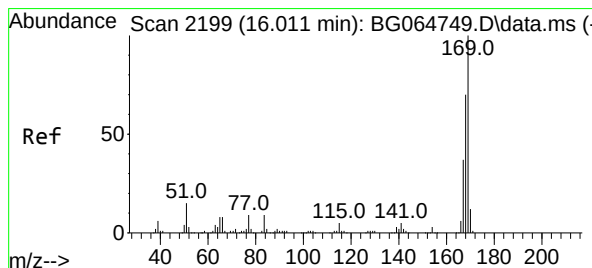
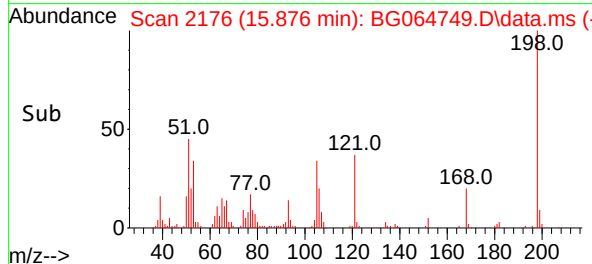
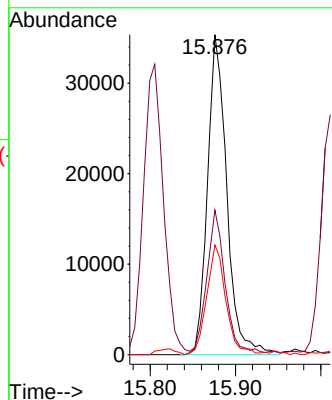
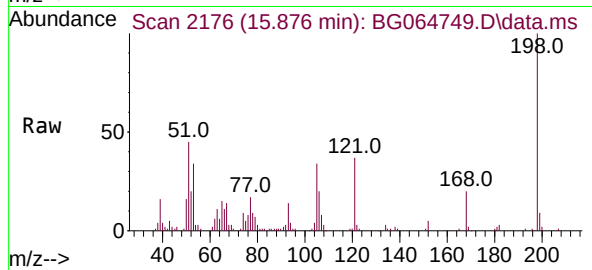
#65
4,6-Dinitro-2-methylphenol
Concen: 42.097 ng
RT: 15.876 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00

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

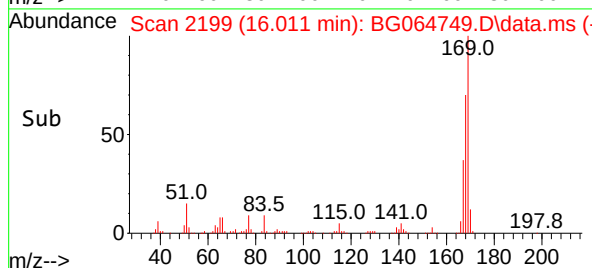
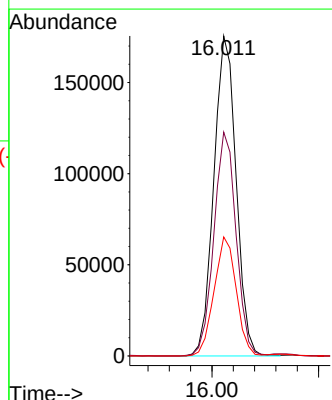
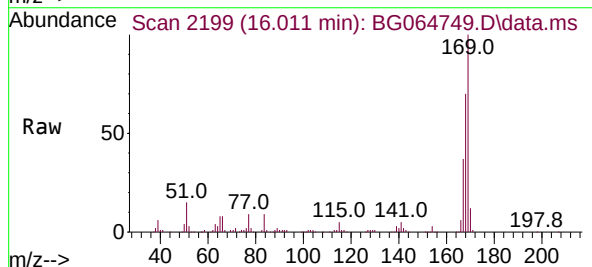
Manual Integrations
APPROVED

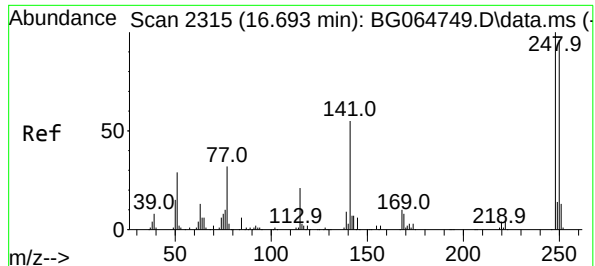
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

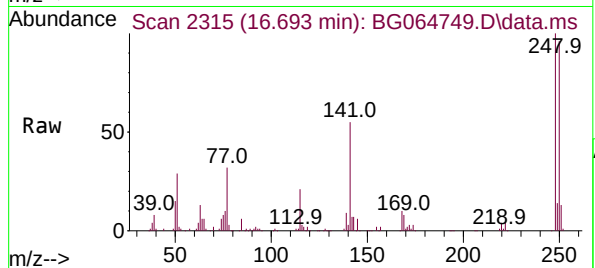
Tgt Ion:169 Resp: 255647
Ion Ratio Lower Upper
169 100
168 69.9 55.9 83.9
167 37.2 29.8 44.6





#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

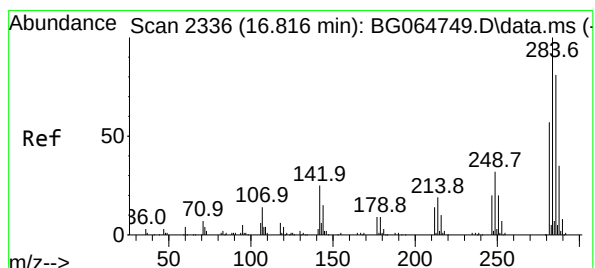
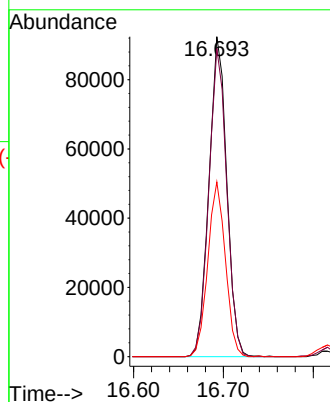
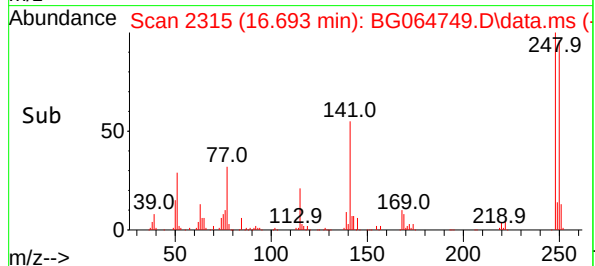
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



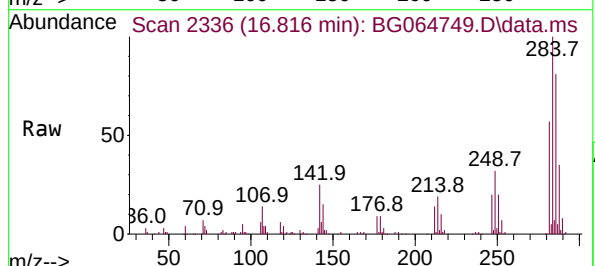
Tgt Ion:248 Resp: 127918
Ion Ratio Lower Upper
248 100
250 96.3 77.0 115.6
141 54.6 43.7 65.5

Manual Integrations
APPROVED

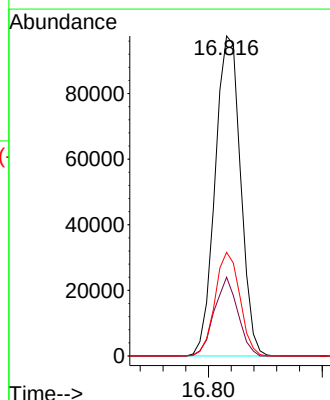
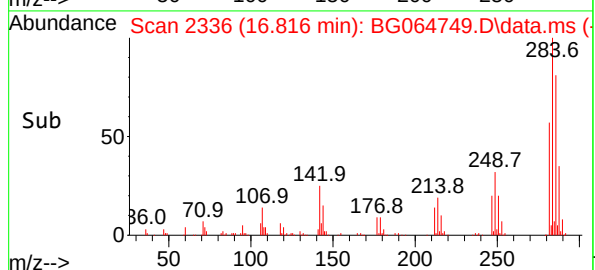
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

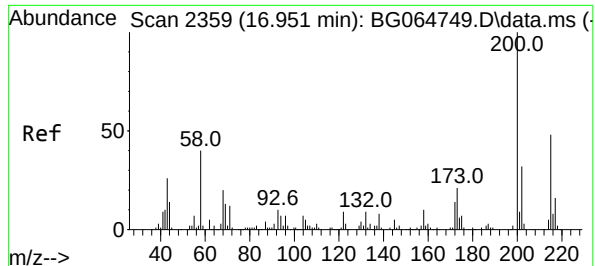


#68
Hexachlorobenzene
Concen: 40.195 ng
RT: 16.816 min Scan# 2336
Delta R.T. 0.000 min
Lab File: BG064749.D
Acq: 12 Nov 2025 14:00



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 :

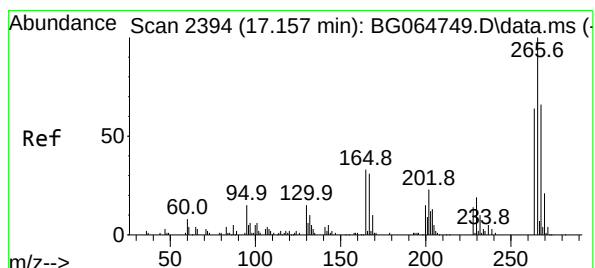
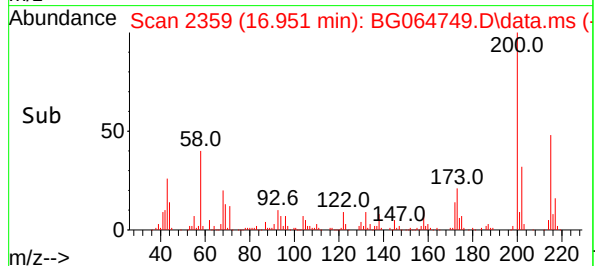
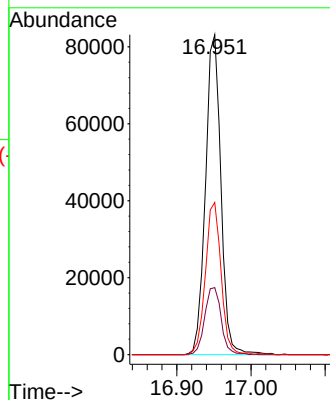
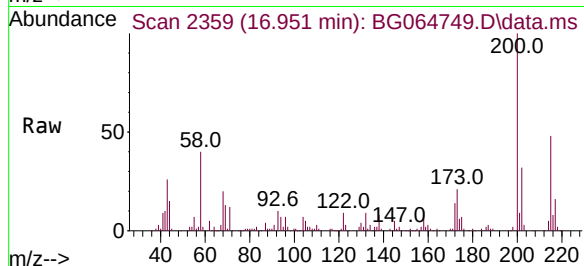
SSTDICCC040

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

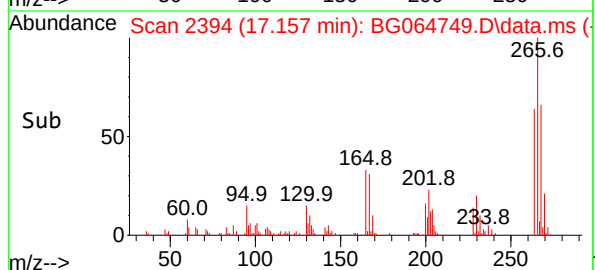
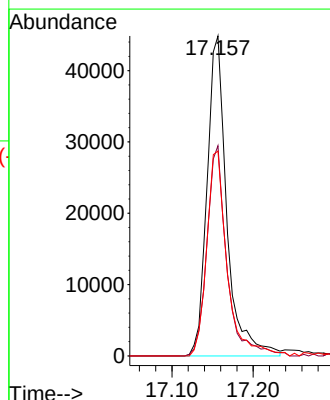
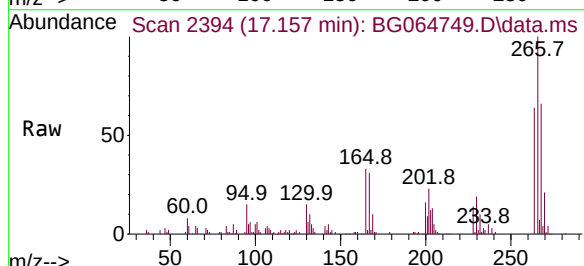
RT: 17.157 min Scan# 2394

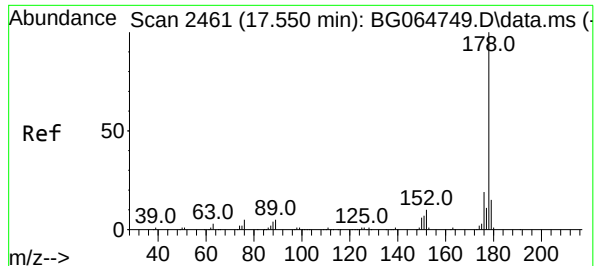
Delta R.T. -0.000 min

Lab File: BG064749.D

Acq: 12 Nov 2025 14:00

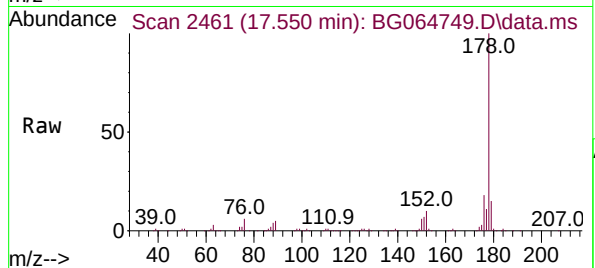
Tgt Ion	266	Resp	76096
Ion Ratio	Lower	Upper	
266	100		
268	70.1	56.1	84.1
264	64.0	51.2	76.8





#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

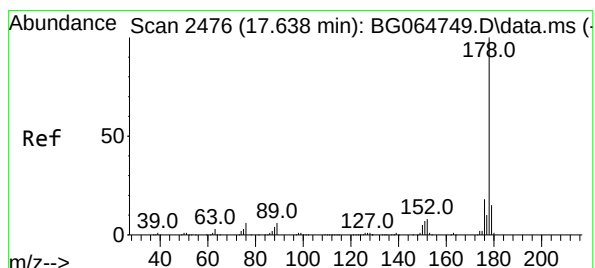
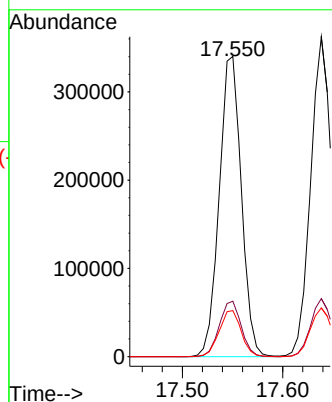
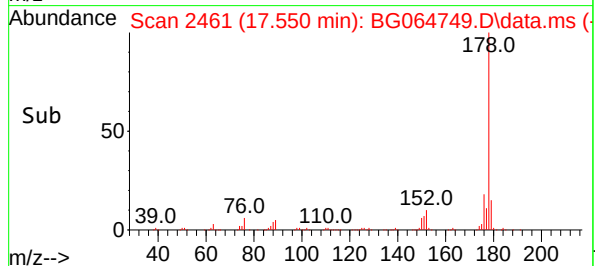
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

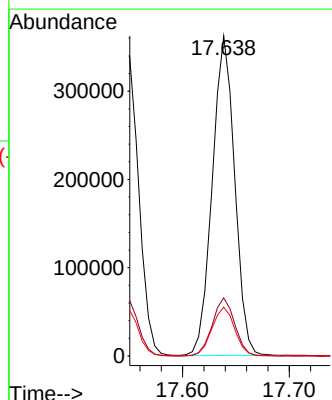
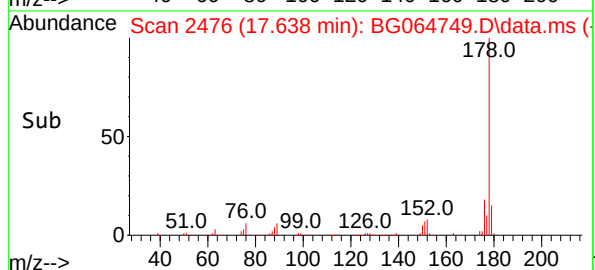
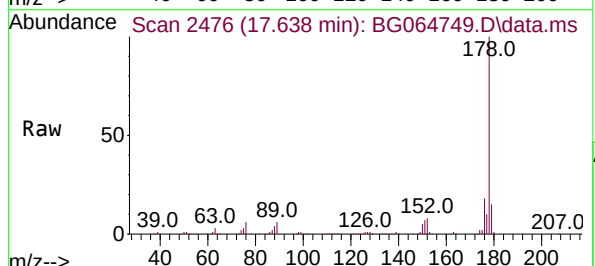
Manual Integrations
APPROVED

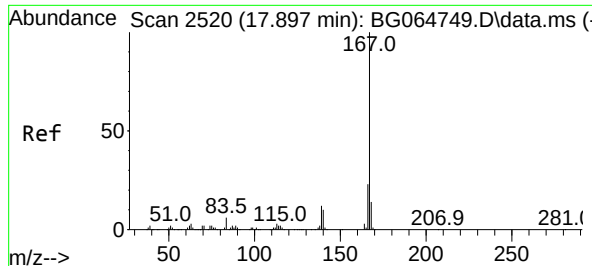
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

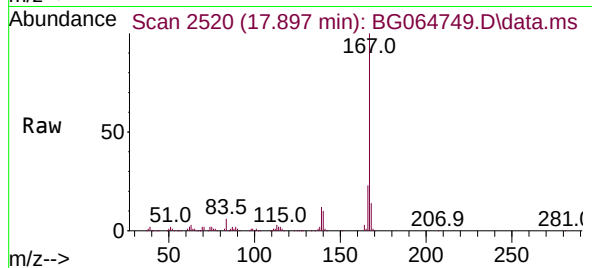
Tgt Ion:178 Resp: 528364
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.3 12.2 18.4





#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

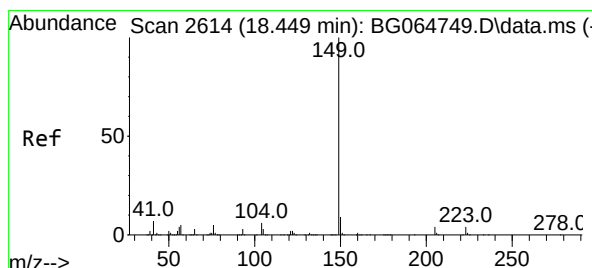
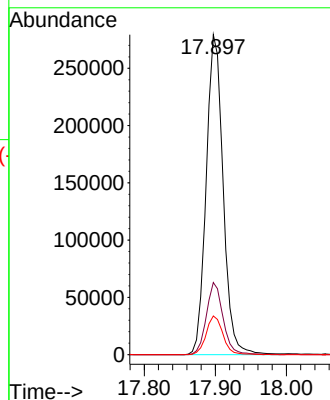
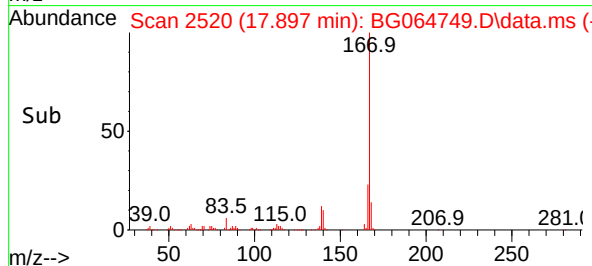
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

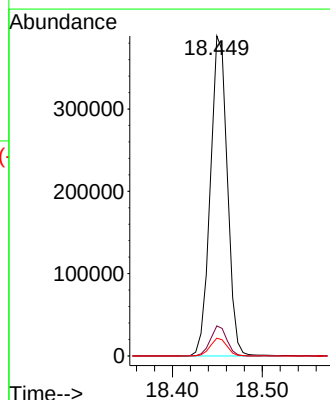
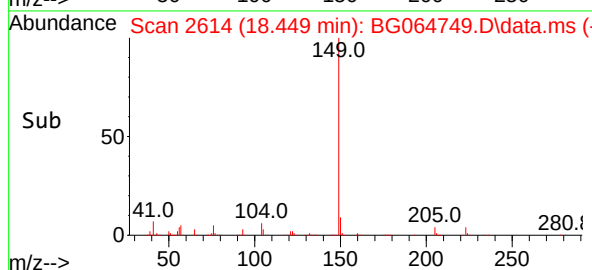
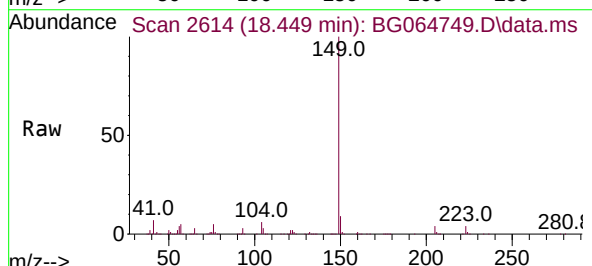
Manual Integrations
APPROVED

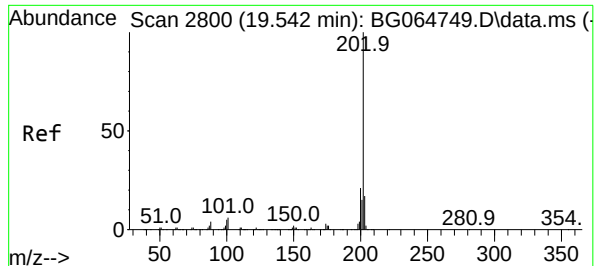
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

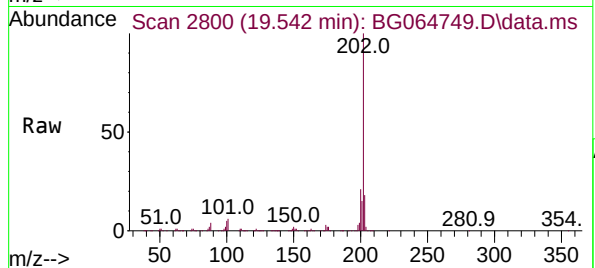
Tgt Ion:149 Resp: 511236
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.5 4.4 6.6





#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

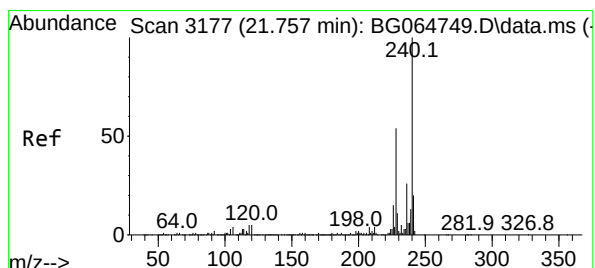
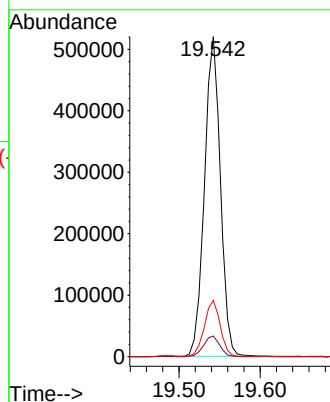
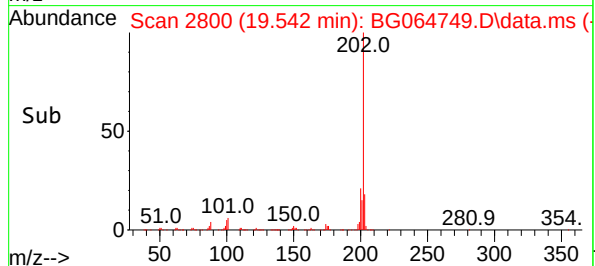
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

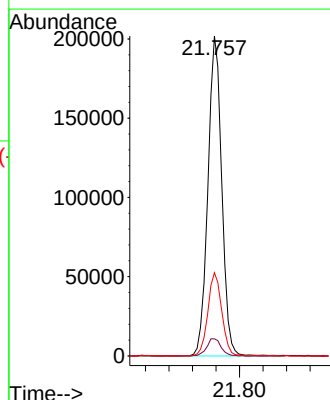
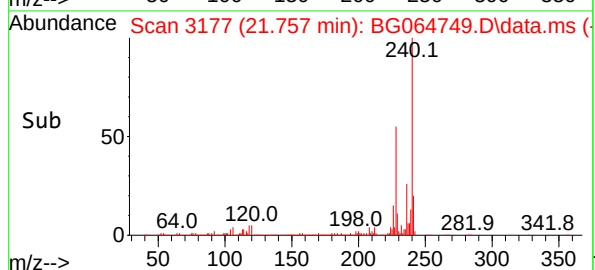
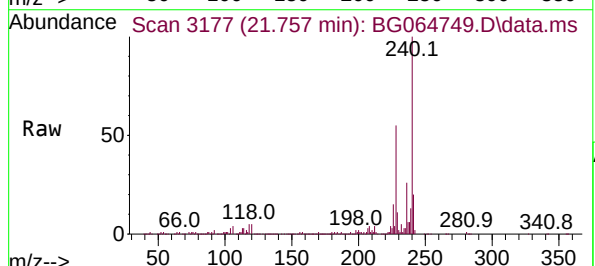
Manual Integrations
APPROVED

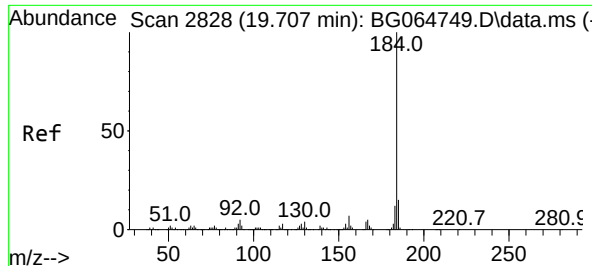
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

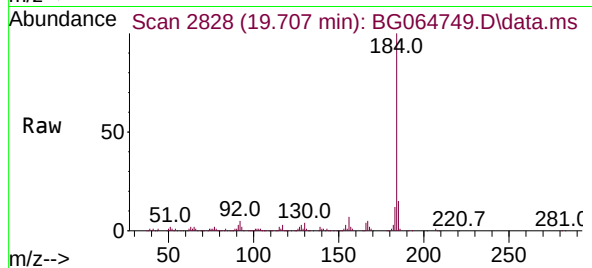
Tgt Ion:240 Resp: 329177
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.4
236 26.0 20.8 31.2





#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

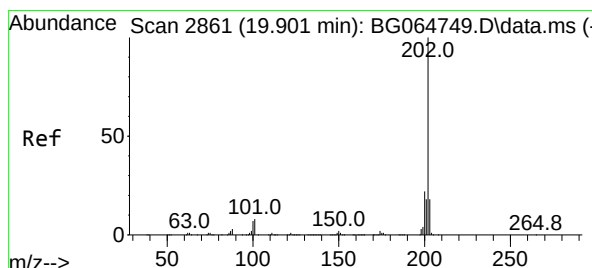
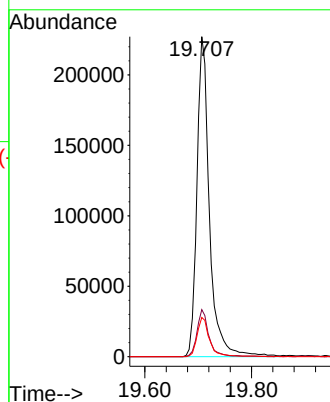
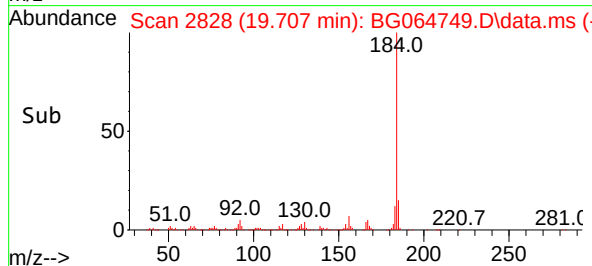
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

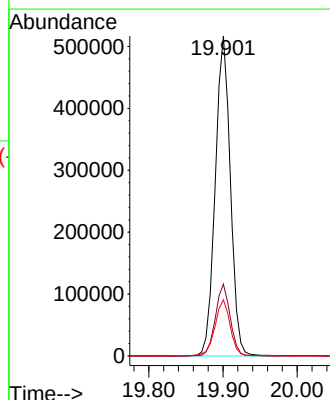
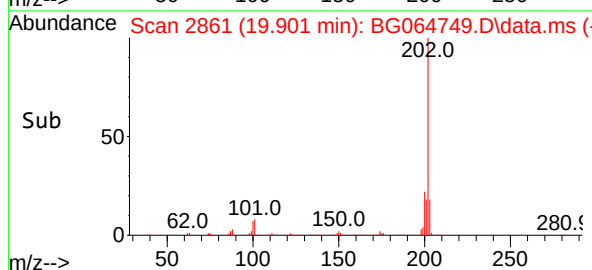
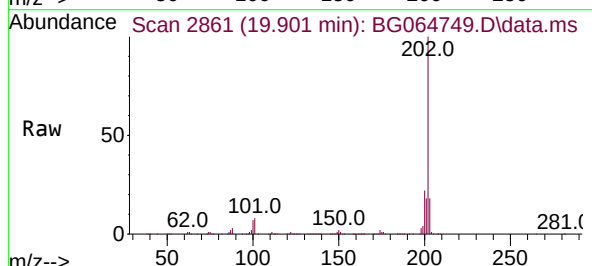
Manual Integrations
APPROVED

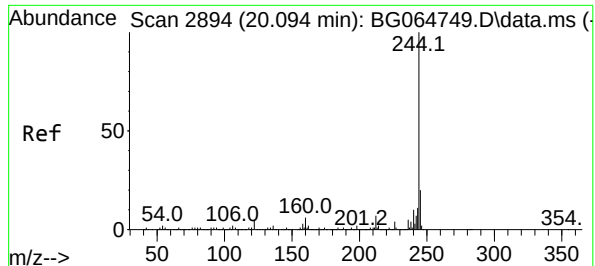
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

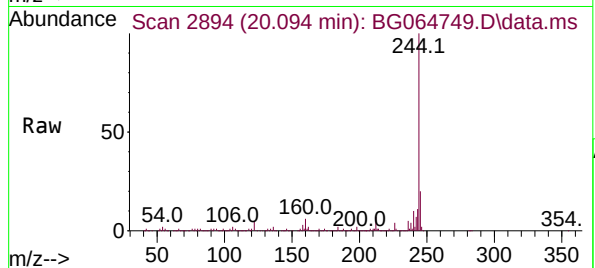
Tgt Ion:202 Resp: 731495
Ion Ratio Lower Upper
202 100
200 22.4 17.9 26.9
203 17.5 14.0 21.0





#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

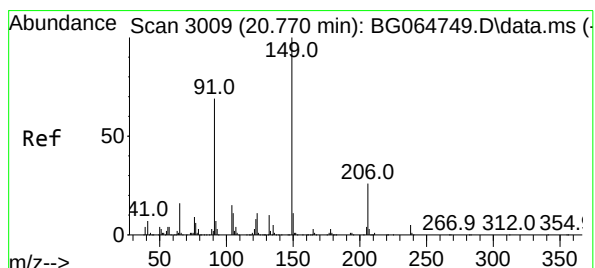
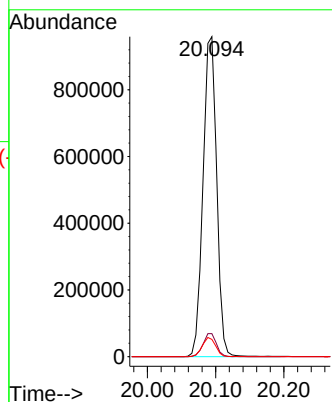
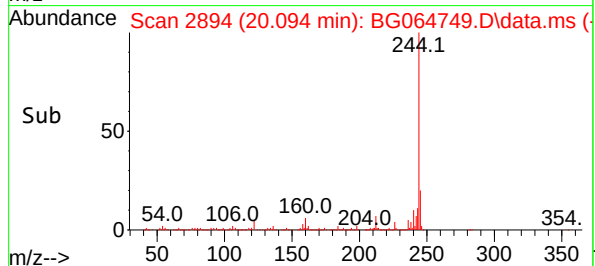
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

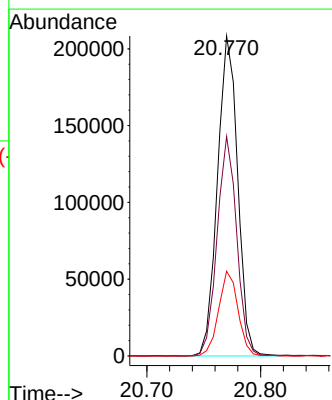
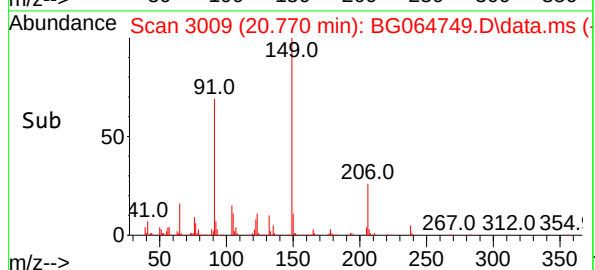
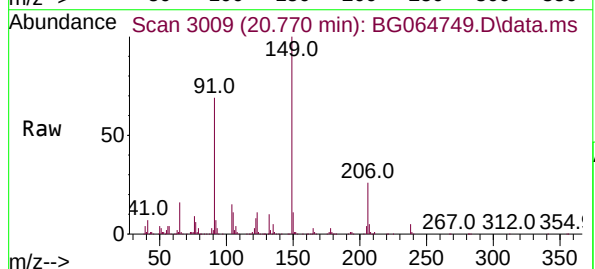
Manual Integrations
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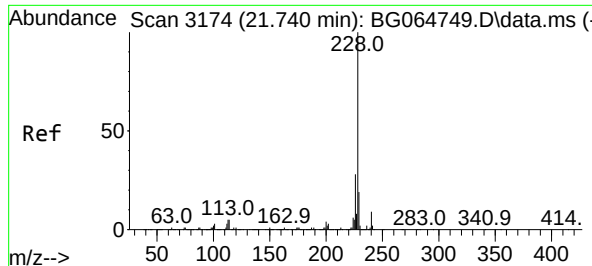
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

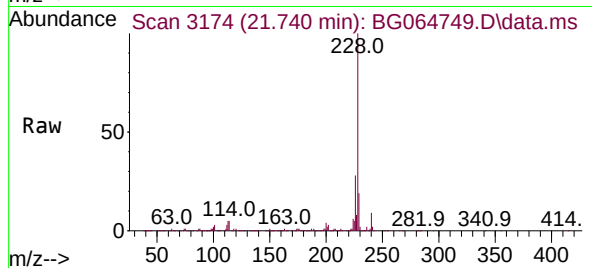
Tgt Ion:149 Resp: 257466
Ion Ratio Lower Upper
149 100
91 68.6 54.9 82.3
206 26.5 21.2 31.8





#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

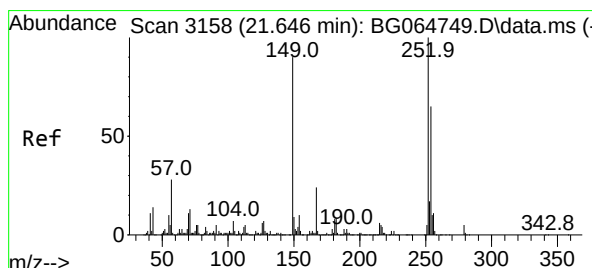
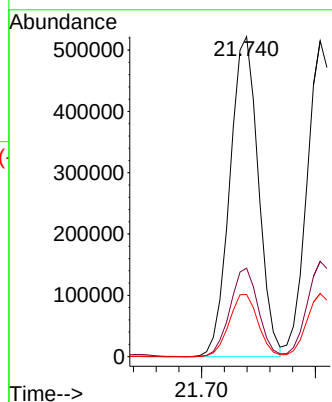
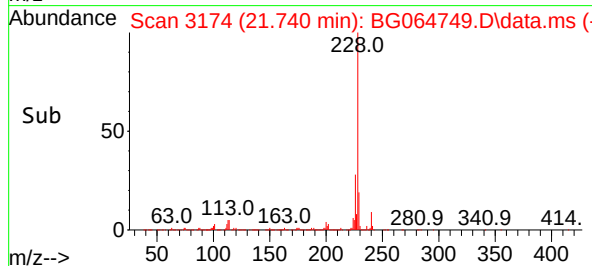
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

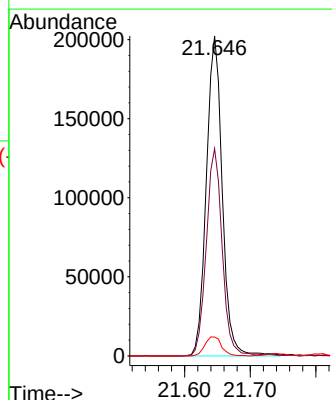
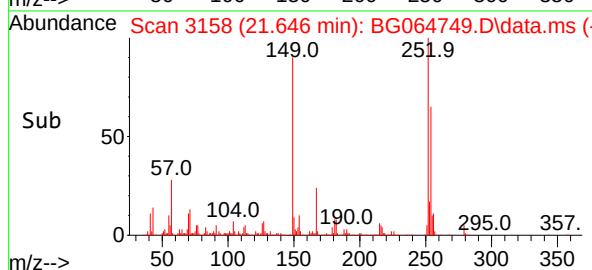
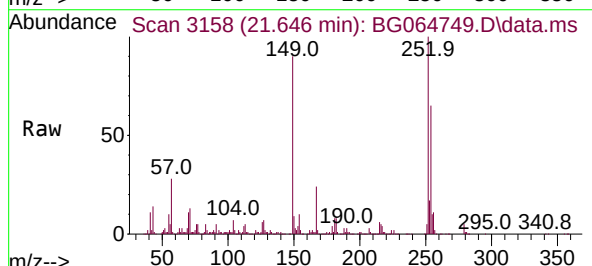
Manual Integrations
APPROVED

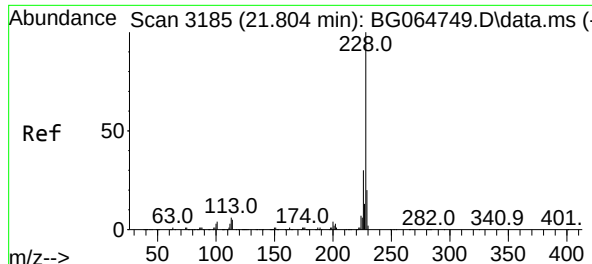
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

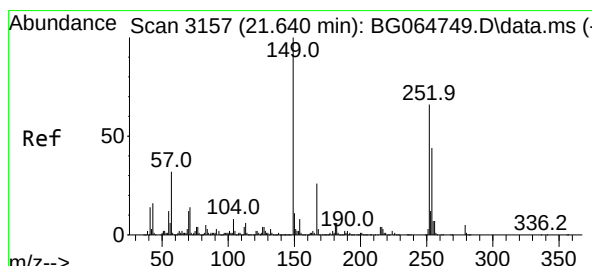
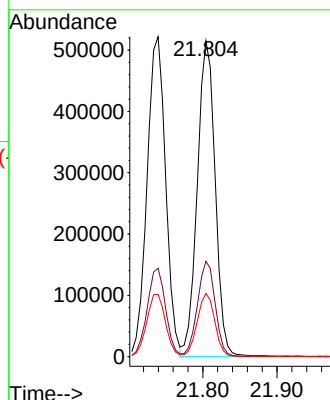
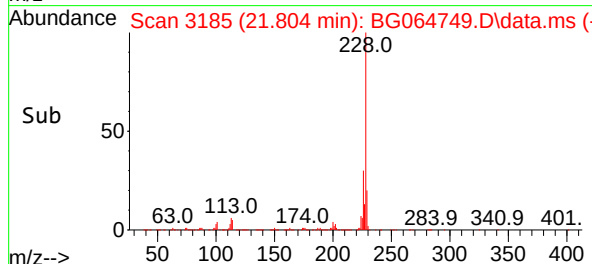
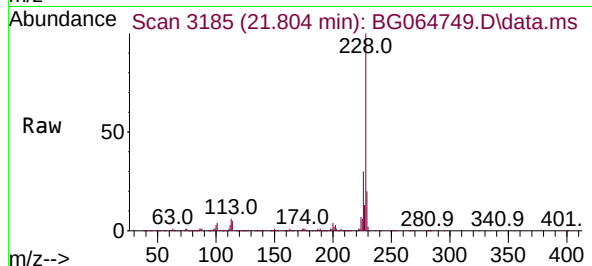
229 20.0 16.0 24.0

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

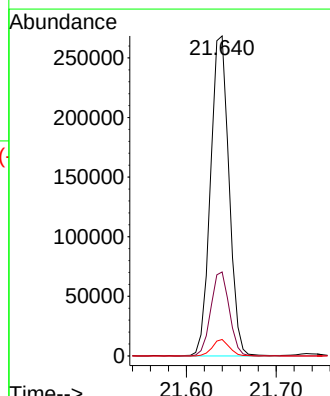
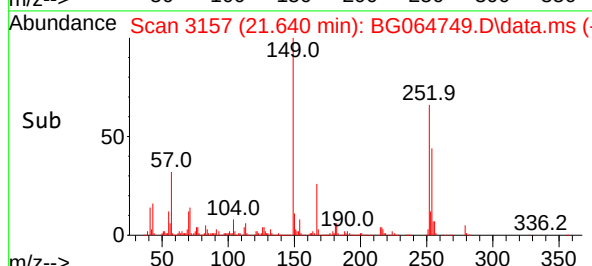
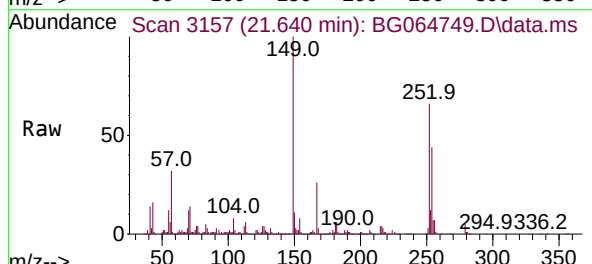
Tgt Ion:149 Resp: 384010

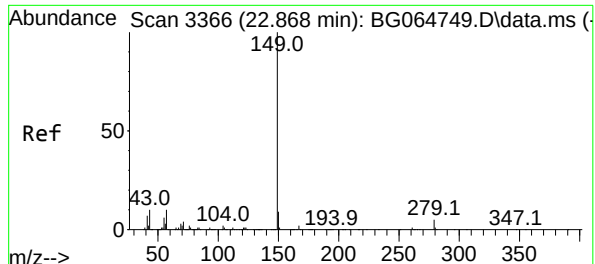
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

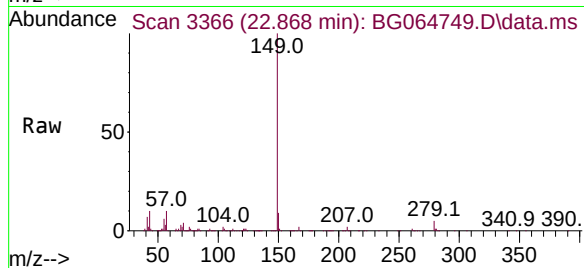
279 5.1 4.1 6.1





#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

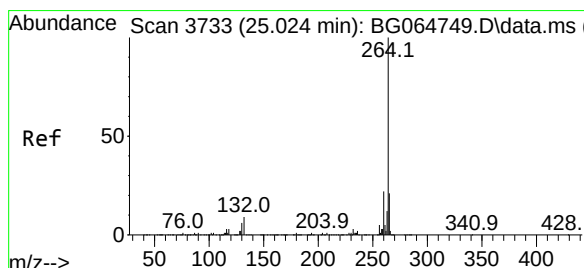
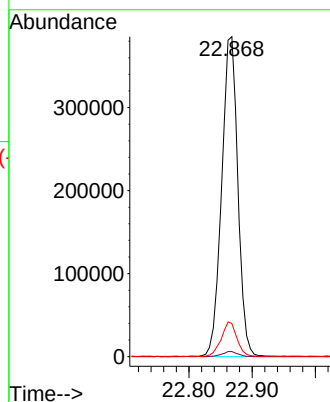
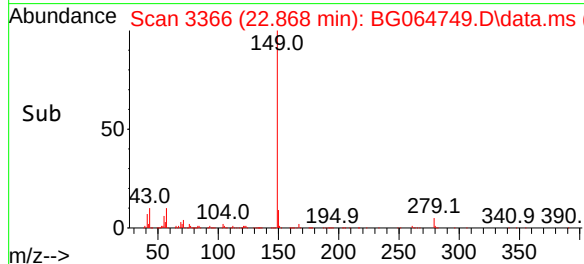
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

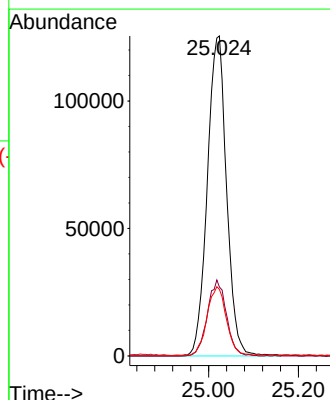
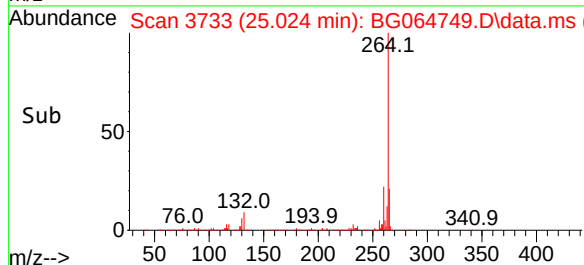
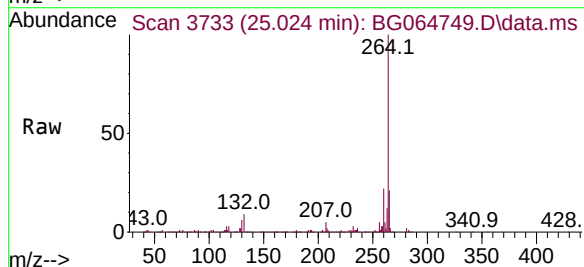
Manual Integrations
APPROVED

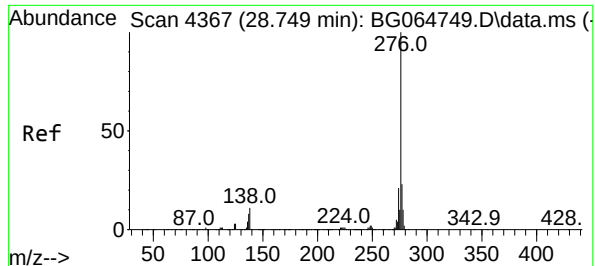
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

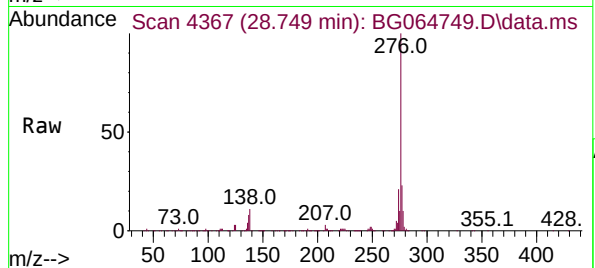
Tgt Ion:264 Resp: 372727
Ion Ratio Lower Upper
264 100
260 21.5 17.2 25.8
265 20.8 16.6 25.0





#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

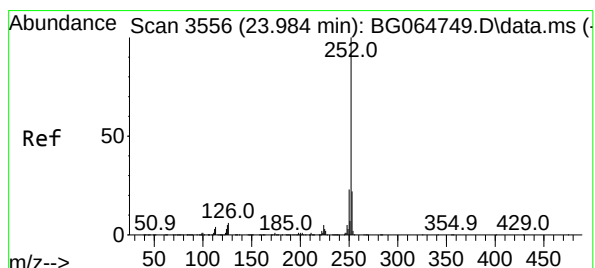
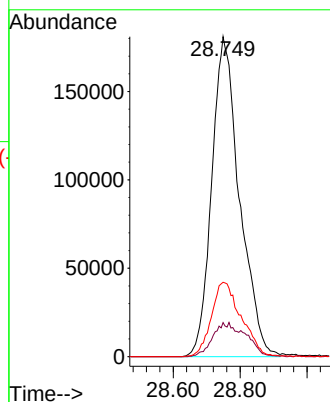
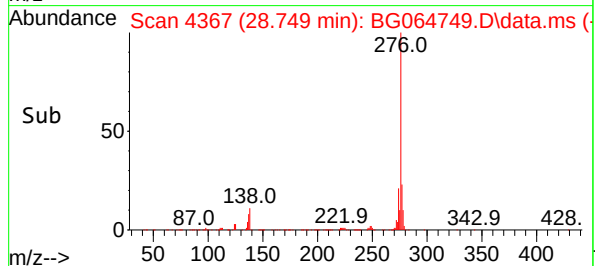
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

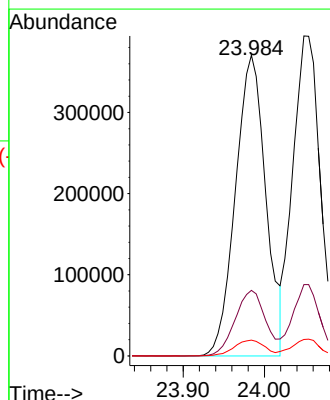
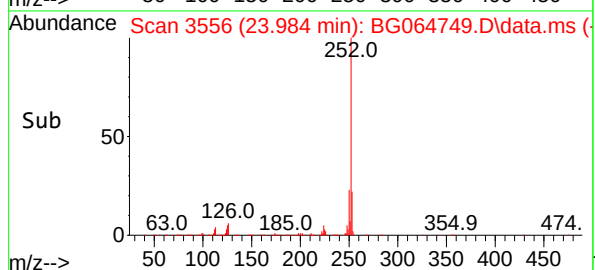
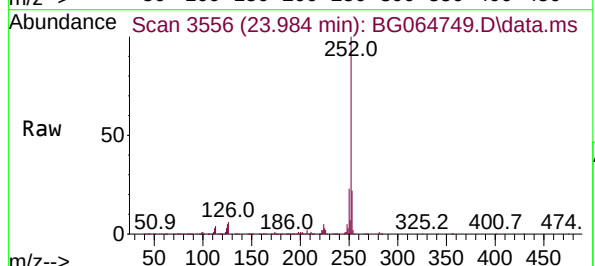
Manual Integrations
APPROVED

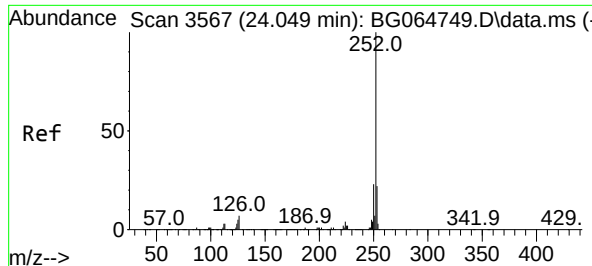
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

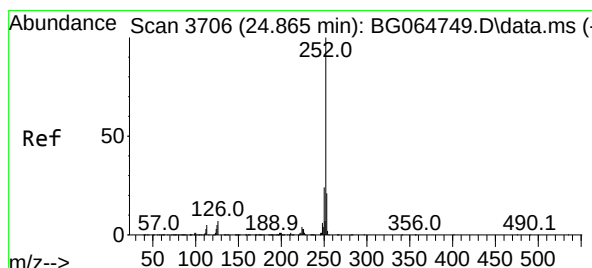
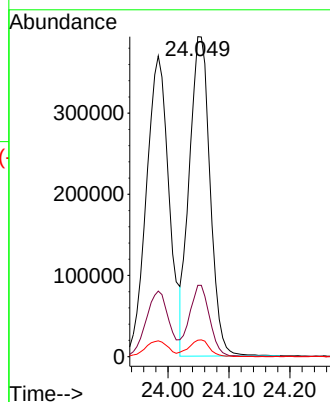
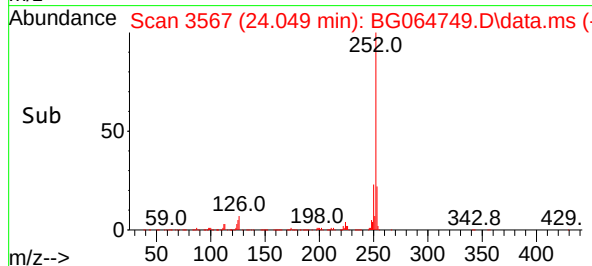
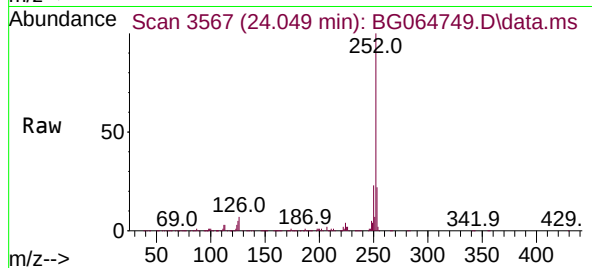
125 5.1 4.1 6.1

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

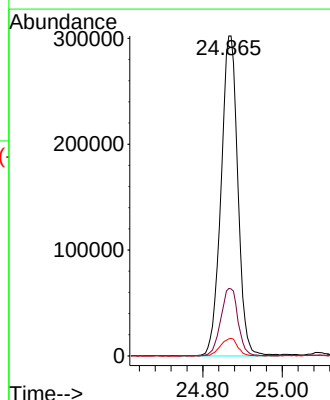
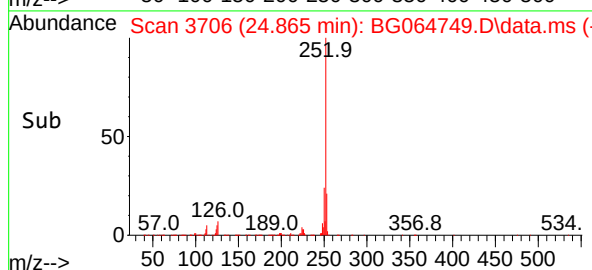
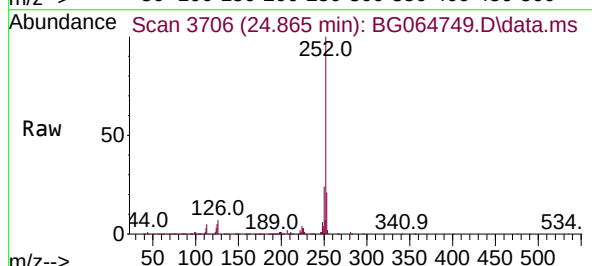
Tgt Ion:252 Resp: 887984

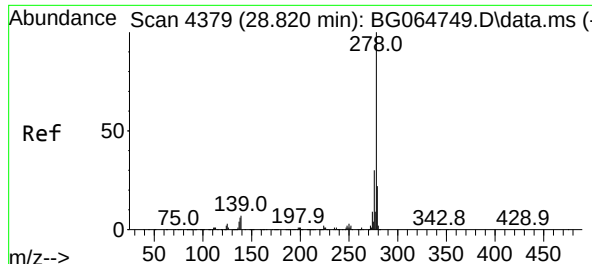
Ion Ratio Lower Upper

252 100

253 21.1 16.9 25.3

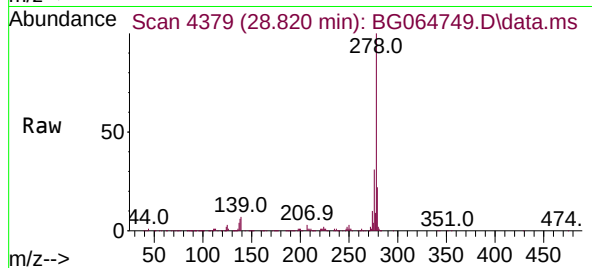
125 5.3 4.2 6.4





#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

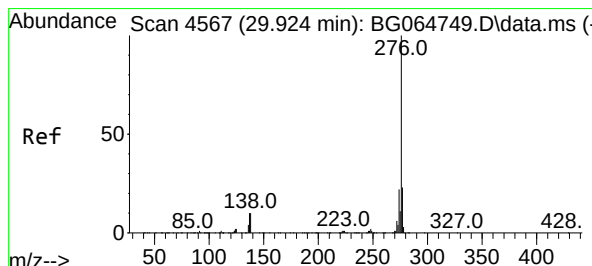
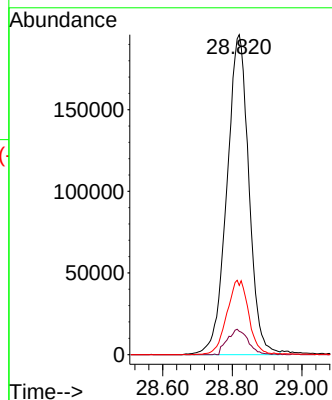
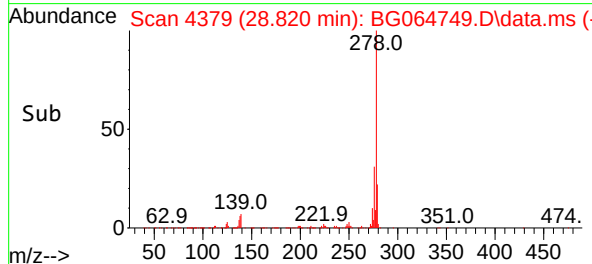
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040



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

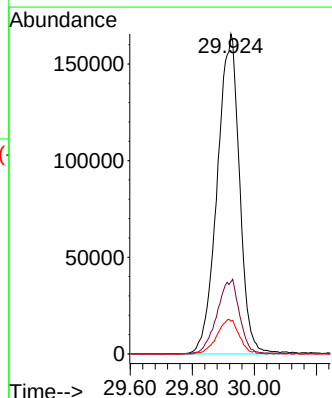
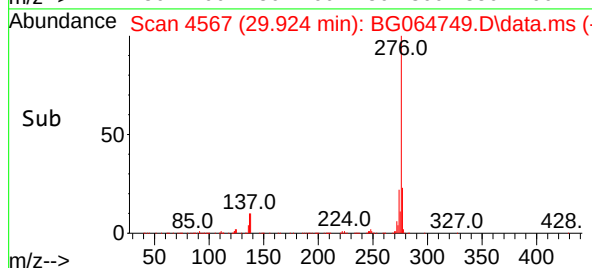
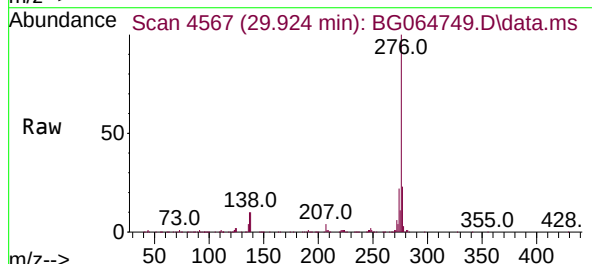
Manual Integrations
APPROVED

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						Qvalue
2) 1,4-Dioxane	3.529	88	35574	50.943	ng	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

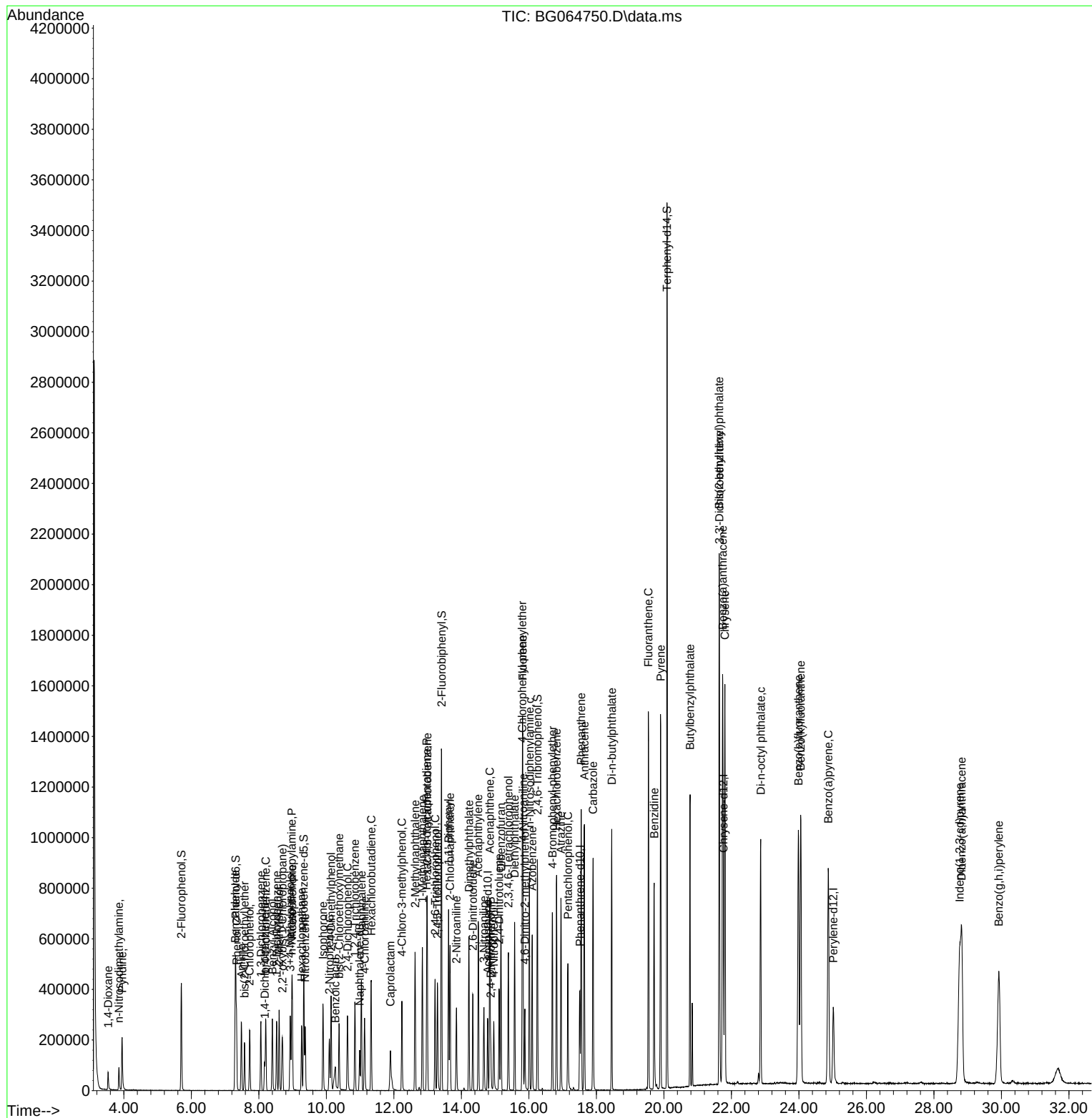
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.289	196	138309	50.724	ng	96
46) 1,1'-Biphenyl	13.618	154	373911	48.911	ng	98
47) 2-Chloronaphthalene	13.665	162	296964	49.307	ng	98
48) 2-Nitroaniline	13.853	65	101905	52.606	ng	97
49) Acenaphthylene	14.499	152	513965	49.951	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

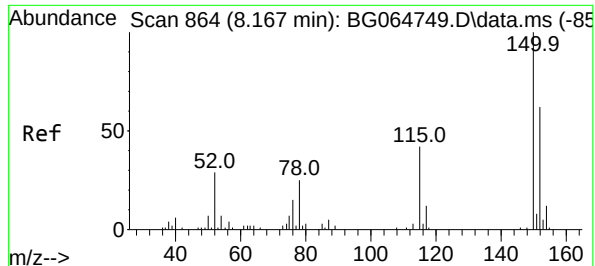
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

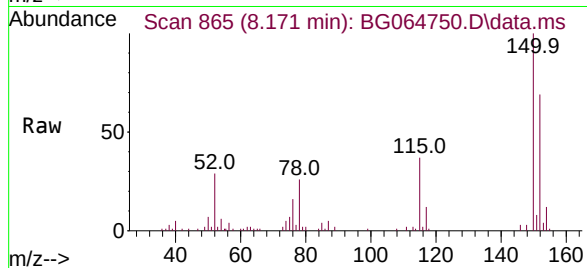
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#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

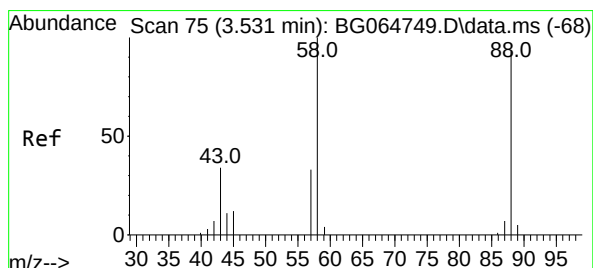
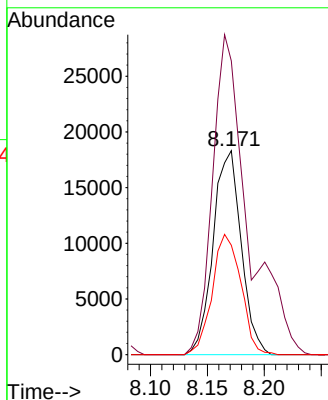
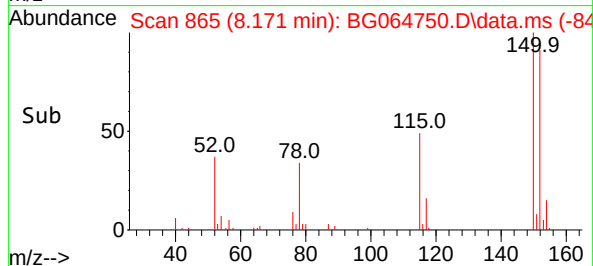
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

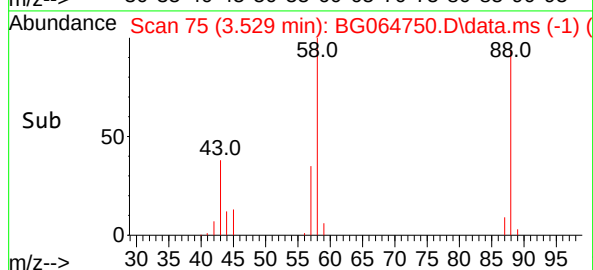
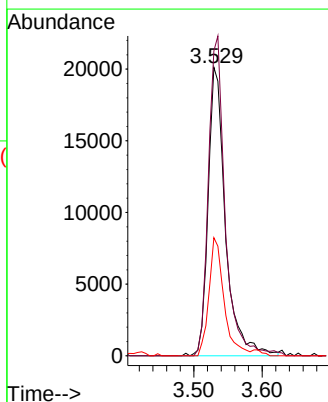
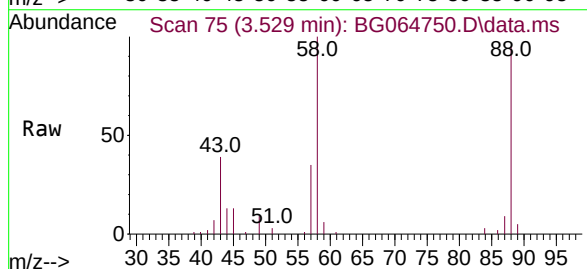
Manual Integrations
APPROVED

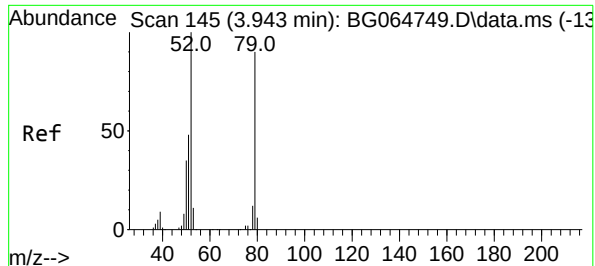
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

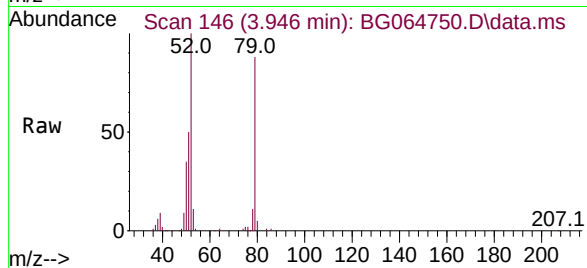
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

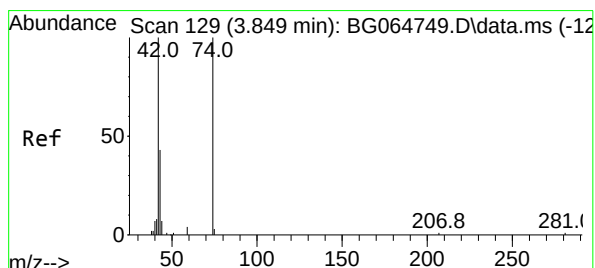
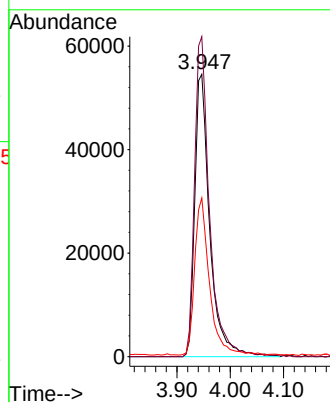
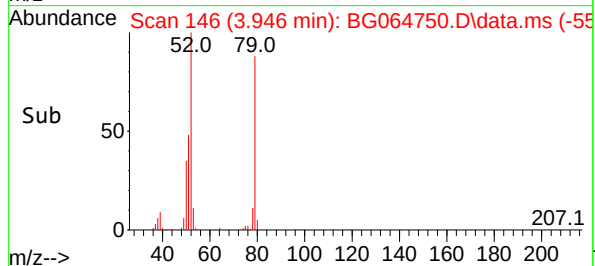


Tgt Ion:	79	Resp:	106725
Ion	Ratio	Lower	Upper
79	100		
52	113.3	89.0	133.4
51	56.2	43.4	65.0

Manual Integrations

APPROVED

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



#4

n-Nitrosodimethylamine

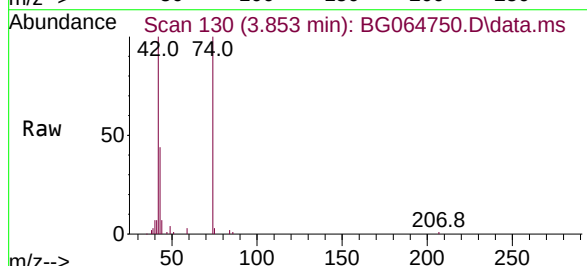
Concen: 51.277 ng

RT: 3.853 min Scan# 130

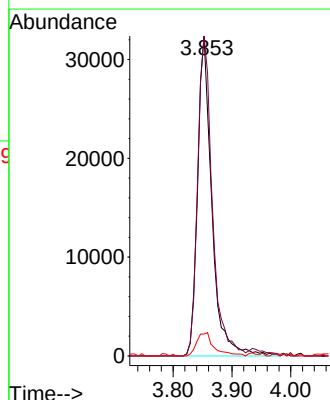
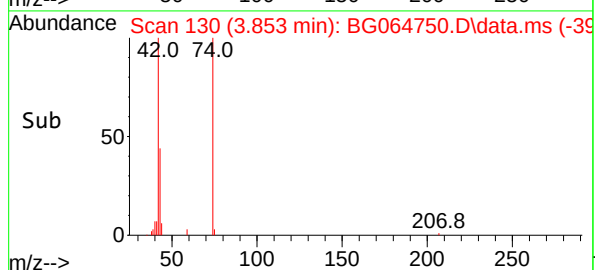
Delta R.T. 0.004 min

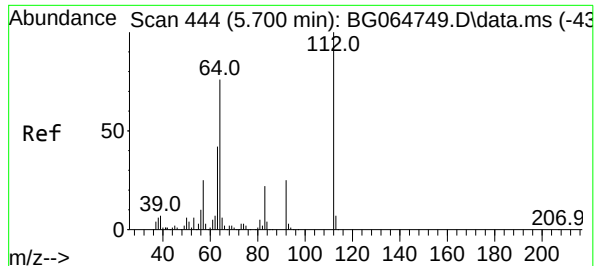
Lab File: BG064750.D

Acq: 12 Nov 2025 14:41



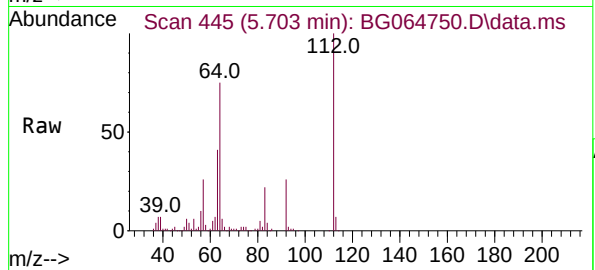
Tgt Ion:	42	Resp:	54302
Ion	Ratio	Lower	Upper
42	100		
74	100.1	79.8	119.6
44	6.8	5.9	8.9





#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

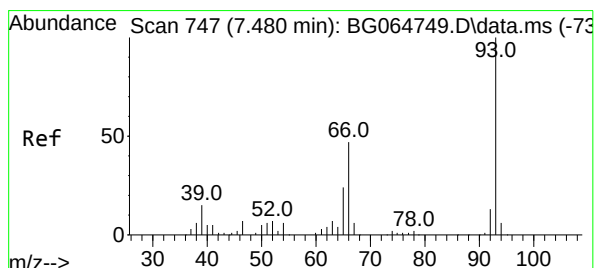
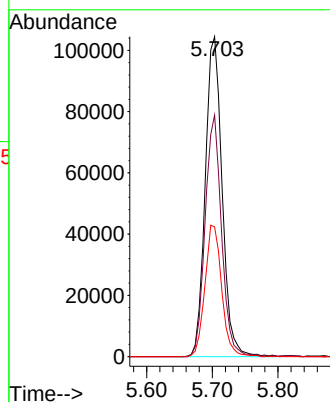
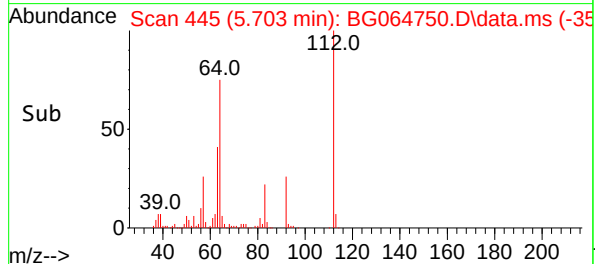
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

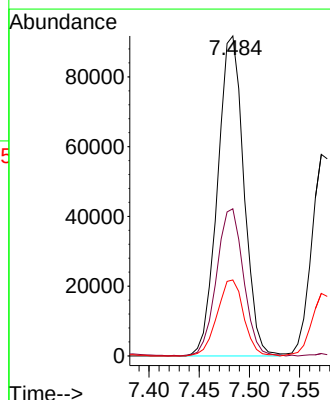
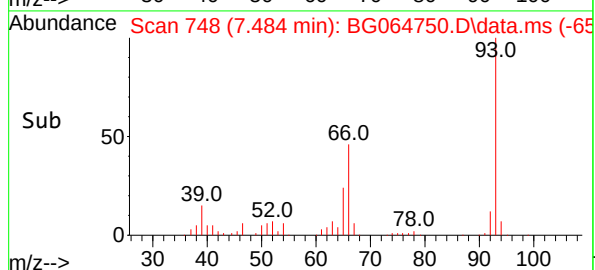
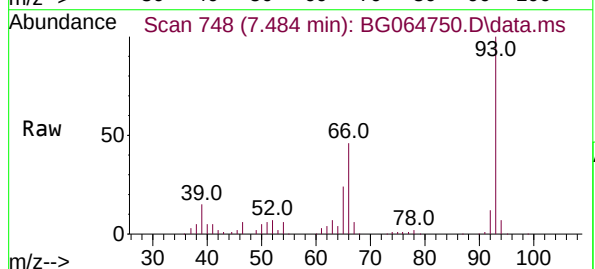
Manual Integrations
APPROVED

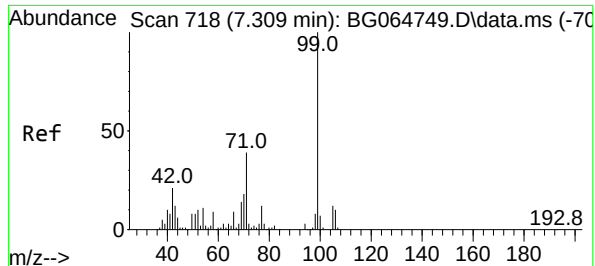
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

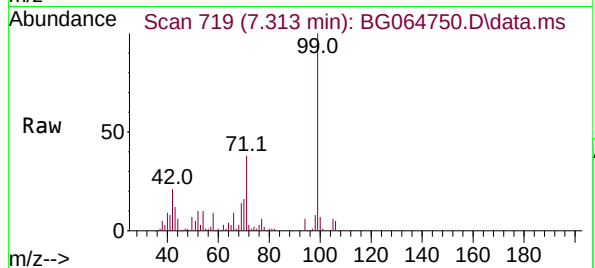
Tgt Ion: 93 Resp: 167371
Ion Ratio Lower Upper
93 100
66 46.0 37.7 56.5
65 23.7 19.1 28.7





#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

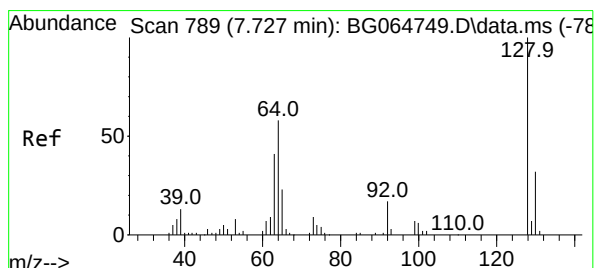
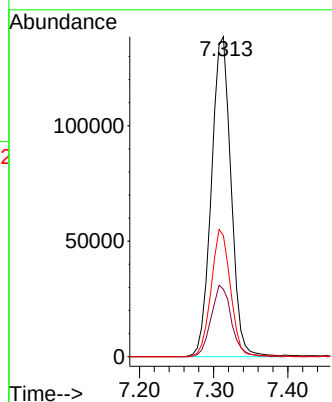
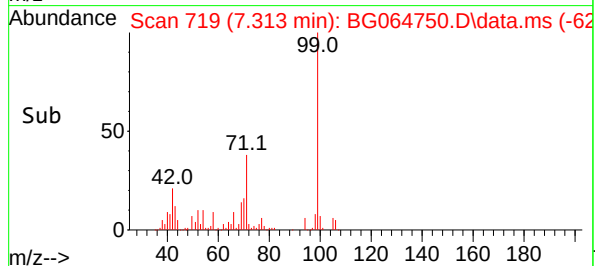
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



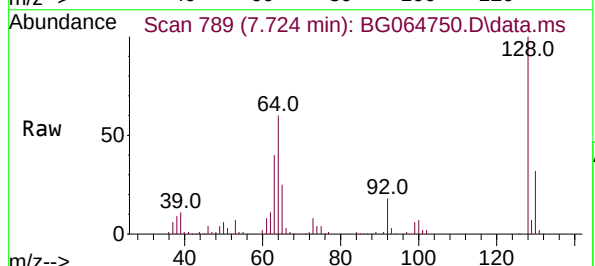
Tgt Ion: 99 Resp: 254548
Ion Ratio Lower Upper
99 100
42 21.0 16.8 25.2
71 37.8 31.1 46.7

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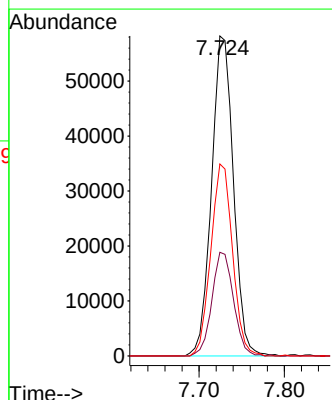
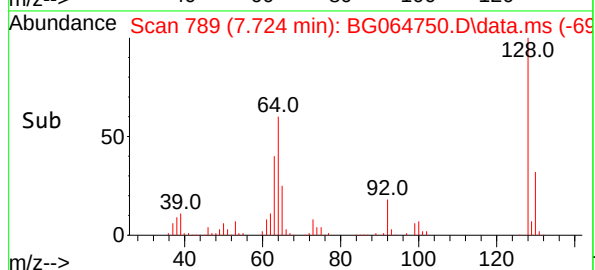
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

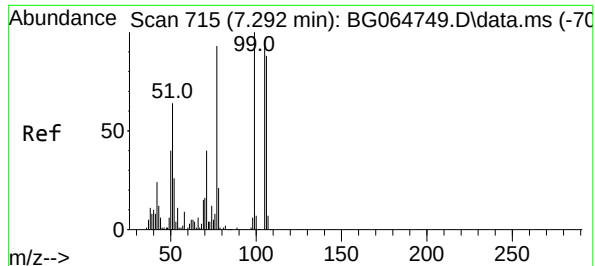


#8
2-Chlorophenol
Concen: 52.381 ng
RT: 7.724 min Scan# 789
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



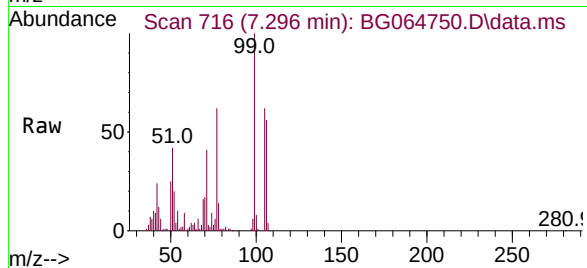
Tgt Ion:128 Resp: 103747
Ion Ratio Lower Upper
128 100
130 32.4 11.9 51.9
64 60.0 38.4 78.4





#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

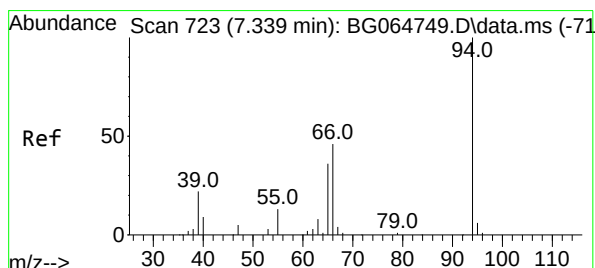
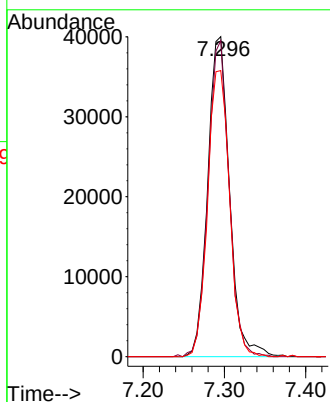
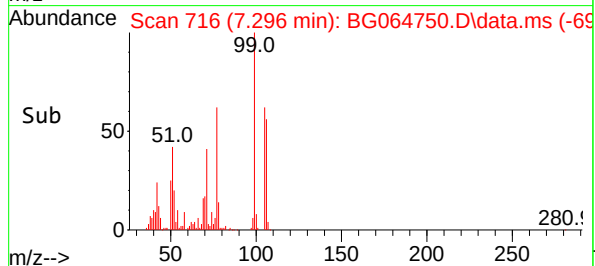
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 7475
Ion Ratio Lower Upper
77 100
105 98.7 83.8 123.8
106 89.4 74.3 114.3

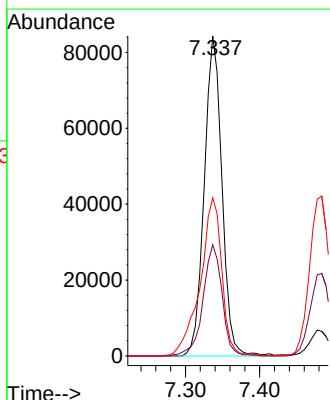
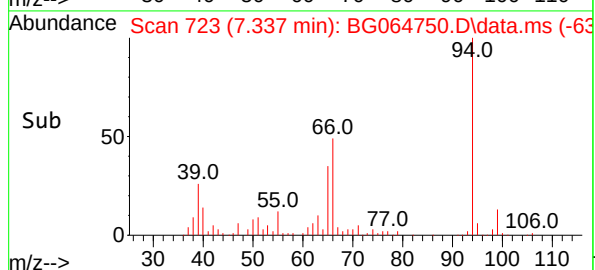
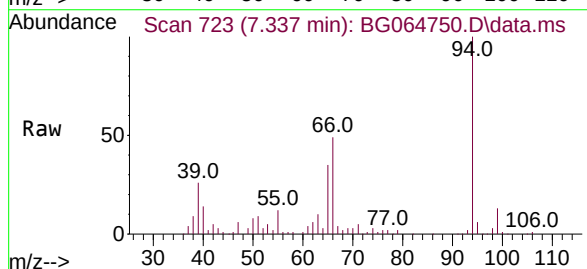
Manual Integrations
APPROVED

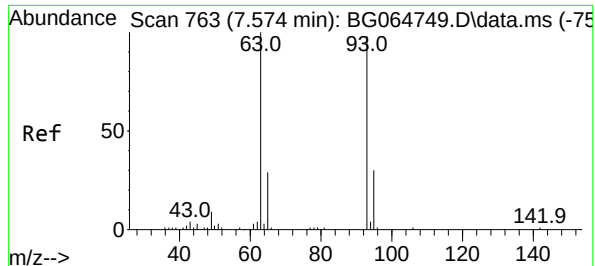
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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# 763

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

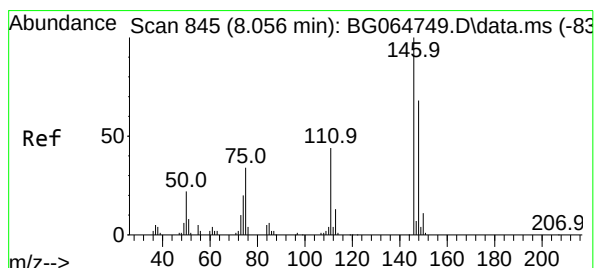
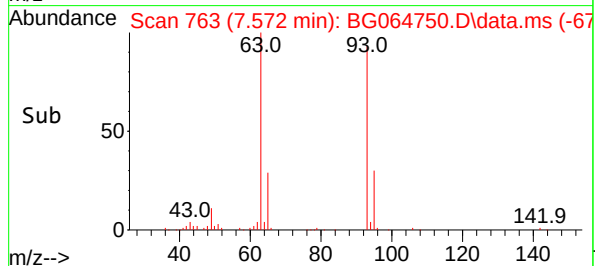
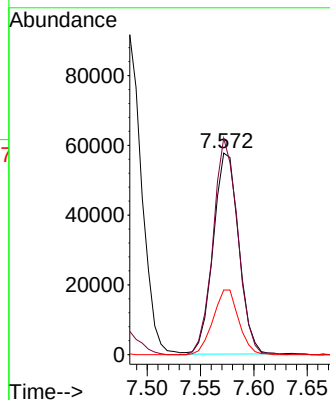
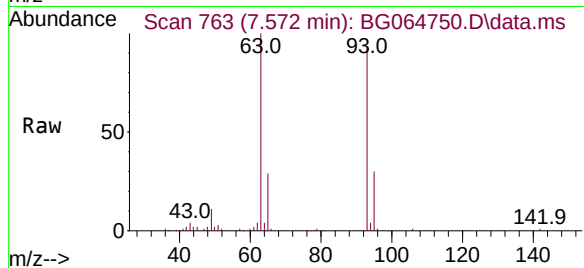
95 32.0 10.3 50.3

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

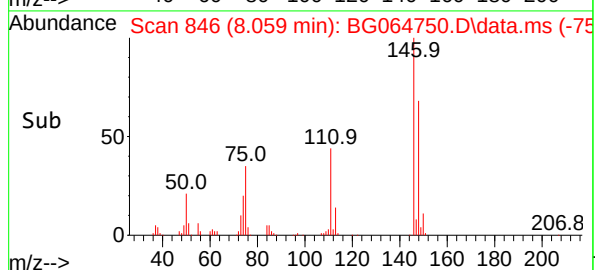
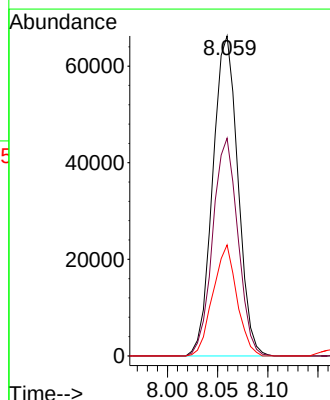
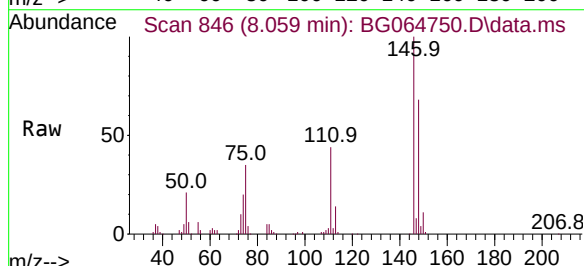
Tgt Ion:146 Resp: 115482

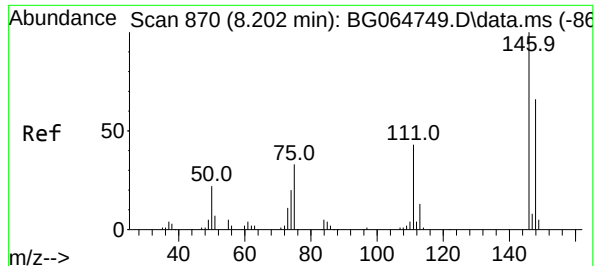
Ion Ratio Lower Upper

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: 116931

Ion Ratio Lower Upper

146 100

148 66.4 53.1 79.7

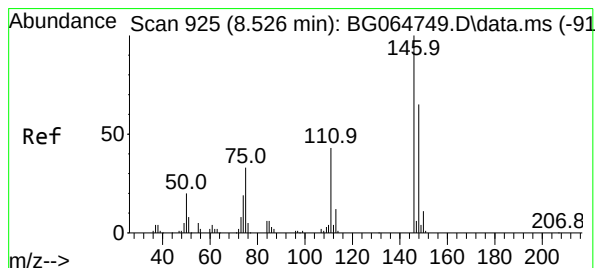
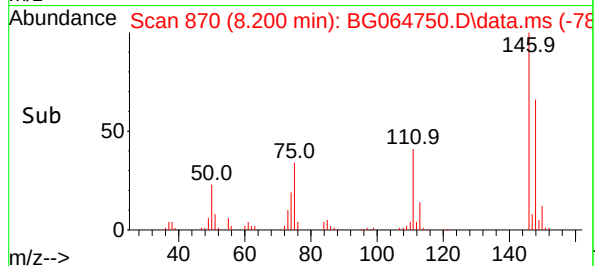
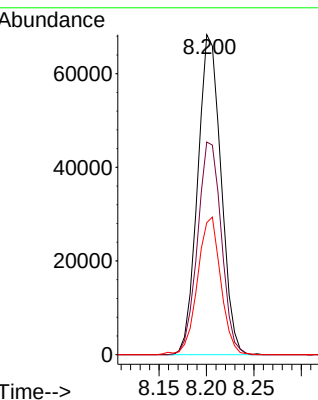
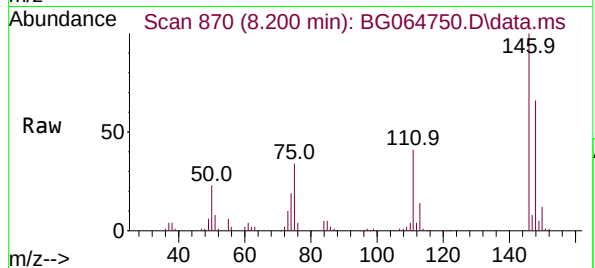
111 41.2 34.1 51.1

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

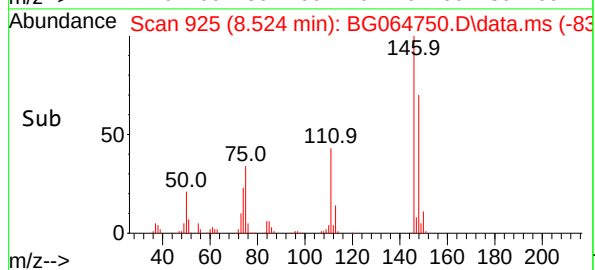
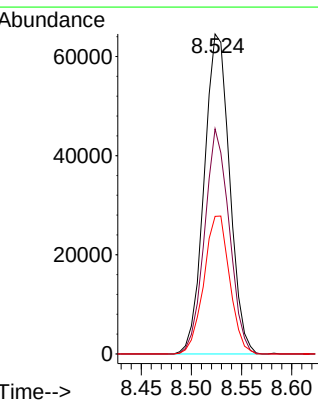
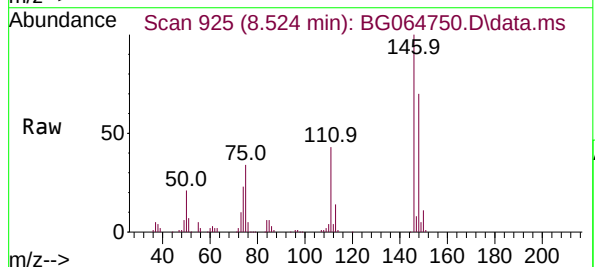
Tgt Ion:146 Resp: 113910

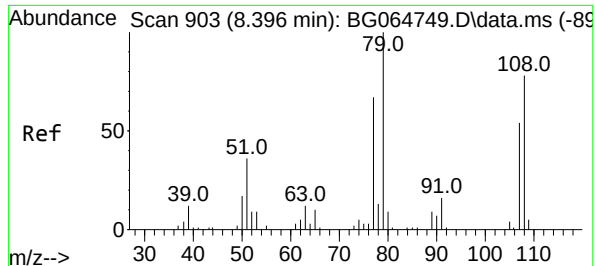
Ion Ratio Lower Upper

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

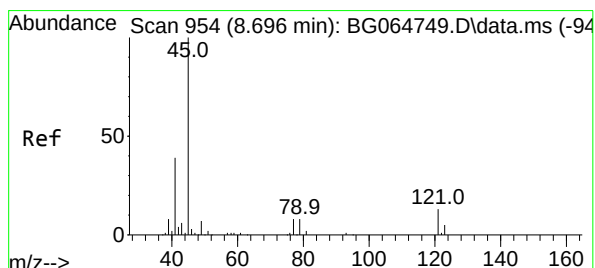
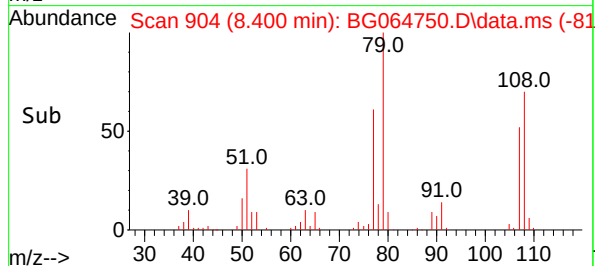
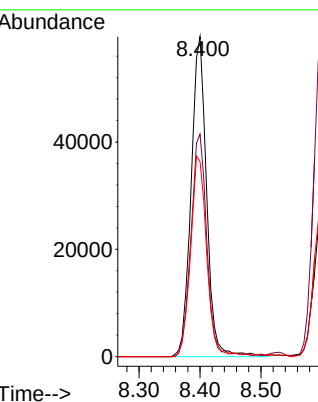
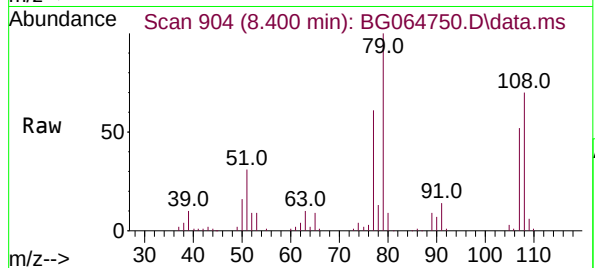
77 60.9 53.5 80.3

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

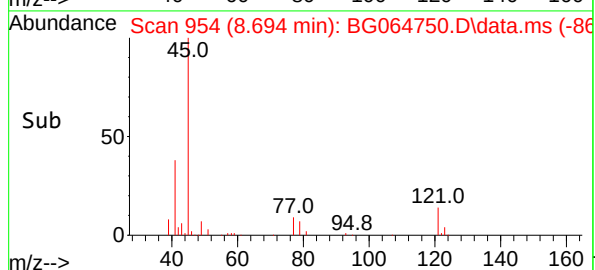
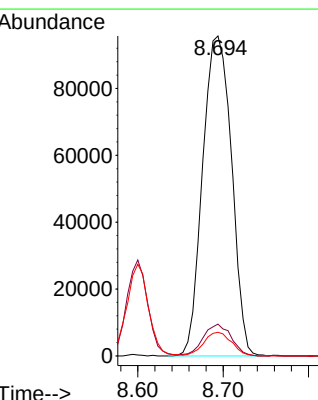
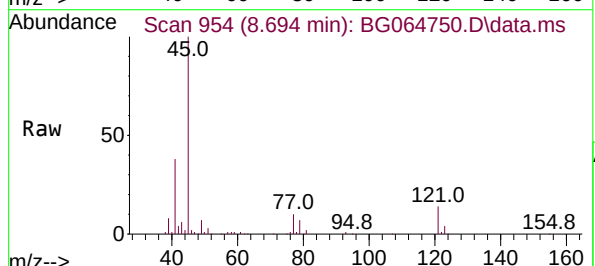
Tgt Ion: 45 Resp: 225281

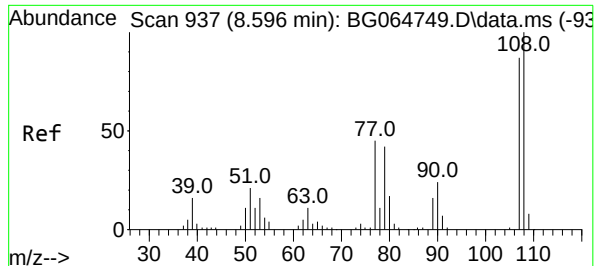
Ion Ratio Lower Upper

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 :

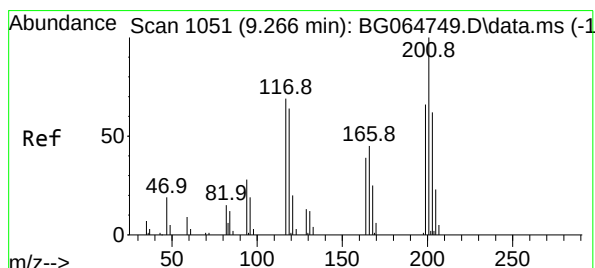
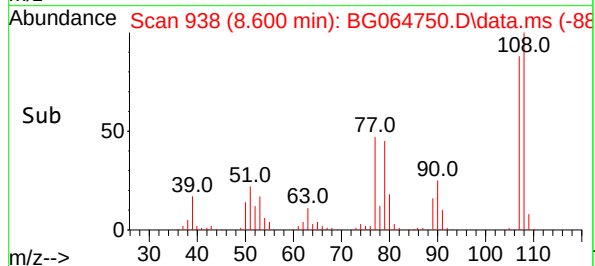
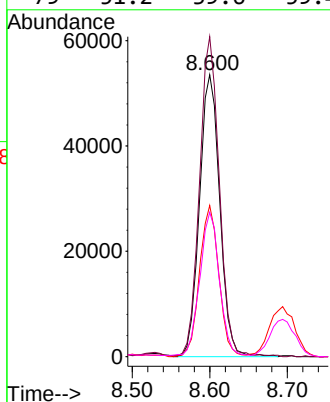
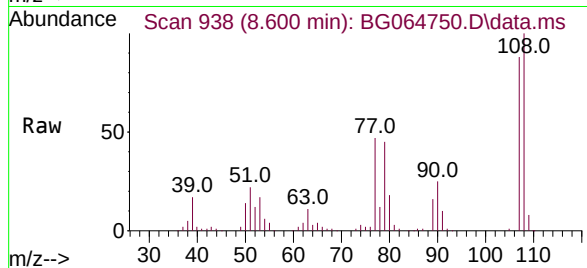
SSTDIC050

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

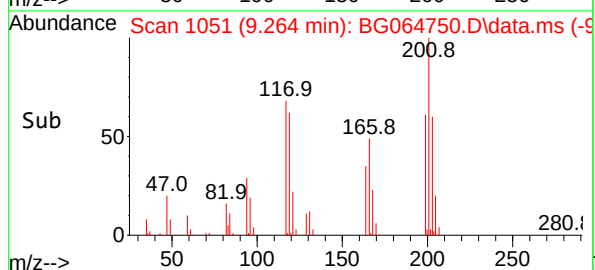
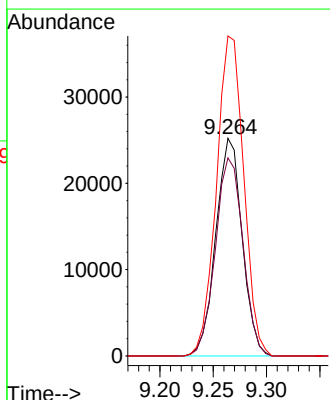
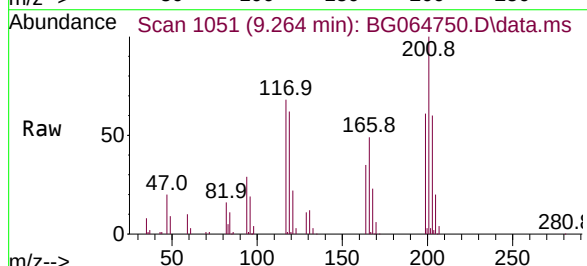
RT: 9.264 min Scan# 1051

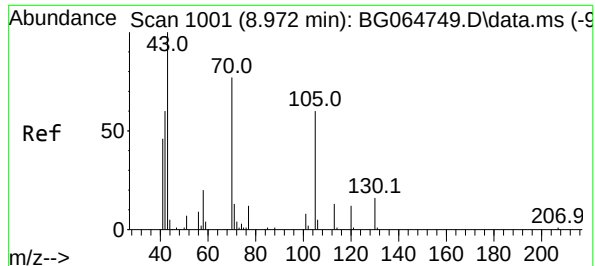
Delta R.T. -0.002 min

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

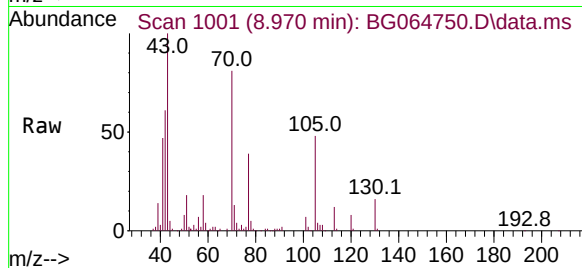
Acq: 12 Nov 2025 14:41

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

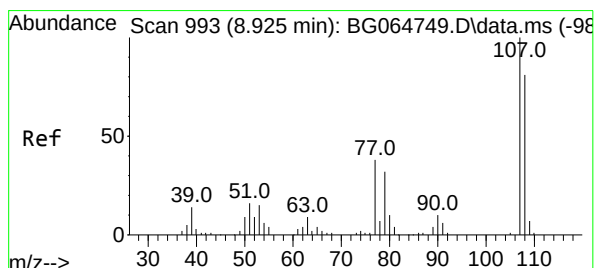
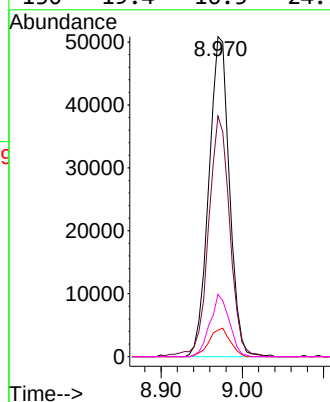
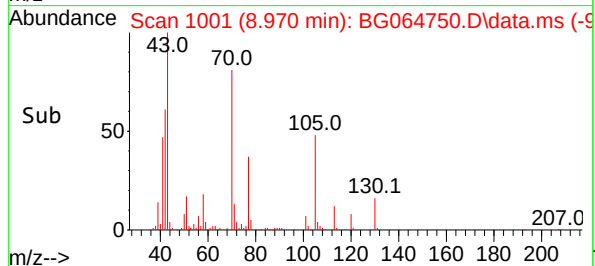
130 19.4 16.5 24.7

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

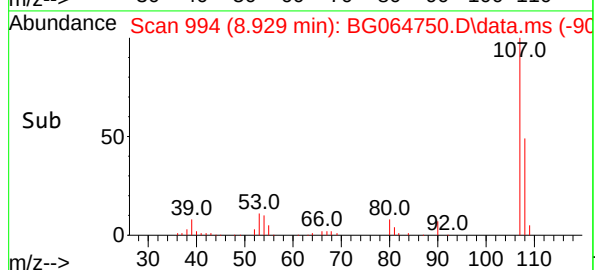
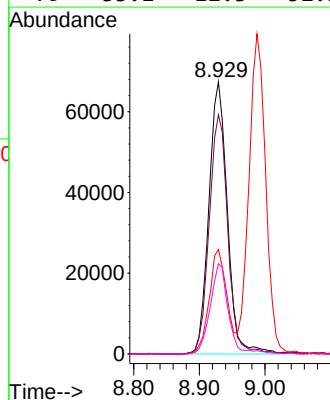
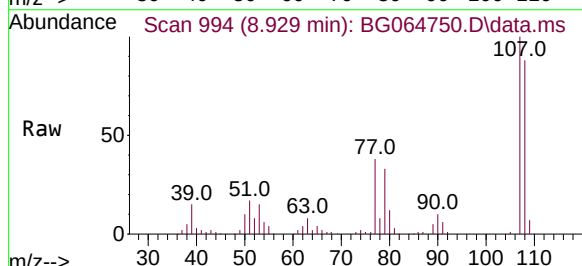
Ion Ratio Lower Upper

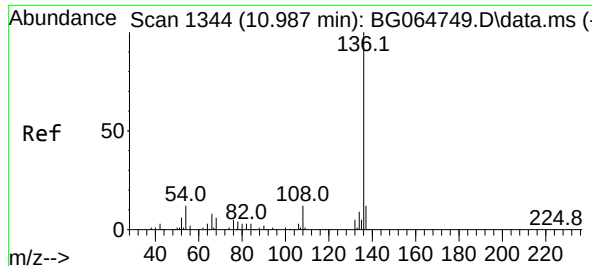
107 100

108 87.9 61.0 101.0

77 38.3 17.6 57.6

79 33.1 12.3 52.3





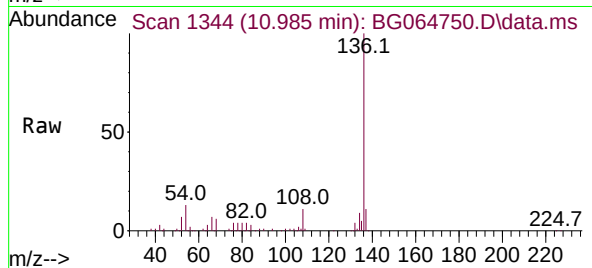
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

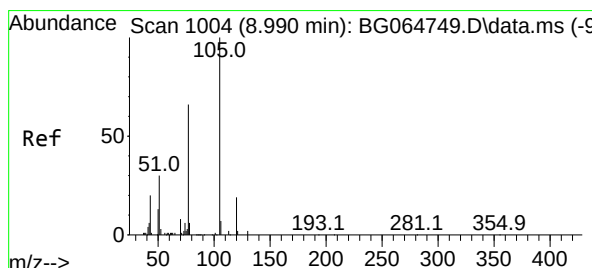
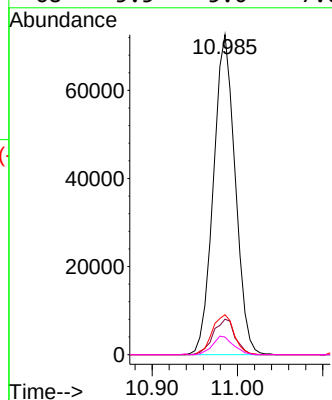
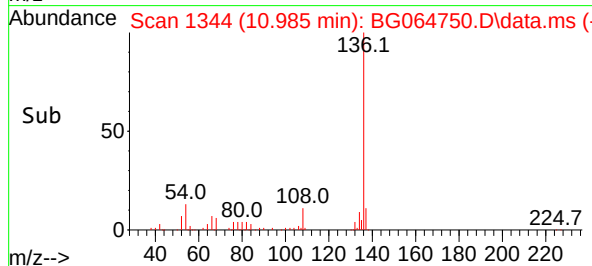
SSTDICC050



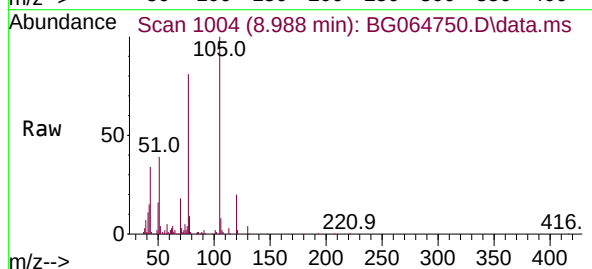
Tgt Ion:136 Resp: 128561
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 12.5 9.3 13.9
68 5.5 5.0 7.6

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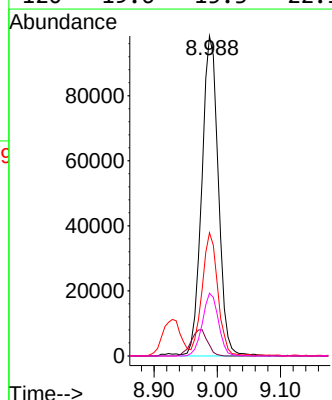
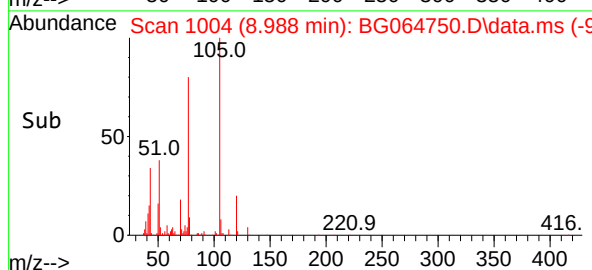
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

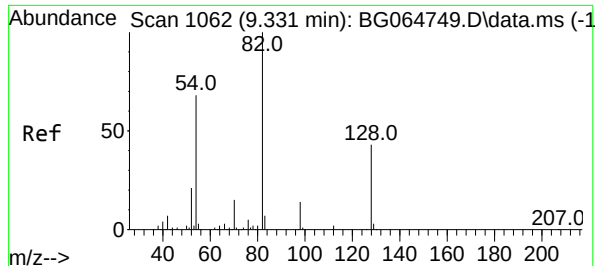


#22
Acetophenone
Concen: 50.911 ng
RT: 8.988 min Scan# 1004
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



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

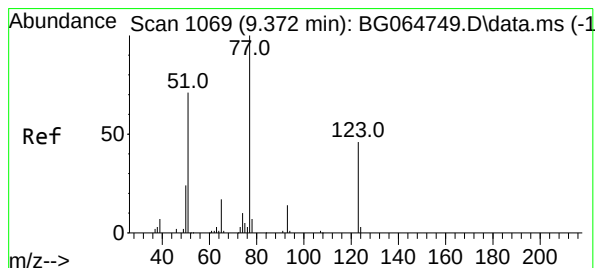
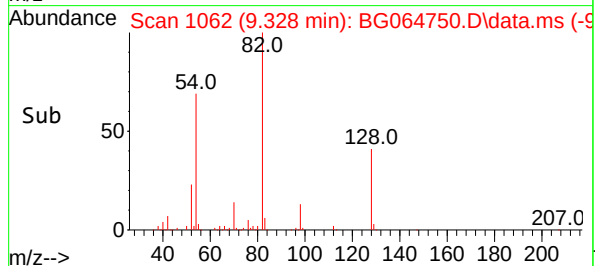
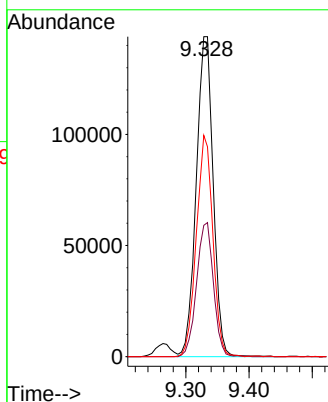
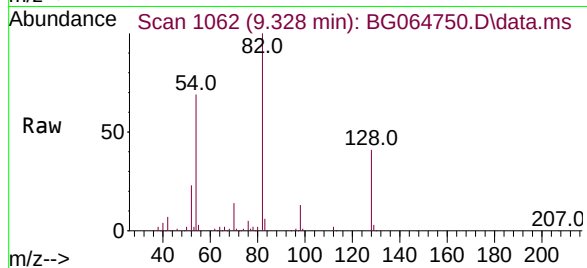
54 69.1 54.3 81.5

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

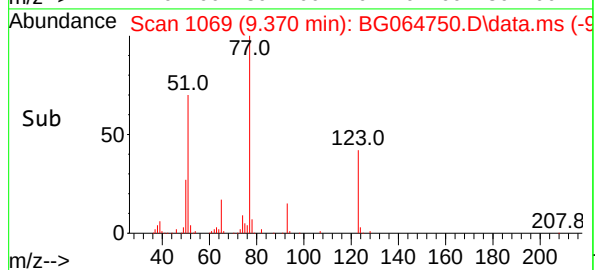
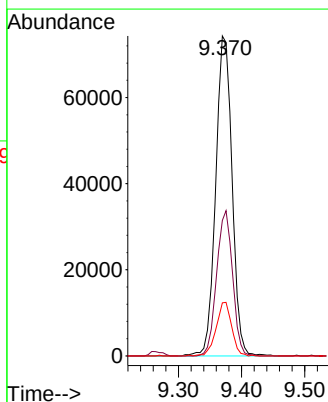
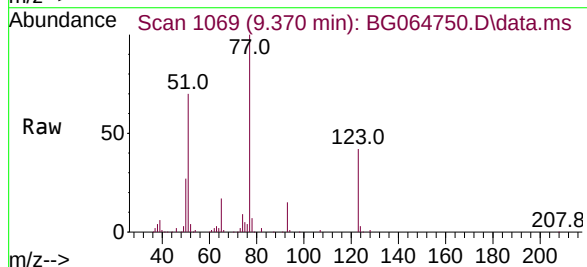
Tgt Ion: 77 Resp: 133911

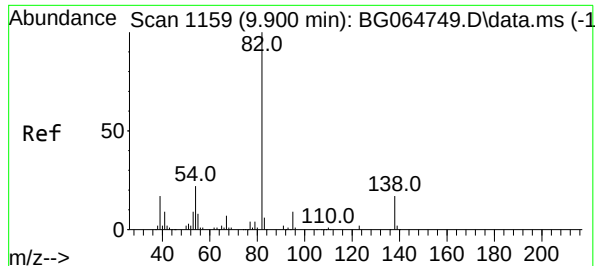
Ion Ratio Lower Upper

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

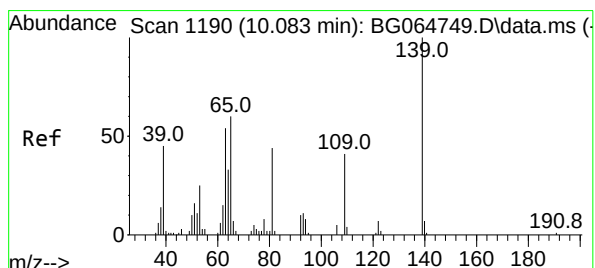
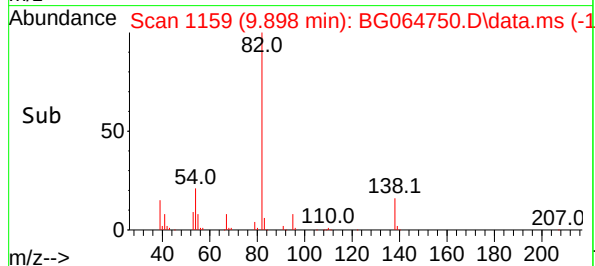
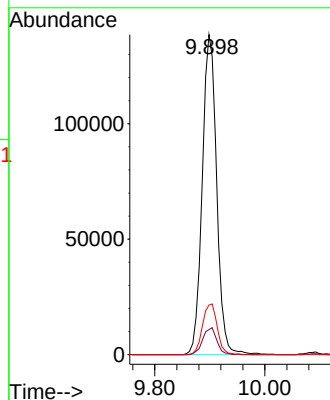
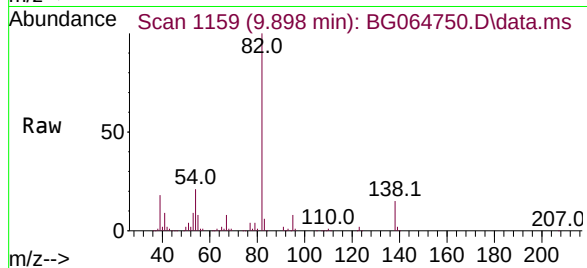
138 15.5 13.9 20.9

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

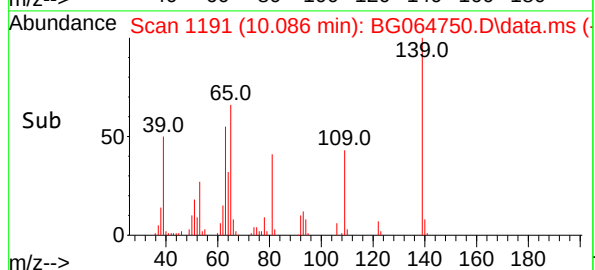
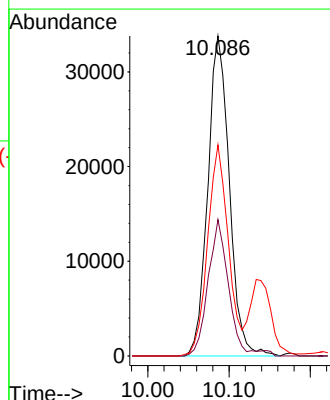
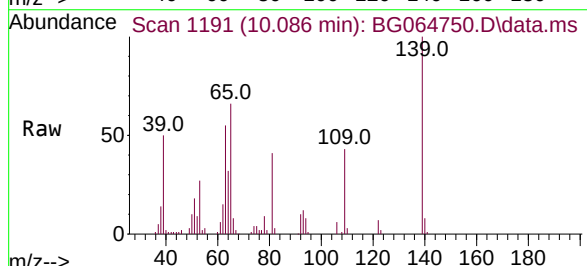
Tgt Ion:139 Resp: 62279

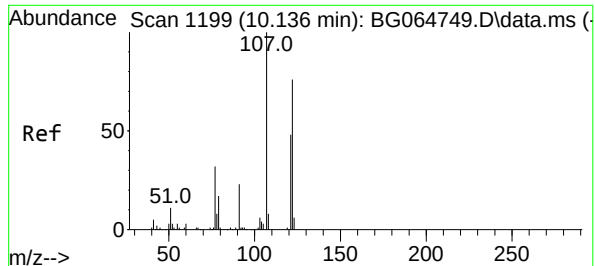
Ion Ratio Lower Upper

139 100

109 42.6 32.5 48.7

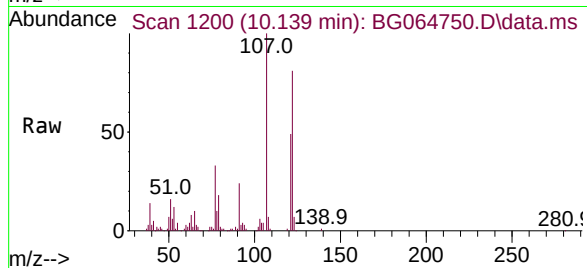
65 65.9 47.6 71.4





#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

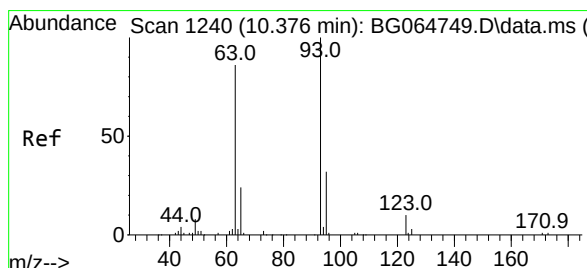
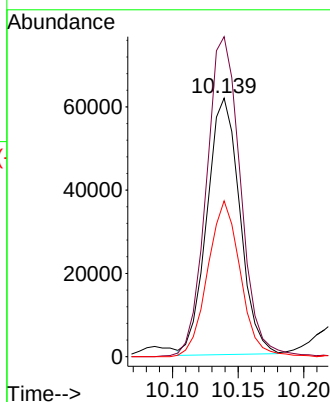
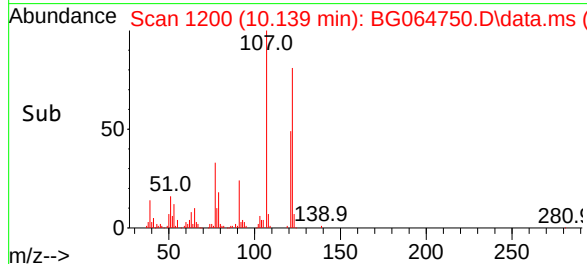
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

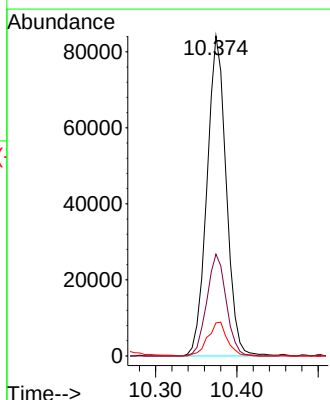
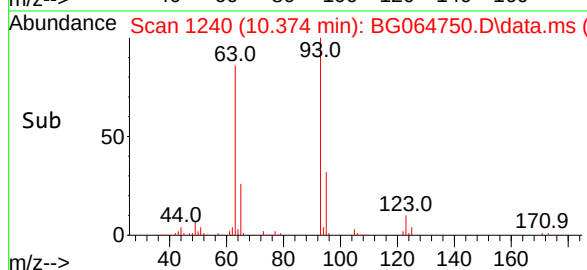
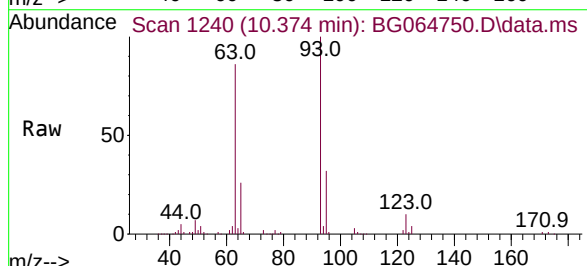
Manual Integrations
APPROVED

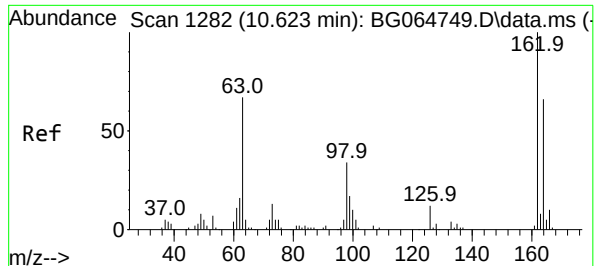
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

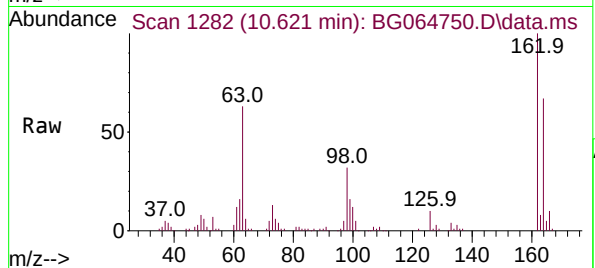
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:162 Resp: 119188

Ion Ratio Lower Upper

162 100

164 67.0 46.0 86.0

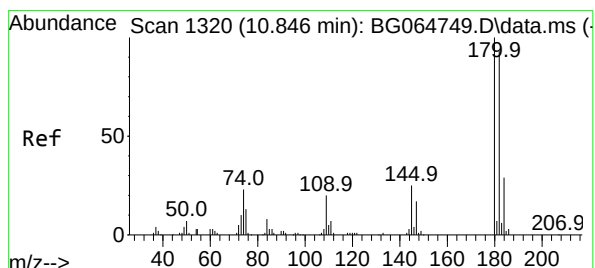
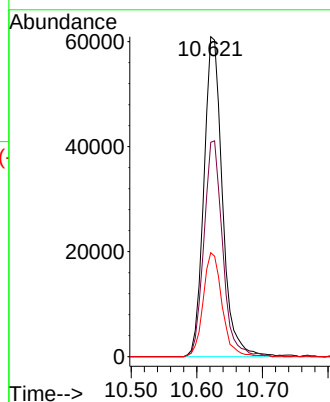
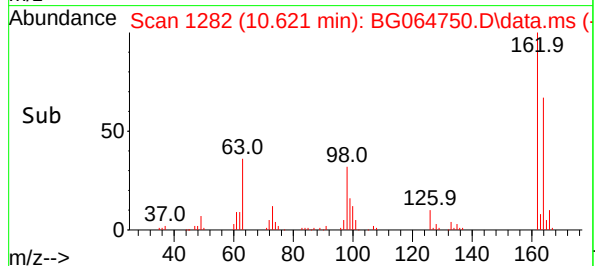
98 32.5 14.2 54.2

Manual Integrations

APPROVED

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

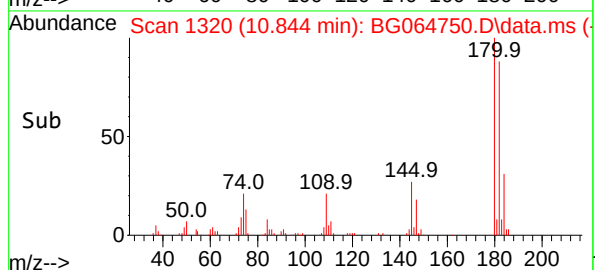
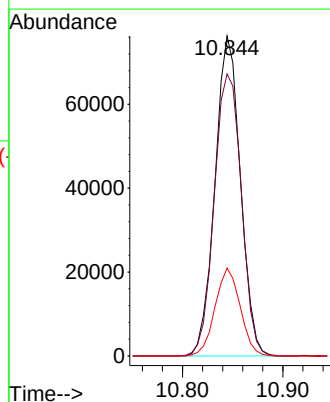
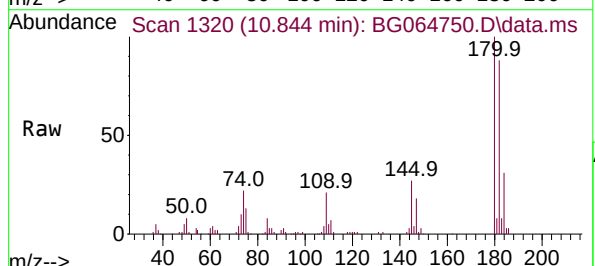
Tgt Ion:180 Resp: 134410

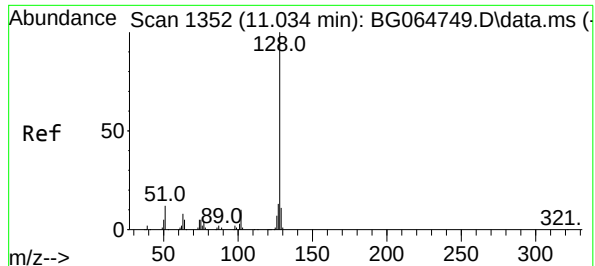
Ion Ratio Lower Upper

180 100

182 88.1 74.2 111.4

145 27.4 20.0 30.0





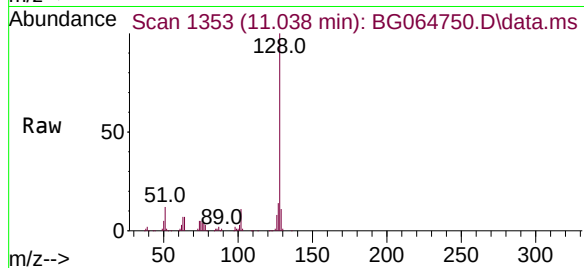
#31
Naphthalene
Concen: 49.504 ng
RT: 11.038 min Scan# 1352
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

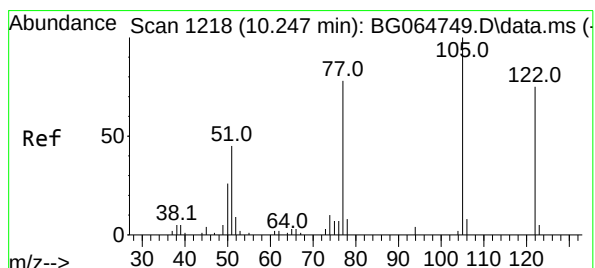
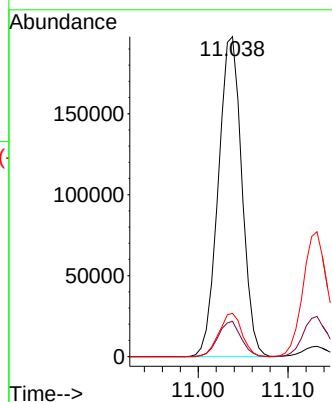
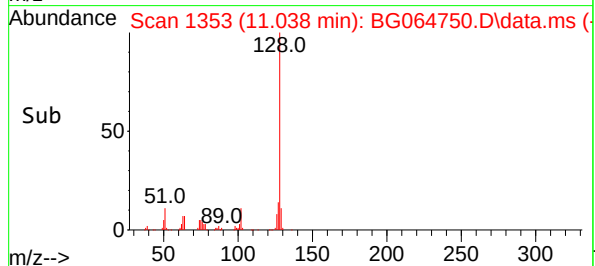


Tgt Ion:128 Resp: 360779
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.5 10.6 16.0

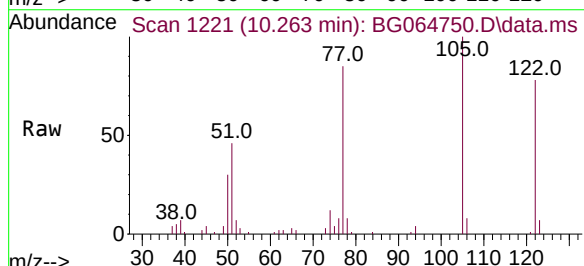
Manual Integrations

APPROVED

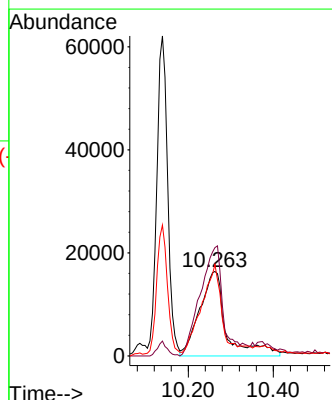
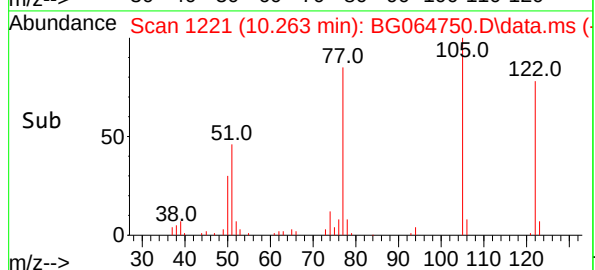
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

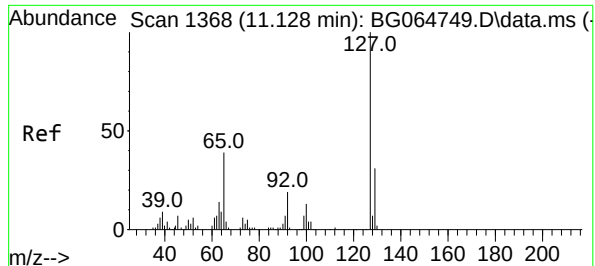


#32
Benzoic acid
Concen: 47.913 ng m
RT: 10.263 min Scan# 1221
Delta R.T. 0.016 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



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 :

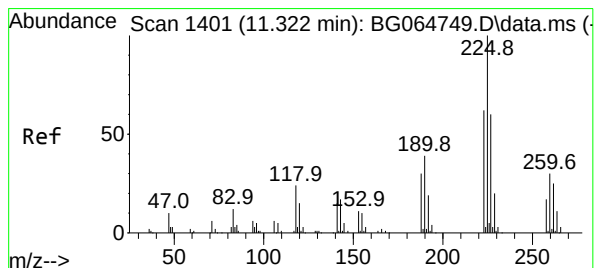
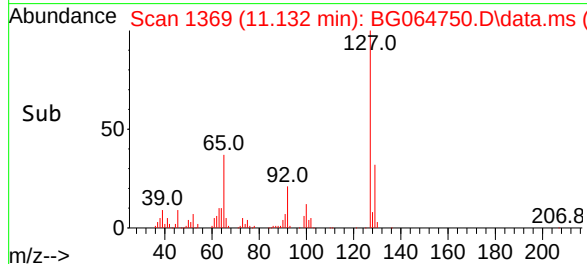
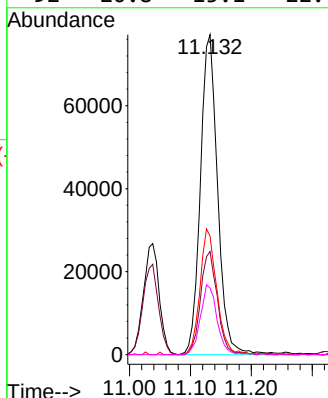
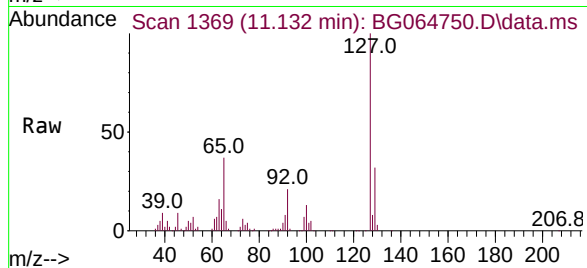
SSTDICC050

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

Manual Integrations

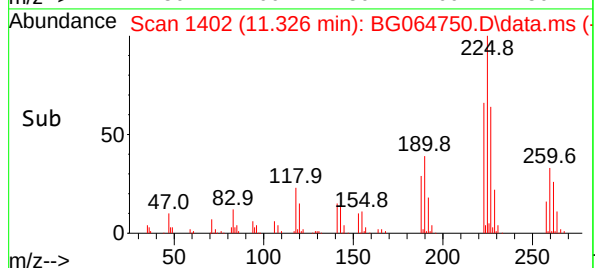
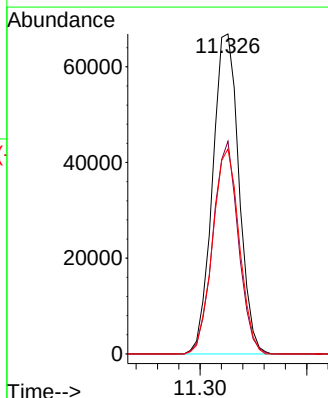
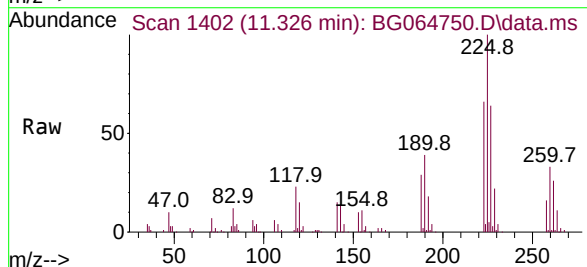
APPROVED

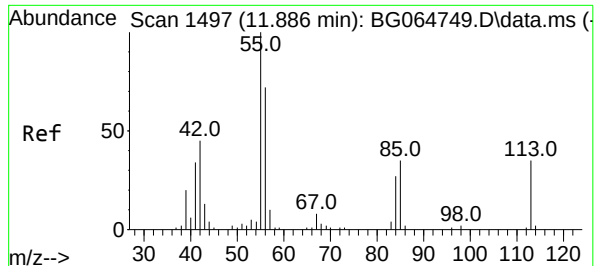
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

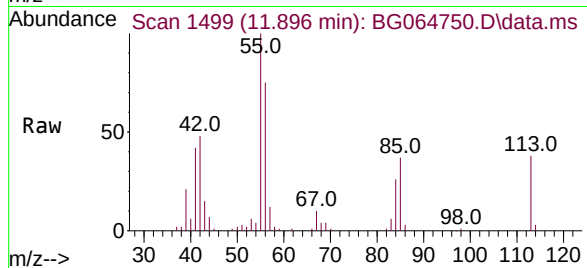
Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.1	49.9	74.9
227	63.9	50.6	75.8





#35
Caprolactam
Concen: 54.473 ng
RT: 11.896 min Scan# 1499
Delta R.T. 0.010 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

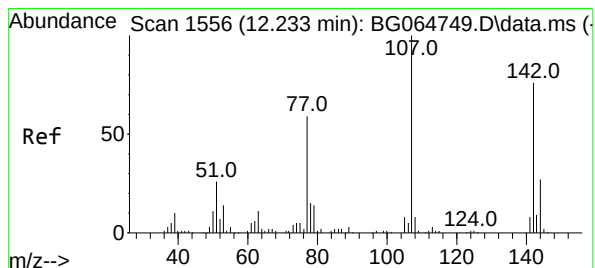
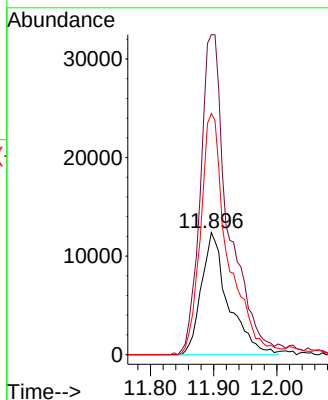
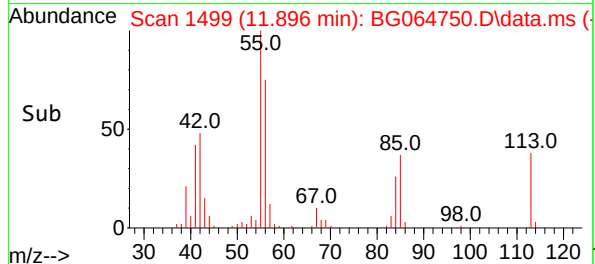
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



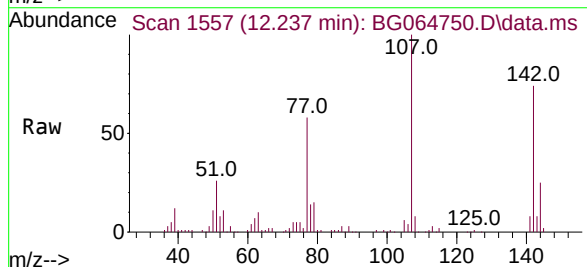
Tgt Ion:113 Resp: 36692
Ion Ratio Lower Upper
113 100
55 262.3 263.7 303.7
56 197.6 184.0 224.0

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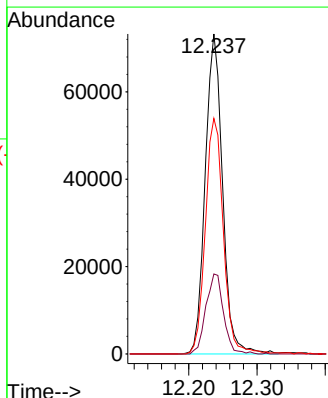
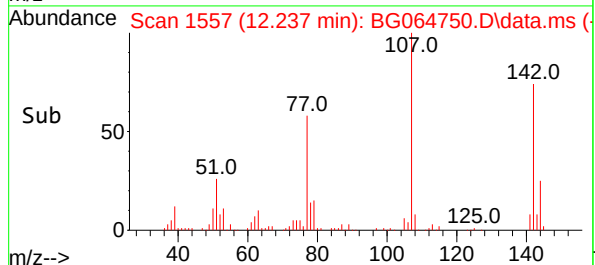
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

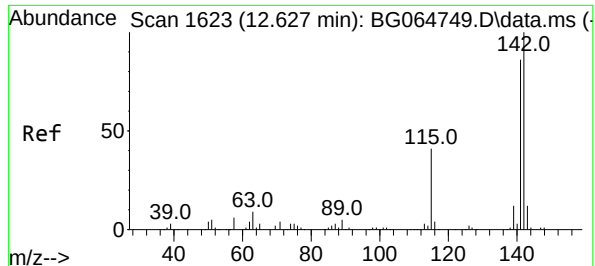


#36
4-Chloro-3-methylphenol
Concen: 51.523 ng
RT: 12.237 min Scan# 1557
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



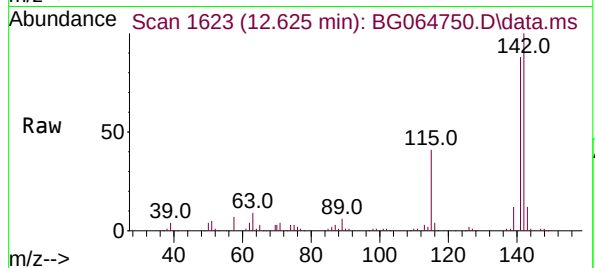
Tgt Ion:107 Resp: 129260
Ion Ratio Lower Upper
107 100
144 25.0 21.7 32.5
142 73.6 60.8 91.2





#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

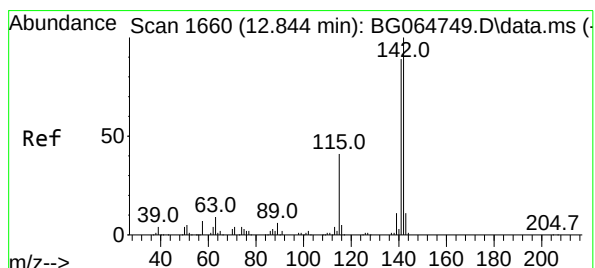
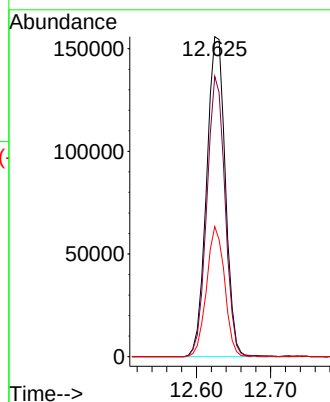
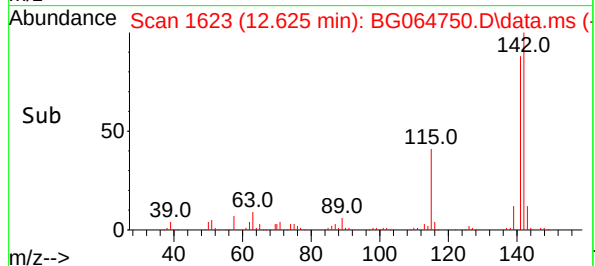
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



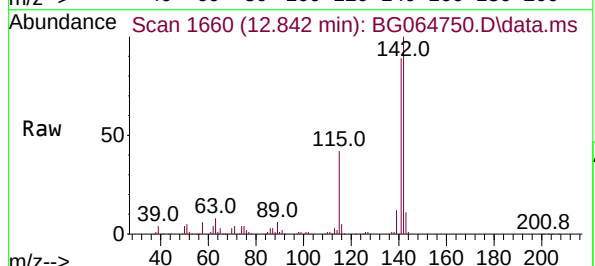
Tgt Ion:142 Resp: 273168
Ion Ratio Lower Upper
142 100
141 87.6 69.1 103.7
115 40.6 32.9 49.3

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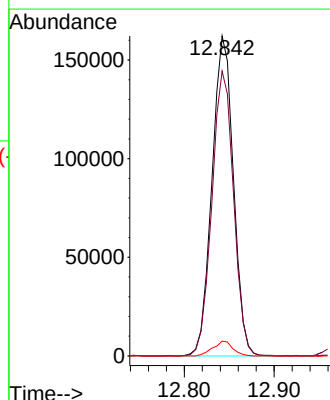
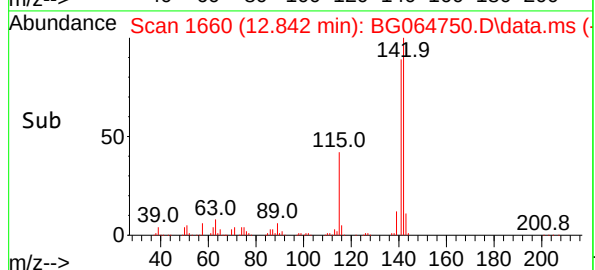
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

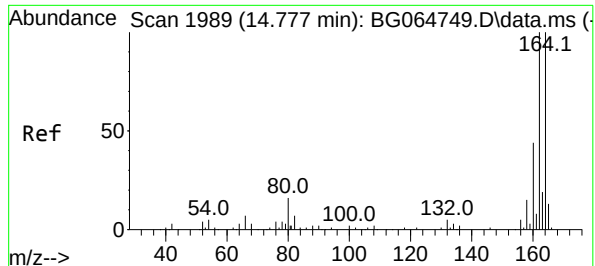


#38
1-Methylnaphthalene
Concen: 49.540 ng
RT: 12.842 min Scan# 1660
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



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

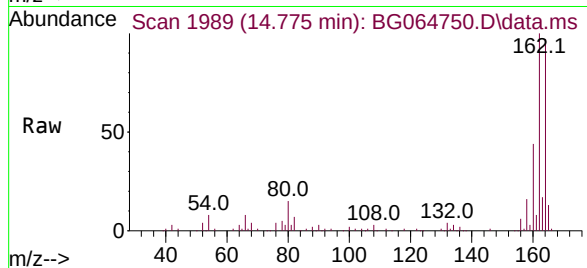
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

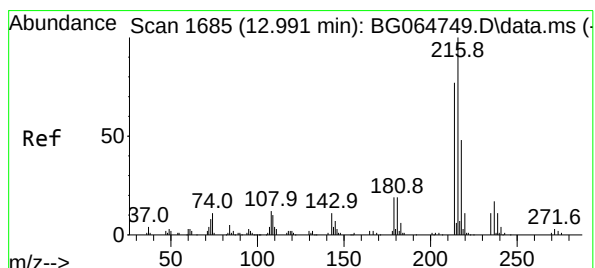
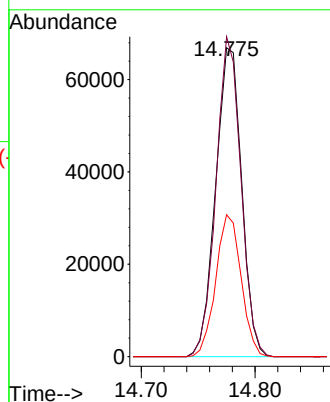
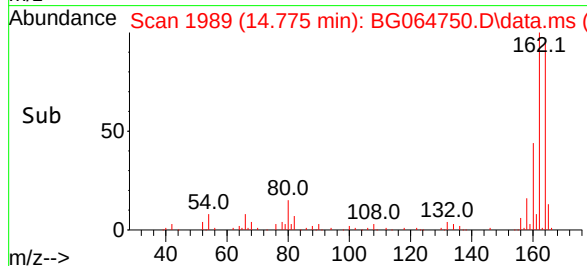


Tgt Ion:	164	Resp:	106438
Ion Ratio	Lower	Upper	
164	100		
162	103.6	79.8	119.6
160	45.9	34.9	52.3

Manual Integrations

APPROVED

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



#40

1,2,4,5-Tetrachlorobenzene

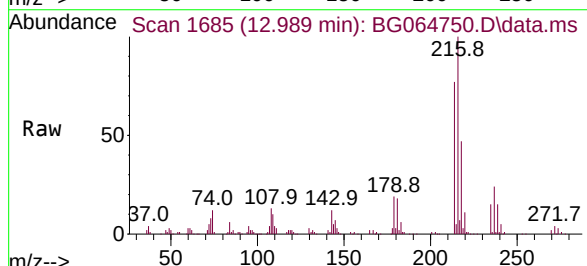
Concen: 48.764 ng

RT: 12.989 min Scan# 1685

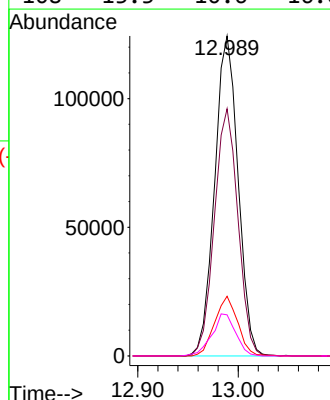
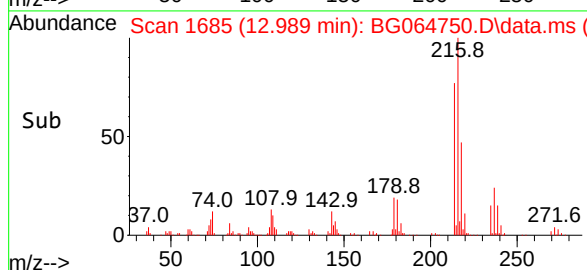
Delta R.T. -0.002 min

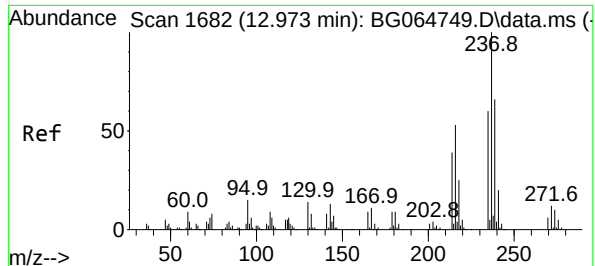
Lab File: BG064750.D

Acq: 12 Nov 2025 14:41



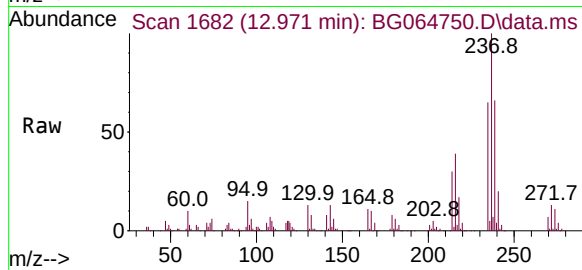
Tgt Ion:	216	Resp:	201992
Ion Ratio	Lower	Upper	
216	100		
214	77.5	60.5	90.7
179	18.3	14.7	22.1
108	13.3	10.6	16.0





#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

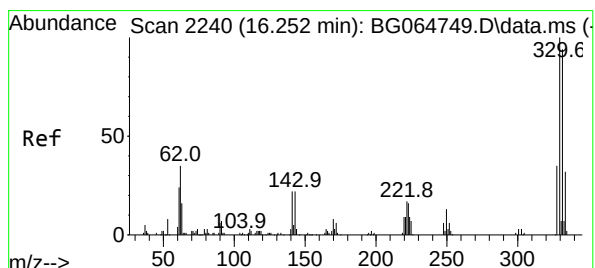
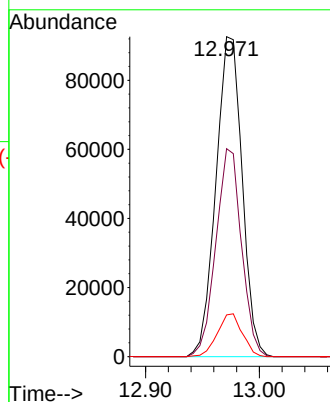
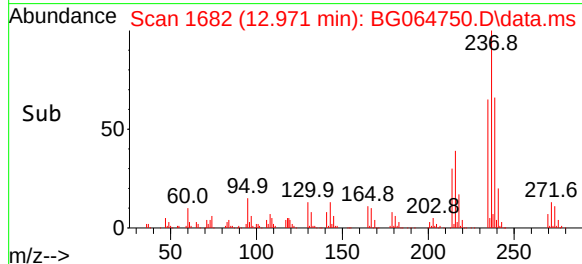
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



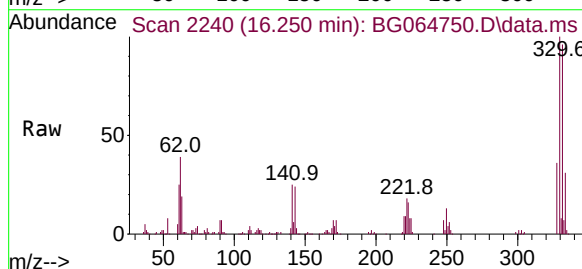
Tgt Ion:237 Resp: 148300
Ion Ratio Lower Upper
237 100
235 65.0 40.2 80.2
272 13.0 0.0 31.9

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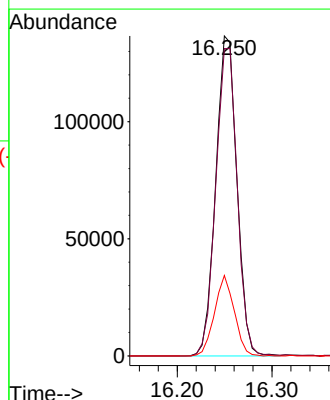
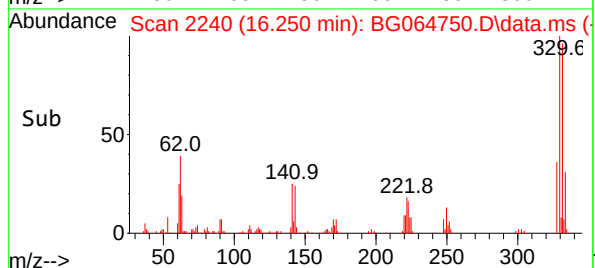
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

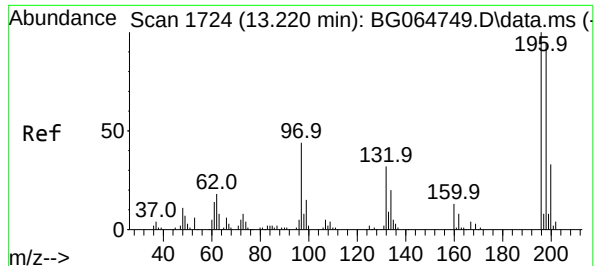


#42
2,4,6-Tribromophenol
Concen: 101.964 ng
RT: 16.250 min Scan# 2240
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



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

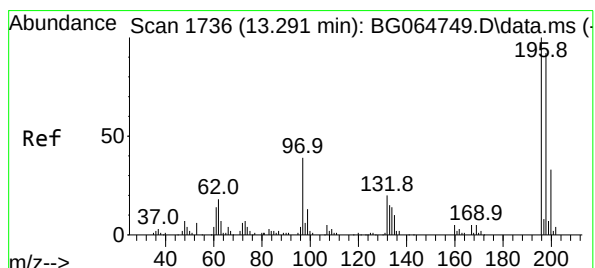
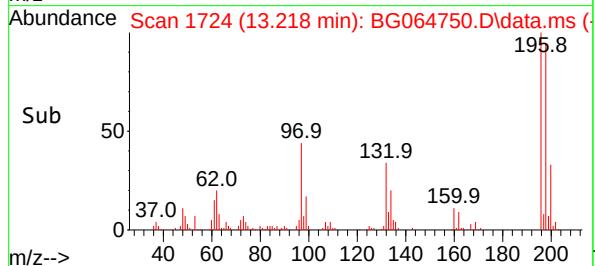
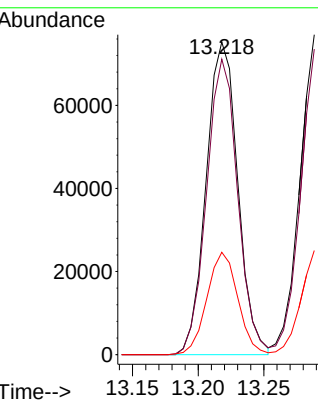
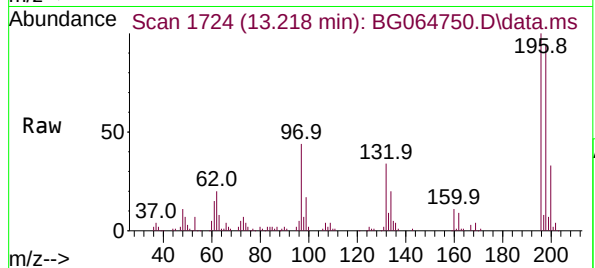
200 32.7 26.2 39.2

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

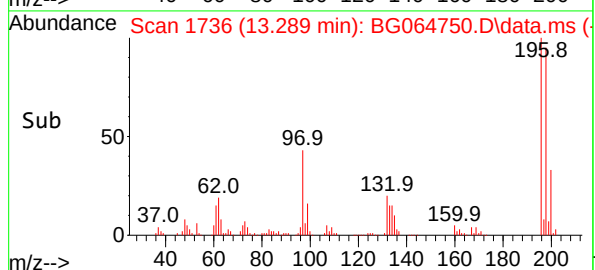
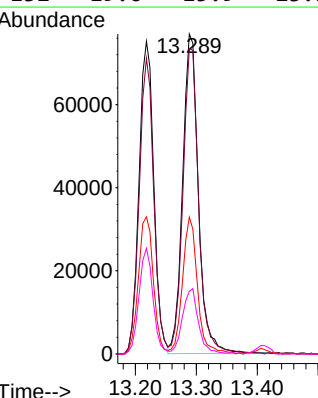
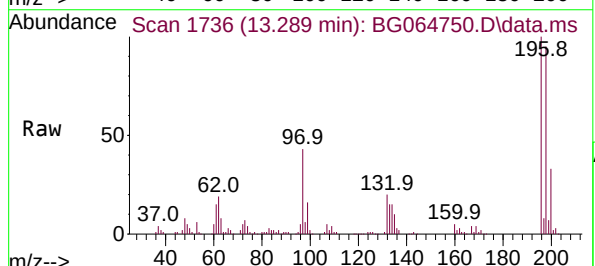
Ion Ratio Lower Upper

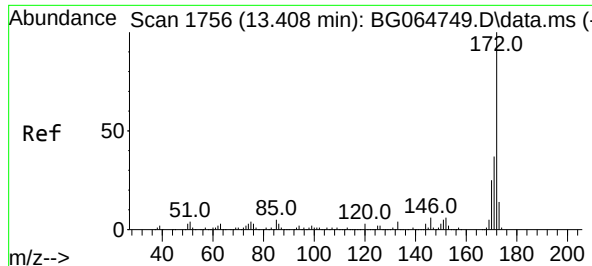
196 100

198 95.5 73.2 109.8

97 42.7 31.4 47.0

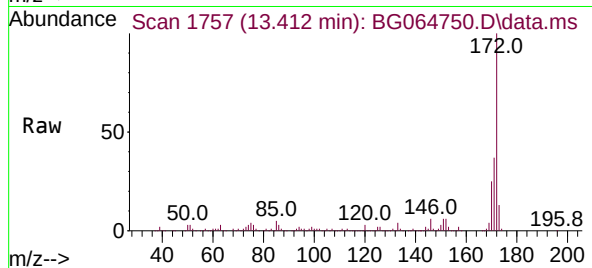
132 19.6 15.9 23.9





#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

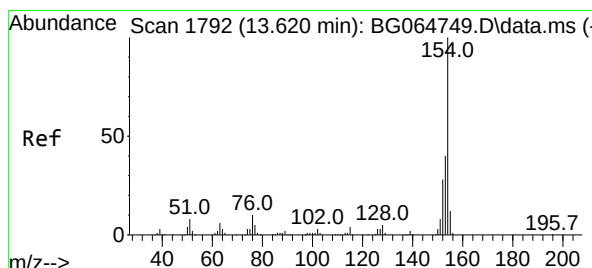
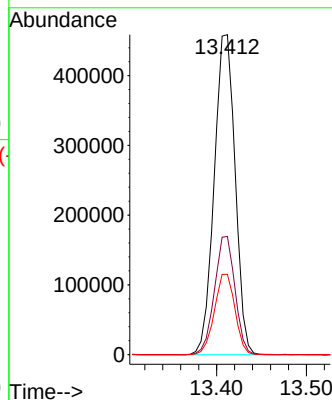
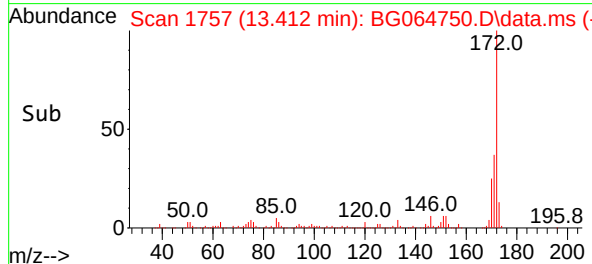
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

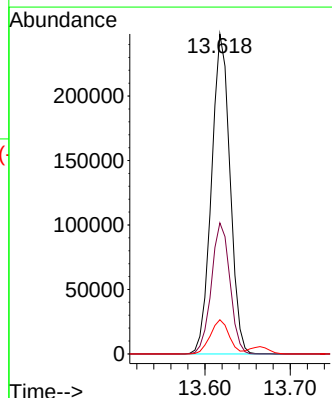
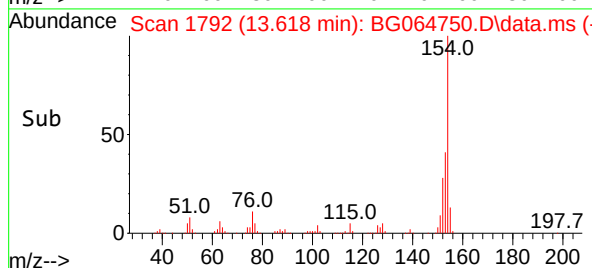
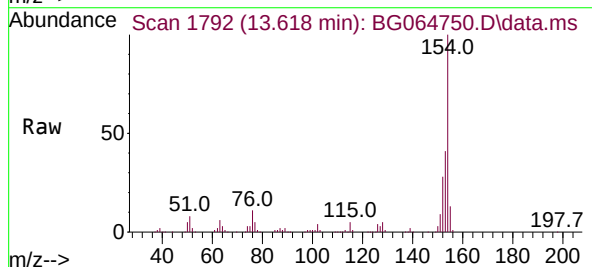
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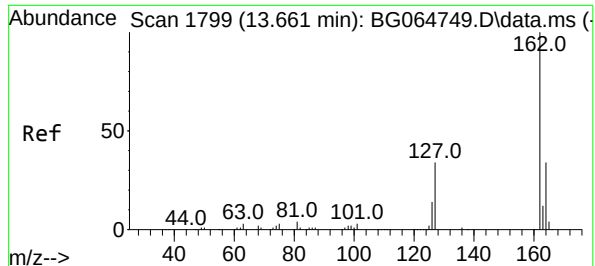
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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# 1800

Delta R.T. 0.004 min

Lab File: BG064750.D

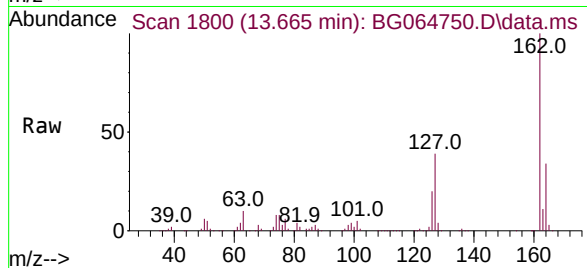
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

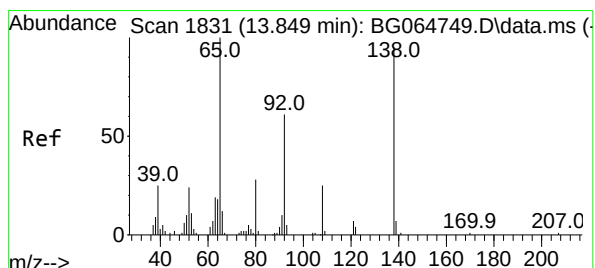
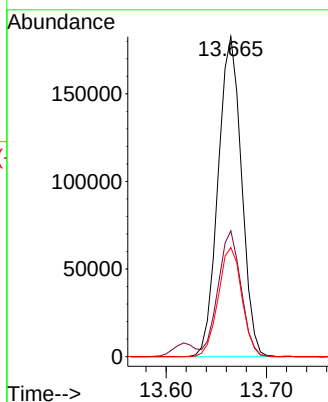
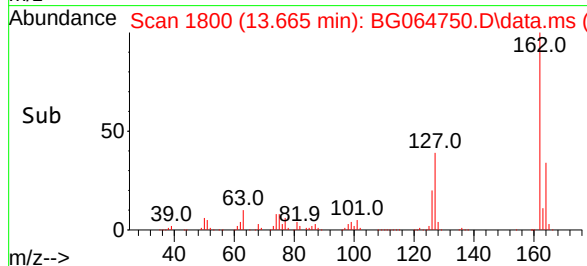


Tgt Ion:	162	Resp:	296964
Ion	Ratio	Lower	Upper
162	100		
127	39.3	30.3	45.5
164	34.1	26.8	40.2

Manual Integrations

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



#48

2-Nitroaniline

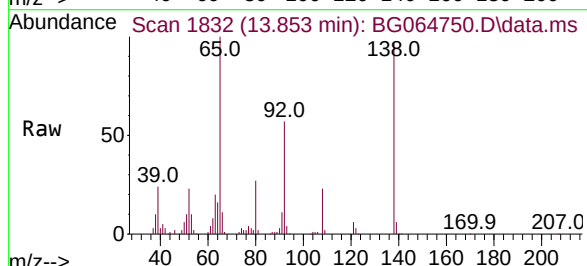
Concen: 52.606 ng

RT: 13.853 min Scan# 1832

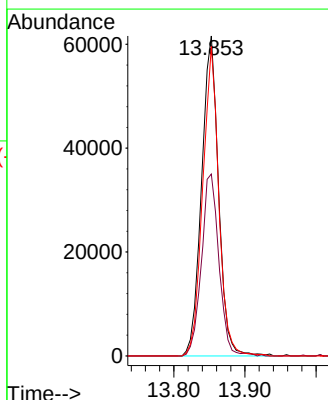
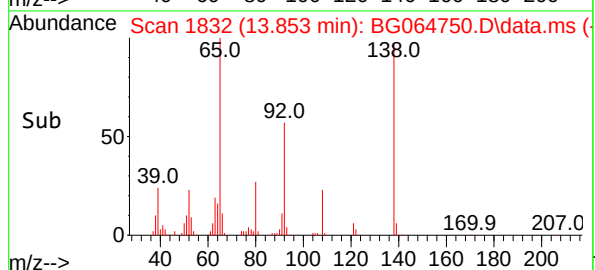
Delta R.T. 0.004 min

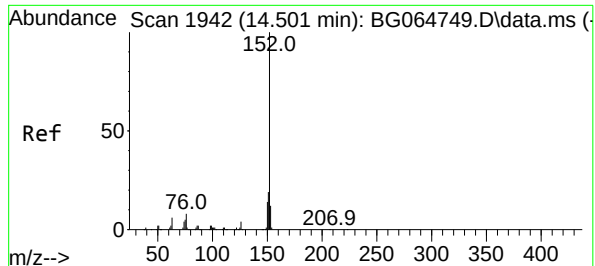
Lab File: BG064750.D

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 :

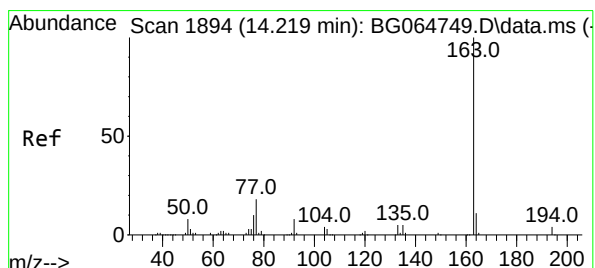
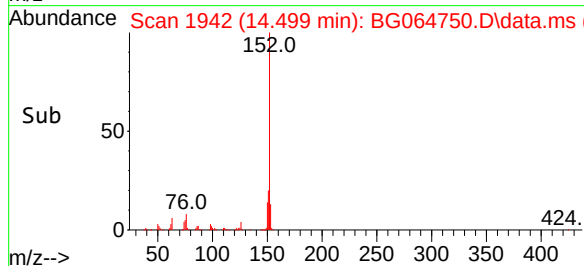
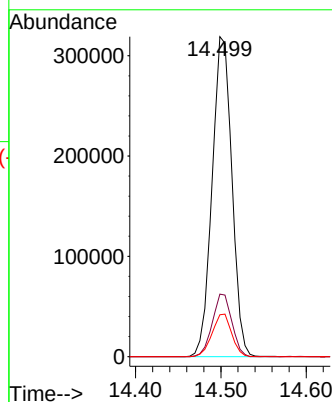
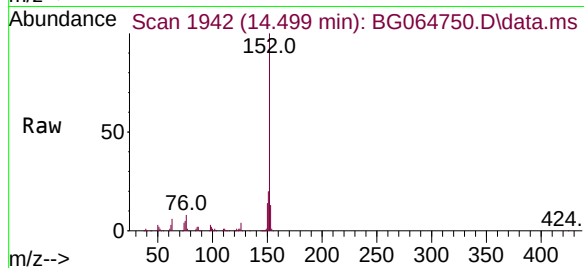
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.0	22.4
153	13.1	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: 50.001 ng

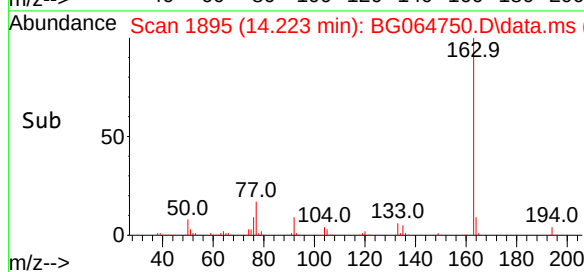
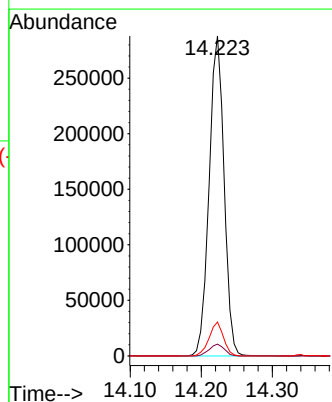
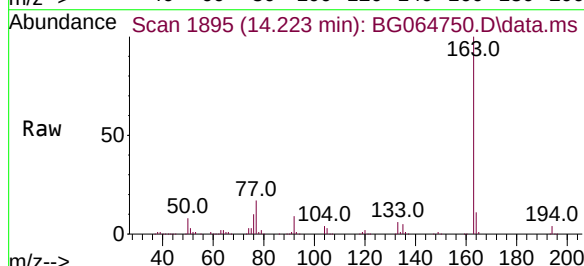
RT: 14.223 min Scan# 1895

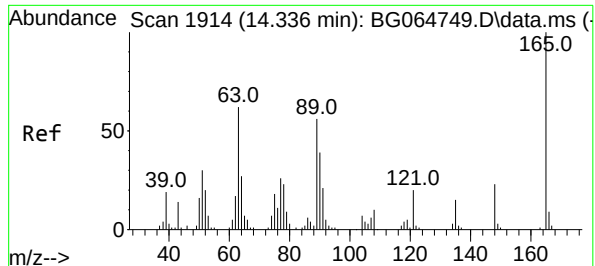
Delta R.T. 0.004 min

Lab File: BG064750.D

Acq: 12 Nov 2025 14:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.6	8.6	12.8





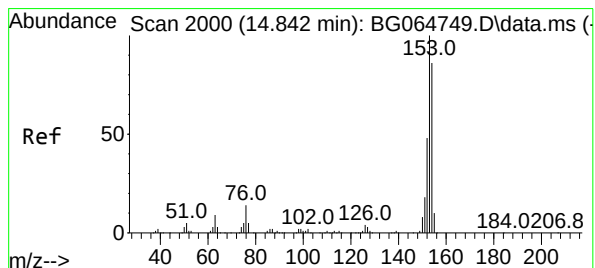
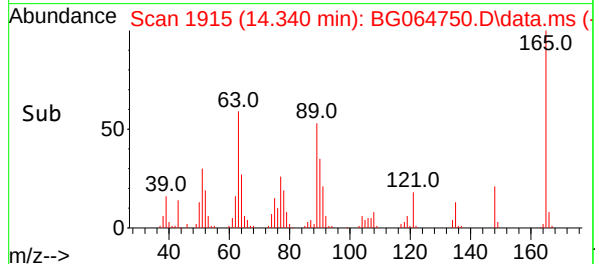
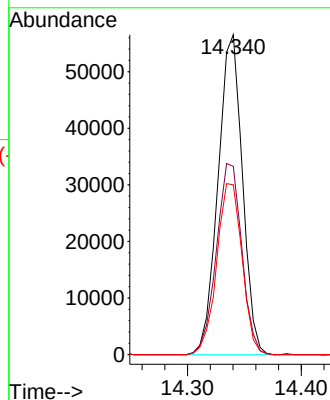
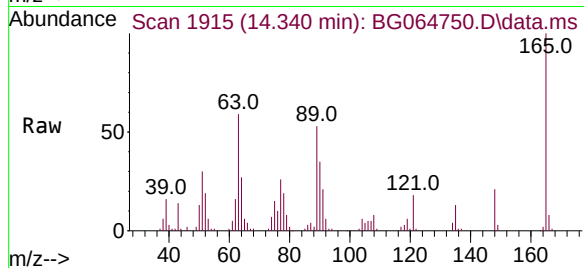
#51
2,6-Dinitrotoluene
Concen: 52.071 ng
RT: 14.340 min Scan# 1914
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

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

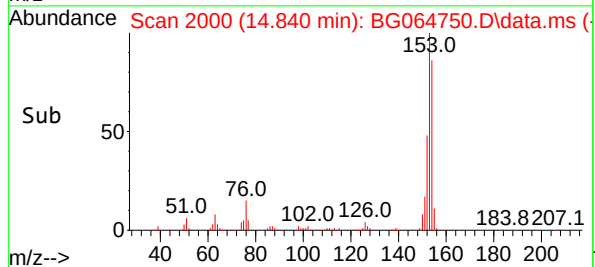
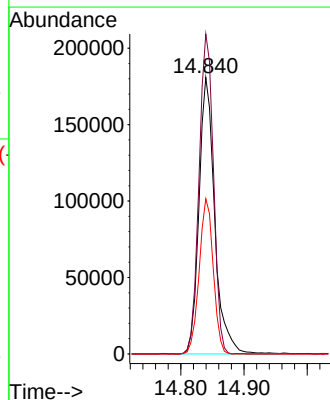
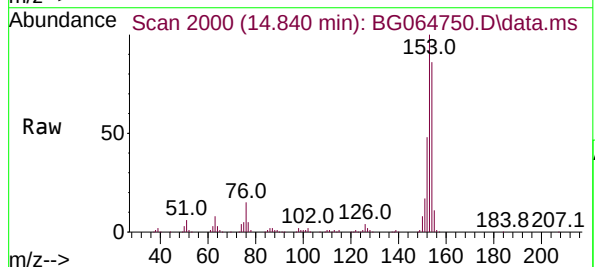
Manual Integrations
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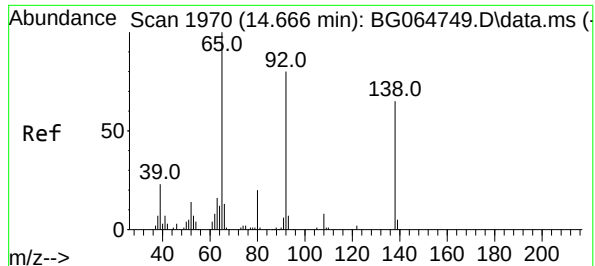
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





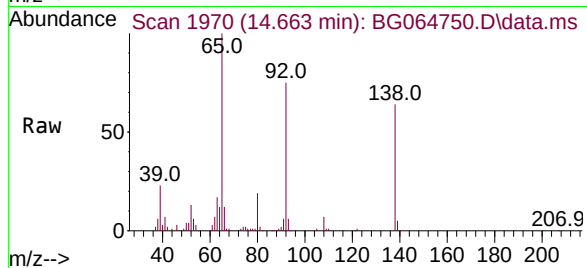
#53
3-Nitroaniline
Concen: 53.331 ng
RT: 14.663 min Scan# 1970
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

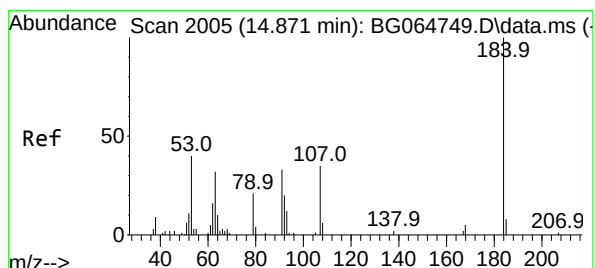
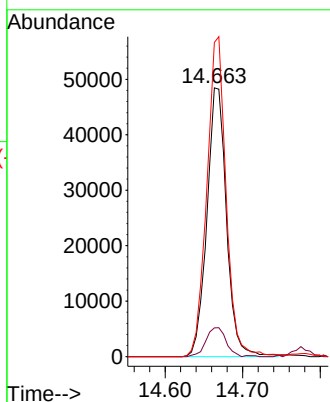
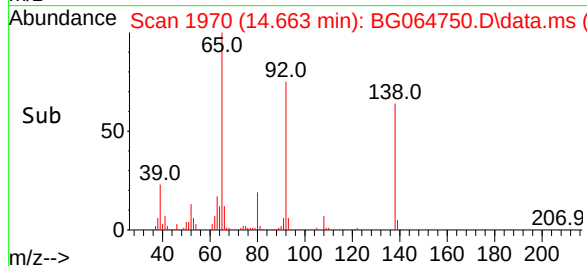


Tgt Ion:138 Resp: 85159
Ion Ratio Lower Upper
138 100
108 10.7 9.5 14.3
92 116.9 99.0 148.4

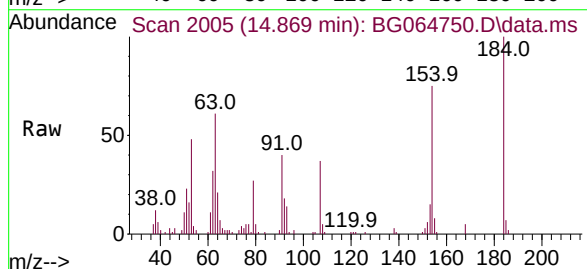
Manual Integrations

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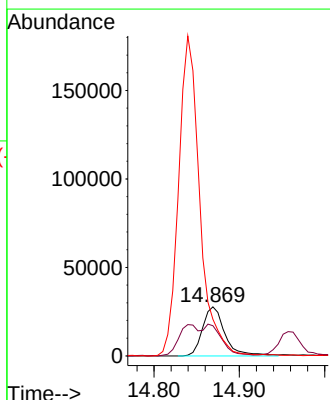
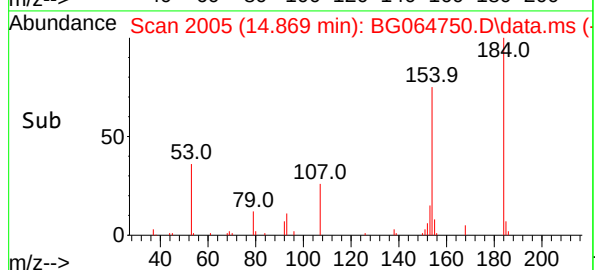
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

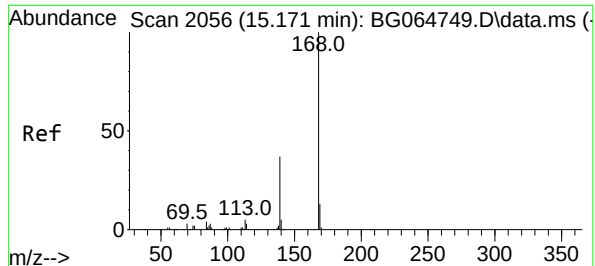


#54
2,4-Dinitrophenol
Concen: 48.998 ng
RT: 14.869 min Scan# 2005
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



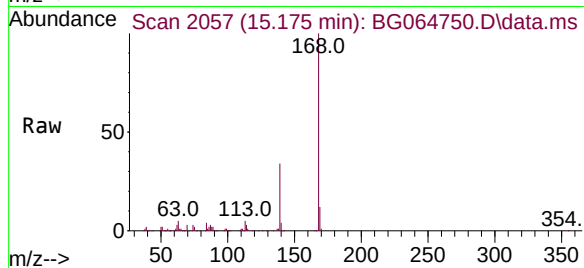
Tgt Ion:184 Resp: 50173
Ion Ratio Lower Upper
184 100
63 61.3 45.8 68.6
154 74.7 52.6 78.8





#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

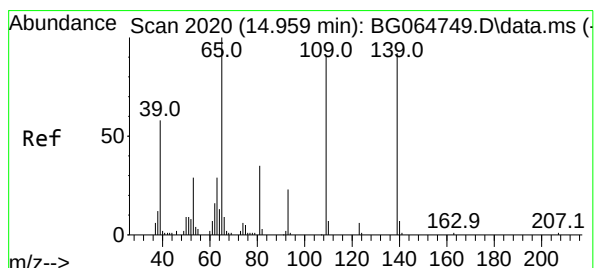
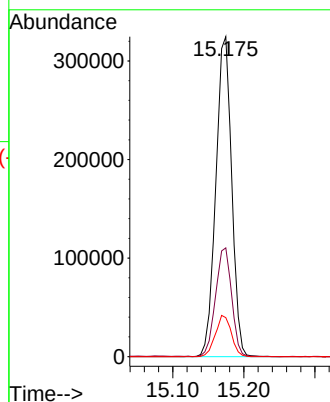
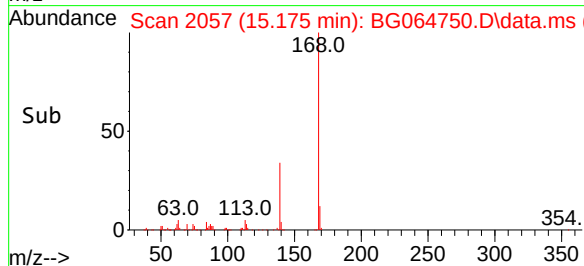
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

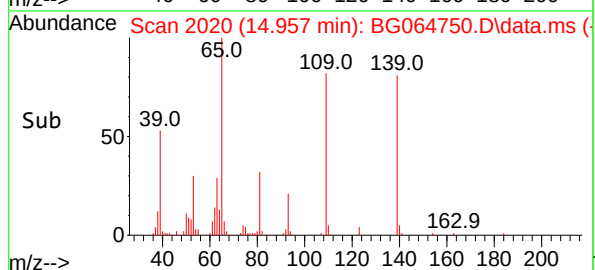
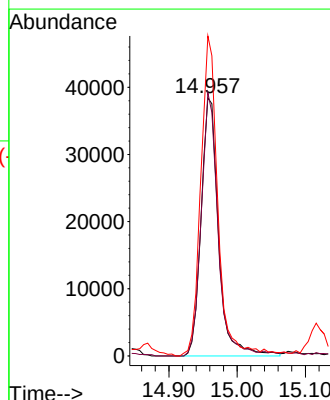
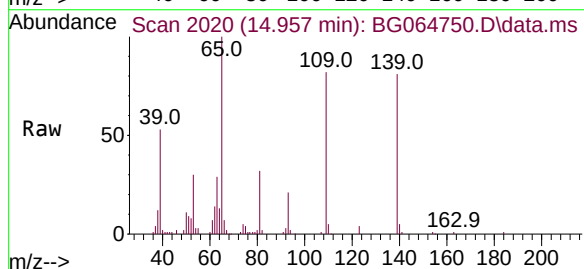
Manual Integrations
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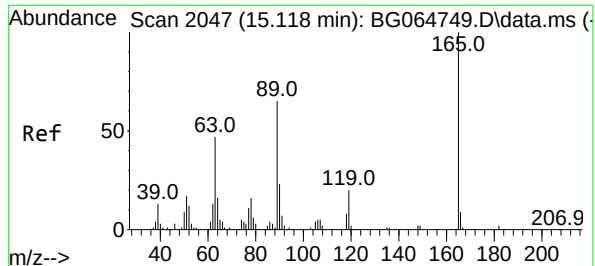
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

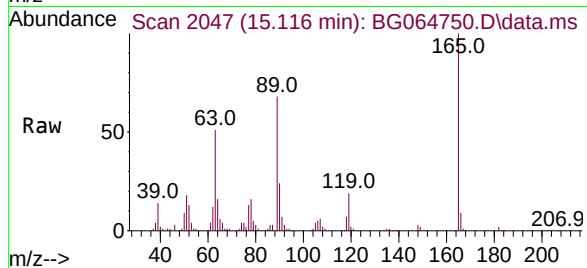
Tgt Ion:139 Resp: 68287
Ion Ratio Lower Upper
139 100
109 101.9 79.7 119.7
65 124.1 89.9 129.9





#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

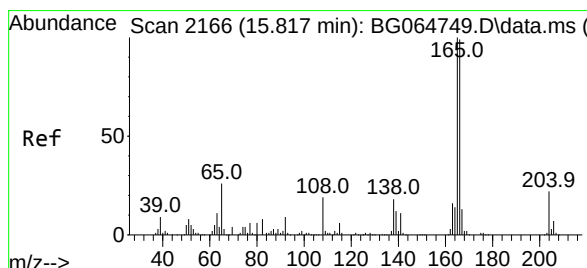
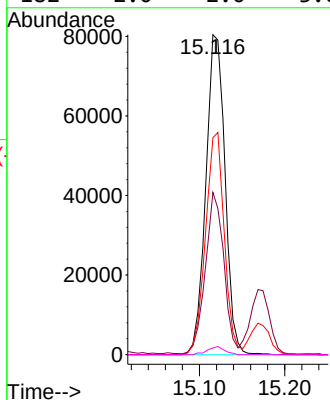
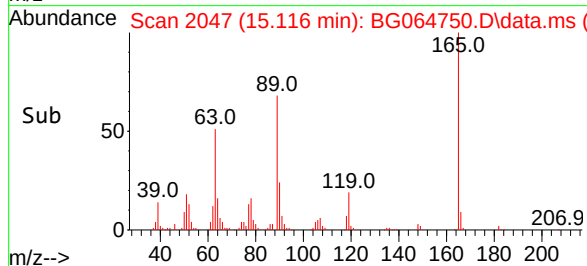
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

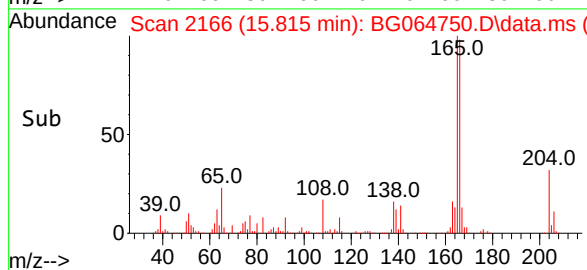
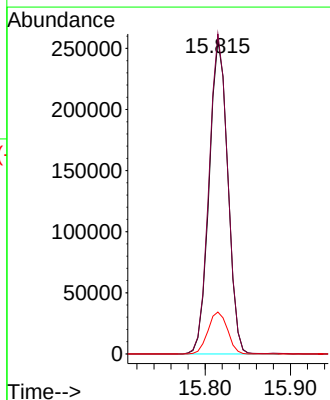
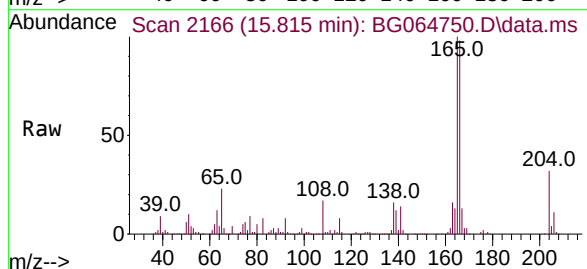
Manual Integrations
APPROVED

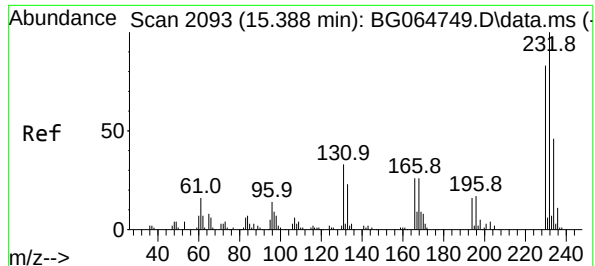
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

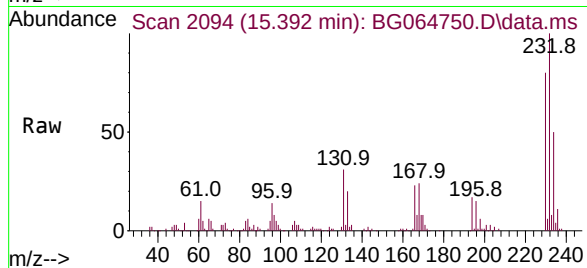
Tgt Ion:166 Resp: 388983
Ion Ratio Lower Upper
166 100
165 101.9 80.5 120.7
167 13.3 10.3 15.5





#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

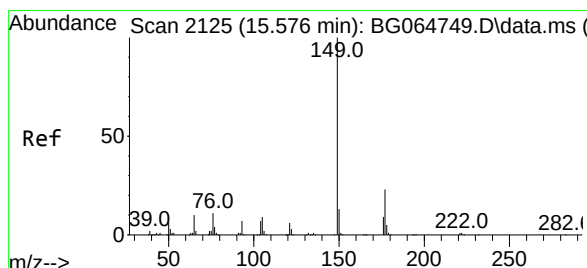
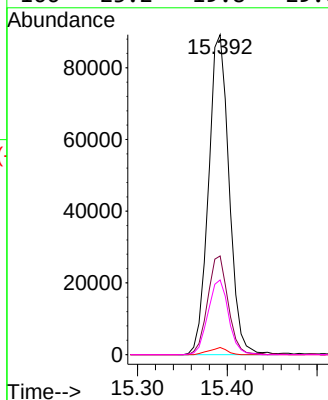
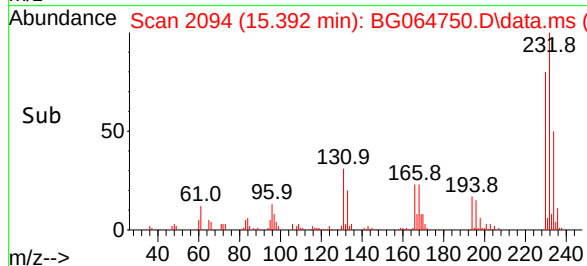
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

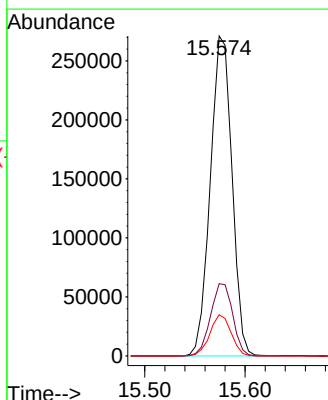
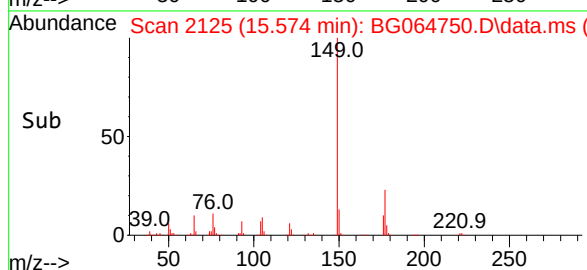
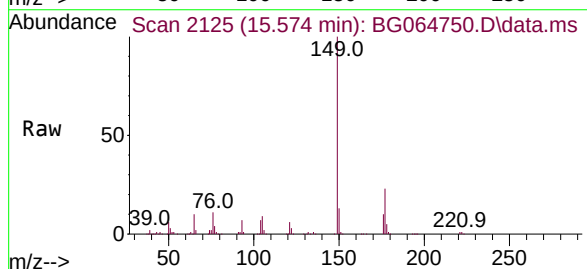
Manual Integrations
APPROVED

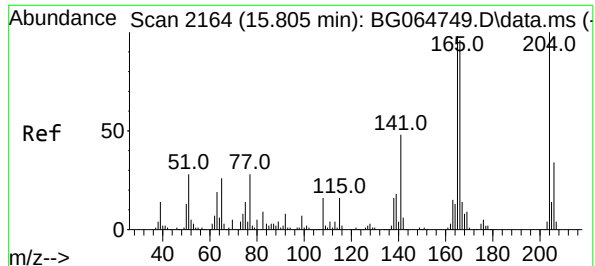
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

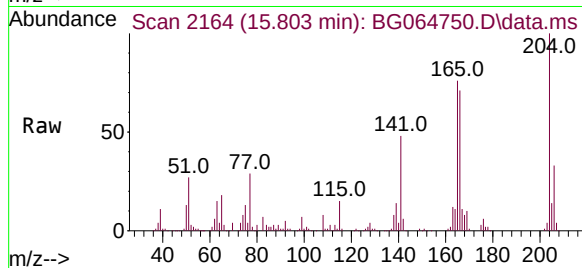
Tgt Ion:149 Resp: 407694
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.9 10.1 15.1





#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

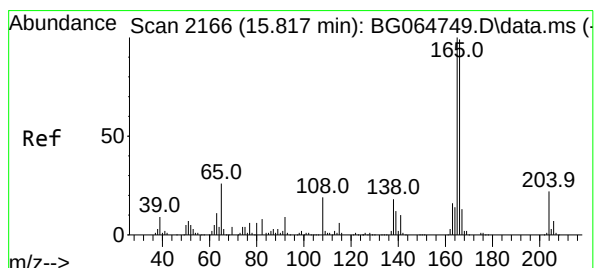
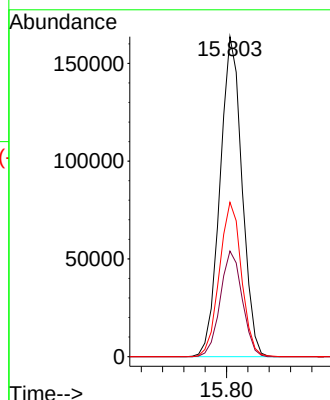
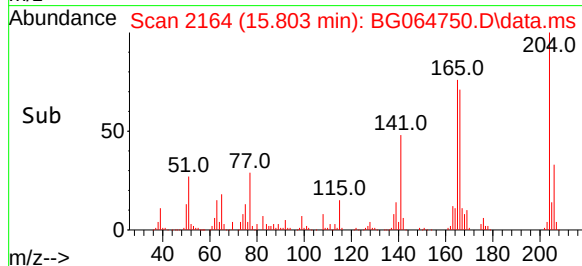
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



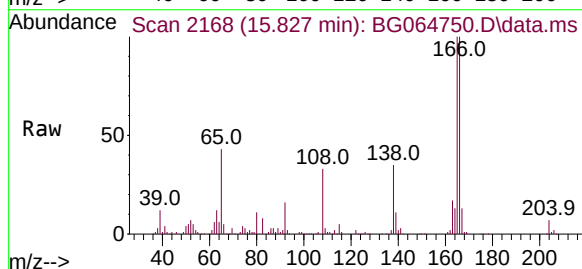
Tgt Ion:204 Resp: 234740
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 48.2 38.1 57.1

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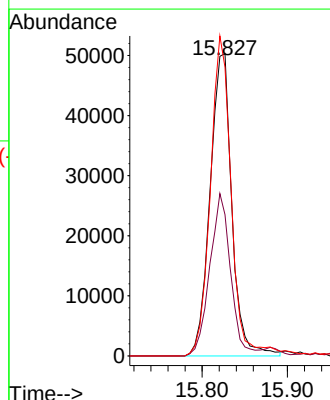
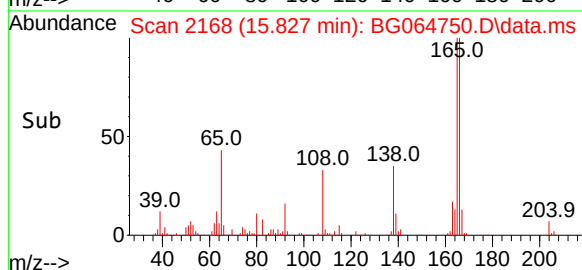
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

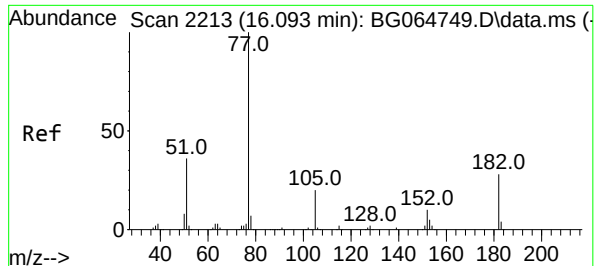


#62
4-Nitroaniline
Concen: 53.925 ng
RT: 15.827 min Scan# 2168
Delta R.T. 0.010 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



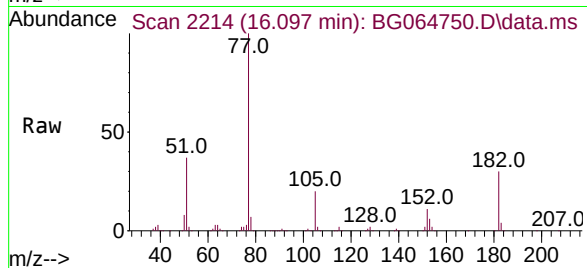
Tgt Ion:138 Resp: 89205
Ion Ratio Lower Upper
138 100
92 46.7 30.7 70.7
108 95.4 85.7 125.7





#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

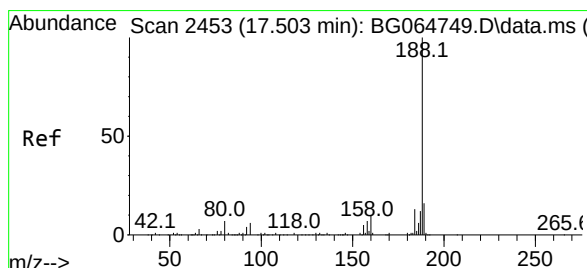
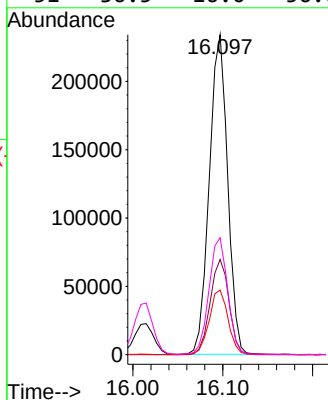
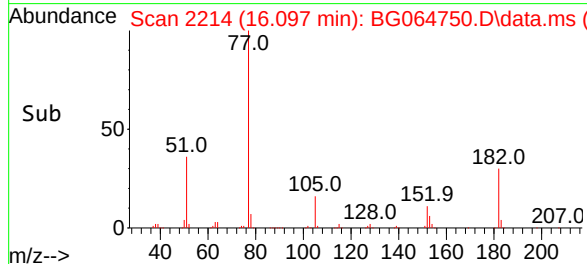
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



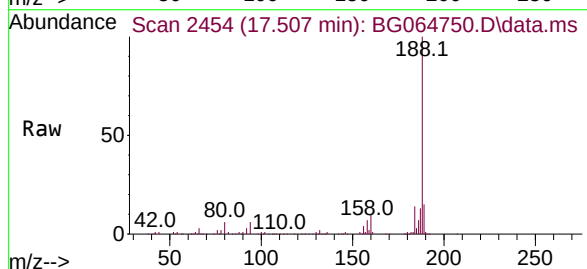
Tgt Ion: 77 Resp: 332609
Ion Ratio Lower Upper
77 100
182 29.7 8.1 48.1
105 20.2 0.1 40.1
51 36.5 16.0 56.0

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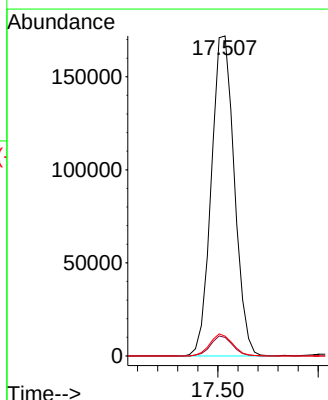
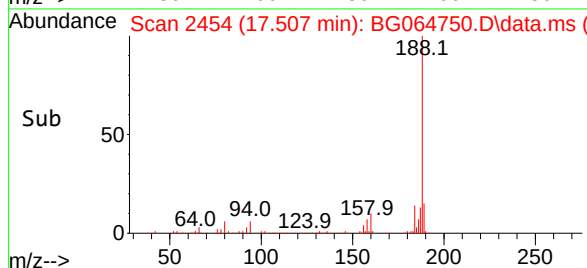
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

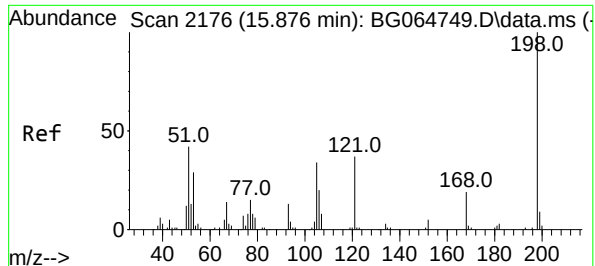


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2454
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



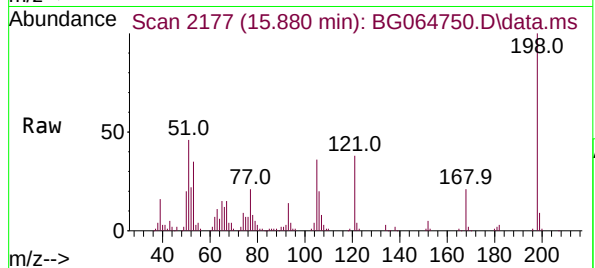
Tgt Ion:188 Resp: 274480
Ion Ratio Lower Upper
188 100
94 5.8 4.7 7.1
80 6.2 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 54.533 ng
RT: 15.880 min Scan# 2177
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

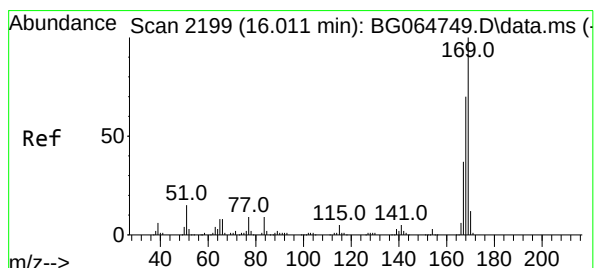
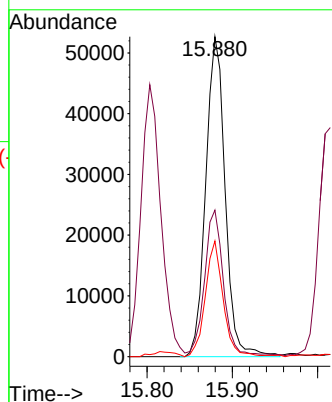
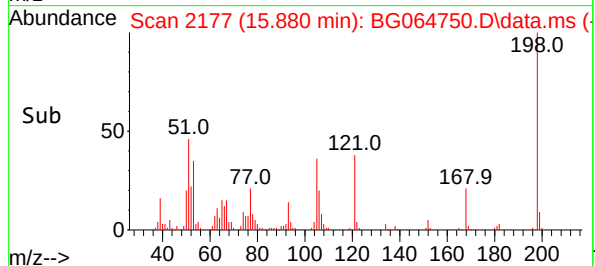
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

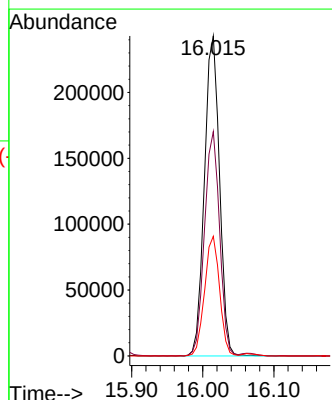
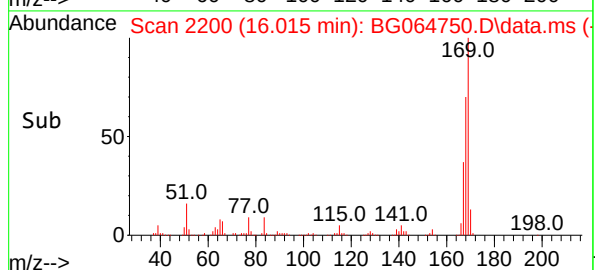
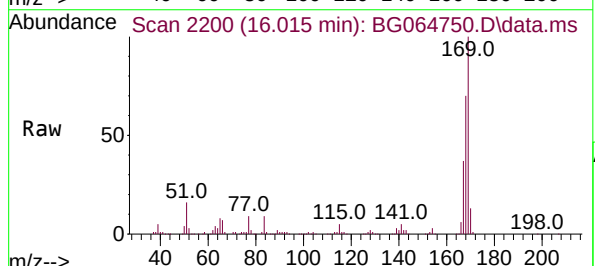
Manual Integrations
APPROVED

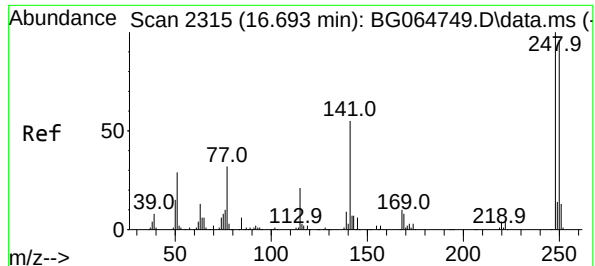
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





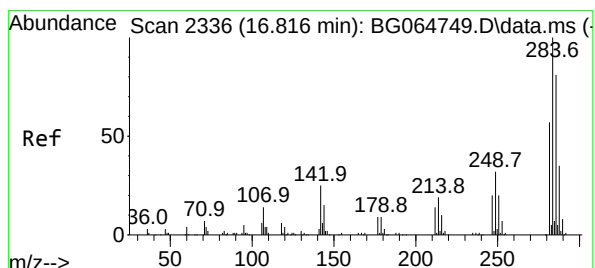
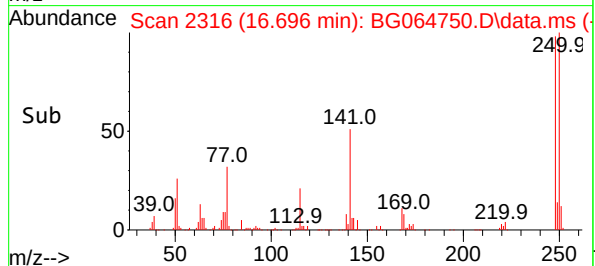
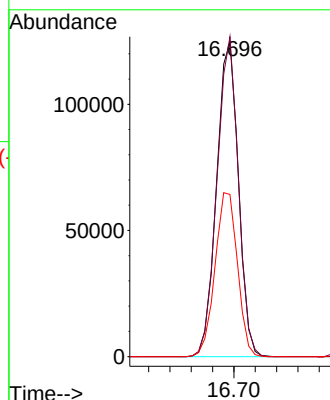
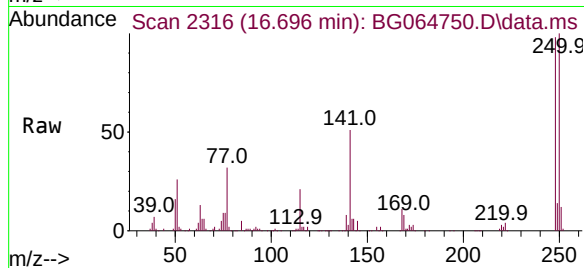
#67
4-Bromophenyl-phenylether
Concen: 49.273 ng
RT: 16.696 min Scan# 2315
Delta R.T. 0.004 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 177607
Ion Ratio Lower Upper
248 100
250 101.5 77.0 115.6
141 51.5 43.7 65.5

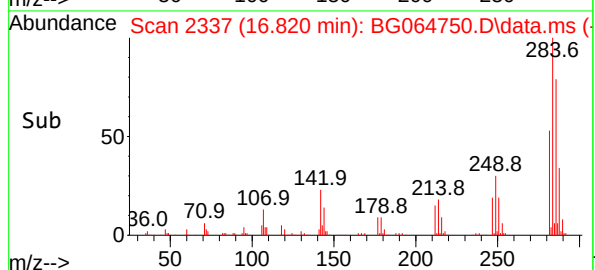
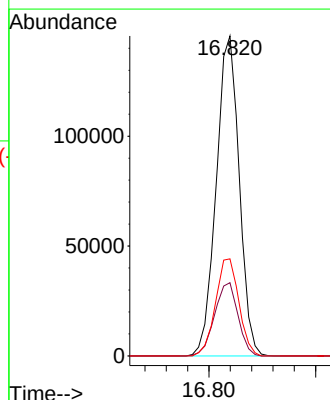
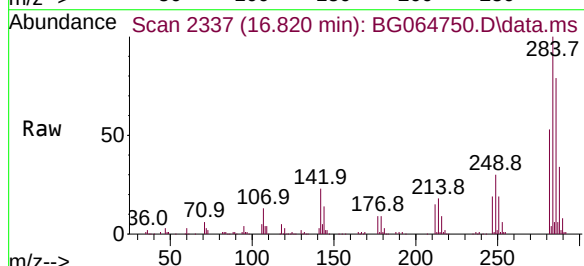
Manual Integrations
APPROVED

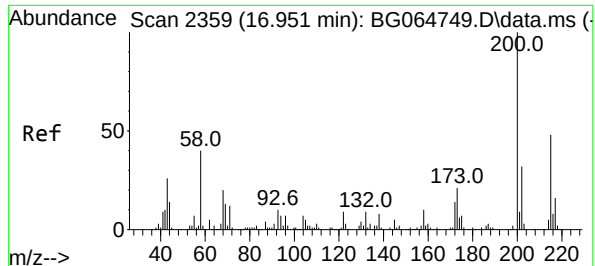
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

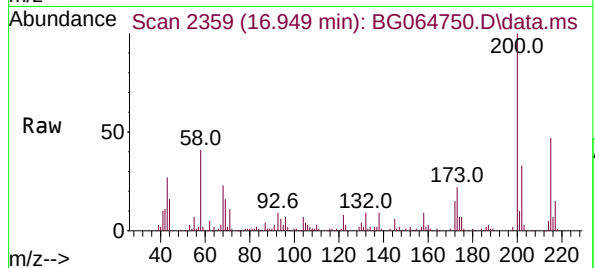
Tgt Ion:284 Resp: 218143
Ion Ratio Lower Upper
284 100
142 22.9 19.7 29.5
249 32.0 28.1 42.1





#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

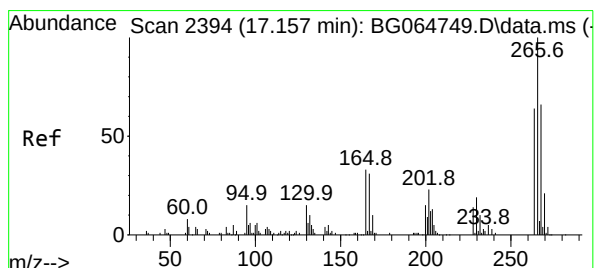
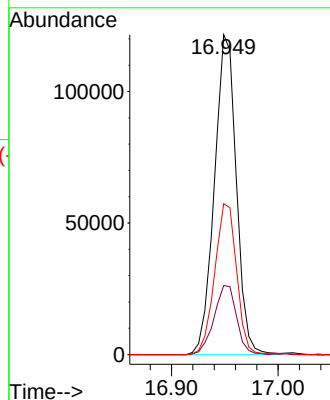
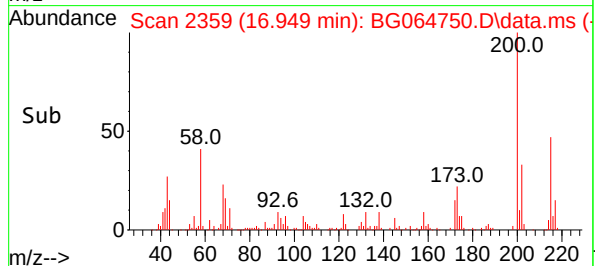
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



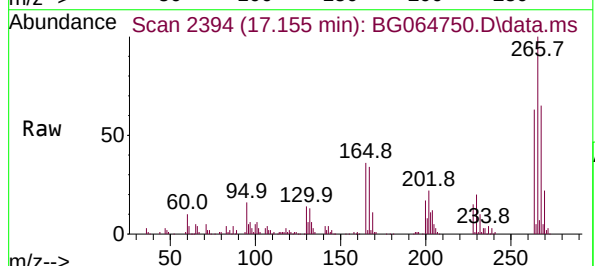
Tgt Ion:200 Resp: 173976
Ion Ratio Lower Upper
200 100
173 21.6 0.9 40.9
215 47.2 27.5 67.5

Manual Integrations
APPROVED

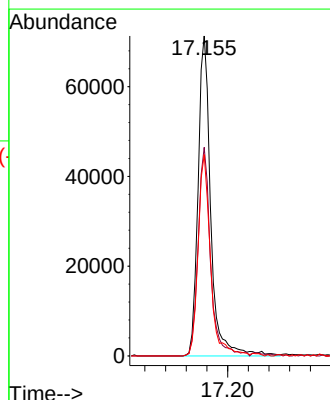
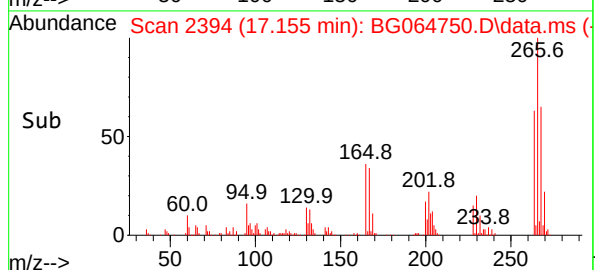
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

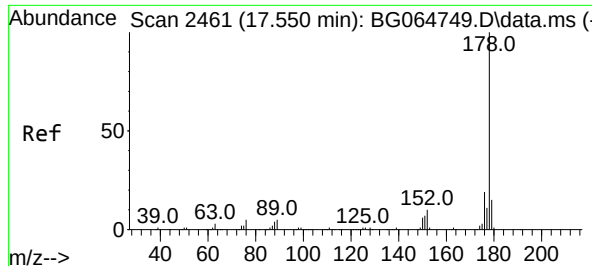


#70
Pentachlorophenol
Concen: 49.449 ng
RT: 17.155 min Scan# 2394
Delta R.T. -0.002 min
Lab File: BG064750.D
Acq: 12 Nov 2025 14:41



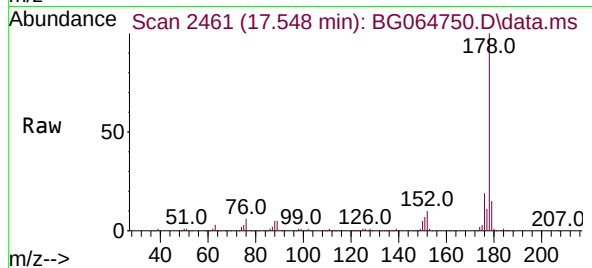
Tgt Ion:266 Resp: 121224
Ion Ratio Lower Upper
266 100
268 65.2 56.1 84.1
264 68.3 51.2 76.8





#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

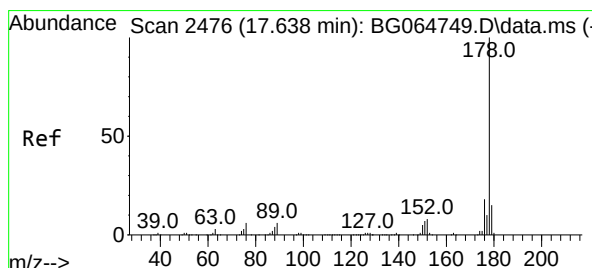
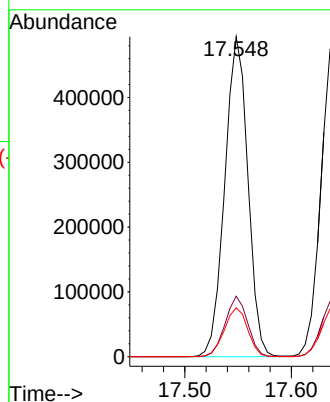
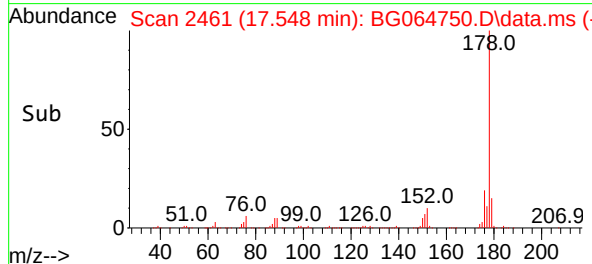
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

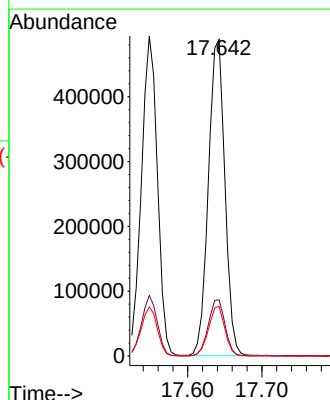
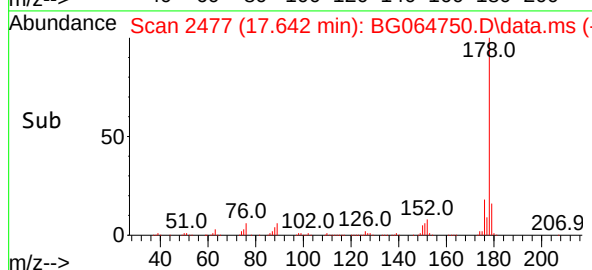
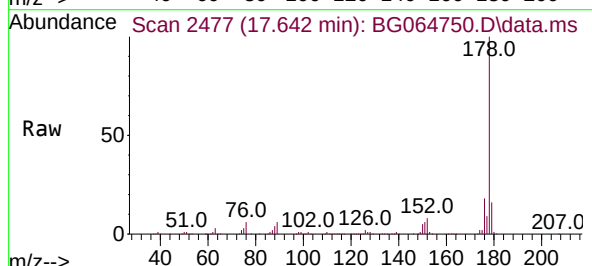
Manual Integrations
APPROVED

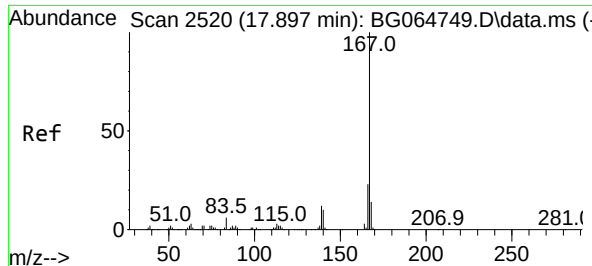
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

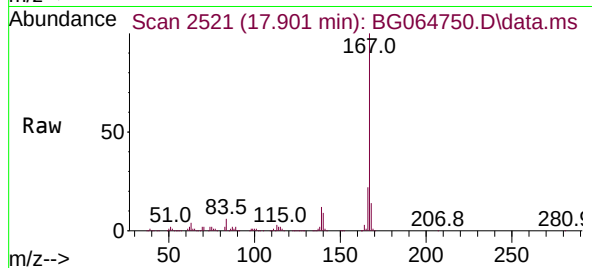
Tgt Ion:178 Resp: 754273
Ion Ratio Lower Upper
178 100
176 17.7 14.5 21.7
179 15.7 12.2 18.4





#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

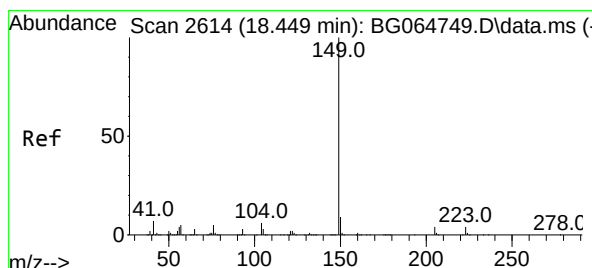
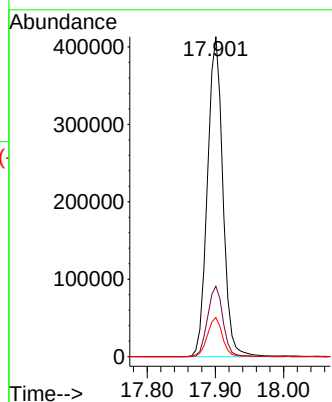
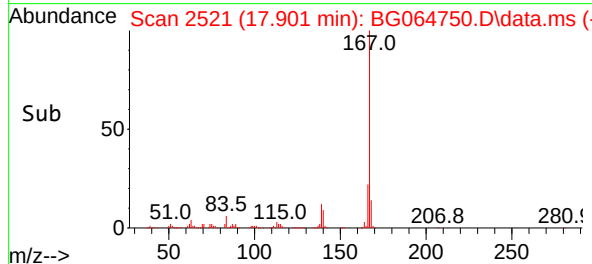
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

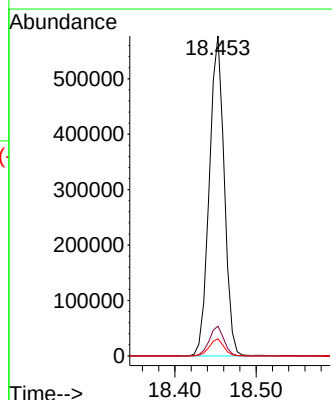
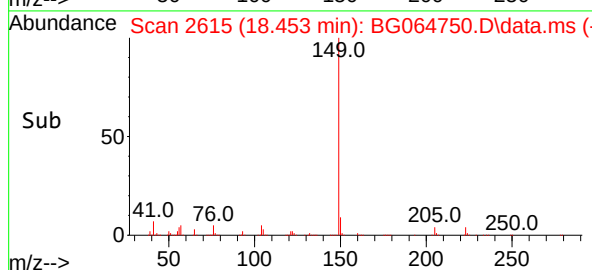
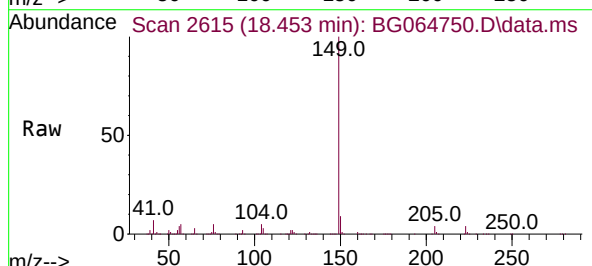
Manual Integrations
APPROVED

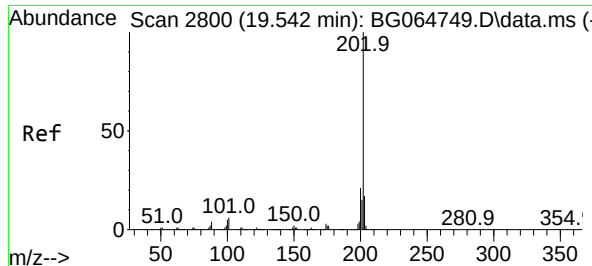
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

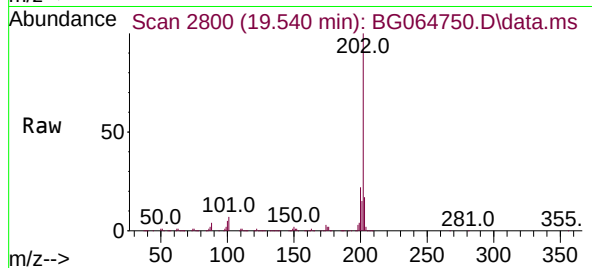
Tgt Ion:149 Resp: 738268
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.3 4.4 6.6





#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

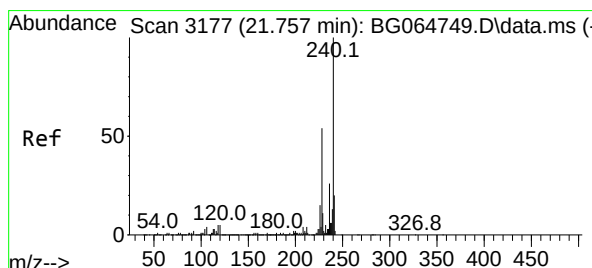
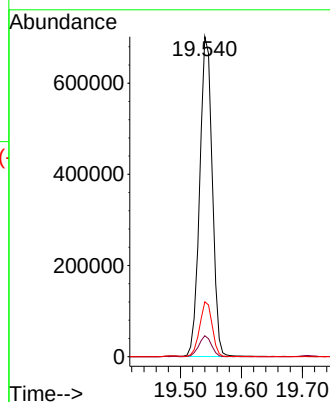
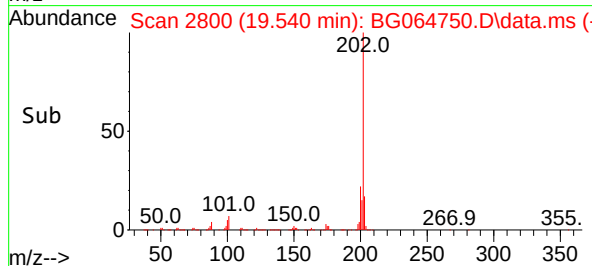
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

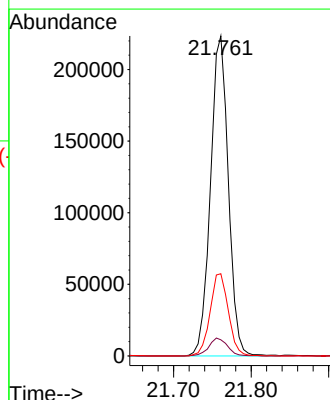
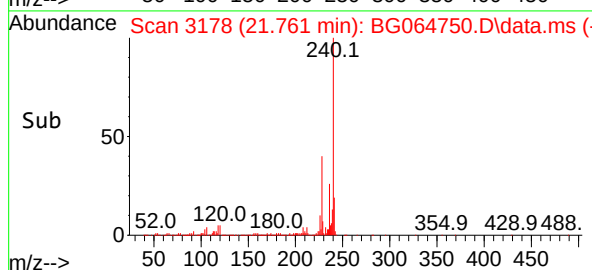
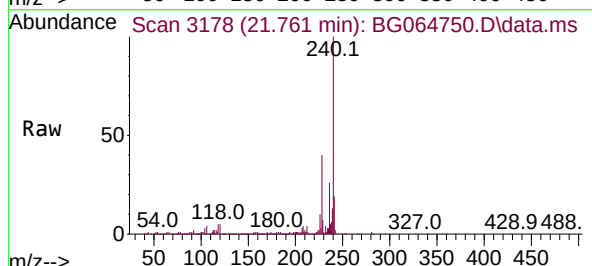
Manual Integrations
APPROVED

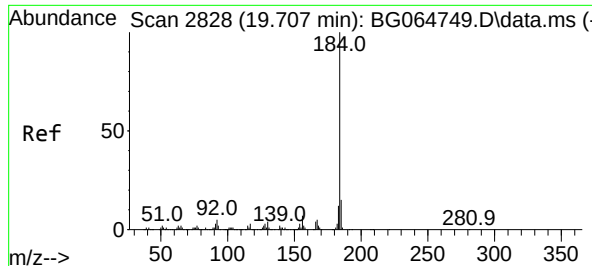
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

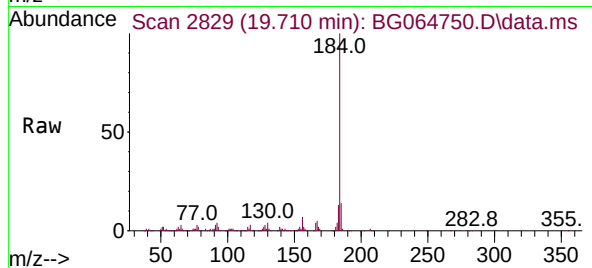
Tgt Ion:240 Resp: 357345
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.4
236 25.7 20.8 31.2





#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

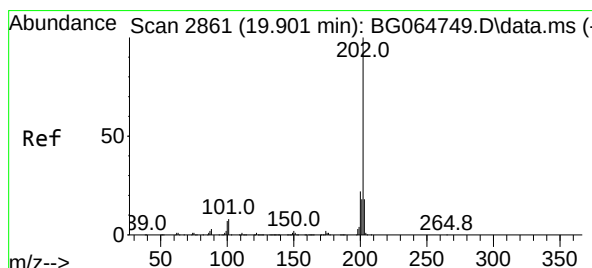
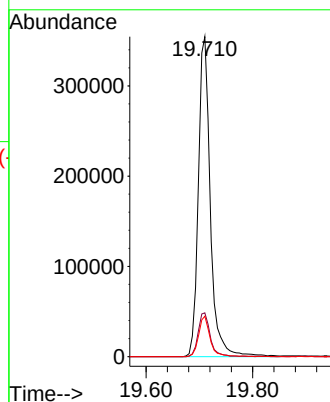
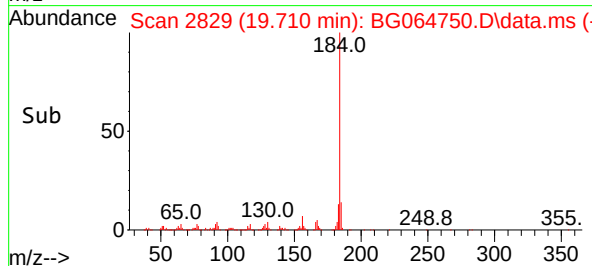
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

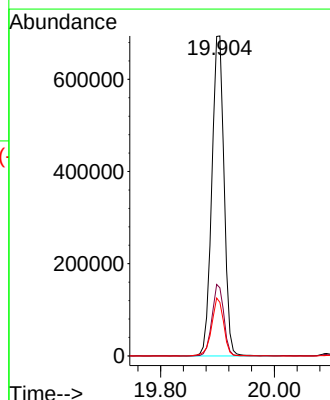
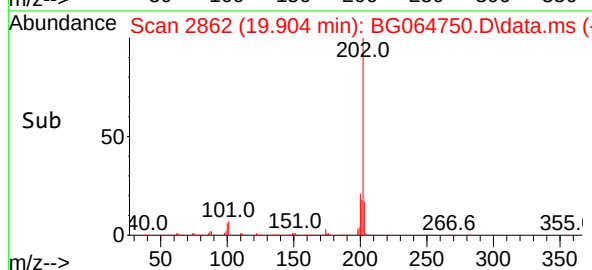
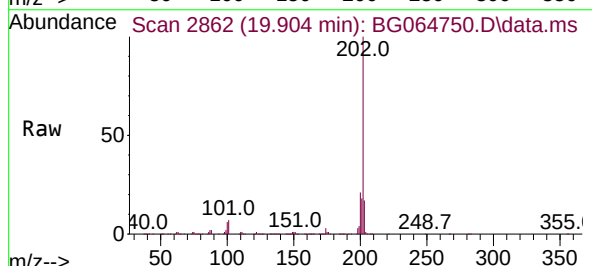
Manual Integrations
APPROVED

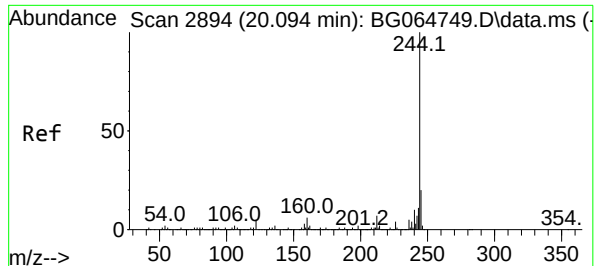
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

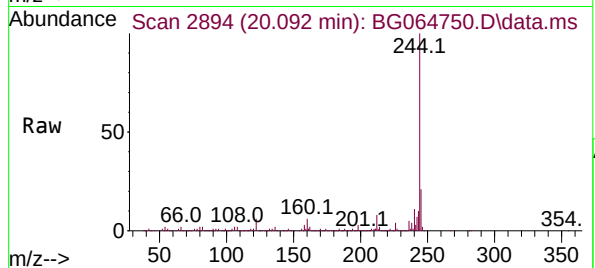
Tgt Ion:202 Resp: 1040032
Ion Ratio Lower Upper
202 100
200 21.3 17.9 26.9
203 16.7 14.0 21.0





#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

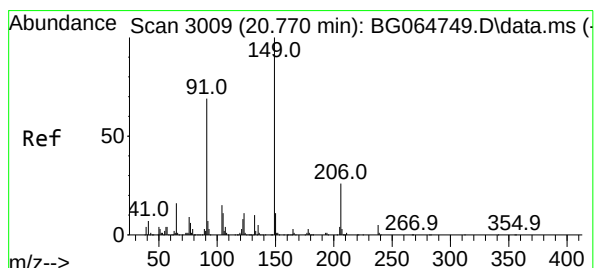
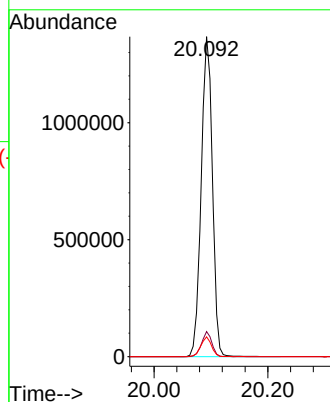
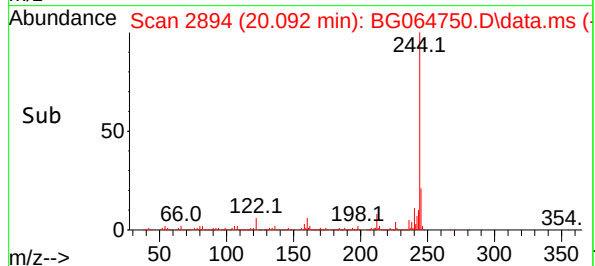
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

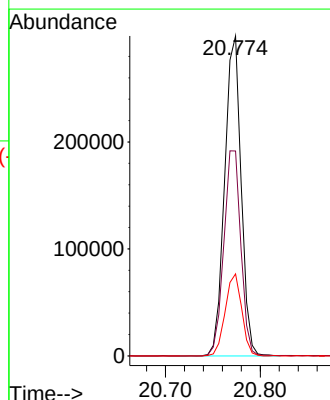
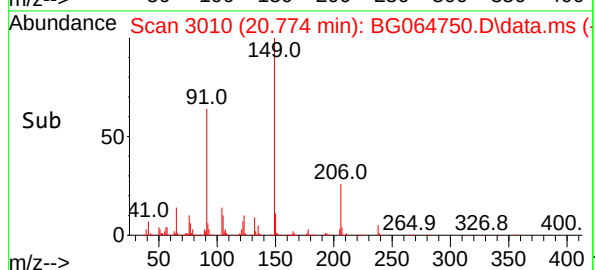
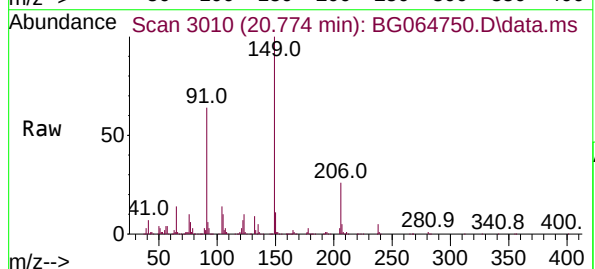
Manual Integrations
APPROVED

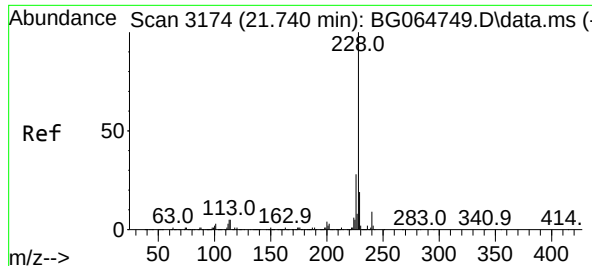
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

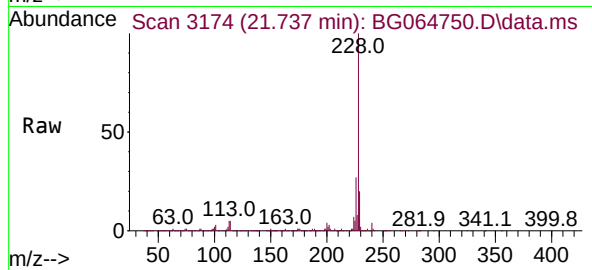
Tgt Ion:149 Resp: 360898
Ion Ratio Lower Upper
149 100
91 64.0 54.9 82.3
206 25.6 21.2 31.8





#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

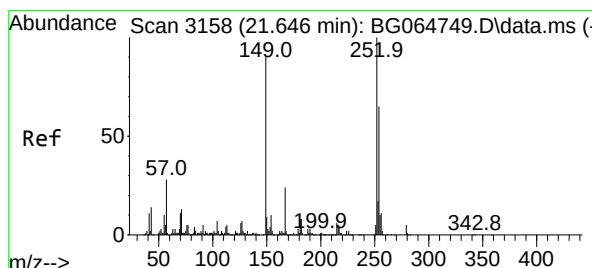
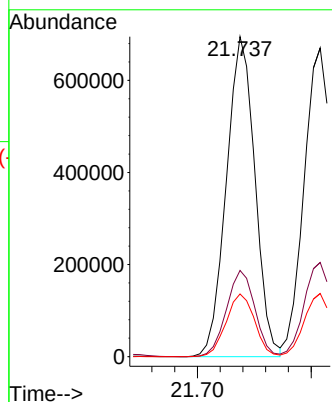
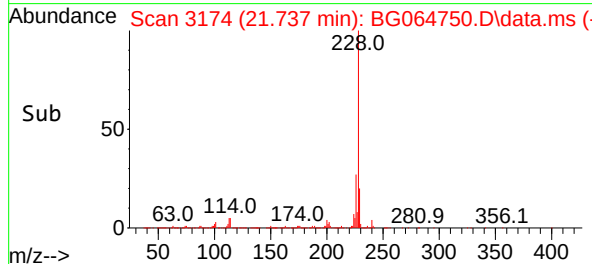
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

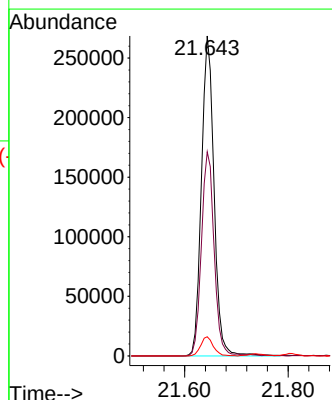
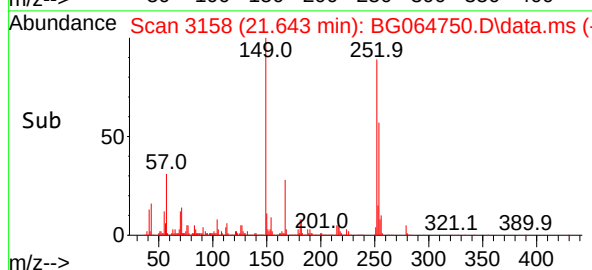
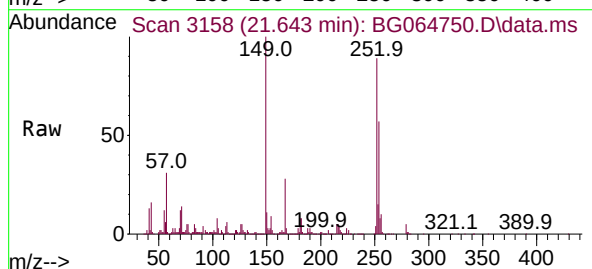
Manual Integrations
APPROVED

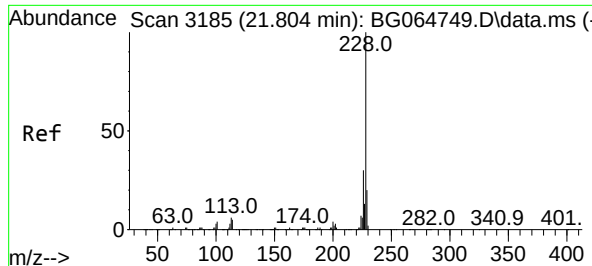
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

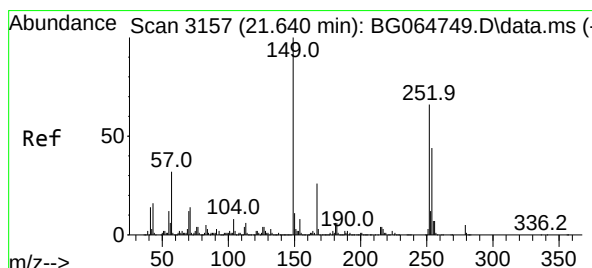
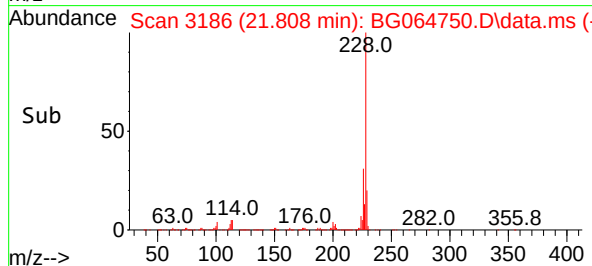
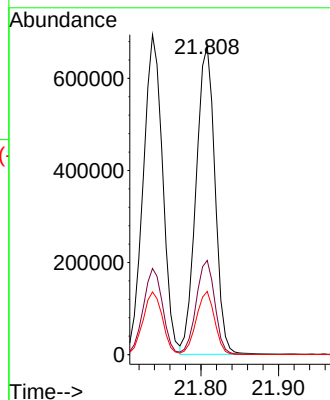
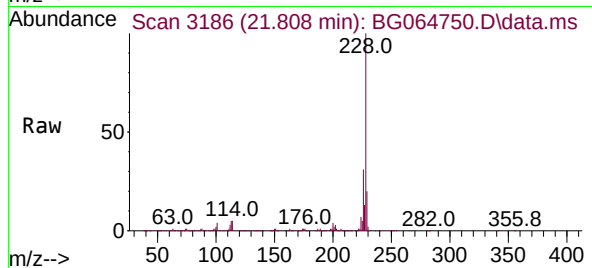
229 20.5 16.0 24.0

Manual Integrations

APPROVED

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

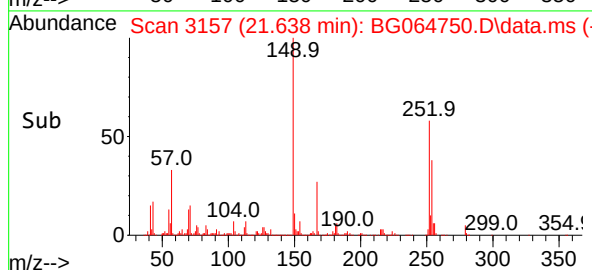
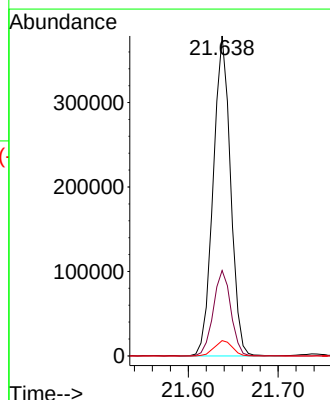
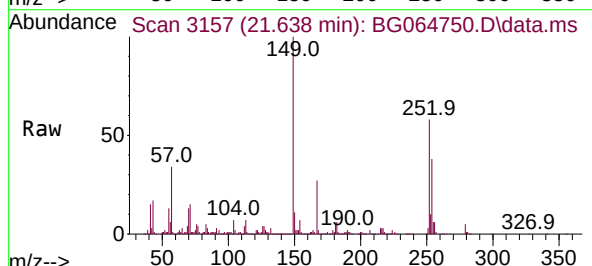
Tgt Ion:149 Resp: 509870

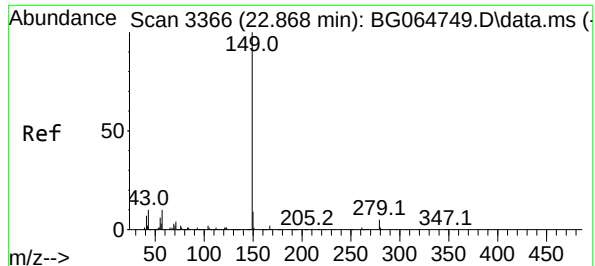
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.4

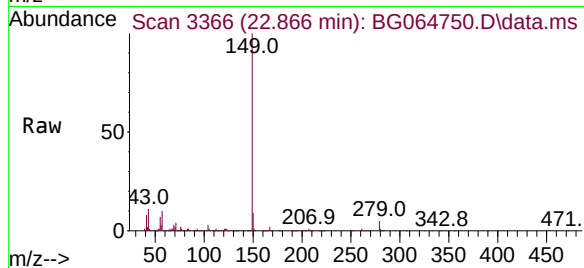
279 4.8 4.1 6.1





#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

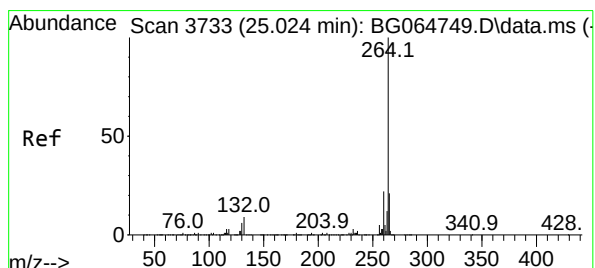
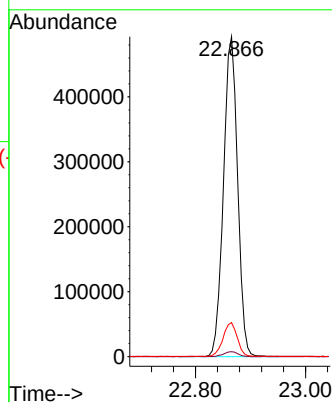
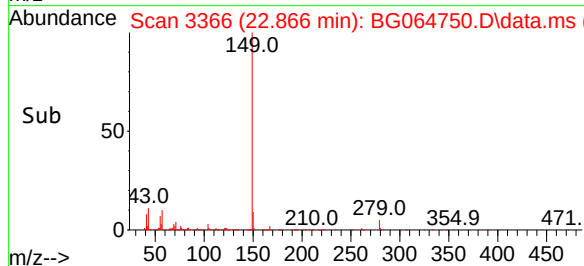
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

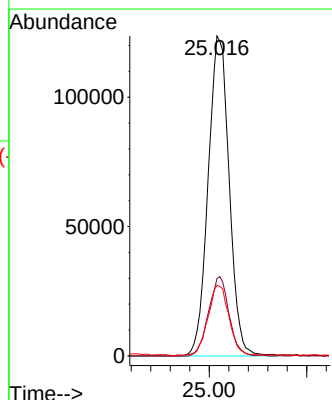
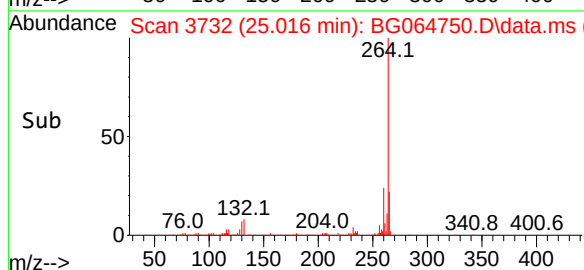
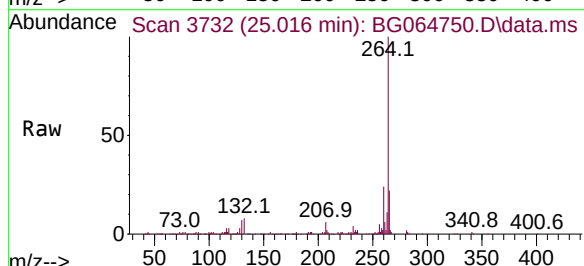
Manual Integrations
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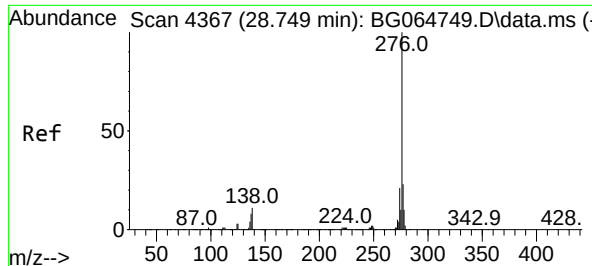
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

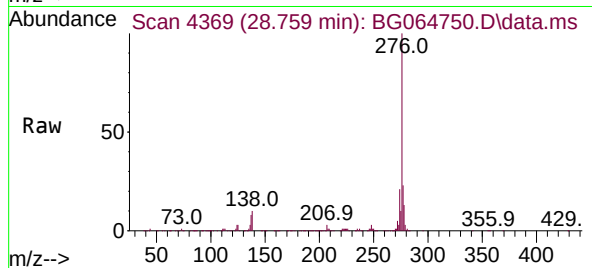
Tgt Ion:264 Resp: 371257
Ion Ratio Lower Upper
264 100
260 24.2 17.2 25.8
265 22.1 16.6 25.0





#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

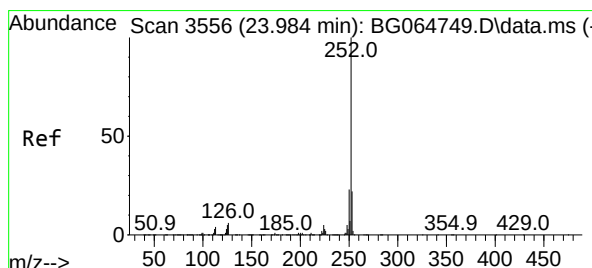
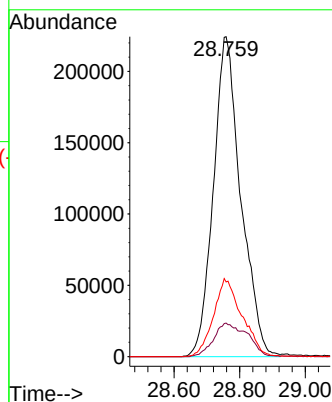
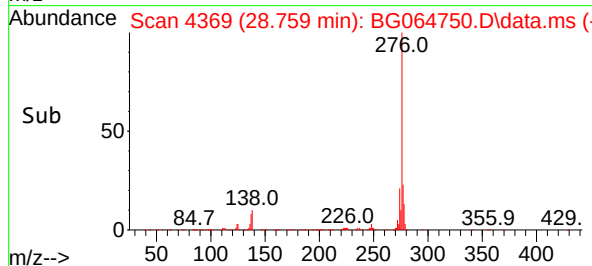
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



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

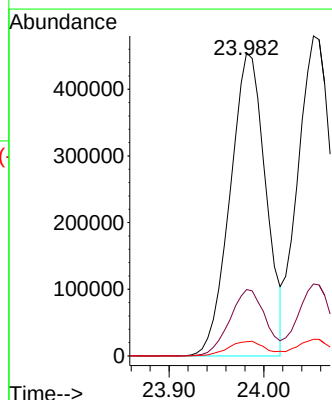
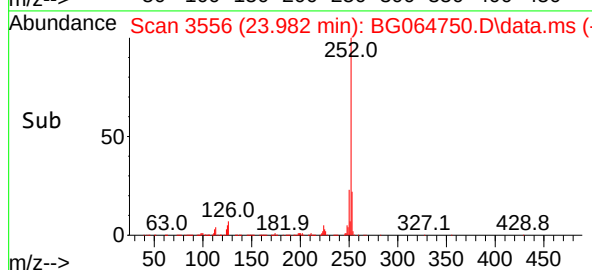
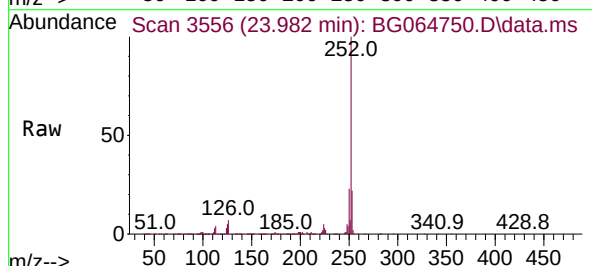
Manual Integrations
APPROVED

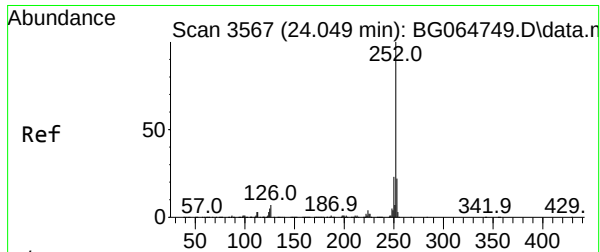
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

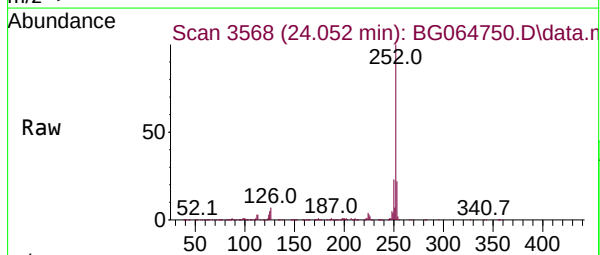
Acq: 12 Nov 2025 14:41

Instrument :

BNA_G

ClientSampleId :

SSTDICC050



Tgt Ion:252 Resp: 118702

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

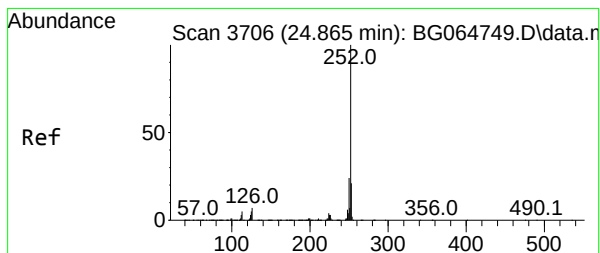
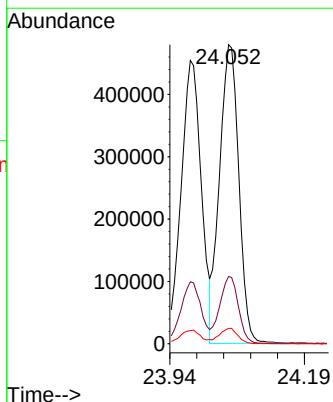
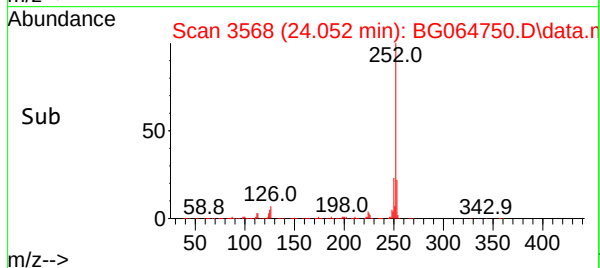
125 5.2 4.1 6.1

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

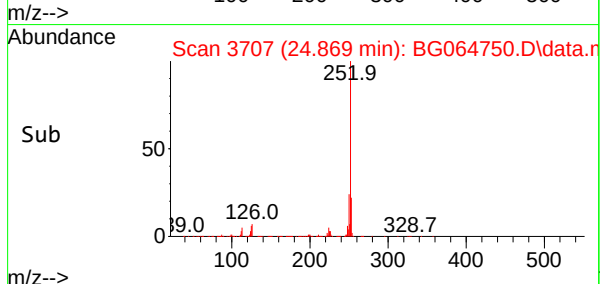
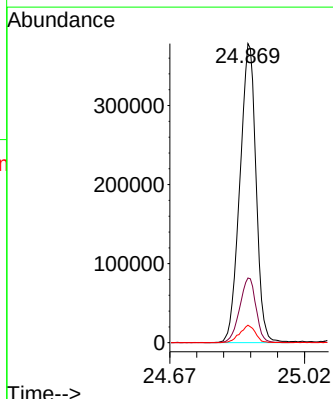
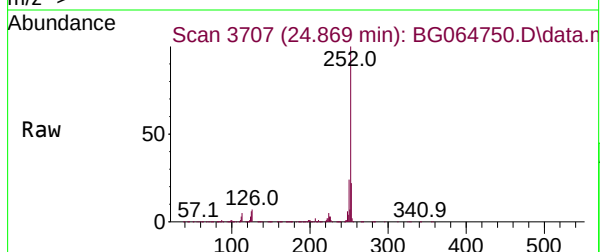
Tgt Ion:252 Resp: 1096687

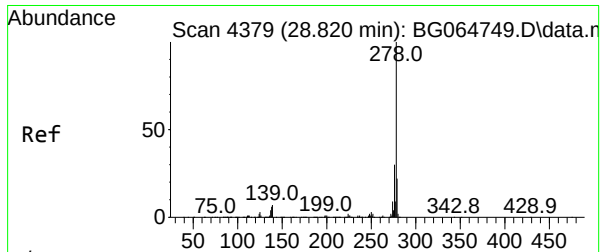
Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

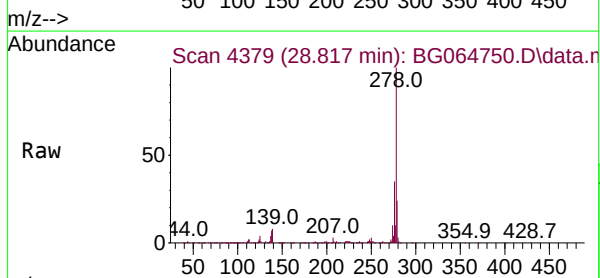
125 5.8 4.2 6.4





#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

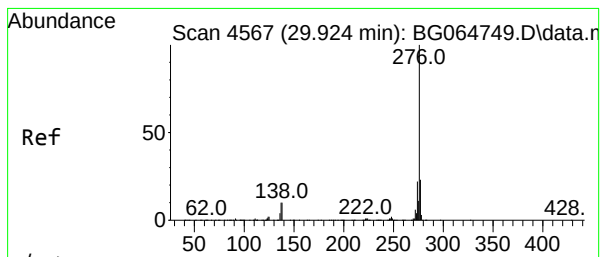
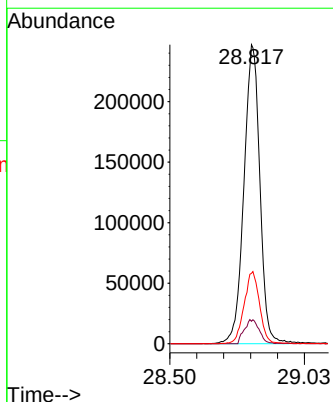
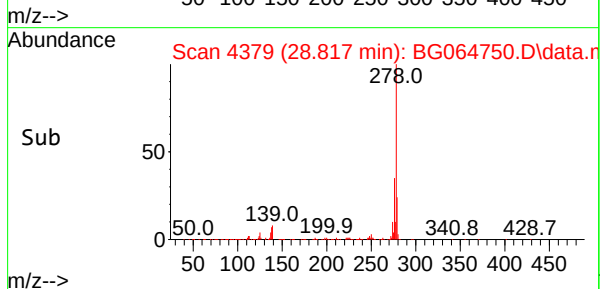
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



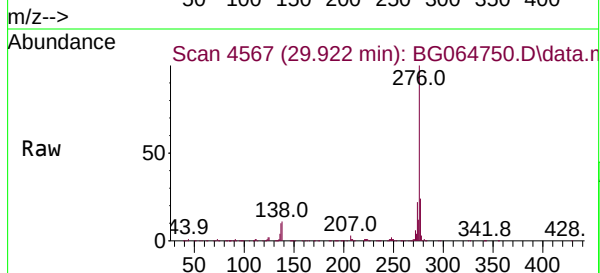
Tgt Ion:278 Resp: 107186
Ion Ratio Lower Upper
278 100
139 7.5 5.8 8.8
279 23.5 17.3 25.9

Manual Integrations
APPROVED

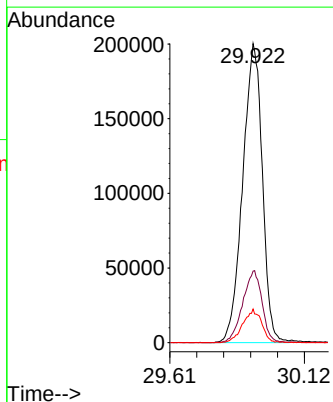
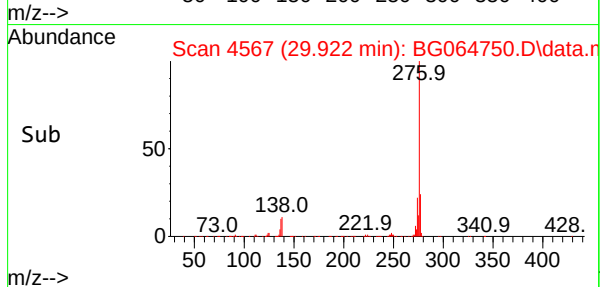
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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						Qvalue
2) 1,4-Dioxane	3.529	88	41639	56.890	ng	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

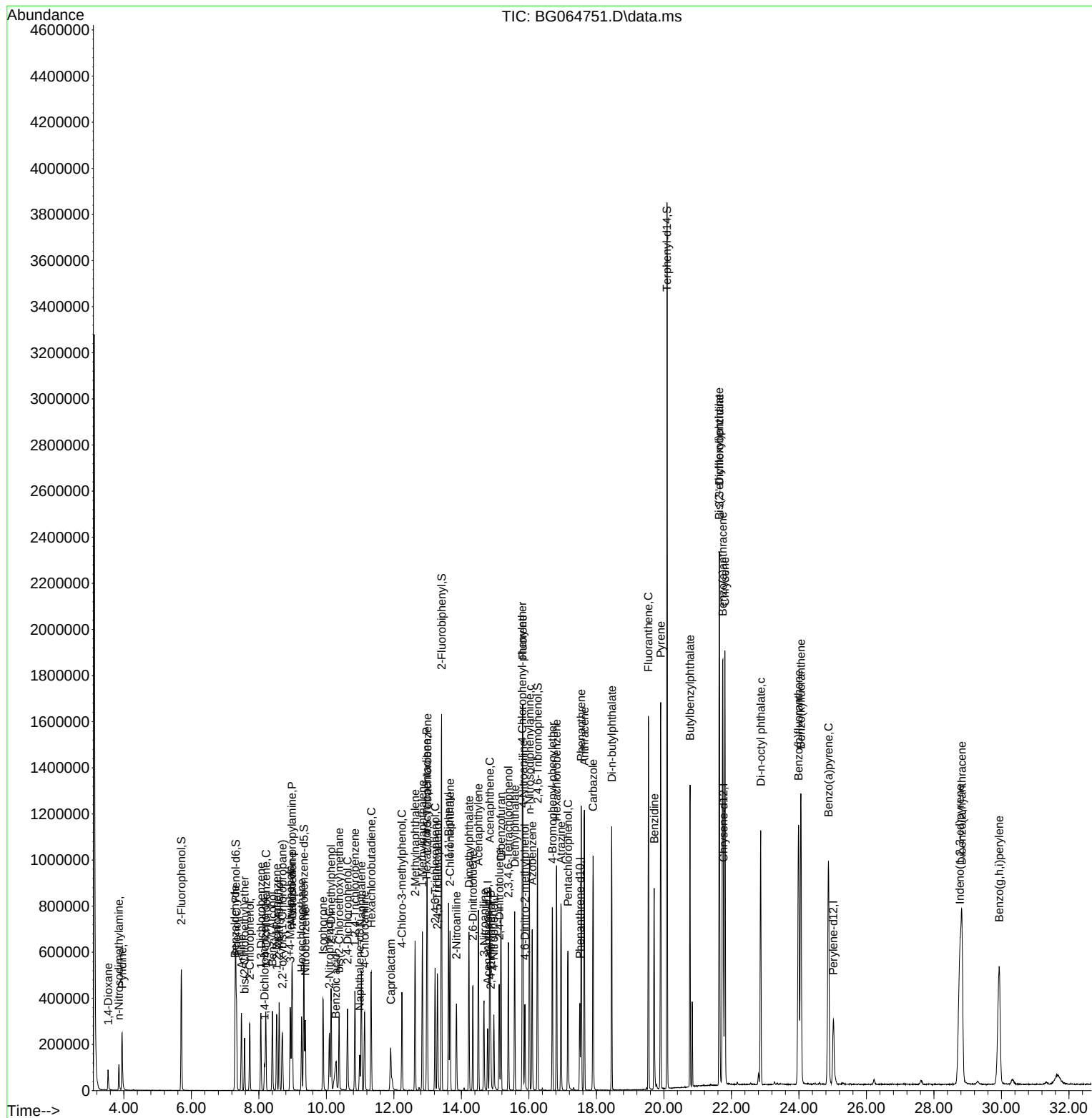
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Acq On    : 12 Nov 2025  15:23  
Operator  : RC/JU  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 8   Sample Multiplier: 1
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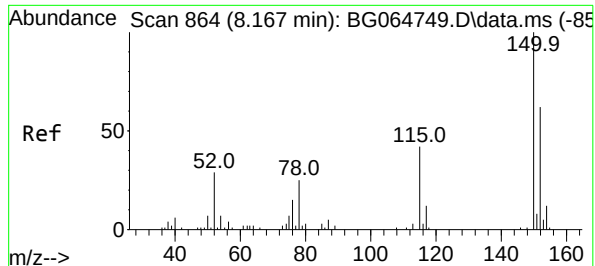
Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

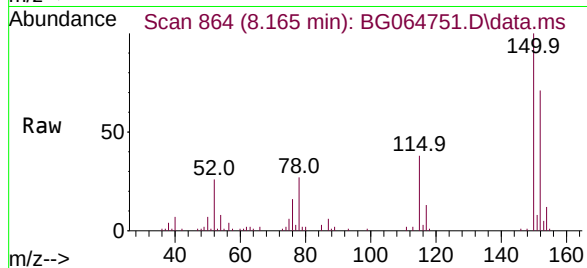
Quant Time: Nov 12 16:58:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 16:45:57 2025
Response via : Initial Calibration





#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

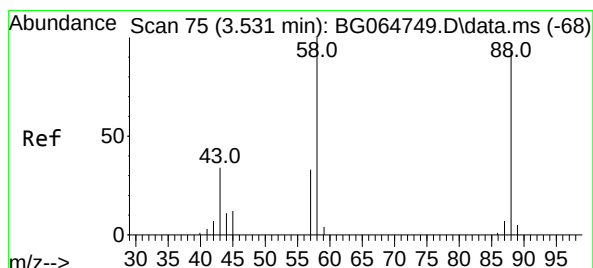
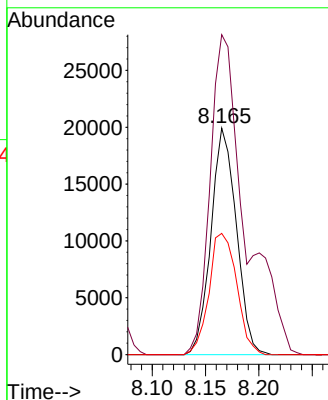
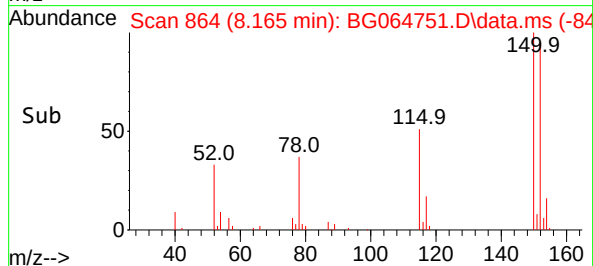
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



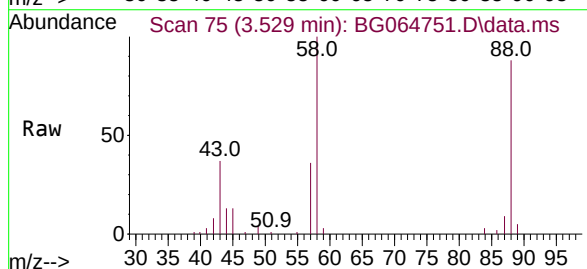
Tgt Ion:152 Resp: 33014
Ion Ratio Lower Upper
152 100
150 141.3 129.2 193.8
115 53.5 53.7 80.5

Manual Integrations
APPROVED

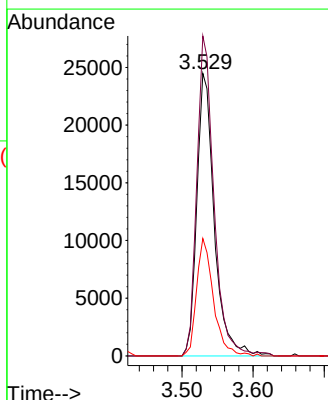
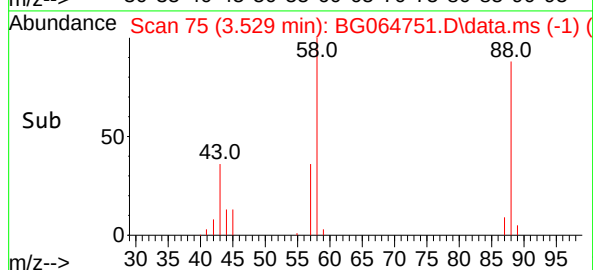
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

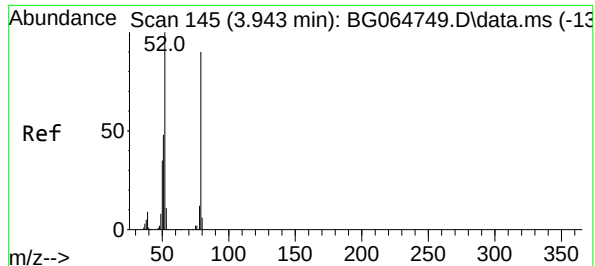


#2
1,4-Dioxane
Concen: 56.890 ng
RT: 3.529 min Scan# 75
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



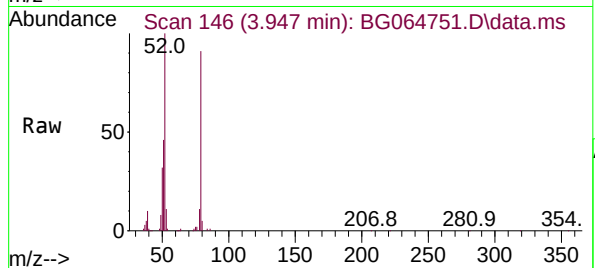
Tgt Ion: 88 Resp: 41639
Ion Ratio Lower Upper
88 100
58 111.2 84.6 126.8
43 40.2 30.0 45.0





#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

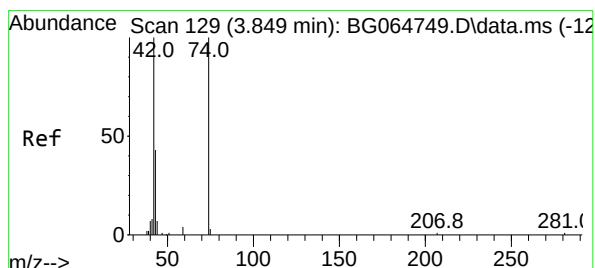
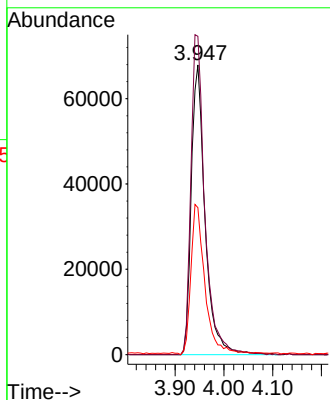
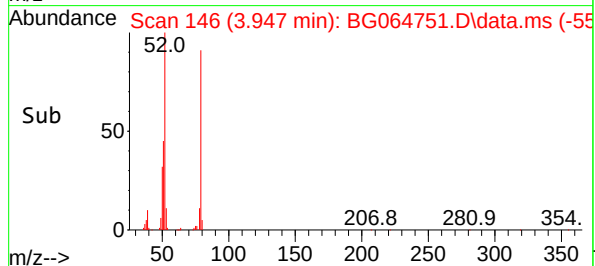
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

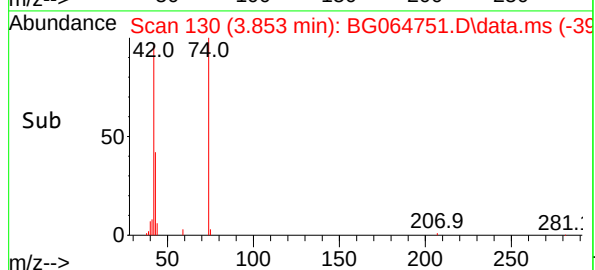
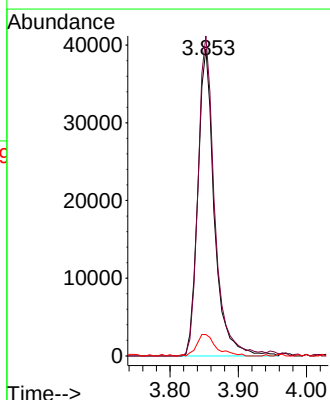
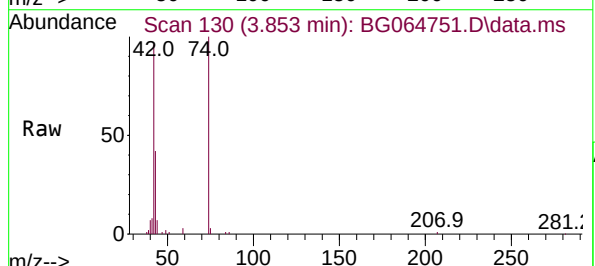
Manual Integrations
APPROVED

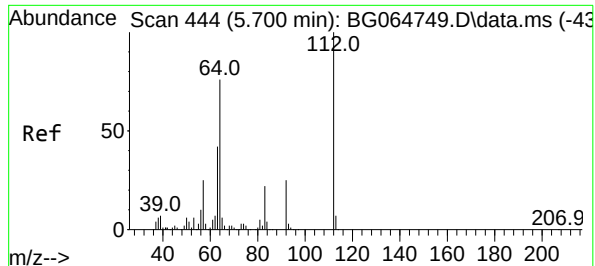
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

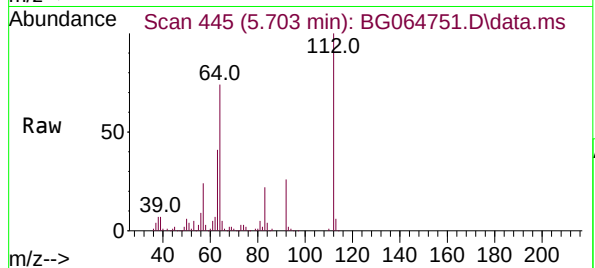
Tgt Ion: 42 Resp: 66573
Ion Ratio Lower Upper
42 100
74 104.2 79.8 119.6
44 7.0 5.9 8.9





#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

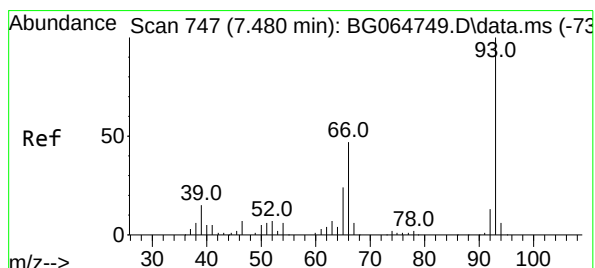
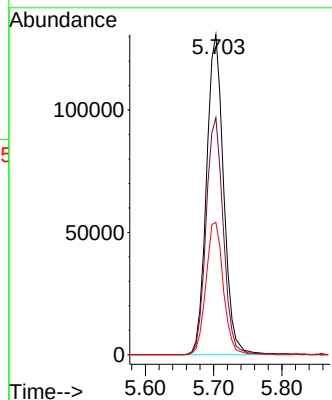
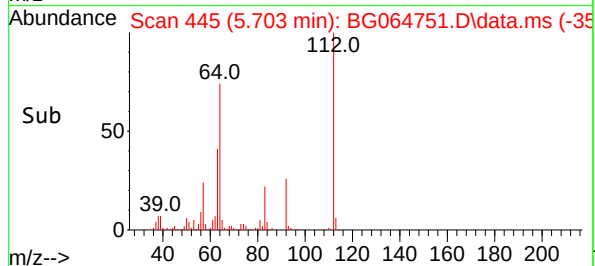
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

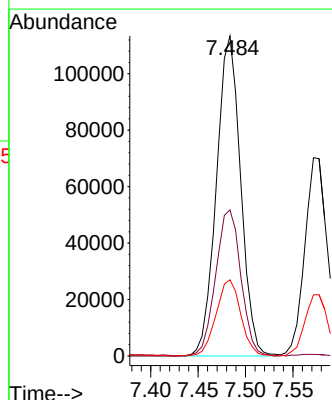
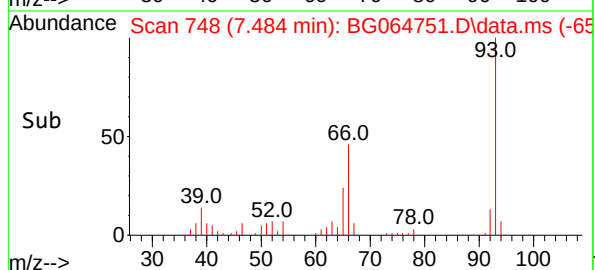
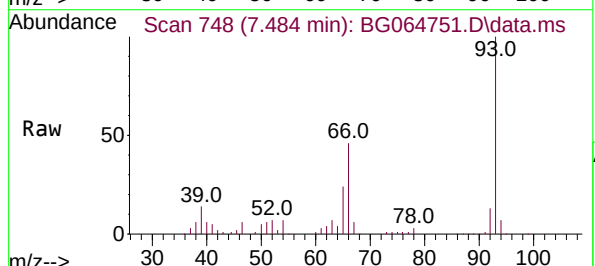
Manual Integrations
APPROVED

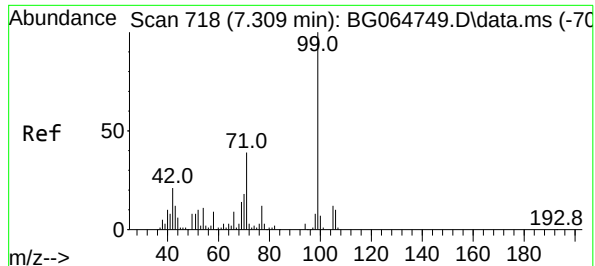
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

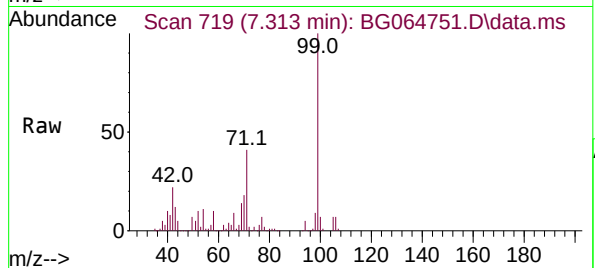
Tgt Ion: 93 Resp: 201403
Ion Ratio Lower Upper
93 100
66 45.6 37.7 56.5
65 23.8 19.1 28.7





#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

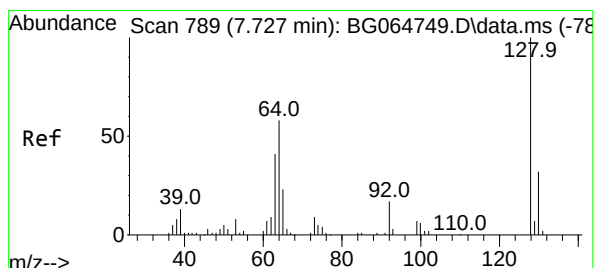
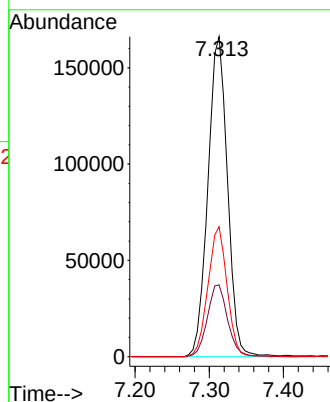
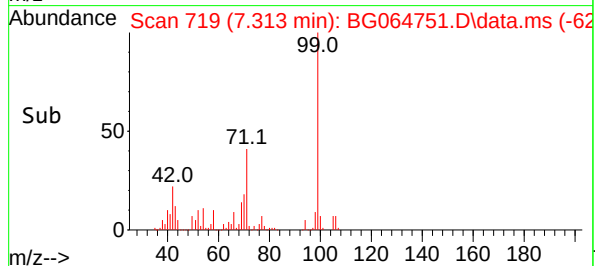
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



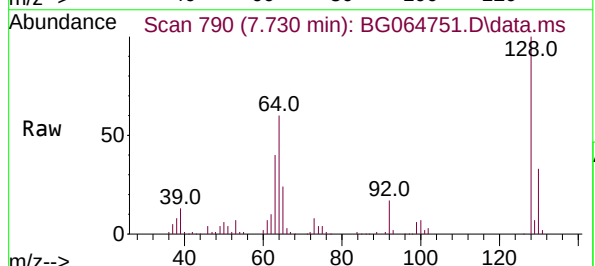
Tgt Ion: 99 Resp: 304043
Ion Ratio Lower Upper
99 100
42 22.4 16.8 25.2
71 40.6 31.1 46.7

Manual Integrations
APPROVED

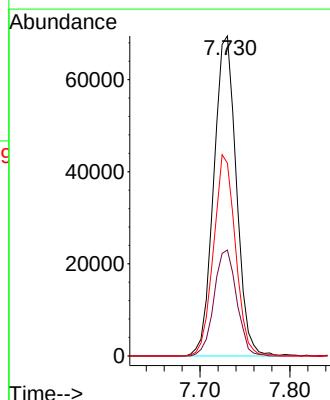
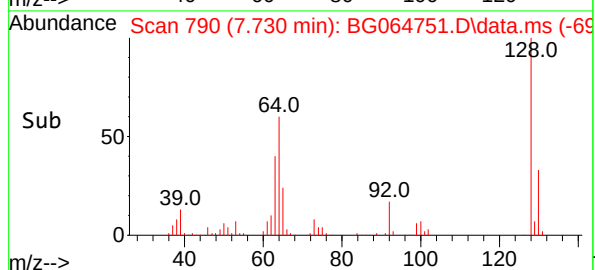
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

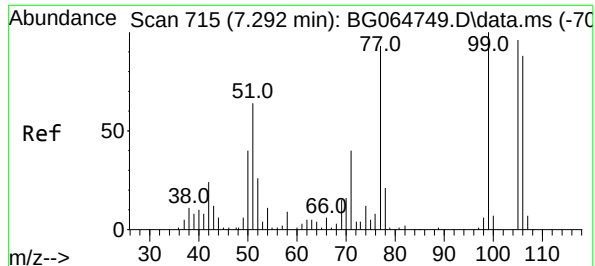


#8
2-Chlorophenol
Concen: 58.433 ng
RT: 7.730 min Scan# 790
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



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

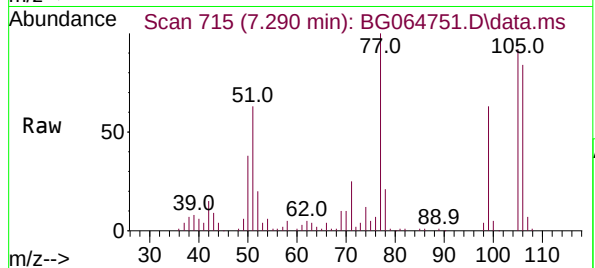
Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

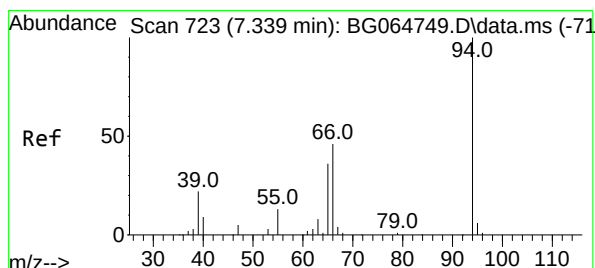
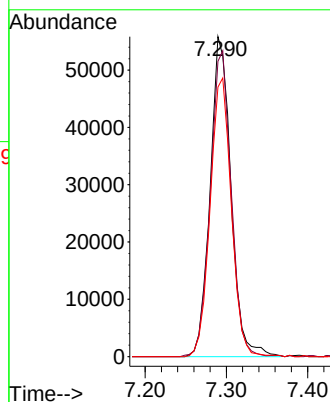
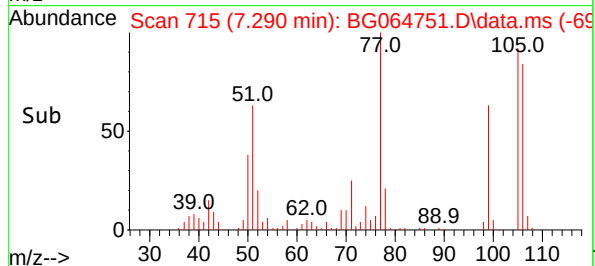
SSTDICC060



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

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



#10

Phenol

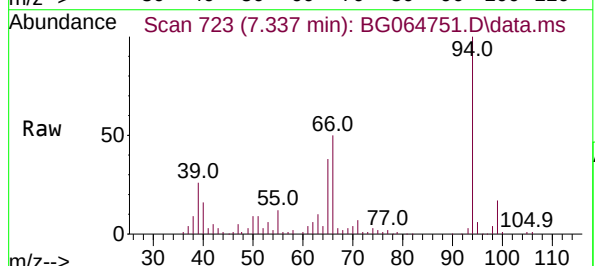
Concen: 60.421 ng

RT: 7.337 min Scan# 723

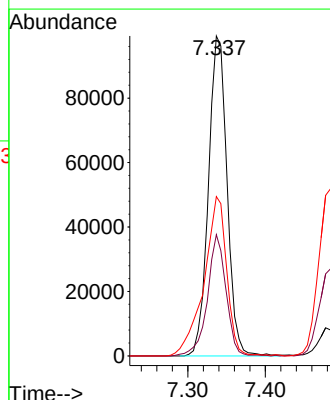
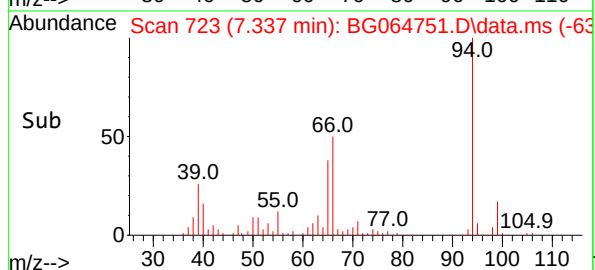
Delta R.T. -0.002 min

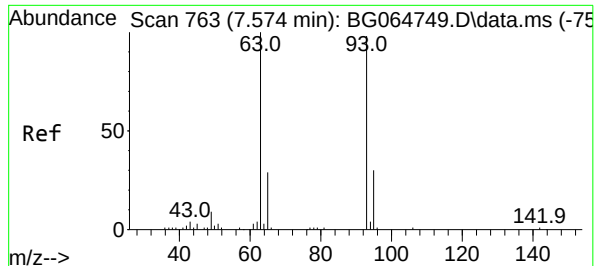
Lab File: BG064751.D

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





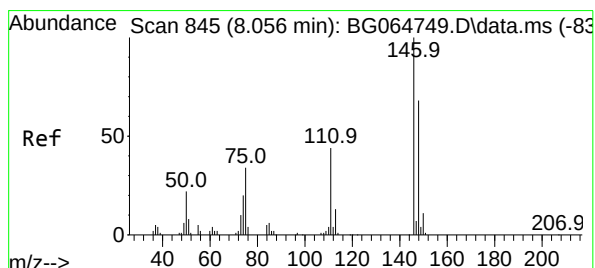
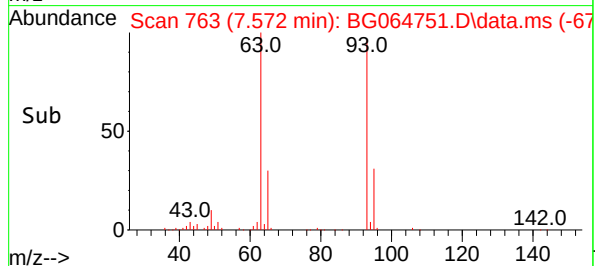
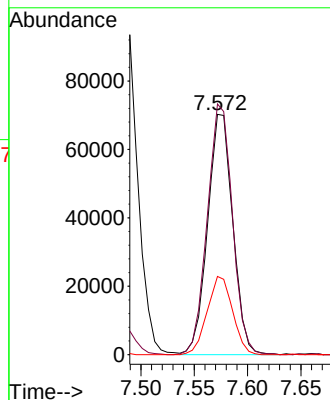
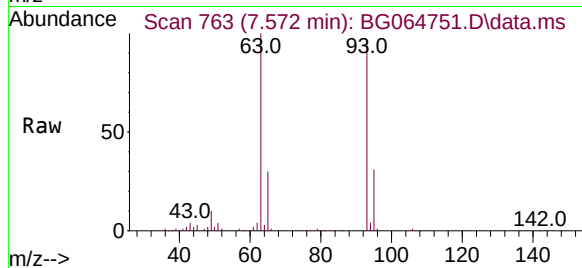
#11
bis(2-Chloroethyl)ether
Concen: 59.208 ng
RT: 7.572 min Scan# 763
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

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

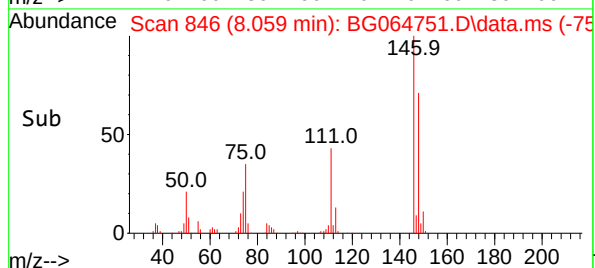
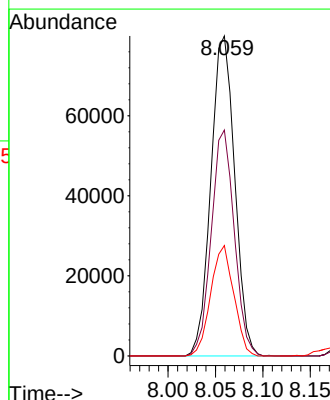
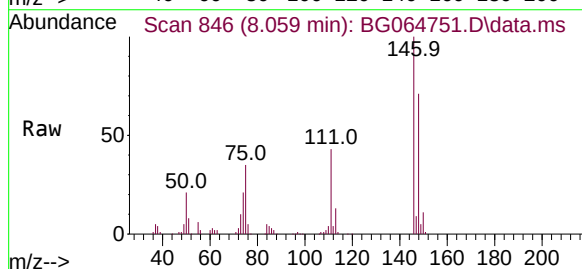
Manual Integrations
APPROVED

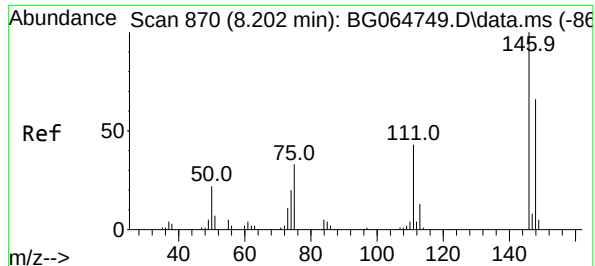
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

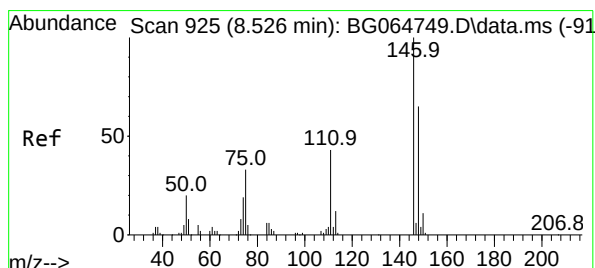
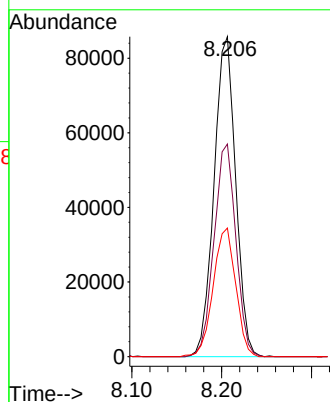
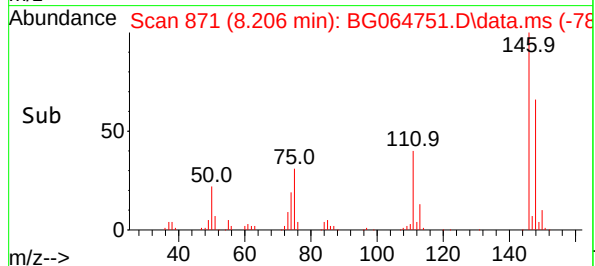
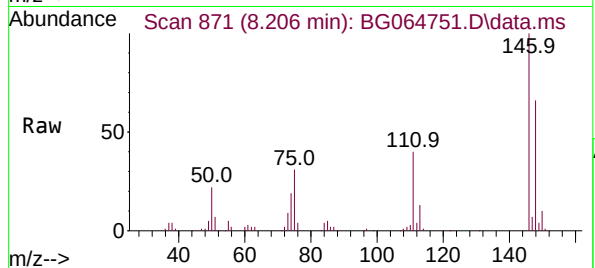
111 40.2 34.1 51.1

Manual Integrations

APPROVED

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

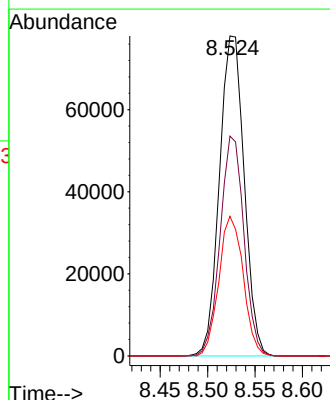
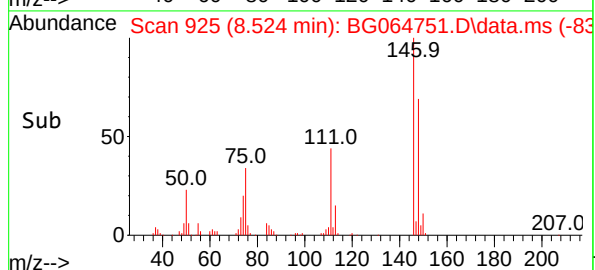
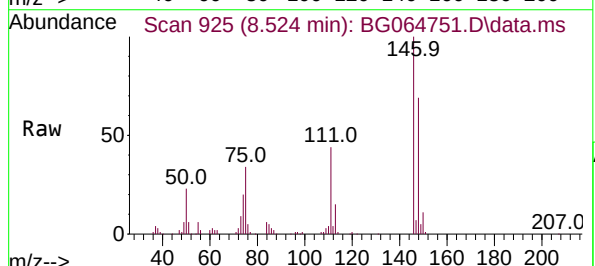
Tgt Ion:146 Resp: 141531

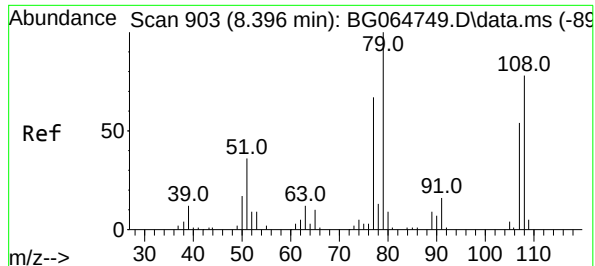
Ion Ratio Lower Upper

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

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 126393

Ion Ratio Lower Upper

79 100

108 69.7 62.3 93.5

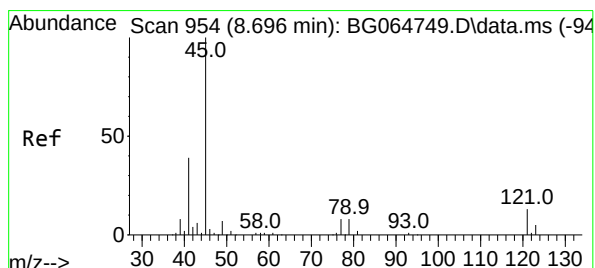
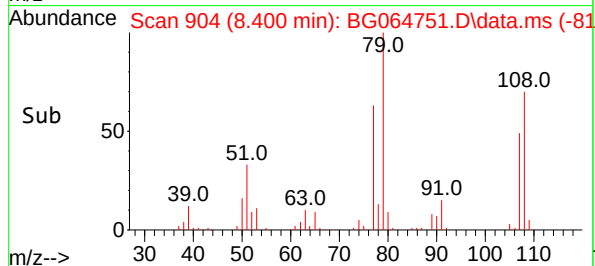
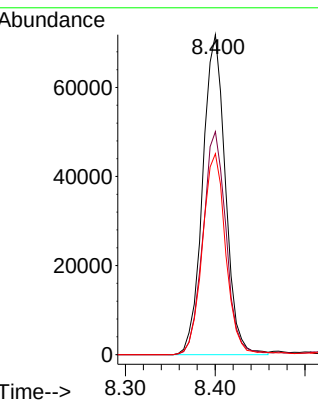
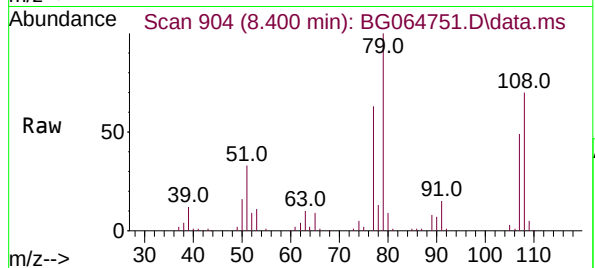
77 62.8 53.5 80.3

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

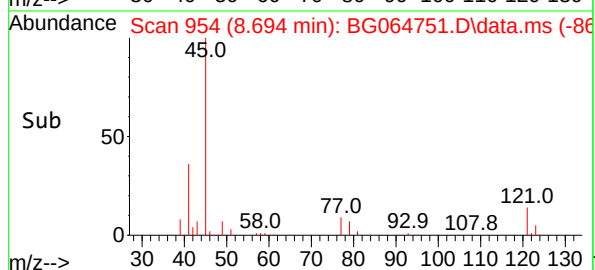
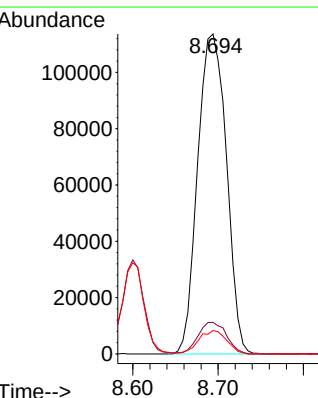
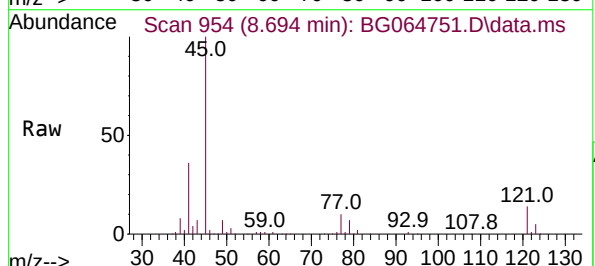
Tgt Ion: 45 Resp: 266169

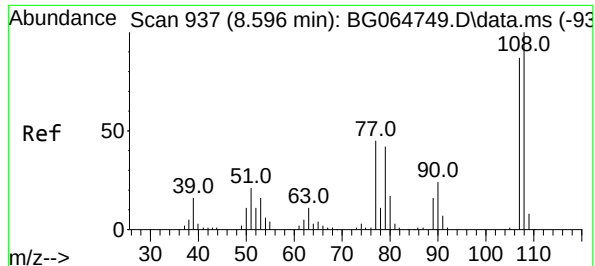
Ion Ratio Lower Upper

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 :

SSTDICC060

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

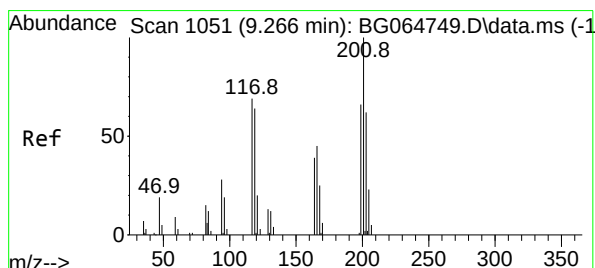
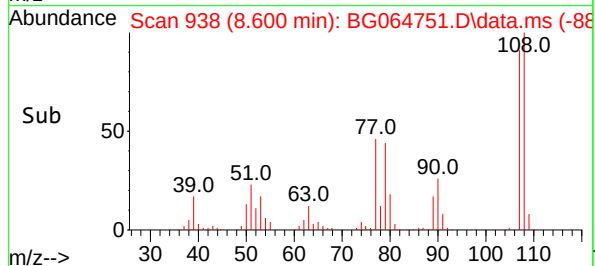
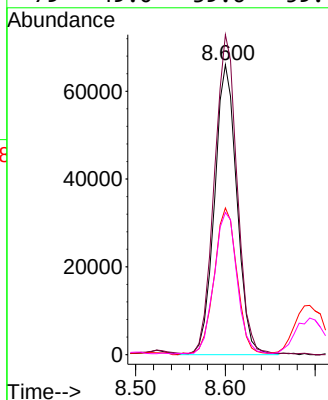
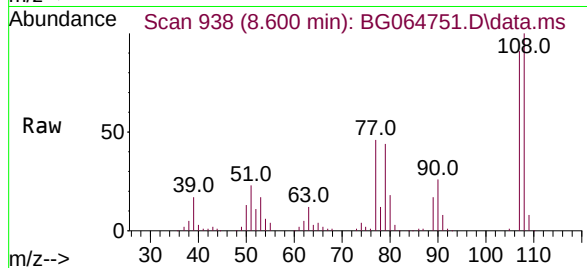
79 49.0 39.6 59.4

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

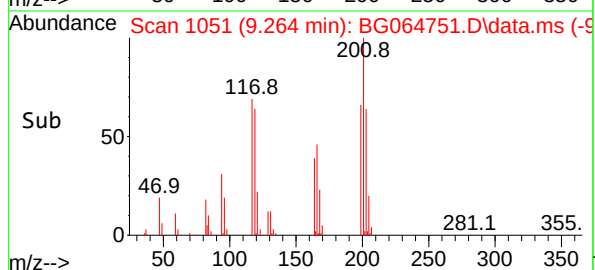
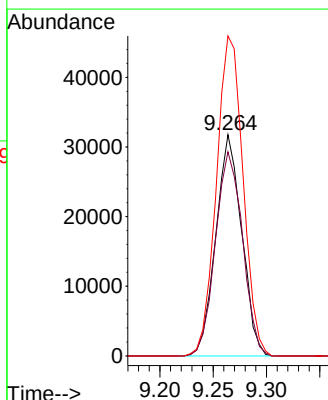
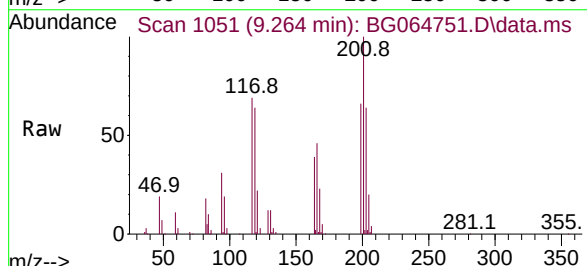
Tgt Ion:117 Resp: 53606

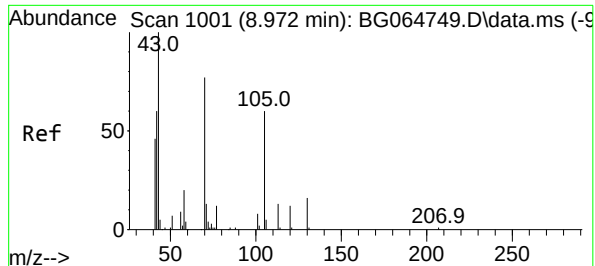
Ion Ratio Lower Upper

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

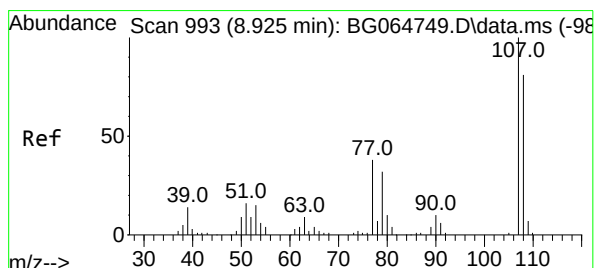
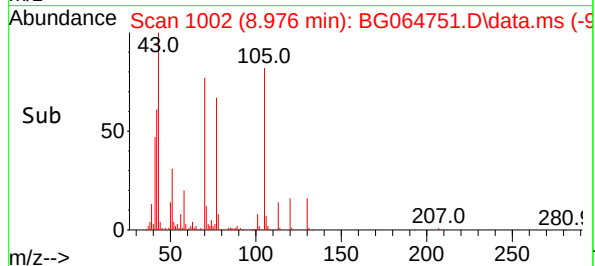
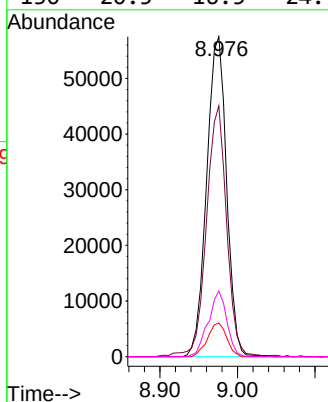
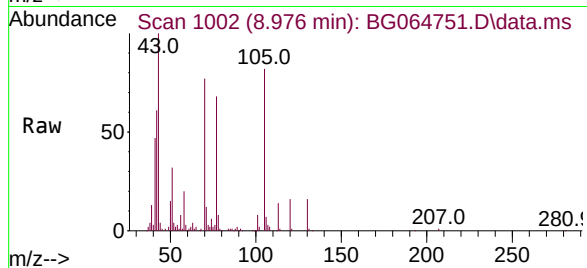
130 20.5 16.5 24.7

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

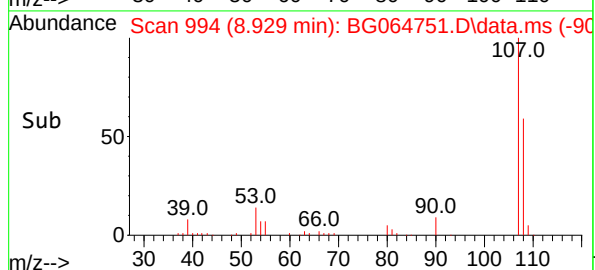
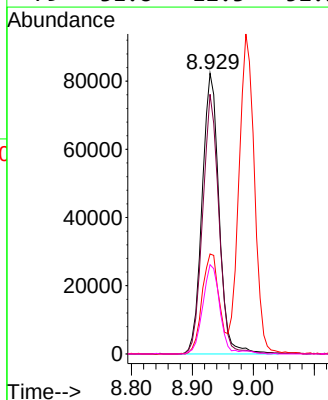
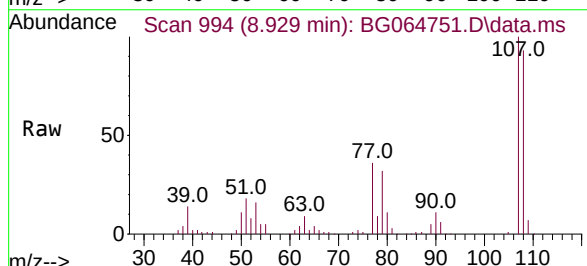
Ion Ratio Lower Upper

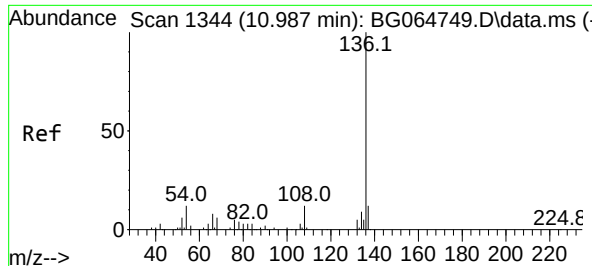
107 100

108 92.5 61.0 101.0

77 35.6 17.6 57.6

79 31.8 12.3 52.3





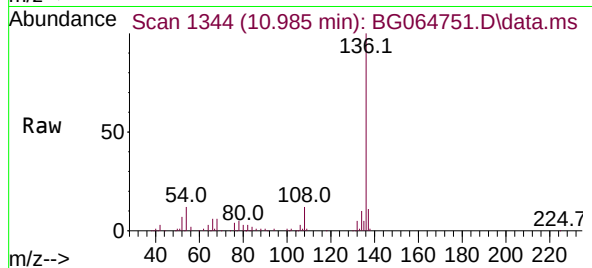
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

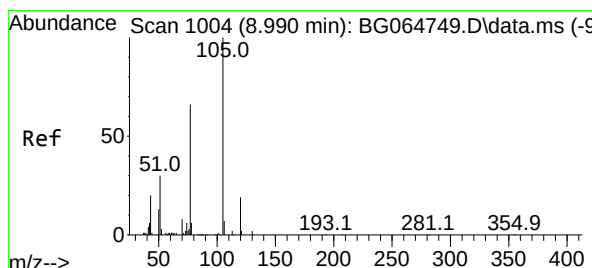
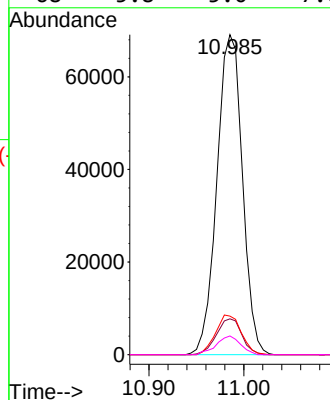
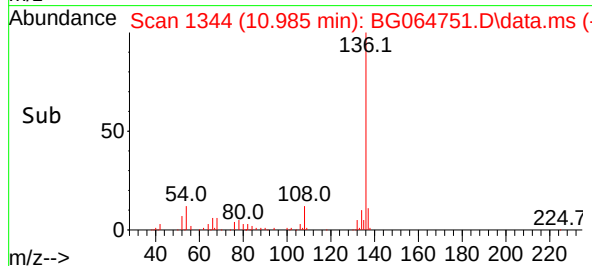


Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	12.1	9.3	13.9
68	5.8	5.0	7.6

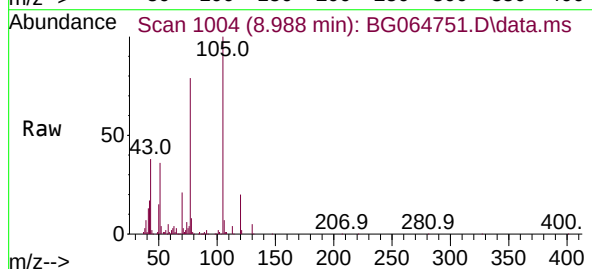
Manual Integrations

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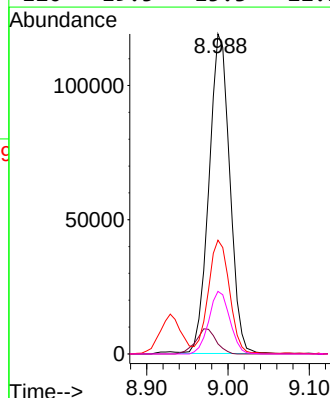
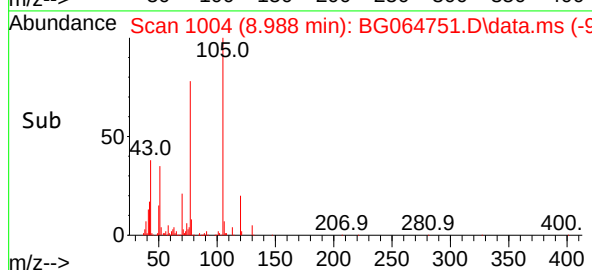
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

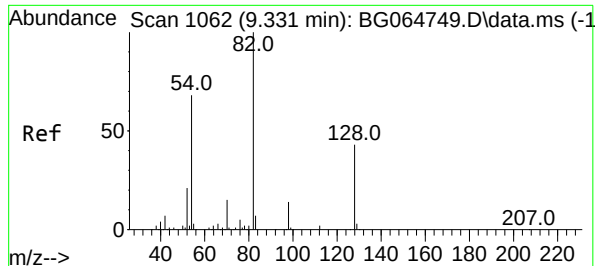


#22
Acetophenone
Concen: 60.179 ng
RT: 8.988 min Scan# 1004
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



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# 10

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

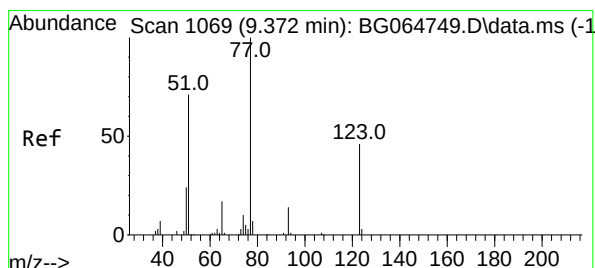
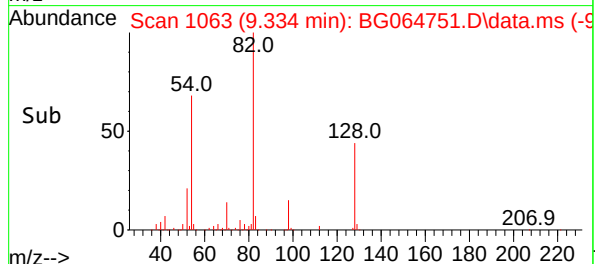
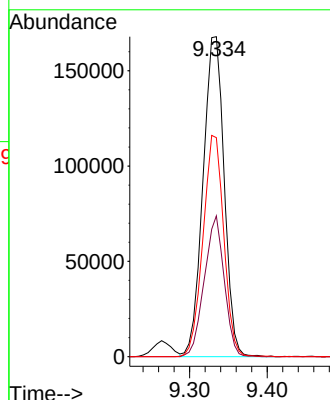
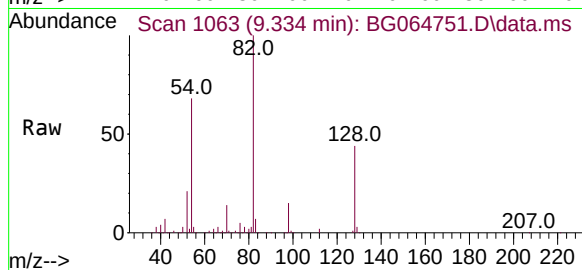
54 68.4 54.3 81.5

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

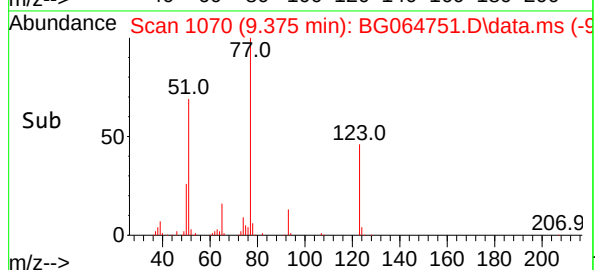
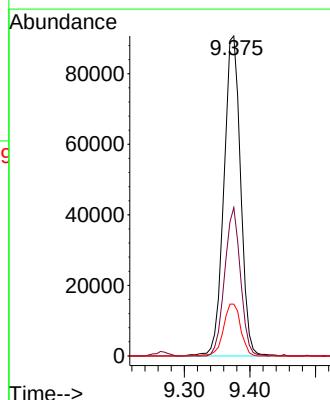
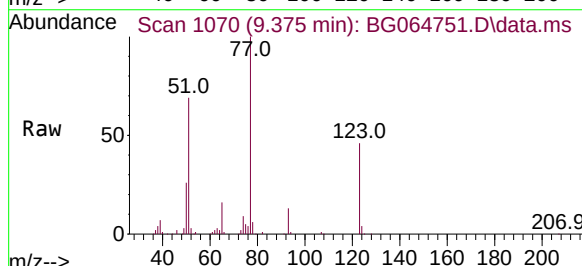
Tgt Ion: 77 Resp: 160696

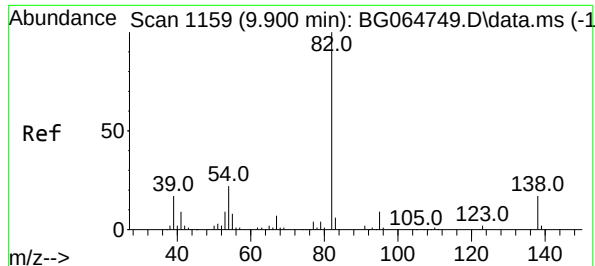
Ion Ratio Lower Upper

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 :

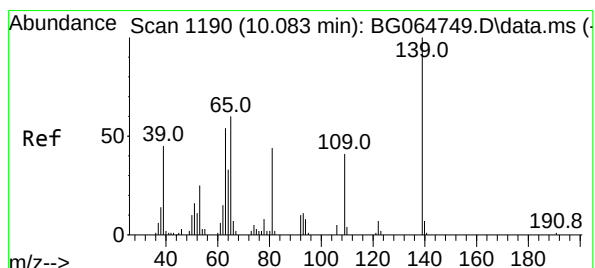
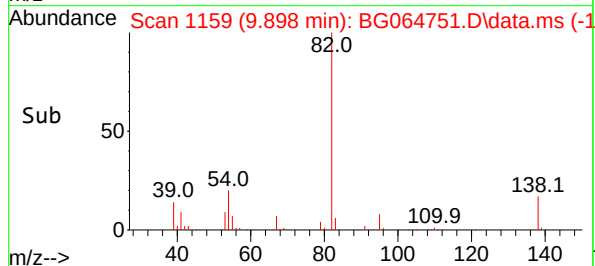
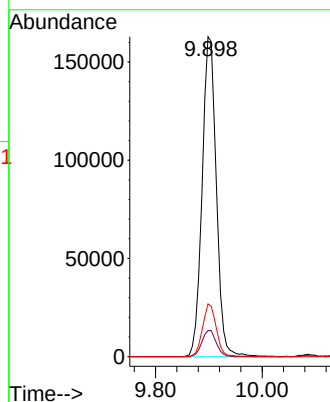
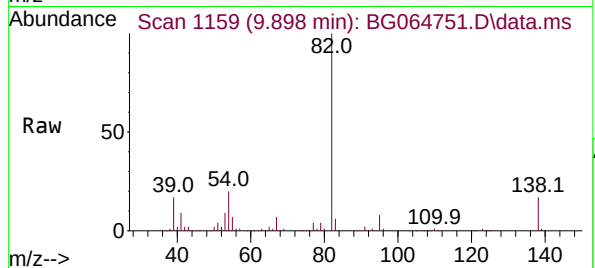
SSTDICC060

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

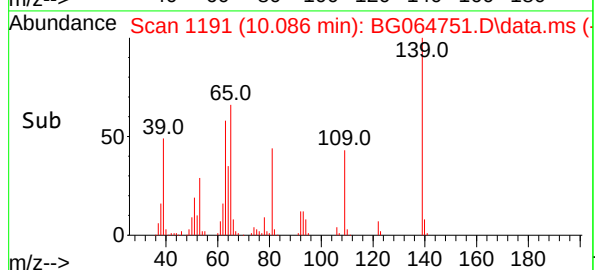
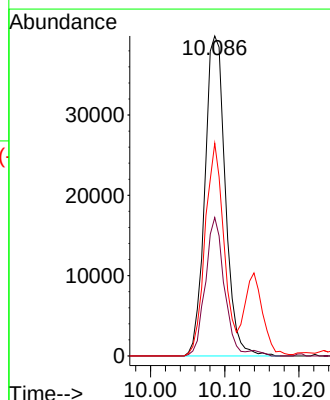
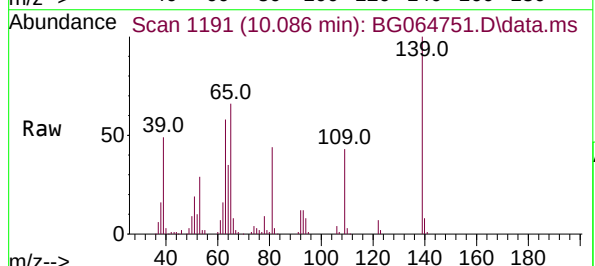
RT: 10.086 min Scan# 1191

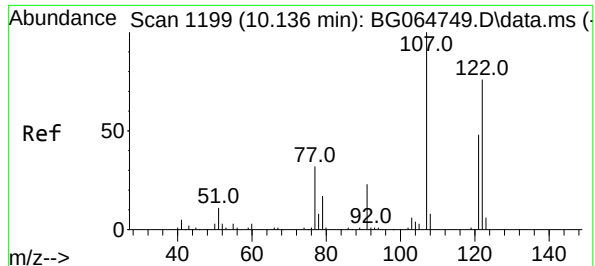
Delta R.T. 0.004 min

Lab File: BG064751.D

Acq: 12 Nov 2025 15:23

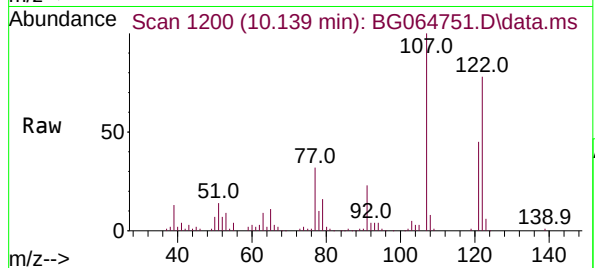
Tgt Ion:	139	Resp:	76283
Ion Ratio	Lower	Upper	
139	100		
109	43.2	32.5	48.7
65	66.4	47.6	71.4





#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

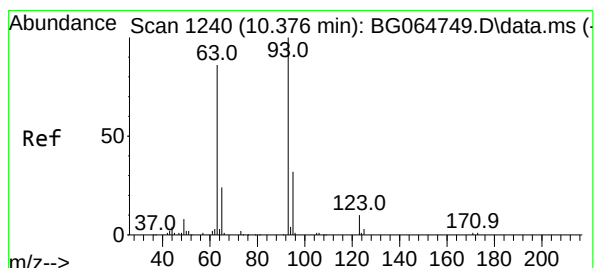
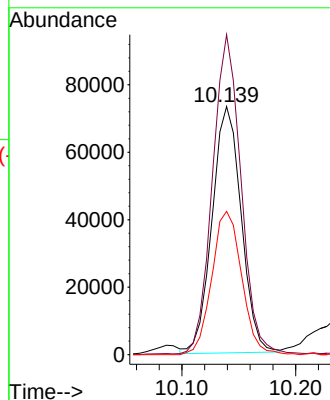
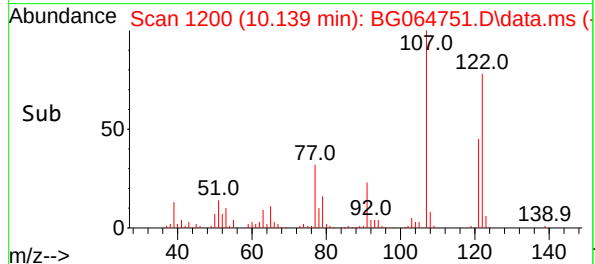
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

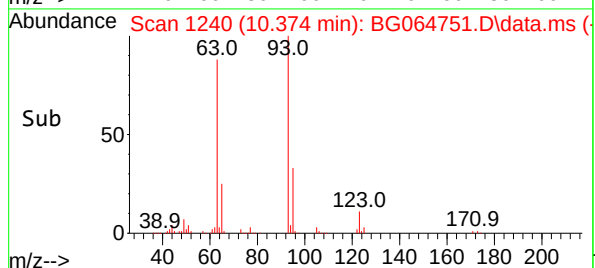
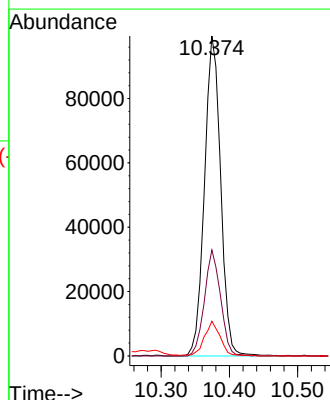
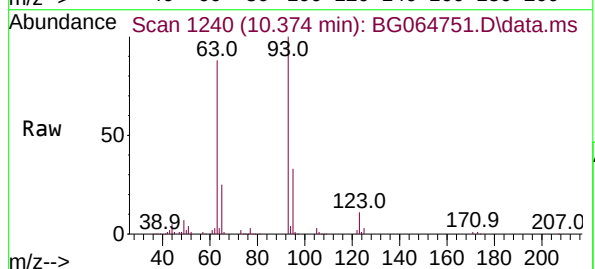
Manual Integrations
APPROVED

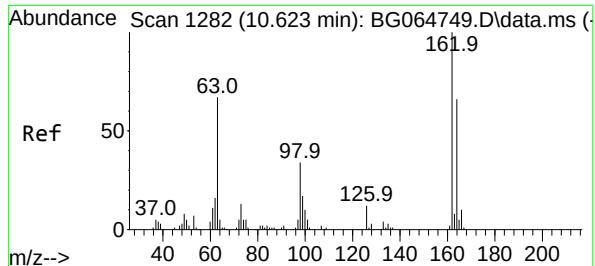
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





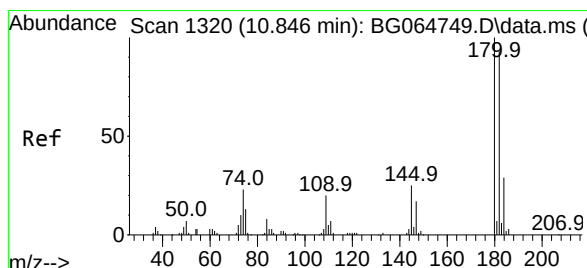
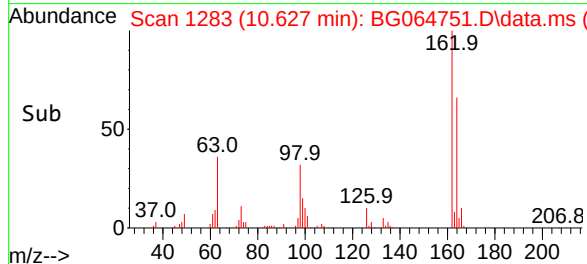
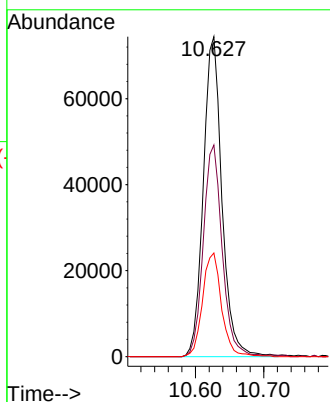
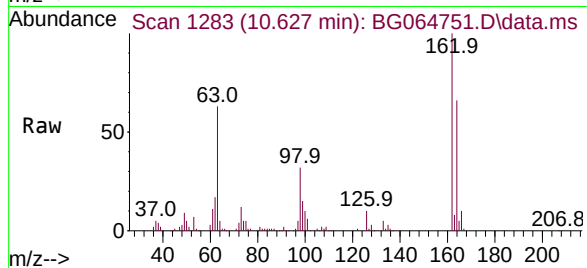
#29
2,4-Dichlorophenol
Concen: 62.500 ng
RT: 10.627 min Scan# 1282
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

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

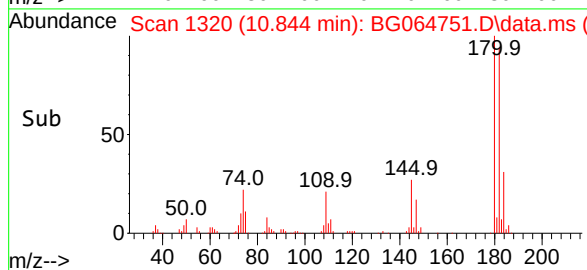
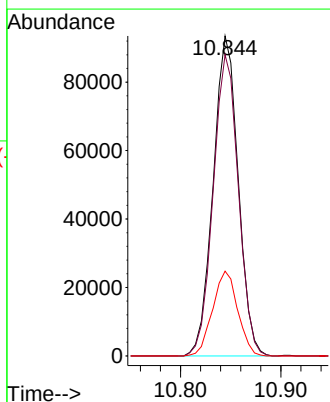
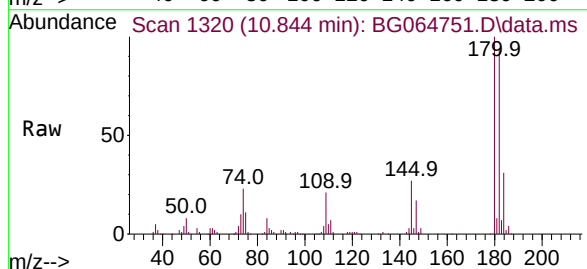
Manual Integrations
APPROVED

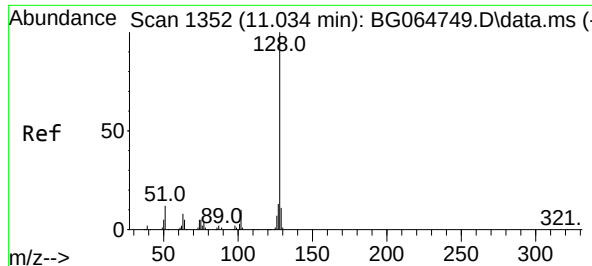
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

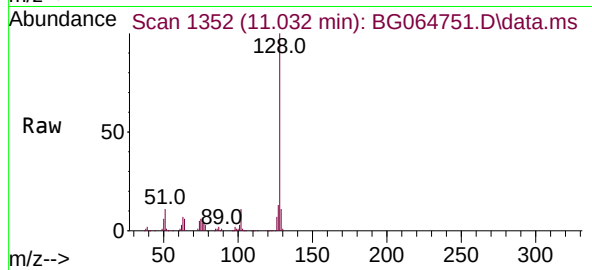
Tgt Ion:180 Resp: 161988
Ion Ratio Lower Upper
180 100
182 94.1 74.2 111.4
145 26.5 20.0 30.0





#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

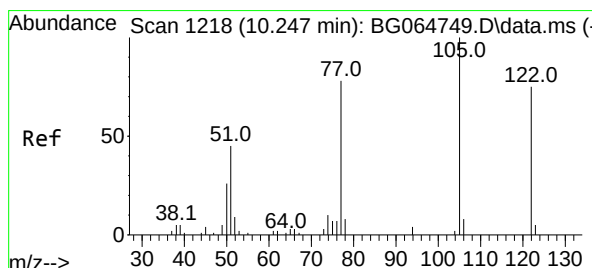
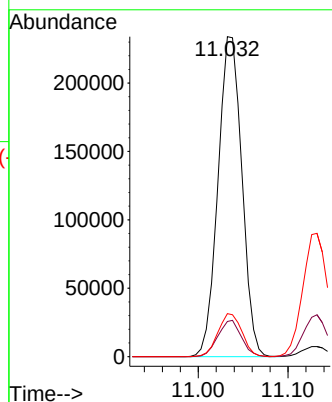
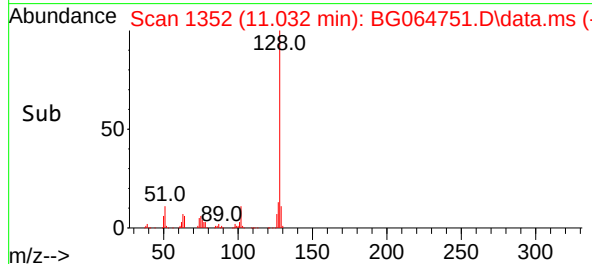
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

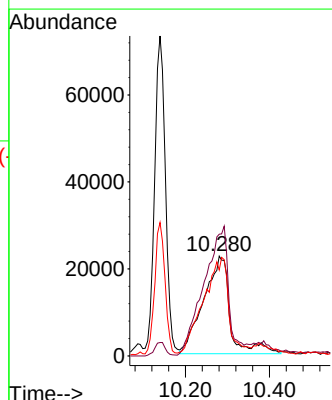
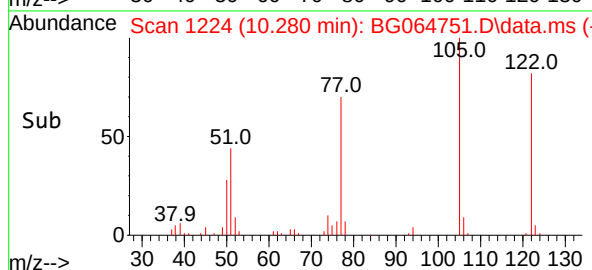
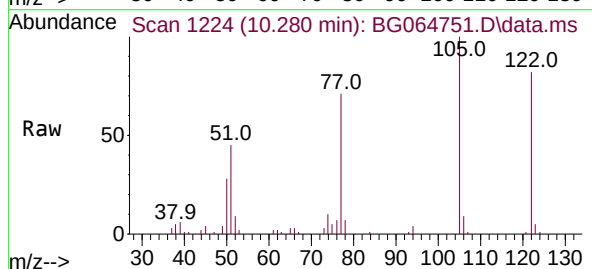
Manual Integrations
APPROVED

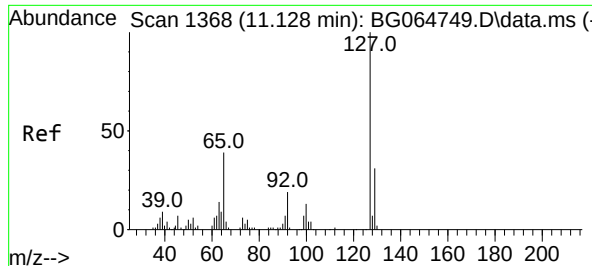
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

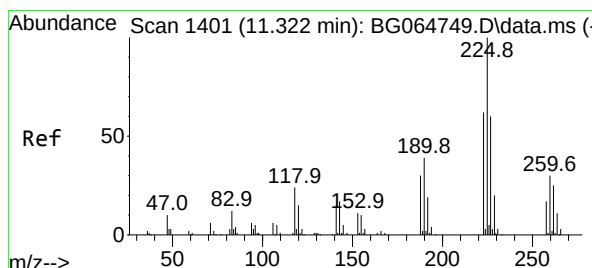
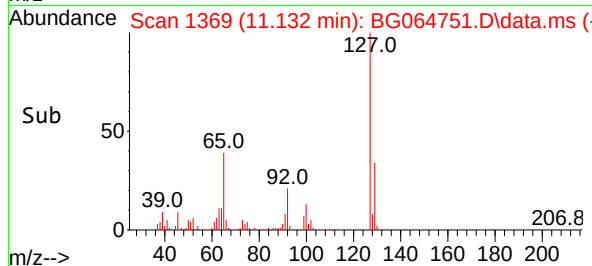
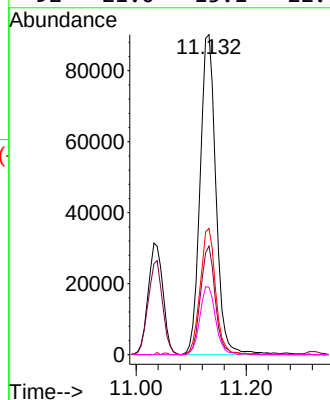
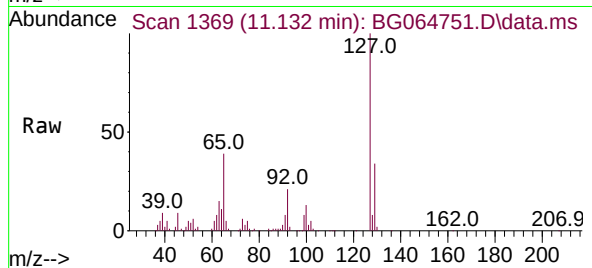
SSTDICC060

Tgt Ion	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

Manual Integrations

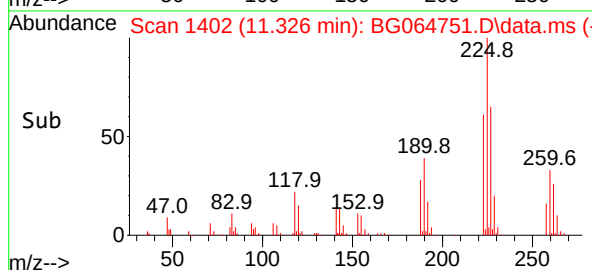
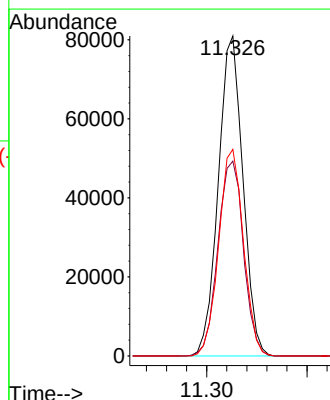
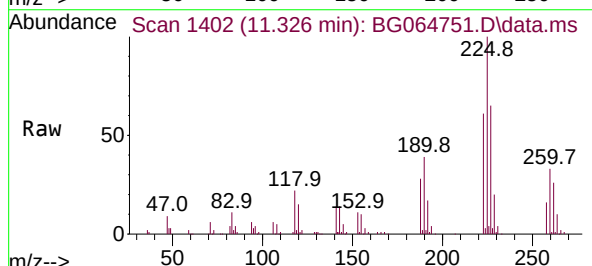
APPROVED

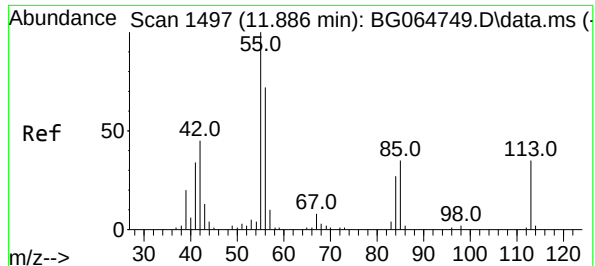
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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	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 :

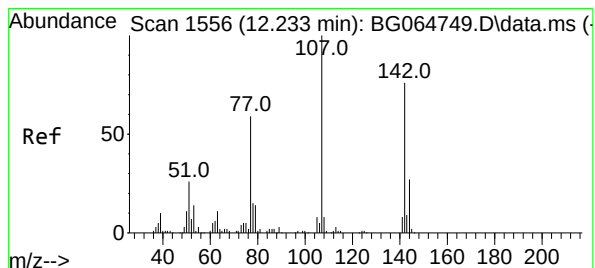
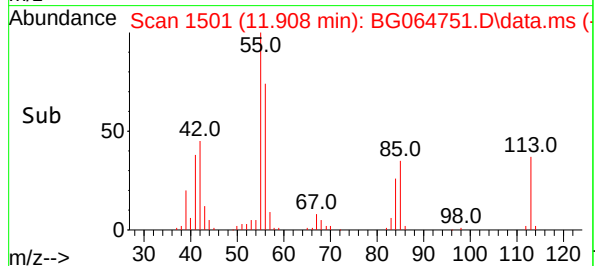
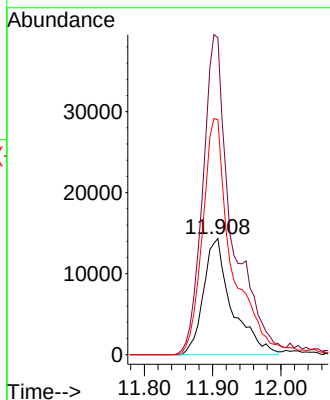
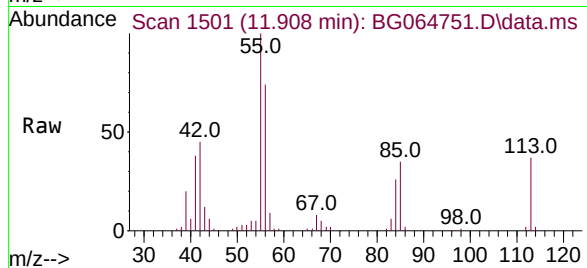
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
113	100		
55	273.1	263.7	303.7
56	202.3	184.0	224.0

Manual Integrations

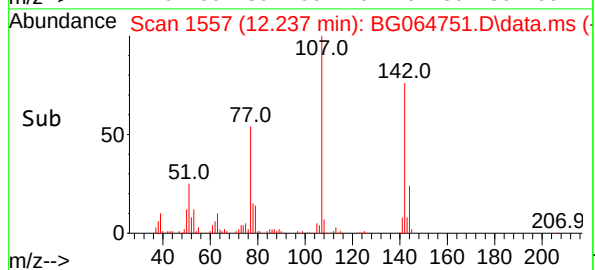
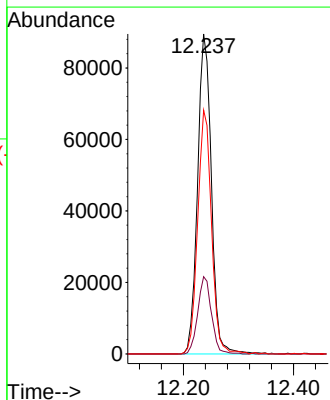
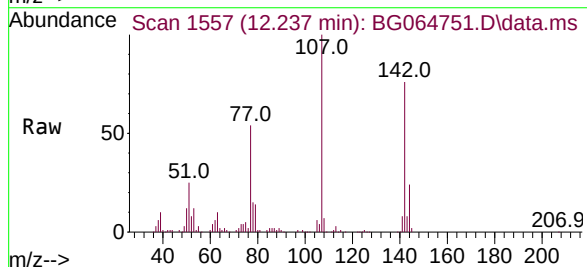
APPROVED

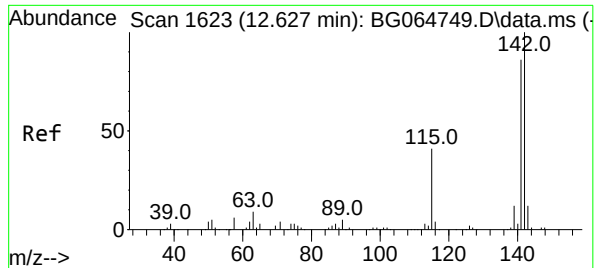
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

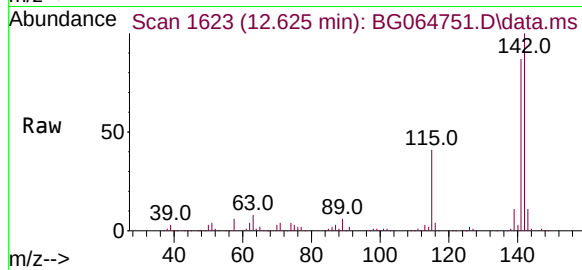
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	21.7	32.5
142	76.2	60.8	91.2





#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

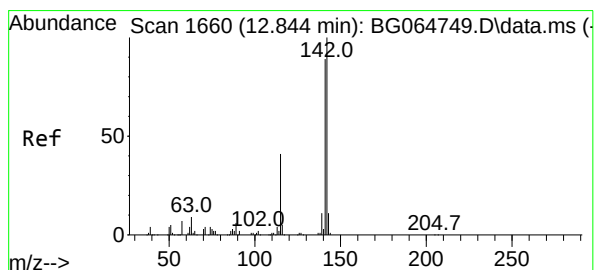
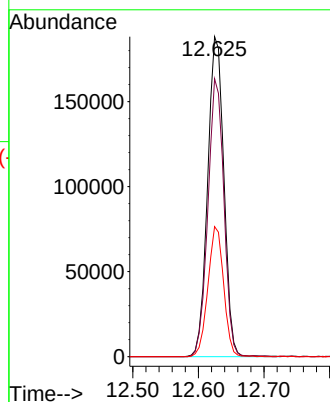
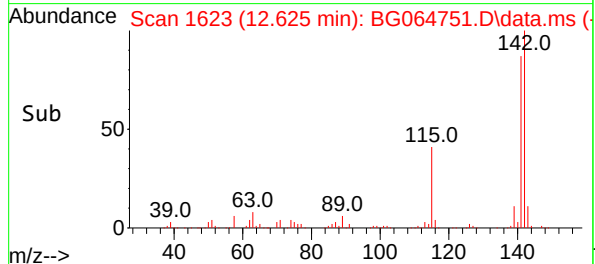
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:142 Resp: 323163
Ion Ratio Lower Upper
142 100
141 86.8 69.1 103.7
115 40.6 32.9 49.3

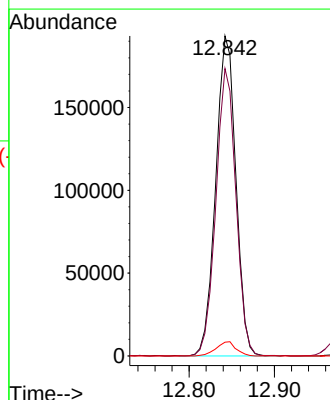
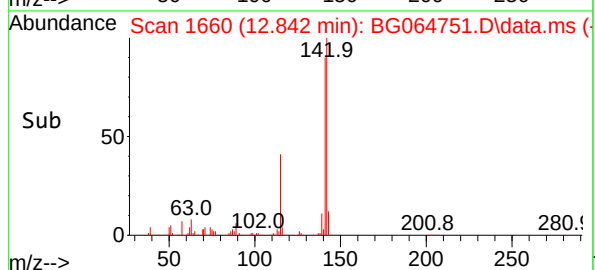
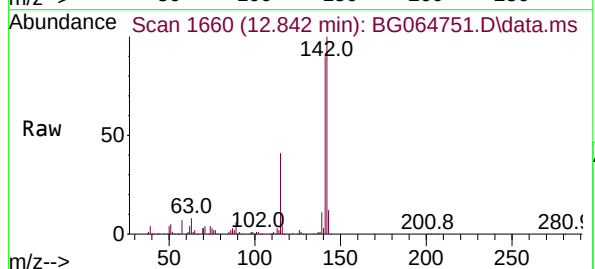
Manual Integrations
APPROVED

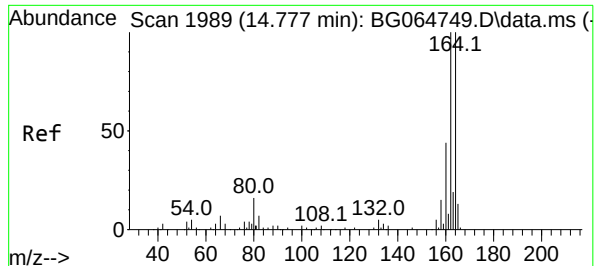
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

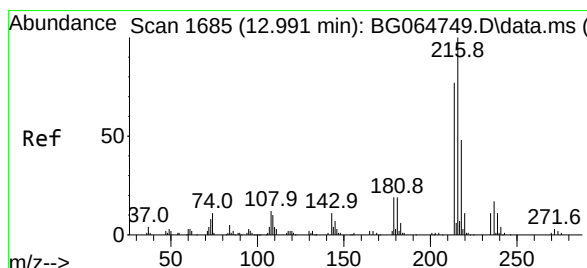
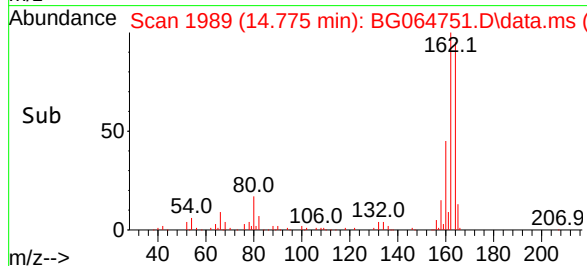
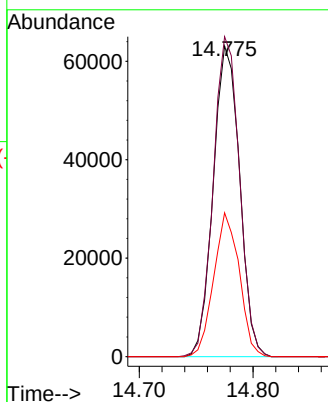
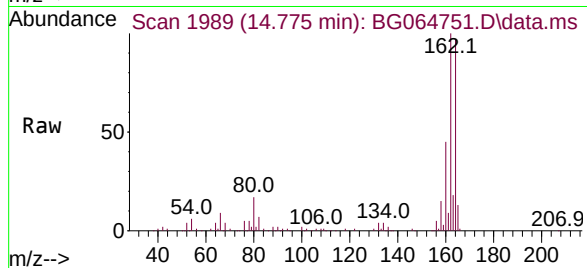
160 46.3 34.9 52.3

Manual Integrations

APPROVED

Reviewed 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

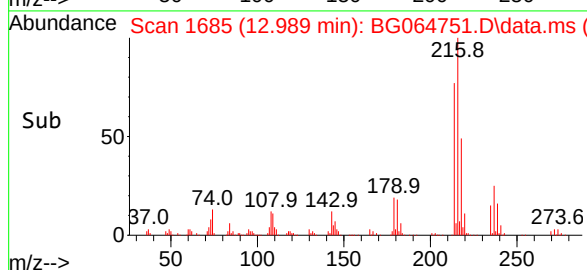
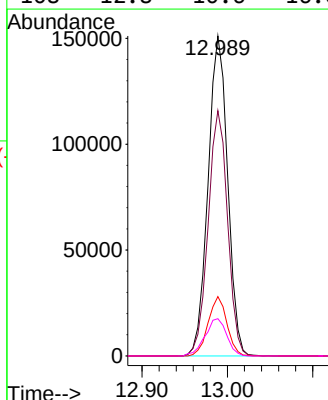
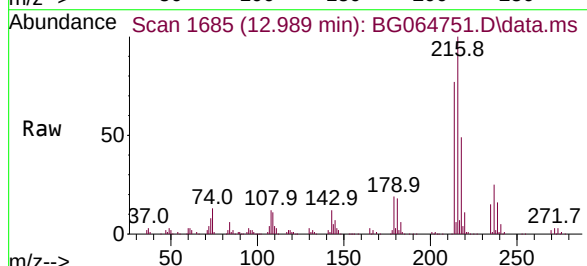
Ion Ratio Lower Upper

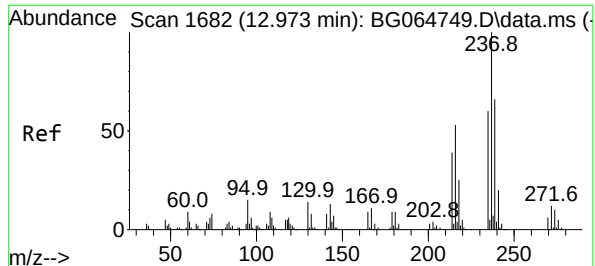
216 100

214 75.9 60.5 90.7

179 17.8 14.7 22.1

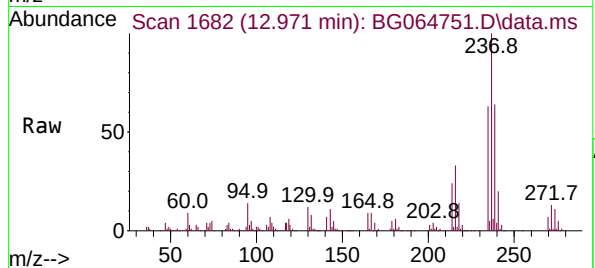
108 12.8 10.6 16.0





#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

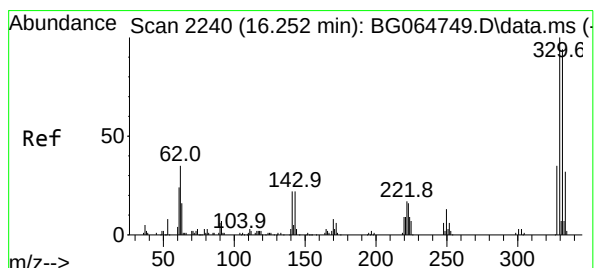
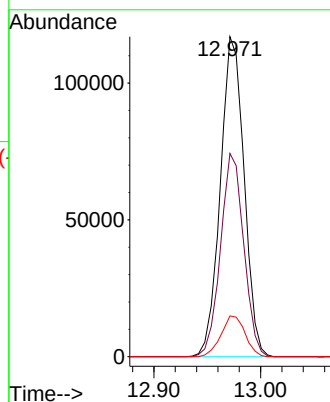
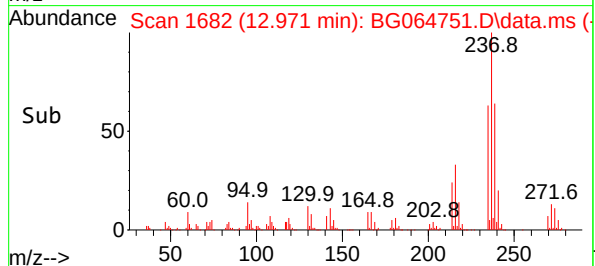
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



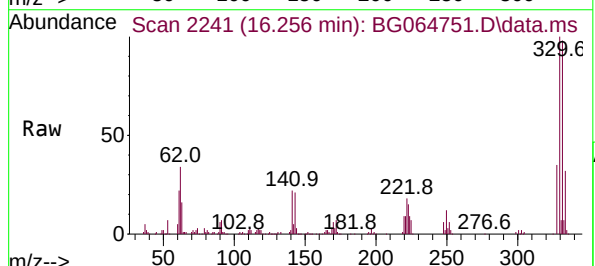
Tgt Ion:237 Resp: 180651
Ion Ratio Lower Upper
237 100
235 63.5 40.2 80.2
272 12.7 0.0 31.9

Manual Integrations
APPROVED

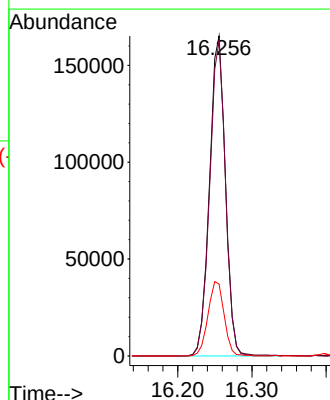
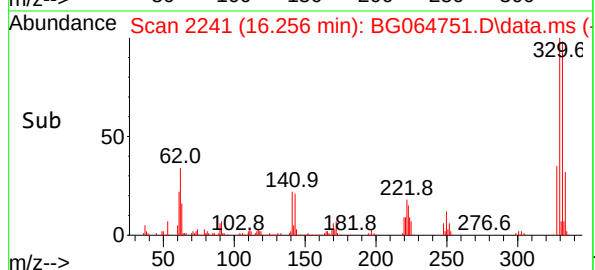
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

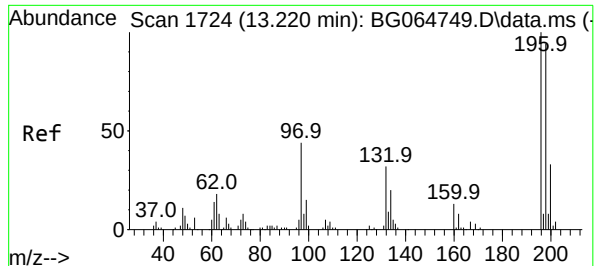


#42
2,4,6-Tribromophenol
Concen: 123.984 ng
RT: 16.256 min Scan# 2241
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



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

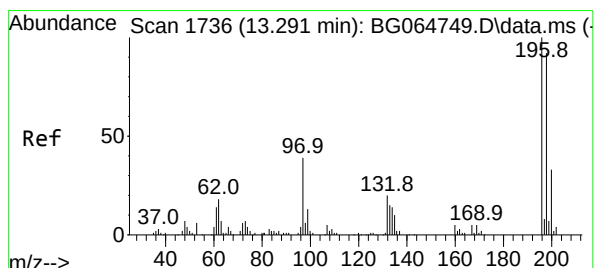
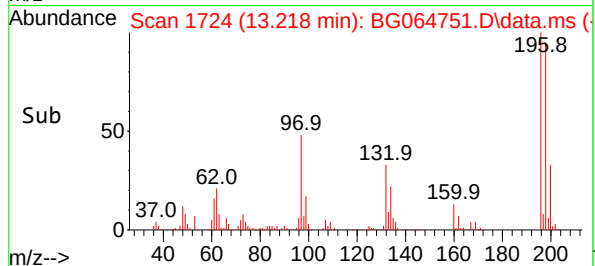
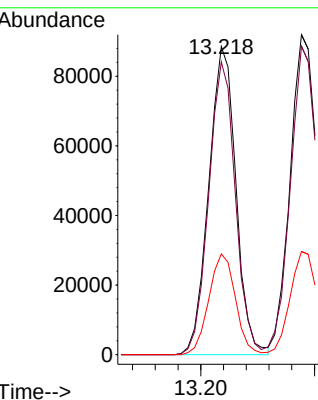
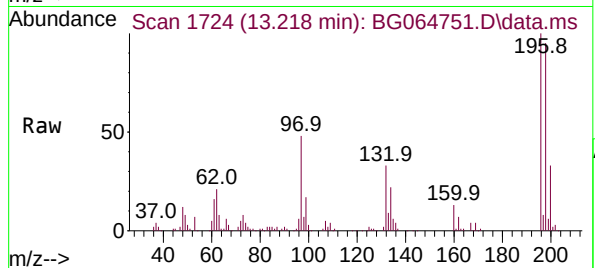
200 32.7 26.2 39.2

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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

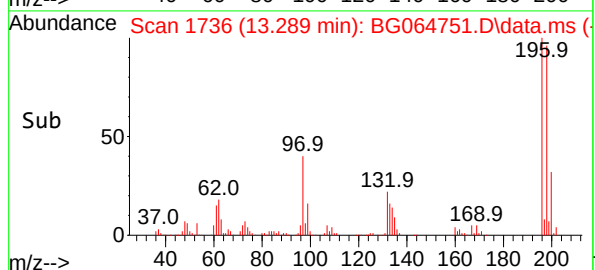
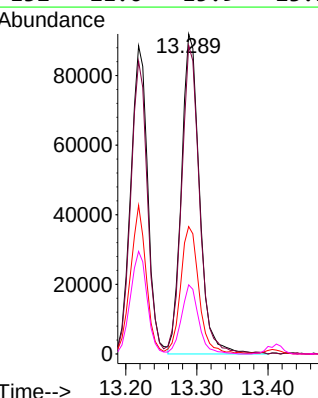
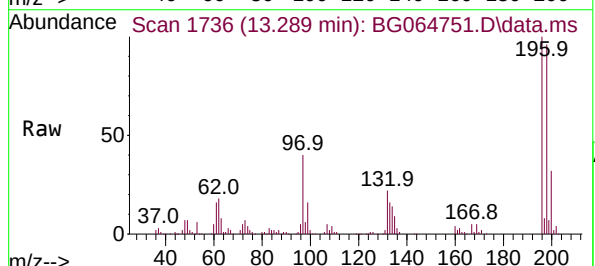
Ion Ratio Lower Upper

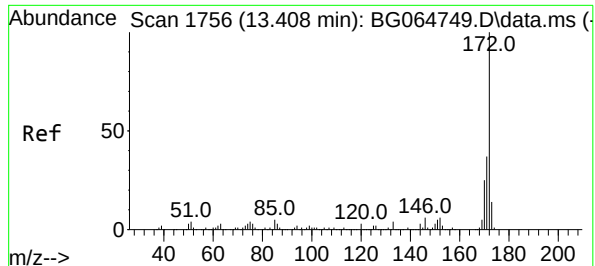
196 100

198 96.4 73.2 109.8

97 39.8 31.4 47.0

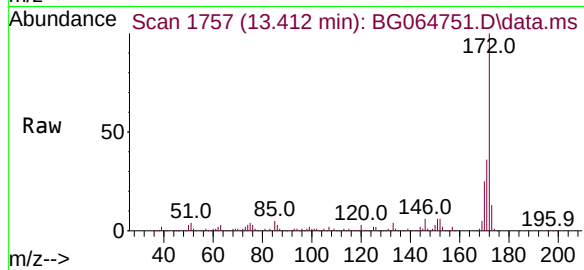
132 21.6 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 120.069 ng
RT: 13.412 min Scan# 1757
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

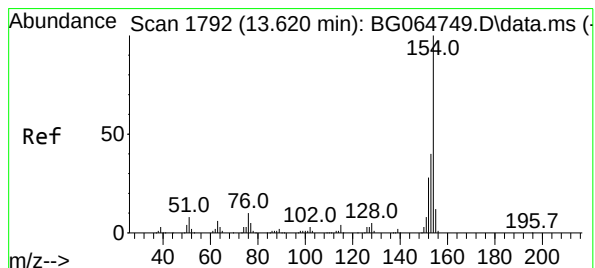
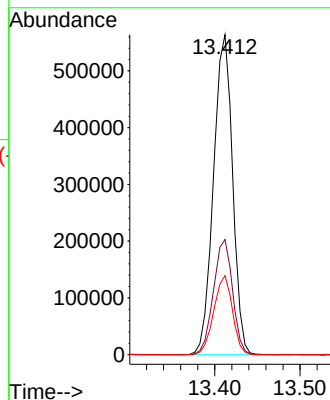
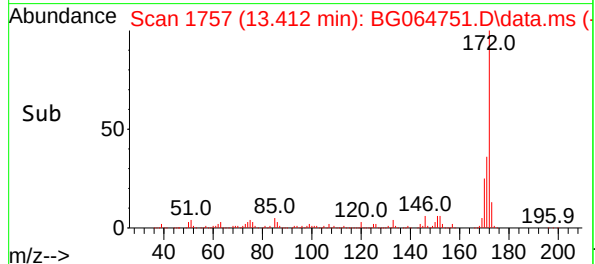
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:172 Resp: 875247
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 24.7 19.8 29.6

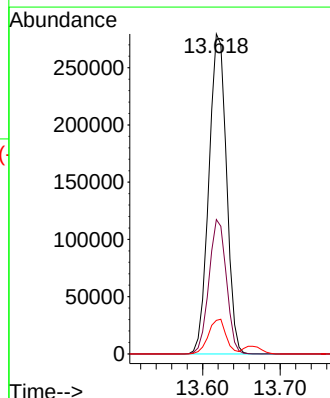
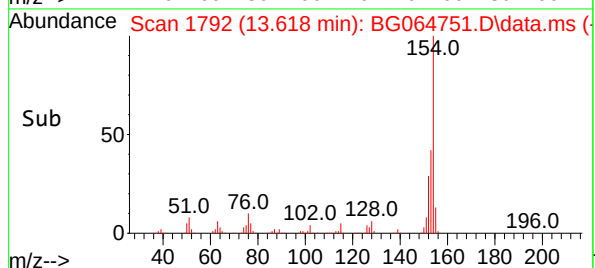
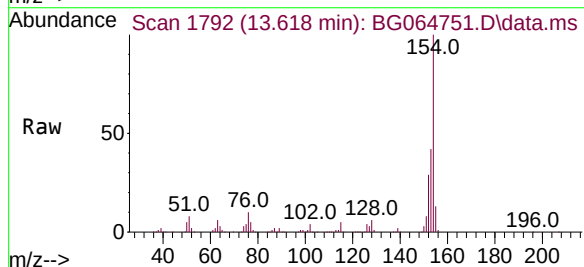
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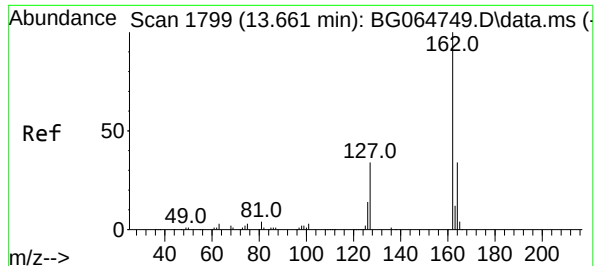
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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# 1800

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

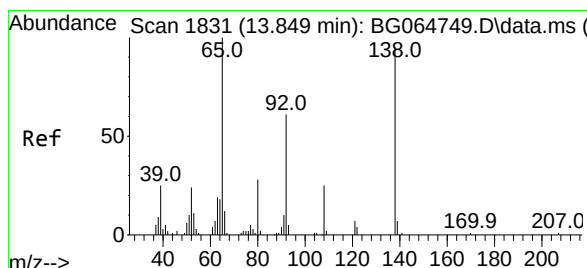
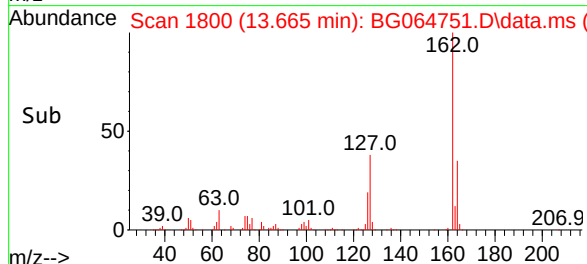
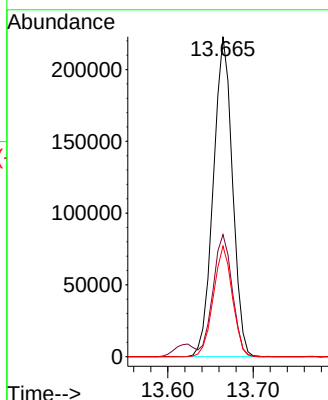
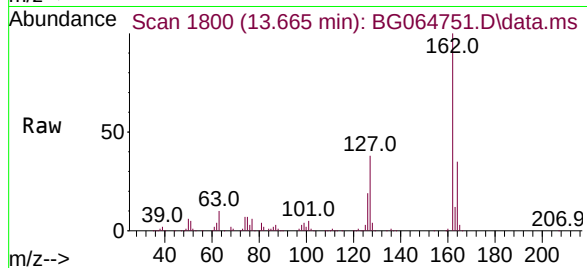
164 34.5 26.8 40.2

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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

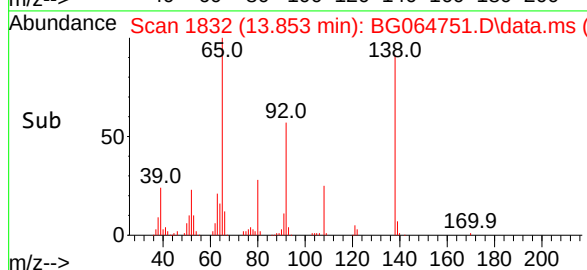
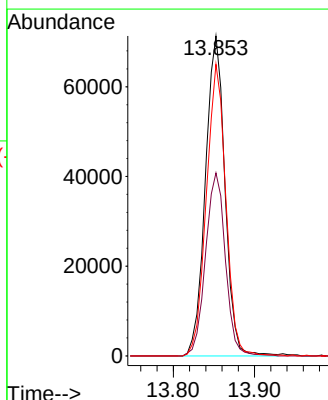
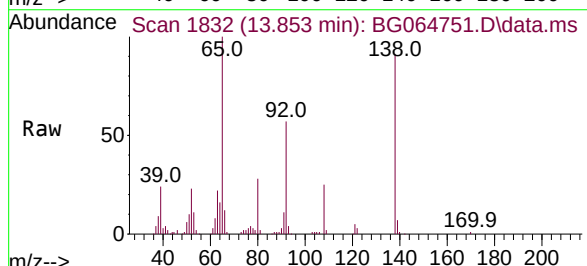
Tgt Ion: 65 Resp: 119346

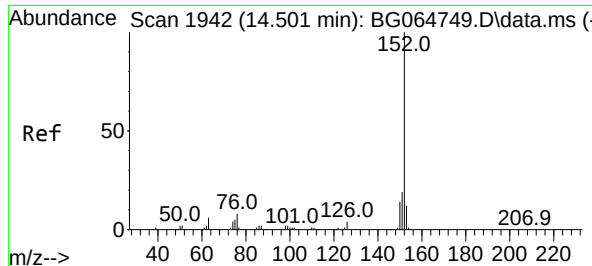
Ion Ratio Lower Upper

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

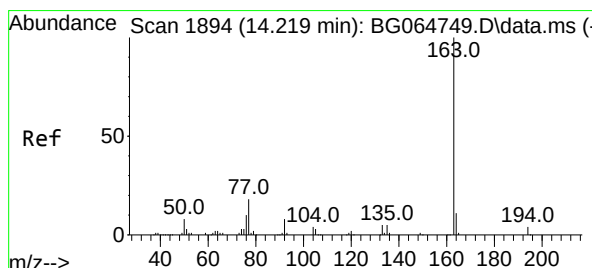
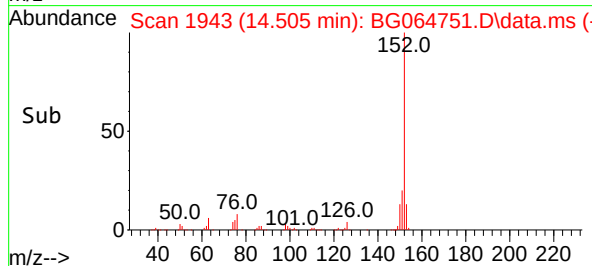
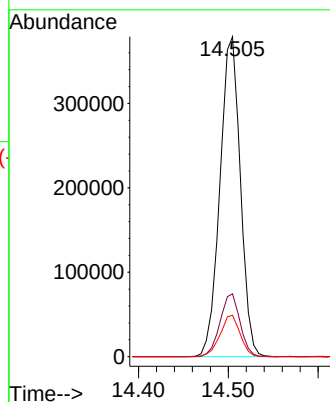
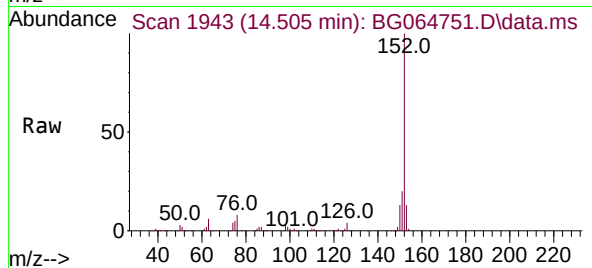
153 12.9 9.9 14.9

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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

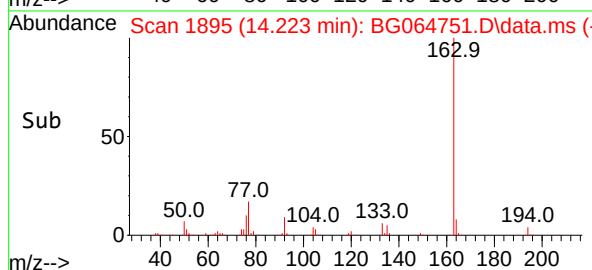
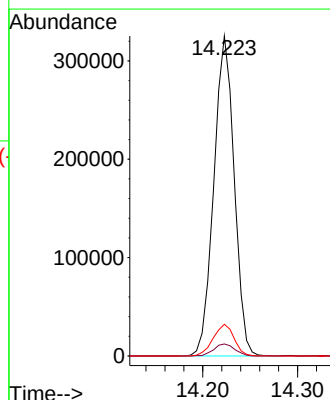
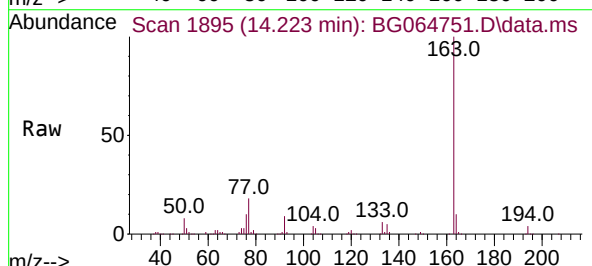
Tgt Ion:163 Resp: 485762

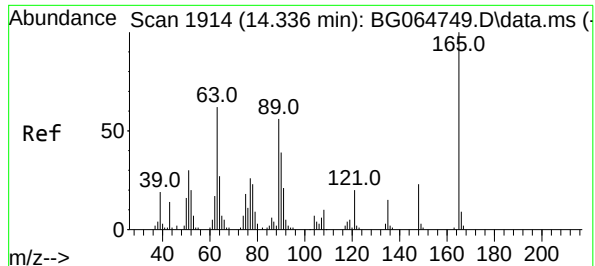
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 9.9 8.6 12.8





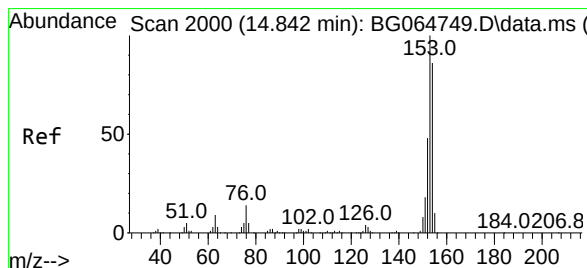
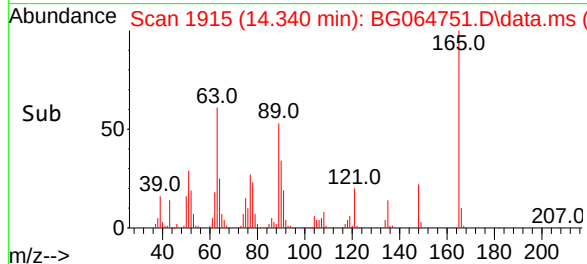
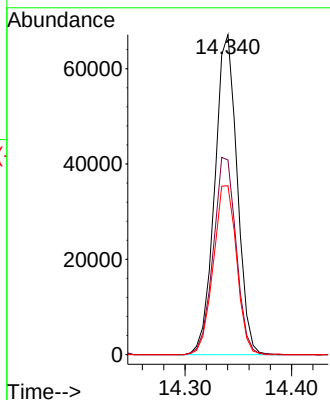
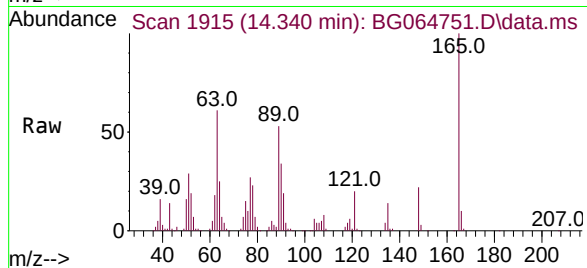
#51
2,6-Dinitrotoluene
Concen: 63.495 ng
RT: 14.340 min Scan# 1914
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

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

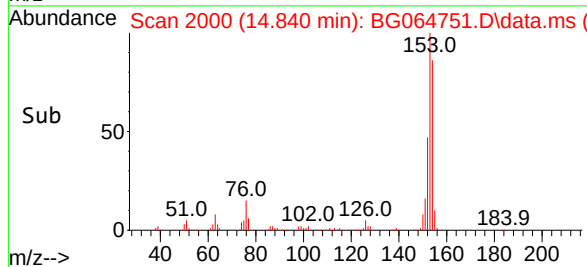
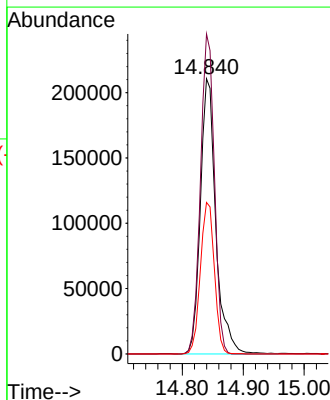
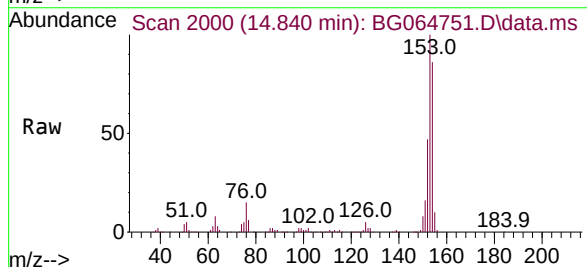
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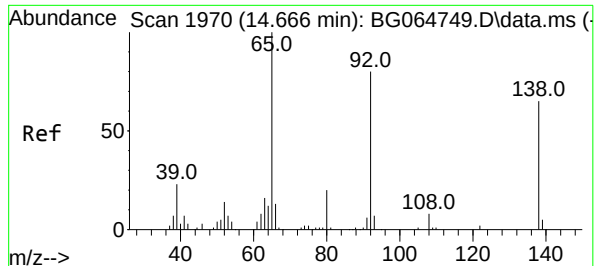
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





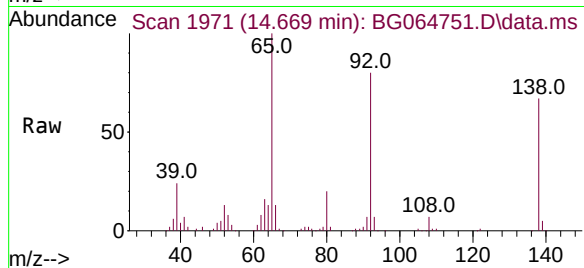
#53
3-Nitroaniline
Concen: 65.234 ng
RT: 14.669 min Scan# 1970
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

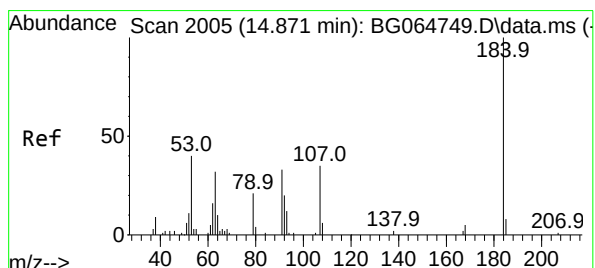
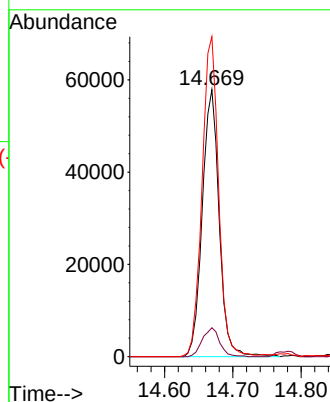
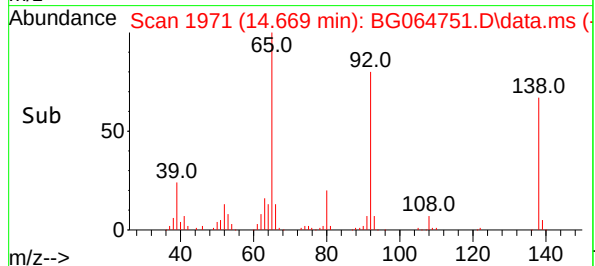


Tgt Ion:138 Resp: 99543
Ion Ratio Lower Upper
138 100
108 10.8 9.5 14.3
92 119.9 99.0 148.4

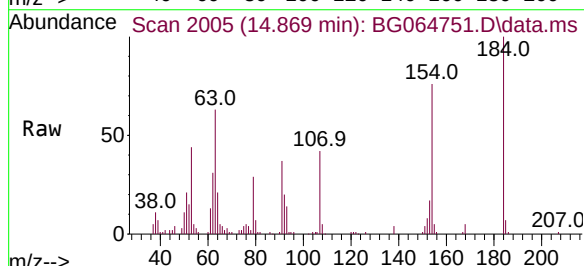
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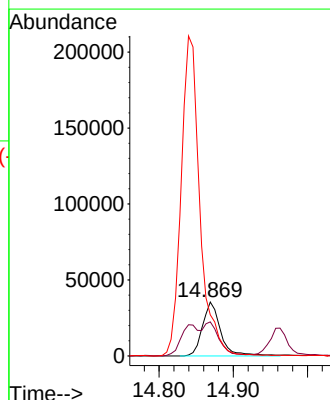
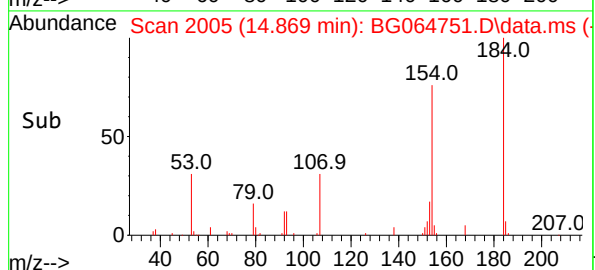
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

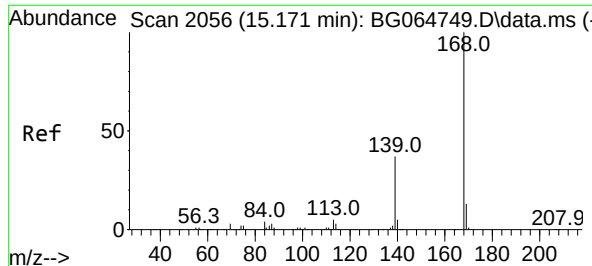


#54
2,4-Dinitrophenol
Concen: 59.432 ng
RT: 14.869 min Scan# 2005
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



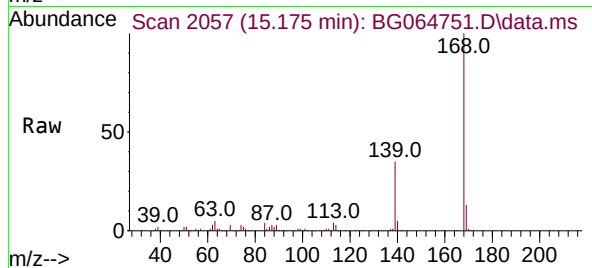
Tgt Ion:184 Resp: 60324
Ion Ratio Lower Upper
184 100
63 63.0 45.8 68.6
154 76.2 52.6 78.8





#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

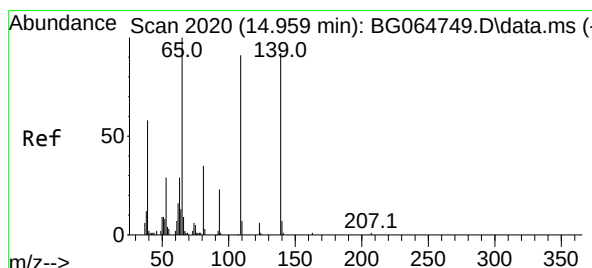
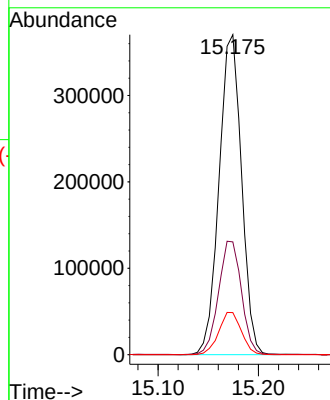
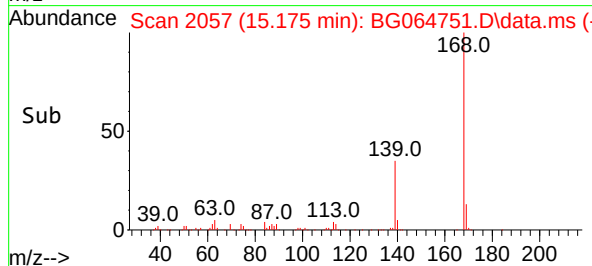
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

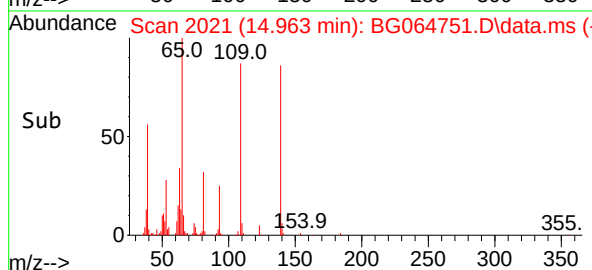
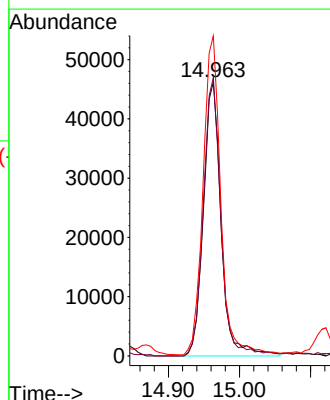
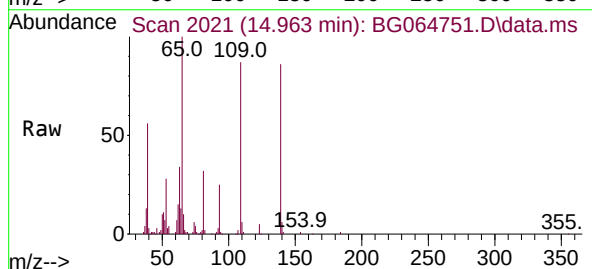
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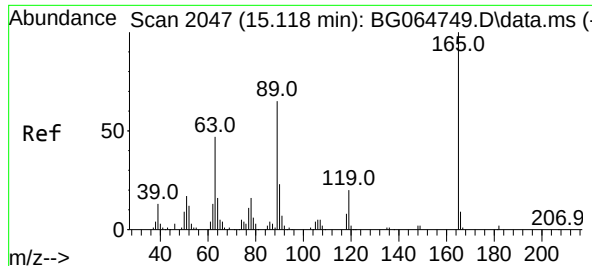
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





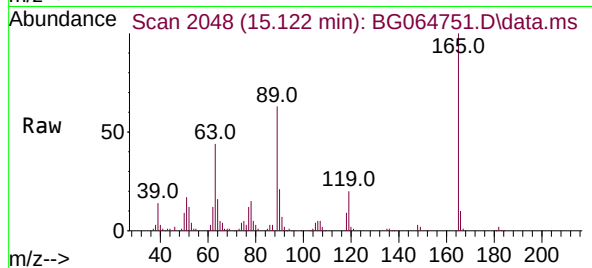
#57
2,4-Dinitrotoluene
Concen: 64.319 ng
RT: 15.122 min Scan# 2047
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

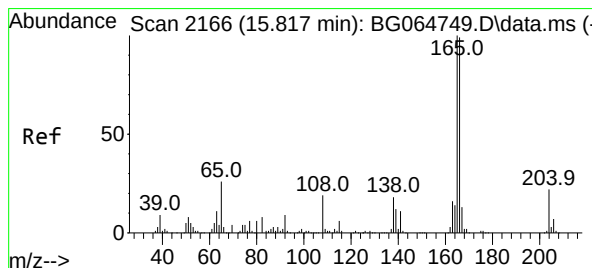
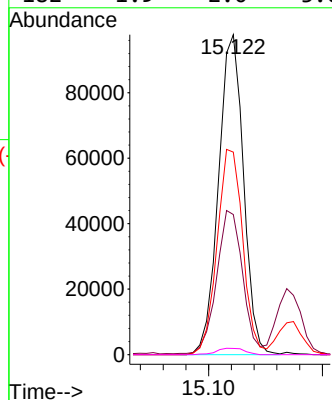
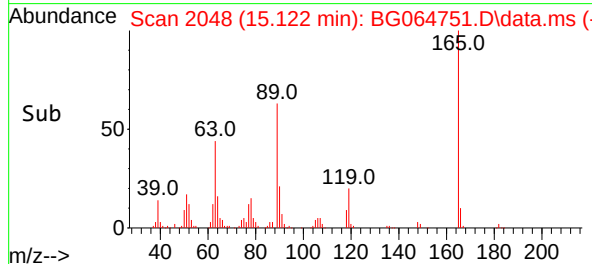


Tgt Ion:165 Resp: 149083
Ion Ratio Lower Upper
165 100
63 43.8 37.8 56.6
89 63.3 51.6 77.4
182 1.9 2.0 3.0#

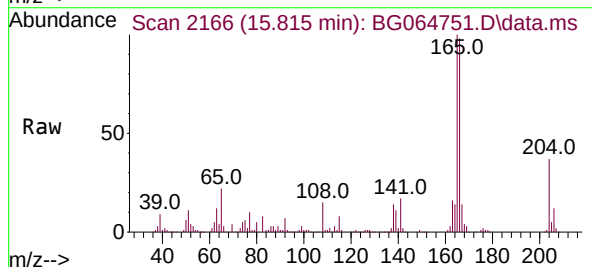
Manual Integrations

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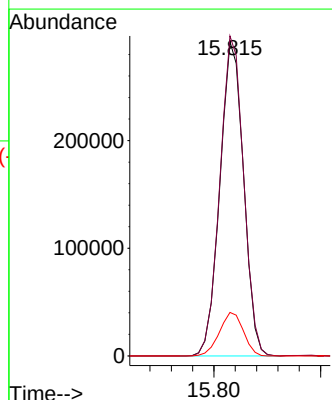
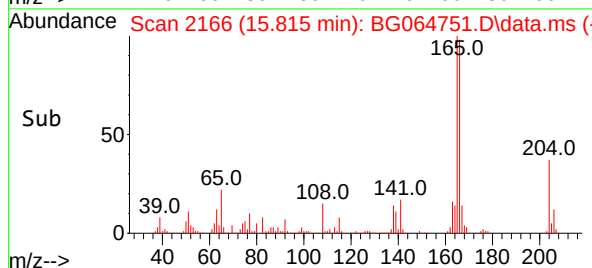
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

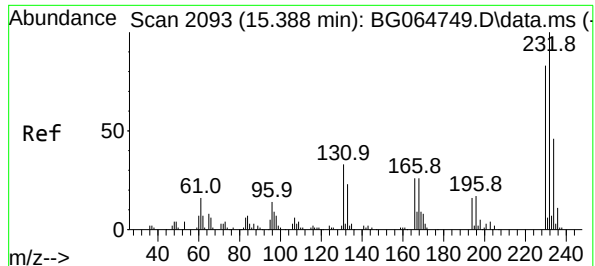


#58
Fluorene
Concen: 58.885 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



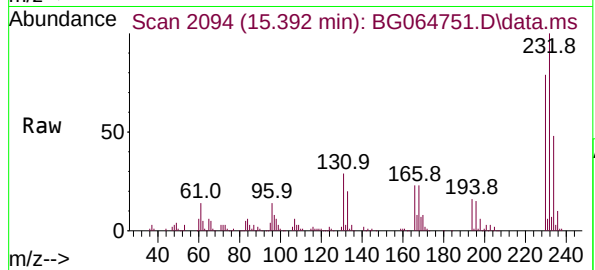
Tgt Ion:166 Resp: 450137
Ion Ratio Lower Upper
166 100
165 101.8 80.5 120.7
167 13.8 10.3 15.5





#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

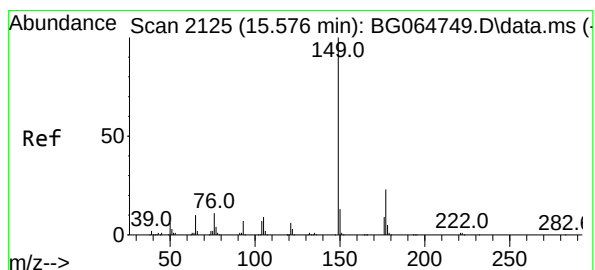
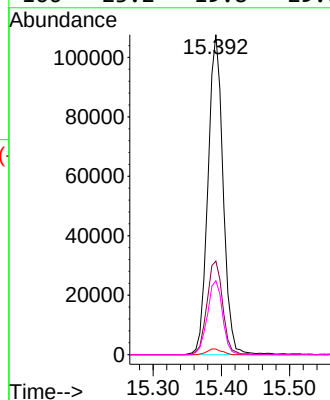
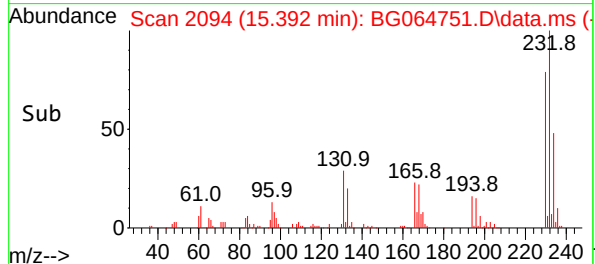
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

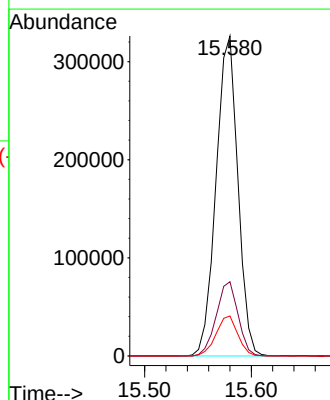
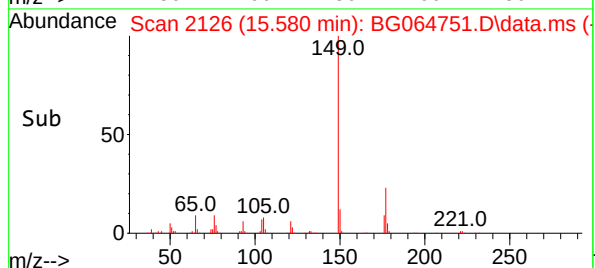
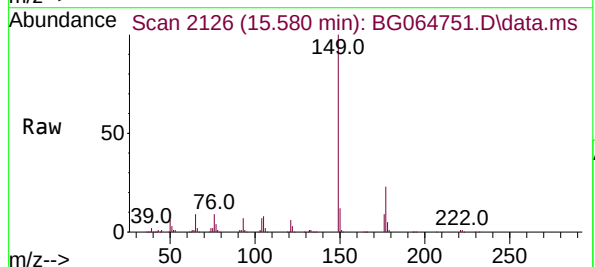
Manual Integrations
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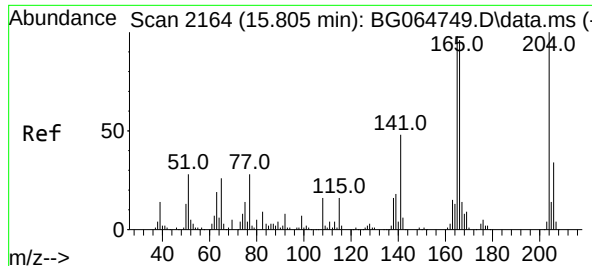
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

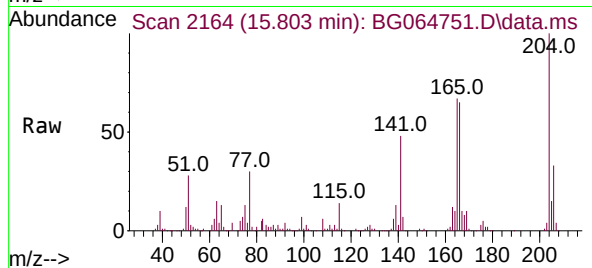
Tgt Ion:149 Resp: 463685
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.5 10.1 15.1





#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

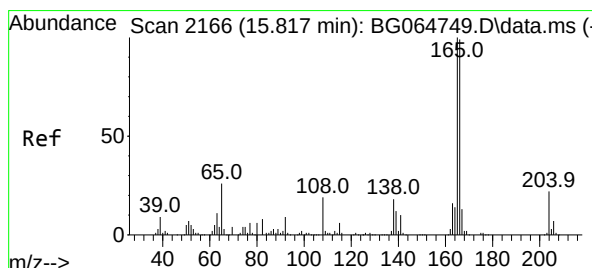
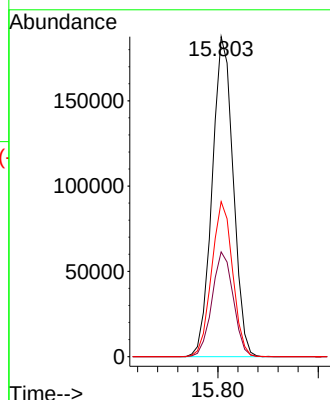
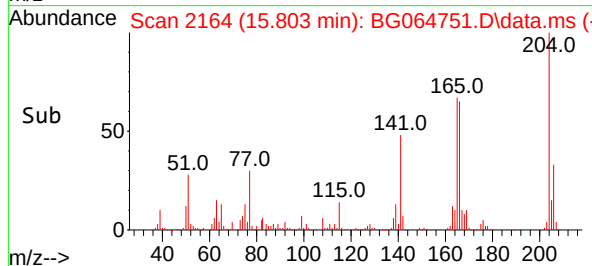
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



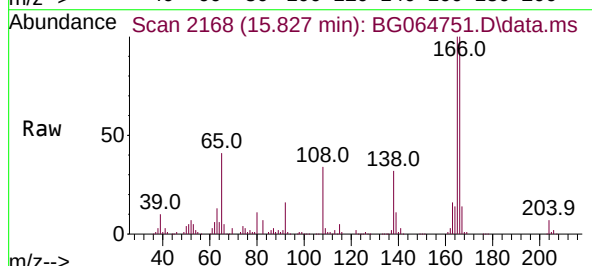
Tgt Ion:204 Resp: 272931
Ion Ratio Lower Upper
204 100
206 32.7 26.9 40.3
141 48.4 38.1 57.1

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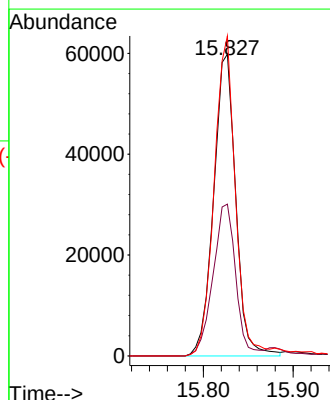
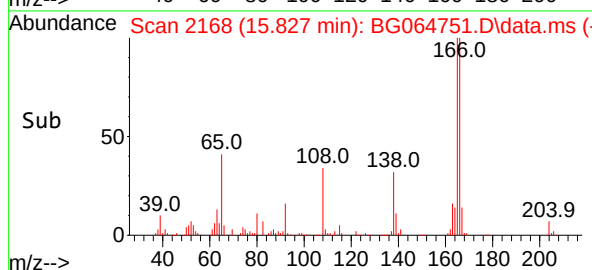
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

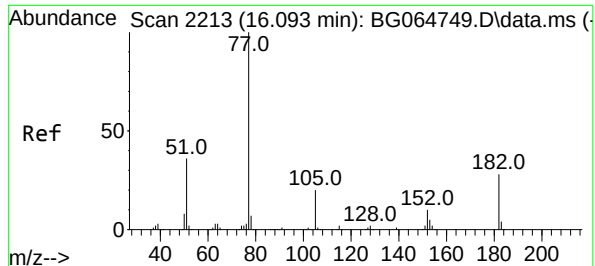


#62
4-Nitroaniline
Concen: 64.702 ng
RT: 15.827 min Scan# 2168
Delta R.T. 0.010 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



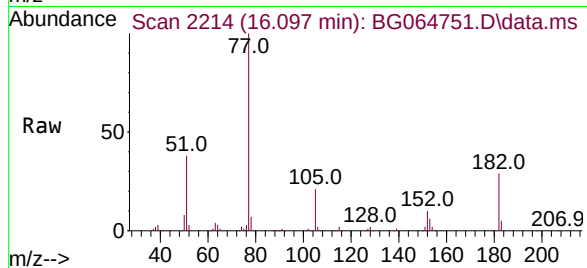
Tgt Ion:138 Resp: 102284
Ion Ratio Lower Upper
138 100
92 50.3 30.7 70.7
108 106.1 85.7 125.7





#63
Azobenzene
Concen: 59.841 ng
RT: 16.097 min Scan# 2213
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23

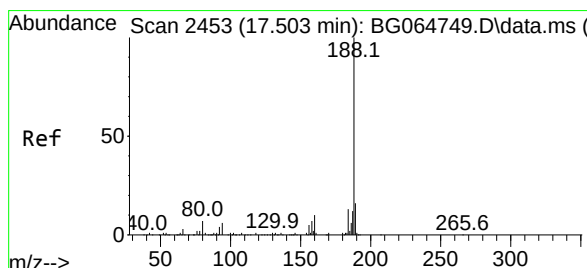
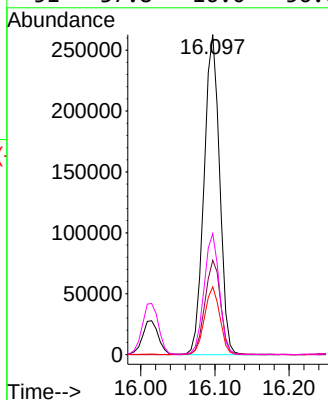
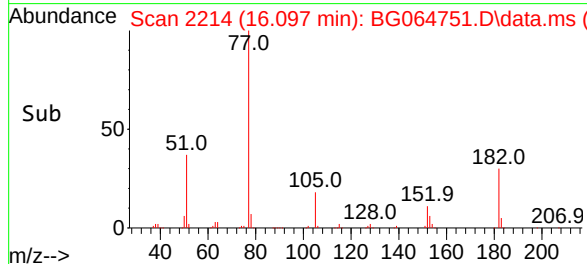
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



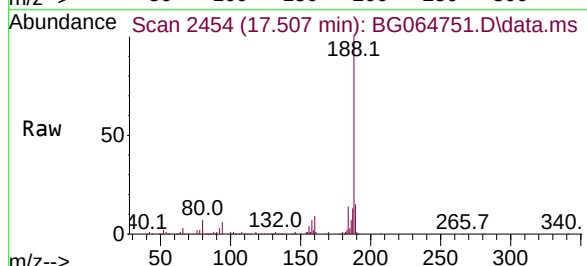
Tgt Ion: 77 Resp: 383102
Ion Ratio Lower Upper
77 100
182 29.5 8.1 48.1
105 21.2 0.1 40.1
51 37.8 16.0 56.0

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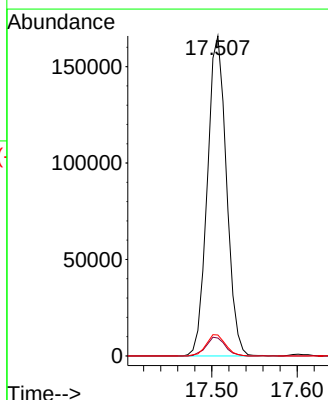
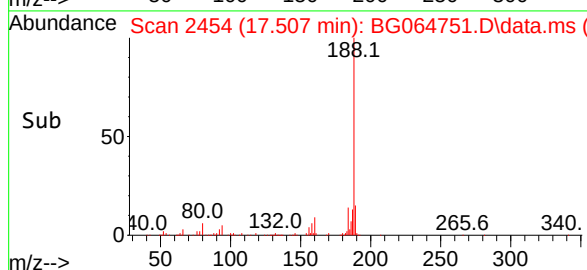
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

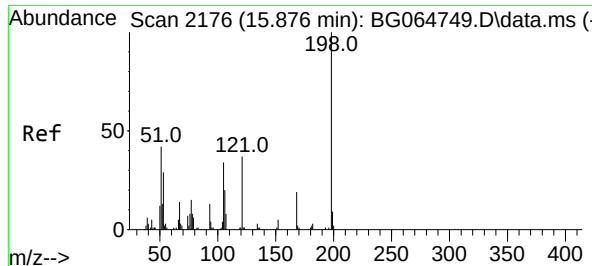


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2454
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



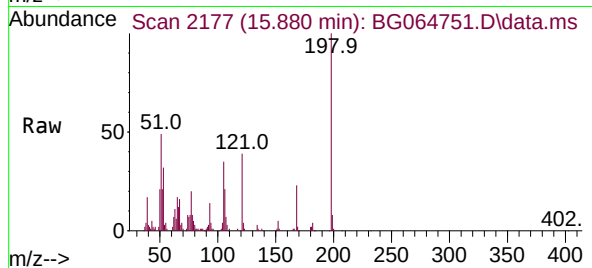
Tgt Ion:188 Resp: 257987
Ion Ratio Lower Upper
188 100
94 5.6 4.7 7.1
80 6.6 5.4 8.2





#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

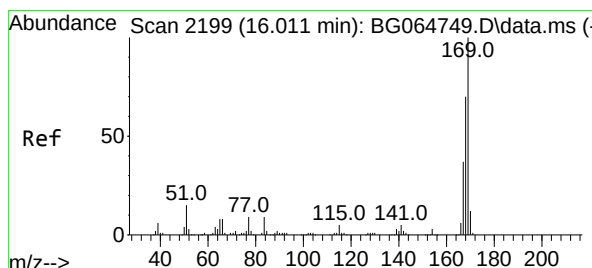
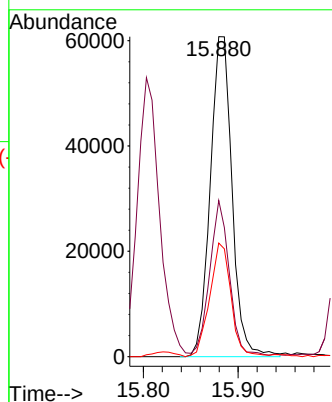
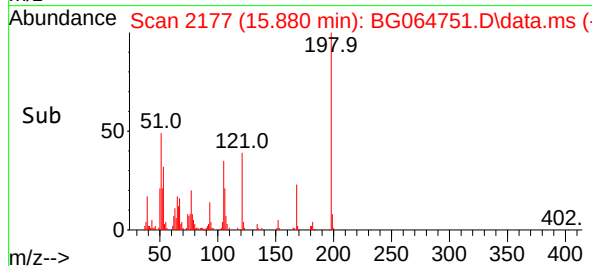
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

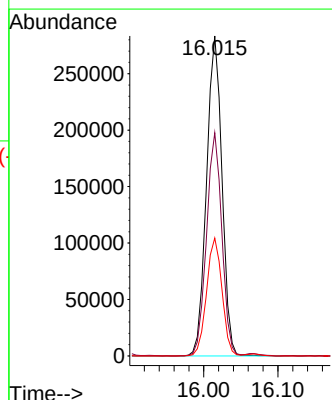
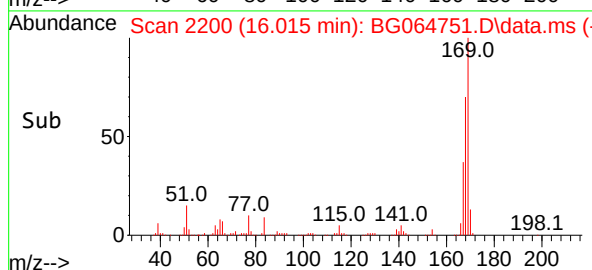
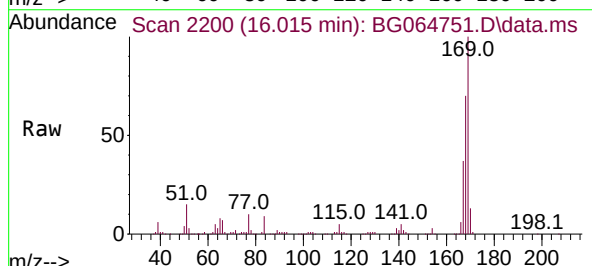
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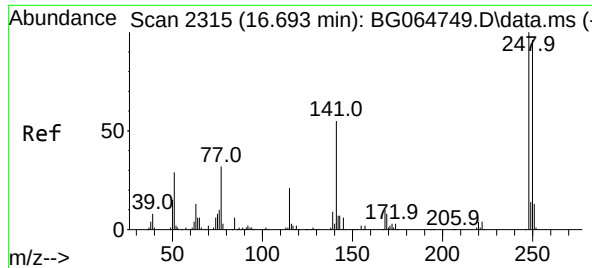
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

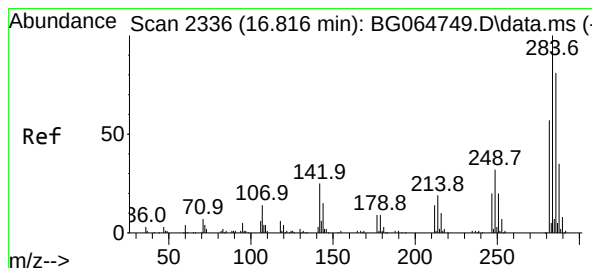
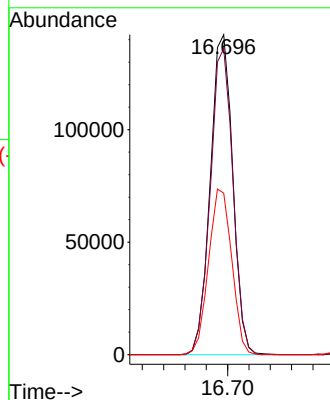
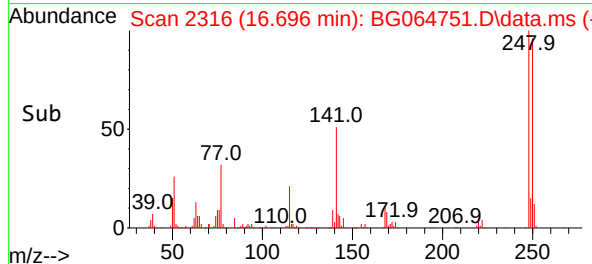
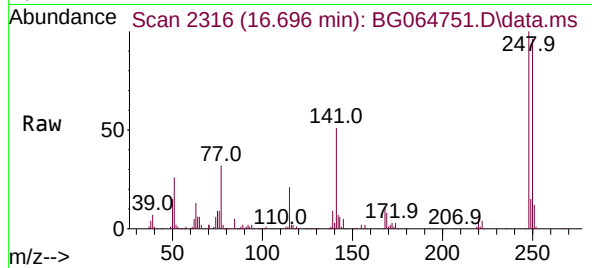
141 50.5 43.7 65.5

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

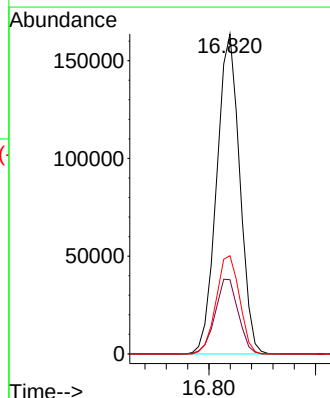
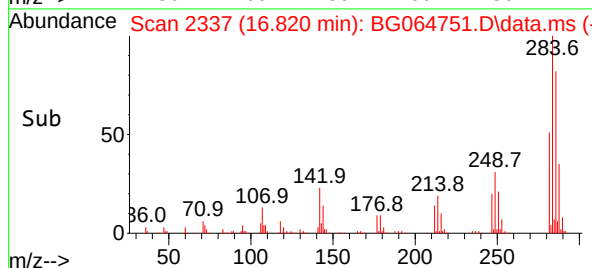
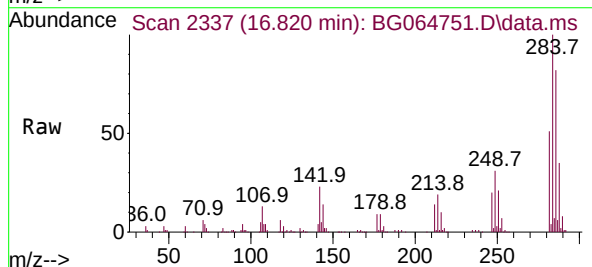
Tgt Ion:284 Resp: 245522

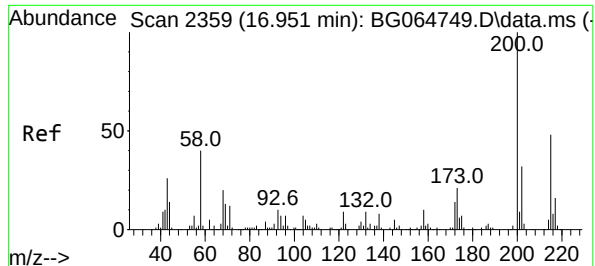
Ion Ratio Lower Upper

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

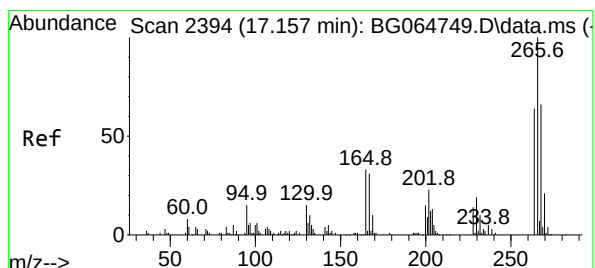
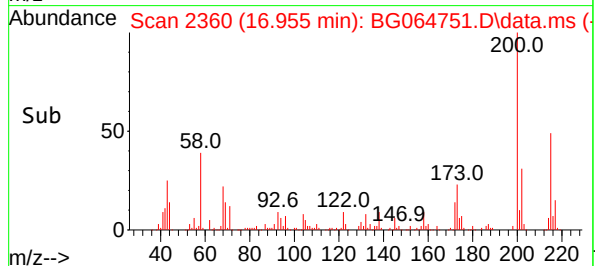
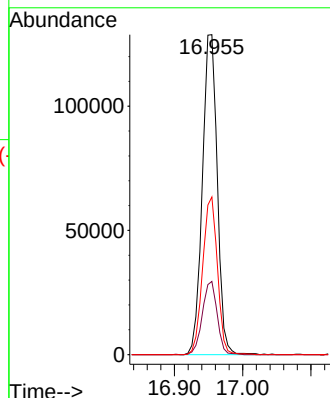
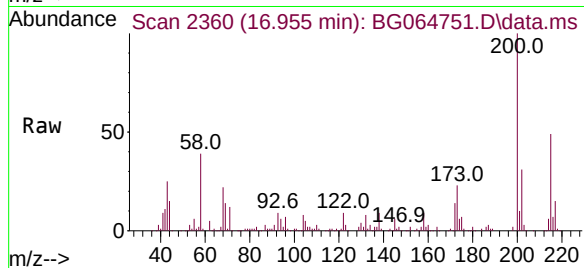
215 49.3 27.5 67.5

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

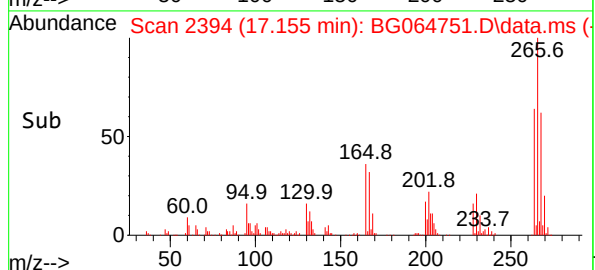
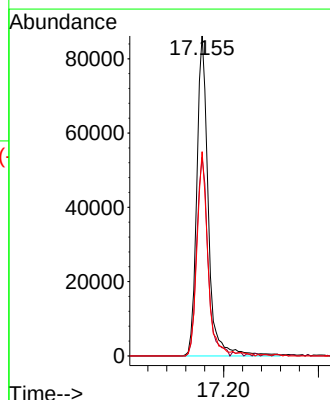
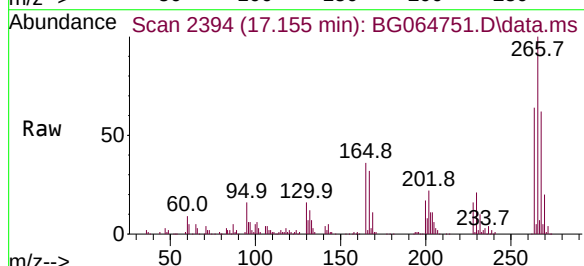
Tgt Ion:266 Resp: 144648

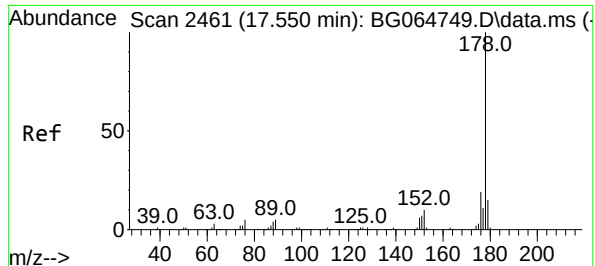
Ion Ratio Lower Upper

266 100

268 66.6 56.1 84.1

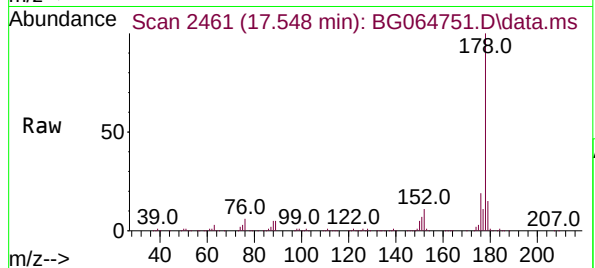
264 63.8 51.2 76.8





#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

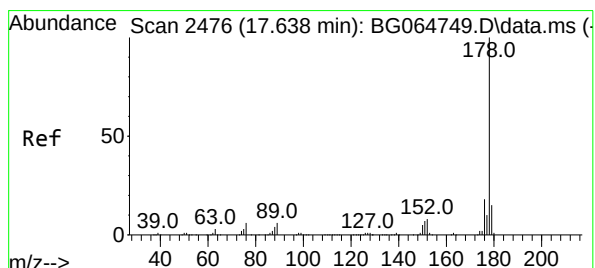
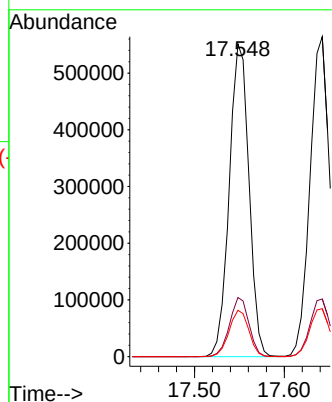
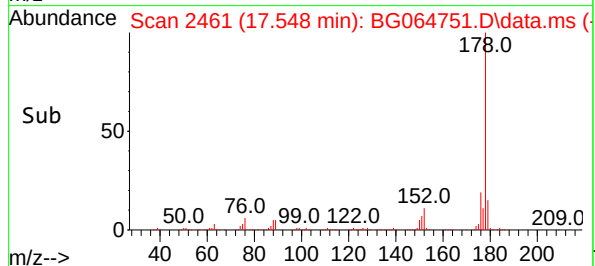
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



Tgt Ion:178 Resp: 843427
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 14.8 12.2 18.4

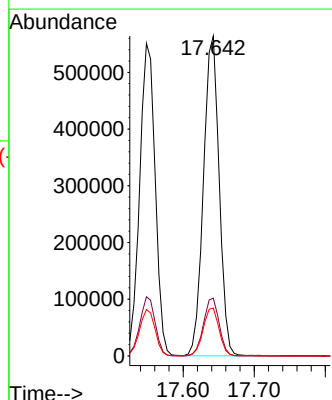
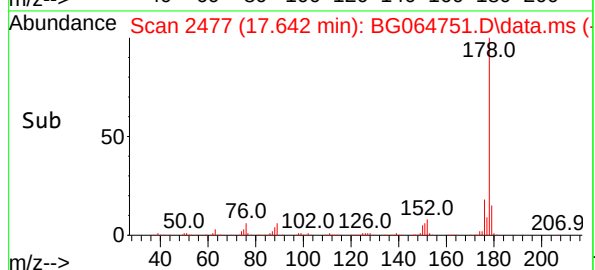
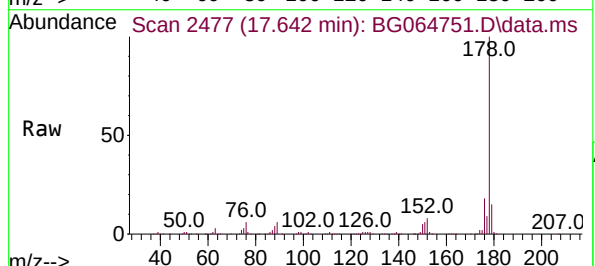
Manual Integrations
APPROVED

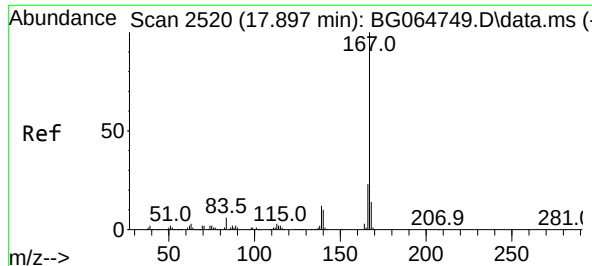
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

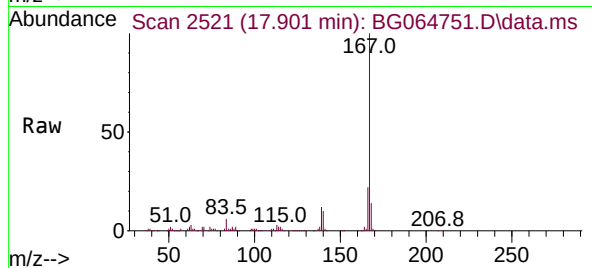
Tgt Ion:178 Resp: 861577
Ion Ratio Lower Upper
178 100
176 18.0 14.5 21.7
179 15.0 12.2 18.4





#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

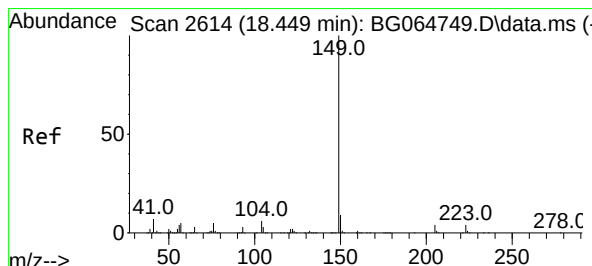
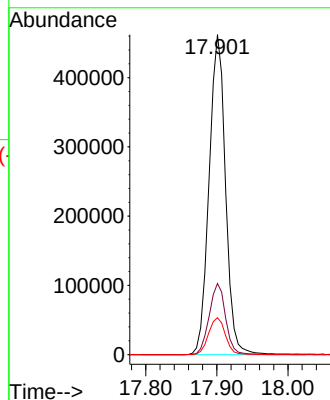
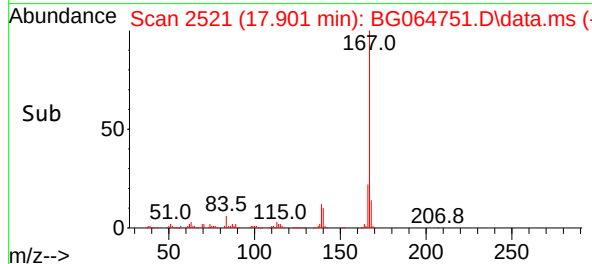
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

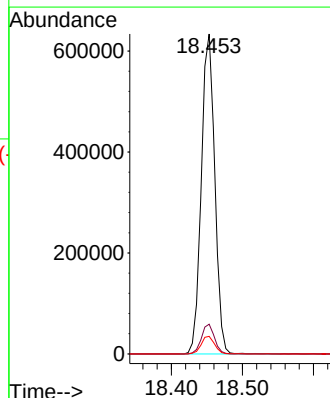
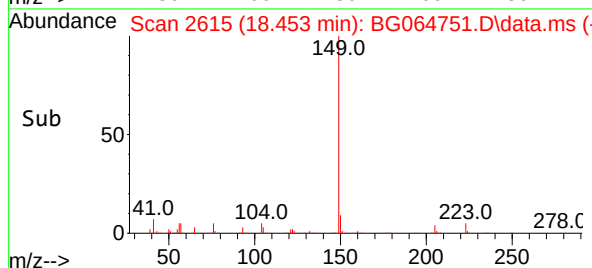
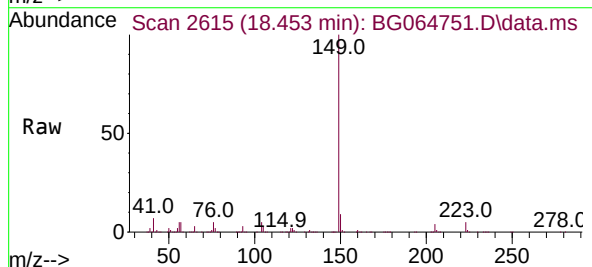
Manual Integrations
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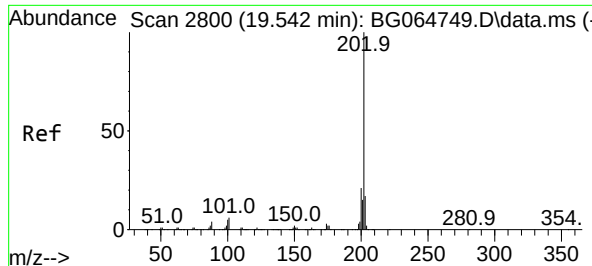
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

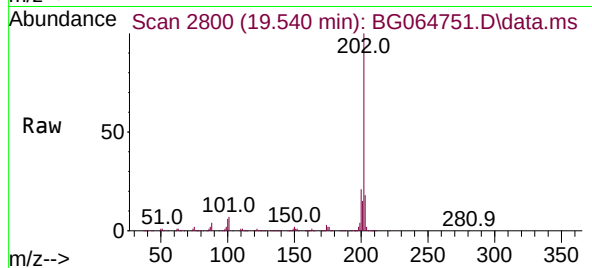
Tgt Ion:149 Resp: 828062
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.5 4.4 6.6





#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

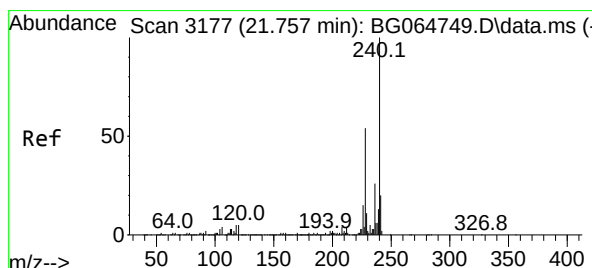
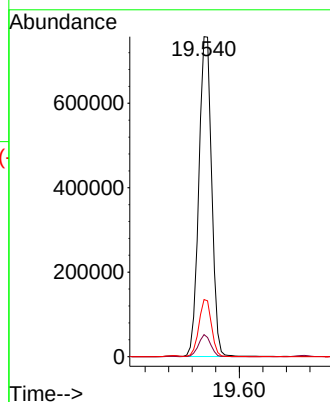
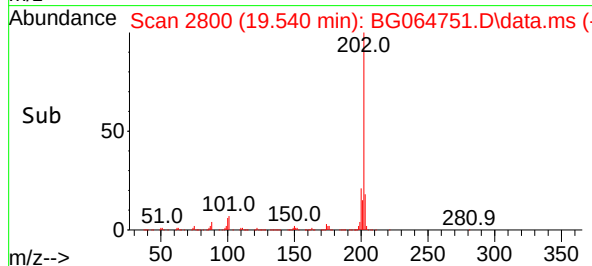
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

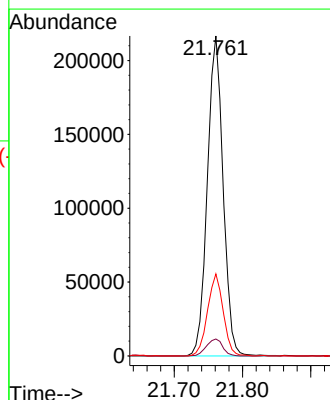
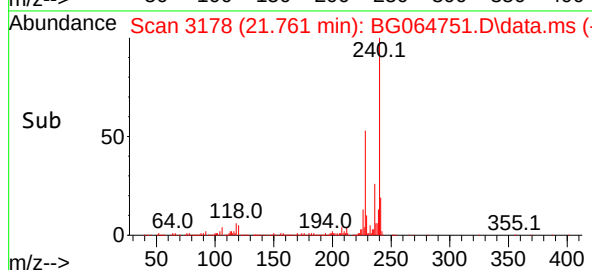
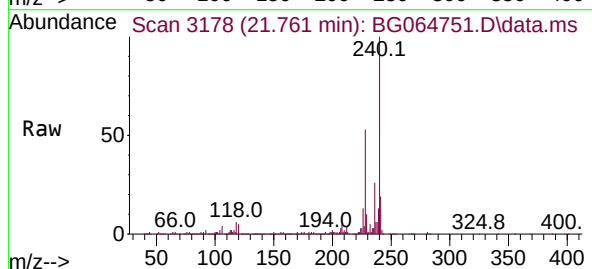
Manual Integrations
APPROVED

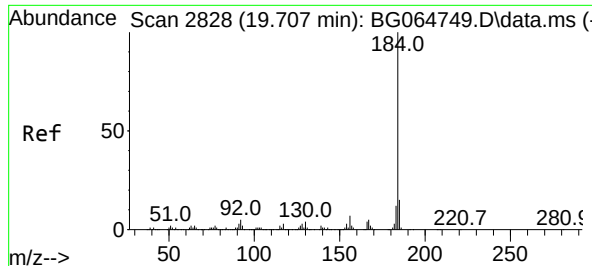
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

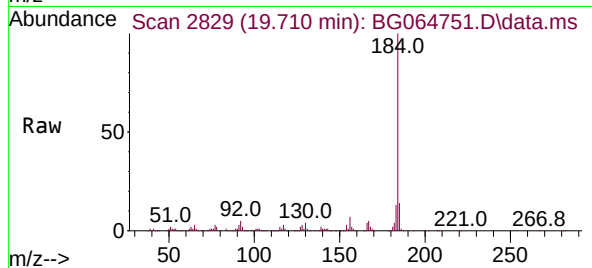
Tgt Ion:240 Resp: 346774
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.4
236 25.6 20.8 31.2





#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

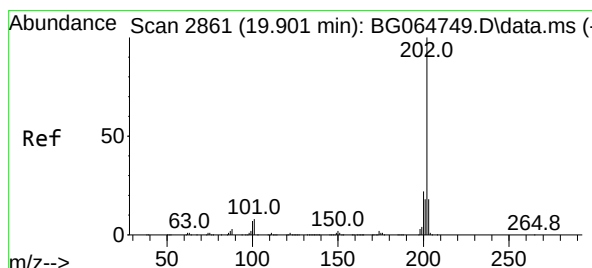
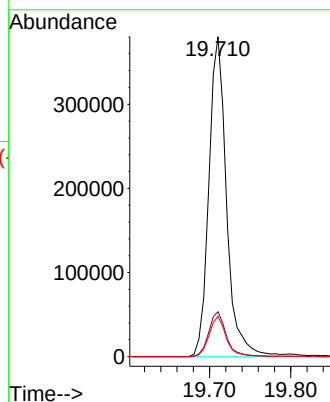
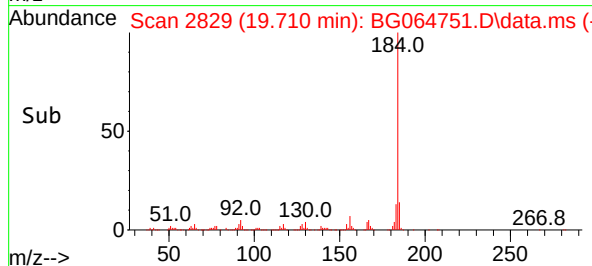
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

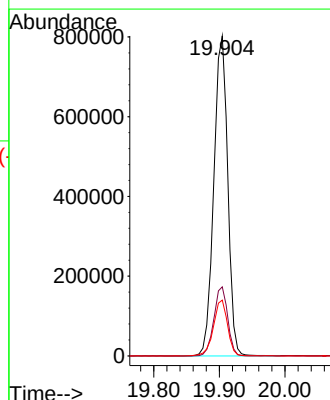
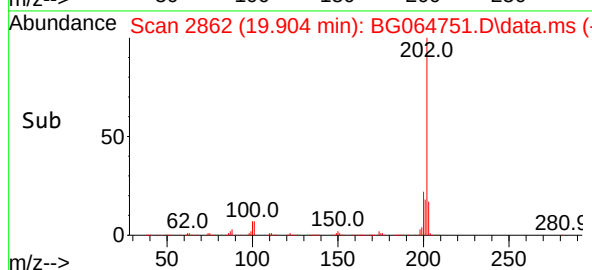
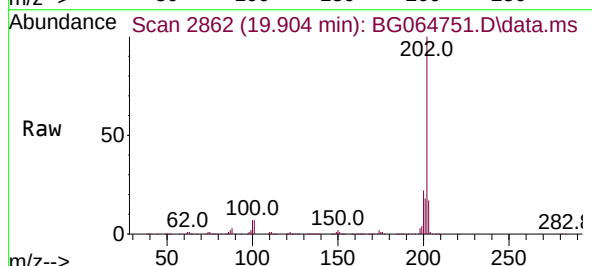
Manual Integrations
APPROVED

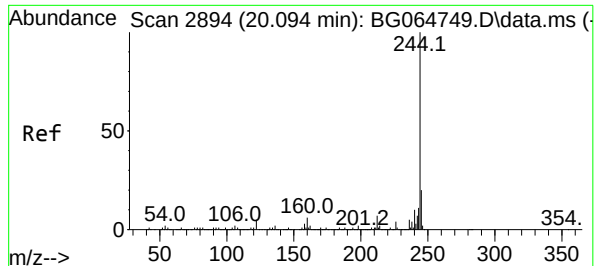
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

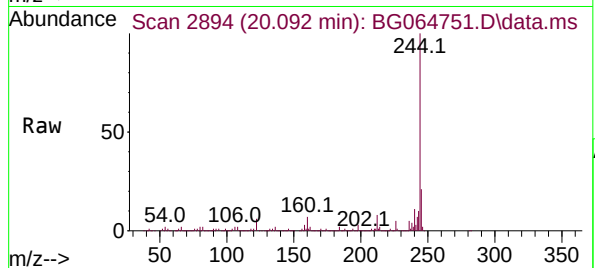
Tgt Ion:202 Resp: 1181920
Ion Ratio Lower Upper
202 100
200 21.6 17.9 26.9
203 17.4 14.0 21.0





#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

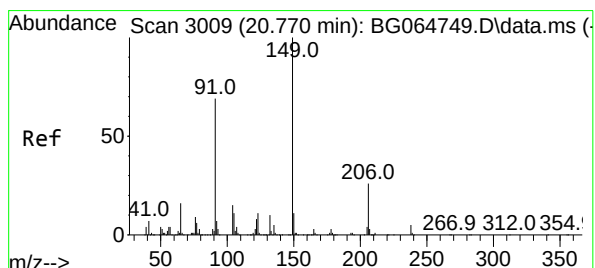
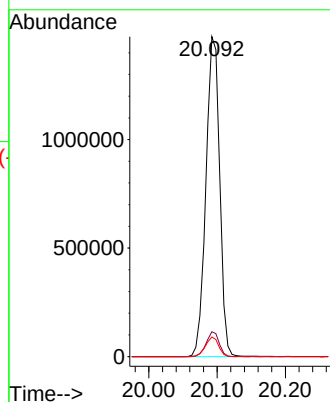
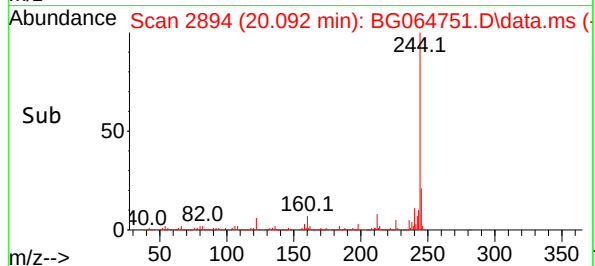
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



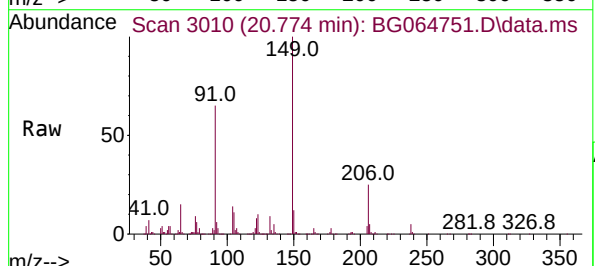
Tgt Ion:244 Resp: 2066052
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 6.1 4.3 6.5

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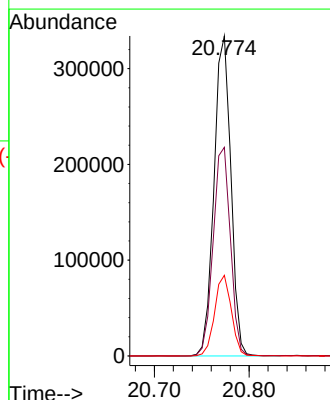
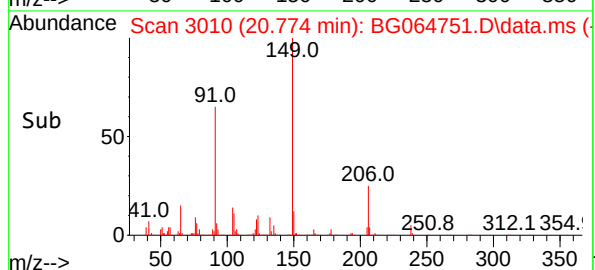
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

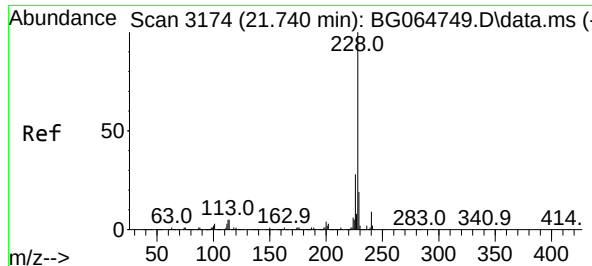


#80
Butylbenzylphthalate
Concen: 60.444 ng
RT: 20.774 min Scan# 3010
Delta R.T. 0.004 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



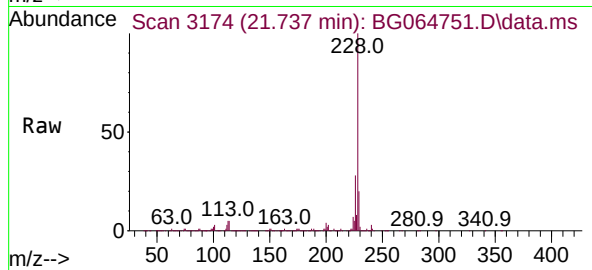
Tgt Ion:149 Resp: 413202
Ion Ratio Lower Upper
149 100
91 65.2 54.9 82.3
206 25.2 21.2 31.8





#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

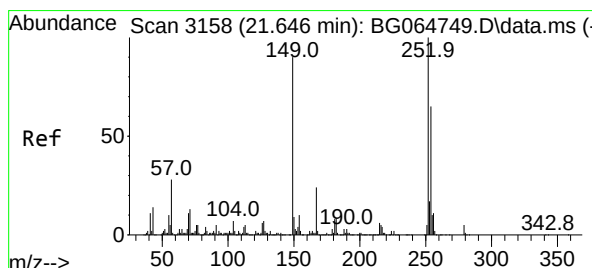
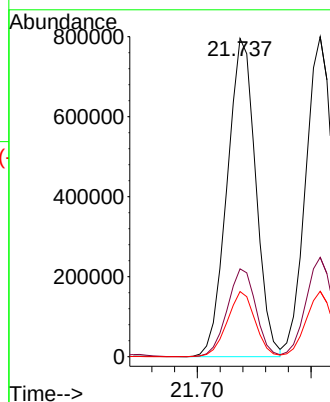
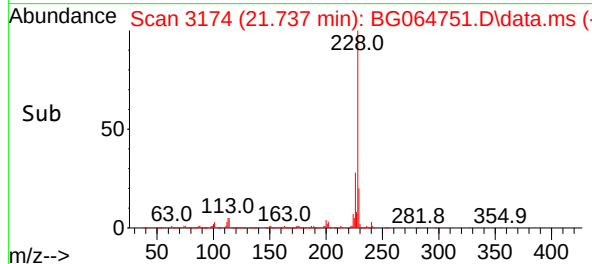
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

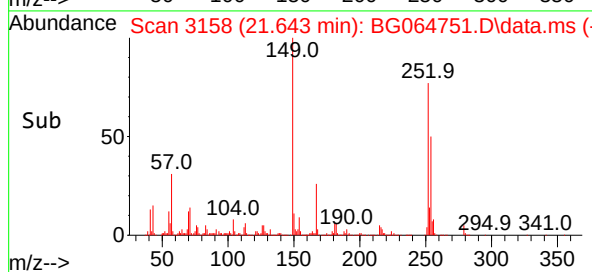
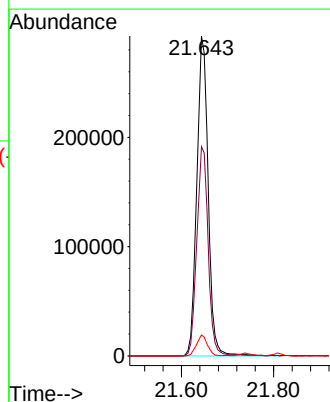
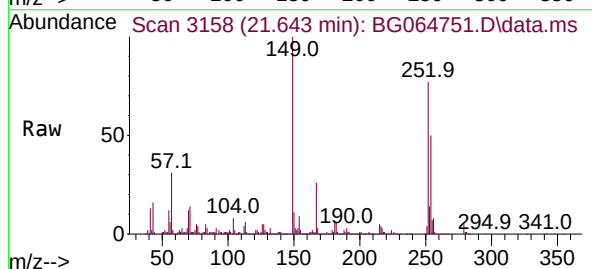
Manual Integrations
APPROVED

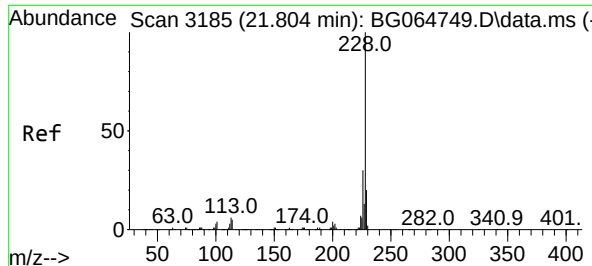
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

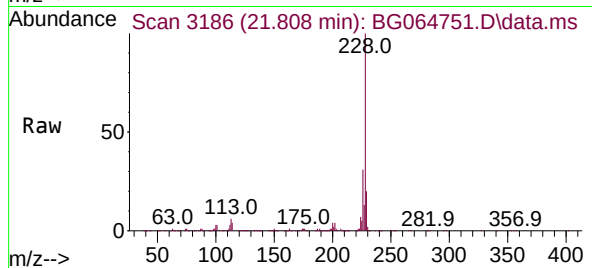
Tgt Ion:252 Resp: 498737
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.8
126 6.5 4.7 7.1





#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

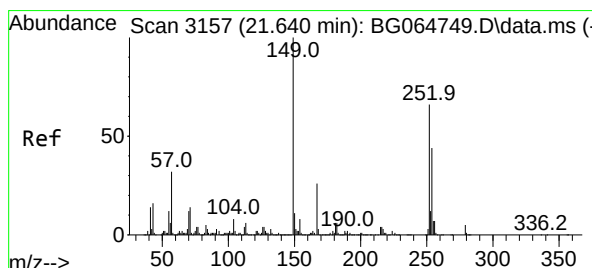
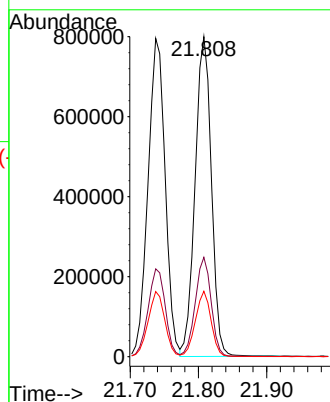
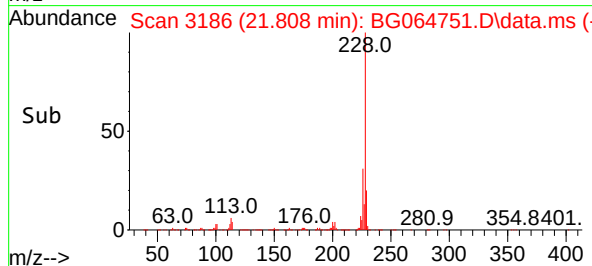
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

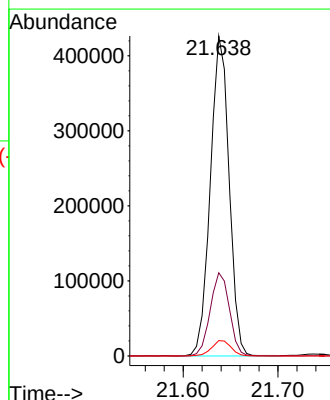
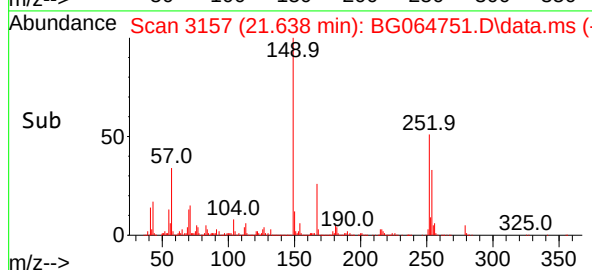
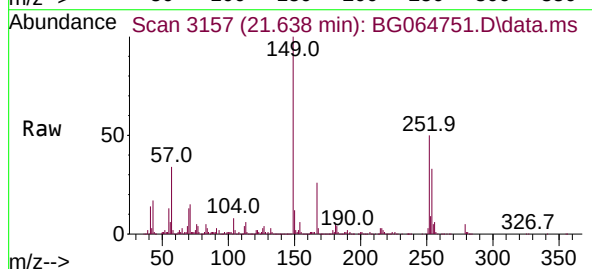
Manual Integrations
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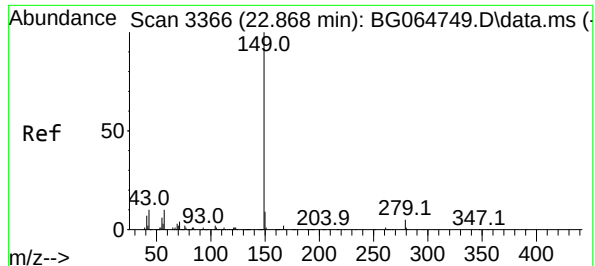
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

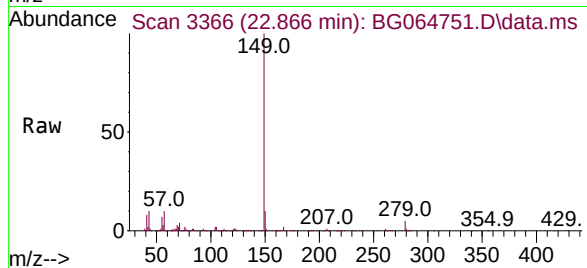
Tgt Ion:149 Resp: 586917
Ion Ratio Lower Upper
149 100
167 26.0 21.0 31.4
279 4.8 4.1 6.1





#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

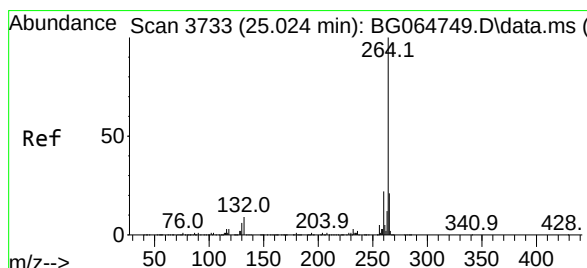
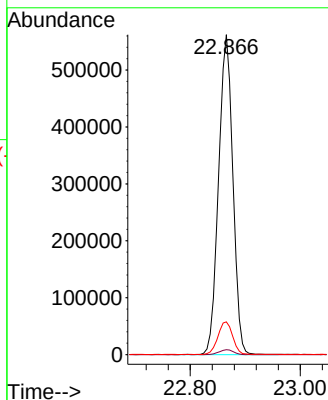
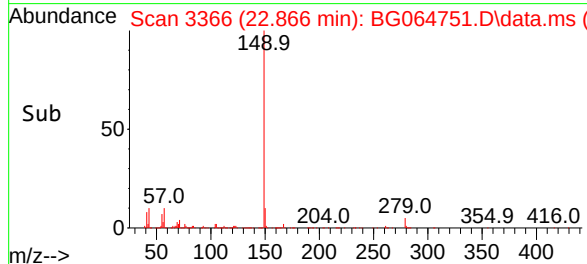
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



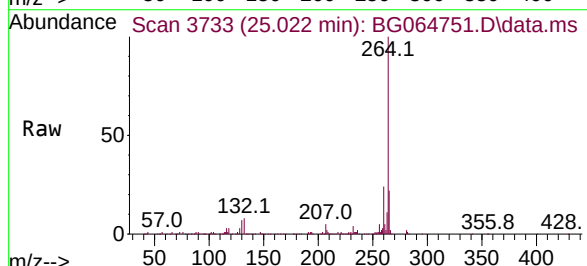
Tgt Ion:149 Resp: 1013682
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 8.3 12.5

Manual Integrations
APPROVED

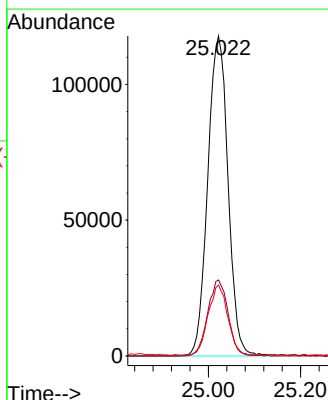
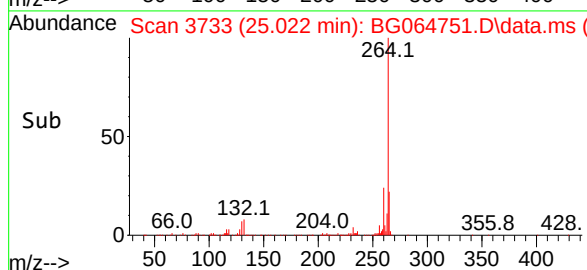
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

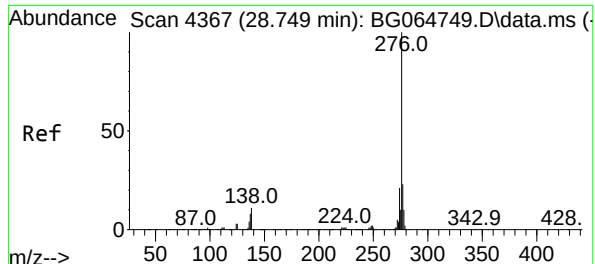


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.022 min Scan# 3733
Delta R.T. -0.002 min
Lab File: BG064751.D
Acq: 12 Nov 2025 15:23



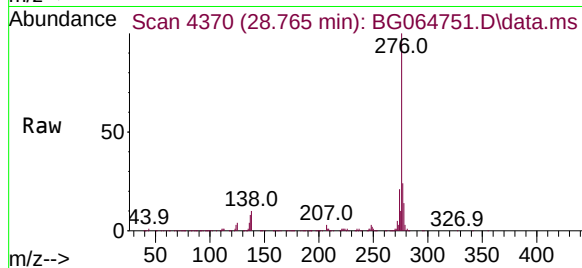
Tgt Ion:264 Resp: 359143
Ion Ratio Lower Upper
264 100
260 23.7 17.2 25.8
265 22.1 16.6 25.0





#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

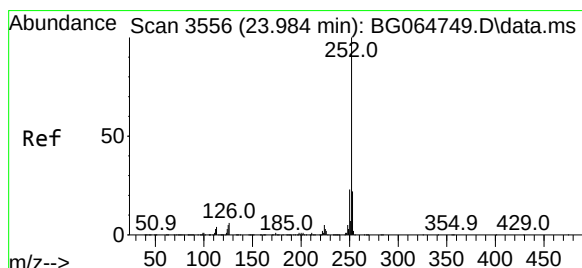
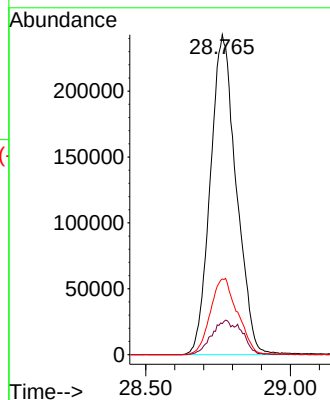
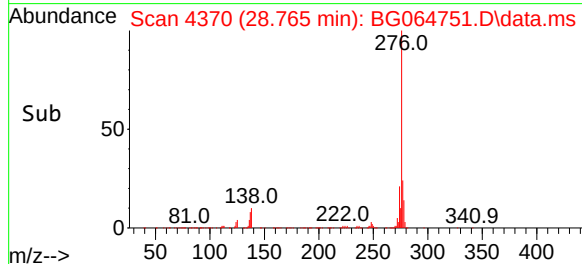
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

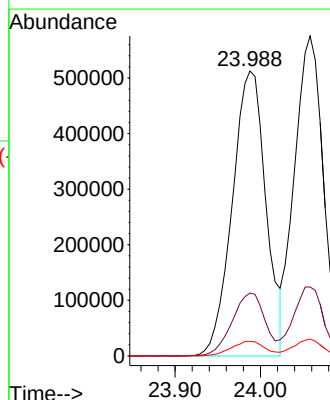
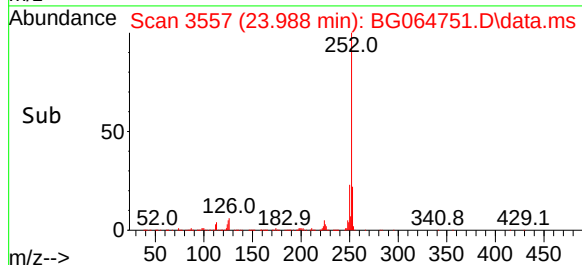
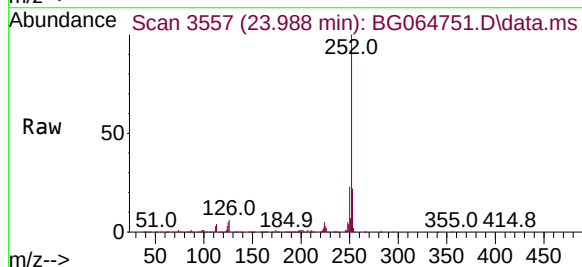
Manual Integrations
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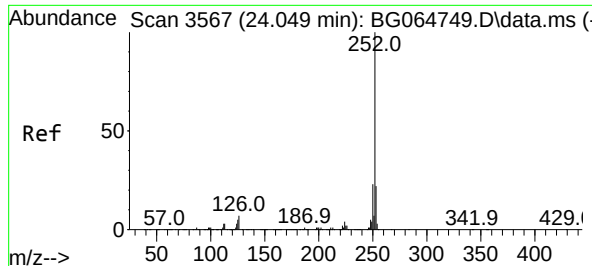
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

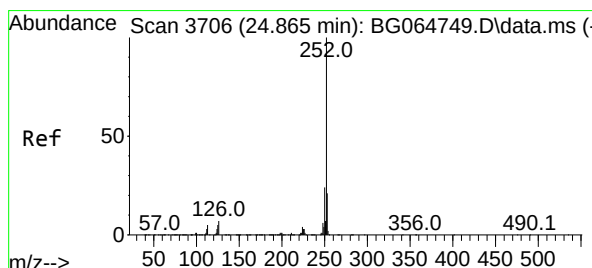
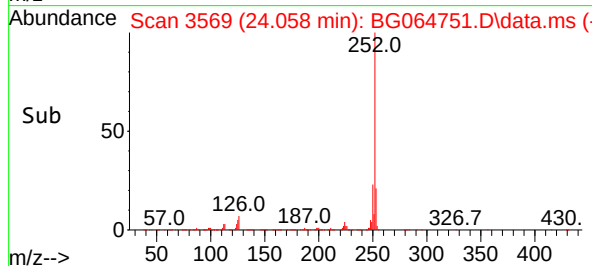
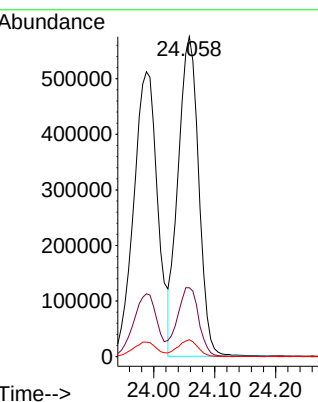
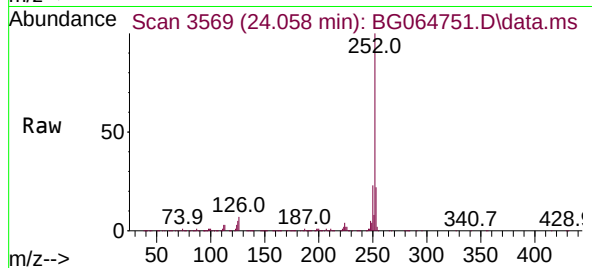
125 5.3 4.1 6.1

Manual Integrations

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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

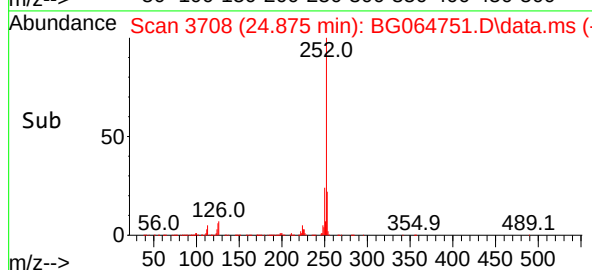
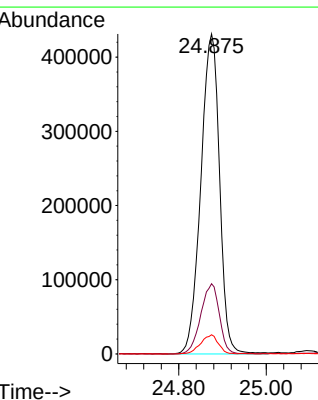
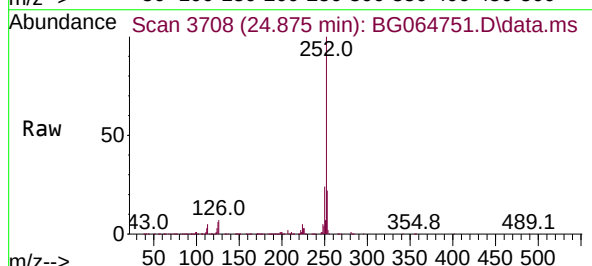
Tgt Ion:252 Resp: 1281570

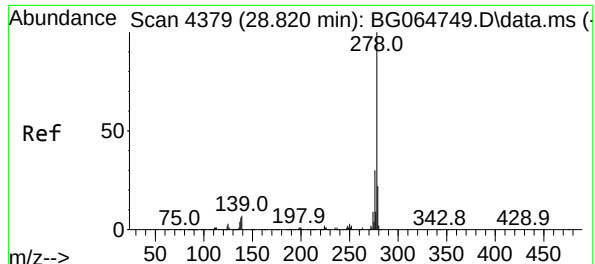
Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

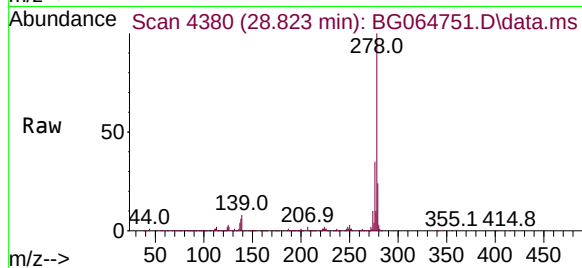
125 6.0 4.2 6.4





#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

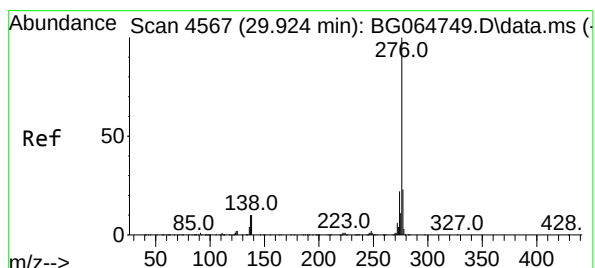
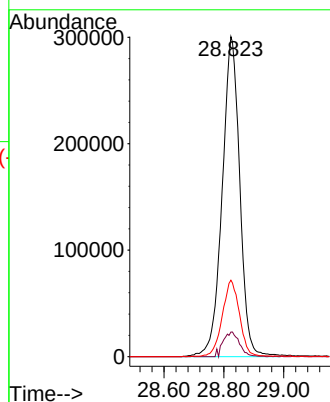
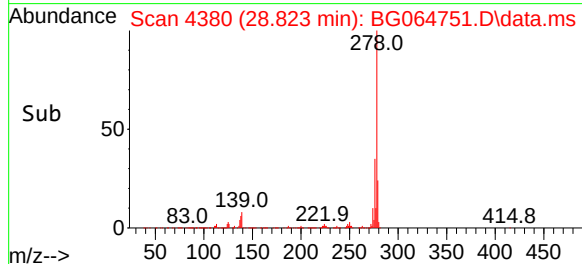
Instrument :
BNA_G
ClientSampleId :
SSTDICC060



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

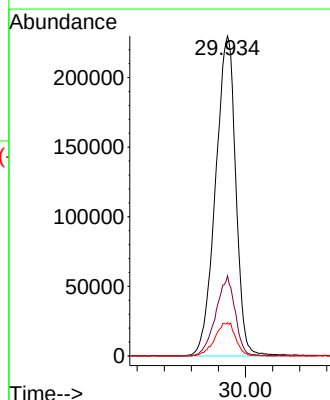
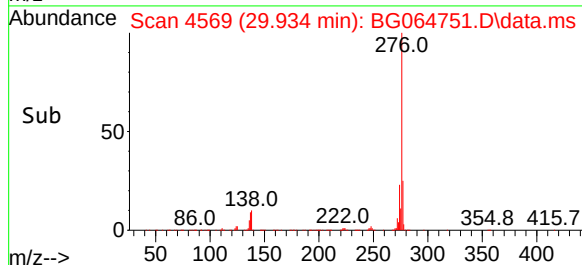
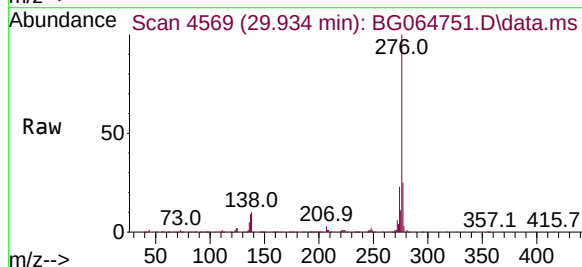
Manual Integrations
APPROVED

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

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 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

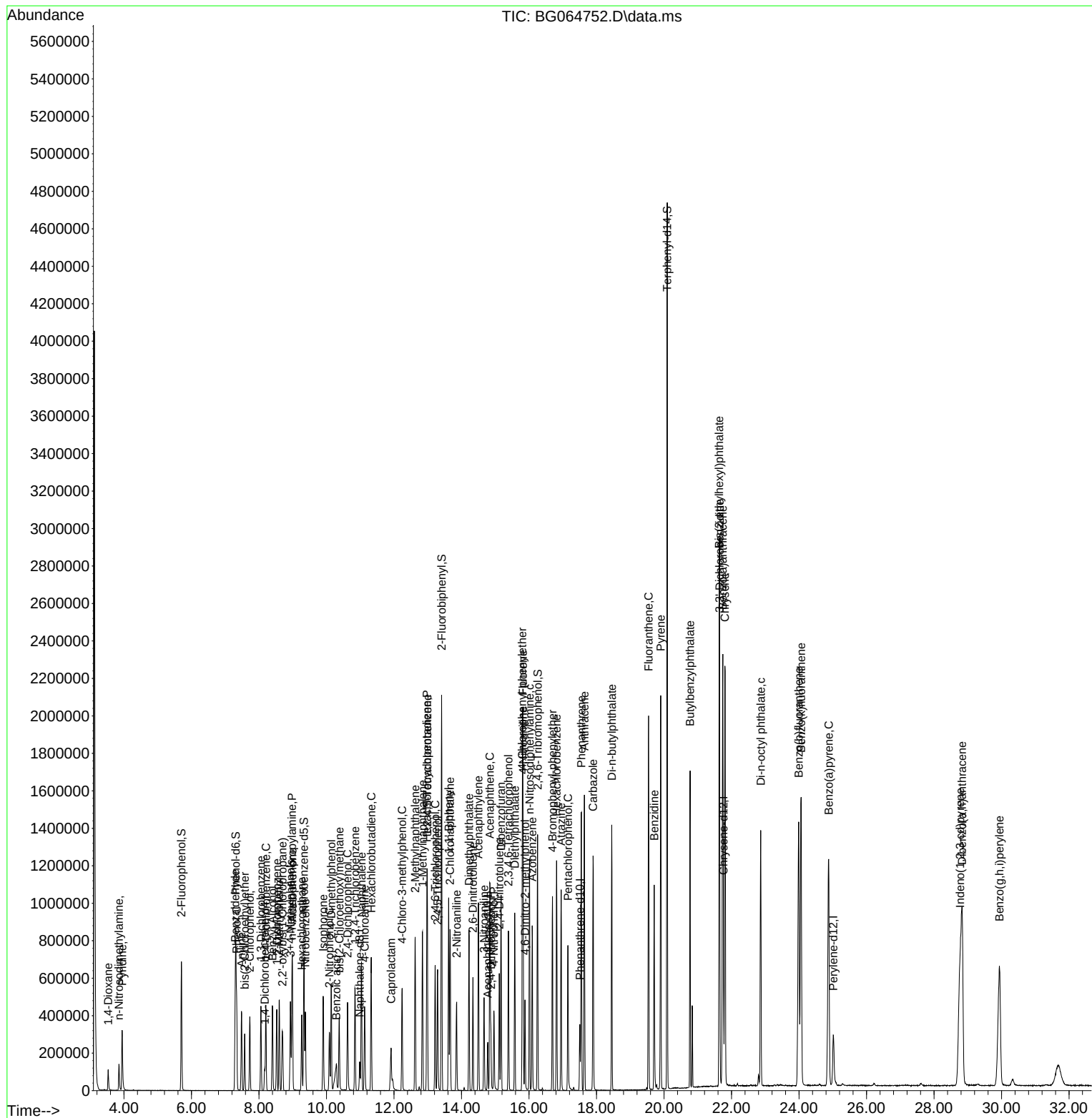
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	209584	84.775	ng	99
46) 1,1'-Biphenyl	13.622	154	559459	80.715	ng	98
47) 2-Chloronaphthalene	13.663	162	442427	81.020	ng	99
48) 2-Nitroaniline	13.857	65	152081	86.588	ng	97
49) Acenaphthylene	14.503	152	749707	80.362	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

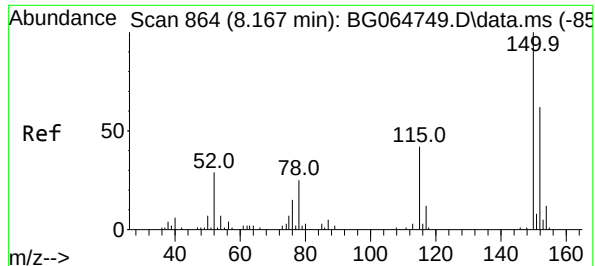
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Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

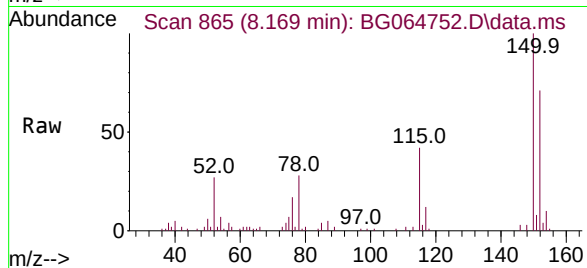
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 864
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

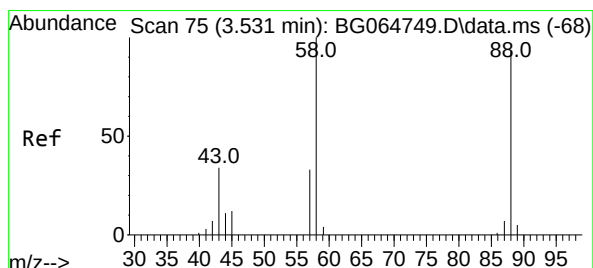
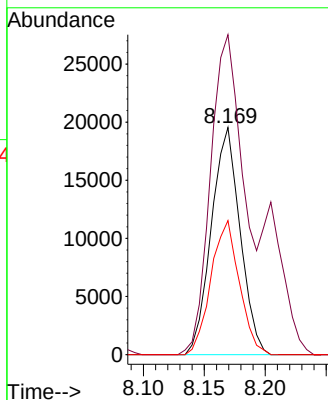
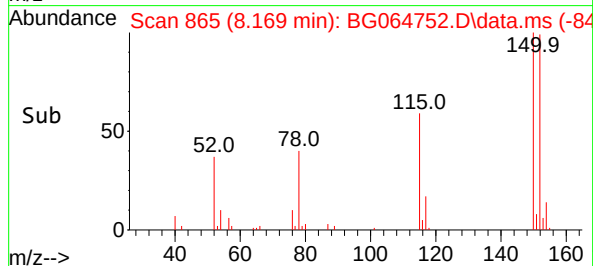
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

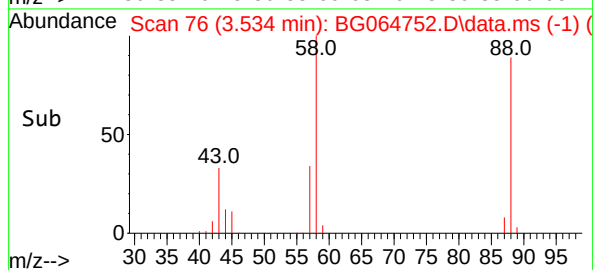
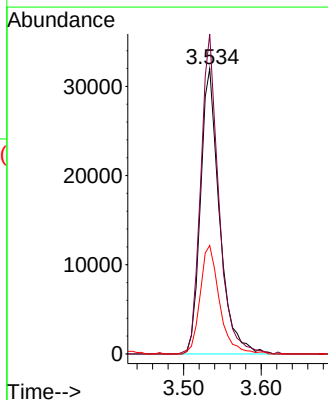
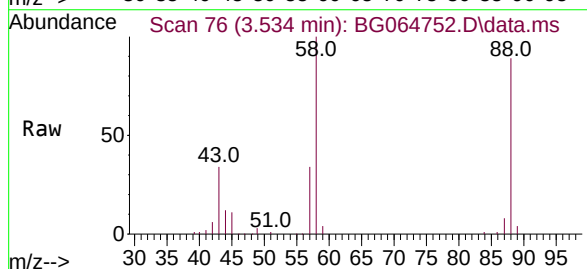
Manual Integrations
APPROVED

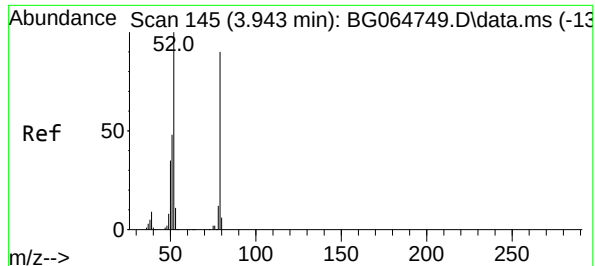
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

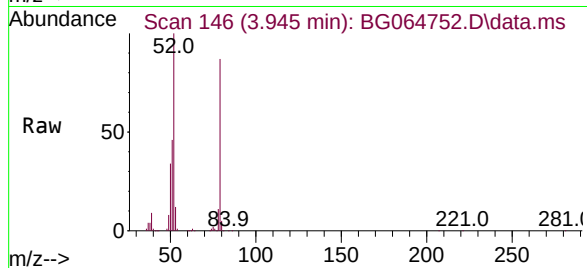
Tgt Ion: 88 Resp: 54244
Ion Ratio Lower Upper
88 100
58 107.1 84.6 126.8
43 38.9 30.0 45.0





#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

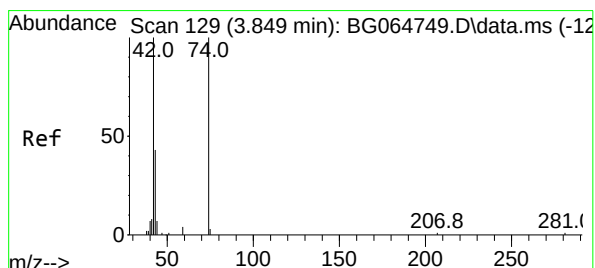
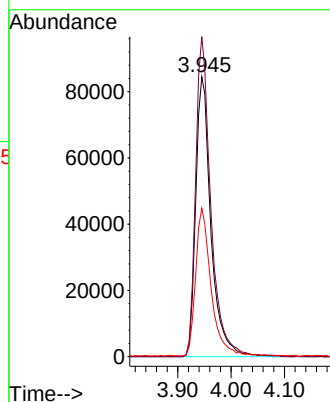
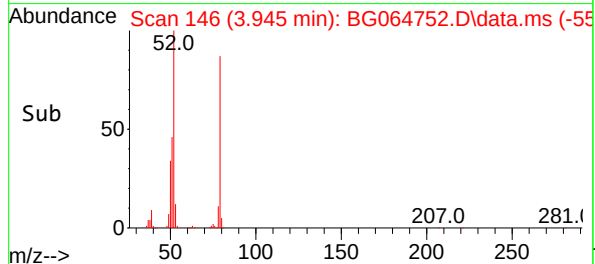
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



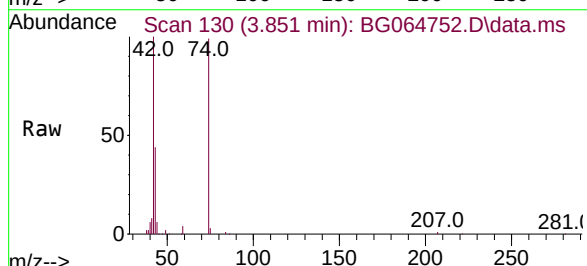
Tgt Ion: 79 Resp: 167338
Ion Ratio Lower Upper
79 100
52 114.4 89.0 133.4
51 53.0 43.4 65.0

Manual Integrations
APPROVED

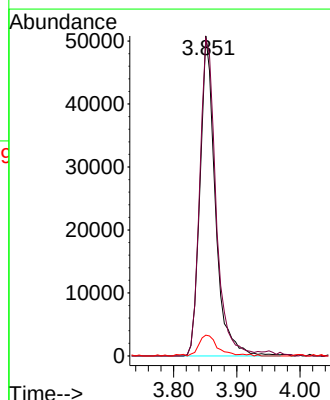
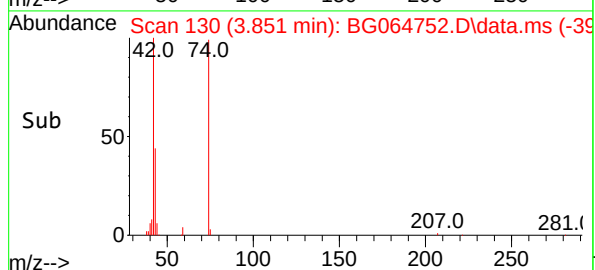
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

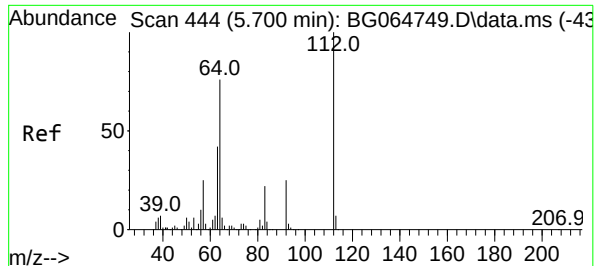


#4
n-Nitrosodimethylamine
Concen: 79.078 ng
RT: 3.851 min Scan# 130
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



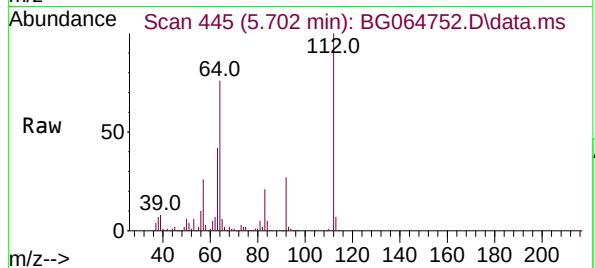
Tgt Ion: 42 Resp: 85343
Ion Ratio Lower Upper
42 100
74 99.2 79.8 119.6
44 6.5 5.9 8.9





#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

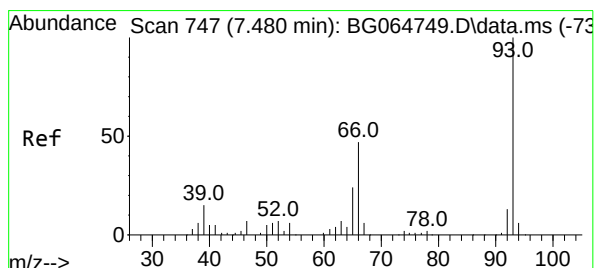
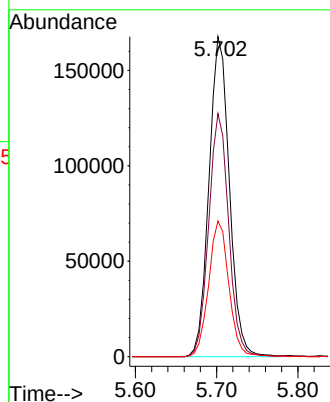
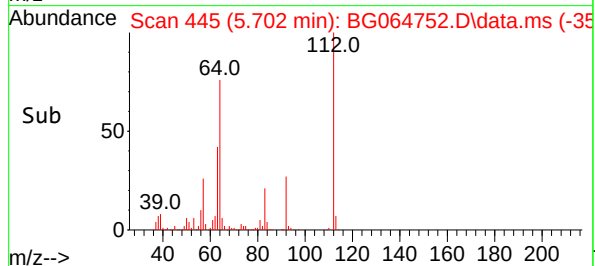
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

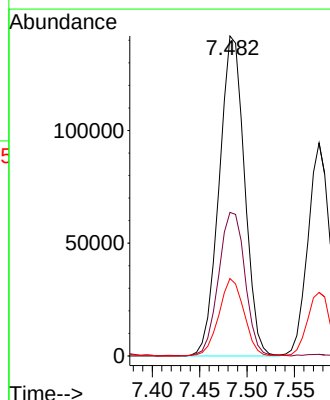
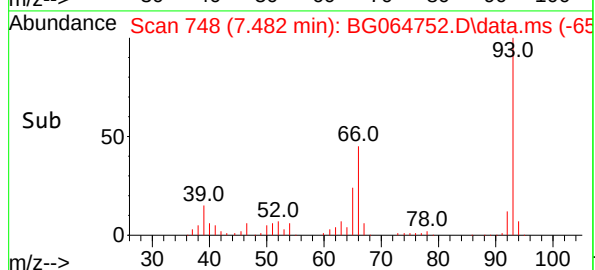
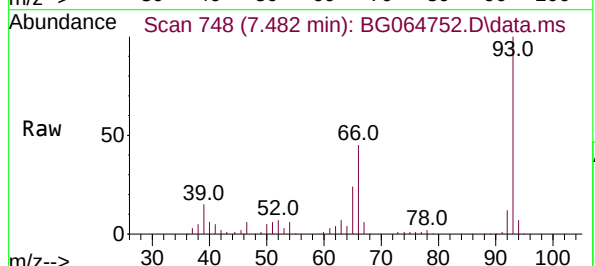
Manual Integrations
APPROVED

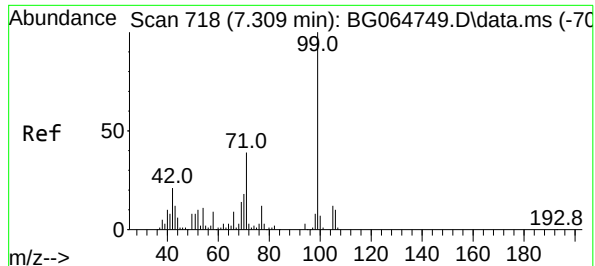
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

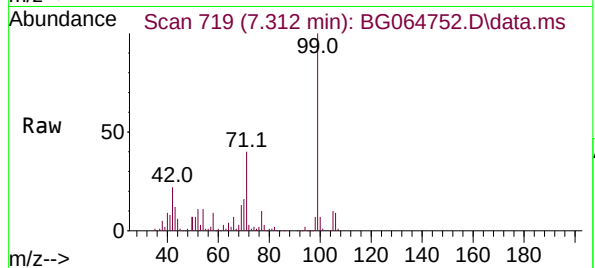
Tgt Ion: 93 Resp: 264134
Ion Ratio Lower Upper
93 100
66 44.8 37.7 56.5
65 24.2 19.1 28.7





#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

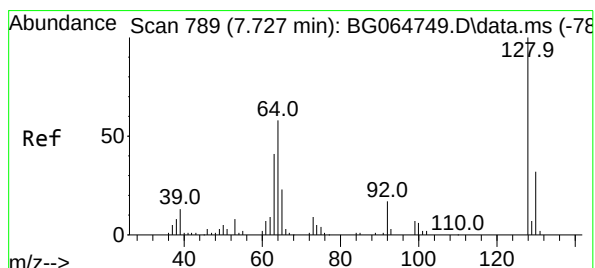
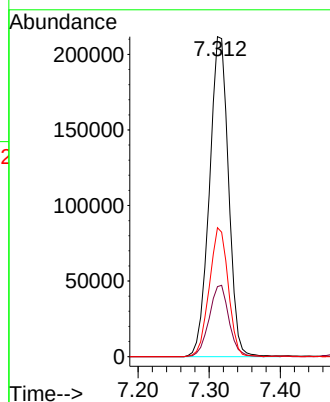
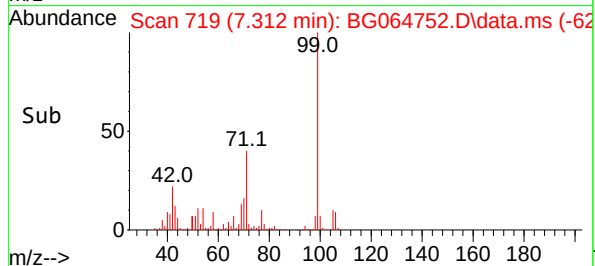
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ClientSampleId :
SSTDICC080



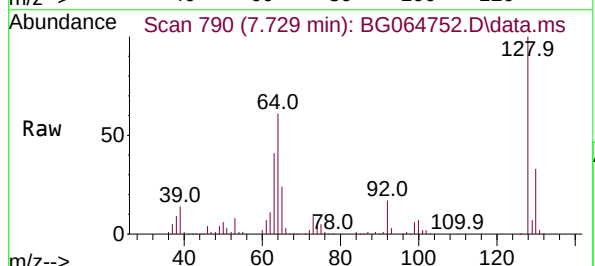
Tgt Ion: 99 Resp: 395430
Ion Ratio Lower Upper
99 100
42 21.9 16.8 25.2
71 40.3 31.1 46.7

Manual Integrations
APPROVED

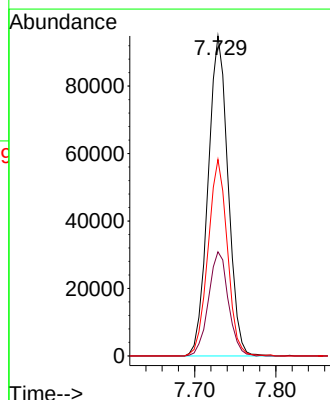
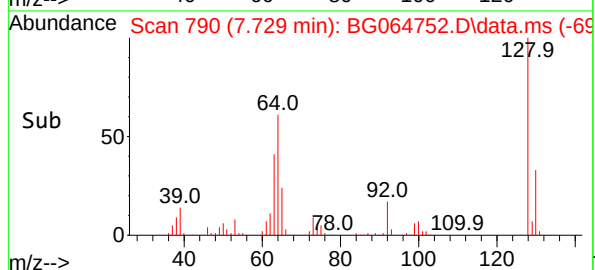
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

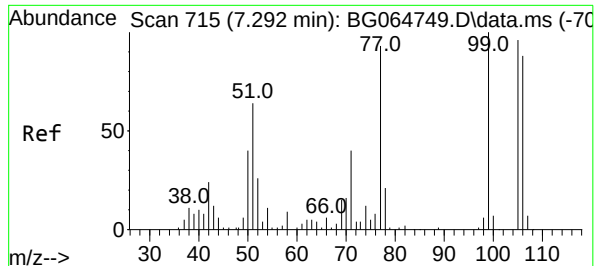


#8
2-Chlorophenol
Concen: 80.237 ng
RT: 7.729 min Scan# 790
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



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

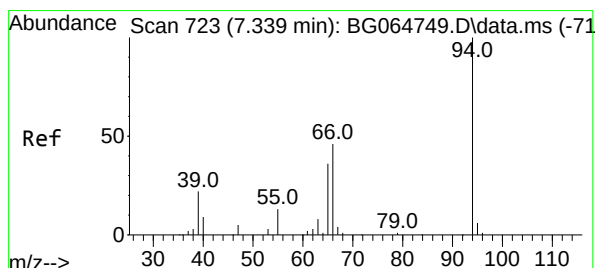
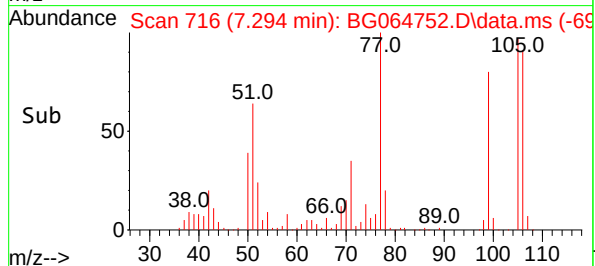
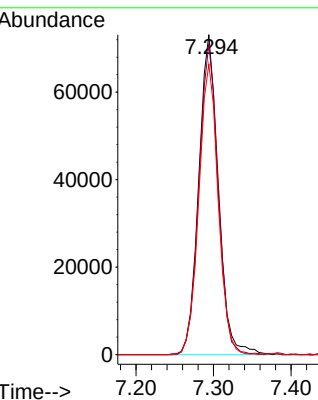
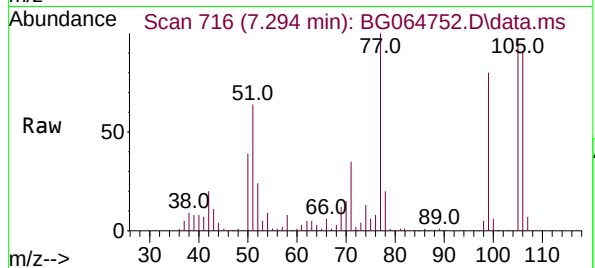
106 90.8 74.3 114.3

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

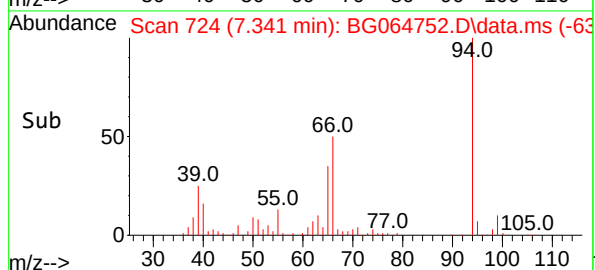
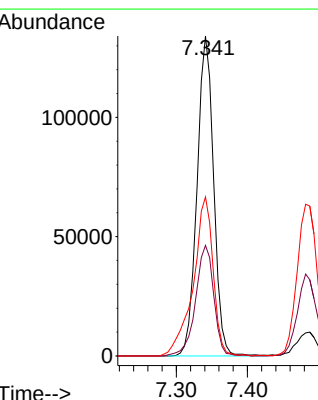
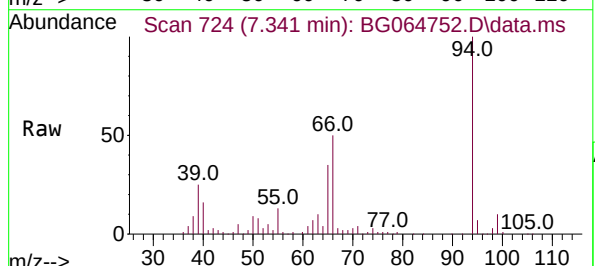
Tgt Ion: 94 Resp: 217972

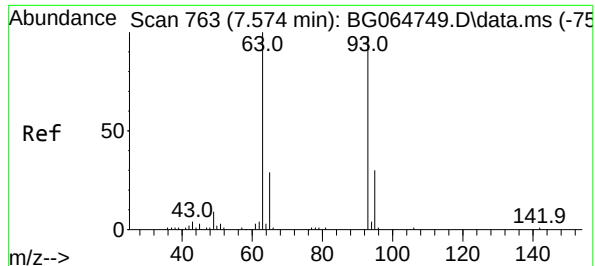
Ion Ratio Lower Upper

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

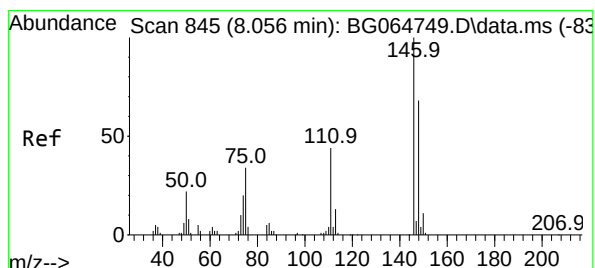
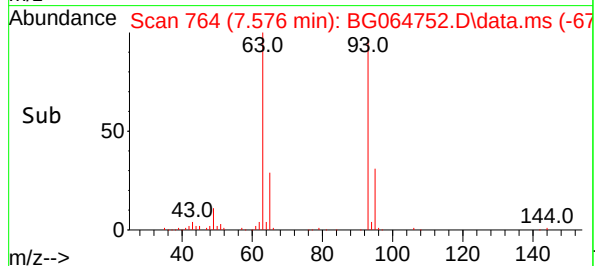
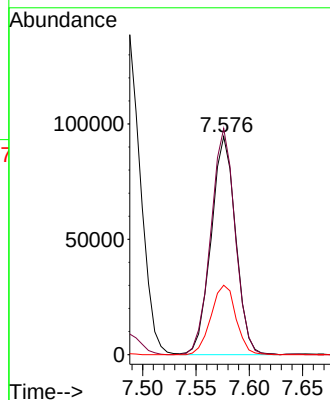
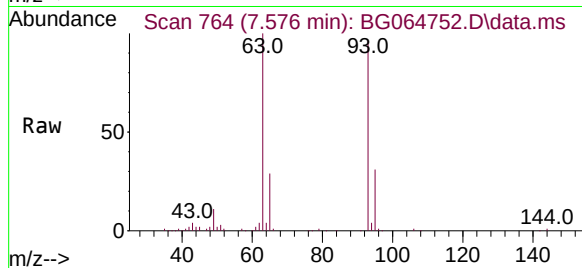
95 31.8 10.3 50.3

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

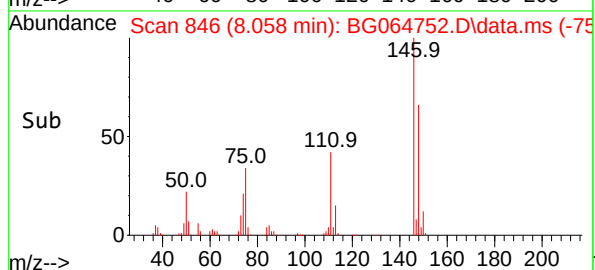
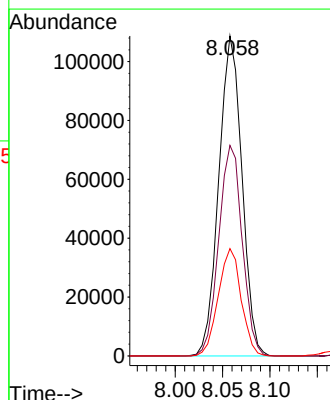
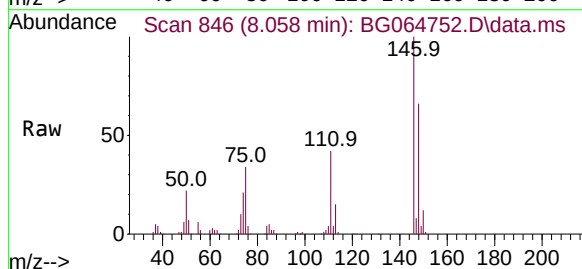
Tgt Ion:146 Resp: 184833

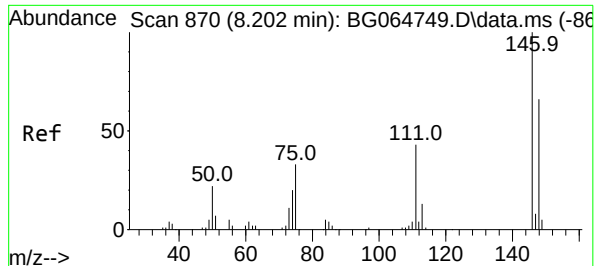
Ion Ratio Lower Upper

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

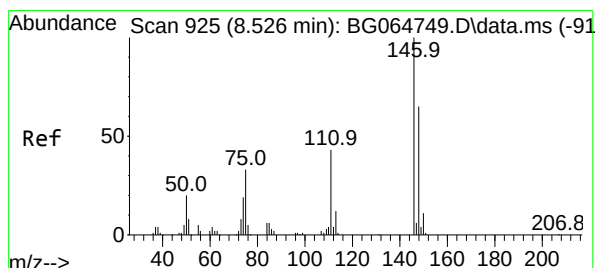
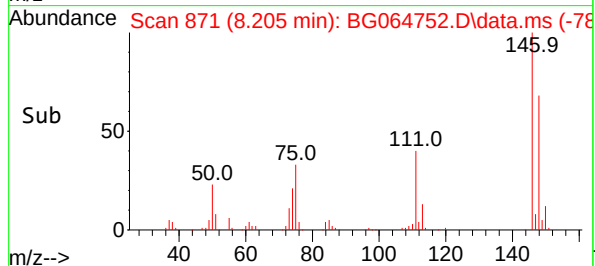
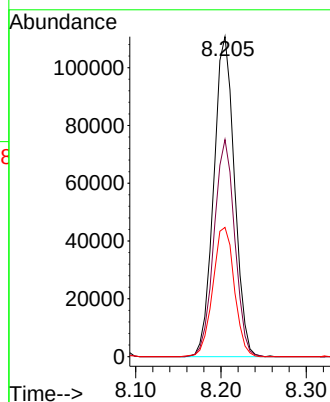
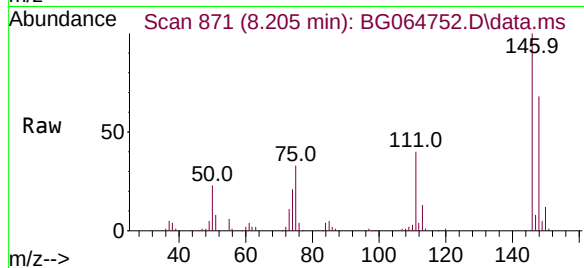
111 40.4 34.1 51.1

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

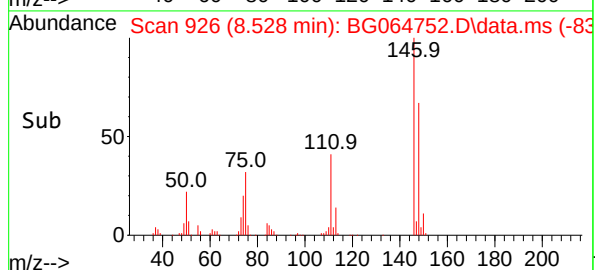
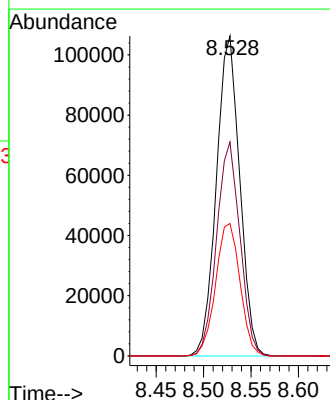
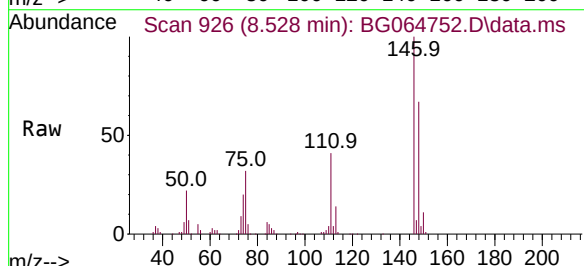
Tgt Ion:146 Resp: 182159

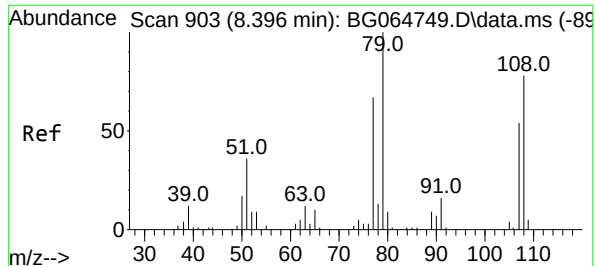
Ion Ratio Lower Upper

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# 904

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

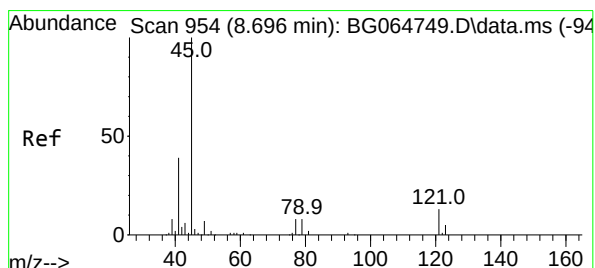
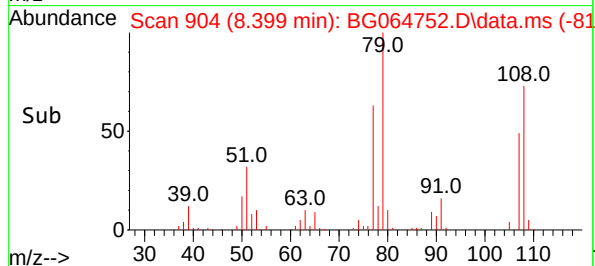
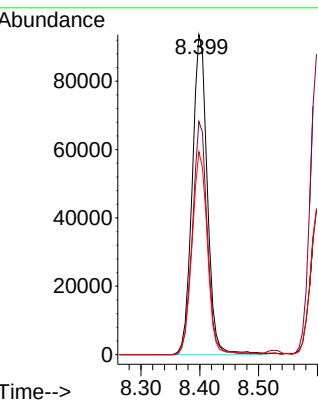
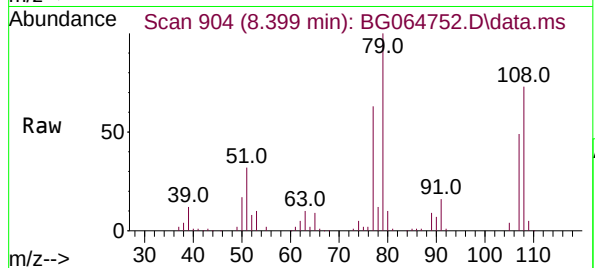
77 63.4 53.5 80.3

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

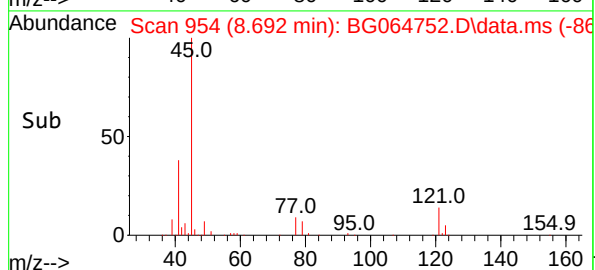
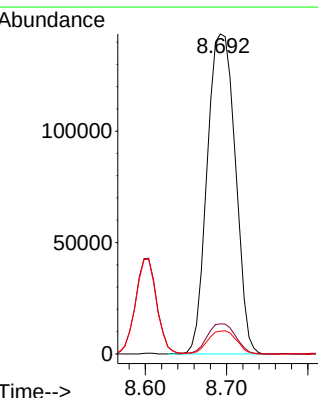
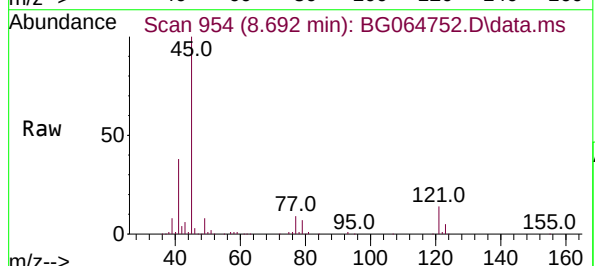
Tgt Ion: 45 Resp: 345673

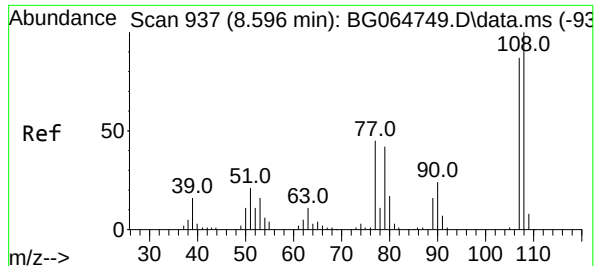
Ion Ratio Lower Upper

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

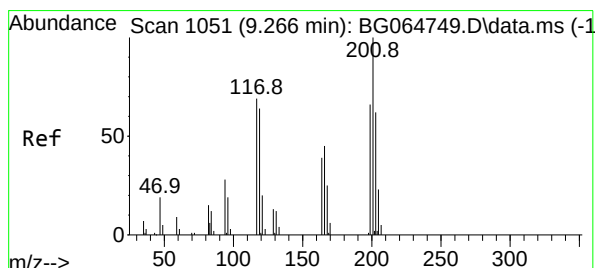
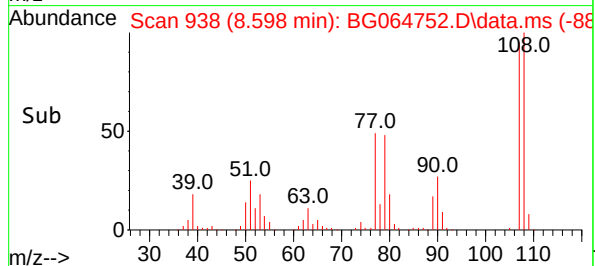
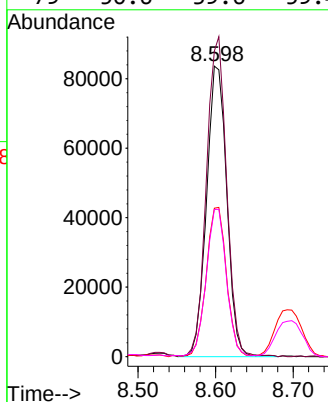
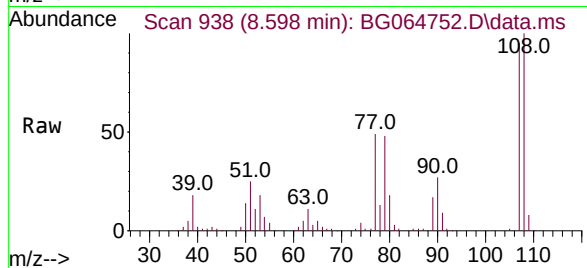
79 50.6 39.6 59.4

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

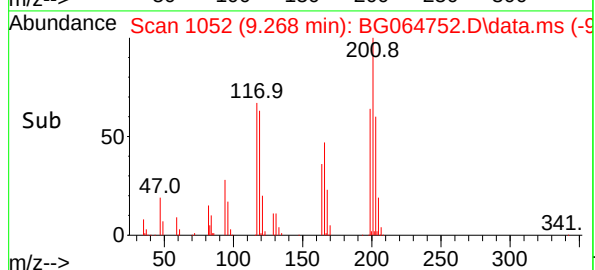
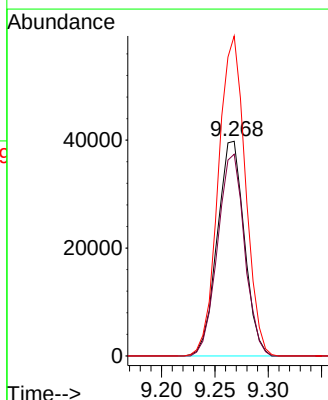
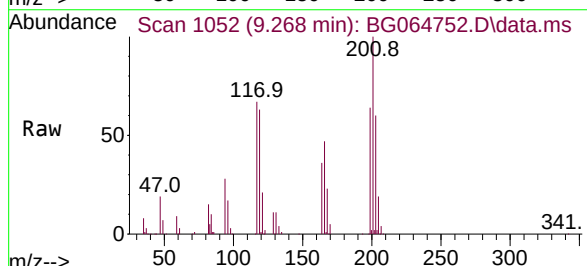
Tgt Ion:117 Resp: 70302

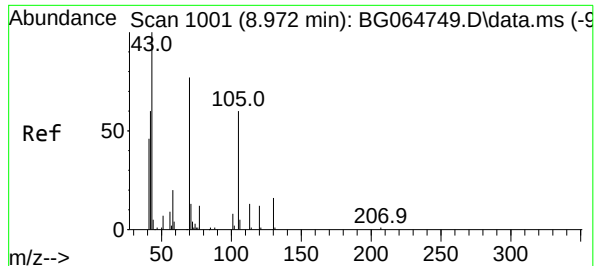
Ion Ratio Lower Upper

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

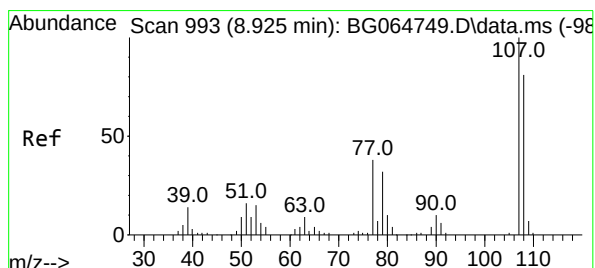
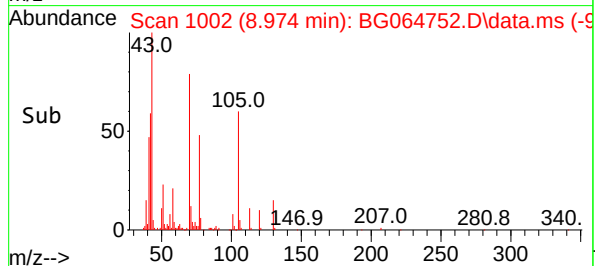
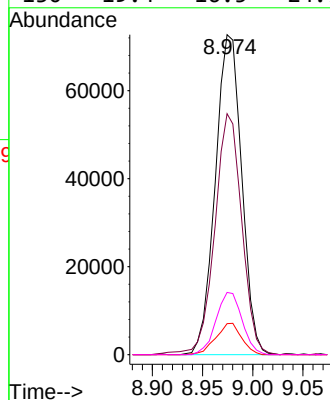
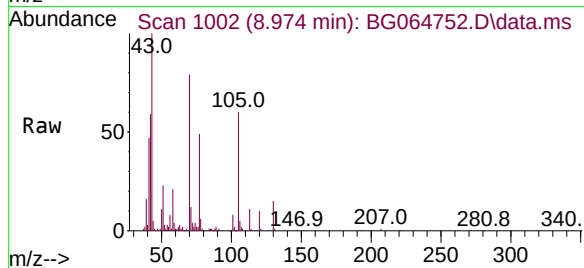
130 19.4 16.5 24.7

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

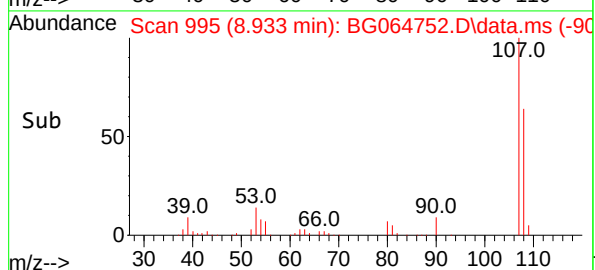
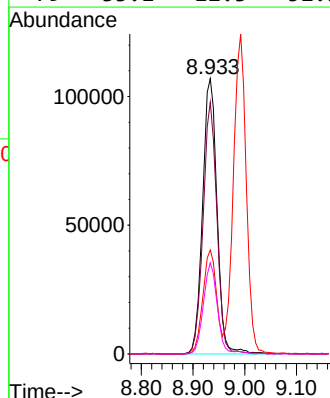
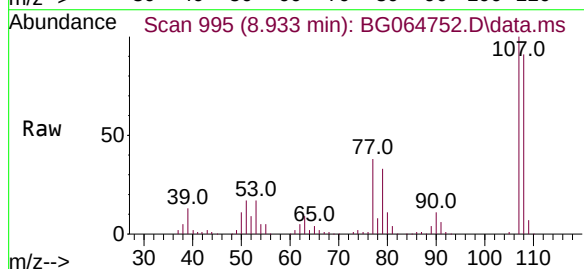
Ion Ratio Lower Upper

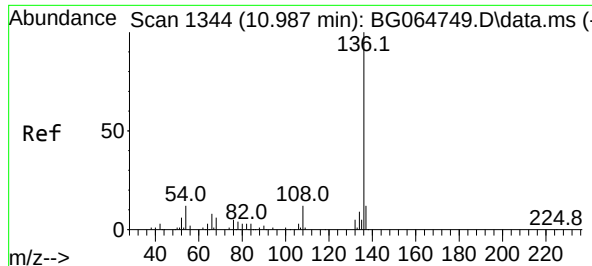
107 100

108 91.4 61.0 101.0

77 37.8 17.6 57.6

79 33.1 12.3 52.3





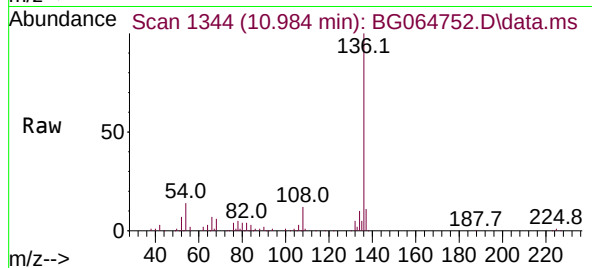
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

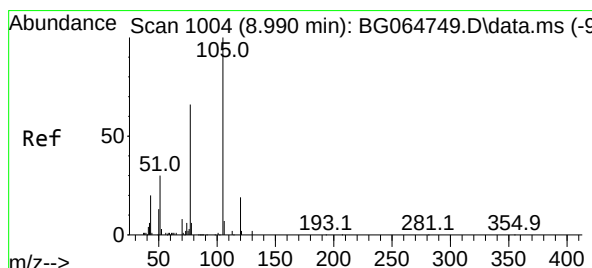
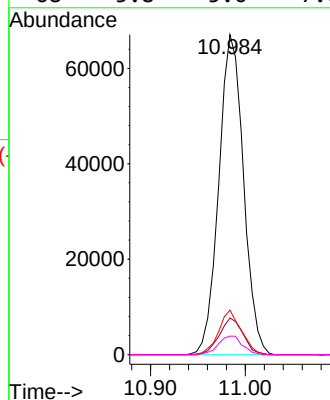
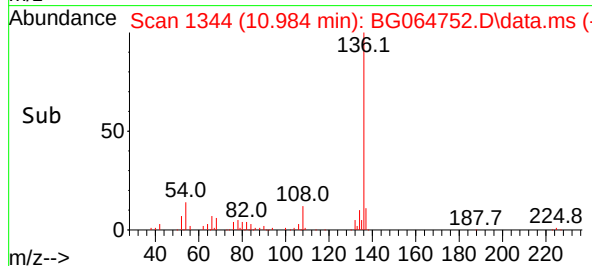


Tgt Ion:136 Resp: 121266
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 13.9 9.3 13.9
68 5.8 5.0 7.6

Manual Integrations

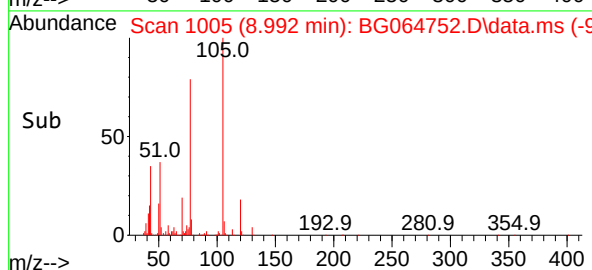
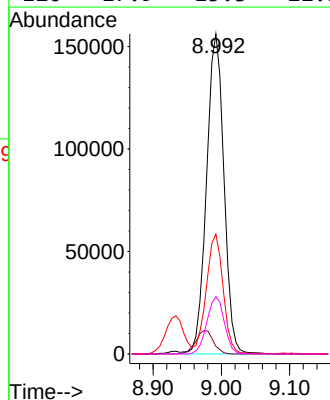
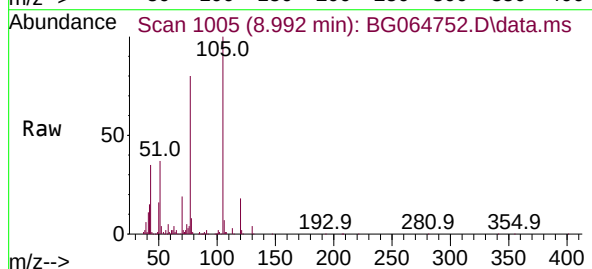
APPROVED

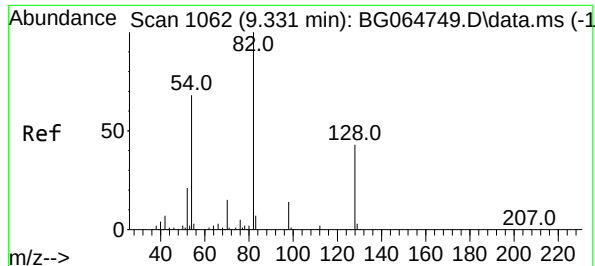
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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# 1062

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

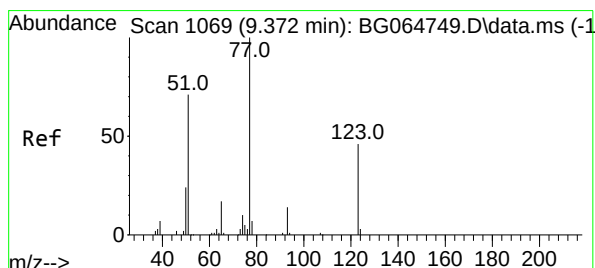
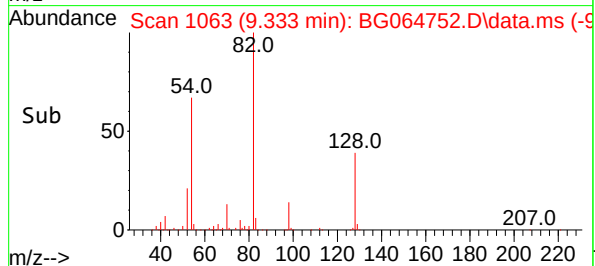
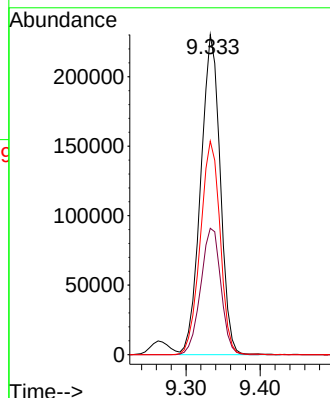
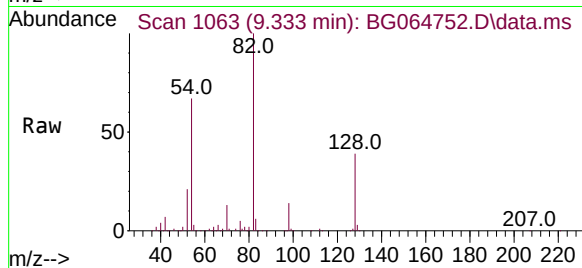
54 66.7 54.3 81.5

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

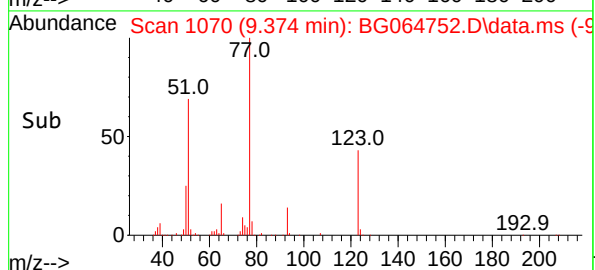
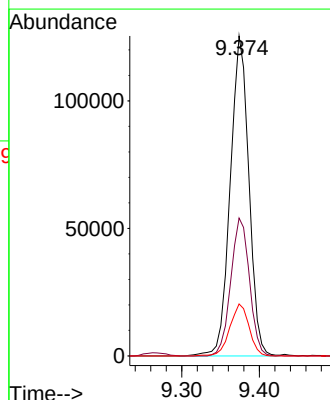
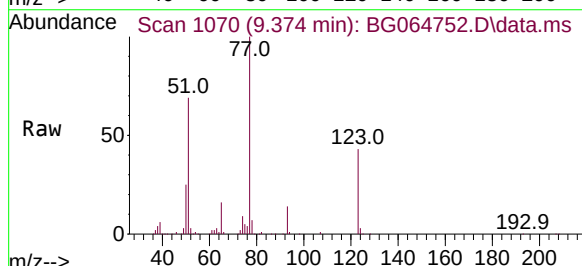
Tgt Ion: 77 Resp: 209778

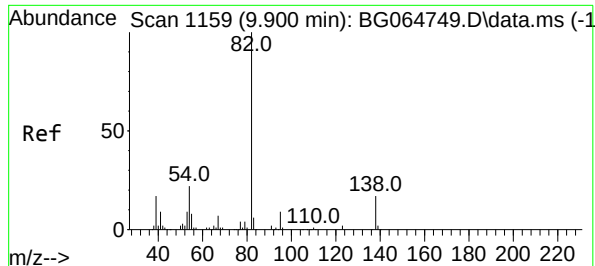
Ion Ratio Lower Upper

77 100

123 43.1 36.5 54.7

65 16.2 13.5 20.3





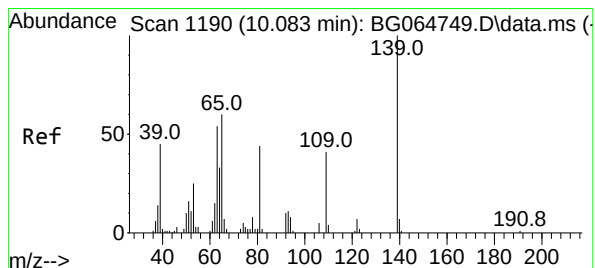
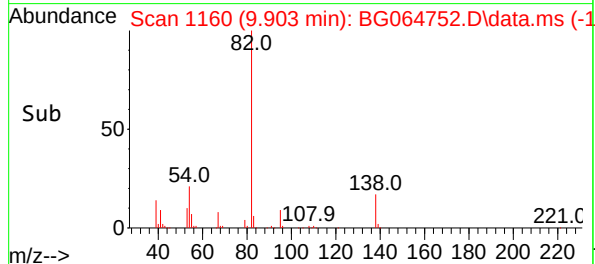
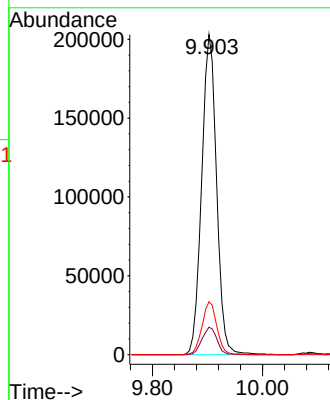
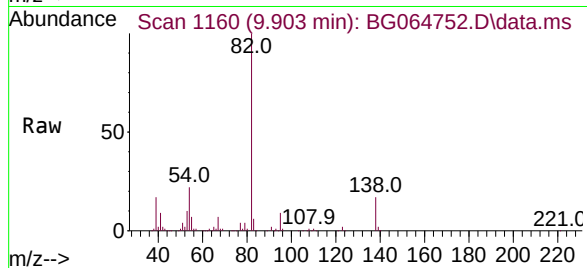
#25
Isophorone
Concen: 81.460 ng
RT: 9.903 min Scan# 1159
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

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

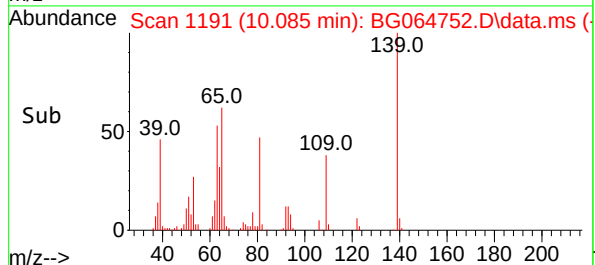
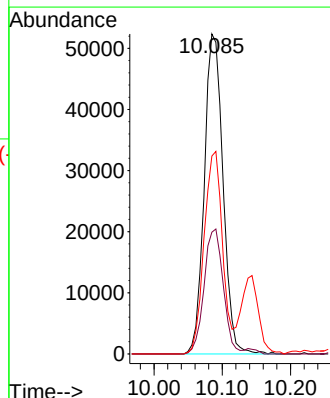
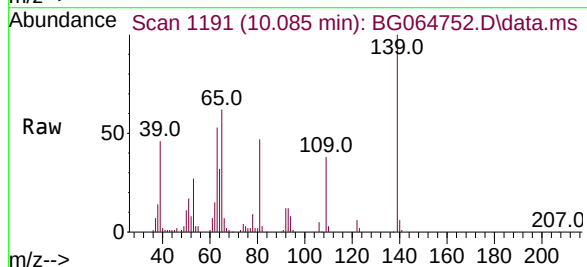
Manual Integrations
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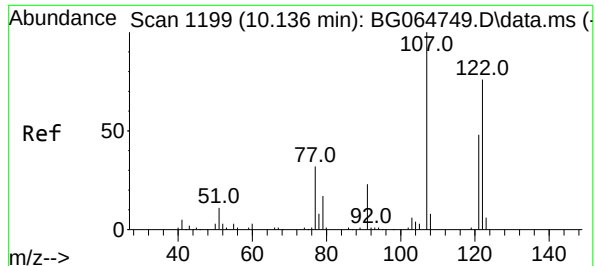
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

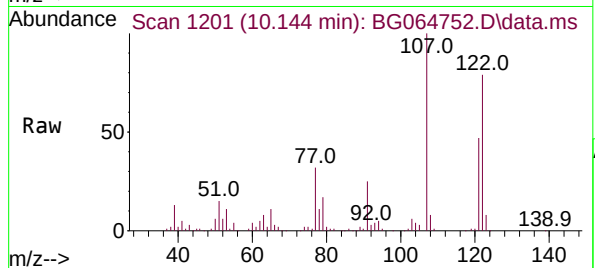
Tgt Ion:139 Resp: 99793
Ion Ratio Lower Upper
139 100
109 38.0 32.5 48.7
65 61.8 47.6 71.4





#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

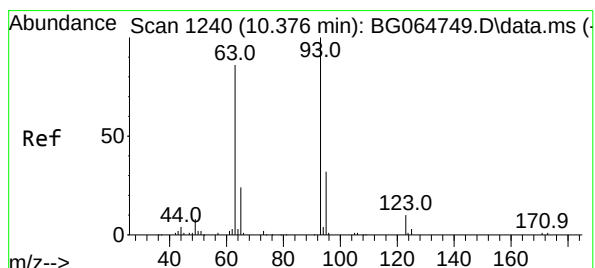
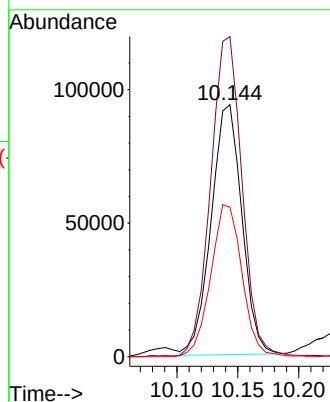
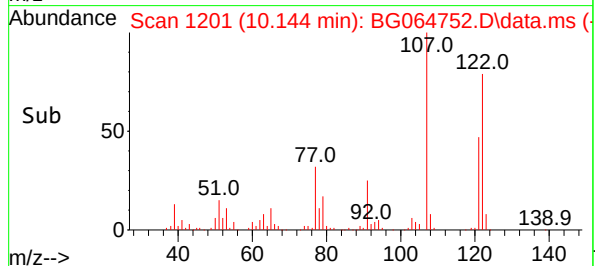
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



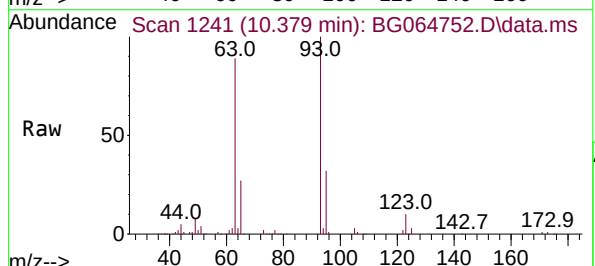
Tgt Ion:122 Resp: 163992
Ion Ratio Lower Upper
122 100
107 127.1 102.5 153.7
121 59.4 49.0 73.6

Manual Integrations
APPROVED

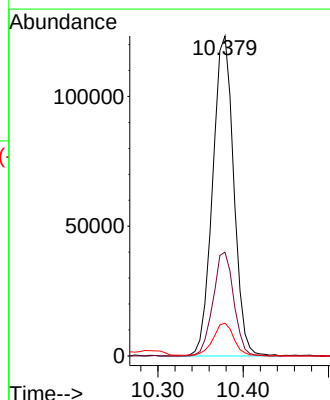
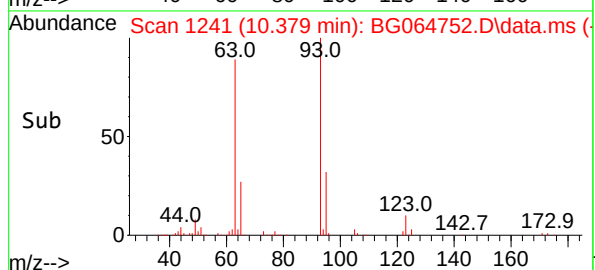
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

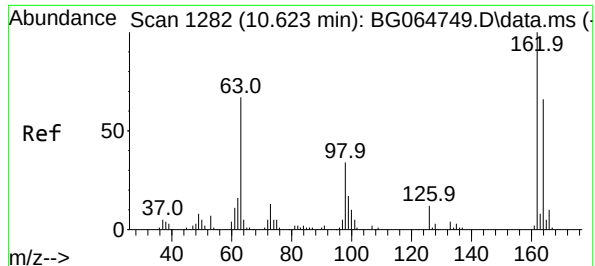


#28
bis(2-Chloroethoxy)methane
Concen: 82.303 ng
RT: 10.379 min Scan# 1241
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



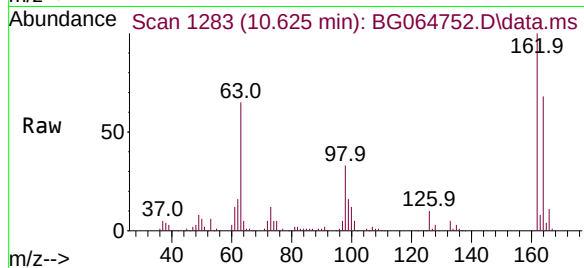
Tgt Ion: 93 Resp: 211036
Ion Ratio Lower Upper
93 100
95 32.4 25.4 38.2
123 10.2 8.1 12.1





#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

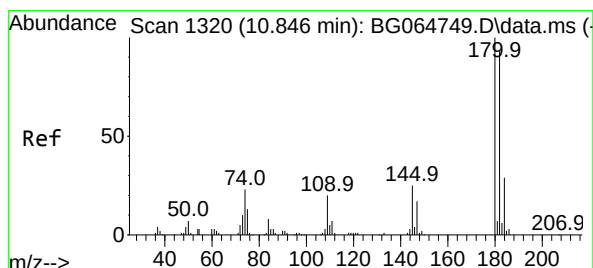
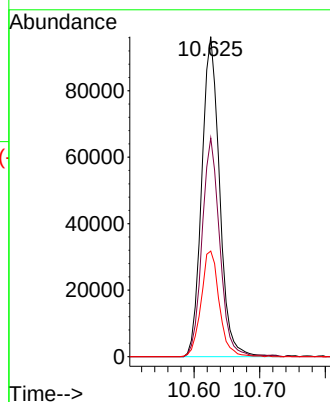
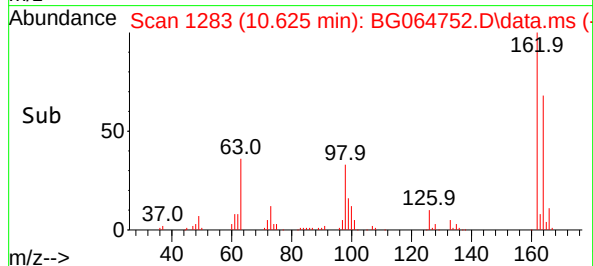
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



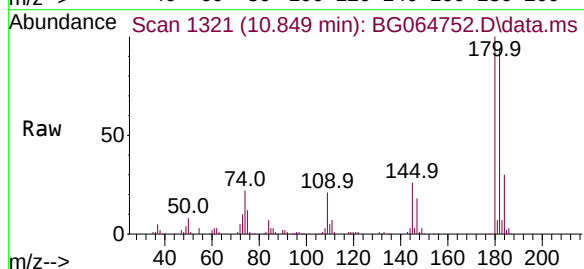
Tgt Ion:162 Resp: 181140
Ion Ratio Lower Upper
162 100
164 68.3 46.0 86.0
98 33.0 14.2 54.2

Manual Integrations
APPROVED

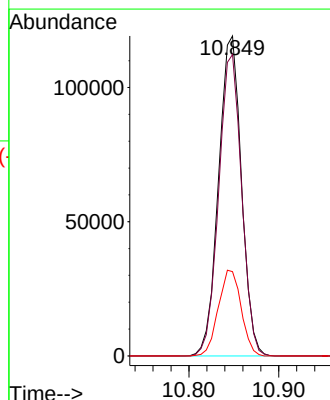
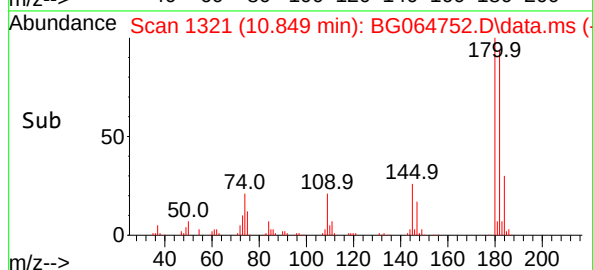
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

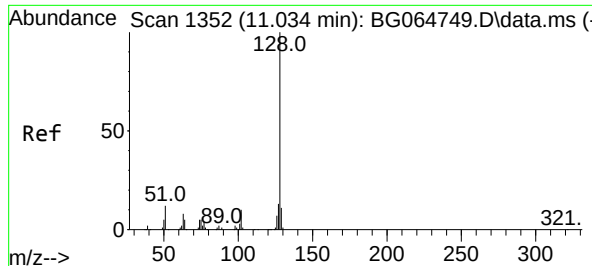


#30
1,2,4-Trichlorobenzene
Concen: 82.282 ng
RT: 10.849 min Scan# 1321
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



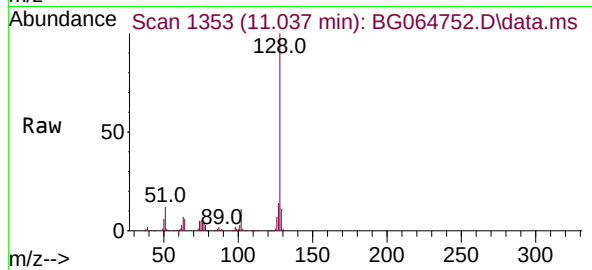
Tgt Ion:180 Resp: 211243
Ion Ratio Lower Upper
180 100
182 94.2 74.2 111.4
145 26.3 20.0 30.0





#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

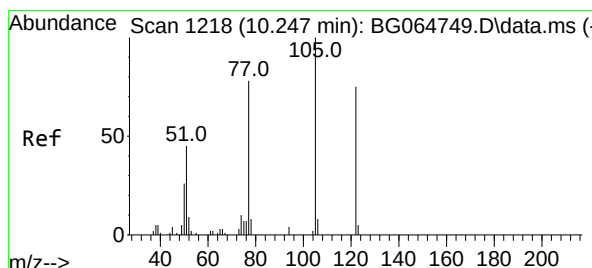
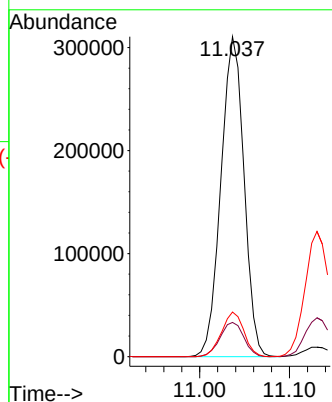
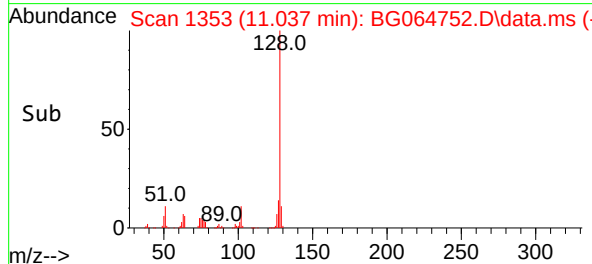
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

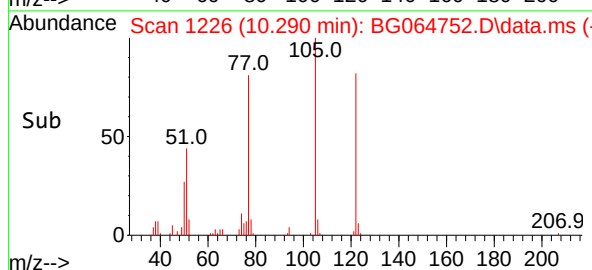
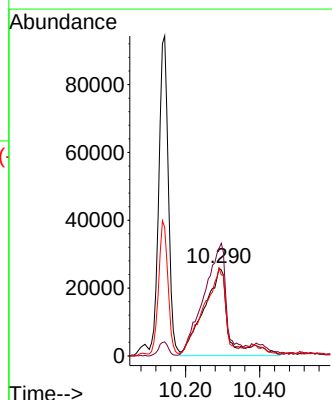
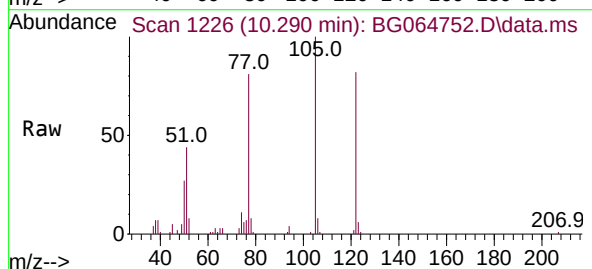
Manual Integrations
APPROVED

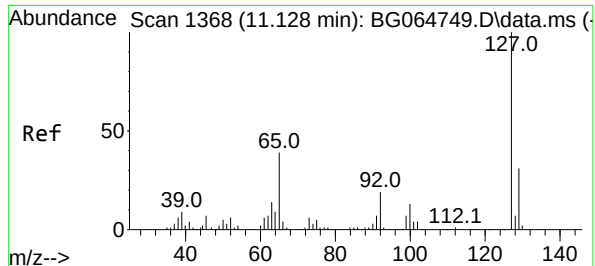
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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: 23238

Ion Ratio Lower Upper

127 100

129 31.0 24.9 37.3

65 39.3 30.9 46.3

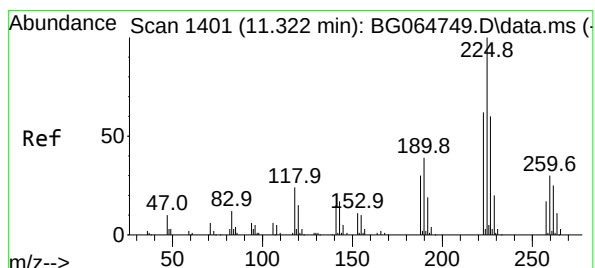
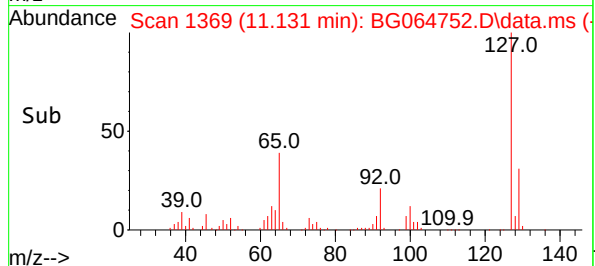
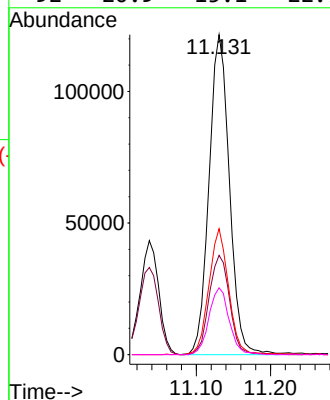
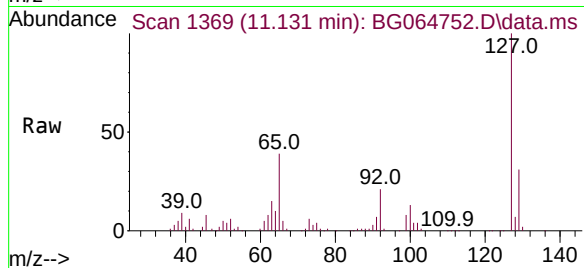
92 20.9 15.1 22.7

Manual Integrations

APPROVED

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

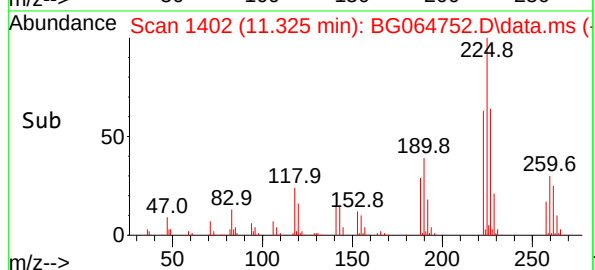
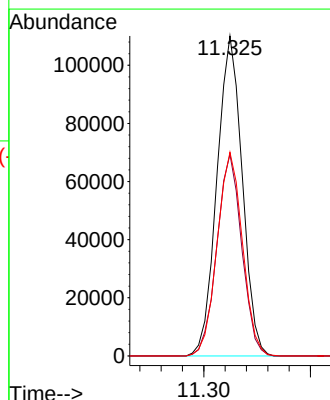
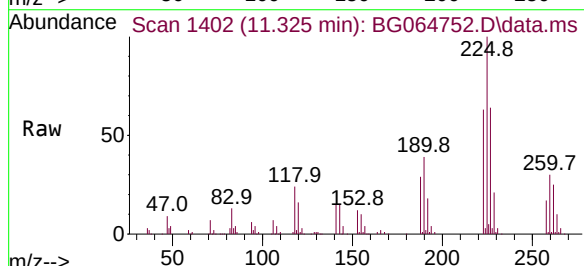
Tgt Ion:225 Resp: 181526

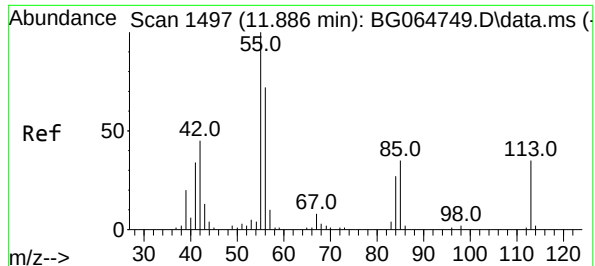
Ion Ratio Lower Upper

225 100

223 60.0 49.9 74.9

227 63.6 50.6 75.8





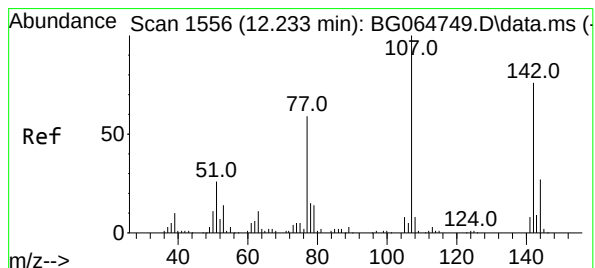
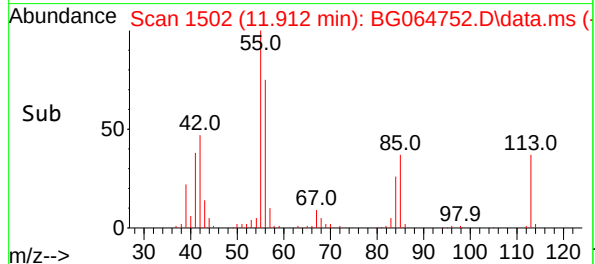
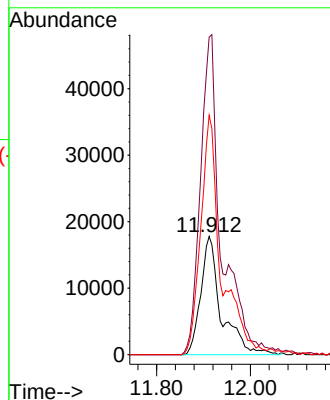
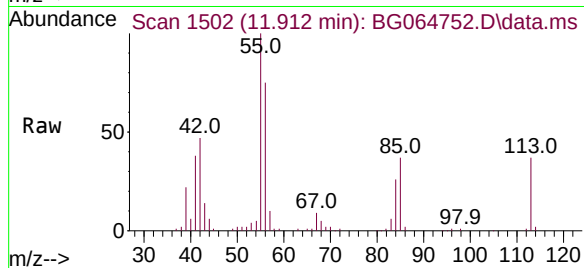
#35
 Caprolactam
 Concen: 84.873 ng m
 RT: 11.912 min Scan# 11
 Delta R.T. 0.026 min
 Lab File: BG064752.D
 Acq: 12 Nov 2025 16:04

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

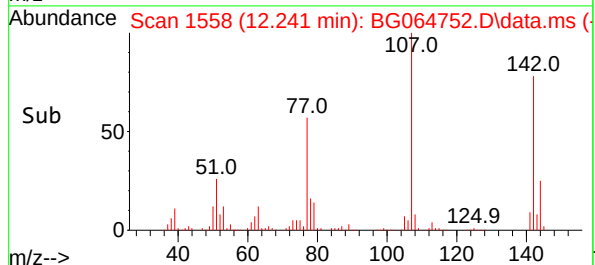
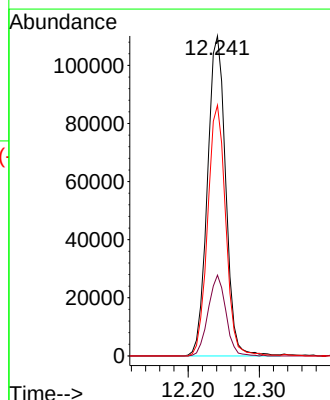
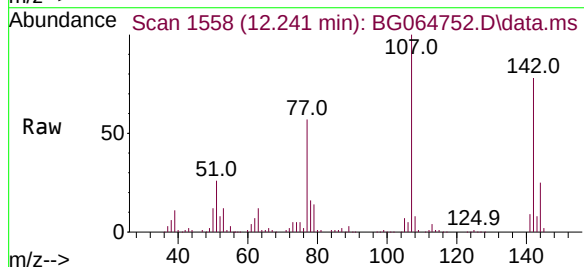
Manual Integrations
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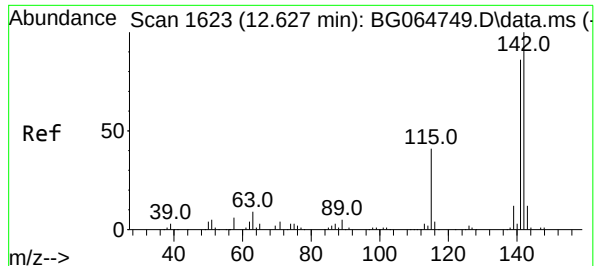
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#36
 4-Chloro-3-methylphenol
 Concen: 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

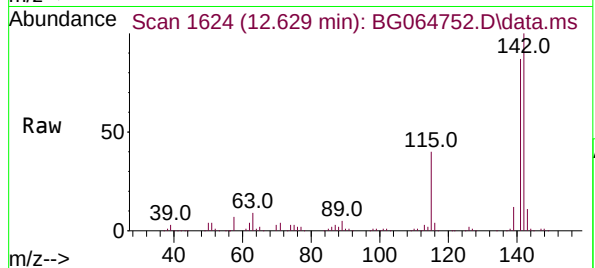
Tgt Ion:107 Resp: 195826
 Ion Ratio Lower Upper
 107 100
 144 25.2 21.7 32.5
 142 78.3 60.8 91.2





#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

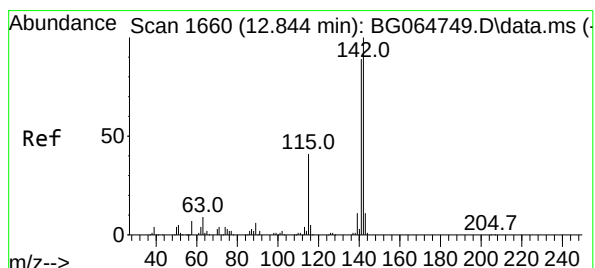
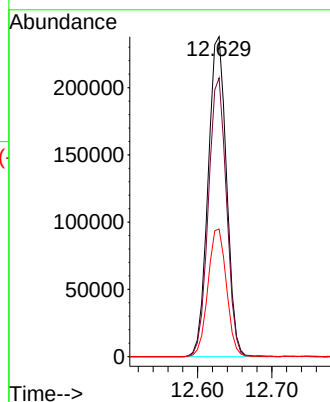
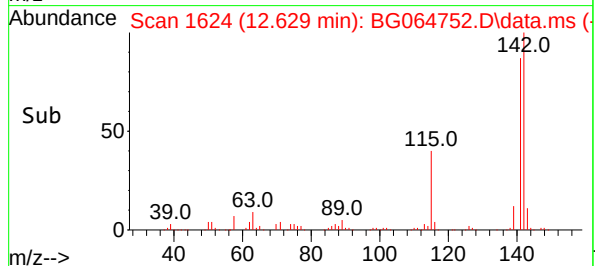
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

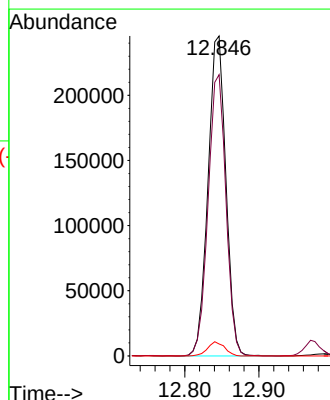
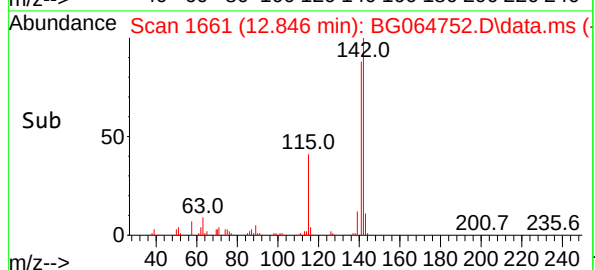
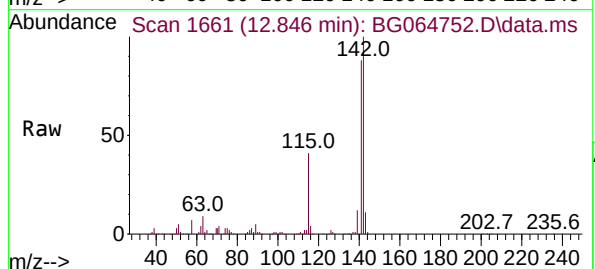
Manual Integrations
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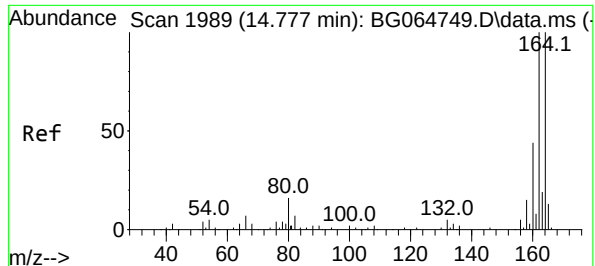
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

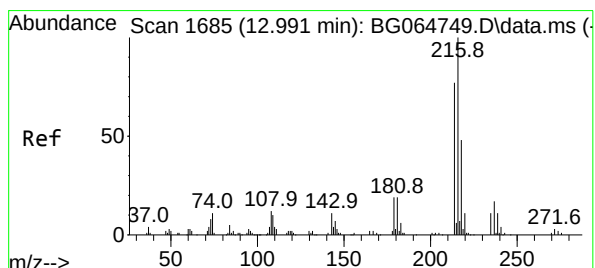
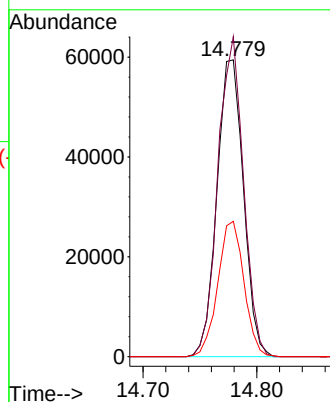
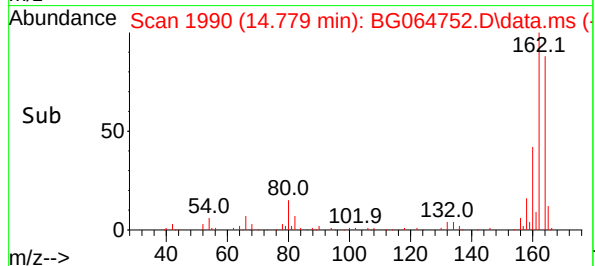
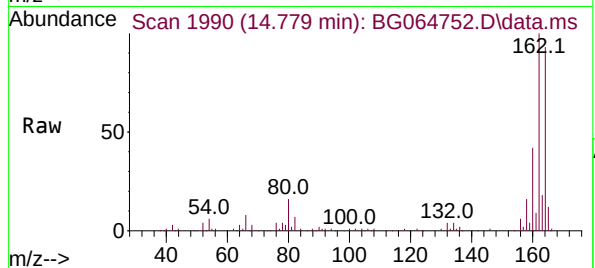
160 45.6 34.9 52.3

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

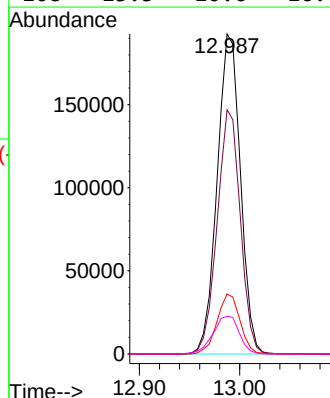
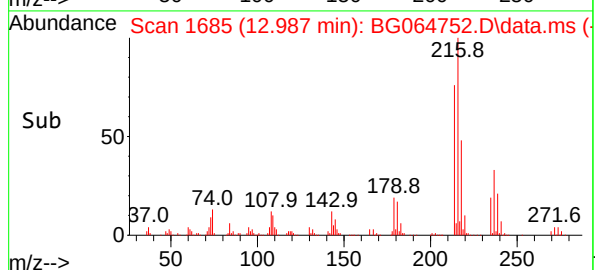
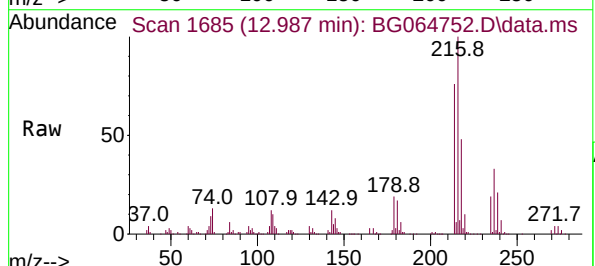
Ion Ratio Lower Upper

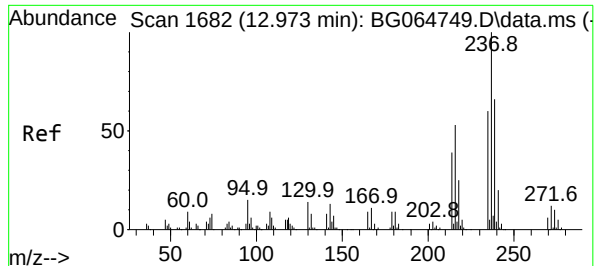
216 100

214 75.7 60.5 90.7

179 18.4 14.7 22.1

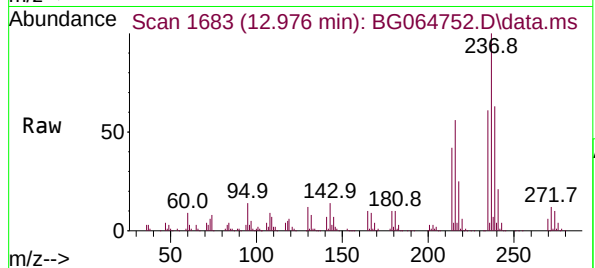
108 13.3 10.6 16.0





#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

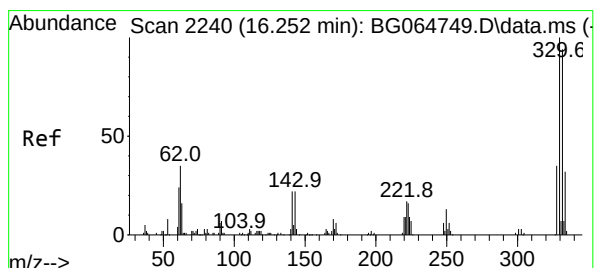
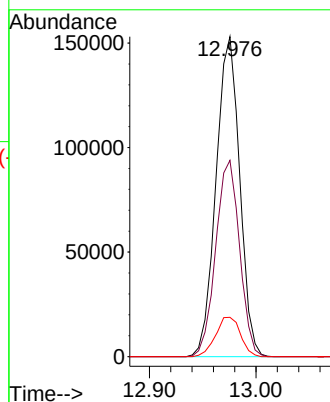
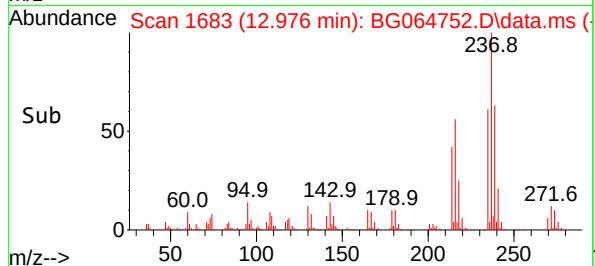
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

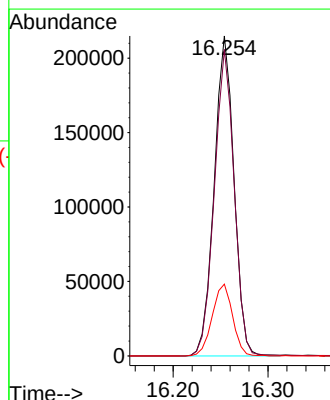
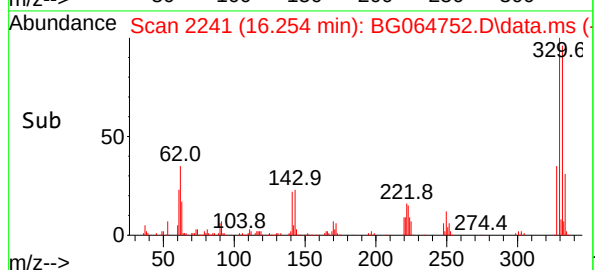
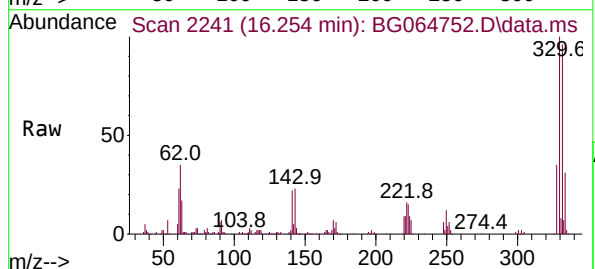
Manual Integrations
APPROVED

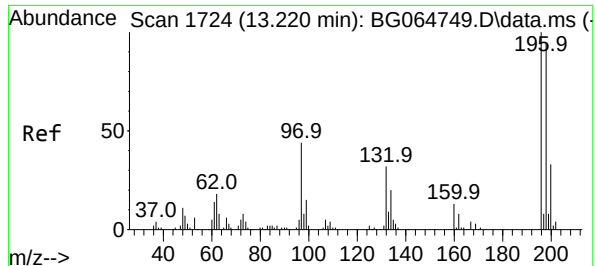
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

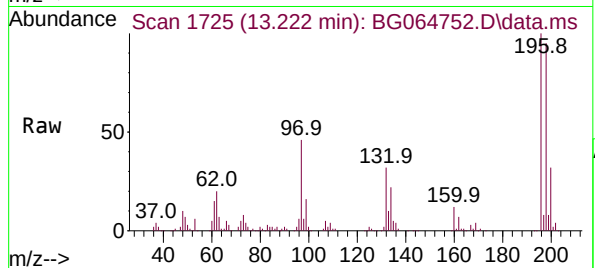
Tgt Ion:330 Resp: 311552
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 23.0 18.2 27.2





#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

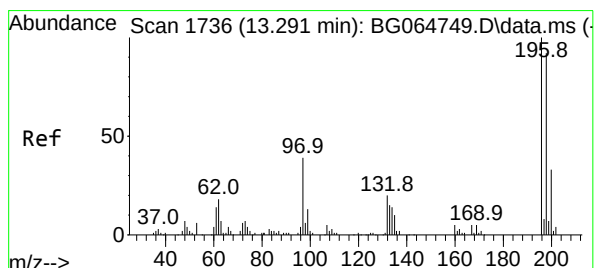
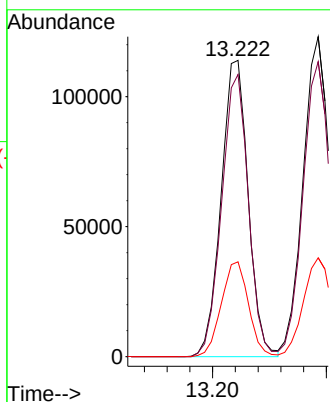
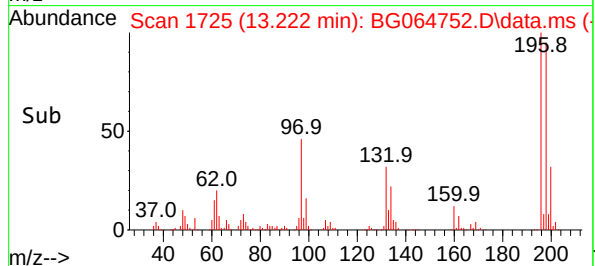
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



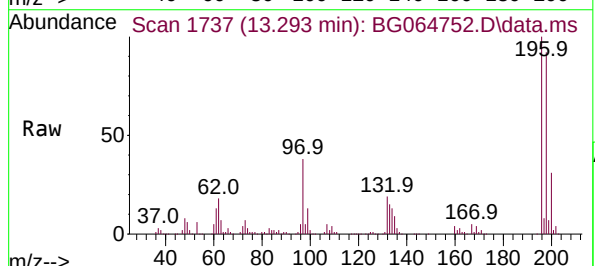
Tgt Ion:196 Resp: 188174
Ion Ratio Lower Upper
196 100
198 95.2 75.3 112.9
200 32.0 26.2 39.2

Manual Integrations
APPROVED

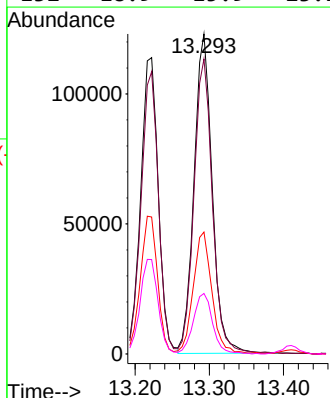
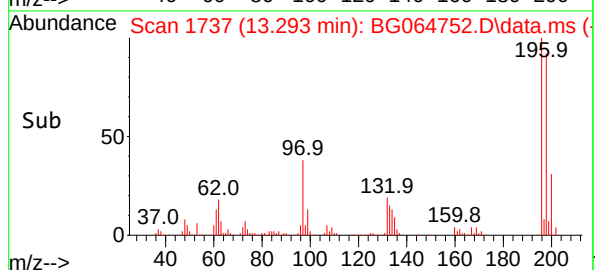
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

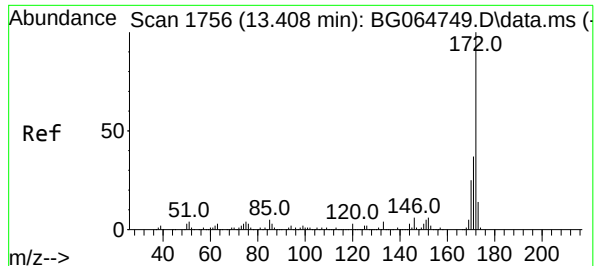


#44
2,4,5-Trichlorophenol
Concen: 84.775 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



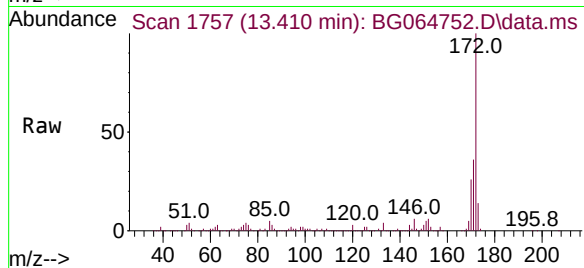
Tgt Ion:196 Resp: 209584
Ion Ratio Lower Upper
196 100
198 92.2 73.2 109.8
97 38.1 31.4 47.0
132 18.9 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 158.776 ng
RT: 13.410 min Scan# 1757
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

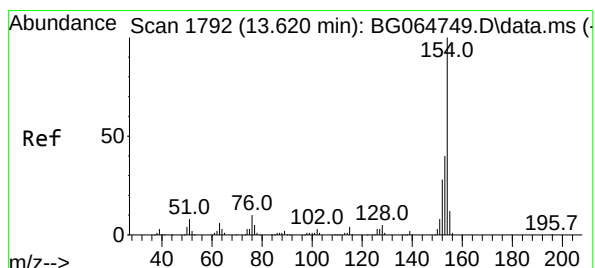
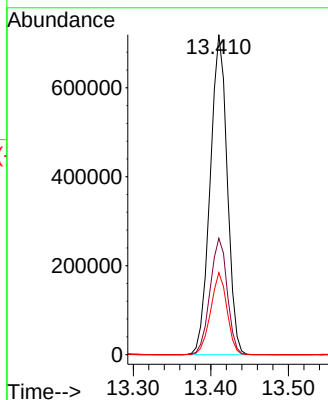
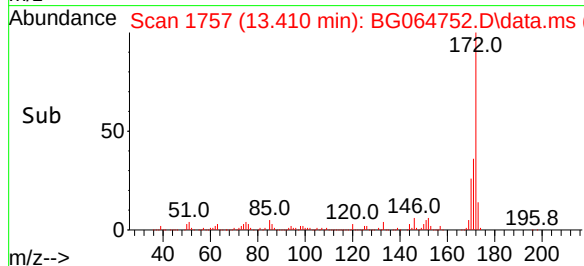
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:172 Resp: 1098132
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 25.6 19.8 29.6

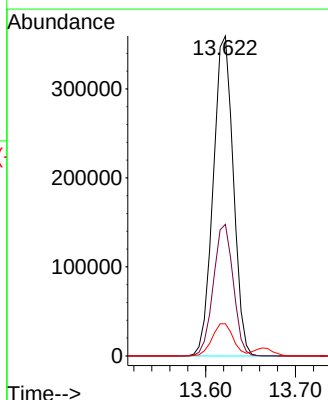
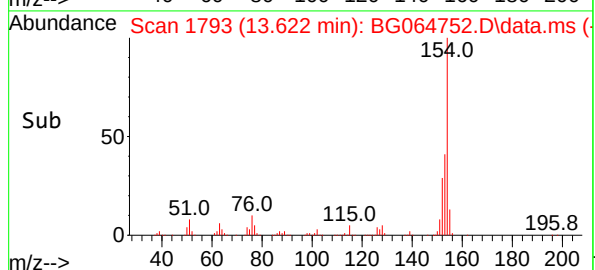
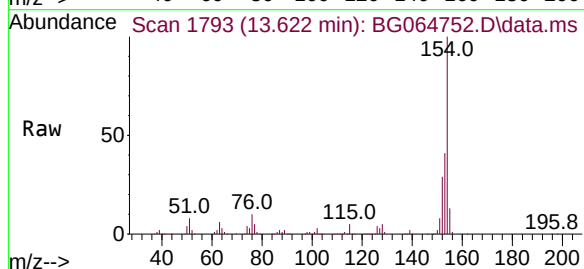
Manual Integrations
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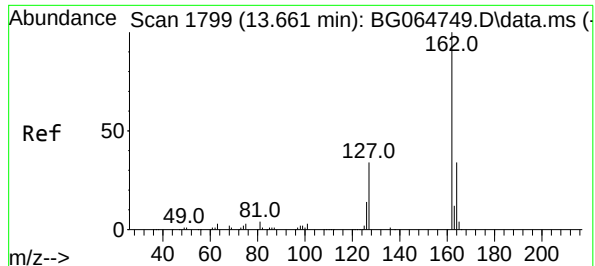
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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# 1799

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

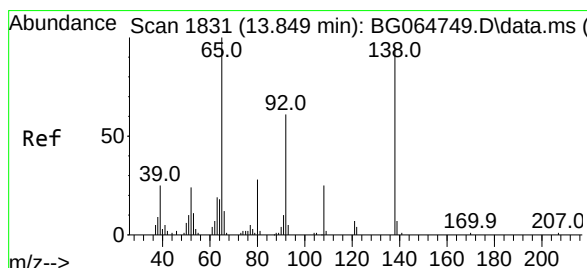
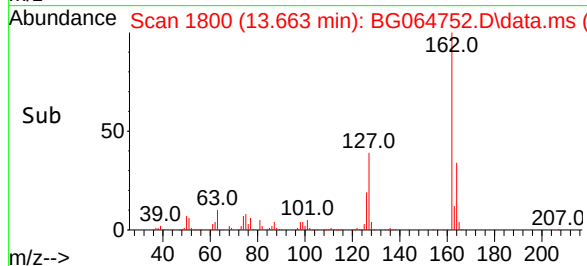
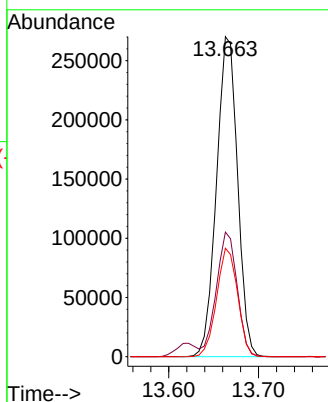
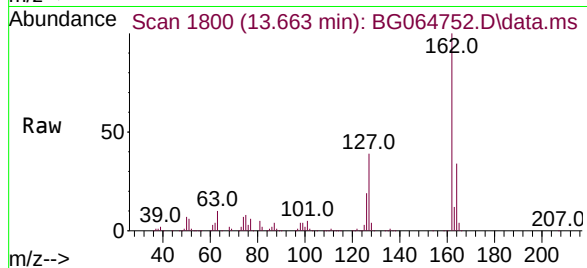
164 33.9 26.8 40.2

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

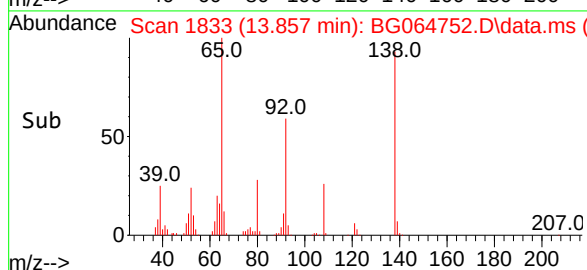
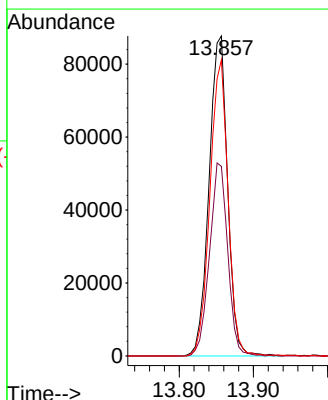
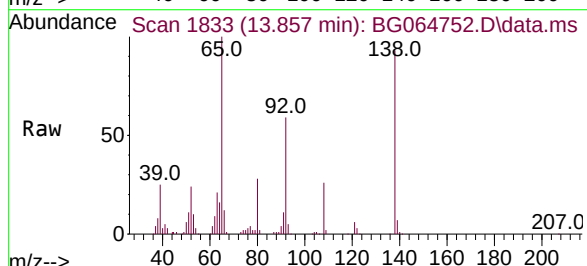
Tgt Ion: 65 Resp: 152081

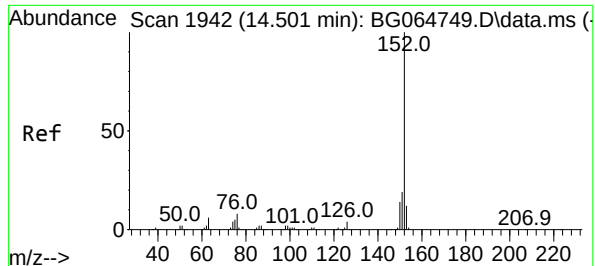
Ion Ratio Lower Upper

65 100

92 59.2 48.6 73.0

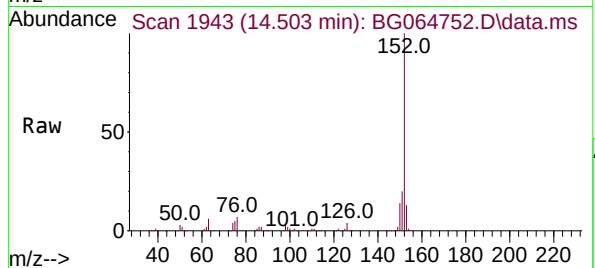
138 92.5 76.4 114.6





#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

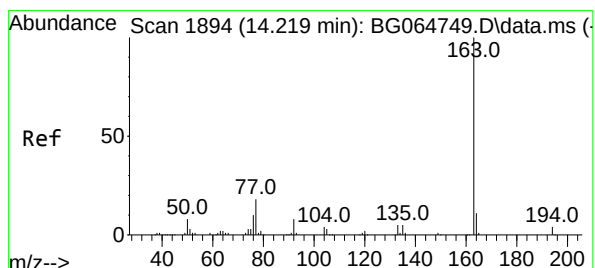
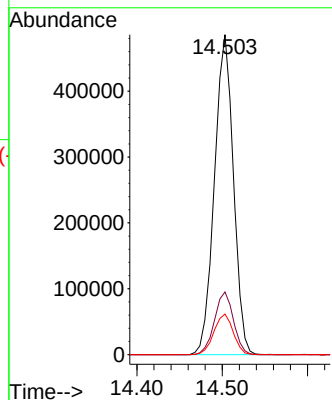
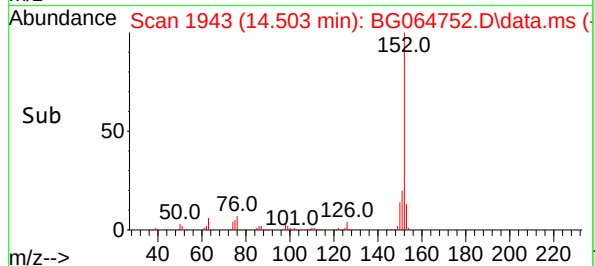
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 749707
Ion Ratio Lower Upper
152 100
151 19.6 15.0 22.4
153 12.7 9.9 14.9

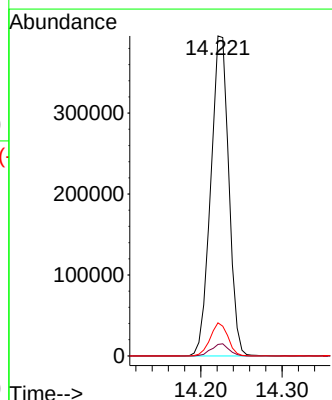
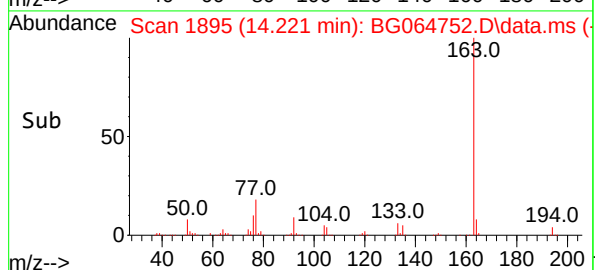
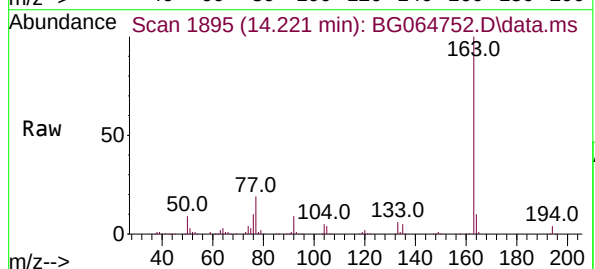
Manual Integrations
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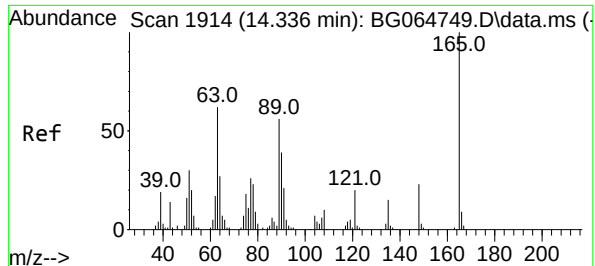
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#50
Dimethylphthalate
Concen: 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

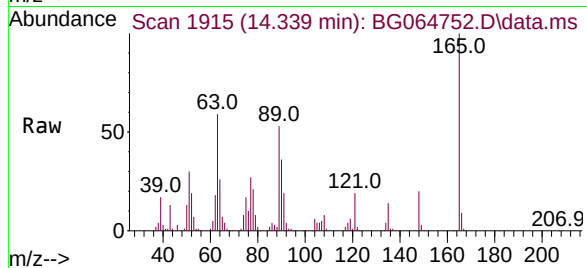
Tgt Ion:163 Resp: 610187
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.3 8.6 12.8





#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

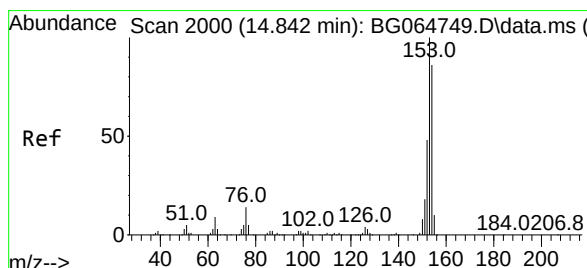
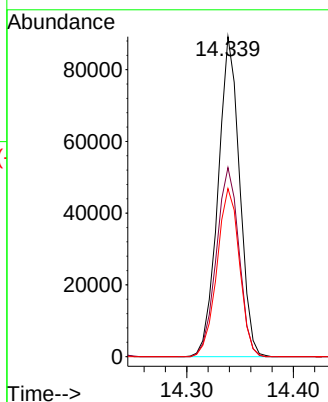
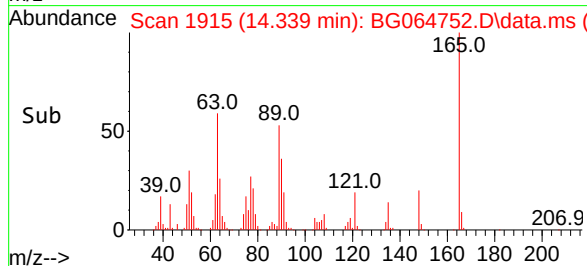
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 125468
Ion Ratio Lower Upper
165 100
63 59.1 49.8 74.8
89 52.5 45.0 67.4

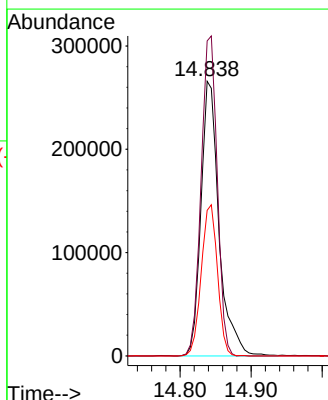
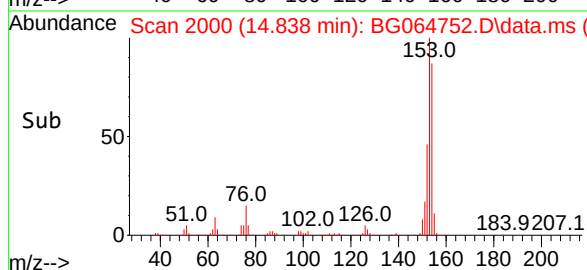
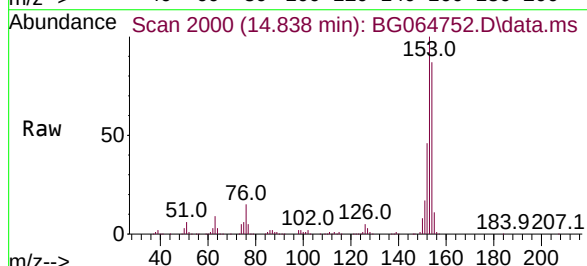
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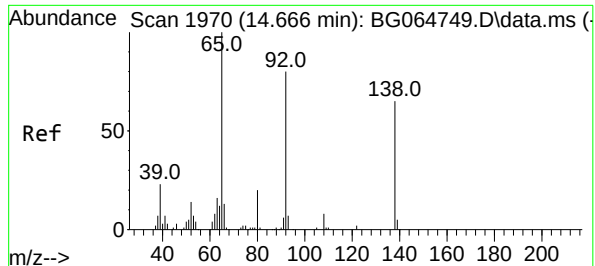
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#52
Acenaphthene
Concen: 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

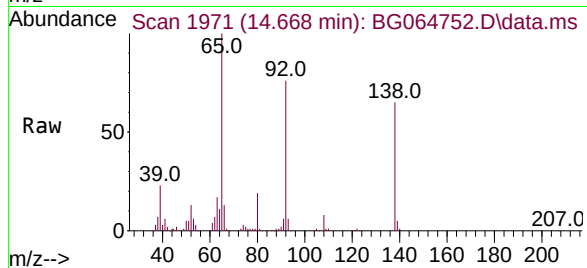
Tgt Ion:154 Resp: 467978
Ion Ratio Lower Upper
154 100
153 114.7 93.0 139.4
152 53.0 44.4 66.6





#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

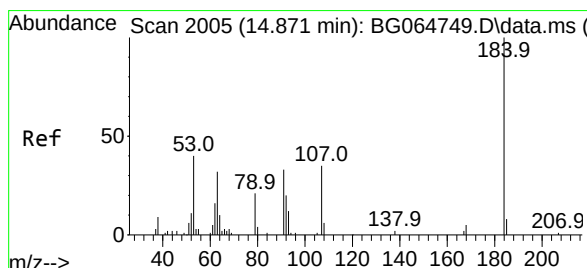
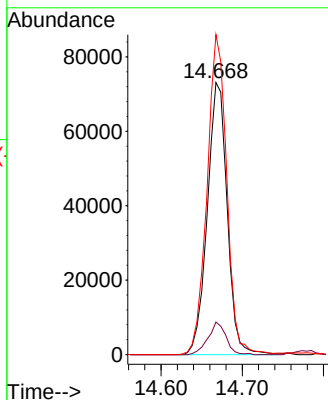
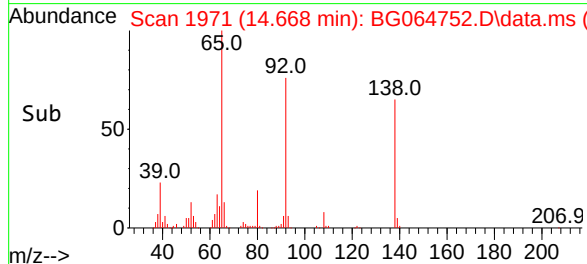
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

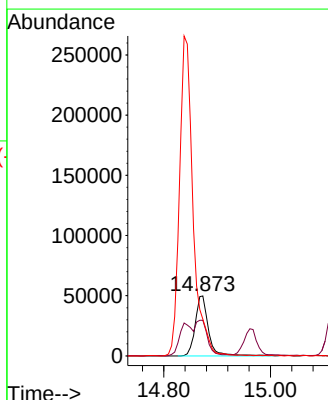
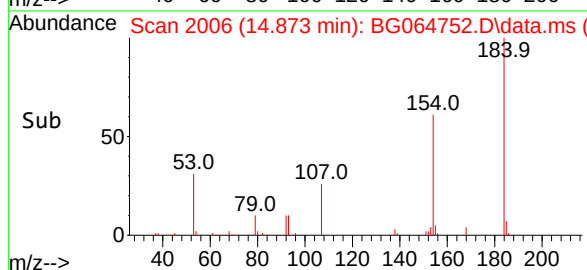
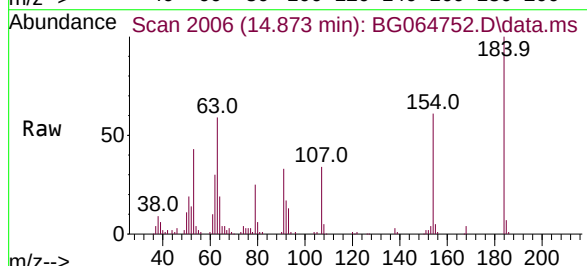
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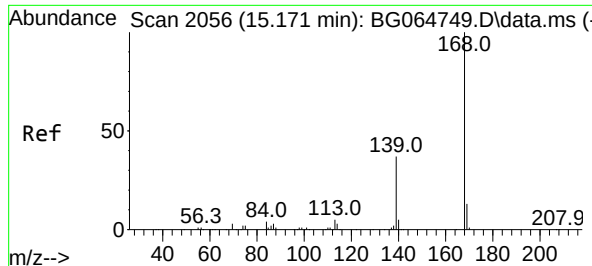
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





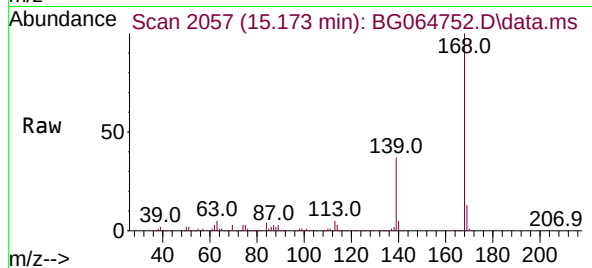
#55
Dibenzenofuran
Concen: 78.683 ng
RT: 15.173 min Scan# 2056
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

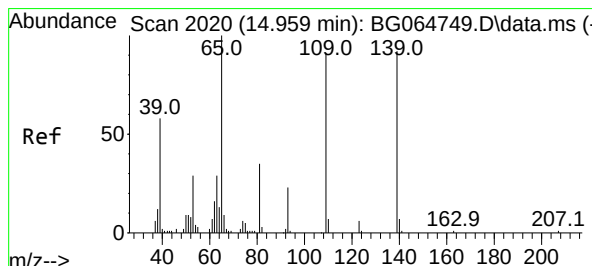
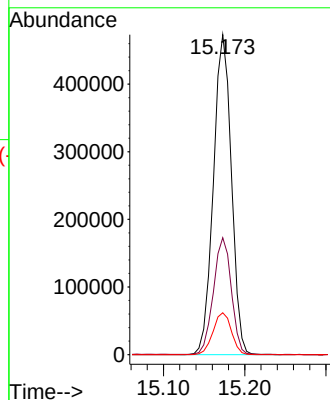
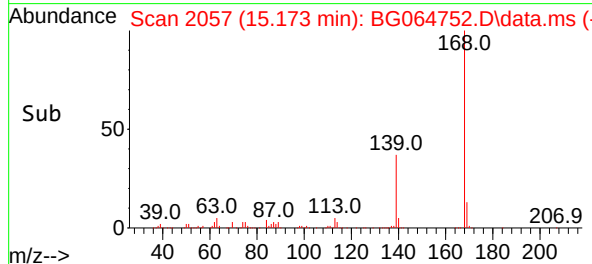


Tgt Ion:168 Resp: 727625
Ion Ratio Lower Upper
168 100
139 36.6 29.5 44.3
169 13.1 10.4 15.6

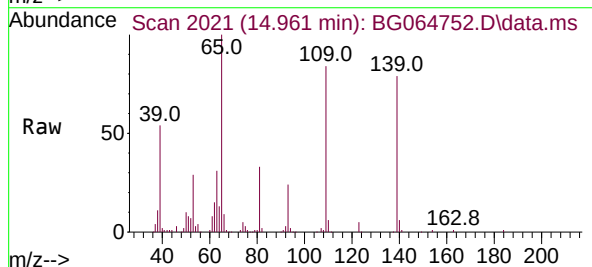
Manual Integrations

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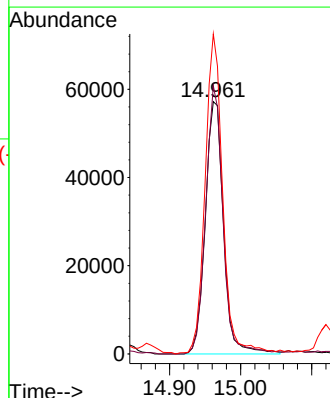
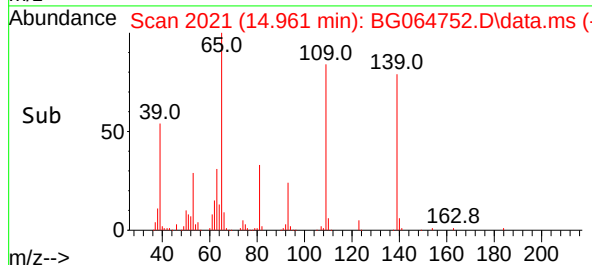
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

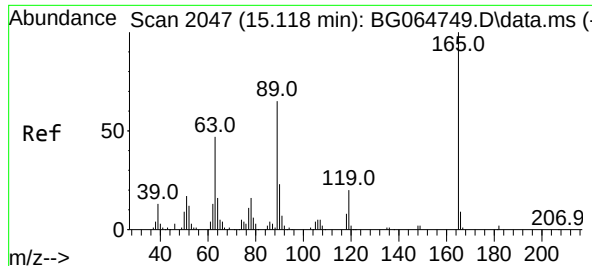


#56
4-Nitrophenol
Concen: 88.727 ng
RT: 14.961 min Scan# 2021
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



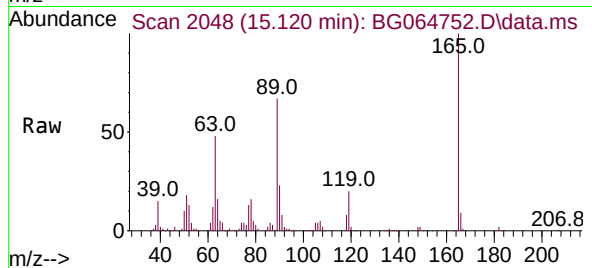
Tgt Ion:139 Resp: 101920
Ion Ratio Lower Upper
139 100
109 106.3 79.7 119.7
65 126.9 89.9 129.9





#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

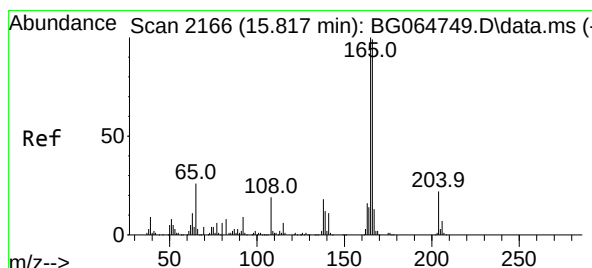
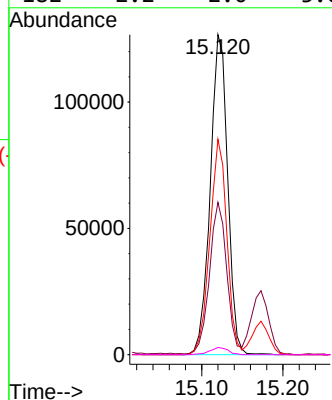
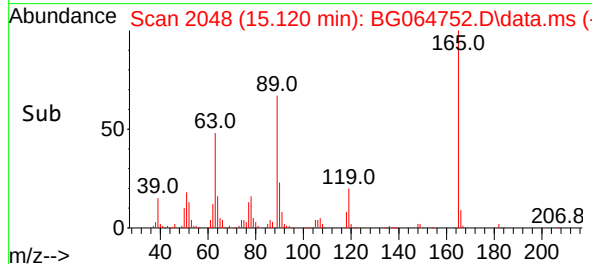
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

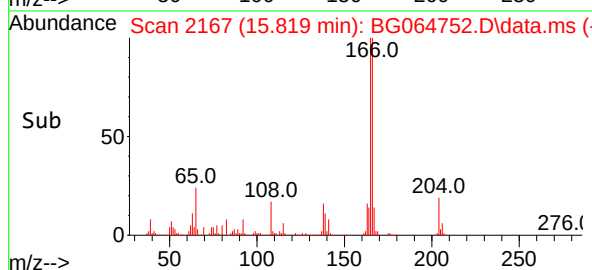
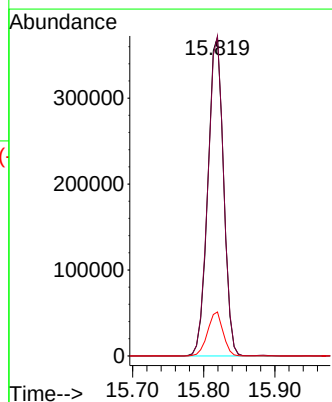
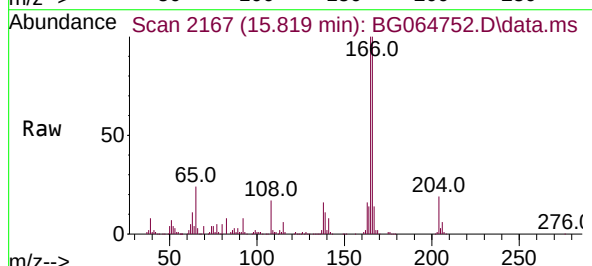
Manual Integrations
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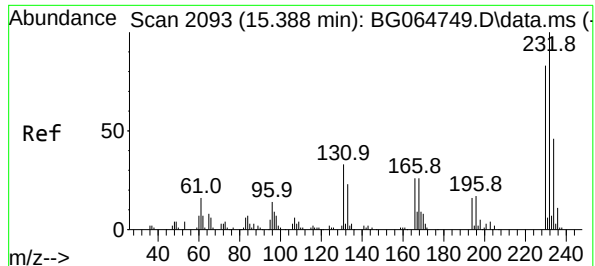
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

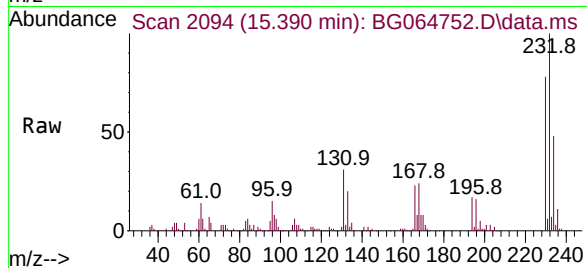
Tgt Ion:166 Resp: 567083
Ion Ratio Lower Upper
166 100
165 100.4 80.5 120.7
167 13.8 10.3 15.5





#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

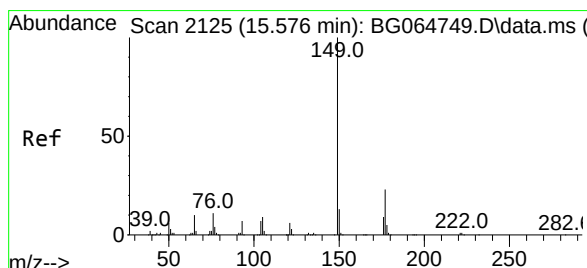
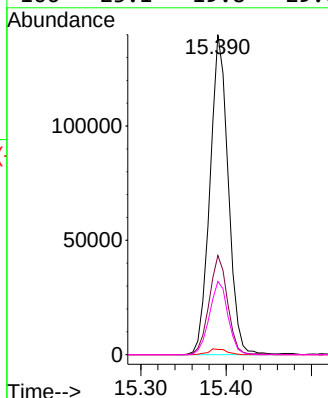
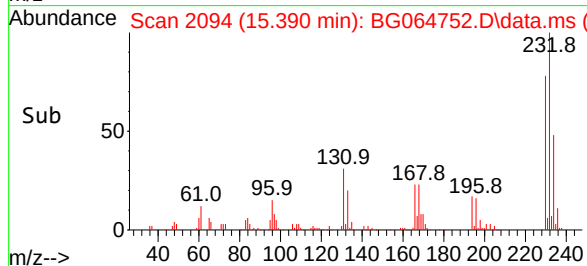
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



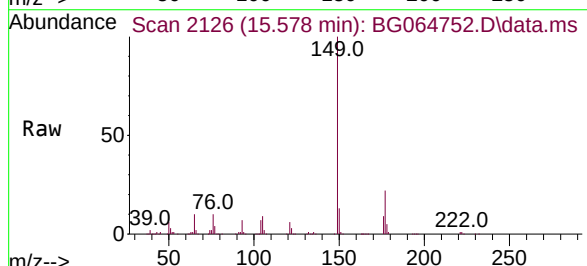
Tgt Ion:232 Resp: 207982
Ion Ratio Lower Upper
232 100
131 31.1 26.0 39.0
130 1.8 1.6 2.4
166 23.1 19.8 29.6

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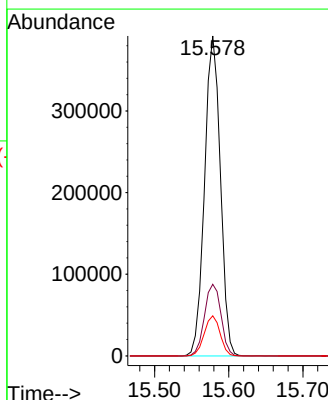
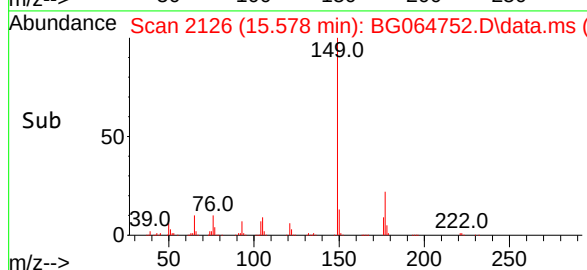
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

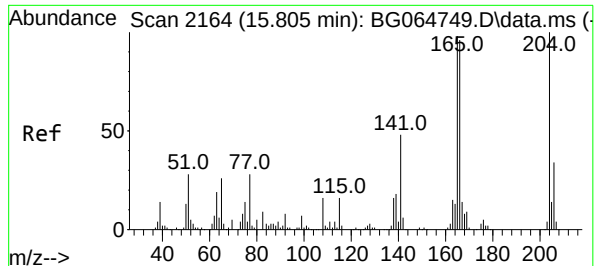


#60
Diethylphthalate
Concen: 79.342 ng
RT: 15.578 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



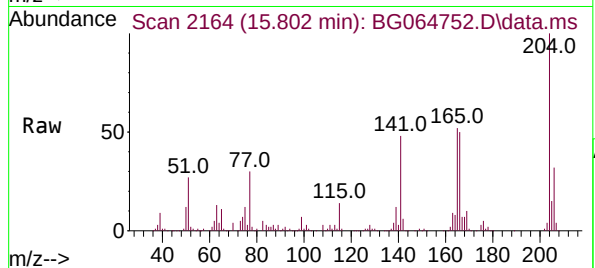
Tgt Ion:149 Resp: 579413
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.5 10.1 15.1





#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

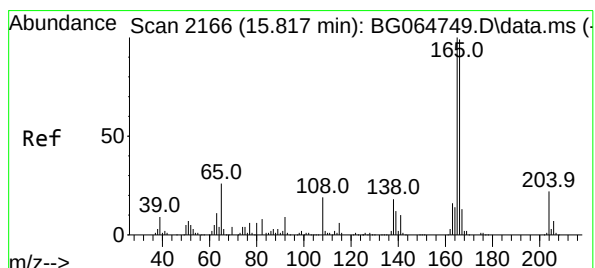
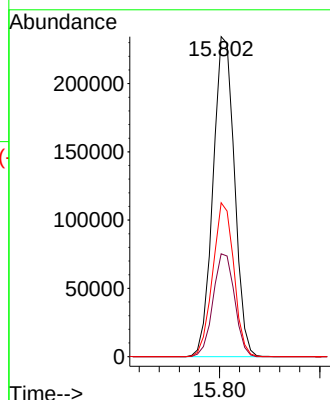
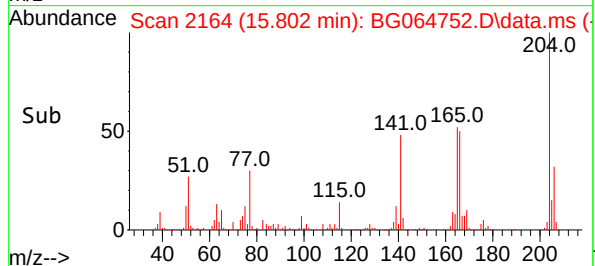
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

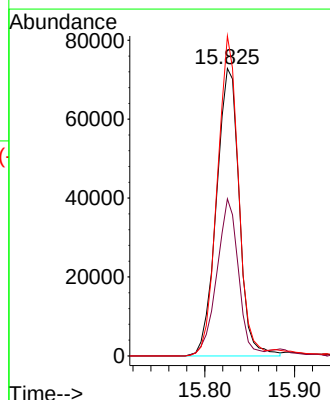
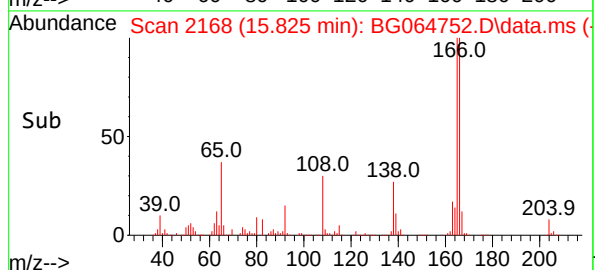
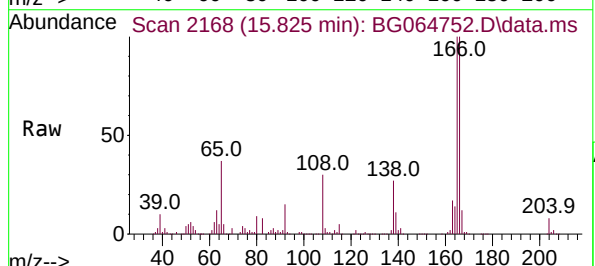
Manual Integrations
APPROVED

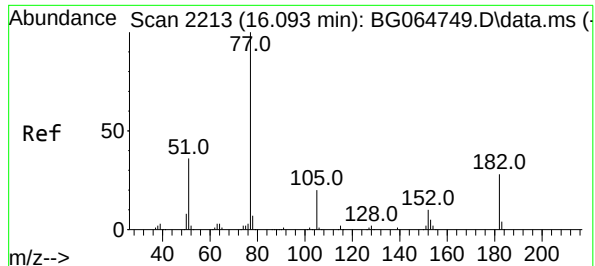
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

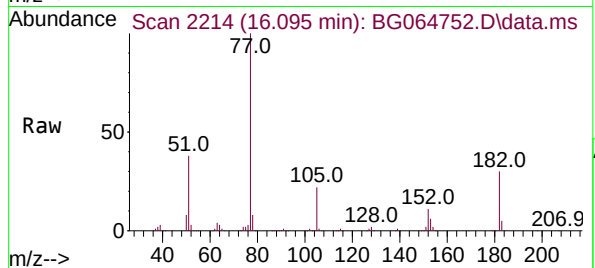
Tgt Ion:138 Resp: 129007
Ion Ratio Lower Upper
138 100
92 54.6 30.7 70.7
108 111.3 85.7 125.7





#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

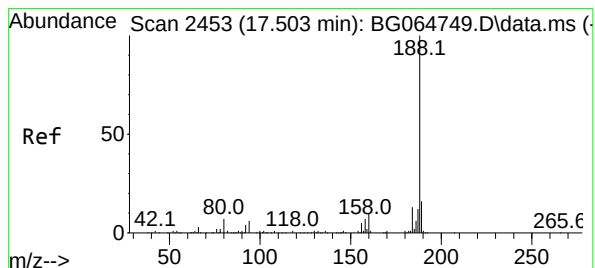
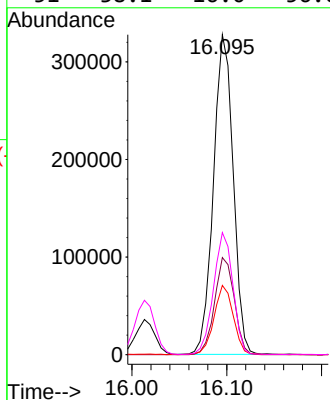
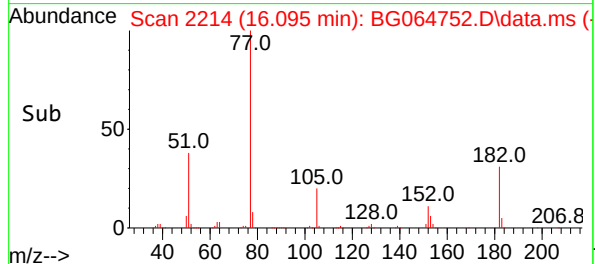
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



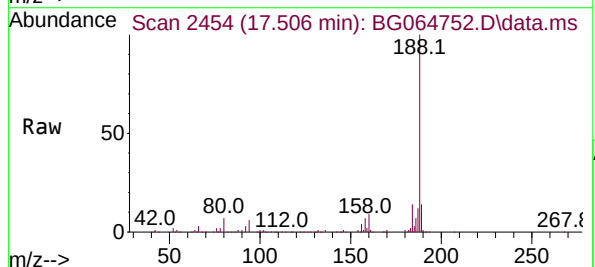
Tgt Ion: 77 Resp: 473692
Ion Ratio Lower Upper
77 100
182 30.3 8.1 48.1
105 21.6 0.1 40.1
51 38.1 16.0 56.0

Manual Integrations
APPROVED

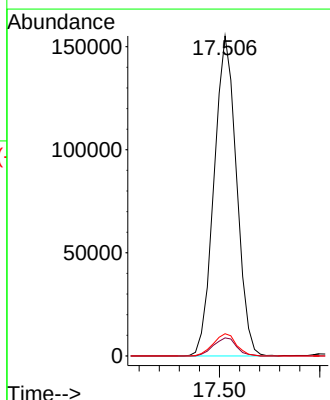
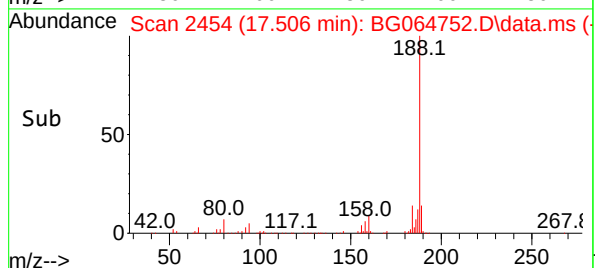
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

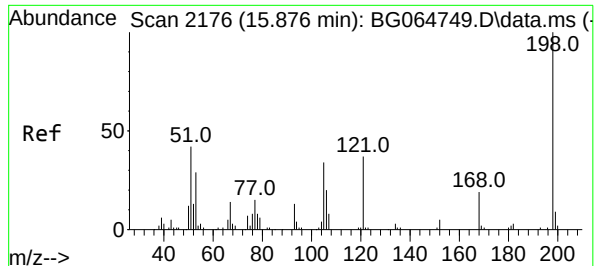


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



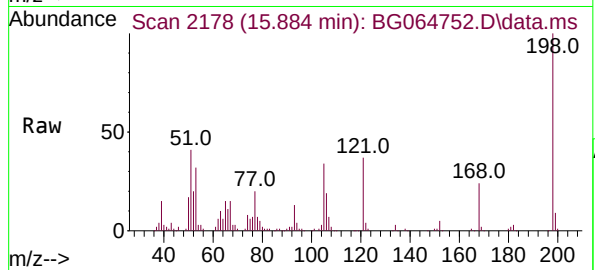
Tgt Ion:188 Resp: 241350
Ion Ratio Lower Upper
188 100
94 5.6 4.7 7.1
80 6.9 5.4 8.2





#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

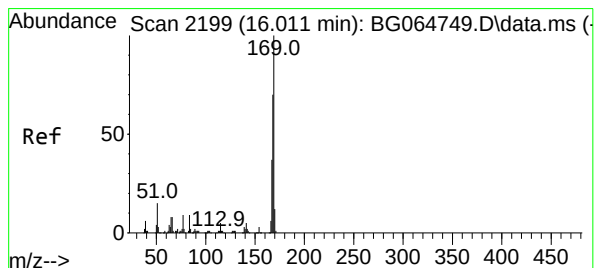
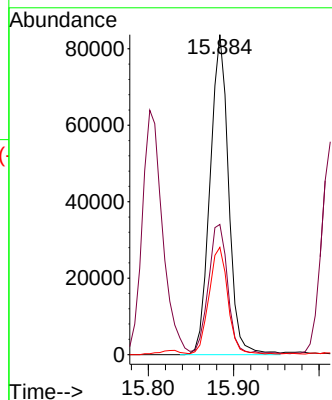
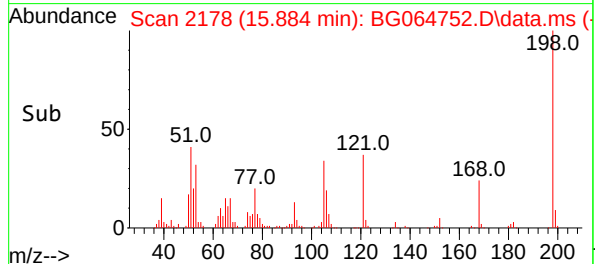
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

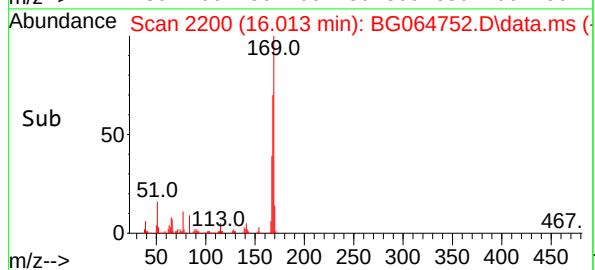
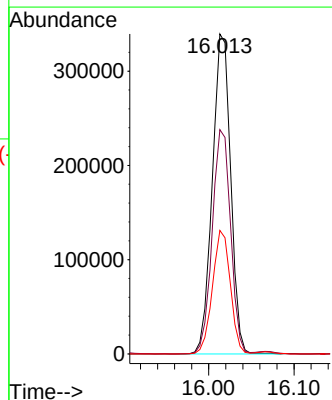
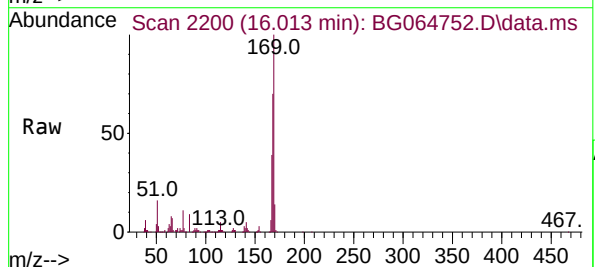
Manual Integrations
APPROVED

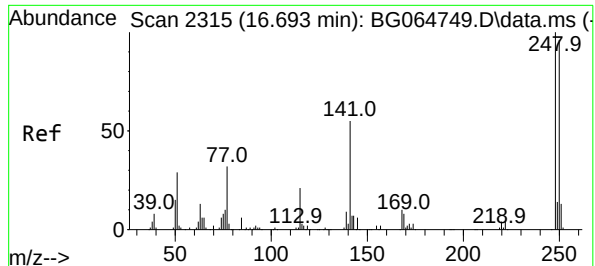
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

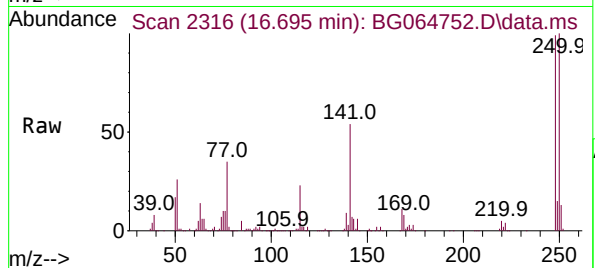
Tgt Ion:169 Resp: 505935
Ion Ratio Lower Upper
169 100
168 70.1 55.9 83.9
167 38.6 29.8 44.6





#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

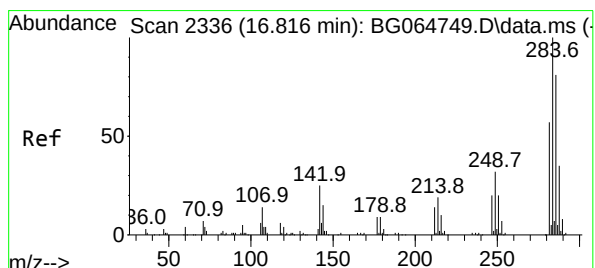
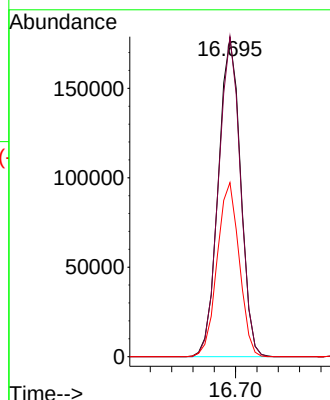
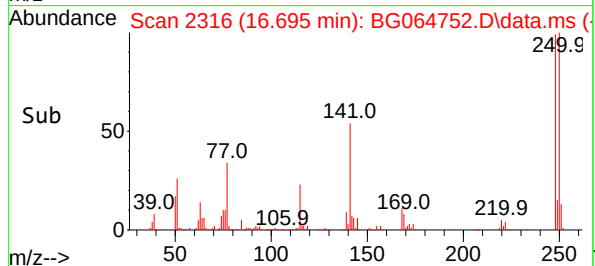
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



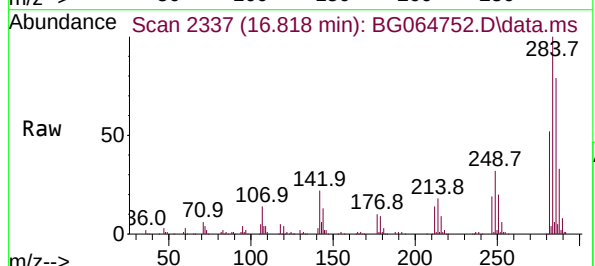
Tgt Ion:248 Resp: 258213
Ion Ratio Lower Upper
248 100
250 100.5 77.0 115.6
141 54.6 43.7 65.5

Manual Integrations
APPROVED

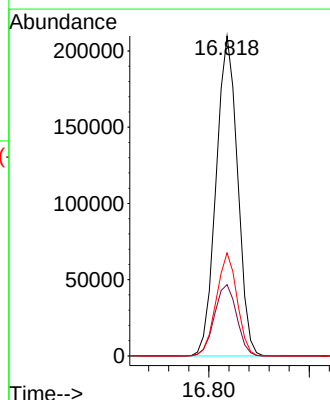
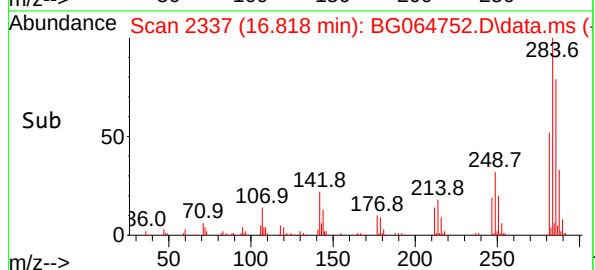
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

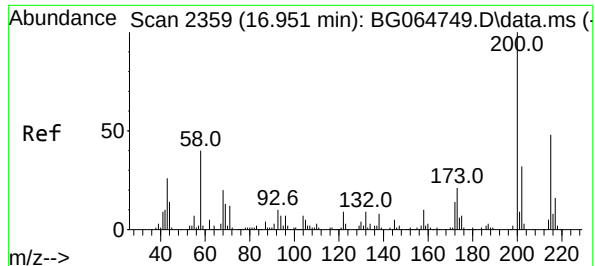


#68
Hexachlorobenzene
Concen: 81.224 ng
RT: 16.818 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



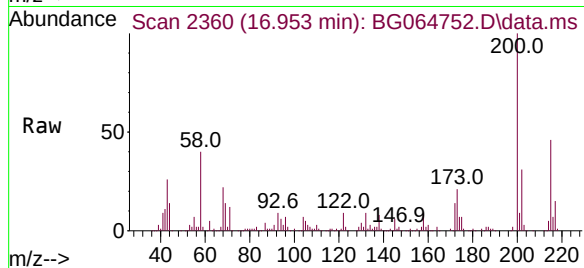
Tgt Ion:284 Resp: 311899
Ion Ratio Lower Upper
284 100
142 22.3 19.7 29.5
249 32.2 28.1 42.1





#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

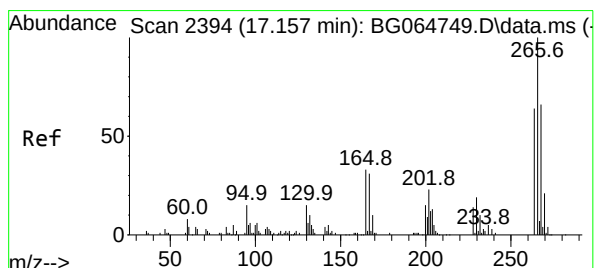
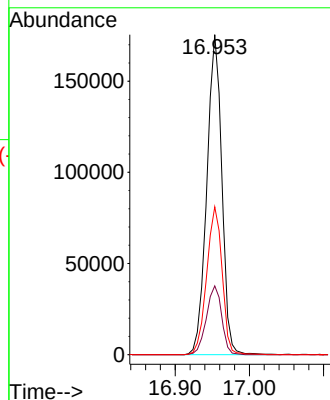
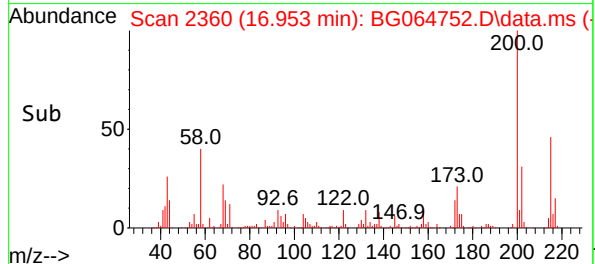
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



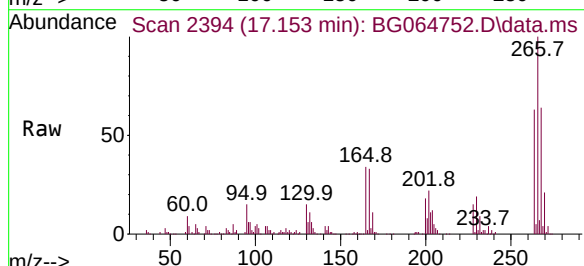
Tgt Ion:200 Resp: 246695
Ion Ratio Lower Upper
200 100
173 21.5 0.9 40.9
215 46.2 27.5 67.5

Manual Integrations
APPROVED

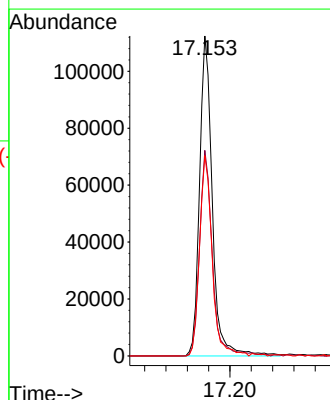
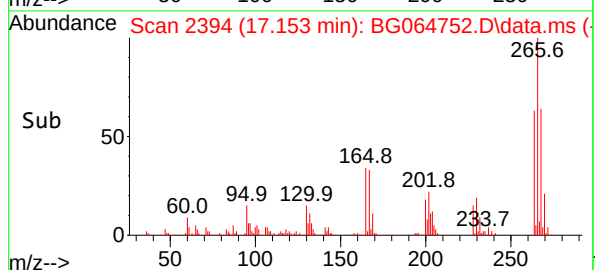
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

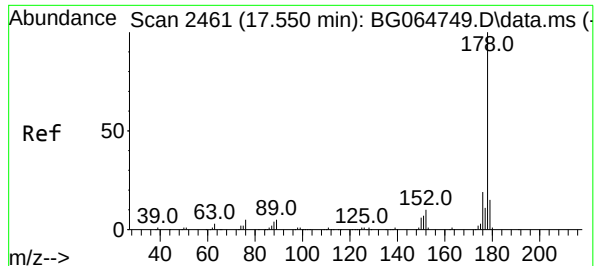


#70
Pentachlorophenol
Concen: 81.697 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04



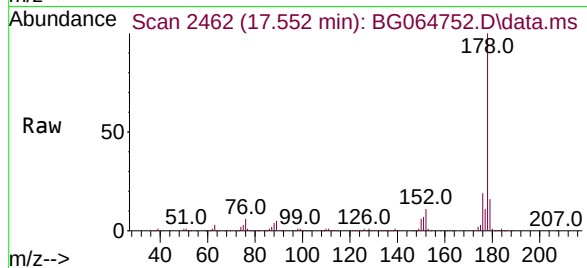
Tgt Ion:266 Resp: 185967
Ion Ratio Lower Upper
266 100
268 68.5 56.1 84.1
264 67.2 51.2 76.8





#71
Phenanthrene
Concen: 78.503 ng
RT: 17.552 min Scan# 2462
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

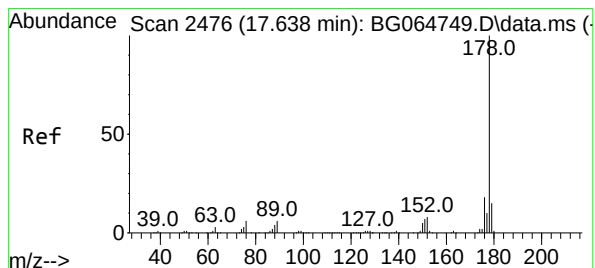
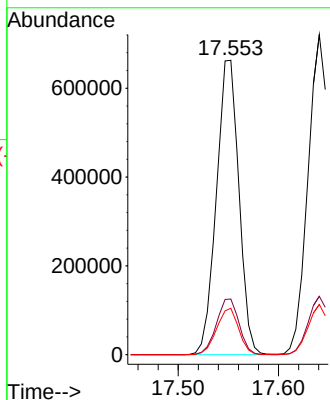
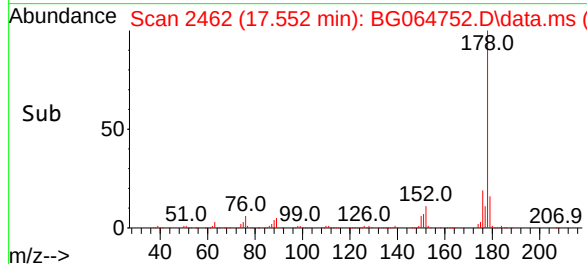
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

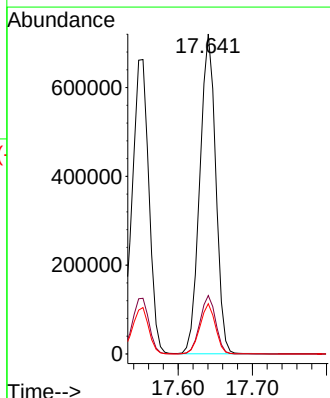
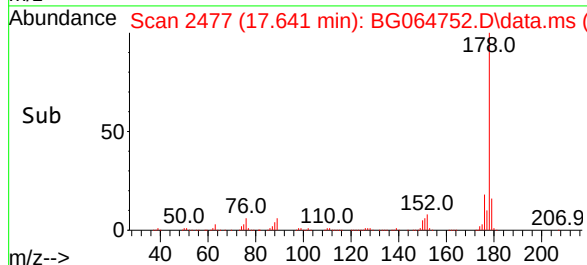
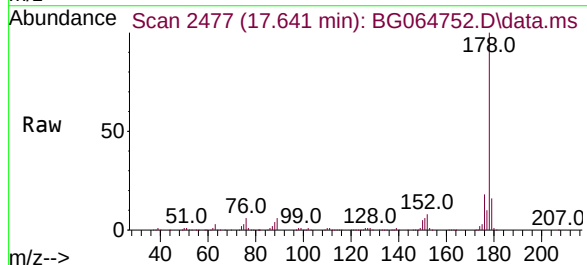
Manual Integrations
APPROVED

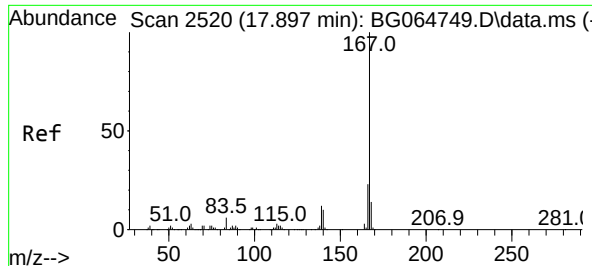
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





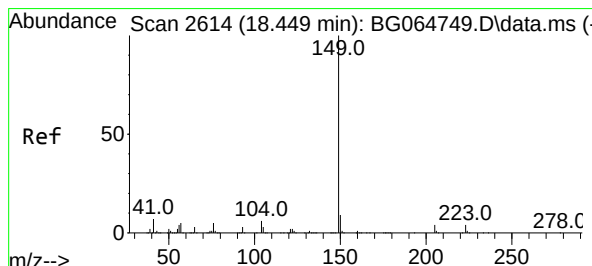
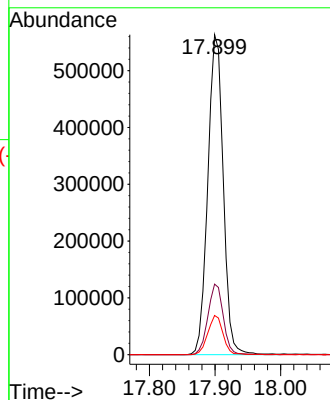
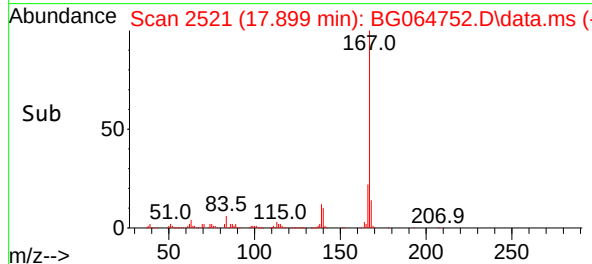
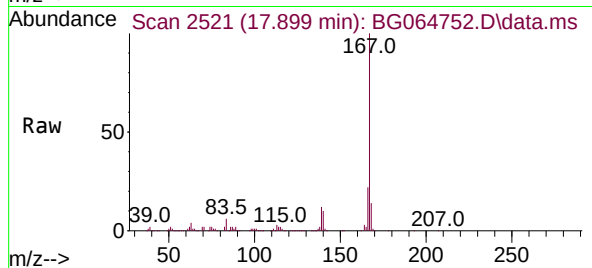
#73
Carbazole
Concen: 79.248 ng
RT: 17.899 min Scan# 2520
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

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

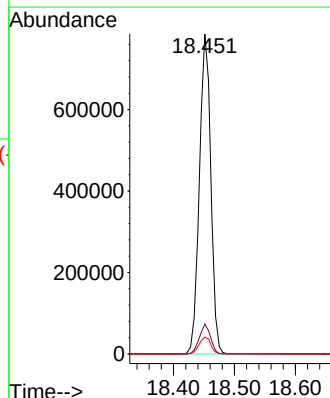
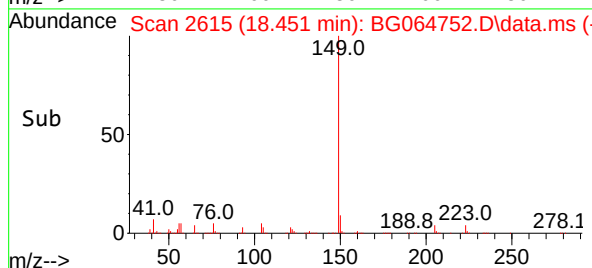
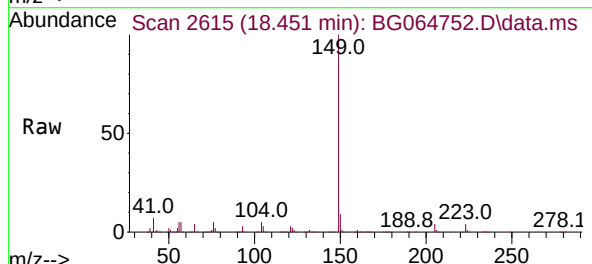
Manual Integrations
APPROVED

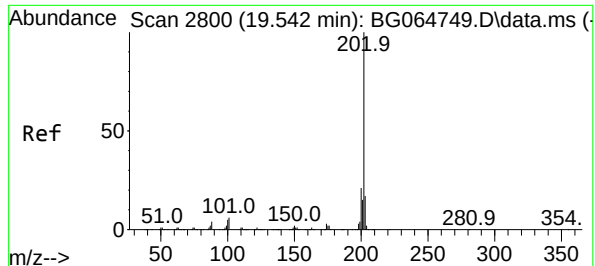
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

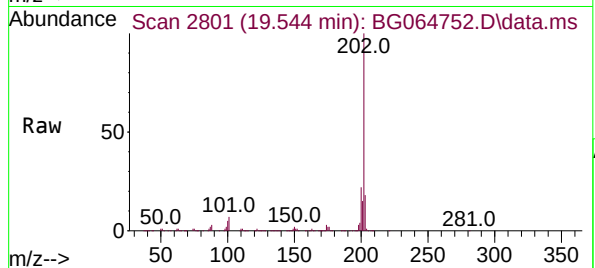
Tgt Ion:149 Resp: 1022641
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 77.406 ng
RT: 19.544 min Scan# 2800
Delta R.T. 0.002 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

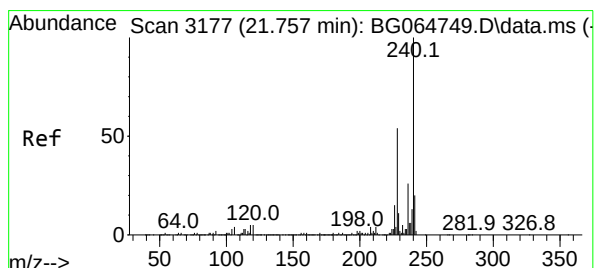
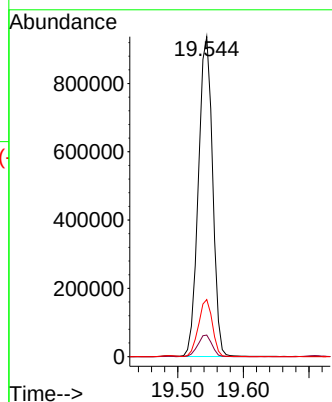
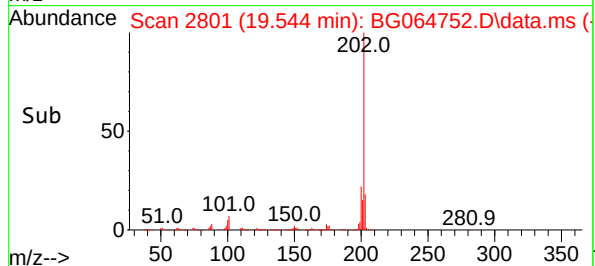
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

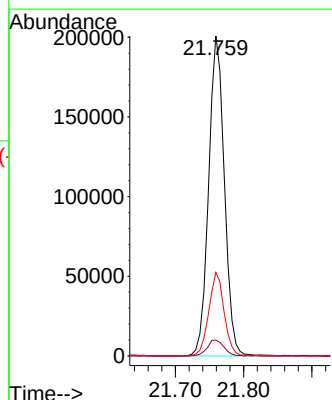
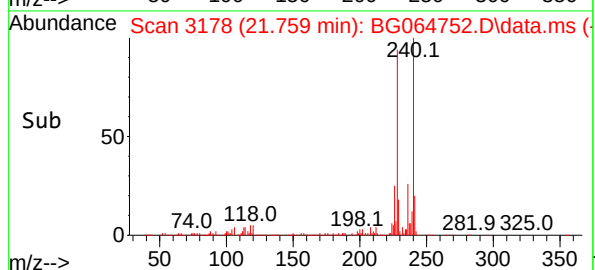
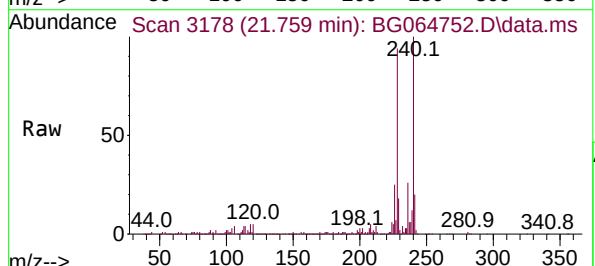
Manual Integrations
APPROVED

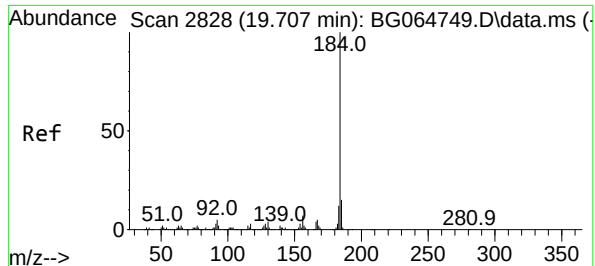
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

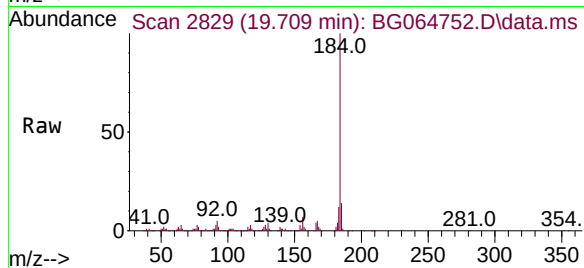
Tgt Ion:240 Resp: 320922
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.4
236 26.1 20.8 31.2





#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

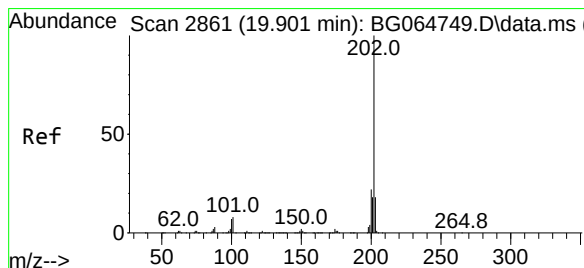
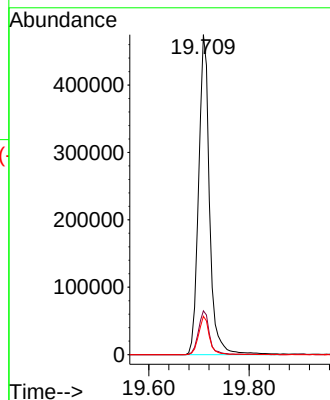
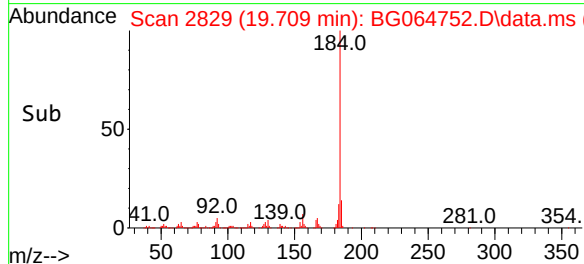
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

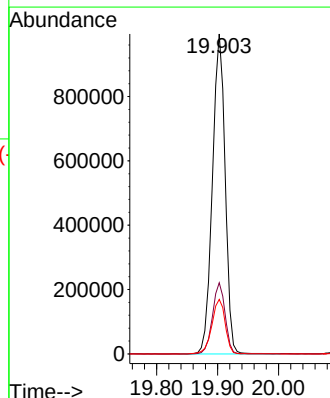
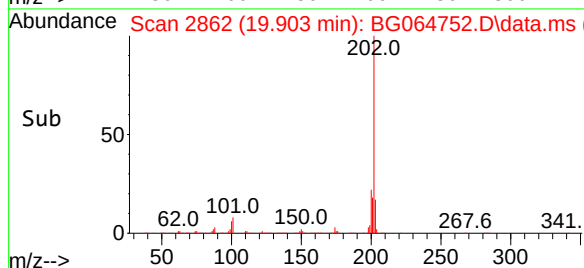
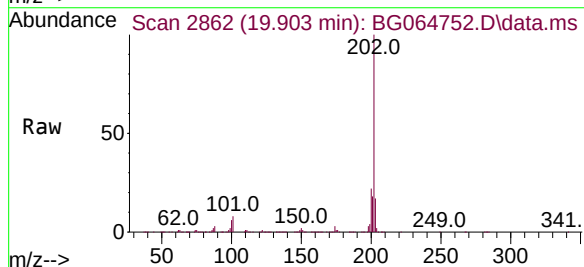
Manual Integrations
APPROVED

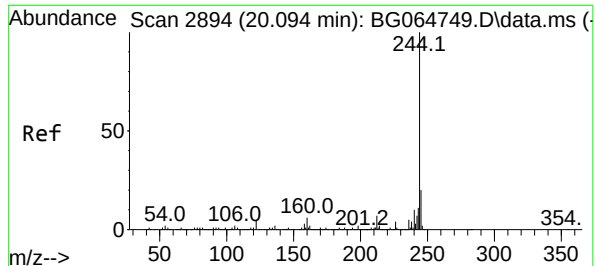
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

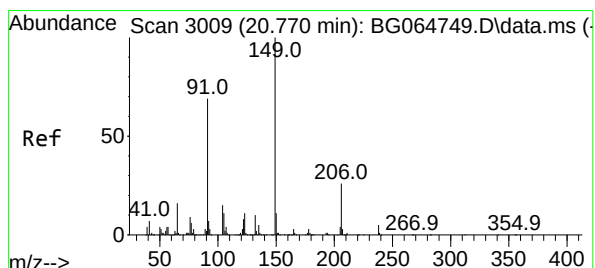
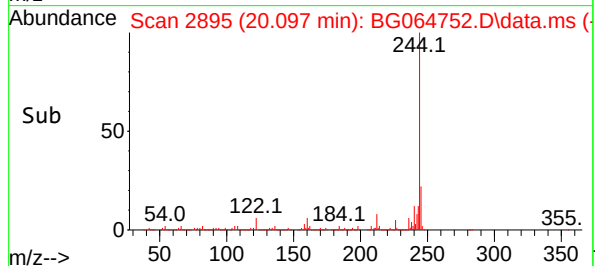
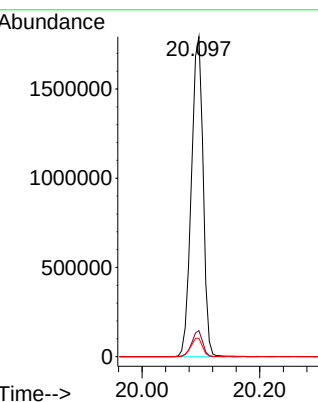
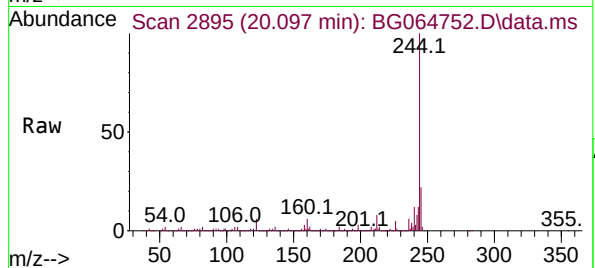
122 5.7 4.3 6.5

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

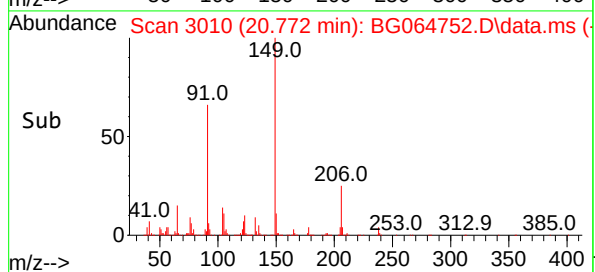
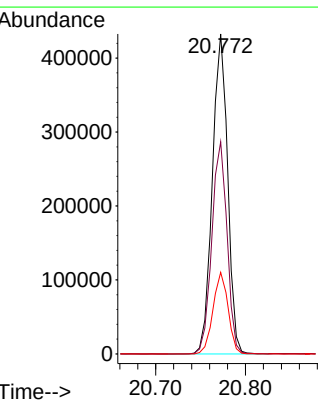
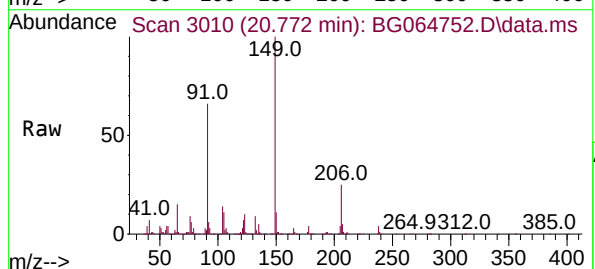
Tgt Ion:149 Resp: 511144

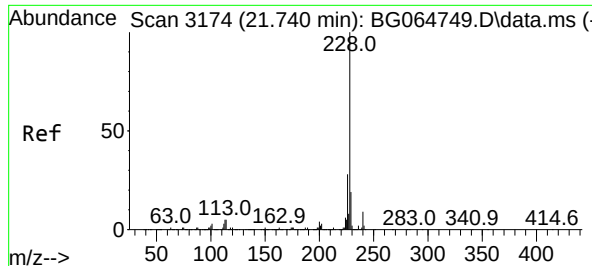
Ion Ratio Lower Upper

149 100

91 66.3 54.9 82.3

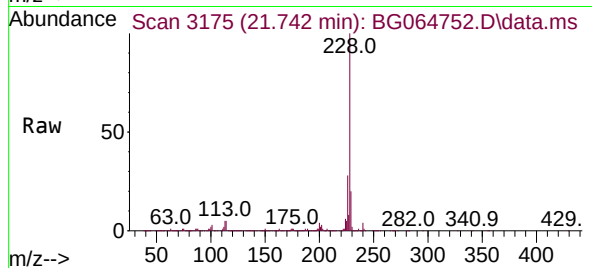
206 25.5 21.2 31.8





#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

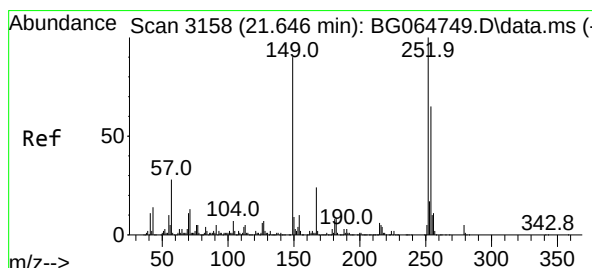
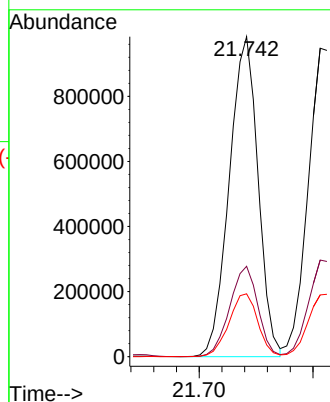
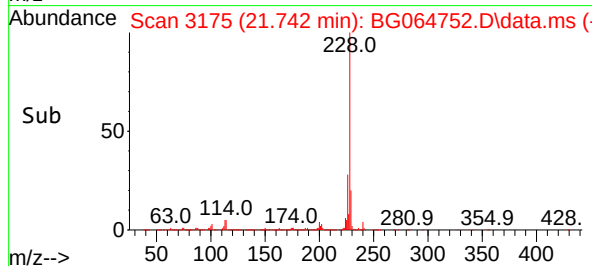
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

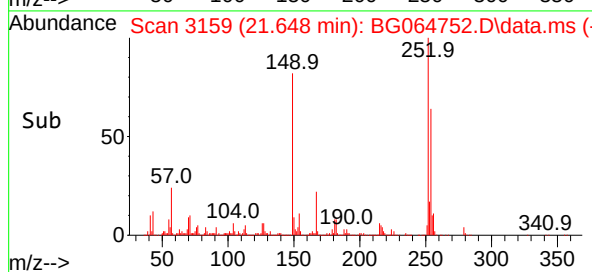
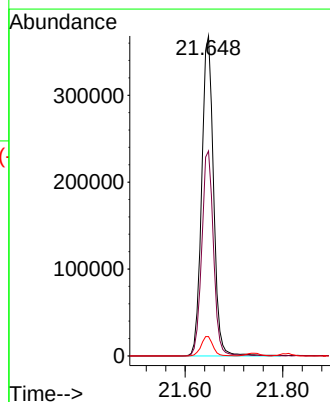
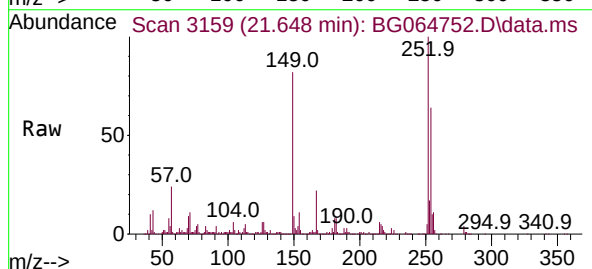
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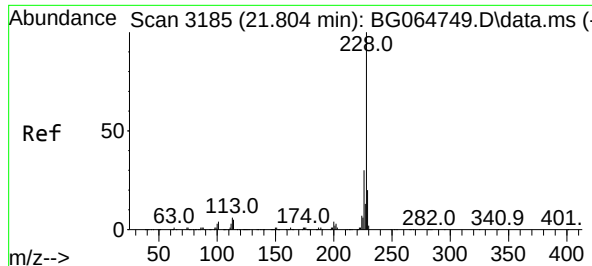
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

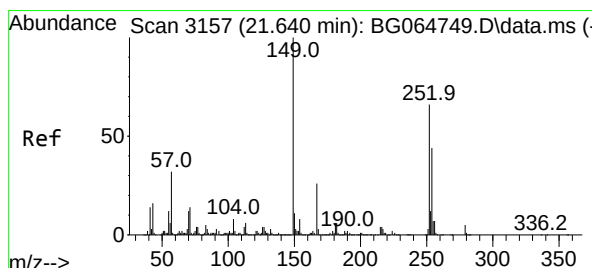
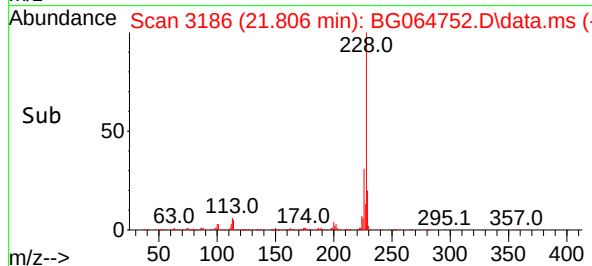
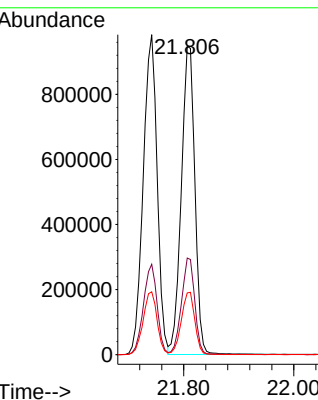
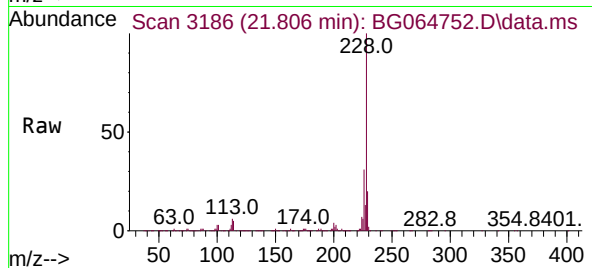
229 20.0 16.0 24.0

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

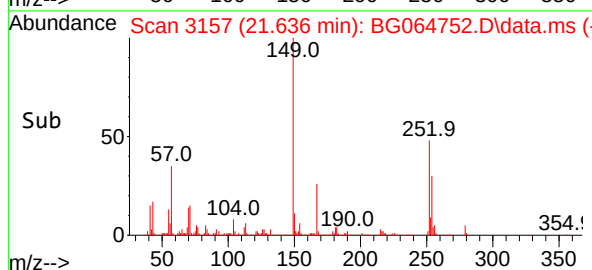
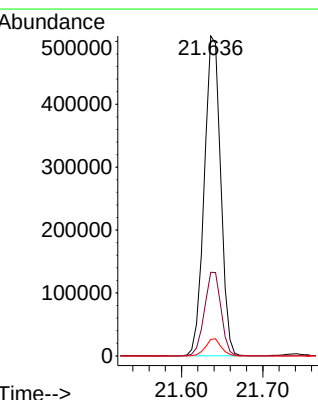
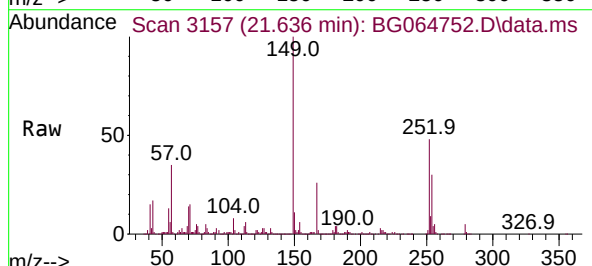
Tgt Ion:149 Resp: 710301

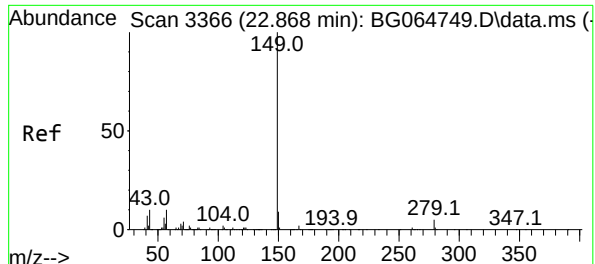
Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

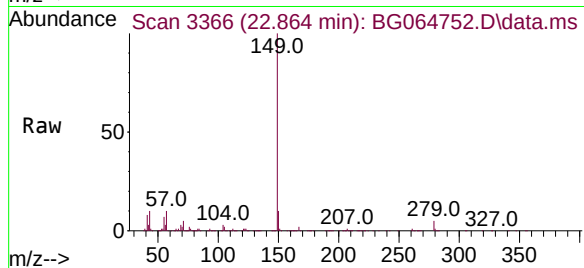
279 5.2 4.1 6.1





#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

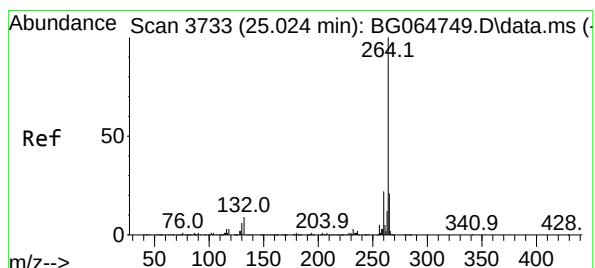
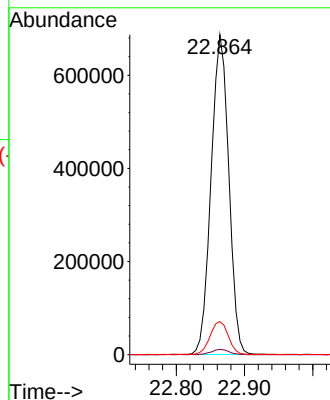
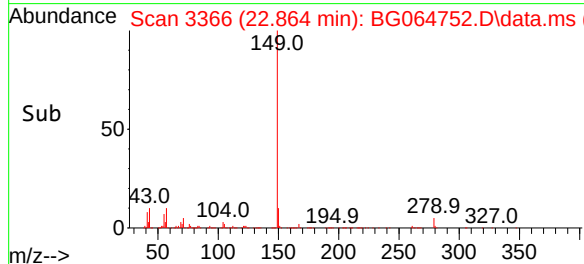
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

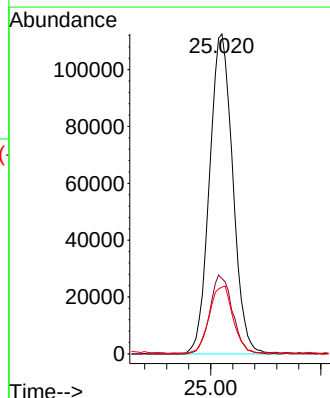
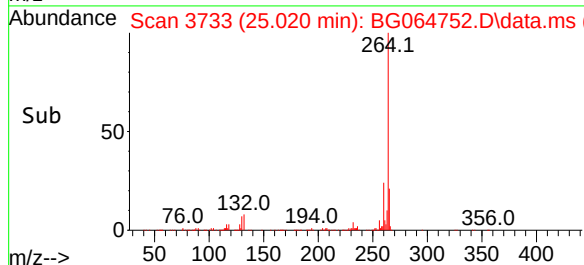
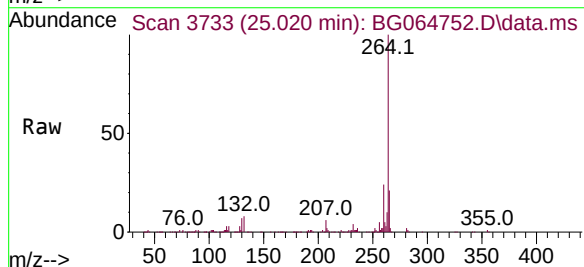
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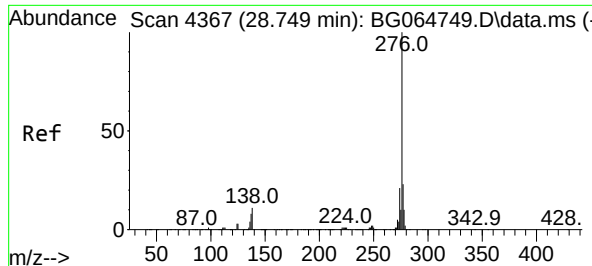
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.020 min Scan# 3733
Delta R.T. -0.004 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

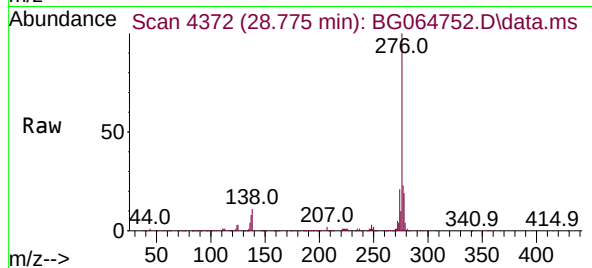
Tgt Ion:264 Resp: 330317
Ion Ratio Lower Upper
264 100
260 23.6 17.2 25.8
265 20.9 16.6 25.0





#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

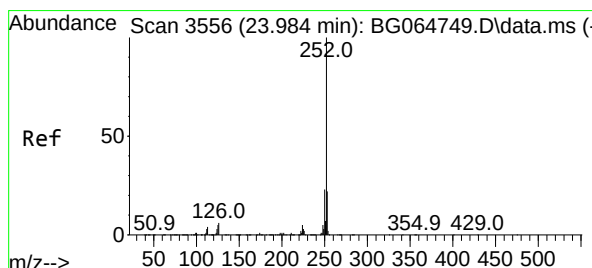
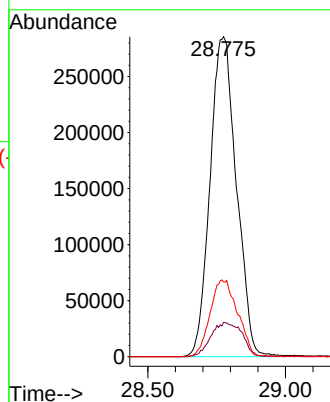
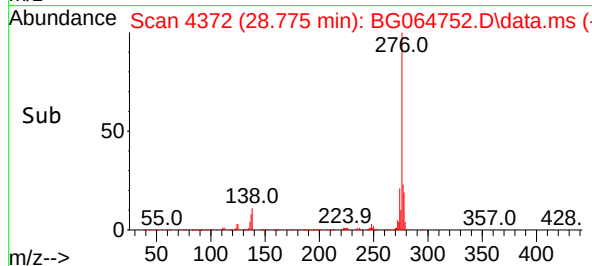
Instrument :
BNA_G
ClientSampleId :
SSTDICC080



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

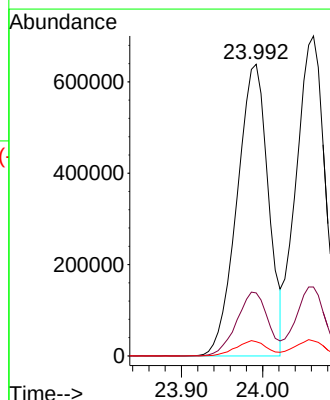
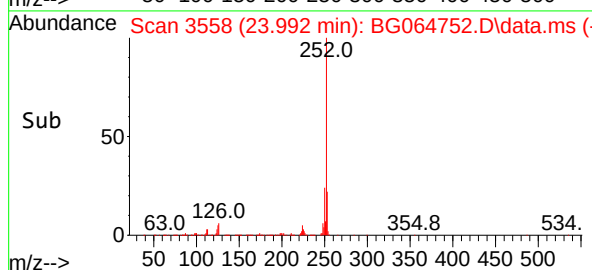
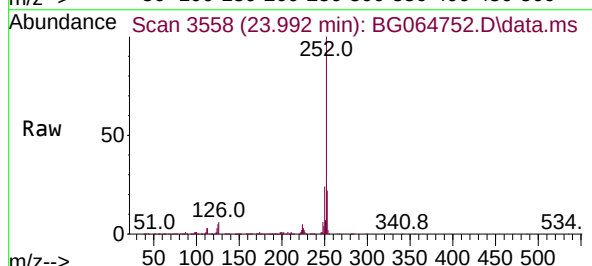
Manual Integrations
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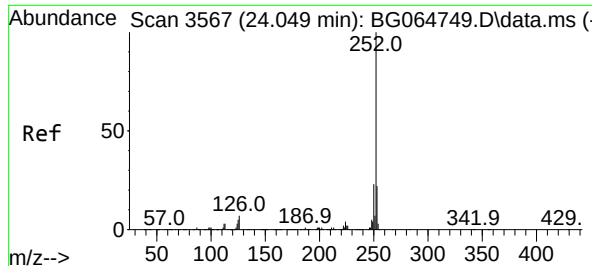
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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# 31

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

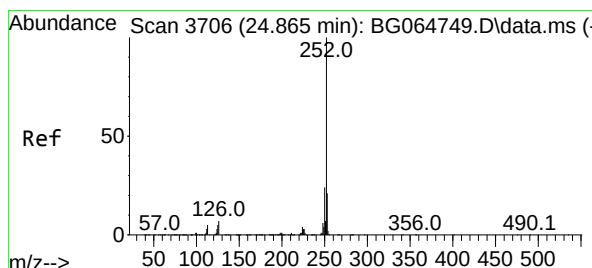
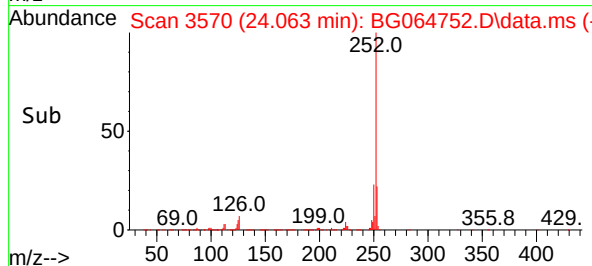
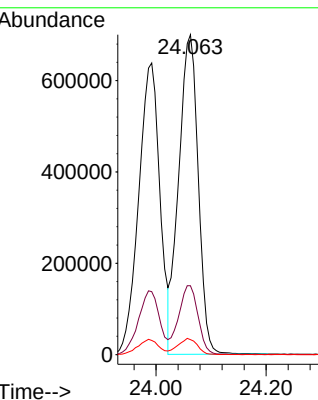
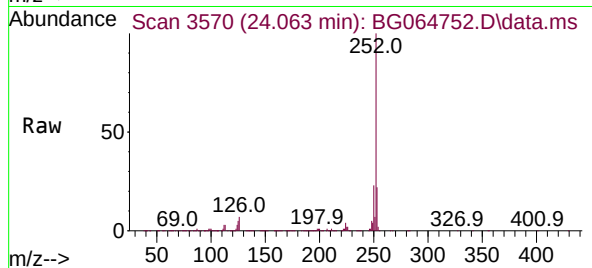
125 4.7 4.1 6.1

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

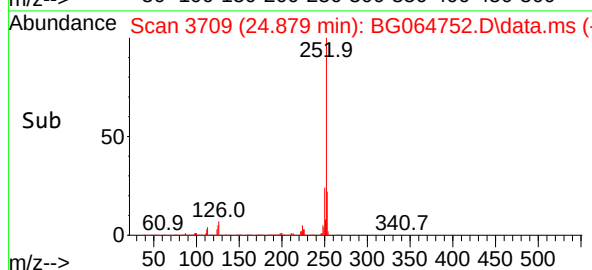
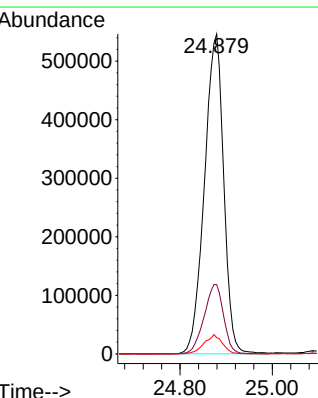
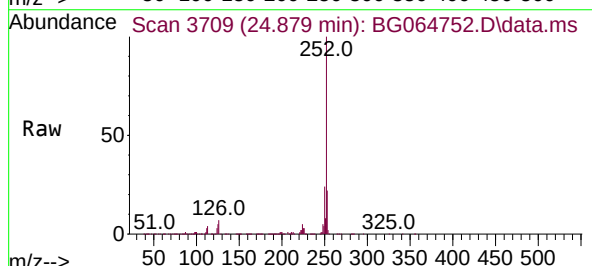
Tgt Ion:252 Resp: 1583859

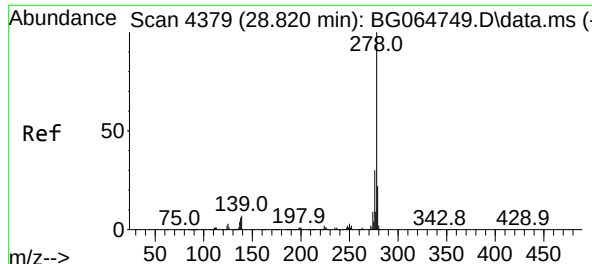
Ion Ratio Lower Upper

252 100

253 21.7 16.9 25.3

125 5.1 4.2 6.4





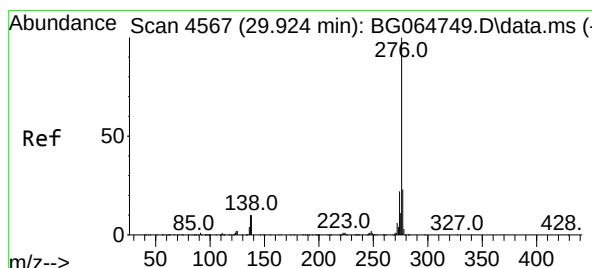
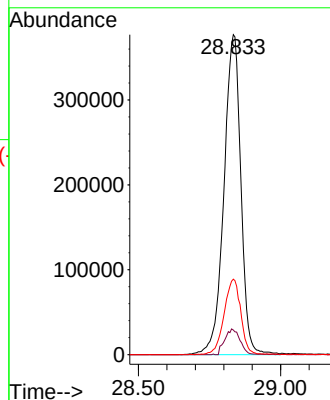
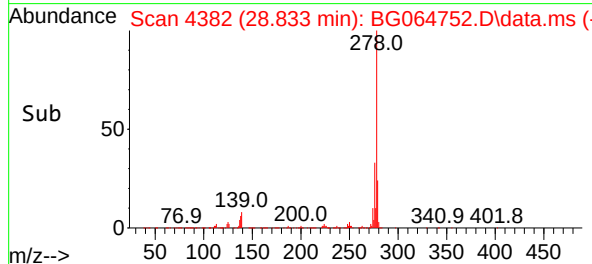
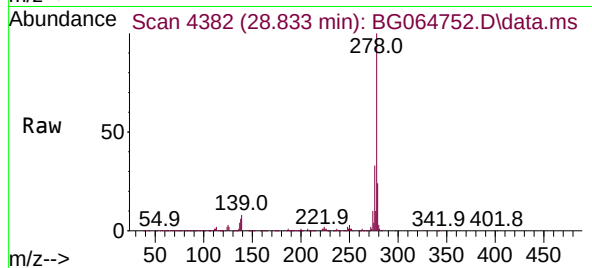
#91
Dibenzo(a,h)anthracene
Concen: 83.894 ng
RT: 28.833 min Scan# 4379
Delta R.T. 0.014 min
Lab File: BG064752.D
Acq: 12 Nov 2025 16:04

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

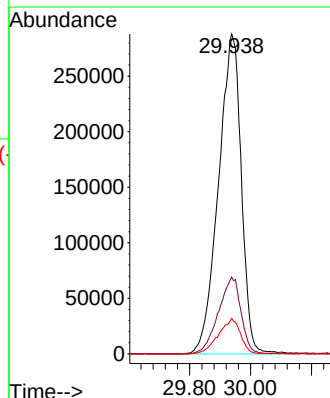
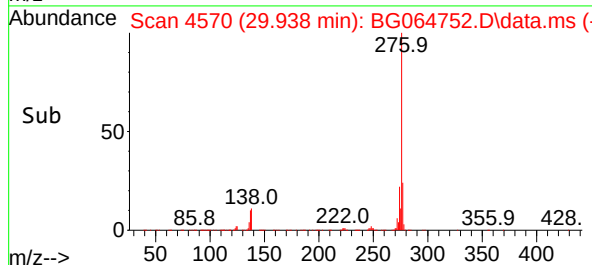
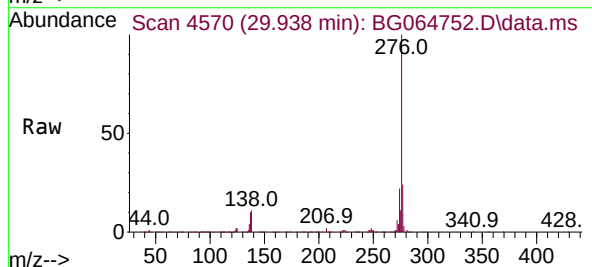
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

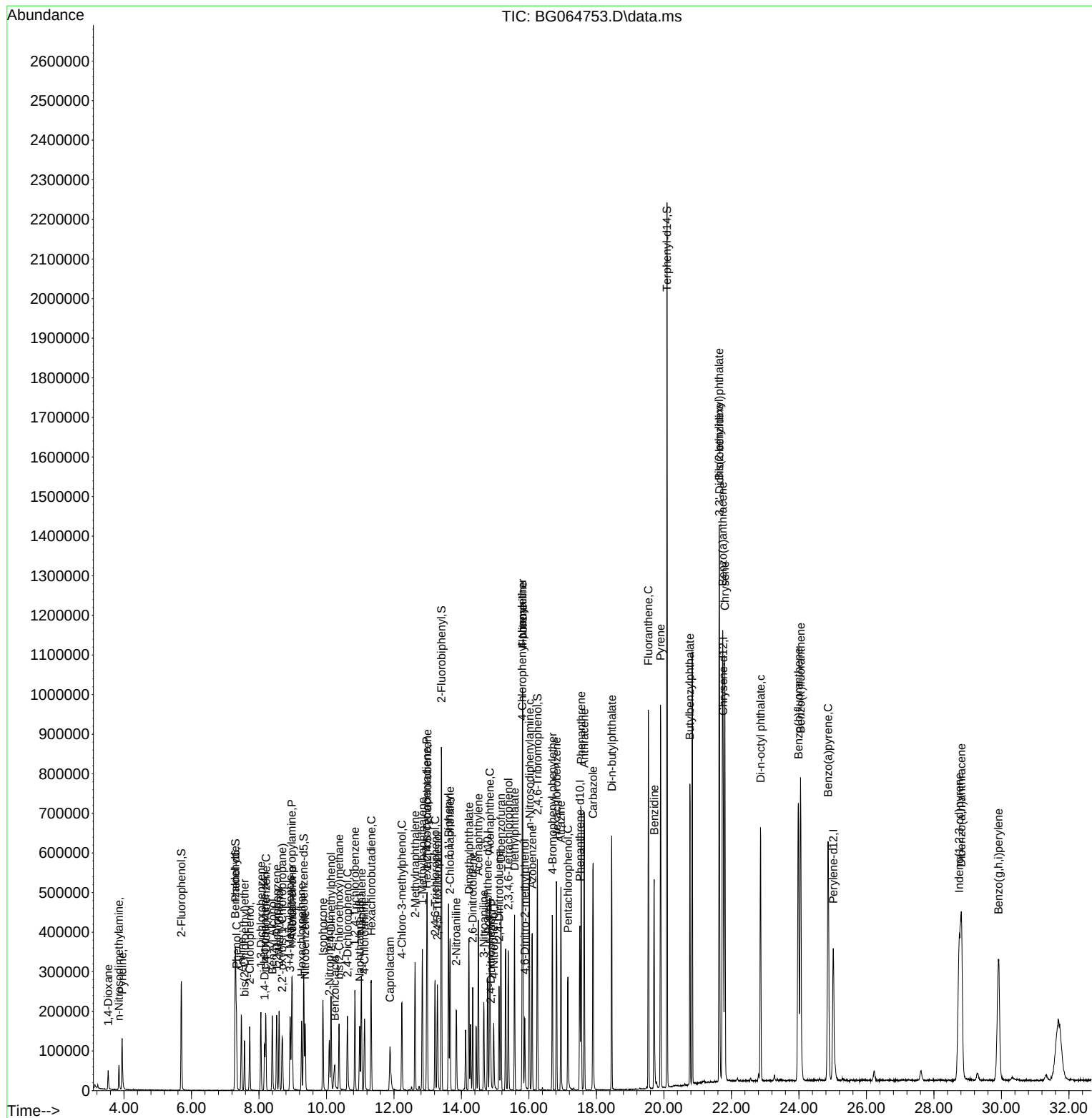
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Acq On    : 12 Nov 2025  16:45  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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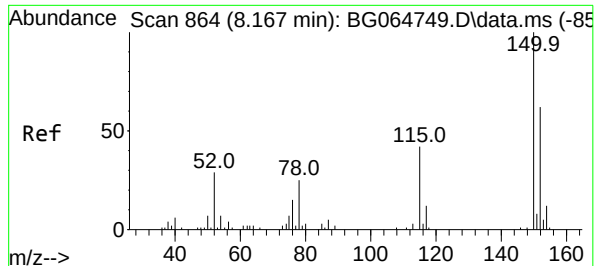
Instrument :
BNA_G
ClientSampleId :
ICVBG111225

Manual Integrations APPROVED

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

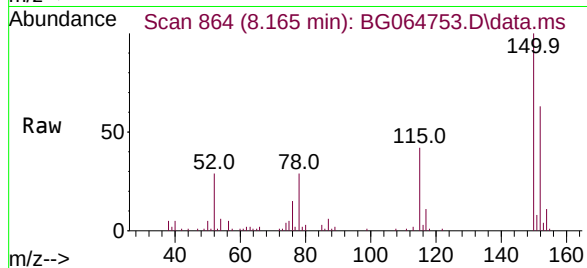
Quant Time: Nov 12 17:26:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration





#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

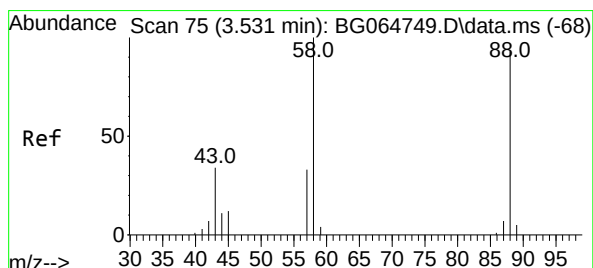
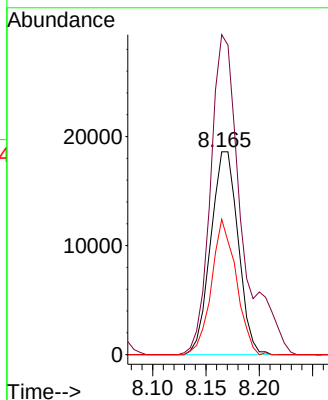
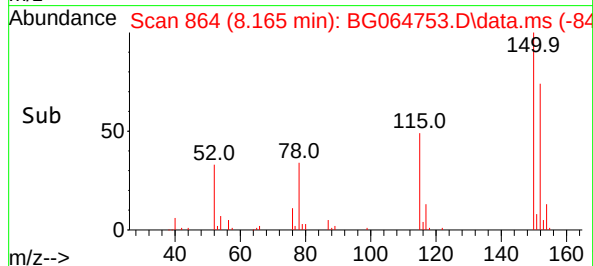
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

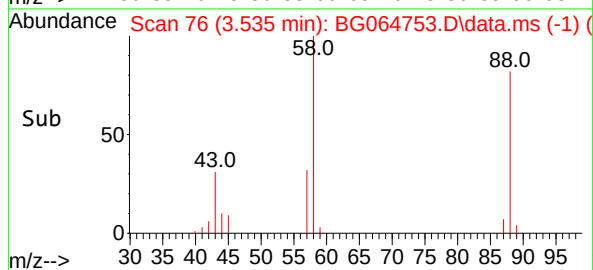
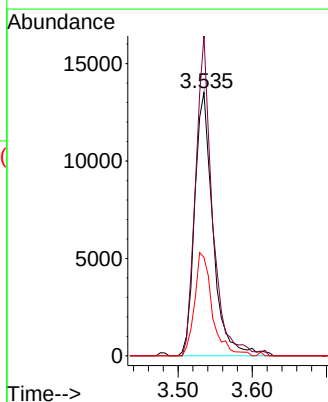
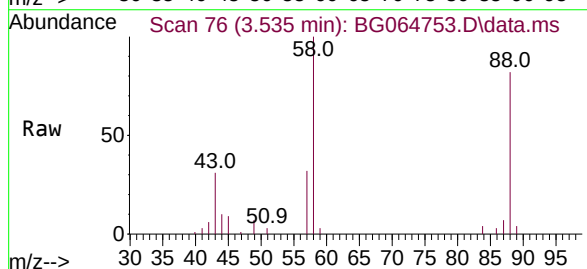
Manual Integrations
APPROVED

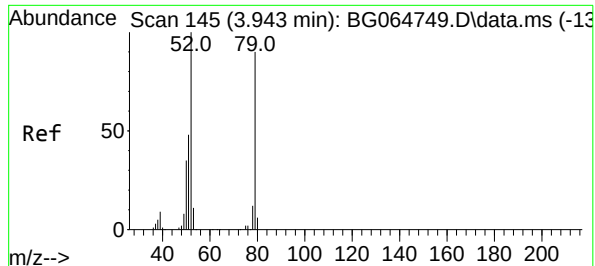
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

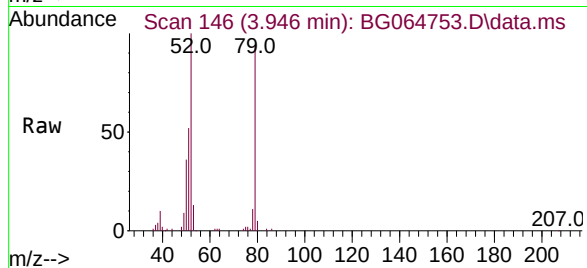
Tgt Ion: 88 Resp: 23293
Ion Ratio Lower Upper
88 100
58 111.2 84.6 126.8
43 37.7 30.0 45.0





#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

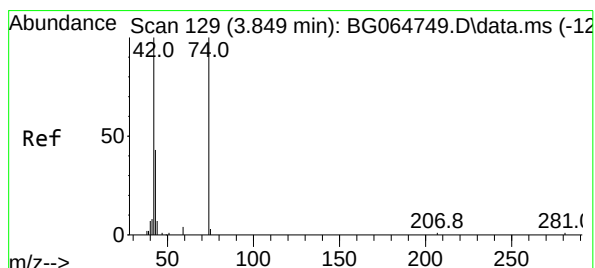
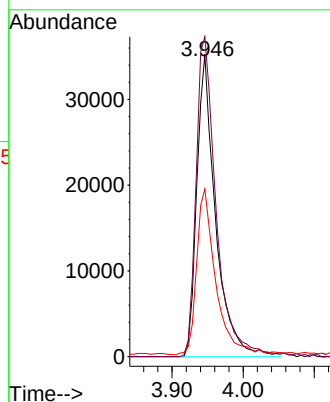
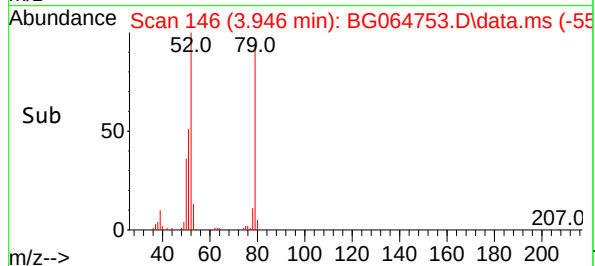
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion: 79 Resp: 64481
Ion Ratio Lower Upper
79 100
52 105.9 89.0 133.4
51 55.5 43.4 65.0

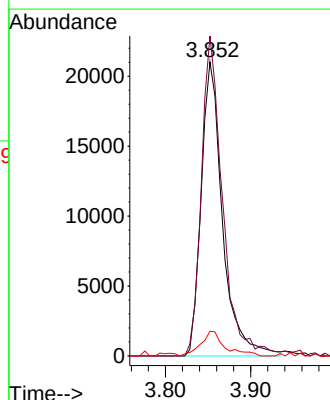
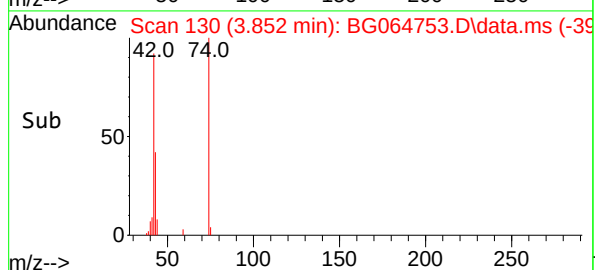
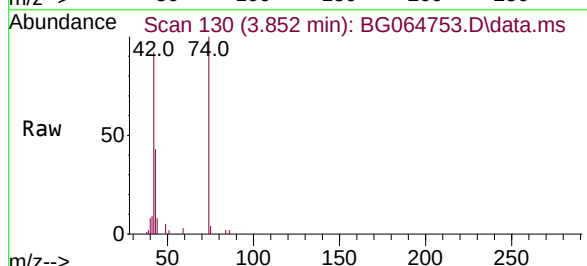
Manual Integrations
APPROVED

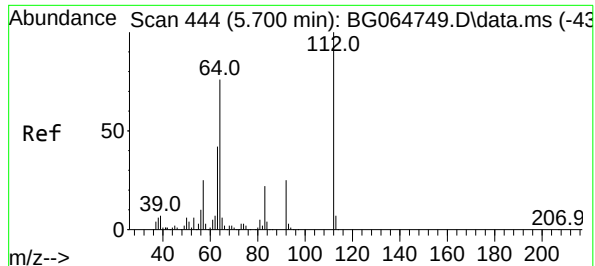
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 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

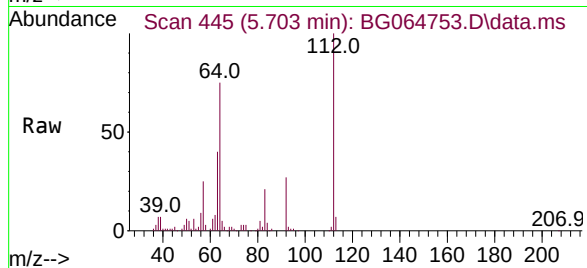
Tgt Ion: 42 Resp: 36442
Ion Ratio Lower Upper
42 100
74 108.9 79.8 119.6
44 8.4 5.9 8.9





#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

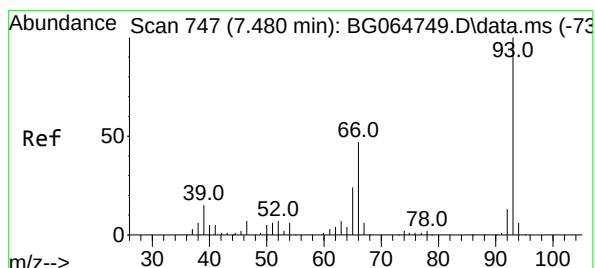
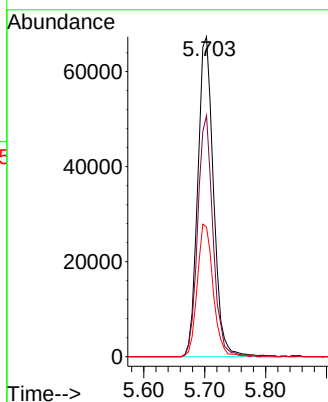
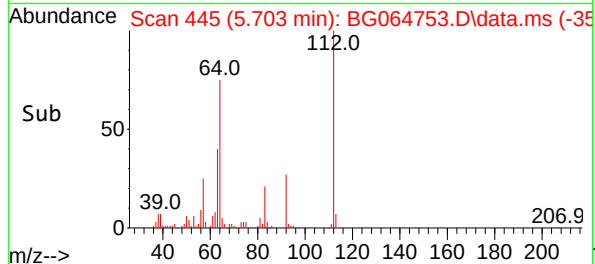
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

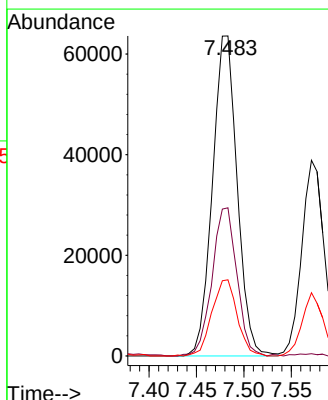
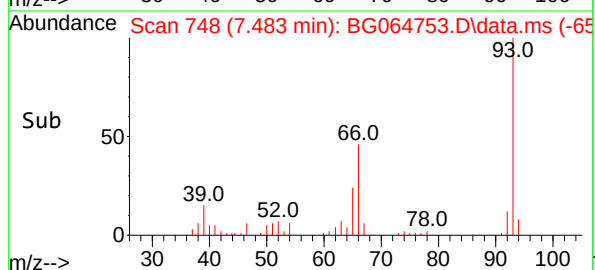
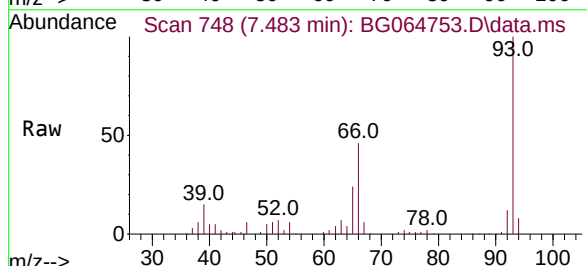
Manual Integrations
APPROVED

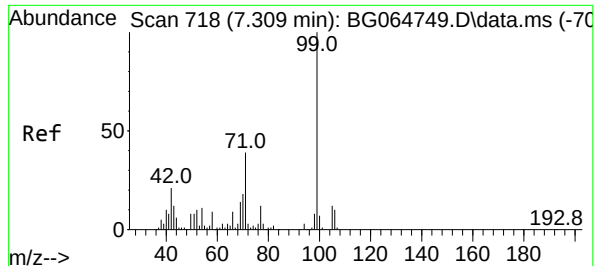
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

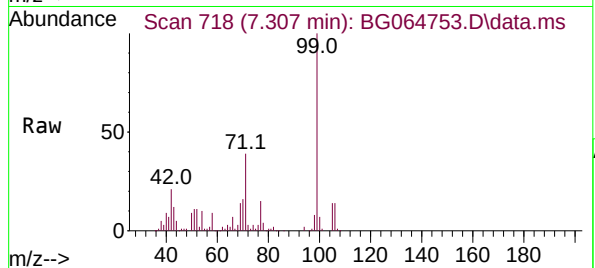
Tgt Ion: 93 Resp: 115393
Ion Ratio Lower Upper
93 100
66 46.3 37.7 56.5
65 23.8 19.1 28.7





#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

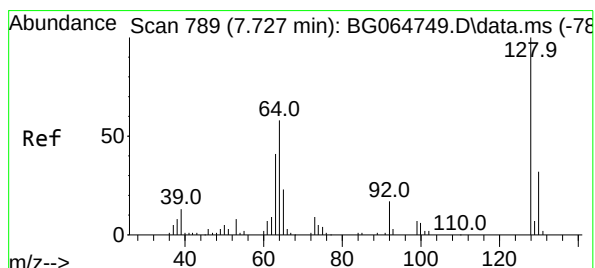
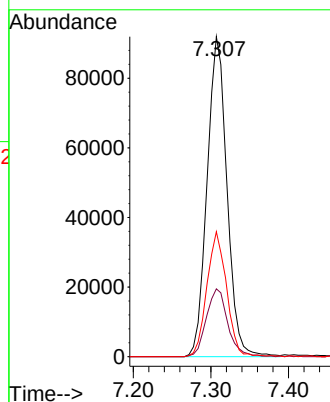
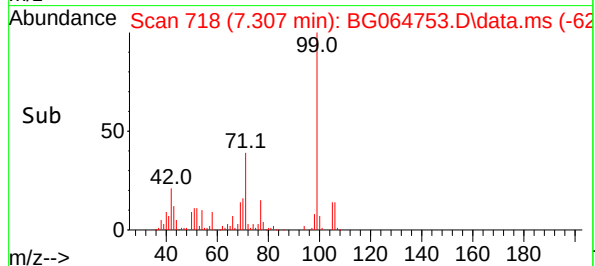
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



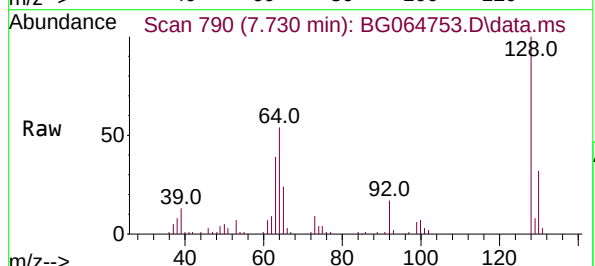
Tgt Ion: 99 Resp: 163728
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 39.0 31.1 46.7

Manual Integrations
APPROVED

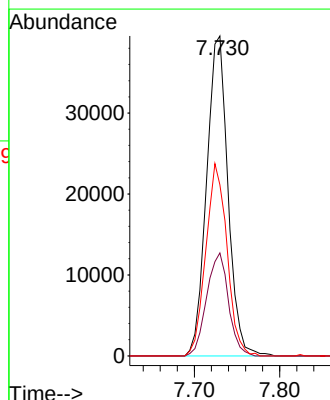
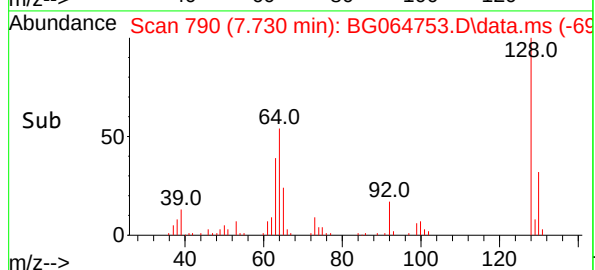
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

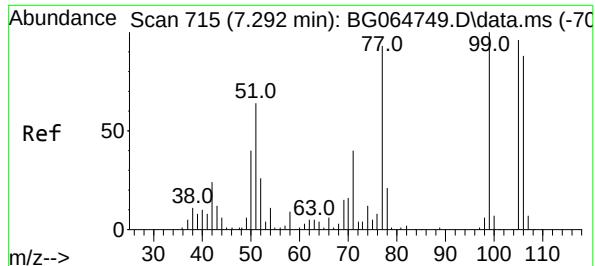


#8
2-Chlorophenol
Concen: 32.779 ng
RT: 7.730 min Scan# 790
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



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: 58482

Ion Ratio Lower Upper

77 100

105 90.6 83.8 123.8

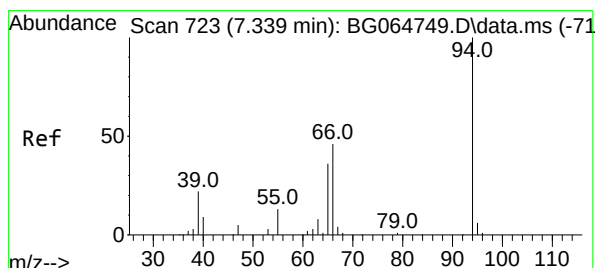
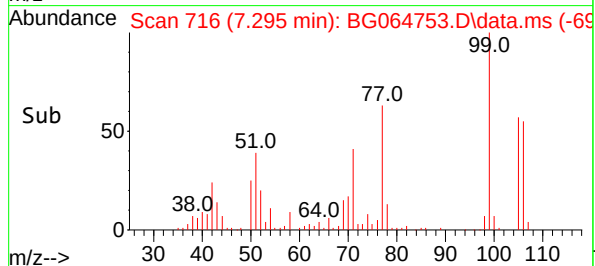
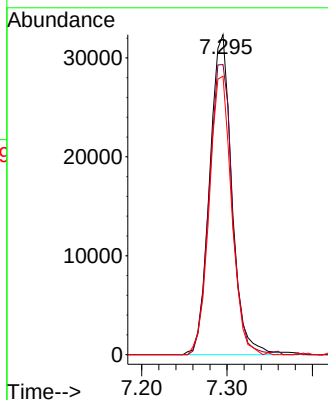
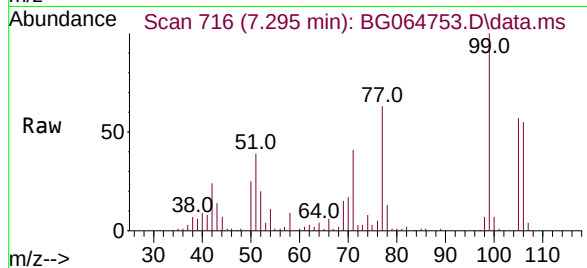
106 87.0 74.3 114.3

Manual Integrations

APPROVED

Reviewed 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

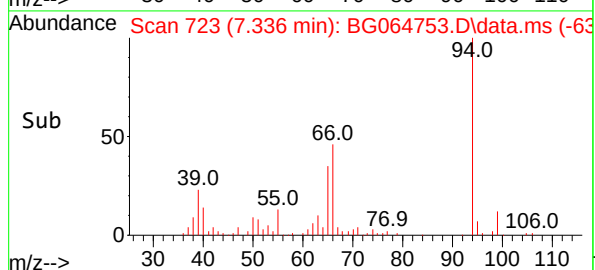
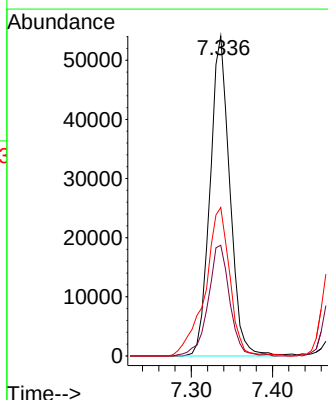
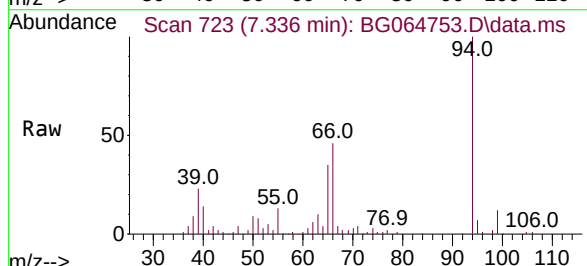
Tgt Ion: 94 Resp: 91069

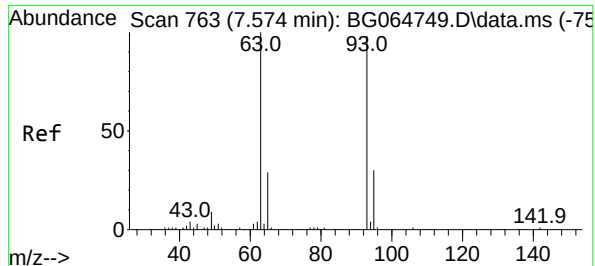
Ion Ratio Lower Upper

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# 763

Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

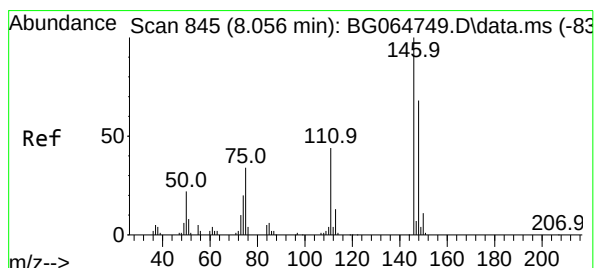
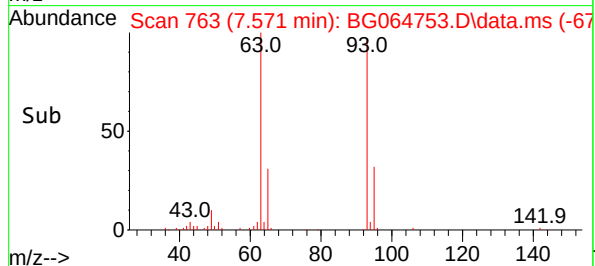
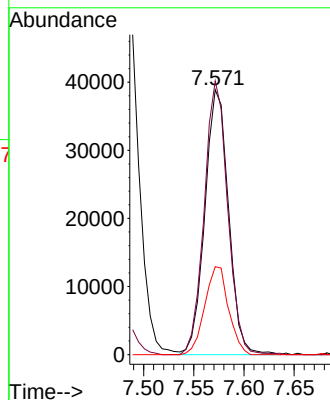
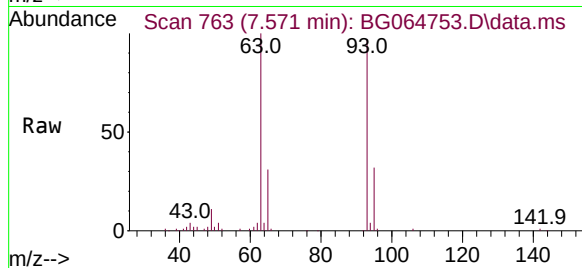
ICVBG111225

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

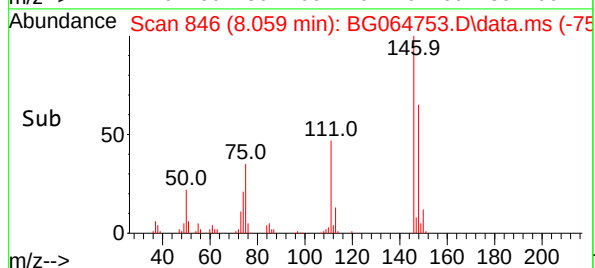
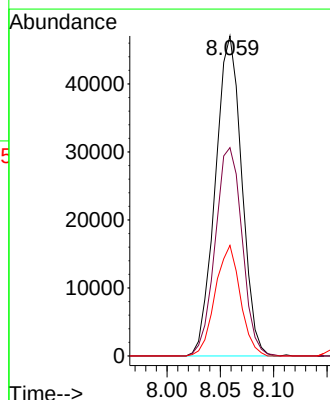
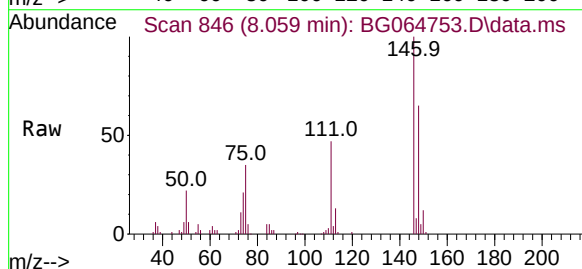
RT: 8.059 min Scan# 846

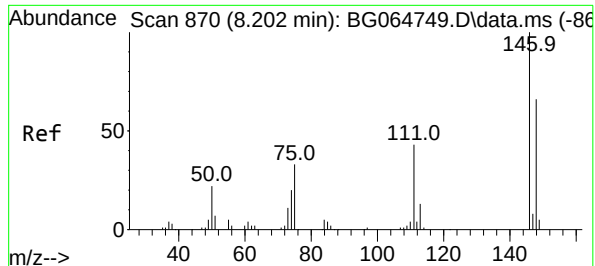
Delta R.T. 0.003 min

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# 81

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

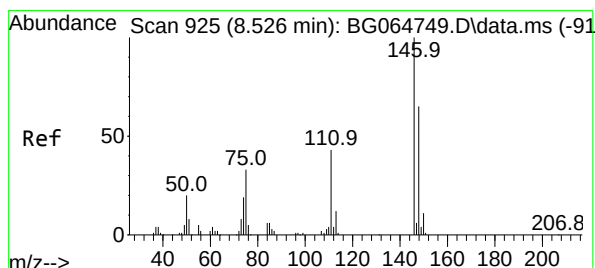
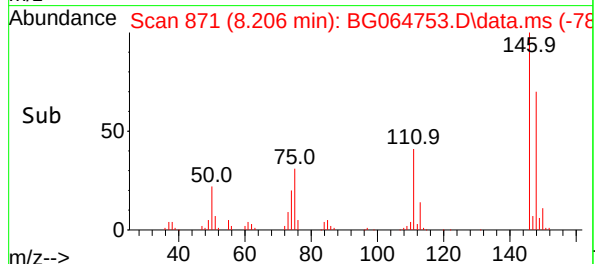
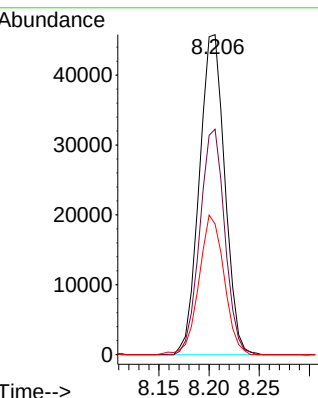
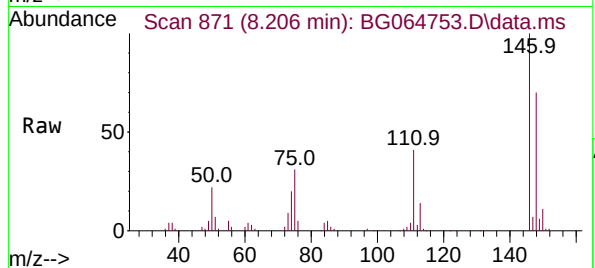
111 40.8 34.1 51.1

Manual Integrations

APPROVED

Reviewed 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

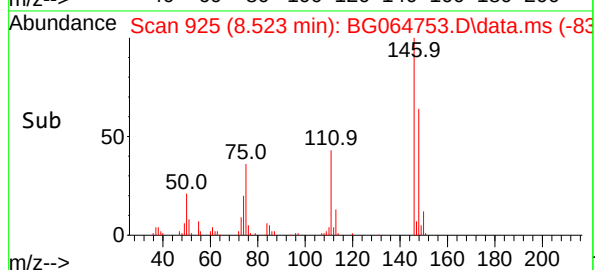
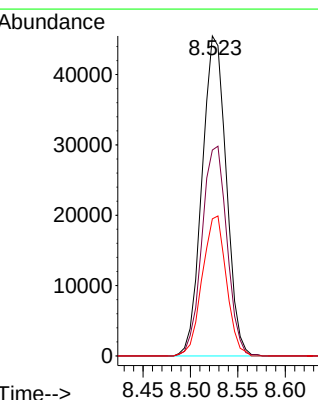
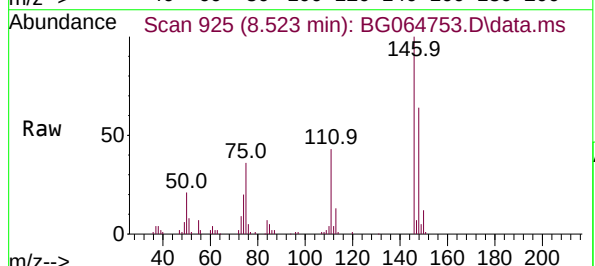
Tgt Ion:146 Resp: 80788

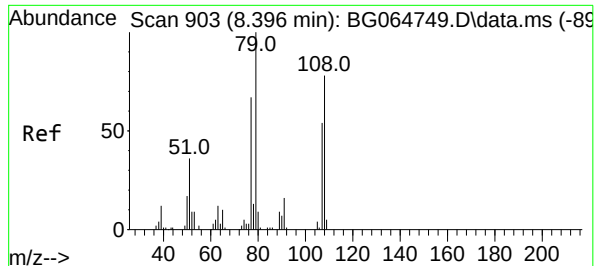
Ion Ratio Lower Upper

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

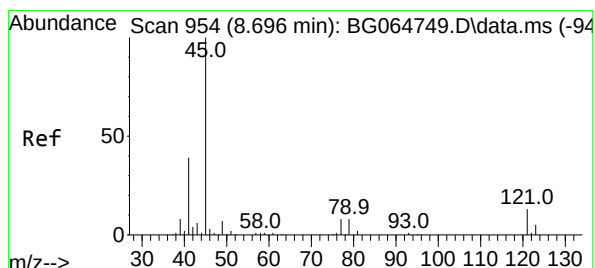
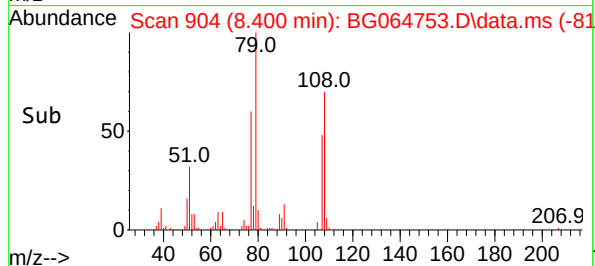
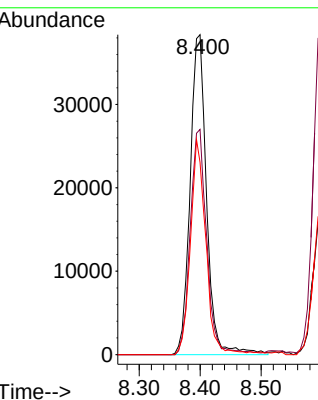
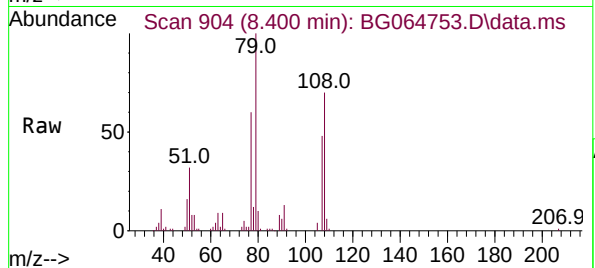
77 60.1 53.5 80.3

Manual Integrations

APPROVED

Reviewed 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

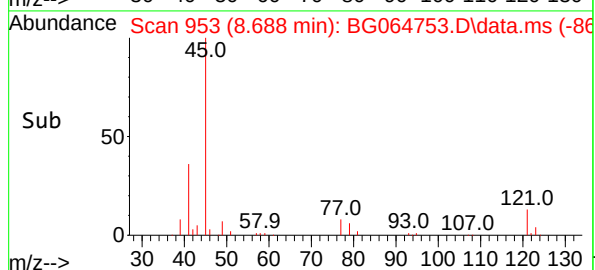
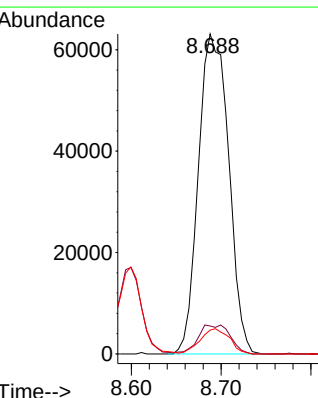
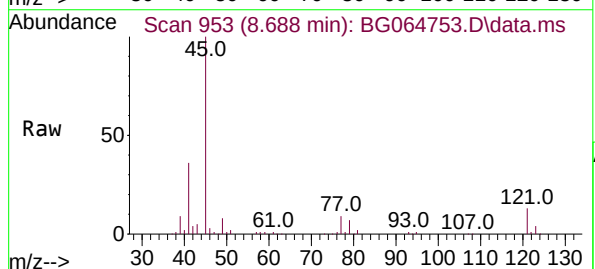
Tgt Ion: 45 Resp: 148081

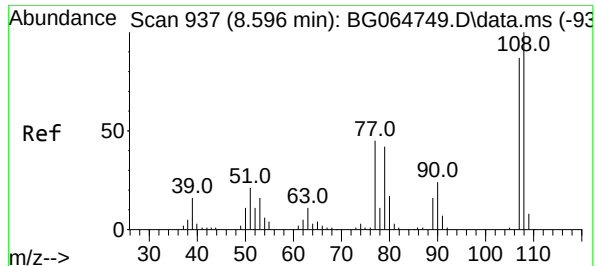
Ion Ratio Lower Upper

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 :

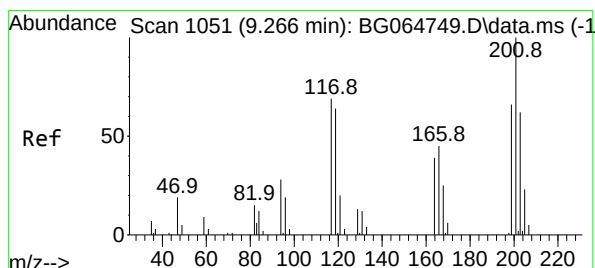
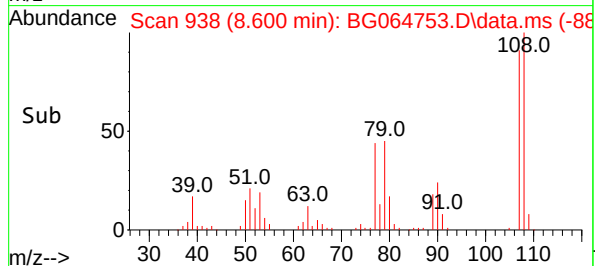
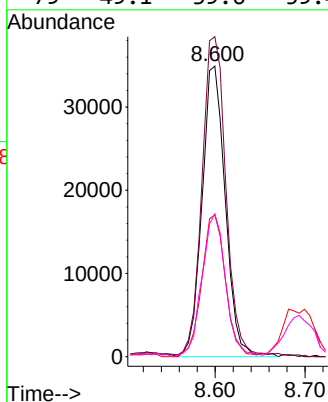
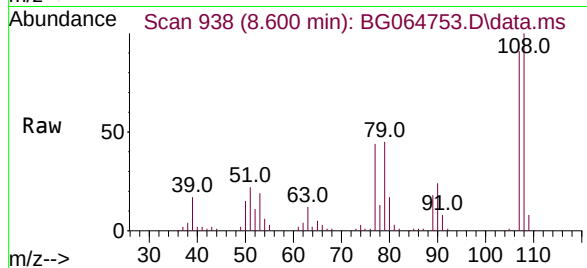
ICVBG111225

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

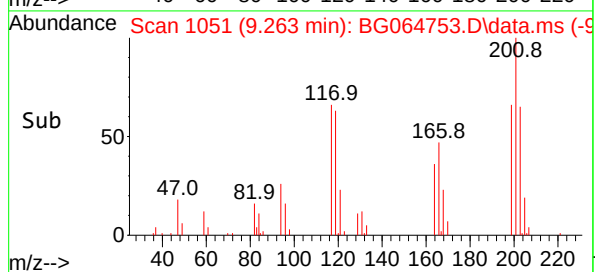
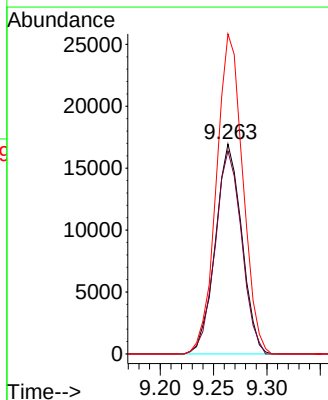
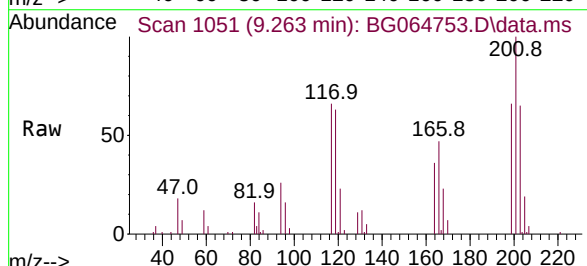
RT: 9.263 min Scan# 1051

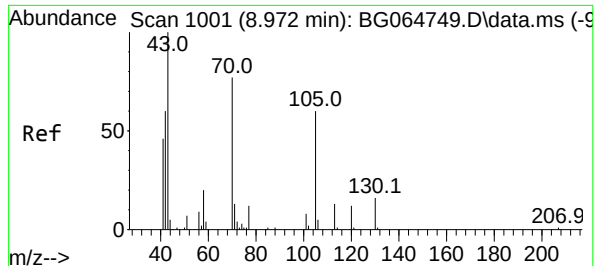
Delta R.T. -0.002 min

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# 10

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

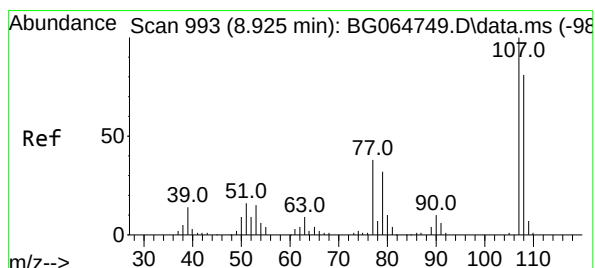
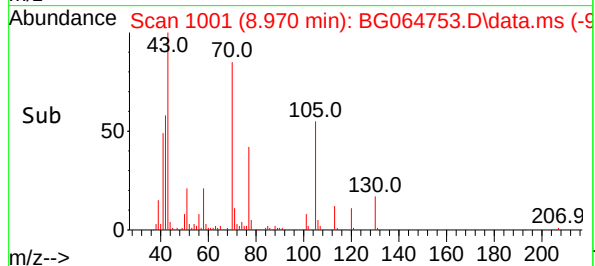
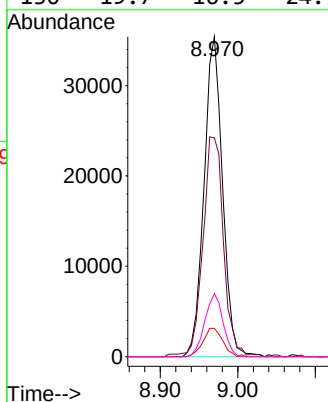
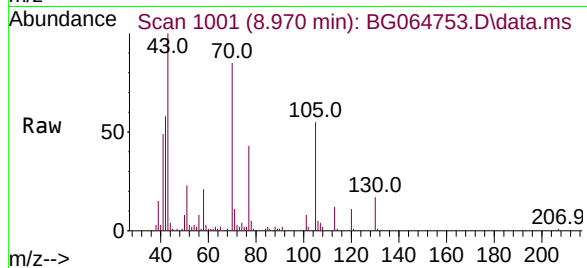
130 19.7 16.5 24.7

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

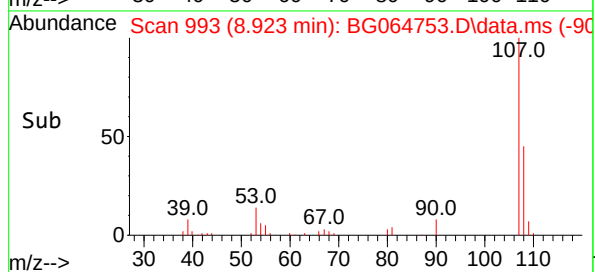
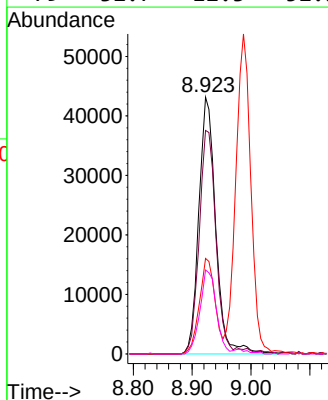
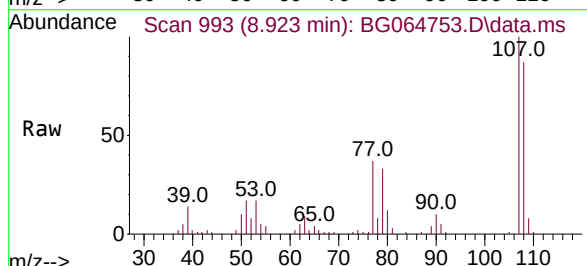
Ion Ratio Lower Upper

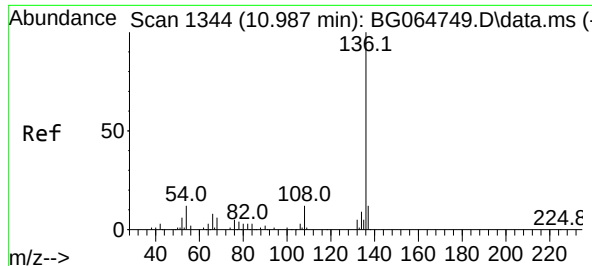
107 100

108 87.0 61.0 101.0

77 37.2 17.6 57.6

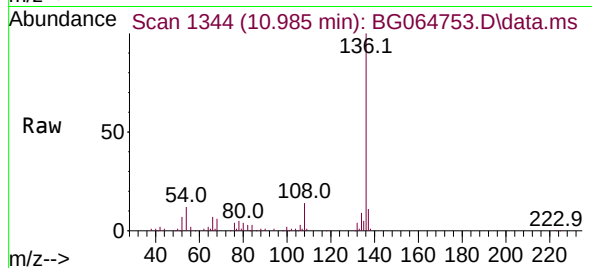
79 32.7 12.3 52.3





#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

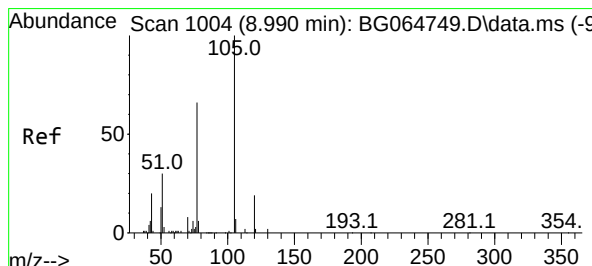
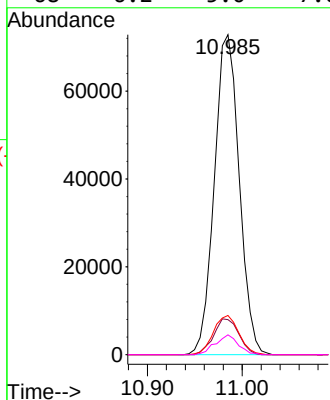
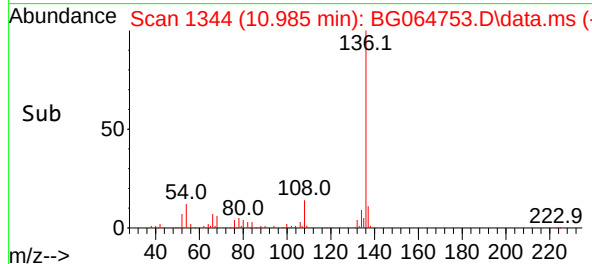
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:136 Resp: 132747
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

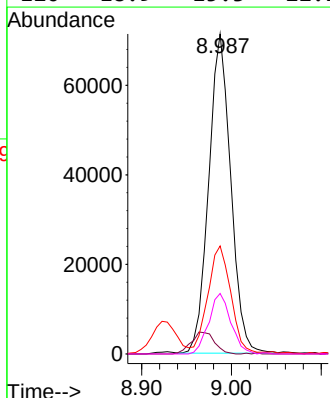
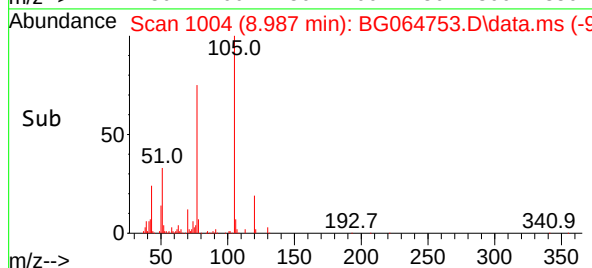
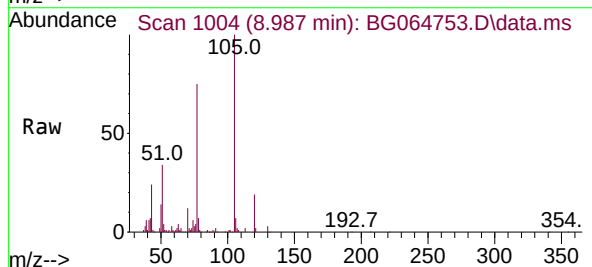
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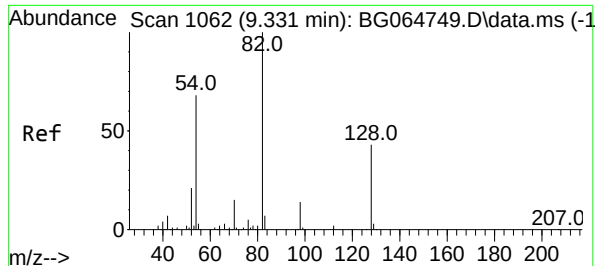
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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:105 Resp: 122146
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

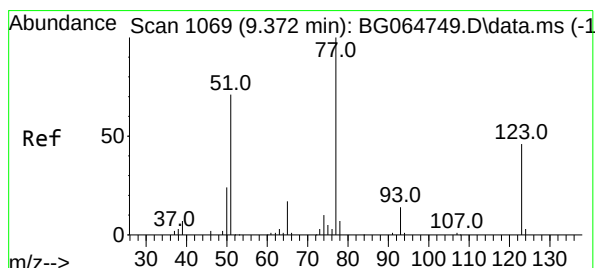
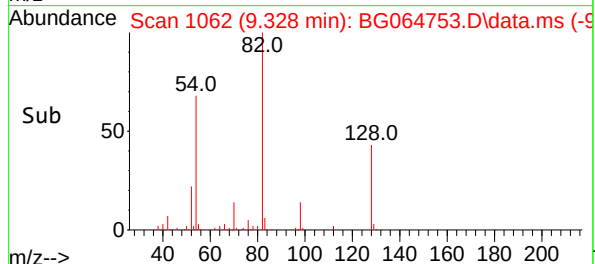
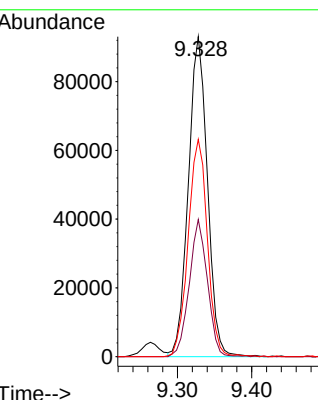
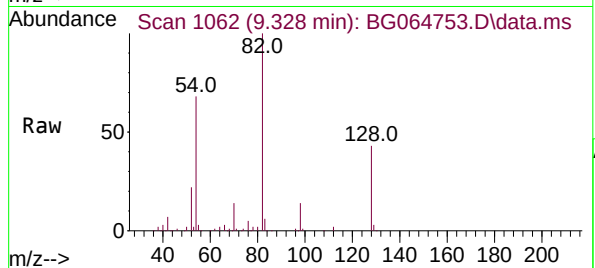
54 67.9 54.3 81.5

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

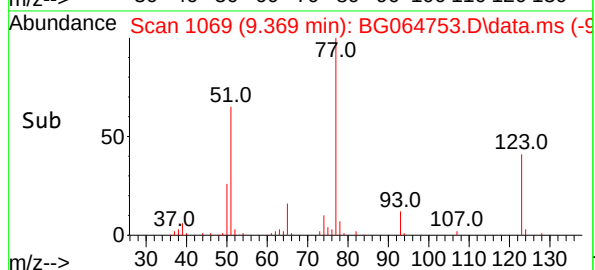
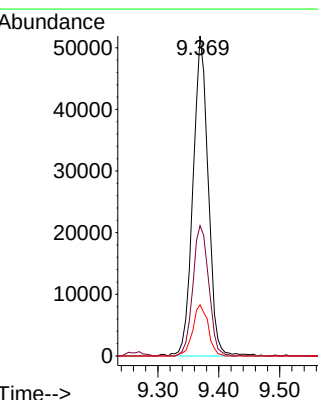
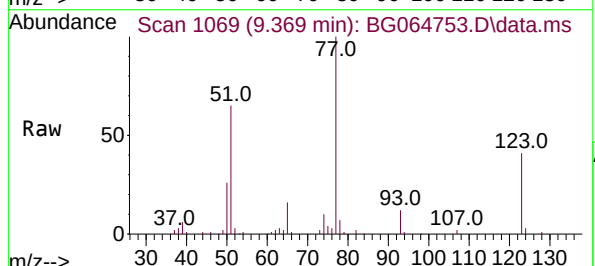
Tgt Ion: 77 Resp: 89962

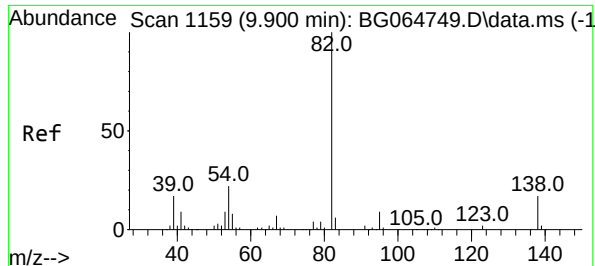
Ion Ratio Lower Upper

77 100

123 40.7 36.5 54.7

65 16.0 13.5 20.3





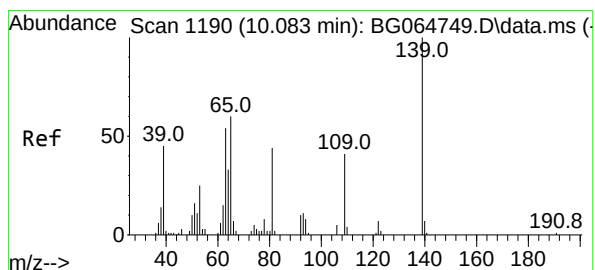
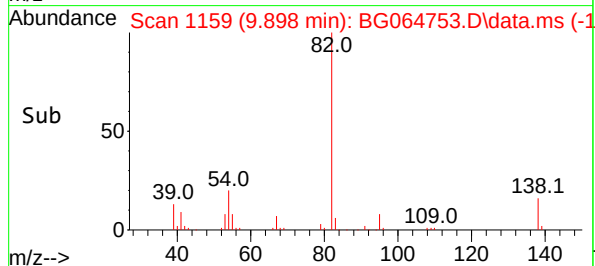
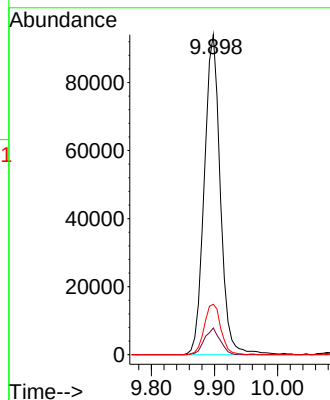
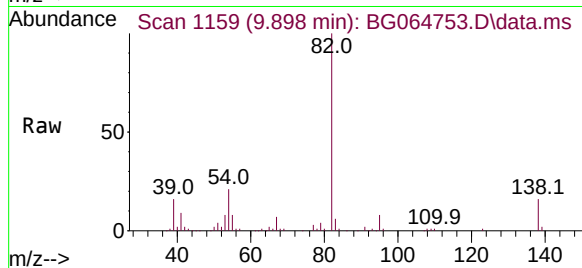
#25
Isophorone
Concen: 32.368 ng
RT: 9.898 min Scan# 1159
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

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

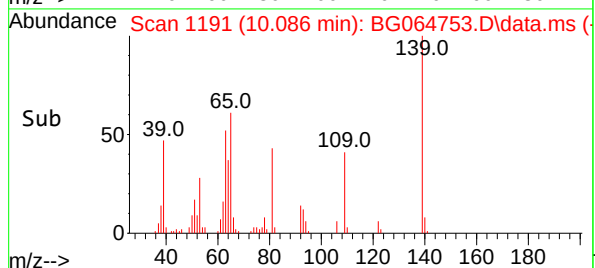
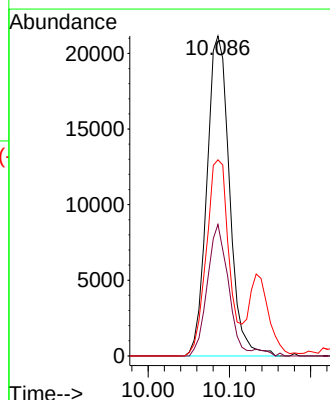
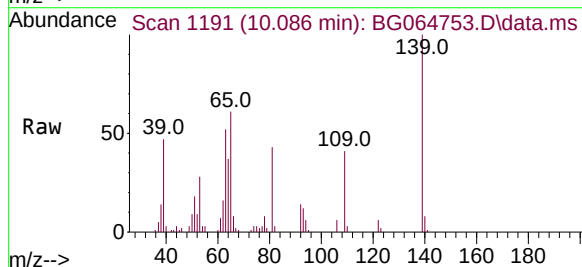
Manual Integrations
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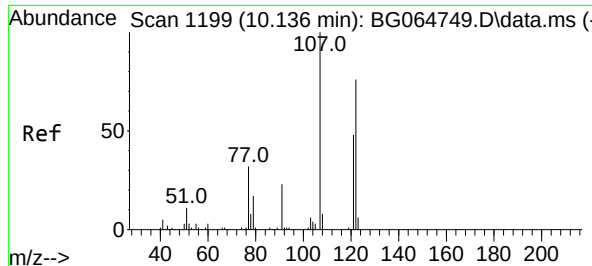
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

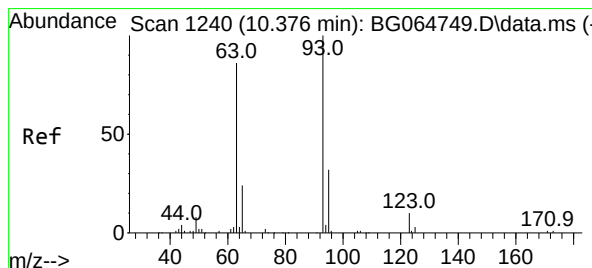
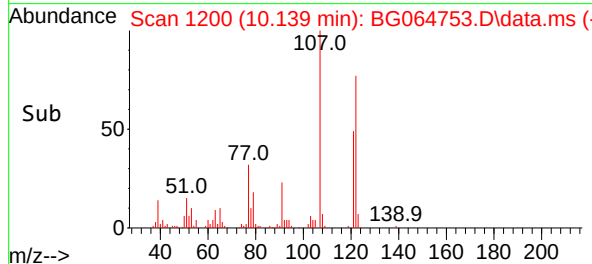
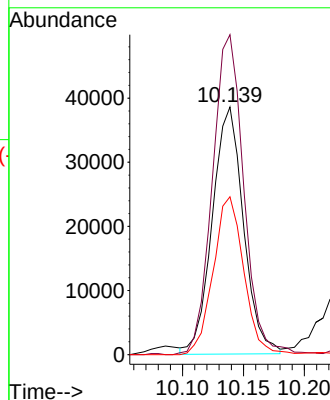
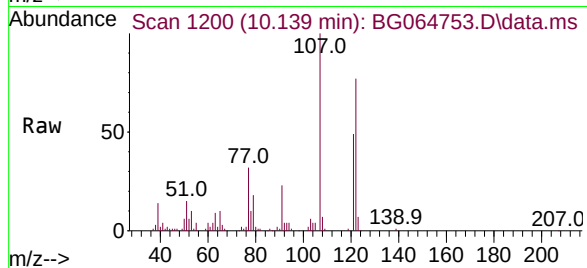
121 63.8 49.0 73.6

Manual Integrations

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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

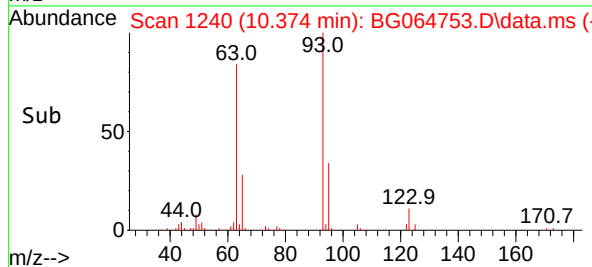
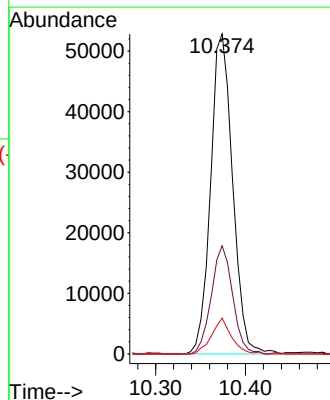
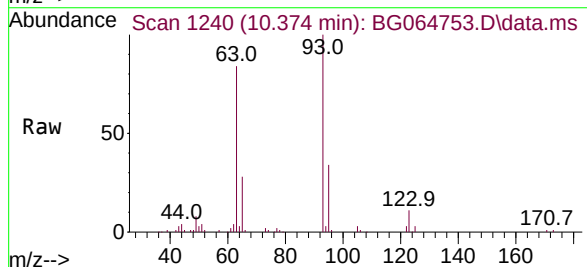
Tgt Ion: 93 Resp: 90243

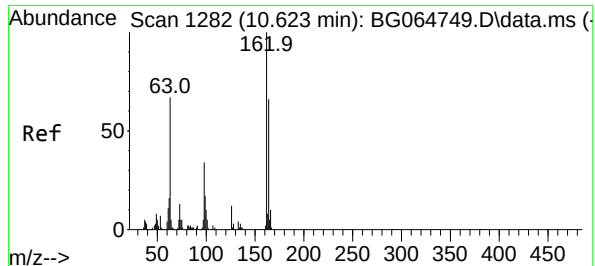
Ion Ratio Lower Upper

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

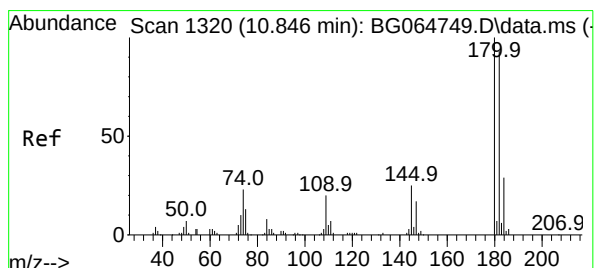
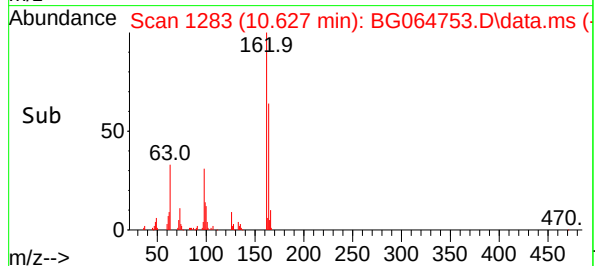
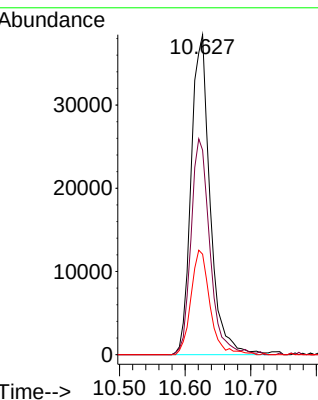
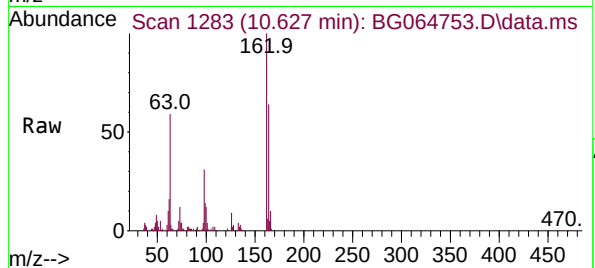
98 31.4 14.2 54.2

Manual Integrations

APPROVED

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

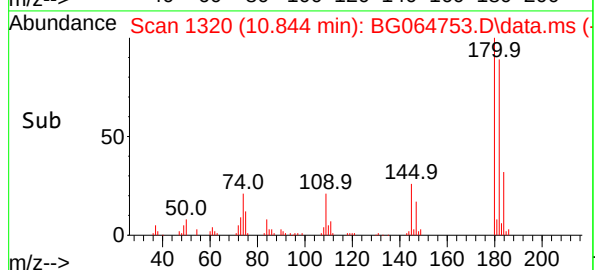
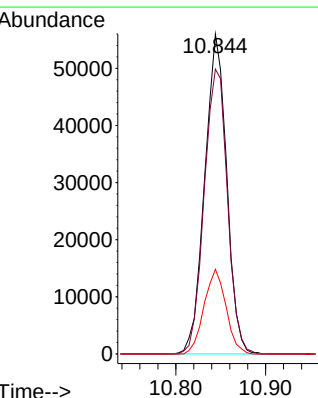
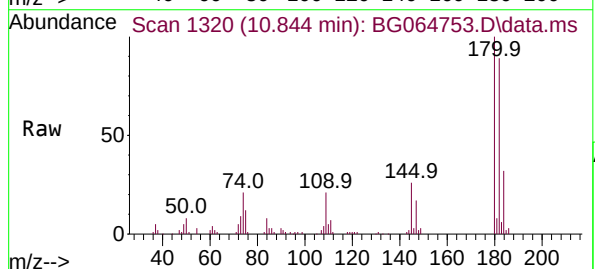
Tgt Ion:180 Resp: 95519

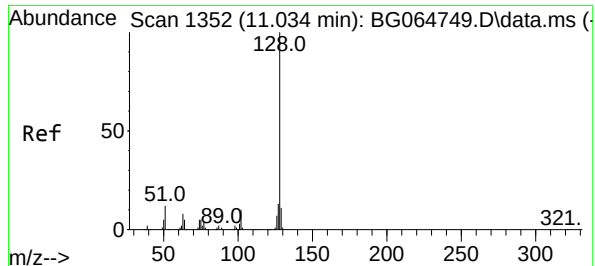
Ion Ratio Lower Upper

180 100

182 89.0 74.2 111.4

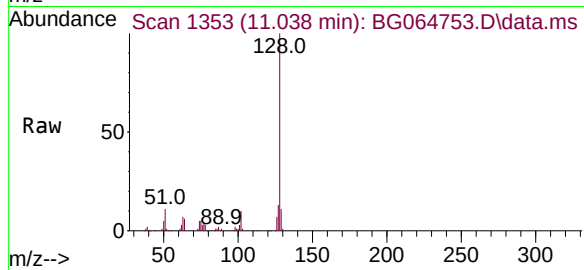
145 26.4 20.0 30.0





#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

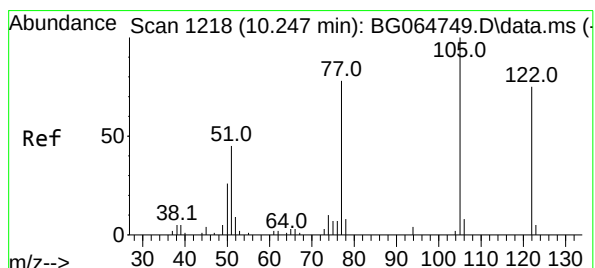
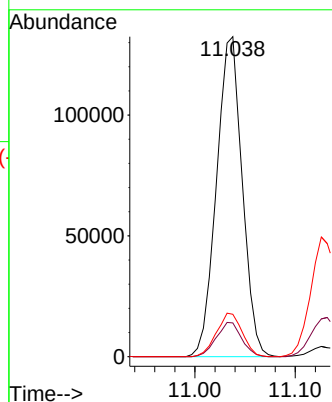
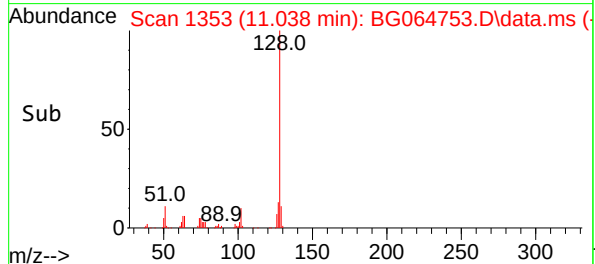
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

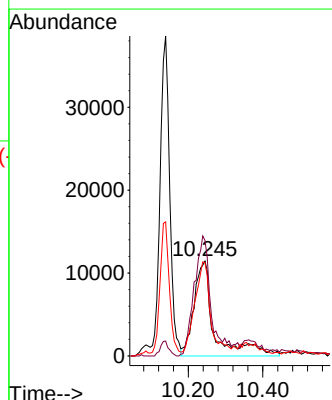
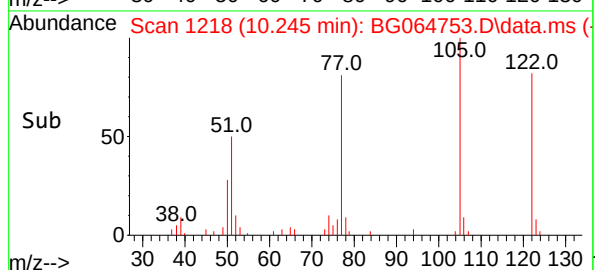
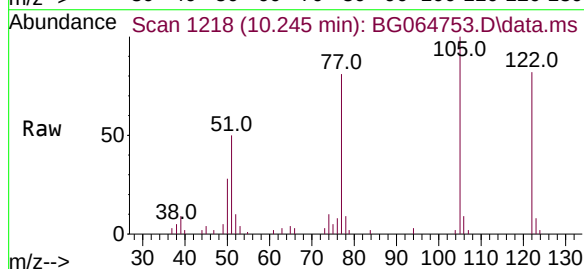
Manual Integrations
APPROVED

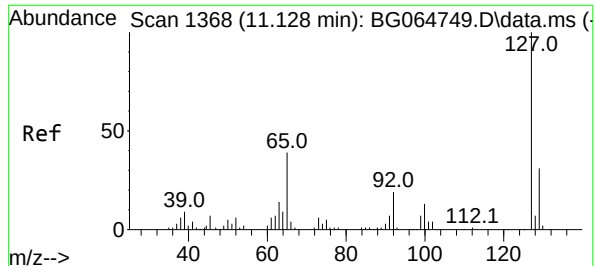
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

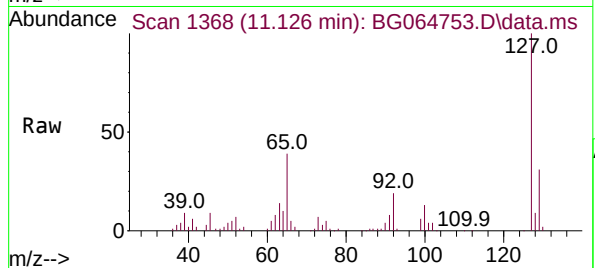
Tgt Ion:122 Resp: 43241
Ion Ratio Lower Upper
122 100
105 121.7 107.6 147.6
77 98.4 82.5 122.5





#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

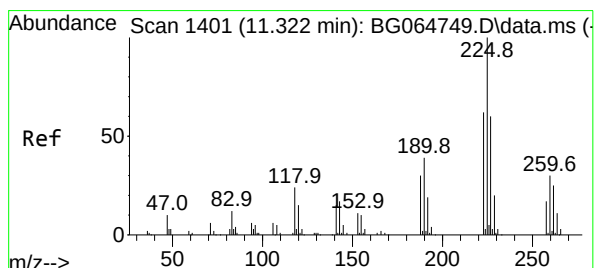
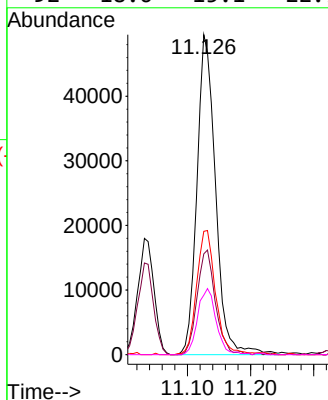
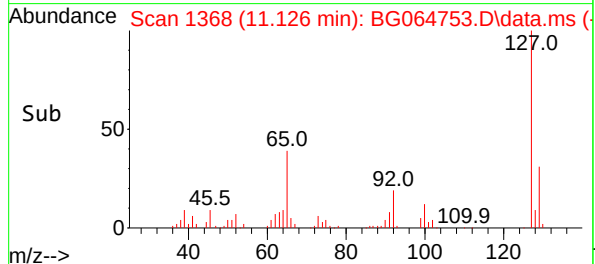
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



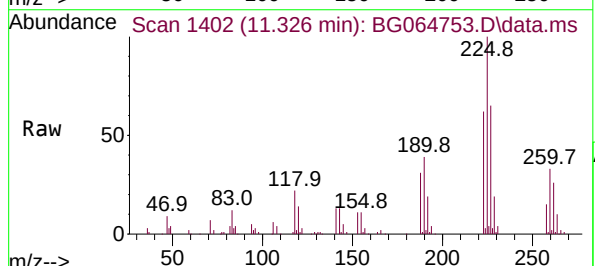
Tgt Ion:127 Resp: 101262
Ion Ratio Lower Upper
127 100
129 31.5 24.9 37.3
65 38.5 30.9 46.3
92 18.6 15.1 22.7

Manual Integrations
APPROVED

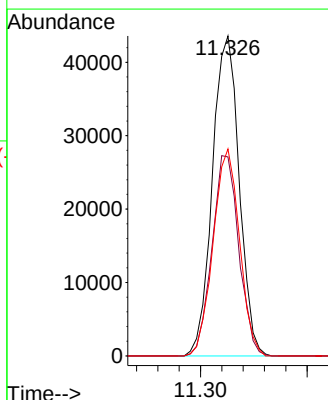
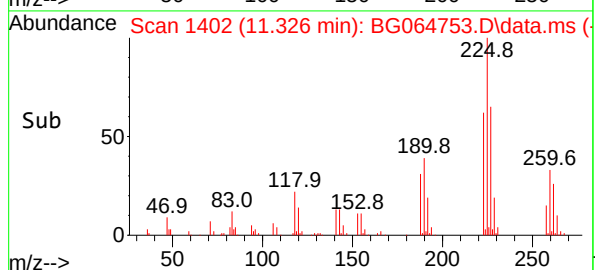
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

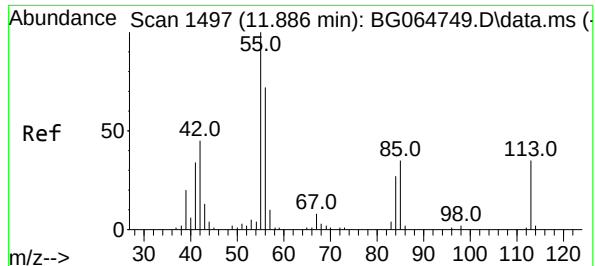


#34
Hexachlorobutadiene
Concen: 31.513 ng
RT: 11.326 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



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 :

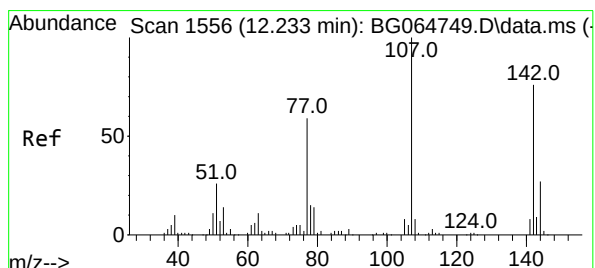
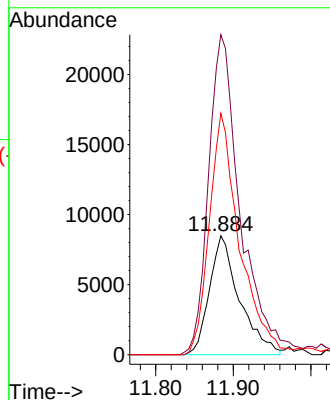
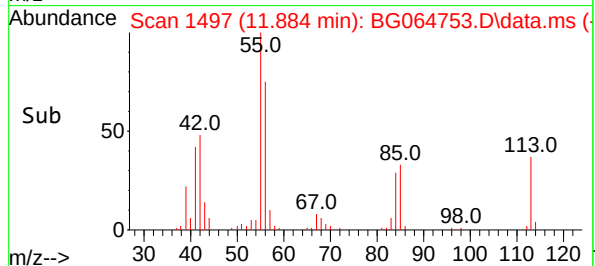
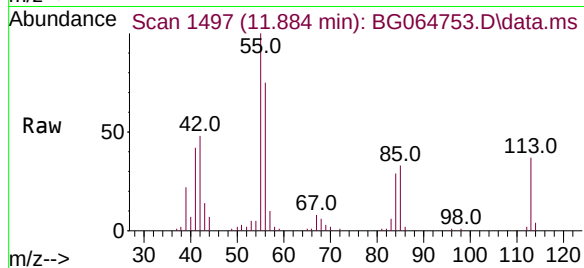
ICVBG111225

Tgt Ion	Ratio	Lower	Upper
113	100		
55	269.5	263.7	303.7
56	203.1	184.0	224.0

Manual Integrations

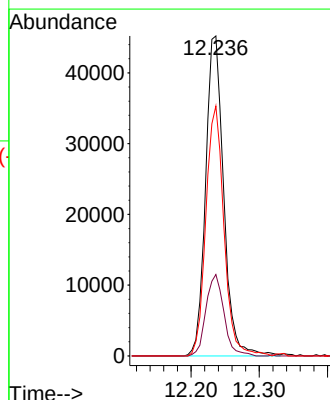
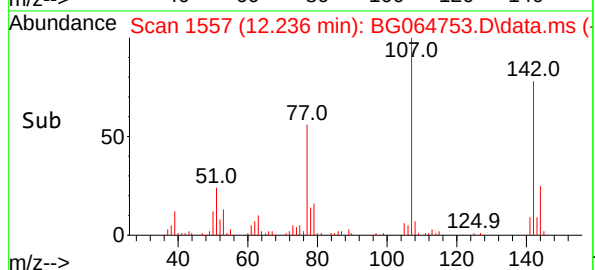
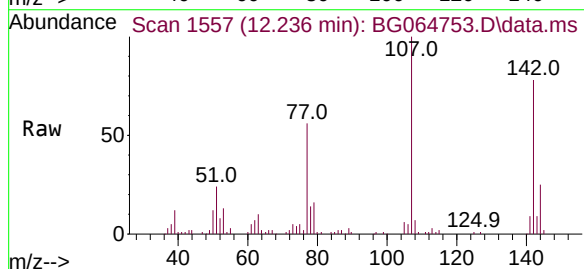
APPROVED

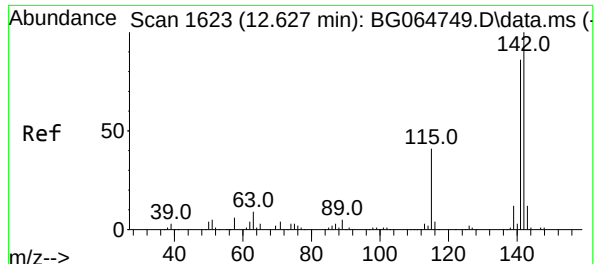
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

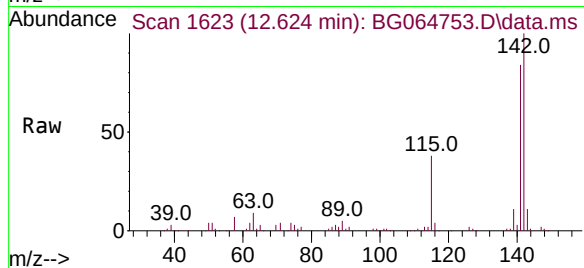
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	21.7	32.5
142	78.1	60.8	91.2





#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

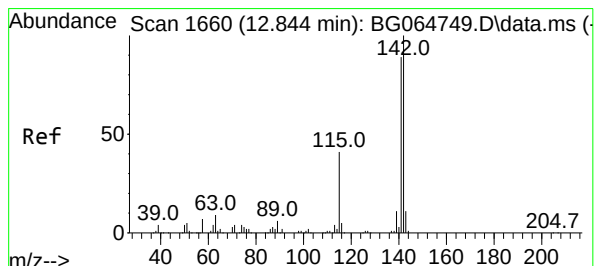
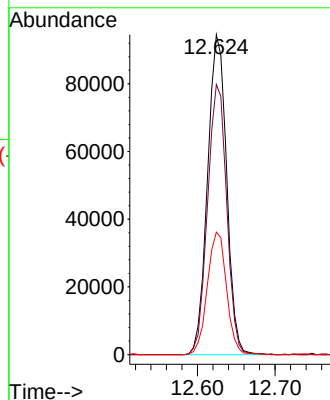
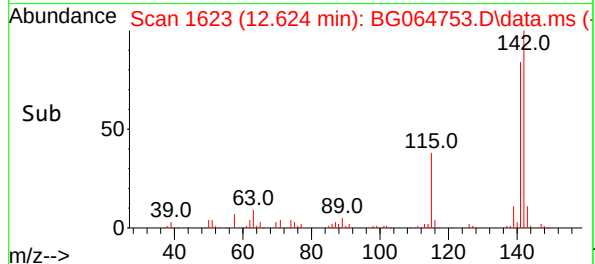
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



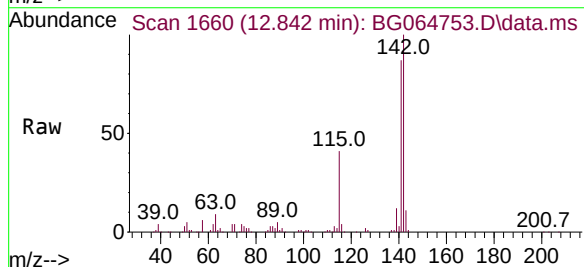
Tgt Ion:142 Resp: 16112
Ion Ratio Lower Upper
142 100
141 84.4 69.1 103.7
115 38.3 32.9 49.3

Manual Integrations
APPROVED

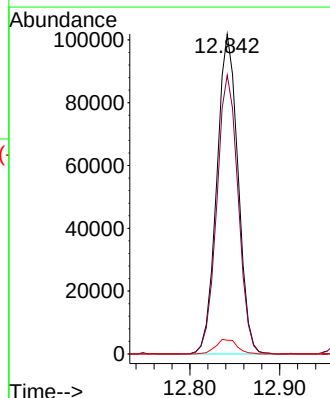
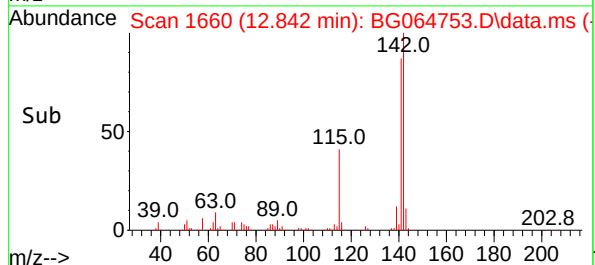
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

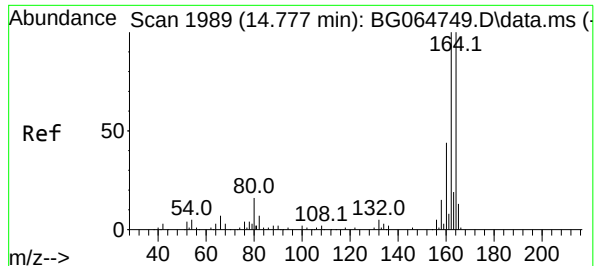


#38
1-Methylnaphthalene
Concen: 30.038 ng
RT: 12.842 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



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





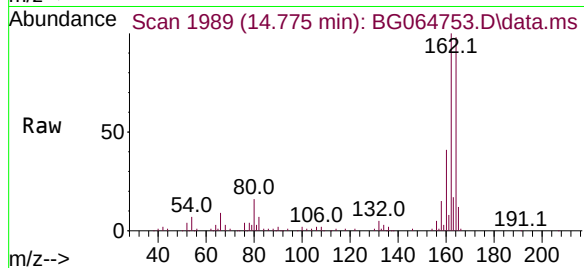
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

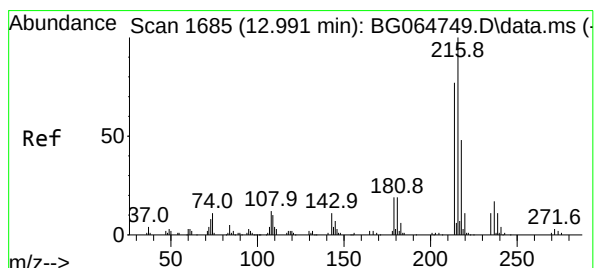
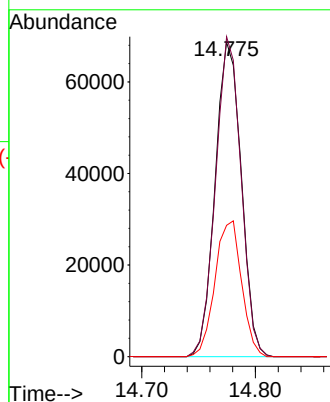
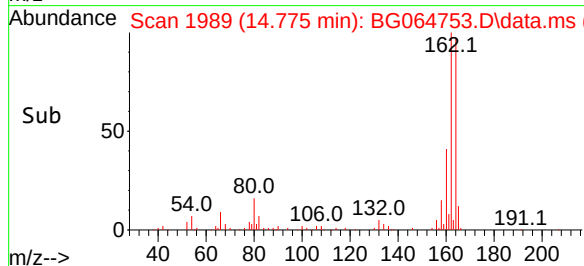


Tgt Ion:164 Resp: 109409
Ion Ratio Lower Upper
164 100
162 101.7 79.8 119.6
160 41.7 34.9 52.3

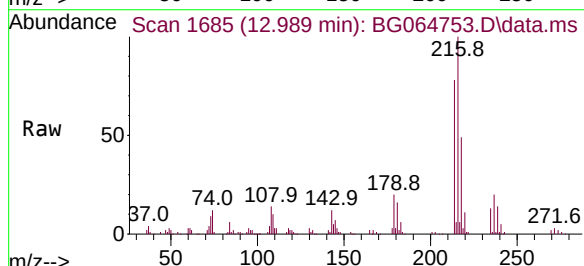
Manual Integrations

APPROVED

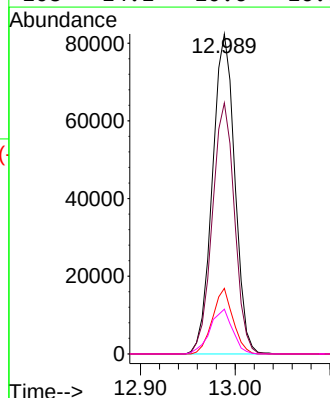
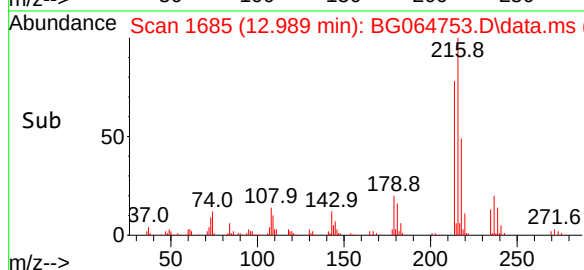
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

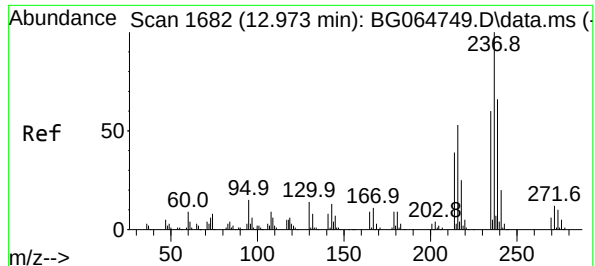


#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.686 ng
RT: 12.989 min Scan# 1685
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



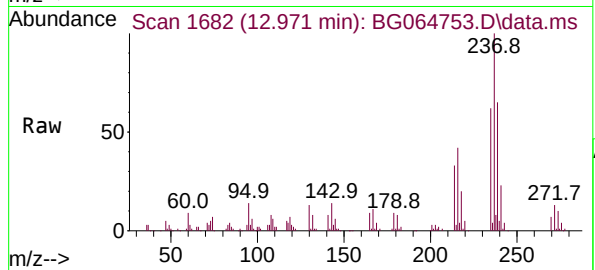
Tgt Ion:216 Resp: 134917
Ion Ratio Lower Upper
216 100
214 77.8 60.5 90.7
179 18.8 14.7 22.1
108 14.1 10.6 16.0





#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

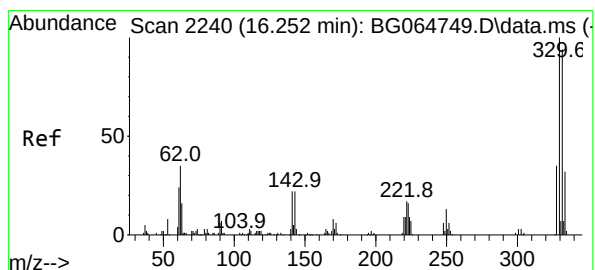
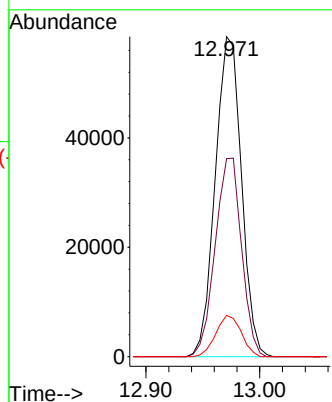
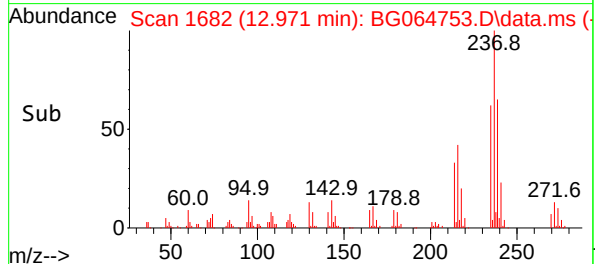
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

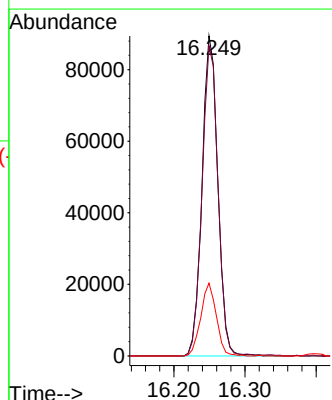
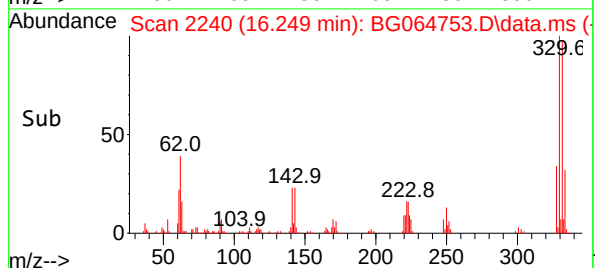
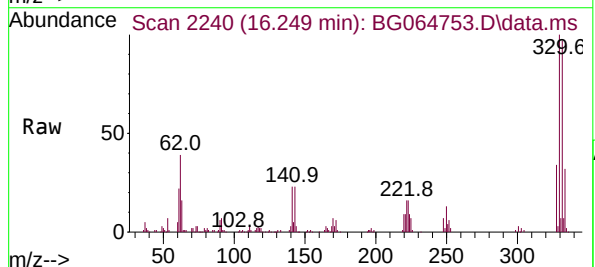
Manual Integrations
APPROVED

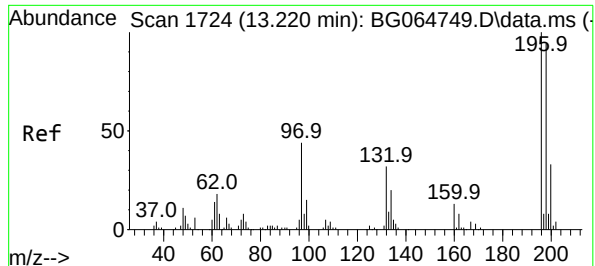
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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 :

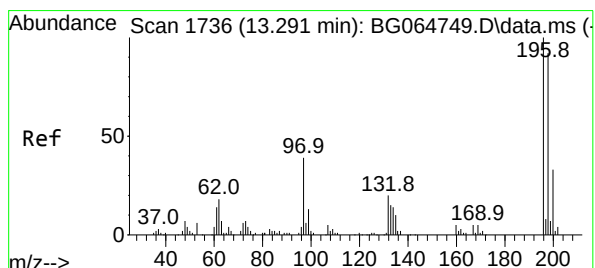
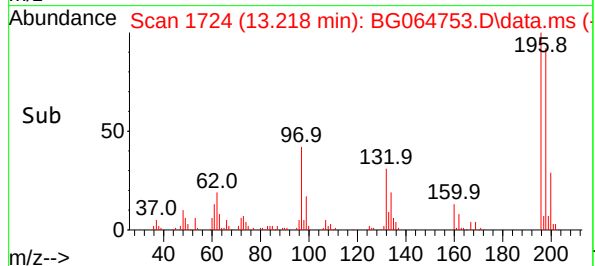
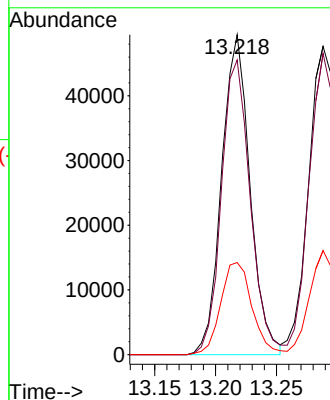
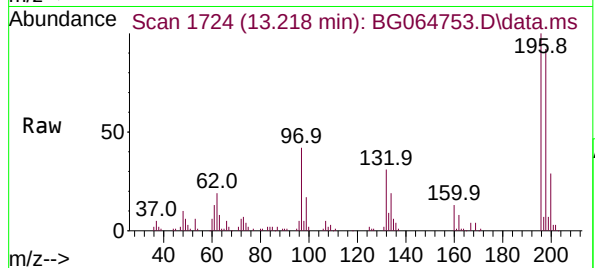
ICVBG111225

Tgt Ion:	196	Resp:	80062
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

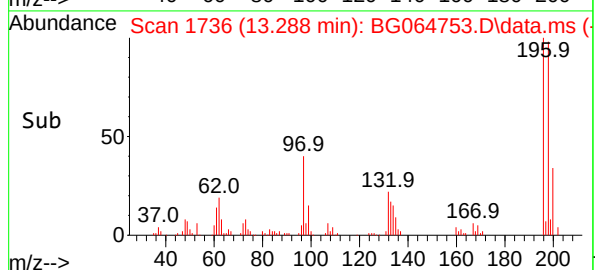
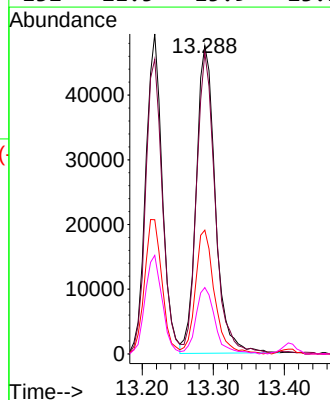
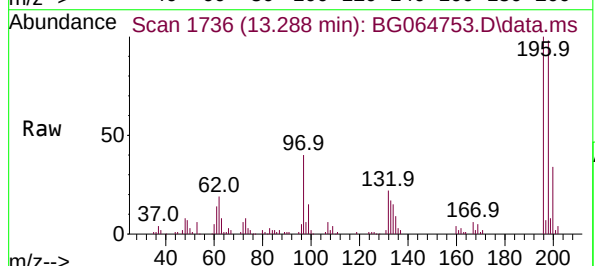
RT: 13.288 min Scan# 1736

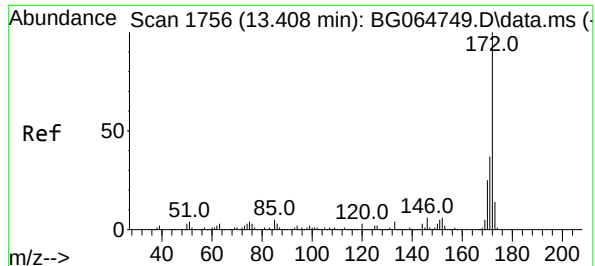
Delta R.T. -0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

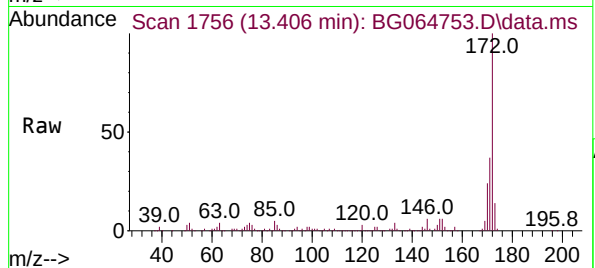
Tgt Ion:	196	Resp:	88366
Ion Ratio	Lower	Upper	
196	100		
198	97.7	73.2	109.8
97	40.2	31.4	47.0
132	21.5	15.9	23.9





#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

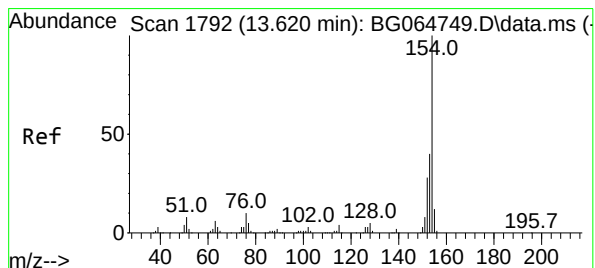
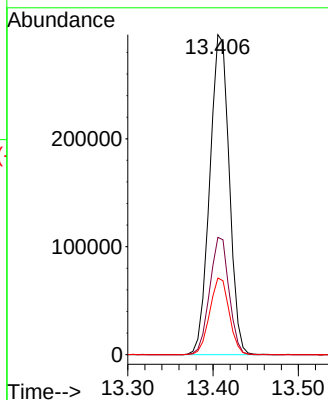
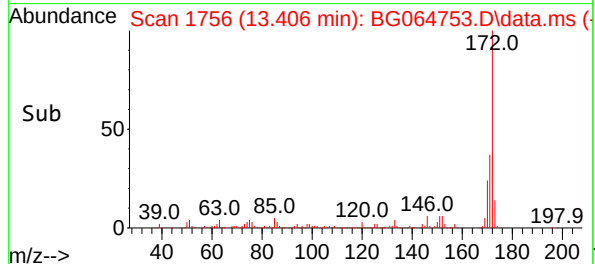
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

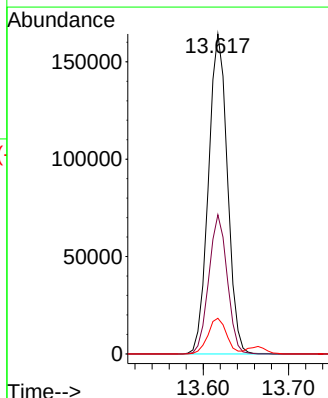
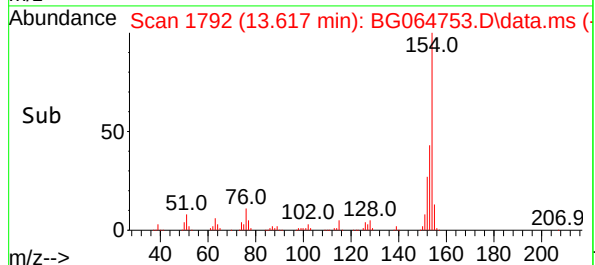
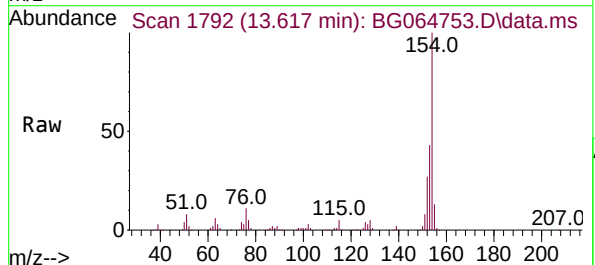
Manual Integrations
APPROVED

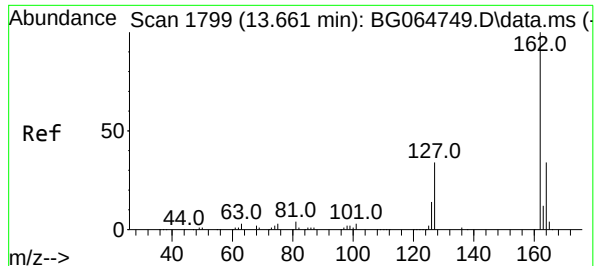
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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





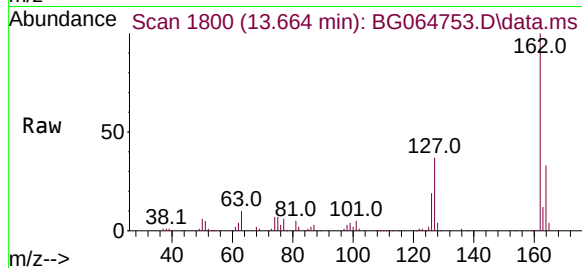
#47
2-Chloronaphthalene
Concen: 31.173 ng
RT: 13.664 min Scan# 1799
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

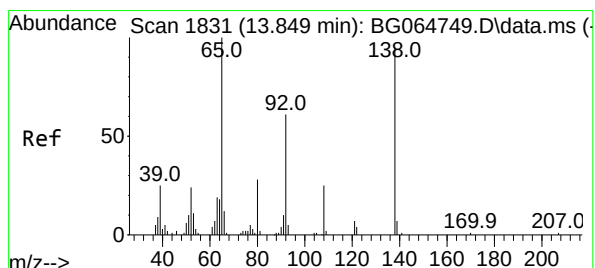
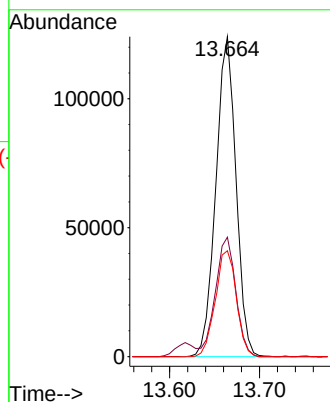
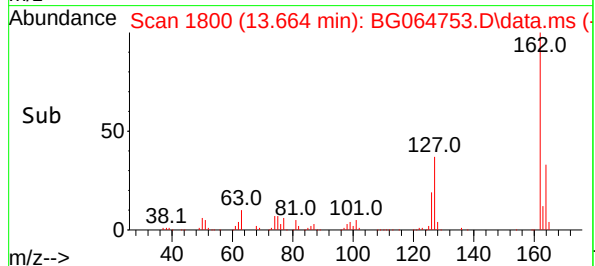


Tgt Ion:162 Resp: 192989
Ion Ratio Lower Upper
162 100
127 37.4 30.3 45.5
164 33.1 26.8 40.2

Manual Integrations

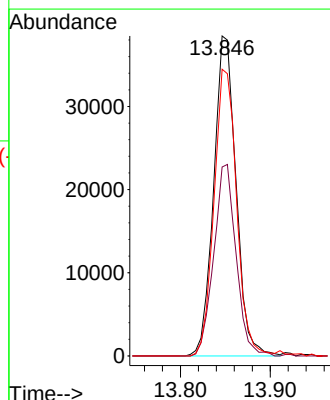
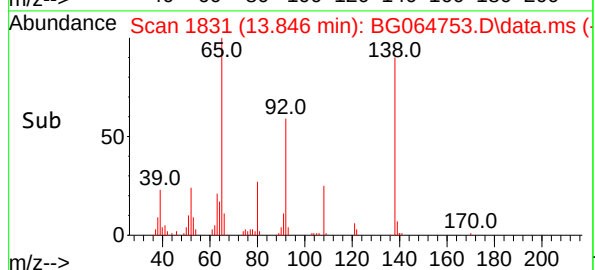
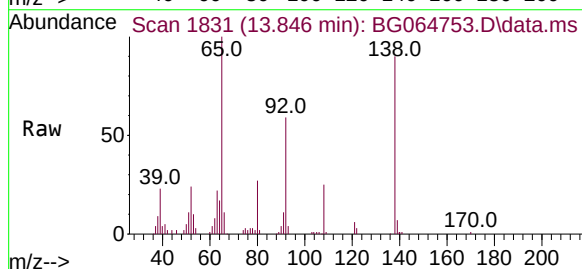
APPROVED

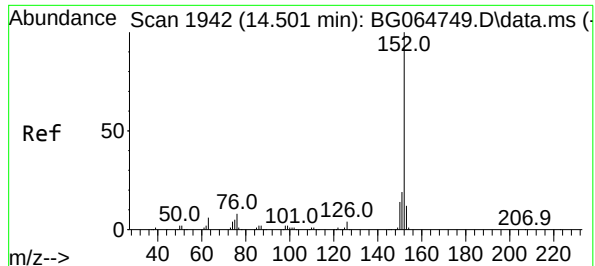
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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# 1943

Delta R.T. 0.003 min

Lab File: BG064753.D

Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

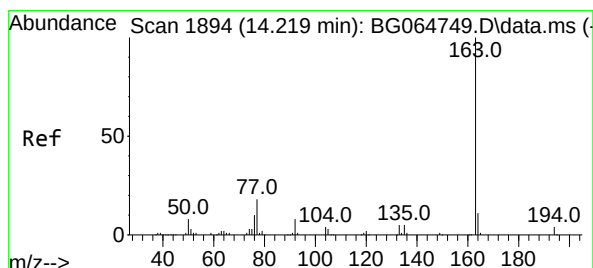
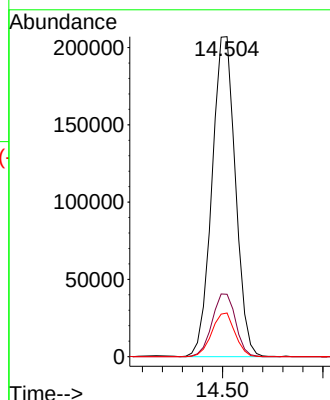
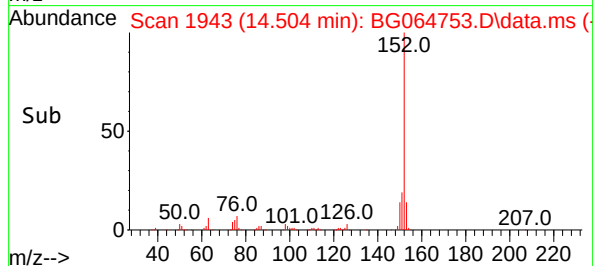
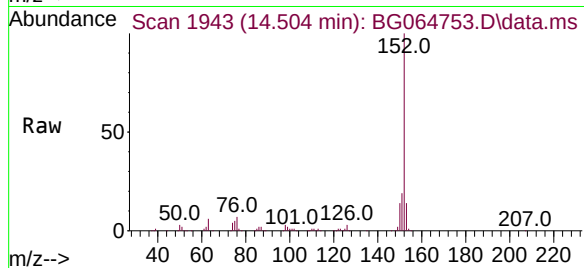
ICVBG111225

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

APPROVED

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



#50

Dimethylphthalate

Concen: 31.689 ng

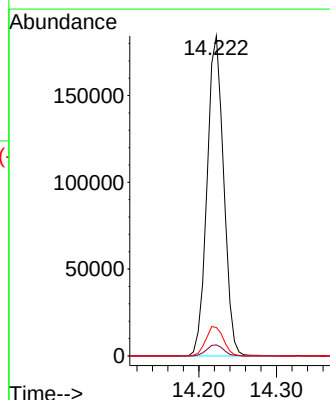
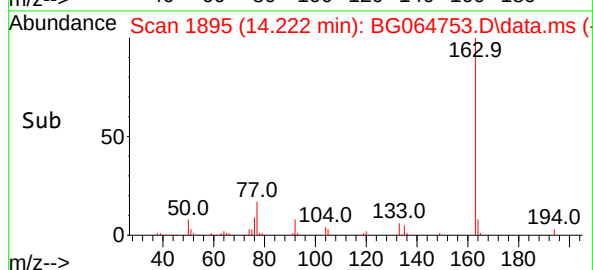
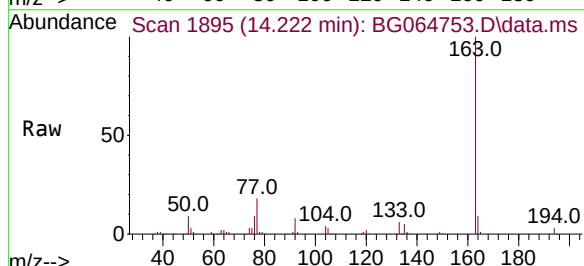
RT: 14.222 min Scan# 1895

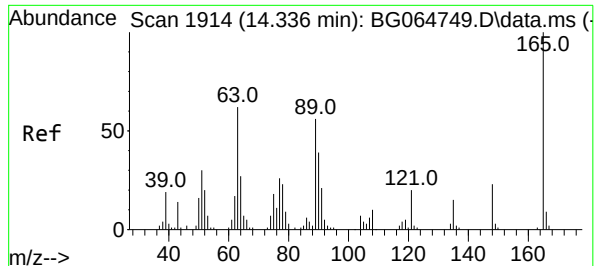
Delta R.T. 0.003 min

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





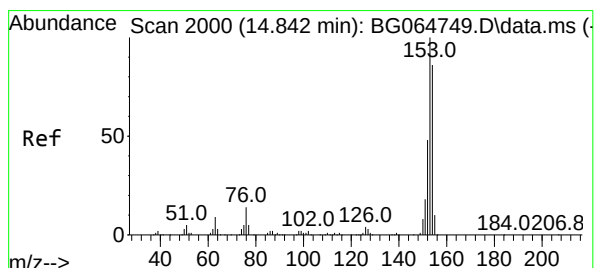
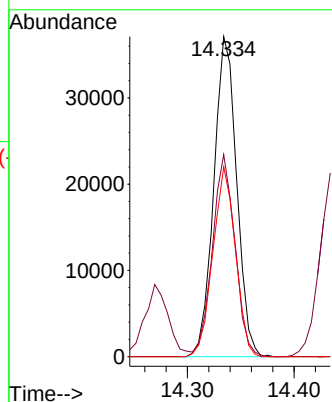
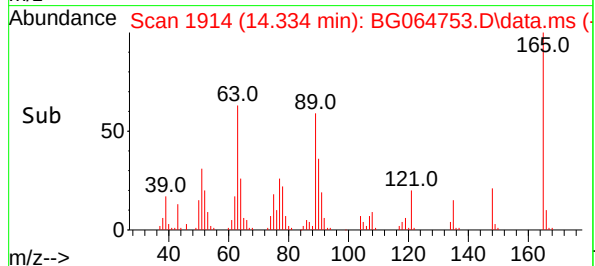
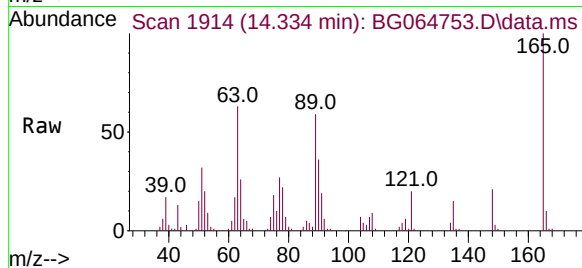
#51
2,6-Dinitrotoluene
Concen: 33.291 ng
RT: 14.334 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

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

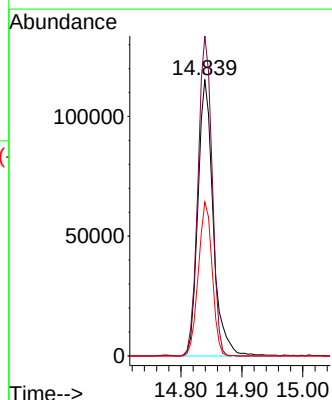
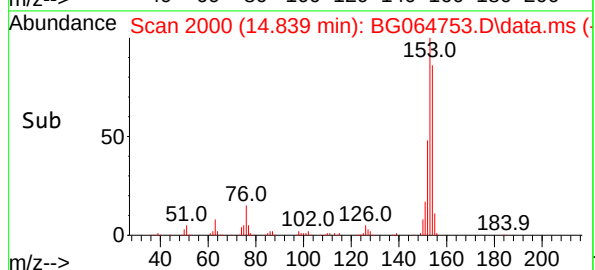
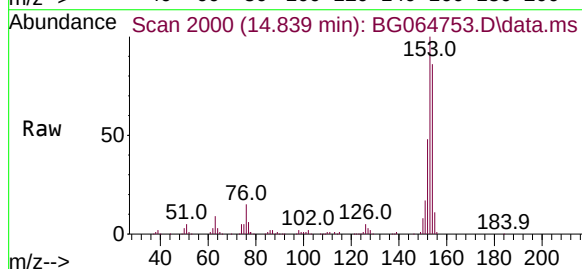
Manual Integrations
APPROVED

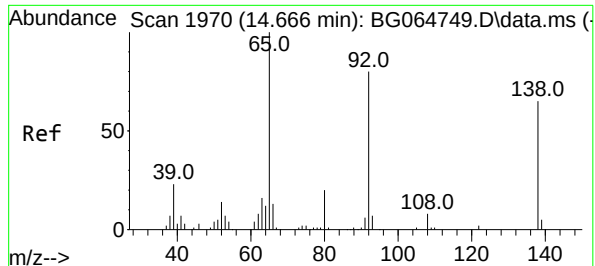
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

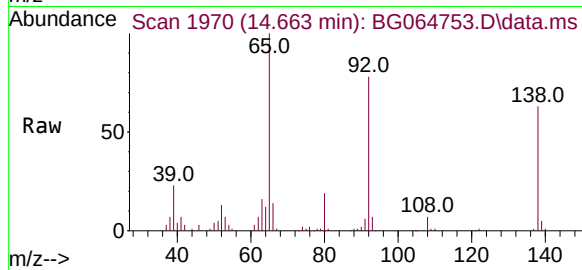
Tgt Ion:154 Resp: 200981
Ion Ratio Lower Upper
154 100
153 115.8 93.0 139.4
152 55.6 44.4 66.6





#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

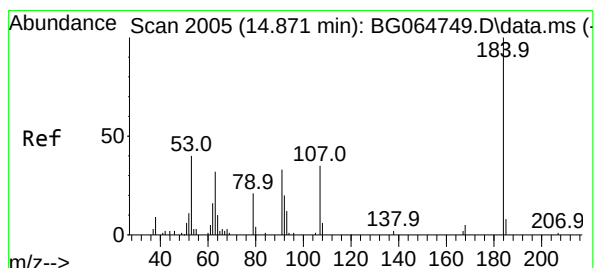
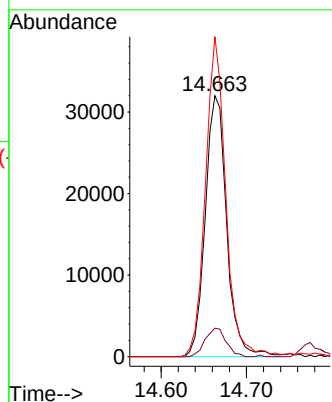
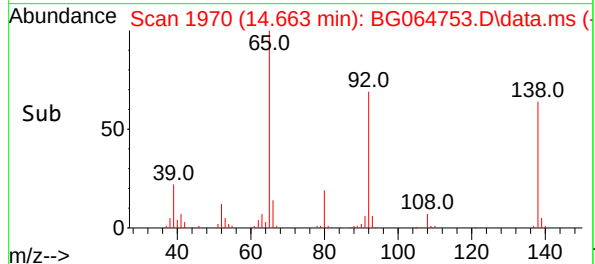
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



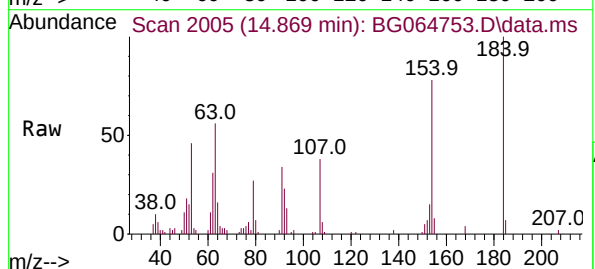
Tgt Ion:138 Resp: 55656
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 122.7 99.0 148.4

Manual Integrations
APPROVED

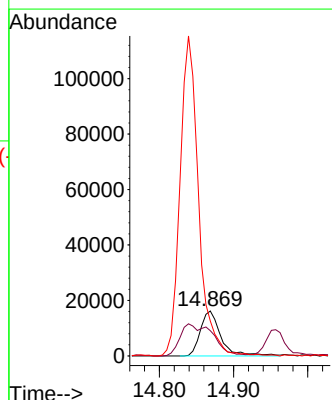
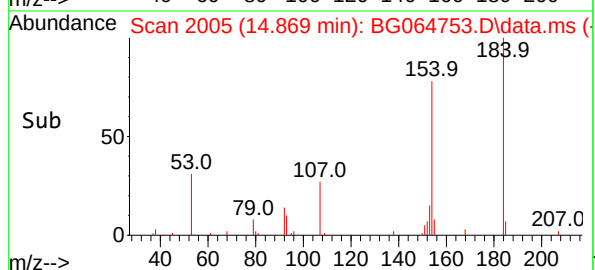
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

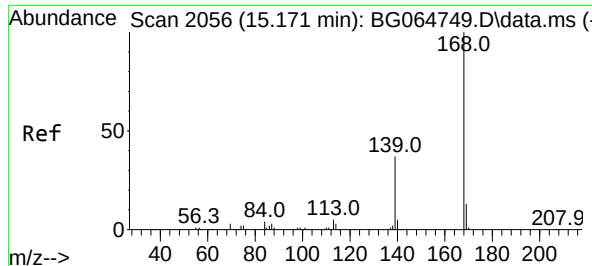


#54
2,4-Dinitrophenol
Concen: 32.871 ng
RT: 14.869 min Scan# 2005
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



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





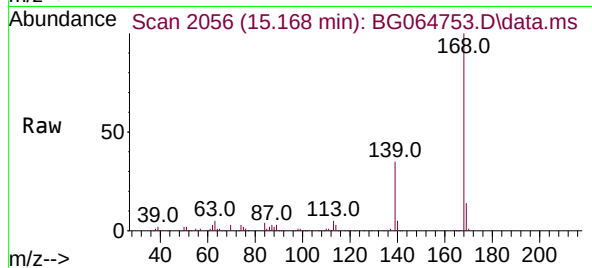
#55
Dibenzofuran
Concen: 31.341 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.002 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

Instrument :

BNA_G

ClientSampleId :

ICVBG111225

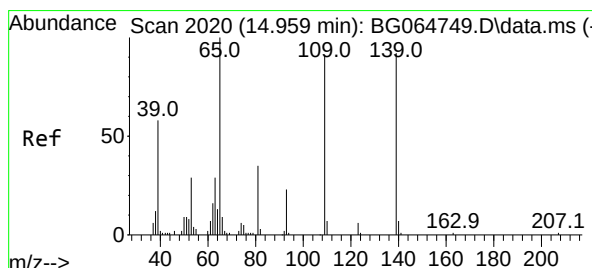
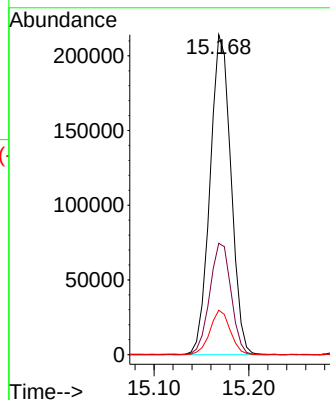
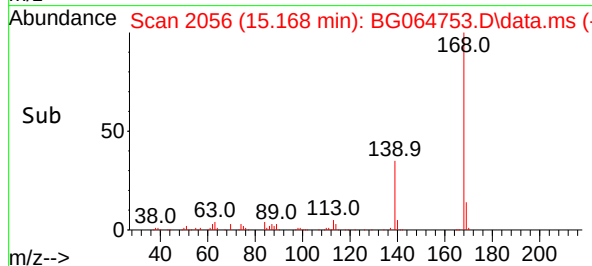


Tgt Ion:168 Resp: 328578
Ion Ratio Lower Upper
168 100
139 34.8 29.5 44.3
169 13.9 10.4 15.6

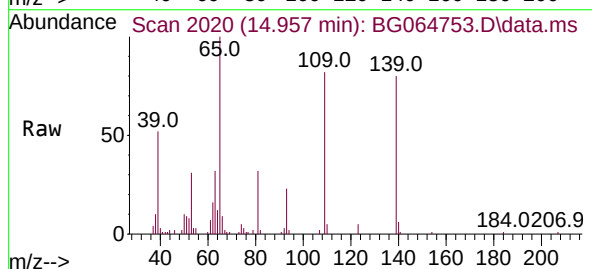
Manual Integrations

APPROVED

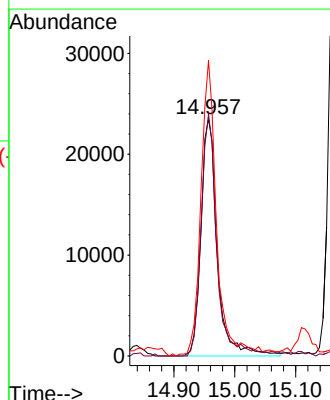
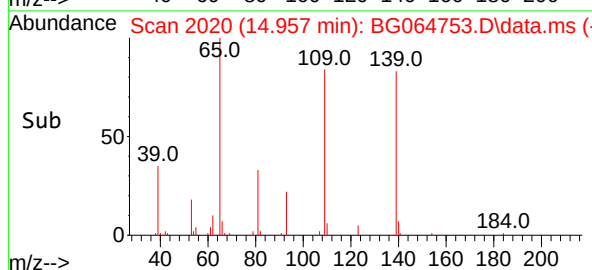
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

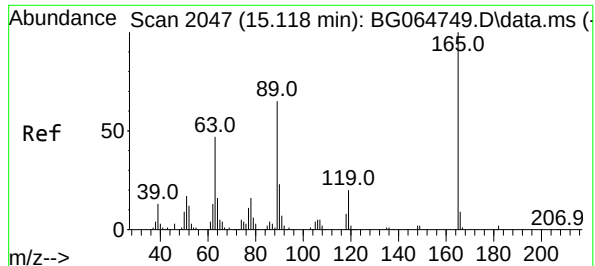


#56
4-Nitrophenol
Concen: 33.387 ng
RT: 14.957 min Scan# 2020
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



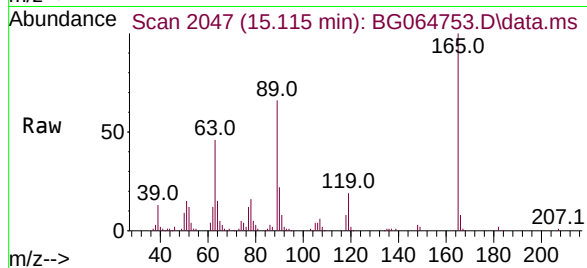
Tgt Ion:139 Resp: 43480
Ion Ratio Lower Upper
139 100
109 102.0 79.7 119.7
65 124.7 89.9 129.9





#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

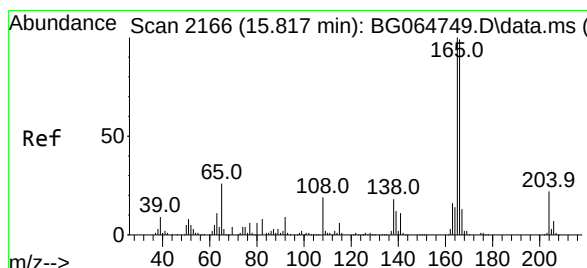
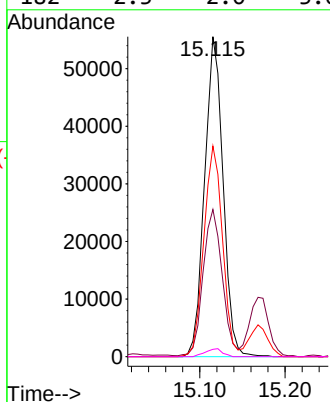
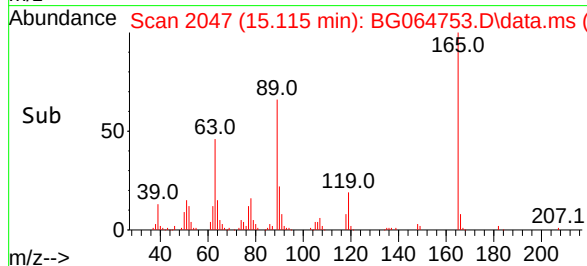
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:165 Resp: 83443
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

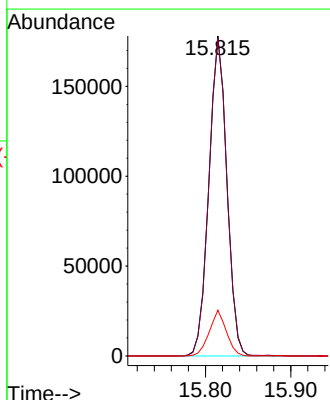
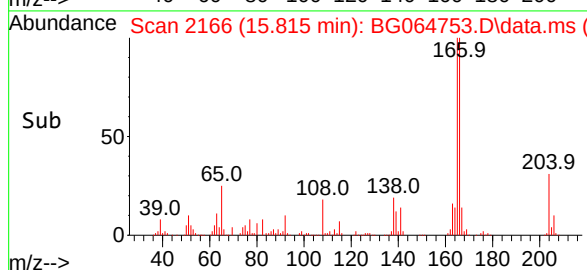
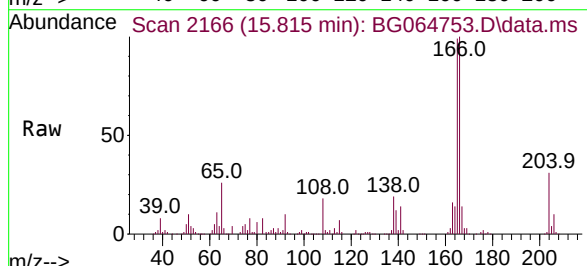
Manual Integrations
APPROVED

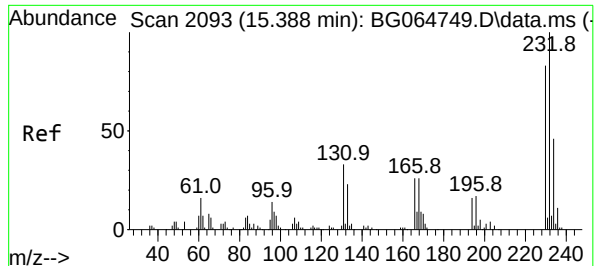
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

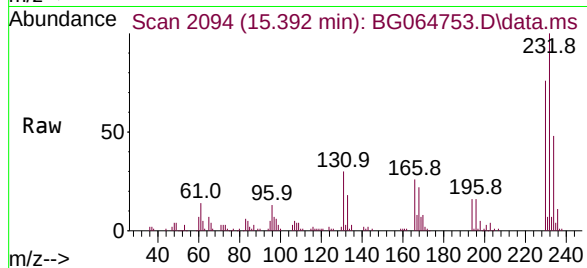
Tgt Ion:166 Resp: 260110
Ion Ratio Lower Upper
166 100
165 99.3 80.5 120.7
167 14.3 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.475 ng
RT: 15.392 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

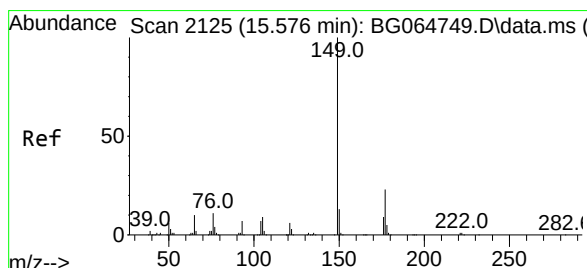
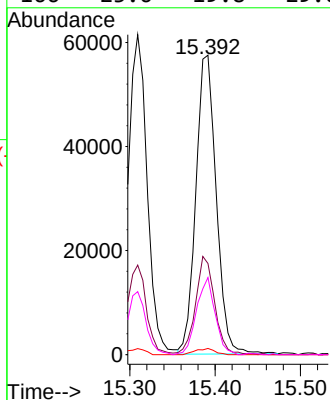
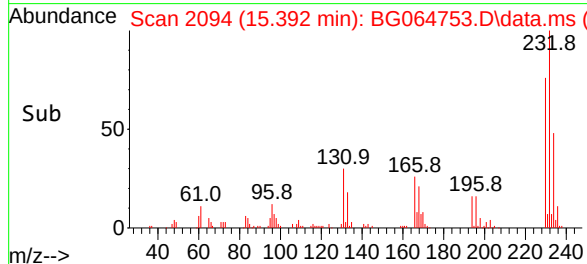
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

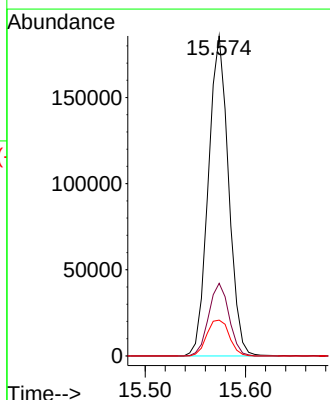
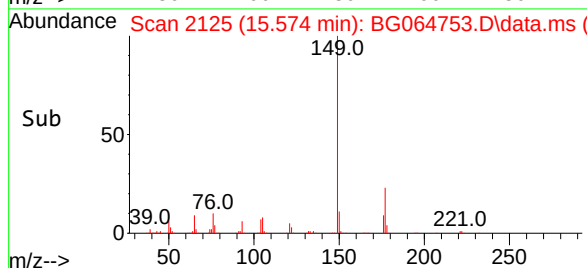
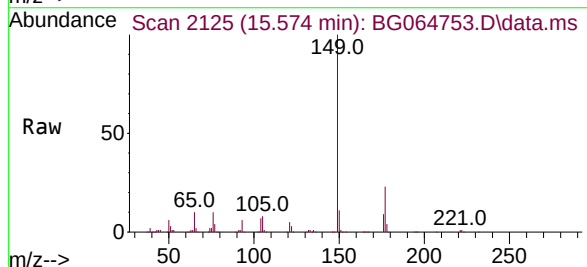
Manual Integrations
APPROVED

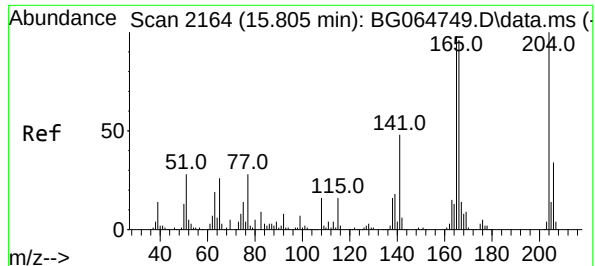
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

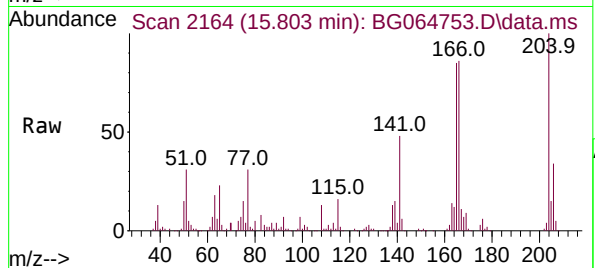
Tgt Ion:149 Resp: 260062
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 11.2 10.1 15.1





#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

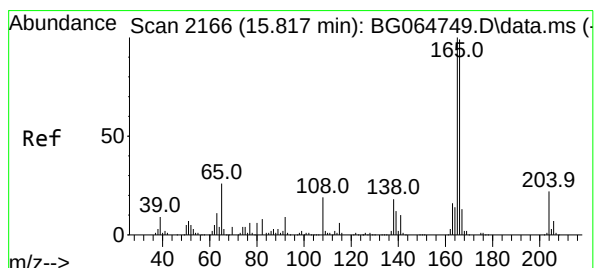
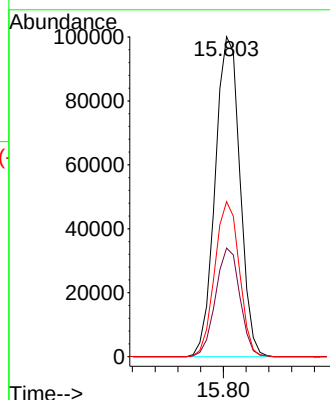
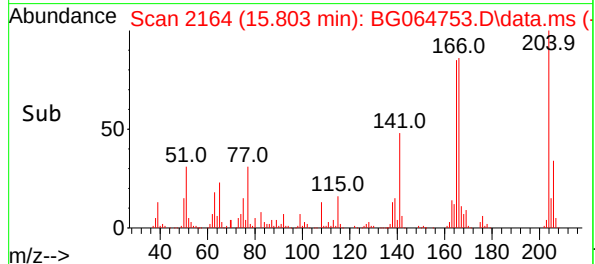
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



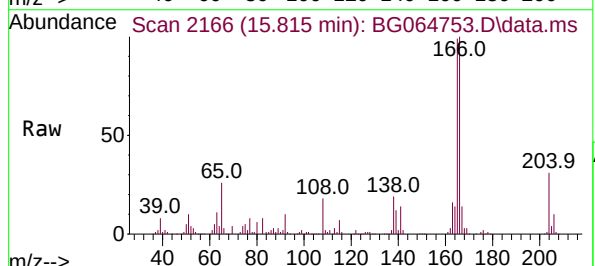
Tgt Ion:204 Resp: 151269
Ion Ratio Lower Upper
204 100
206 33.9 26.9 40.3
141 48.4 38.1 57.1

Manual Integrations
APPROVED

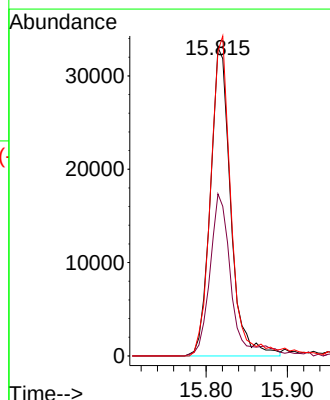
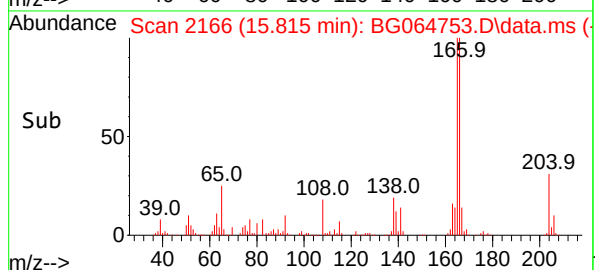
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

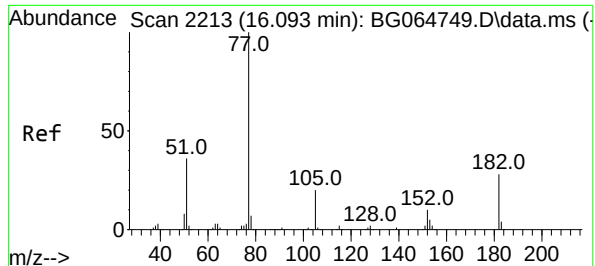


#62
4-Nitroaniline
Concen: 33.761 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



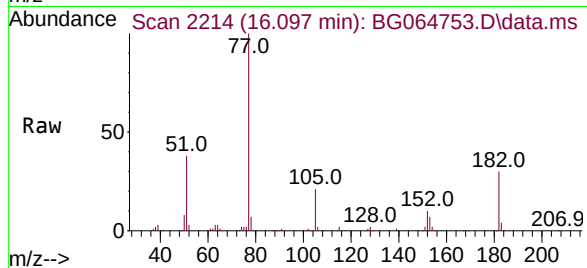
Tgt Ion:138 Resp: 57409
Ion Ratio Lower Upper
138 100
92 52.5 30.7 70.7
108 98.7 85.7 125.7





#63
Azobenzene
Concen: 31.929 ng
RT: 16.097 min Scan# 2213
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

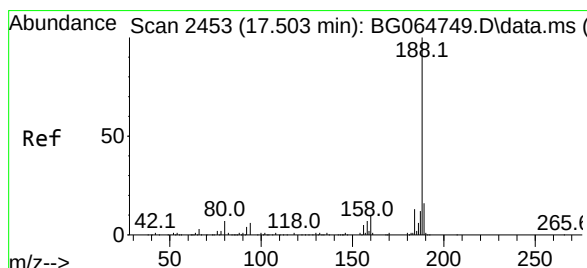
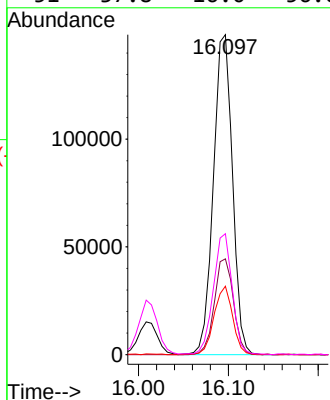
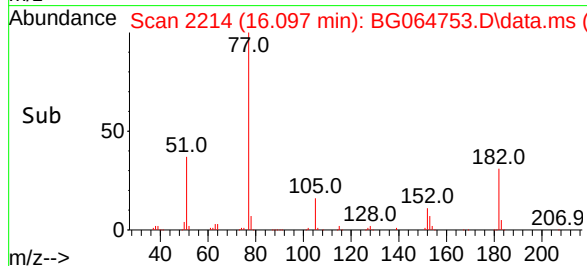
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



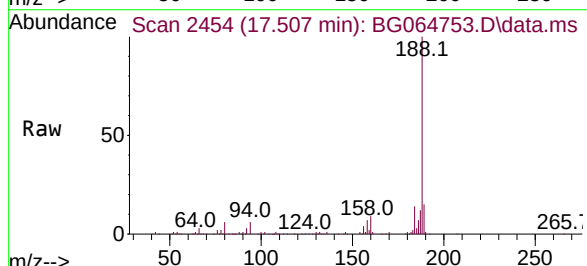
Tgt Ion: 77 Resp: 219873
Ion Ratio Lower Upper
77 100
182 29.9 8.1 48.1
105 21.4 0.1 40.1
51 37.8 16.0 56.0

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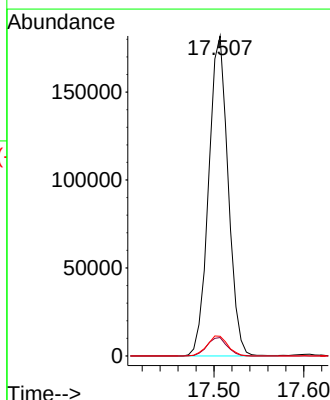
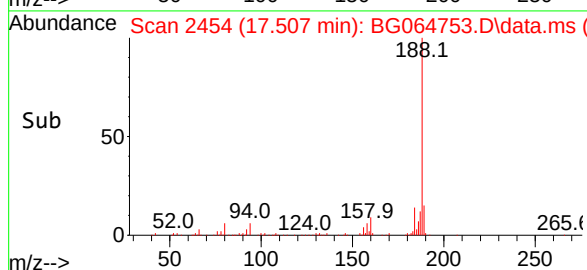
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

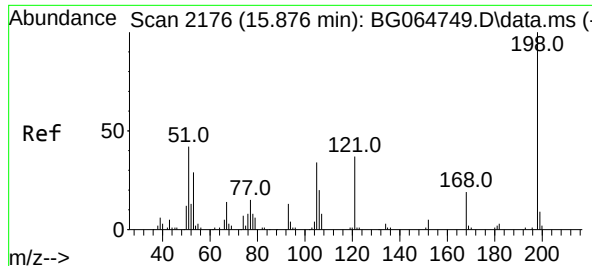


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



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

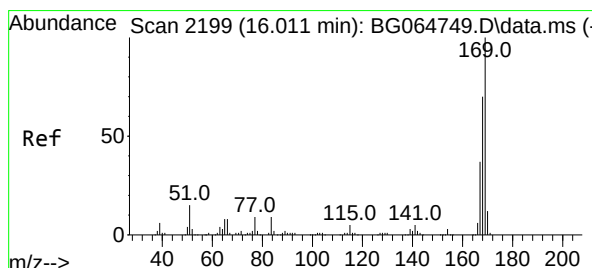
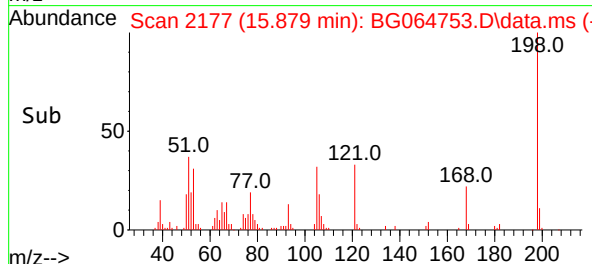
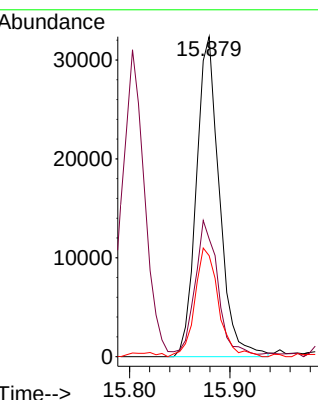
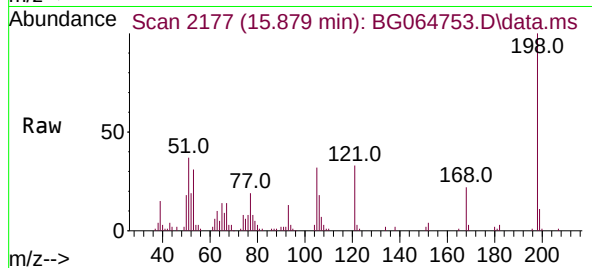
105 31.5 14.2 54.2

Manual Integrations

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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

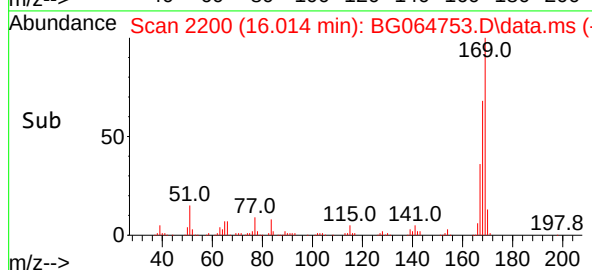
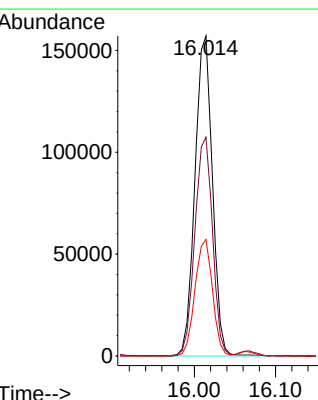
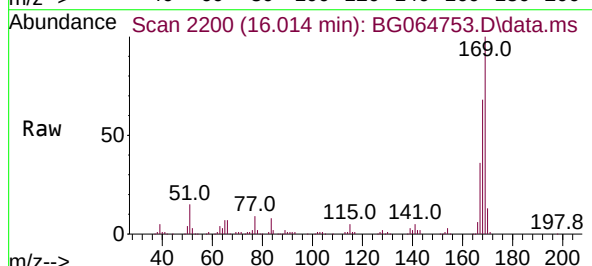
Tgt Ion:169 Resp: 234732

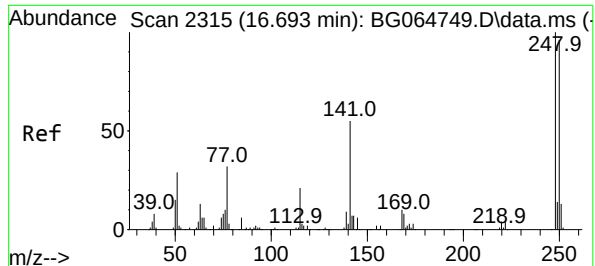
Ion Ratio Lower Upper

169 100

168 68.3 55.9 83.9

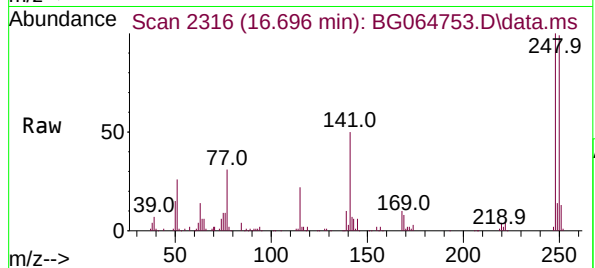
167 36.4 29.8 44.6





#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

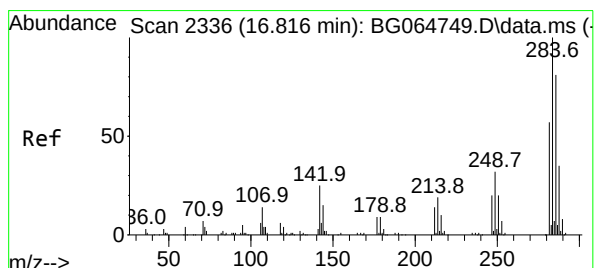
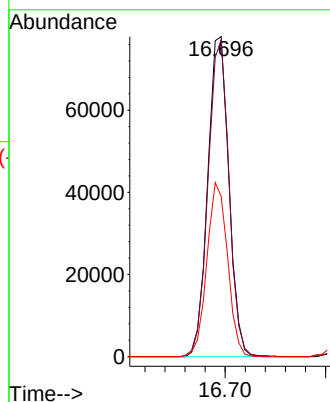
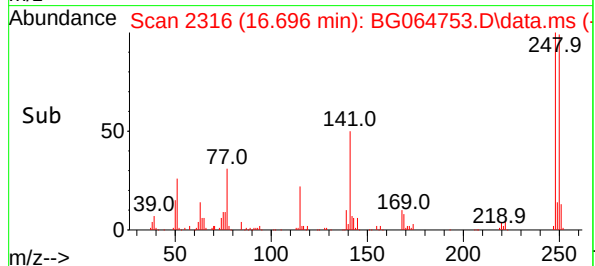
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



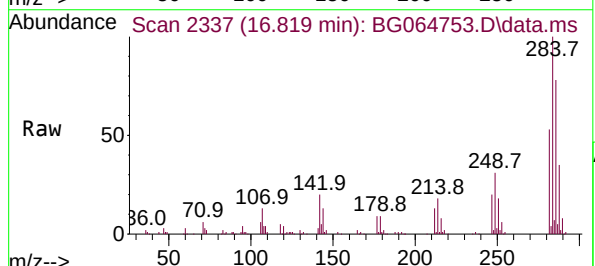
Tgt Ion:248 Resp: 113704
Ion Ratio Lower Upper
248 100
250 99.0 77.0 115.6
141 50.1 43.7 65.5

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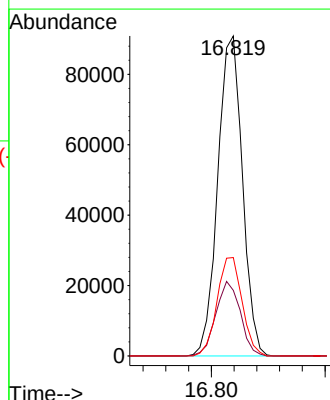
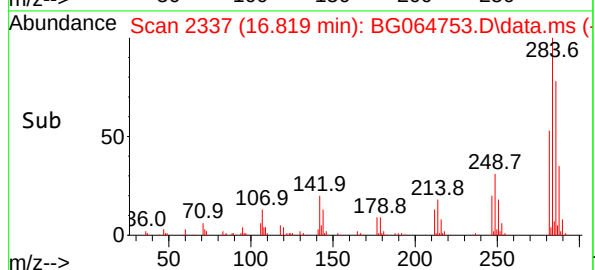
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

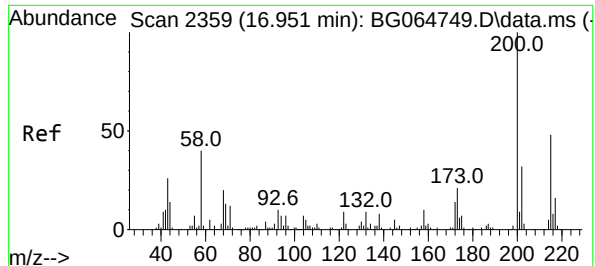


#68
Hexachlorobenzene
Concen: 31.349 ng
RT: 16.819 min Scan# 2337
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45



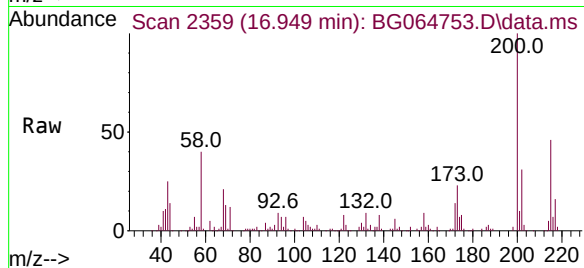
Tgt Ion:284 Resp: 136782
Ion Ratio Lower Upper
284 100
142 20.5 19.7 29.5
249 33.5 28.1 42.1





#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

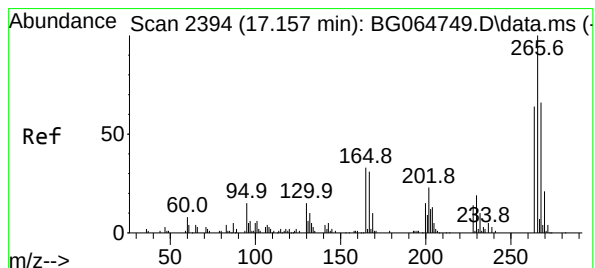
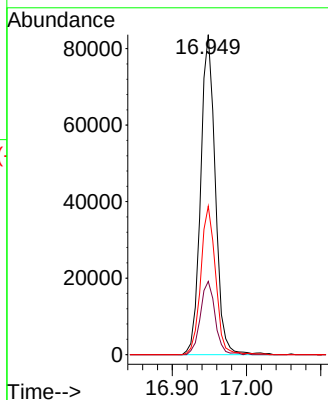
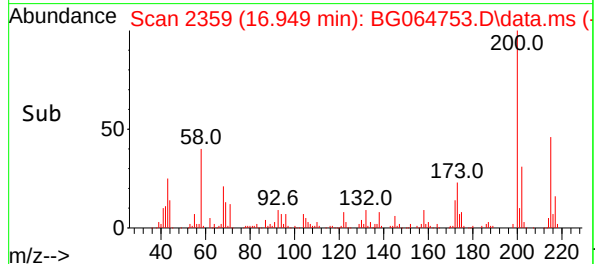
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

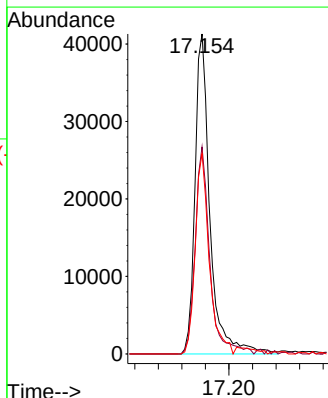
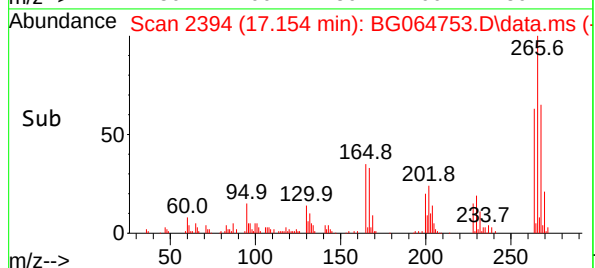
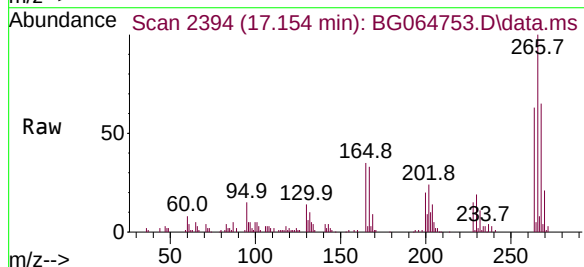
Manual Integrations
APPROVED

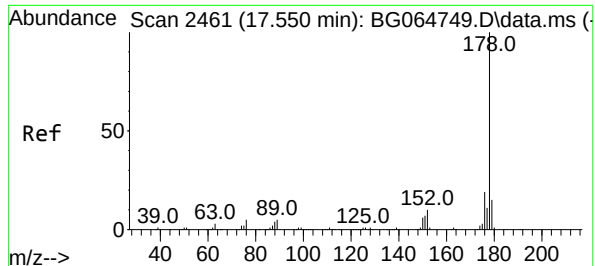
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

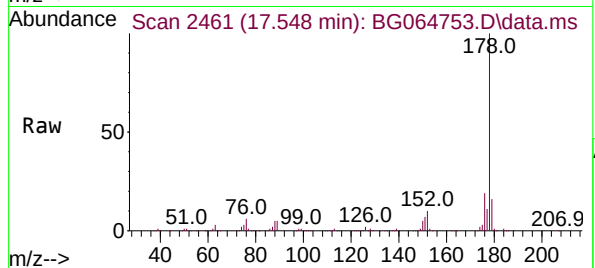
Tgt Ion:266 Resp: 72699
Ion Ratio Lower Upper
266 100
268 69.1 56.1 84.1
264 68.1 51.2 76.8





#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

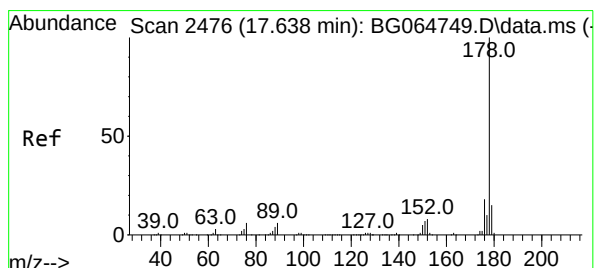
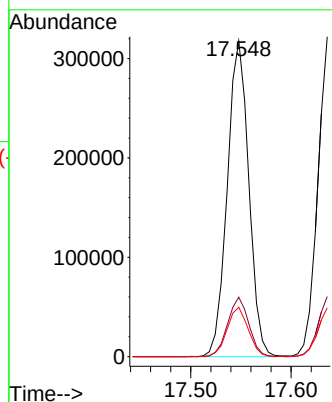
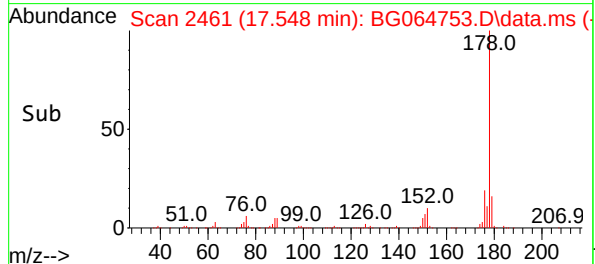
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:178 Resp: 472871
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.6 12.2 18.4

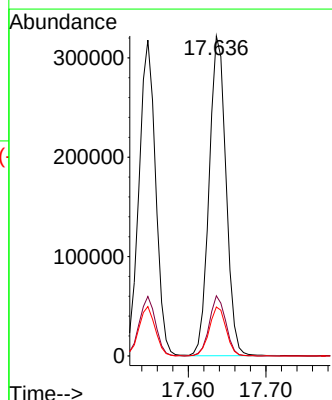
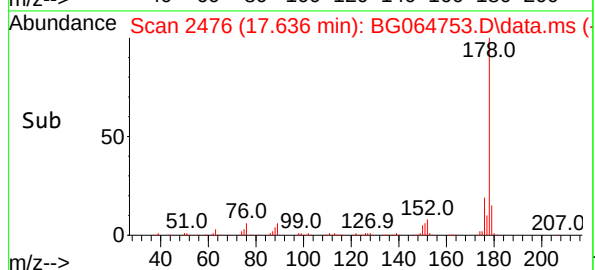
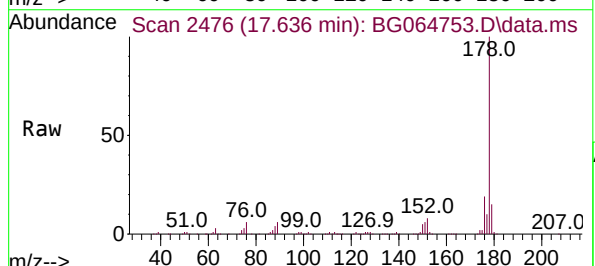
Manual Integrations
APPROVED

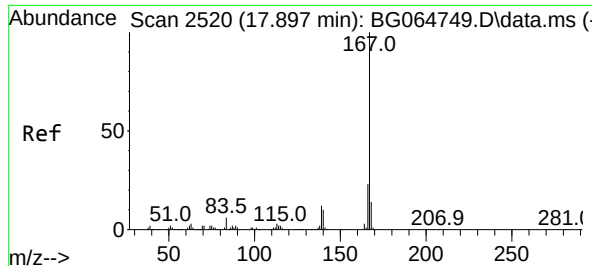
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

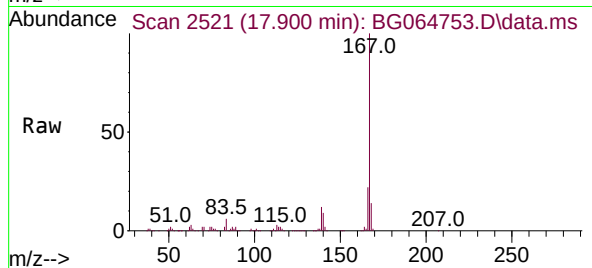
Tgt Ion:178 Resp: 486138
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 15.3 12.2 18.4





#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

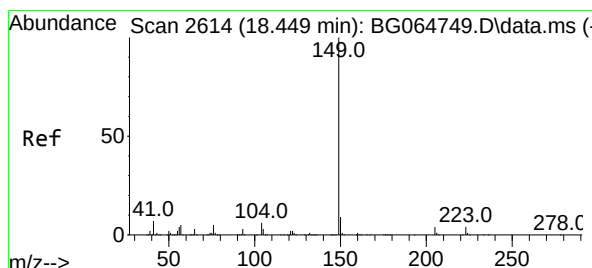
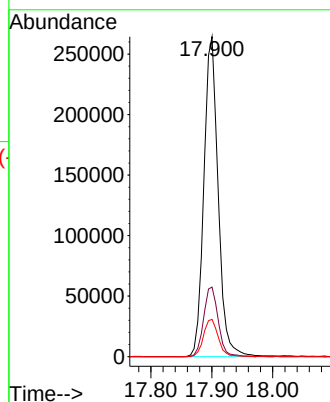
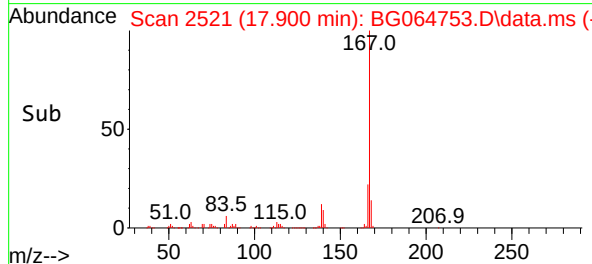
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

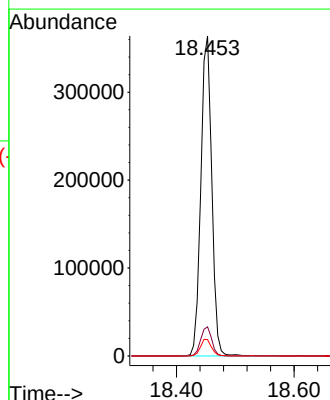
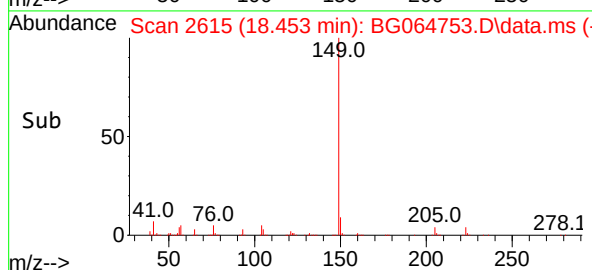
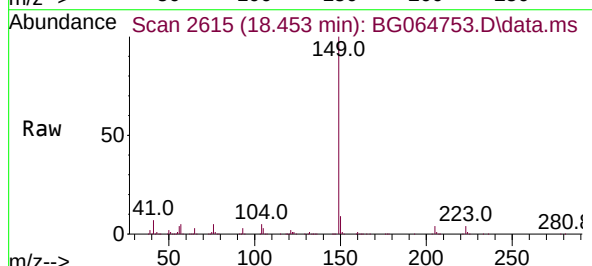
Manual Integrations
APPROVED

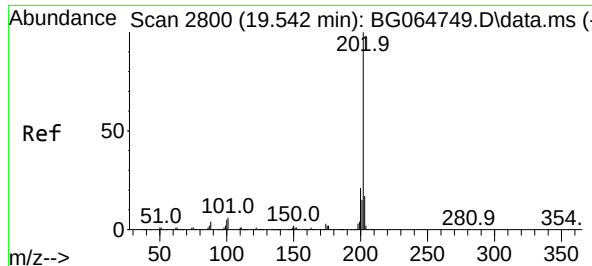
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

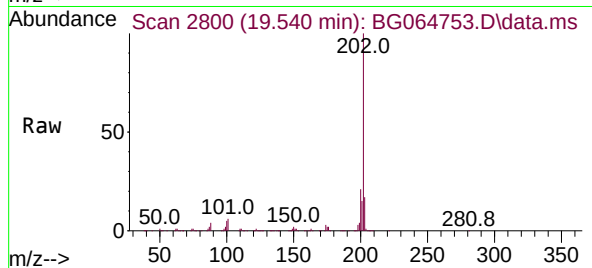
Tgt Ion:149 Resp: 467217
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.1 4.4 6.6





#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

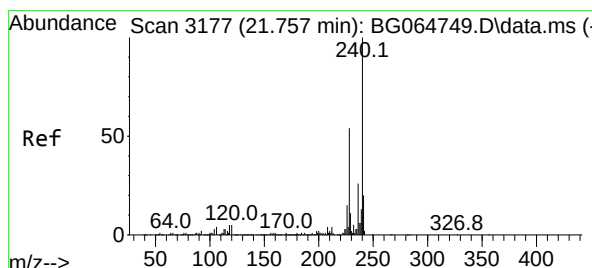
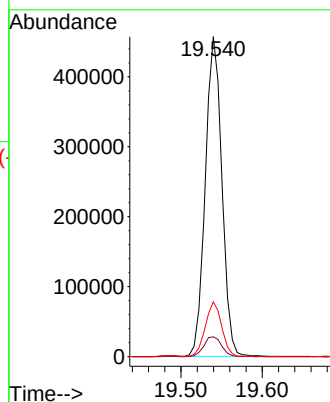
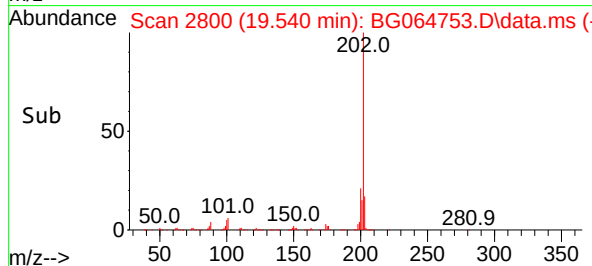
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:202 Resp: 649361
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.4
203 17.2 0.0 37.5

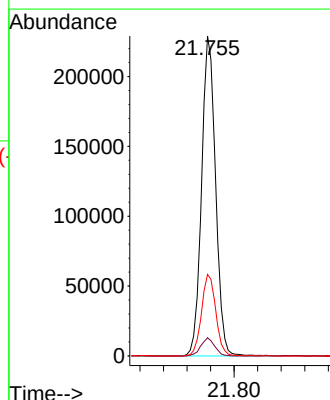
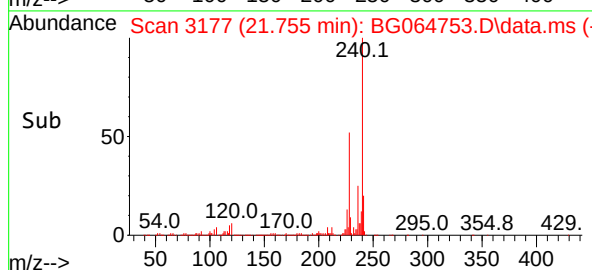
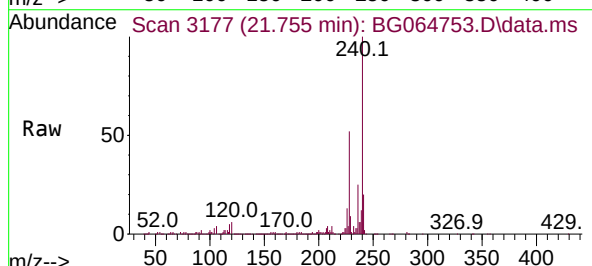
Manual Integrations
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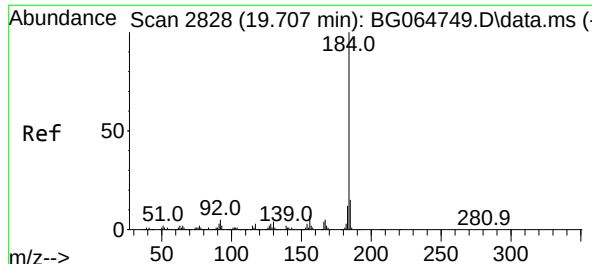
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.755 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

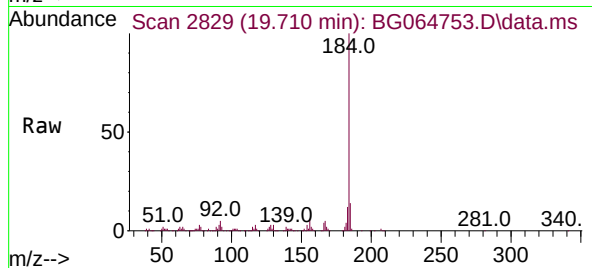
Tgt Ion:240 Resp: 377705
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.4
236 25.5 20.8 31.2





#77
Benzidine
Concen: 33.151 ng
RT: 19.710 min Scan# 2828
Delta R.T. 0.003 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

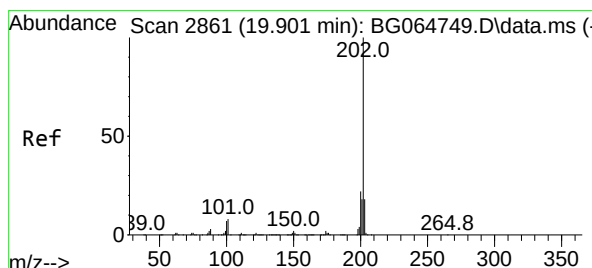
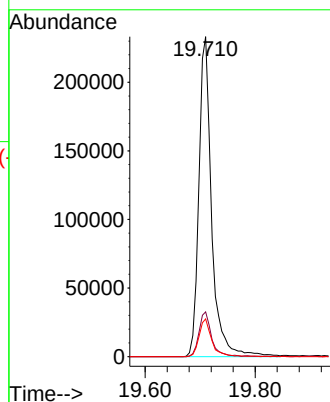
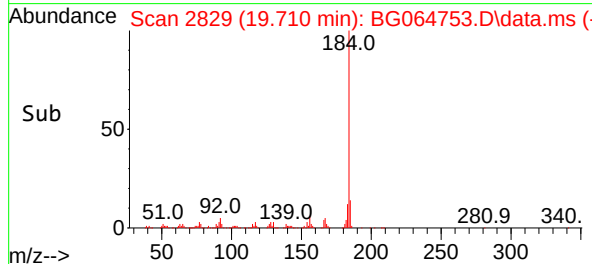
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

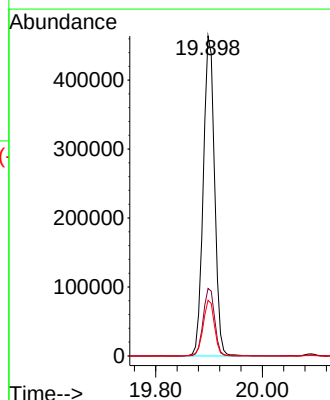
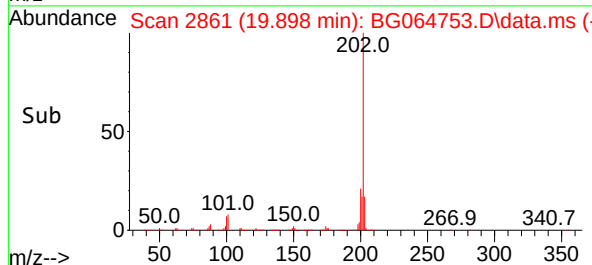
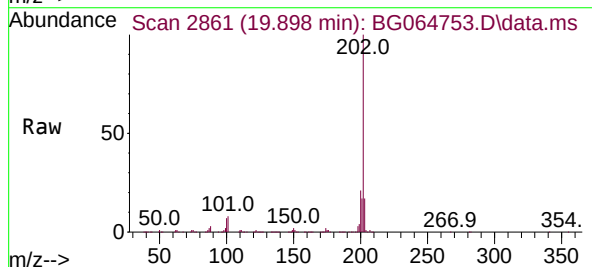
Manual Integrations
APPROVED

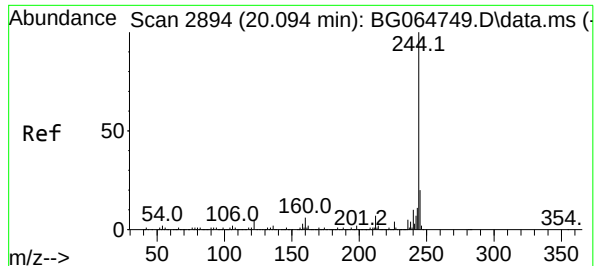
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

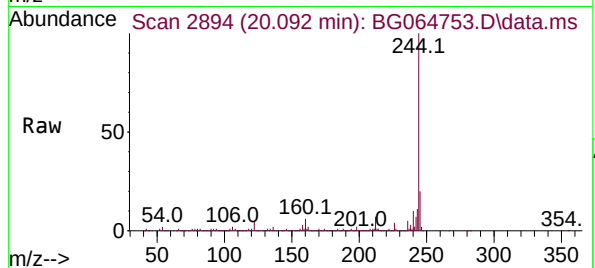
Tgt Ion:202 Resp: 679837
Ion Ratio Lower Upper
202 100
200 21.1 17.9 26.9
203 17.4 14.0 21.0





#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

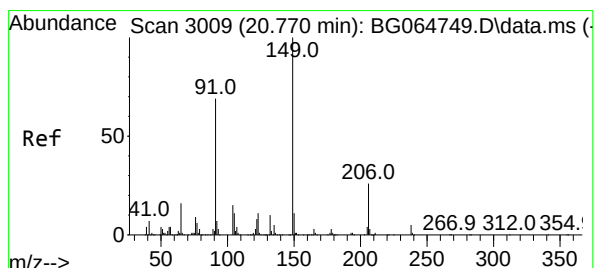
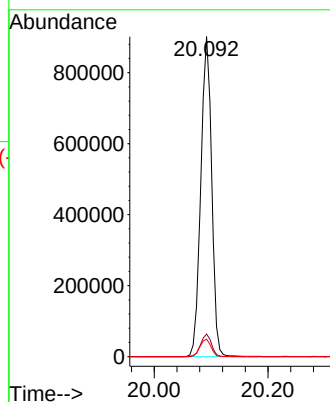
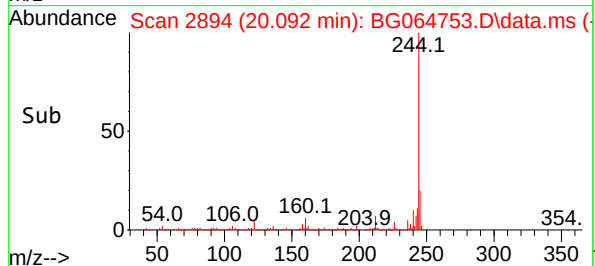
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG111225



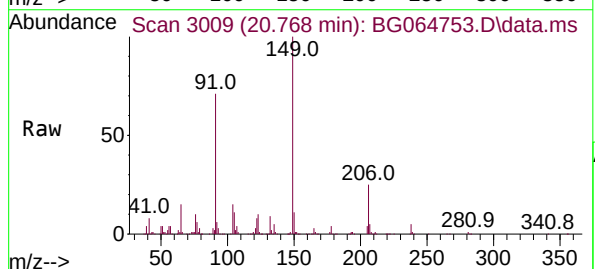
Tgt Ion:244 Resp: 1191783
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 5.5 4.3 6.5

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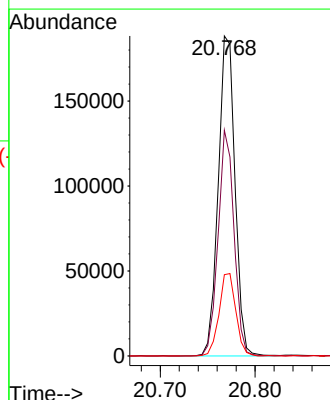
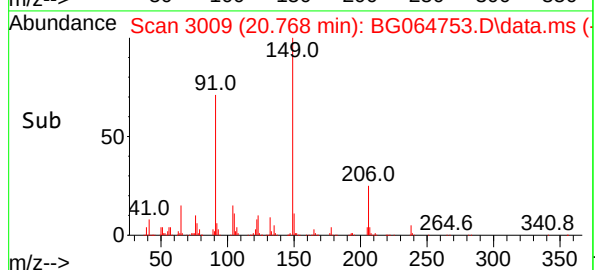
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

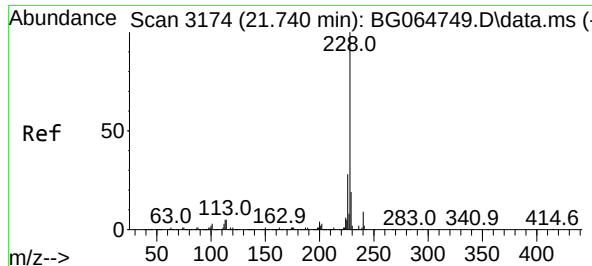


#80
 Butylbenzylphthalate
 Concen: 31.103 ng
 RT: 20.768 min Scan# 3009
 Delta R.T. -0.002 min
 Lab File: BG064753.D
 Acq: 12 Nov 2025 16:45



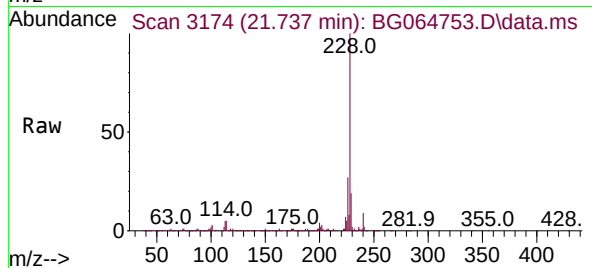
Tgt Ion:149 Resp: 231586
 Ion Ratio Lower Upper
 149 100
 91 70.5 54.9 82.3
 206 25.4 21.2 31.8





#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

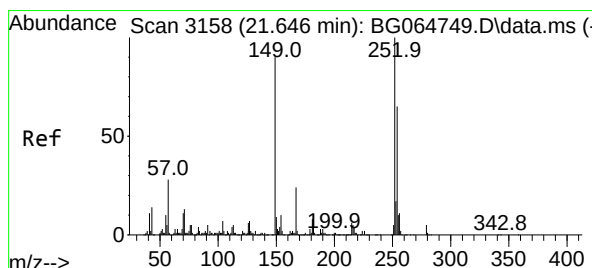
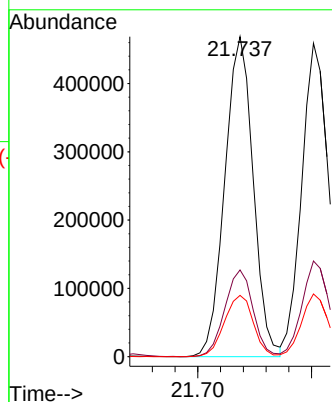
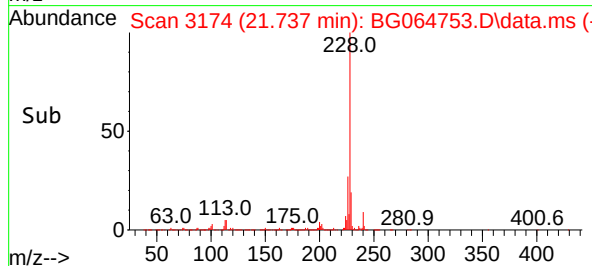
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

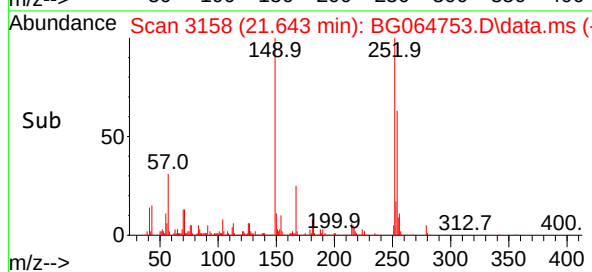
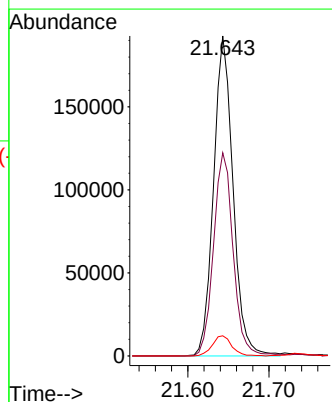
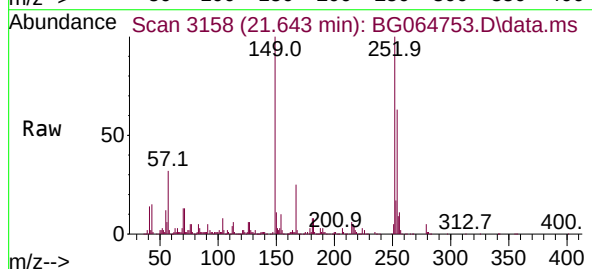
Manual Integrations
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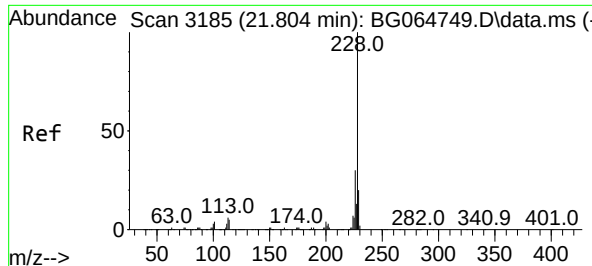
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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: 755443

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.2

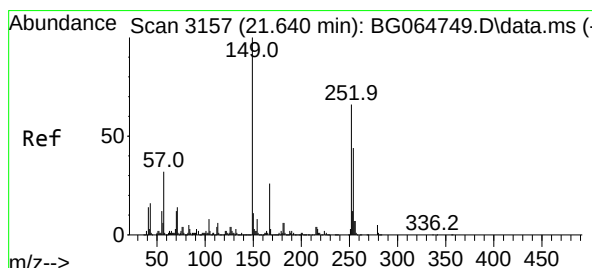
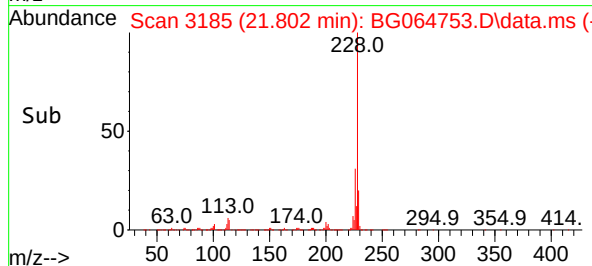
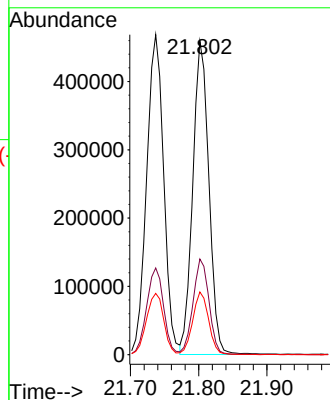
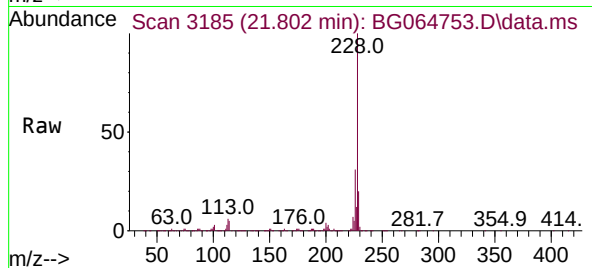
229 20.0 16.0 24.0

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

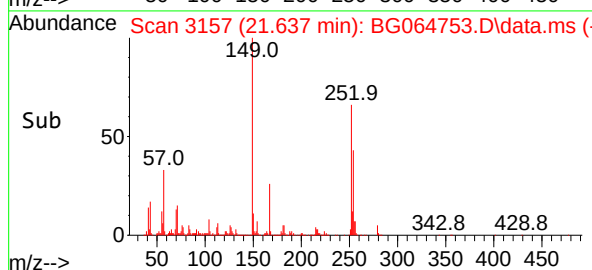
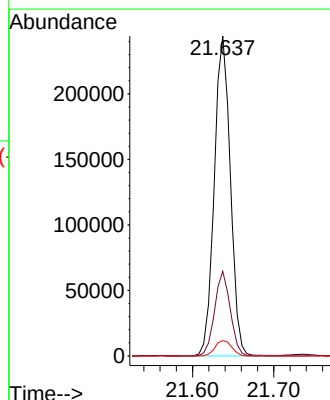
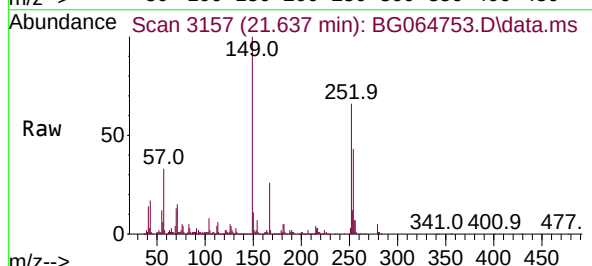
Tgt Ion:149 Resp: 336357

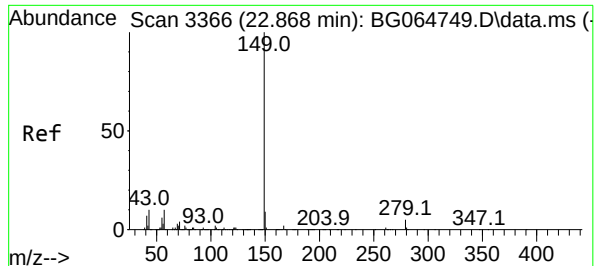
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

279 4.8 4.1 6.1





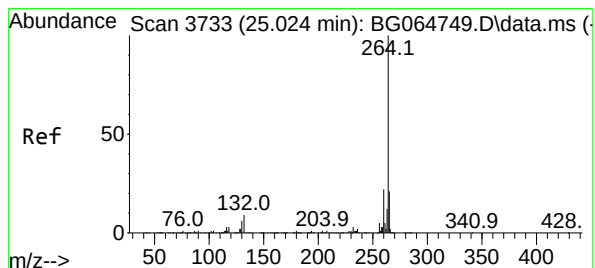
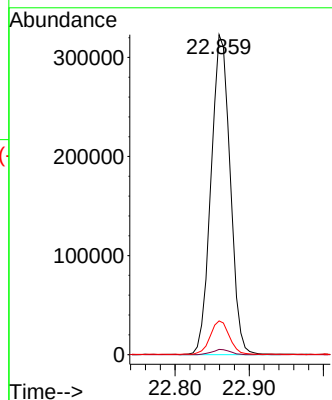
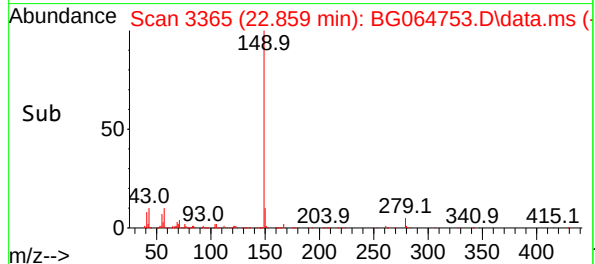
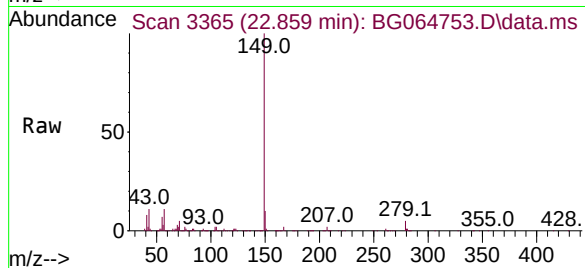
#85
Di-n-octyl phthalate
Concen: 30.757 ng
RT: 22.859 min Scan# 3366
Delta R.T. -0.008 min
Lab File: BG064753.D
Acq: 12 Nov 2025 16:45

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

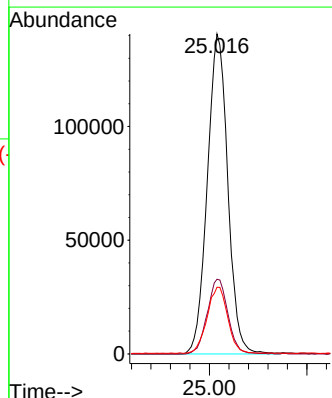
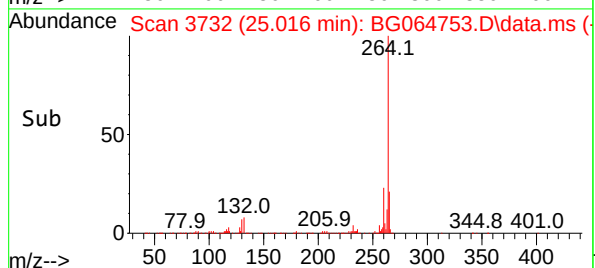
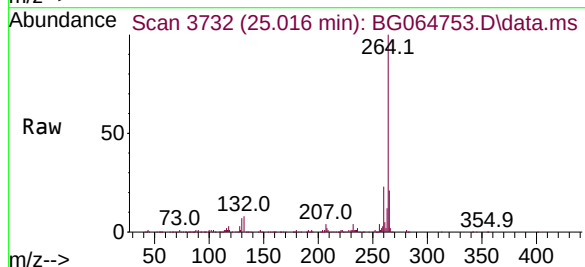
Manual Integrations
APPROVED

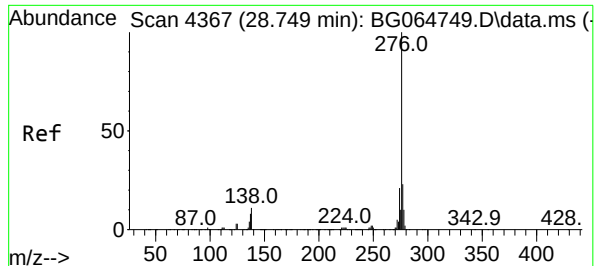
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

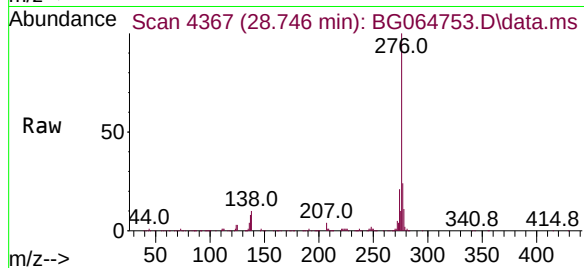
Tgt Ion:264 Resp: 409953
Ion Ratio Lower Upper
264 100
260 23.3 17.2 25.8
265 20.9 16.6 25.0





#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

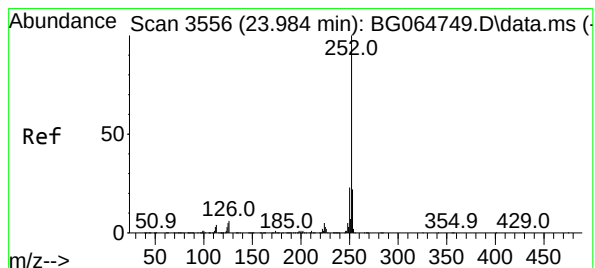
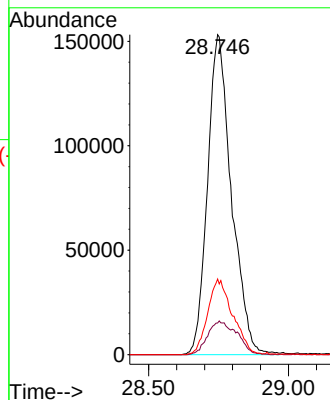
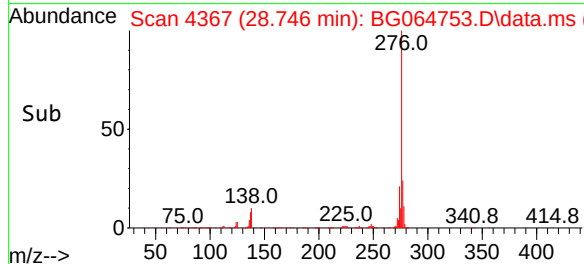
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



Tgt Ion:276 Resp: 909527
Ion Ratio Lower Upper
276 100
138 12.7 4.5 6.7
277 24.6 20.0 30.0

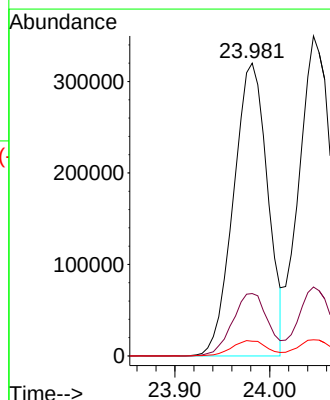
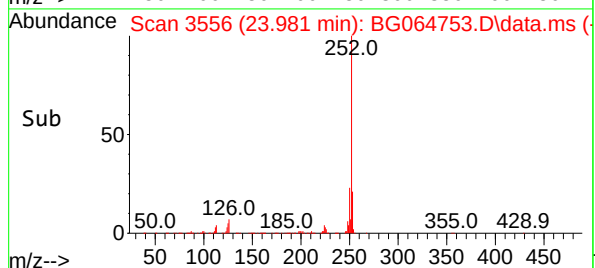
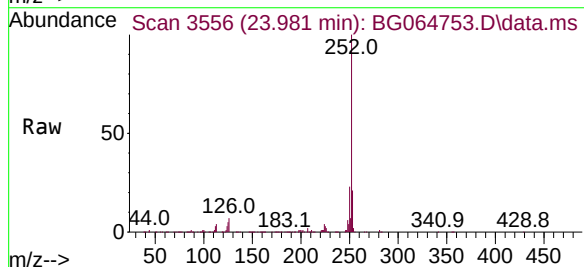
Manual Integrations
APPROVED

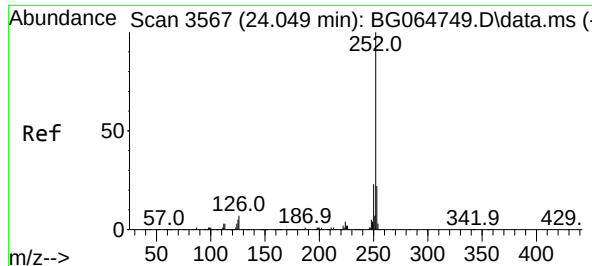
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#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

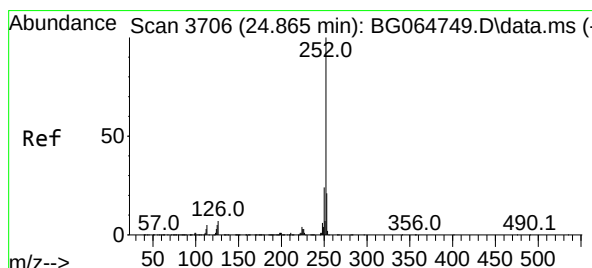
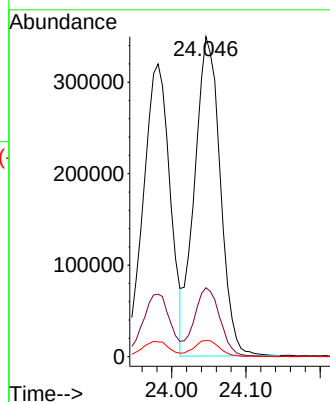
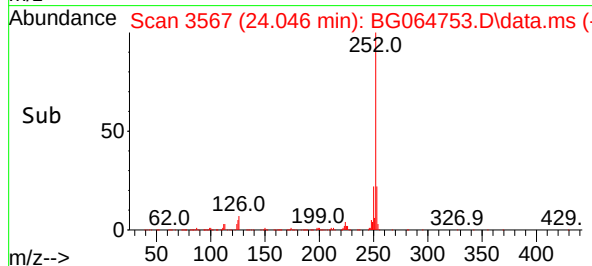
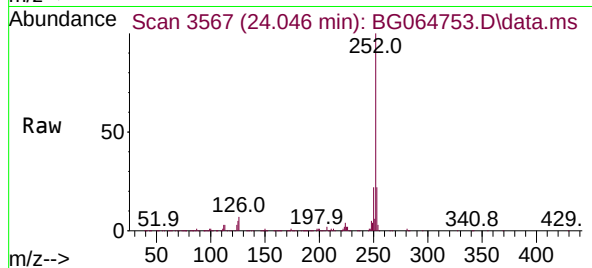
125 5.0 4.1 6.1

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Reviewed 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

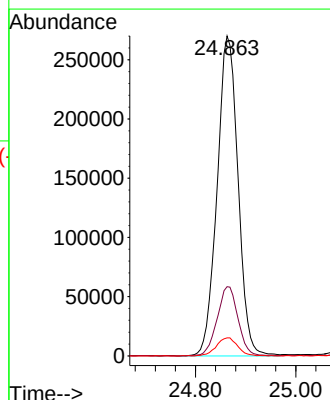
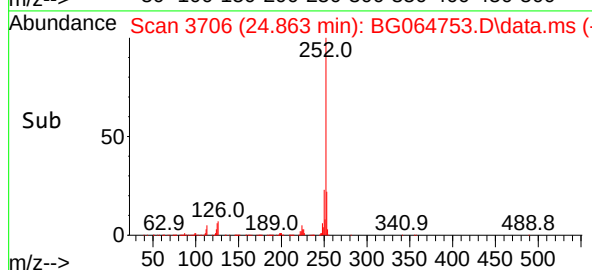
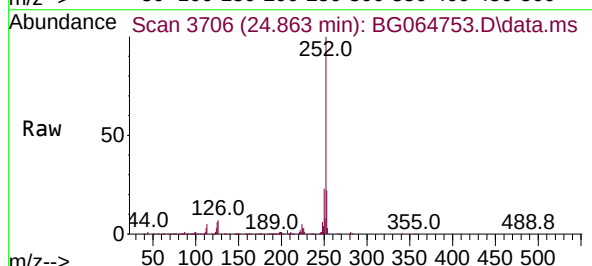
Tgt Ion:252 Resp: 781704

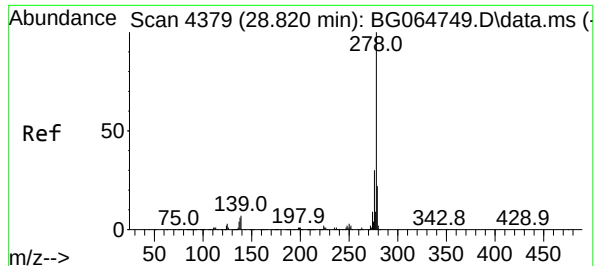
Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

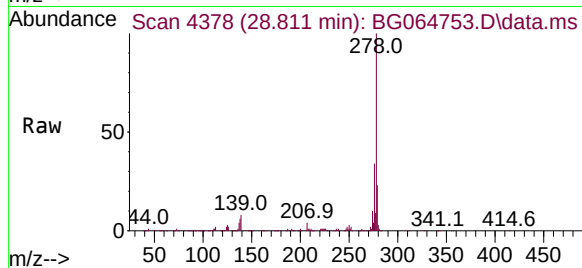
125 5.6 4.2 6.4





#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

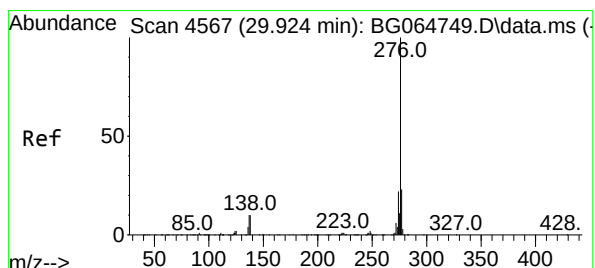
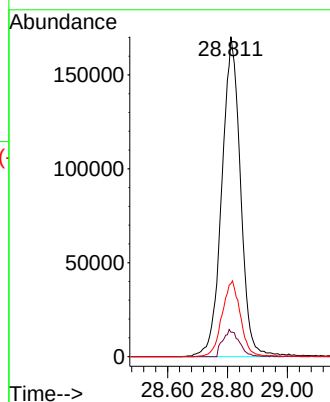
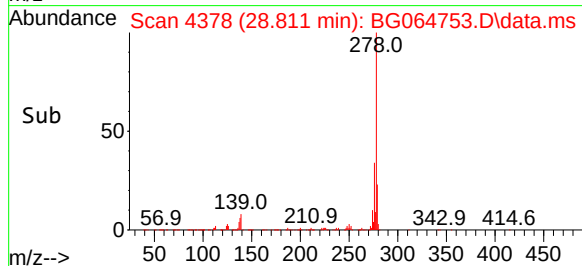
Instrument :
BNA_G
ClientSampleId :
ICVBG111225



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

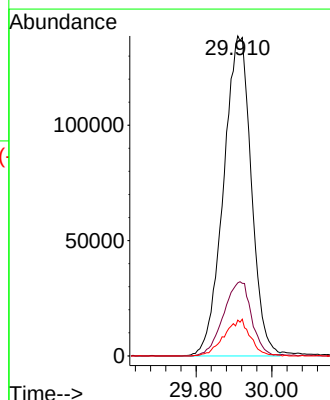
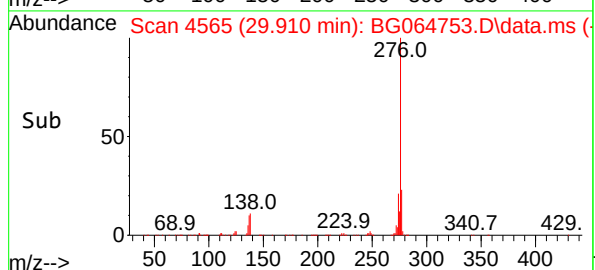
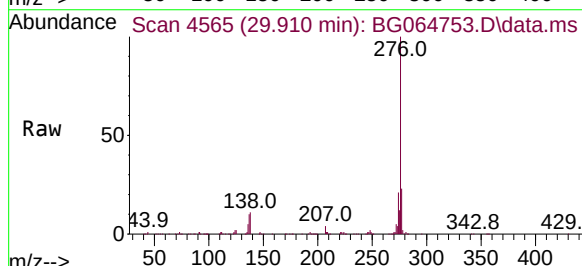
Manual Integrations
APPROVED

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)

(#) = 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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 4



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: POWE02
 Lab Code: ACE SDG No.: Q3614
 Instrument ID: BNA_G Calibration Date/Time: 11/13/2025 14:35
 Lab File ID: BG064756.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	1.131		-1.2	
Phenol-d6	1.523	1.539		1.1	
Nitrobenzene-d5	0.405	0.405		0.0	
Naphthalene	1.134	1.123		-1.0	
2-Fluorobiphenyl	1.433	1.435		0.1	
Fluorene	1.503	1.475		-1.9	
2,4,6-Tribromophenol	0.390	0.387		-0.8	
Phenanthrene	1.094	1.107		1.2	
Anthracene	1.116	1.128		1.1	
Pyrene	1.121	1.181		5.4	
Terphenyl-d14	1.017	1.067		4.9	
Benzo (a) anthracene	1.360	1.363		0.2	
Chrysene	1.282	1.292		0.8	
Benzo (b) fluoranthene	1.273	1.277		0.3	
Benzo (a) pyrene	1.181	1.176		-0.4	20.0
Indeno (1,2,3-cd) pyrene	1.374	1.421		3.4	
Benzo (g,h,i) perylene	1.083	1.119		3.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064756.D
 Acq On : 13 Nov 2025 14:35
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 15:42:14 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	35112	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	138078	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	109512	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	269959	20.000	ng	0.00
76) Chrysene-d12	21.760	240	348735	20.000	ng	0.00
86) Perylene-d12	25.015	264	372397	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	158887	79.019	ng	0.00
7) Phenol-d6	7.306	99	216084	80.798	ng	0.00
23) Nitrobenzene-d5	9.327	82	223687	80.098	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	169555	79.386	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	628526	80.083	ng	0.00
79) Terphenyl-d14	20.091	244	1488614	83.967	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	31567	40.552	ng	100
3) Pyridine	3.945	79	93419	40.278	ng	96
4) n-Nitrosodimethylamine	3.851	42	45720	38.730	ng	90
6) Aniline	7.482	93	146095	40.983	ng	98
8) 2-Chlorophenol	7.723	128	90959	41.198	ng	96
9) Benzaldehyde	7.294	77	67643	38.639	ng	93
10) Phenol	7.335	94	118188	40.617	ng	98
11) bis(2-Chloroethyl)ether	7.570	93	85528	41.306	ng	97
12) 1,3-Dichlorobenzene	8.058	146	101690	40.027	ng	99
13) 1,4-Dichlorobenzene	8.199	146	103814	40.130	ng	98
14) 1,2-Dichlorobenzene	8.528	146	101006	40.268	ng	95
15) Benzyl Alcohol	8.393	79	89684	40.855	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.693	45	199067	40.617	ng	98
17) 2-Methylphenol	8.599	107	84001	40.799	ng	97
18) Hexachloroethane	9.263	117	38257	39.045	ng	95
19) n-Nitroso-di-n-propyla...	8.969	70	75836	41.938	ng	96
20) 3+4-Methylphenols	8.928	107	113335	40.181	ng	96
22) Acetophenone	8.986	105	153912	40.914	ng	# 98
24) Nitrobenzene	9.368	77	116726	41.366	ng	93
25) Isophorone	9.897	82	213488	40.143	ng	97
26) 2-Nitrophenol	10.085	139	52234	41.155	ng	94
27) 2,4-Dimethylphenol	10.138	122	93669	41.541	ng	98
28) bis(2-Chloroethoxy)met...	10.373	93	119986	41.096	ng	99
29) 2,4-Dichlorophenol	10.620	162	100607	41.559	ng	99
30) 1,2,4-Trichlorobenzene	10.843	180	116090	39.713	ng	98
31) Naphthalene	11.031	128	310092	39.617	ng	99
32) Benzoic acid	10.250	122	56140m	36.836	ng	
33) 4-Chloroaniline	11.131	127	127381	40.682	ng	97
34) Hexachlorobutadiene	11.325	225	98806	39.394	ng	97
35) Caprolactam	11.889	113	28502	39.364	ng	93
36) 4-Chloro-3-methylphenol	12.236	107	107863	40.031	ng	98
37) 2-Methylnaphthalene	12.623	142	232272	39.654	ng	96
38) 1-Methylnaphthalene	12.841	142	227626	39.121	ng	97
40) 1,2,4,5-Tetrachloroben...	12.988	216	169329	39.731	ng	98
41) Hexachlorocyclopentadiene	12.970	237	123985	40.587	ng	94
43) 2,4,6-Trichlorophenol	13.217	196	102456	40.960	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064756.D
 Acq On : 13 Nov 2025 14:35
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

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

Quant Time: Nov 13 15:42:14 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

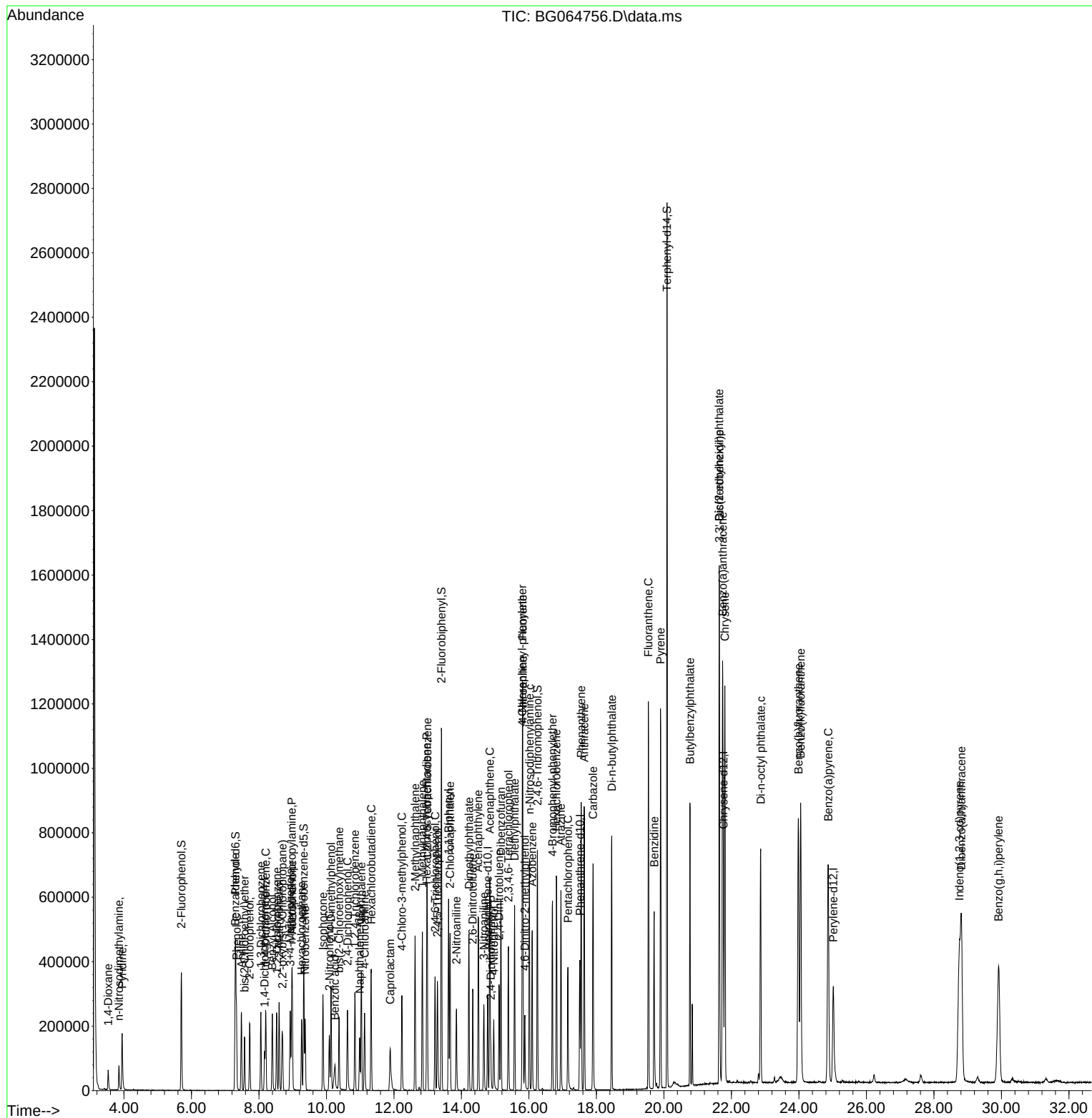
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	115145	41.043	ng	96
46) 1,1'-Biphenyl	13.616	154	315354	40.093	ng	97
47) 2-Chloronaphthalene	13.663	162	243204	39.247	ng	99
48) 2-Nitroaniline	13.851	65	80098	40.188	ng	95
49) Acenaphthylene	14.498	152	422723	39.931	ng	99
50) Dimethylphthalate	14.222	163	345261	39.911	ng	98
51) 2,6-Dinitrotoluene	14.333	165	69259	41.607	ng	95
52) Acenaphthene	14.838	154	260766	41.082	ng	98
53) 3-Nitroaniline	14.662	138	68983	41.988	ng	95
54) 2,4-Dinitrophenol	14.868	184	36779	37.378	ng	88
55) Dibenzofuran	15.167	168	415210	39.567	ng	97
56) 4-Nitrophenol	14.956	139	52979	40.643	ng	95
57) 2,4-Dinitrotoluene	15.115	165	105473	42.264	ng	# 98
58) Fluorene	15.814	166	322998	39.244	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.391	232	114943	41.526	ng	97
60) Diethylphthalate	15.573	149	335535	40.489	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	197603	40.006	ng	98
62) 4-Nitroaniline	15.820	138	71058	41.749	ng	98
63) Azobenzene	16.096	77	274587	39.837	ng	97
65) 4,6-Dinitro-2-methylph...	15.878	198	66266	44.211	ng	94
66) n-Nitrosodiphenylamine	16.014	169	296696	41.959	ng	99
67) 4-Bromophenyl-phenylether	16.695	248	147463	41.596	ng	97
68) Hexachlorobenzene	16.813	284	176897	41.185	ng	97
69) Atrazine	16.948	200	137430	40.311	ng	98
70) Pentachlorophenol	17.153	266	90794	39.121	ng	97
71) Phenanthrene	17.547	178	597759	40.470	ng	99
72) Anthracene	17.635	178	609140	40.445	ng	100
73) Carbazole	17.900	167	516449	39.888	ng	99
74) Di-n-butylphthalate	18.452	149	586983	40.636	ng	99
75) Fluoranthene	19.539	202	802543	39.735	ng	100
77) Benzidine	19.709	184	380633	36.445	ng	98
78) Pyrene	19.897	202	823906	42.154	ng	98
80) Butylbenzylphthalate	20.773	149	281927	41.009	ng	95
81) Benzo(a)anthracene	21.736	228	950617	40.089	ng	98
82) 3,3'-Dichlorobenzidine	21.642	252	340561	39.020	ng	100
83) Chrysene	21.807	228	901170	40.310	ng	99
84) Bis(2-ethylhexyl)phtha...	21.636	149	405952	40.410	ng	99
85) Di-n-octyl phthalate	22.864	149	694200	39.977	ng	100
87) Indeno(1,2,3-cd)pyrene	28.752	276	1058201	41.360	ng	# 95
88) Benzo(b)fluoranthene	23.981	252	951045	40.131	ng	99
89) Benzo(k)fluoranthene	24.051	252	939624	39.465	ng	100
90) Benzo(a)pyrene	24.868	252	875703	39.834	ng	99
91) Dibenzo(a,h)anthracene	28.810	278	869772	41.497	ng	96
92) Benzo(g,h,i)perylene	29.915	276	833495	41.320	ng	97

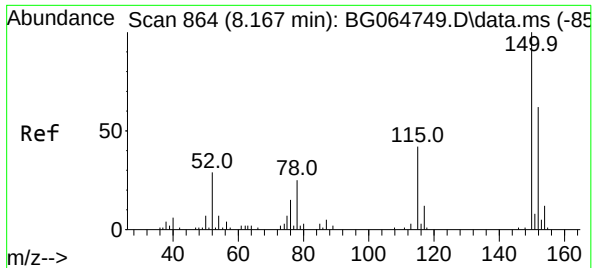
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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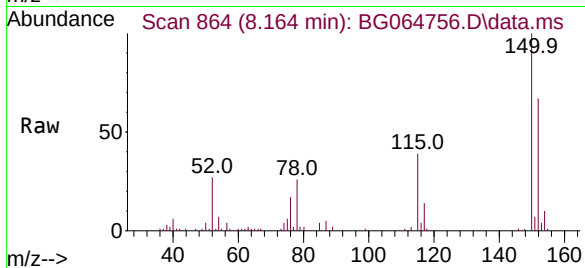
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

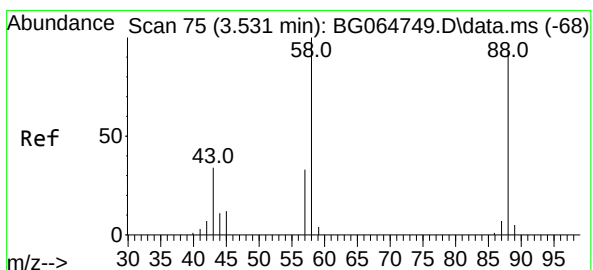
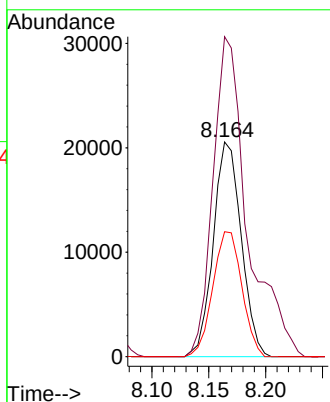
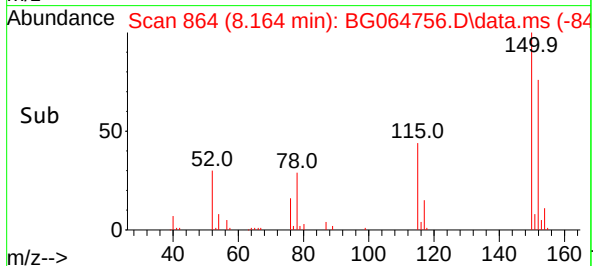


Tgt Ion:152 Resp: 35112
Ion Ratio Lower Upper
152 100
150 149.1 129.2 193.8
115 58.2 53.7 80.5

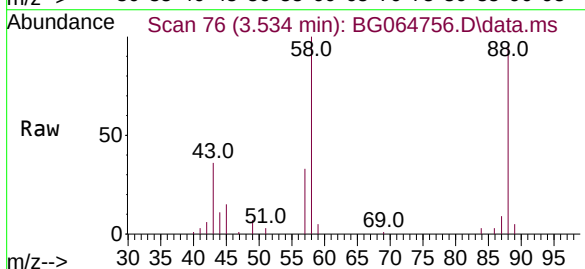
Manual Integrations

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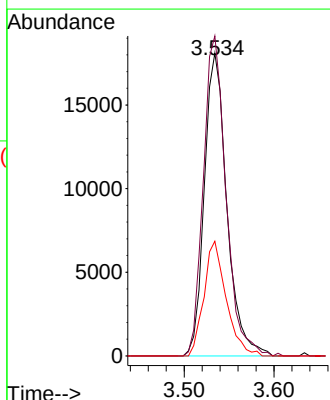
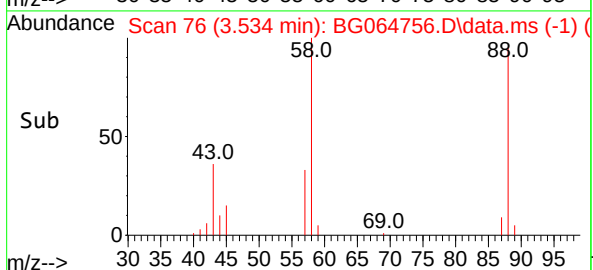
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

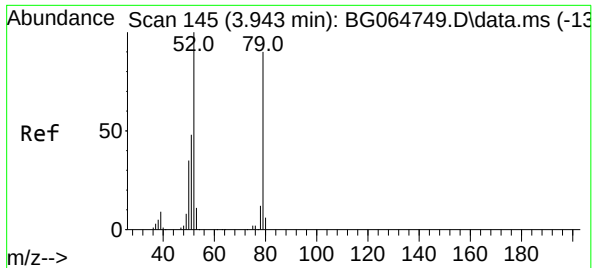


#2
1,4-Dioxane
Concen: 40.552 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



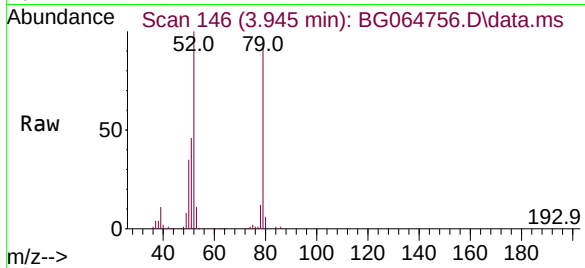
Tgt Ion: 88 Resp: 31567
Ion Ratio Lower Upper
88 100
58 106.3 84.6 126.8
43 37.4 30.0 45.0





#3
Pyridine
Concen: 40.278 ng
RT: 3.945 min Scan# 14
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

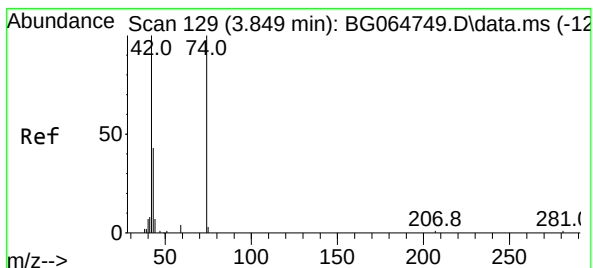
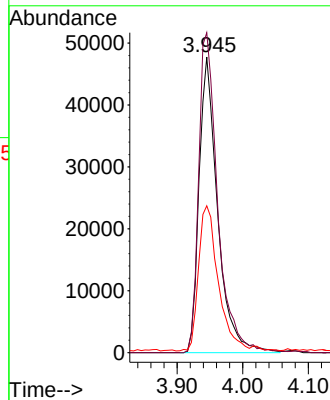
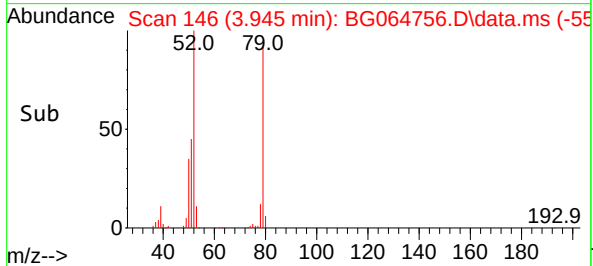
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



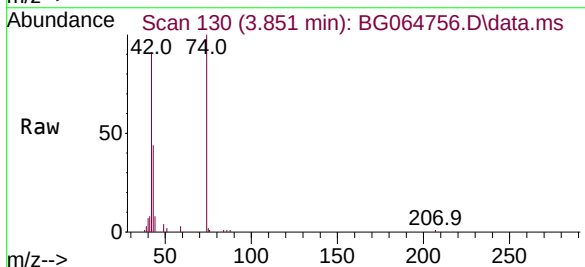
Tgt Ion: 79 Resp: 93419
Ion Ratio Lower Upper
79 100
52 108.2 89.0 133.4
51 49.7 43.4 65.0

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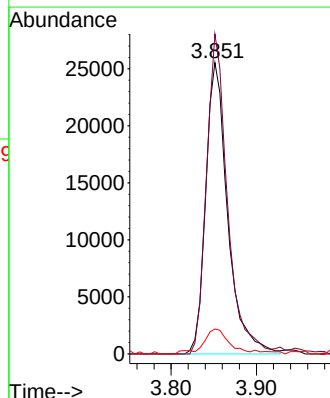
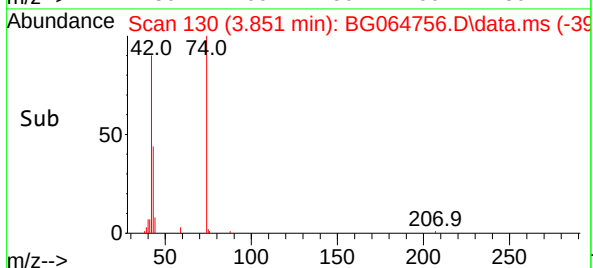
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

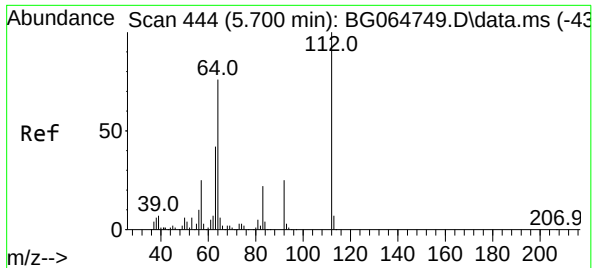


#4
n-Nitrosodimethylamine
Concen: 38.730 ng
RT: 3.851 min Scan# 130
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



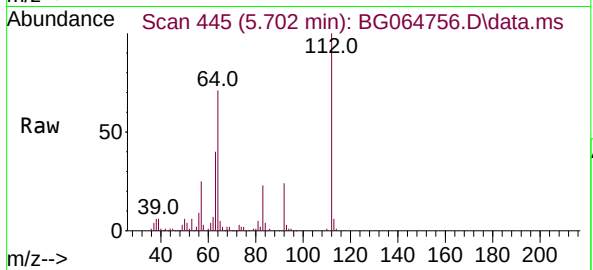
Tgt Ion: 42 Resp: 45720
Ion Ratio Lower Upper
42 100
74 109.9 79.8 119.6
44 8.6 5.9 8.9





#5
2-Fluorophenol
Concen: 79.019 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

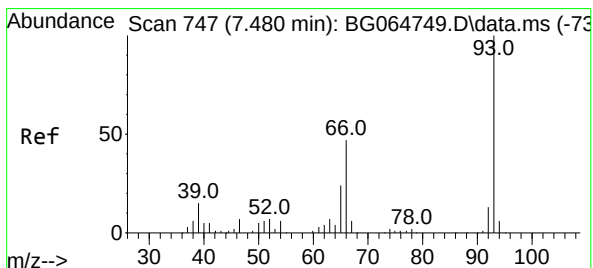
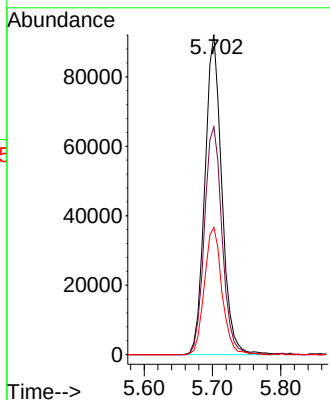
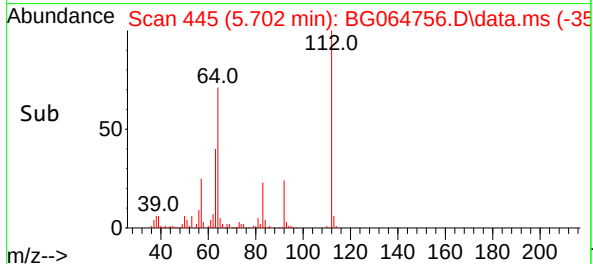
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion: 112 Resp: 15888
Ion Ratio Lower Upper
112 100
64 71.2 61.0 91.4
63 39.8 33.3 49.9

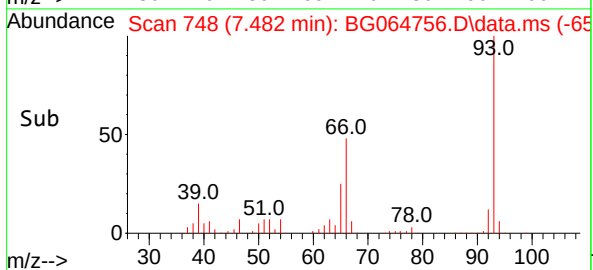
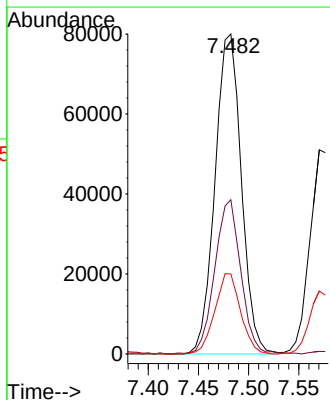
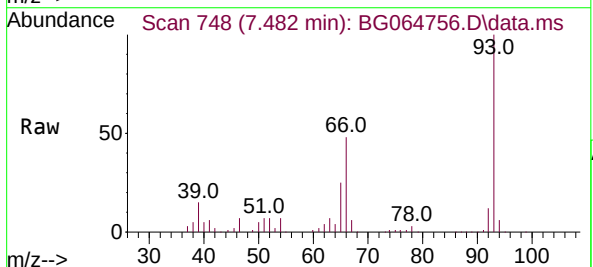
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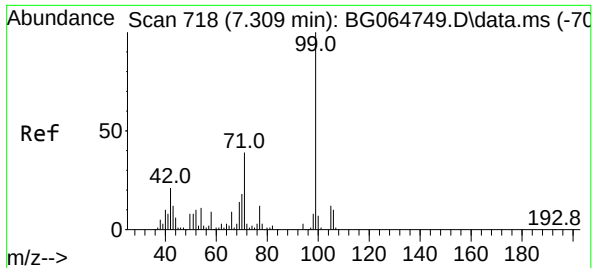
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 40.983 ng
RT: 7.482 min Scan# 748
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

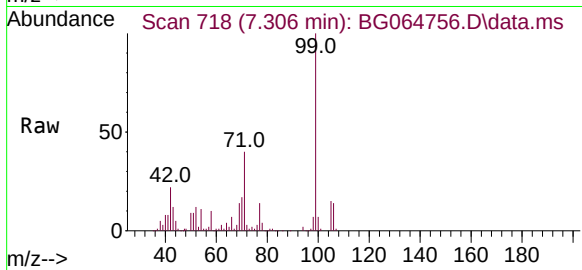
Tgt Ion: 93 Resp: 146095
Ion Ratio Lower Upper
93 100
66 48.2 37.7 56.5
65 25.0 19.1 28.7





#7
Phenol-d6
Concen: 80.798 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

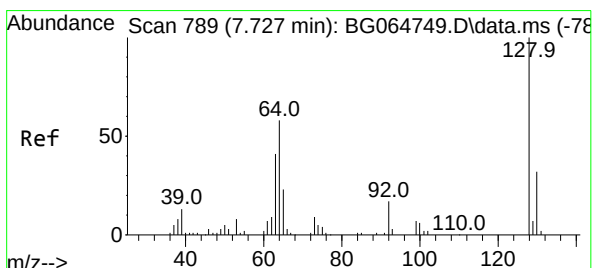
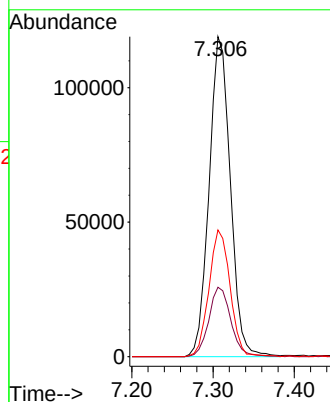
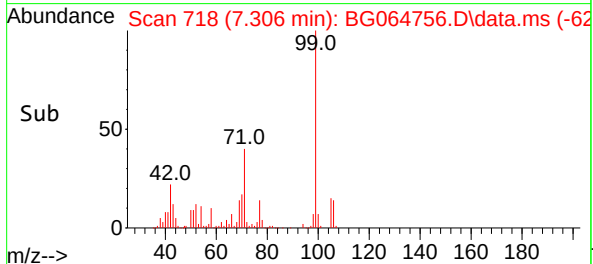
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



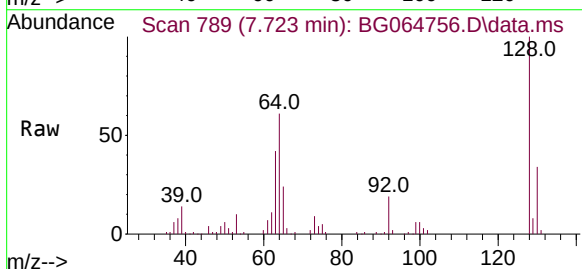
Tgt Ion: 99 Resp: 216084
Ion Ratio Lower Upper
99 100
42 21.7 16.8 25.2
71 39.6 31.1 46.7

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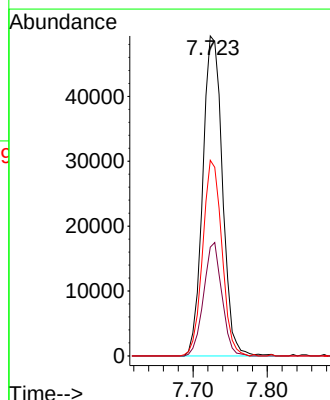
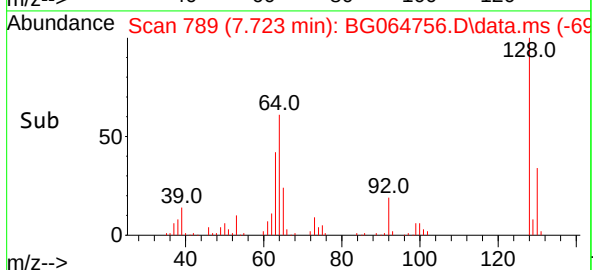
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

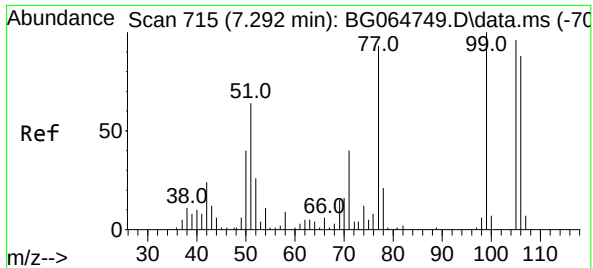


#8
2-Chlorophenol
Concen: 41.198 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:128 Resp: 90959
Ion Ratio Lower Upper
128 100
130 34.0 11.9 51.9
64 61.1 38.4 78.4





#9

Benzaldehyde

Concen: 38.639 ng

RT: 7.294 min Scan# 715

Delta R.T. 0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 67643

Ion Ratio Lower Upper

77 100

105 96.2 83.8 123.8

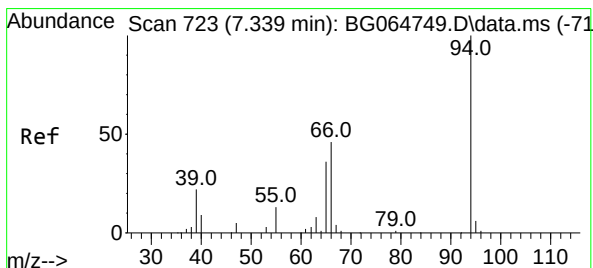
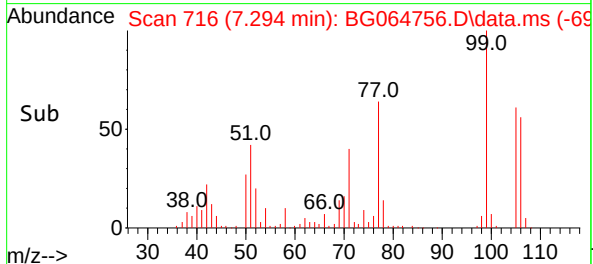
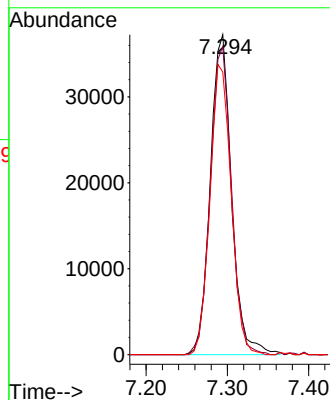
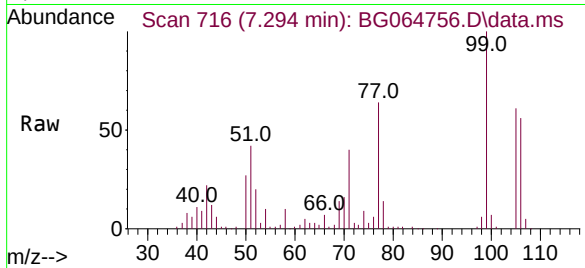
106 88.3 74.3 114.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 40.617 ng

RT: 7.335 min Scan# 723

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

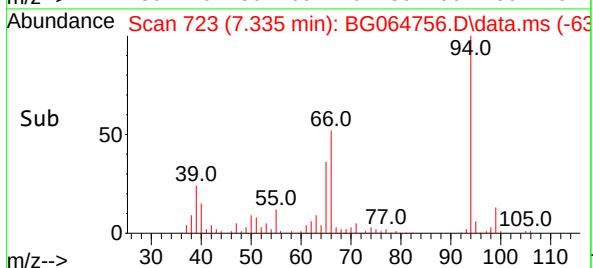
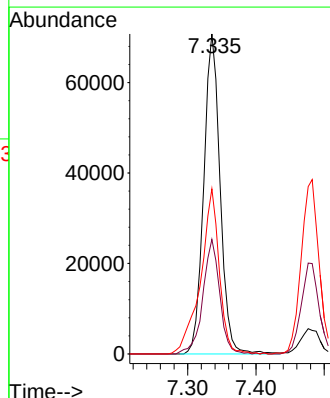
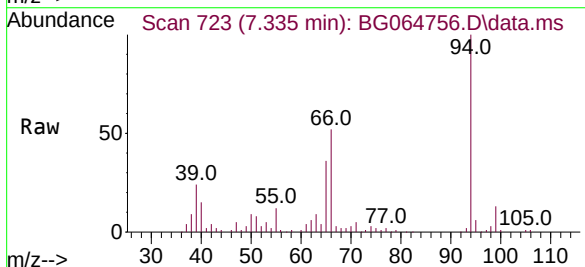
Tgt Ion: 94 Resp: 118188

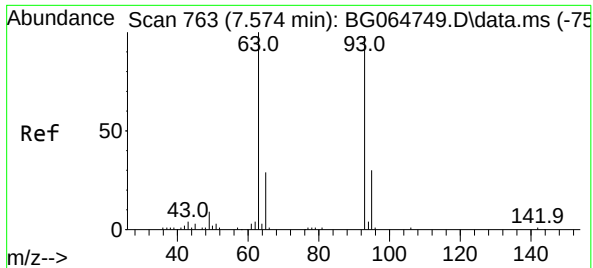
Ion Ratio Lower Upper

94 100

65 35.8 17.0 57.0

66 51.6 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 41.306 ng

RT: 7.570 min Scan# 70

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

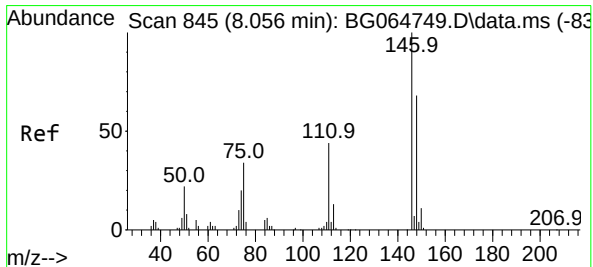
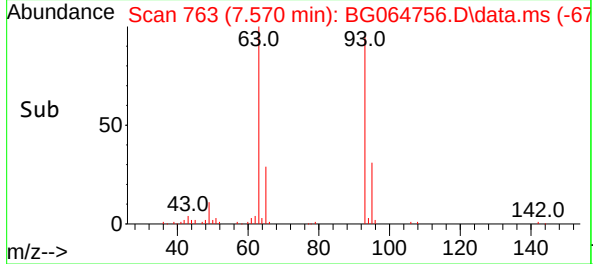
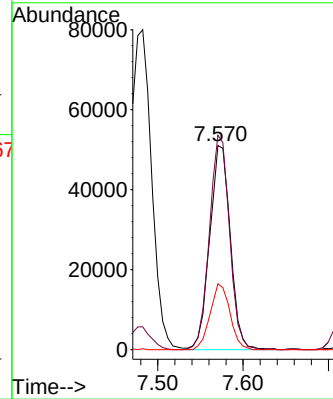
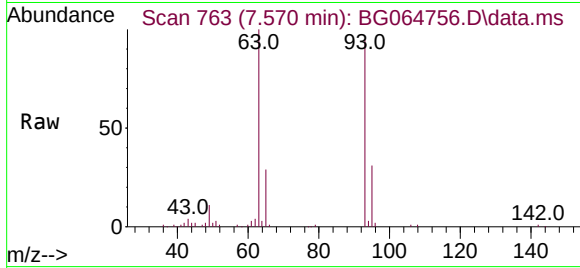
SSTDCCC040

Tgt Ion:	93	Resp:	85528
Ion	Ratio	Lower	Upper
93	100		
63	105.0	81.8	121.8
95	32.2	10.3	50.3

Manual Integrations

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 Supervised By :Sohil Jodhani 11/14/2025



#12

1,3-Dichlorobenzene

Concen: 40.027 ng

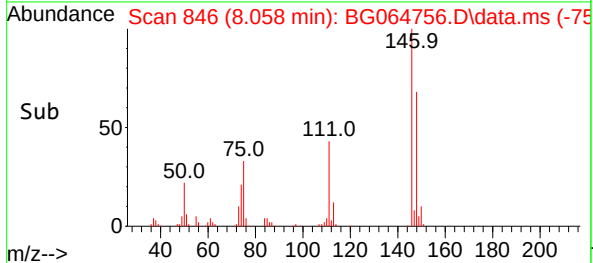
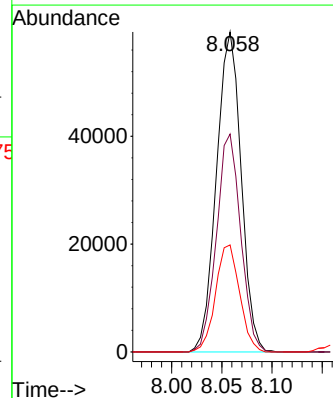
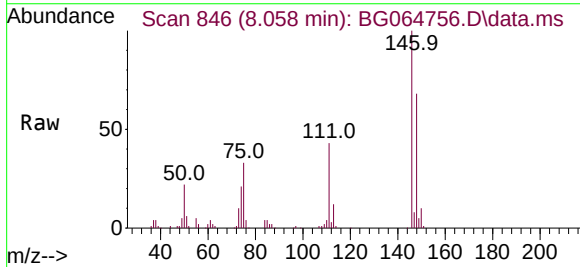
RT: 8.058 min Scan# 846

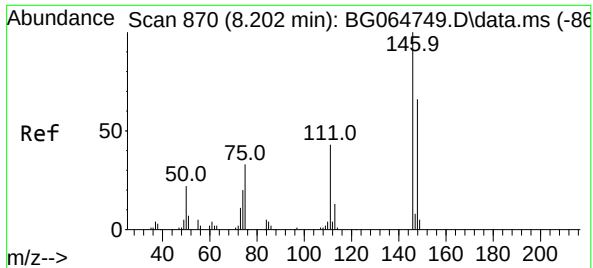
Delta R.T. 0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Tgt Ion:	146	Resp:	101690
Ion	Ratio	Lower	Upper
146	100		
148	68.1	54.6	82.0
75	33.4	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 40.130 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 103814

Ion Ratio Lower Upper

146 100

148 65.7 53.1 79.7

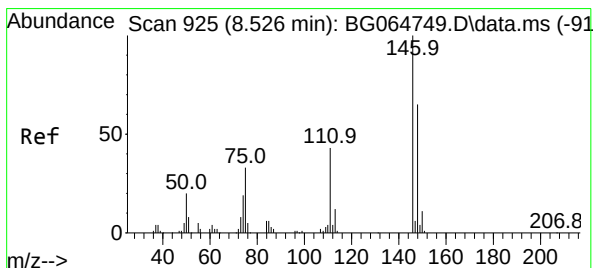
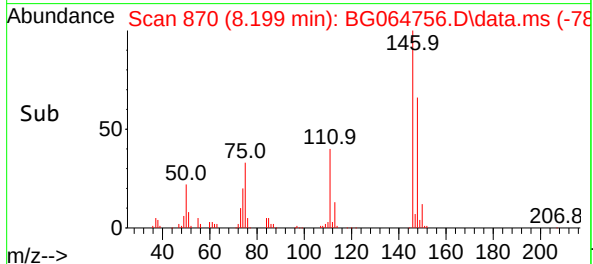
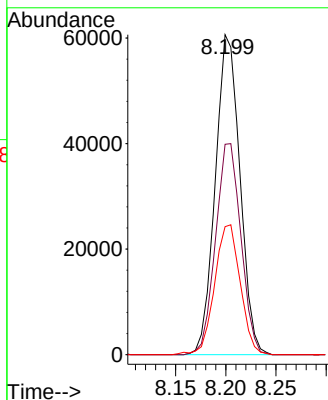
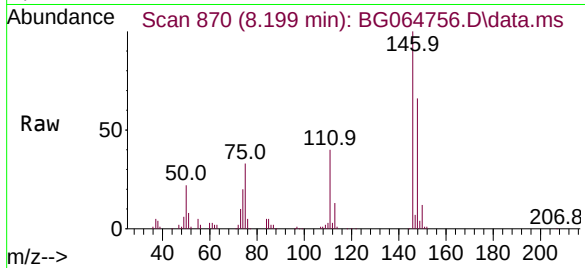
111 40.0 34.1 51.1

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: 40.268 ng

RT: 8.528 min Scan# 926

Delta R.T. 0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

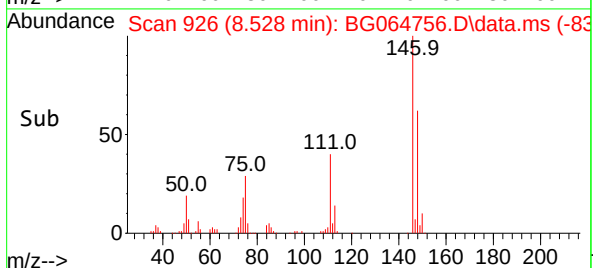
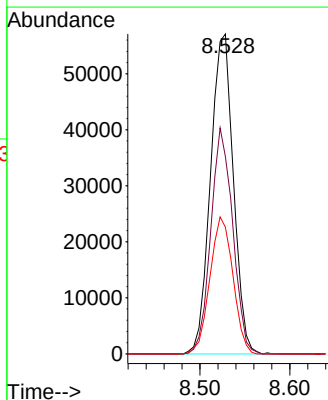
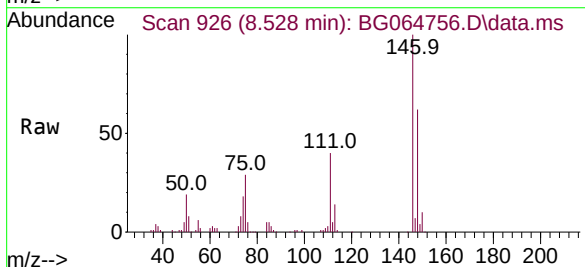
Tgt Ion:146 Resp: 101006

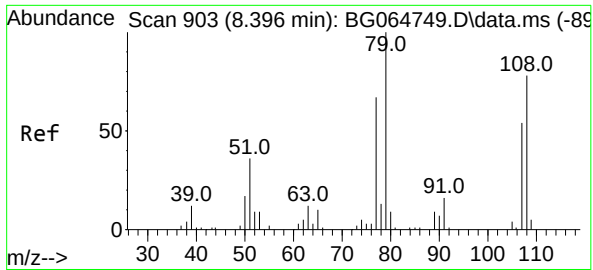
Ion Ratio Lower Upper

146 100

148 61.6 52.0 78.0

111 39.6 34.7 52.1





#15

Benzyl Alcohol

Concen: 40.855 ng

RT: 8.393 min Scan# 90

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 89684

Ion Ratio Lower Upper

79 100

108 70.9 62.3 93.5

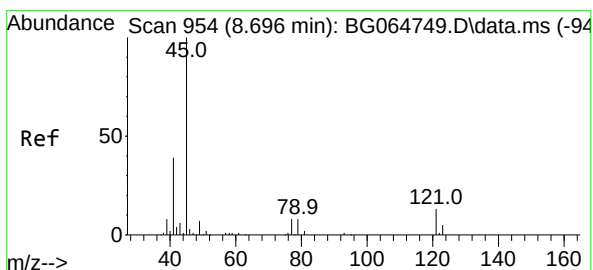
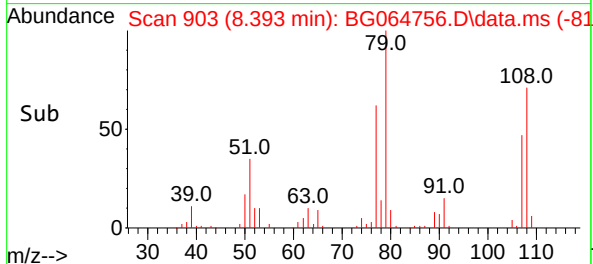
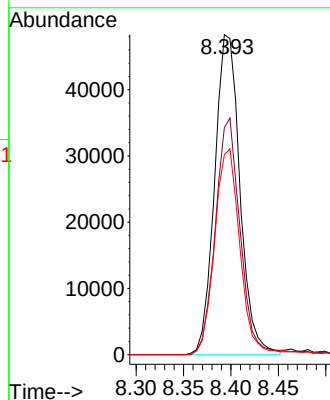
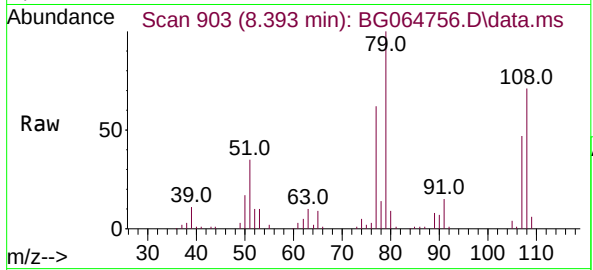
77 62.4 53.5 80.3

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: 40.617 ng

RT: 8.693 min Scan# 954

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

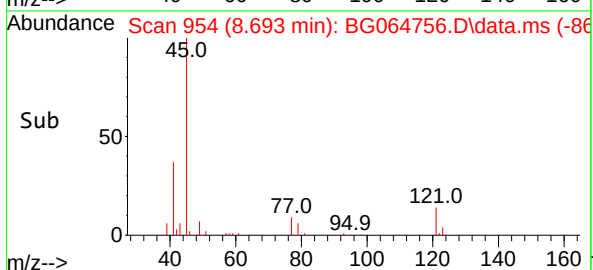
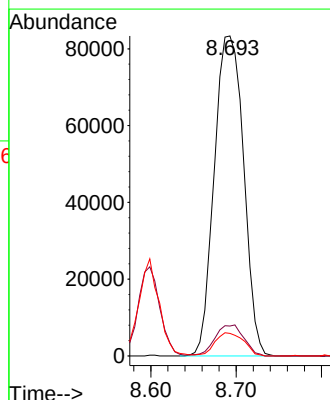
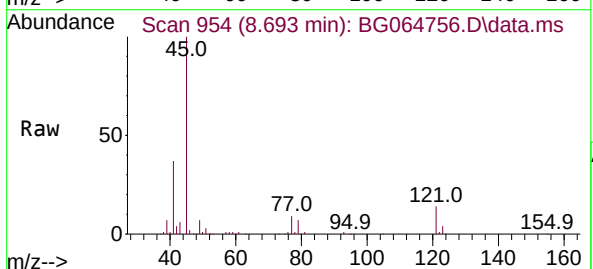
Tgt Ion: 45 Resp: 199067

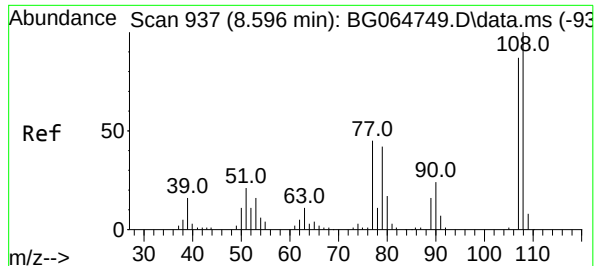
Ion Ratio Lower Upper

45 100

77 9.3 0.0 28.8

79 7.1 0.0 28.1





#17

2-Methylphenol

Concen: 40.799 ng

RT: 8.599 min Scan# 937

Delta R.T. 0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 8400

Ion Ratio Lower Upper

107 100

108 114.4 92.6 138.8

77 50.3 41.2 61.8

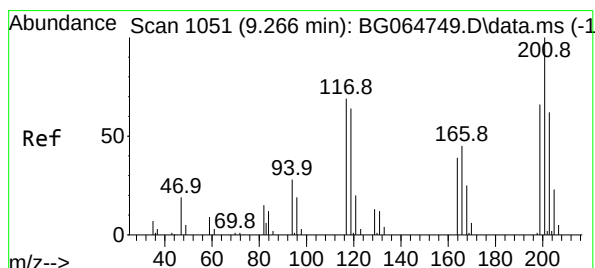
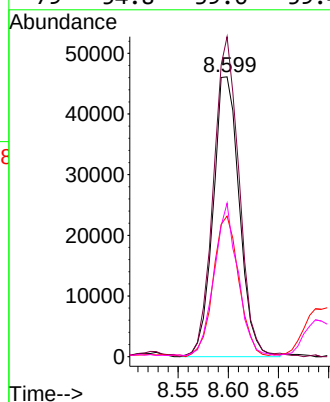
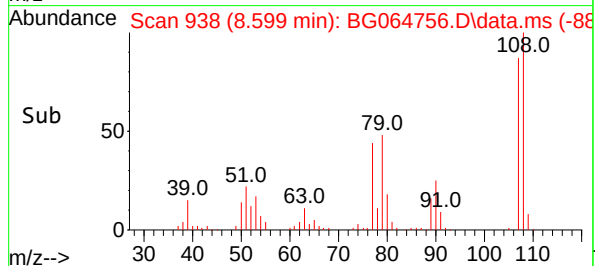
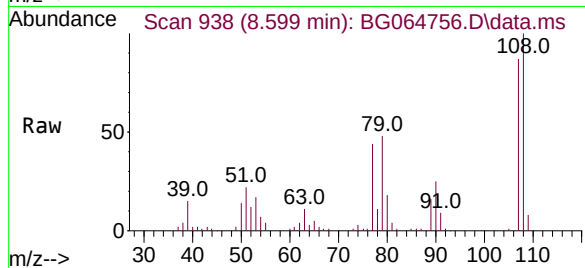
79 54.8 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 39.045 ng

RT: 9.263 min Scan# 1051

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

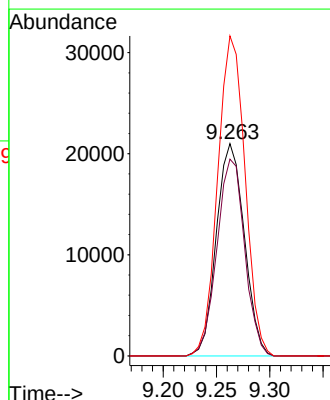
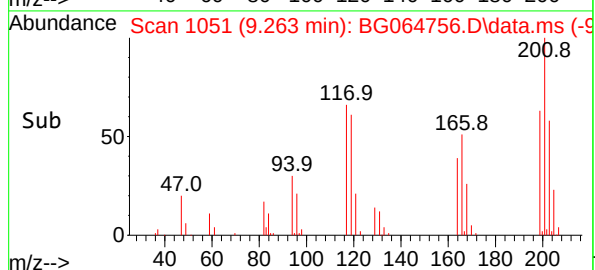
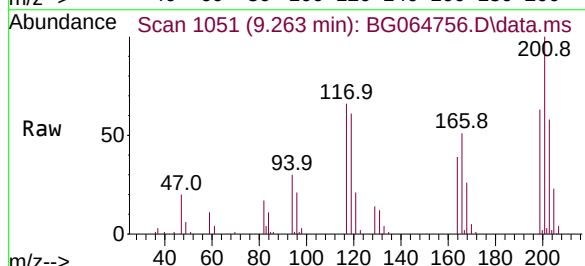
Tgt Ion:117 Resp: 38257

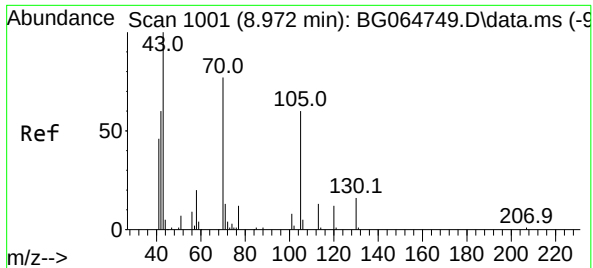
Ion Ratio Lower Upper

117 100

119 92.6 74.4 111.6

201 155.2 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.938 ng

RT: 8.969 min Scan# 10

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 75836

Ion Ratio Lower Upper

70 100

42 74.4 62.6 93.8

101 10.3 8.0 12.0

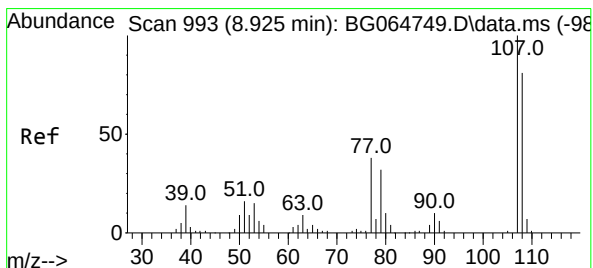
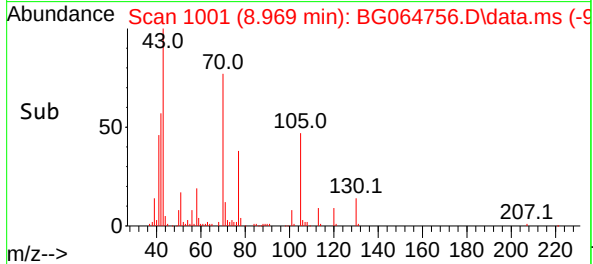
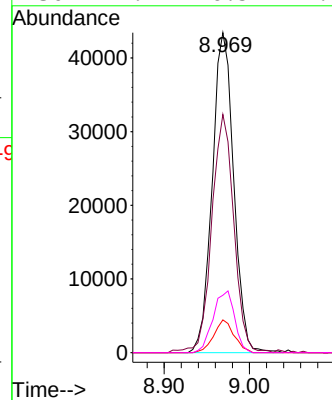
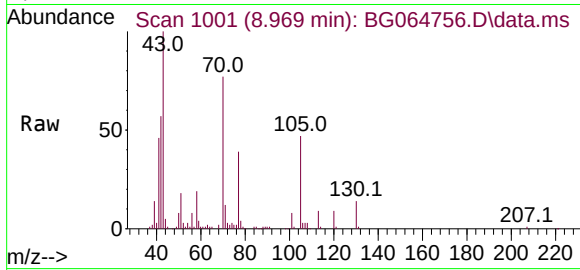
130 17.9 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 40.181 ng

RT: 8.928 min Scan# 994

Delta R.T. 0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Tgt Ion:107 Resp: 113335

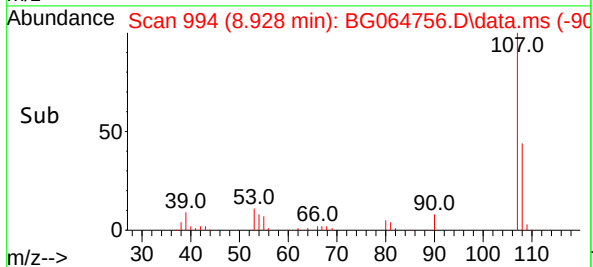
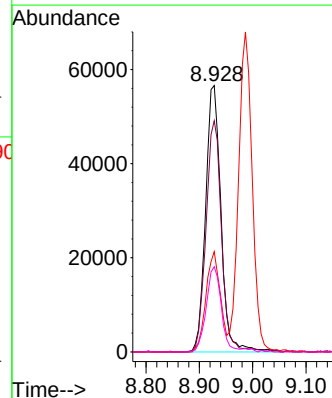
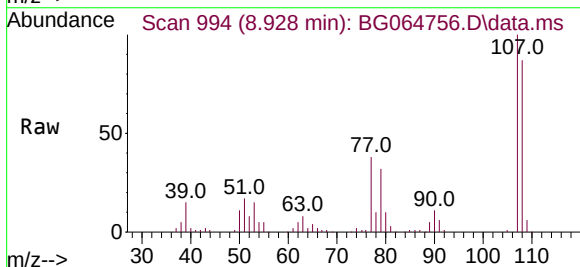
Ion Ratio Lower Upper

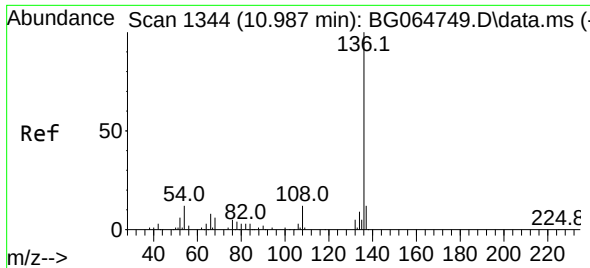
107 100

108 86.8 61.0 101.0

77 37.7 17.6 57.6

79 32.0 12.3 52.3





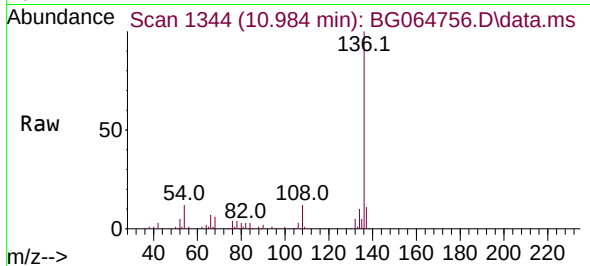
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

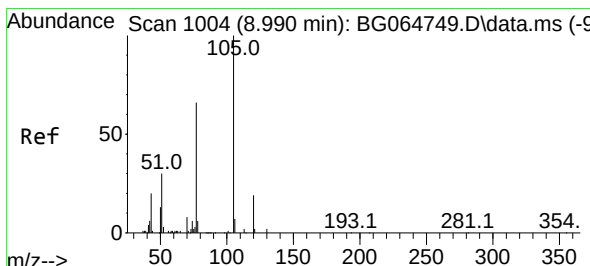
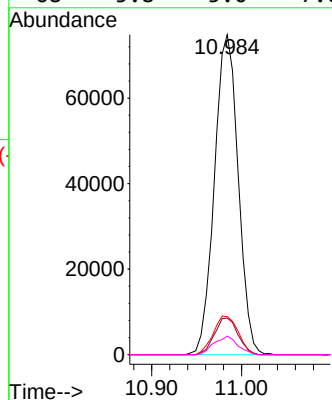
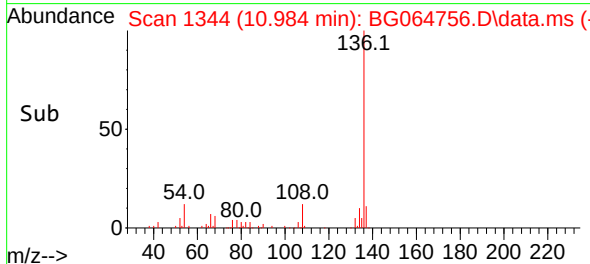


Tgt Ion:136 Resp: 138078
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 11.9 9.3 13.9
68 5.8 5.0 7.6

Manual Integrations

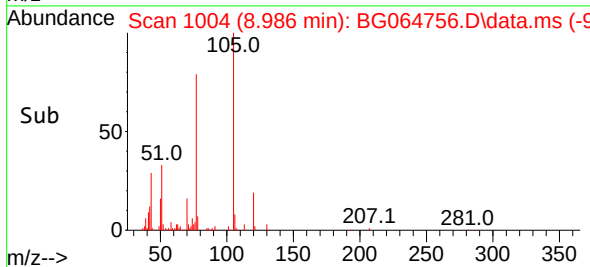
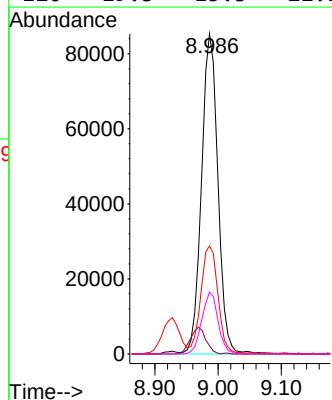
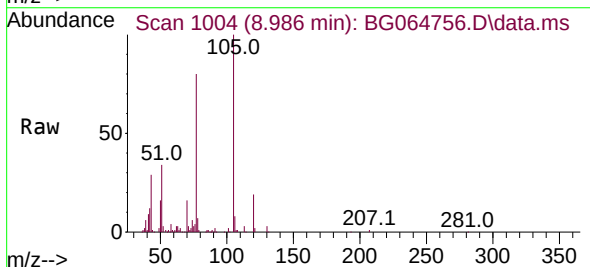
APPROVED

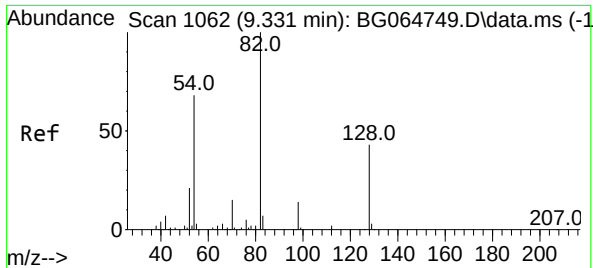
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 40.914 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Tgt Ion:105 Resp: 153912
Ion Ratio Lower Upper
105 100
71 2.6 1.3 1.9#
51 33.7 27.9 41.9
120 19.3 15.3 22.9





#23

Nitrobenzene-d5

Concen: 80.098 ng

RT: 9.327 min Scan# 1062

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 22368

Ion Ratio Lower Upper

82 100

128 41.3 34.1 51.1

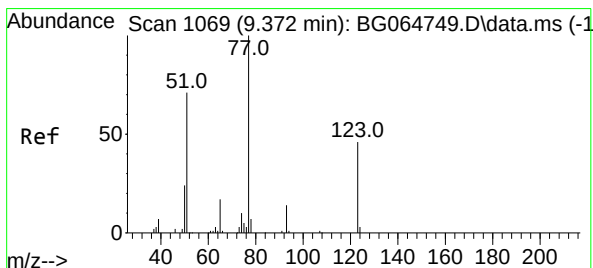
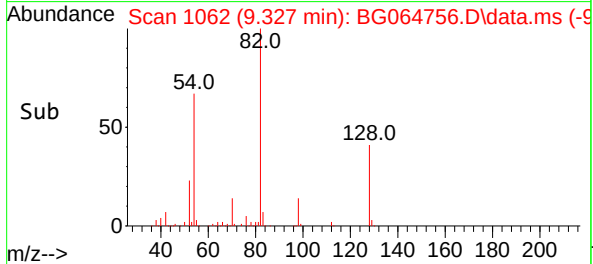
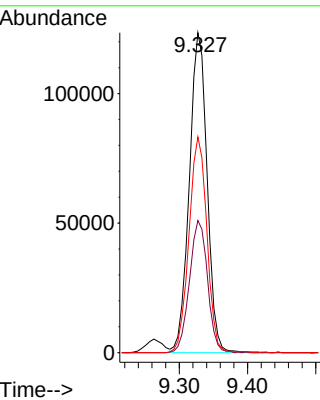
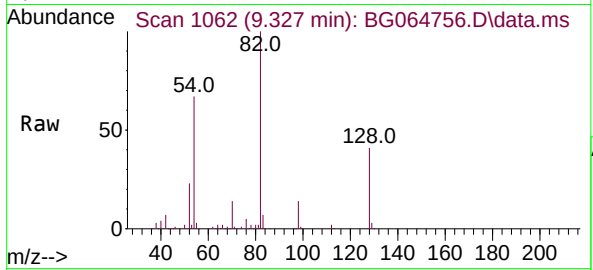
54 67.4 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 41.366 ng

RT: 9.368 min Scan# 1069

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

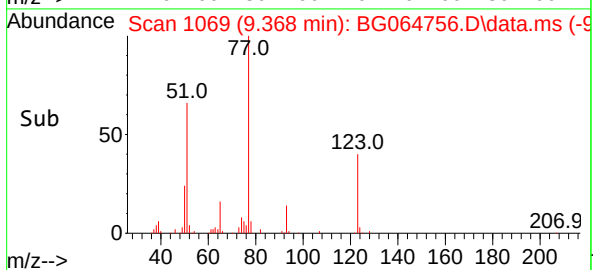
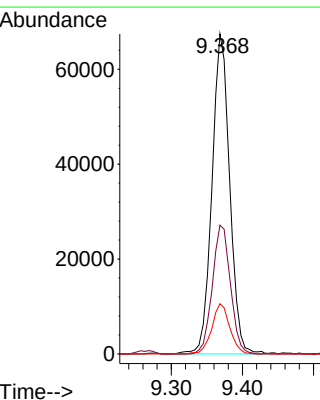
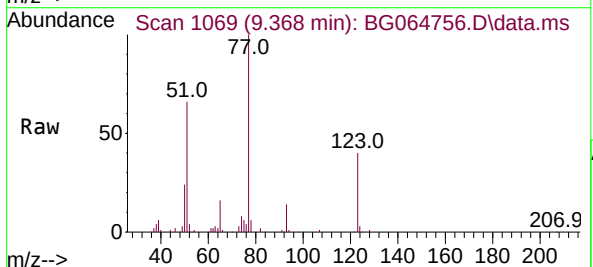
Tgt Ion: 77 Resp: 116726

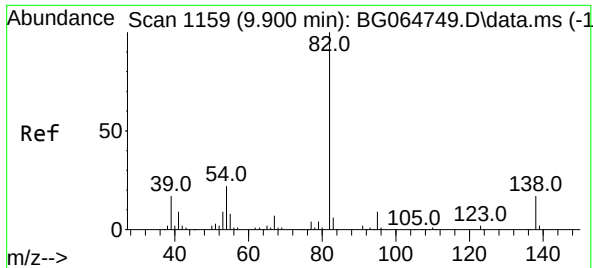
Ion Ratio Lower Upper

77 100

123 40.2 36.5 54.7

65 15.7 13.5 20.3





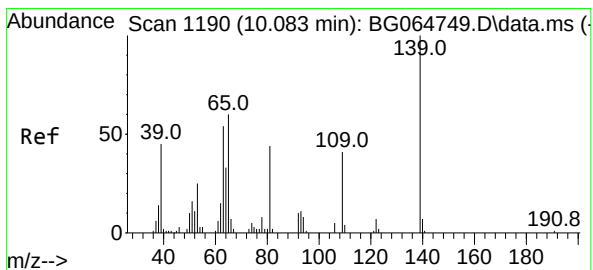
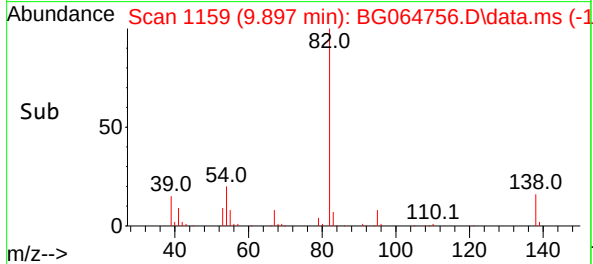
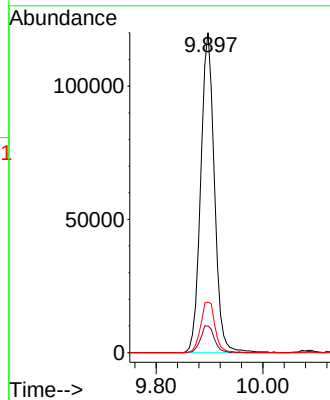
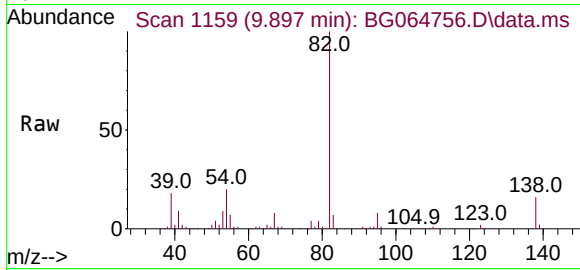
#25
Isophorone
Concen: 40.143 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 213488
Ion Ratio Lower Upper
82 100
95 8.3 6.9 10.3
138 15.8 13.9 20.9

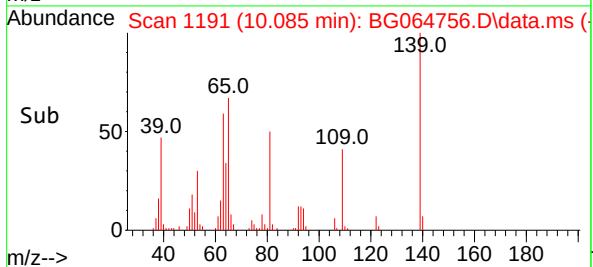
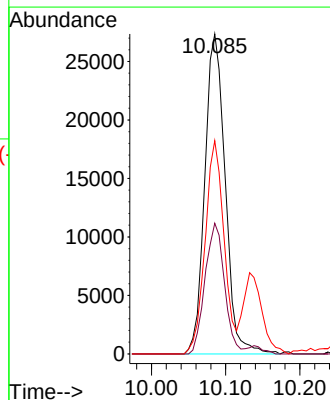
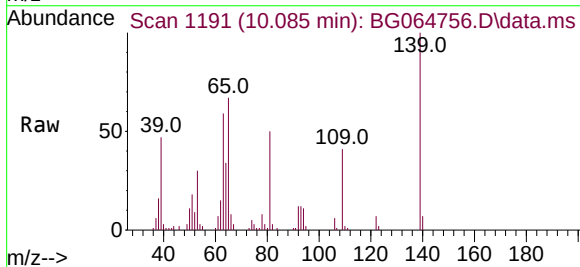
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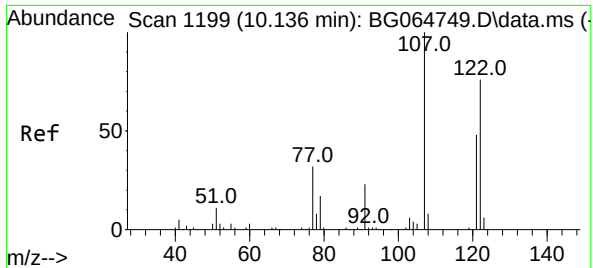
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 41.155 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Tgt Ion:139 Resp: 52234
Ion Ratio Lower Upper
139 100
109 40.8 32.5 48.7
65 66.6 47.6 71.4





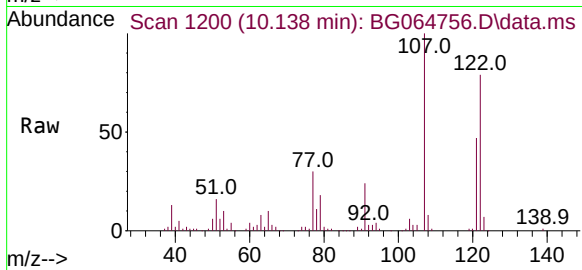
#27
2,4-Dimethylphenol
Concen: 41.541 ng
RT: 10.138 min Scan# 1199
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

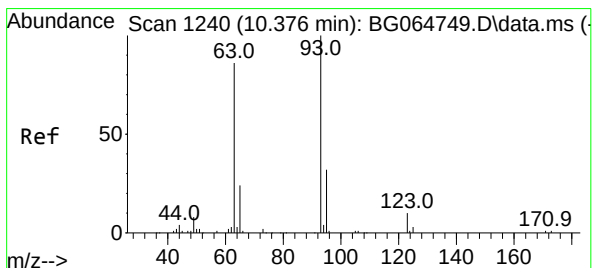
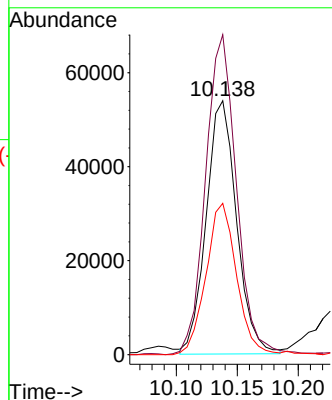
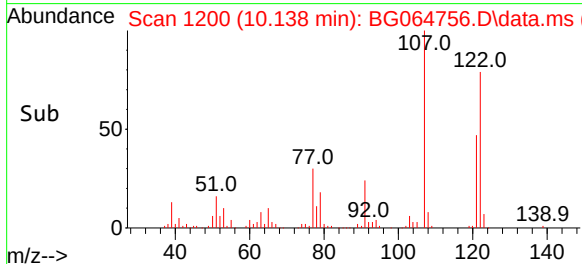


Tgt Ion:122 Resp: 93669
Ion Ratio Lower Upper
122 100
107 126.0 102.5 153.7
121 59.6 49.0 73.6

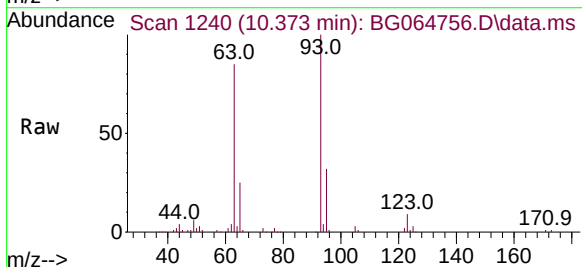
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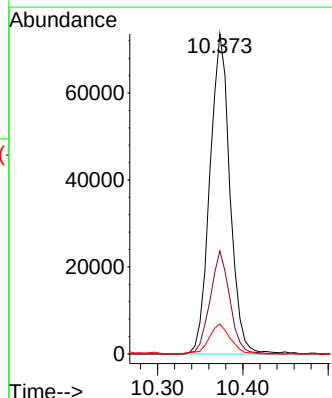
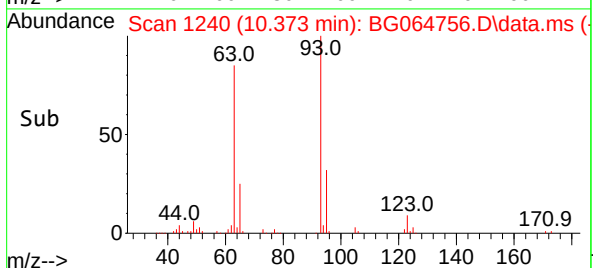
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

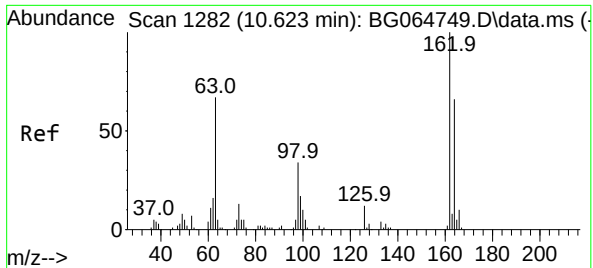


#28
bis(2-Chloroethoxy)methane
Concen: 41.096 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion: 93 Resp: 119986
Ion Ratio Lower Upper
93 100
95 32.1 25.4 38.2
123 9.3 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 41.559 ng

RT: 10.620 min Scan# 1282

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 100607

Ion Ratio Lower Upper

162 100

164 66.7 46.0 86.0

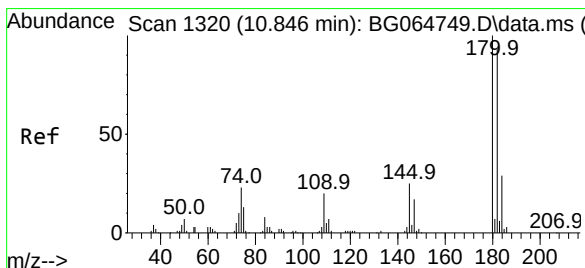
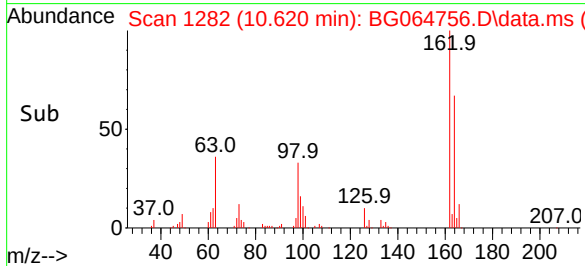
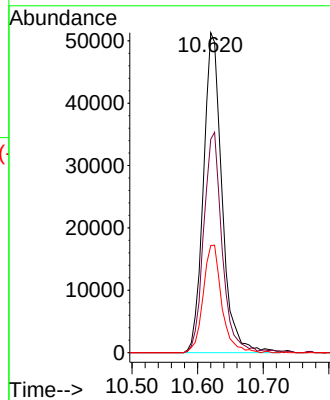
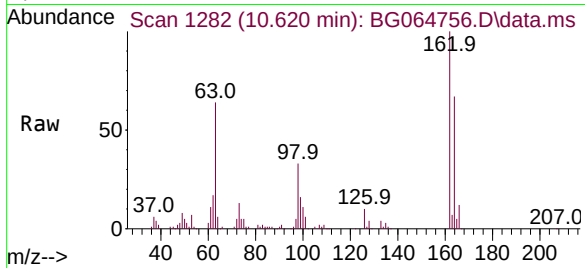
98 33.5 14.2 54.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.713 ng

RT: 10.843 min Scan# 1320

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

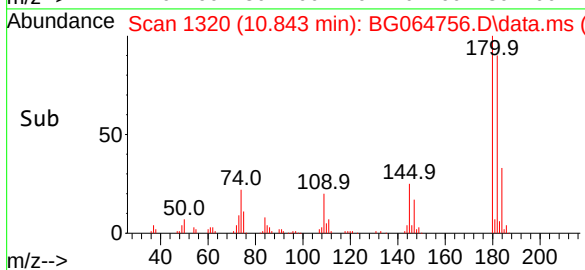
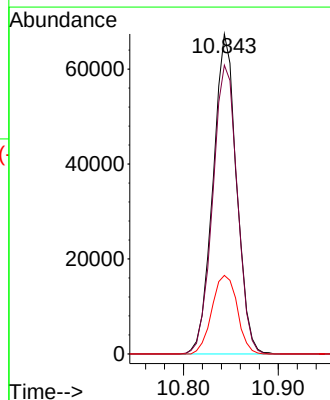
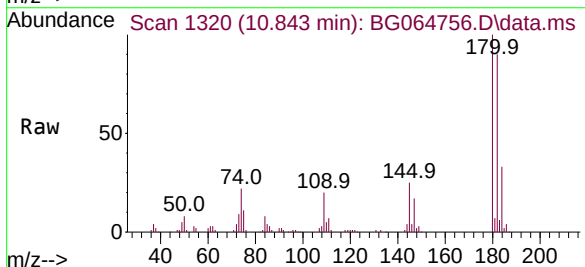
Tgt Ion:180 Resp: 116090

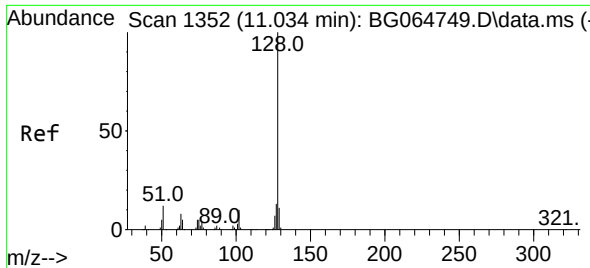
Ion Ratio Lower Upper

180 100

182 90.2 74.2 111.4

145 24.5 20.0 30.0





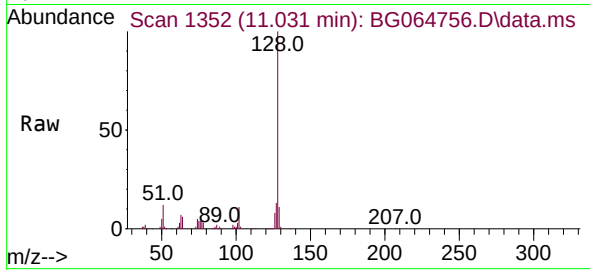
#31
Naphthalene
Concen: 39.617 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

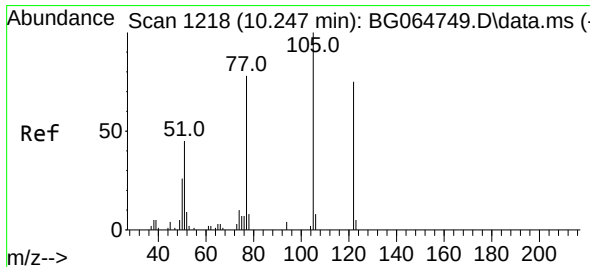
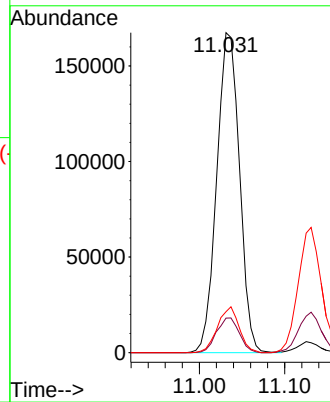
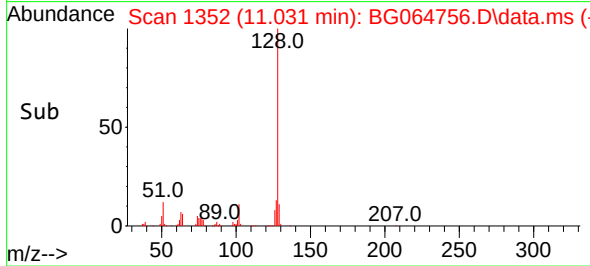


Tgt Ion:128 Resp: 31092
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.8 10.6 16.0

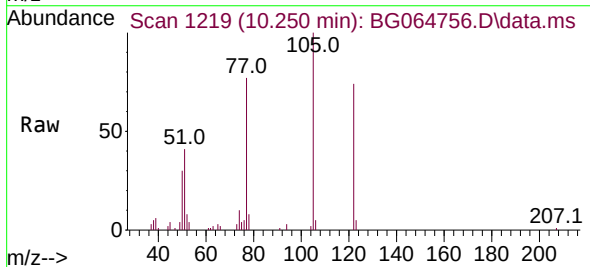
Manual Integrations

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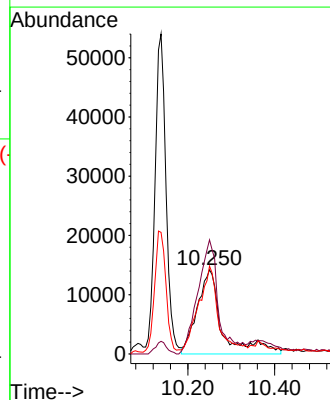
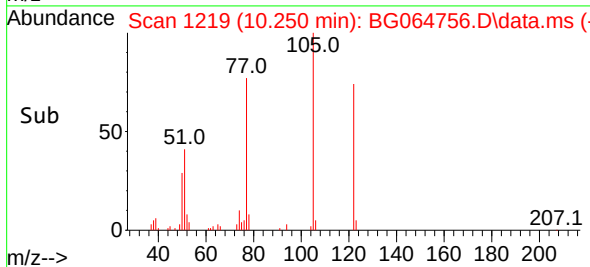
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

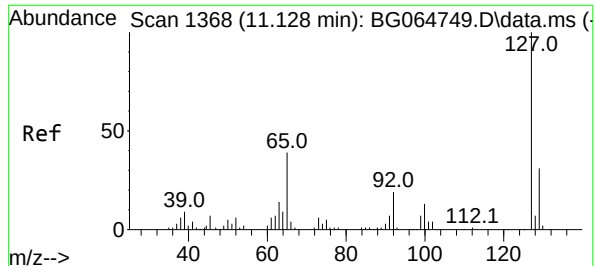


#32
Benzoic acid
Concen: 36.836 ng m
RT: 10.250 min Scan# 1219
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:122 Resp: 56140
Ion Ratio Lower Upper
122 100
105 135.6 107.6 147.6
77 104.4 82.5 122.5





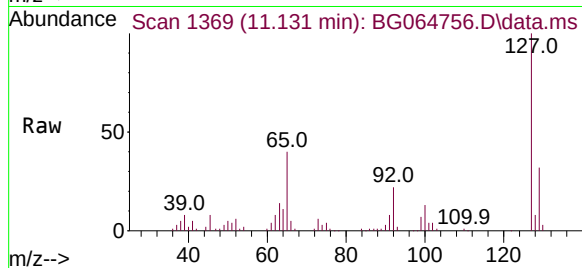
#33
4-Chloroaniline
Concen: 40.682 ng
RT: 11.131 min Scan# 1369
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

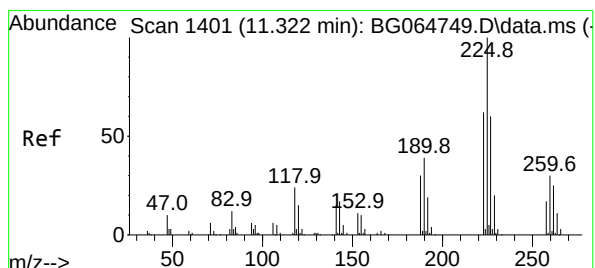
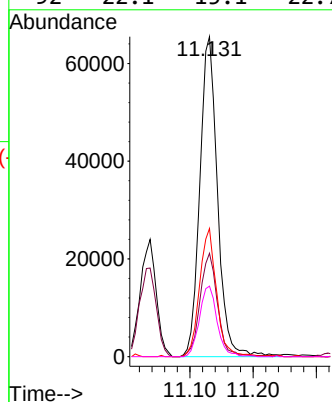
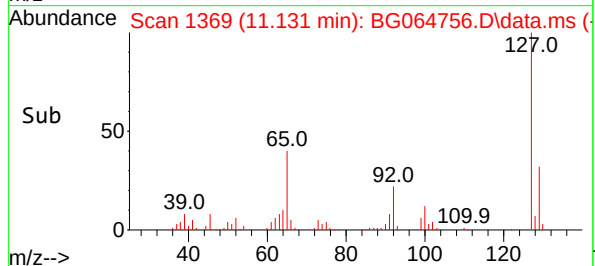


Tgt Ion:127 Resp: 12738
Ion Ratio Lower Upper
127 100
129 32.3 24.9 37.3
65 40.0 30.9 46.3
92 22.1 15.1 22.7

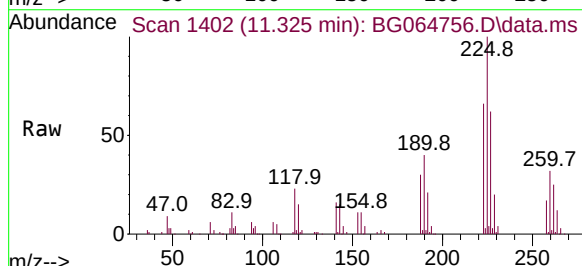
Manual Integrations

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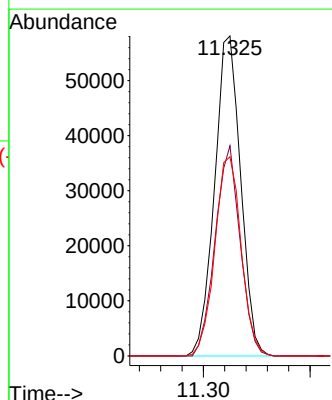
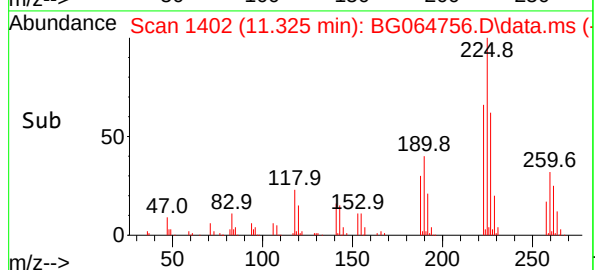
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

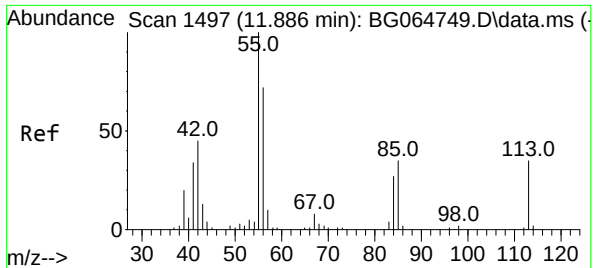


#34
Hexachlorobutadiene
Concen: 39.394 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:225 Resp: 98806
Ion Ratio Lower Upper
225 100
223 62.9 49.9 74.9
227 59.6 50.6 75.8





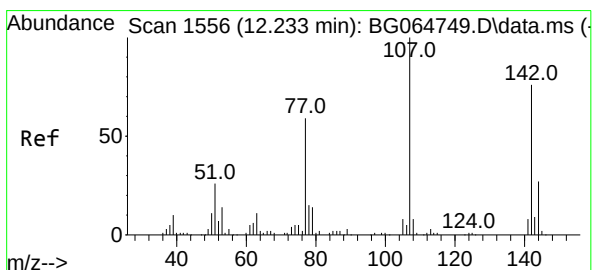
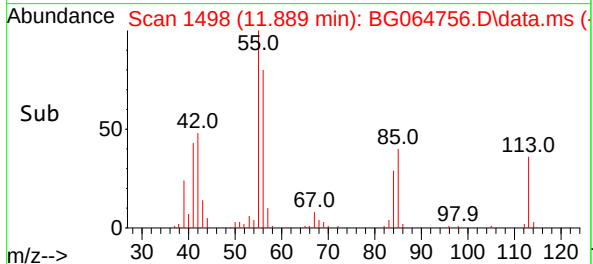
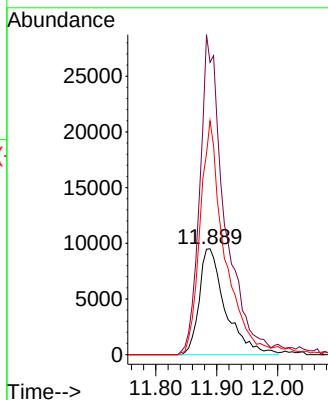
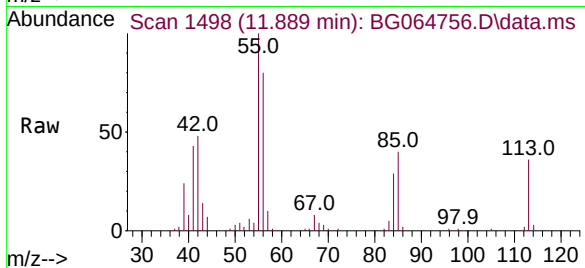
#35
Caprolactam
Concen: 39.364 ng
RT: 11.889 min Scan# 1497
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 28502
Ion Ratio Lower Upper
113 100
55 276.2 263.7 303.7
56 221.0 184.0 224.0

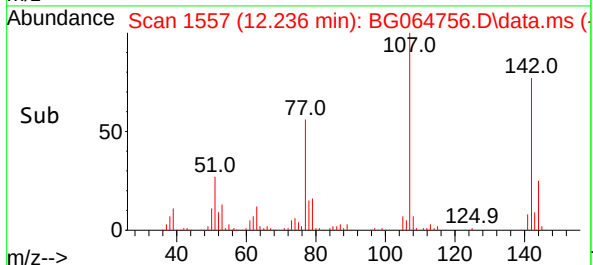
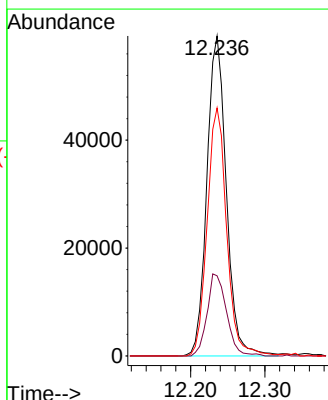
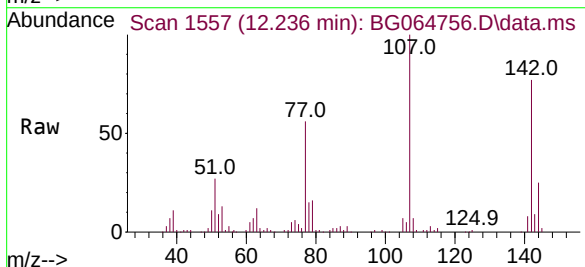
Manual Integrations
APPROVED

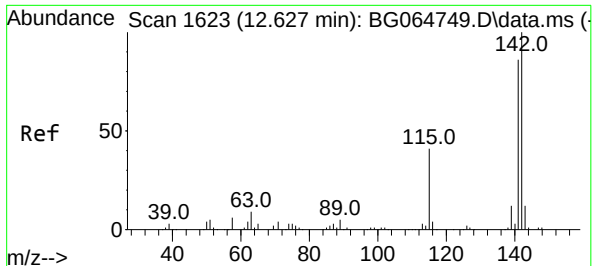
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#36
4-Chloro-3-methylphenol
Concen: 40.031 ng
RT: 12.236 min Scan# 1557
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

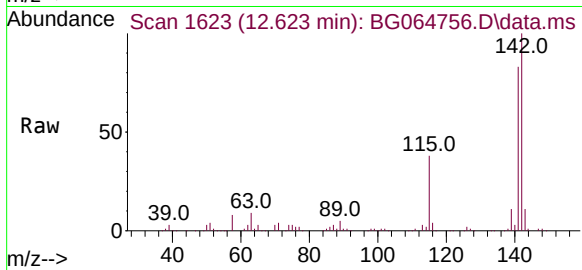
Tgt Ion:107 Resp: 107863
Ion Ratio Lower Upper
107 100
144 25.0 21.7 32.5
142 77.5 60.8 91.2





#37
2-Methylnaphthalene
Concen: 39.654 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

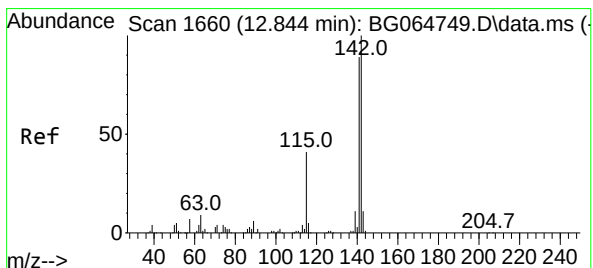
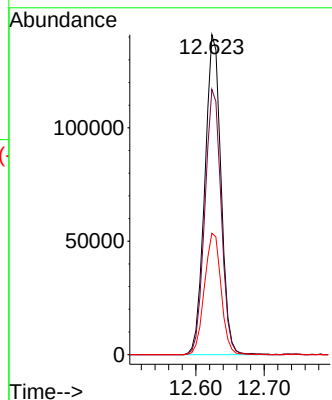
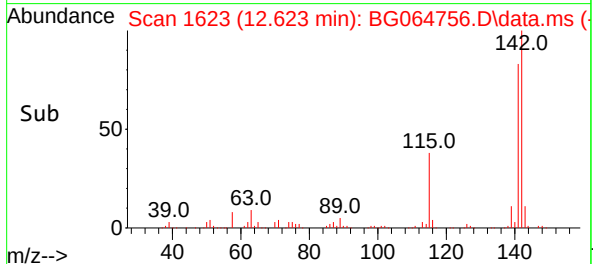
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



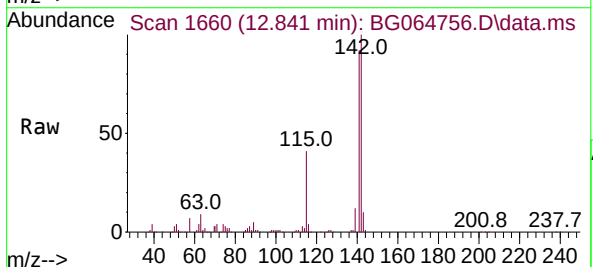
Tgt Ion:142 Resp: 232272
Ion Ratio Lower Upper
142 100
141 82.9 69.1 103.7
115 37.9 32.9 49.3

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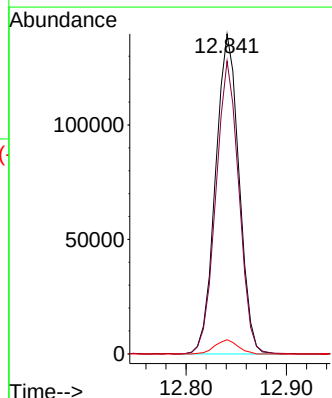
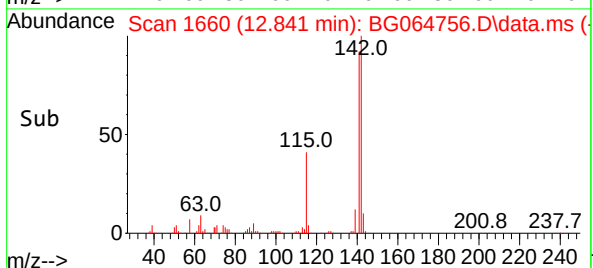
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

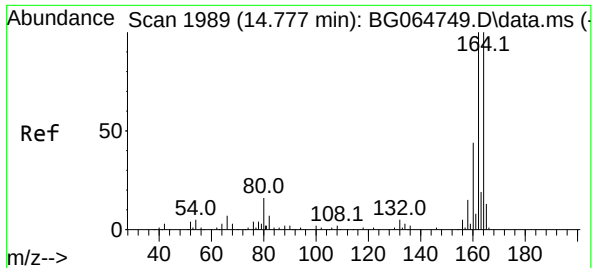


#38
1-Methylnaphthalene
Concen: 39.121 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:142 Resp: 227626
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2
116 4.4 3.7 5.5





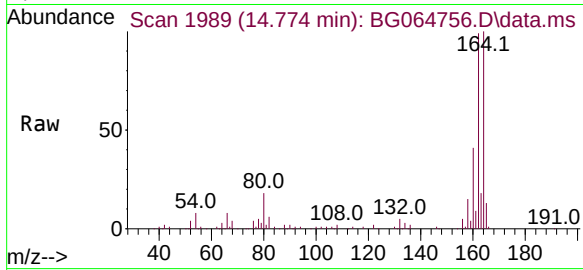
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

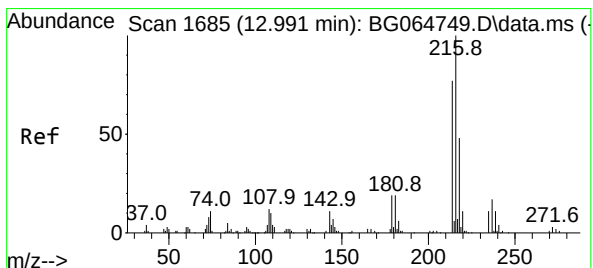
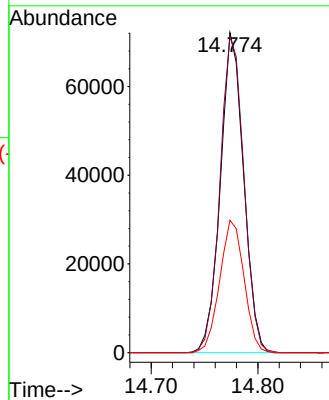
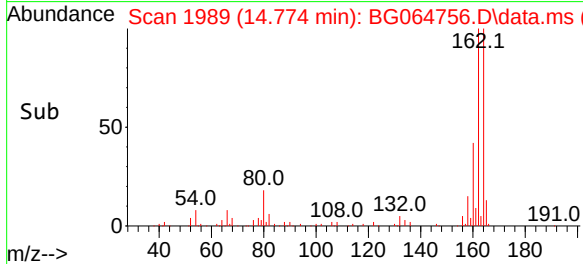


Tgt Ion:164 Resp: 109512
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.6
160 41.3 34.9 52.3

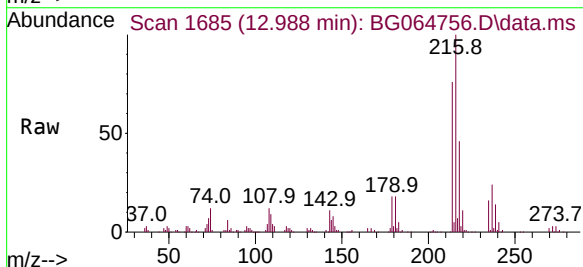
Manual Integrations

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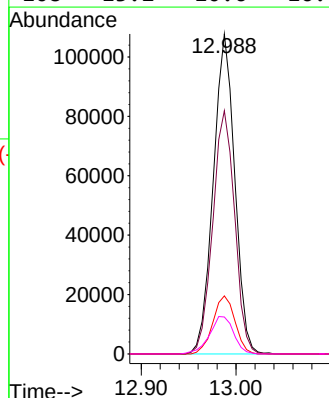
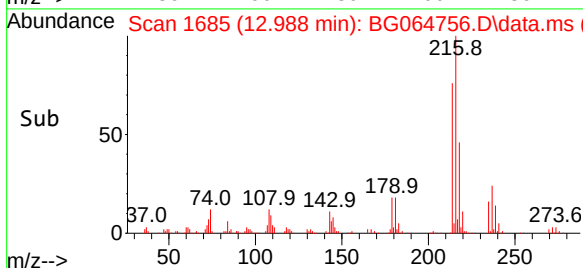
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

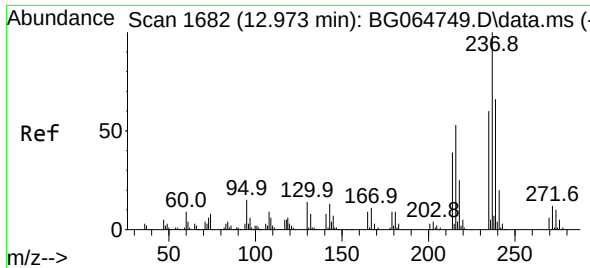


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.731 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



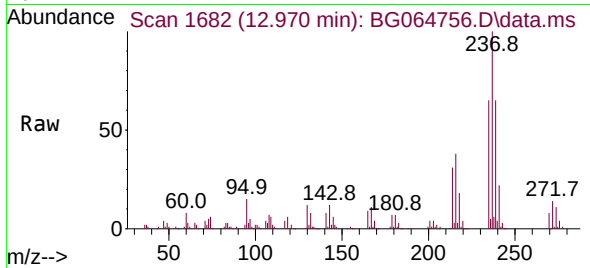
Tgt Ion:216 Resp: 169329
Ion Ratio Lower Upper
216 100
214 77.4 60.5 90.7
179 18.6 14.7 22.1
108 13.2 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 40.587 ng
RT: 12.970 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

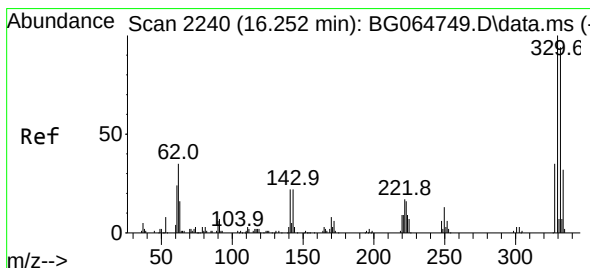
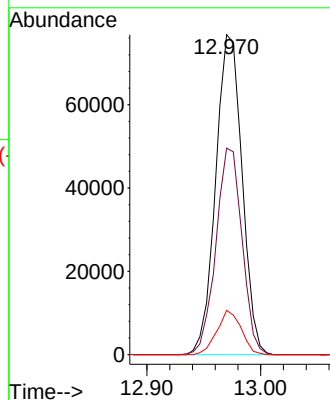
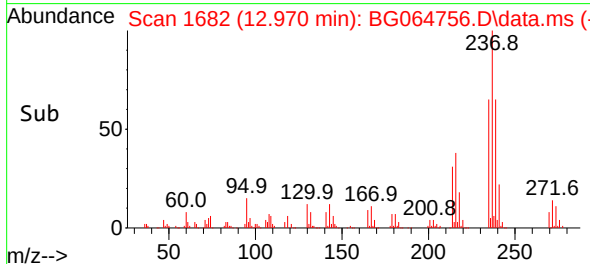
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



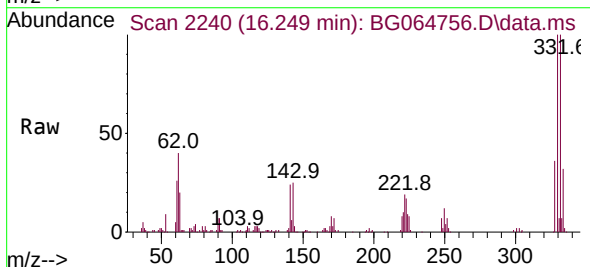
Tgt Ion:237 Resp: 123985
Ion Ratio Lower Upper
237 100
235 64.5 40.2 80.2
272 13.8 0.0 31.9

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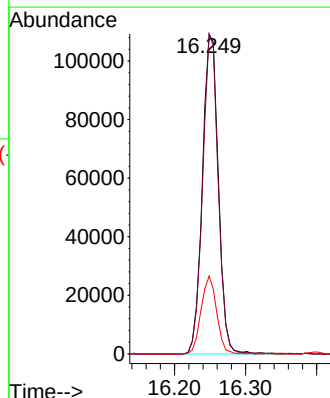
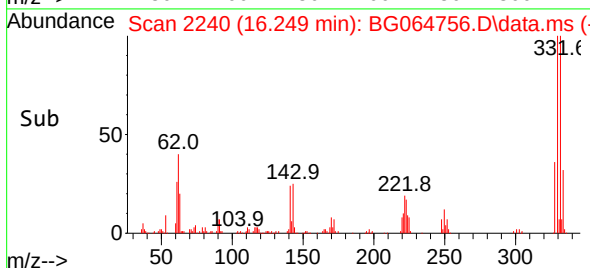
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

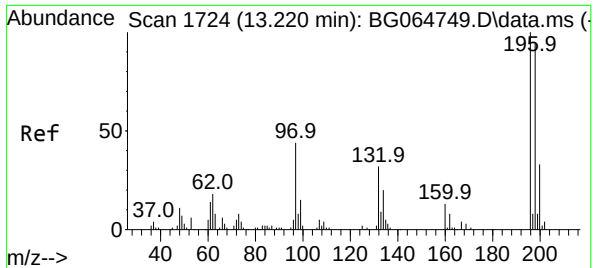


#42
2,4,6-Tribromophenol
Concen: 79.386 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:330 Resp: 169555
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 23.6 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 40.960 ng

RT: 13.217 min Scan# 1724

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 102456

Ion Ratio Lower Upper

196 100

198 94.5 75.3 112.9

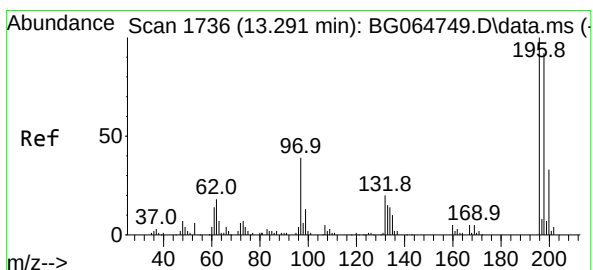
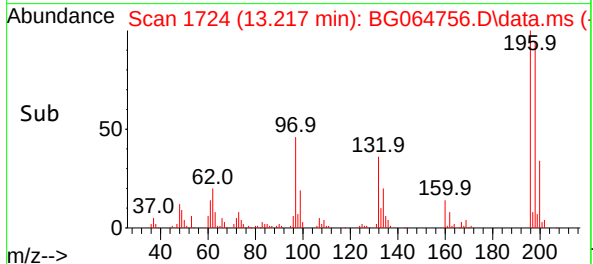
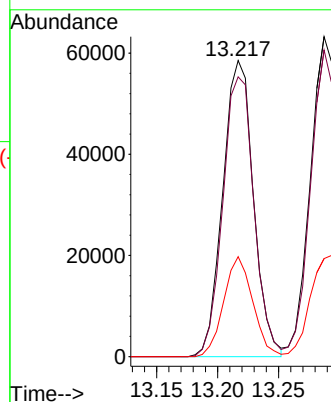
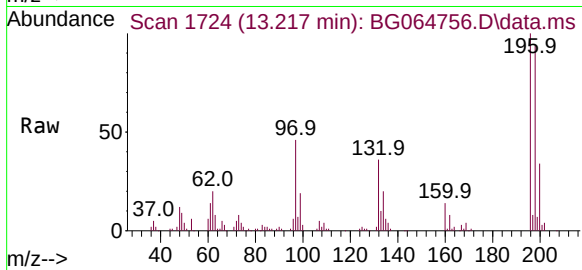
200 33.8 26.2 39.2

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: 41.043 ng

RT: 13.287 min Scan# 1736

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Tgt Ion:196 Resp: 115145

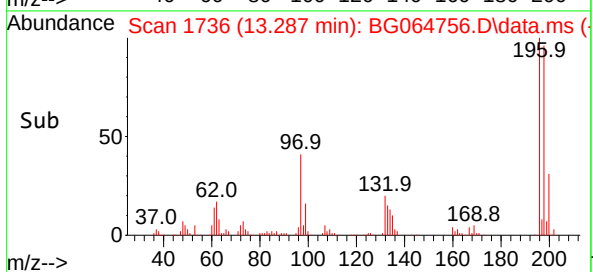
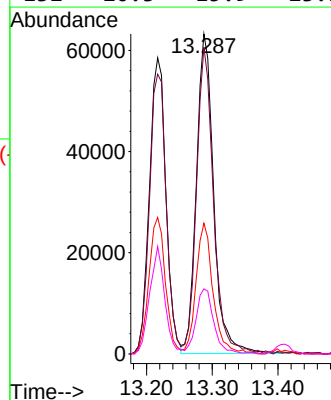
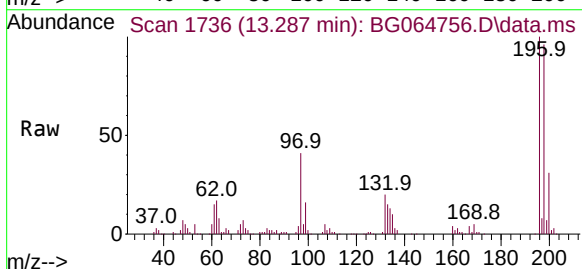
Ion Ratio Lower Upper

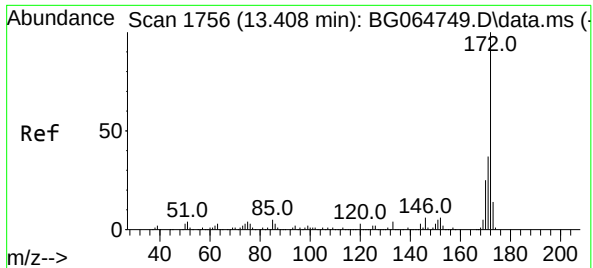
196 100

198 95.8 73.2 109.8

97 40.8 31.4 47.0

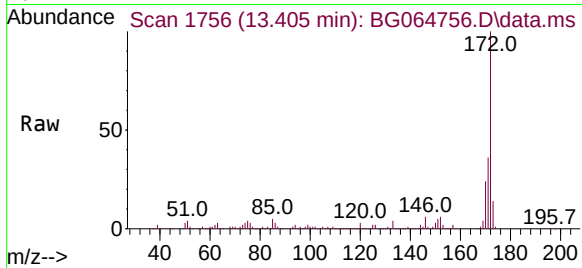
132 20.3 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 80.083 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

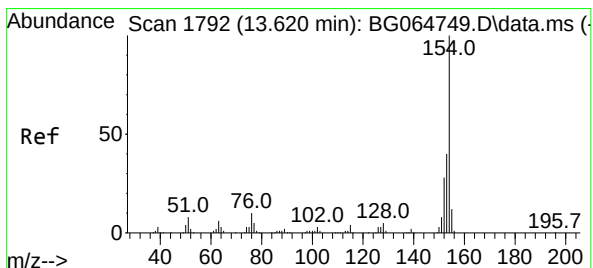
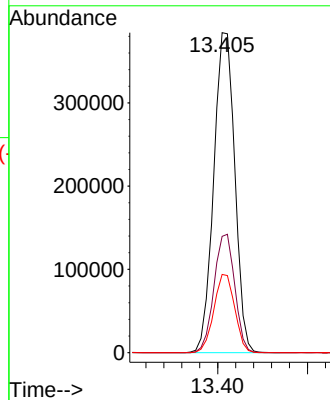
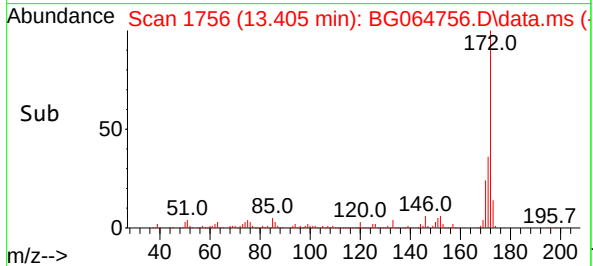
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:172 Resp: 628526
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 24.4 19.8 29.6

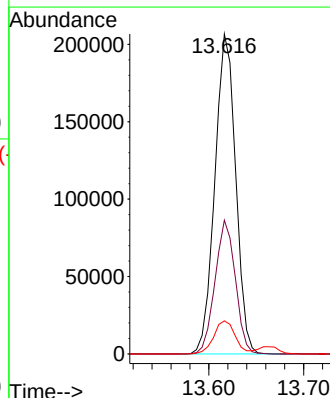
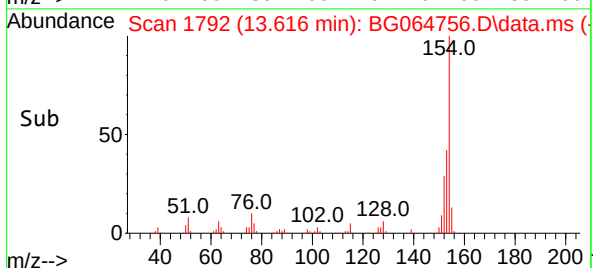
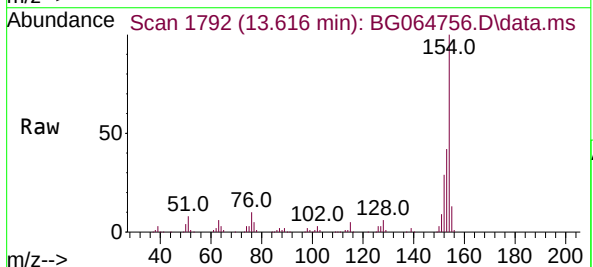
Manual Integrations
APPROVED

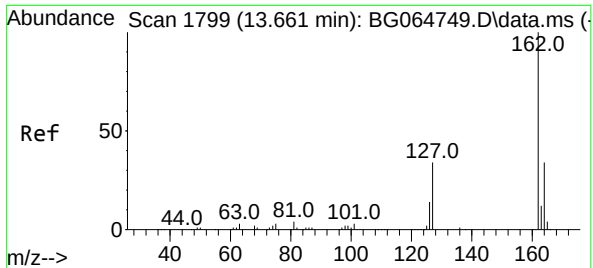
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#46
1,1'-Biphenyl
Concen: 40.093 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Tgt Ion:154 Resp: 315354
Ion Ratio Lower Upper
154 100
153 41.8 19.8 59.8
76 10.4 0.0 30.0





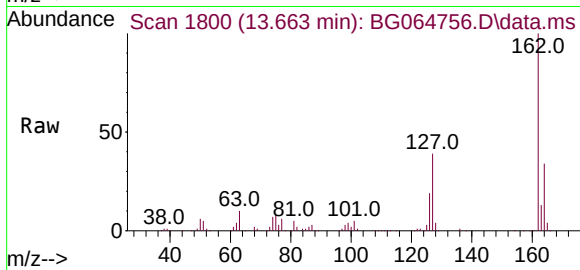
#47
2-Chloronaphthalene
Concen: 39.247 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

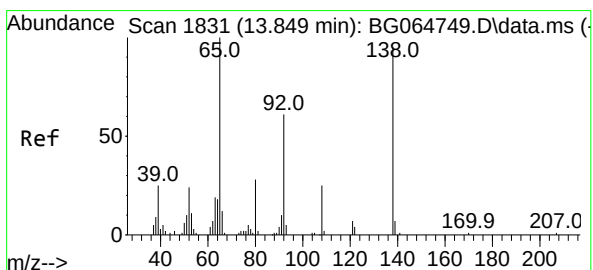
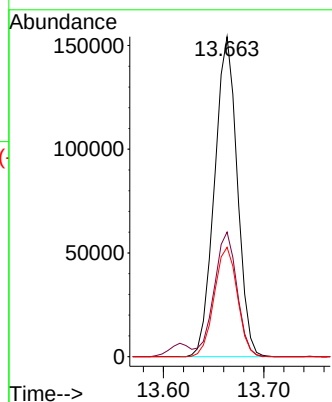
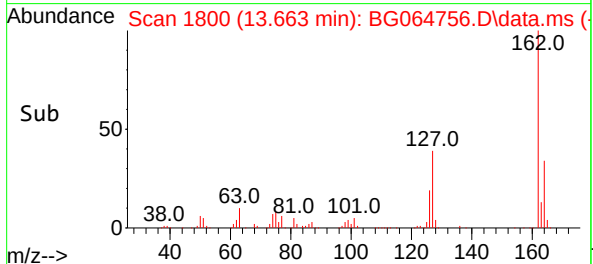


Tgt Ion:162 Resp: 243204
Ion Ratio Lower Upper
162 100
127 39.0 30.3 45.5
164 34.2 26.8 40.2

Manual Integrations

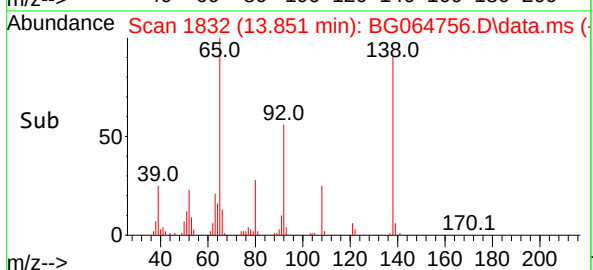
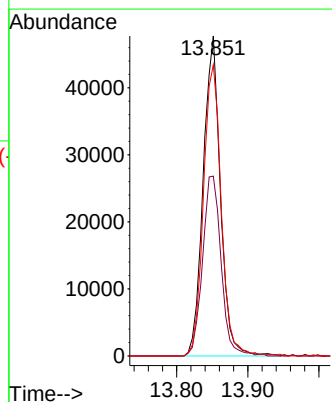
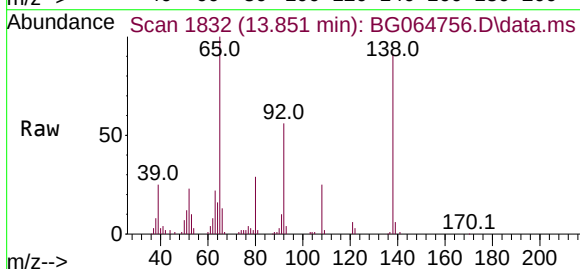
APPROVED

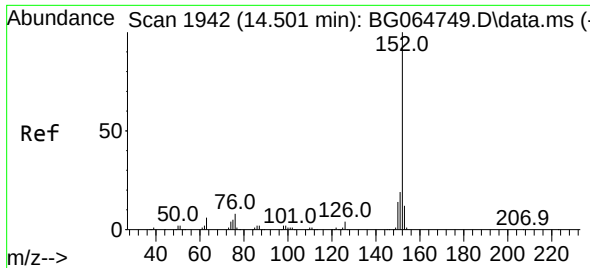
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48
2-Nitroaniline
Concen: 40.188 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Tgt Ion: 65 Resp: 80098
Ion Ratio Lower Upper
65 100
92 56.2 48.6 73.0
138 90.9 76.4 114.6





#49

Acenaphthylene

Concen: 39.931 ng

RT: 14.498 min Scan# 1942

Delta R.T. -0.003 min

Lab File: BG064756.D

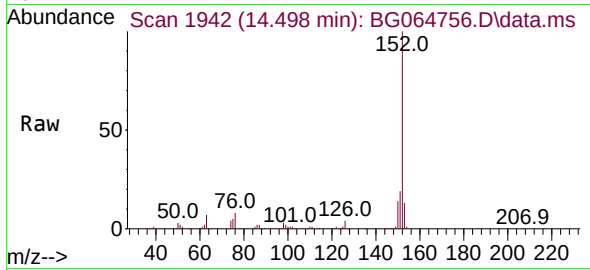
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040



Tgt Ion:152 Resp: 422723

Ion Ratio Lower Upper

152 100

151 19.3 15.0 22.4

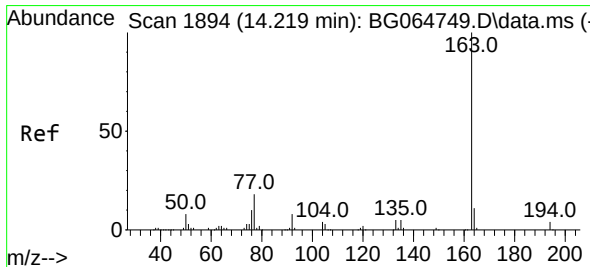
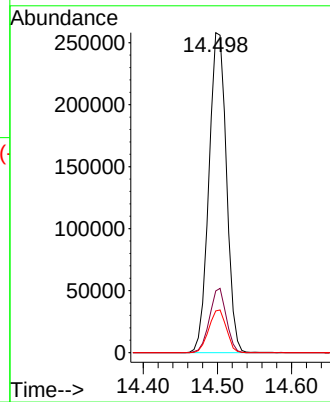
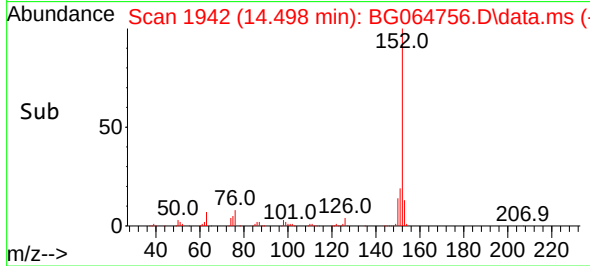
153 13.0 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

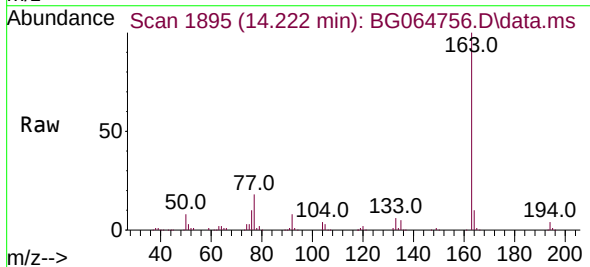
Concen: 39.911 ng

RT: 14.222 min Scan# 1895

Delta R.T. 0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35



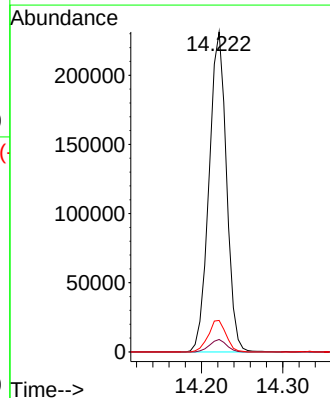
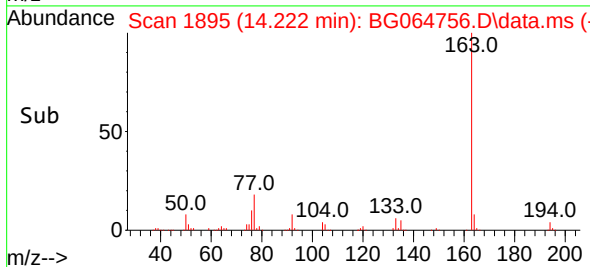
Tgt Ion:163 Resp: 345261

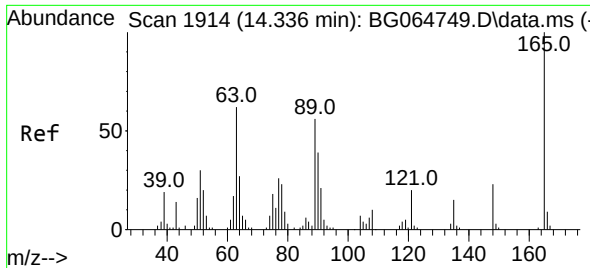
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.8 8.6 12.8





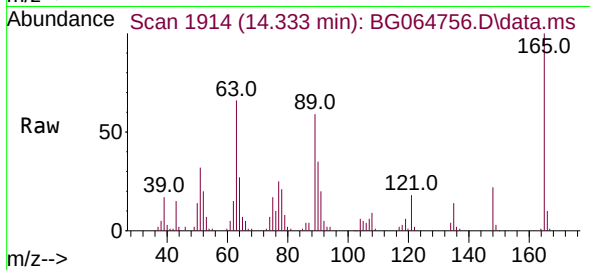
#51
2,6-Dinitrotoluene
Concen: 41.607 ng
RT: 14.333 min Scan# 1914
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

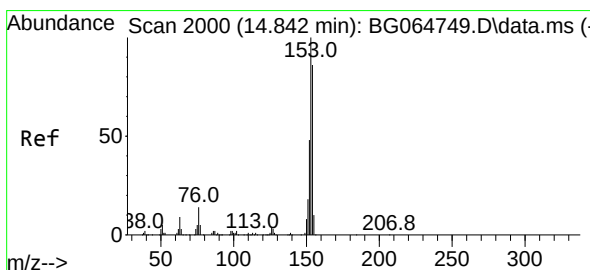
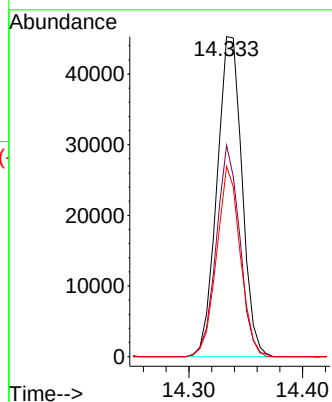
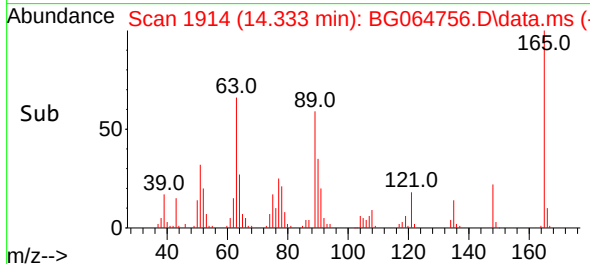


Tgt Ion:165 Resp: 69259
Ion Ratio Lower Upper
165 100
63 66.0 49.8 74.8
89 59.4 45.0 67.4

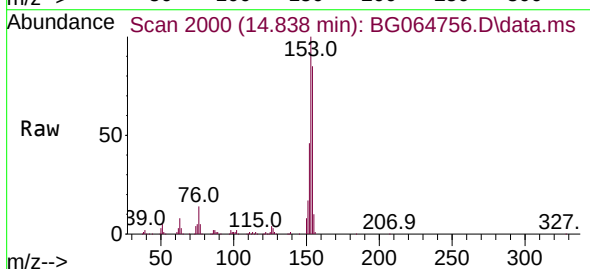
Manual Integrations

APPROVED

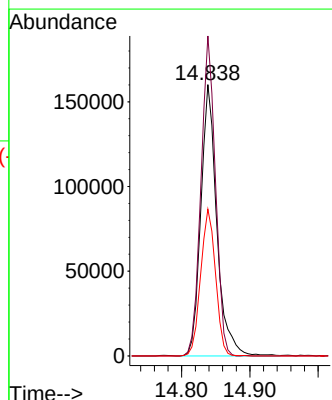
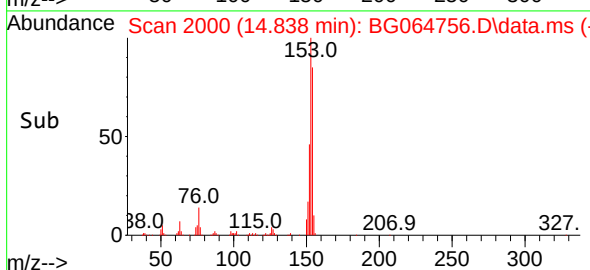
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

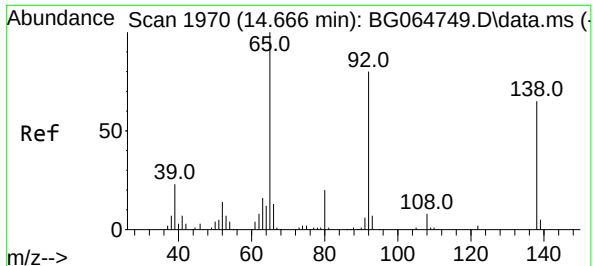


#52
Acenaphthene
Concen: 41.082 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:154 Resp: 260766
Ion Ratio Lower Upper
154 100
153 118.0 93.0 139.4
152 54.1 44.4 66.6





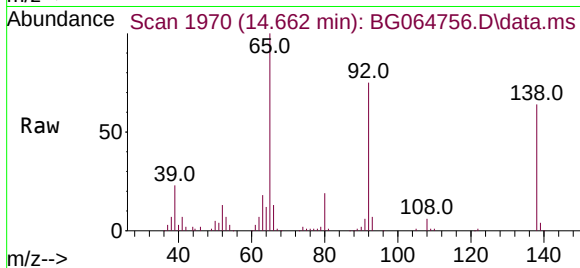
#53
3-Nitroaniline
Concen: 41.988 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

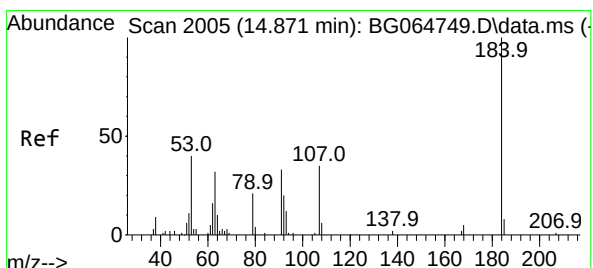
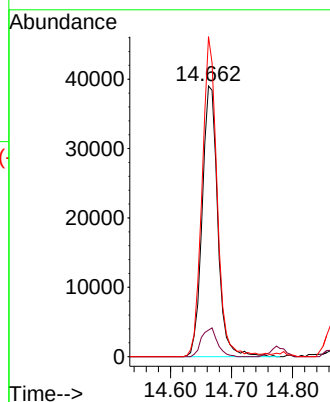
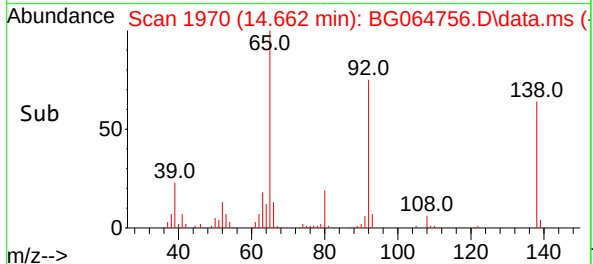


Tgt Ion:138 Resp: 68983
Ion Ratio Lower Upper
138 100
108 9.8 9.5 14.3
92 118.3 99.0 148.4

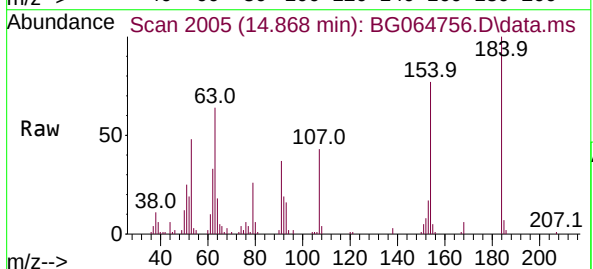
Manual Integrations

APPROVED

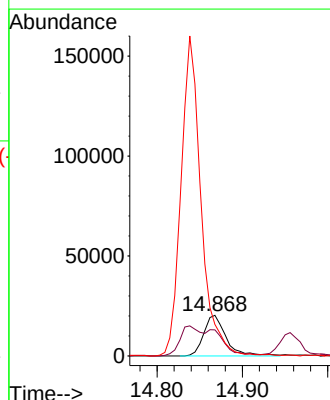
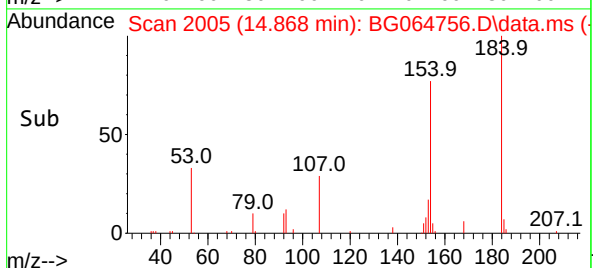
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

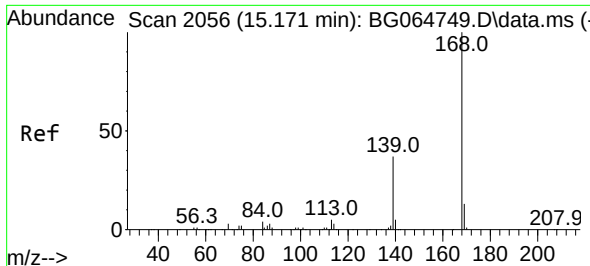


#54
2,4-Dinitrophenol
Concen: 37.378 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:184 Resp: 36779
Ion Ratio Lower Upper
184 100
63 64.2 45.8 68.6
154 77.4 52.6 78.8





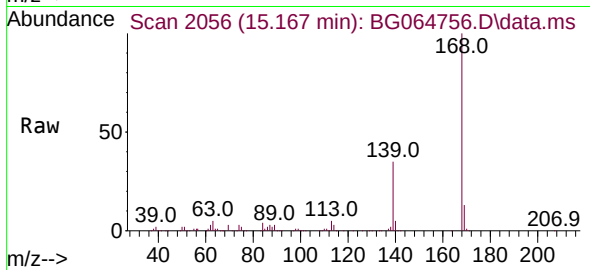
#55
Dibenzenofuran
Concen: 39.567 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

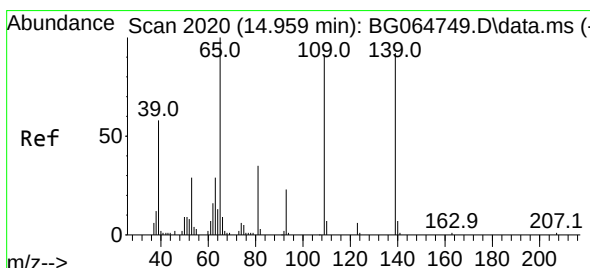
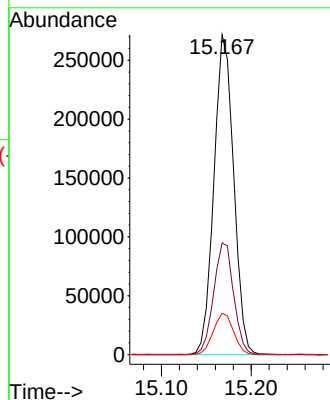
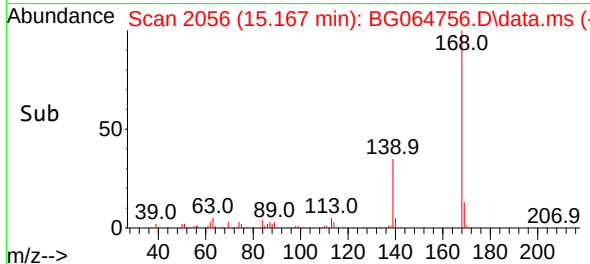


Tgt Ion:168 Resp: 415210
Ion Ratio Lower Upper
168 100
139 34.9 29.5 44.3
169 12.9 10.4 15.6

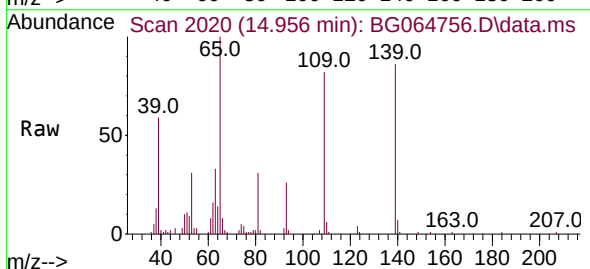
Manual Integrations

APPROVED

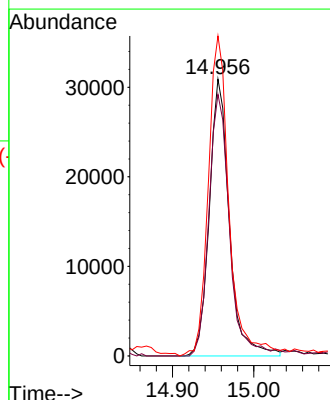
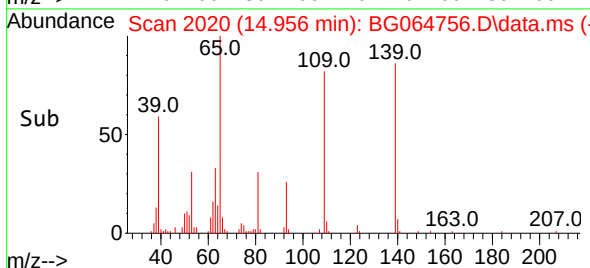
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

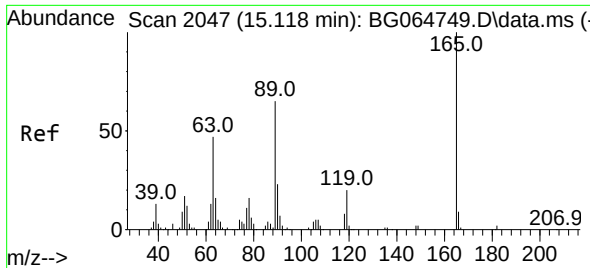


#56
4-Nitrophenol
Concen: 40.643 ng
RT: 14.956 min Scan# 2020
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:139 Resp: 52979
Ion Ratio Lower Upper
139 100
109 94.5 79.7 119.7
65 115.6 89.9 129.9





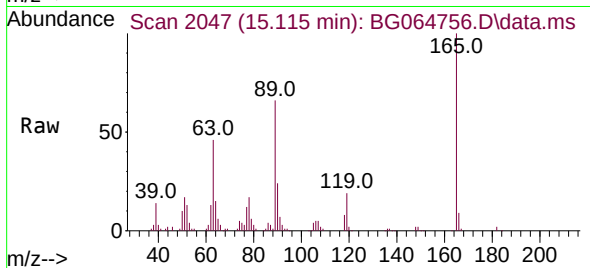
#57
2,4-Dinitrotoluene
Concen: 42.264 ng
RT: 15.115 min Scan# 2047
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

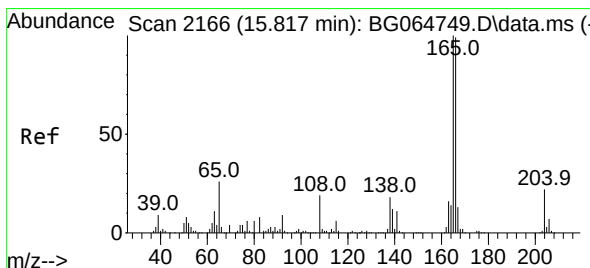
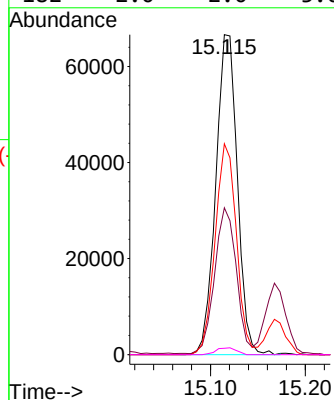
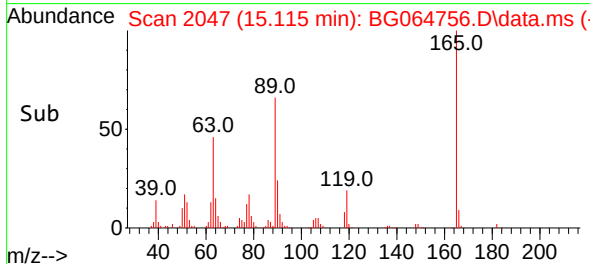


Tgt Ion:165 Resp: 105473
Ion Ratio Lower Upper
165 100
63 45.9 37.8 56.6
89 65.9 51.6 77.4
182 2.0 2.0 3.0#

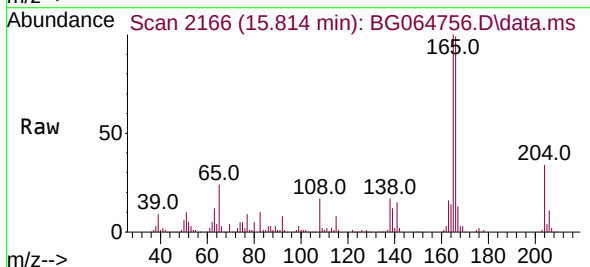
Manual Integrations

APPROVED

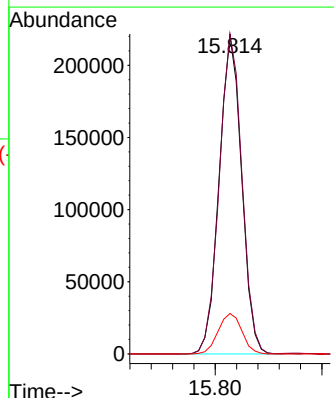
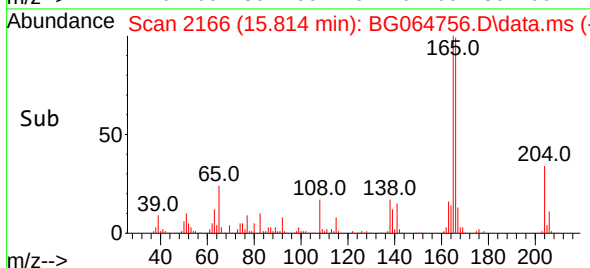
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

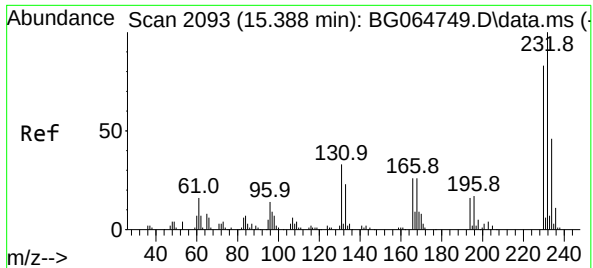


#58
Fluorene
Concen: 39.244 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



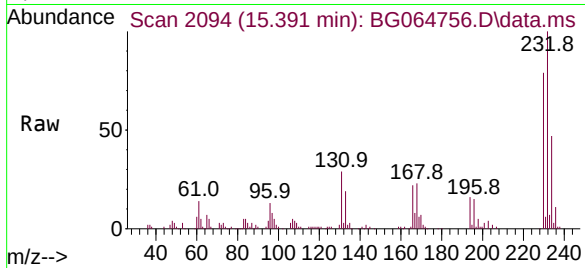
Tgt Ion:166 Resp: 322998
Ion Ratio Lower Upper
166 100
165 100.6 80.5 120.7
167 12.7 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.526 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

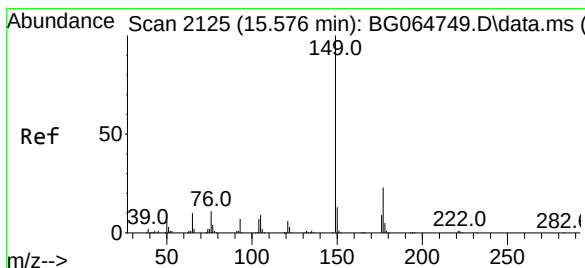
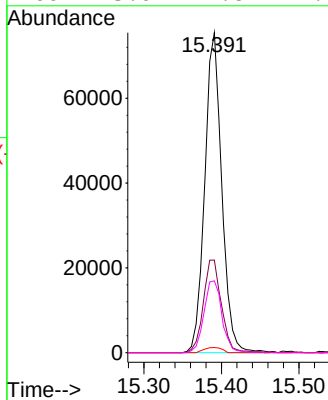
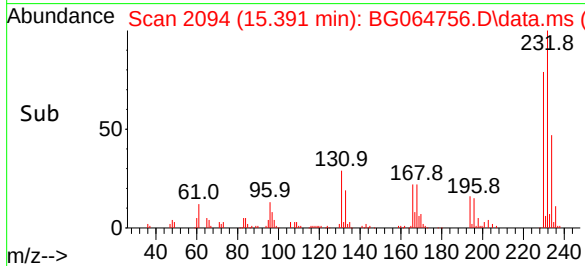
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 114943
Ion Ratio Lower Upper
232 100
131 30.6 26.0 39.0
130 1.7 1.6 2.4
166 23.6 19.8 29.6

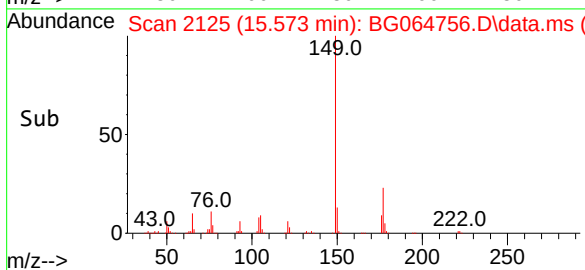
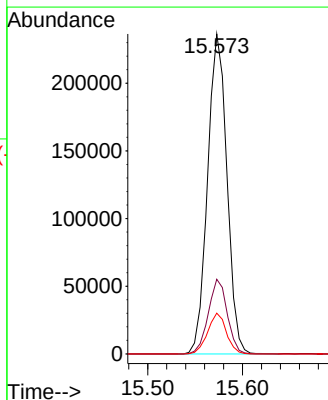
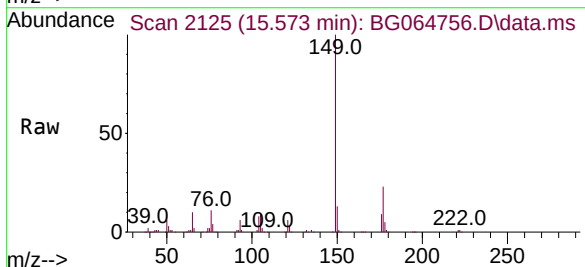
Manual Integrations
APPROVED

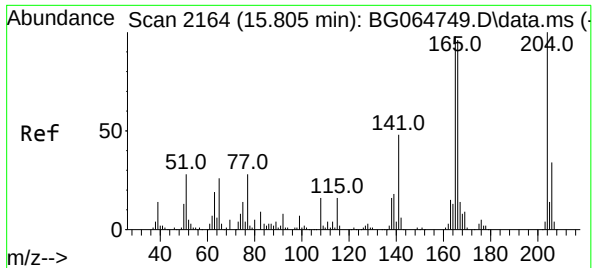
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#60
Diethylphthalate
Concen: 40.489 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

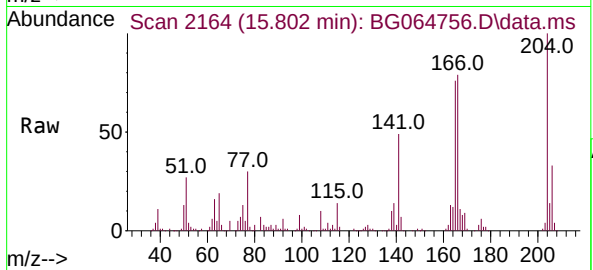
Tgt Ion:149 Resp: 335535
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.006 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

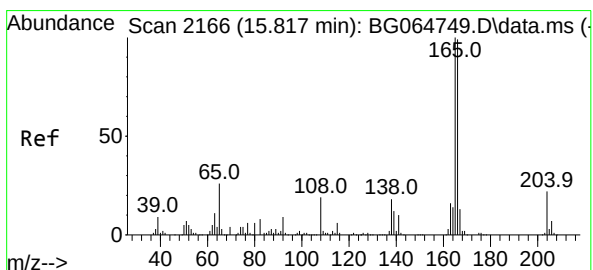
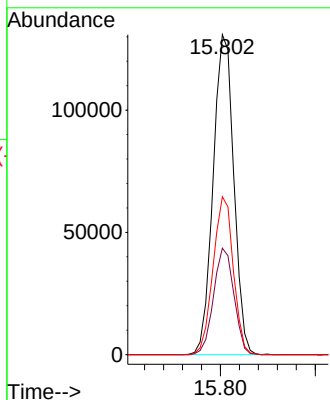
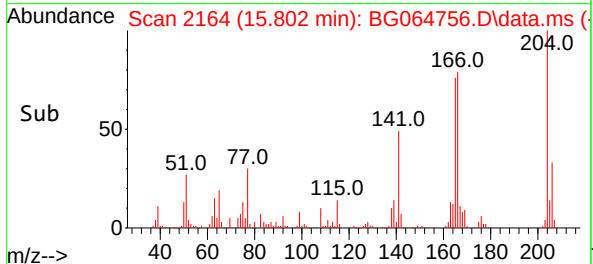
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



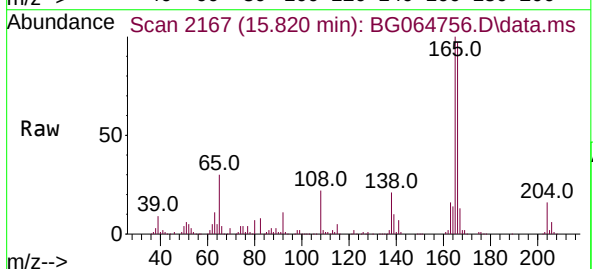
Tgt Ion:204 Resp: 197603
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 49.3 38.1 57.1

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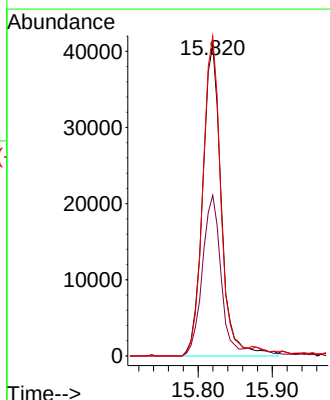
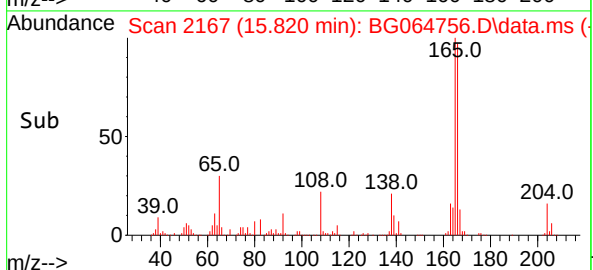
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

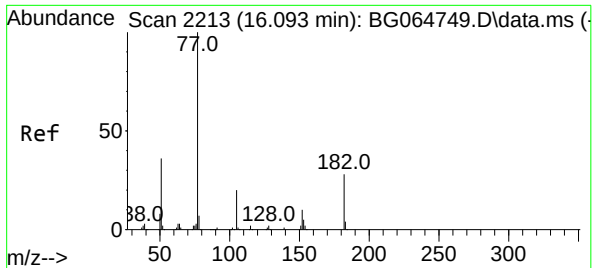


#62
4-Nitroaniline
Concen: 41.749 ng
RT: 15.820 min Scan# 2167
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



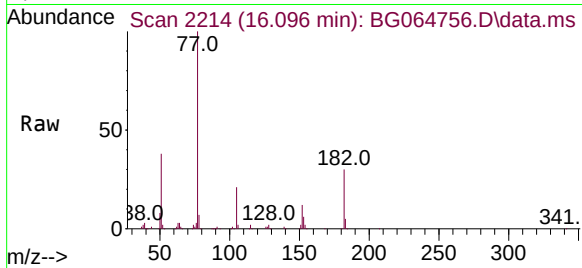
Tgt Ion:138 Resp: 71058
Ion Ratio Lower Upper
138 100
92 51.7 30.7 70.7
108 103.0 85.7 125.7





#63
Azobenzene
Concen: 39.837 ng
RT: 16.096 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

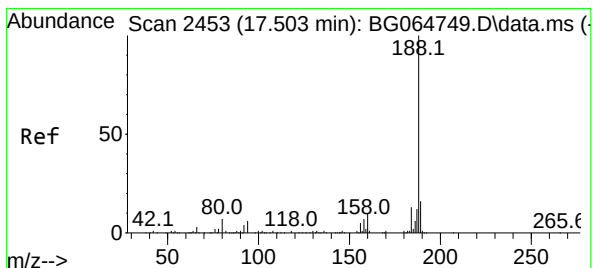
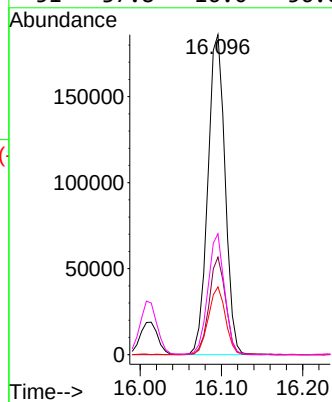
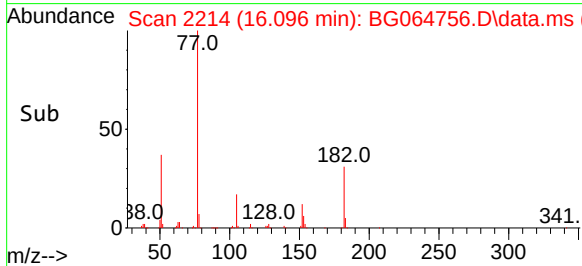
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



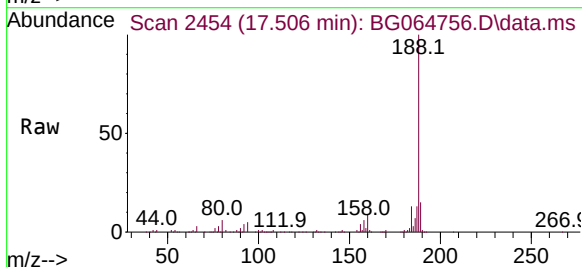
Tgt Ion: 77 Resp: 27458
Ion Ratio Lower Upper
77 100
182 30.5 8.1 48.1
105 21.2 0.1 40.1
51 37.8 16.0 56.0

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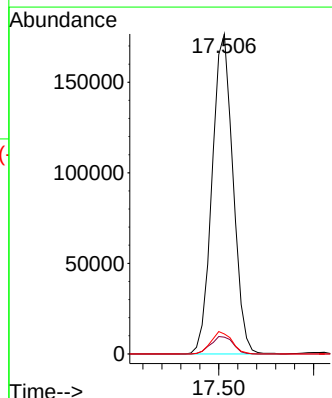
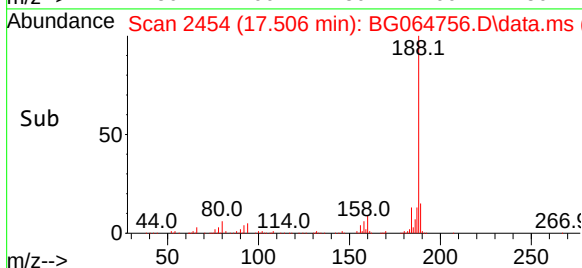
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

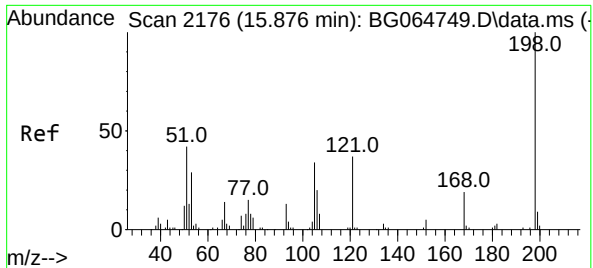


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:188 Resp: 269959
Ion Ratio Lower Upper
188 100
94 5.2 4.7 7.1
80 6.2 5.4 8.2





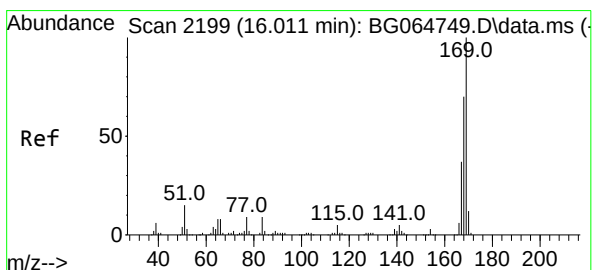
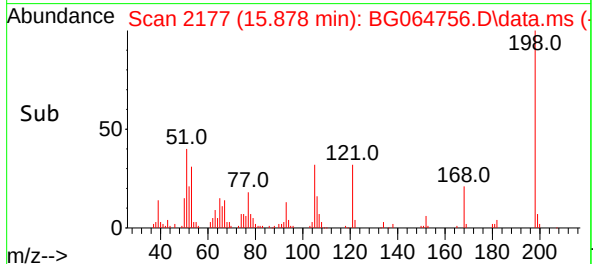
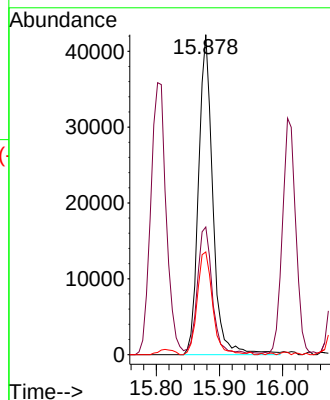
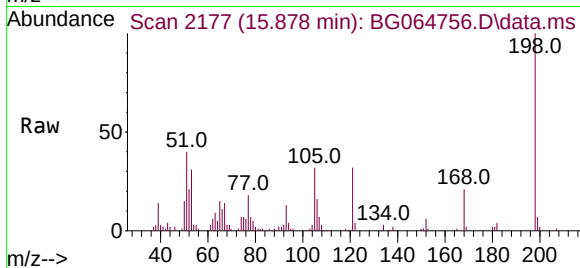
#65
4,6-Dinitro-2-methylphenol
Concen: 44.211 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 66266
Ion Ratio Lower Upper
198 100
51 39.9 25.2 65.2
105 32.1 14.2 54.2

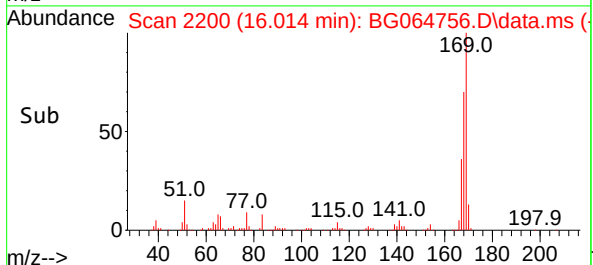
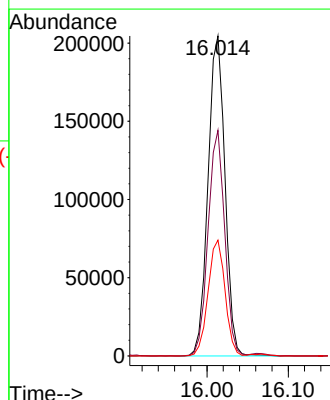
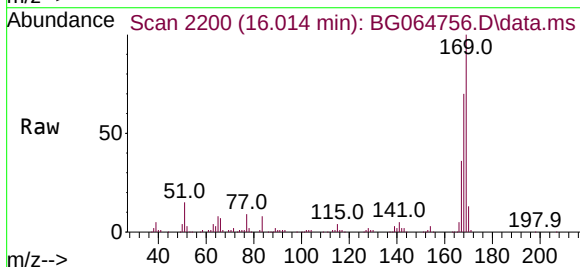
Manual Integrations
APPROVED

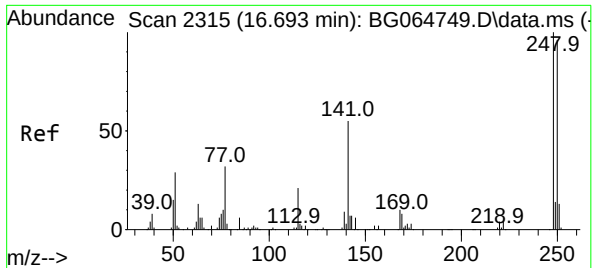
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 41.959 ng
RT: 16.014 min Scan# 2200
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Tgt Ion:169 Resp: 296696
Ion Ratio Lower Upper
169 100
168 70.5 55.9 83.9
167 36.2 29.8 44.6





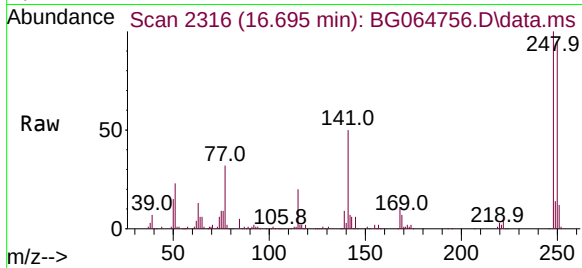
#67
4-Bromophenyl-phenylether
Concen: 41.596 ng
RT: 16.695 min Scan# 2315
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

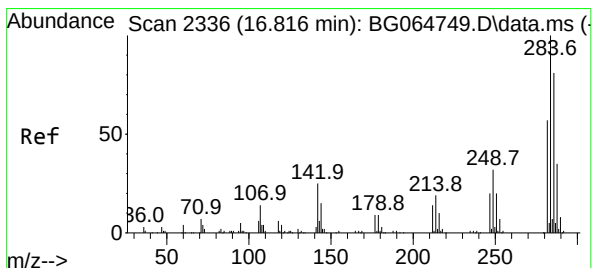
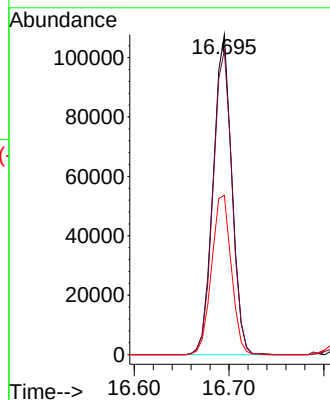
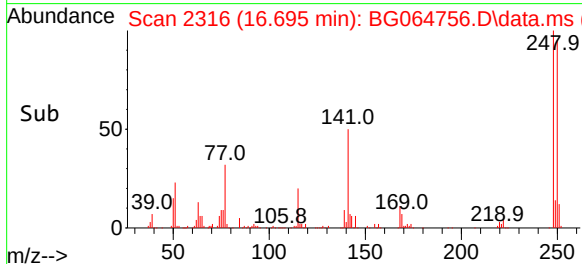


Tgt Ion:248 Resp: 147463
Ion Ratio Lower Upper
248 100
250 95.1 77.0 115.6
141 49.8 43.7 65.5

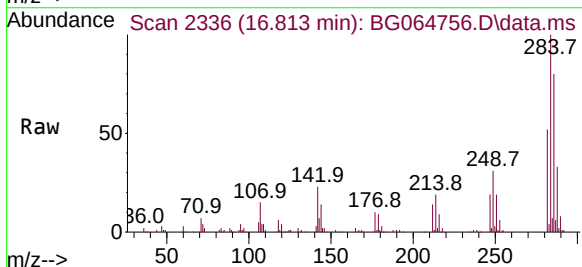
Manual Integrations

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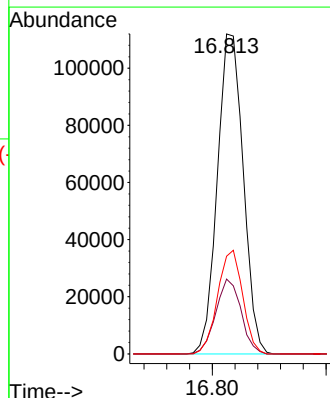
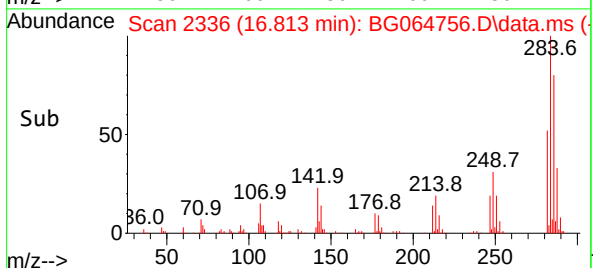
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

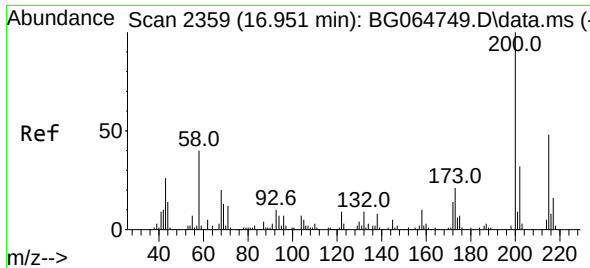


#68
Hexachlorobenzene
Concen: 41.185 ng
RT: 16.813 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:284 Resp: 176897
Ion Ratio Lower Upper
284 100
142 23.4 19.7 29.5
249 33.2 28.1 42.1





#69

Atrazine

Concen: 40.311 ng

RT: 16.948 min Scan# 2359

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 137430

Ion Ratio Lower Upper

200 100

173 22.2 0.9 40.9

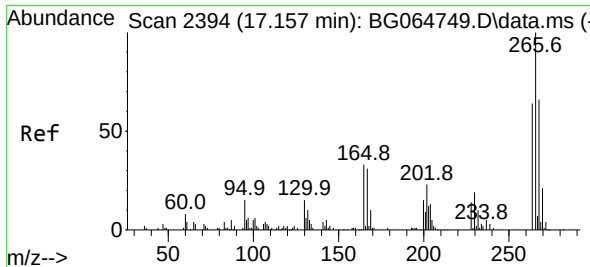
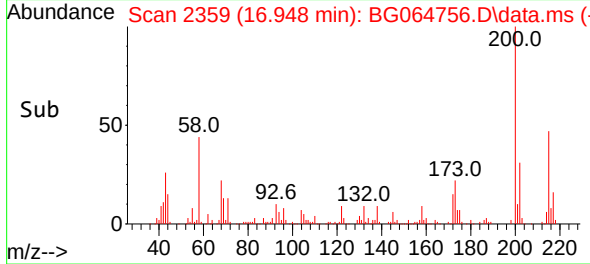
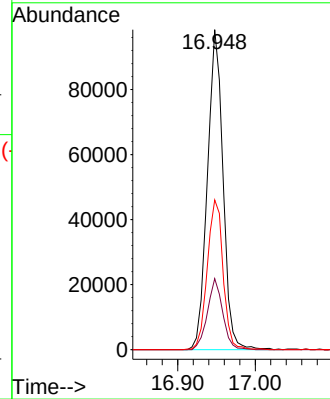
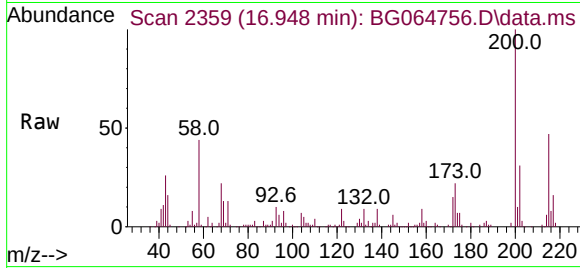
215 46.8 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#70

Pentachlorophenol

Concen: 39.121 ng

RT: 17.153 min Scan# 2394

Delta R.T. -0.004 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

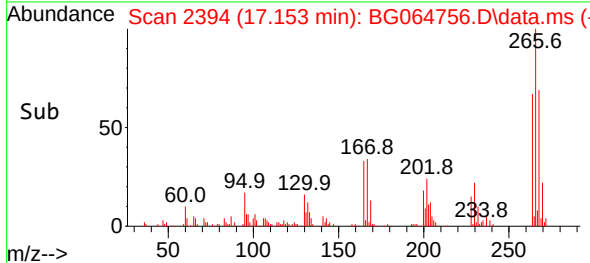
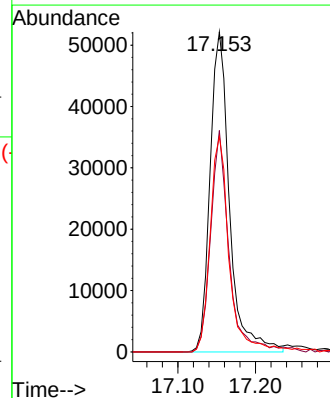
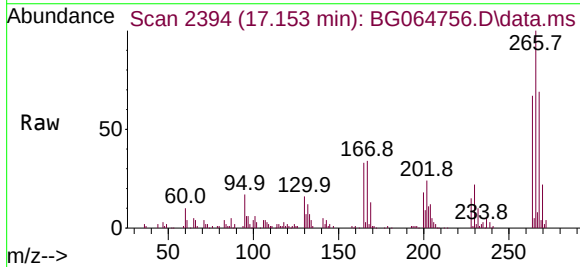
Tgt Ion:266 Resp: 90794

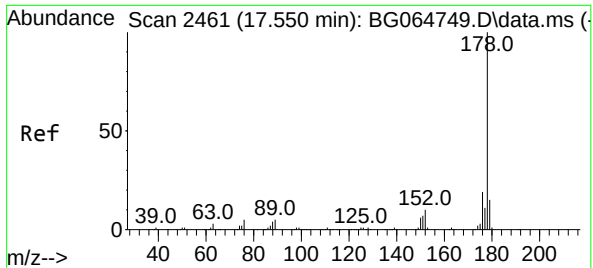
Ion Ratio Lower Upper

266 100

268 69.2 56.1 84.1

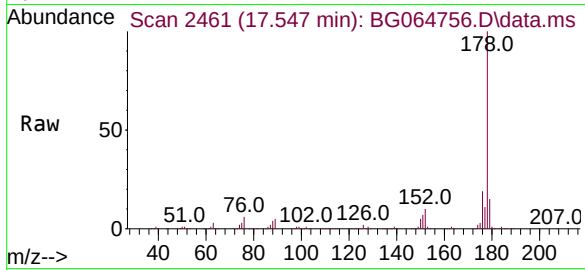
264 67.3 51.2 76.8





#71
Phenanthrene
Concen: 40.470 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

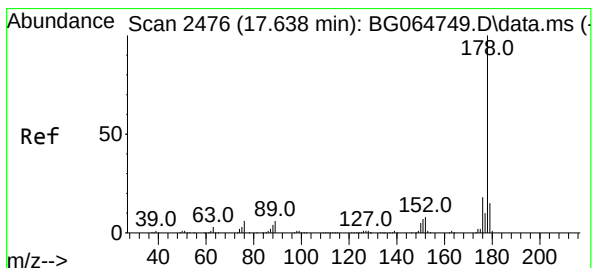
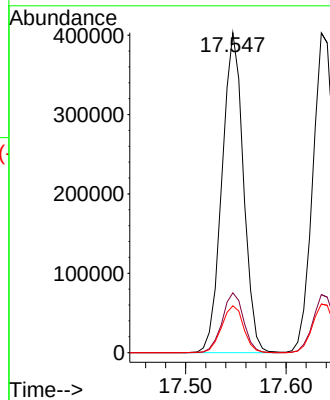
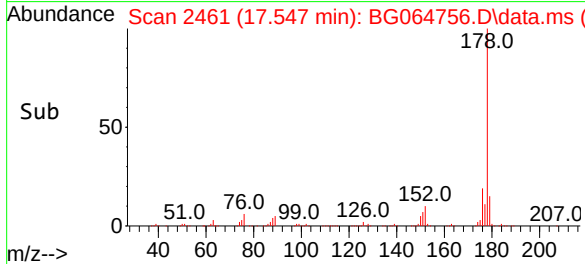
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



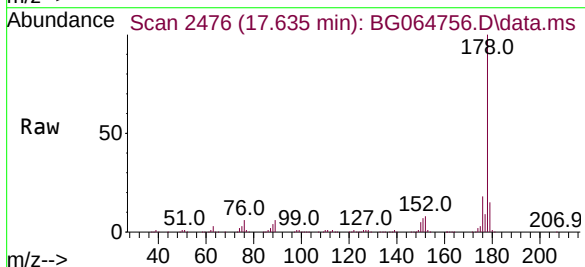
Tgt Ion:178 Resp: 597759
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 14.6 12.2 18.4

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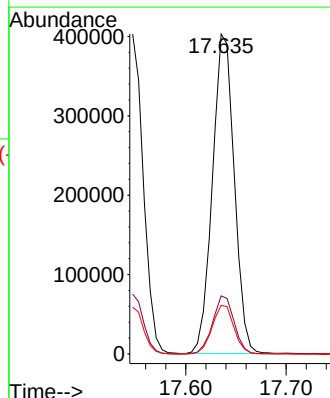
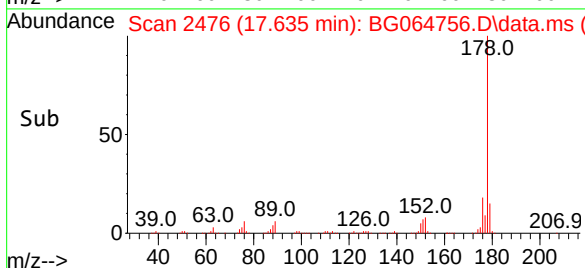
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

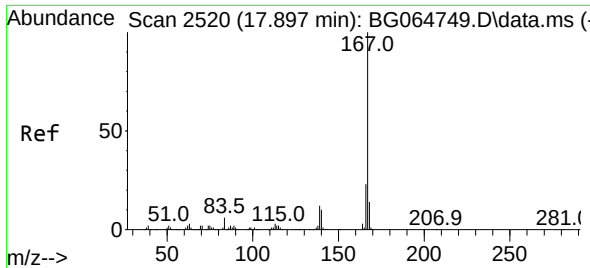


#72
Anthracene
Concen: 40.445 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



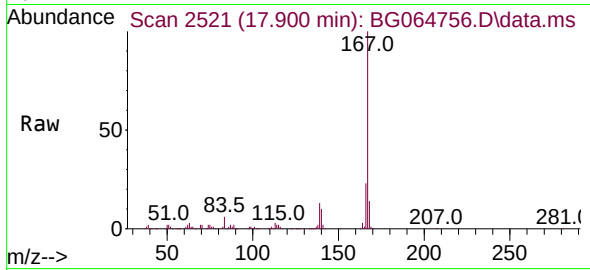
Tgt Ion:178 Resp: 609140
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.2 12.2 18.4





#73
Carbazole
Concen: 39.888 ng
RT: 17.900 min Scan# 2520
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

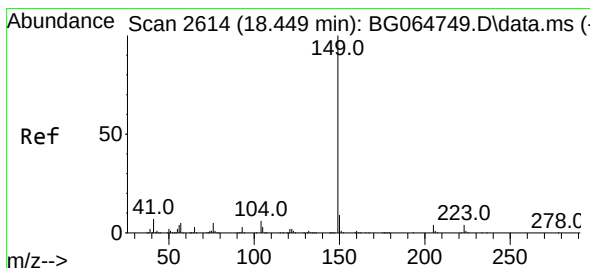
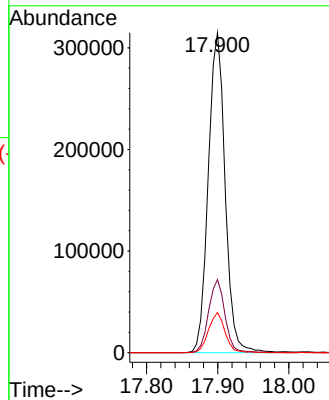
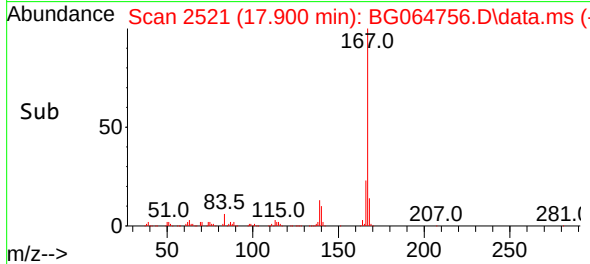
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:167 Resp: 516449
Ion Ratio Lower Upper
167 100
166 22.8 18.0 27.0
139 12.5 9.7 14.5

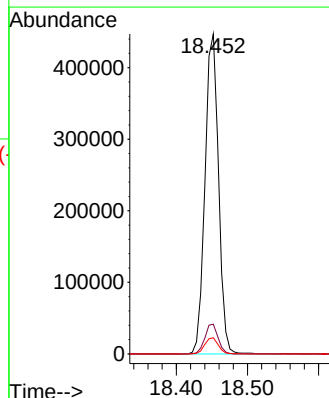
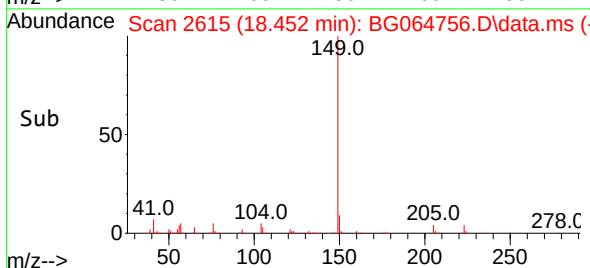
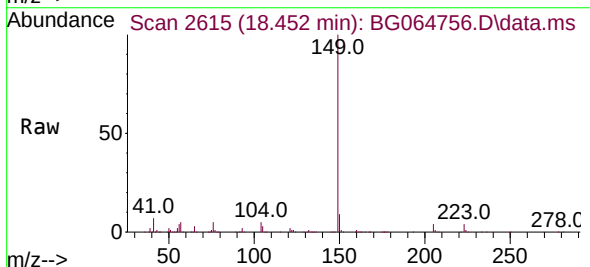
Manual Integrations
APPROVED

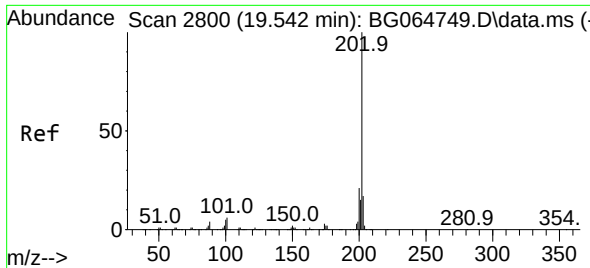
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#74
Di-n-butylphthalate
Concen: 40.636 ng
RT: 18.452 min Scan# 2615
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

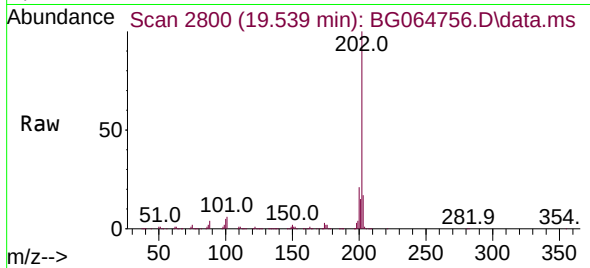
Tgt Ion:149 Resp: 586983
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 39.735 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

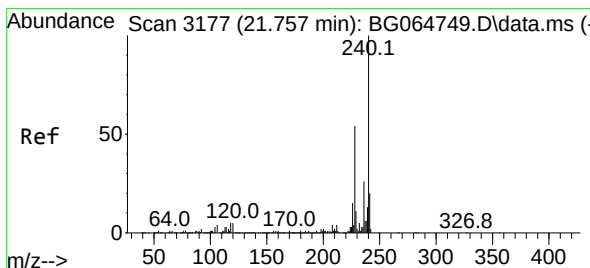
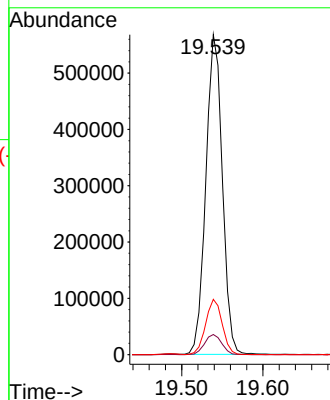
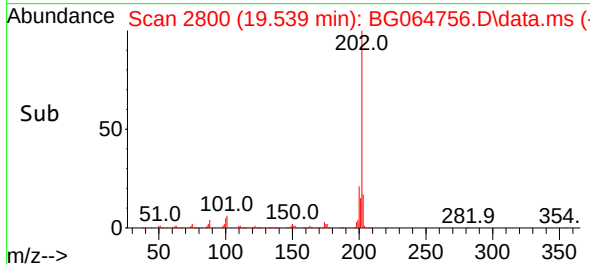
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 802543
Ion Ratio Lower Upper
202 100
101 6.3 0.0 26.4
203 17.3 0.0 37.5

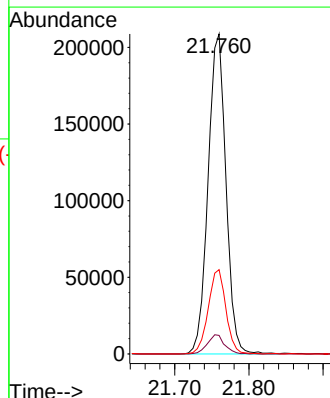
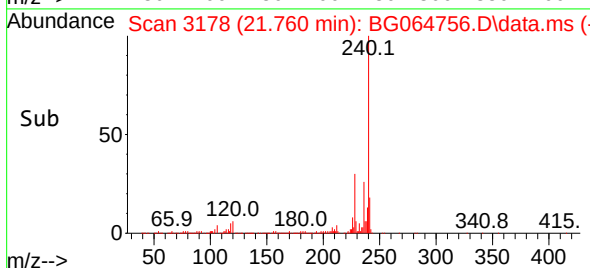
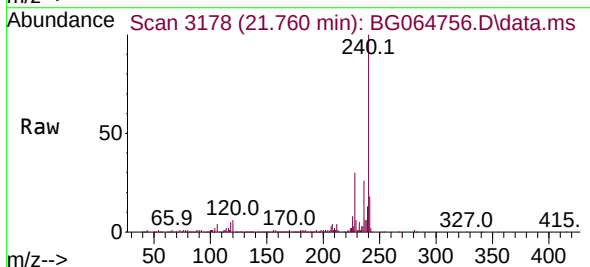
Manual Integrations
APPROVED

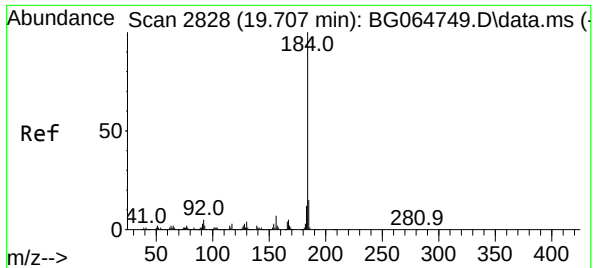
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3178
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

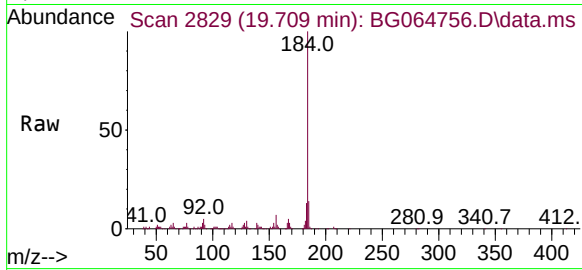
Tgt Ion:240 Resp: 348735
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.4
236 26.3 20.8 31.2





#77
Benzidine
Concen: 36.445 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

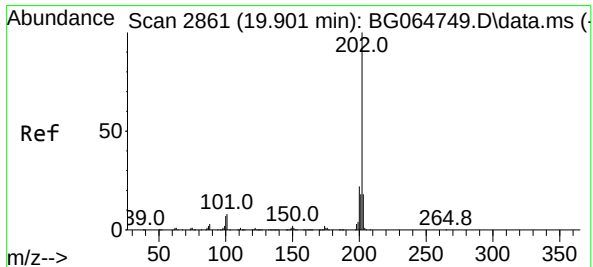
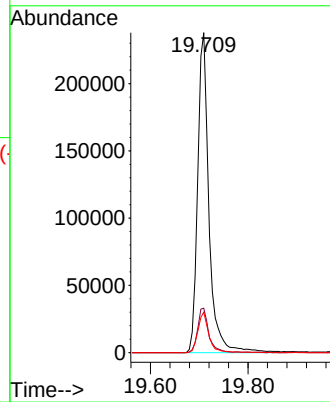
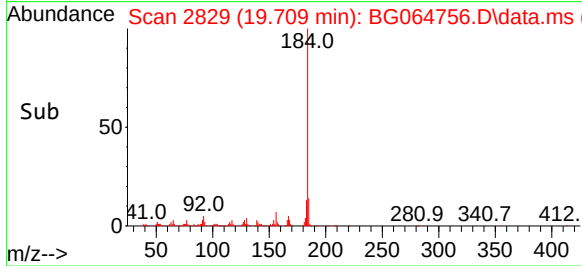
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 380633
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.6
183 12.6 9.8 14.6

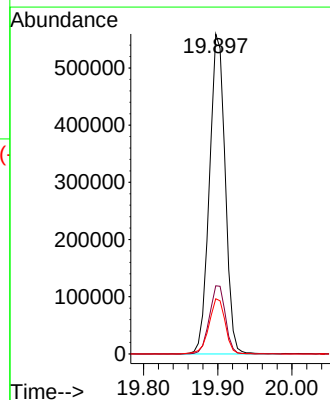
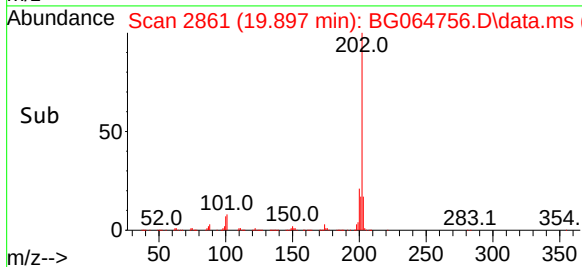
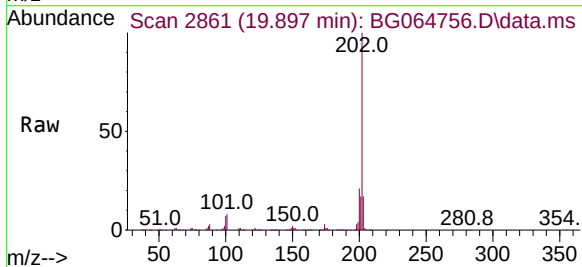
Manual Integrations
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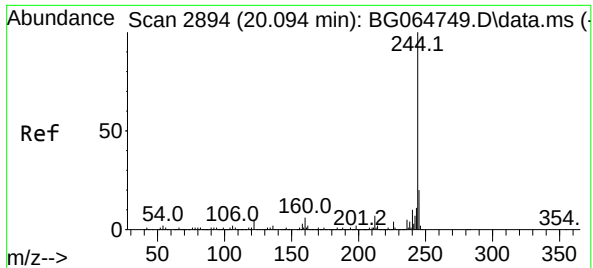
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 42.154 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

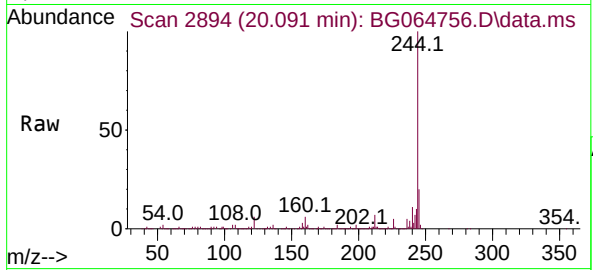
Tgt Ion:202 Resp: 823906
Ion Ratio Lower Upper
202 100
200 21.3 17.9 26.9
203 17.2 14.0 21.0





#79
 Terphenyl-d14
 Concen: 83.967 ng
 RT: 20.091 min Scan# 2894
 Delta R.T. -0.003 min
 Lab File: BG064756.D
 Acq: 13 Nov 2025 14:35

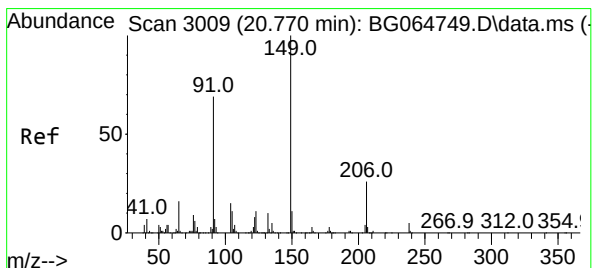
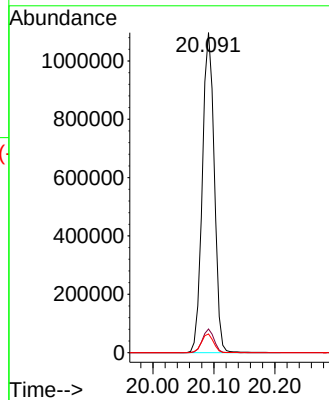
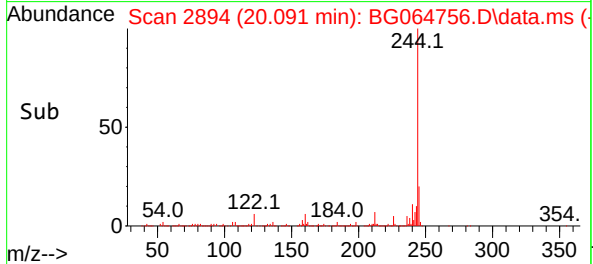
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040



Tgt Ion:244 Resp: 1488614
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 5.8 4.3 6.5

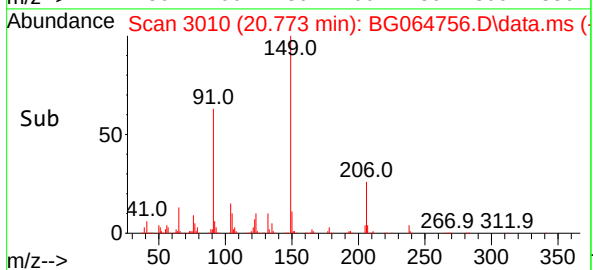
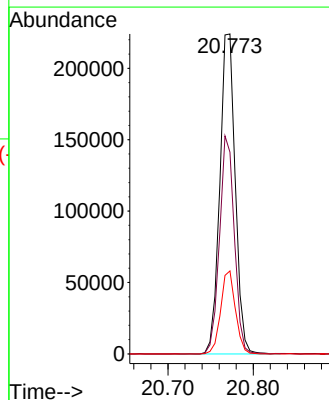
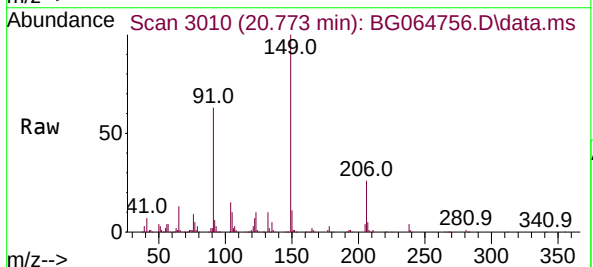
Manual Integrations
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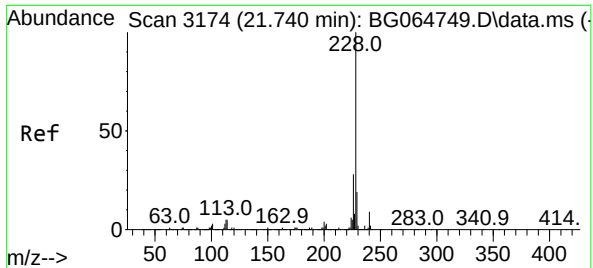
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#80
 Butylbenzylphthalate
 Concen: 41.009 ng
 RT: 20.773 min Scan# 3010
 Delta R.T. 0.003 min
 Lab File: BG064756.D
 Acq: 13 Nov 2025 14:35

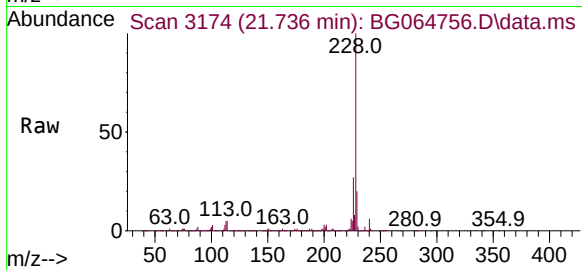
Tgt Ion:149 Resp: 281927
 Ion Ratio Lower Upper
 149 100
 91 63.0 54.9 82.3
 206 25.9 21.2 31.8





#81
Benzo(a)anthracene
Concen: 40.089 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

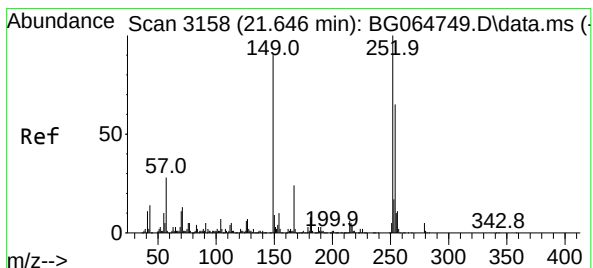
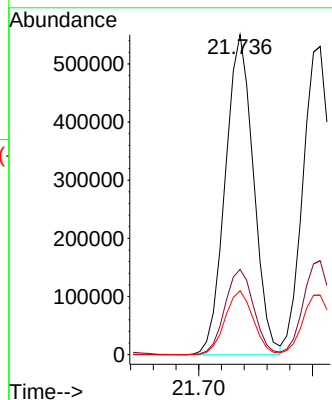
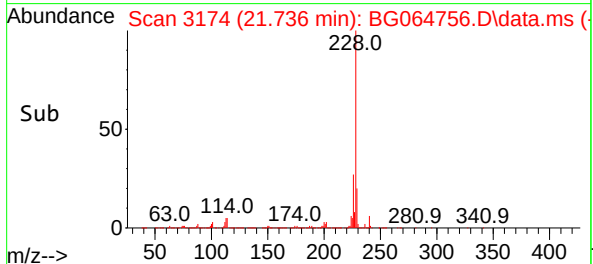
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 950617
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 20.0 15.5 23.3

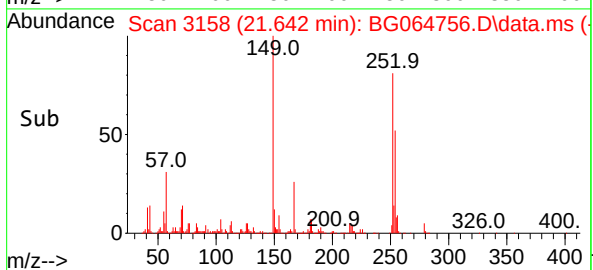
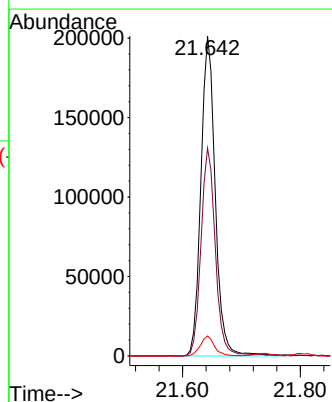
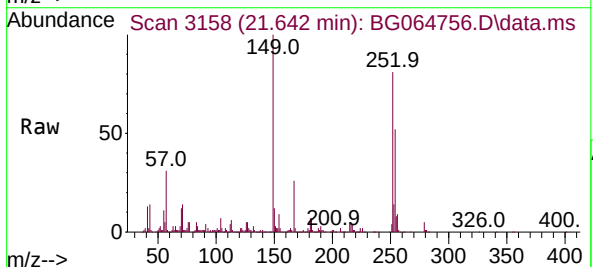
Manual Integrations
APPROVED

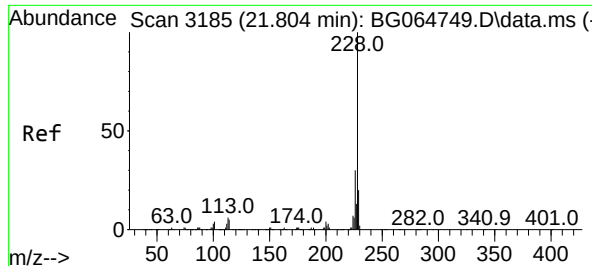
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 39.020 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

Tgt Ion:252 Resp: 340561
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.8
126 6.2 4.7 7.1





#83

Chrysene

Concen: 40.310 ng

RT: 21.807 min Scan# 3185

Delta R.T. 0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 901170

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

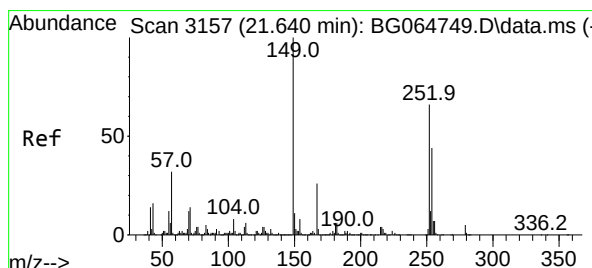
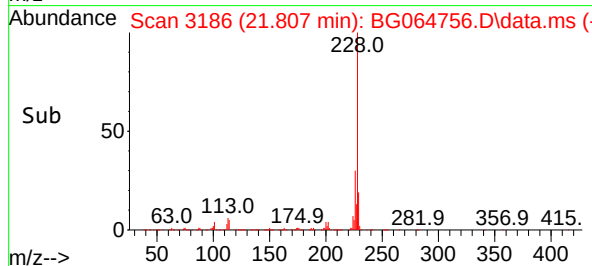
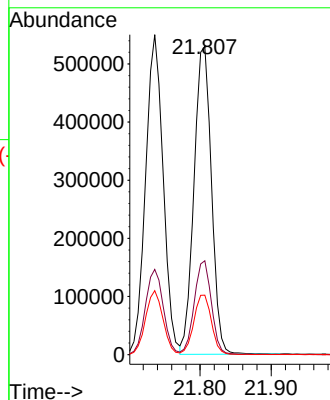
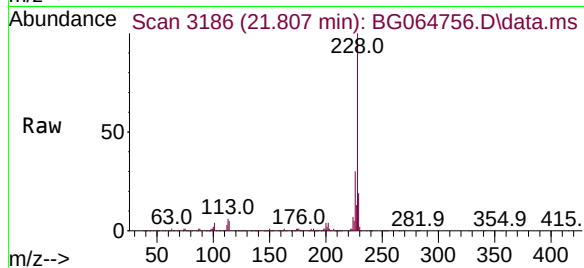
229 19.3 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.410 ng

RT: 21.636 min Scan# 3157

Delta R.T. -0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

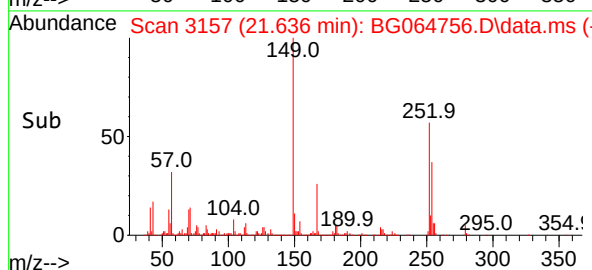
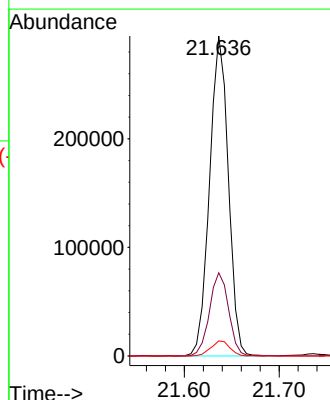
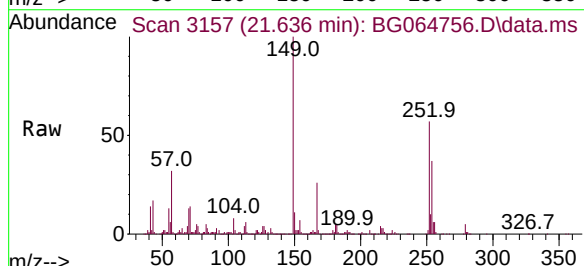
Tgt Ion:149 Resp: 405952

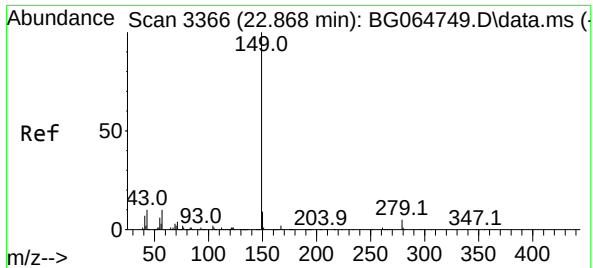
Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

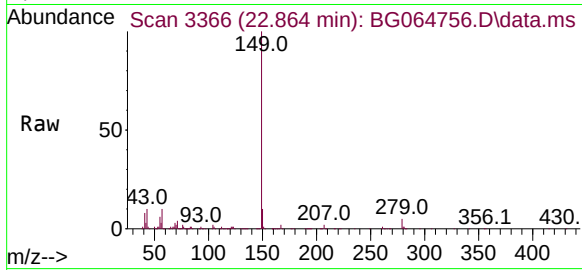
279 4.7 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 39.977 ng
RT: 22.864 min Scan# 3366
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

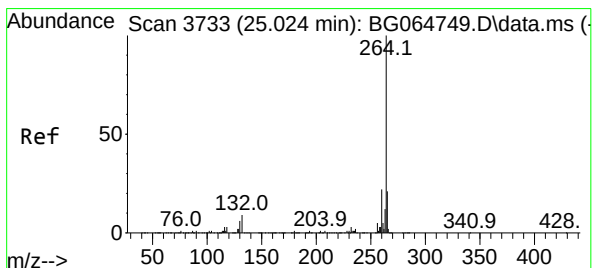
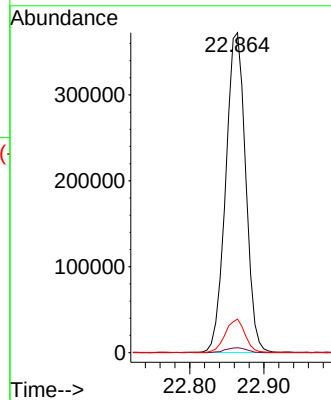
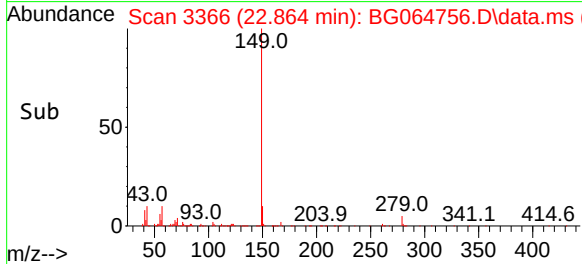
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 694200
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.4 8.3 12.5

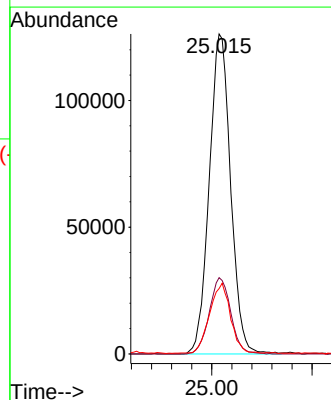
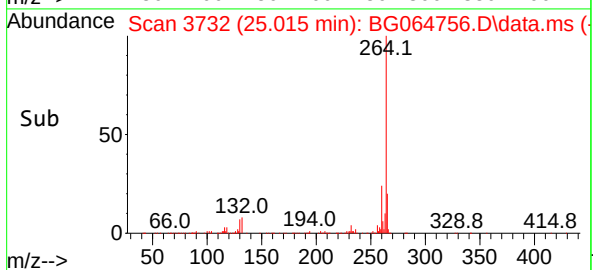
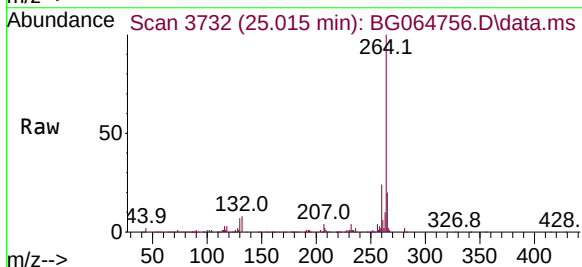
Manual Integrations
APPROVED

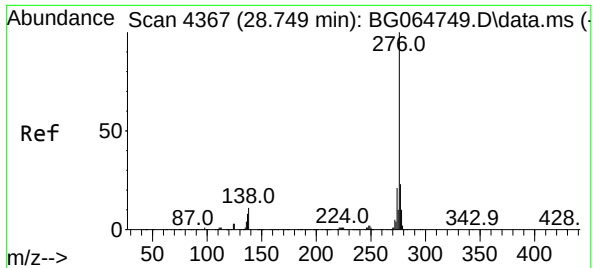
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3732
Delta R.T. -0.009 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

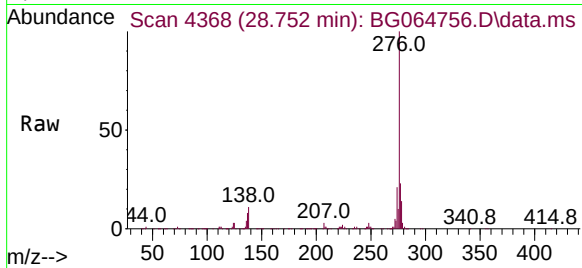
Tgt Ion:264 Resp: 372397
Ion Ratio Lower Upper
264 100
260 23.8 17.2 25.8
265 20.4 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.360 ng
RT: 28.752 min Scan# 4367
Delta R.T. 0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

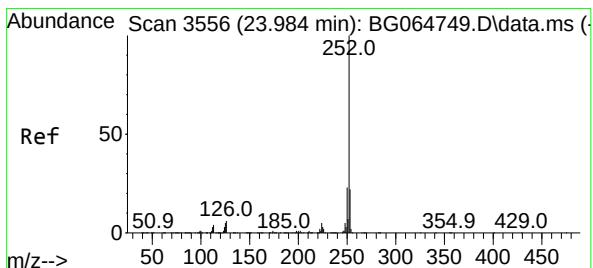
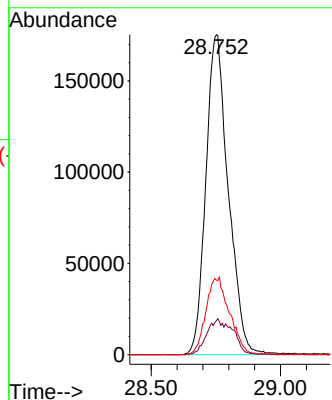
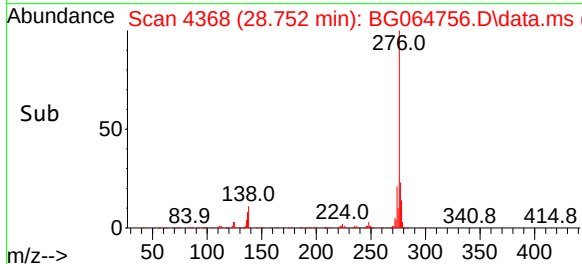
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



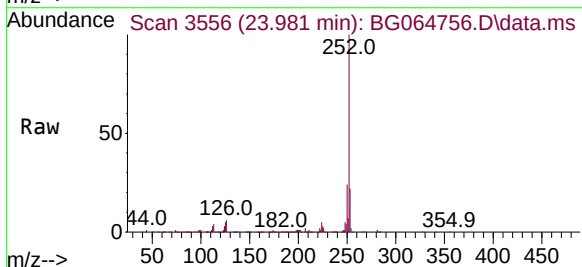
Tgt Ion:276 Resp: 105820
Ion Ratio Lower Upper
276 100
138 12.9 4.5 6.7
277 25.3 20.0 30.0

Manual Integrations
APPROVED

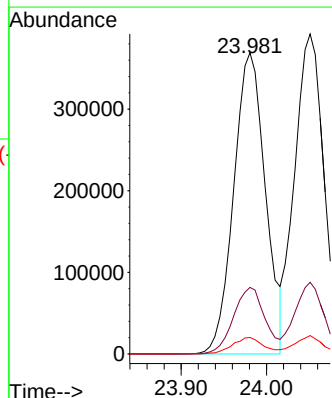
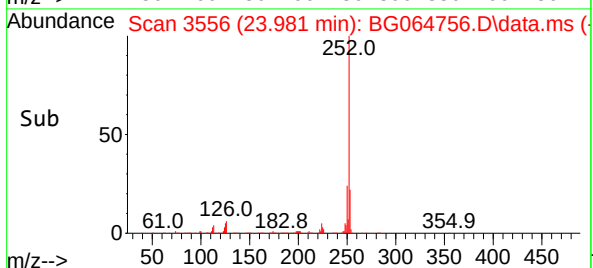
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

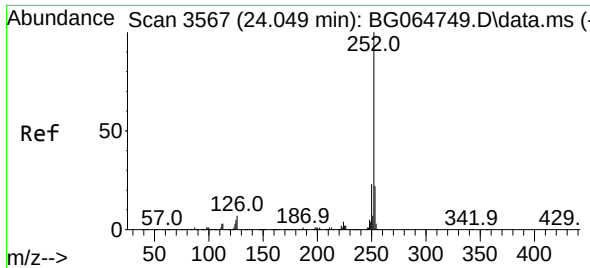


#88
Benzo(b)fluoranthene
Concen: 40.131 ng
RT: 23.981 min Scan# 3556
Delta R.T. -0.003 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:252 Resp: 951045
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 5.4 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 39.465 ng

RT: 24.051 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 939624

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

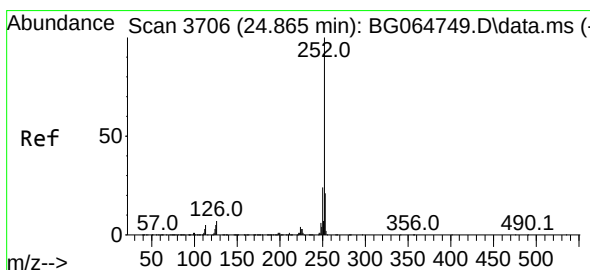
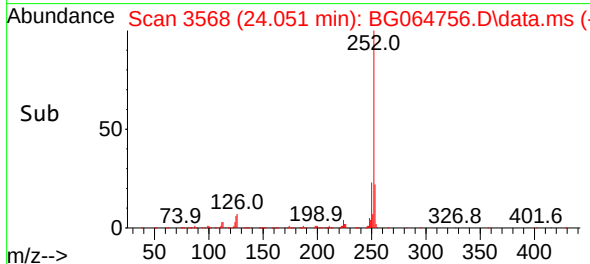
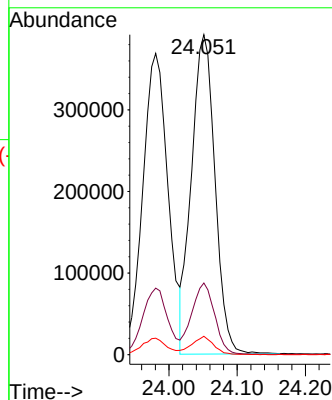
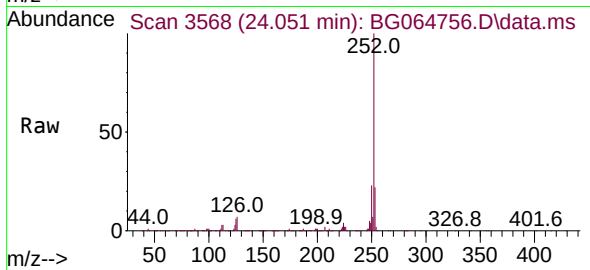
125 5.7 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 39.834 ng

RT: 24.868 min Scan# 3707

Delta R.T. 0.003 min

Lab File: BG064756.D

Acq: 13 Nov 2025 14:35

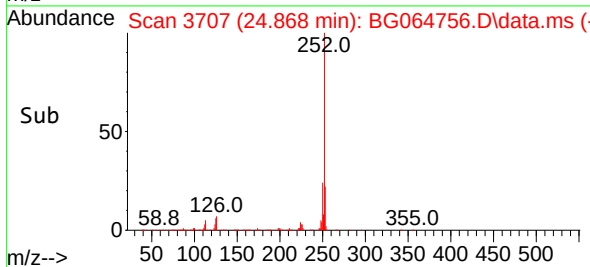
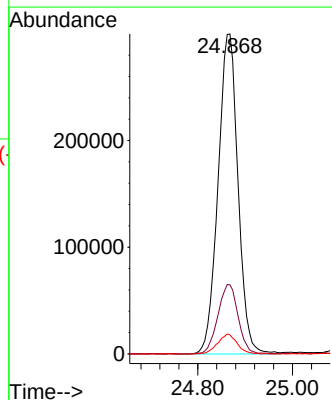
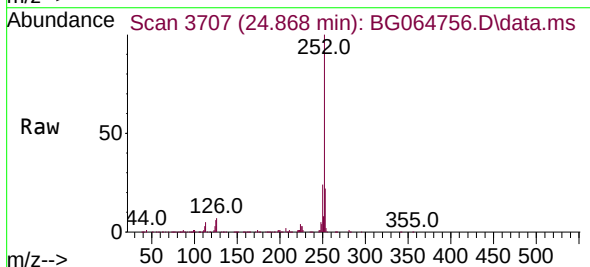
Tgt Ion:252 Resp: 875703

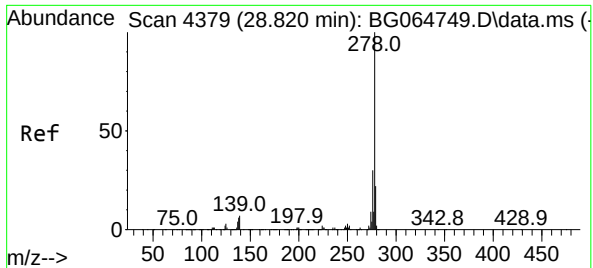
Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

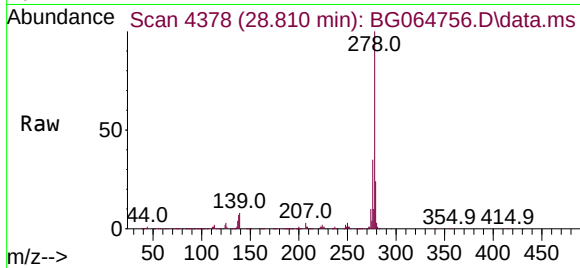
125 5.9 4.2 6.4





#91
Dibenzo(a,h)anthracene
Concen: 41.497 ng
RT: 28.810 min Scan# 4378
Delta R.T. -0.009 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35

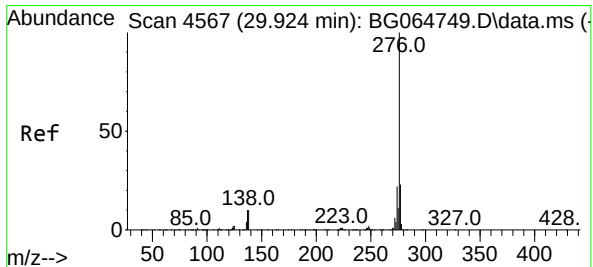
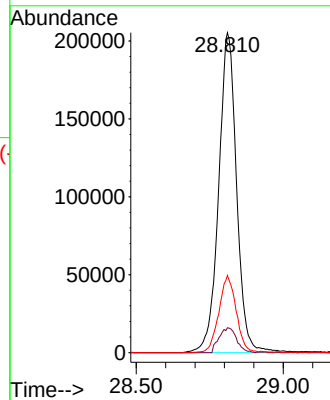
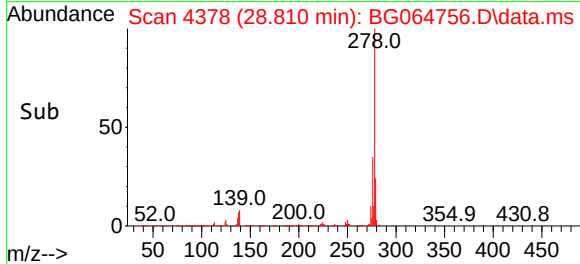
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



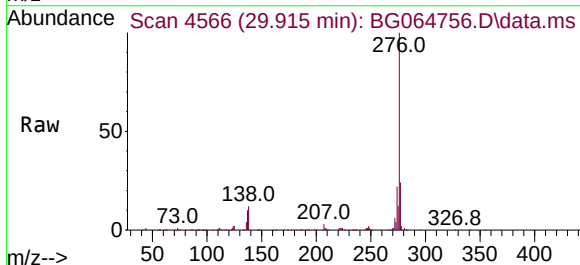
Tgt Ion:278 Resp: 869772
Ion Ratio Lower Upper
278 100
139 7.8 5.8 8.8
279 24.1 17.3 25.9

Manual Integrations
APPROVED

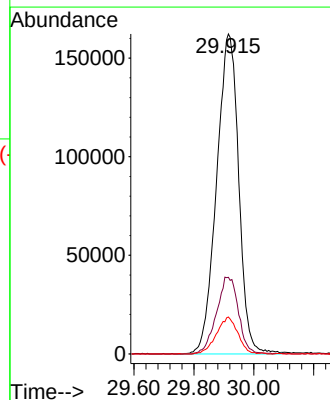
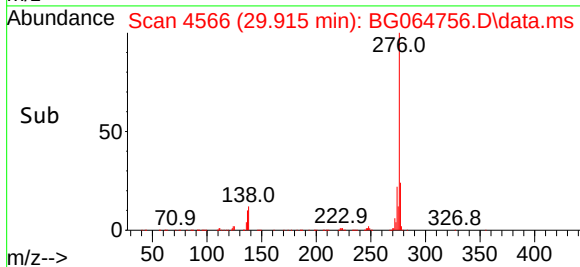
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 41.320 ng
RT: 29.915 min Scan# 4566
Delta R.T. -0.009 min
Lab File: BG064756.D
Acq: 13 Nov 2025 14:35



Tgt Ion:276 Resp: 833495
Ion Ratio Lower Upper
276 100
277 23.9 18.0 27.0
138 11.5 8.2 12.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064756.D
 Acq On : 13 Nov 2025 14:35
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:42:14 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	117	0.00
2	1,4-Dioxane	0.443	0.450	-1.6	113	0.00
3	Pyridine	1.321	1.330	-0.7	115	0.00
4	n-Nitrosodimethylamine	0.672	0.651	3.1	111	0.00
5 S	2-Fluorophenol	1.145	1.131	1.2	114	0.00
6	Aniline	2.030	2.080	-2.5	116	0.00
7 S	Phenol-d6	1.523	1.539	-1.1	114	0.00
8	2-Chlorophenol	1.258	1.295	-2.9	117	0.00
9	Benzaldehyde	0.997	0.963	3.4	110	0.00
10 C	Phenol	1.657	1.683	-1.6	116	0.00
11	bis(2-Chloroethyl)ether	1.179	1.218	-3.3	116	0.00
12	1,3-Dichlorobenzene	1.447	1.448	-0.1	114	0.00
13 C	1,4-Dichlorobenzene	1.474	1.478	-0.3	116	0.00
14	1,2-Dichlorobenzene	1.429	1.438	-0.6	115	0.00
15	Benzyl Alcohol	1.250	1.277	-2.2	115	0.00
16	2,2'-oxybis(1-Chloropropane	2.792	2.835	-1.5	118	0.00
17	2-Methylphenol	1.173	1.196	-2.0	115	0.00
18	Hexachloroethane	0.558	0.545	2.3	114	0.00
19 P	n-Nitroso-di-n-propylamine	1.030	1.080	-4.9	116	0.00
20	3+4-Methylphenols	1.607	1.614	-0.4	115	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
22	Acetophenone	0.545	0.557	-2.2	115	0.00
23 S	Nitrobenzene-d5	0.405	0.405	0.0	113	0.00
24	Nitrobenzene	0.409	0.423	-3.4	118	0.00
25	Isophorone	0.770	0.773	-0.4	116	0.00
26 C	2-Nitrophenol	0.184	0.189	-2.7	113	0.00
27	2,4-Dimethylphenol	0.327	0.339	-3.7	118	0.00
28	bis(2-Chloroethoxy)methane	0.423	0.434	-2.6	118	0.00
29 C	2,4-Dichlorophenol	0.351	0.364	-3.7	115	0.00
30	1,2,4-Trichlorobenzene	0.423	0.420	0.7	114	0.00
31	Naphthalene	1.134	1.123	1.0	113	0.00
32	Benzoic acid	0.205	0.203	1.0	115	0.00
33	4-Chloroaniline	0.454	0.461	-1.5	113	0.00
34 C	Hexachlorobutadiene	0.363	0.358	1.4	113	0.00
35	Caprolactam	0.105	0.103	1.9	115	0.00
36 C	4-Chloro-3-methylphenol	0.390	0.391	-0.3	116	0.00
37	2-Methylnaphthalene	0.848	0.841	0.8	115	0.00
38	1-Methylnaphthalene	0.843	0.824	2.3	114	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	0.778	0.773	0.6	113	0.00
41 P	Hexachlorocyclopentadiene	0.558	0.566	-1.4	115	0.00
42 S	2,4,6-Tribromophenol	0.390	0.387	0.8	114	0.00
43 C	2,4,6-Trichlorophenol	0.457	0.468	-2.4	114	0.00
44	2,4,5-Trichlorophenol	0.512	0.526	-2.7	115	0.00
45 S	2-Fluorobiphenyl	1.433	1.435	-0.1	115	0.00
46	1,1'-Biphenyl	1.436	1.440	-0.3	115	0.00
47	2-Chloronaphthalene	1.132	1.110	1.9	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064756.D
 Acq On : 13 Nov 2025 14:35
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:42:14 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	0.366	-0.5	112	0.00
49	Acenaphthylene	1.933	1.930	0.2	114	0.00
50	Dimethylphthalate	1.580	1.576	0.3	116	0.00
51	2,6-Dinitrotoluene	0.304	0.316	-3.9	118	0.00
52 C	Acenaphthene	1.159	1.191	-2.8	116	0.00
53	3-Nitroaniline	0.300	0.315	-5.0	117	0.00
54 P	2,4-Dinitrophenol	0.158	0.168	-6.3	113	0.00
55	Dibenzofuran	1.916	1.896	1.0	116	0.00
56 P	4-Nitrophenol	0.238	0.242	-1.7	114	0.00
57	2,4-Dinitrotoluene	0.456	0.482	-5.7	119	0.00
58	Fluorene	1.503	1.475	1.9	114	0.00
59	2,3,4,6-Tetrachlorophenol	0.506	0.525	-3.8	119	0.00
60	Diethylphthalate	1.513	1.532	-1.3	117	0.00
61	4-Chlorophenyl-phenylether	0.902	0.902	0.0	117	0.00
62	4-Nitroaniline	0.311	0.324	-4.2	115	0.00
63	Azobenzene	1.259	1.254	0.4	116	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	114	0.00
65	4,6-Dinitro-2-methylphenol	0.111	0.123	-10.8	119	0.00
66 c	n-Nitrosodiphenylamine	0.524	0.550	-5.0	116	0.00
67	4-Bromophenyl-phenylether	0.263	0.273	-3.8	115	0.00
68	Hexachlorobenzene	0.318	0.328	-3.1	117	0.00
69	Atrazine	0.253	0.255	-0.8	114	0.00
70 C	Pentachlorophenol	0.157	0.168	-7.0	119	0.00
71	Phenanthrene	1.094	1.107	-1.2	115	0.00
72	Anthracene	1.116	1.128	-1.1	115	0.00
73	Carbazole	0.959	0.957	0.2	112	0.00
74	Di-n-butylphthalate	1.070	1.087	-1.6	115	0.00
75 C	Fluoranthene	1.496	1.486	0.7	113	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	106	0.00
77	Benzydine	0.599	0.546	8.8	103	0.00
78	Pyrene	1.121	1.181	-5.4	113	0.00
79 S	Terphenyl-d14	1.017	1.067	-4.9	112	0.00
80	Butylbenzylphthalate	0.394	0.404	-2.5	110	0.00
81	Benzo(a)anthracene	1.360	1.363	-0.2	105	0.00
82	3,3'-Dichlorobenzidine	0.501	0.488	2.6	100	0.00
83	Chrysene	1.282	1.292	-0.8	105	0.00
84	Bis(2-ethylhexyl)phthalate	0.576	0.582	-1.0	106	0.00
85 c	Di-n-octyl phthalate	0.996	0.995	0.1	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	100	0.00
87	Indeno(1,2,3-cd)pyrene	1.374	1.421	-3.4	101	0.00
88	Benzo(b)fluoranthene	1.273	1.277	-0.3	99	0.00
89	Benzo(k)fluoranthene	1.279	1.262	1.3	101	0.00
90 C	Benzo(a)pyrene	1.181	1.176	0.4	99	0.00
91	Dibenzo(a,h)anthracene	1.126	1.168	-3.7	101	0.00
92	Benzo(g,h,i)perylene	1.083	1.119	-3.3	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064756.D
Acq On : 13 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 13 15:42:14 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)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064756.D
 Acq On : 13 Nov 2025 14:35
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:42:14 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	117	0.00
2	1,4-Dioxane	40.000	40.552	-1.4	113	0.00
3	Pyridine	40.000	40.278	-0.7	115	0.00
4	n-Nitrosodimethylamine	40.000	38.730	3.2	111	0.00
5 S	2-Fluorophenol	80.000	79.019	1.2	114	0.00
6	Aniline	40.000	40.983	-2.5	116	0.00
7 S	Phenol-d6	80.000	80.798	-1.0	114	0.00
8	2-Chlorophenol	40.000	41.198	-3.0	117	0.00
9	Benzaldehyde	40.000	38.639	3.4	110	0.00
10 C	Phenol	40.000	40.617	-1.5	116	0.00
11	bis(2-Chloroethyl)ether	40.000	41.306	-3.3	116	0.00
12	1,3-Dichlorobenzene	40.000	40.027	-0.1	114	0.00
13 C	1,4-Dichlorobenzene	40.000	40.130	-0.3	116	0.00
14	1,2-Dichlorobenzene	40.000	40.268	-0.7	115	0.00
15	Benzyl Alcohol	40.000	40.855	-2.1	115	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	40.617	-1.5	118	0.00
17	2-Methylphenol	40.000	40.799	-2.0	115	0.00
18	Hexachloroethane	40.000	39.045	2.4	114	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	41.938	-4.8	116	0.00
20	3+4-Methylphenols	40.000	40.181	-0.5	115	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	115	0.00
22	Acetophenone	40.000	40.914	-2.3	115	0.00
23 S	Nitrobenzene-d5	80.000	80.098	-0.1	113	0.00
24	Nitrobenzene	40.000	41.366	-3.4	118	0.00
25	Isophorone	40.000	40.143	-0.4	116	0.00
26 C	2-Nitrophenol	40.000	41.155	-2.9	113	0.00
27	2,4-Dimethylphenol	40.000	41.541	-3.9	118	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.096	-2.7	118	0.00
29 C	2,4-Dichlorophenol	40.000	41.559	-3.9	115	0.00
30	1,2,4-Trichlorobenzene	40.000	39.713	0.7	114	0.00
31	Naphthalene	40.000	39.617	1.0	113	0.00
32	Benzoic acid	40.000	36.836	7.9	115	0.00
33	4-Chloroaniline	40.000	40.682	-1.7	113	0.00
34 C	Hexachlorobutadiene	40.000	39.394	1.5	113	0.00
35	Caprolactam	40.000	39.364	1.6	115	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.031	-0.1	116	0.00
37	2-Methylnaphthalene	40.000	39.654	0.9	115	0.00
38	1-Methylnaphthalene	40.000	39.121	2.2	114	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.731	0.7	113	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.587	-1.5	115	0.00
42 S	2,4,6-Tribromophenol	80.000	79.386	0.8	114	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.960	-2.4	114	0.00
44	2,4,5-Trichlorophenol	40.000	41.043	-2.6	115	0.00
45 S	2-Fluorobiphenyl	80.000	80.083	-0.1	115	0.00
46	1,1'-Biphenyl	40.000	40.093	-0.2	115	0.00
47	2-Chloronaphthalene	40.000	39.247	1.9	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064756.D
 Acq On : 13 Nov 2025 14:35
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 13 15:42:14 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	40.188	-0.5	112	0.00
49	Acenaphthylene	40.000	39.931	0.2	114	0.00
50	Dimethylphthalate	40.000	39.911	0.2	116	0.00
51	2,6-Dinitrotoluene	40.000	41.607	-4.0	118	0.00
52 C	Acenaphthene	40.000	41.082	-2.7	116	0.00
53	3-Nitroaniline	40.000	41.988	-5.0	117	0.00
54 P	2,4-Dinitrophenol	40.000	37.378	6.6	113	0.00
55	Dibenzofuran	40.000	39.567	1.1	116	0.00
56 P	4-Nitrophenol	40.000	40.643	-1.6	114	0.00
57	2,4-Dinitrotoluene	40.000	42.264	-5.7	119	0.00
58	Fluorene	40.000	39.244	1.9	114	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	41.526	-3.8	119	0.00
60	Diethylphthalate	40.000	40.489	-1.2	117	0.00
61	4-Chlorophenyl-phenylether	40.000	40.006	-0.0	117	0.00
62	4-Nitroaniline	40.000	41.749	-4.4	115	0.00
63	Azobenzene	40.000	39.837	0.4	116	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	114	0.00
65	4,6-Dinitro-2-methylphenol	40.000	44.211	-10.5	119	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.959	-4.9	116	0.00
67	4-Bromophenyl-phenylether	40.000	41.596	-4.0	115	0.00
68	Hexachlorobenzene	40.000	41.185	-3.0	117	0.00
69	Atrazine	40.000	40.311	-0.8	114	0.00
70 C	Pentachlorophenol	40.000	39.121	2.2	119	0.00
71	Phenanthrene	40.000	40.470	-1.2	115	0.00
72	Anthracene	40.000	40.445	-1.1	115	0.00
73	Carbazole	40.000	39.888	0.3	112	0.00
74	Di-n-butylphthalate	40.000	40.636	-1.6	115	0.00
75 C	Fluoranthene	40.000	39.735	0.7	113	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	106	0.00
77	Benzidine	40.000	36.445	8.9	103	0.00
78	Pyrene	40.000	42.154	-5.4	113	0.00
79 S	Terphenyl-d14	80.000	83.967	-5.0	112	0.00
80	Butylbenzylphthalate	40.000	41.009	-2.5	110	0.00
81	Benzo(a)anthracene	40.000	40.089	-0.2	105	0.00
82	3,3'-Dichlorobenzidine	40.000	39.020	2.4	100	0.00
83	Chrysene	40.000	40.310	-0.8	105	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.410	-1.0	106	0.00
85 c	Di-n-octyl phthalate	40.000	39.977	0.1	102	0.00
86 I	Perylene-d12	20.000	20.000	0.0	100	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	41.360	-3.4	101	0.00
88	Benzo(b)fluoranthene	40.000	40.131	-0.3	99	0.00
89	Benzo(k)fluoranthene	40.000	39.465	1.3	101	0.00
90 C	Benzo(a)pyrene	40.000	39.834	0.4	99	0.00
91	Dibenzo(a,h)anthracene	40.000	41.497	-3.7	101	0.00
92	Benzo(g,h,i)perylene	40.000	41.320	-3.3	101	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064756.D
Acq On : 13 Nov 2025 14:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC040

Quant Time: Nov 13 15:42:14 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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



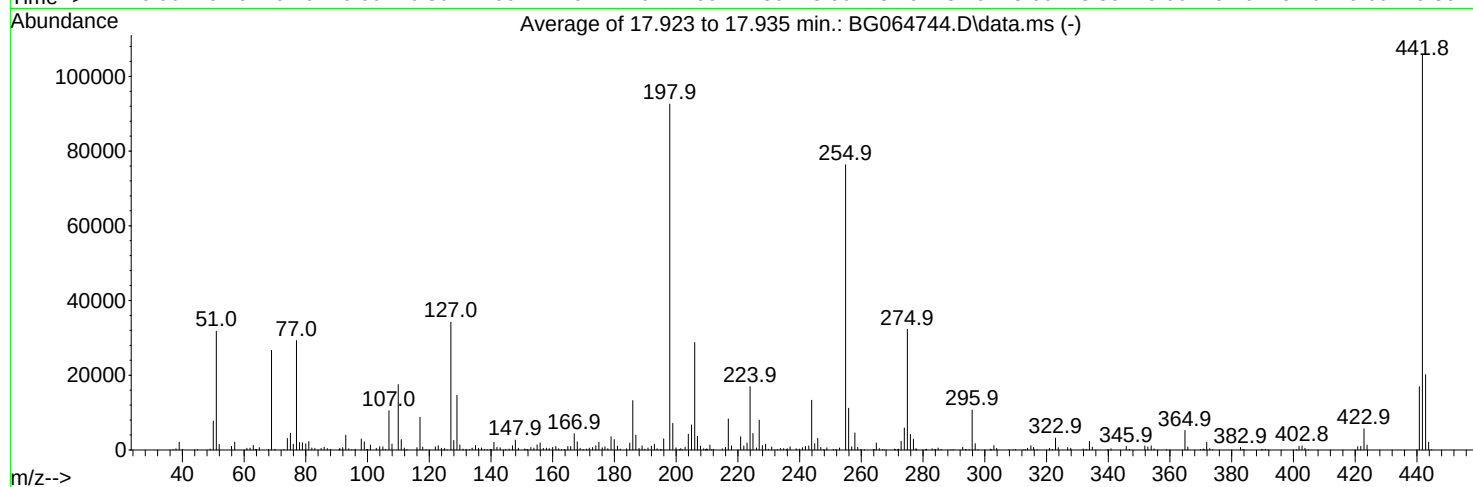
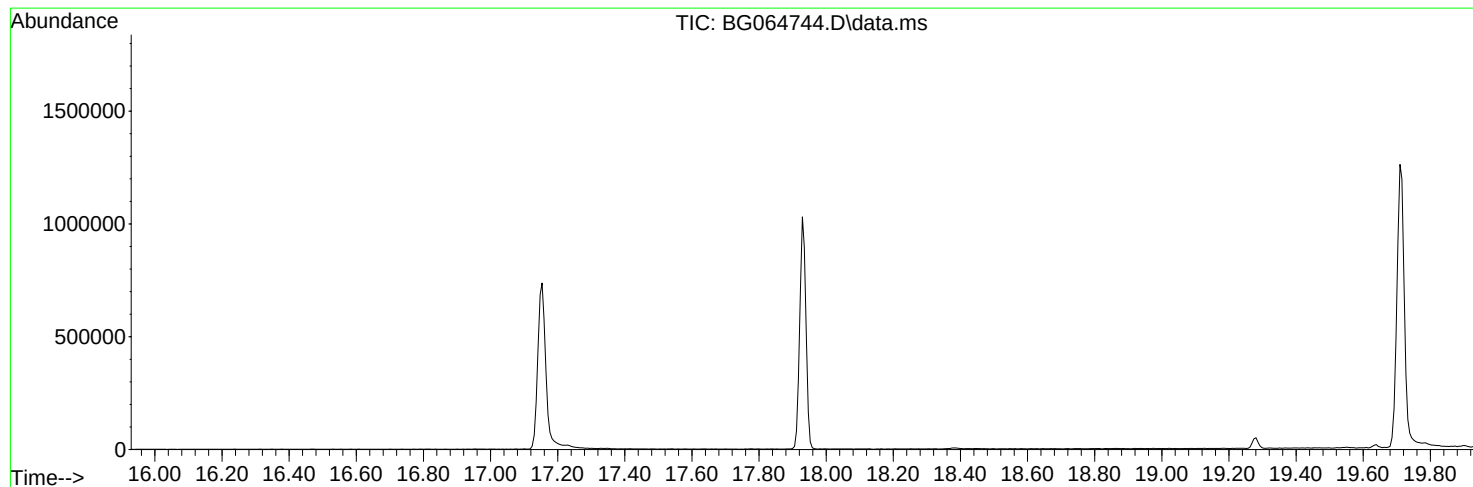
QC SAMPLE DATA

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



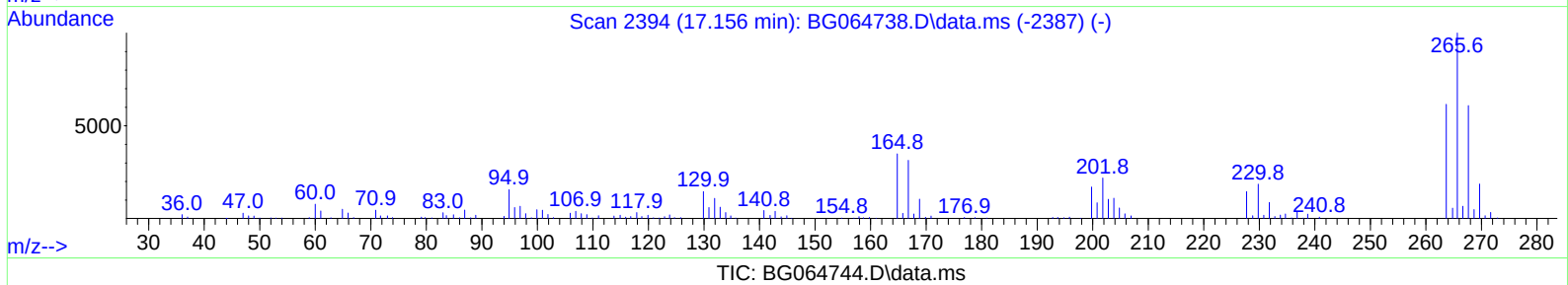
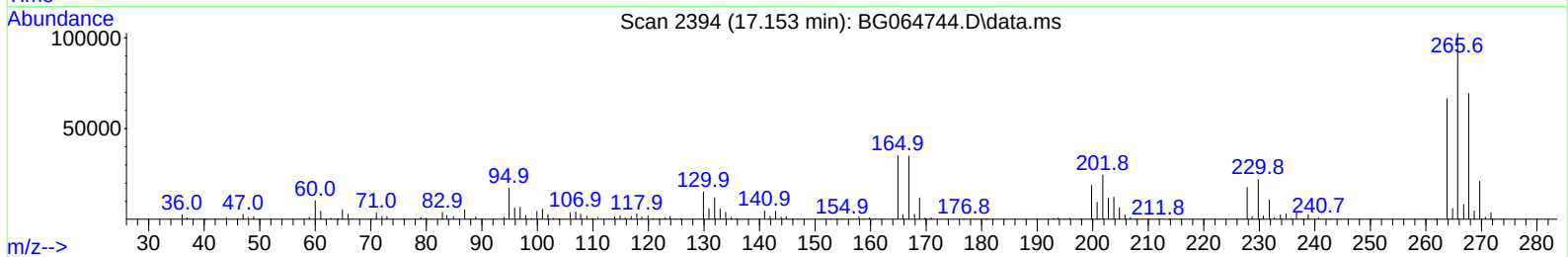
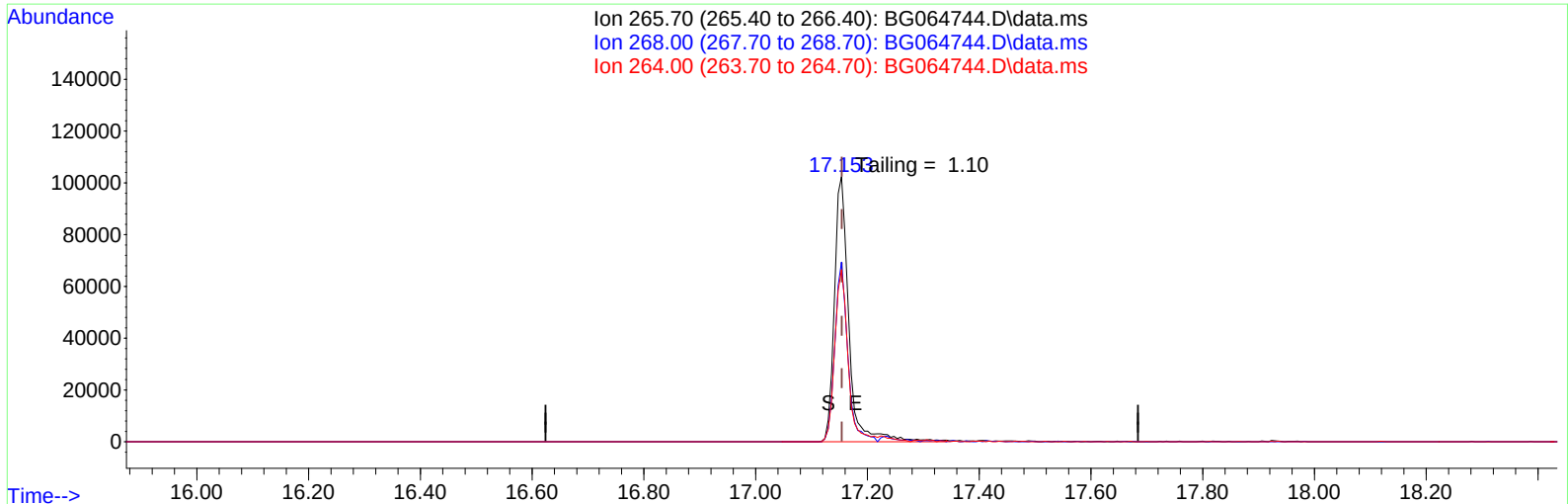
AutoFind: Scans 2525, 2526, 2527; Background Corrected with Scan 2519

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result 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



TIC: BG064744.D\data.ms

(70) Pentachlorophenol (C)

17.153min (-0.001) 31332.04 ng

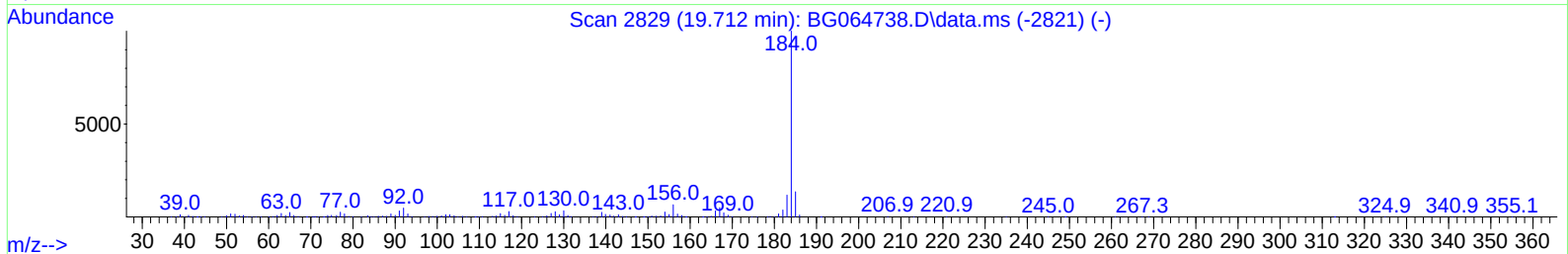
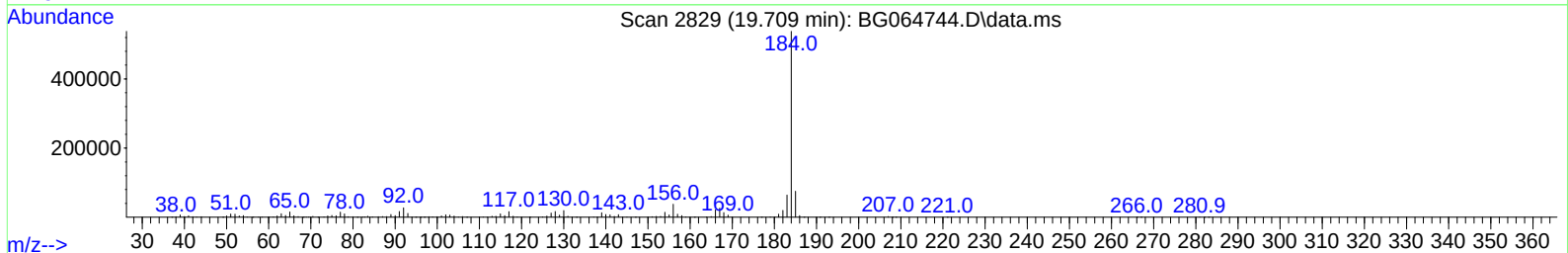
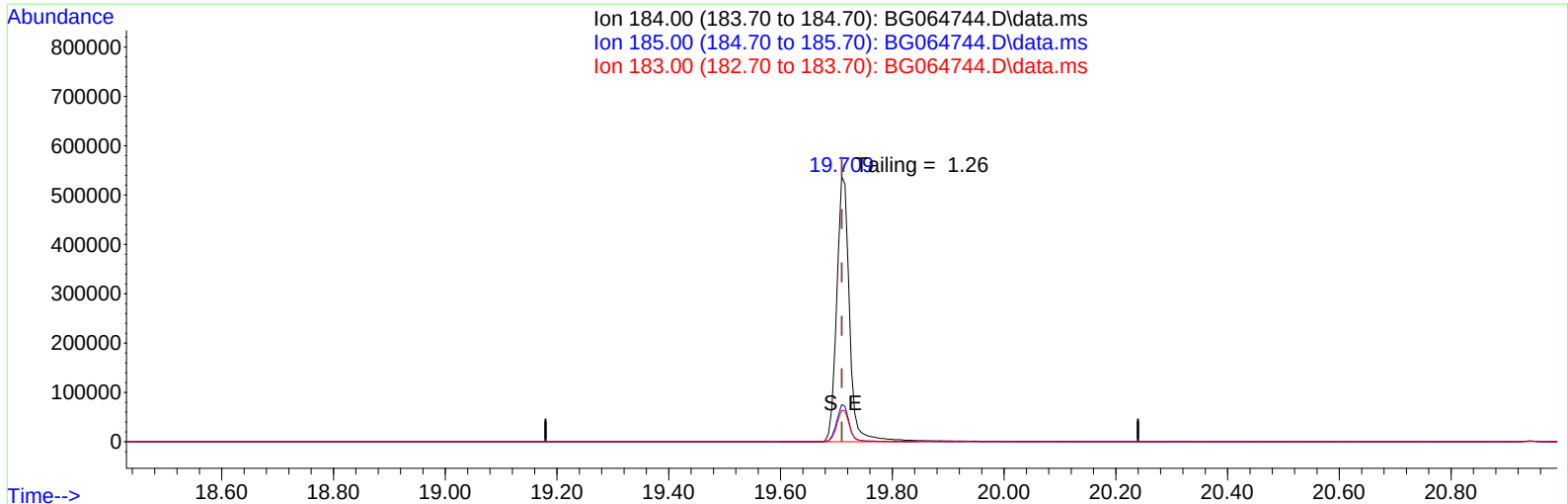
response 182303

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

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/12/2025	BNA_G	<u>BG064744.D</u>
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

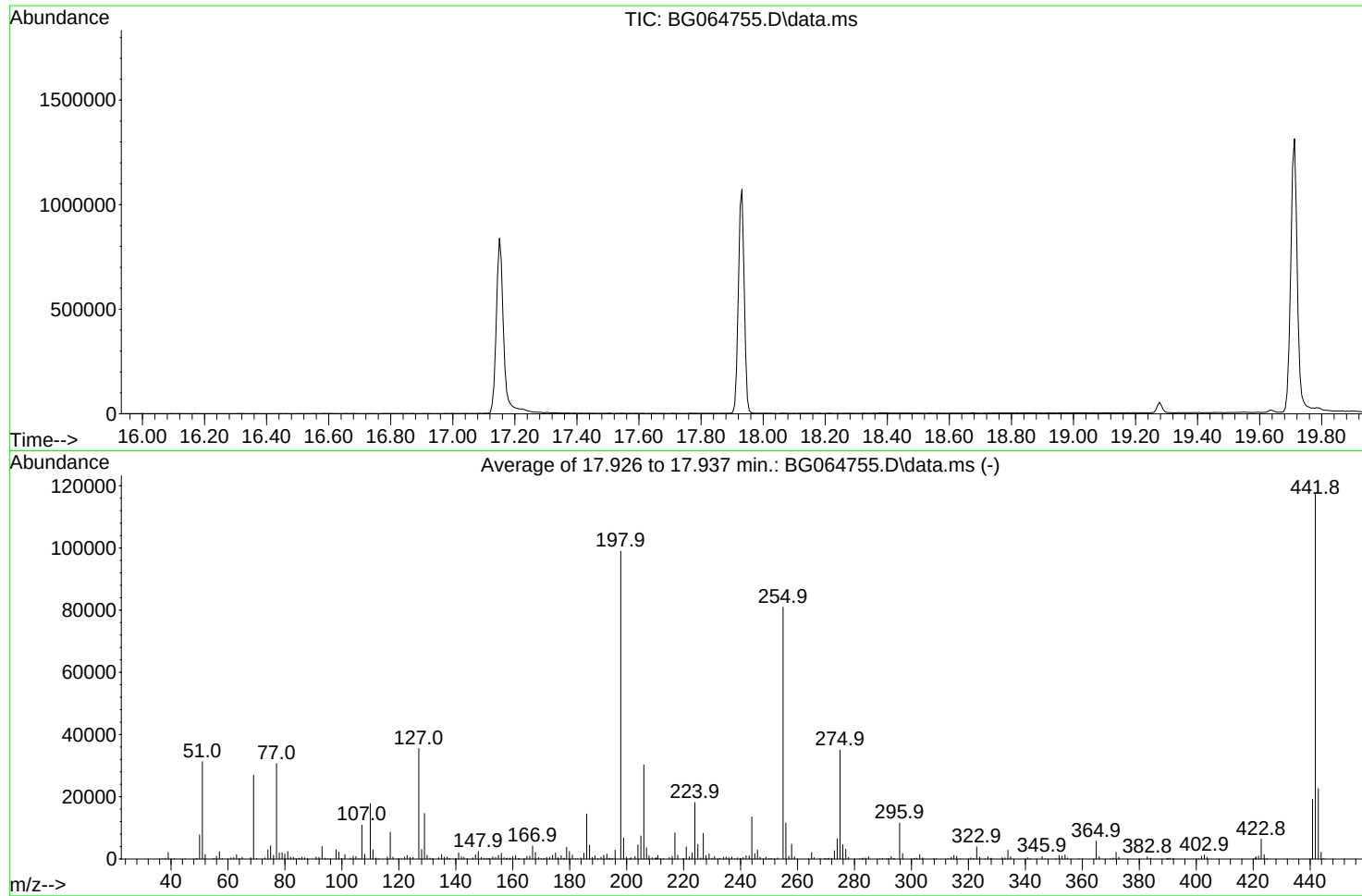
Instrument :
BNA_G
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064755.D
Acq On : 13 Nov 2025 13:54
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



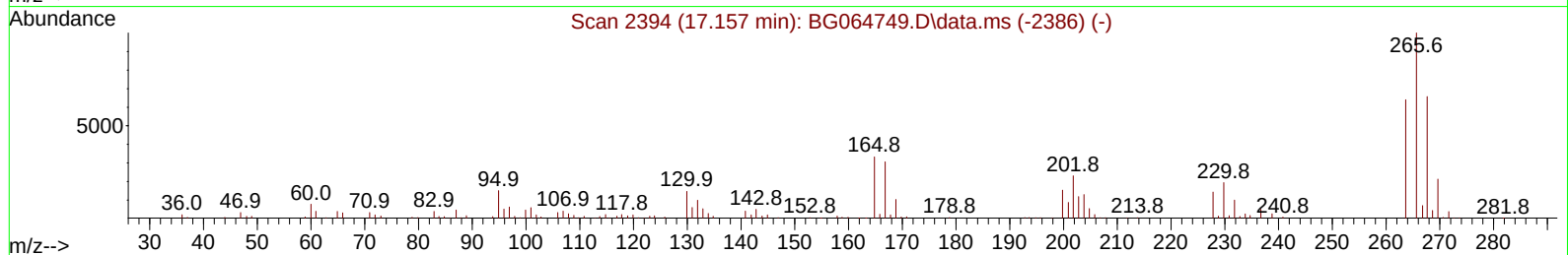
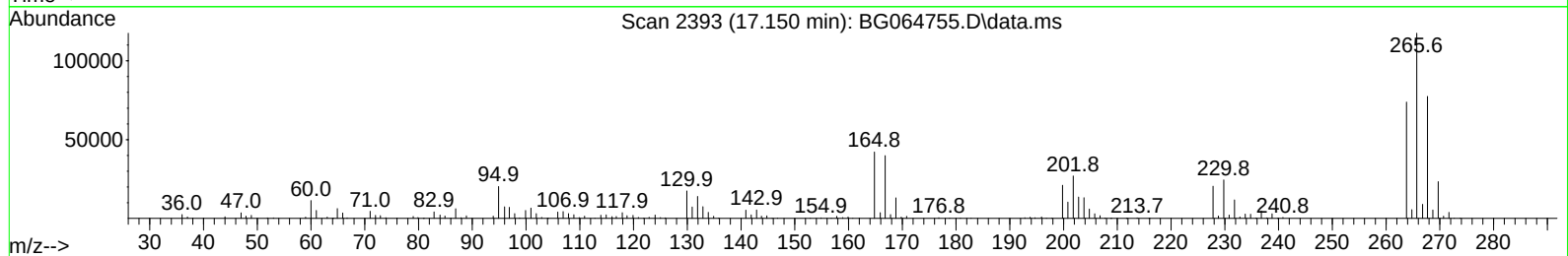
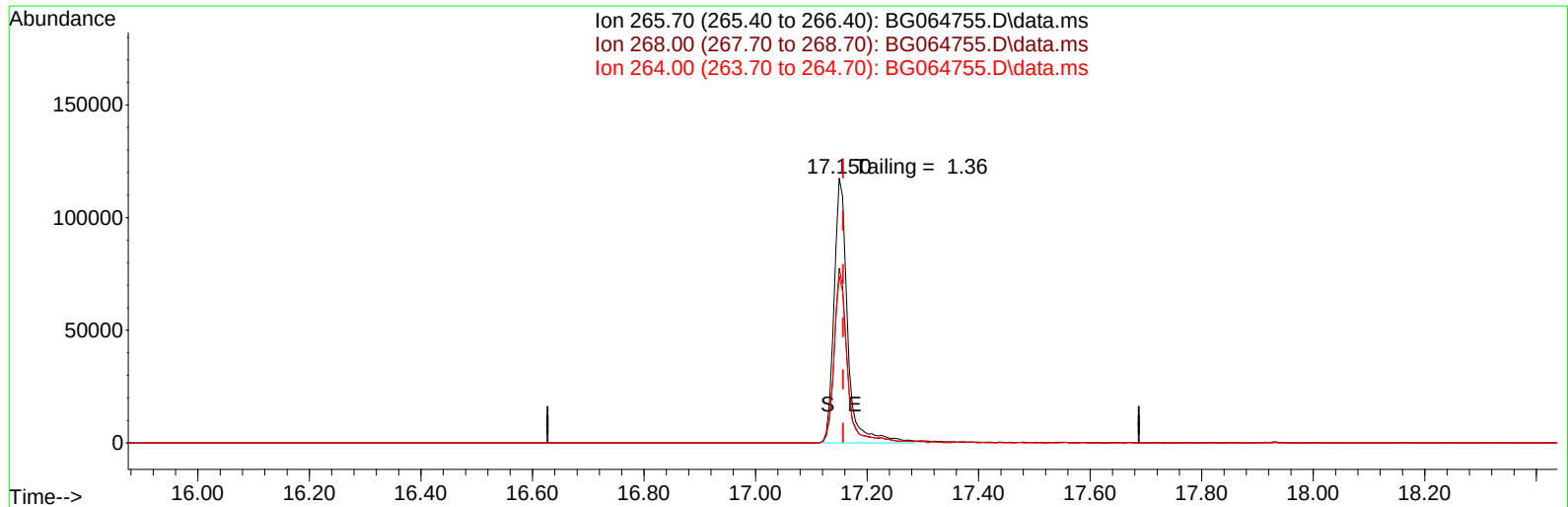
AutoFind: Scans 2525, 2526, 2527; Background Corrected with Scan 2518

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	427	PASS
69	69	100	100	100.0	26979	PASS
70	69	0.00	2	0.5	143	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	98971	PASS
199	198	5	9	6.8	6743	PASS
365	198	1	100	5.8	5743	PASS
441	443	0.01	150	84.8	19173	PASS
442	442	100	100	100.0	117405	PASS
443	442	15	24	19.3	22621	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064755.D
Acq On : 13 Nov 2025 13:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 13 15:48:14 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: BG064755.D\data.ms

(70) Pentachlorophenol (C)

17.150min (-0.007) 321859.64 ng

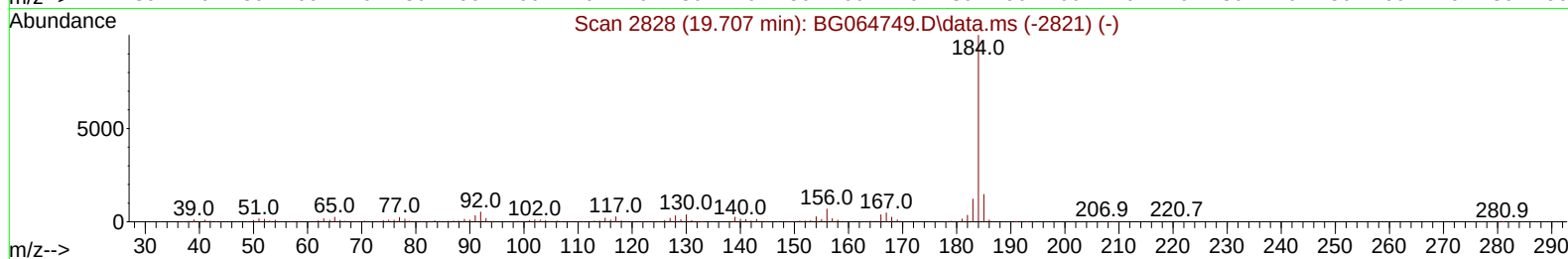
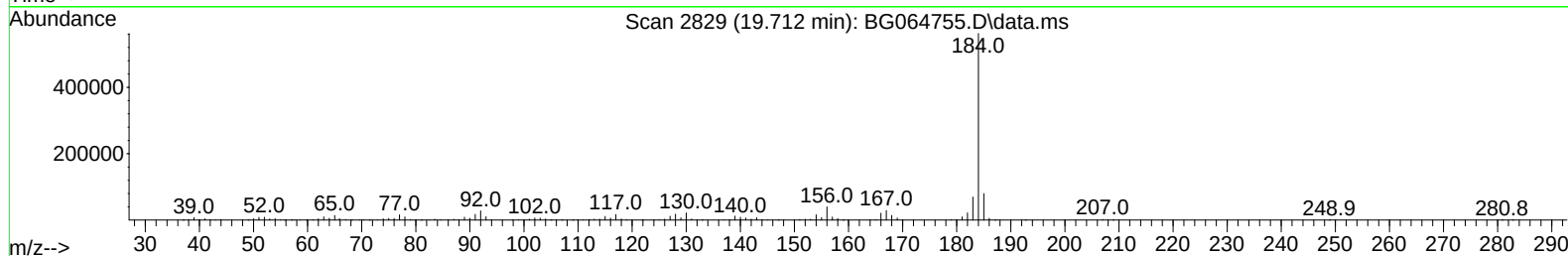
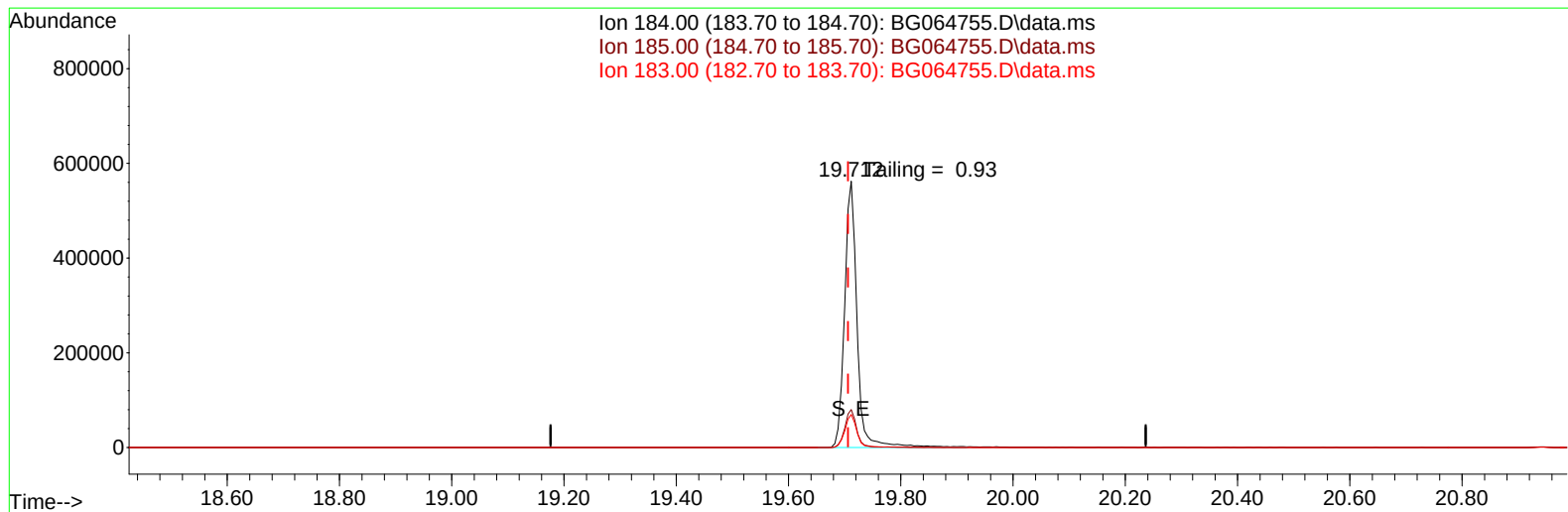
response 200225

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	70.10	70.63
264.00	64.00	62.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064755.D
Acq On : 13 Nov 2025 13:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DFTPP

Quant Time: Nov 13 15:48:14 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: BG064755.D\data.ms

(77) Benzidine

19.712min (+ 0.005) 16479.67 ng

response 867643

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.24
183.00	12.20	12.39
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/13/2025	BNA_G	<u>BG064755.D</u>
Compound Name	Response	Retention Time
DDT	521912	20.94
DDD	6403	20.499
DDE	69	19.271
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6472	528384	1.22

Instrument :
BNA_G
ClientSampleId :
DFTPP

Report of Analysis

Client: Kleinfelder	Date Collected:	
Project: Logan School	Date Received:	
Client Sample ID: PB170528BL	SDG No.:	Q3614
Lab Sample ID: PB170528BL	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.01 g	Test:	SVOCMS Group1
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	22.7	U	1	22.7	170	ug/Kg	11/13/25 15:16	PB170528
86-73-7	Fluorene	25.3	U	1	25.3	170	ug/Kg	11/13/25 15:16	PB170528
85-01-8	Phenanthrene	20.9	U	1	20.9	170	ug/Kg	11/13/25 15:16	PB170528
120-12-7	Anthracene	33.3	U	1	33.3	170	ug/Kg	11/13/25 15:16	PB170528
129-00-0	Pyrene	36.0	U	1	36.0	170	ug/Kg	11/13/25 15:16	PB170528
56-55-3	Benzo(a)anthracene	23.0	U	1	23.0	170	ug/Kg	11/13/25 15:16	PB170528
218-01-9	Chrysene	19.9	U	1	19.9	170	ug/Kg	11/13/25 15:16	PB170528
205-99-2	Benzo(b)fluoranthene	19.0	U	1	19.0	170	ug/Kg	11/13/25 15:16	PB170528
50-32-8	Benzo(a)pyrene	29.5	U	1	29.5	170	ug/Kg	11/13/25 15:16	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	1	29.1	170	ug/Kg	11/13/25 15:16	PB170528
191-24-2	Benzo(g,h,i)perylene	25.7	U	1	25.7	170	ug/Kg	11/13/25 15:16	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	85.8			10 - 108	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	88.7			10 - 108	89%	SPK: 100		
1718-51-0	Terphenyl-d14	90.7			10 - 109	91%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	29000							
1146-65-2	Naphthalene-d8	108000							
15067-26-2	Acenaphthene-d10	85100							
1517-22-2	Phenanthrene-d10	214000							
1719-03-5	Chrysene-d12	341000							
1520-96-3	Perylene-d12	354000							

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\BG111325\
Data File : BG064757.D
Acq On : 13 Nov 2025 15:16
Operator : RC/JU
Sample : PB170528BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170528BL

Quant Time: Nov 13 16:05:29 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	8.166	152	29011	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	107778	20.000	ng	0.00
39) Acenaphthene-d10	14.776	164	85059	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	213577	20.000	ng	0.00
76) Chrysene-d12	21.750	240	341171	20.000	ng	0.00
86) Perylene-d12	25.011	264	353663	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	234464	141.127	ng	0.00
7) Phenol-d6	7.308	99	299193	135.401	ng	0.00
23) Nitrobenzene-d5	9.324	82	187119	85.840	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	215055	129.636	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	540432	88.655	ng	0.00
79) Terphenyl-d14	20.093	244	1572615	90.672	ng	0.00

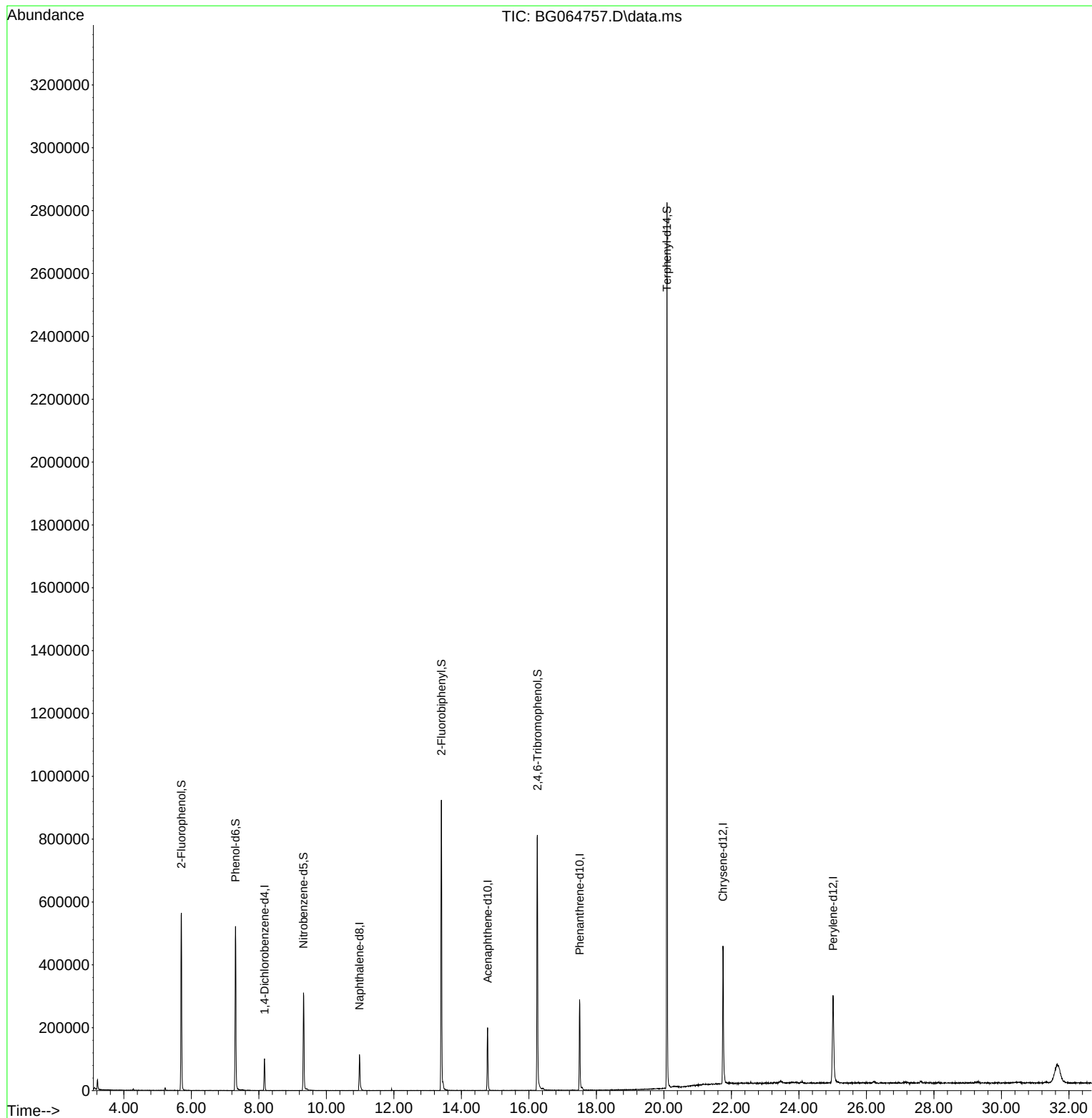
Target Compounds	Qvalue

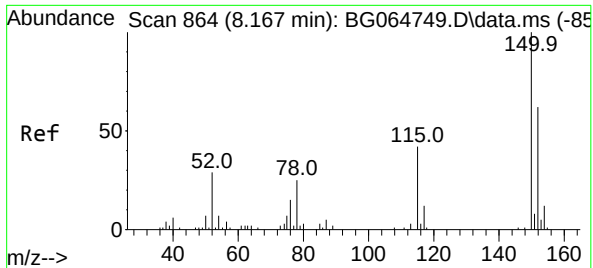
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064757.D
Acq On : 13 Nov 2025 15:16
Operator : RC/JU
Sample : PB170528BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170528BL

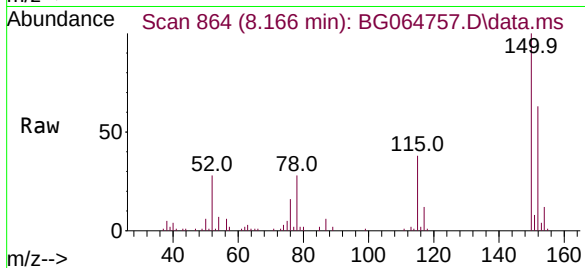
Quant Time: Nov 13 16:05:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



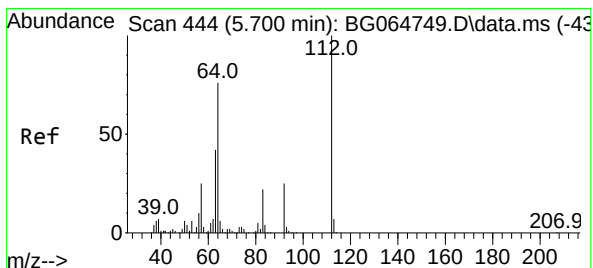
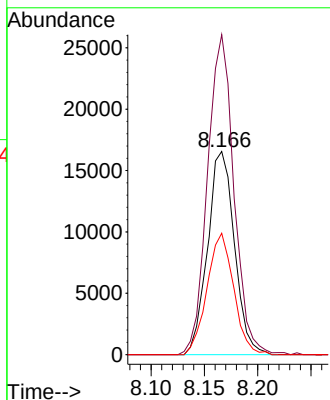
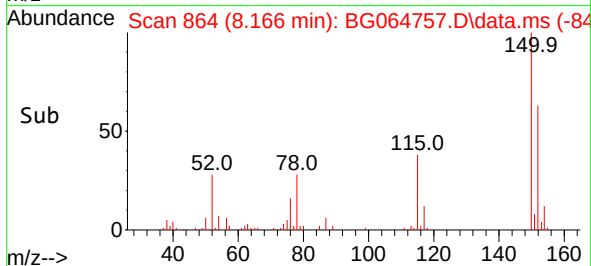


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.166 min Scan# 864
Delta R.T. -0.001 min
Lab File: BG064757.D
Acq: 13 Nov 2025 15:16

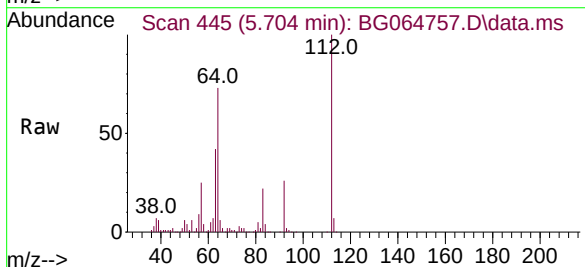
Instrument :
BNA_G
ClientSampleId :
PB170528BL



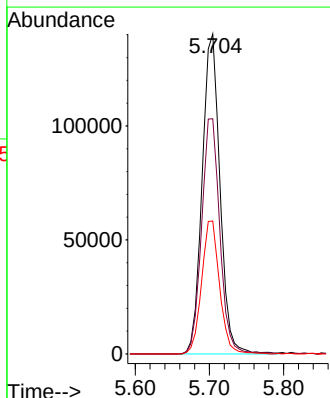
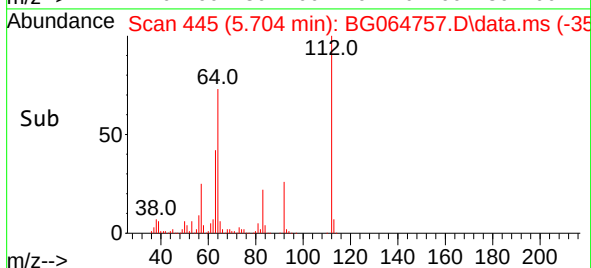
Tgt Ion:152 Resp: 29011
Ion Ratio Lower Upper
152 100
150 157.5 129.2 193.8
115 59.7 53.7 80.5

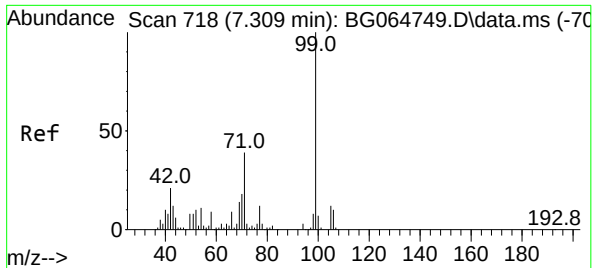


#5
2-Fluorophenol
Concen: 141.127 ng
RT: 5.704 min Scan# 445
Delta R.T. 0.005 min
Lab File: BG064757.D
Acq: 13 Nov 2025 15:16



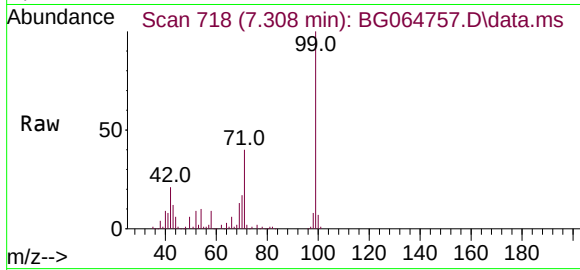
Tgt Ion:112 Resp: 234464
Ion Ratio Lower Upper
112 100
64 73.5 61.0 91.4
63 41.5 33.3 49.9



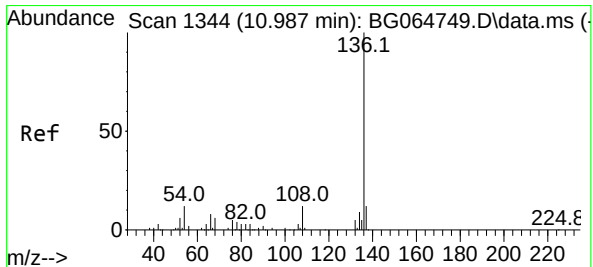
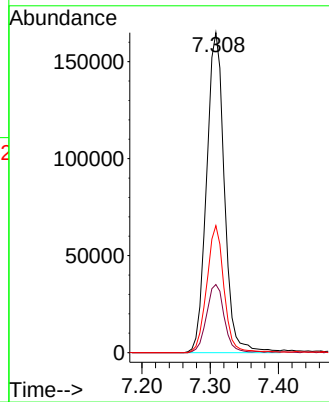
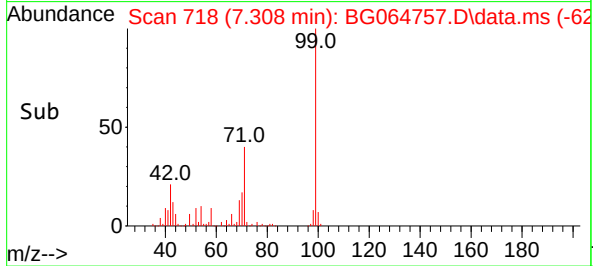


#7
Phenol-d6
Concen: 135.401 ng
RT: 7.308 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG064757.D
Acq: 13 Nov 2025 15:16

Instrument :
BNA_G
ClientSampleId :
PB170528BL

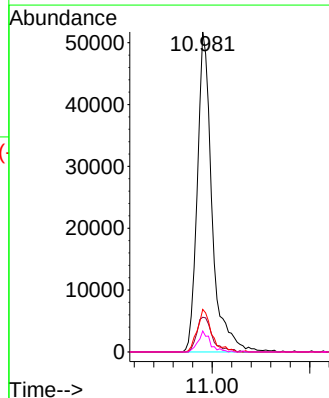
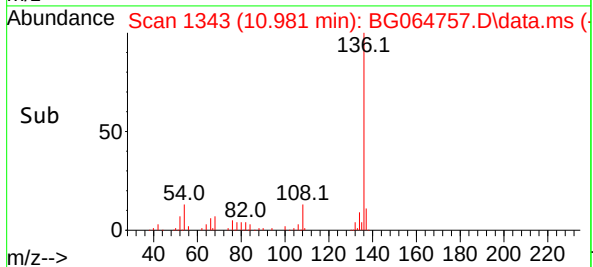
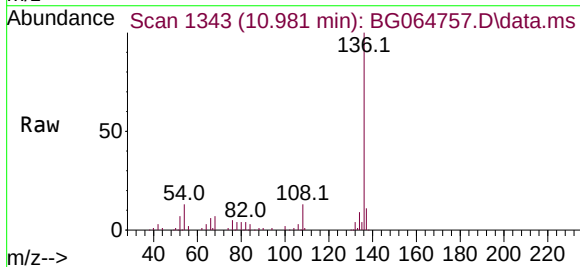


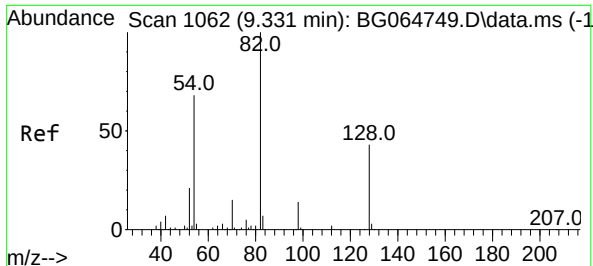
Tgt Ion: 99 Resp: 299193
Ion Ratio Lower Upper
99 100
42 21.3 16.8 25.2
71 39.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BG064757.D
Acq: 13 Nov 2025 15:16

Tgt Ion: 136 Resp: 107778
Ion Ratio Lower Upper
136 100
137 10.8 9.3 13.9
54 13.3 9.3 13.9
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 85.840 ng

RT: 9.324 min Scan# 1061

Delta R.T. -0.007 min

Lab File: BG064757.D

Acq: 13 Nov 2025 15:16

Instrument :

BNA_G

ClientSampleId :

PB170528BL

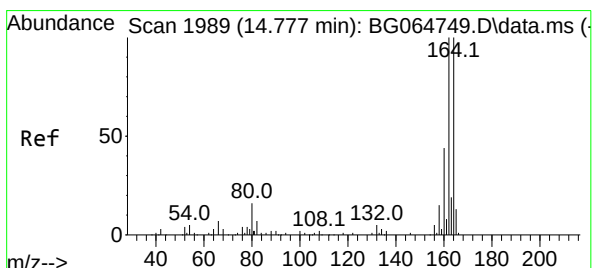
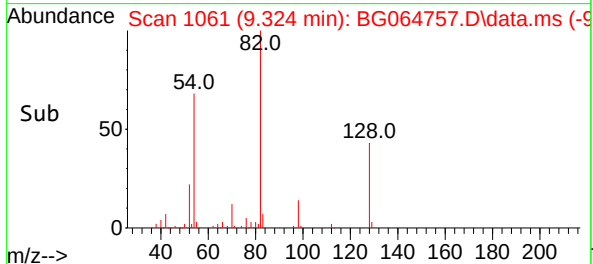
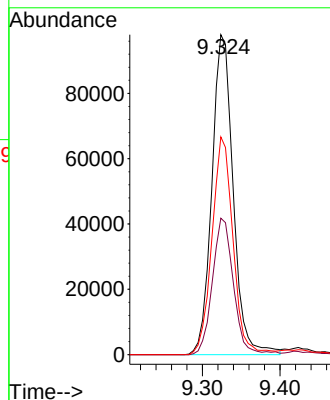
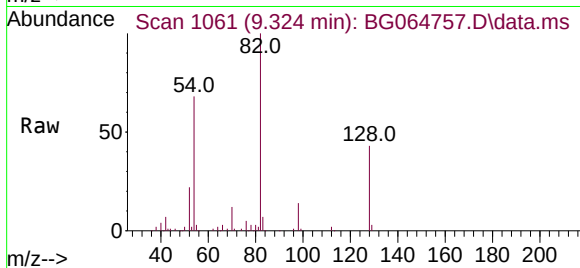
Tgt Ion: 82 Resp: 187119

Ion Ratio Lower Upper

82 100

128 42.6 34.1 51.1

54 68.1 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.776 min Scan# 1989

Delta R.T. -0.001 min

Lab File: BG064757.D

Acq: 13 Nov 2025 15:16

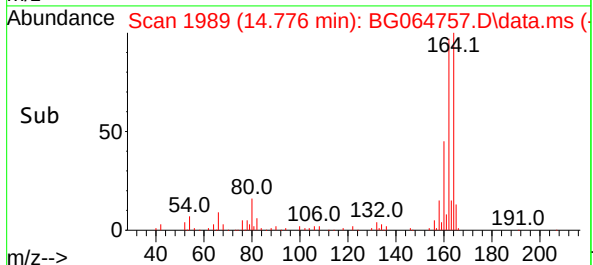
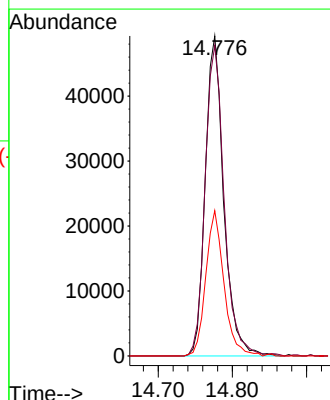
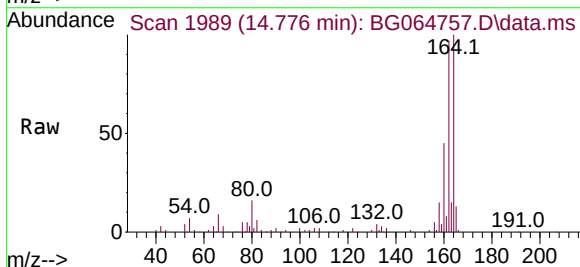
Tgt Ion: 164 Resp: 85059

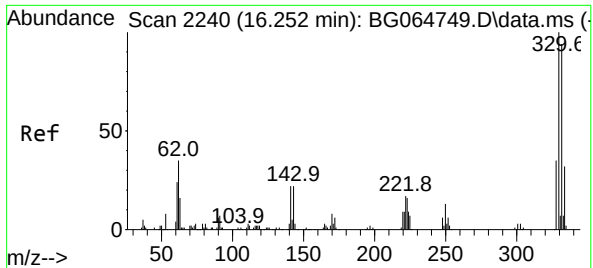
Ion Ratio Lower Upper

164 100

162 97.0 79.8 119.6

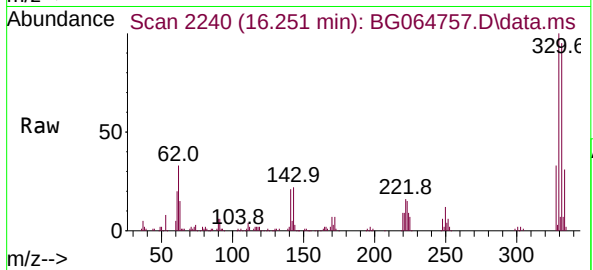
160 45.4 34.9 52.3



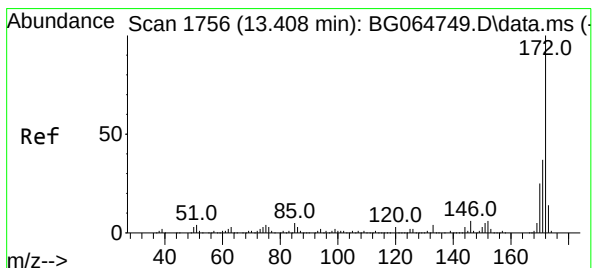
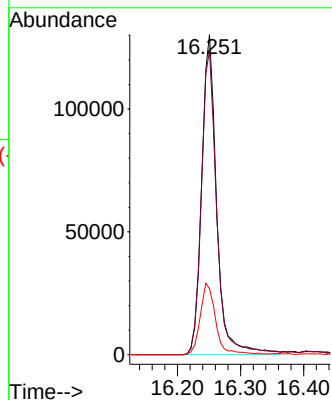
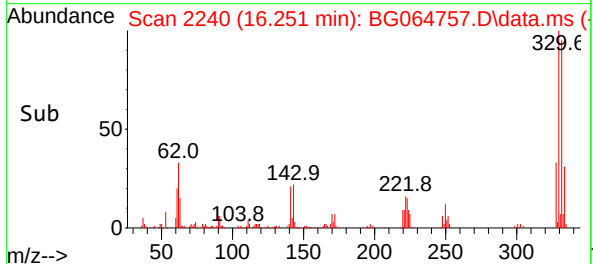


#42
2,4,6-Tribromophenol
Concen: 129.636 ng
RT: 16.251 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG064757.D
Acq: 13 Nov 2025 15:16

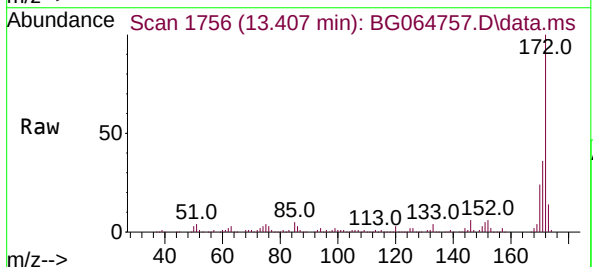
Instrument :
BNA_G
ClientSampleId :
PB170528BL



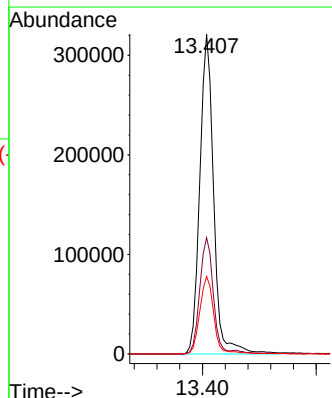
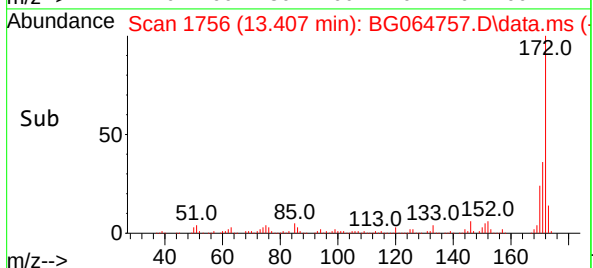
Tgt Ion:330 Resp: 215055
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 23.0 18.2 27.2

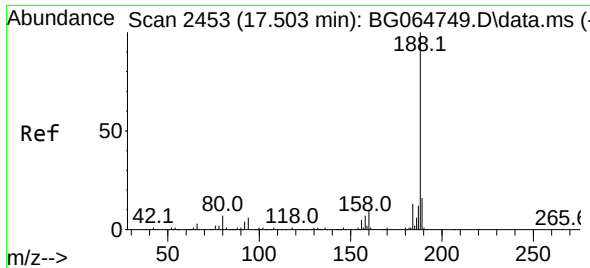


#45
2-Fluorobiphenyl
Concen: 88.655 ng
RT: 13.407 min Scan# 1756
Delta R.T. -0.001 min
Lab File: BG064757.D
Acq: 13 Nov 2025 15:16



Tgt Ion:172 Resp: 540432
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 24.2 19.8 29.6

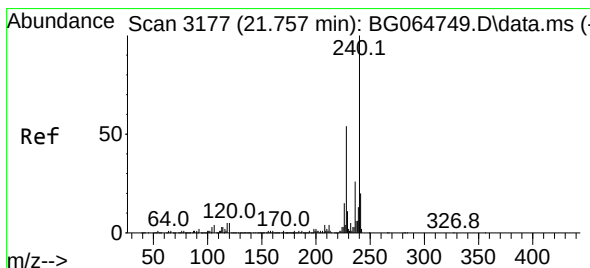
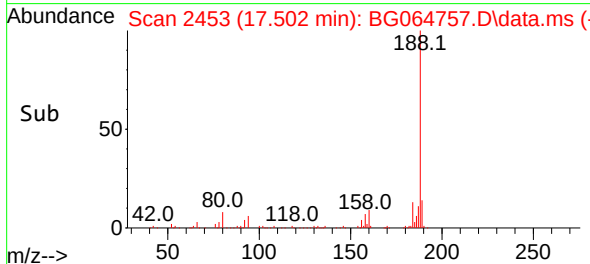
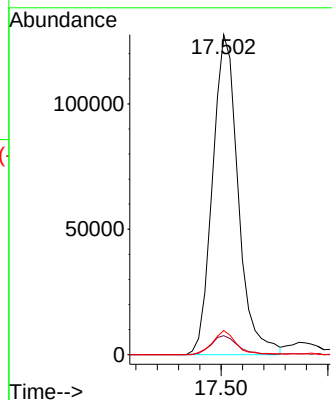
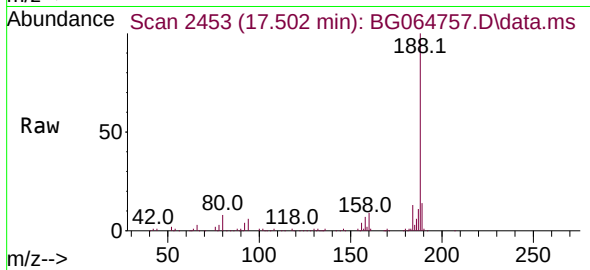




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG064757.D
Acq: 13 Nov 2025 15:16

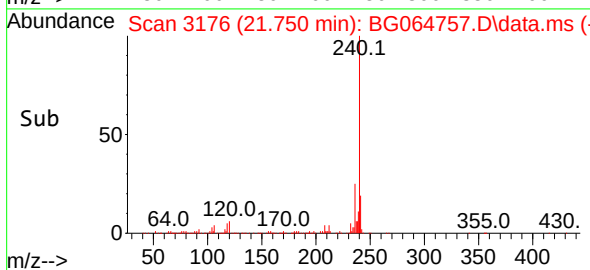
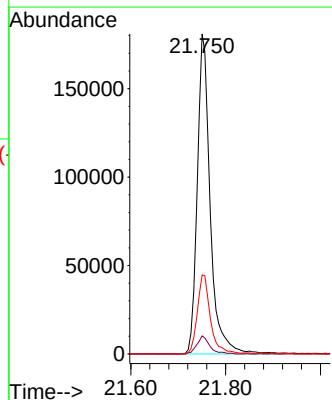
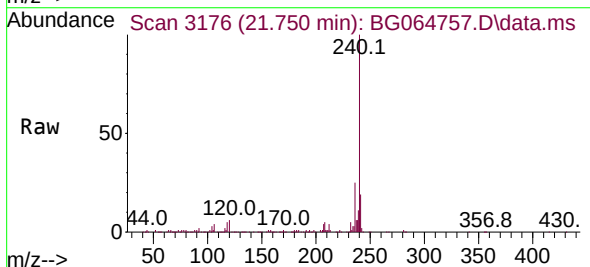
Instrument :
BNA_G
ClientSampleId :
PB170528BL

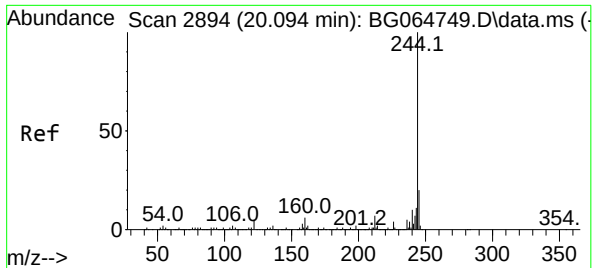
Tgt Ion	188	Resp	213577
Ion Ratio	Lower	Upper	
188	100		
94	6.0	4.7	7.1
80	7.5	5.4	8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG064757.D
Acq: 13 Nov 2025 15:16

Tgt Ion	240	Resp	341171
Ion Ratio	Lower	Upper	
240	100		
120	5.6	4.2	6.4
236	24.7	20.8	31.2

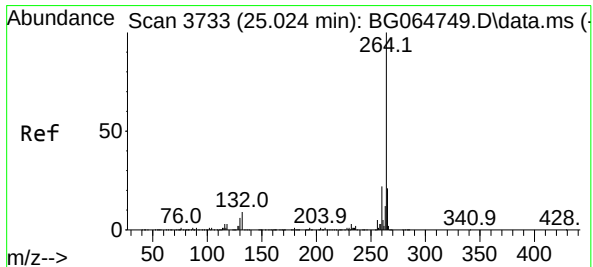
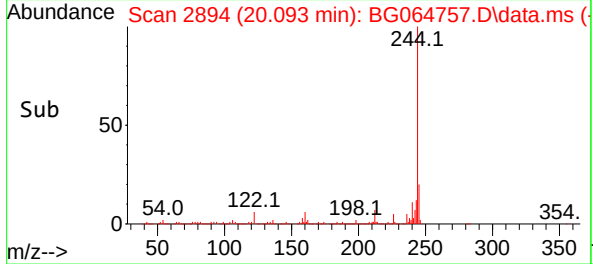
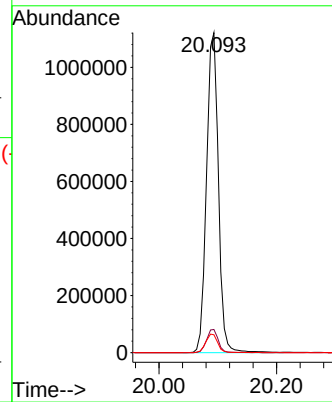
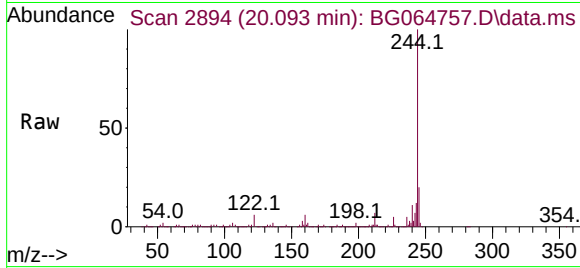




#79
 Terphenyl-d14
 Concen: 90.672 ng
 RT: 20.093 min Scan# 2894
 Delta R.T. -0.001 min
 Lab File: BG064757.D
 Acq: 13 Nov 2025 15:16

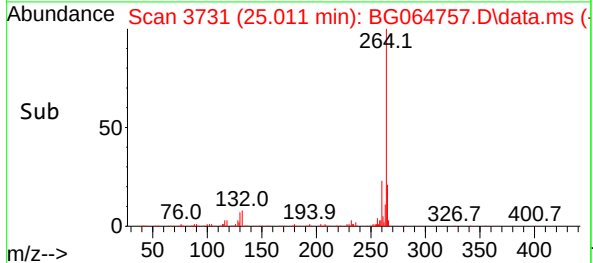
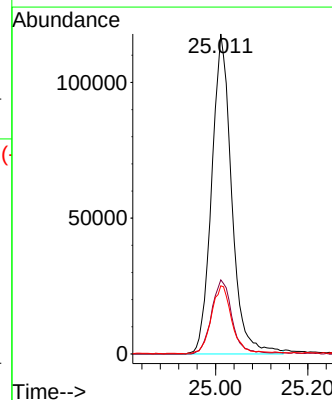
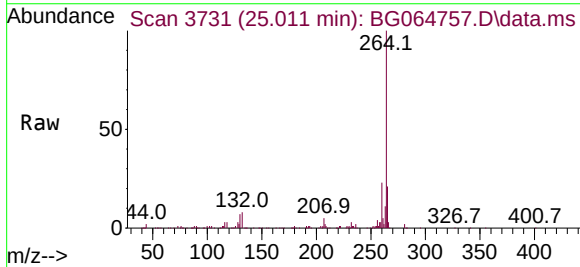
Instrument :
 BNA_G
 ClientSampleId :
 PB170528BL

Tgt Ion:244 Resp: 1572615
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 5.6 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.011 min Scan# 3731
 Delta R.T. -0.013 min
 Lab File: BG064757.D
 Acq: 13 Nov 2025 15:16

Tgt Ion:264 Resp: 353663
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.2 25.8
 265 21.3 16.6 25.0



Report of Analysis

Client: Kleinfelder	Date Collected:	
Project: Logan School	Date Received:	
Client Sample ID: PB170528BS	SDG No.:	Q3614
Lab Sample ID: PB170528BS	Matrix:	SOIL
Analytical Method: 8270E	% Solid:	100
Sample Wt/Vol: 30.03 g	Test:	SVOCMS Group1
Prep Method : SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1400	1	22.7		170	ug/Kg	11/13/25 15:57	PB170528
86-73-7	Fluorene	1400	1	25.3		170	ug/Kg	11/13/25 15:57	PB170528
85-01-8	Phenanthrene	1400	1	20.9		170	ug/Kg	11/13/25 15:57	PB170528
120-12-7	Anthracene	1400	1	33.3		170	ug/Kg	11/13/25 15:57	PB170528
129-00-0	Pyrene	1400	1	36.0		170	ug/Kg	11/13/25 15:57	PB170528
56-55-3	Benzo(a)anthracene	1400	1	23.0		170	ug/Kg	11/13/25 15:57	PB170528
218-01-9	Chrysene	1400	1	19.9		170	ug/Kg	11/13/25 15:57	PB170528
205-99-2	Benzo(b)fluoranthene	1600	1	19.0		170	ug/Kg	11/13/25 15:57	PB170528
50-32-8	Benzo(a)pyrene	1600	1	29.5		170	ug/Kg	11/13/25 15:57	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1600	1	29.1		170	ug/Kg	11/13/25 15:57	PB170528
191-24-2	Benzo(g,h,i)perylene	1600	1	25.7		170	ug/Kg	11/13/25 15:57	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	78.6		10 - 108		79%	SPK: 100		
321-60-8	2-Fluorobiphenyl	78.1		10 - 108		78%	SPK: 100		
1718-51-0	Terphenyl-d14	77.9		10 - 109		78%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	35300							
1146-65-2	Naphthalene-d8	135000							
15067-26-2	Acenaphthene-d10	109000							
1517-22-2	Phenanthrene-d10	278000							
1719-03-5	Chrysene-d12	389000							
1520-96-3	Perylene-d12	384000							

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\BG111325\
 Data File : BG064758.D
 Acq On : 13 Nov 2025 15:57
 Operator : RC/JU
 Sample : PB170528BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025

Quant Time: Nov 13 16:47:34 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	8.170	152	35345	20.000	ng	# 0.00
21) Naphthalene-d8	10.984	136	134884	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	109093	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	277518	20.000	ng	0.00
76) Chrysene-d12	21.760	240	388627	20.000	ng	0.00
86) Perylene-d12	25.015	264	384250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	254066	125.521	ng	0.00
7) Phenol-d6	7.312	99	338793	125.846	ng	0.00
23) Nitrobenzene-d5	9.327	82	214456	78.611	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	267173	125.572	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	610435	78.077	ng	0.00
79) Terphenyl-d14	20.091	244	1538381	77.867	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	26099	33.307	ng	96
3) Pyridine	3.933	79	70196	30.066	ng	99
4) n-Nitrosodimethylamine	3.845	42	47590	40.048	ng	97
6) Aniline	7.482	93	108952	30.362	ng	100
8) 2-Chlorophenol	7.729	128	99871	44.936	ng	99
9) Benzaldehyde	7.288	77	40023	22.711	ng	99
10) Phenol	7.335	94	132310	45.170	ng	97
11) bis(2-Chloroethyl)ether	7.570	93	88499	42.459	ng	97
12) 1,3-Dichlorobenzene	8.052	146	103159	40.337	ng	96
13) 1,4-Dichlorobenzene	8.199	146	109006	41.859	ng	100
14) 1,2-Dichlorobenzene	8.522	146	104476	41.377	ng	96
15) Benzyl Alcohol	8.399	79	97504	44.124	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.693	45	194173	39.357	ng	97
17) 2-Methylphenol	8.598	107	91269	44.037	ng	96
18) Hexachloroethane	9.262	117	39113	39.656	ng	99
19) n-Nitroso-di-n-propyla...	8.969	70	75668	41.570	ng	96
20) 3+4-Methylphenols	8.928	107	121650	42.845	ng	93
22) Acetophenone	8.986	105	174486	47.481	ng	# 99
24) Nitrobenzene	9.368	77	117523	42.635	ng	97
25) Isophorone	9.897	82	214996	41.384	ng	99
26) 2-Nitrophenol	10.085	139	55456	44.728	ng	95
27) 2,4-Dimethylphenol	10.138	122	96822	43.957	ng	95
28) bis(2-Chloroethoxy)met...	10.373	93	122129	42.821	ng	98
29) 2,4-Dichlorophenol	10.626	162	110934	46.910	ng	99
30) 1,2,4-Trichlorobenzene	10.843	180	126218	44.200	ng	96
31) Naphthalene	11.037	128	318715	41.682	ng	99
32) Benzoic acid	10.267	122	71107m	46.017	ng	
33) 4-Chloroaniline	11.131	127	75168	24.575	ng	97
34) Hexachlorobutadiene	11.325	225	97649	39.855	ng	98
35) Caprolactam	11.889	113	32826m	46.409	ng	
36) 4-Chloro-3-methylphenol	12.235	107	118485	45.014	ng	97
37) 2-Methylnaphthalene	12.623	142	217639	38.036	ng	99
38) 1-Methylnaphthalene	12.841	142	224362	39.473	ng	100
40) 1,2,4,5-Tetrachloroben...	12.987	216	200015	47.111	ng	99
41) Hexachlorocyclopentadiene	12.976	237	228769	75.176	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	111873	44.897	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064758.D
 Acq On : 13 Nov 2025 15:57
 Operator : RC/JU
 Sample : PB170528BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Manual Integrations

APPROVED

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

Quant Time: Nov 13 16:47:34 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

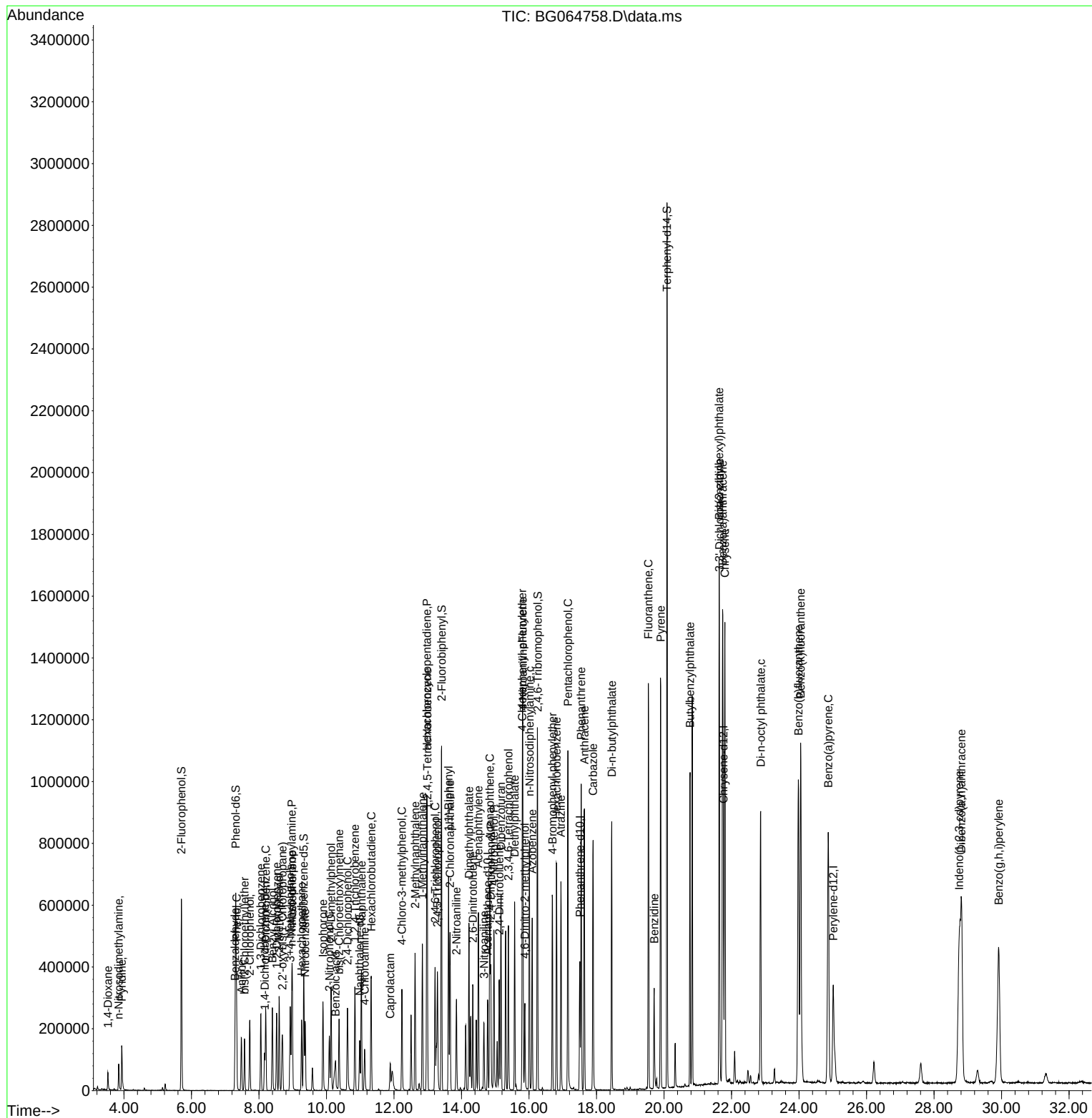
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	124271	44.466	ng	94
46) 1,1'-Biphenyl	13.616	154	367538	46.907	ng	99
47) 2-Chloronaphthalene	13.663	162	261567	42.373	ng	97
48) 2-Nitroaniline	13.851	65	92044	46.359	ng	97
49) Acenaphthylene	14.503	152	456163	43.255	ng	99
50) Dimethylphthalate	14.221	163	369244	42.847	ng	100
51) 2,6-Dinitrotoluene	14.339	165	77377	46.662	ng	92
52) Acenaphthene	14.838	154	309502	48.947	ng	99
53) 3-Nitroaniline	14.668	138	56120	34.290	ng	89
54) 2,4-Dinitrophenol	14.868	184	98270	85.814	ng	90
55) Dibenzofuran	15.173	168	447187	42.778	ng	99
56) 4-Nitrophenol	14.962	139	125587	96.715	ng	95
57) 2,4-Dinitrotoluene	15.120	165	115312	46.384	ng	100
58) Fluorene	15.814	166	352150	42.951	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.391	232	132798	48.160	ng	# 98
60) Diethylphthalate	15.573	149	360477	43.666	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	209410	42.559	ng	98
62) 4-Nitroaniline	15.819	138	75195	44.349	ng	96
63) Azobenzene	16.096	77	300925	43.825	ng	98
65) 4,6-Dinitro-2-methylph...	15.878	198	75724	49.145	ng	94
66) n-Nitrosodiphenylamine	16.013	169	325431	44.769	ng	99
67) 4-Bromophenyl-phenylether	16.695	248	156547	42.955	ng	98
68) Hexachlorobenzene	16.818	284	190725	43.195	ng	95
69) Atrazine	16.948	200	153998	43.941	ng	97
70) Pentachlorophenol	17.153	266	246683	93.303	ng	99
71) Phenanthrene	17.547	178	660565	43.504	ng	99
72) Anthracene	17.641	178	661448	42.722	ng	100
73) Carbazole	17.899	167	587443	44.136	ng	99
74) Di-n-butylphthalate	18.452	149	649966	43.771	ng	99
75) Fluoranthene	19.539	202	898032	43.251	ng	99
77) Benzidine	19.709	184	244616	21.017	ng	99
78) Pyrene	19.903	202	934321	42.896	ng	97
80) Butylbenzylphthalate	20.772	149	328457	42.873	ng	96
81) Benzo(a)anthracene	21.736	228	1127249	42.658	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	300479	30.893	ng	99
83) Chrysene	21.807	228	1062387	42.644	ng	99
84) Bis(2-ethylhexyl)phtha...	21.636	149	478286	42.723	ng	99
85) Di-n-octyl phthalate	22.864	149	829659	42.874	ng	100
87) Indeno(1,2,3-cd)pyrene	28.745	276	1233751	46.734	ng	# 96
88) Benzo(b)fluoranthene	23.980	252	1154586	47.216	ng	99
89) Benzo(k)fluoranthene	24.051	252	1152801	46.925	ng	99
90) Benzo(a)pyrene	24.868	252	1070783	47.206	ng	99
91) Dibenzo(a,h)anthracene	28.810	278	1029634	47.609	ng	97
92) Benzo(g,h,i)perylene	29.921	276	975725	46.879	ng	100

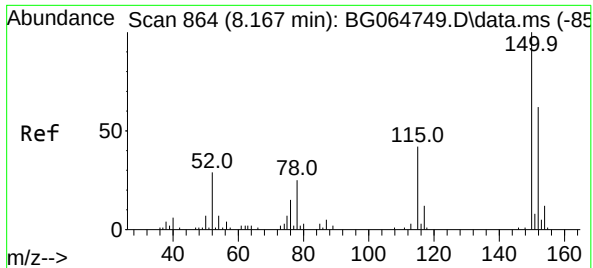
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Instrument :
BNA_G
ClientSampleId :
PB170528BS

Manual Integrations APPROVED

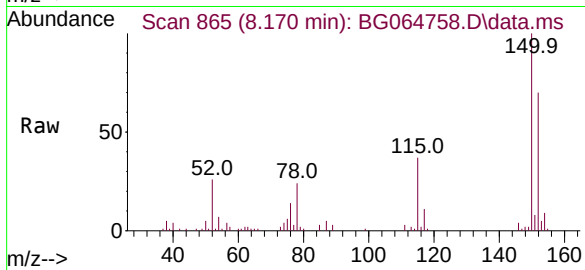
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

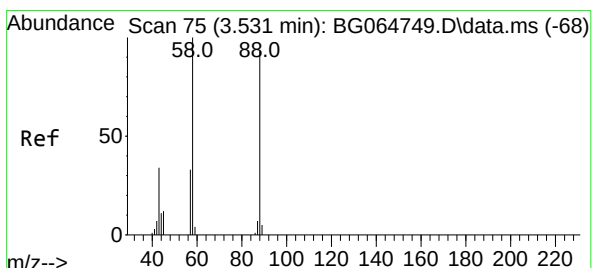
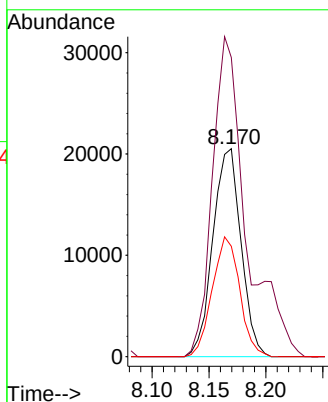
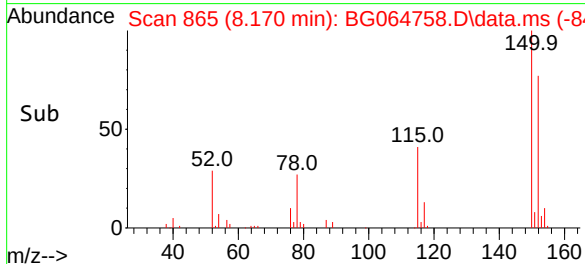
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion: 152 Resp: 35345
Ion Ratio Lower Upper
152 100
150 143.9 129.2 193.8
115 53.1 53.7 80.5

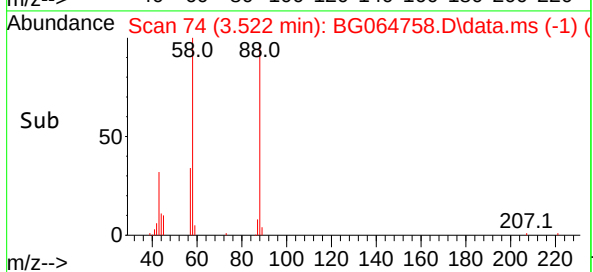
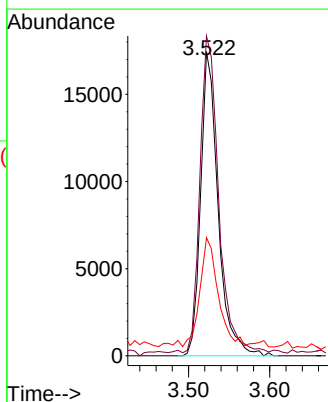
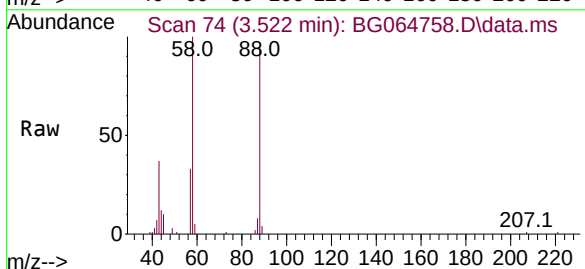
Manual Integrations
APPROVED

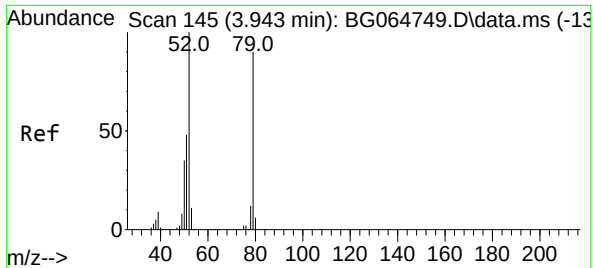
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 33.307 ng
RT: 3.522 min Scan# 74
Delta R.T. -0.009 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion: 88 Resp: 26099
Ion Ratio Lower Upper
88 100
58 110.9 84.6 126.8
43 37.3 30.0 45.0





#3

Pyridine

Concen: 30.066 ng

RT: 3.933 min Scan# 14

Delta R.T. -0.009 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Tgt Ion: 79 Resp: 70196

Ion Ratio Lower Upper

79 100

52 111.9 89.0 133.4

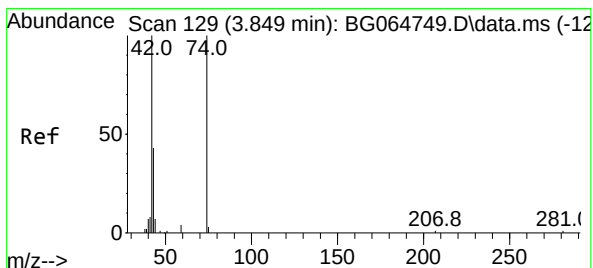
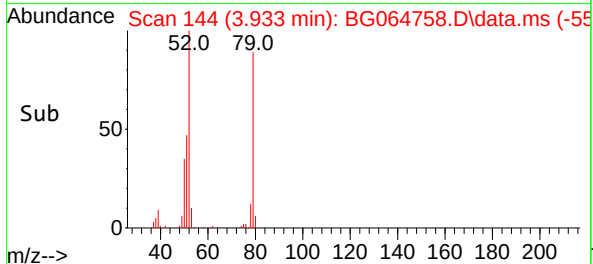
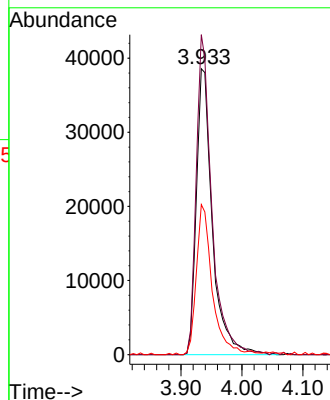
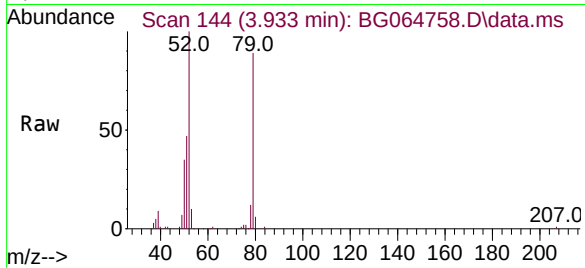
51 52.5 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#4

n-Nitrosodimethylamine

Concen: 40.048 ng

RT: 3.845 min Scan# 129

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

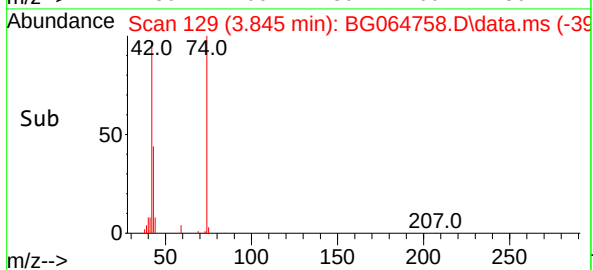
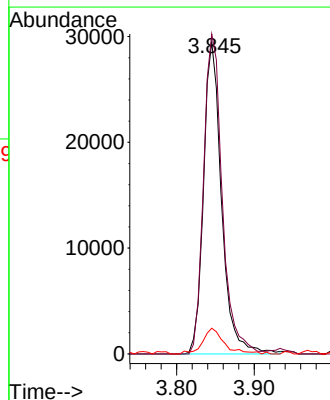
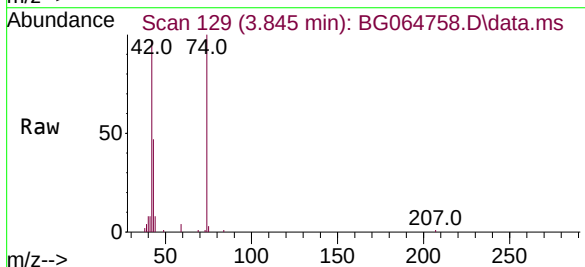
Tgt Ion: 42 Resp: 47590

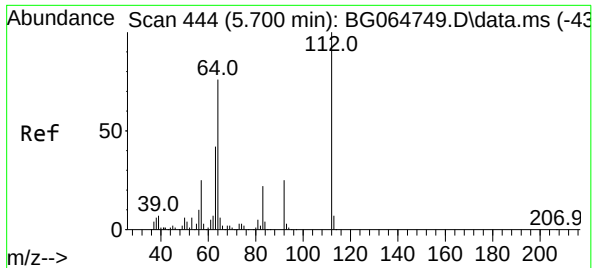
Ion Ratio Lower Upper

42 100

74 102.6 79.8 119.6

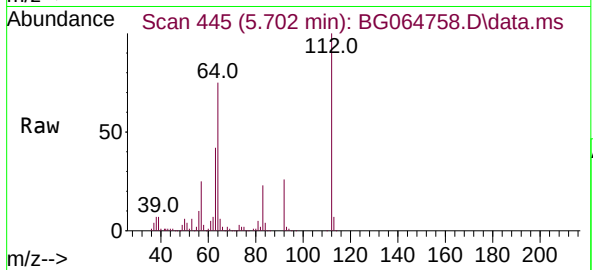
44 8.3 5.9 8.9





#5
2-Fluorophenol
Concen: 125.521 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

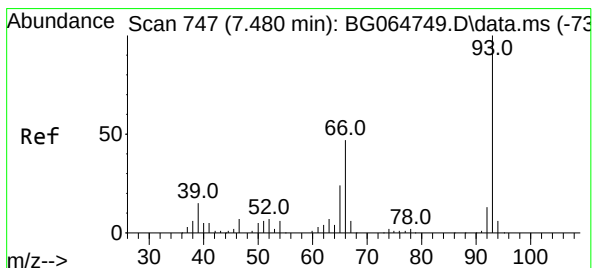
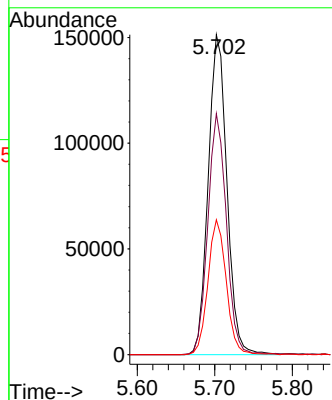
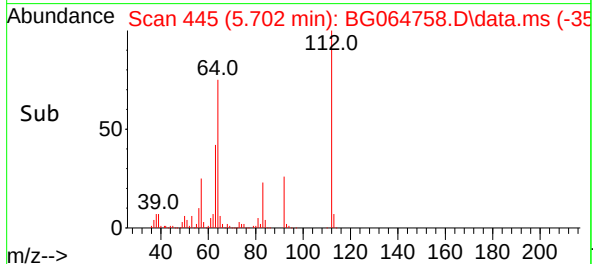
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion: 112 Resp: 254066
Ion Ratio Lower Upper
112 100
64 75.3 61.0 91.4
63 42.1 33.3 49.9

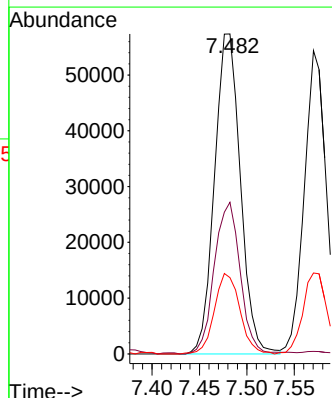
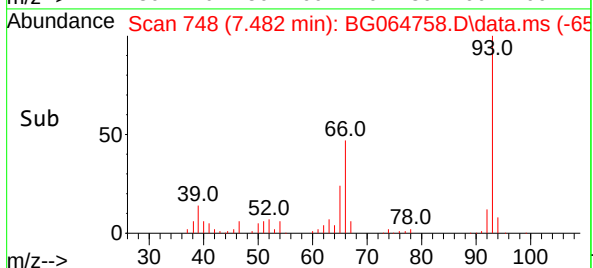
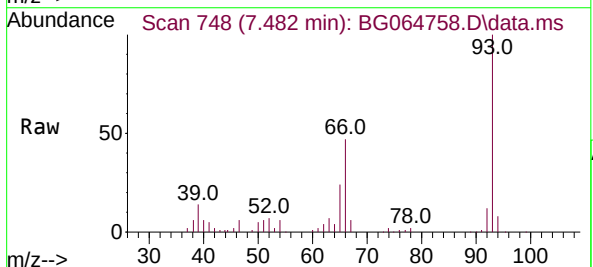
Manual Integrations
APPROVED

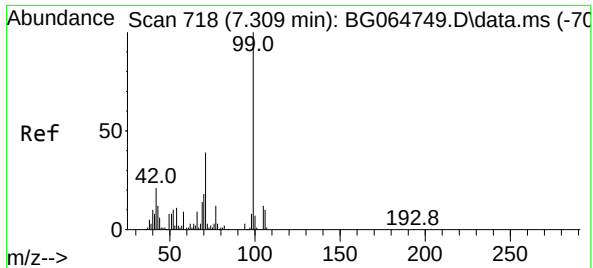
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 30.362 ng
RT: 7.482 min Scan# 748
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

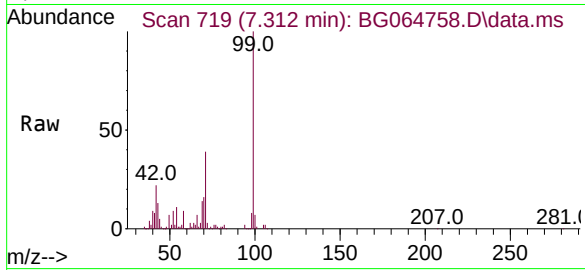
Tgt Ion: 93 Resp: 108952
Ion Ratio Lower Upper
93 100
66 47.4 37.7 56.5
65 23.8 19.1 28.7





#7
Phenol-d6
Concen: 125.846 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

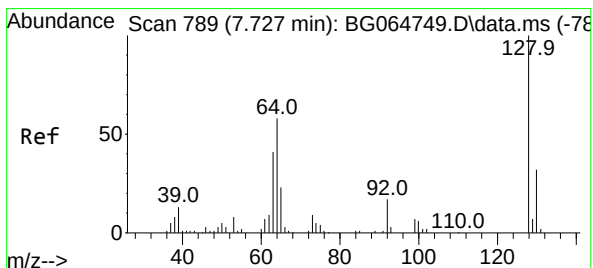
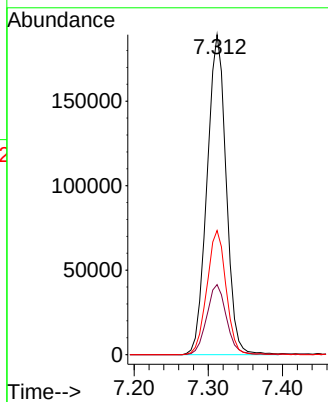
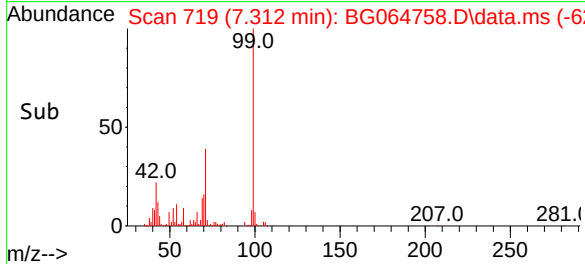
Instrument :
BNA_G
ClientSampleId :
PB170528BS



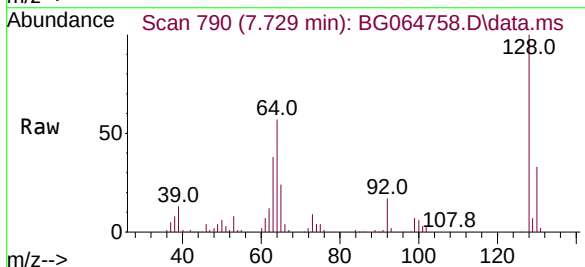
Tgt Ion: 99 Resp: 338793
Ion Ratio Lower Upper
99 100
42 21.9 16.8 25.2
71 38.8 31.1 46.7

Manual Integrations
APPROVED

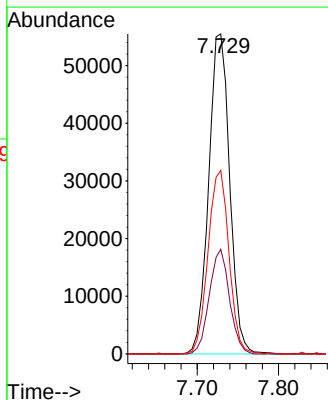
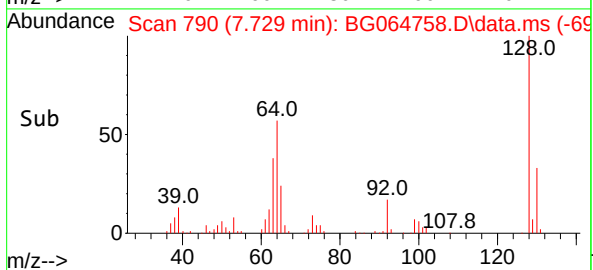
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

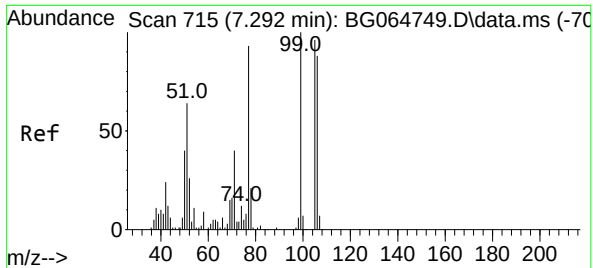


#8
2-Chlorophenol
Concen: 44.936 ng
RT: 7.729 min Scan# 790
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:128 Resp: 99871
Ion Ratio Lower Upper
128 100
130 32.7 11.9 51.9
64 57.3 38.4 78.4





#9

Benzaldehyde

Concen: 22.711 ng

RT: 7.288 min Scan# 715

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Tgt Ion: 77 Resp: 40023

Ion Ratio Lower Upper

77 100

105 101.7 83.8 123.8

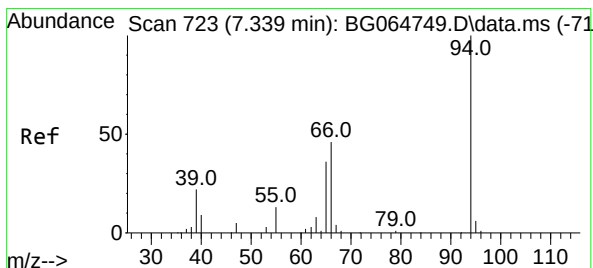
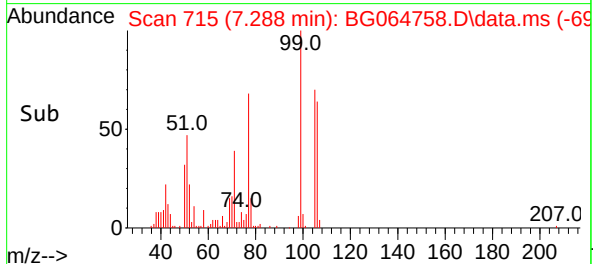
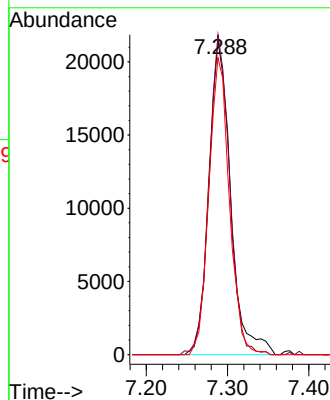
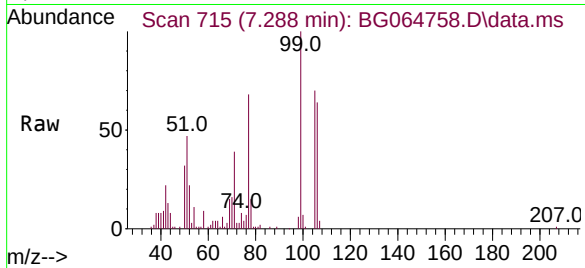
106 94.4 74.3 114.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 45.170 ng

RT: 7.335 min Scan# 723

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

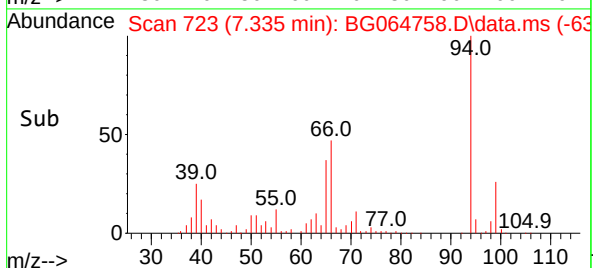
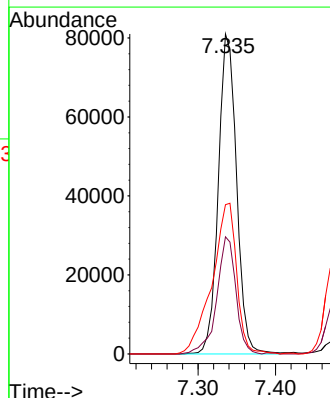
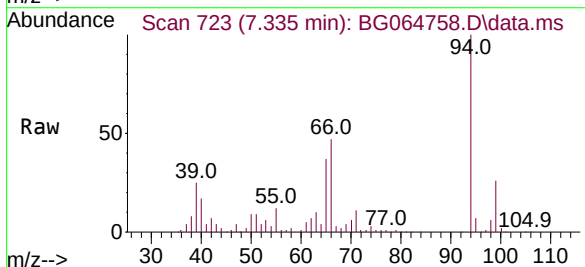
Tgt Ion: 94 Resp: 132310

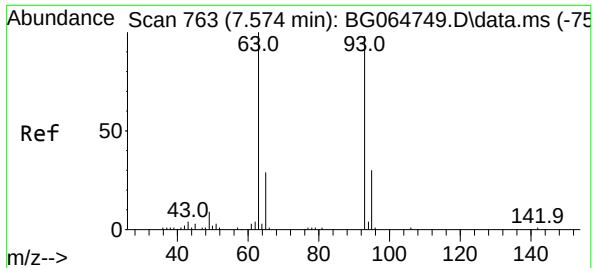
Ion Ratio Lower Upper

94 100

65 36.6 17.0 57.0

66 46.7 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 42.459 ng

RT: 7.570 min Scan# 763

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

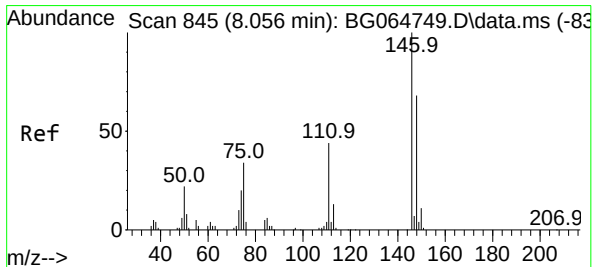
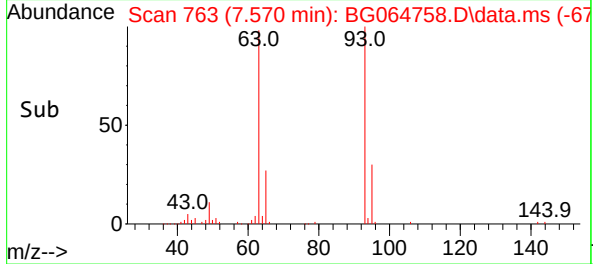
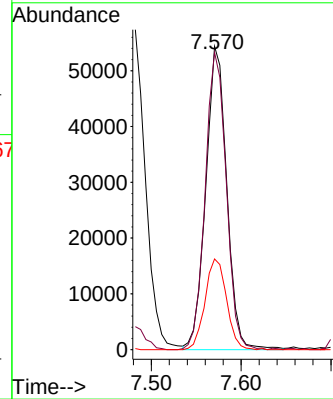
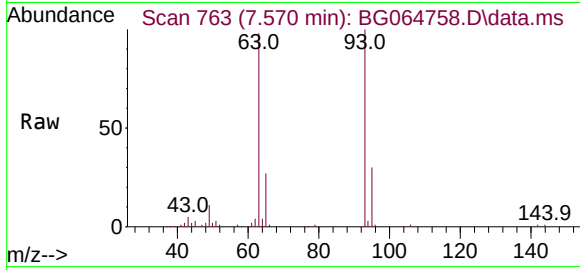
PB170528BS

Tgt Ion:	93	Resp:	88499
Ion	Ratio	Lower	Upper
93	100		
63	98.0	81.8	121.8
95	29.9	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: 40.337 ng

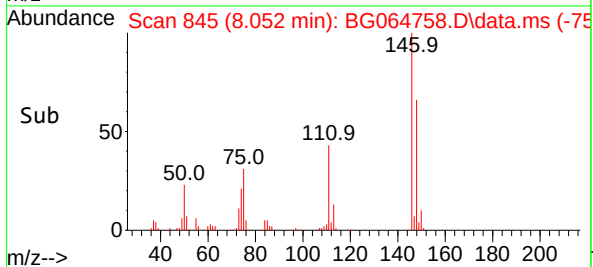
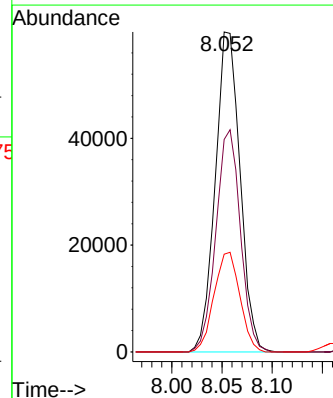
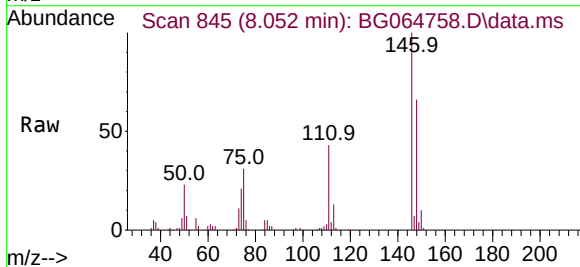
RT: 8.052 min Scan# 845

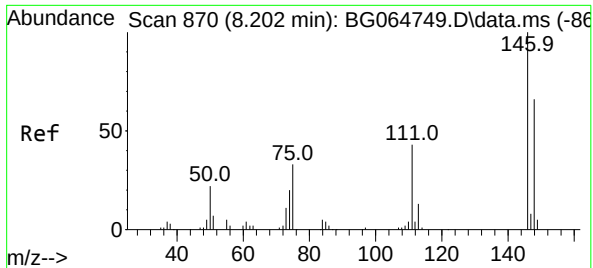
Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:	146	Resp:	103159
Ion	Ratio	Lower	Upper
146	100		
148	66.4	54.6	82.0
75	30.5	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 41.859 ng

RT: 8.199 min Scan# 81

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Tgt Ion:146 Resp: 109006

Ion Ratio Lower Upper

146 100

148 66.4 53.1 79.7

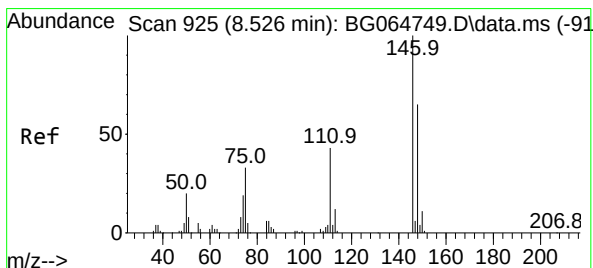
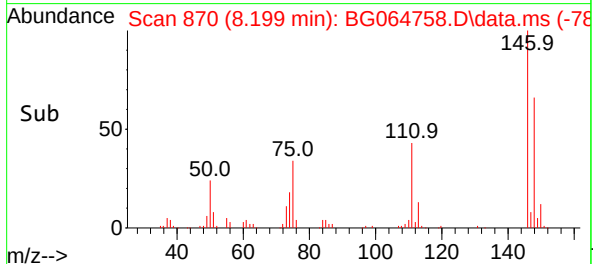
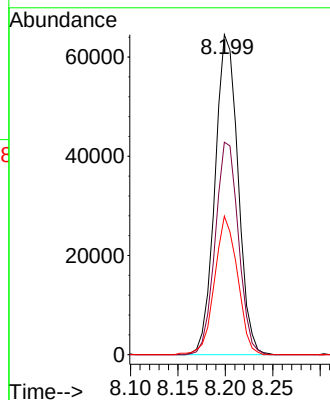
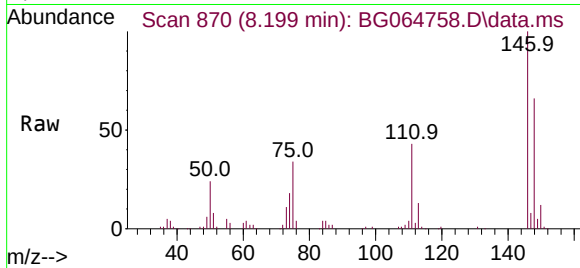
111 43.3 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 41.377 ng

RT: 8.522 min Scan# 925

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

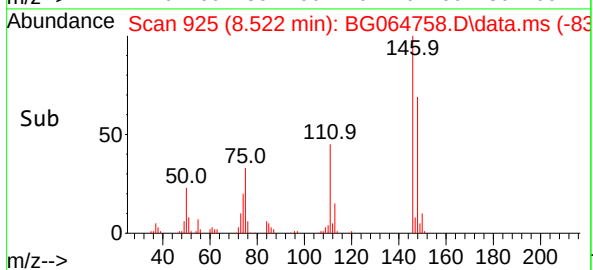
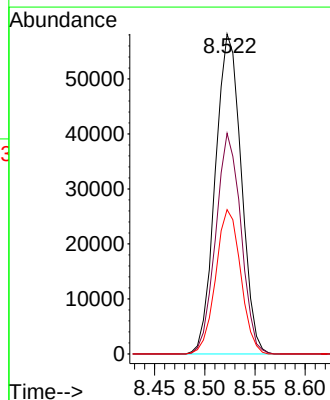
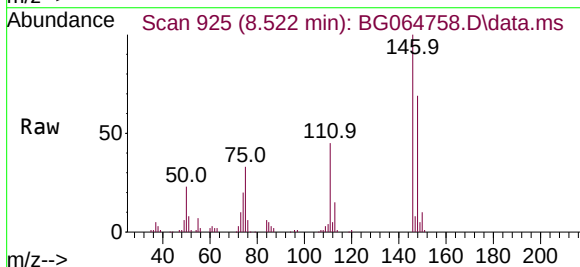
Tgt Ion:146 Resp: 104476

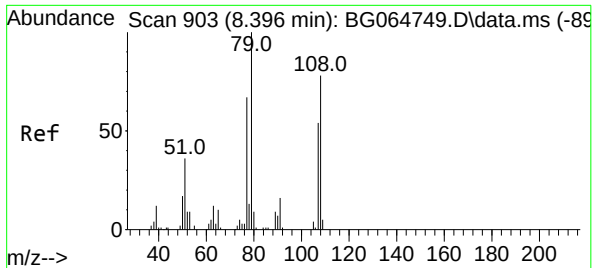
Ion Ratio Lower Upper

146 100

148 68.9 52.0 78.0

111 45.1 34.7 52.1





#15

Benzyl Alcohol

Concen: 44.124 ng

RT: 8.399 min Scan# 903

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

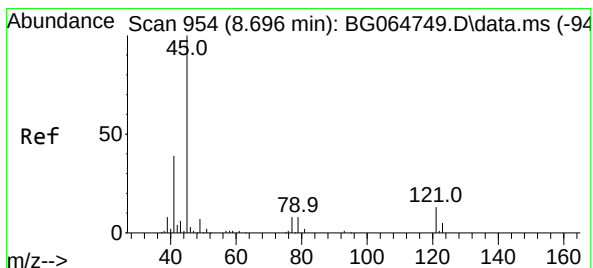
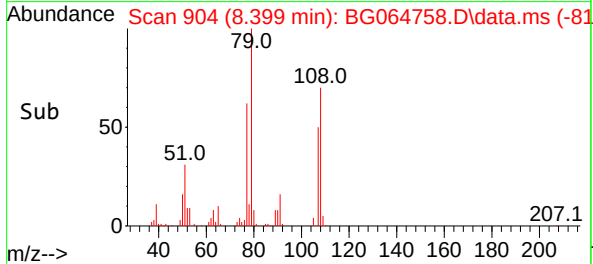
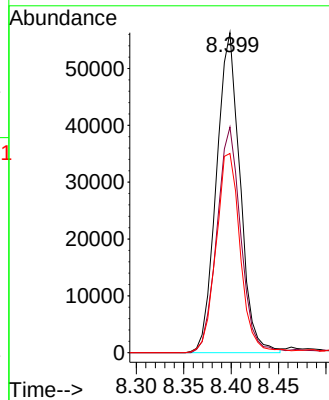
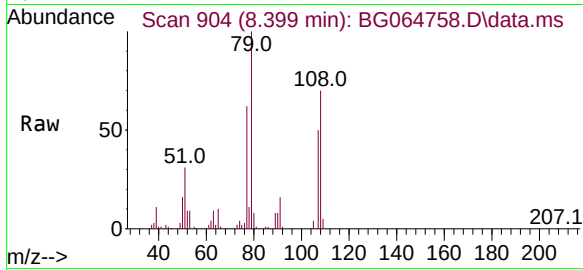
PB170528BS

Tgt Ion:	79	Resp:	97504
Ion	Ratio	Lower	Upper
79	100		
108	70.5	62.3	93.5
77	62.2	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: 39.357 ng

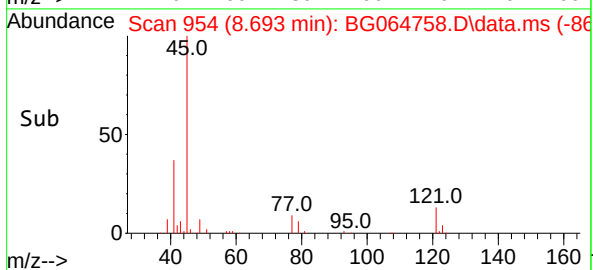
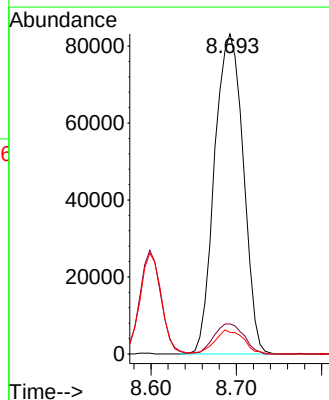
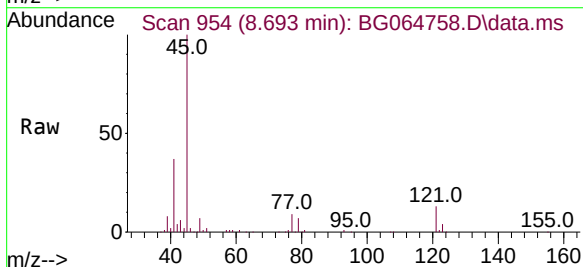
RT: 8.693 min Scan# 954

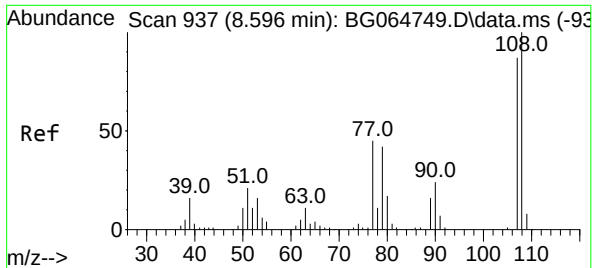
Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:	45	Resp:	194173
Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	28.8
79	6.7	0.0	28.1





#17

2-Methylphenol

Concen: 44.037 ng

RT: 8.598 min Scan# 91

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Tgt Ion:107 Resp: 91269

Ion Ratio Lower Upper

107 100

108 109.4 92.6 138.8

77 50.0 41.2 61.8

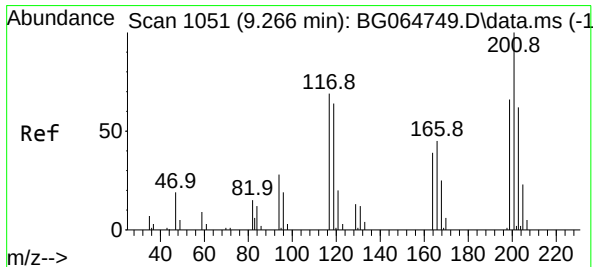
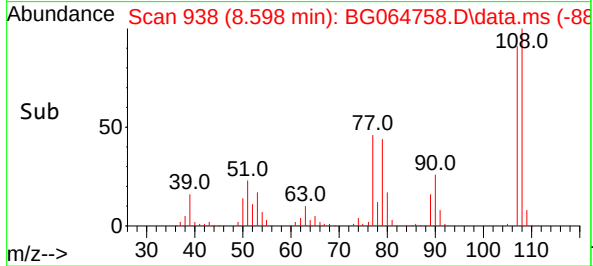
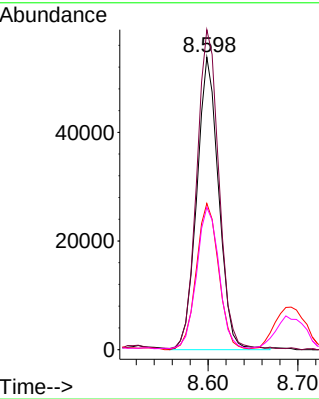
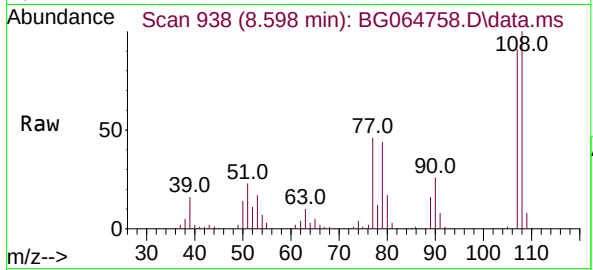
79 48.6 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 39.656 ng

RT: 9.262 min Scan# 1051

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

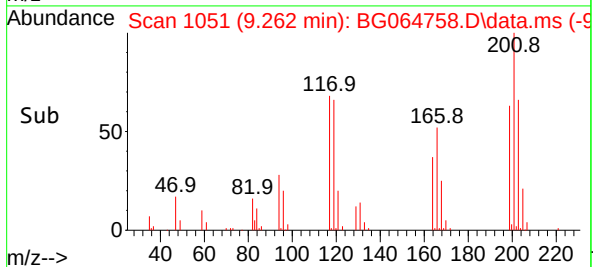
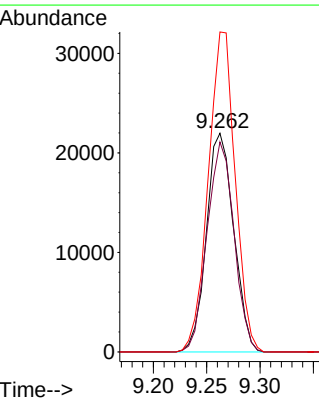
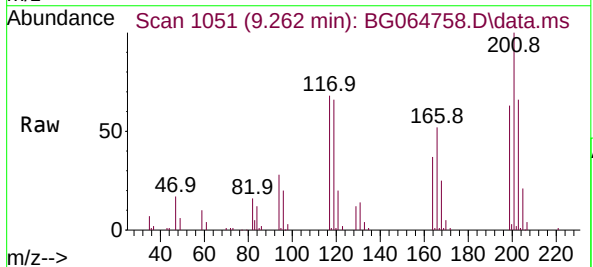
Tgt Ion:117 Resp: 39113

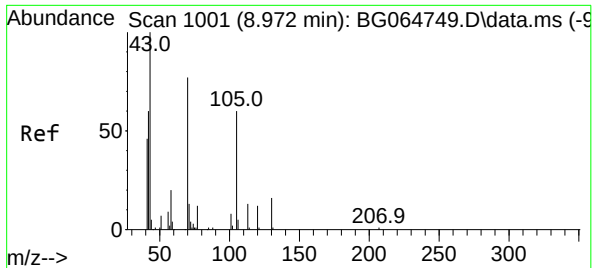
Ion Ratio Lower Upper

117 100

119 94.8 74.4 111.6

201 144.5 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.570 ng

RT: 8.969 min Scan# 10

Delta R.T. -0.004 min

Lab File: BG064758.D

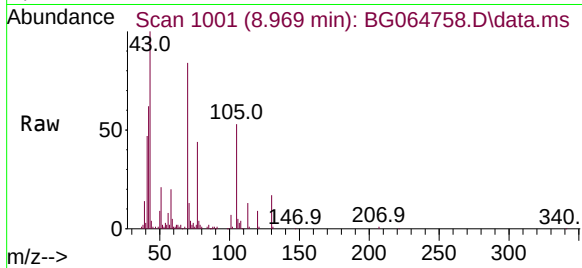
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS



Tgt Ion: 70 Resp: 7566

Ion Ratio Lower Upper

70 100

42 74.3 62.6 93.8

101 8.8 8.0 12.0

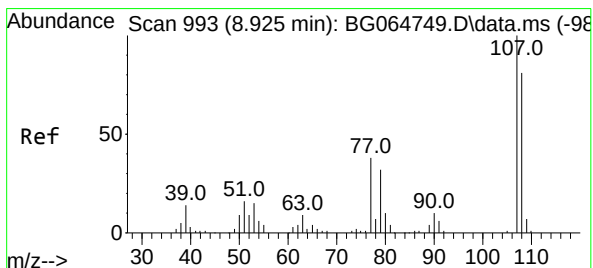
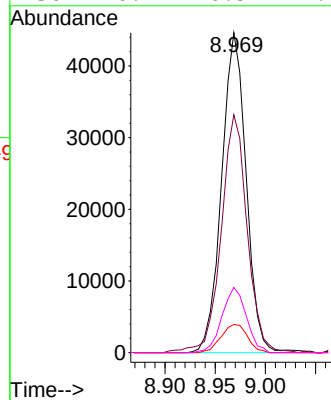
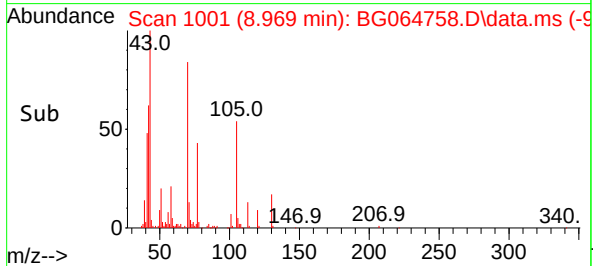
130 20.4 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 42.845 ng

RT: 8.928 min Scan# 994

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Tgt Ion:107 Resp: 121650

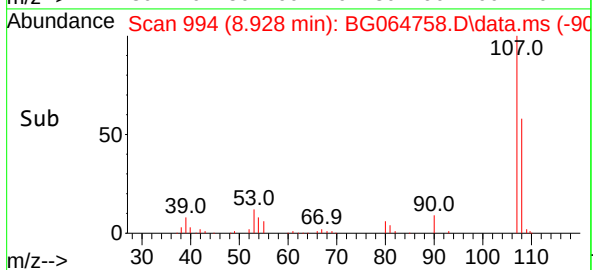
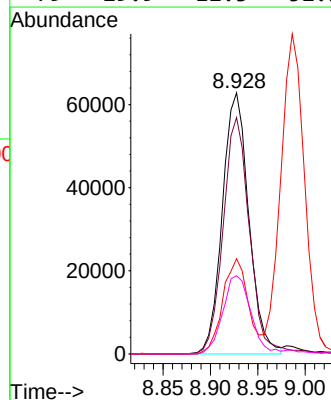
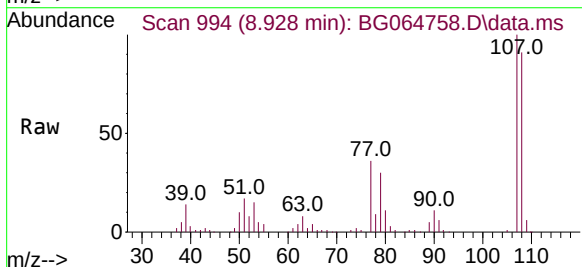
Ion Ratio Lower Upper

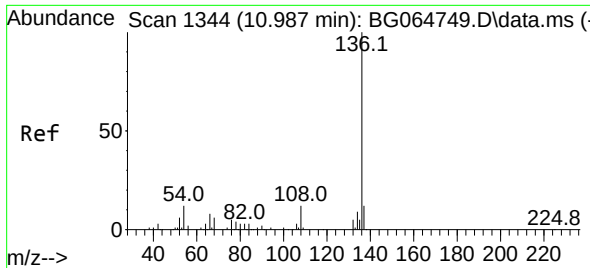
107 100

108 90.6 61.0 101.0

77 36.4 17.6 57.6

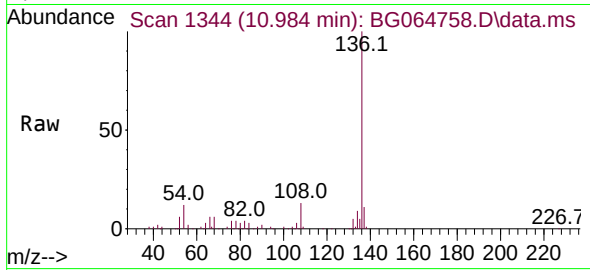
79 29.9 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.984 min Scan# 1344
Delta R.T. -0.003 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

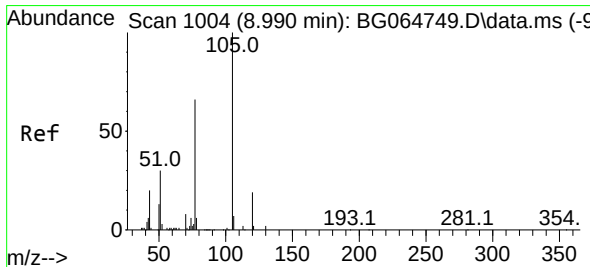
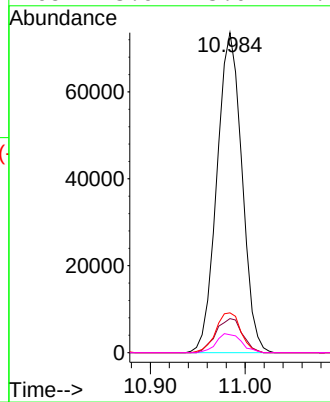
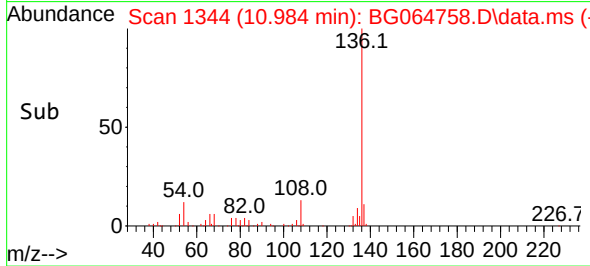
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:136 Resp: 134884
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 12.4 9.3 13.9
68 5.6 5.0 7.6

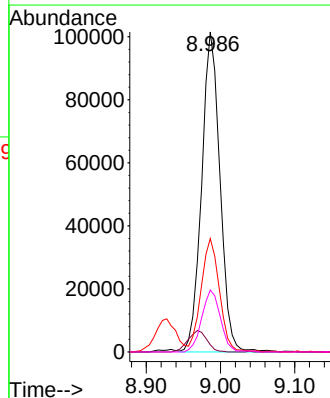
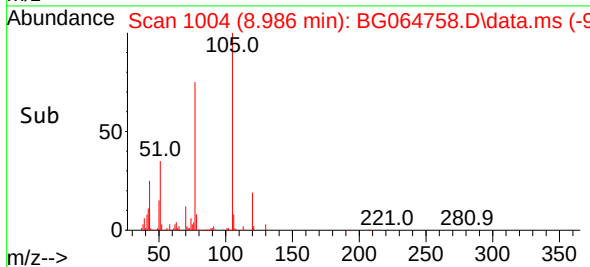
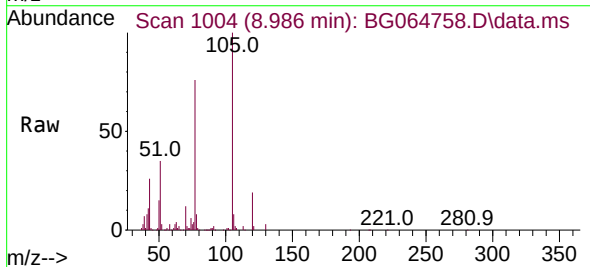
Manual Integrations
APPROVED

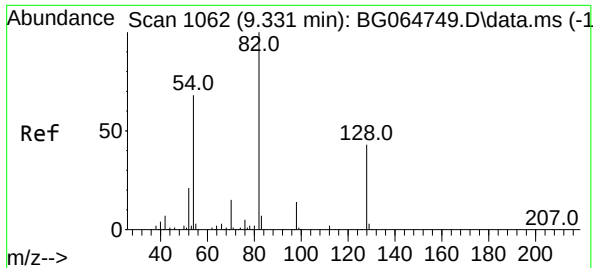
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 47.481 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

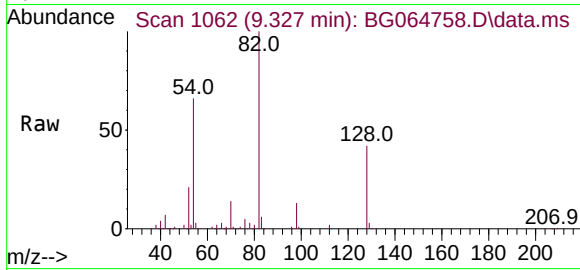
Tgt Ion:105 Resp: 174486
Ion Ratio Lower Upper
105 100
71 2.2 1.3 1.9#
51 35.4 27.9 41.9
120 19.3 15.3 22.9





#23
Nitrobenzene-d5
Concen: 78.611 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

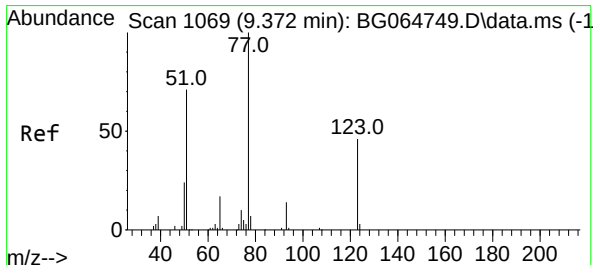
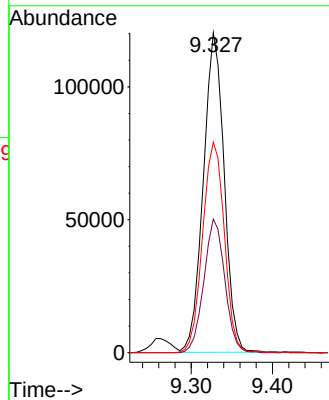
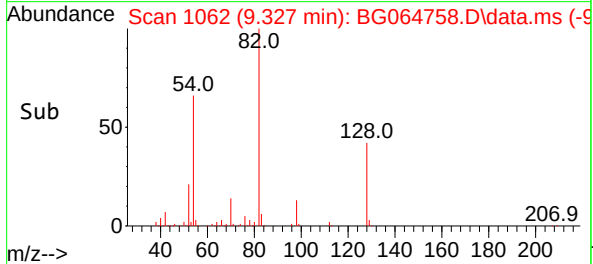
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion: 82 Resp: 214456
Ion Ratio Lower Upper
82 100
128 41.7 34.1 51.1
54 65.8 54.3 81.5

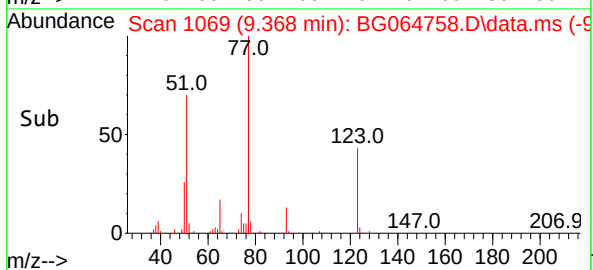
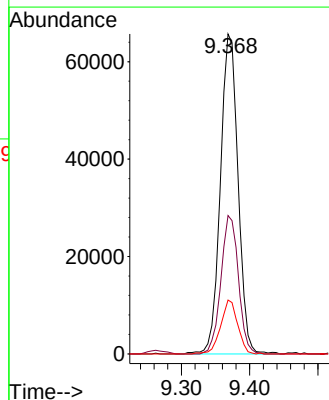
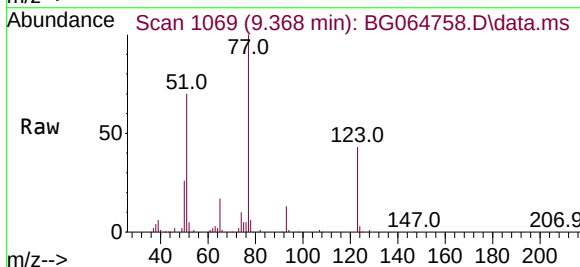
Manual Integrations
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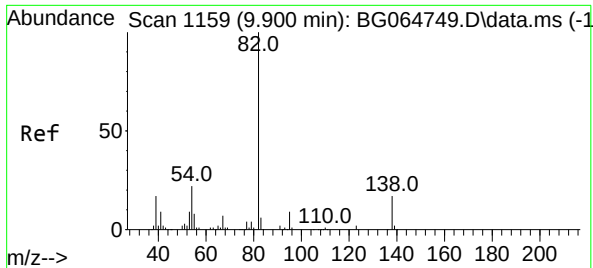
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#24
Nitrobenzene
Concen: 42.635 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion: 77 Resp: 117523
Ion Ratio Lower Upper
77 100
123 43.2 36.5 54.7
65 16.8 13.5 20.3





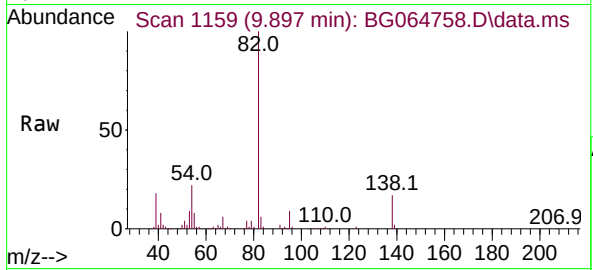
#25
Isophorone
Concen: 41.384 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

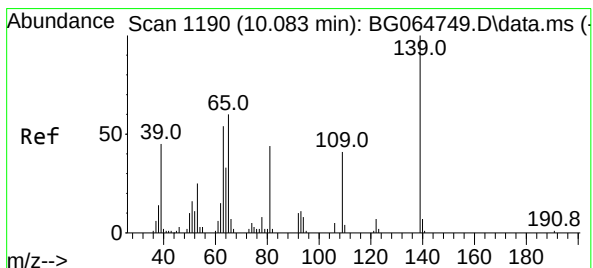
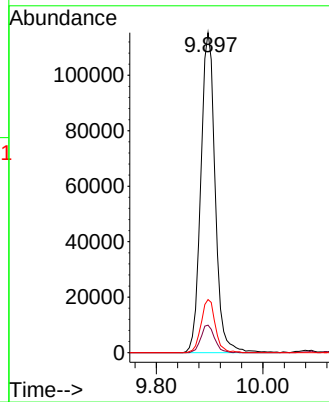
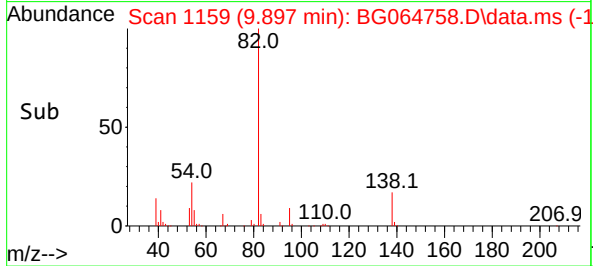


Tgt Ion: 82 Resp: 214996
Ion Ratio Lower Upper
82 100
95 8.6 6.9 10.3
138 16.6 13.9 20.9

Manual Integrations

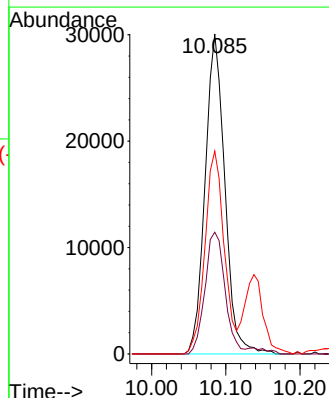
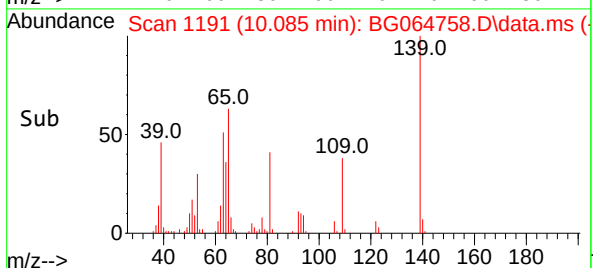
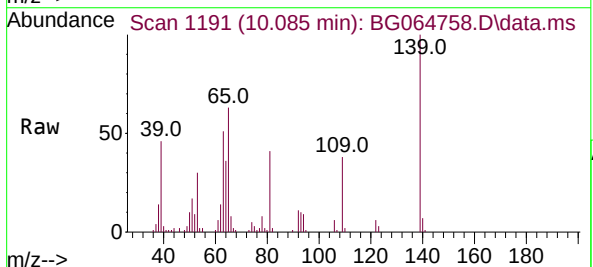
APPROVED

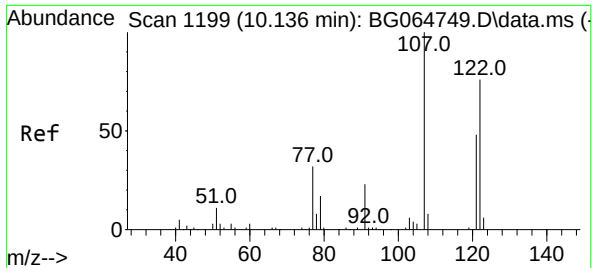
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 44.728 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:139 Resp: 55456
Ion Ratio Lower Upper
139 100
109 38.0 32.5 48.7
65 63.4 47.6 71.4





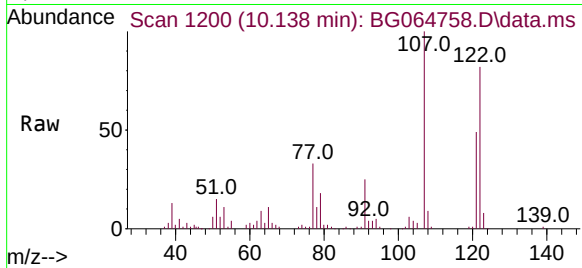
#27
2,4-Dimethylphenol
Concen: 43.957 ng
RT: 10.138 min Scan# 1199
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

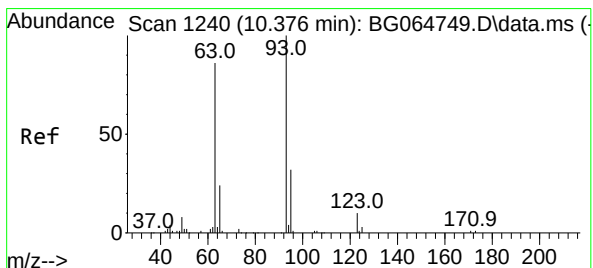
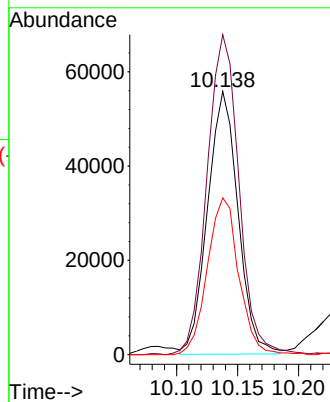
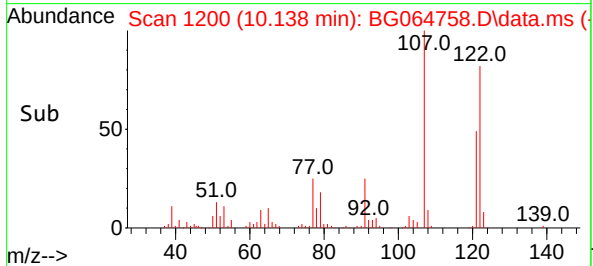


Tgt Ion:122 Resp: 96822
Ion Ratio Lower Upper
122 100
107 121.6 102.5 153.7
121 59.5 49.0 73.6

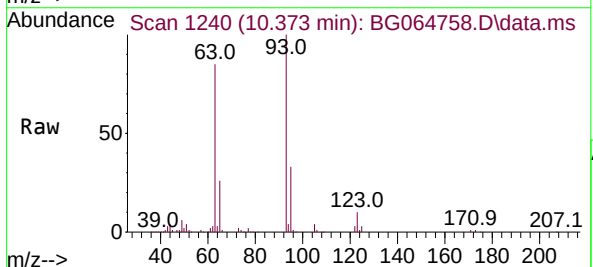
Manual Integrations

APPROVED

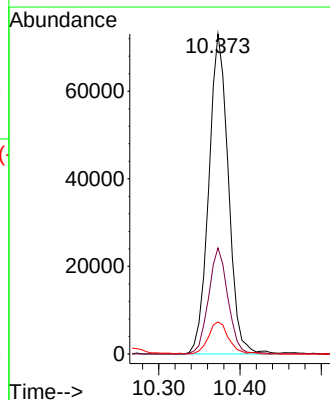
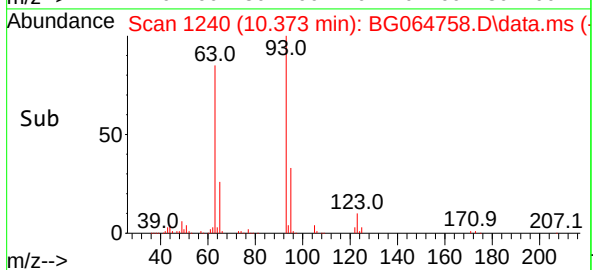
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

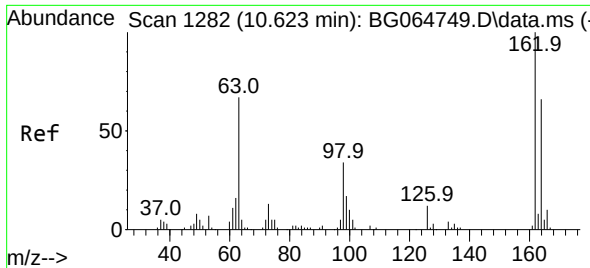


#28
bis(2-Chloroethoxy)methane
Concen: 42.821 ng
RT: 10.373 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion: 93 Resp: 122129
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.2
123 10.0 8.1 12.1





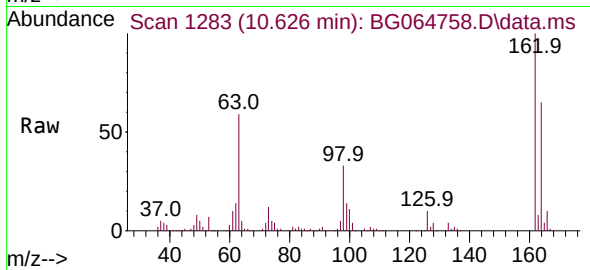
#29
2,4-Dichlorophenol
Concen: 46.910 ng
RT: 10.626 min Scan# 1282
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

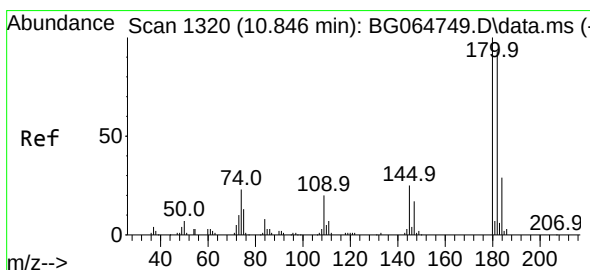
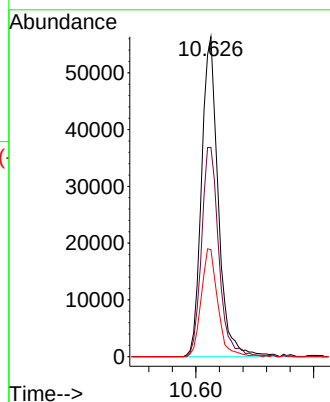
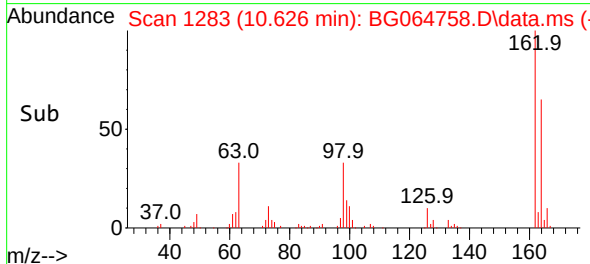


Tgt Ion:162 Resp: 110934
Ion Ratio Lower Upper
162 100
164 65.4 46.0 86.0
98 33.4 14.2 54.2

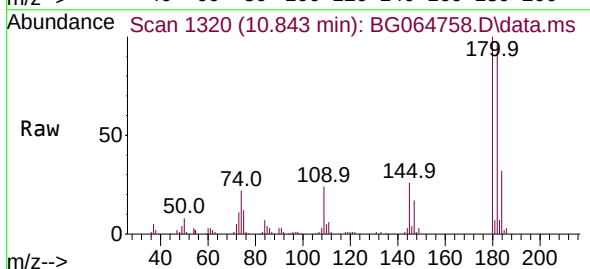
Manual Integrations

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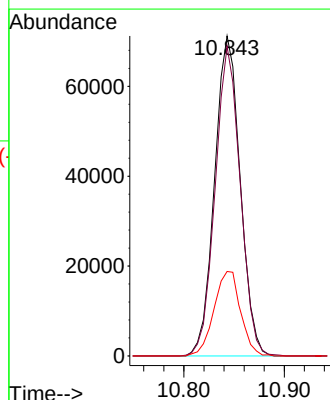
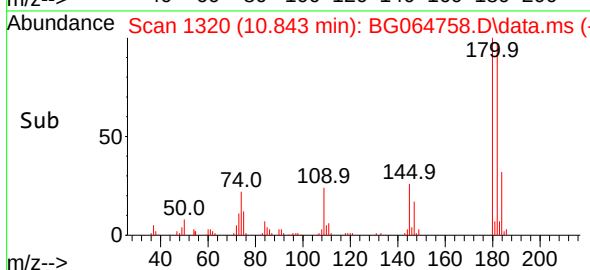
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

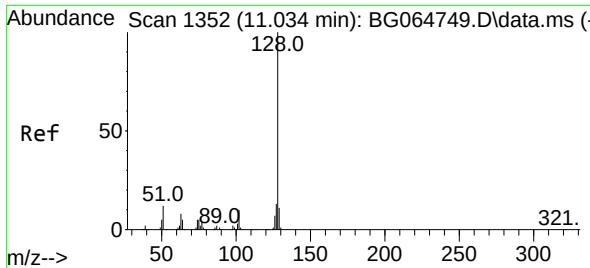


#30
1,2,4-Trichlorobenzene
Concen: 44.200 ng
RT: 10.843 min Scan# 1320
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



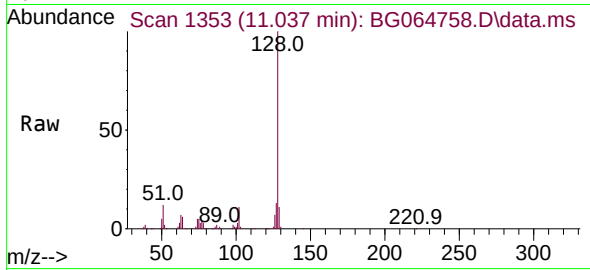
Tgt Ion:180 Resp: 126218
Ion Ratio Lower Upper
180 100
182 96.7 74.2 111.4
145 26.4 20.0 30.0





#31
Naphthalene
Concen: 41.682 ng
RT: 11.037 min Scan# 1352
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

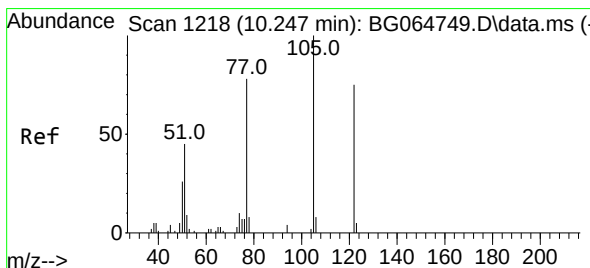
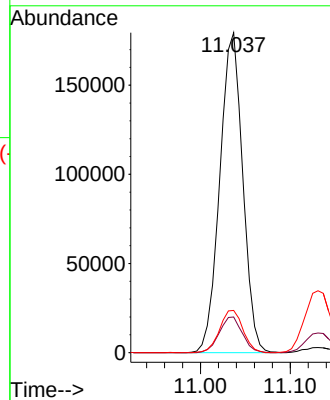
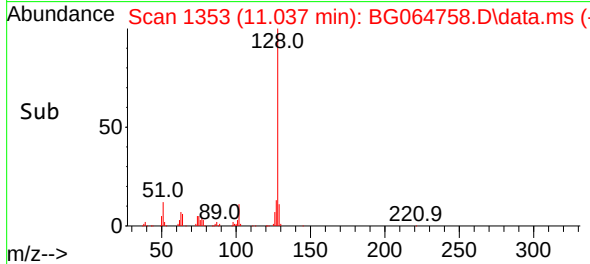
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:128 Resp: 318715
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.2 10.6 16.0

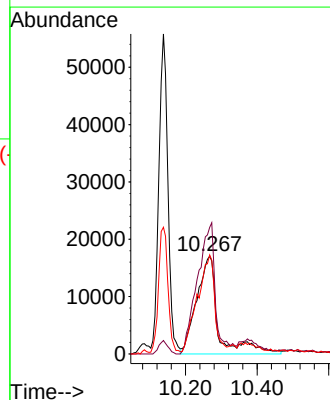
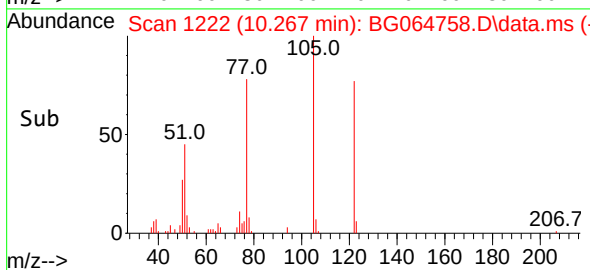
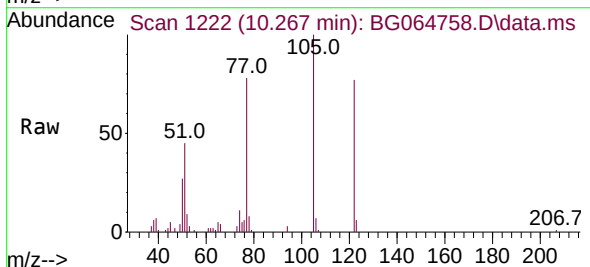
Manual Integrations
APPROVED

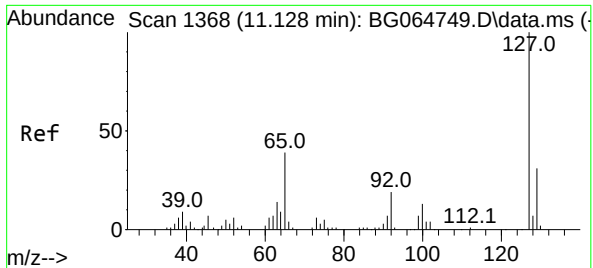
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 46.017 ng m
RT: 10.267 min Scan# 1222
Delta R.T. 0.020 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:122 Resp: 71107
Ion Ratio Lower Upper
122 100
105 129.4 107.6 147.6
77 101.3 82.5 122.5





#33
4-Chloroaniline
Concen: 24.575 ng
RT: 11.131 min Scan# 1369
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

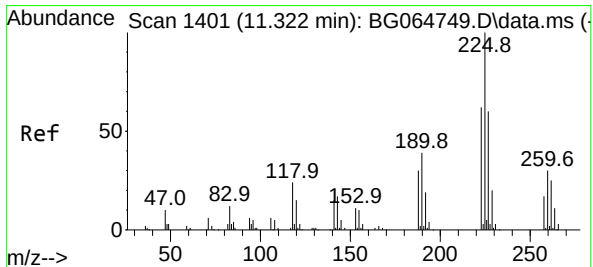
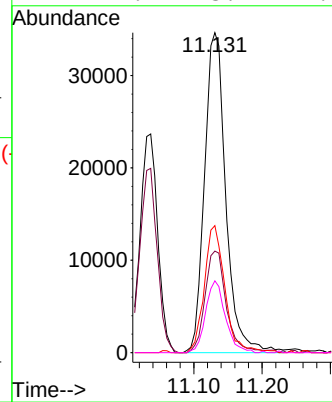
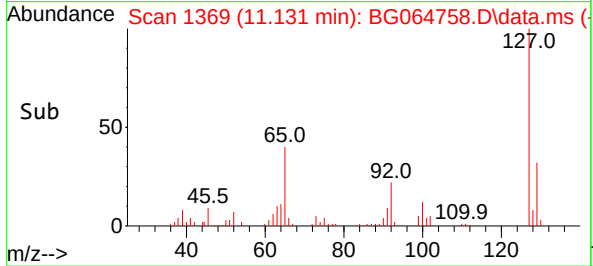
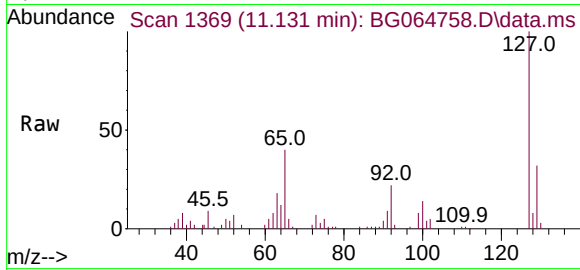
PB170528BS

Tgt Ion:127 Resp: 75168
Ion Ratio Lower Upper
127 100
129 31.7 24.9 37.3
65 39.7 30.9 46.3
92 22.4 15.1 22.7

Manual Integrations

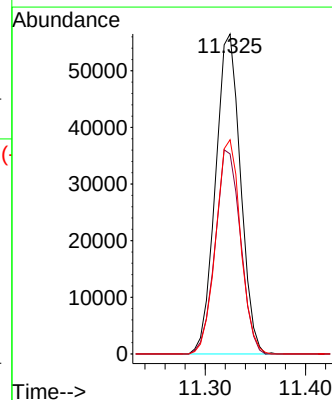
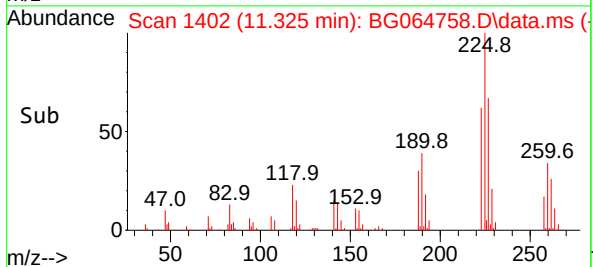
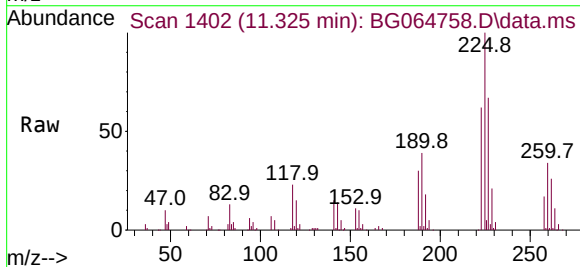
APPROVED

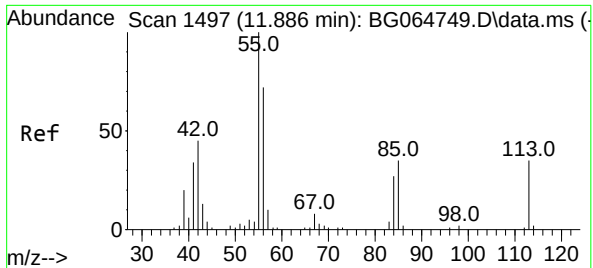
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#34
Hexachlorobutadiene
Concen: 39.855 ng
RT: 11.325 min Scan# 1402
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:225 Resp: 97649
Ion Ratio Lower Upper
225 100
223 59.7 49.9 74.9
227 64.0 50.6 75.8





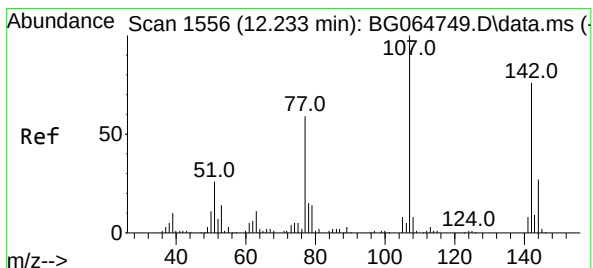
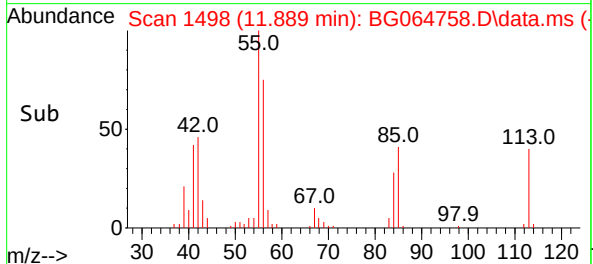
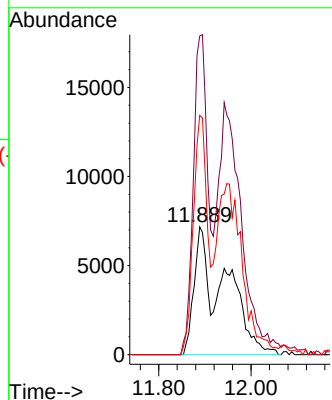
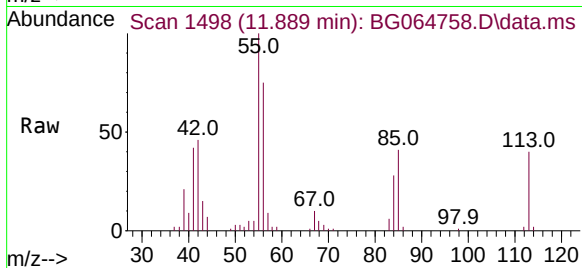
#35
Caprolactam
Concen: 46.409 ng m
RT: 11.889 min Scan# 1497
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :
BNA_G
ClientSampleId :
PB170528BS

Tgt Ion:113 Resp: 32826
Ion Ratio Lower Upper
113 100
55 249.6 263.7 303.7
56 187.3 184.0 224.0

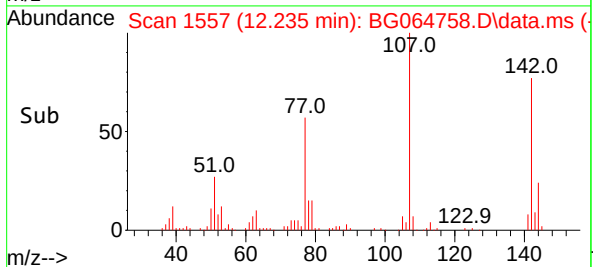
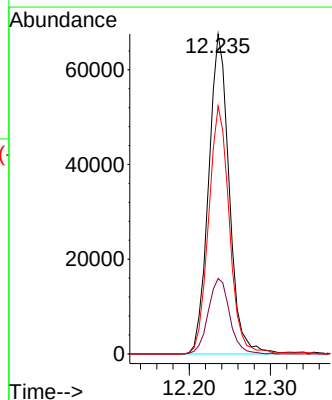
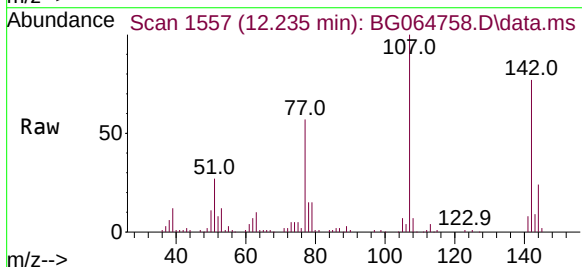
Manual Integrations
APPROVED

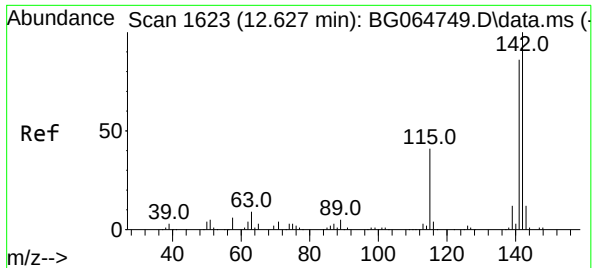
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#36
4-Chloro-3-methylphenol
Concen: 45.014 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

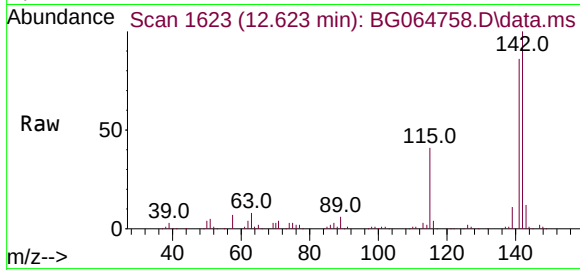
Tgt Ion:107 Resp: 118485
Ion Ratio Lower Upper
107 100
144 23.6 21.7 32.5
142 77.4 60.8 91.2





#37
2-Methylnaphthalene
Concen: 38.036 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

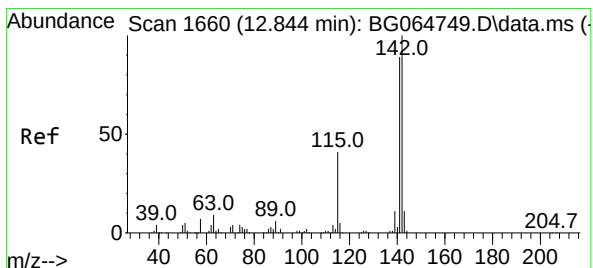
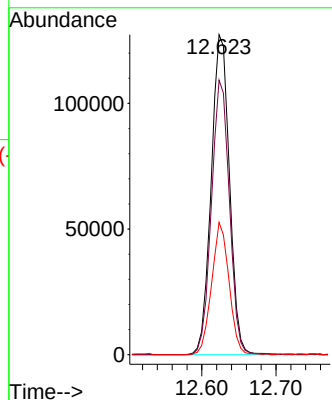
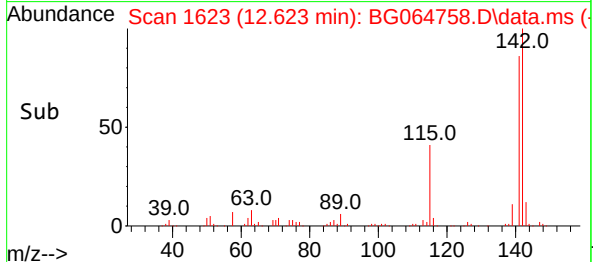
Instrument :
BNA_G
ClientSampleId :
PB170528BS



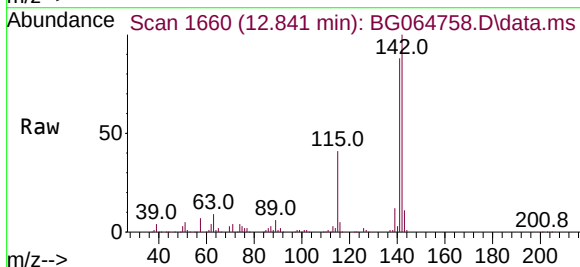
Tgt Ion:142 Resp: 217639
Ion Ratio Lower Upper
142 100
141 85.8 69.1 103.7
115 41.3 32.9 49.3

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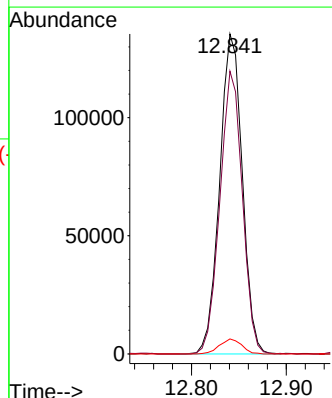
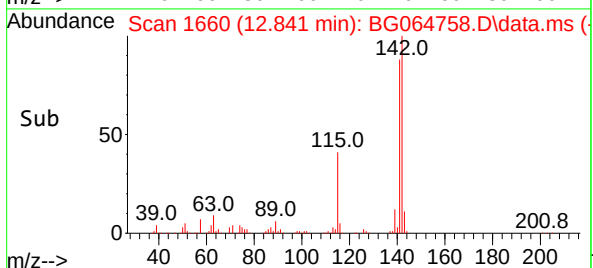
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

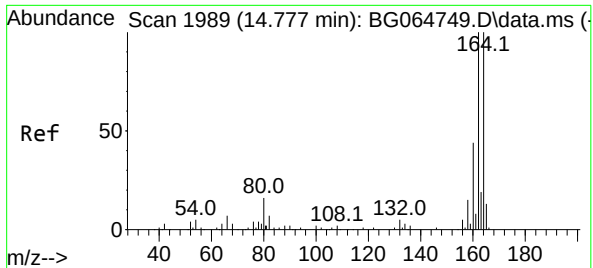


#38
1-Methylnaphthalene
Concen: 39.473 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:142 Resp: 224362
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.774 min Scan# 1989

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

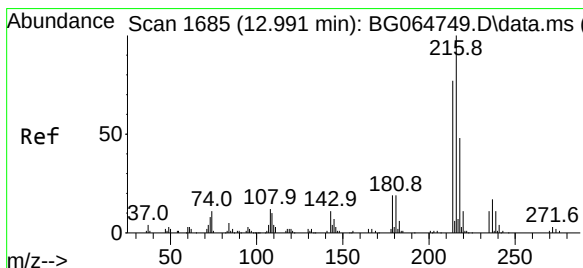
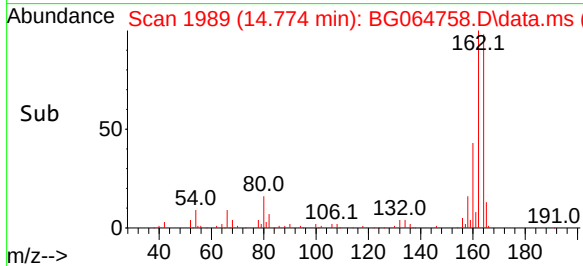
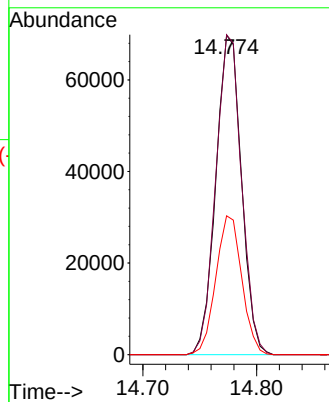
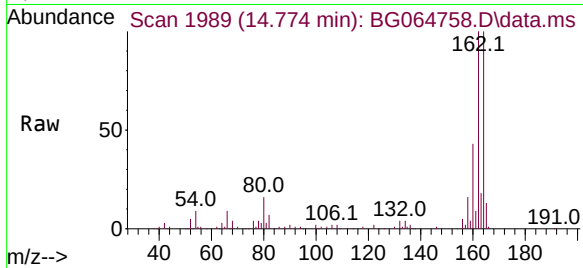
PB170528BS

Tgt Ion:	164	Resp:	109093
Ion Ratio	Lower	Upper	
164	100		
162	100.2	79.8	119.6
160	43.5	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: 47.111 ng

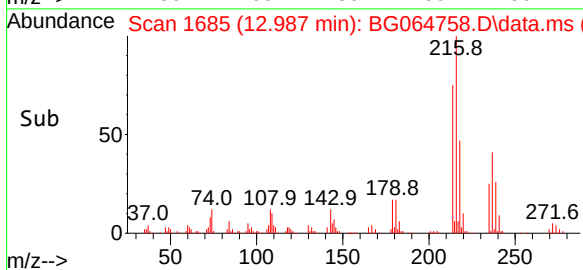
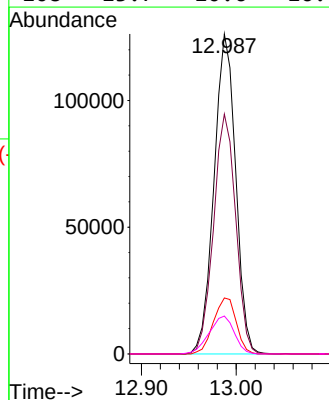
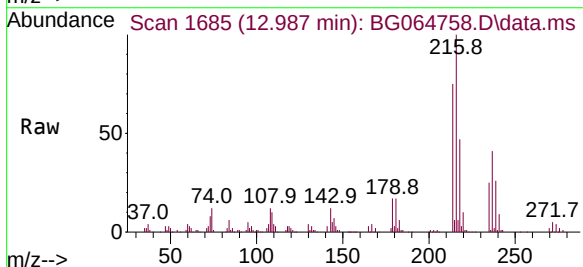
RT: 12.987 min Scan# 1685

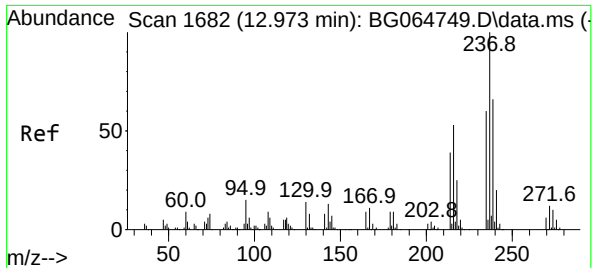
Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

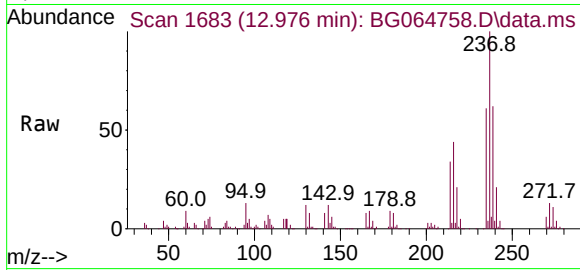
Tgt Ion:	216	Resp:	200015
Ion Ratio	Lower	Upper	
216	100		
214	76.6	60.5	90.7
179	18.4	14.7	22.1
108	13.7	10.6	16.0





#41
Hexachlorocyclopentadiene
Concen: 75.176 ng
RT: 12.976 min Scan# 1683
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

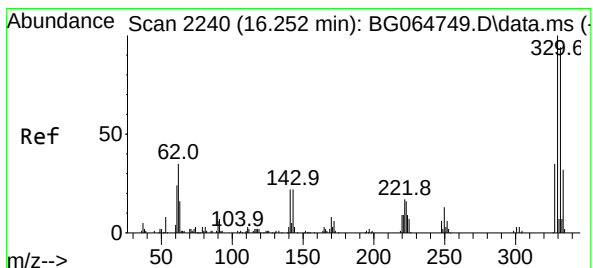
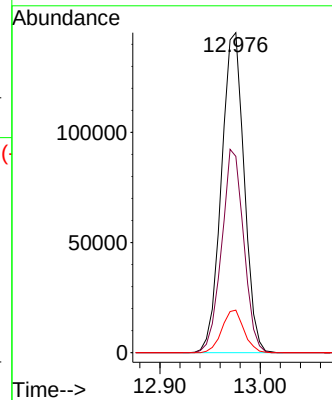
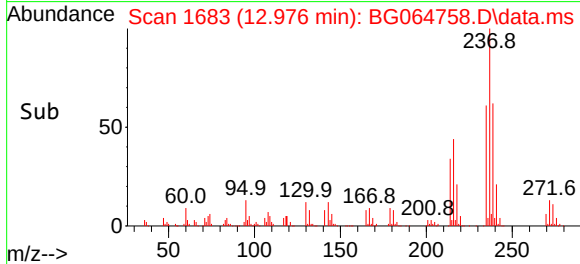
Instrument :
BNA_G
ClientSampleId :
PB170528BS



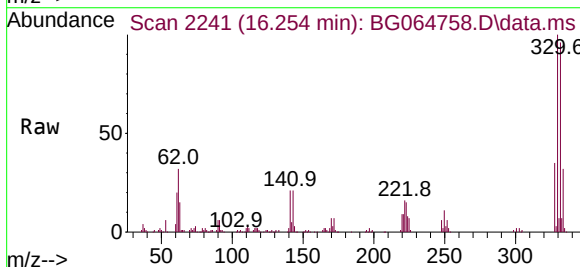
Tgt Ion:237 Resp: 228769
Ion Ratio Lower Upper
237 100
235 61.3 40.2 80.2
272 13.3 0.0 31.9

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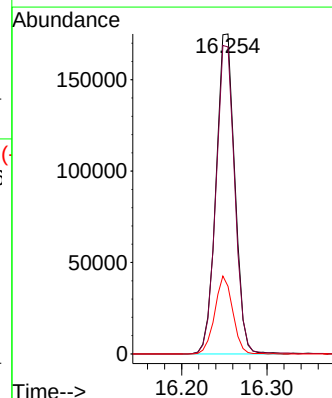
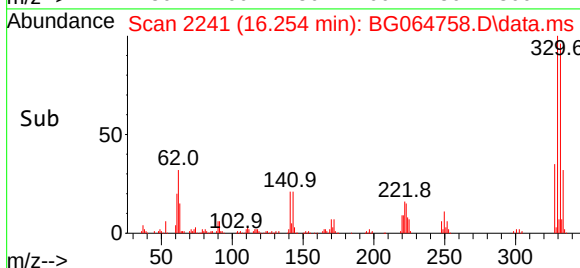
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

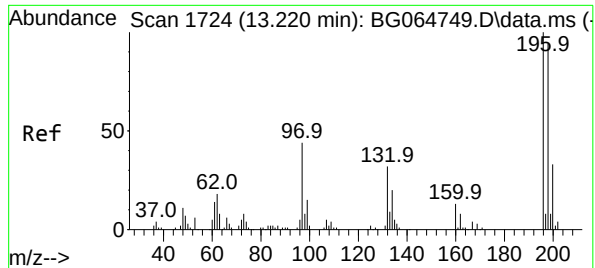


#42
2,4,6-Tribromophenol
Concen: 125.572 ng
RT: 16.254 min Scan# 2241
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



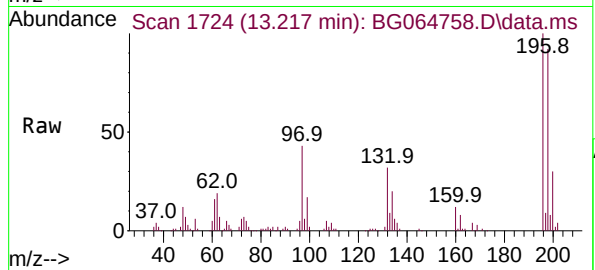
Tgt Ion:330 Resp: 267173
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 23.2 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 44.897 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

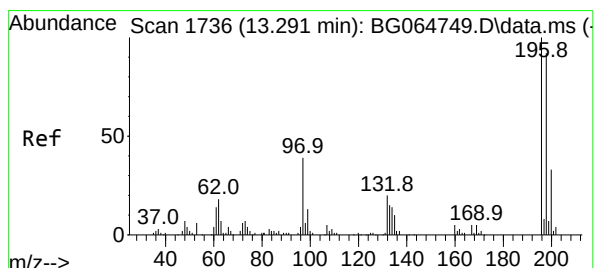
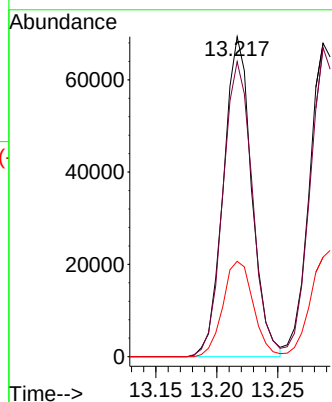
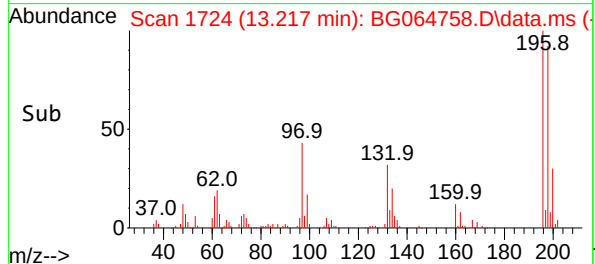
Instrument :
BNA_G
ClientSampleId :
PB170528BS



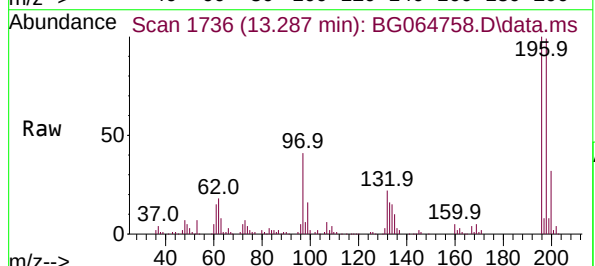
Tgt Ion:196 Resp: 111873
Ion Ratio Lower Upper
196 100
198 92.2 75.3 112.9
200 29.8 26.2 39.2

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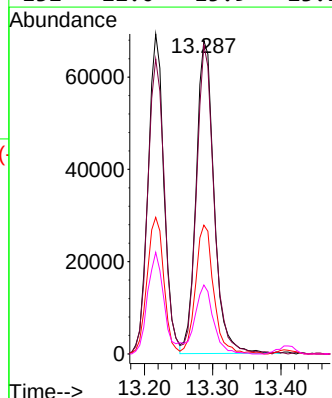
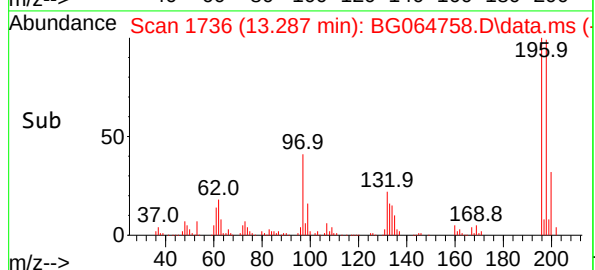
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

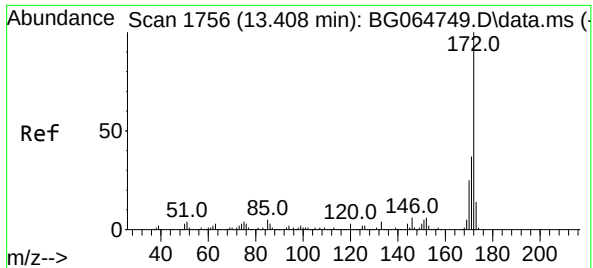


#44
2,4,5-Trichlorophenol
Concen: 44.466 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



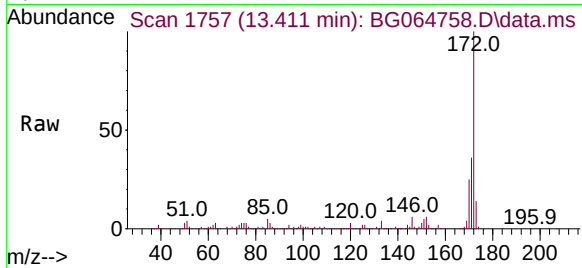
Tgt Ion:196 Resp: 124271
Ion Ratio Lower Upper
196 100
198 98.6 73.2 109.8
97 41.1 31.4 47.0
132 22.0 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 78.077 ng
RT: 13.411 min Scan# 1757
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

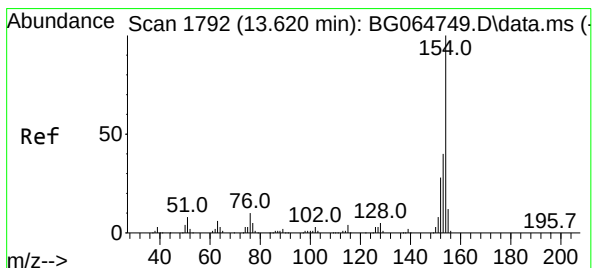
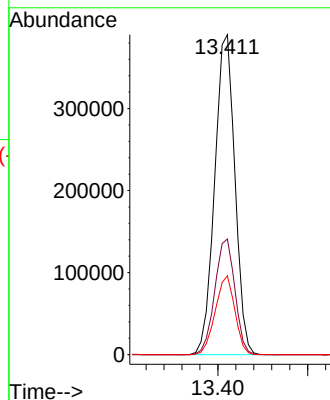
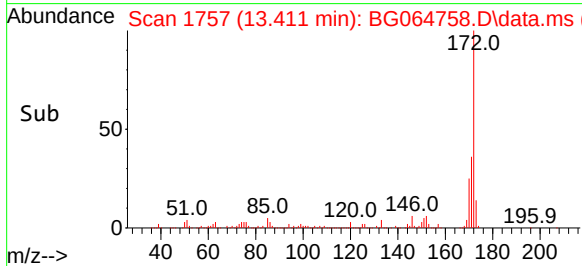
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:172 Resp: 610435
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 24.6 19.8 29.6

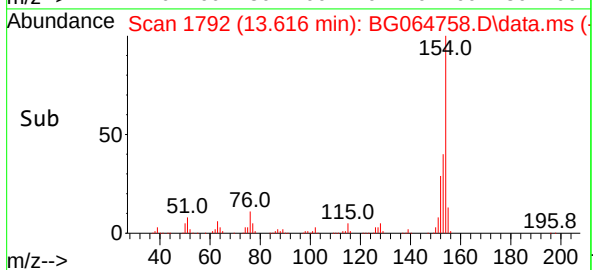
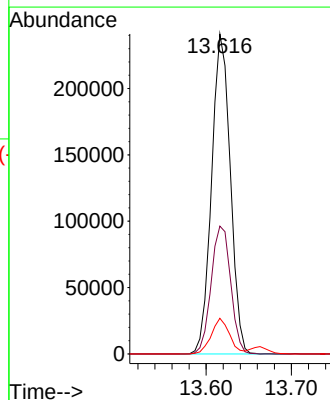
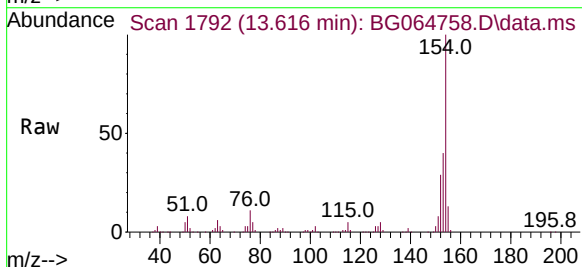
Manual Integrations
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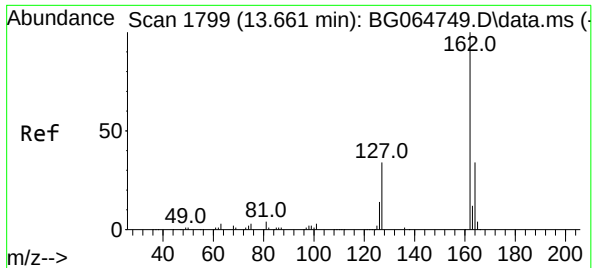
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#46
1,1'-Biphenyl
Concen: 46.907 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

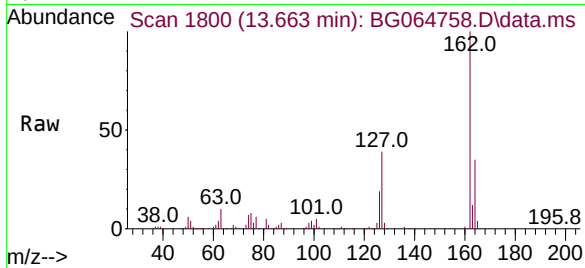
Tgt Ion:154 Resp: 367538
Ion Ratio Lower Upper
154 100
153 39.9 19.8 59.8
76 11.1 0.0 30.0





#47
2-Chloronaphthalene
Concen: 42.373 ng
RT: 13.663 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

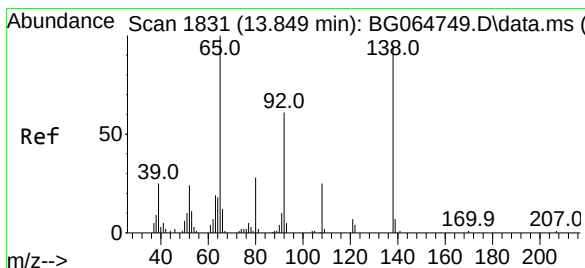
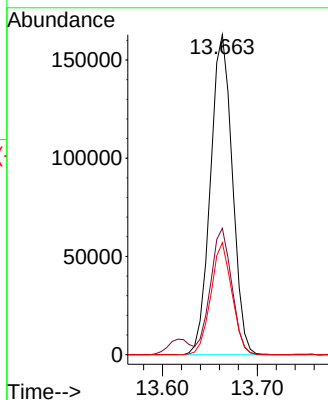
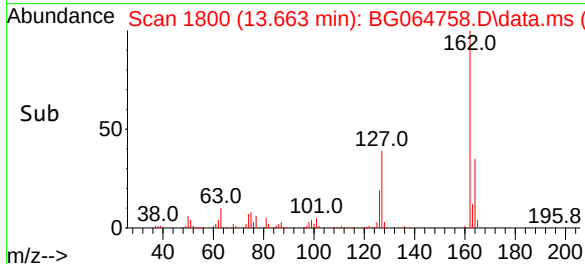
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:162 Resp: 261562
Ion Ratio Lower Upper
162 100
127 39.5 30.3 45.5
164 35.0 26.8 40.2

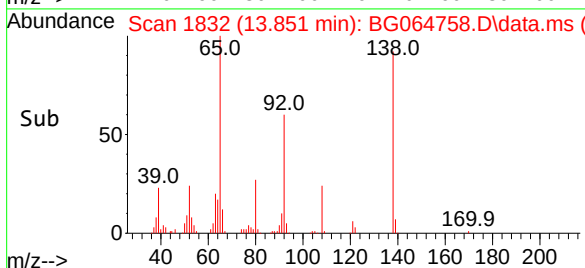
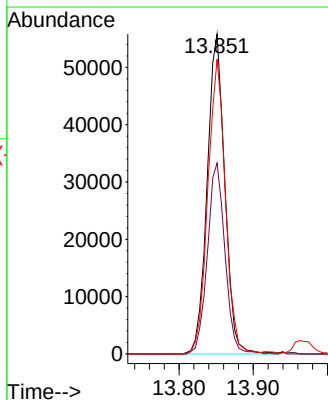
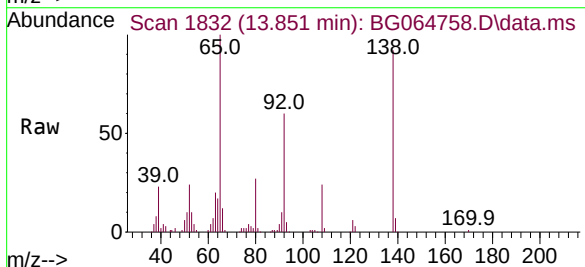
Manual Integrations
APPROVED

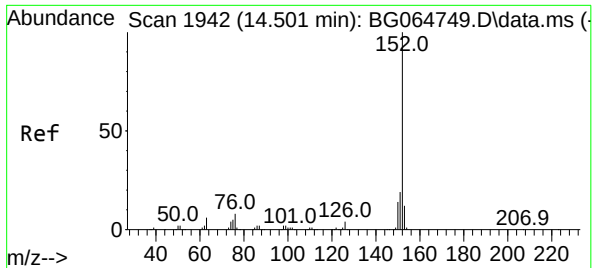
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#48
2-Nitroaniline
Concen: 46.359 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion: 65 Resp: 92044
Ion Ratio Lower Upper
65 100
92 59.6 48.6 73.0
138 92.1 76.4 114.6





#49

Acenaphthylene

Concen: 43.255 ng

RT: 14.503 min Scan# 1942

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Tgt Ion:152 Resp: 456163

Ion Ratio Lower Upper

152 100

151 18.3 15.0 22.4

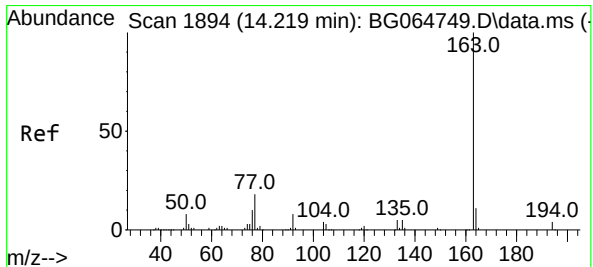
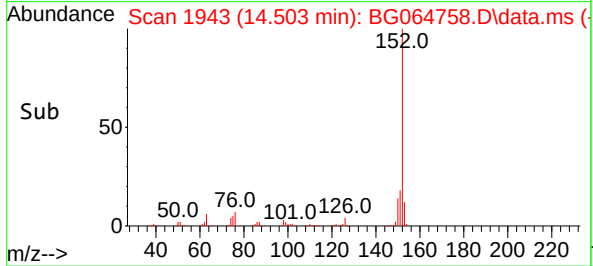
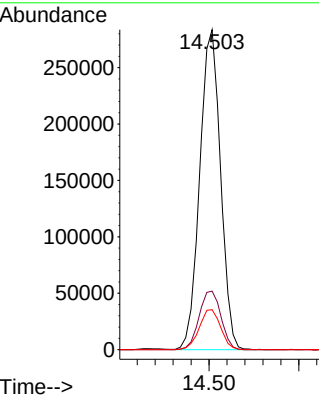
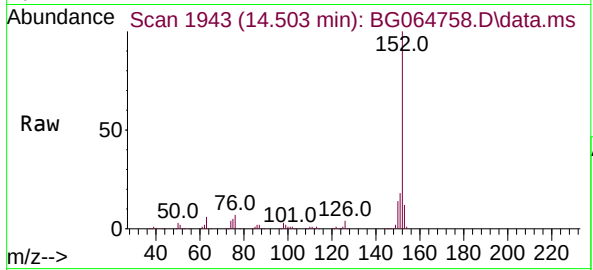
153 12.5 9.9 14.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

Concen: 42.847 ng

RT: 14.221 min Scan# 1895

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

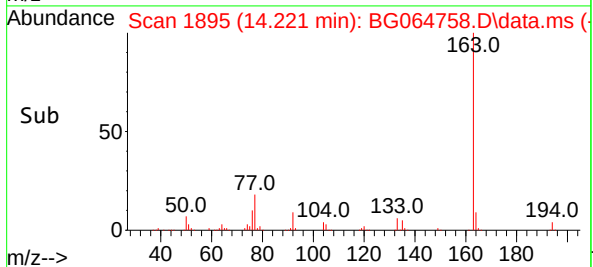
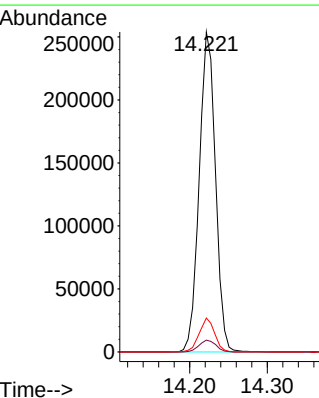
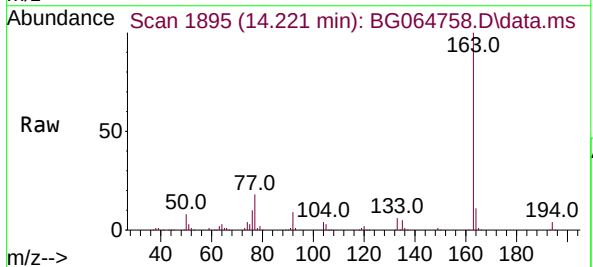
Tgt Ion:163 Resp: 369244

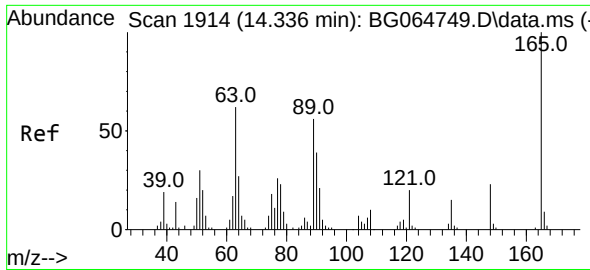
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

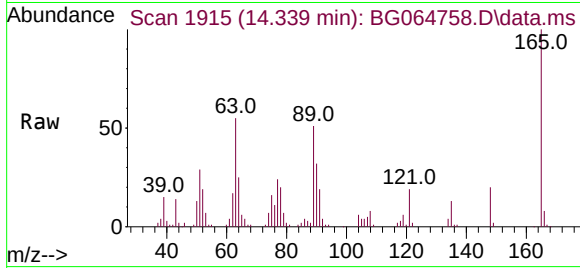
164 10.6 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 46.662 ng
RT: 14.339 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

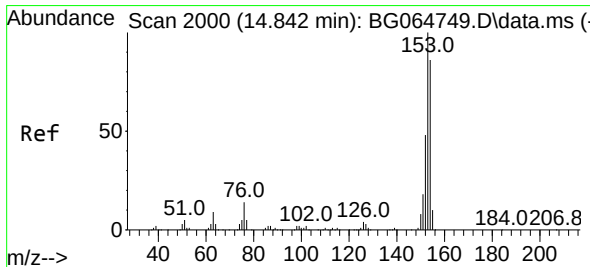
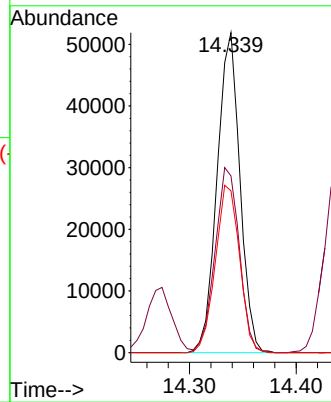
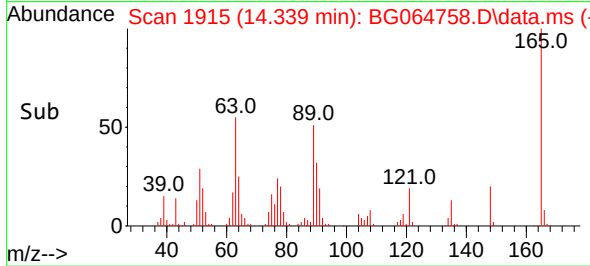
Instrument :
BNA_G
ClientSampleId :
PB170528BS



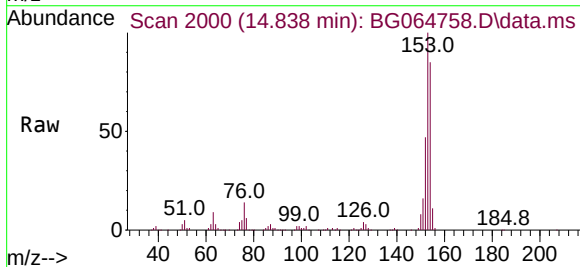
Tgt Ion:165 Resp: 77372
Ion Ratio Lower Upper
165 100
63 55.2 49.8 74.8
89 50.6 45.0 67.4

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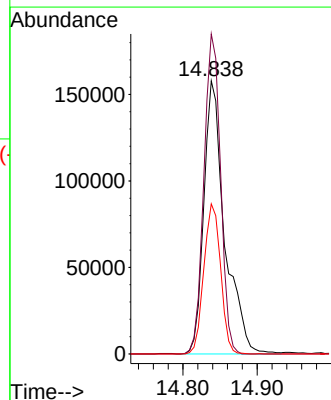
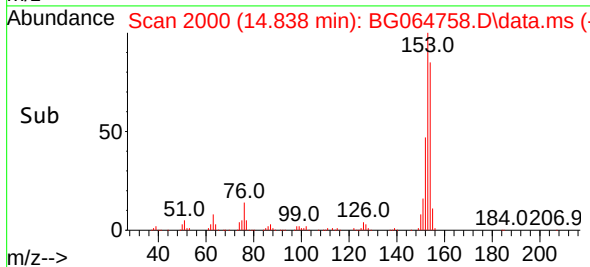
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

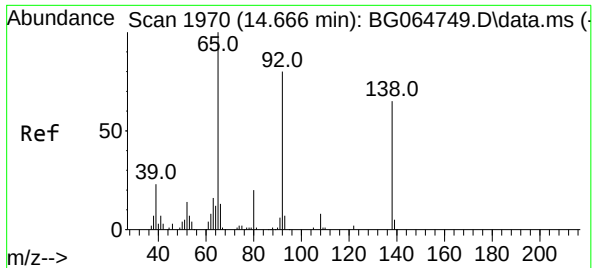


#52
Acenaphthene
Concen: 48.947 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



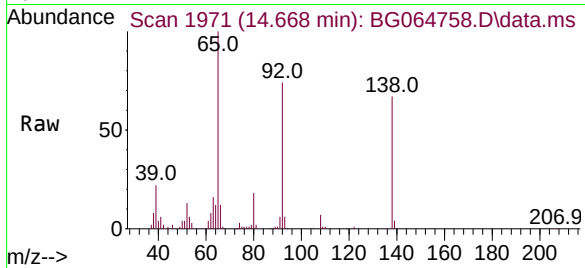
Tgt Ion:154 Resp: 309502
Ion Ratio Lower Upper
154 100
153 117.2 93.0 139.4
152 54.9 44.4 66.6





#53
3-Nitroaniline
Concen: 34.290 ng
RT: 14.668 min Scan# 1970
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

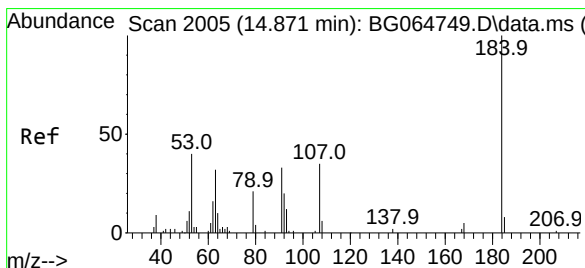
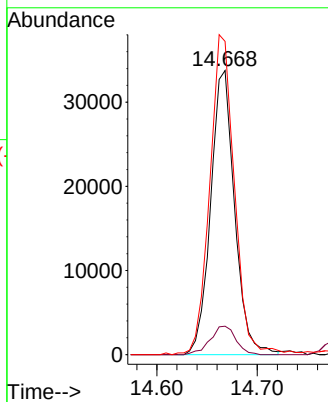
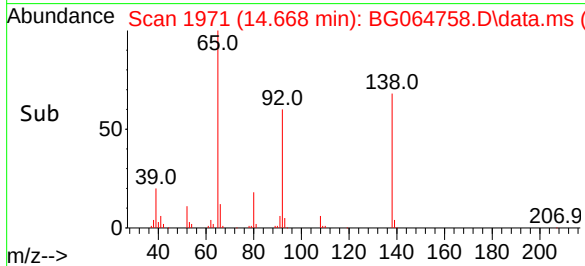
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:138 Resp: 56120
Ion Ratio Lower Upper
138 100
108 10.0 9.5 14.3
92 110.2 99.0 148.4

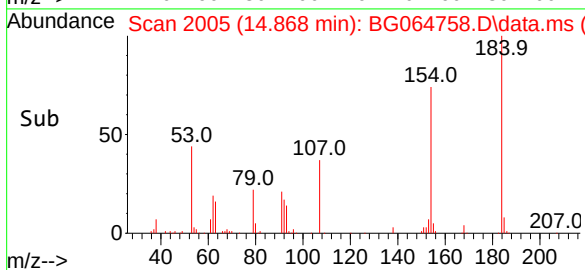
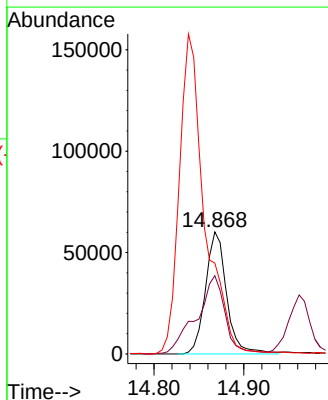
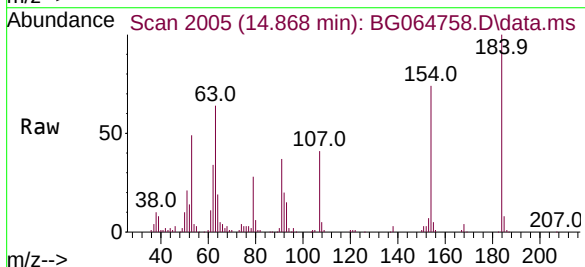
Manual Integrations
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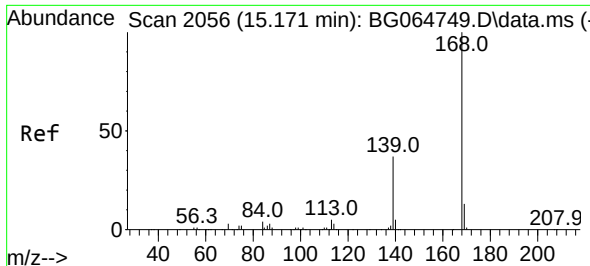
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54
2,4-Dinitrophenol
Concen: 85.814 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:184 Resp: 98270
Ion Ratio Lower Upper
184 100
63 64.0 45.8 68.6
154 74.3 52.6 78.8





#55

Dibenzenofuran

Concen: 42.778 ng

RT: 15.173 min Scan# 2056

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Tgt Ion:168 Resp: 447187

Ion Ratio Lower Upper

168 100

139 36.5 29.5 44.3

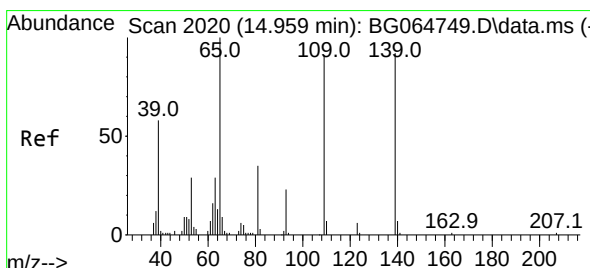
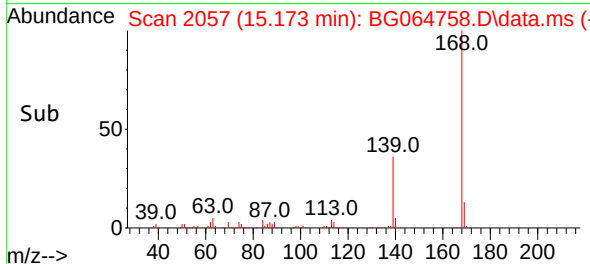
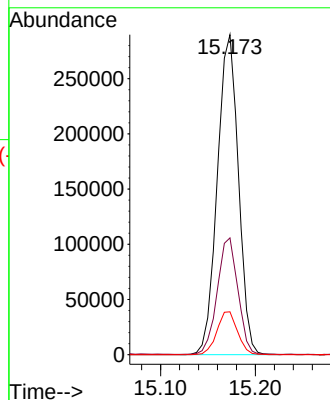
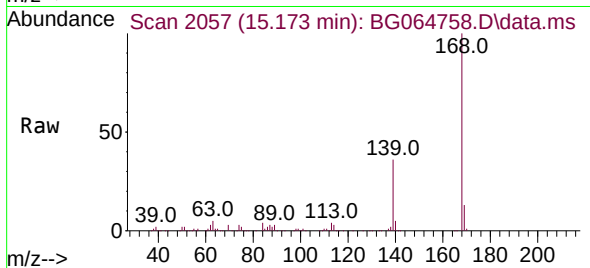
169 13.4 10.4 15.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#56

4-Nitrophenol

Concen: 96.715 ng

RT: 14.962 min Scan# 2021

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

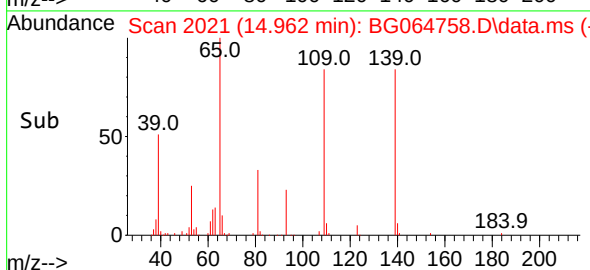
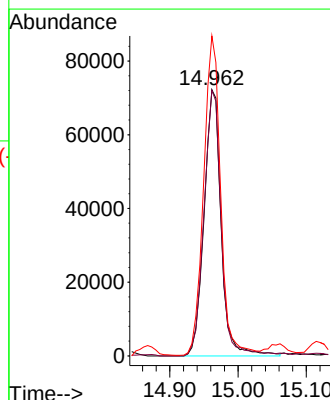
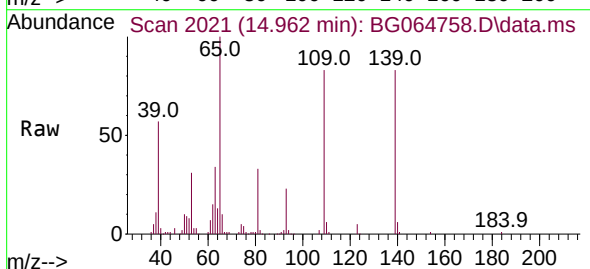
Tgt Ion:139 Resp: 125587

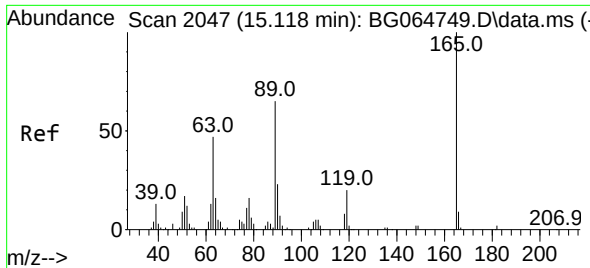
Ion Ratio Lower Upper

139 100

109 99.8 79.7 119.7

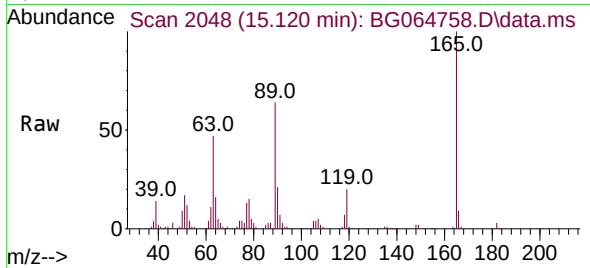
65 120.2 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 46.384 ng
RT: 15.120 min Scan# 2047
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

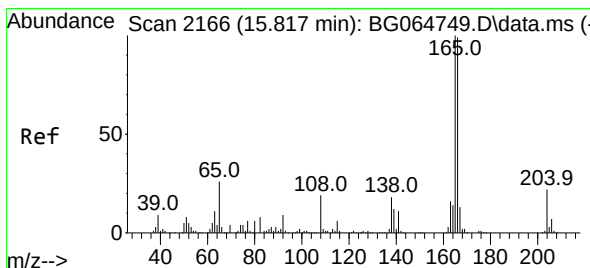
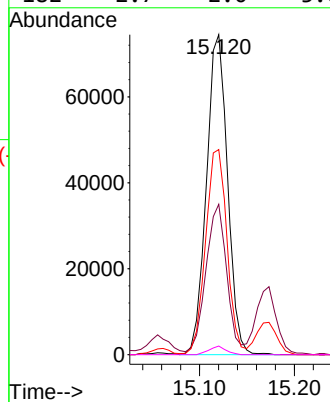
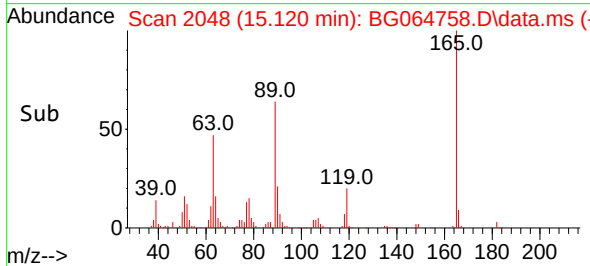
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:165 Resp: 115312
Ion Ratio Lower Upper
165 100
63 47.0 37.8 56.6
89 64.1 51.6 77.4
182 2.7 2.0 3.0

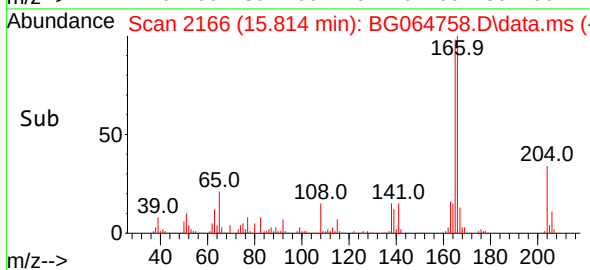
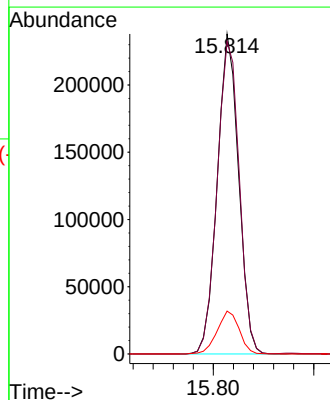
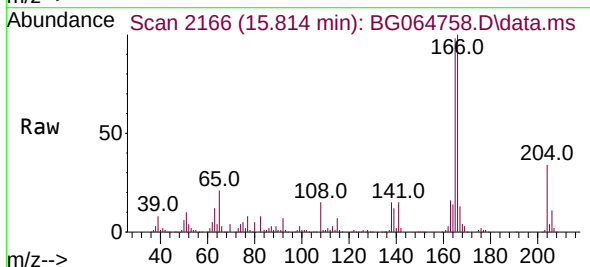
Manual Integrations
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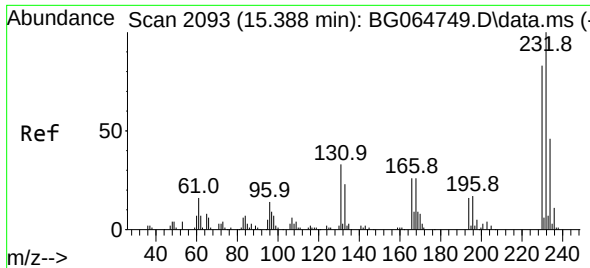
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#58
Fluorene
Concen: 42.951 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:166 Resp: 352150
Ion Ratio Lower Upper
166 100
165 97.6 80.5 120.7
167 13.4 10.3 15.5





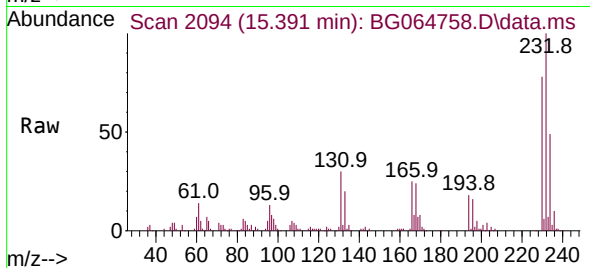
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.160 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

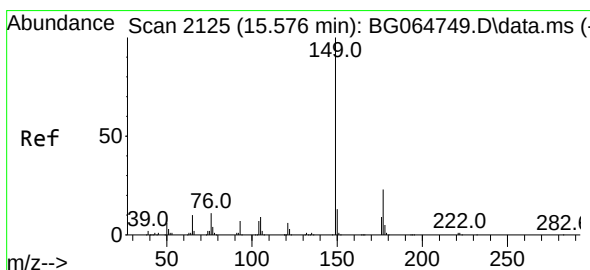
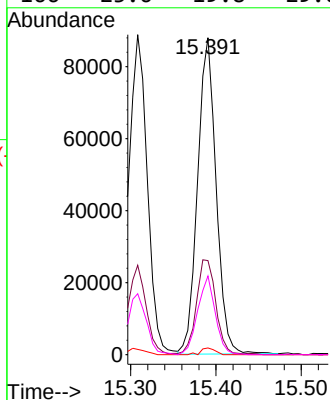
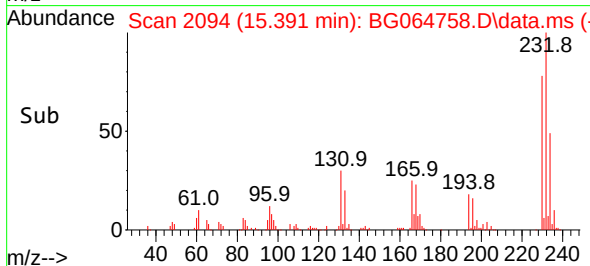


Tgt Ion:232 Resp: 132798
Ion Ratio Lower Upper
232 100
131 31.6 26.0 39.0
130 1.6 1.6 2.4
166 23.6 19.8 29.6

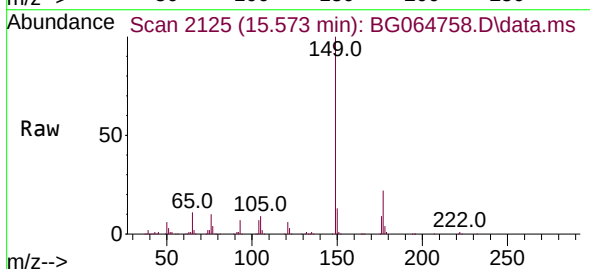
Manual Integrations

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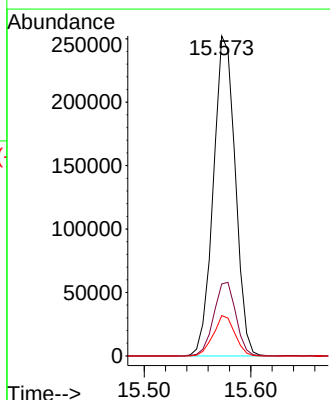
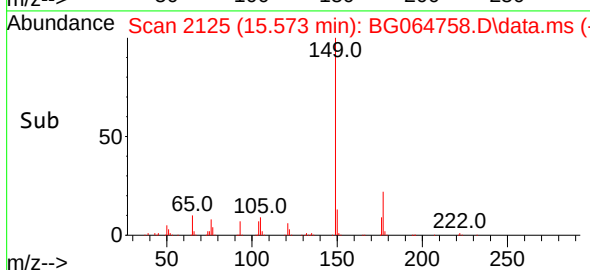
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

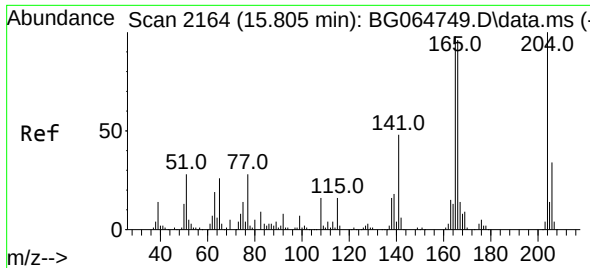


#60
Diethylphthalate
Concen: 43.666 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



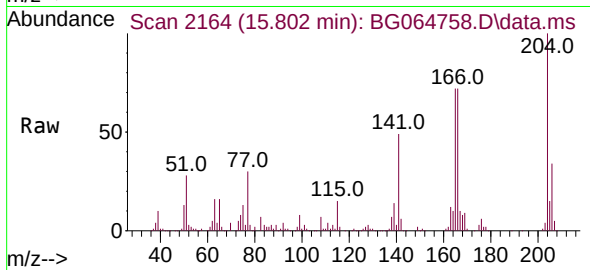
Tgt Ion:149 Resp: 360477
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.559 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

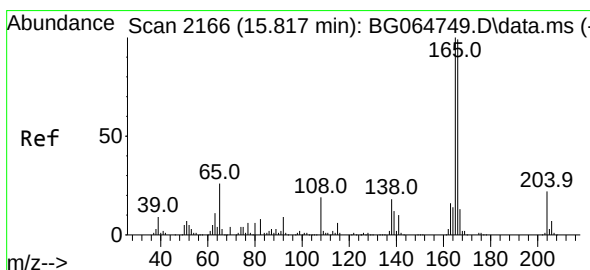
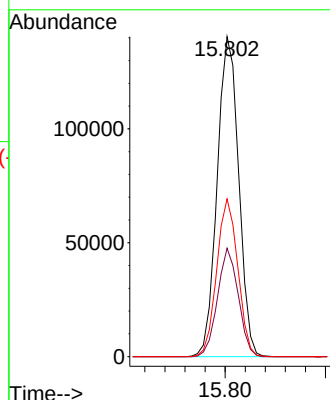
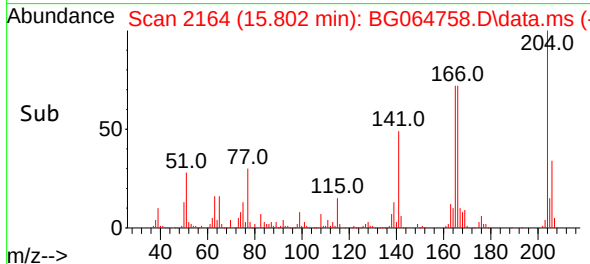
Instrument :
BNA_G
ClientSampleId :
PB170528BS



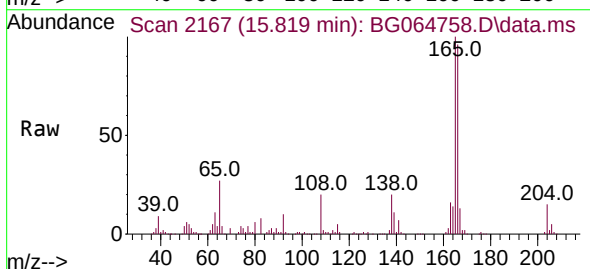
Tgt Ion:204 Resp: 209410
Ion Ratio Lower Upper
204 100
206 33.9 26.9 40.3
141 49.3 38.1 57.1

Manual Integrations
APPROVED

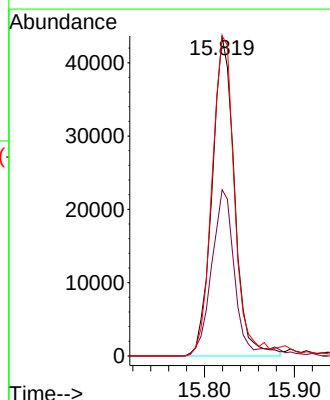
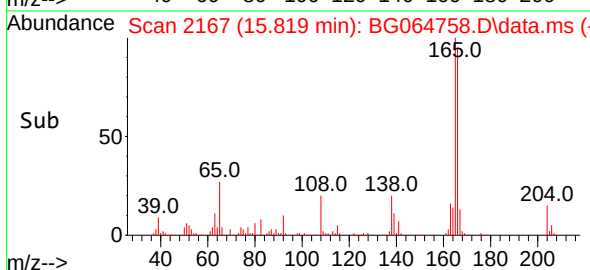
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

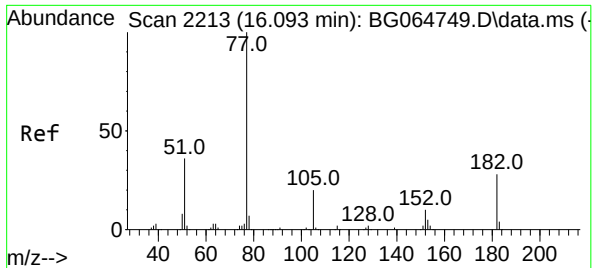


#62
4-Nitroaniline
Concen: 44.349 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



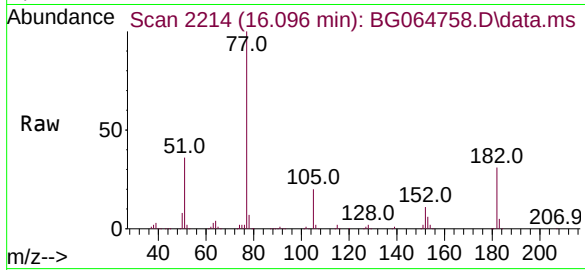
Tgt Ion:138 Resp: 75195
Ion Ratio Lower Upper
138 100
92 52.0 30.7 70.7
108 100.2 85.7 125.7





#63
Azobenzene
Concen: 43.825 ng
RT: 16.096 min Scan# 2213
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

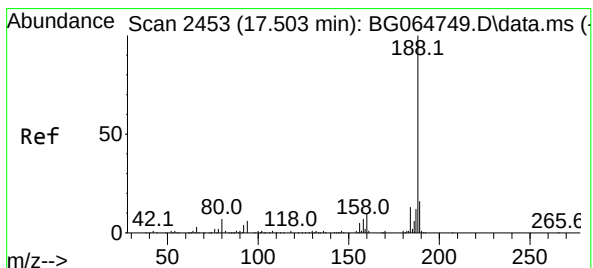
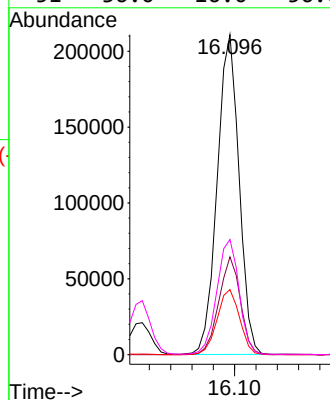
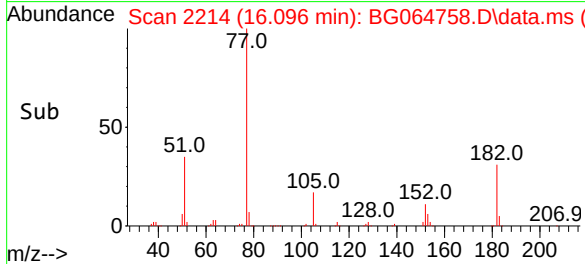
Instrument :
BNA_G
ClientSampleId :
PB170528BS



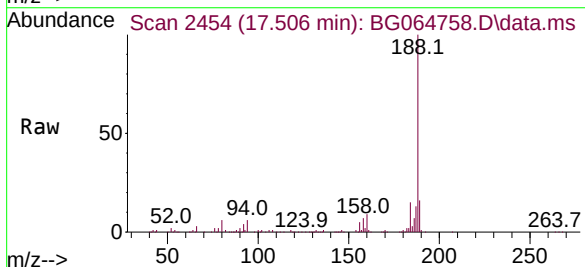
Tgt Ion: 77 Resp: 300925
Ion Ratio Lower Upper
77 100
182 30.5 8.1 48.1
105 20.3 0.1 40.1
51 36.0 16.0 56.0

Manual Integrations
APPROVED

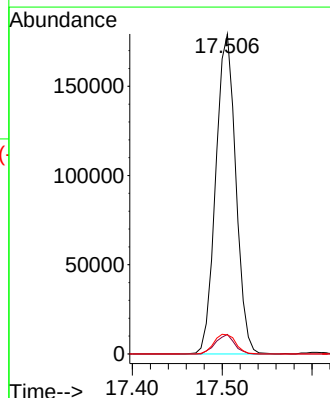
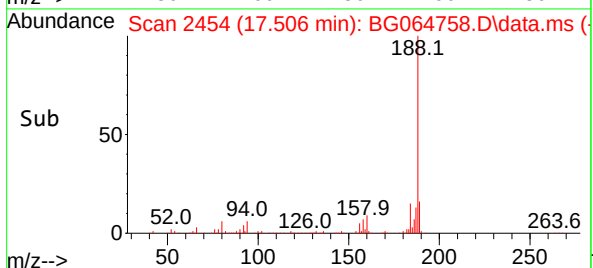
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

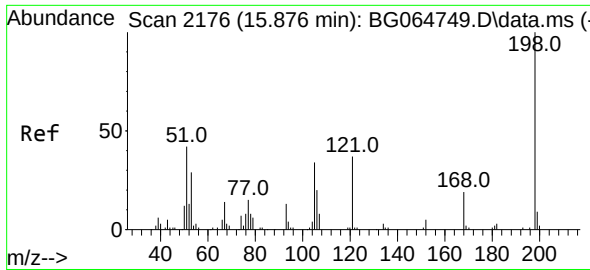


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2454
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



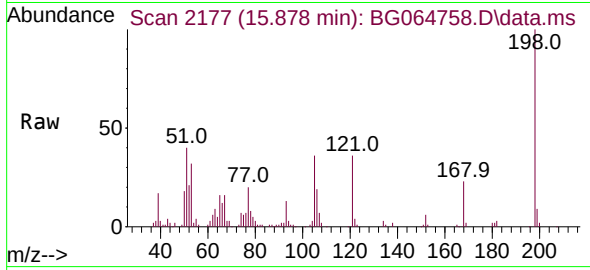
Tgt Ion:188 Resp: 277518
Ion Ratio Lower Upper
188 100
94 6.1 4.7 7.1
80 6.0 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 49.145 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

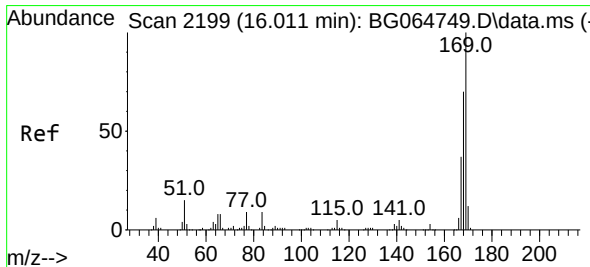
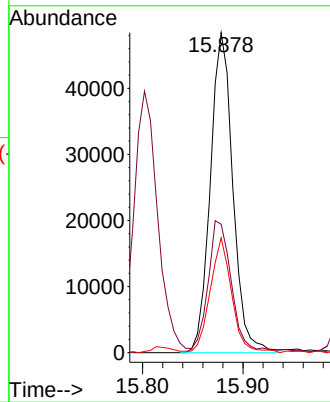
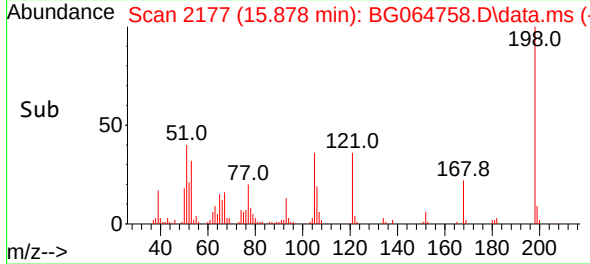
Instrument :
BNA_G
ClientSampleId :
PB170528BS



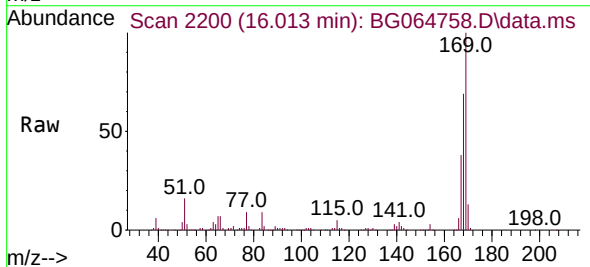
Tgt Ion:198 Resp: 75724
Ion Ratio Lower Upper
198 100
51 40.1 25.2 65.2
105 35.8 14.2 54.2

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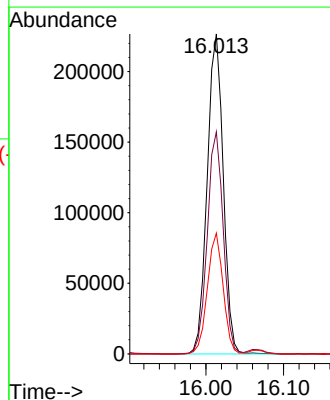
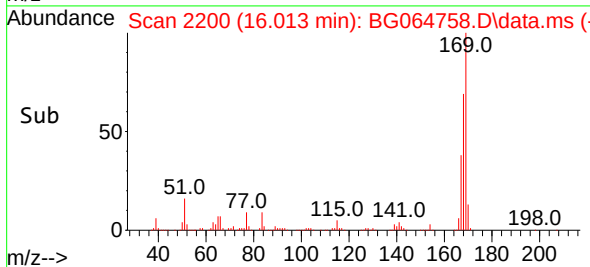
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

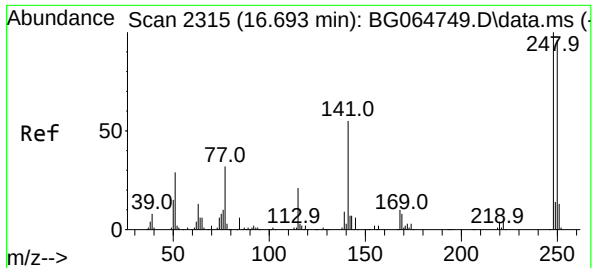


#66
n-Nitrosodiphenylamine
Concen: 44.769 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



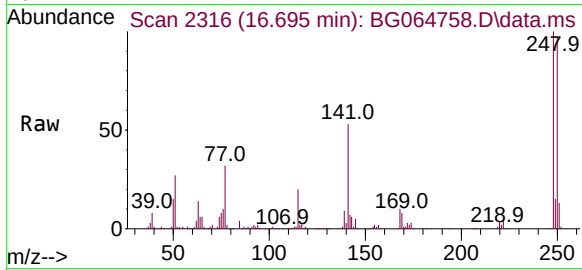
Tgt Ion:169 Resp: 325431
Ion Ratio Lower Upper
169 100
168 69.4 55.9 83.9
167 37.7 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 42.955 ng
RT: 16.695 min Scan# 2315
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

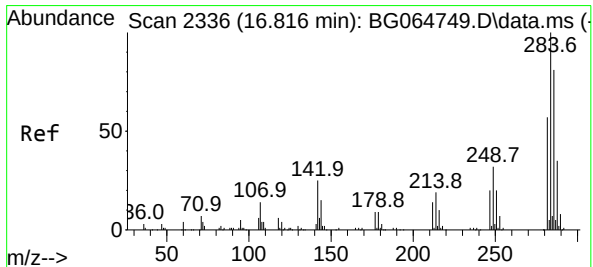
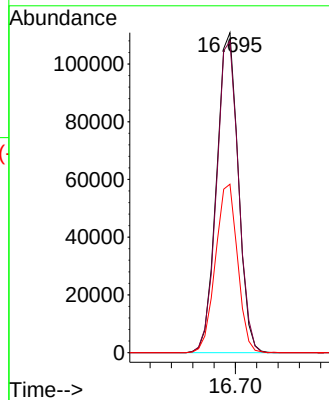
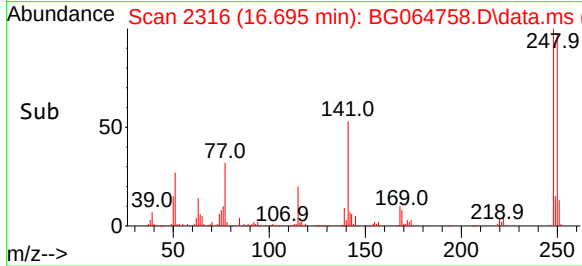
Instrument :
BNA_G
ClientSampleId :
PB170528BS



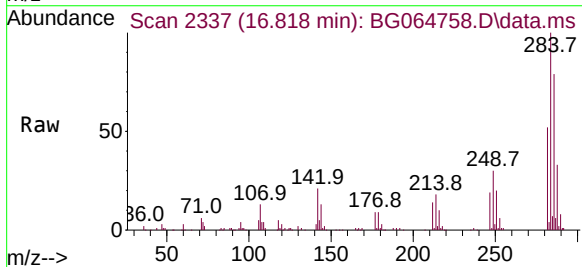
Tgt Ion:248 Resp: 156547
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.6
141 52.6 43.7 65.5

Manual Integrations
APPROVED

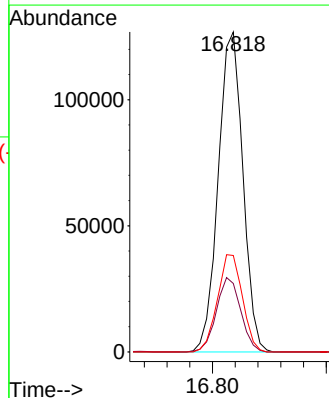
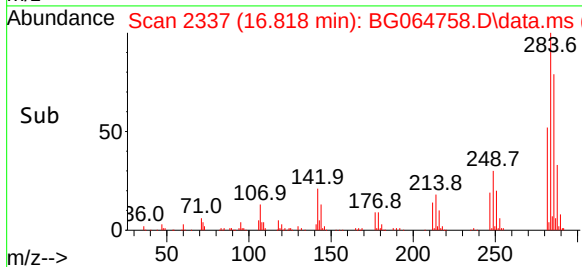
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

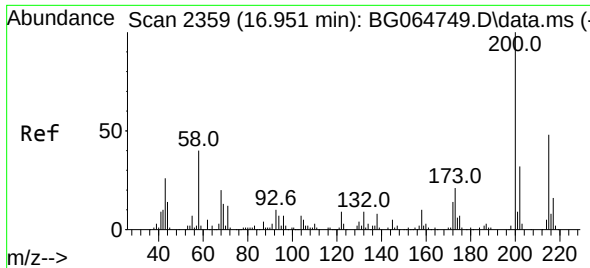


#68
Hexachlorobenzene
Concen: 43.195 ng
RT: 16.818 min Scan# 2337
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



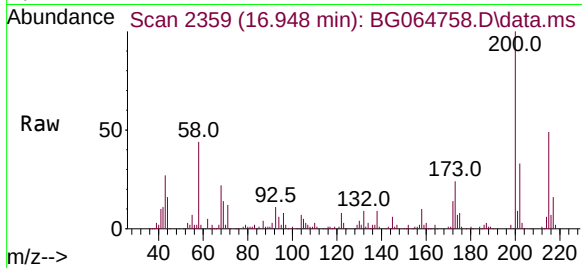
Tgt Ion:284 Resp: 190725
Ion Ratio Lower Upper
284 100
142 21.4 19.7 29.5
249 32.7 28.1 42.1





#69
Atrazine
Concen: 43.941 ng
RT: 16.948 min Scan# 2359
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

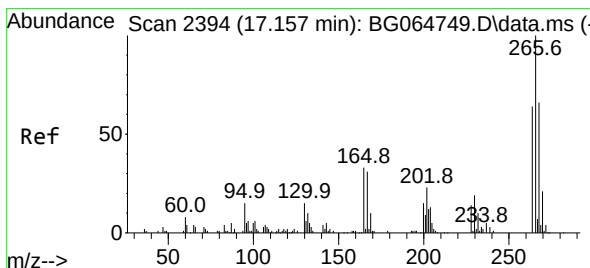
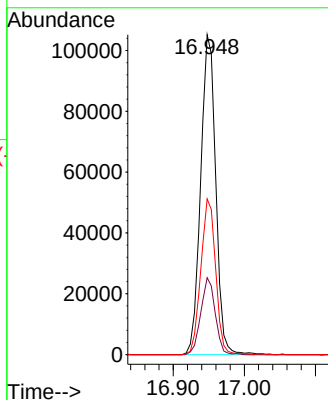
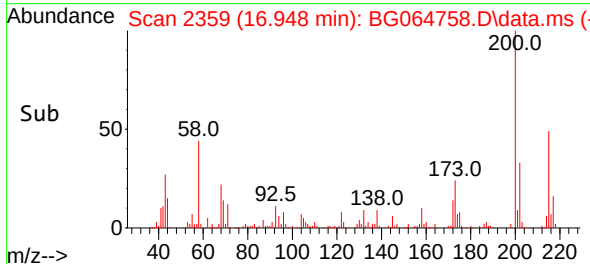
Instrument :
BNA_G
ClientSampleId :
PB170528BS



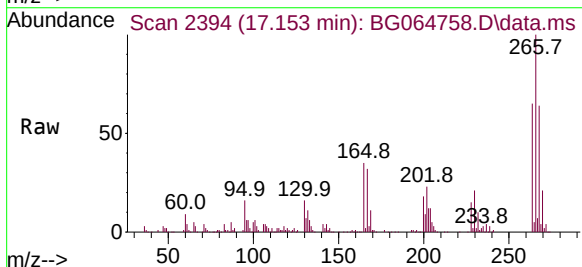
Tgt Ion:200 Resp: 153998
Ion Ratio Lower Upper
200 100
173 24.0 0.9 40.9
215 48.7 27.5 67.5

Manual Integrations
APPROVED

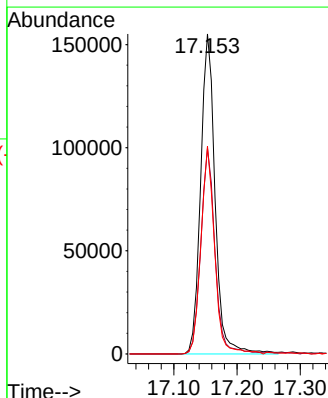
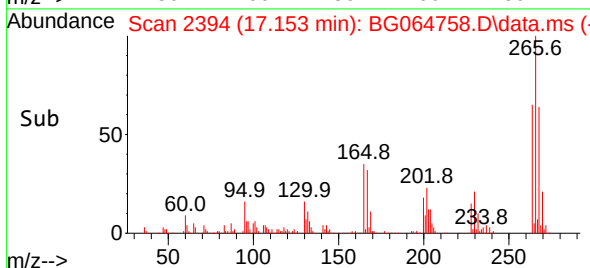
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

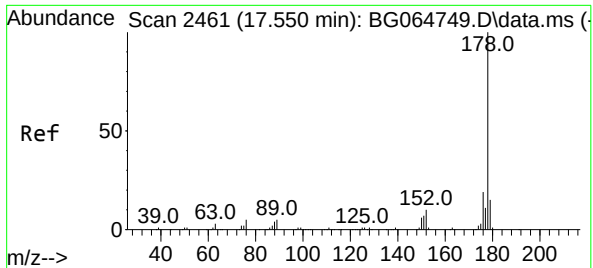


#70
Pentachlorophenol
Concen: 93.303 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



Tgt Ion:266 Resp: 246683
Ion Ratio Lower Upper
266 100
268 68.7 56.1 84.1
264 64.9 51.2 76.8





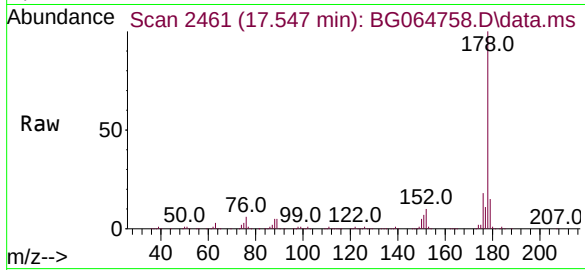
#71
Phenanthrene
Concen: 43.504 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

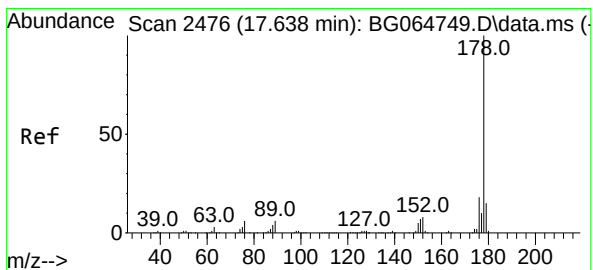
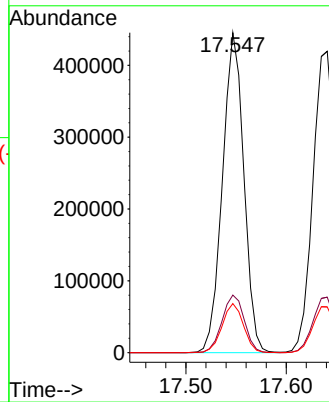
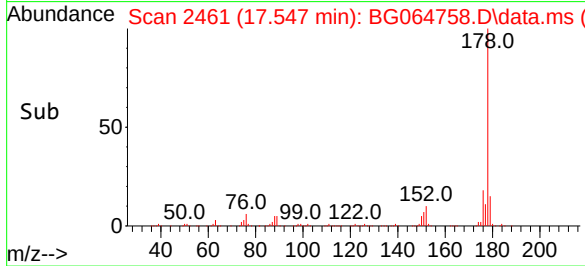


Tgt Ion:178 Resp: 660565
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.3 12.2 18.4

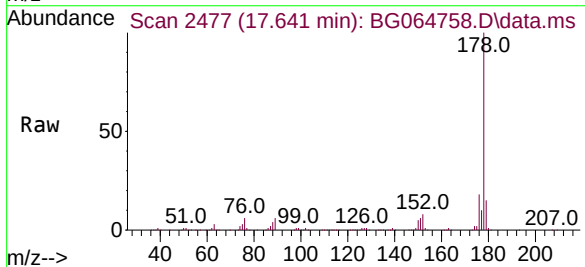
Manual Integrations

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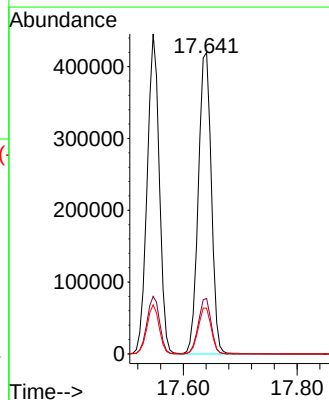
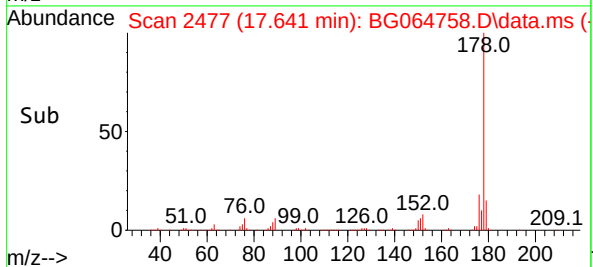
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

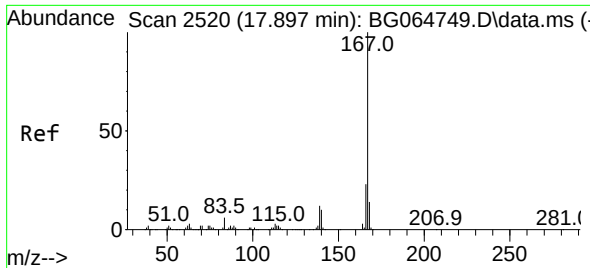


#72
Anthracene
Concen: 42.722 ng
RT: 17.641 min Scan# 2477
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



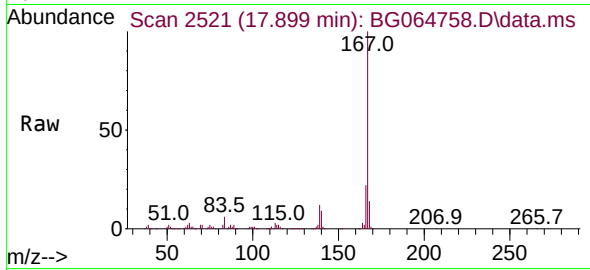
Tgt Ion:178 Resp: 661448
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 44.136 ng
 RT: 17.899 min Scan# 2520
 Delta R.T. 0.002 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57

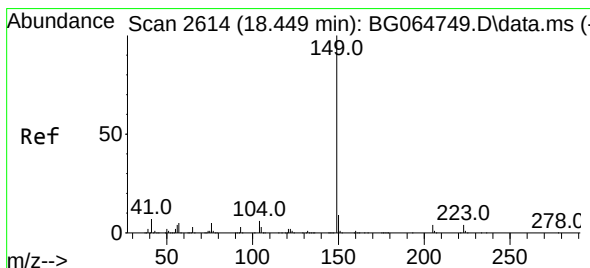
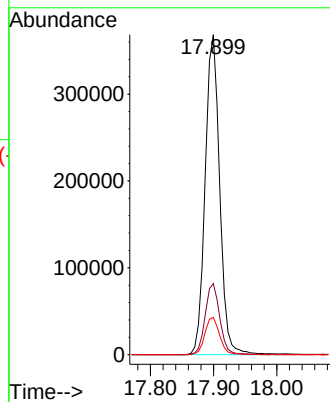
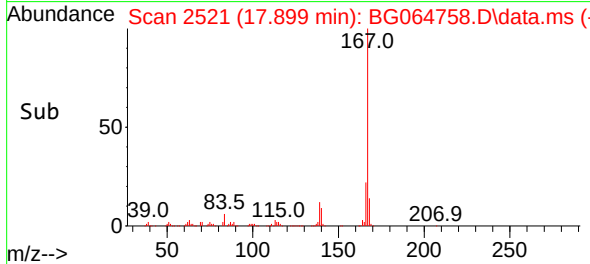
Instrument :
 BNA_G
 ClientSampleId :
 PB170528BS



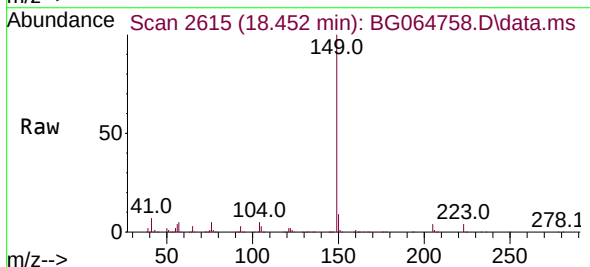
Tgt Ion:167 Resp: 587443
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 11.6 9.7 14.5

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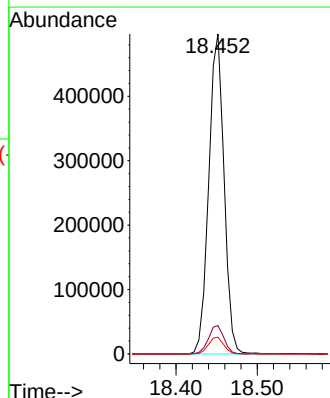
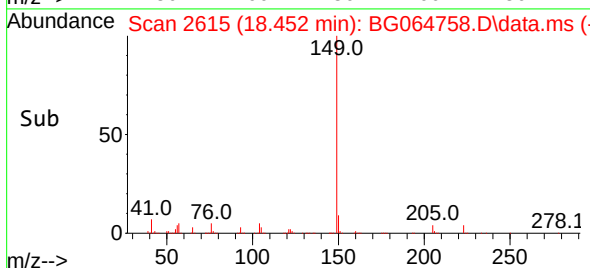
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

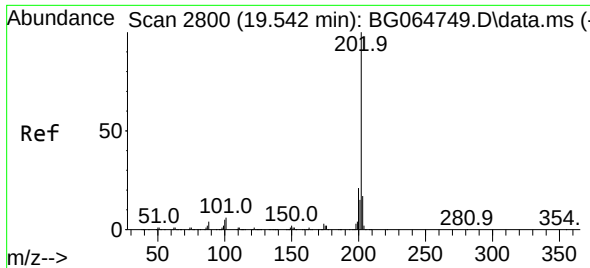


#74
 Di-n-butylphthalate
 Concen: 43.771 ng
 RT: 18.452 min Scan# 2615
 Delta R.T. 0.002 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57



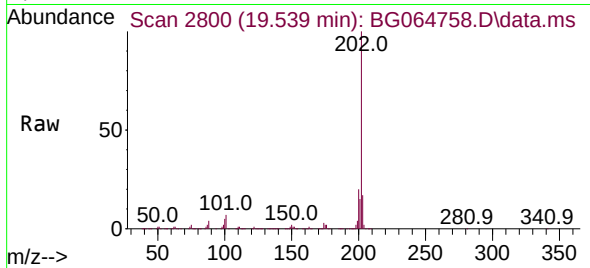
Tgt Ion:149 Resp: 649966
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.251 ng
RT: 19.539 min Scan# 2800
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

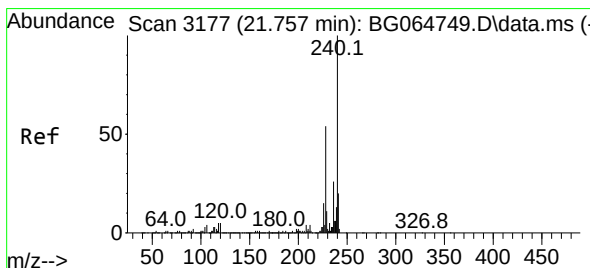
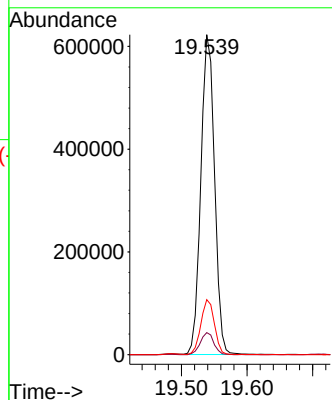
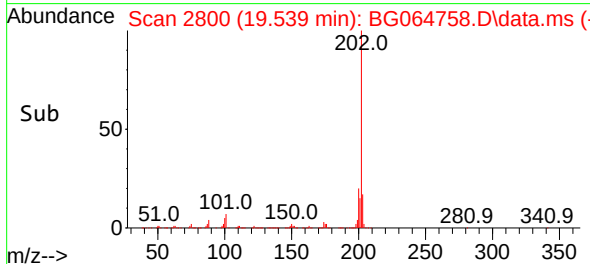
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:202 Resp: 898032
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.4
203 17.2 0.0 37.5

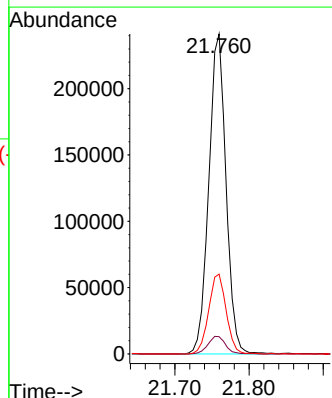
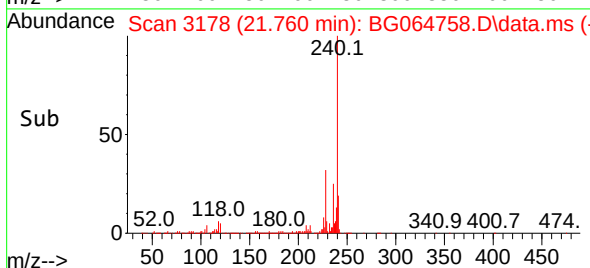
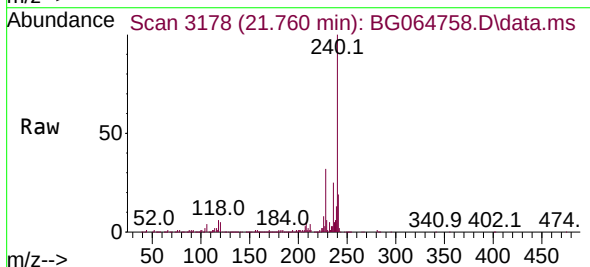
Manual Integrations
APPROVED

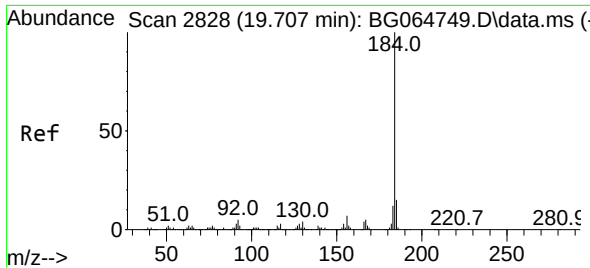
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.760 min Scan# 3178
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

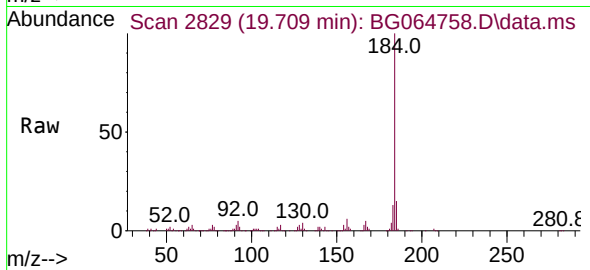
Tgt Ion:240 Resp: 388627
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.4
236 24.9 20.8 31.2





#77
Benzidine
Concen: 21.017 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

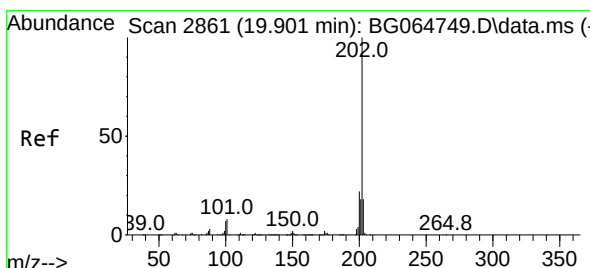
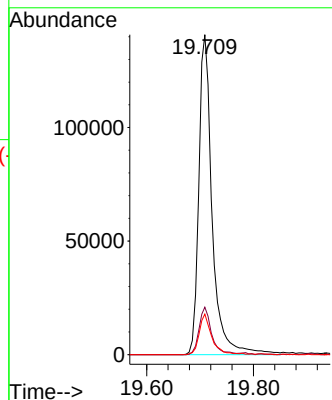
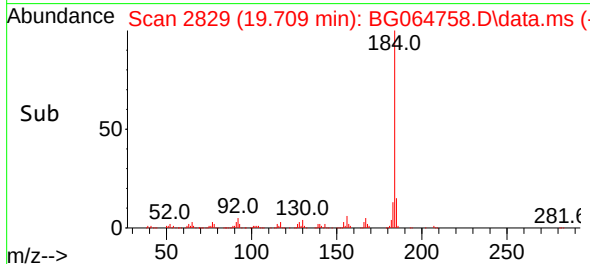
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:184 Resp: 244616
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 12.7 9.8 14.6

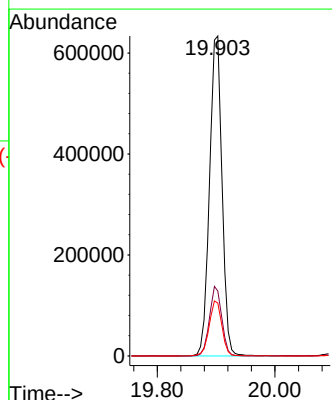
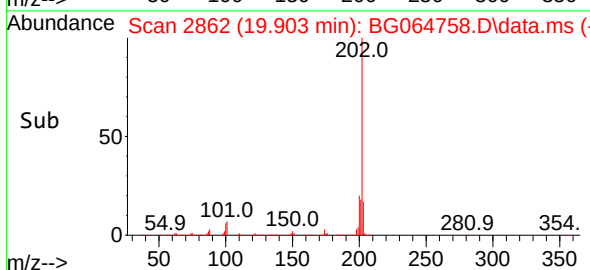
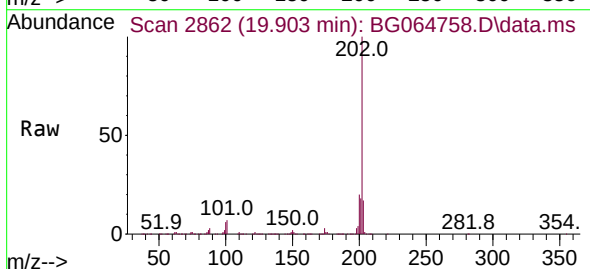
Manual Integrations
APPROVED

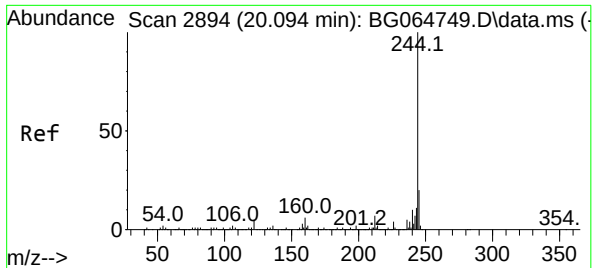
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 42.896 ng
RT: 19.903 min Scan# 2862
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

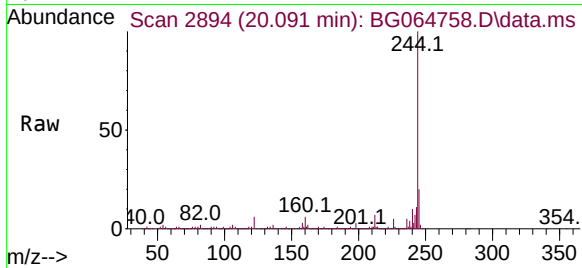
Tgt Ion:202 Resp: 934321
Ion Ratio Lower Upper
202 100
200 20.3 17.9 26.9
203 16.5 14.0 21.0





#79
Terphenyl-d14
Concen: 77.867 ng
RT: 20.091 min Scan# 2894
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

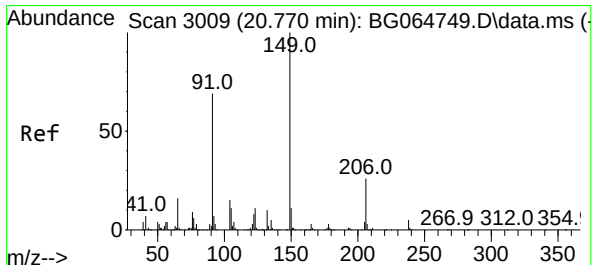
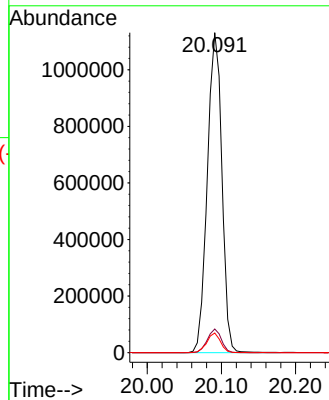
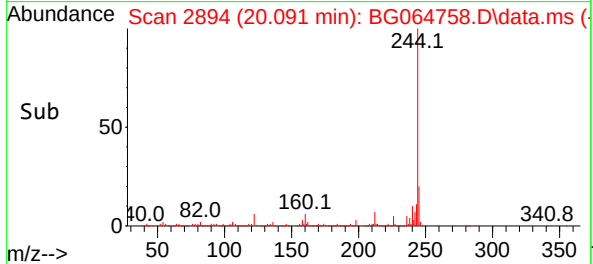
Instrument :
BNA_G
ClientSampleId :
PB170528BS



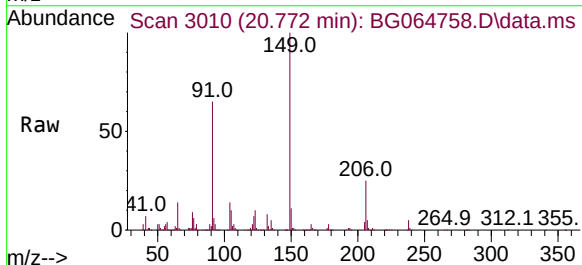
Tgt Ion:244 Resp: 153838
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 6.1 4.3 6.5

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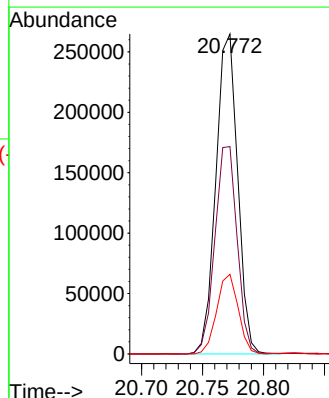
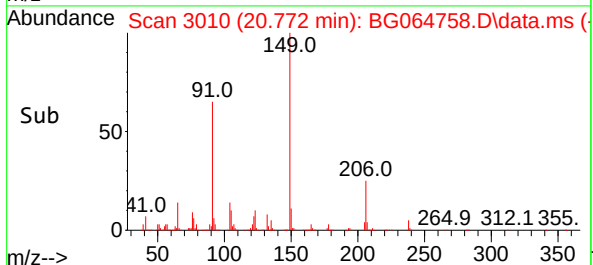
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

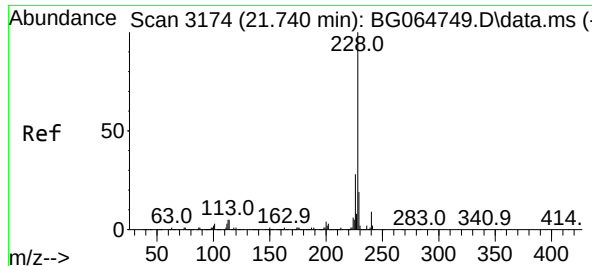


#80
Butylbenzylphthalate
Concen: 42.873 ng
RT: 20.772 min Scan# 3010
Delta R.T. 0.002 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



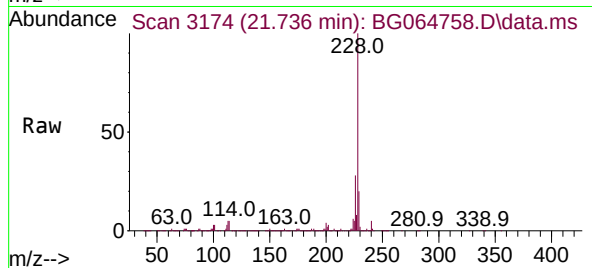
Tgt Ion:149 Resp: 328457
Ion Ratio Lower Upper
149 100
91 64.8 54.9 82.3
206 24.9 21.2 31.8





#81
Benzo(a)anthracene
Concen: 42.658 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

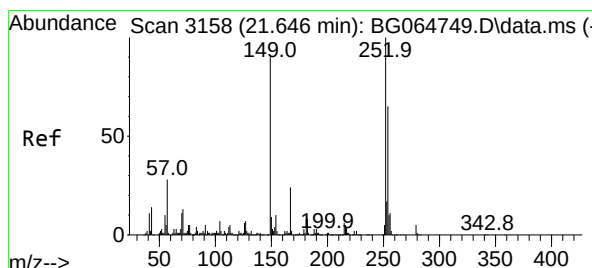
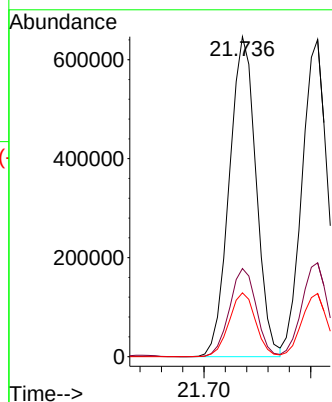
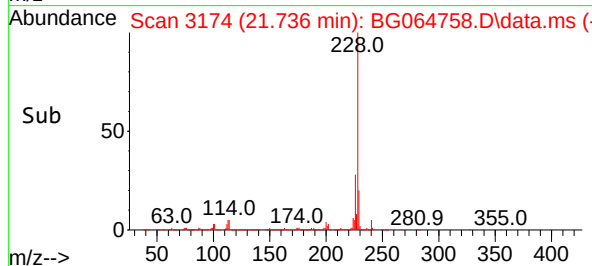
Instrument :
BNA_G
ClientSampleId :
PB170528BS



Tgt Ion:228 Resp: 1127249
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.9 15.5 23.3

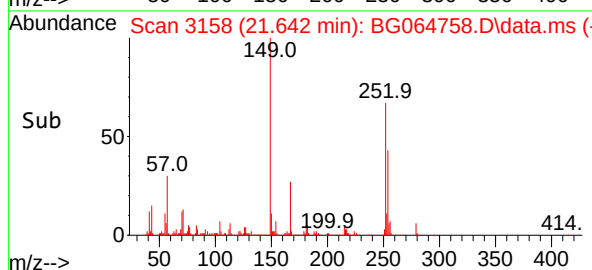
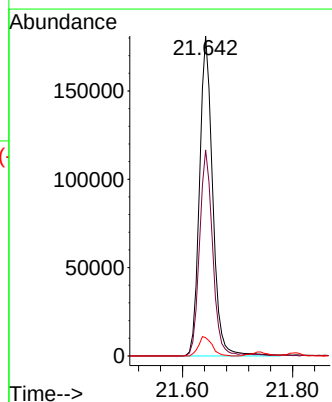
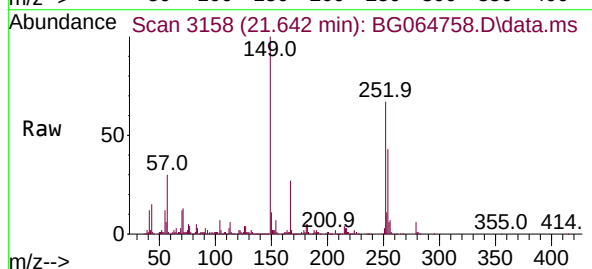
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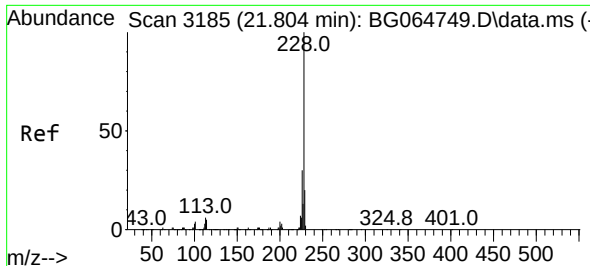
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 30.893 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:252 Resp: 300479
Ion Ratio Lower Upper
252 100
254 64.4 51.8 77.8
126 5.7 4.7 7.1





#83

Chrysene

Concen: 42.644 ng

RT: 21.807 min Scan# 3185

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Tgt Ion:228 Resp: 106238

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

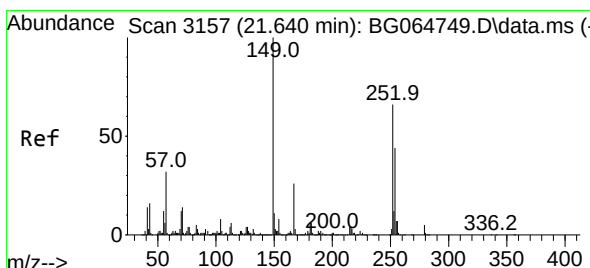
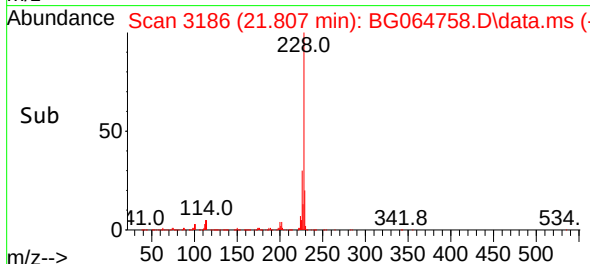
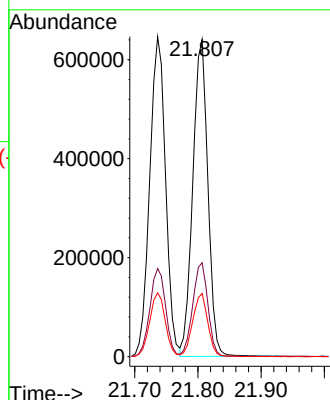
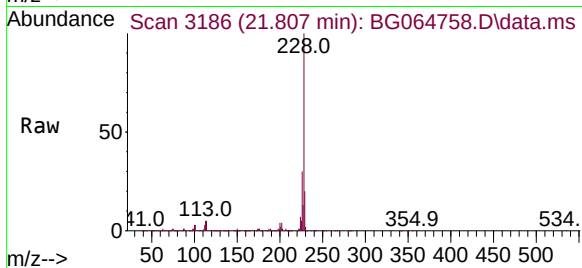
229 19.9 16.0 24.0

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: 42.723 ng

RT: 21.636 min Scan# 3157

Delta R.T. -0.004 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

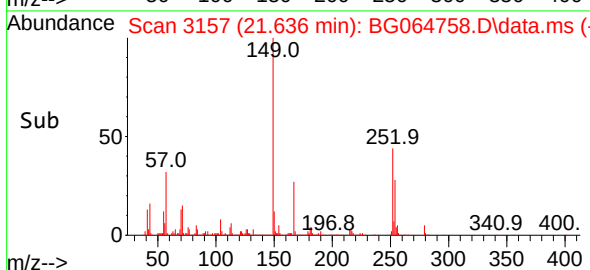
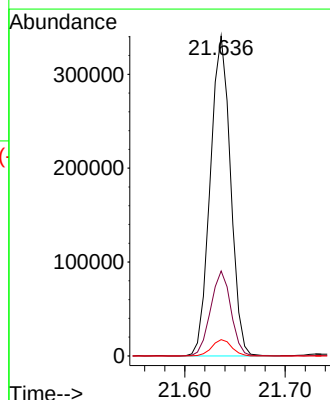
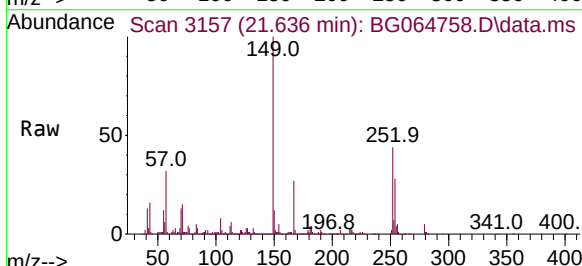
Tgt Ion:149 Resp: 478286

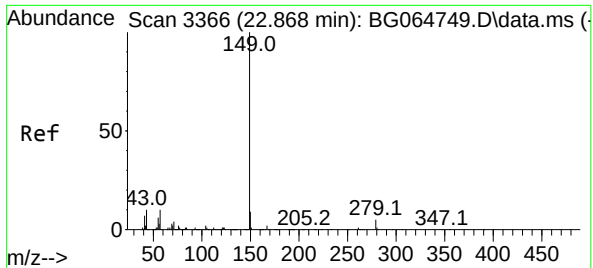
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

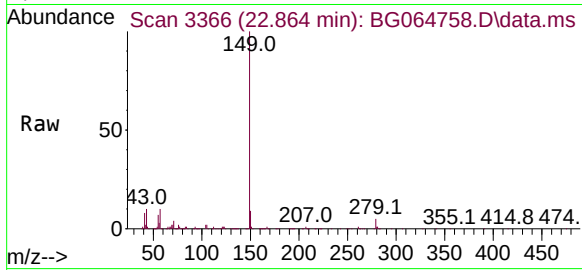
279 5.1 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 42.874 ng
RT: 22.864 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

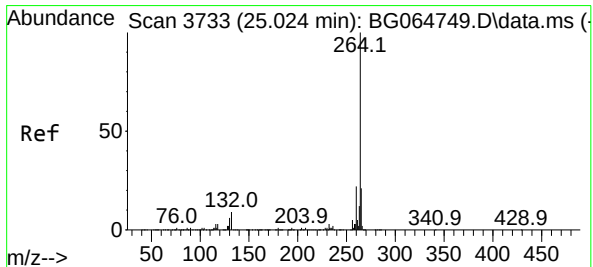
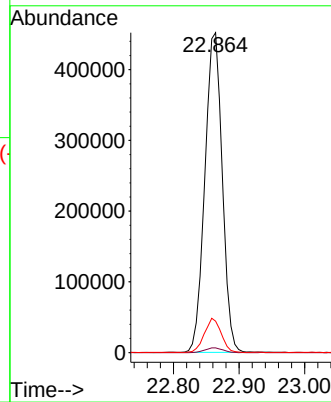
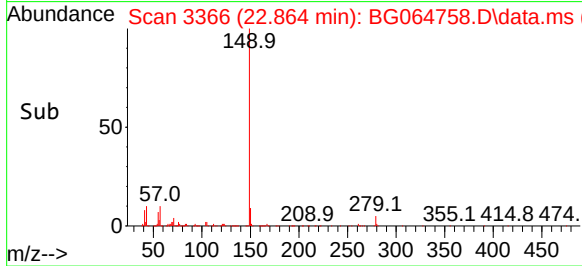
Instrument :
BNA_G
ClientSampleId :
PB170528BS



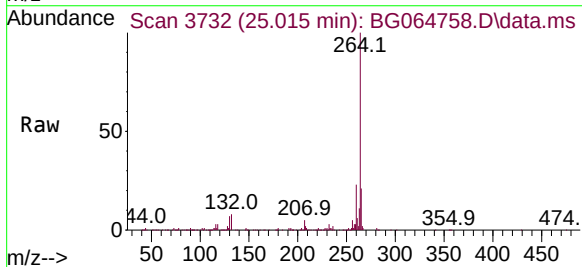
Tgt Ion:149 Resp: 829659
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.3 8.3 12.5

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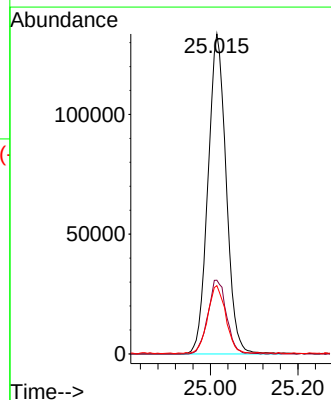
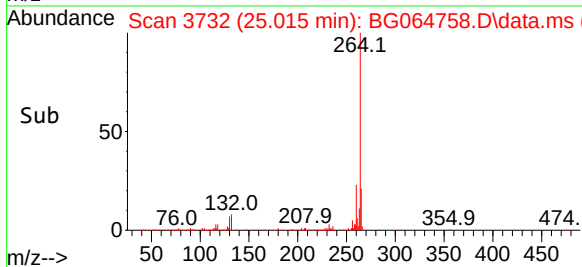
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

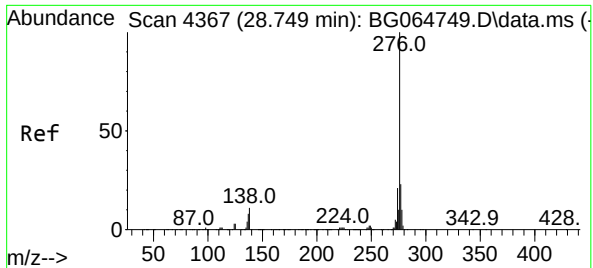


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.015 min Scan# 3732
Delta R.T. -0.009 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57



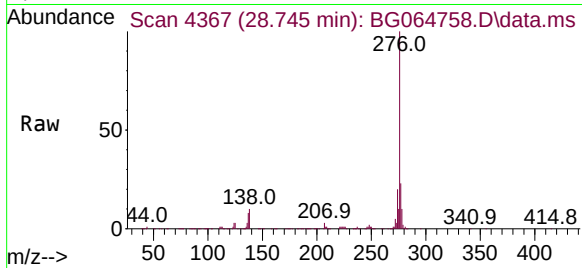
Tgt Ion:264 Resp: 384250
Ion Ratio Lower Upper
264 100
260 23.0 17.2 25.8
265 21.3 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.734 ng
 RT: 28.745 min Scan# 4367
 Delta R.T. -0.004 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57

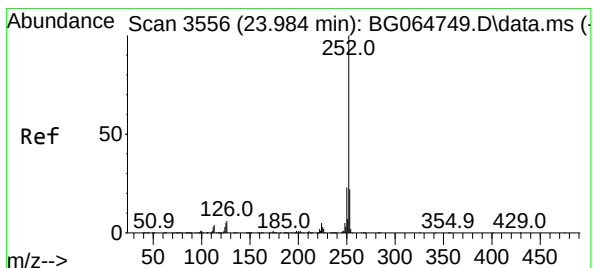
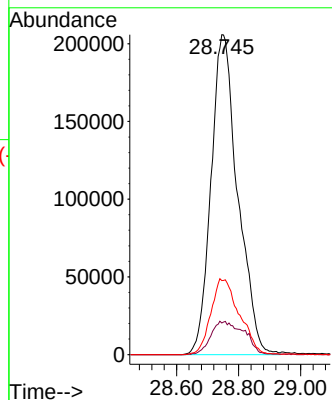
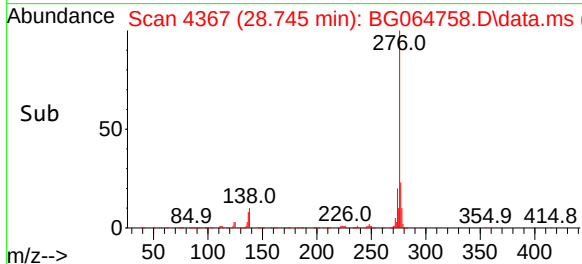
Instrument :
 BNA_G
 ClientSampleId :
 PB170528BS



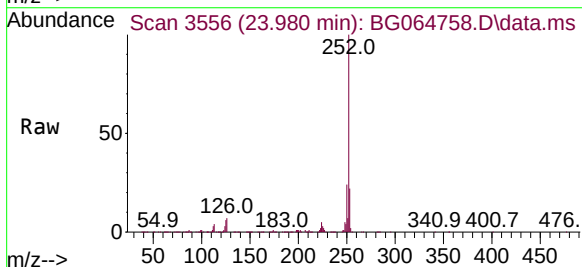
Tgt Ion:276 Resp: 123375
 Ion Ratio Lower Upper
 276 100
 138 13.0 4.5 6.7
 277 25.2 20.0 30.0

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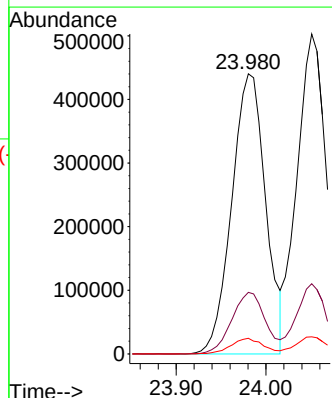
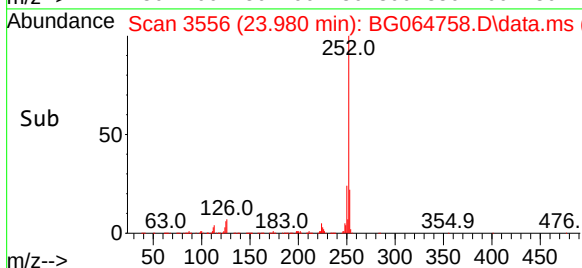
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

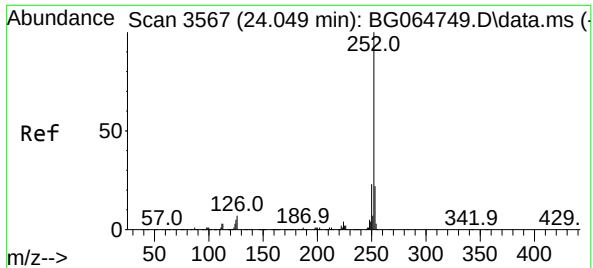


#88
 Benzo(b)fluoranthene
 Concen: 47.216 ng
 RT: 23.980 min Scan# 3556
 Delta R.T. -0.004 min
 Lab File: BG064758.D
 Acq: 13 Nov 2025 15:57



Tgt Ion:252 Resp: 1154586
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 5.6 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 46.925 ng

RT: 24.051 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

Tgt Ion:252 Resp: 115280

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

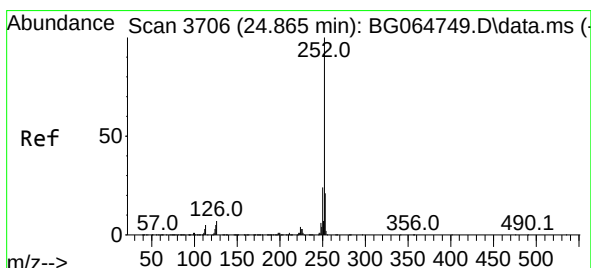
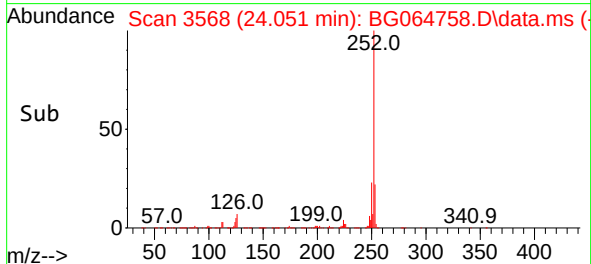
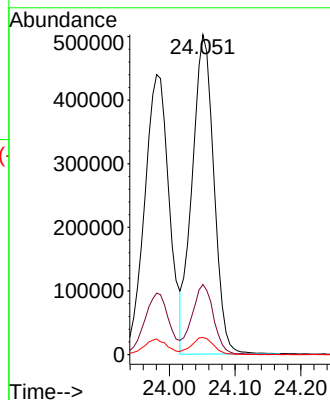
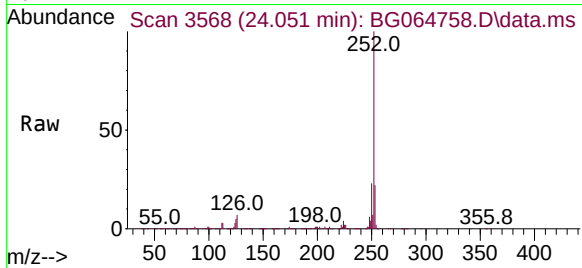
125 5.3 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 47.206 ng

RT: 24.868 min Scan# 3707

Delta R.T. 0.002 min

Lab File: BG064758.D

Acq: 13 Nov 2025 15:57

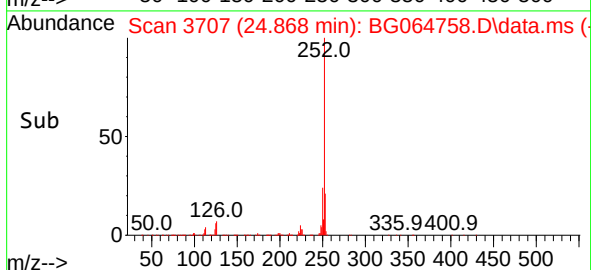
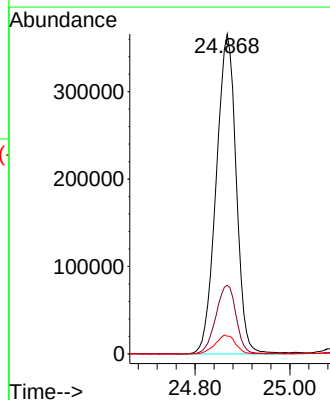
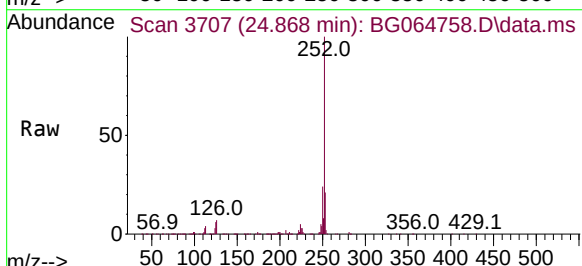
Tgt Ion:252 Resp: 1070783

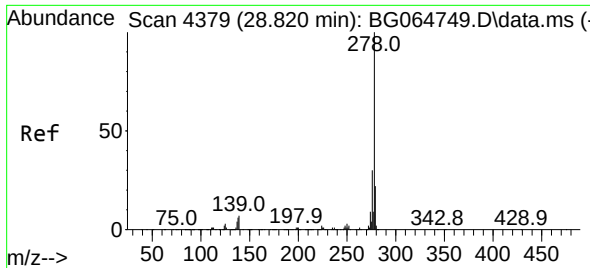
Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

125 5.5 4.2 6.4





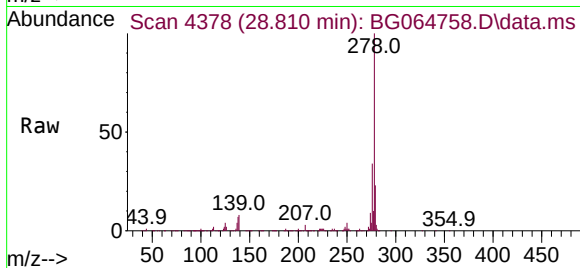
#91
Dibenzo(a,h)anthracene
Concen: 47.609 ng
RT: 28.810 min Scan# 4379
Delta R.T. -0.009 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Instrument :

BNA_G

ClientSampleId :

PB170528BS

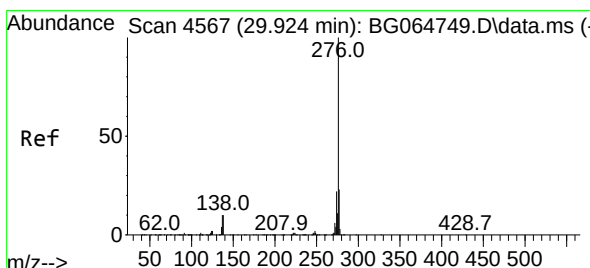
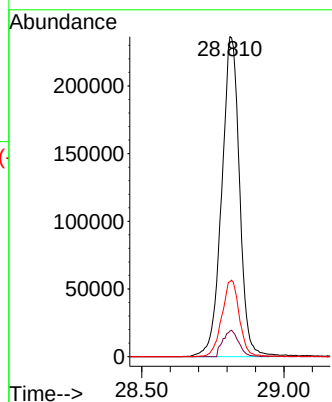
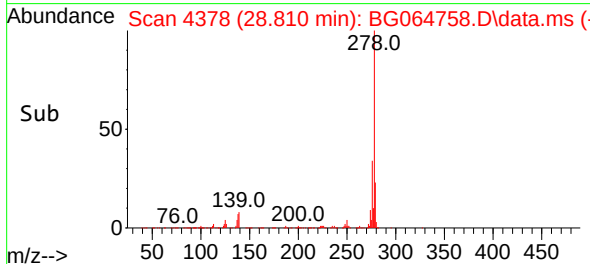


Tgt Ion:278 Resp: 1029634
Ion Ratio Lower Upper
278 100
139 8.0 5.8 8.8
279 23.4 17.3 25.9

Manual Integrations

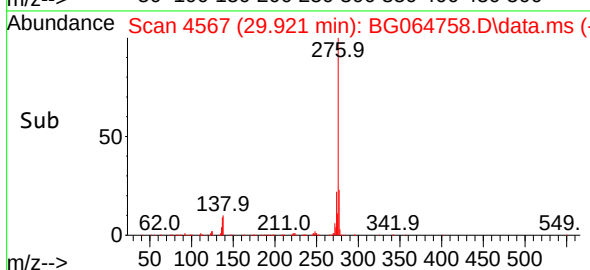
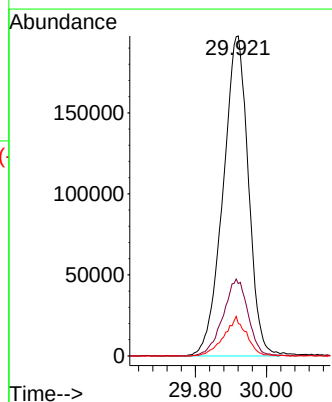
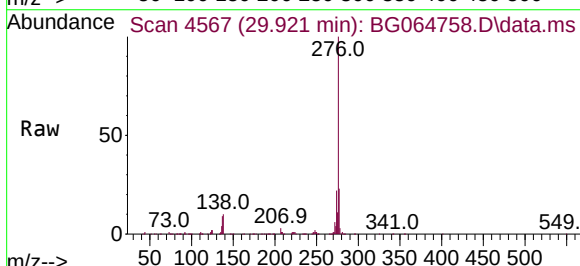
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Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#92
Benzo(g,h,i)perylene
Concen: 46.879 ng
RT: 29.921 min Scan# 4567
Delta R.T. -0.004 min
Lab File: BG064758.D
Acq: 13 Nov 2025 15:57

Tgt Ion:276 Resp: 975725
Ion Ratio Lower Upper
276 100
277 22.6 18.0 27.0
138 10.2 8.2 12.2



Report of Analysis

Client: Kleinfelder	Date Collected: 11/11/25	
Project: Logan School	Date Received: 11/12/25	
Client Sample ID: AU-713-COMP-05MS	SDG No.: Q3614	
Lab Sample ID: Q3609-13MS	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 84.9	
Level: LOW	Test: SVOCMS Group1	
Sample Wt/Vol: 50.08 g	Final Vol: 1000 uL	
Prep Method: SW3541	Prep Date: 11/13/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1100		1	16.0	120	ug/Kg	11/13/25 18:03	PB170528
86-73-7	Fluorene	1100		1	17.9	120	ug/Kg	11/13/25 18:03	PB170528
85-01-8	Phenanthrene	1100		1	14.7	120	ug/Kg	11/13/25 18:03	PB170528
120-12-7	Anthracene	1100		1	23.5	120	ug/Kg	11/13/25 18:03	PB170528
129-00-0	Pyrene	1200		1	25.4	120	ug/Kg	11/13/25 18:03	PB170528
56-55-3	Benzo(a)anthracene	1100		1	16.2	120	ug/Kg	11/13/25 18:03	PB170528
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	11/13/25 18:03	PB170528
205-99-2	Benzo(b)fluoranthene	1100		1	13.4	120	ug/Kg	11/13/25 18:03	PB170528
50-32-8	Benzo(a)pyrene	1100		1	20.8	120	ug/Kg	11/13/25 18:03	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1200		1	20.5	120	ug/Kg	11/13/25 18:03	PB170528
191-24-2	Benzo(g,h,i)perylene	1200		1	18.1	120	ug/Kg	11/13/25 18:03	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	68.8			10 - 108	69%	SPK: 100		
321-60-8	2-Fluorobiphenyl	67.9			10 - 108	68%	SPK: 100		
1718-51-0	Terphenyl-d14	71.5			10 - 109	72%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	32300							
1146-65-2	Naphthalene-d8	121000							
15067-26-2	Acenaphthene-d10	96900							
1517-22-2	Phenanthrene-d10	238000							
1719-03-5	Chrysene-d12	308000							
1520-96-3	Perylene-d12	327000							

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\BG111325\
 Data File : BG064761.D
 Acq On : 13 Nov 2025 18:03
 Operator : RC/JU
 Sample : Q3609-13MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MS

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

Quant Time: Nov 14 05:01:41 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 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.167	152	32346	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	121484	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	96899	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	237837	20.000	ng	0.00
76) Chrysene-d12	21.757	240	308191	20.000	ng	0.00
86) Perylene-d12	25.012	264	326854	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	192995	104.189	ng	0.00
7) Phenol-d6	7.309	99	263113	106.796	ng	0.00
23) Nitrobenzene-d5	9.324	82	169130	68.834	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	203500	107.682	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	471580	67.907	ng	0.00
79) Terphenyl-d14	20.088	244	1121005	71.550	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.525	88	29598	41.274	ng	95
3) Pyridine	3.936	79	81739	38.255	ng	99
4) n-Nitrosodimethylamine	3.842	42	50440	46.382	ng	98
6) Aniline	7.479	93	65013	19.797	ng	98
8) 2-Chlorophenol	7.726	128	96630	47.509	ng	97
9) Benzaldehyde	7.285	77	53303	33.051	ng	96
10) Phenol	7.338	94	131835	49.181	ng	99
11) bis(2-Chloroethyl)ether	7.573	93	85297	44.717	ng	99
12) 1,3-Dichlorobenzene	8.055	146	109434	46.758	ng	97
13) 1,4-Dichlorobenzene	8.202	146	113663	47.695	ng	100
14) 1,2-Dichlorobenzene	8.525	146	108343	46.887	ng	99
15) Benzyl Alcohol	8.396	79	97182	48.056	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.690	45	198163	43.890	ng	97
17) 2-Methylphenol	8.596	107	90539	47.735	ng	95
18) Hexachloroethane	9.259	117	39781	44.073	ng	95
19) n-Nitroso-di-n-propyla...	8.966	70	74068	44.463	ng	98
20) 3+4-Methylphenols	8.925	107	122875	47.289	ng	96
22) Acetophenone	8.983	105	158040	47.750	ng	# 98
24) Nitrobenzene	9.371	77	115483	46.516	ng	99
25) Isophorone	9.894	82	211499	45.202	ng	98
26) 2-Nitrophenol	10.088	139	54624	48.916	ng	97
27) 2,4-Dimethylphenol	10.135	122	98048	49.423	ng	94
28) bis(2-Chloroethoxy)met...	10.370	93	119321	46.451	ng	99
29) 2,4-Dichlorophenol	10.623	162	107902	50.661	ng	97
30) 1,2,4-Trichlorobenzene	10.840	180	125784	48.907	ng	96
31) Naphthalene	11.034	128	316501	45.959	ng	99
32) Benzoic acid	10.264	122	54895	40.284	ng	97
33) 4-Chloroaniline	11.128	127	25277	9.175	ng	# 96
34) Hexachlorobutadiene	11.322	225	101313	45.911	ng	97
35) Caprolactam	11.892	113	33119m	51.988	ng	
36) 4-Chloro-3-methylphenol	12.238	107	116752	49.249	ng	97
37) 2-Methylnaphthalene	12.626	142	210969	40.937	ng	99
38) 1-Methylnaphthalene	12.838	142	224301	43.815	ng	99
40) 1,2,4,5-Tetrachloroben...	12.984	216	179165	47.511	ng	98
41) Hexachlorocyclopentadiene	12.973	237	248491	91.932	ng	95
43) 2,4,6-Trichlorophenol	13.214	196	110713	50.022	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064761.D
 Acq On : 13 Nov 2025 18:03
 Operator : RC/JU
 Sample : Q3609-13MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 05:01:41 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 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.290	196	122020	49.155	ng	96
46) 1,1'-Biphenyl	13.619	154	332022	47.707	ng	99
47) 2-Chloronaphthalene	13.660	162	255638	46.624	ng	99
48) 2-Nitroaniline	13.848	65	89426	50.708	ng	98
49) Acenaphthylene	14.500	152	445030	47.510	ng	98
50) Dimethylphthalate	14.224	163	354945	46.371	ng	98
51) 2,6-Dinitrotoluene	14.336	165	73260	49.739	ng	96
52) Acenaphthene	14.841	154	299526	53.331	ng	97
53) 3-Nitroaniline	14.659	138	28081	19.317	ng	91
54) 2,4-Dinitrophenol	14.865	184	90395	88.565	ng	87
55) Dibenzofuran	15.170	168	436085	46.965	ng	98
56) 4-Nitrophenol	14.965	139	118861	103.055	ng	94
57) 2,4-Dinitrotoluene	15.117	165	109611	49.639	ng	# 99
58) Fluorene	15.816	166	336127	46.156	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.388	232	130327	53.212	ng	97
60) Diethylphthalate	15.576	149	339988	46.367	ng	99
61) 4-Chlorophenyl-phenyle...	15.805	204	198944	45.520	ng	100
62) 4-Nitroaniline	15.822	138	68243	45.314	ng	98
63) Azobenzene	16.093	77	320035	52.474	ng	98
65) 4,6-Dinitro-2-methylph...	15.875	198	69897	52.931	ng	97
66) n-Nitrosodiphenylamine	16.010	169	305958	49.112	ng	99
67) 4-Bromophenyl-phenylether	16.692	248	149757	47.948	ng	98
68) Hexachlorobenzene	16.815	284	180800	47.779	ng	97
69) Atrazine	16.950	200	144747	48.192	ng	98
70) Pentachlorophenol	17.150	266	223637	98.344	ng	99
71) Phenanthrene	17.550	178	620214	47.662	ng	100
72) Anthracene	17.638	178	631325	47.579	ng	100
73) Carbazole	17.896	167	554525	48.614	ng	100
74) Di-n-butylphthalate	18.449	149	596586	46.879	ng	99
75) Fluoranthene	19.541	202	823415	46.274	ng	100
77) Benzidine	19.706	184	327953	35.532	ng	99
78) Pyrene	19.900	202	857203	49.627	ng	99
80) Butylbenzylphthalate	20.769	149	290079	47.746	ng	98
81) Benzo(a)anthracene	21.733	228	992912	47.381	ng	100
82) 3,3'-Dichlorobenzidine	21.639	252	123633	16.029	ng	99
83) Chrysene	21.804	228	935178	47.335	ng	99
84) Bis(2-ethylhexyl)phtha...	21.633	149	416690	46.936	ng	100
85) Di-n-octyl phthalate	22.861	149	698909	45.543	ng	100
87) Indeno(1,2,3-cd)pyrene	28.748	276	1135467	50.564	ng	# 96
88) Benzo(b)fluoranthene	23.983	252	980391	47.133	ng	100
89) Benzo(k)fluoranthene	24.048	252	1006422	48.160	ng	99
90) Benzo(a)pyrene	24.865	252	933193	48.364	ng	99
91) Dibenzo(a,h)anthracene	28.813	278	934555	50.801	ng	95
92) Benzo(g,h,i)perylene	29.918	276	898319	50.739	ng	98

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

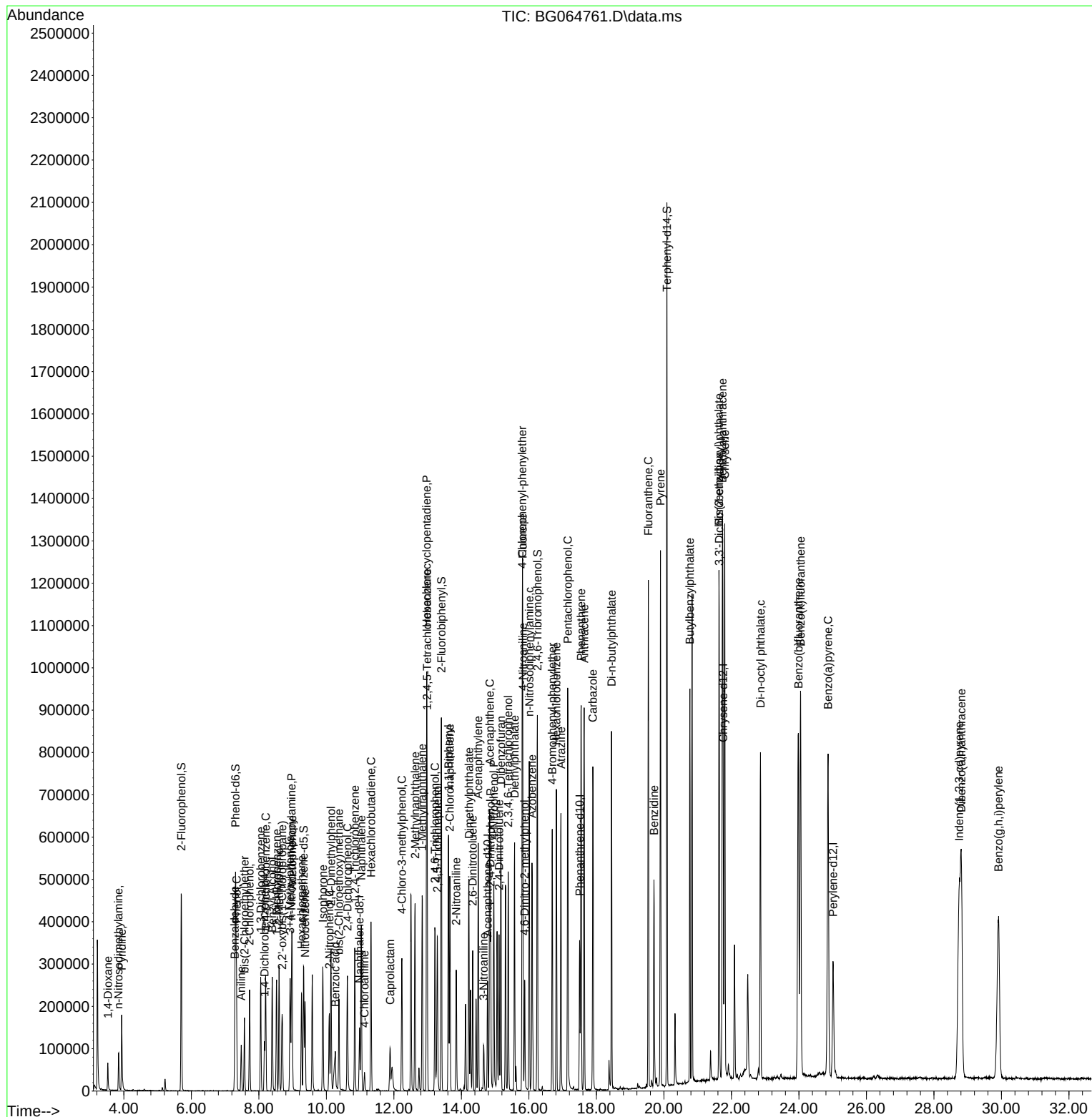
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Data File : BG064761.D
Acq On : 13 Nov 2025 18:03
Operator : RC/JU
Sample : Q3609-13MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

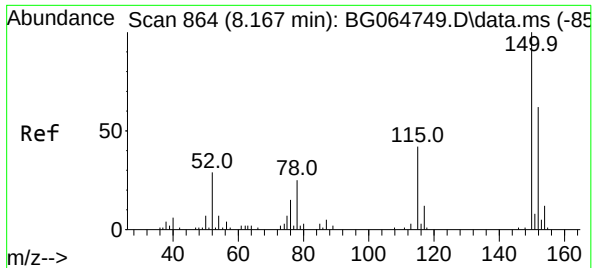
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS

Manual Integrations APPROVED

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

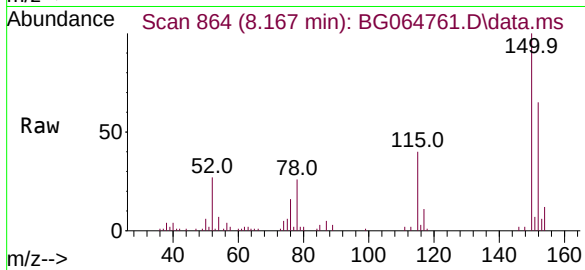
Quant Time: Nov 14 05:01:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.167 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

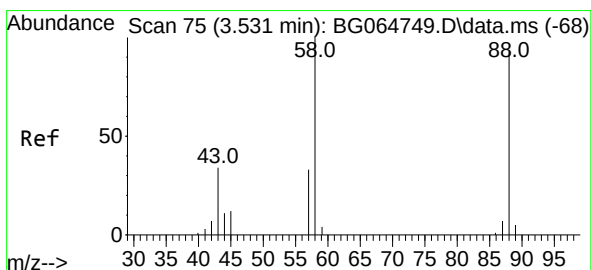
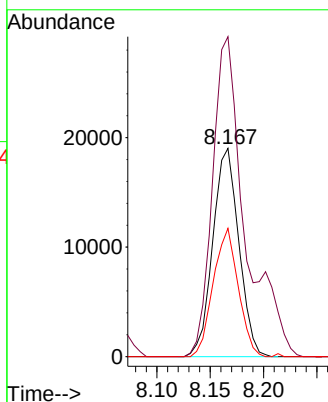
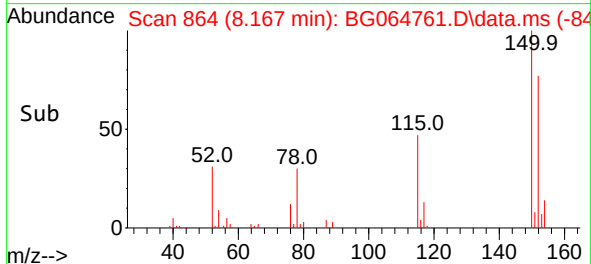
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:152 Resp: 32346
Ion Ratio Lower Upper
152 100
150 153.7 129.2 193.8
115 61.6 53.7 80.5

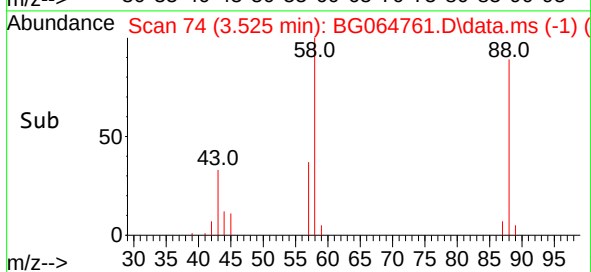
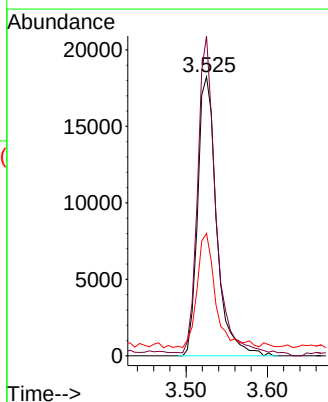
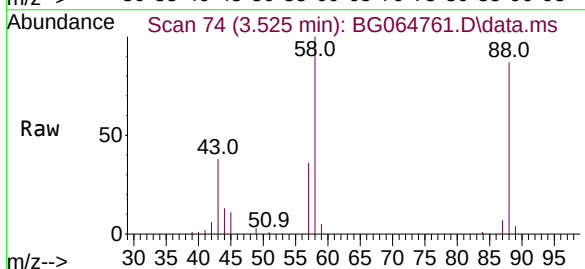
Manual Integrations
APPROVED

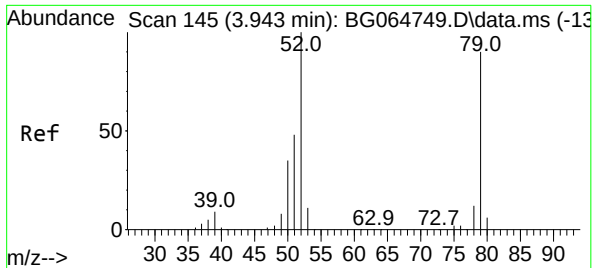
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 41.274 ng
RT: 3.525 min Scan# 74
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Tgt Ion: 88 Resp: 29598
Ion Ratio Lower Upper
88 100
58 112.1 84.6 126.8
43 39.5 30.0 45.0





#3

Pyridine

Concen: 38.255 ng

RT: 3.936 min Scan# 145

Delta R.T. -0.007 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

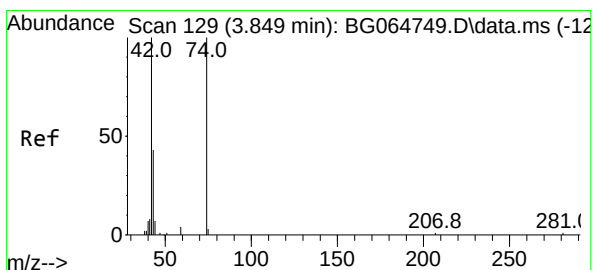
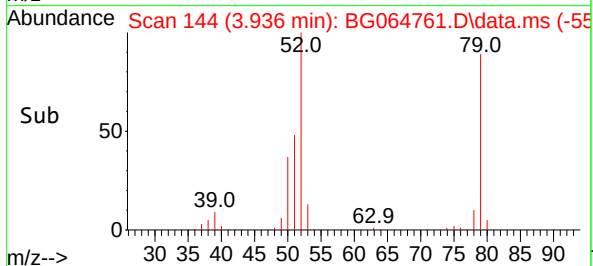
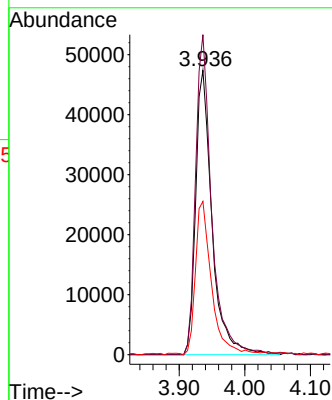
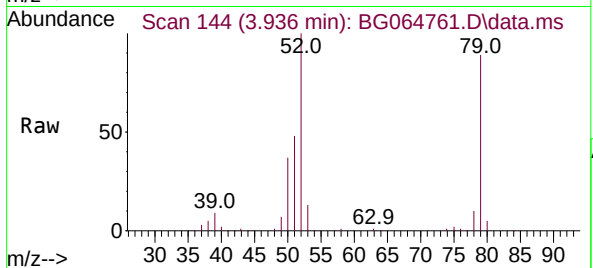
AU-713-COMP-05MS

Tgt Ion:	79	Resp:	81739
Ion	Ratio	Lower	Upper
79	100		
52	112.6	89.0	133.4
51	53.9	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: 46.382 ng

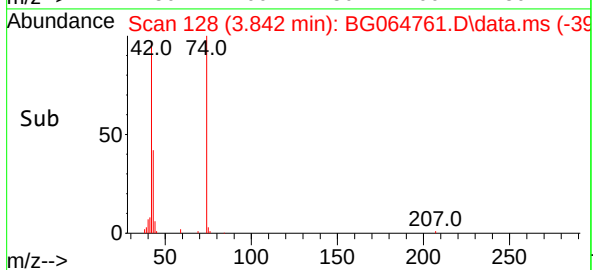
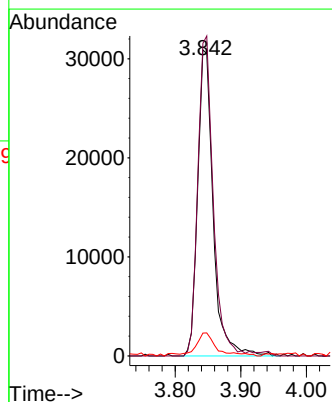
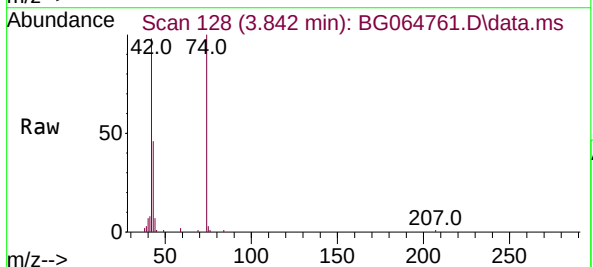
RT: 3.842 min Scan# 128

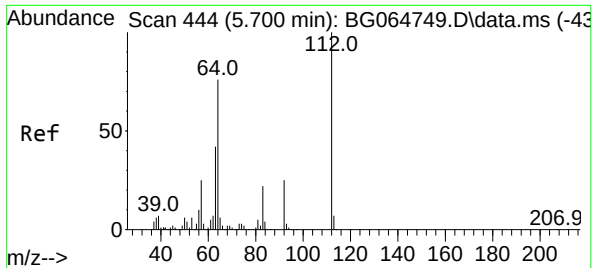
Delta R.T. -0.006 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

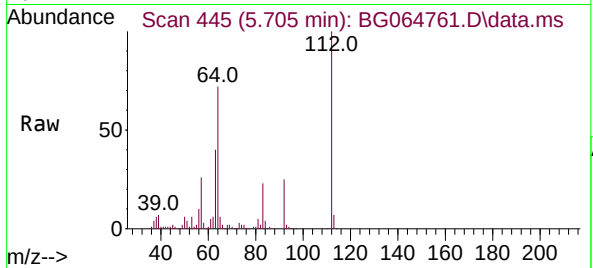
Tgt Ion:	42	Resp:	50440
Ion	Ratio	Lower	Upper
42	100		
74	102.2	79.8	119.6
44	7.5	5.9	8.9





#5
2-Fluorophenol
Concen: 104.189 ng
RT: 5.705 min Scan# 444
Delta R.T. 0.005 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

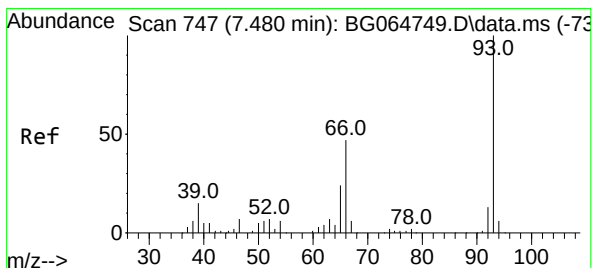
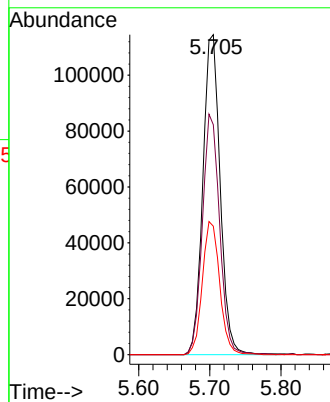
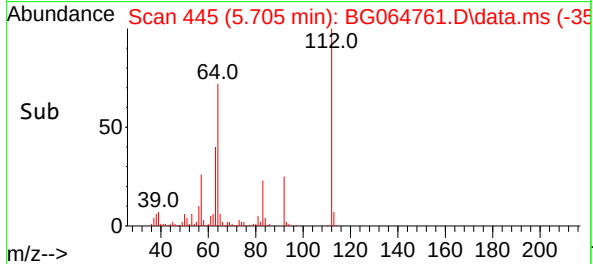
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion: 112 Resp: 192995
Ion Ratio Lower Upper
112 100
64 71.8 61.0 91.4
63 40.1 33.3 49.9

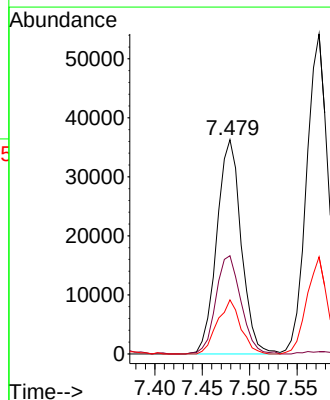
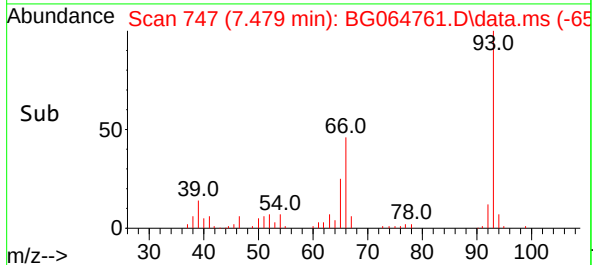
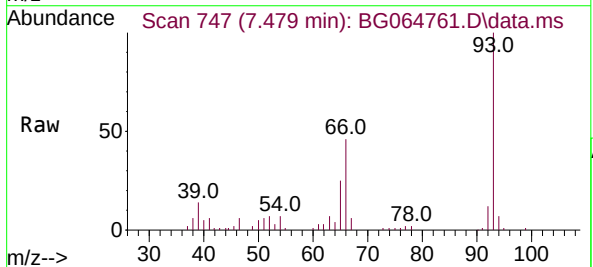
Manual Integrations
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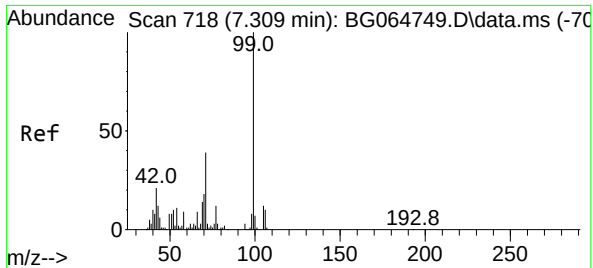
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 19.797 ng
RT: 7.479 min Scan# 747
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

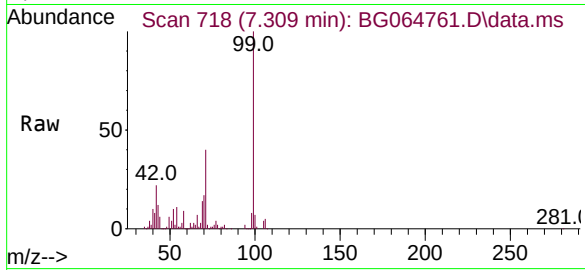
Tgt Ion: 93 Resp: 65013
Ion Ratio Lower Upper
93 100
66 45.8 37.7 56.5
65 25.2 19.1 28.7





#7
Phenol-d6
Concen: 106.796 ng
RT: 7.309 min Scan# 718
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

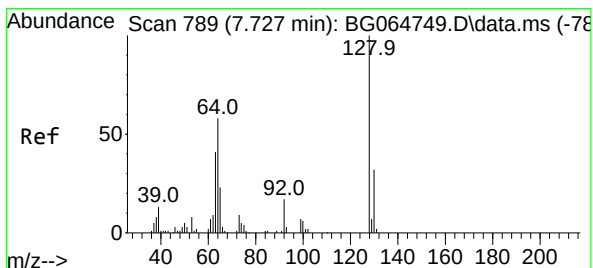
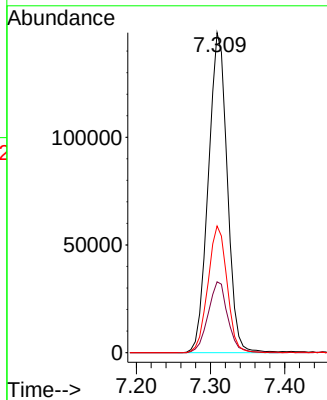
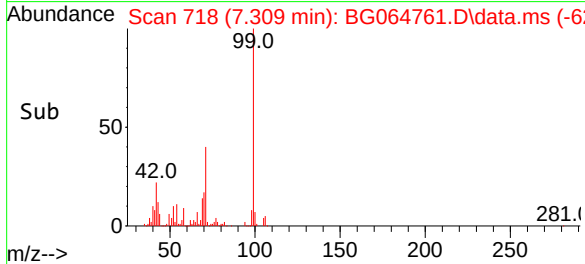
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion: 99 Resp: 26311
Ion Ratio Lower Upper
99 100
42 22.1 16.8 25.2
71 39.6 31.1 46.7

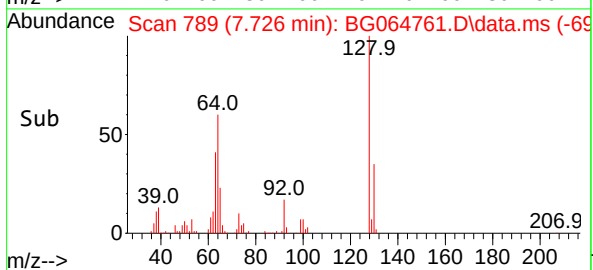
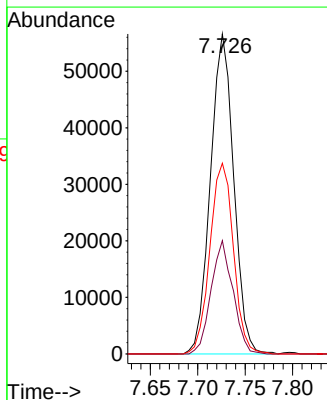
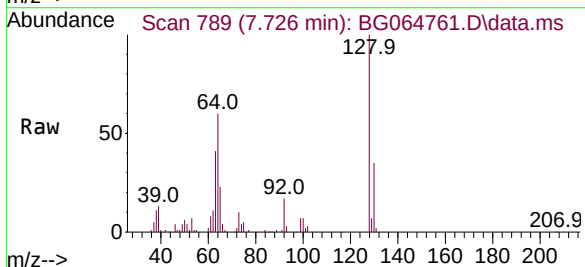
Manual Integrations
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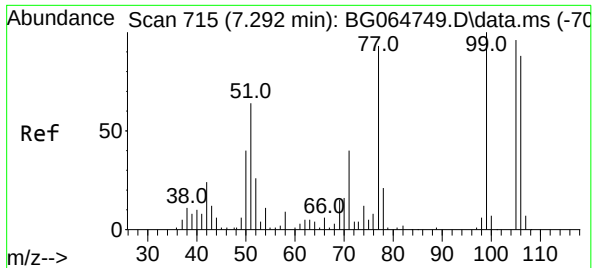
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#8
2-Chlorophenol
Concen: 47.509 ng
RT: 7.726 min Scan# 789
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Tgt Ion:128 Resp: 96630
Ion Ratio Lower Upper
128 100
130 35.4 11.9 51.9
64 59.6 38.4 78.4





#9

Benzaldehyde

Concen: 33.051 ng

RT: 7.285 min Scan# 715

Delta R.T. -0.007 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS

Tgt Ion: 77 Resp: 53303

Ion Ratio Lower Upper

77 100

105 96.9 83.8 123.8

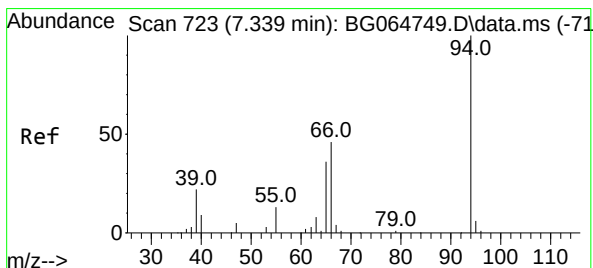
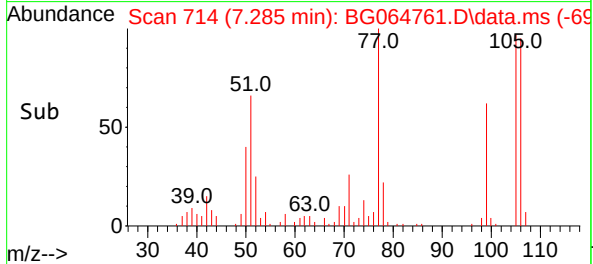
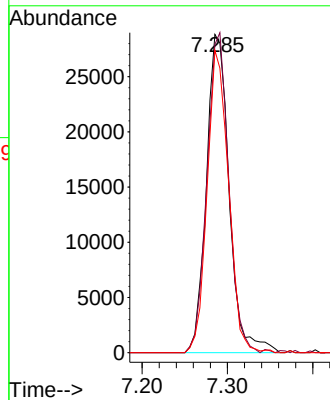
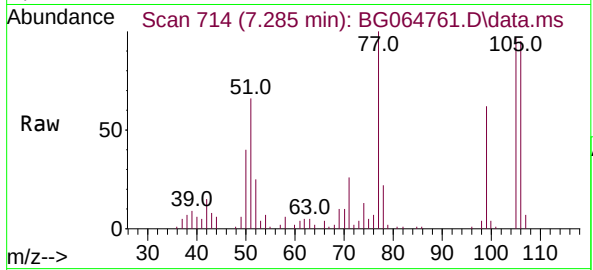
106 95.0 74.3 114.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 49.181 ng

RT: 7.338 min Scan# 723

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

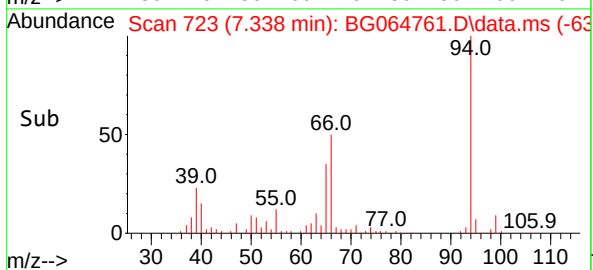
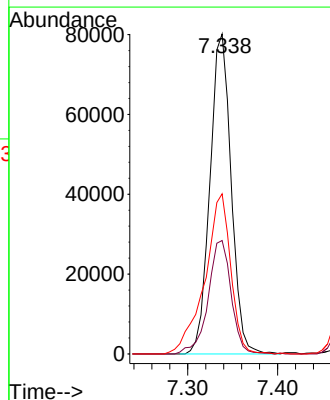
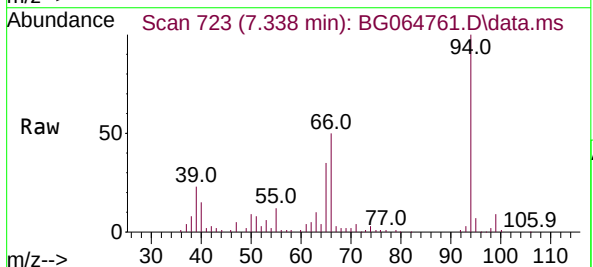
Tgt Ion: 94 Resp: 131835

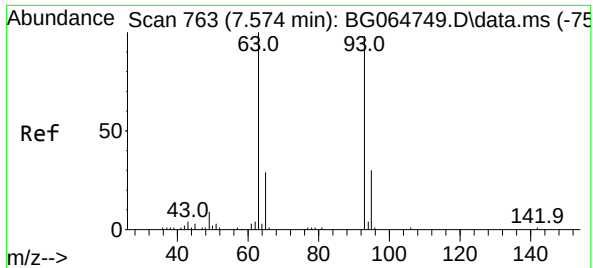
Ion Ratio Lower Upper

94 100

65 35.4 17.0 57.0

66 50.0 29.8 69.8





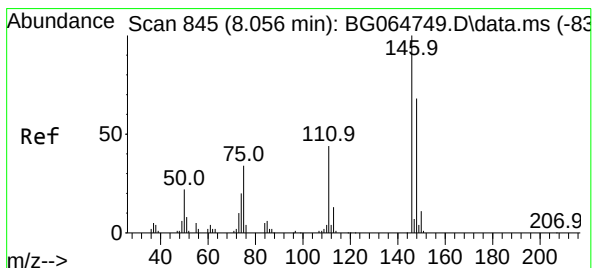
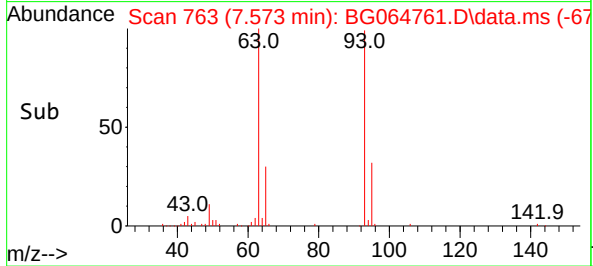
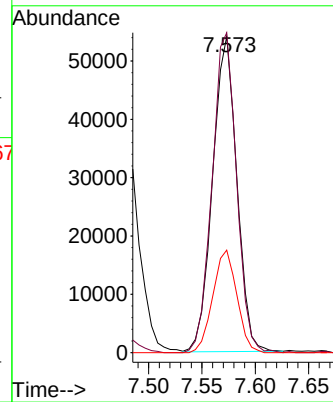
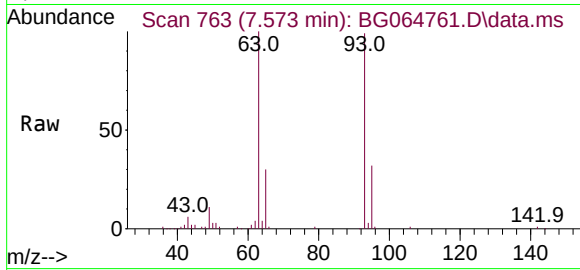
#11
bis(2-Chloroethyl)ether
Concen: 44.717 ng
RT: 7.573 min Scan# 763
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS

Tgt Ion: 93 Resp: 85297
Ion Ratio Lower Upper
93 100
63 101.2 81.8 121.8
95 32.4 10.3 50.3

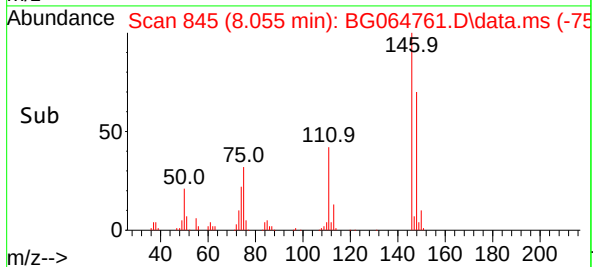
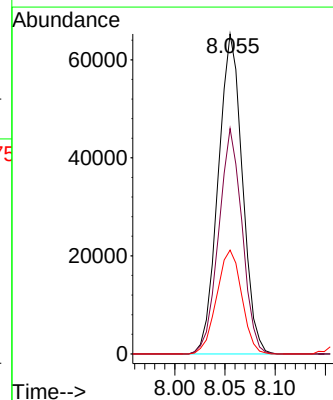
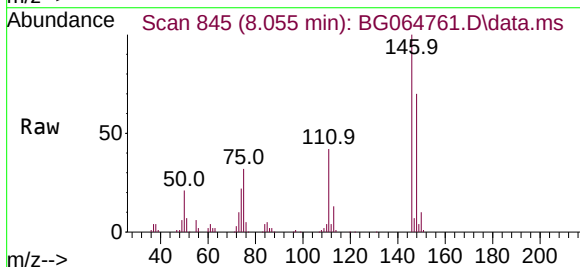
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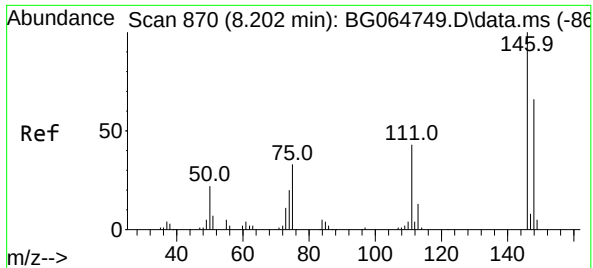
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 46.758 ng
RT: 8.055 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Tgt Ion:146 Resp: 109434
Ion Ratio Lower Upper
146 100
148 70.4 54.6 82.0
75 32.4 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.695 ng

RT: 8.202 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS

Tgt Ion:146 Resp: 113663

Ion Ratio Lower Upper

146 100

148 66.0 53.1 79.7

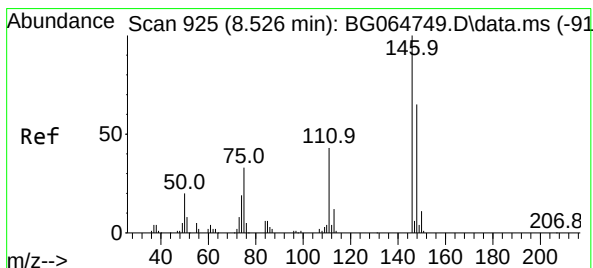
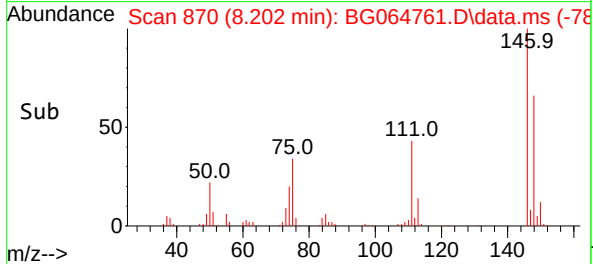
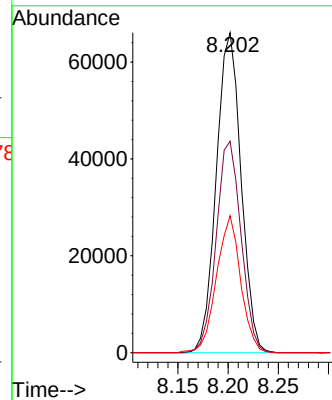
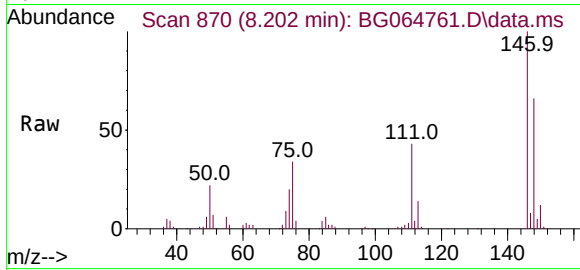
111 42.8 34.1 51.1

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: 46.887 ng

RT: 8.525 min Scan# 925

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

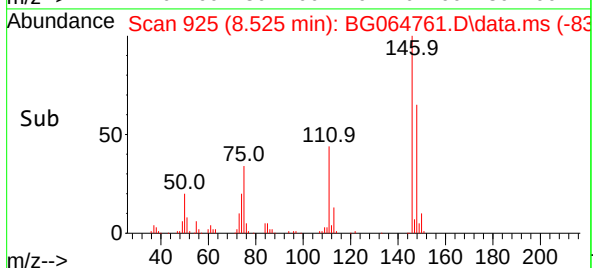
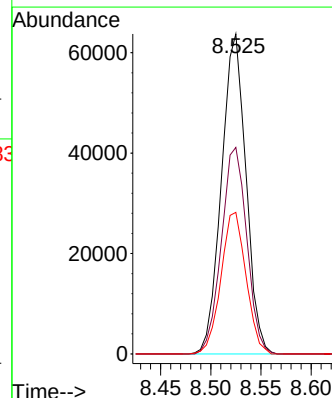
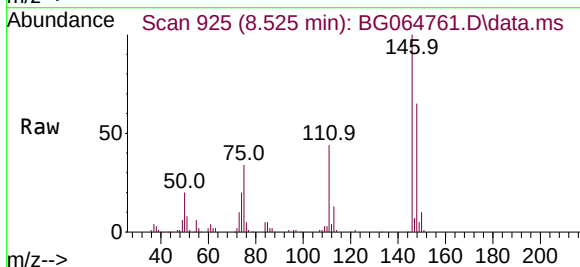
Tgt Ion:146 Resp: 108343

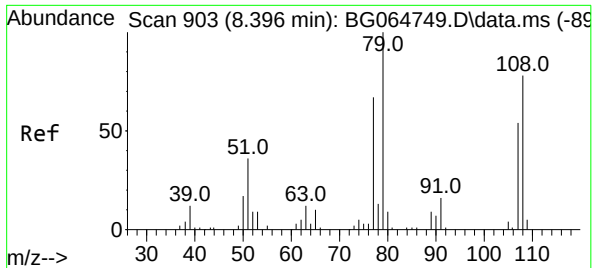
Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

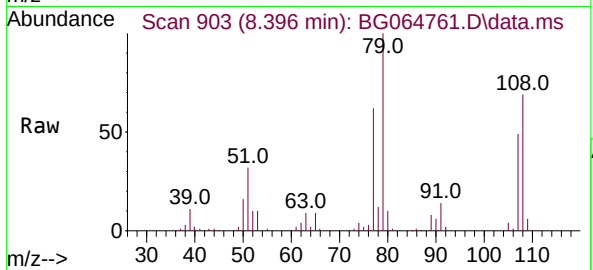
111 44.2 34.7 52.1





#15
Benzyl Alcohol
Concen: 48.056 ng
RT: 8.396 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

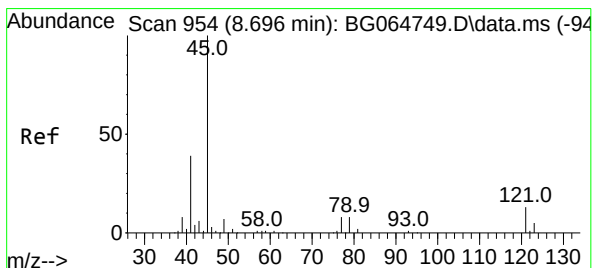
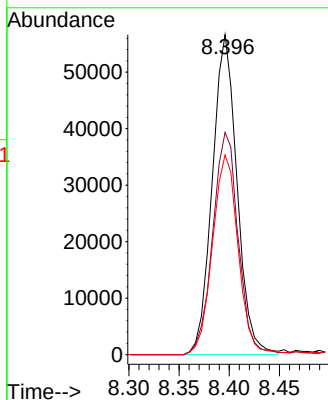
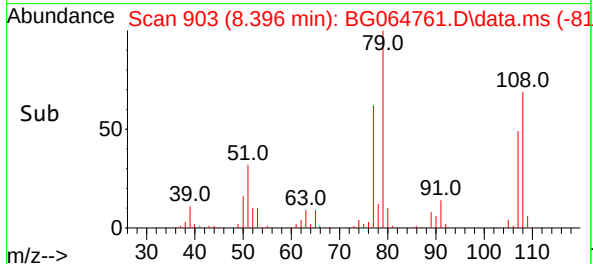
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion: 79 Resp: 97182
Ion Ratio Lower Upper
79 100
108 69.4 62.3 93.5
77 62.4 53.5 80.3

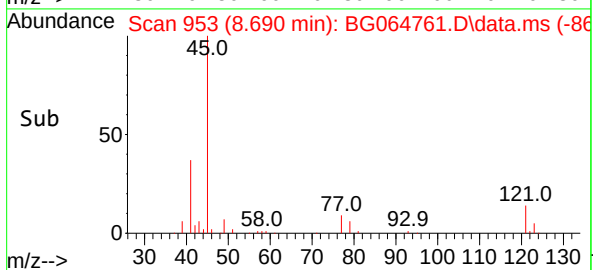
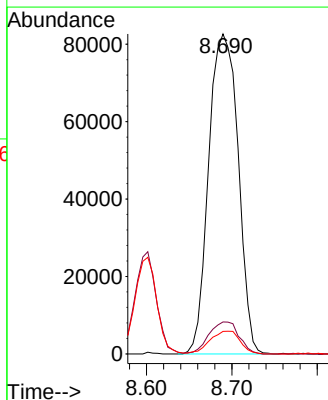
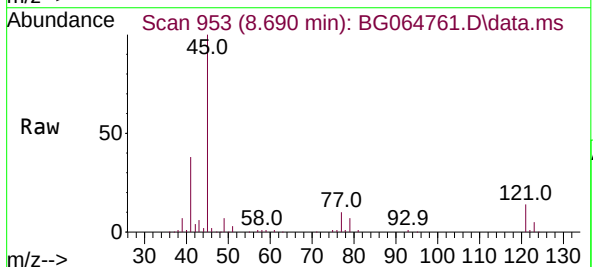
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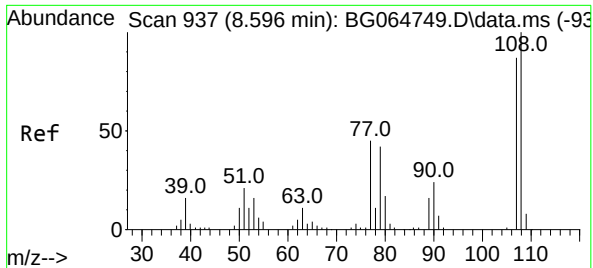
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.890 ng
RT: 8.690 min Scan# 953
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Tgt Ion: 45 Resp: 198163
Ion Ratio Lower Upper
45 100
77 10.0 0.0 28.8
79 7.0 0.0 28.1





#17

2-Methylphenol

Concen: 47.735 ng

RT: 8.596 min Scan# 91

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS

Tgt Ion:107 Resp: 90539

Ion Ratio Lower Upper

107 100

108 109.4 92.6 138.8

77 49.1 41.2 61.8

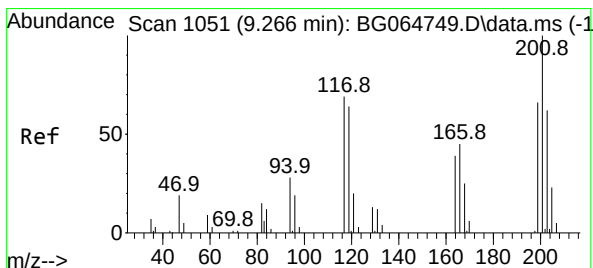
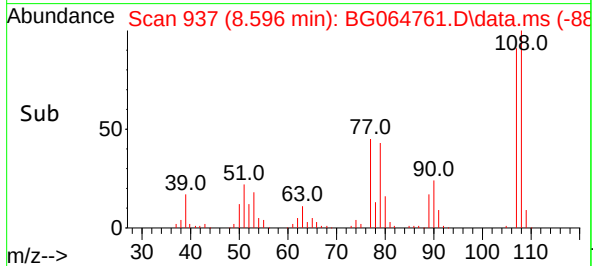
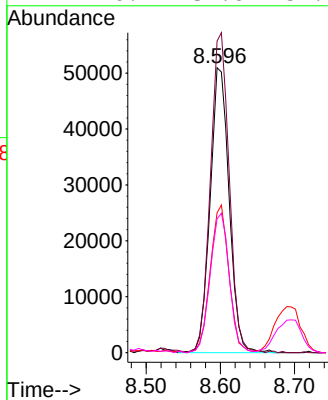
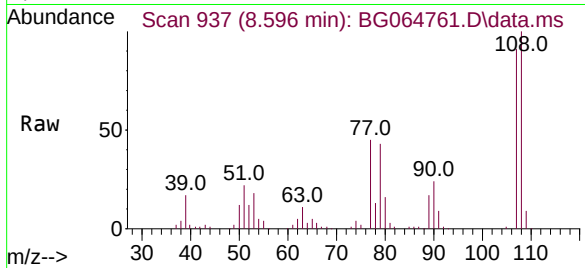
79 46.9 39.6 59.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 44.073 ng

RT: 9.259 min Scan# 1050

Delta R.T. -0.007 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

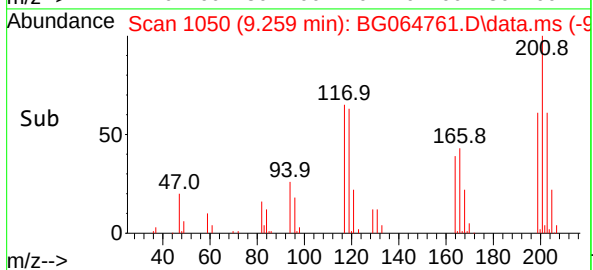
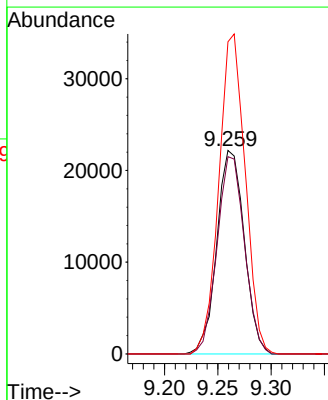
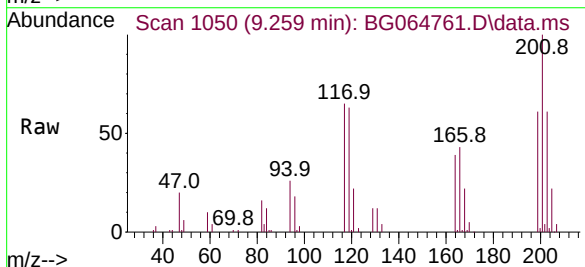
Tgt Ion:117 Resp: 39781

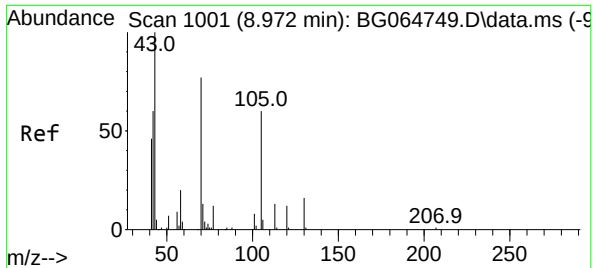
Ion Ratio Lower Upper

117 100

119 96.9 74.4 111.6

201 153.4 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.463 ng

RT: 8.966 min Scan# 1000

Delta R.T. -0.007 min

Lab File: BG064761.D

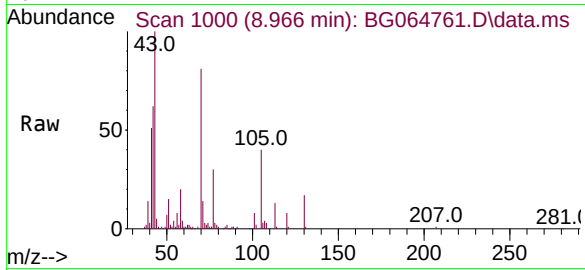
Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS



Tgt Ion: 70 Resp: 74068

Ion Ratio Lower Upper

70 100

42 75.9 62.6 93.8

101 9.7 8.0 12.0

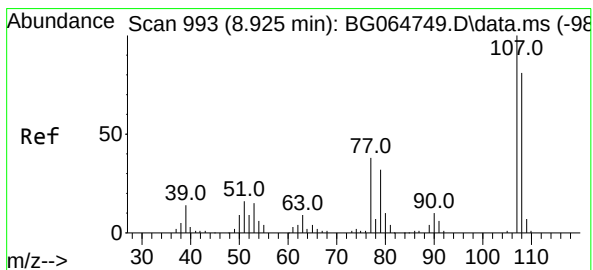
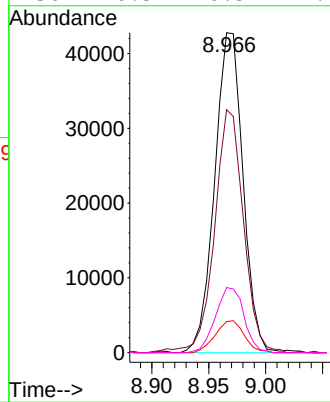
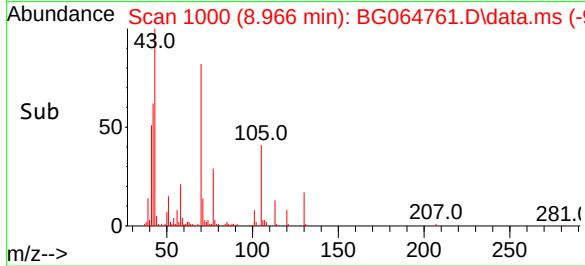
130 20.3 16.5 24.7

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Supervised By :Sohil Jodhani 11/14/2025



#20

3+4-Methylphenols

Concen: 47.289 ng

RT: 8.925 min Scan# 993

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

Tgt Ion:107 Resp: 122875

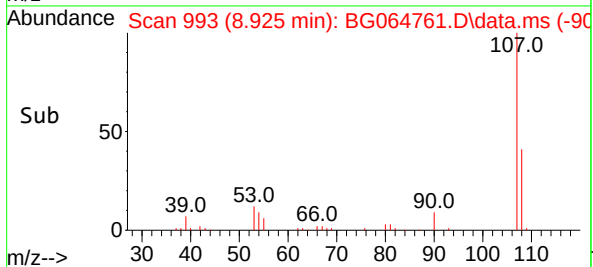
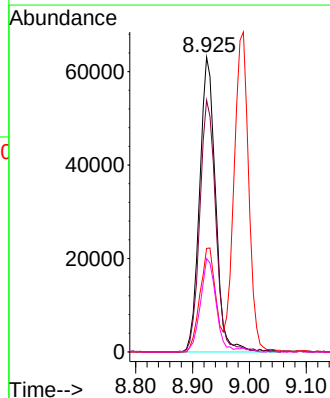
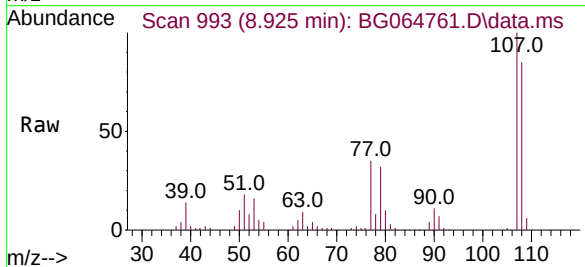
Ion Ratio Lower Upper

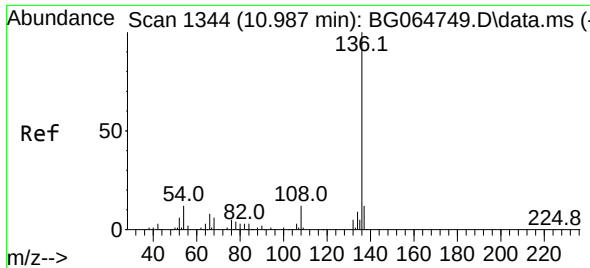
107 100

108 85.4 61.0 101.0

77 35.1 17.6 57.6

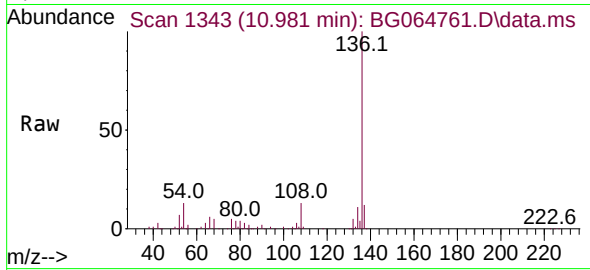
79 31.6 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

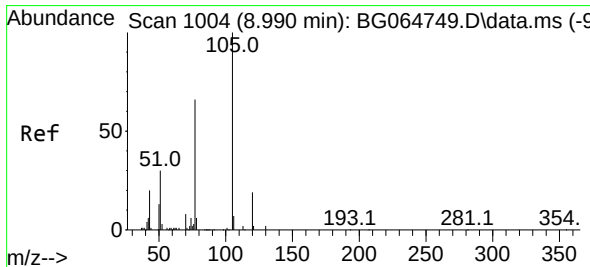
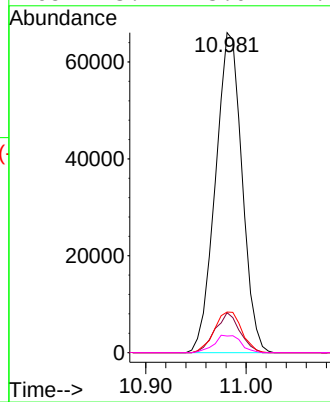
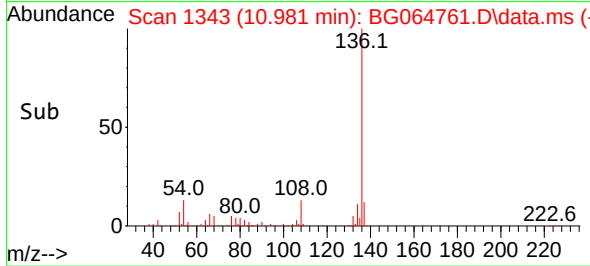
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:136 Resp: 121484
Ion Ratio Lower Upper
136 100
137 12.5 9.3 13.9
54 12.7 9.3 13.9
68 5.2 5.0 7.6

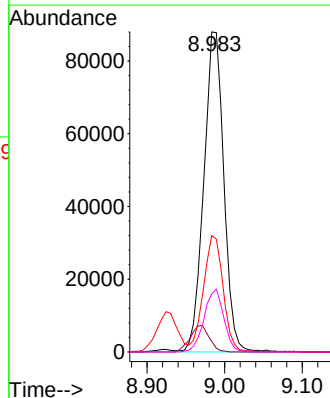
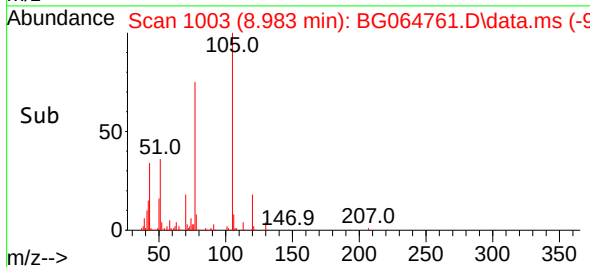
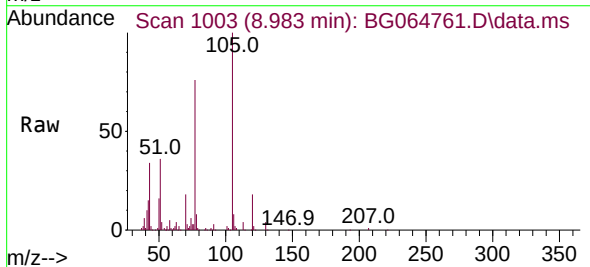
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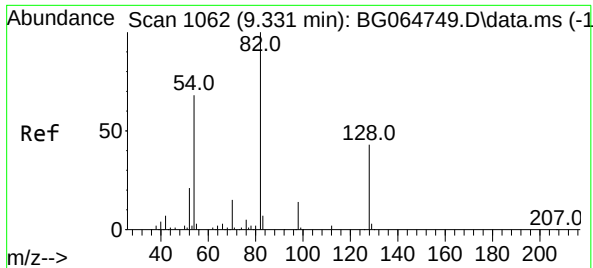
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 47.750 ng
RT: 8.983 min Scan# 1003
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Tgt Ion:105 Resp: 158040
Ion Ratio Lower Upper
105 100
71 3.3 1.3 1.9#
51 36.3 27.9 41.9
120 18.1 15.3 22.9





#23

Nitrobenzene-d5

Concen: 68.834 ng

RT: 9.324 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS

Tgt Ion: 82 Resp: 169130

Ion Ratio Lower Upper

82 100

128 40.8 34.1 51.1

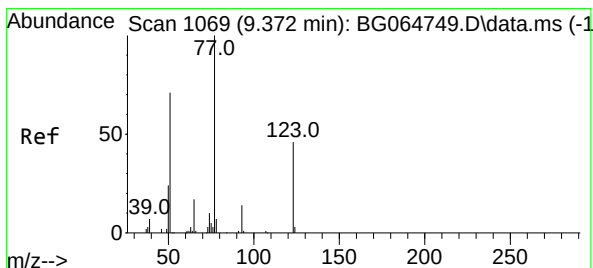
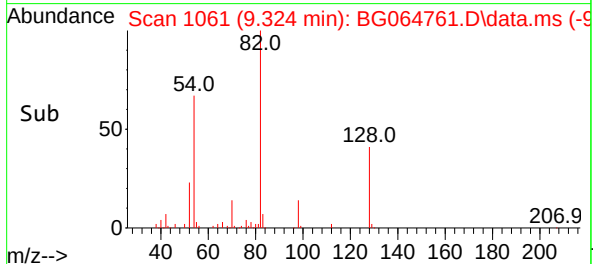
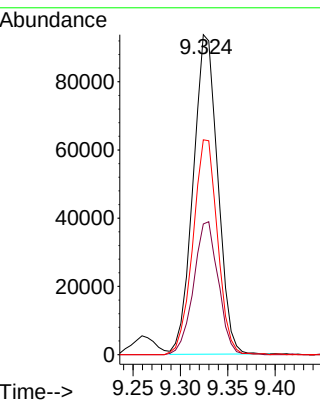
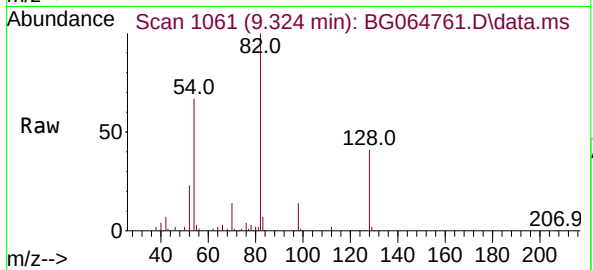
54 67.1 54.3 81.5

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#24

Nitrobenzene

Concen: 46.516 ng

RT: 9.371 min Scan# 1069

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

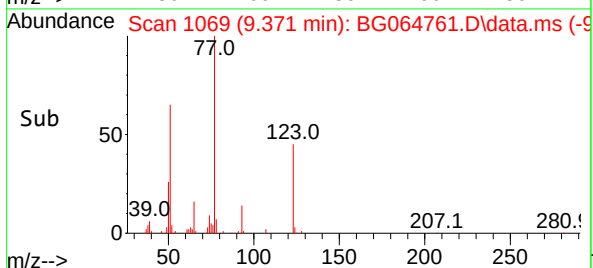
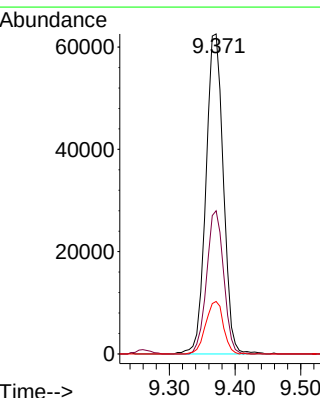
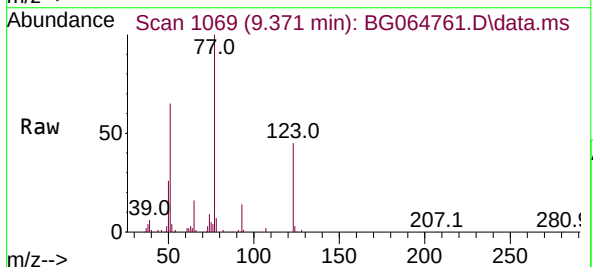
Tgt Ion: 77 Resp: 115483

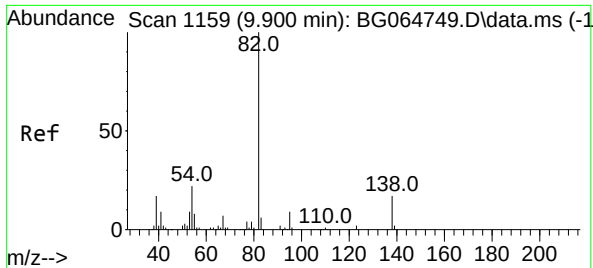
Ion Ratio Lower Upper

77 100

123 44.7 36.5 54.7

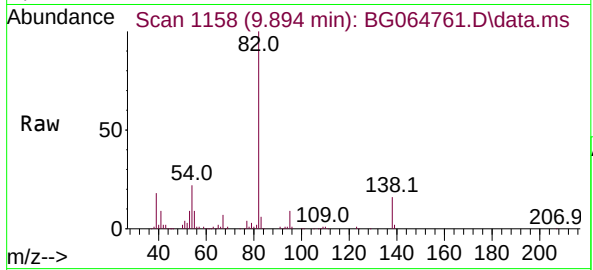
65 16.4 13.5 20.3





#25
Isophorone
Concen: 45.202 ng
RT: 9.894 min Scan# 1158
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

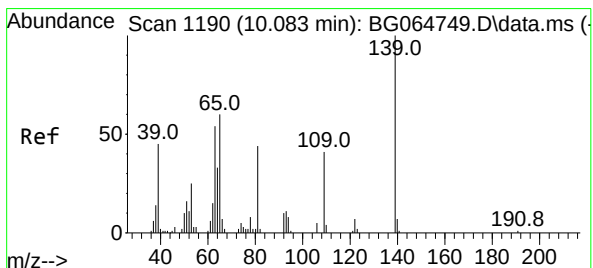
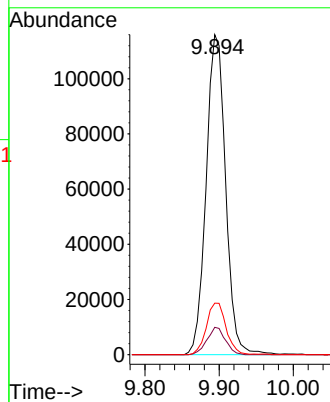
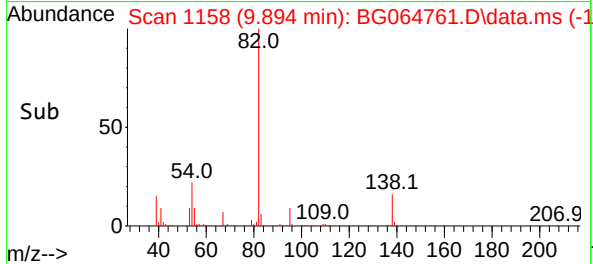
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion: 82 Resp: 211499
Ion Ratio Lower Upper
82 100
95 8.5 6.9 10.3
138 16.1 13.9 20.9

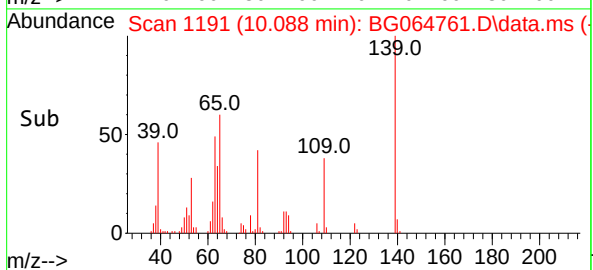
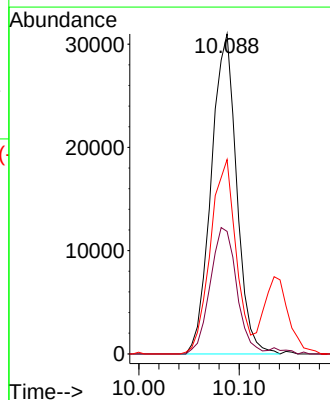
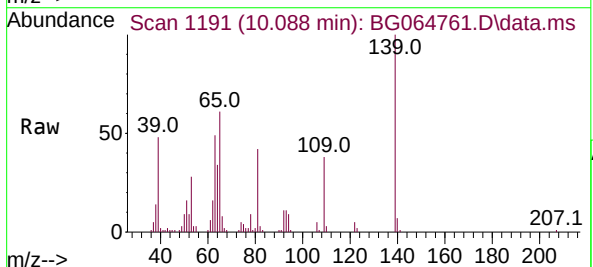
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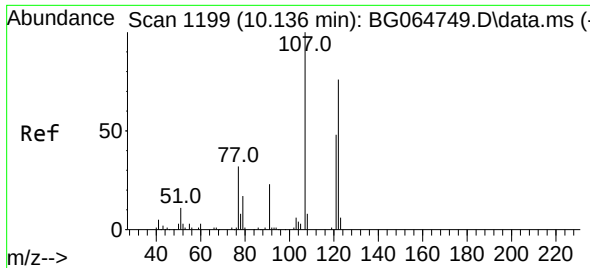
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 48.916 ng
RT: 10.088 min Scan# 1191
Delta R.T. 0.005 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

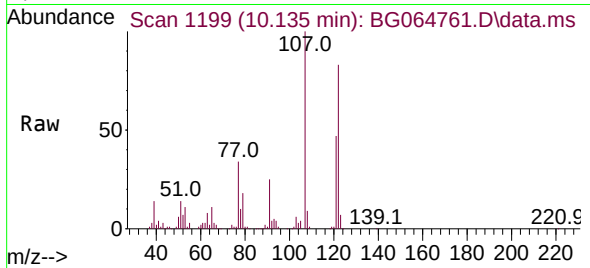
Tgt Ion:139 Resp: 54624
Ion Ratio Lower Upper
139 100
109 38.3 32.5 48.7
65 60.7 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 49.423 ng
RT: 10.135 min Scan# 1199
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

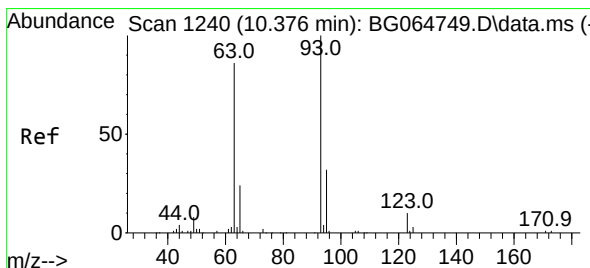
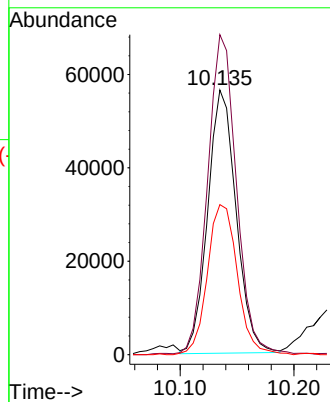
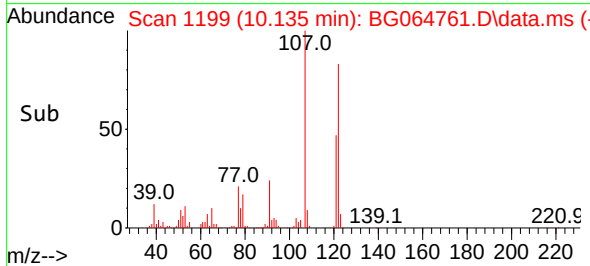
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:122 Resp: 98048
Ion Ratio Lower Upper
122 100
107 121.0 102.5 153.7
121 56.7 49.0 73.6

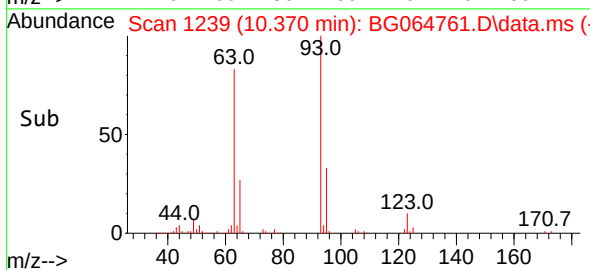
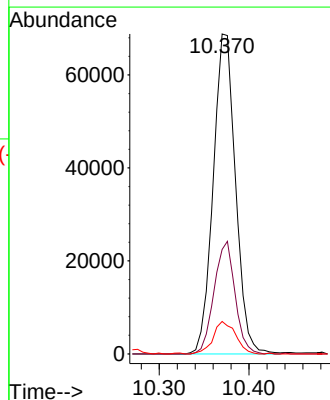
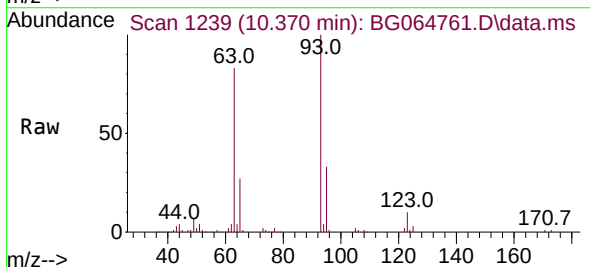
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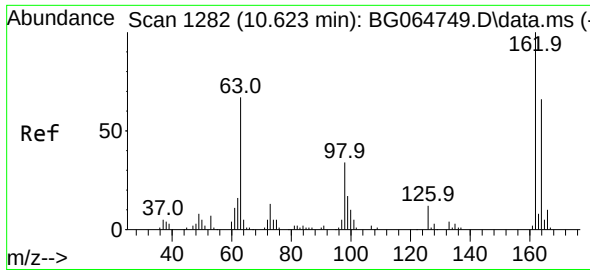
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#28
bis(2-Chloroethoxy)methane
Concen: 46.451 ng
RT: 10.370 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Tgt Ion: 93 Resp: 119321
Ion Ratio Lower Upper
93 100
95 32.6 25.4 38.2
123 10.1 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 50.661 ng

RT: 10.623 min Scan# 1319

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS

Tgt Ion:162 Resp: 107902

Ion Ratio Lower Upper

162 100

164 67.6 46.0 86.0

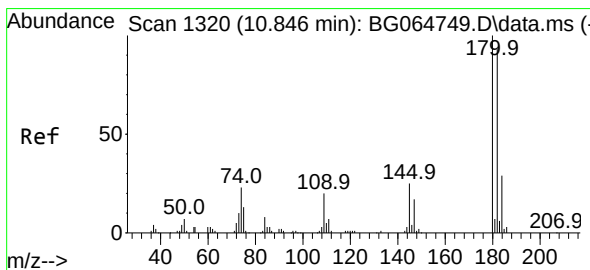
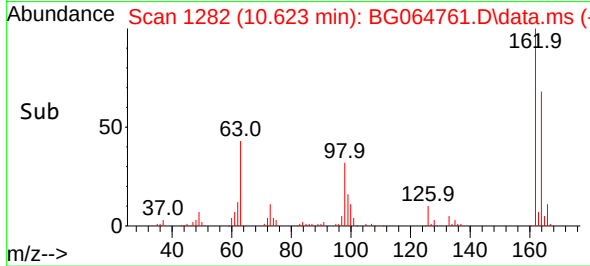
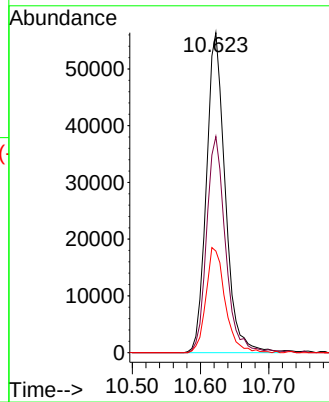
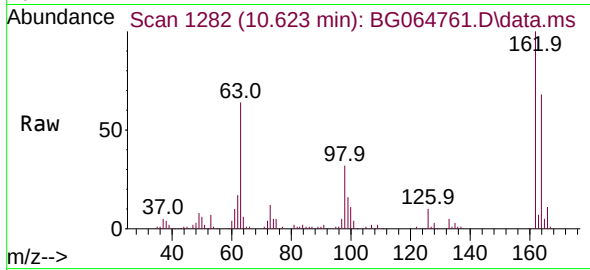
98 31.7 14.2 54.2

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.907 ng

RT: 10.840 min Scan# 1319

Delta R.T. -0.007 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

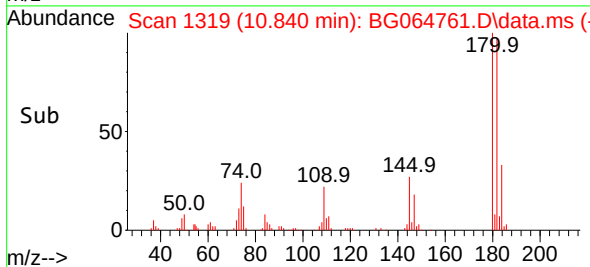
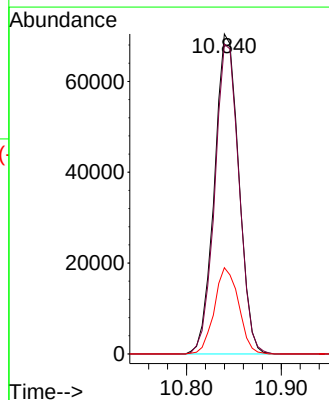
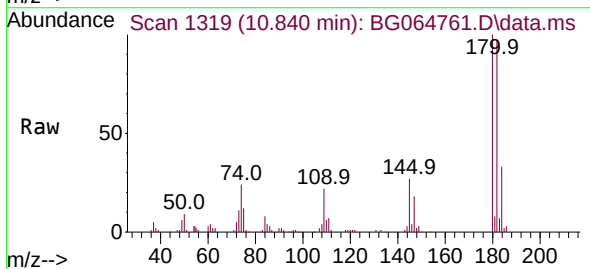
Tgt Ion:180 Resp: 125784

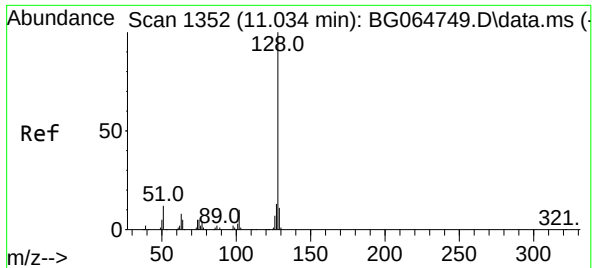
Ion Ratio Lower Upper

180 100

182 96.8 74.2 111.4

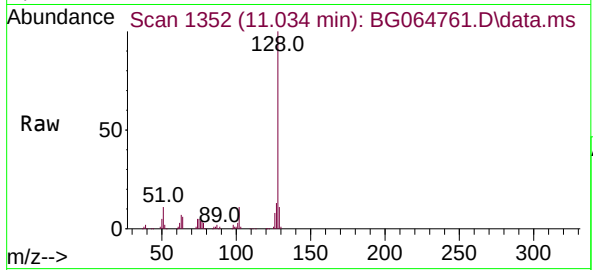
145 26.9 20.0 30.0





#31
Naphthalene
Concen: 45.959 ng
RT: 11.034 min Scan# 1352
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

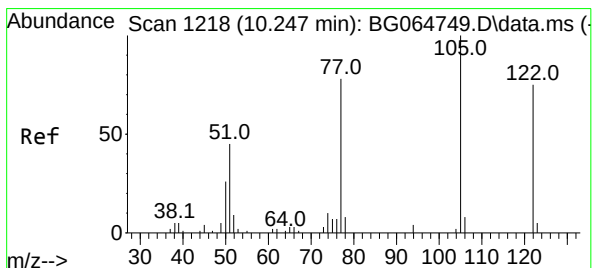
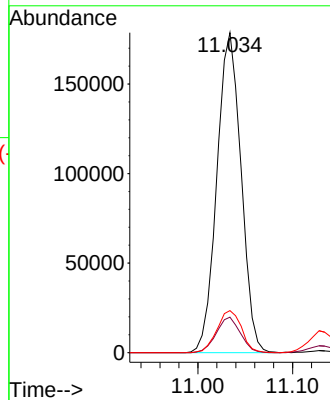
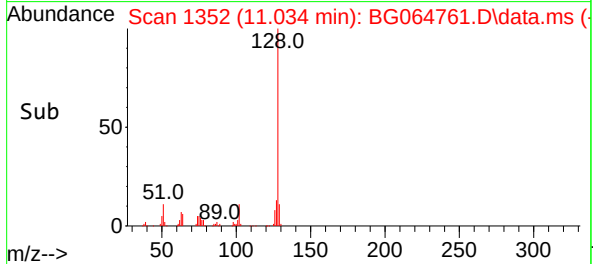
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:128 Resp: 31650
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.1 10.6 16.0

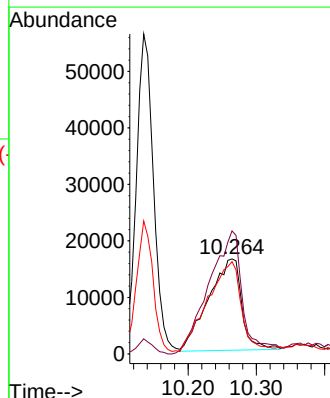
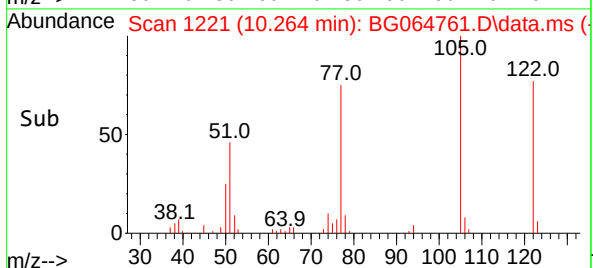
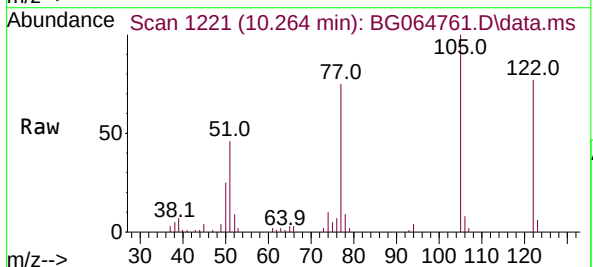
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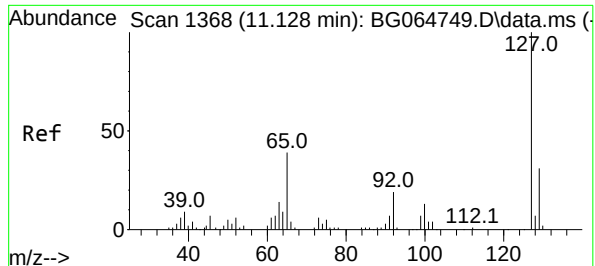
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 40.284 ng
RT: 10.264 min Scan# 1221
Delta R.T. 0.017 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Tgt Ion:122 Resp: 54895
Ion Ratio Lower Upper
122 100
105 129.4 107.6 147.6
77 97.0 82.5 122.5





#33

4-Chloroaniline

Concen: 9.175 ng

RT: 11.128 min Scan# 1368

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS

Tgt Ion:127 Resp: 2527

Ion Ratio Lower Upper

127 100

129 31.2 24.9 37.3

65 36.2 30.9 46.3

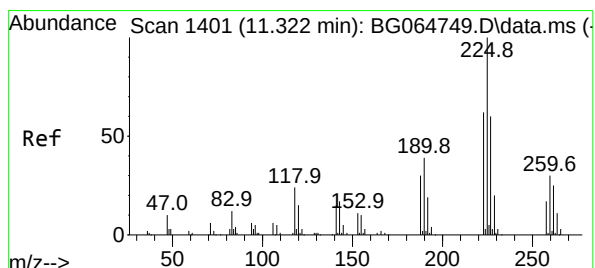
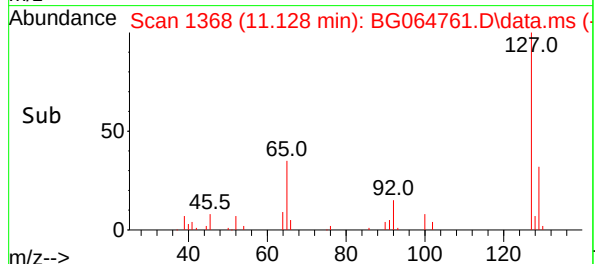
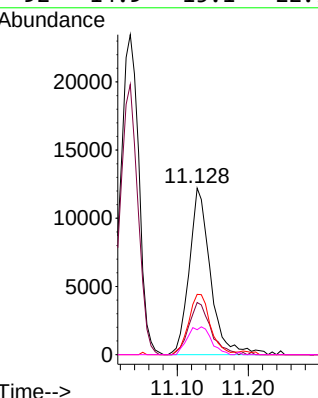
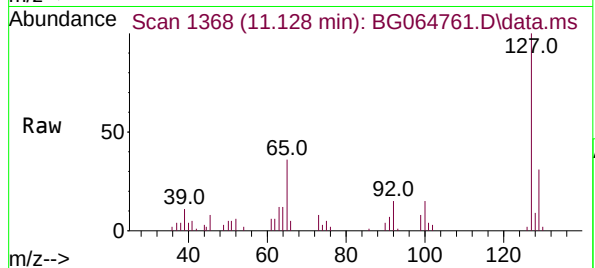
92 14.9 15.1 22.7#

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#34

Hexachlorobutadiene

Concen: 45.911 ng

RT: 11.322 min Scan# 1401

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

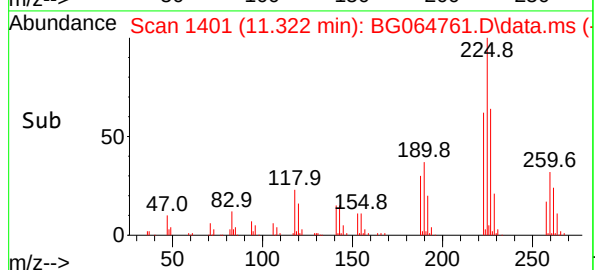
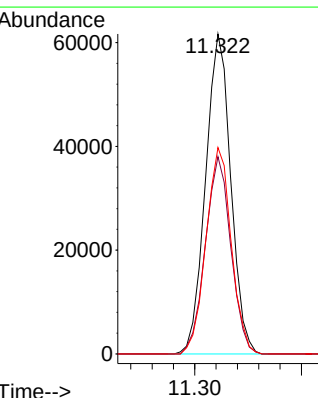
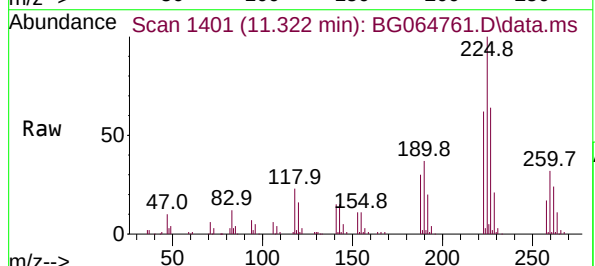
Tgt Ion:225 Resp: 101313

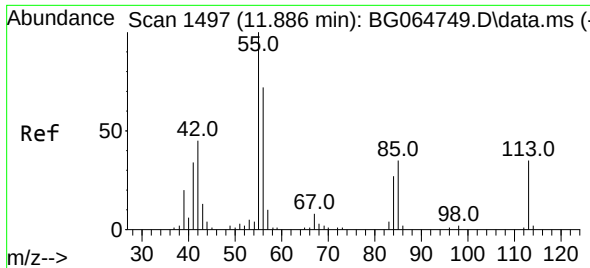
Ion Ratio Lower Upper

225 100

223 58.8 49.9 74.9

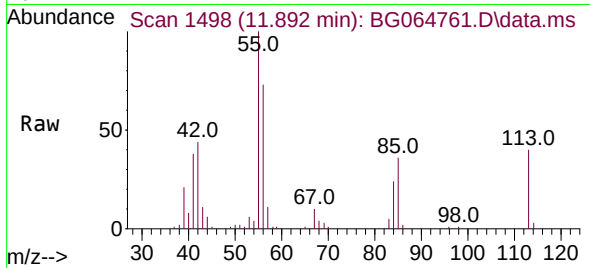
227 63.8 50.6 75.8





#35
Caprolactam
Concen: 51.988 ng m
RT: 11.892 min Scan# 1498
Delta R.T. 0.005 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

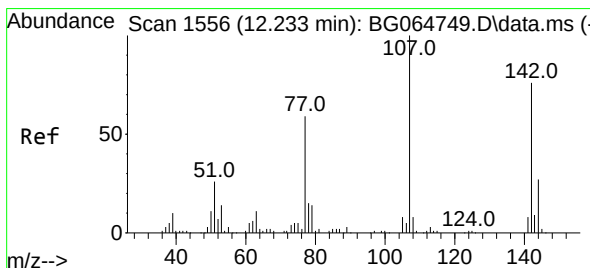
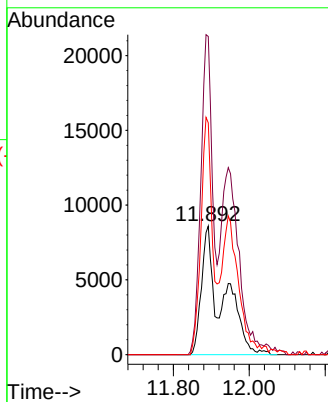
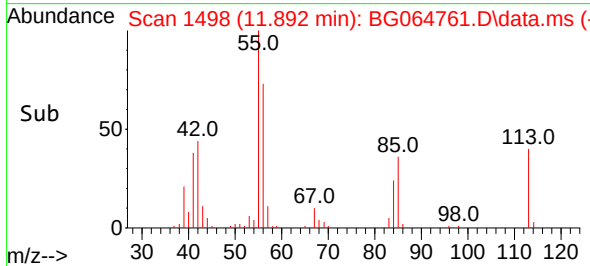
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:113 Resp: 33119
Ion Ratio Lower Upper
113 100
55 247.5 263.7 303.7
56 180.3 184.0 224.0

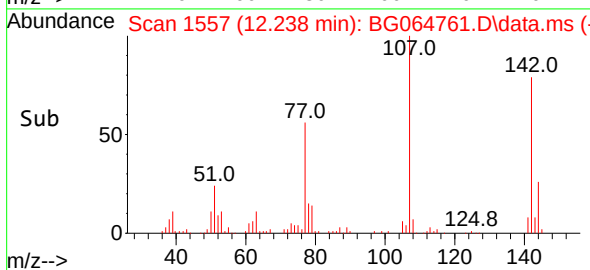
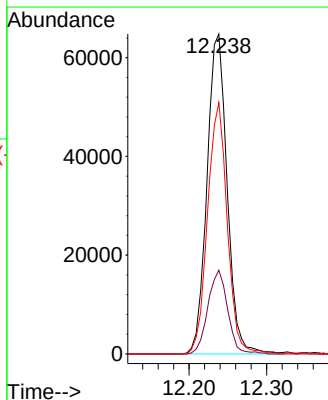
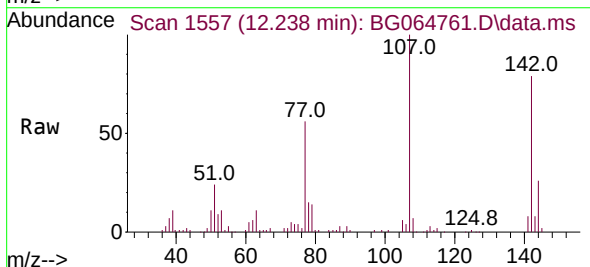
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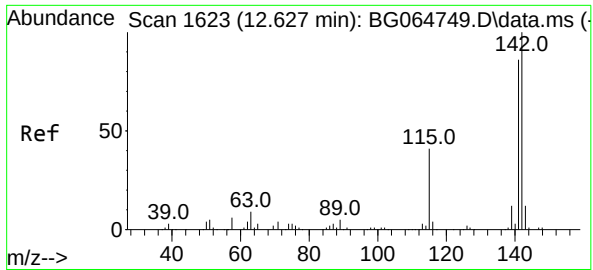
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#36
4-Chloro-3-methylphenol
Concen: 49.249 ng
RT: 12.238 min Scan# 1557
Delta R.T. 0.005 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

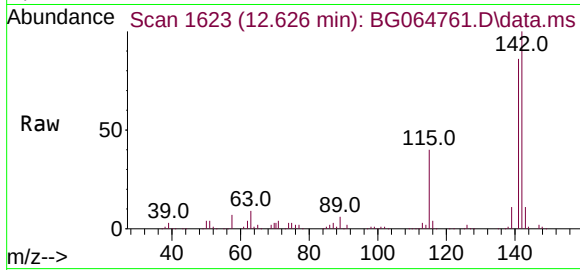
Tgt Ion:107 Resp: 116752
Ion Ratio Lower Upper
107 100
144 26.2 21.7 32.5
142 78.5 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.937 ng
RT: 12.626 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

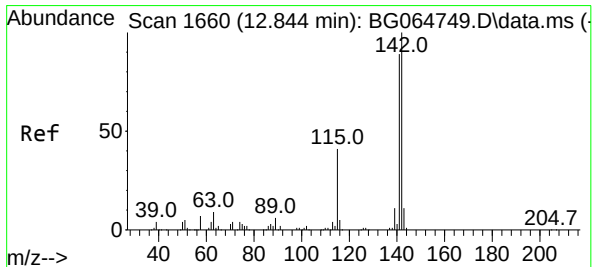
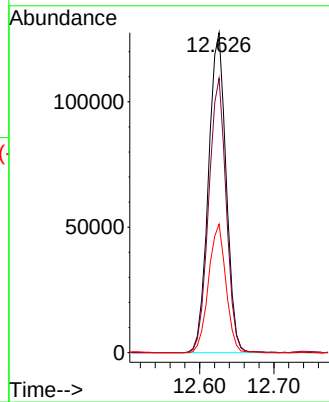
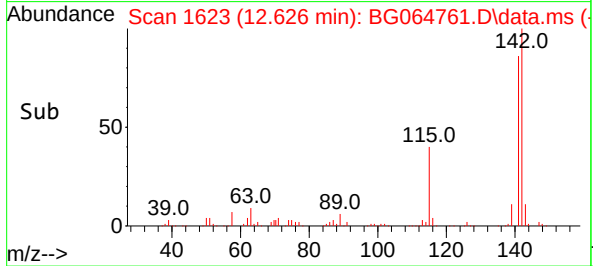
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



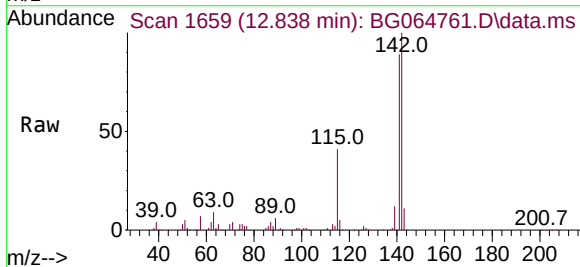
Tgt Ion:142 Resp: 210969
Ion Ratio Lower Upper
142 100
141 85.7 69.1 103.7
115 40.1 32.9 49.3

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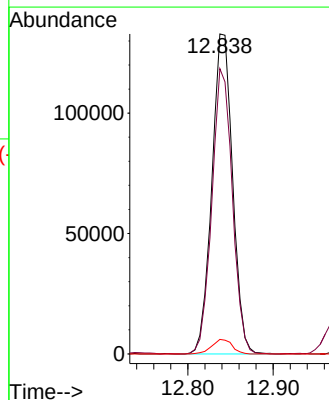
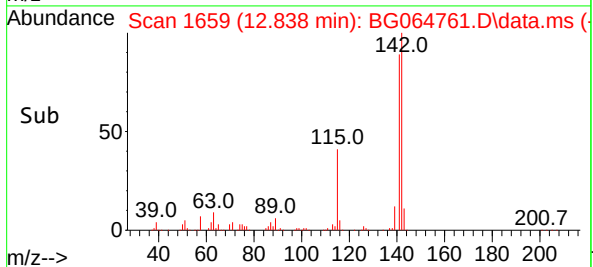
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

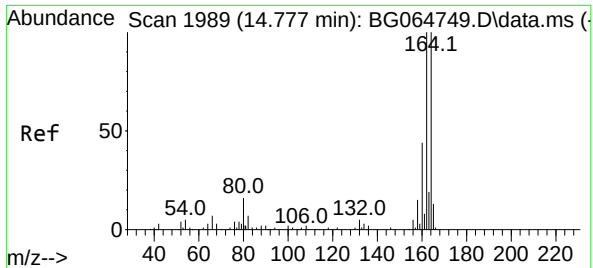


#38
1-Methylnaphthalene
Concen: 43.815 ng
RT: 12.838 min Scan# 1659
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03



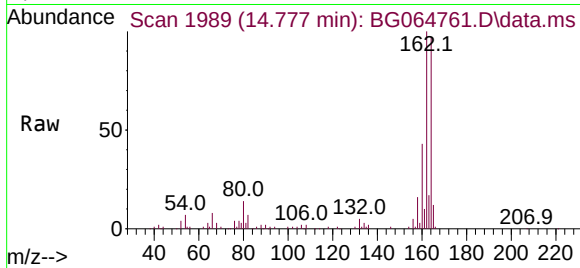
Tgt Ion:142 Resp: 224301
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2
116 4.5 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 1989
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

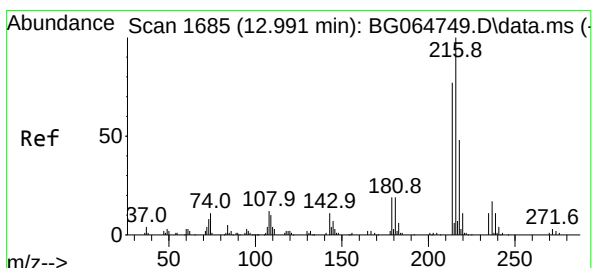
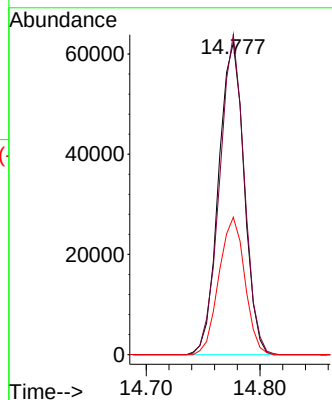
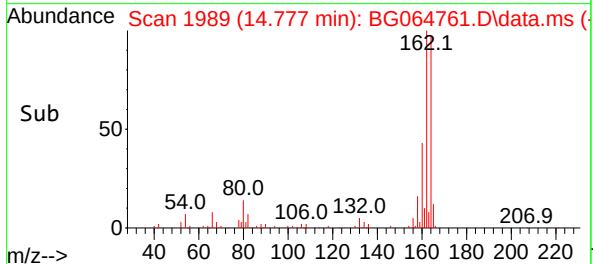
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:164 Resp: 96899
Ion Ratio Lower Upper
164 100
162 102.6 79.8 119.6
160 44.0 34.9 52.3

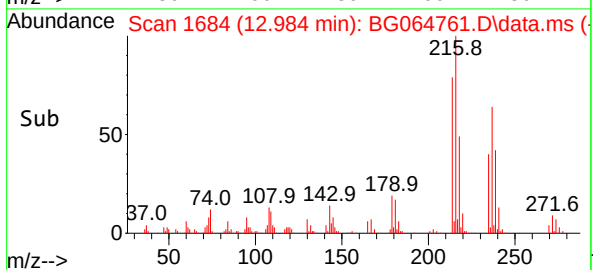
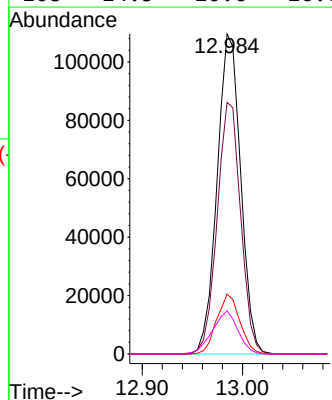
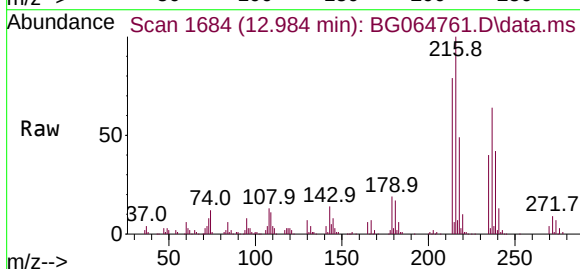
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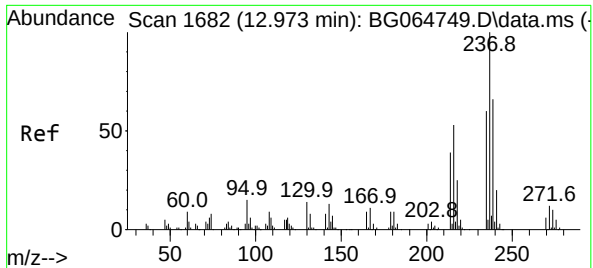
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.511 ng
RT: 12.984 min Scan# 1684
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

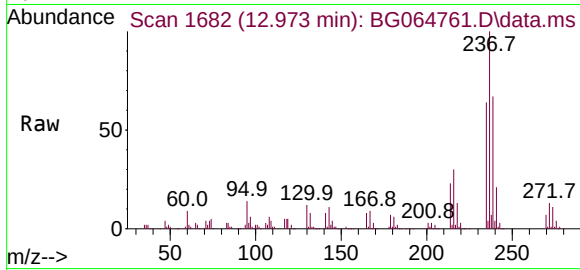
Tgt Ion:216 Resp: 179165
Ion Ratio Lower Upper
216 100
214 78.1 60.5 90.7
179 18.3 14.7 22.1
108 14.5 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 91.932 ng
RT: 12.973 min Scan# 1682
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

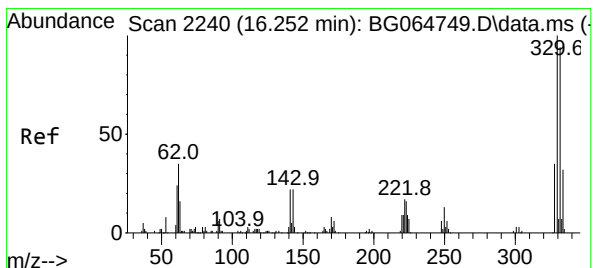
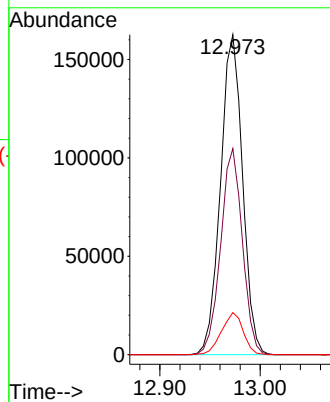
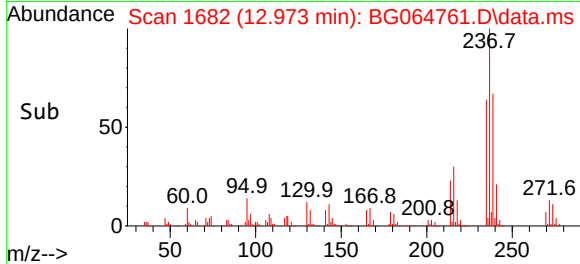
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



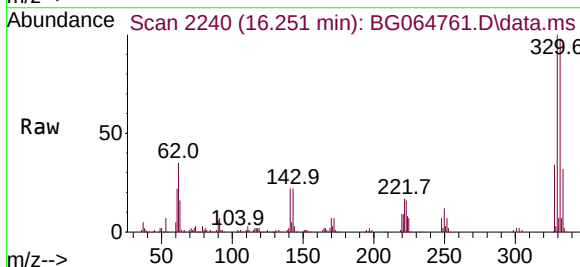
Tgt Ion:237 Resp: 248491
Ion Ratio Lower Upper
237 100
235 64.4 40.2 80.2
272 13.1 0.0 31.9

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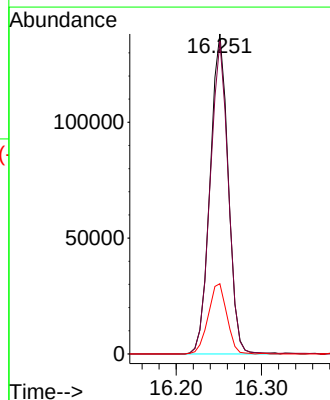
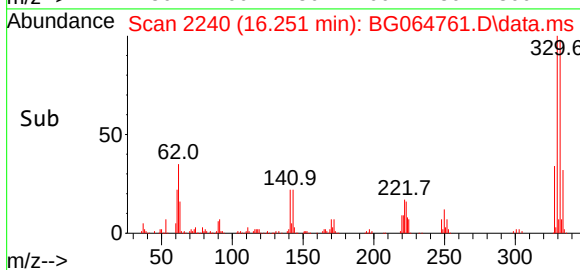
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

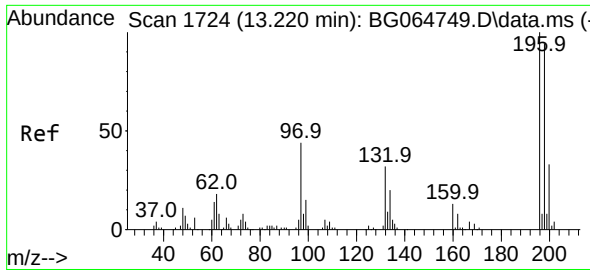


#42
2,4,6-Tribromophenol
Concen: 107.682 ng
RT: 16.251 min Scan# 2240
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03



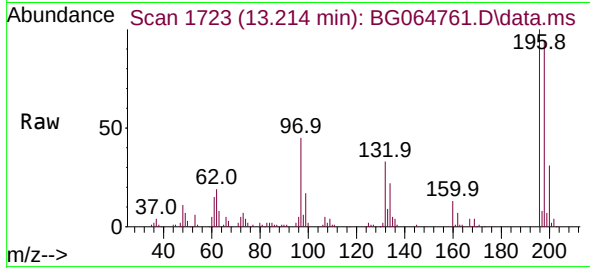
Tgt Ion:330 Resp: 203500
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 22.5 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 50.022 ng
RT: 13.214 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

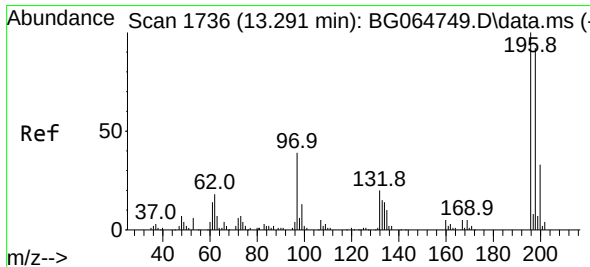
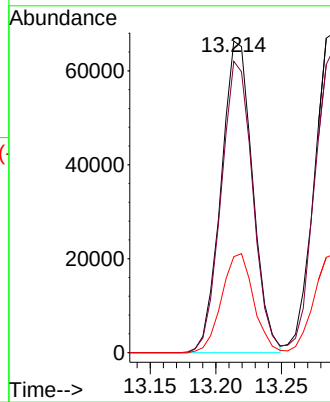
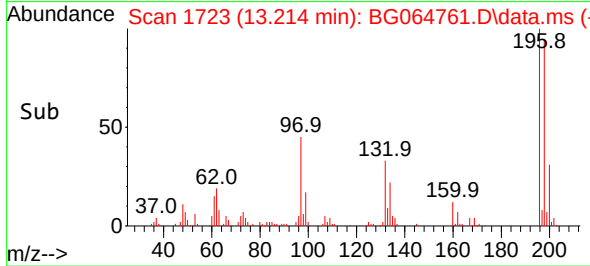
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



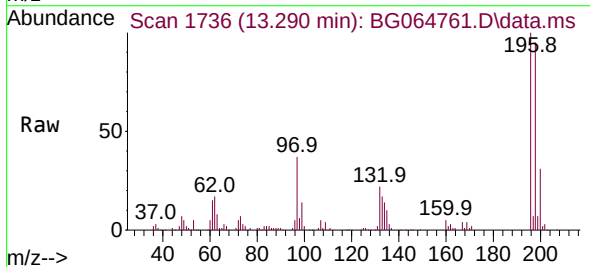
Tgt Ion:196 Resp: 110713
Ion Ratio Lower Upper
196 100
198 93.5 75.3 112.9
200 30.8 26.2 39.2

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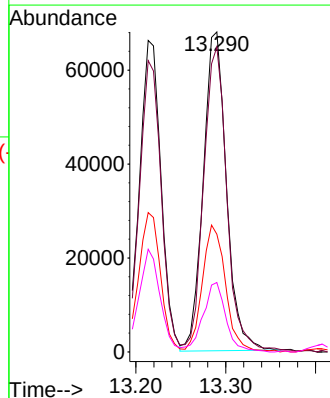
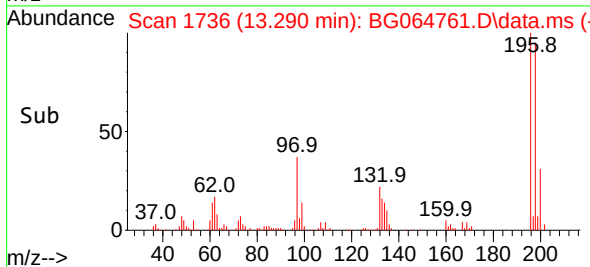
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

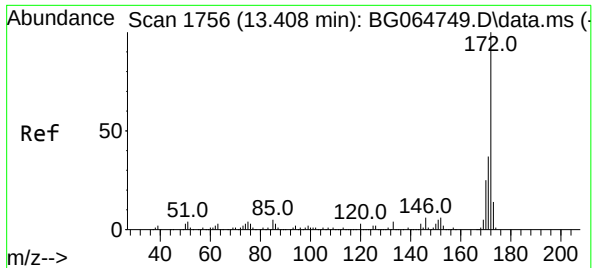


#44
2,4,5-Trichlorophenol
Concen: 49.155 ng
RT: 13.290 min Scan# 1736
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03



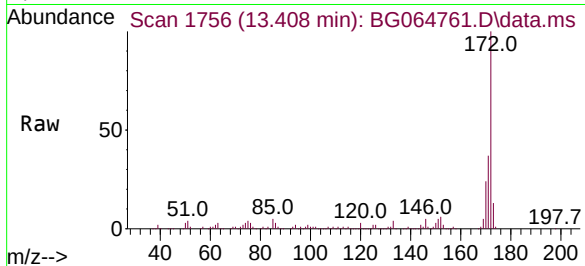
Tgt Ion:196 Resp: 122020
Ion Ratio Lower Upper
196 100
198 95.3 73.2 109.8
97 36.8 31.4 47.0
132 21.7 15.9 23.9





#45
2-Fluorobiphenyl
Concen: 67.907 ng
RT: 13.408 min Scan# 1756
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

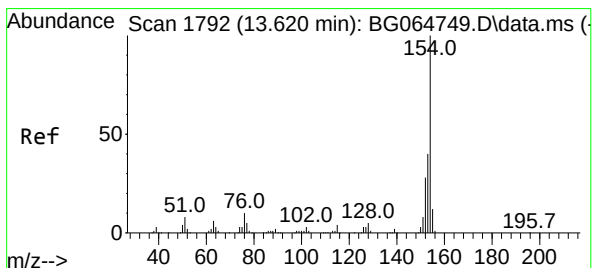
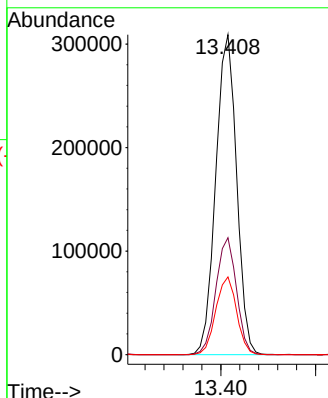
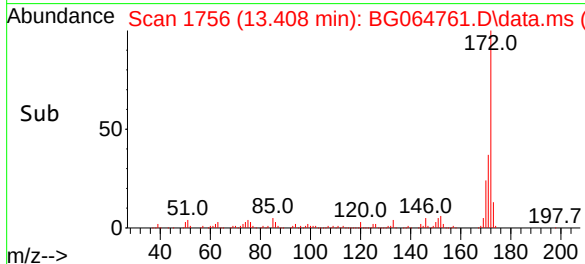
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



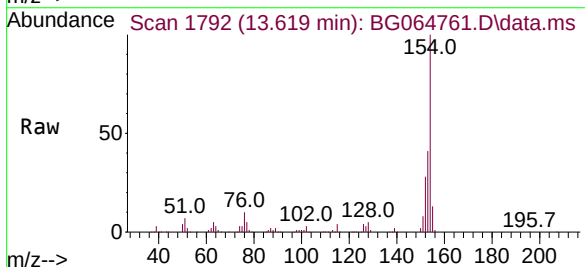
Tgt Ion:172 Resp: 471586
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.3 19.8 29.6

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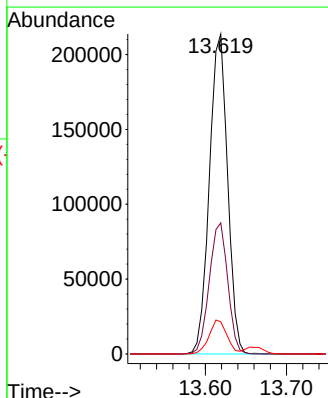
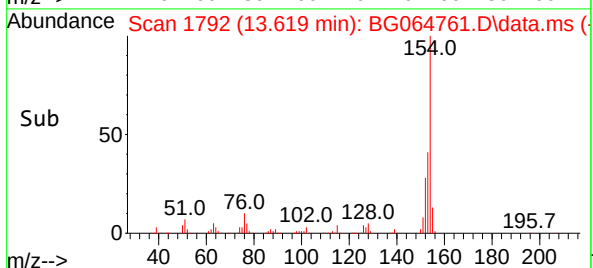
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

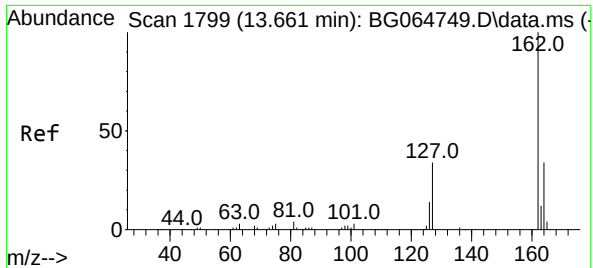


#46
1,1'-Biphenyl
Concen: 47.707 ng
RT: 13.619 min Scan# 1792
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03



Tgt Ion:154 Resp: 332022
Ion Ratio Lower Upper
154 100
153 40.9 19.8 59.8
76 10.0 0.0 30.0





#47

2-Chloronaphthalene

Concen: 46.624 ng

RT: 13.660 min Scan# 1799

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS

Tgt Ion:162 Resp: 255638

Ion Ratio Lower Upper

162 100

127 37.3 30.3 45.5

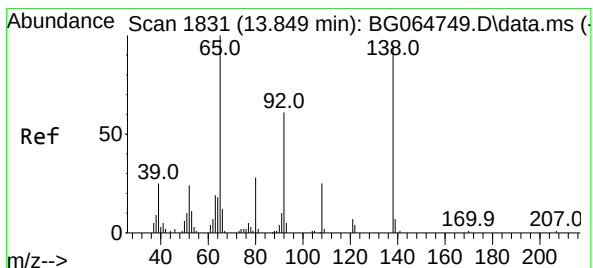
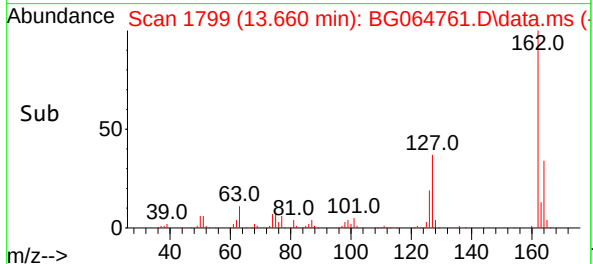
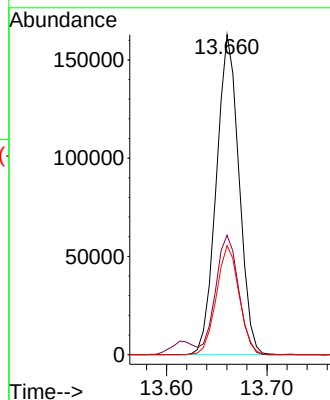
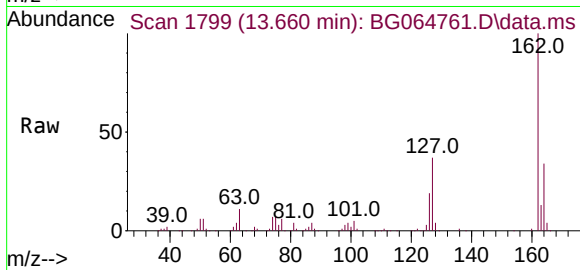
164 34.1 26.8 40.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

Concen: 50.708 ng

RT: 13.848 min Scan# 1831

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

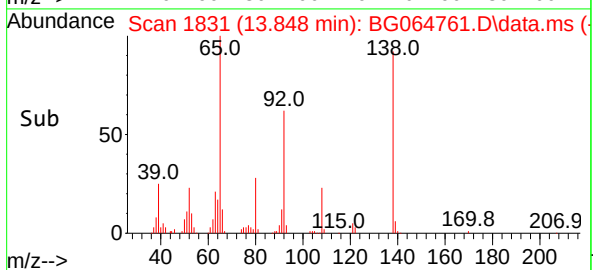
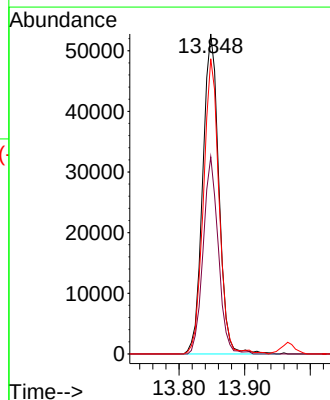
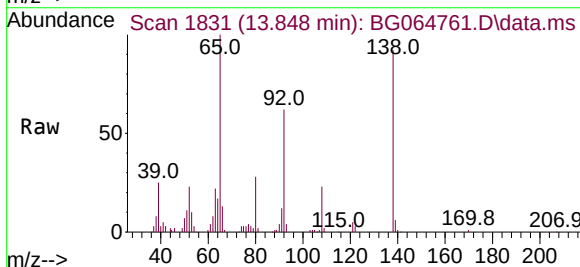
Tgt Ion: 65 Resp: 89426

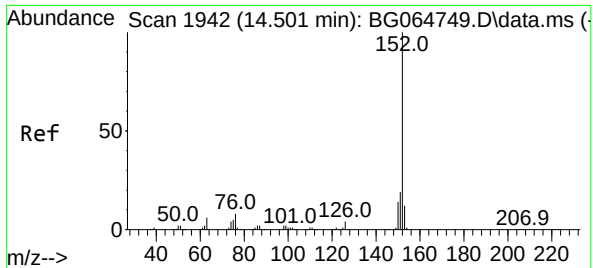
Ion Ratio Lower Upper

65 100

92 61.6 48.6 73.0

138 92.2 76.4 114.6





#49

Acenaphthylene

Concen: 47.510 ng

RT: 14.500 min Scan# 1942

Delta R.T. -0.001 min

Lab File: BG064761.D

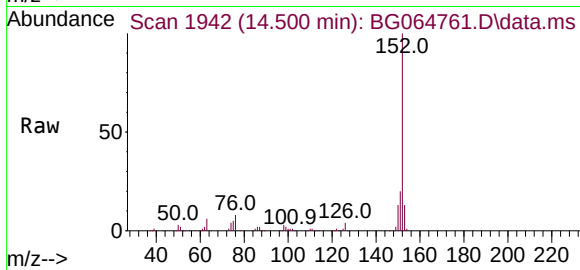
Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS



Tgt Ion:152 Resp: 445036

Ion Ratio Lower Upper

152 100

151 19.7 15.0 22.4

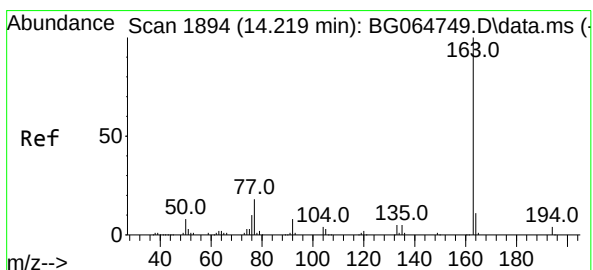
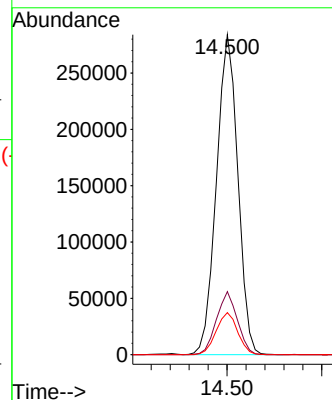
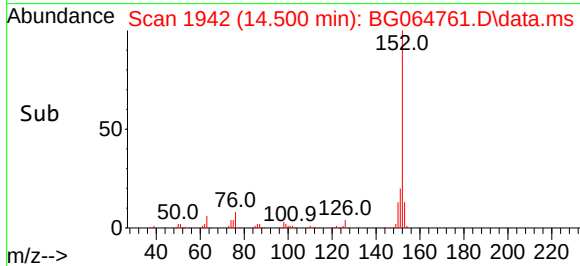
153 13.1 9.9 14.9

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#50

Dimethylphthalate

Concen: 46.371 ng

RT: 14.224 min Scan# 1895

Delta R.T. 0.005 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

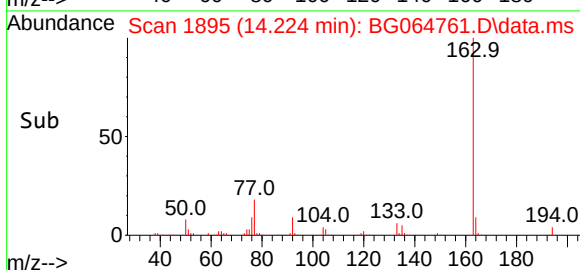
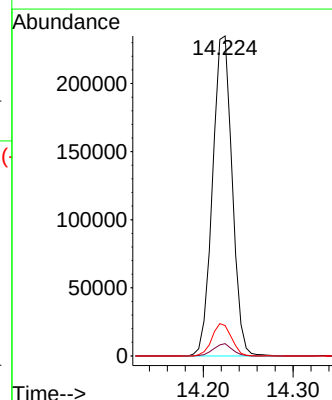
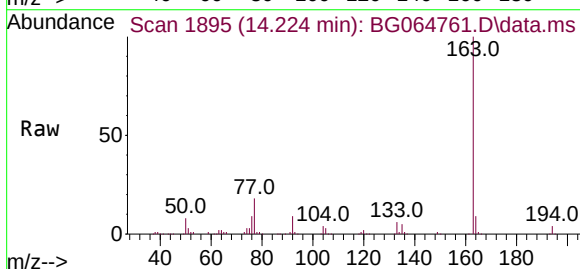
Tgt Ion:163 Resp: 354945

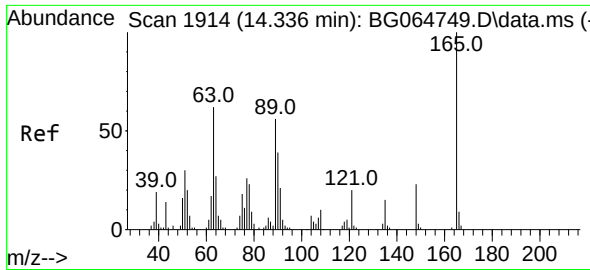
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

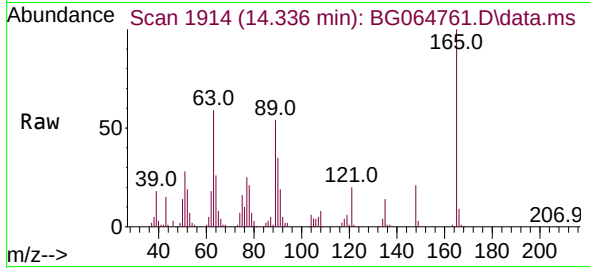
164 9.5 8.6 12.8





#51
2,6-Dinitrotoluene
Concen: 49.739 ng
RT: 14.336 min Scan# 1914
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

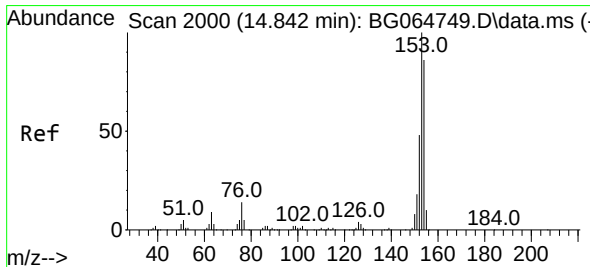
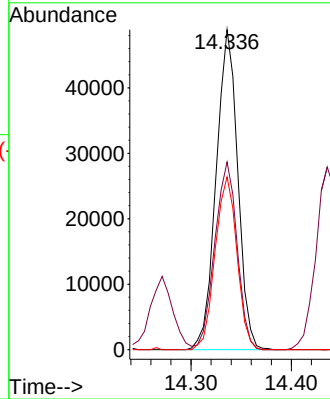
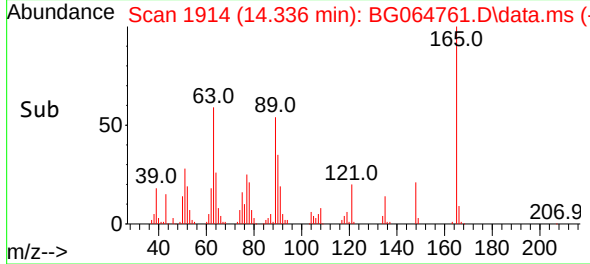
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



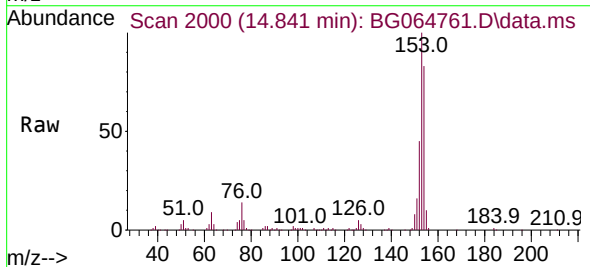
Tgt Ion:165 Resp: 73260
Ion Ratio Lower Upper
165 100
63 58.6 49.8 74.8
89 54.0 45.0 67.4

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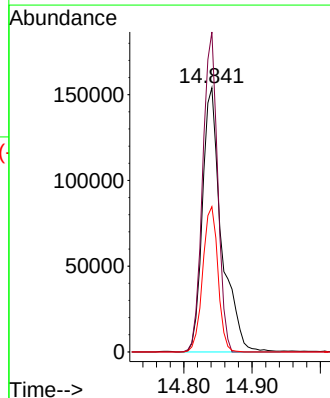
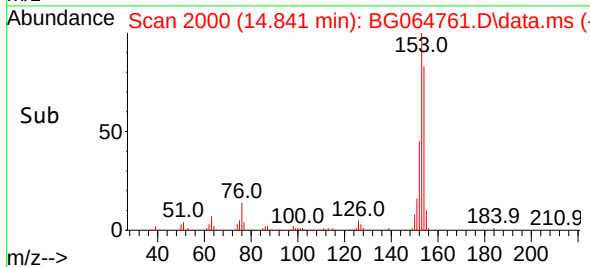
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

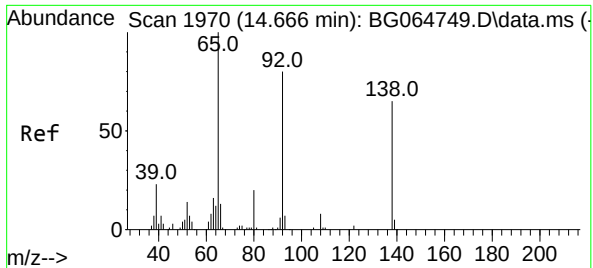


#52
Acenaphthene
Concen: 53.331 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03



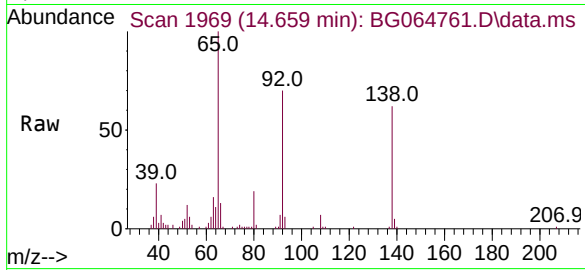
Tgt Ion:154 Resp: 299526
Ion Ratio Lower Upper
154 100
153 121.2 93.0 139.4
152 55.0 44.4 66.6





#53
3-Nitroaniline
Concen: 19.317 ng
RT: 14.659 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

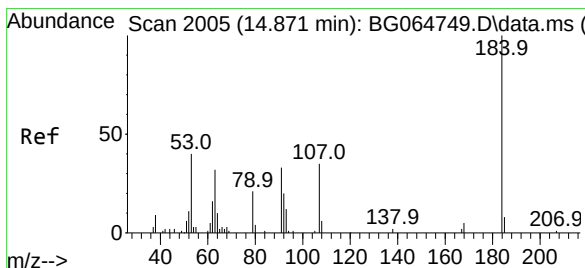
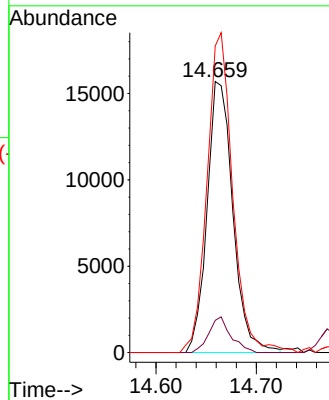
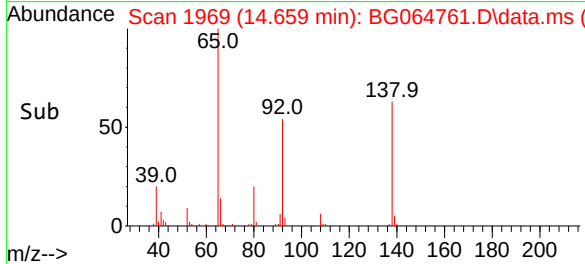
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:138 Resp: 2808
Ion Ratio Lower Upper
138 100
108 11.9 9.5 14.3
92 113.1 99.0 148.4

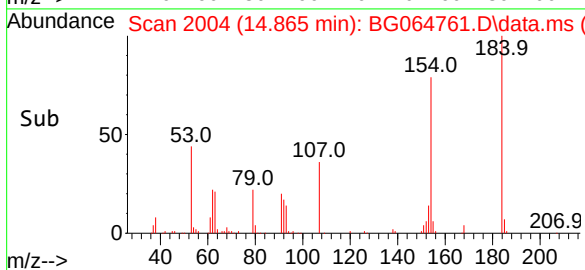
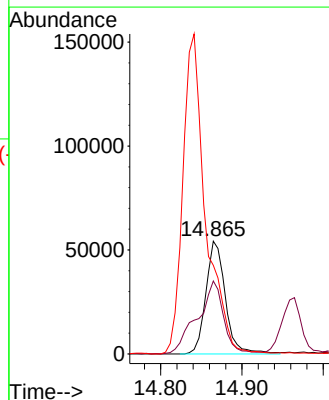
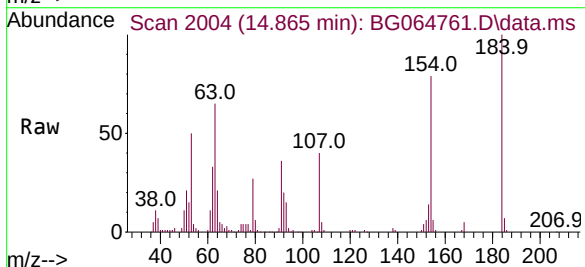
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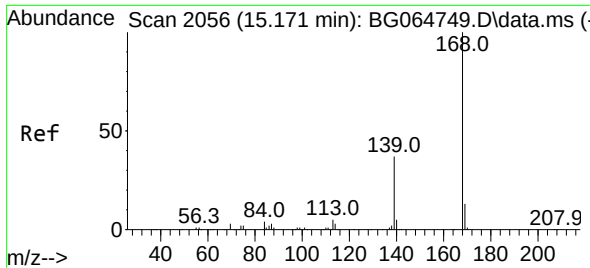
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#54
2,4-Dinitrophenol
Concen: 88.565 ng
RT: 14.865 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

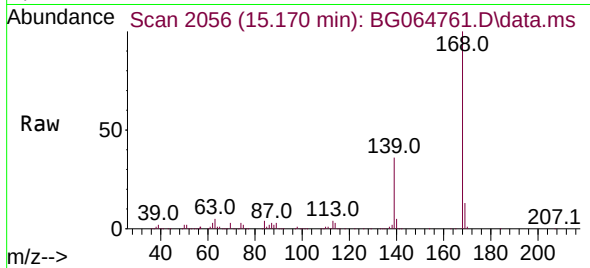
Tgt Ion:184 Resp: 90395
Ion Ratio Lower Upper
184 100
63 64.7 45.8 68.6
154 78.6 52.6 78.8





#55
Dibenzenofuran
Concen: 46.965 ng
RT: 15.170 min Scan# 2056
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

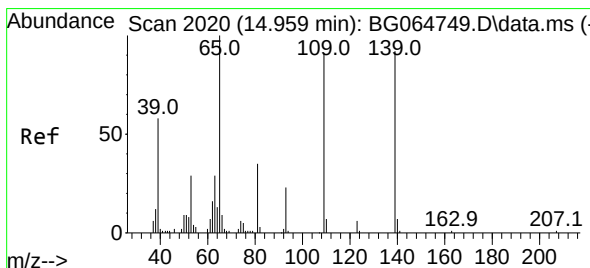
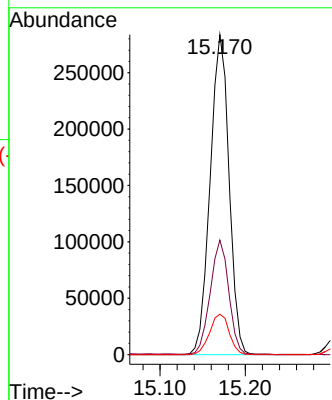
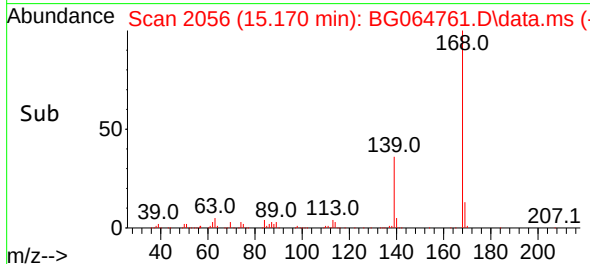
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:168 Resp: 436085
Ion Ratio Lower Upper
168 100
139 35.8 29.5 44.3
169 12.6 10.4 15.6

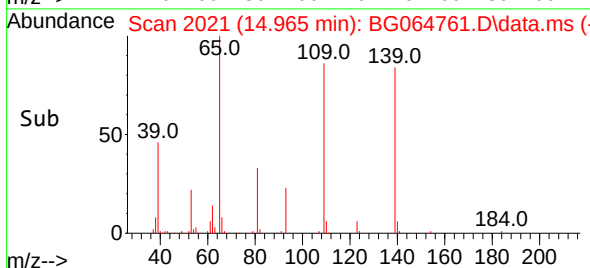
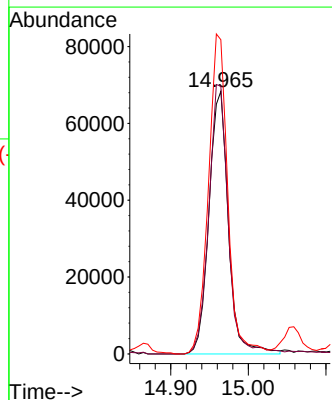
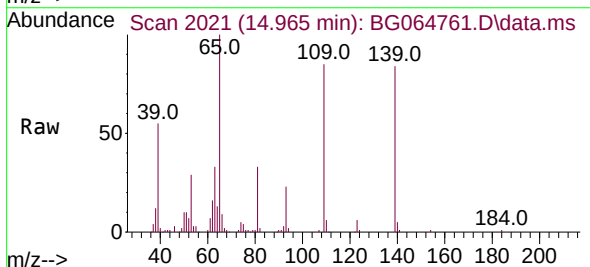
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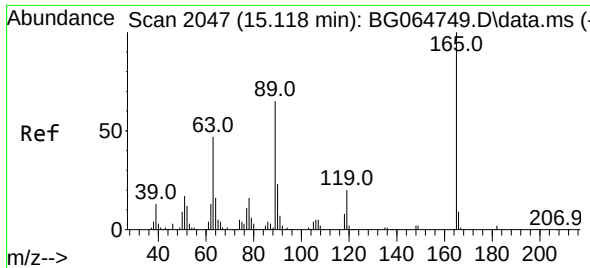
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 103.055 ng
RT: 14.965 min Scan# 2021
Delta R.T. 0.005 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

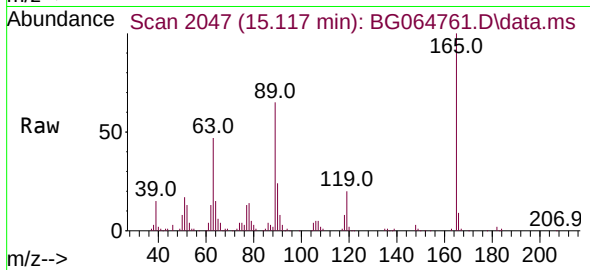
Tgt Ion:139 Resp: 118861
Ion Ratio Lower Upper
139 100
109 102.0 79.7 119.7
65 119.7 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 49.639 ng
RT: 15.117 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

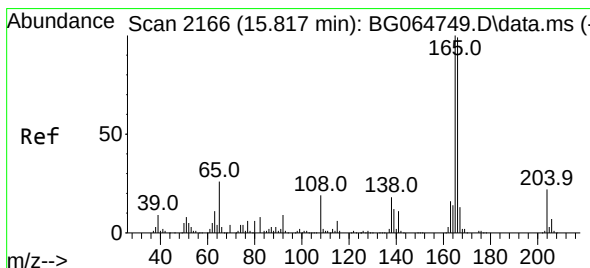
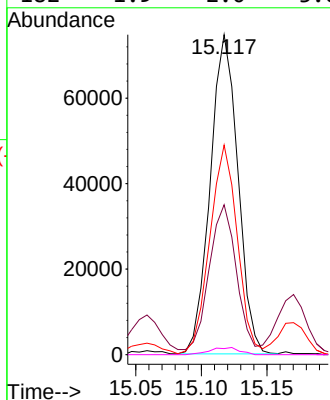
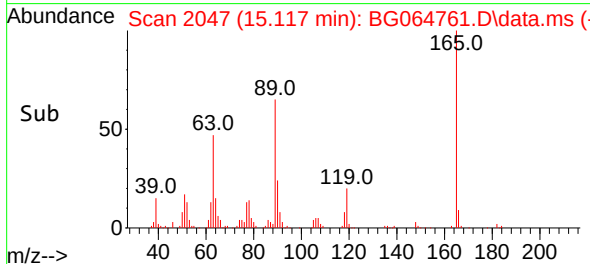
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



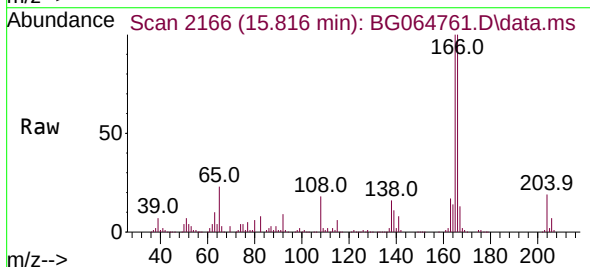
Tgt Ion:165 Resp: 109611
Ion Ratio Lower Upper
165 100
63 46.8 37.8 56.6
89 65.5 51.6 77.4
182 1.9 2.0 3.0#

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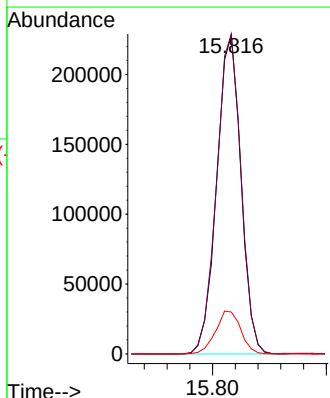
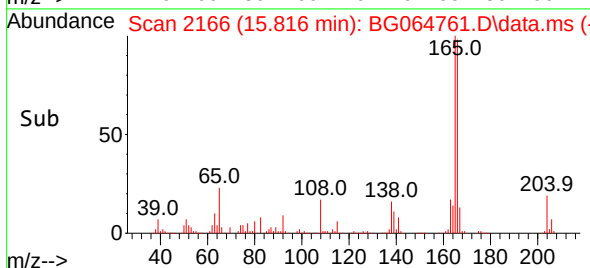
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

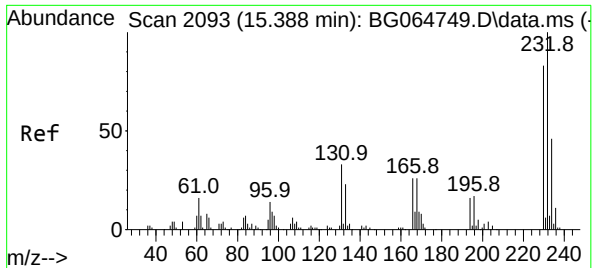


#58
Fluorene
Concen: 46.156 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03



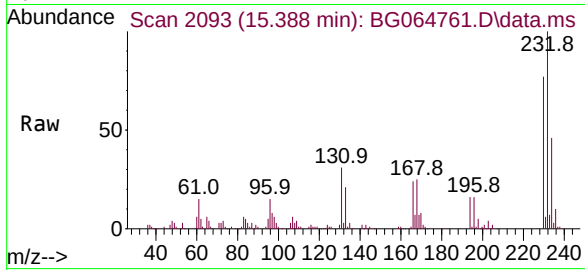
Tgt Ion:166 Resp: 336127
Ion Ratio Lower Upper
166 100
165 100.3 80.5 120.7
167 13.1 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.212 ng
RT: 15.388 min Scan# 2093
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

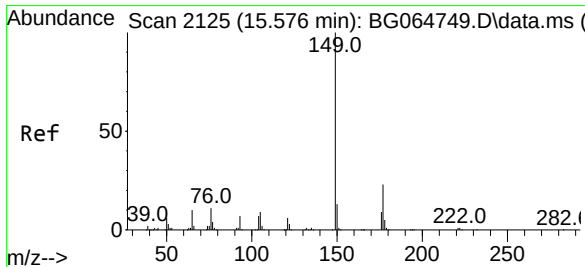
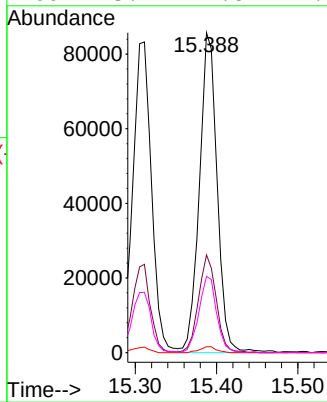
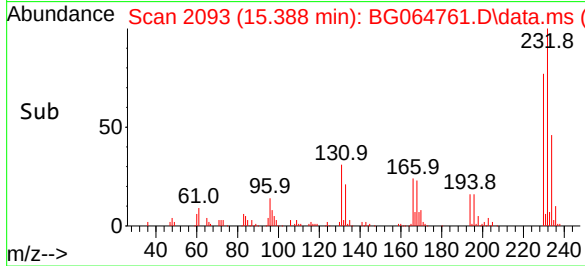
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



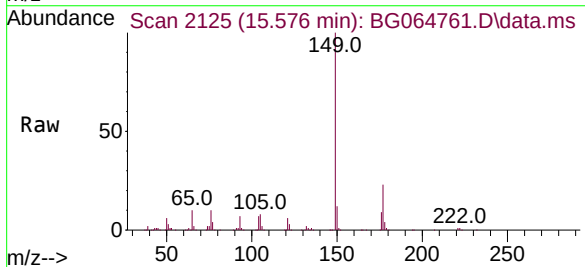
Tgt Ion:232 Resp: 130321
Ion Ratio Lower Upper
232 100
131 30.5 26.0 39.0
130 1.7 1.6 2.4
166 23.7 19.8 29.6

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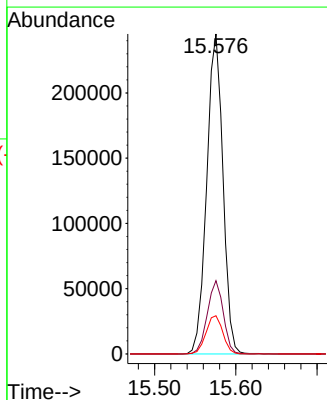
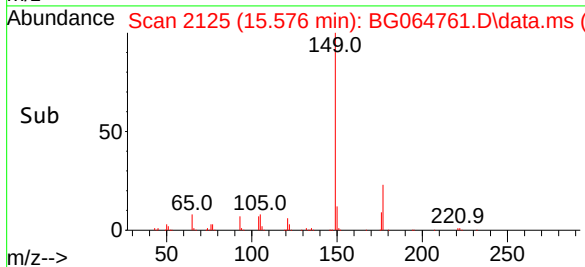
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

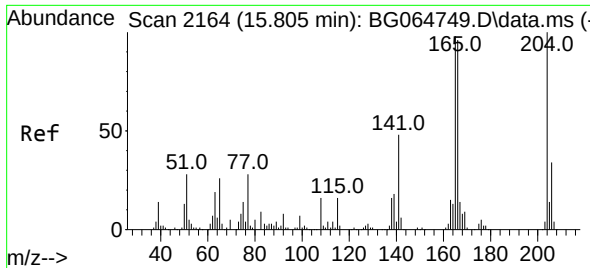


#60
Diethylphthalate
Concen: 46.367 ng
RT: 15.576 min Scan# 2125
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03



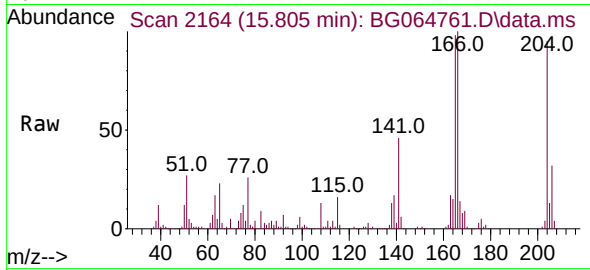
Tgt Ion:149 Resp: 339988
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 11.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.520 ng
RT: 15.805 min Scan# 2164
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

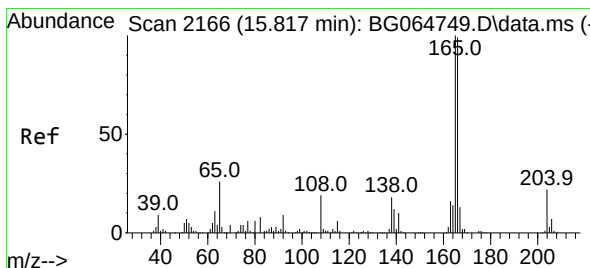
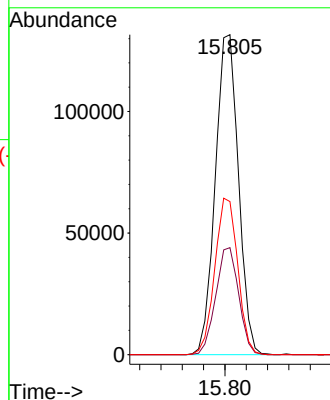
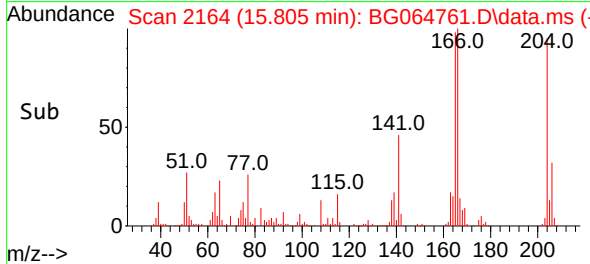
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



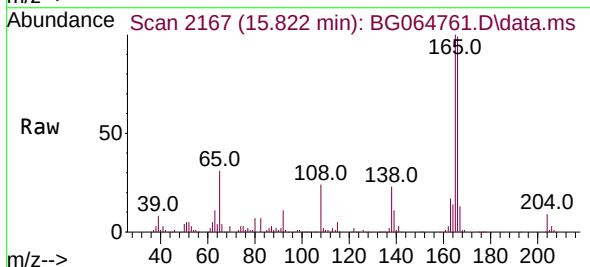
Tgt Ion:204 Resp: 198944
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 47.8 38.1 57.1

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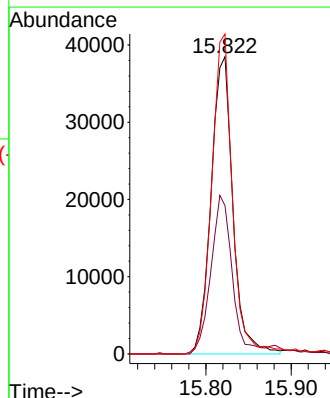
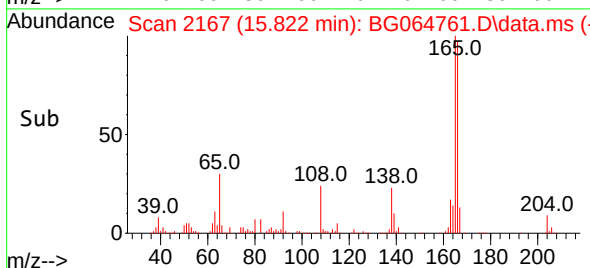
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

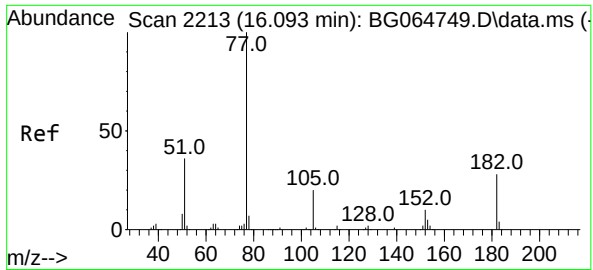


#62
4-Nitroaniline
Concen: 45.314 ng
RT: 15.822 min Scan# 2167
Delta R.T. 0.005 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03



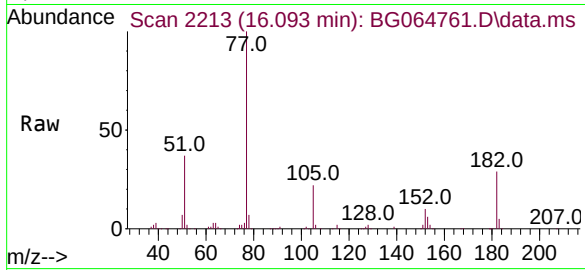
Tgt Ion:138 Resp: 68243
Ion Ratio Lower Upper
138 100
92 49.9 30.7 70.7
108 107.7 85.7 125.7





#63
Azobenzene
Concen: 52.474 ng
RT: 16.093 min Scan# 2213
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

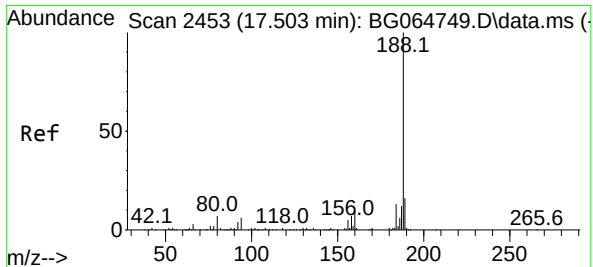
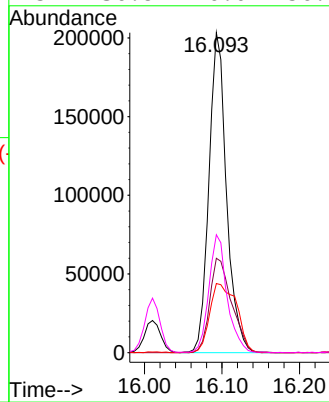
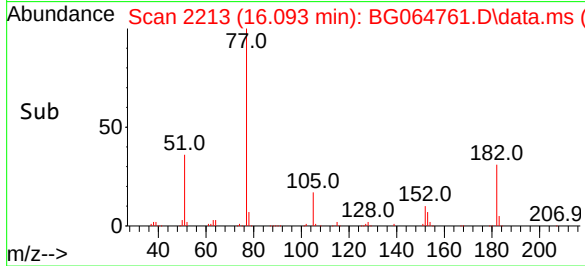
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion: 77 Resp: 320035
Ion Ratio Lower Upper
77 100
182 29.5 8.1 48.1
105 21.6 0.1 40.1
51 36.8 16.0 56.0

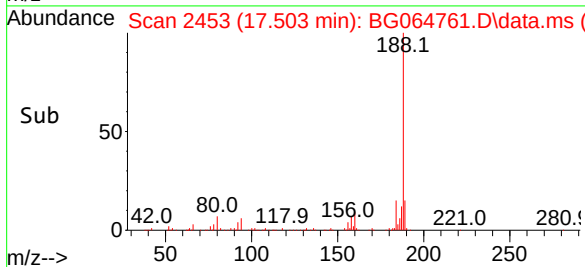
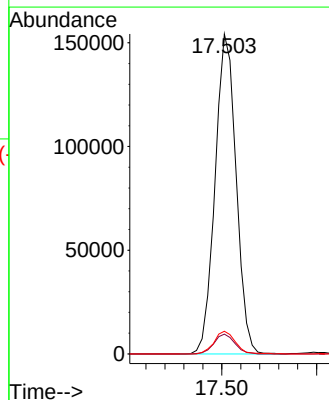
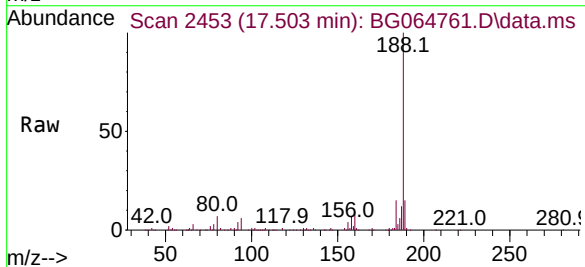
Manual Integrations
APPROVED

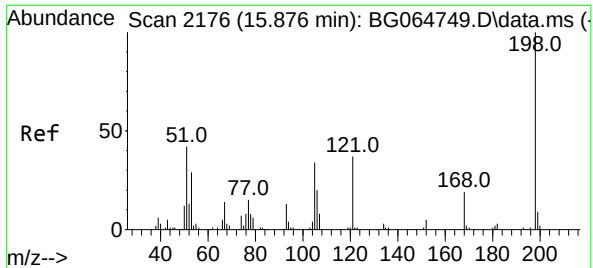
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

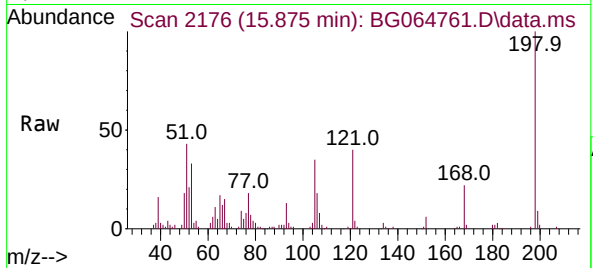
Tgt Ion:188 Resp: 237837
Ion Ratio Lower Upper
188 100
94 6.2 4.7 7.1
80 7.1 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 52.931 ng
RT: 15.875 min Scan# 2176
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

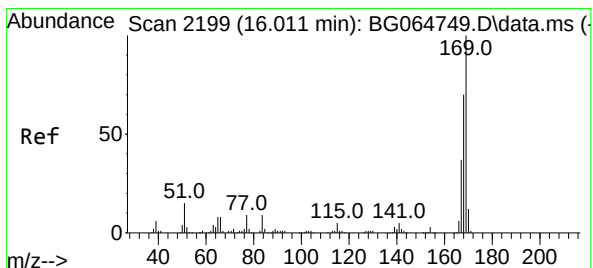
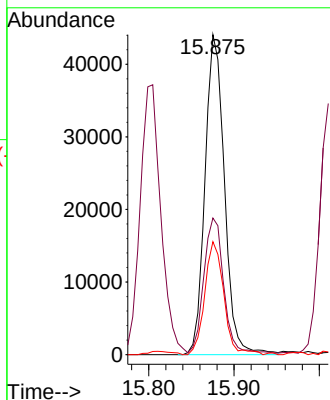
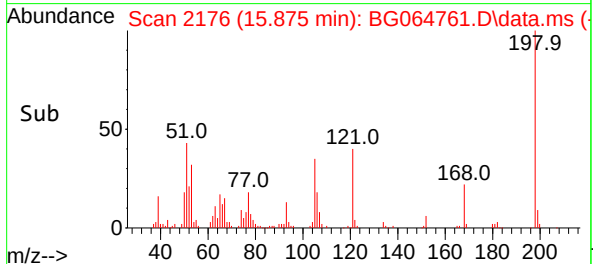
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:198 Resp: 69897
Ion Ratio Lower Upper
198 100
51 42.7 25.2 65.2
105 35.3 14.2 54.2

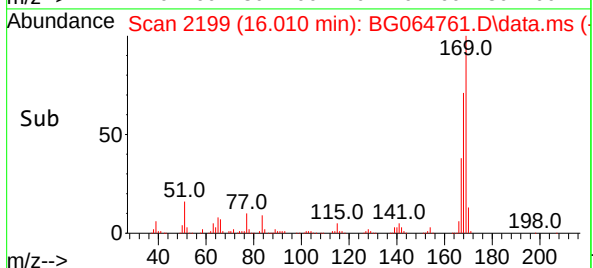
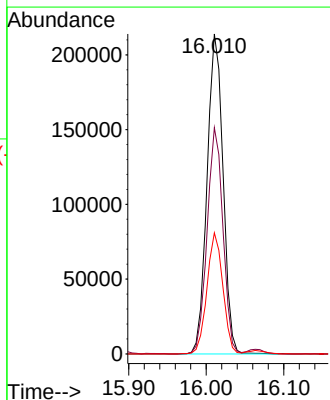
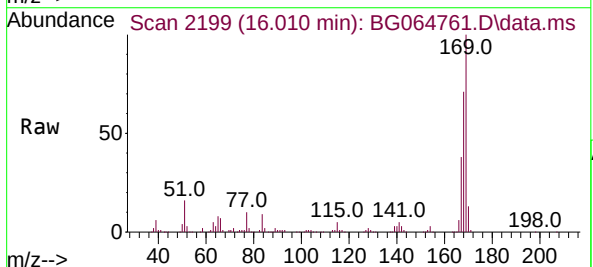
Manual Integrations
APPROVED

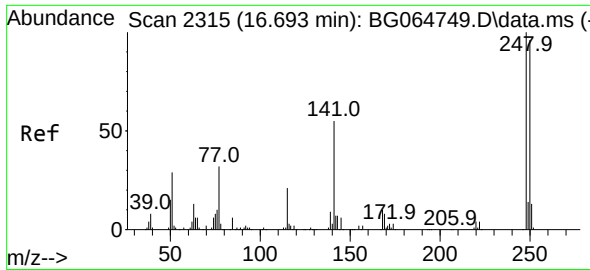
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#66
n-Nitrosodiphenylamine
Concen: 49.112 ng
RT: 16.010 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

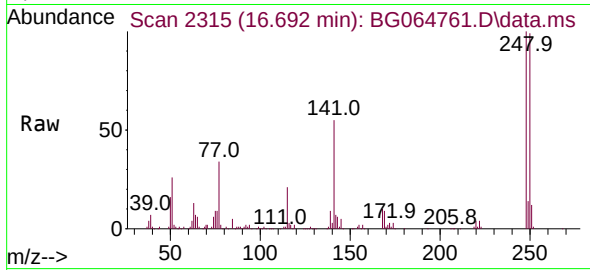
Tgt Ion:169 Resp: 305958
Ion Ratio Lower Upper
169 100
168 70.7 55.9 83.9
167 37.8 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 47.948 ng
RT: 16.692 min Scan# 2315
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

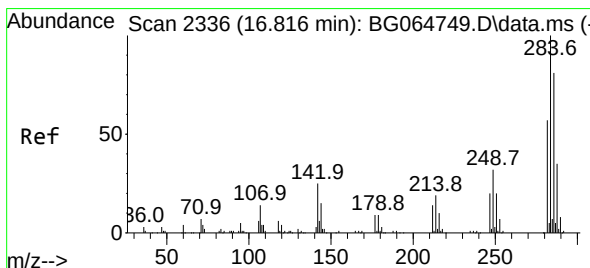
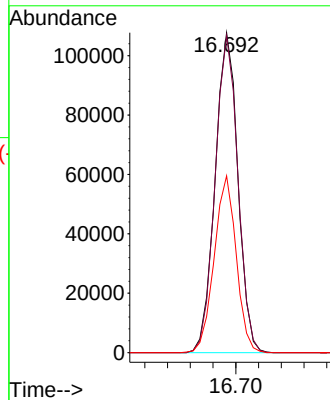
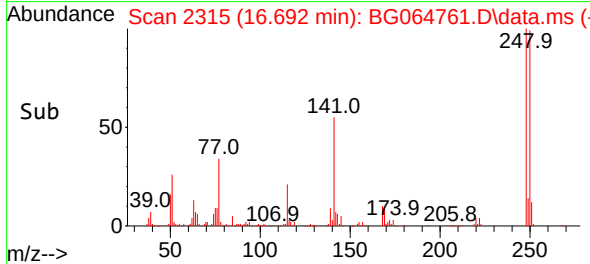
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



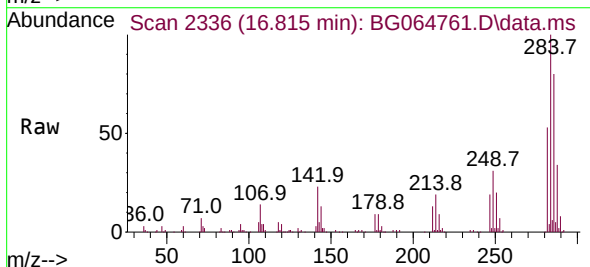
Tgt Ion:248 Resp: 149752
Ion Ratio Lower Upper
248 100
250 99.1 77.0 115.6
141 55.2 43.7 65.5

Manual Integrations
APPROVED

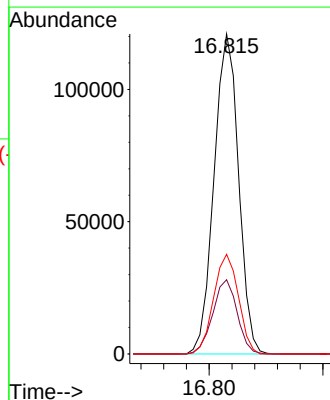
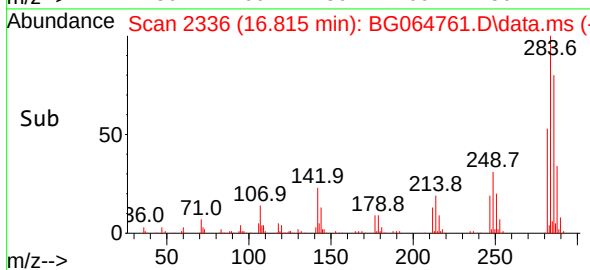
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

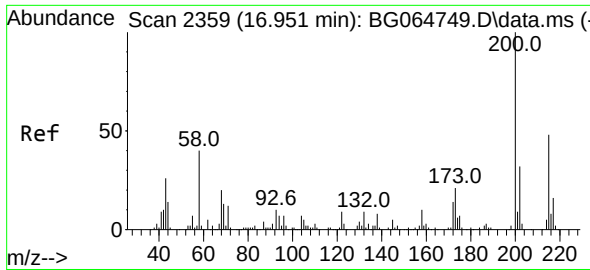


#68
Hexachlorobenzene
Concen: 47.779 ng
RT: 16.815 min Scan# 2336
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03



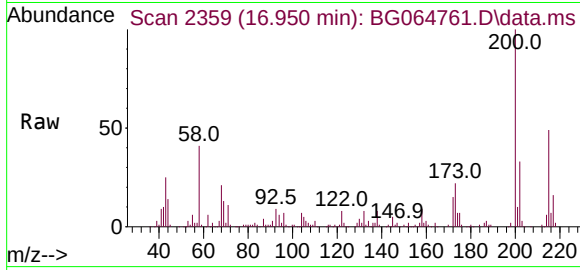
Tgt Ion:284 Resp: 180800
Ion Ratio Lower Upper
284 100
142 23.2 19.7 29.5
249 33.4 28.1 42.1





#69
 Atrazine
 Concen: 48.192 ng
 RT: 16.950 min Scan# 2359
 Delta R.T. -0.001 min
 Lab File: BG064761.D
 Acq: 13 Nov 2025 18:03

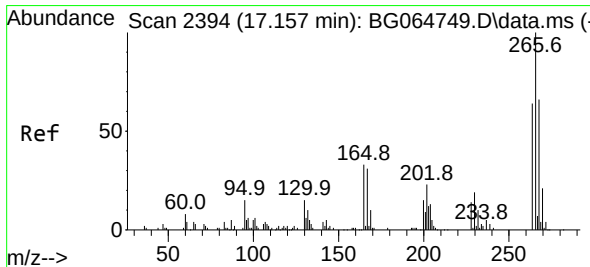
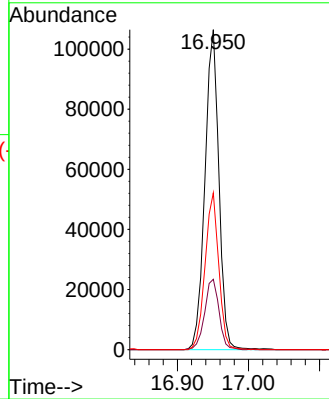
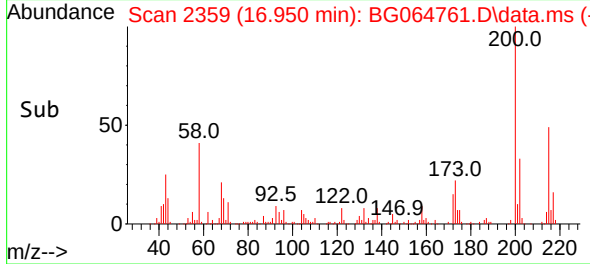
Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MS



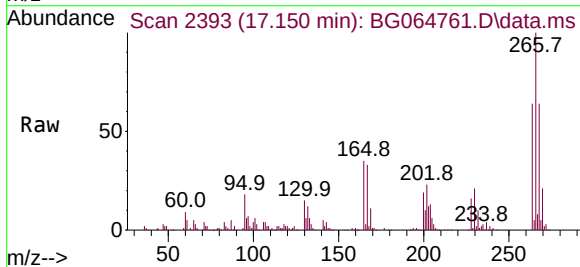
Tgt Ion:200 Resp: 144747
 Ion Ratio Lower Upper
 200 100
 173 22.0 0.9 40.9
 215 49.0 27.5 67.5

Manual Integrations
 APPROVED

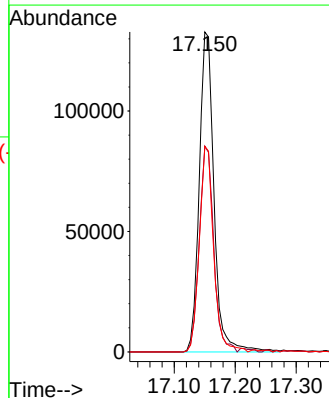
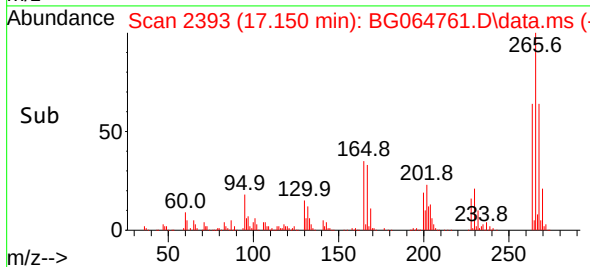
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

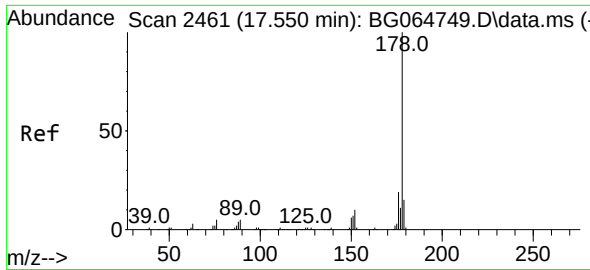


#70
 Pentachlorophenol
 Concen: 98.344 ng
 RT: 17.150 min Scan# 2393
 Delta R.T. -0.007 min
 Lab File: BG064761.D
 Acq: 13 Nov 2025 18:03



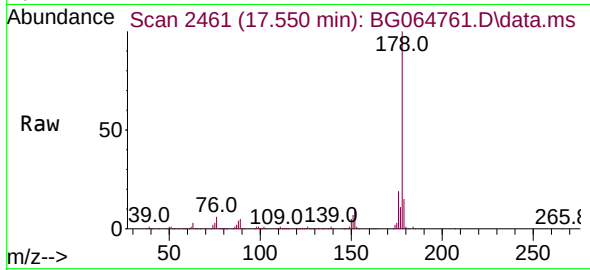
Tgt Ion:266 Resp: 223637
 Ion Ratio Lower Upper
 266 100
 268 68.9 56.1 84.1
 264 64.2 51.2 76.8





#71
Phenanthrene
Concen: 47.662 ng
RT: 17.550 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

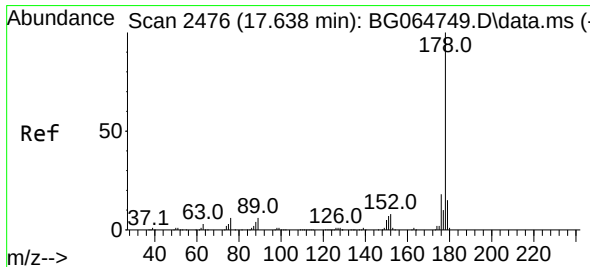
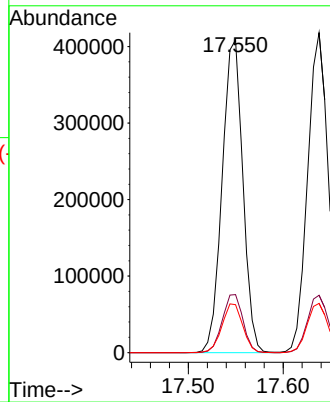
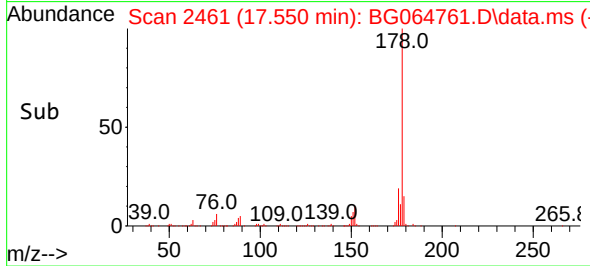
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:178 Resp: 620214
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.2 18.4

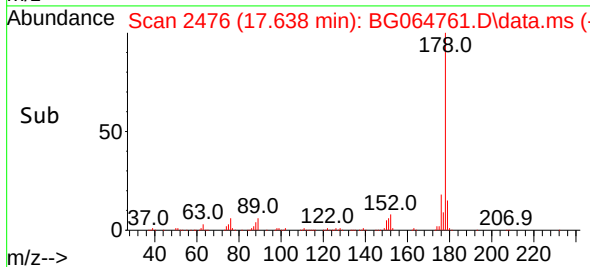
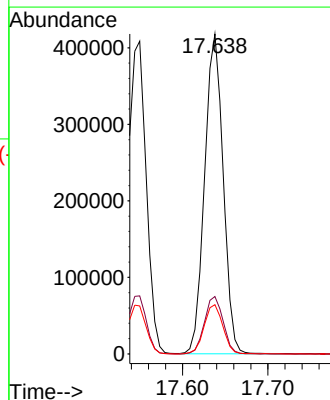
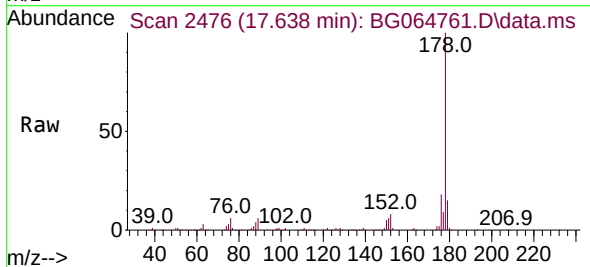
Manual Integrations
APPROVED

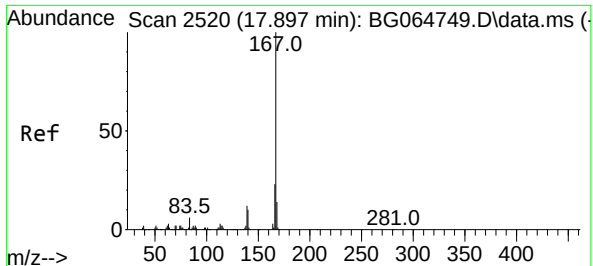
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 47.579 ng
RT: 17.638 min Scan# 2476
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

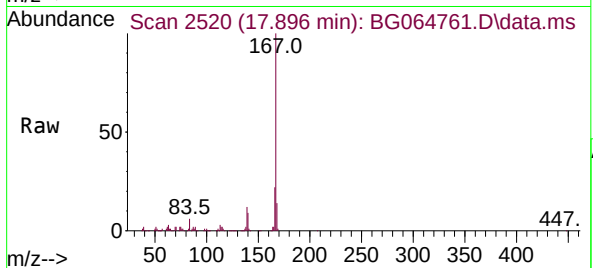
Tgt Ion:178 Resp: 631325
Ion Ratio Lower Upper
178 100
176 17.9 14.5 21.7
179 15.4 12.2 18.4





#73
Carbazole
Concen: 48.614 ng
RT: 17.896 min Scan# 2520
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

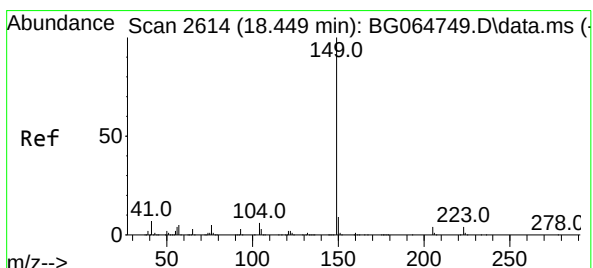
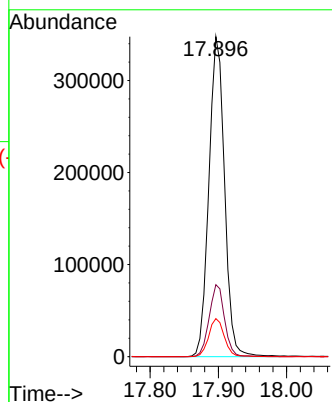
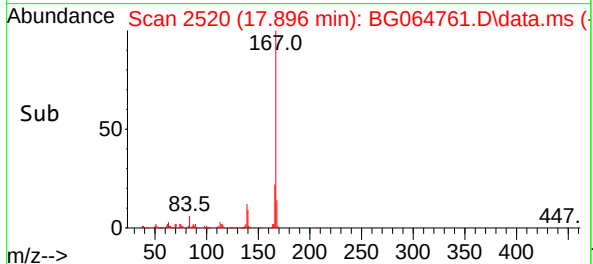
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:167 Resp: 554525
Ion Ratio Lower Upper
167 100
166 22.5 18.0 27.0
139 11.9 9.7 14.5

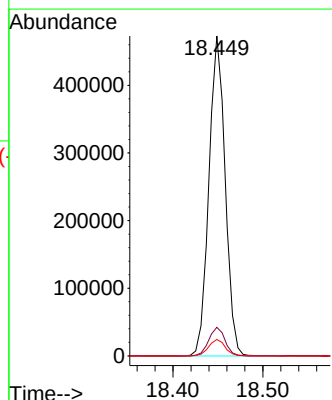
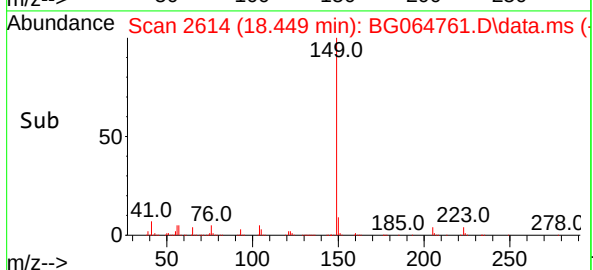
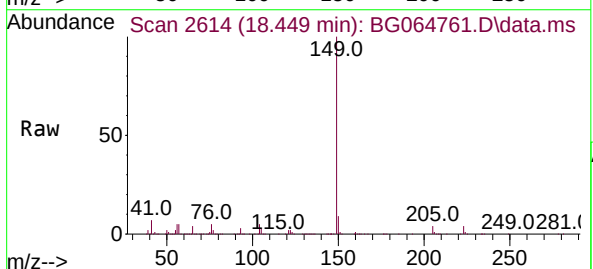
Manual Integrations
APPROVED

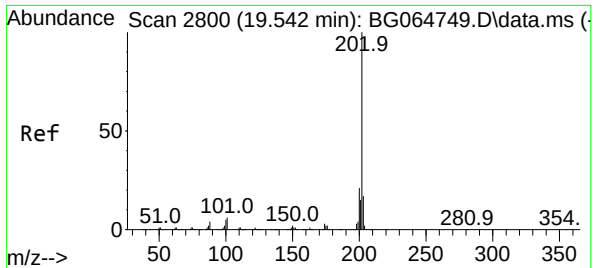
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#74
Di-n-butylphthalate
Concen: 46.879 ng
RT: 18.449 min Scan# 2614
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

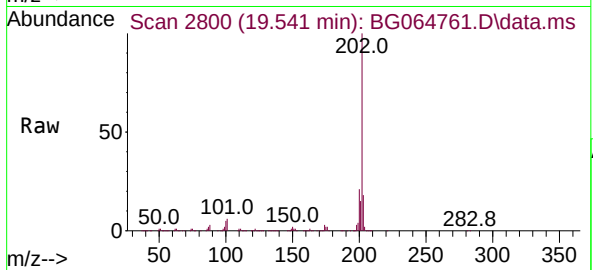
Tgt Ion:149 Resp: 596586
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 46.274 ng
RT: 19.541 min Scan# 2800
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

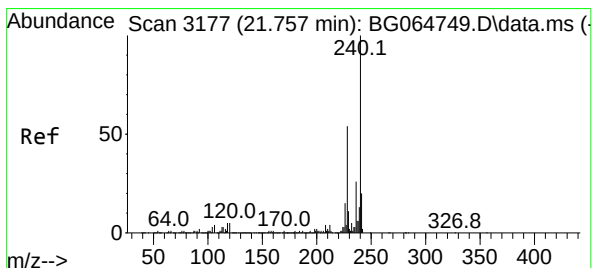
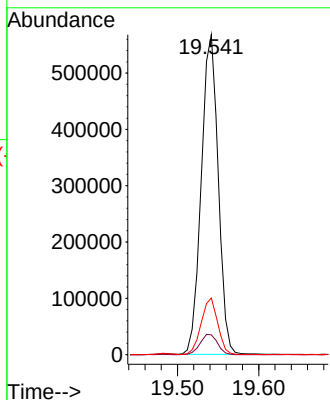
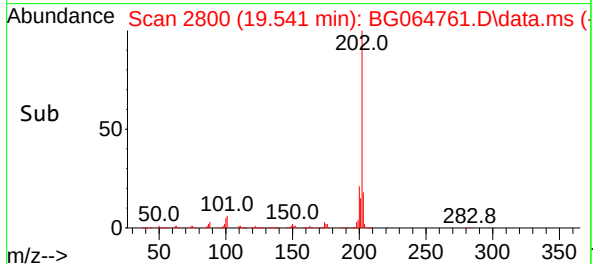
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:202 Resp: 823415
Ion Ratio Lower Upper
202 100
101 6.2 0.0 26.4
203 17.7 0.0 37.5

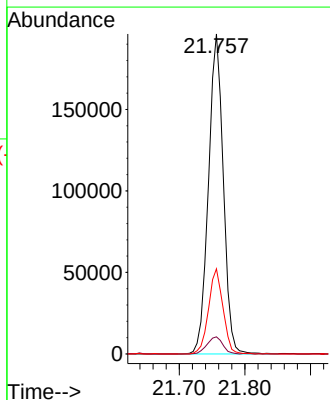
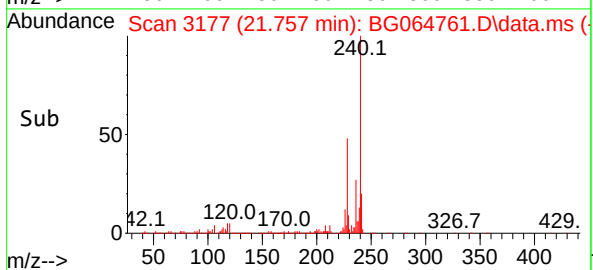
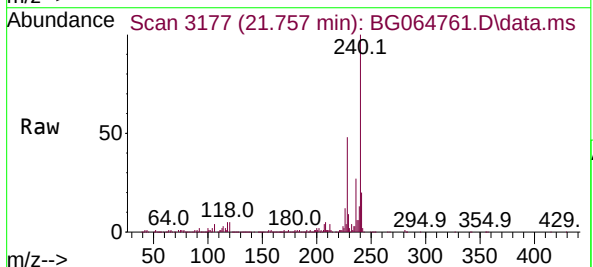
Manual Integrations
APPROVED

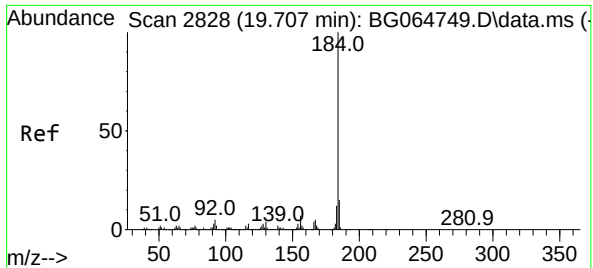
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3177
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

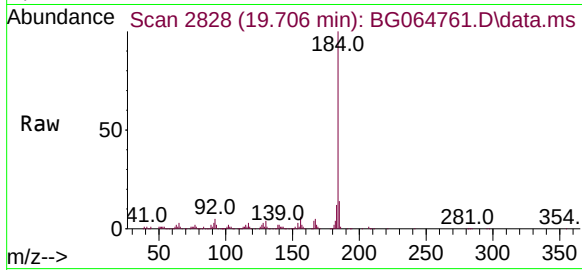
Tgt Ion:240 Resp: 308191
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.4
236 26.6 20.8 31.2





#77
Benzidine
Concen: 35.532 ng
RT: 19.706 min Scan# 2828
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

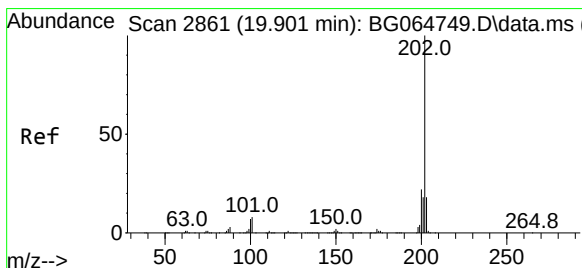
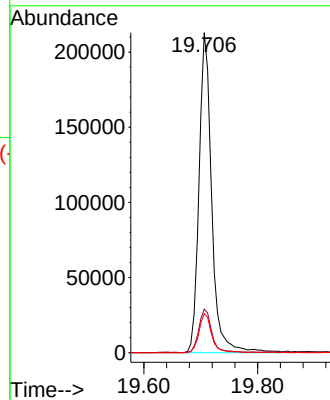
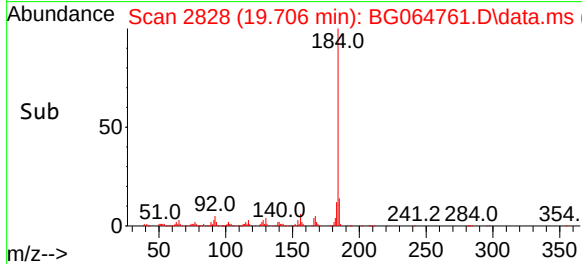
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:184 Resp: 327953
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.6
183 12.2 9.8 14.6

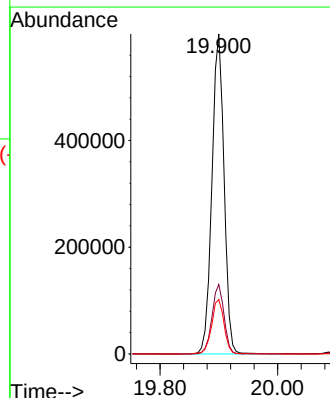
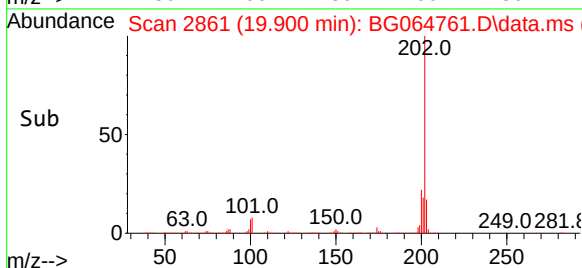
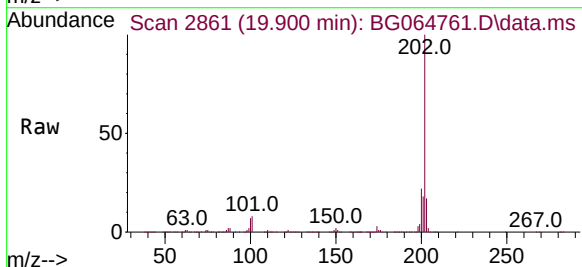
Manual Integrations
APPROVED

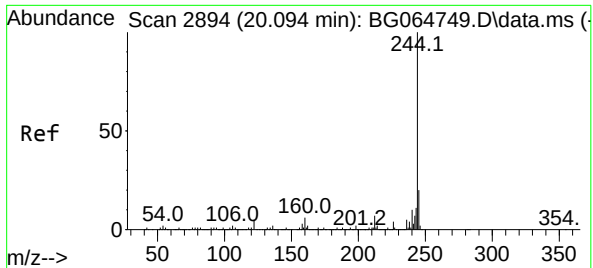
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 49.627 ng
RT: 19.900 min Scan# 2861
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

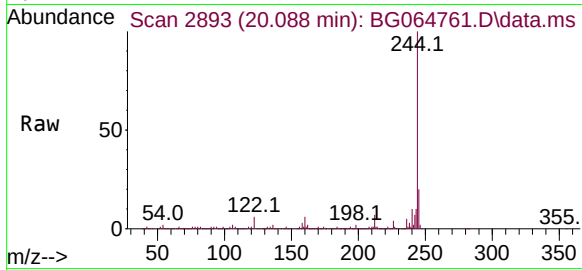
Tgt Ion:202 Resp: 857203
Ion Ratio Lower Upper
202 100
200 21.7 17.9 26.9
203 17.0 14.0 21.0





#79
 Terphenyl-d14
 Concen: 71.550 ng
 RT: 20.088 min Scan# 2894
 Delta R.T. -0.007 min
 Lab File: BG064761.D
 Acq: 13 Nov 2025 18:03

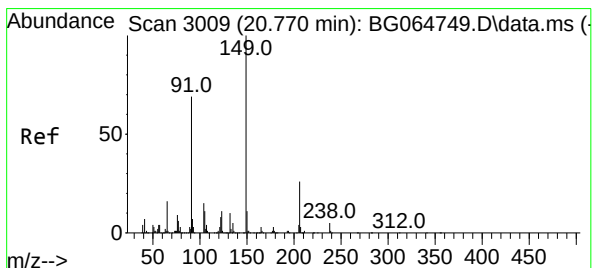
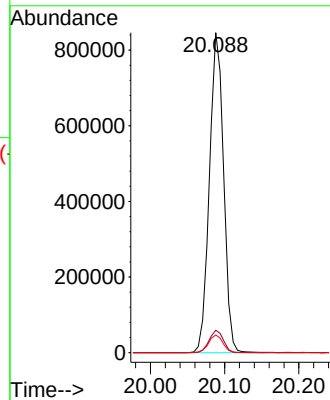
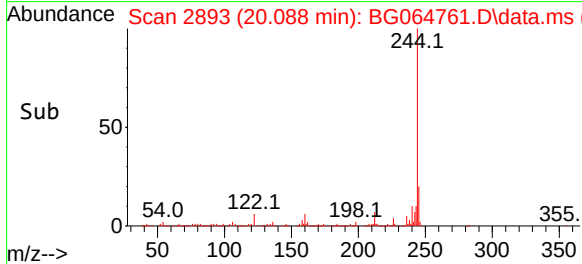
Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MS



Tgt Ion:244 Resp: 1121005
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 5.6 4.3 6.5

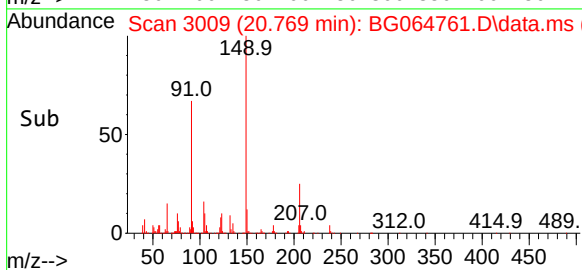
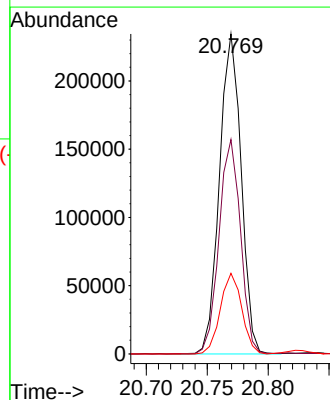
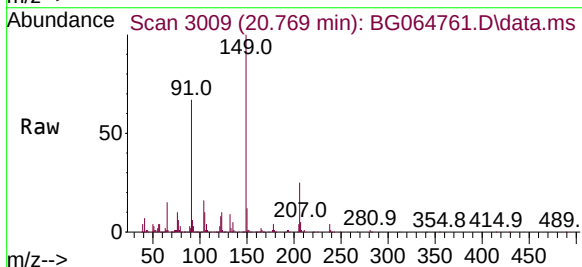
Manual Integrations
 APPROVED

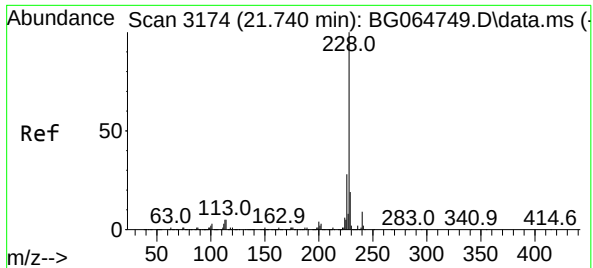
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#80
 Butylbenzylphthalate
 Concen: 47.746 ng
 RT: 20.769 min Scan# 3009
 Delta R.T. -0.001 min
 Lab File: BG064761.D
 Acq: 13 Nov 2025 18:03

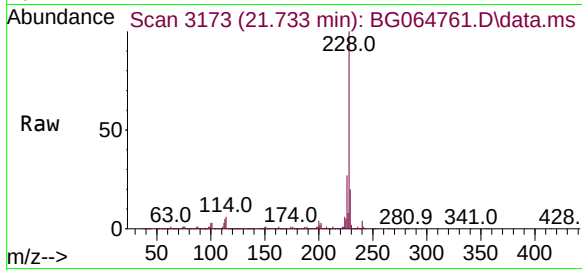
Tgt Ion:149 Resp: 290079
 Ion Ratio Lower Upper
 149 100
 91 67.0 54.9 82.3
 206 25.2 21.2 31.8





#81
Benzo(a)anthracene
Concen: 47.381 ng
RT: 21.733 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

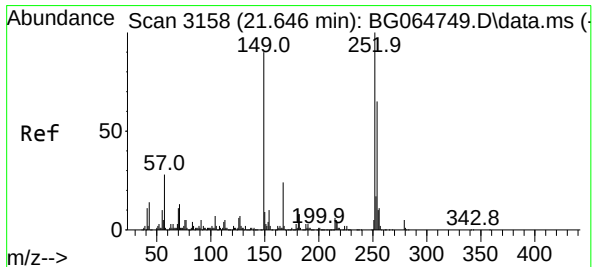
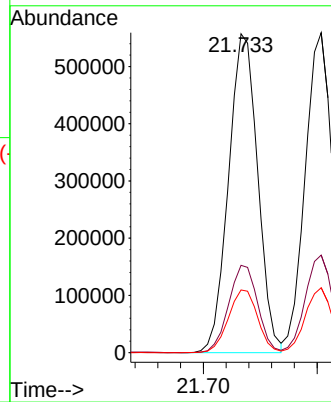
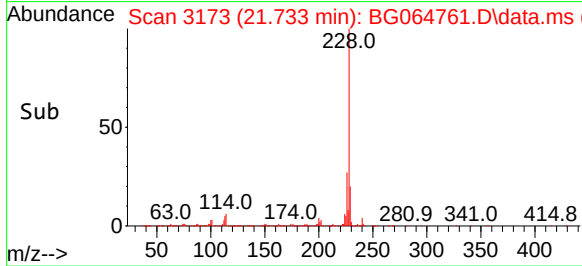
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:228 Resp: 992912
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.6 15.5 23.3

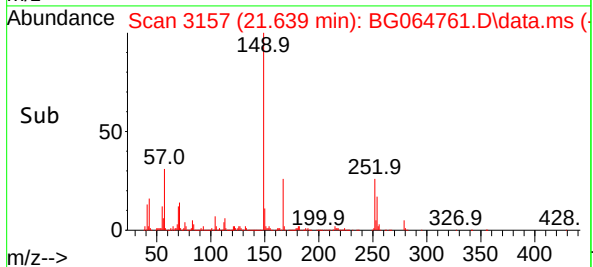
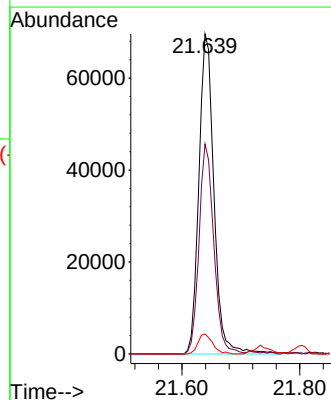
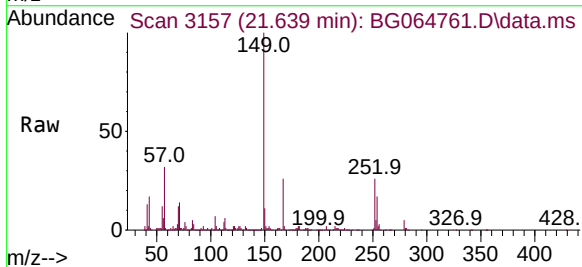
Manual Integrations
APPROVED

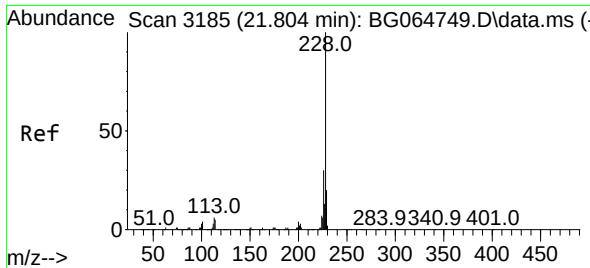
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 16.029 ng
RT: 21.639 min Scan# 3157
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

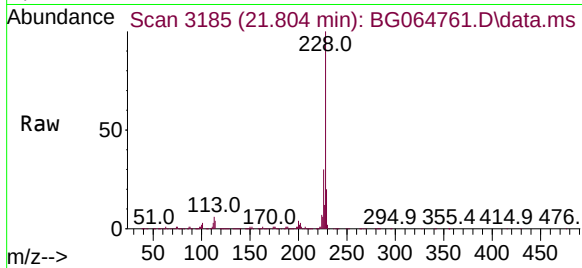
Tgt Ion:252 Resp: 123633
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.8
126 6.2 4.7 7.1





#83
Chrysene
Concen: 47.335 ng
RT: 21.804 min Scan# 3185
Delta R.T. -0.001 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

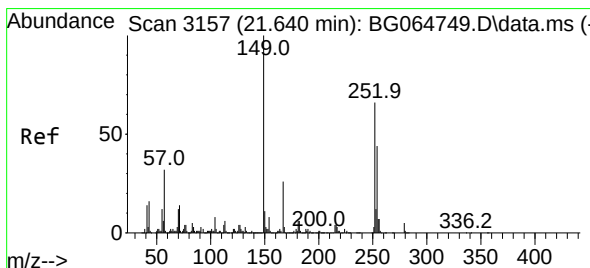
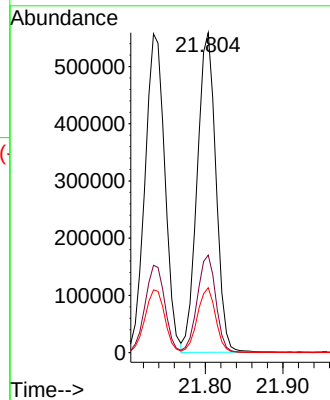
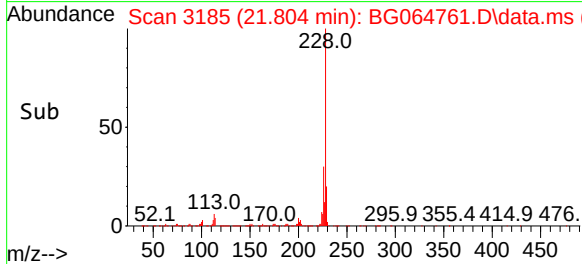
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:228 Resp: 935178
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 20.3 16.0 24.0

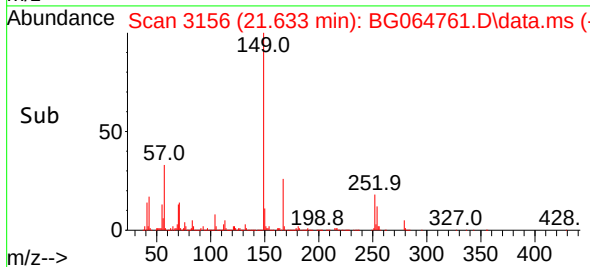
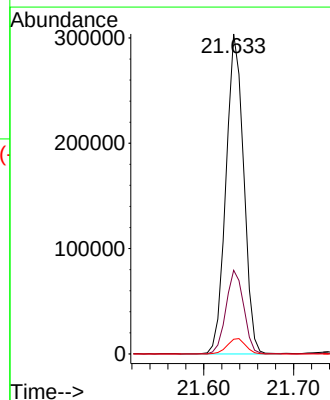
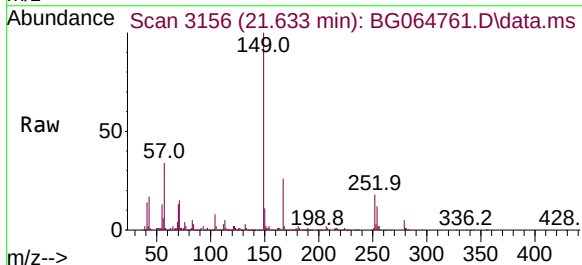
Manual Integrations
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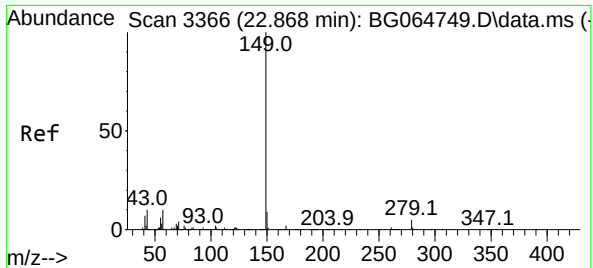
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.936 ng
RT: 21.633 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

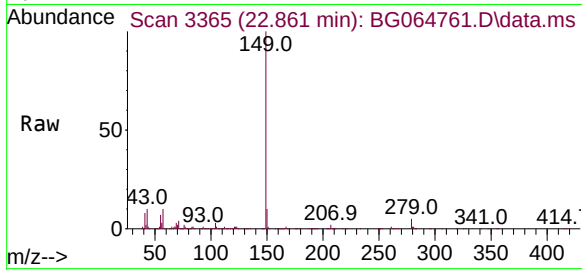
Tgt Ion:149 Resp: 416690
Ion Ratio Lower Upper
149 100
167 26.1 21.0 31.4
279 4.6 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 45.543 ng
RT: 22.861 min Scan# 3366
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

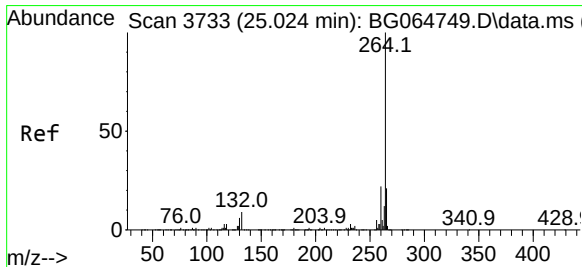
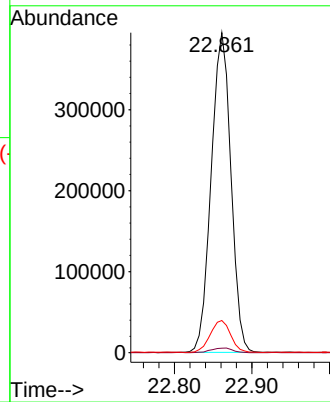
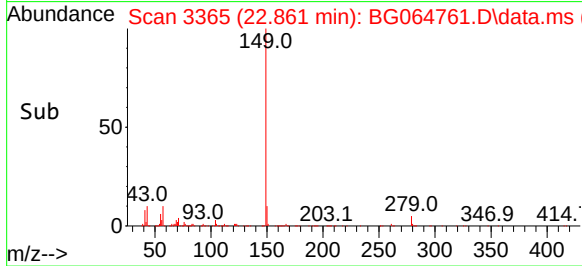
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:149 Resp: 698909
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.3 8.3 12.5

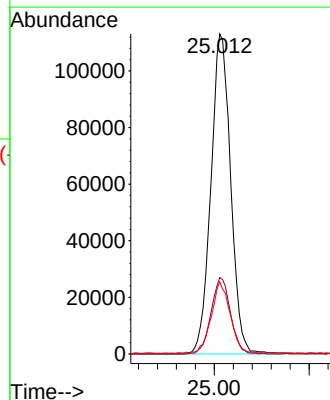
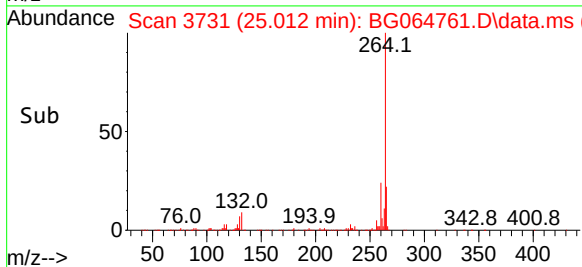
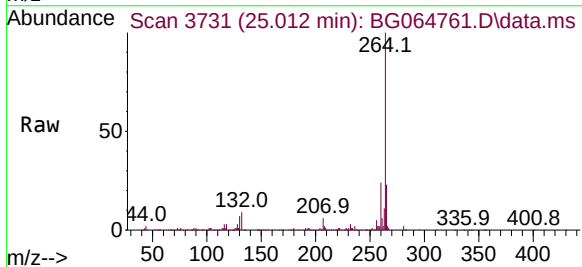
Manual Integrations
APPROVED

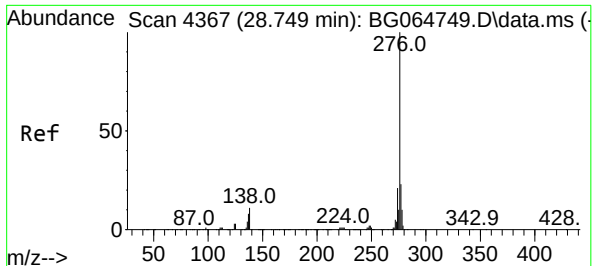
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3731
Delta R.T. -0.012 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Tgt Ion:264 Resp: 326854
Ion Ratio Lower Upper
264 100
260 23.9 17.2 25.8
265 22.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.564 ng

RT: 28.748 min Scan# 4367

Delta R.T. -0.001 min

Lab File: BG064761.D

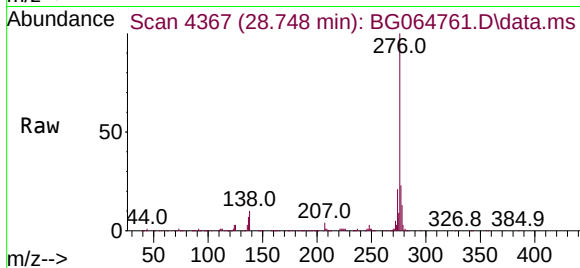
Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS



Tgt Ion:276 Resp: 113546

Ion Ratio Lower Upper

276 100

138 12.6 4.5 6.7

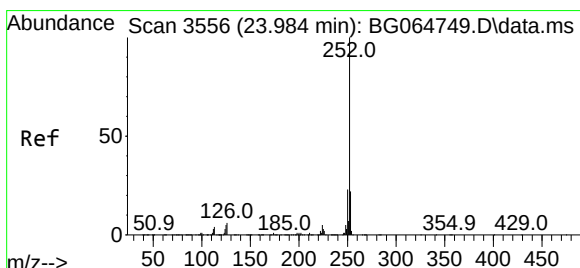
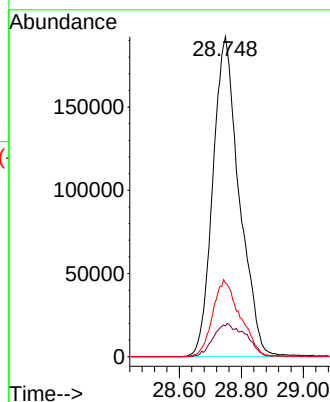
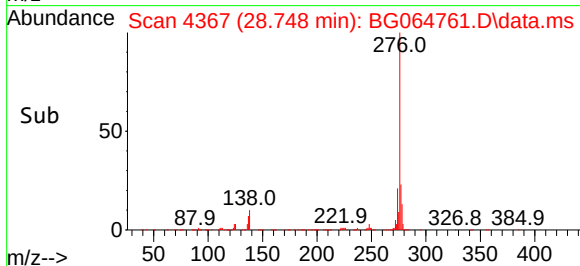
277 25.0 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#88

Benzo(b)fluoranthene

Concen: 47.133 ng

RT: 23.983 min Scan# 3556

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

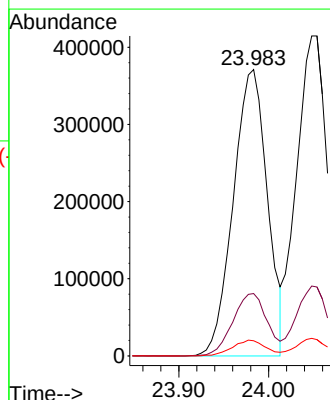
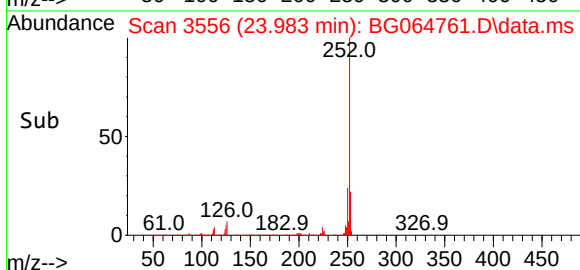
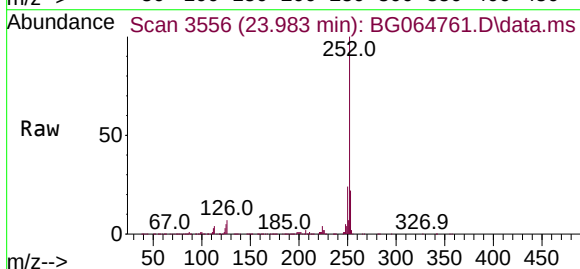
Tgt Ion:252 Resp: 980391

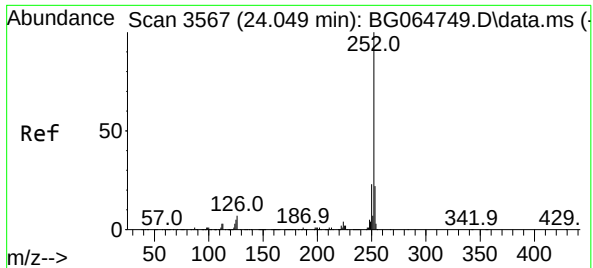
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 5.3 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 48.160 ng

RT: 24.048 min Scan# 3567

Delta R.T. -0.001 min

Lab File: BG064761.D

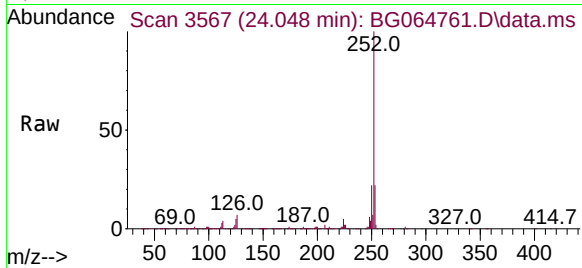
Acq: 13 Nov 2025 18:03

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MS



Tgt Ion:252 Resp: 100642

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

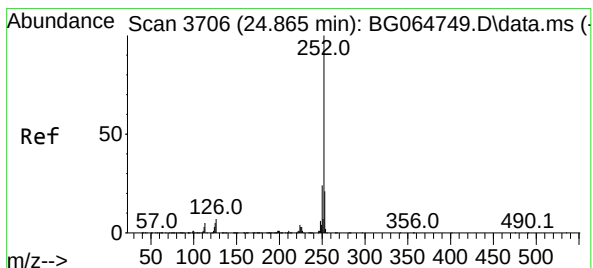
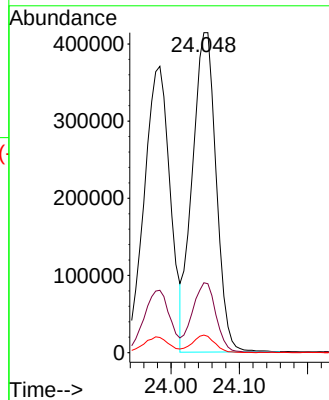
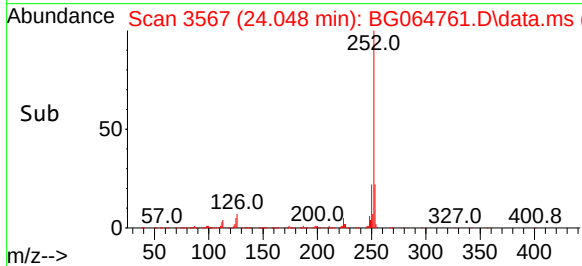
125 5.5 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 48.364 ng

RT: 24.865 min Scan# 3706

Delta R.T. -0.001 min

Lab File: BG064761.D

Acq: 13 Nov 2025 18:03

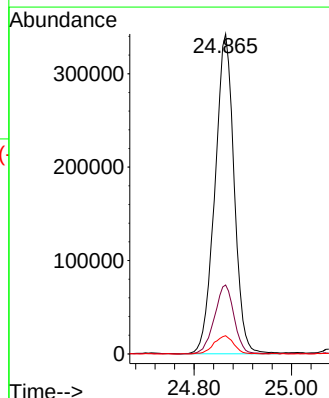
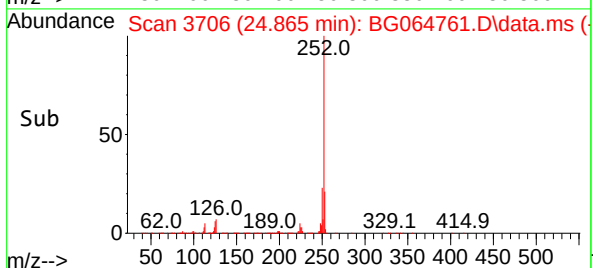
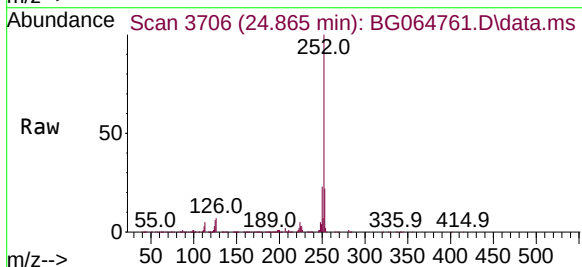
Tgt Ion:252 Resp: 933193

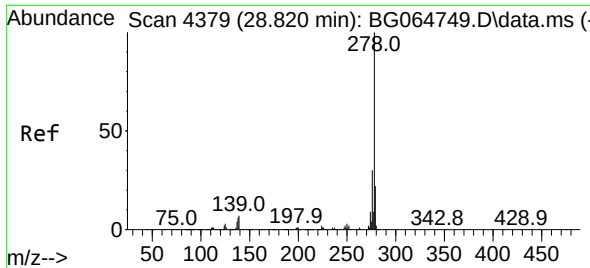
Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

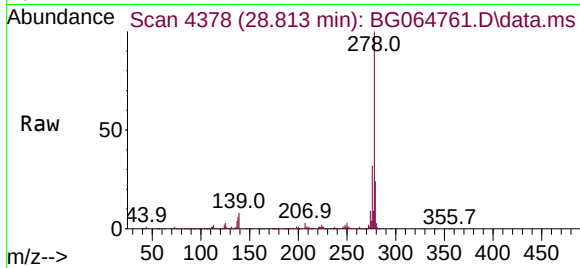
125 5.7 4.2 6.4





#91
Dibenzo(a,h)anthracene
Concen: 50.801 ng
RT: 28.813 min Scan# 4379
Delta R.T. -0.007 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

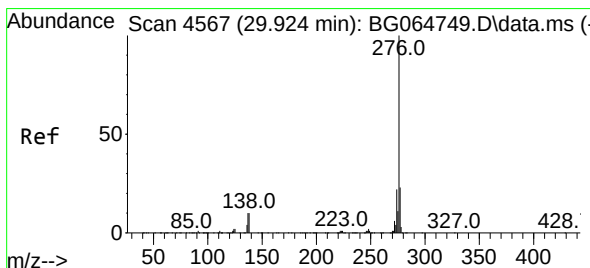
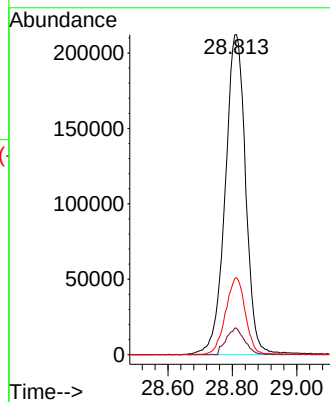
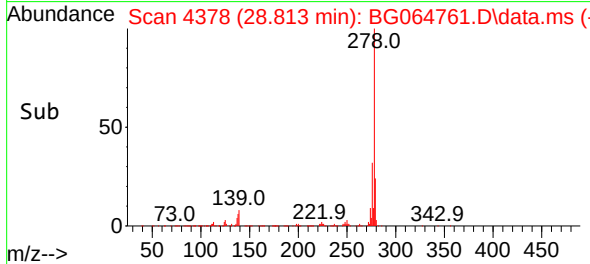
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MS



Tgt Ion:278 Resp: 934555
Ion Ratio Lower Upper
278 100
139 8.3 5.8 8.8
279 24.0 17.3 25.9

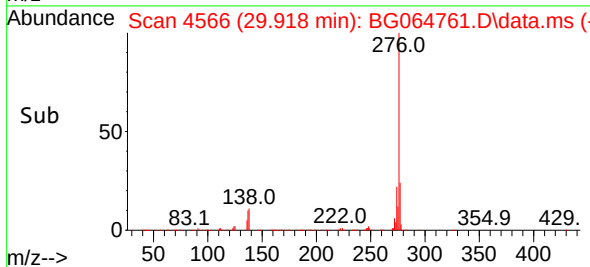
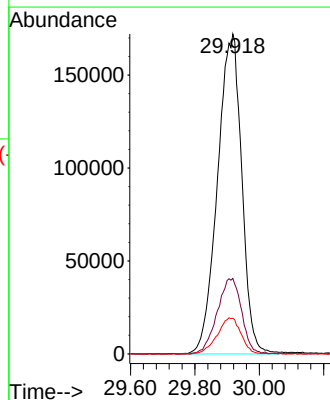
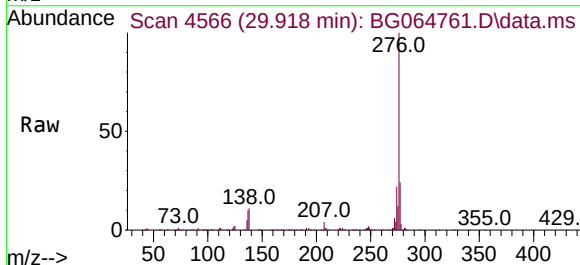
Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 50.739 ng
RT: 29.918 min Scan# 4566
Delta R.T. -0.006 min
Lab File: BG064761.D
Acq: 13 Nov 2025 18:03

Tgt Ion:276 Resp: 898319
Ion Ratio Lower Upper
276 100
277 23.6 18.0 27.0
138 11.1 8.2 12.2



Report of Analysis

Client: Kleinfelder	Date Collected: 11/11/25	
Project: Logan School	Date Received: 11/12/25	
Client Sample ID: AU-713-COMP-05MSD	SDG No.: Q3614	
Lab Sample ID: Q3609-13MSD	Matrix: SOIL	
Analytical Method: 8270E	% Solid: 84.9	
Sample Wt/Vol: 50.06 g	Test: SVOCMS Group1	
Prep Method: SW3541		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	1100		1	16.0	120	ug/Kg	11/13/25 18:43	PB170528
86-73-7	Fluorene	1100		1	17.9	120	ug/Kg	11/13/25 18:43	PB170528
85-01-8	Phenanthrene	1100		1	14.8	120	ug/Kg	11/13/25 18:43	PB170528
120-12-7	Anthracene	1100		1	23.5	120	ug/Kg	11/13/25 18:43	PB170528
129-00-0	Pyrene	1200		1	25.4	120	ug/Kg	11/13/25 18:43	PB170528
56-55-3	Benzo(a)anthracene	1100		1	16.2	120	ug/Kg	11/13/25 18:43	PB170528
218-01-9	Chrysene	1100		1	14.0	120	ug/Kg	11/13/25 18:43	PB170528
205-99-2	Benzo(b)fluoranthene	1100		1	13.4	120	ug/Kg	11/13/25 18:43	PB170528
50-32-8	Benzo(a)pyrene	1100		1	20.8	120	ug/Kg	11/13/25 18:43	PB170528
193-39-5	Indeno(1,2,3-cd)pyrene	1200		1	20.5	120	ug/Kg	11/13/25 18:43	PB170528
191-24-2	Benzo(g,h,i)perylene	1200		1	18.1	120	ug/Kg	11/13/25 18:43	PB170528
SURROGATES									
4165-60-0	Nitrobenzene-d5	67.3			10 - 108	67%	SPK: 100		
321-60-8	2-Fluorobiphenyl	66.3			10 - 108	66%	SPK: 100		
1718-51-0	Terphenyl-d14	75.3			10 - 109	75%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	37200							
1146-65-2	Naphthalene-d8	140000							
15067-26-2	Acenaphthene-d10	114000							
1517-22-2	Phenanthrene-d10	275000							
1719-03-5	Chrysene-d12	306000							
1520-96-3	Perylene-d12	313000							

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\BG111325\
 Data File : BG064762.D
 Acq On : 13 Nov 2025 18:43
 Operator : RC/JU
 Sample : Q3609-13MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 05:02:29 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	8.161	152	37173	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	139653	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	113644	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	275145	20.000	ng	0.00
76) Chrysene-d12	21.757	240	306388	20.000	ng	0.00
86) Perylene-d12	25.012	264	312946	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	221232	103.925	ng	0.00
7) Phenol-d6	7.309	99	297040	104.911	ng	0.00
23) Nitrobenzene-d5	9.324	82	190036	67.280	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	235909	106.437	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	539614	66.255	ng	0.00
79) Terphenyl-d14	20.088	244	1173393	75.335	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.519	88	31674	38.433	ng	94
3) Pyridine	3.937	79	87399	35.593	ng	94
4) n-Nitrosodimethylamine	3.843	42	53275	42.627	ng	95
6) Aniline	7.479	93	76598	20.296	ng	97
8) 2-Chlorophenol	7.726	128	110253	47.168	ng	98
9) Benzaldehyde	7.286	77	59863	32.299	ng	98
10) Phenol	7.338	94	146109	47.428	ng	98
11) bis(2-Chloroethyl)ether	7.573	93	96347	43.951	ng	98
12) 1,3-Dichlorobenzene	8.055	146	121628	45.220	ng	98
13) 1,4-Dichlorobenzene	8.202	146	125338	45.764	ng	97
14) 1,2-Dichlorobenzene	8.519	146	121560	45.775	ng	97
15) Benzyl Alcohol	8.396	79	107924	46.438	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.690	45	220824	42.558	ng	98
17) 2-Methylphenol	8.596	107	99327	45.568	ng	97
18) Hexachloroethane	9.266	117	45711	44.067	ng	98
19) n-Nitroso-di-n-propyla...	8.966	70	84532	44.156	ng	90
20) 3+4-Methylphenols	8.925	107	138816	46.487	ng	95
22) Acetophenone	8.984	105	174541	45.874	ng	# 98
24) Nitrobenzene	9.371	77	131056	45.921	ng	96
25) Isophorone	9.894	82	240040	44.627	ng	98
26) 2-Nitrophenol	10.082	139	62049	48.336	ng	96
27) 2,4-Dimethylphenol	10.135	122	110188	48.316	ng	97
28) bis(2-Chloroethoxy)met...	10.370	93	139724	47.317	ng	99
29) 2,4-Dichlorophenol	10.623	162	122663	50.098	ng	99
30) 1,2,4-Trichlorobenzene	10.840	180	144700	48.942	ng	99
31) Naphthalene	11.034	128	356728	45.061	ng	98
32) Benzoic acid	10.270	122	64976	41.304	ng	94
33) 4-Chloroaniline	11.134	127	29666	9.368	ng	92
34) Hexachlorobutadiene	11.322	225	114584	45.170	ng	96
35) Caprolactam	11.892	113	36448m	49.770	ng	
36) 4-Chloro-3-methylphenol	12.239	107	134410	49.321	ng	95
37) 2-Methylnaphthalene	12.626	142	242596	40.950	ng	100
38) 1-Methylnaphthalene	12.844	142	255110	43.350	ng	100
40) 1,2,4,5-Tetrachloroben...	12.985	216	206420	46.673	ng	100
41) Hexachlorocyclopentadiene	12.973	237	281710	88.865	ng	95
43) 2,4,6-Trichlorophenol	13.220	196	126428	48.706	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064762.D
 Acq On : 13 Nov 2025 18:43
 Operator : RC/JU
 Sample : Q3609-13MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 05:02:29 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	13.290	196	143637	49.338	ng	96
46) 1,1'-Biphenyl	13.613	154	383949	47.039	ng	99
47) 2-Chloronaphthalene	13.660	162	293066	45.574	ng	99
48) 2-Nitroaniline	13.848	65	100233	48.462	ng	96
49) Acenaphthylene	14.501	152	507697	46.214	ng	99
50) Dimethylphthalate	14.225	163	415011	46.230	ng	98
51) 2,6-Dinitrotoluene	14.336	165	85565	49.533	ng	99
52) Acenaphthene	14.841	154	338775	51.431	ng	98
53) 3-Nitroaniline	14.665	138	33838	19.847	ng	90
54) 2,4-Dinitrophenol	14.865	184	100566	84.453	ng	88
55) Dibenzofuran	15.170	168	495201	45.474	ng	99
56) 4-Nitrophenol	14.959	139	129889	96.022	ng	95
57) 2,4-Dinitrotoluene	15.118	165	124626	48.123	ng	97
58) Fluorene	15.817	166	388390	45.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.388	232	148584	51.727	ng	98
60) Diethylphthalate	15.576	149	399151	46.414	ng	98
61) 4-Chlorophenyl-phenyle...	15.799	204	230140	44.899	ng	95
62) 4-Nitroaniline	15.823	138	77487	43.871	ng	97
63) Azobenzene	16.093	77	368405	51.504	ng	97
65) 4,6-Dinitro-2-methylph...	15.881	198	79359	51.948	ng	95
66) n-Nitrosodiphenylamine	16.011	169	357753	49.640	ng	99
67) 4-Bromophenyl-phenylether	16.692	248	176948	48.972	ng	96
68) Hexachlorobenzene	16.816	284	208032	47.521	ng	93
69) Atrazine	16.951	200	165209	47.546	ng	98
70) Pentachlorophenol	17.150	266	248267	94.619	ng	97
71) Phenanthrene	17.544	178	700102	46.506	ng	99
72) Anthracene	17.638	178	718628	46.815	ng	100
73) Carbazole	17.897	167	607483	46.035	ng	99
74) Di-n-butylphthalate	18.449	149	683855	46.450	ng	99
75) Fluoranthene	19.542	202	876881	42.597	ng	100
77) Benzidine	19.706	184	324292	35.342	ng	99
78) Pyrene	19.900	202	911985	53.110	ng	98
80) Butylbenzylphthalate	20.770	149	295307	48.892	ng	97
81) Benzo(a)anthracene	21.733	228	957426	45.957	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	122295	15.949	ng	100
83) Chrysene	21.804	228	902660	45.958	ng	99
84) Bis(2-ethylhexyl)phtha...	21.633	149	405471	45.941	ng	99
85) Di-n-octyl phthalate	22.856	149	660468	43.291	ng	99
87) Indeno(1,2,3-cd)pyrene	28.743	276	1067552	49.652	ng	99
88) Benzo(b)fluoranthene	23.978	252	935320	46.965	ng	100
89) Benzo(k)fluoranthene	24.048	252	938506	46.906	ng	100
90) Benzo(a)pyrene	24.859	252	877547	47.501	ng	98
91) Dibenzo(a,h)anthracene	28.807	278	873954	49.618	ng	95
92) Benzo(g,h,i)perylene	29.906	276	841752	49.657	ng	98

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

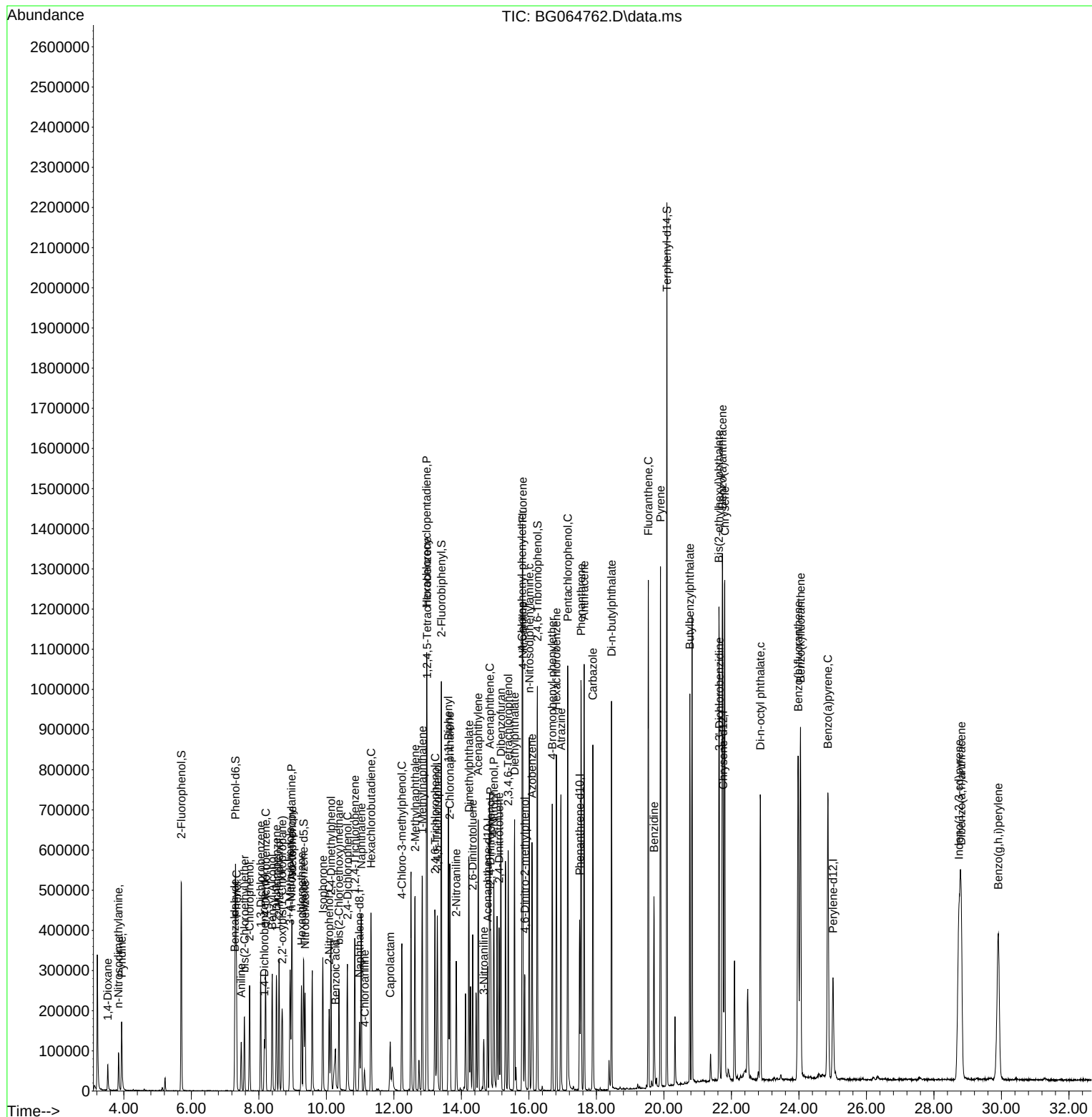
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Data File : BG064762.D  
Acq On    : 13 Nov 2025   18:43  
Operator  : RC/JU  
Sample    : Q3609-13MSD  
Misc      :  
ALS Vial  : 8   Sample Multiplier: 1
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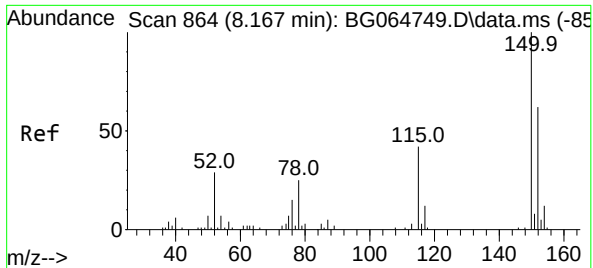
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD

Manual Integrations APPROVED

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

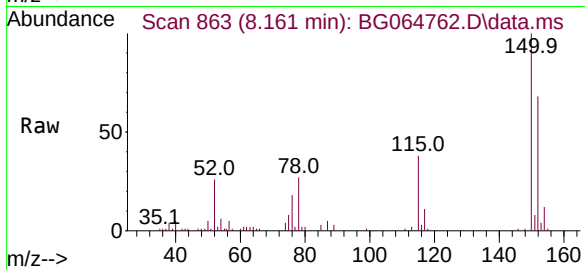
Quant Time: Nov 14 05:02:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

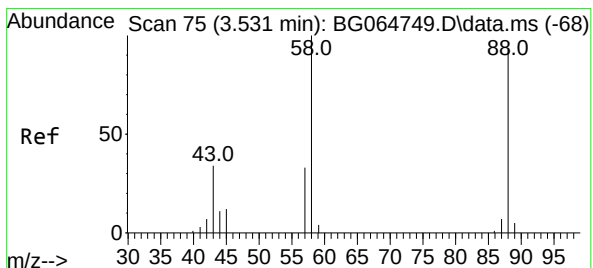
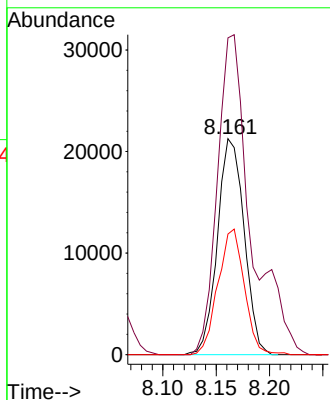
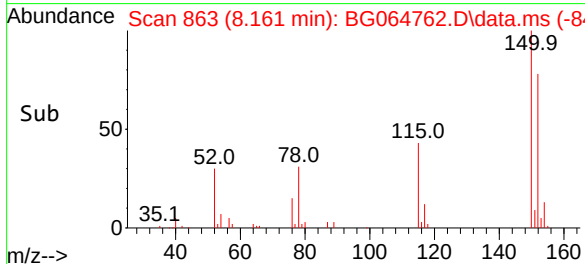
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:152 Resp: 37173
Ion Ratio Lower Upper
152 100
150 146.7 129.2 193.8
115 55.9 53.7 80.5

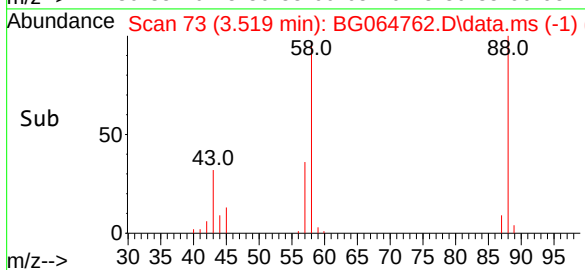
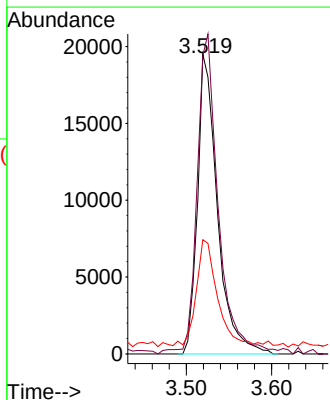
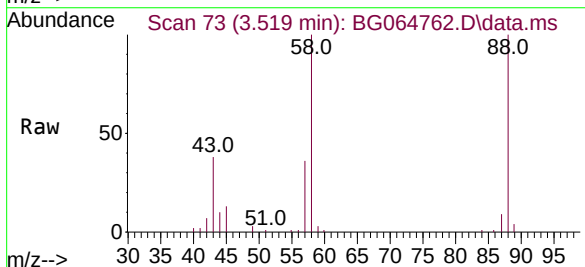
Manual Integrations
APPROVED

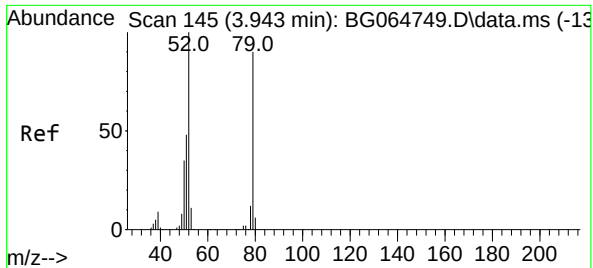
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#2
1,4-Dioxane
Concen: 38.433 ng
RT: 3.519 min Scan# 73
Delta R.T. -0.012 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

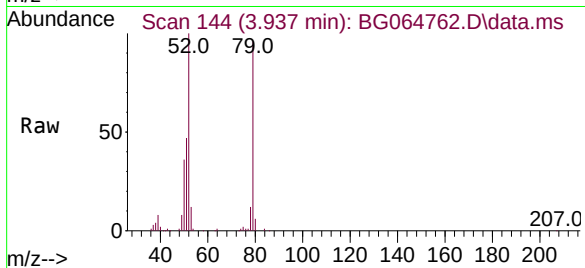
Tgt Ion: 88 Resp: 31674
Ion Ratio Lower Upper
88 100
58 114.2 84.6 126.8
43 37.5 30.0 45.0





#3
Pyridine
Concen: 35.593 ng
RT: 3.937 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

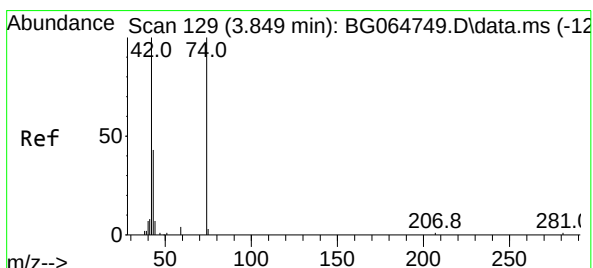
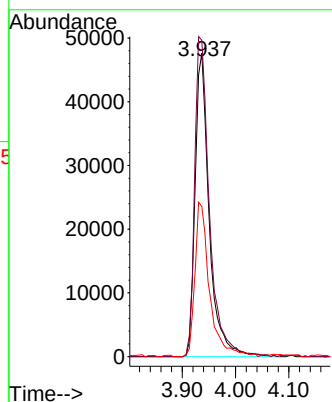
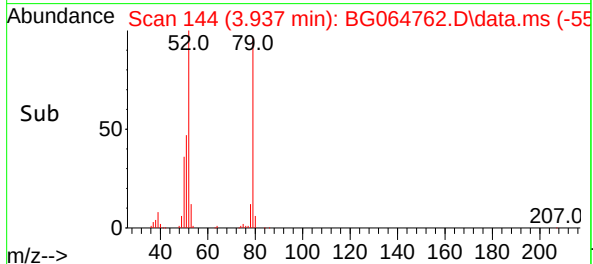
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion: 79 Resp: 87399
Ion Ratio Lower Upper
79 100
52 104.4 89.0 133.4
51 49.5 43.4 65.0

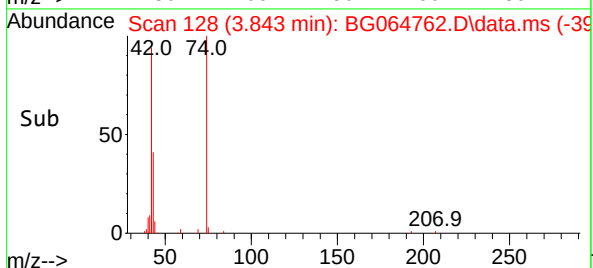
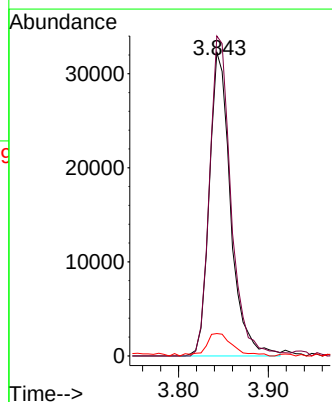
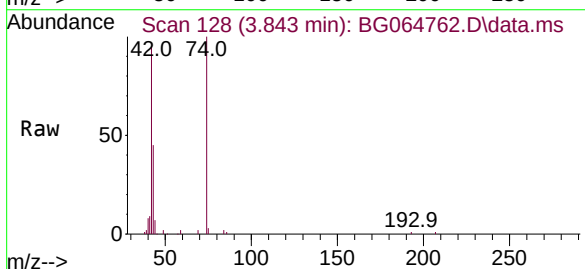
Manual Integrations
APPROVED

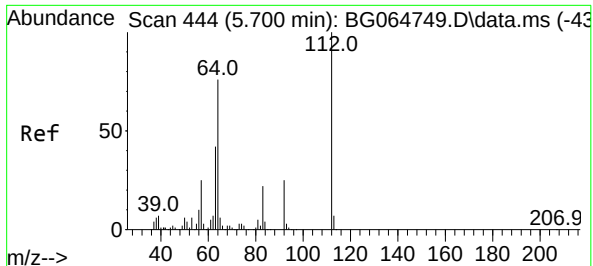
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#4
n-Nitrosodimethylamine
Concen: 42.627 ng
RT: 3.843 min Scan# 128
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

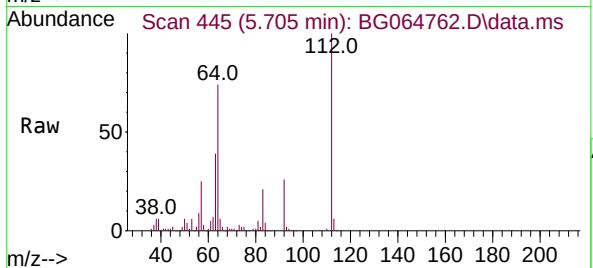
Tgt Ion: 42 Resp: 53275
Ion Ratio Lower Upper
42 100
74 105.4 79.8 119.6
44 7.3 5.9 8.9





#5
2-Fluorophenol
Concen: 103.925 ng
RT: 5.705 min Scan# 444
Delta R.T. 0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

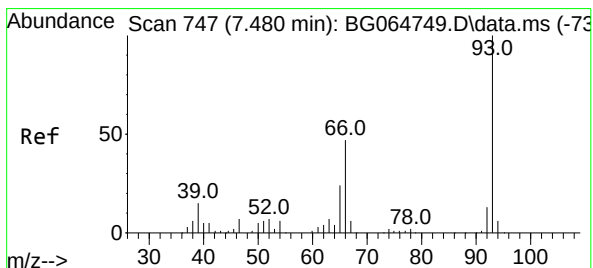
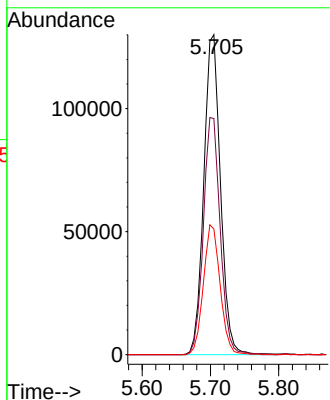
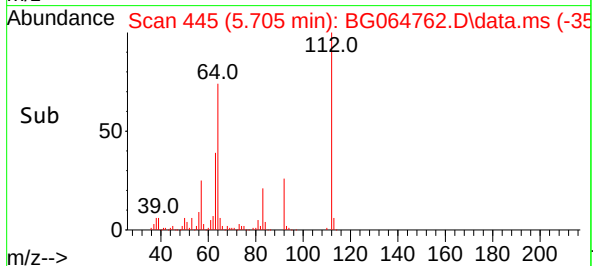
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:112 Resp: 221232
Ion Ratio Lower Upper
112 100
64 73.8 61.0 91.4
63 39.2 33.3 49.9

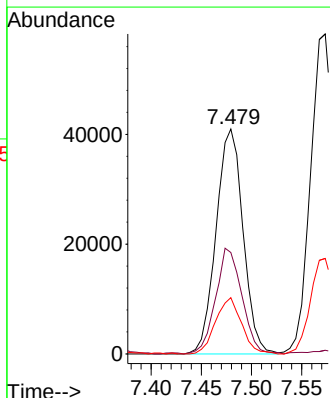
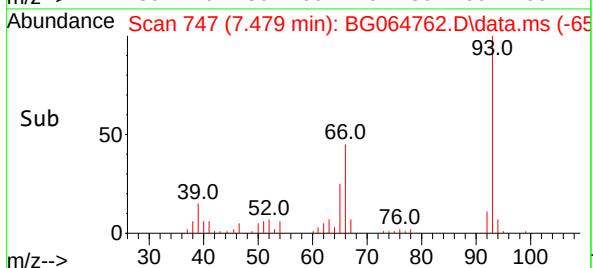
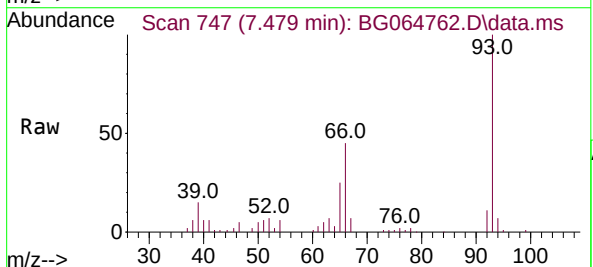
Manual Integrations
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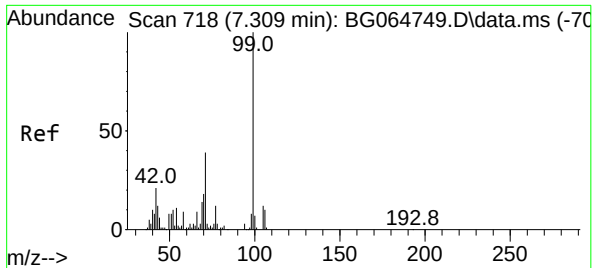
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#6
Aniline
Concen: 20.296 ng
RT: 7.479 min Scan# 747
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

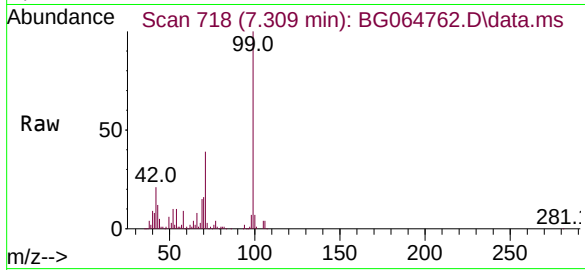
Tgt Ion: 93 Resp: 76598
Ion Ratio Lower Upper
93 100
66 45.1 37.7 56.5
65 25.0 19.1 28.7





#7
Phenol-d6
Concen: 104.911 ng
RT: 7.309 min Scan# 718
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

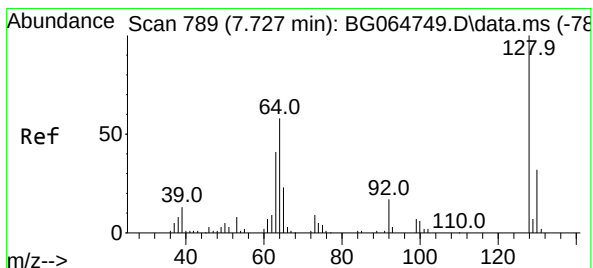
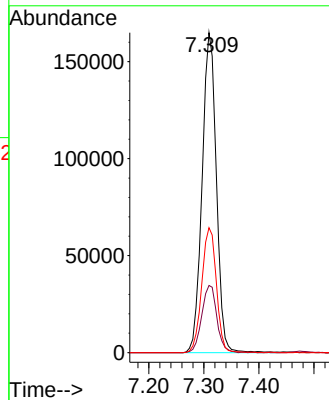
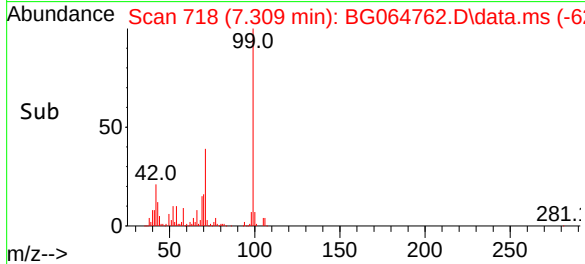
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



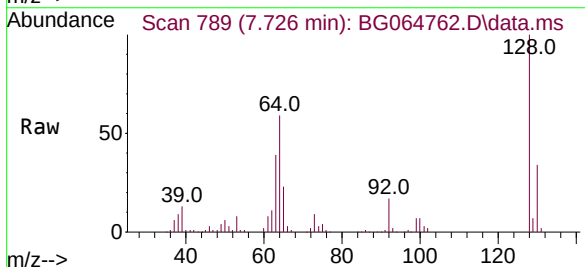
Tgt Ion: 99 Resp: 297040
Ion Ratio Lower Upper
99 100
42 21.0 16.8 25.2
71 39.0 31.1 46.7

Manual Integrations
APPROVED

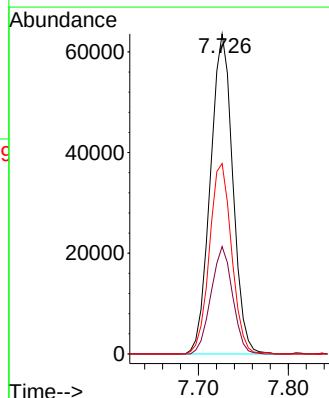
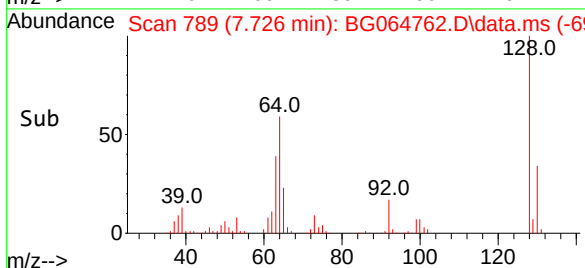
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

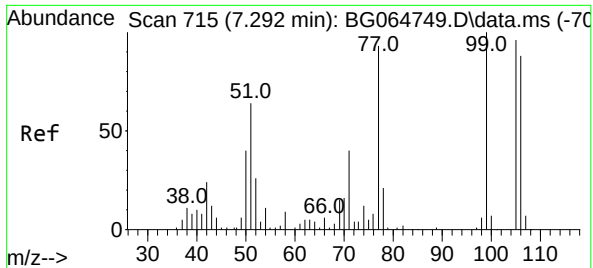


#8
2-Chlorophenol
Concen: 47.168 ng
RT: 7.726 min Scan# 789
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



Tgt Ion:128 Resp: 110253
Ion Ratio Lower Upper
128 100
130 33.5 11.9 51.9
64 59.5 38.4 78.4





#9

Benzaldehyde

Concen: 32.299 ng

RT: 7.286 min Scan# 715

Delta R.T. -0.006 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MSD

Tgt Ion: 77 Resp: 5986

Ion Ratio Lower Upper

77 100

105 102.6 83.8 123.8

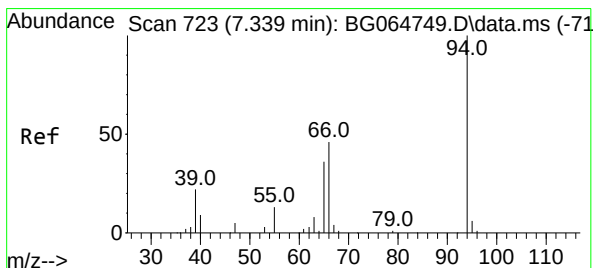
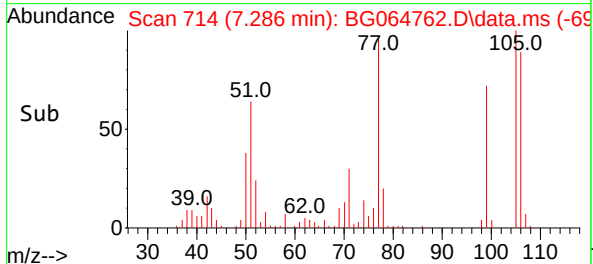
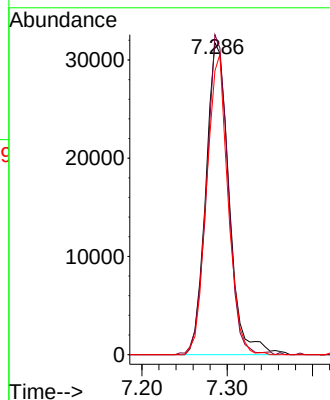
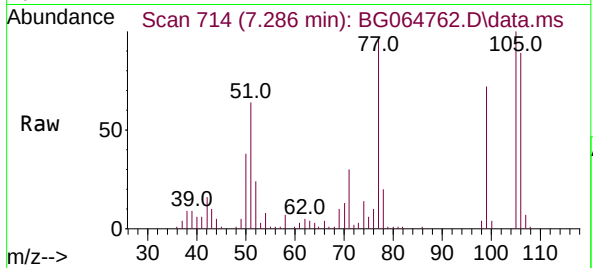
106 91.0 74.3 114.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#10

Phenol

Concen: 47.428 ng

RT: 7.338 min Scan# 723

Delta R.T. -0.000 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

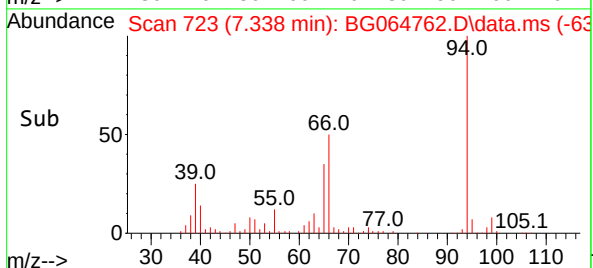
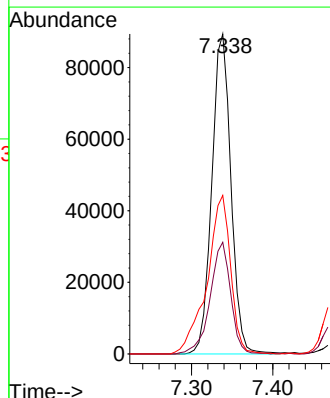
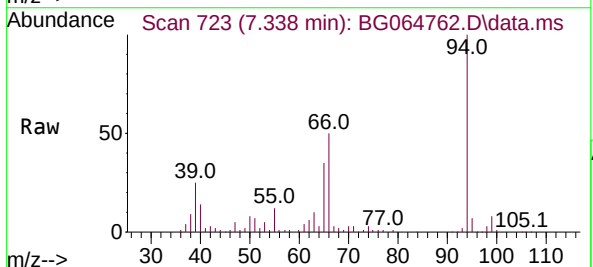
Tgt Ion: 94 Resp: 146109

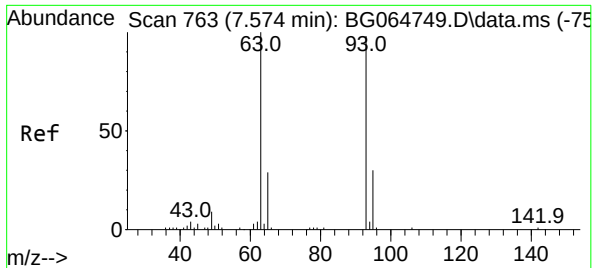
Ion Ratio Lower Upper

94 100

65 34.9 17.0 57.0

66 49.5 29.8 69.8





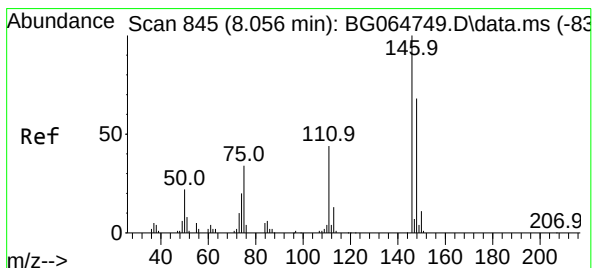
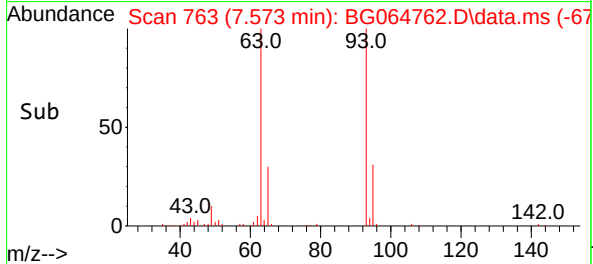
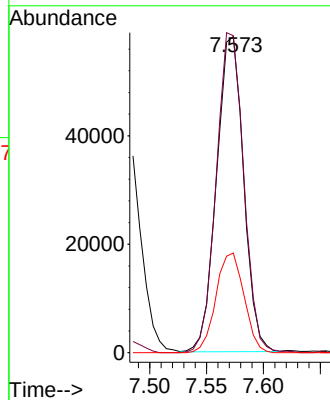
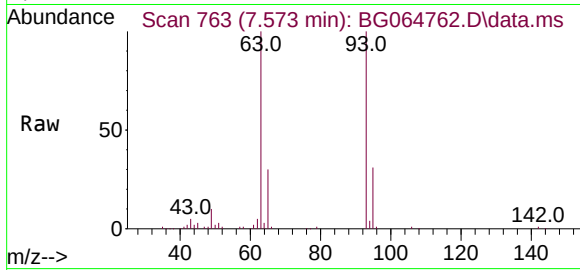
#11
bis(2-Chloroethyl)ether
Concen: 43.951 ng
RT: 7.573 min Scan# 763
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD

Tgt Ion: 93 Resp: 96347
Ion Ratio Lower Upper
93 100
63 100.3 81.8 121.8
95 31.5 10.3 50.3

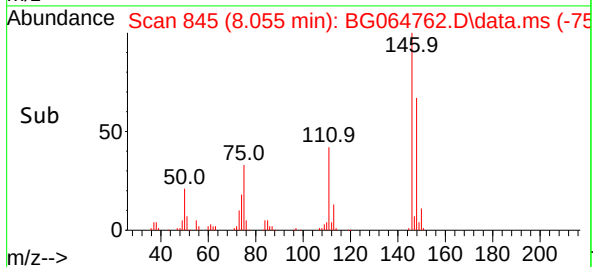
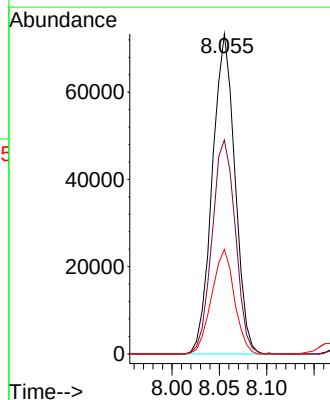
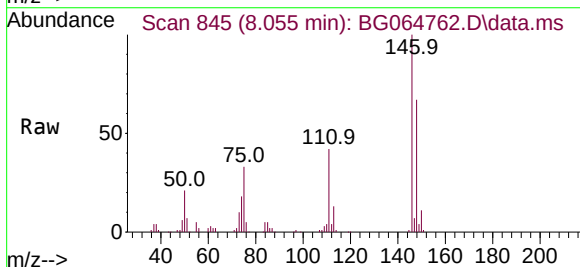
Manual Integrations
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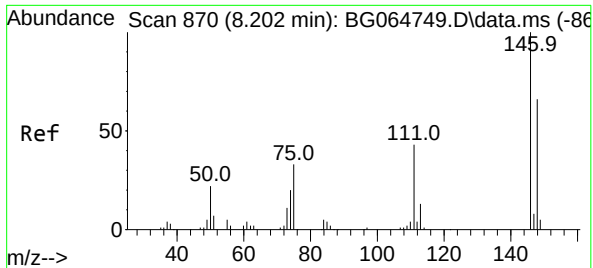
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#12
1,3-Dichlorobenzene
Concen: 45.220 ng
RT: 8.055 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

Tgt Ion:146 Resp: 121628
Ion Ratio Lower Upper
146 100
148 66.8 54.6 82.0
75 32.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 45.764 ng

RT: 8.202 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MSD

Tgt Ion:146 Resp: 125338

Ion Ratio Lower Upper

146 100

148 68.6 53.1 79.7

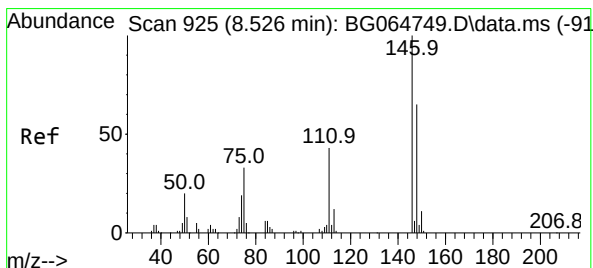
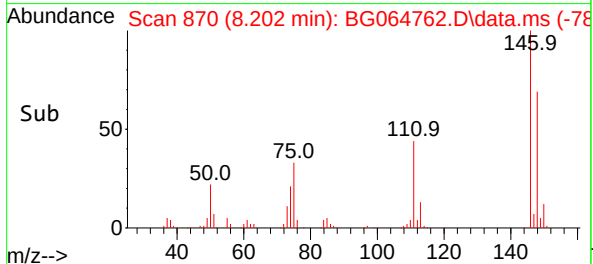
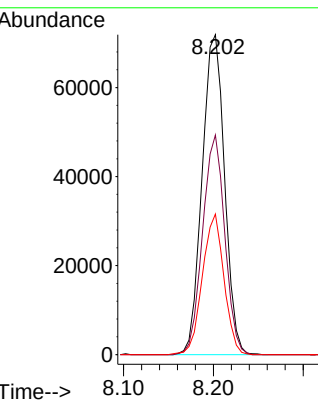
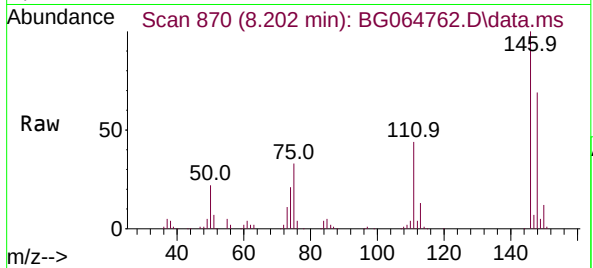
111 43.9 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#14

1,2-Dichlorobenzene

Concen: 45.775 ng

RT: 8.519 min Scan# 924

Delta R.T. -0.006 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

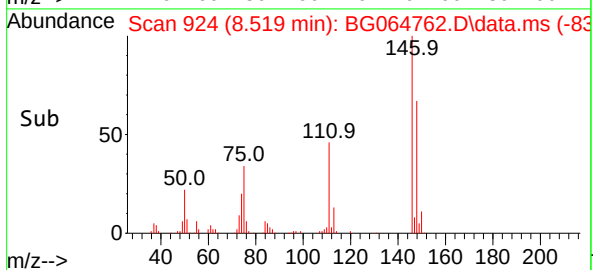
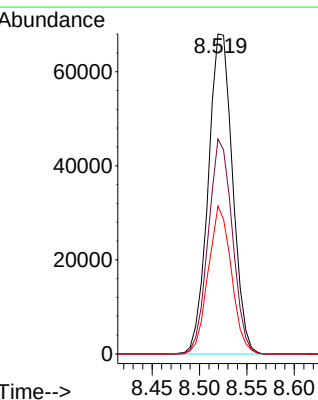
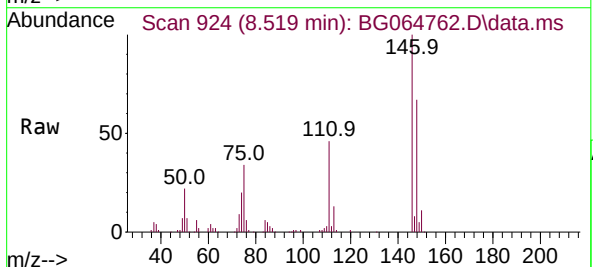
Tgt Ion:146 Resp: 121560

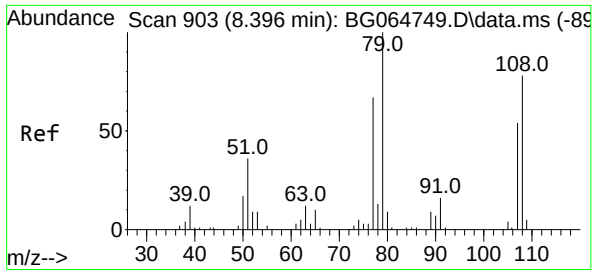
Ion Ratio Lower Upper

146 100

148 67.2 52.0 78.0

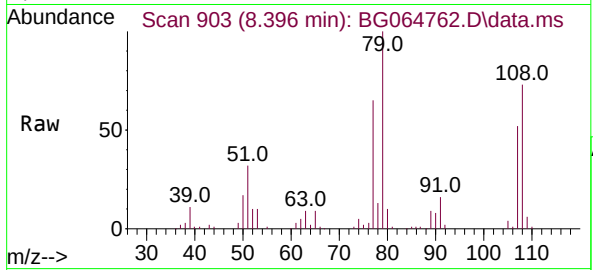
111 46.2 34.7 52.1





#15
Benzyl Alcohol
Concen: 46.438 ng
RT: 8.396 min Scan# 903
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

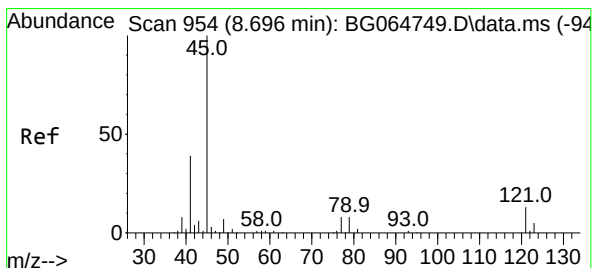
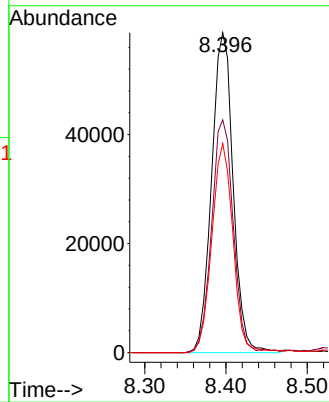
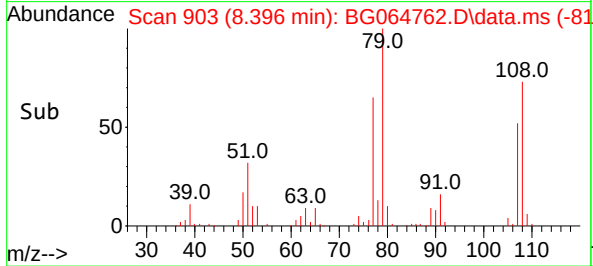
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



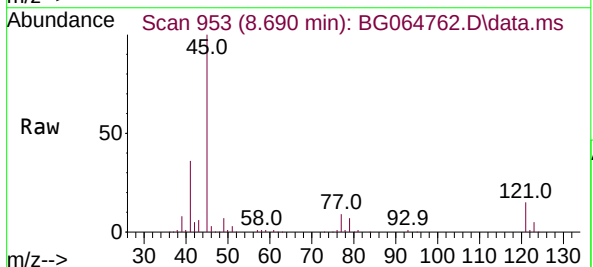
Tgt Ion: 79 Resp: 107924
Ion Ratio Lower Upper
79 100
108 72.7 62.3 93.5
77 65.3 53.5 80.3

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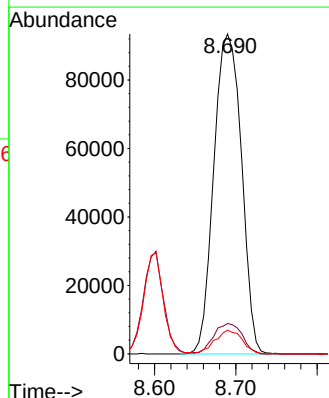
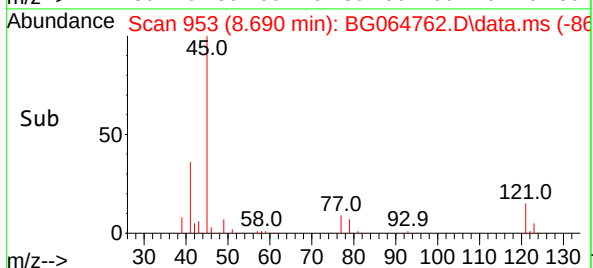
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

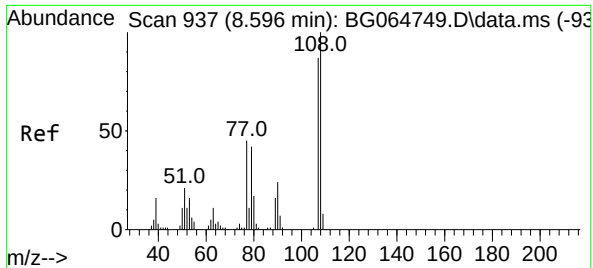


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.558 ng
RT: 8.690 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



Tgt Ion: 45 Resp: 220824
Ion Ratio Lower Upper
45 100
77 9.5 0.0 28.8
79 7.4 0.0 28.1





#17

2-Methylphenol

Concen: 45.568 ng

RT: 8.596 min Scan# 937

Delta R.T. -0.000 min

Lab File: BG064762.D

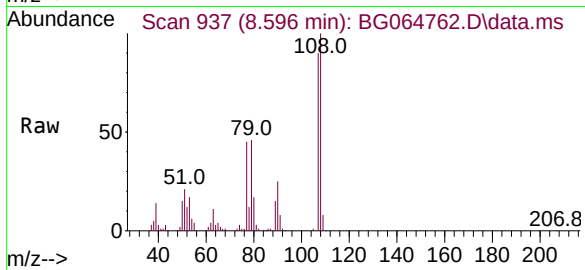
Acq: 13 Nov 2025 18:43

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MSD



Tgt Ion:107 Resp: 9932

Ion Ratio Lower Upper

107 100

108 110.8 92.6 138.8

77 50.3 41.2 61.8

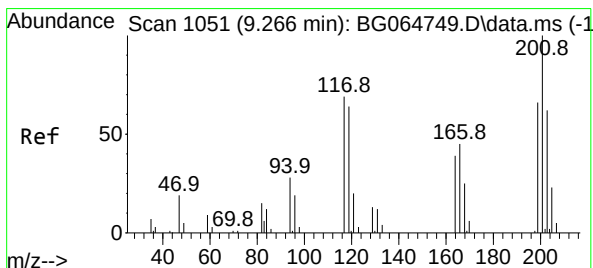
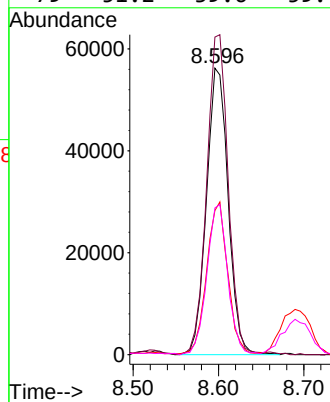
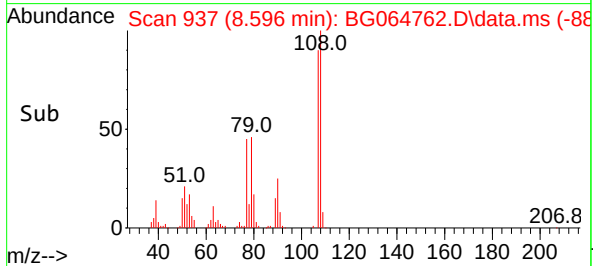
79 51.2 39.6 59.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#18

Hexachloroethane

Concen: 44.067 ng

RT: 9.266 min Scan# 1051

Delta R.T. -0.000 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

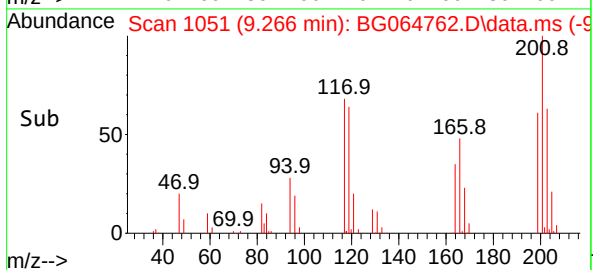
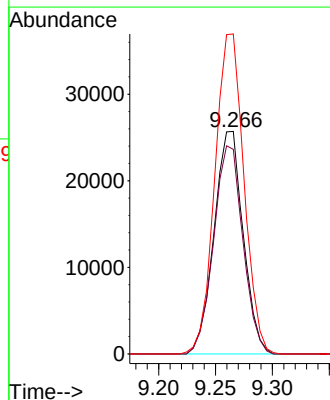
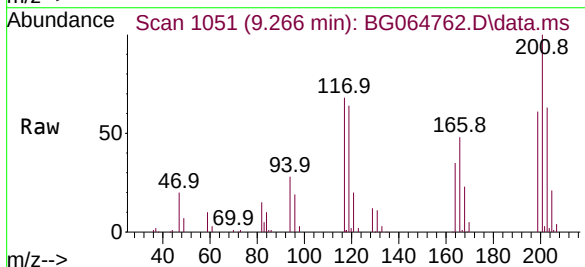
Tgt Ion:117 Resp: 45711

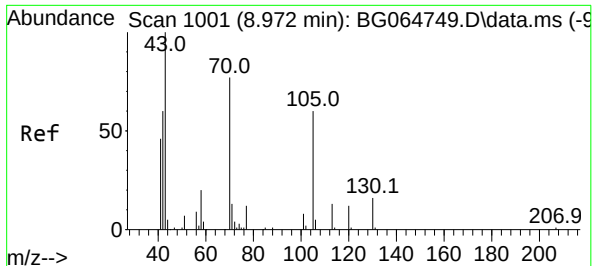
Ion Ratio Lower Upper

117 100

119 91.9 74.4 111.6

201 148.2 116.5 174.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.156 ng

RT: 8.966 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BG064762.D

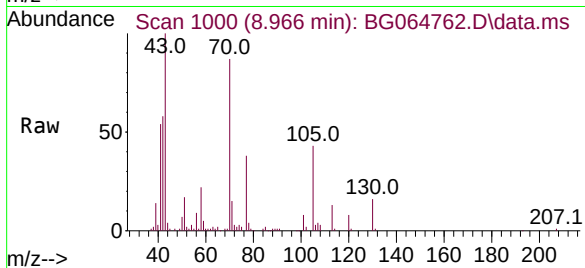
Acq: 13 Nov 2025 18:43

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MSD



Tgt Ion: 70 Resp: 84532

Ion Ratio Lower Upper

70 100

42 67.2 62.6 93.8

101 9.3 8.0 12.0

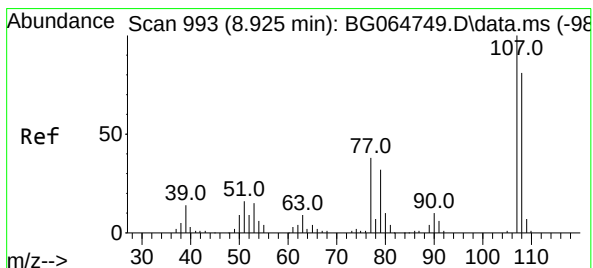
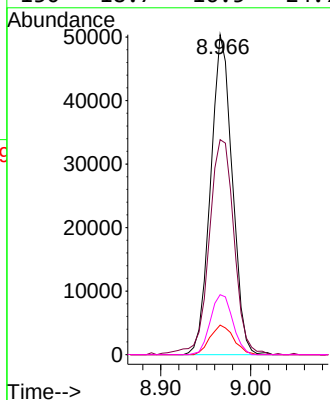
130 18.7 16.5 24.7

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: 46.487 ng

RT: 8.925 min Scan# 993

Delta R.T. -0.000 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

Tgt Ion:107 Resp: 138816

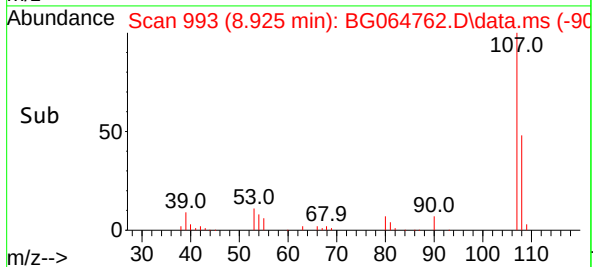
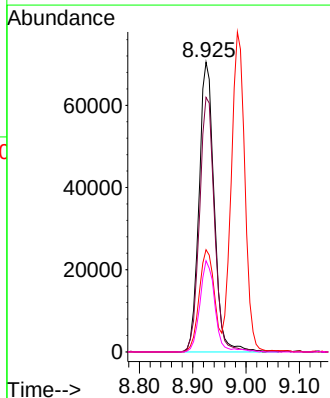
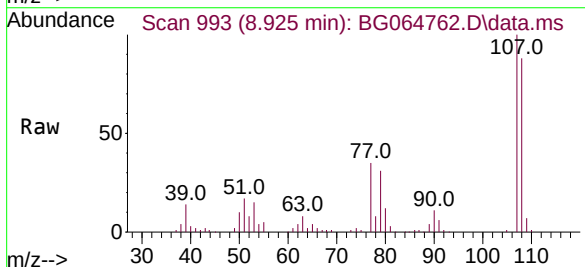
Ion Ratio Lower Upper

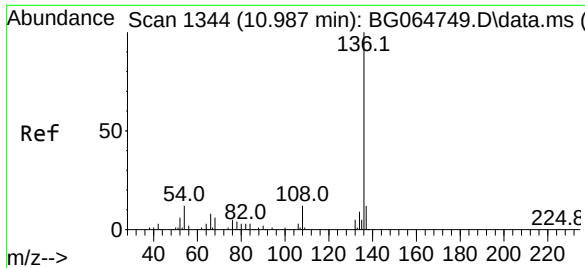
107 100

108 87.9 61.0 101.0

77 35.3 17.6 57.6

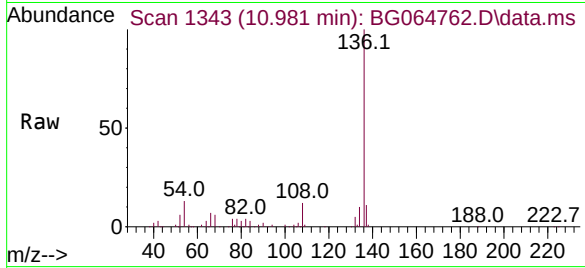
79 31.5 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

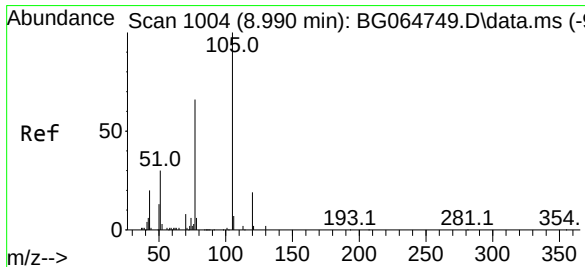
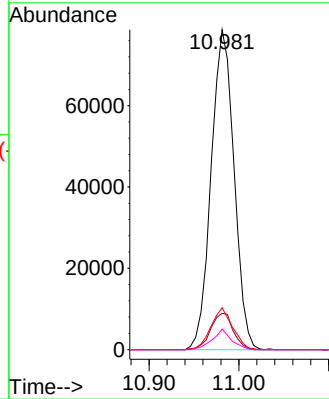
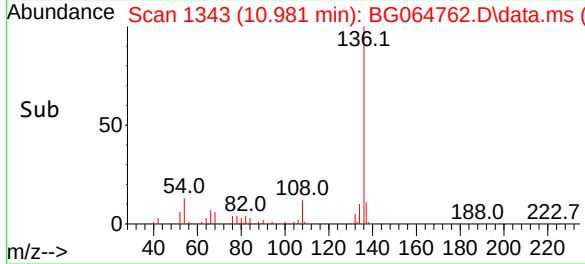
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:136 Resp: 139653
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 13.1 9.3 13.9
68 6.4 5.0 7.6

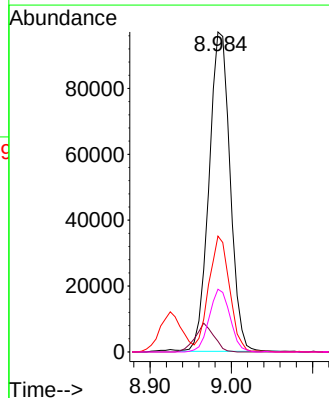
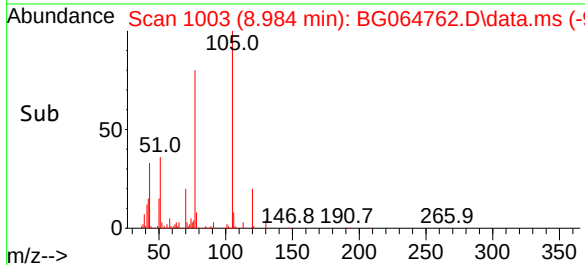
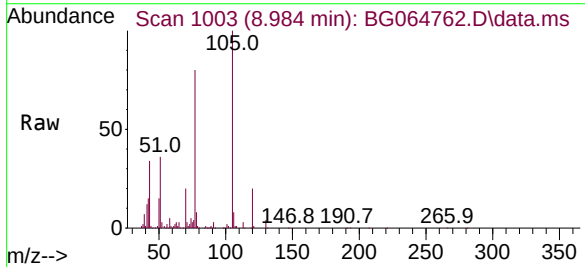
Manual Integrations
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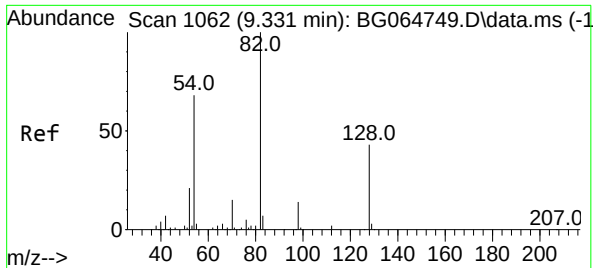
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#22
Acetophenone
Concen: 45.874 ng
RT: 8.984 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

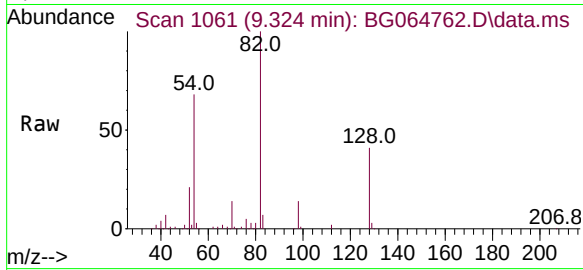
Tgt Ion:105 Resp: 174541
Ion Ratio Lower Upper
105 100
71 3.3 1.3 1.9#
51 36.2 27.9 41.9
120 19.6 15.3 22.9





#23
Nitrobenzene-d5
Concen: 67.280 ng
RT: 9.324 min Scan# 1062
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

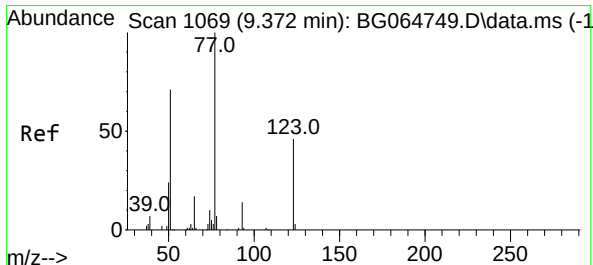
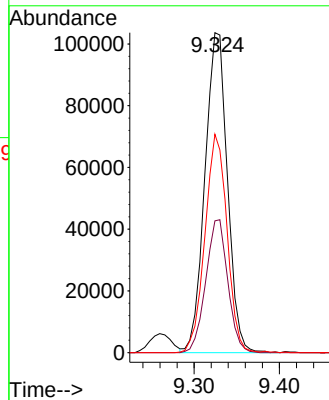
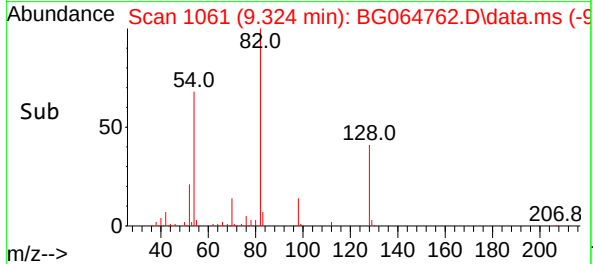
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion: 82 Resp: 190036
Ion Ratio Lower Upper
82 100
128 41.2 34.1 51.1
54 68.2 54.3 81.5

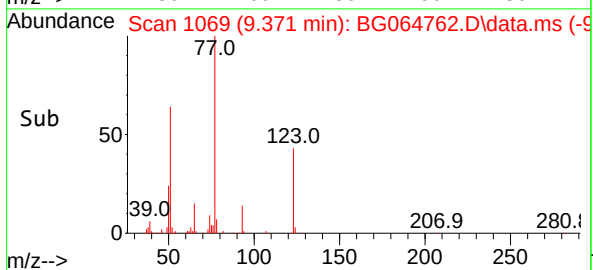
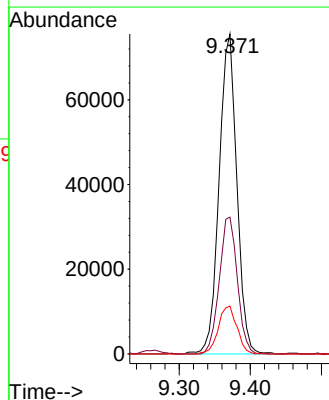
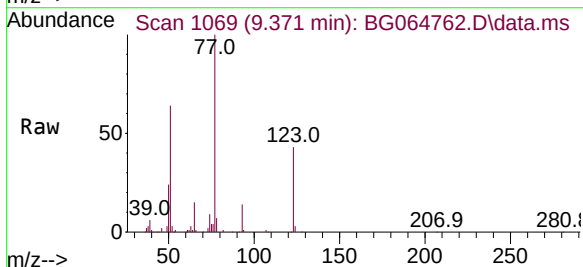
Manual Integrations
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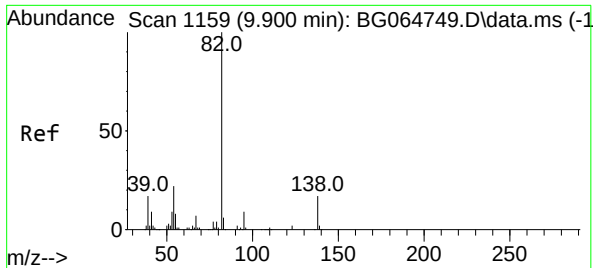
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#24
Nitrobenzene
Concen: 45.921 ng
RT: 9.371 min Scan# 1069
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

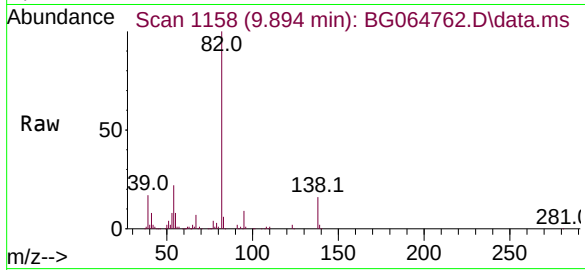
Tgt Ion: 77 Resp: 131056
Ion Ratio Lower Upper
77 100
123 42.7 36.5 54.7
65 14.9 13.5 20.3





#25
Isophorone
Concen: 44.627 ng
RT: 9.894 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

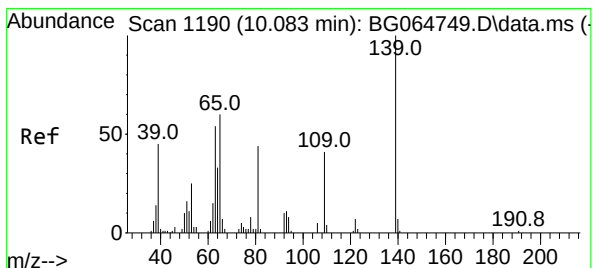
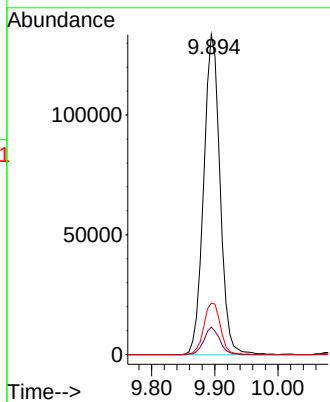
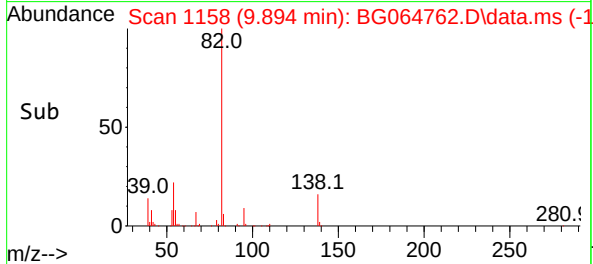
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion: 82 Resp: 240040
Ion Ratio Lower Upper
82 100
95 8.6 6.9 10.3
138 16.1 13.9 20.9

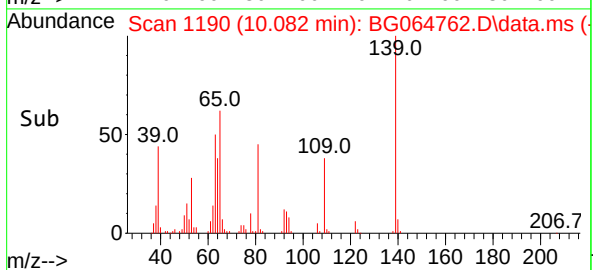
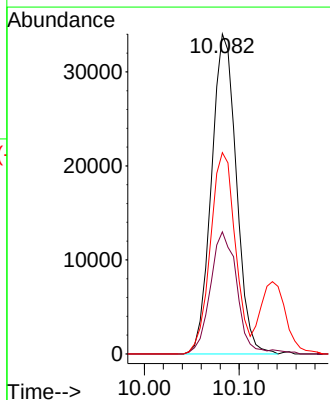
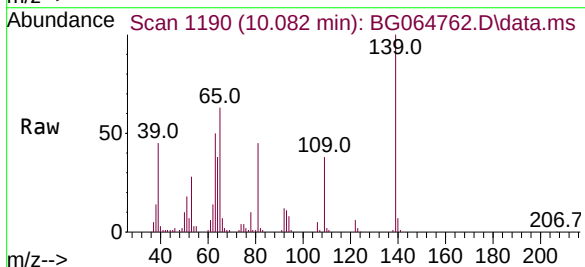
Manual Integrations
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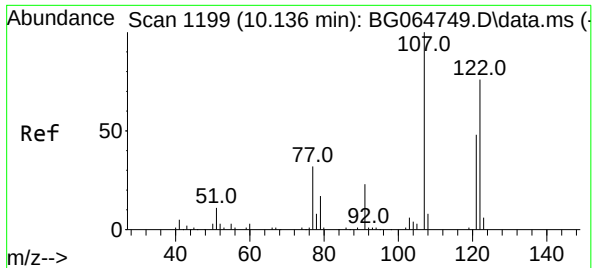
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#26
2-Nitrophenol
Concen: 48.336 ng
RT: 10.082 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

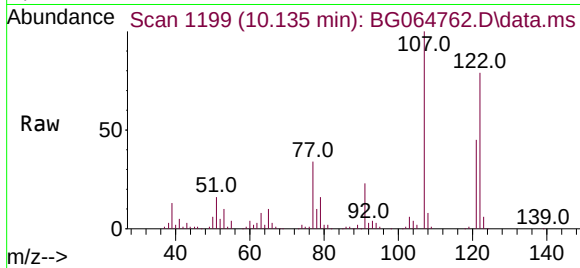
Tgt Ion:139 Resp: 62049
Ion Ratio Lower Upper
139 100
109 38.1 32.5 48.7
65 62.9 47.6 71.4





#27
2,4-Dimethylphenol
Concen: 48.316 ng
RT: 10.135 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

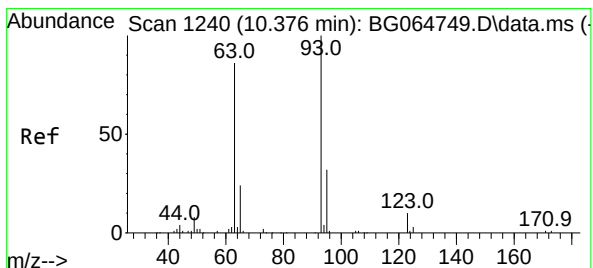
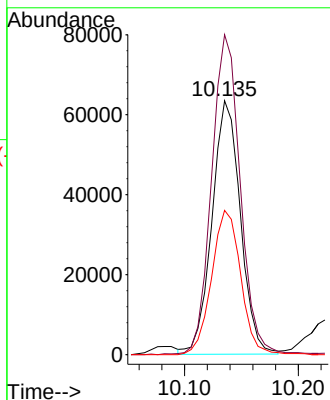
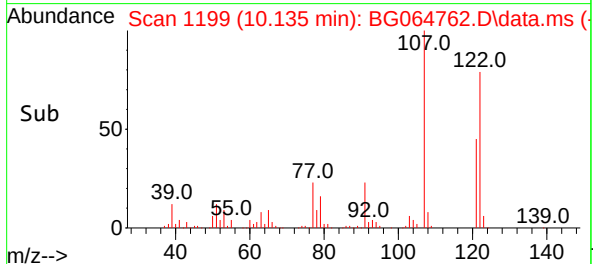
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



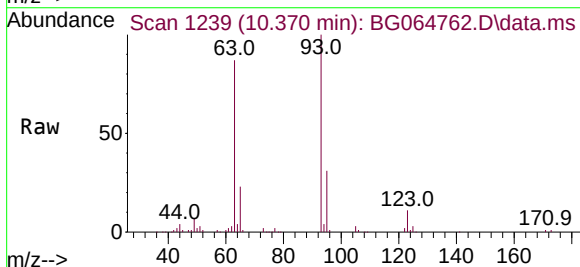
Tgt Ion:122 Resp: 110188
Ion Ratio Lower Upper
122 100
107 126.0 102.5 153.7
121 56.8 49.0 73.6

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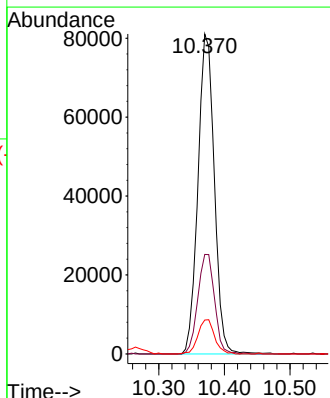
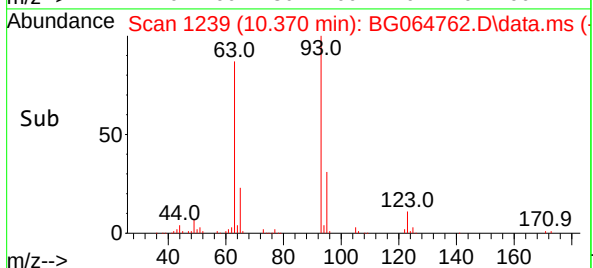
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

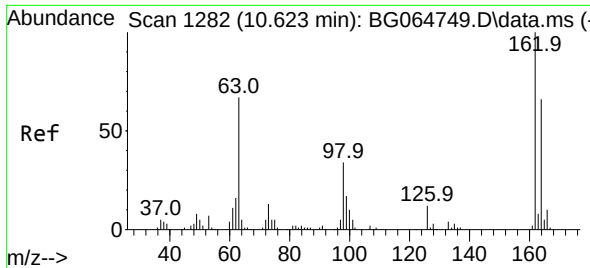


#28
bis(2-Chloroethoxy)methane
Concen: 47.317 ng
RT: 10.370 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



Tgt Ion: 93 Resp: 139724
Ion Ratio Lower Upper
93 100
95 31.1 25.4 38.2
123 10.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 50.098 ng

RT: 10.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MSD

Tgt Ion:162 Resp: 122663

Ion Ratio Lower Upper

162 100

164 66.9 46.0 86.0

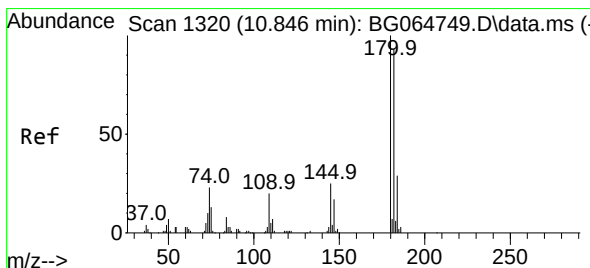
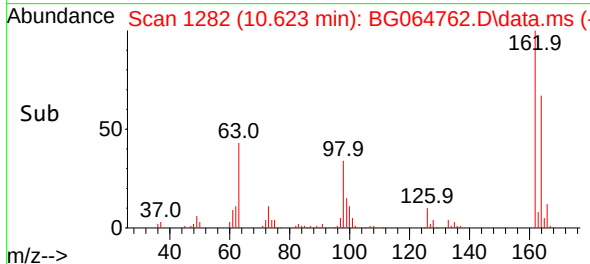
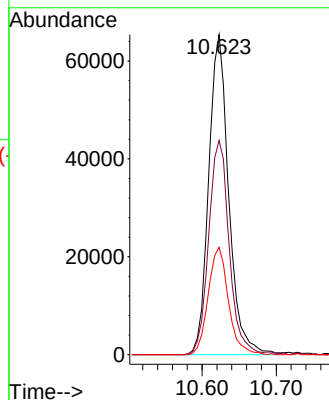
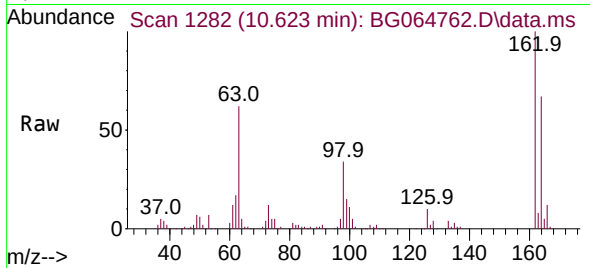
98 33.5 14.2 54.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.942 ng

RT: 10.840 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

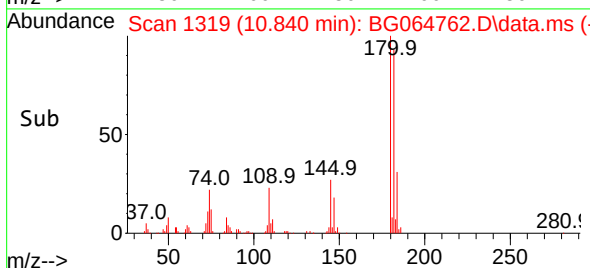
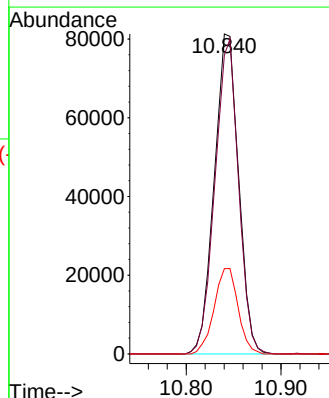
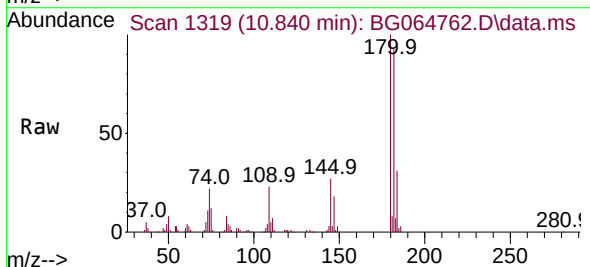
Tgt Ion:180 Resp: 144700

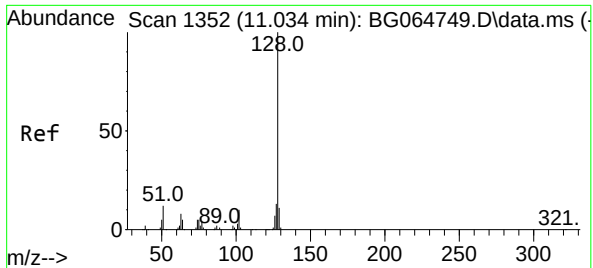
Ion Ratio Lower Upper

180 100

182 93.3 74.2 111.4

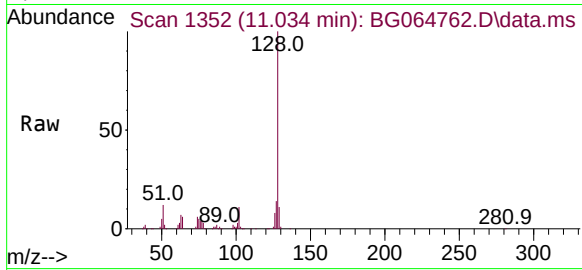
145 26.6 20.0 30.0





#31
Naphthalene
Concen: 45.061 ng
RT: 11.034 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

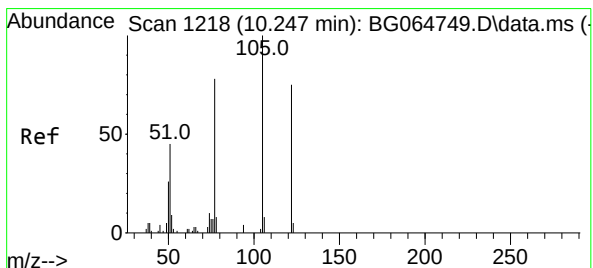
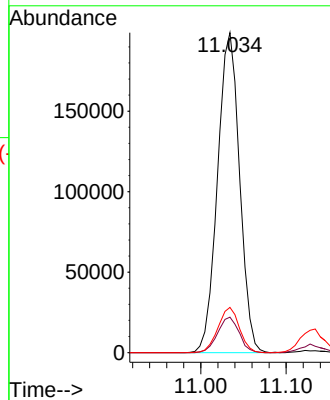
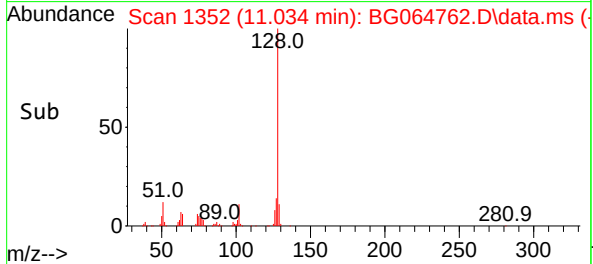
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:128 Resp: 356728
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.1 10.6 16.0

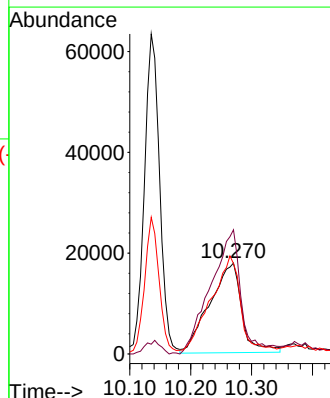
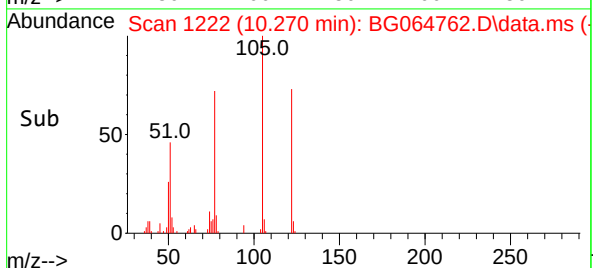
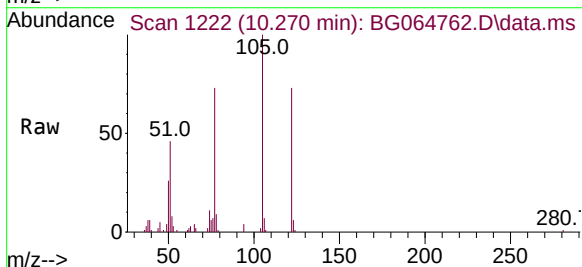
Manual Integrations
APPROVED

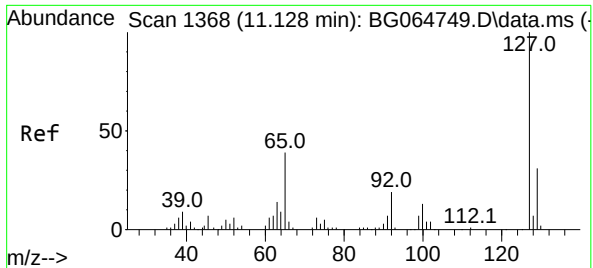
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#32
Benzoic acid
Concen: 41.304 ng
RT: 10.270 min Scan# 1222
Delta R.T. 0.023 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

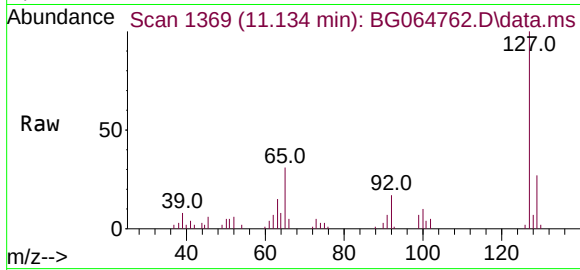
Tgt Ion:122 Resp: 64976
Ion Ratio Lower Upper
122 100
105 136.8 107.6 147.6
77 99.6 82.5 122.5





#33
4-Chloroaniline
Concen: 9.368 ng
RT: 11.134 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

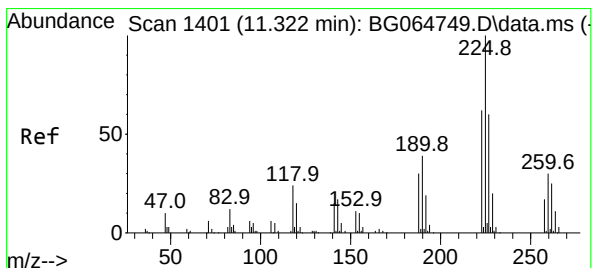
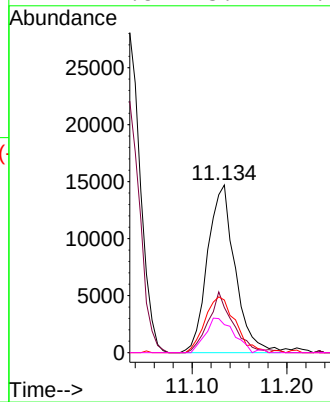
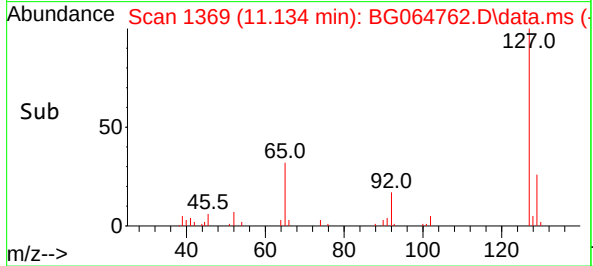
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



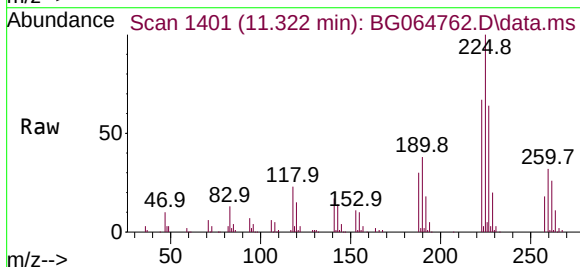
Tgt Ion:127 Resp: 29666
Ion Ratio Lower Upper
127 100
129 26.9 24.9 37.3
65 31.4 30.9 46.3
92 17.8 15.1 22.7

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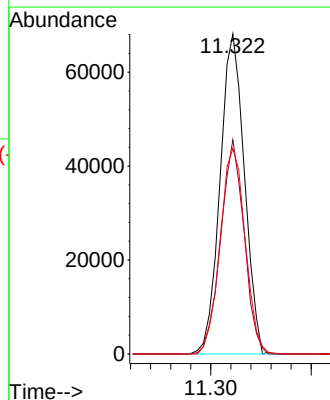
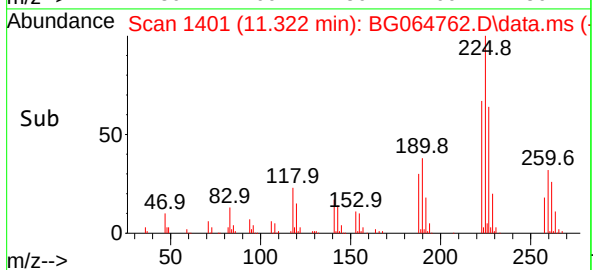
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

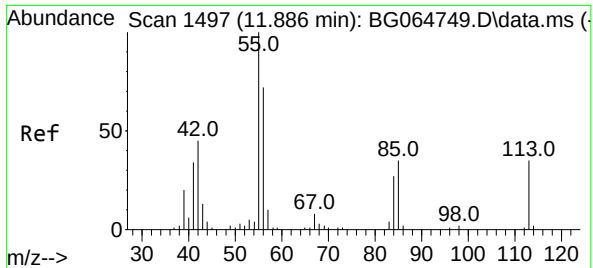


#34
Hexachlorobutadiene
Concen: 45.170 ng
RT: 11.322 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



Tgt Ion:225 Resp: 114584
Ion Ratio Lower Upper
225 100
223 66.9 49.9 74.9
227 64.2 50.6 75.8





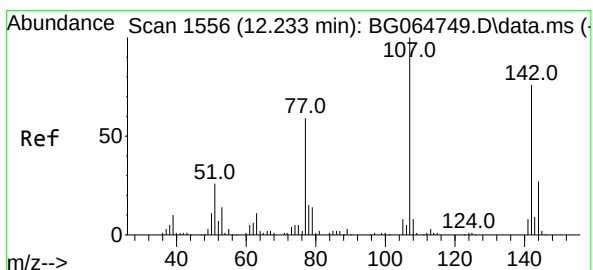
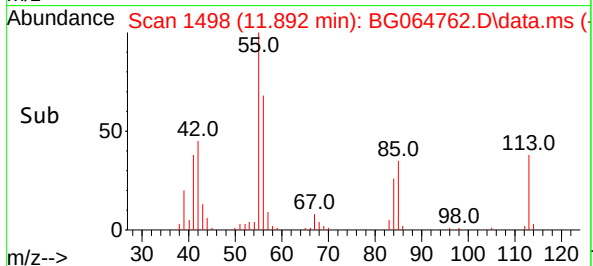
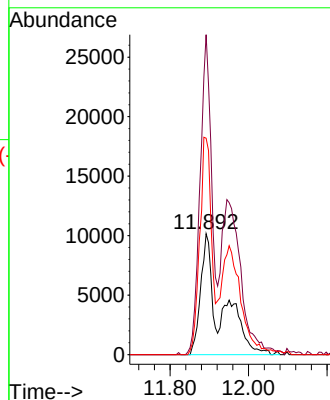
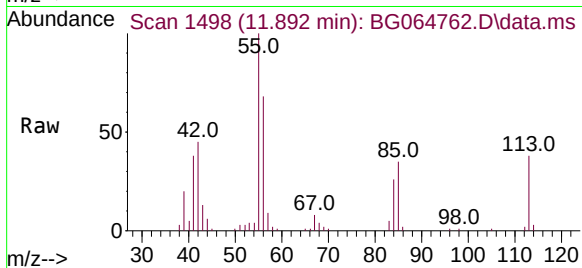
#35
Caprolactam
Concen: 49.770 ng m
RT: 11.892 min Scan# 1497
Delta R.T. 0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD

Tgt Ion:113 Resp: 36448
Ion Ratio Lower Upper
113 100
55 264.7 263.7 303.7
56 178.9 184.0 224.0

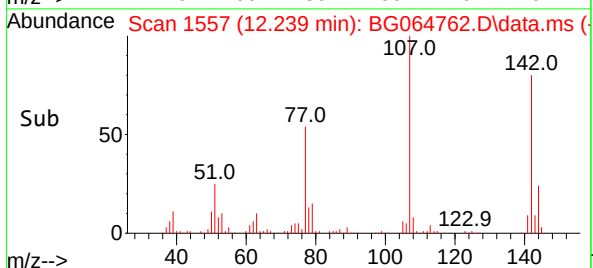
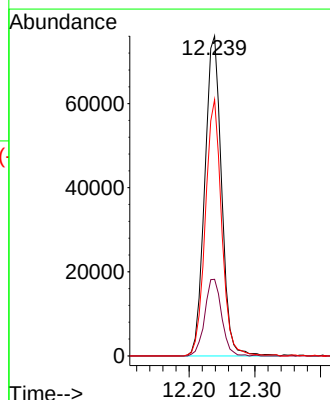
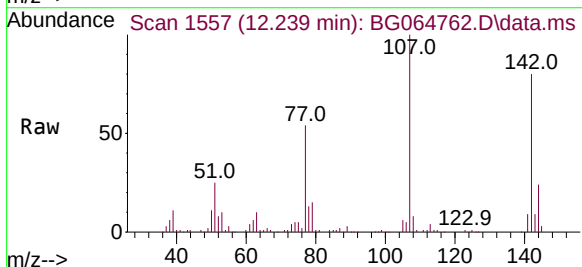
Manual Integrations
APPROVED

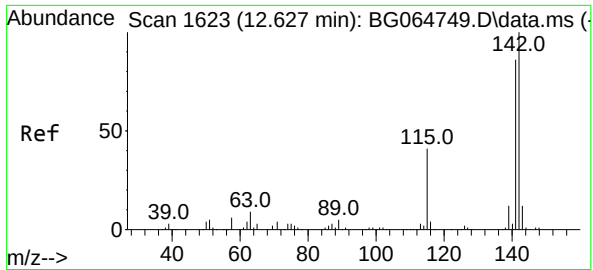
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#36
4-Chloro-3-methylphenol
Concen: 49.321 ng
RT: 12.239 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

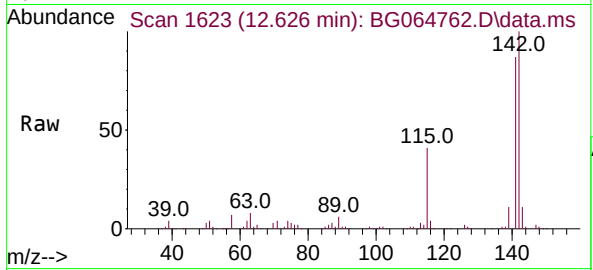
Tgt Ion:107 Resp: 134410
Ion Ratio Lower Upper
107 100
144 23.9 21.7 32.5
142 80.1 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.950 ng
RT: 12.626 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

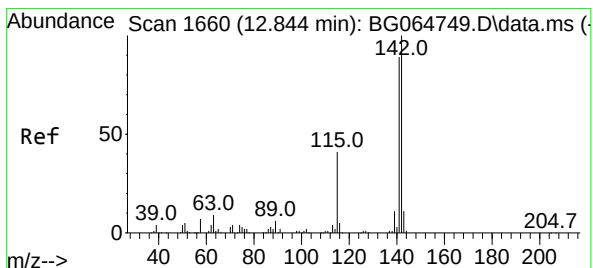
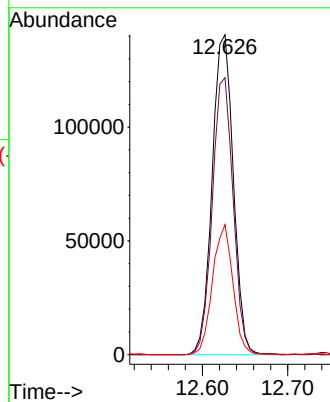
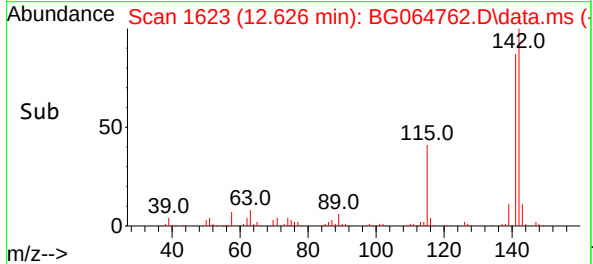
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:142 Resp: 242596
Ion Ratio Lower Upper
142 100
141 86.5 69.1 103.7
115 40.7 32.9 49.3

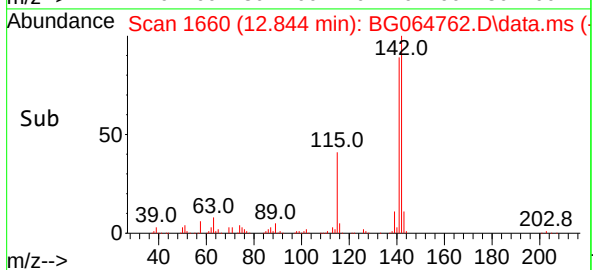
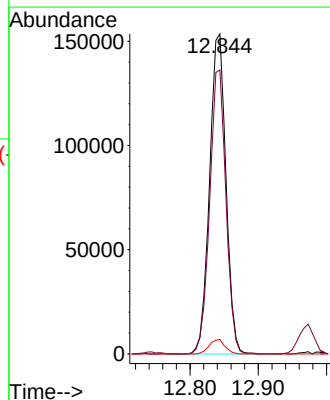
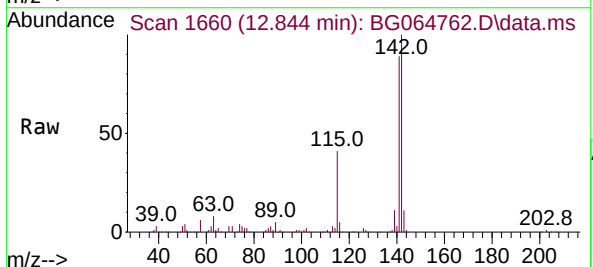
Manual Integrations
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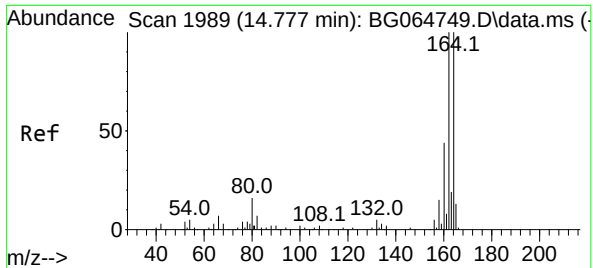
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#38
1-Methylnaphthalene
Concen: 43.350 ng
RT: 12.844 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

Tgt Ion:142 Resp: 255110
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
116 4.5 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: BG064762.D

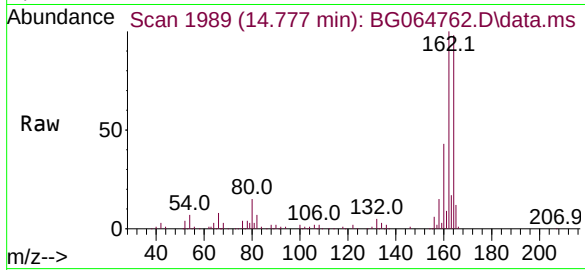
Acq: 13 Nov 2025 18:43

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MSD



Tgt Ion:164 Resp: 113644

Ion Ratio Lower Upper

164 100

162 102.1 79.8 119.6

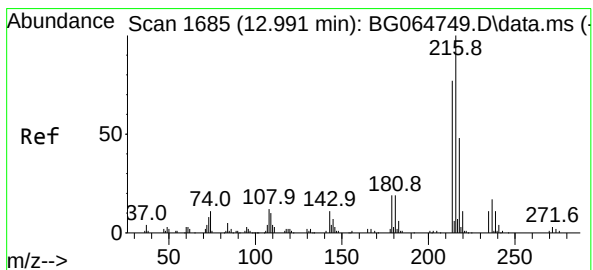
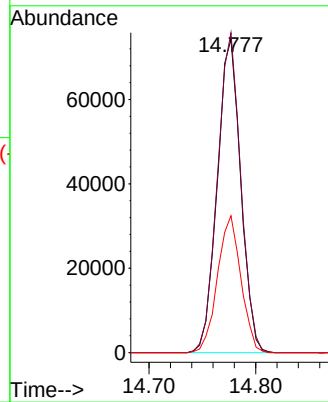
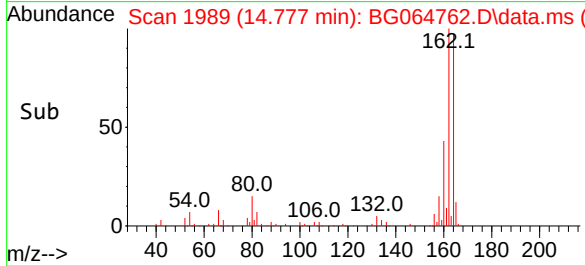
160 43.7 34.9 52.3

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

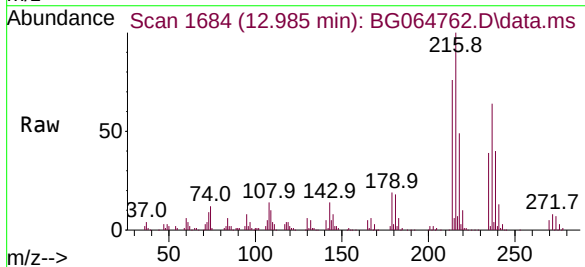
Concen: 46.673 ng

RT: 12.985 min Scan# 1684

Delta R.T. -0.006 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43



Tgt Ion:216 Resp: 206420

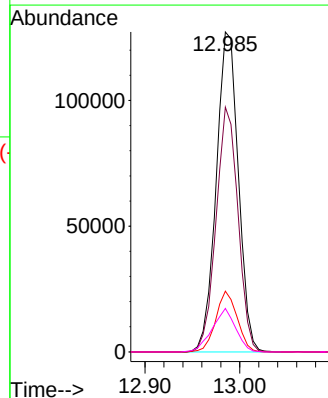
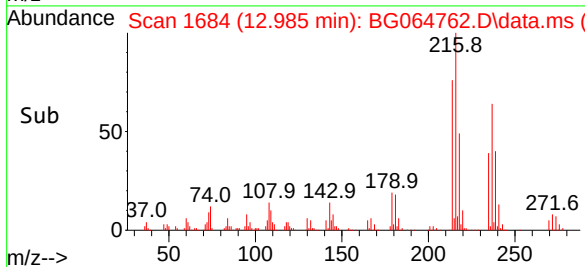
Ion Ratio Lower Upper

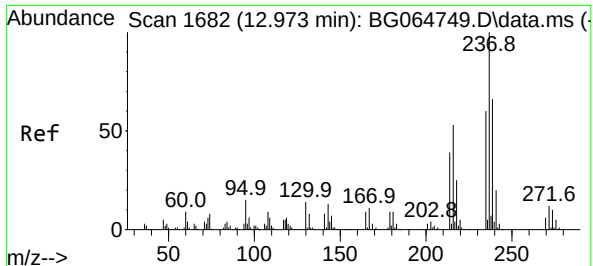
216 100

214 75.6 60.5 90.7

179 18.3 14.7 22.1

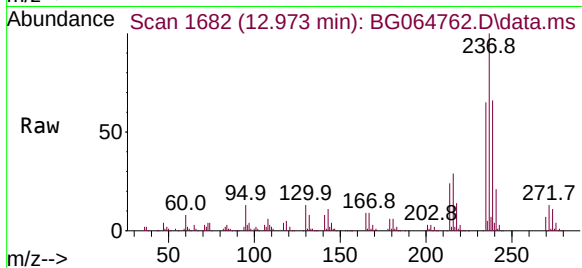
108 14.4 10.6 16.0





#41
Hexachlorocyclopentadiene
Concen: 88.865 ng
RT: 12.973 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

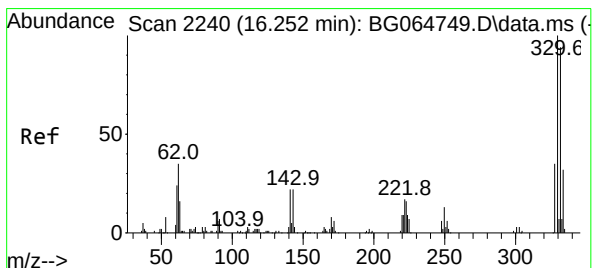
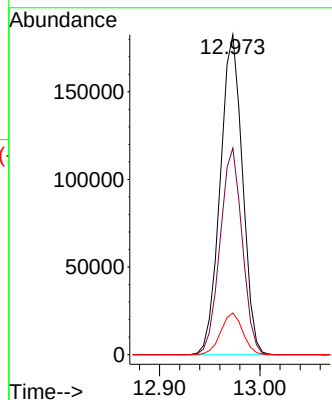
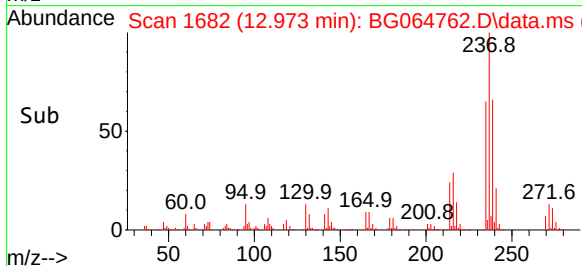
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



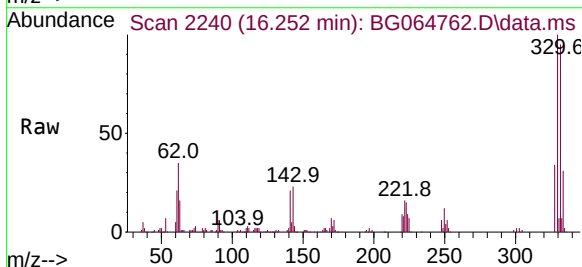
Tgt Ion:237 Resp: 281710
Ion Ratio Lower Upper
237 100
235 64.5 40.2 80.2
272 13.0 0.0 31.9

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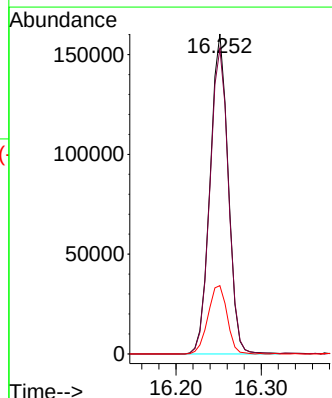
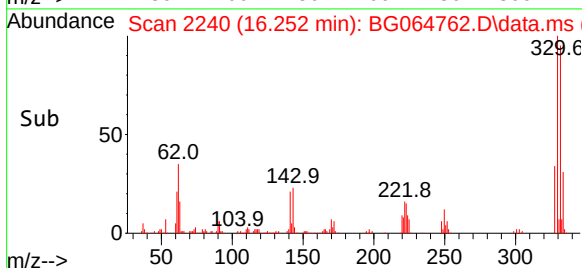
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

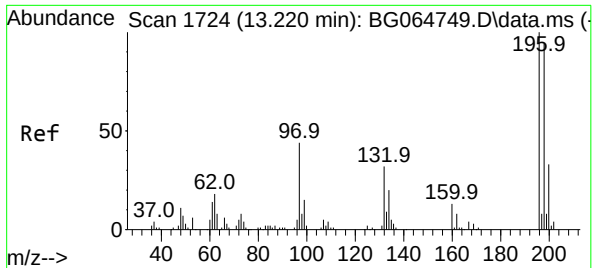


#42
2,4,6-Tribromophenol
Concen: 106.437 ng
RT: 16.252 min Scan# 2240
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



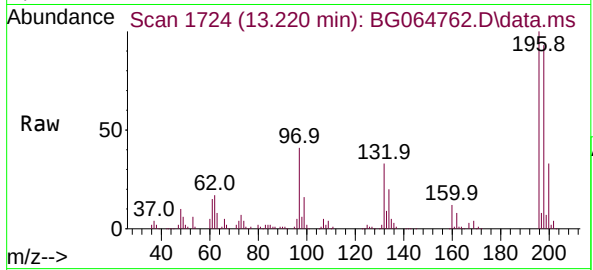
Tgt Ion:330 Resp: 235909
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 22.5 18.2 27.2





#43
2,4,6-Trichlorophenol
Concen: 48.706 ng
RT: 13.220 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

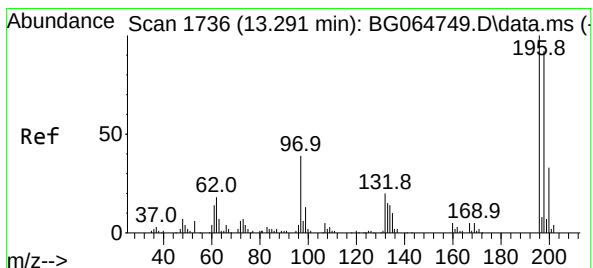
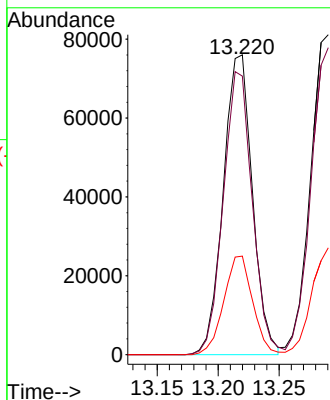
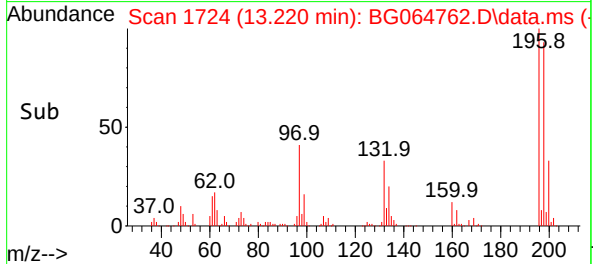
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



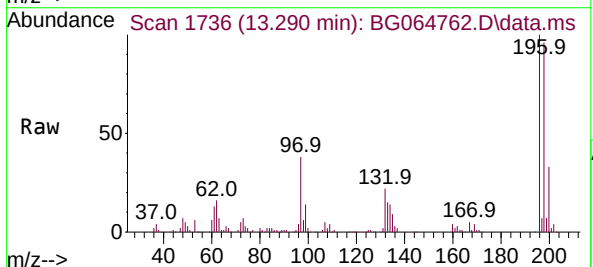
Tgt Ion:196 Resp: 126428
Ion Ratio Lower Upper
196 100
198 92.9 75.3 112.9
200 32.8 26.2 39.2

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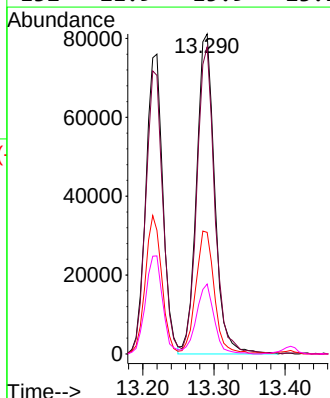
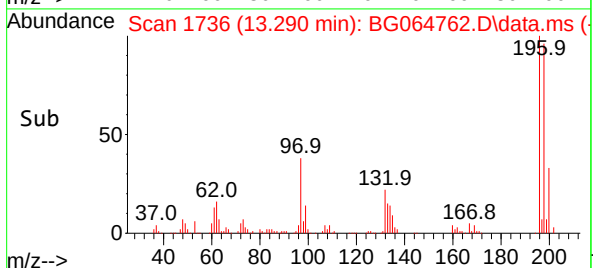
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

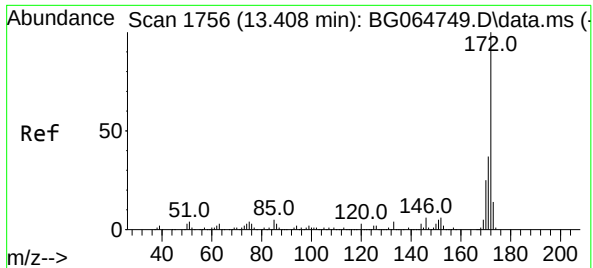


#44
2,4,5-Trichlorophenol
Concen: 49.338 ng
RT: 13.290 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



Tgt Ion:196 Resp: 143637
Ion Ratio Lower Upper
196 100
198 95.9 73.2 109.8
97 38.0 31.4 47.0
132 21.9 15.9 23.9





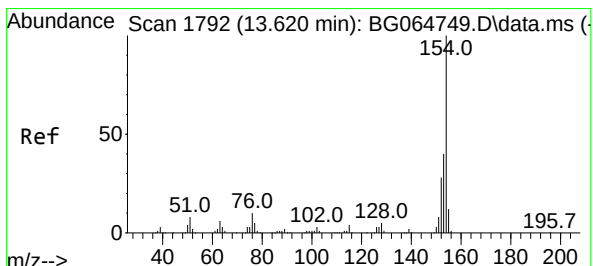
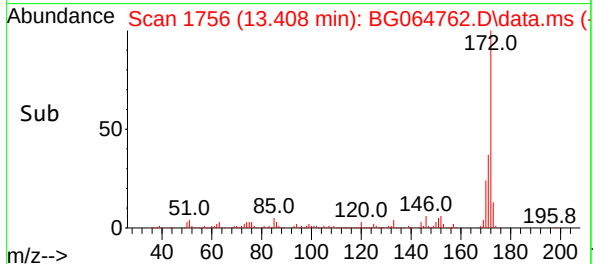
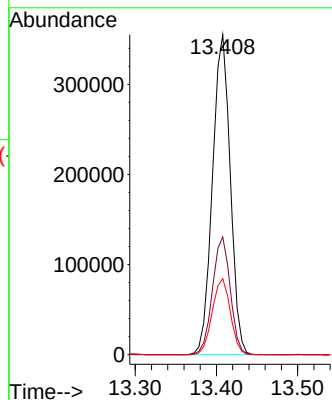
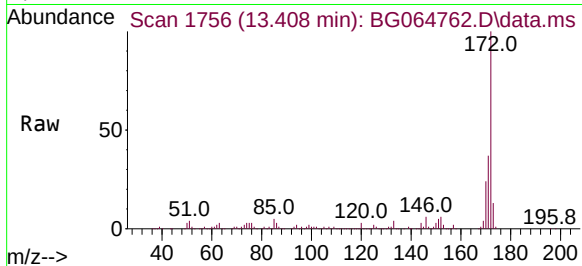
#45
2-Fluorobiphenyl
Concen: 66.255 ng
RT: 13.408 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD

Tgt Ion:172 Resp: 539614
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 23.7 19.8 29.6

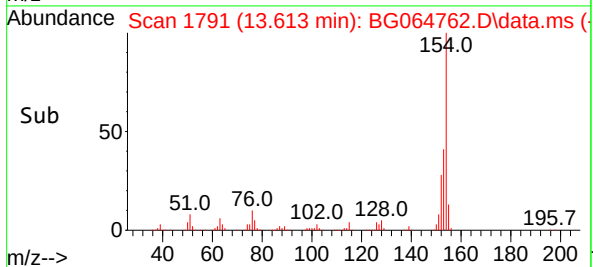
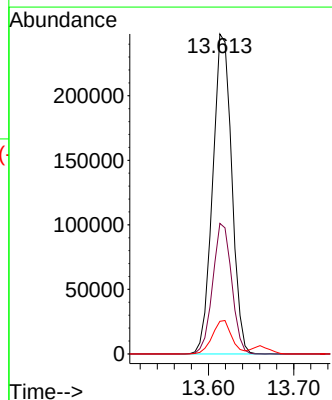
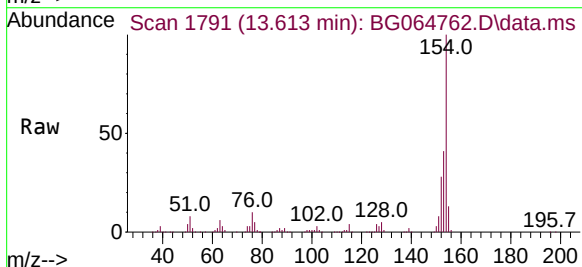
Manual Integrations
APPROVED

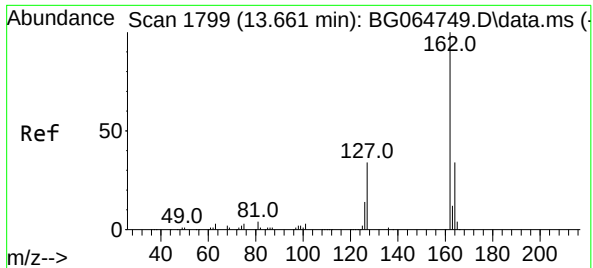
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#46
1,1'-Biphenyl
Concen: 47.039 ng
RT: 13.613 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

Tgt Ion:154 Resp: 383949
Ion Ratio Lower Upper
154 100
153 40.8 19.8 59.8
76 10.2 0.0 30.0





#47

2-Chloronaphthalene

Concen: 45.574 ng

RT: 13.660 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MSD

Tgt Ion:162 Resp: 293066

Ion Ratio Lower Upper

162 100

127 37.7 30.3 45.5

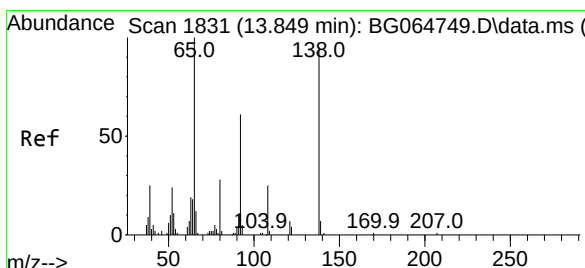
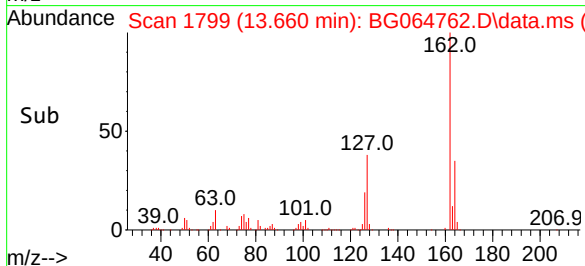
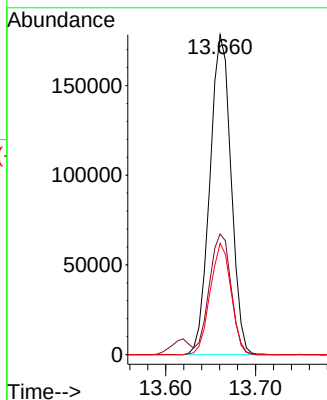
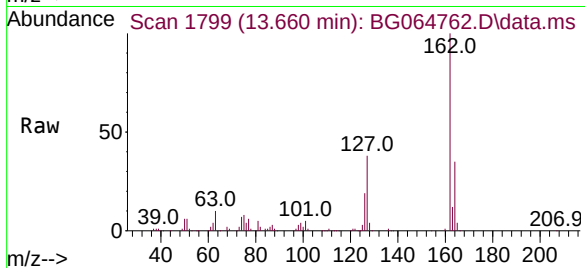
164 34.8 26.8 40.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#48

2-Nitroaniline

Concen: 48.462 ng

RT: 13.848 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

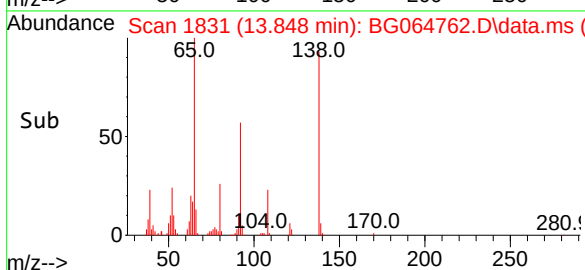
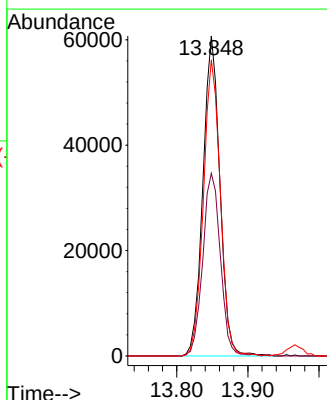
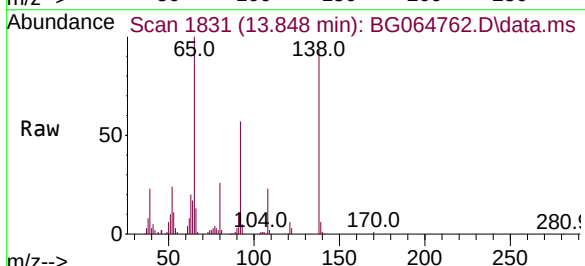
Tgt Ion: 65 Resp: 100233

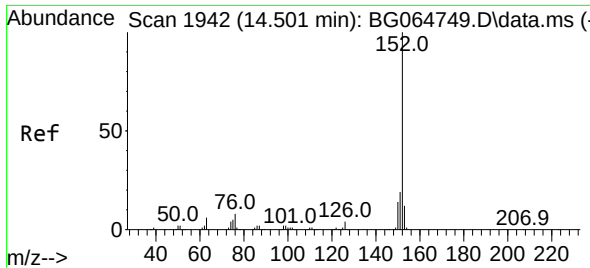
Ion Ratio Lower Upper

65 100

92 57.0 48.6 73.0

138 92.5 76.4 114.6





#49

Acenaphthylene

Concen: 46.214 ng

RT: 14.501 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BG064762.D

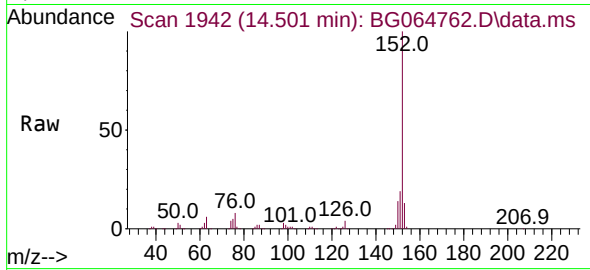
Acq: 13 Nov 2025 18:43

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MSD

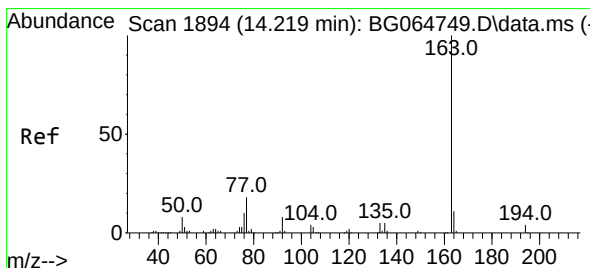
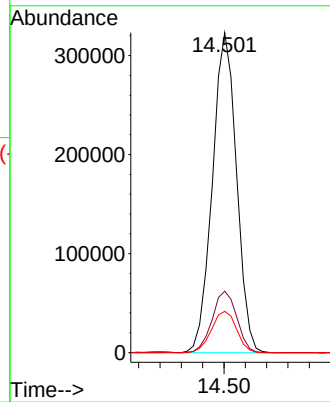
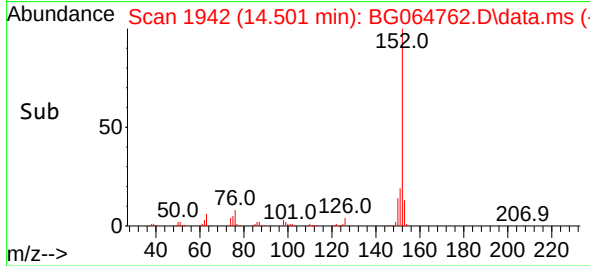


Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.4
153	12.9	9.9	14.9

Manual Integrations

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



#50

Dimethylphthalate

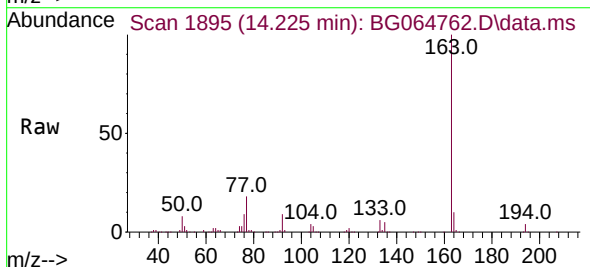
Concen: 46.230 ng

RT: 14.225 min Scan# 1895

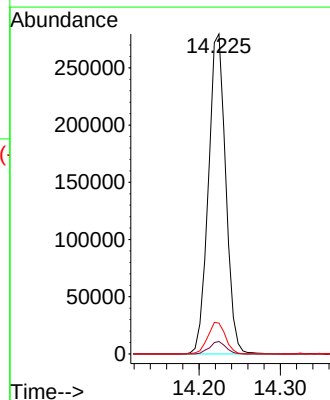
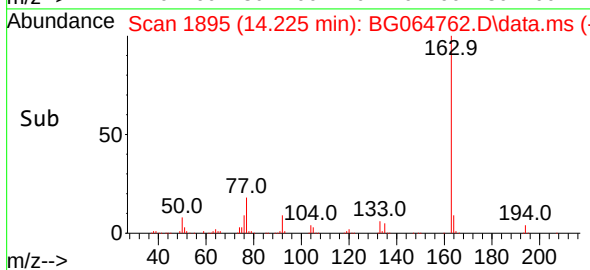
Delta R.T. 0.006 min

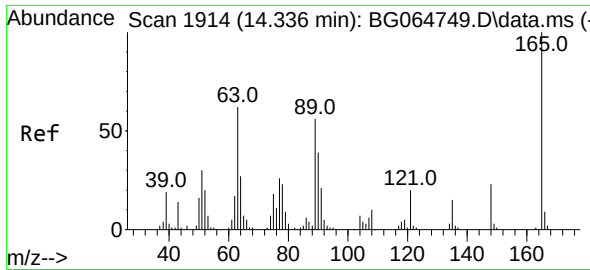
Lab File: BG064762.D

Acq: 13 Nov 2025 18:43



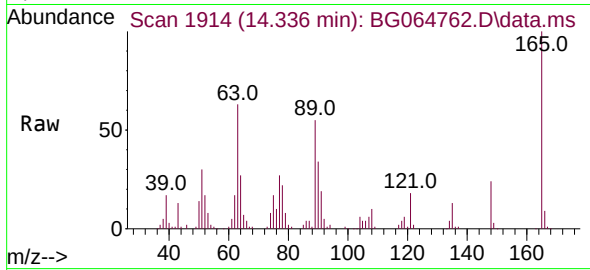
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.6	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 49.533 ng
RT: 14.336 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

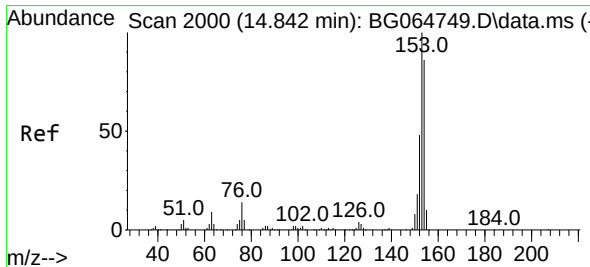
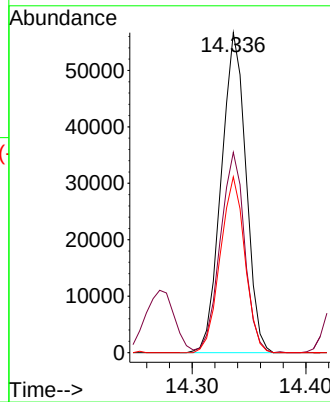
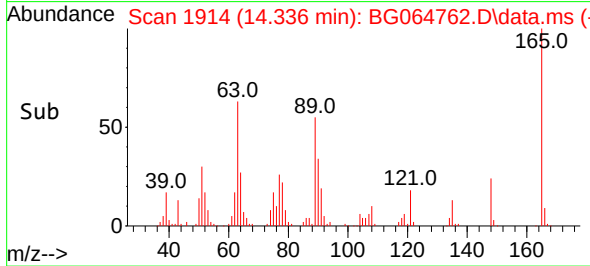
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



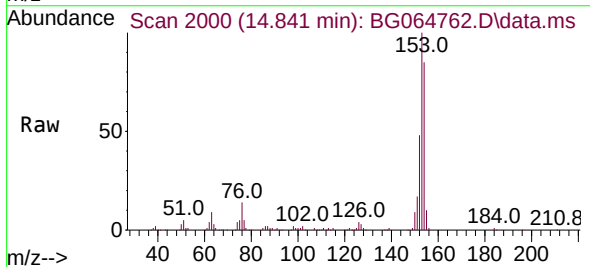
Tgt Ion:165 Resp: 85568
Ion Ratio Lower Upper
165 100
63 62.6 49.8 74.8
89 55.0 45.0 67.4

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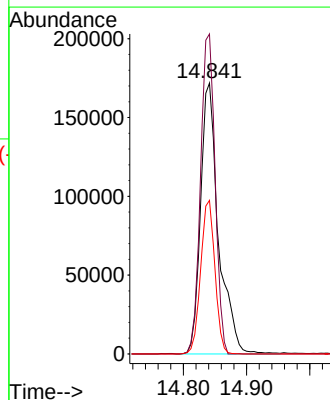
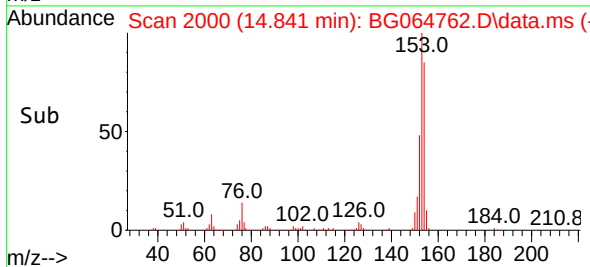
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

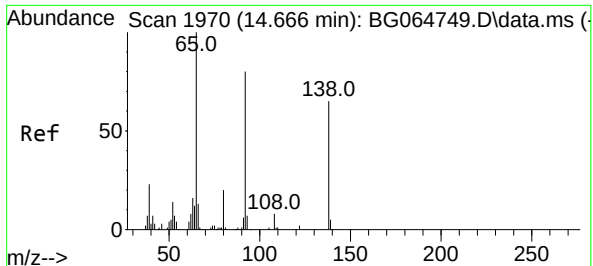


#52
Acenaphthene
Concen: 51.431 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



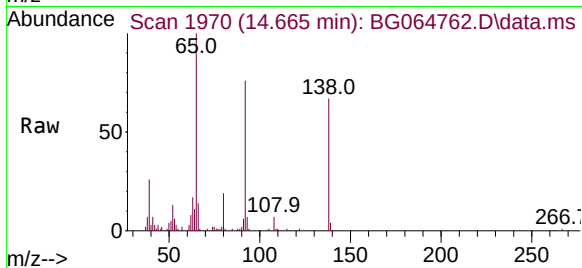
Tgt Ion:154 Resp: 338775
Ion Ratio Lower Upper
154 100
153 118.2 93.0 139.4
152 56.7 44.4 66.6





#53
3-Nitroaniline
Concen: 19.847 ng
RT: 14.665 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

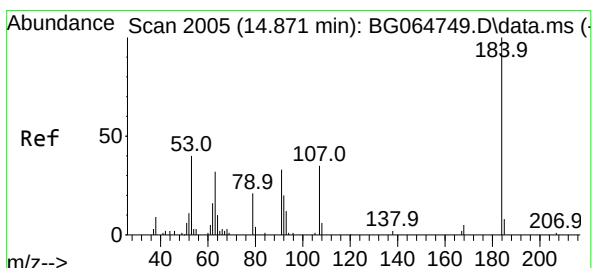
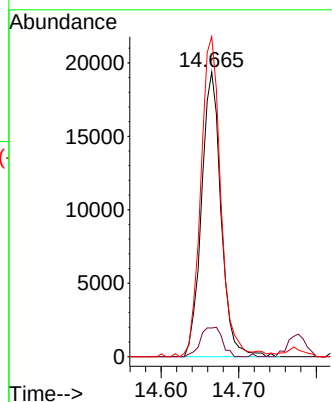
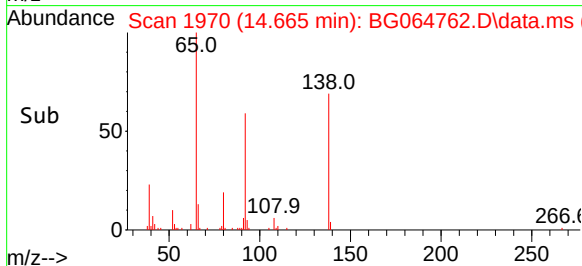
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



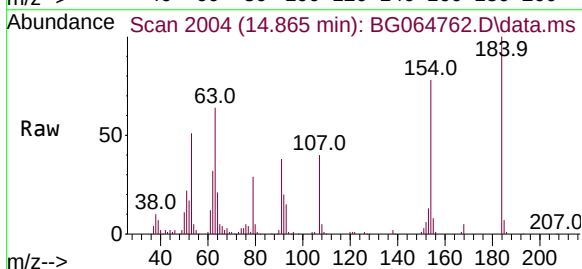
Tgt Ion:138 Resp: 33838
Ion Ratio Lower Upper
138 100
108 10.0 9.5 14.3
92 112.4 99.0 148.4

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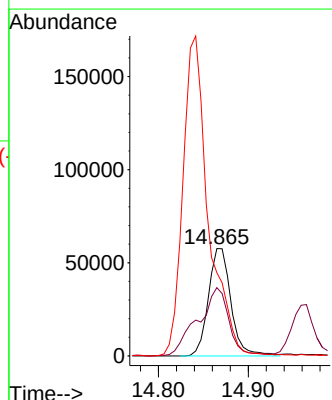
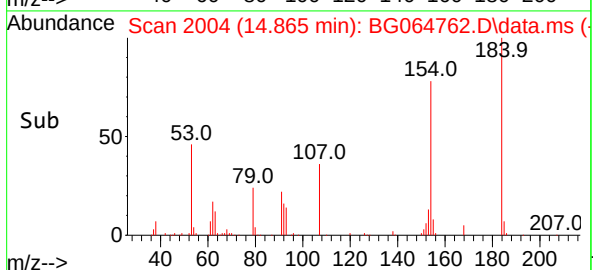
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

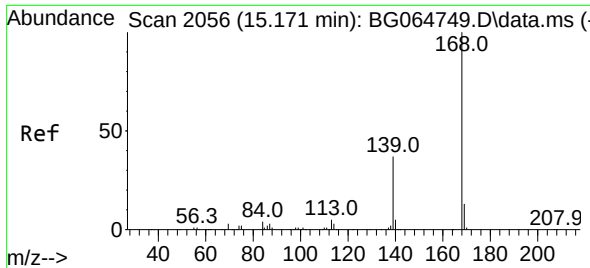


#54
2,4-Dinitrophenol
Concen: 84.453 ng
RT: 14.865 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



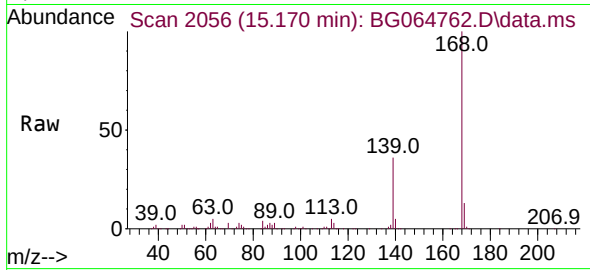
Tgt Ion:184 Resp: 100566
Ion Ratio Lower Upper
184 100
63 63.6 45.8 68.6
154 77.7 52.6 78.8





#55
Dibenzenofuran
Concen: 45.474 ng
RT: 15.170 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

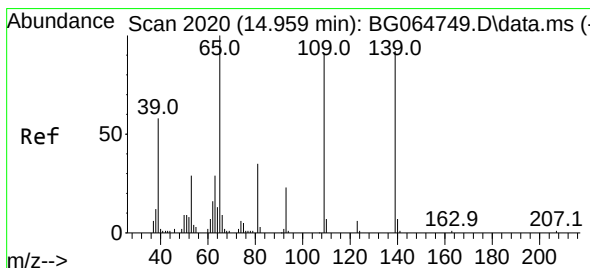
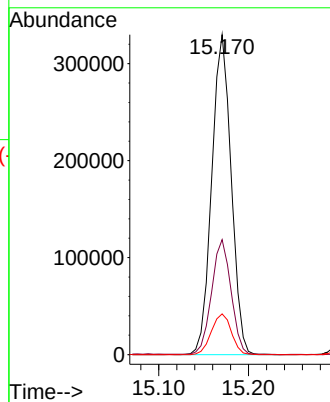
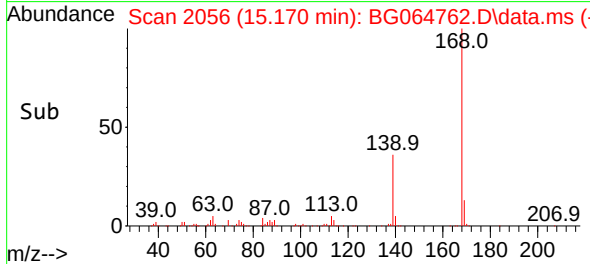
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:168 Resp: 495201
Ion Ratio Lower Upper
168 100
139 35.9 29.5 44.3
169 12.7 10.4 15.6

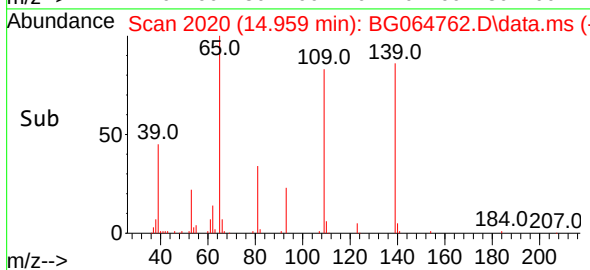
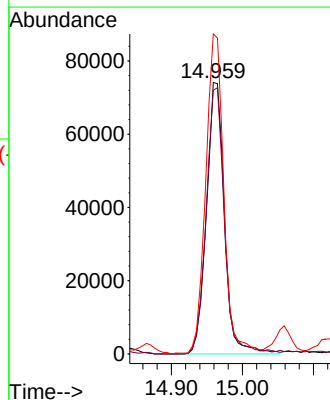
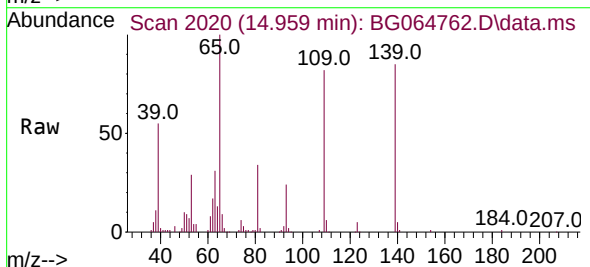
Manual Integrations
APPROVED

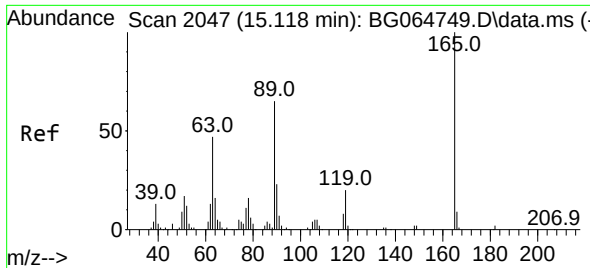
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#56
4-Nitrophenol
Concen: 96.022 ng
RT: 14.959 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

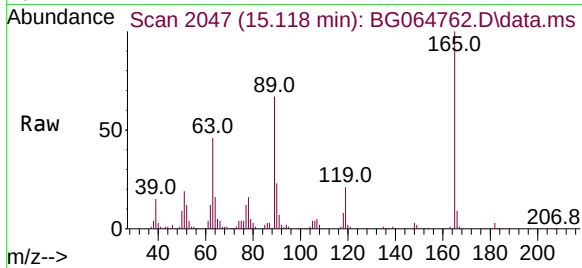
Tgt Ion:139 Resp: 129889
Ion Ratio Lower Upper
139 100
109 97.1 79.7 119.7
65 117.9 89.9 129.9





#57
2,4-Dinitrotoluene
Concen: 48.123 ng
RT: 15.118 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

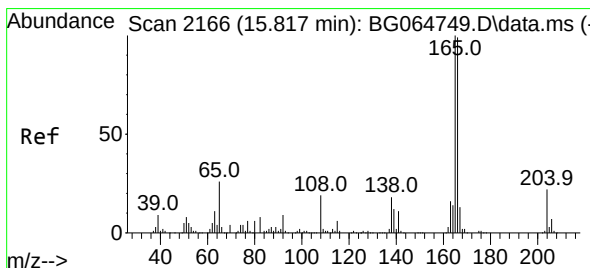
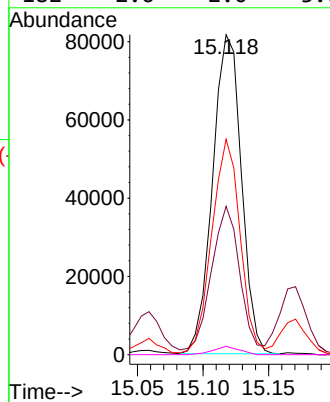
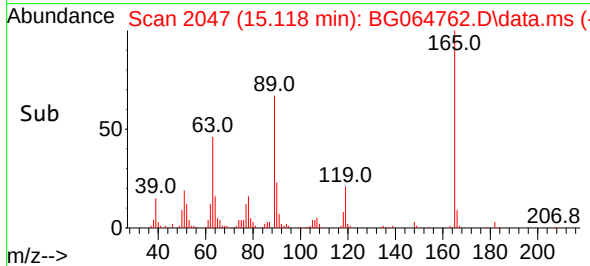
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



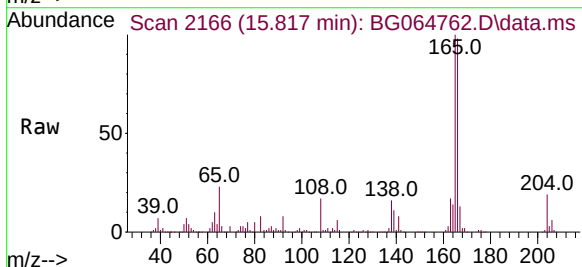
Tgt Ion:165 Resp: 124626
Ion Ratio Lower Upper
165 100
63 46.3 37.8 56.6
89 67.3 51.6 77.4
182 2.6 2.0 3.0

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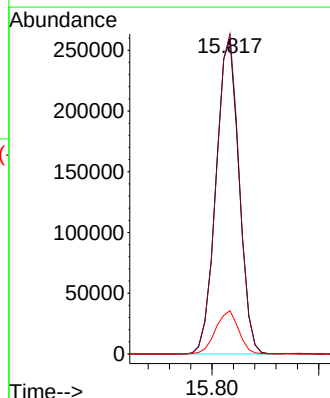
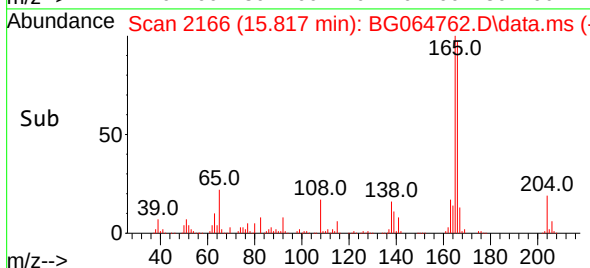
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

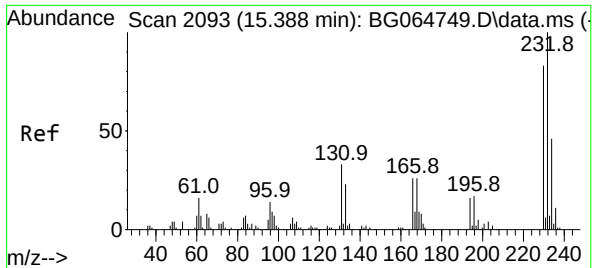


#58
Fluorene
Concen: 45.474 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



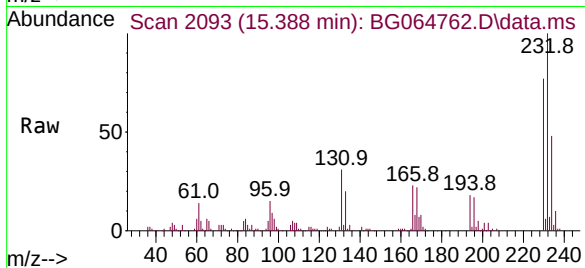
Tgt Ion:166 Resp: 388390
Ion Ratio Lower Upper
166 100
165 101.8 80.5 120.7
167 13.7 10.3 15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.727 ng
RT: 15.388 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

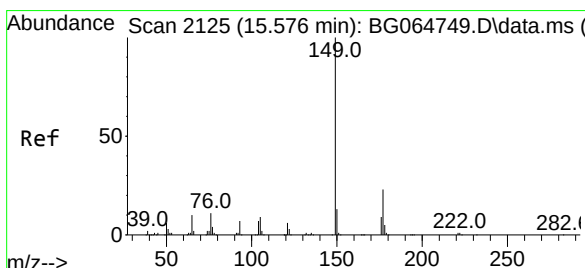
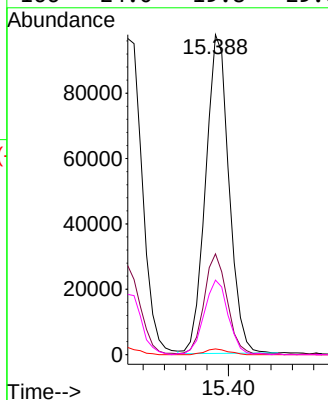
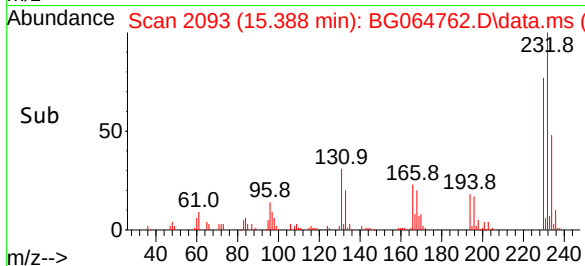
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



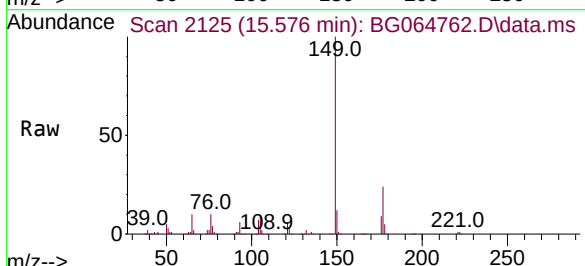
Tgt Ion:232 Resp: 148584
Ion Ratio Lower Upper
232 100
131 31.3 26.0 39.0
130 1.8 1.6 2.4
166 24.0 19.8 29.6

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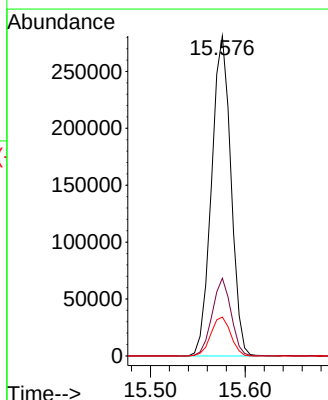
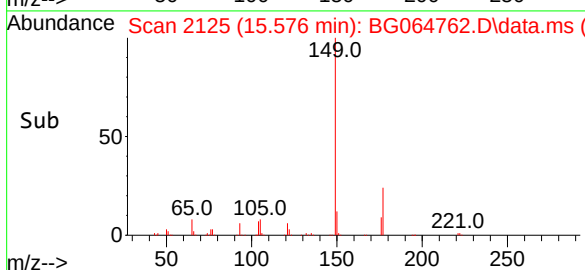
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

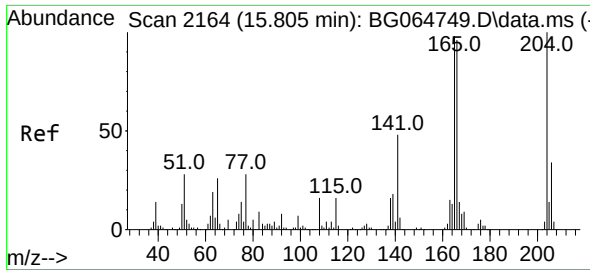


#60
Diethylphthalate
Concen: 46.414 ng
RT: 15.576 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



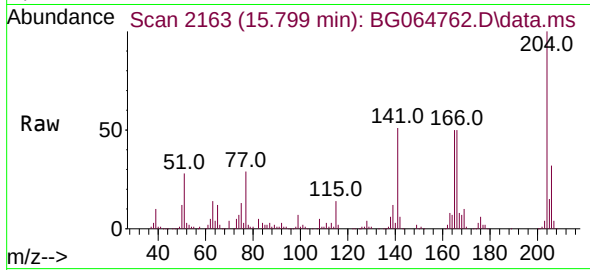
Tgt Ion:149 Resp: 399151
Ion Ratio Lower Upper
149 100
177 24.3 18.4 27.6
150 12.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.899 ng
RT: 15.799 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

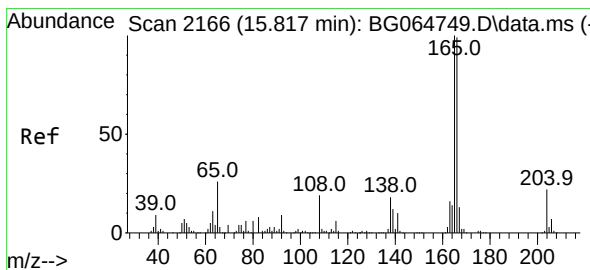
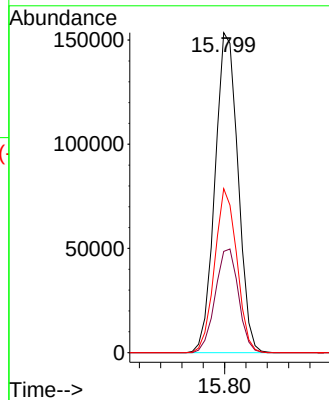
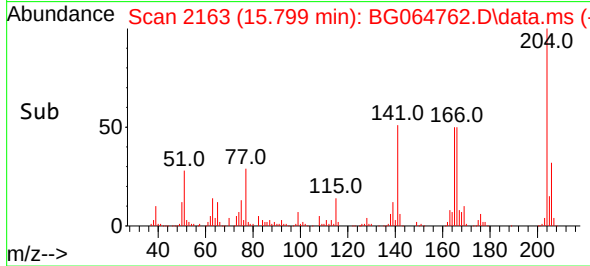
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:204 Resp: 230140
Ion Ratio Lower Upper
204 100
206 31.6 26.9 40.3
141 51.2 38.1 57.1

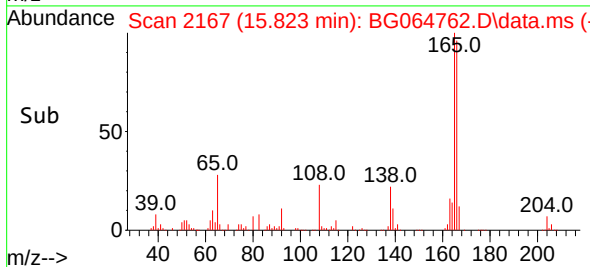
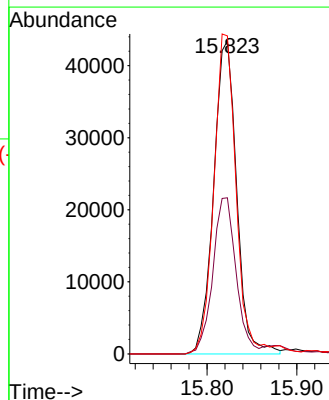
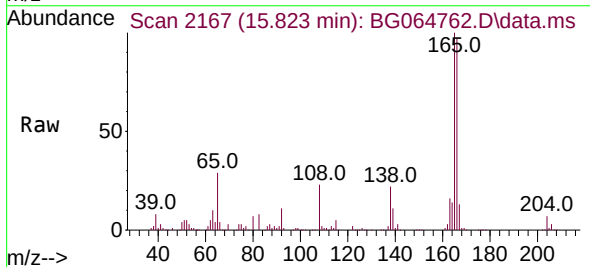
Manual Integrations
APPROVED

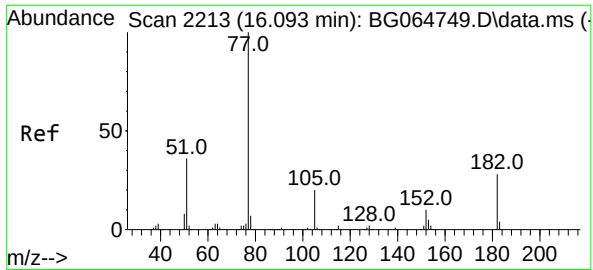
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#62
4-Nitroaniline
Concen: 43.871 ng
RT: 15.823 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

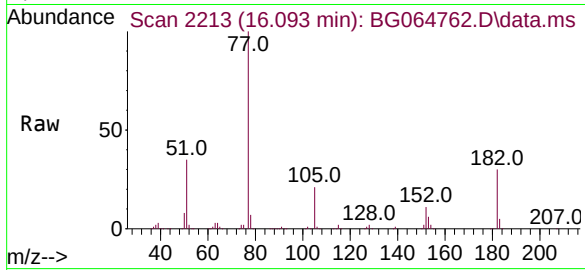
Tgt Ion:138 Resp: 77487
Ion Ratio Lower Upper
138 100
92 49.9 30.7 70.7
108 101.6 85.7 125.7





#63
Azobenzene
Concen: 51.504 ng
RT: 16.093 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

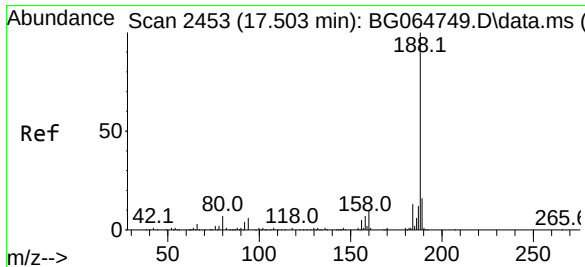
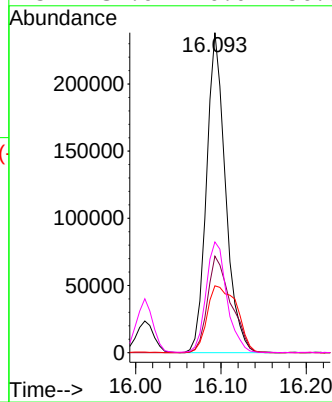
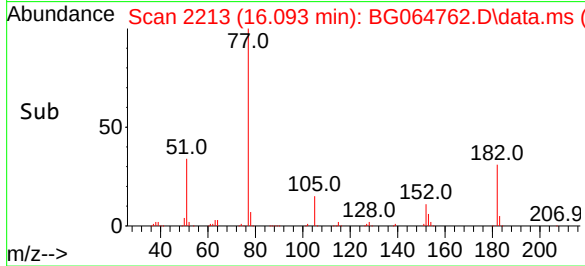
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



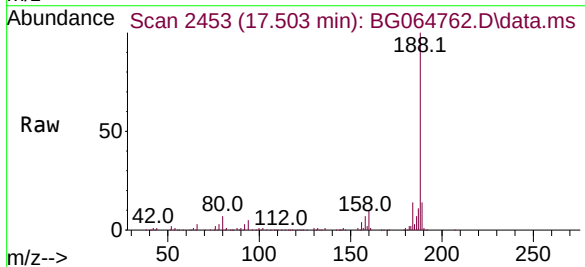
Tgt Ion: 77 Resp: 368405
Ion Ratio Lower Upper
77 100
182 30.1 8.1 48.1
105 20.9 0.1 40.1
51 34.6 16.0 56.0

Manual Integrations
APPROVED

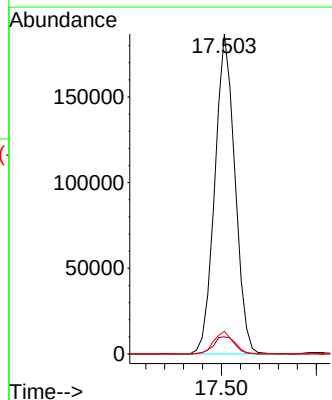
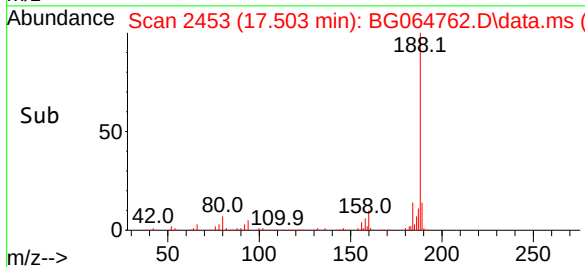
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

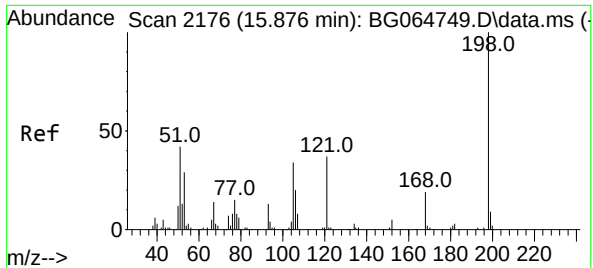


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



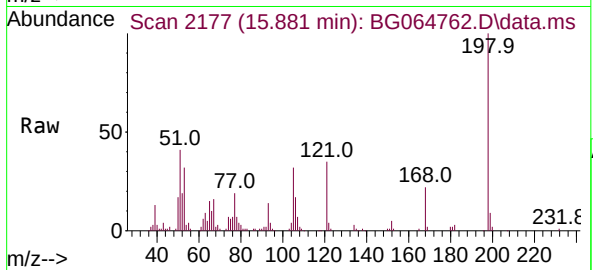
Tgt Ion:188 Resp: 275145
Ion Ratio Lower Upper
188 100
94 5.3 4.7 7.1
80 7.1 5.4 8.2





#65
4,6-Dinitro-2-methylphenol
Concen: 51.948 ng
RT: 15.881 min Scan# 2177
Delta R.T. 0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

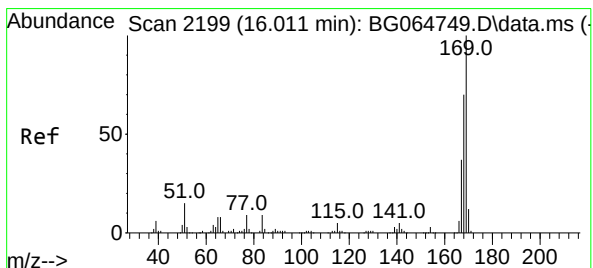
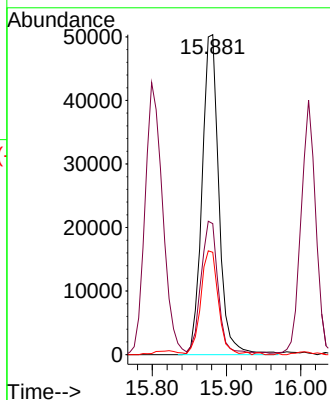
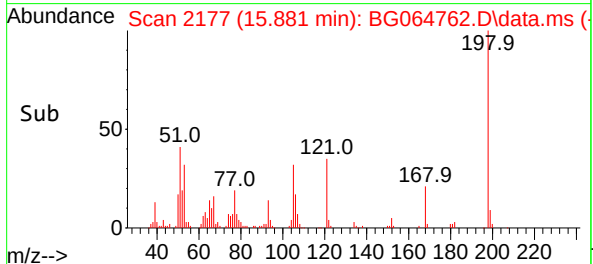
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



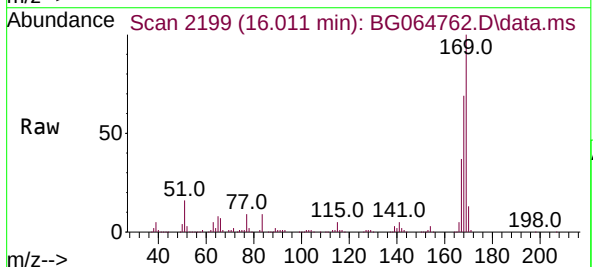
Tgt Ion:198 Resp: 79359
Ion Ratio Lower Upper
198 100
51 40.9 25.2 65.2
105 32.0 14.2 54.2

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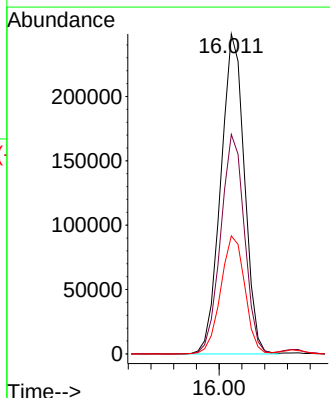
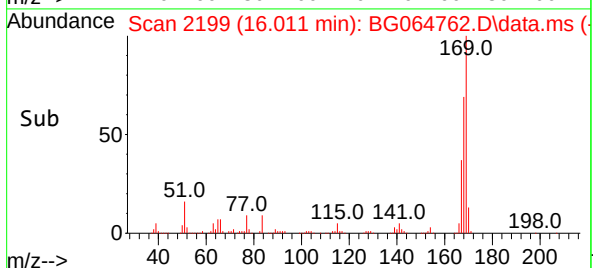
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

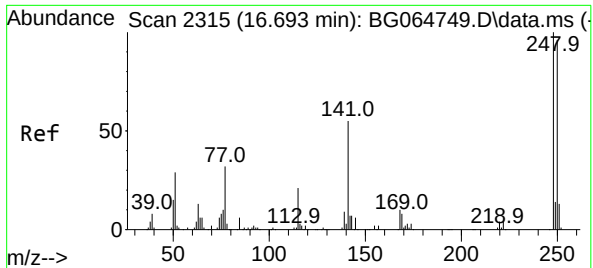


#66
n-Nitrosodiphenylamine
Concen: 49.640 ng
RT: 16.011 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



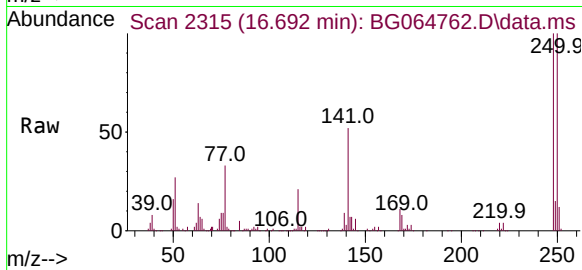
Tgt Ion:169 Resp: 357753
Ion Ratio Lower Upper
169 100
168 68.6 55.9 83.9
167 36.9 29.8 44.6





#67
4-Bromophenyl-phenylether
Concen: 48.972 ng
RT: 16.692 min Scan# 2315
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

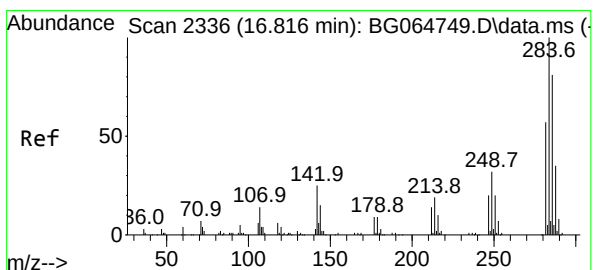
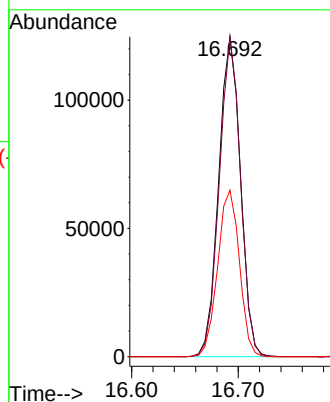
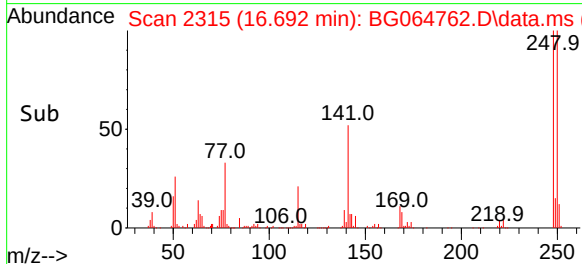
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



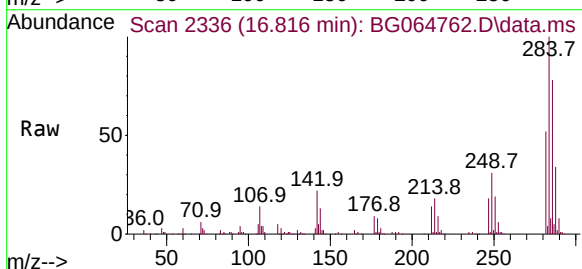
Tgt Ion:248 Resp: 176948
Ion Ratio Lower Upper
248 100
250 100.3 77.0 115.6
141 52.2 43.7 65.5

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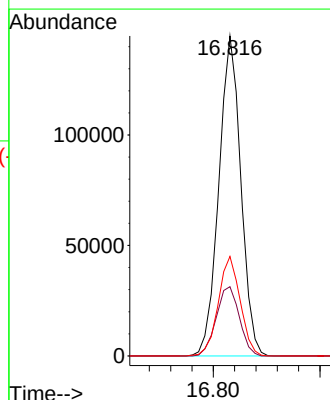
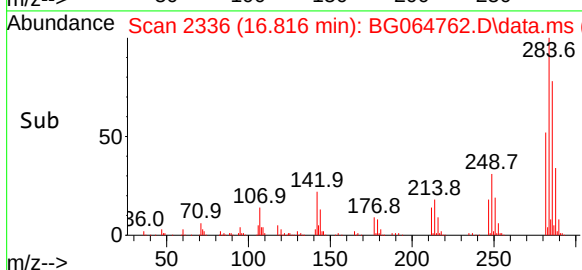
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

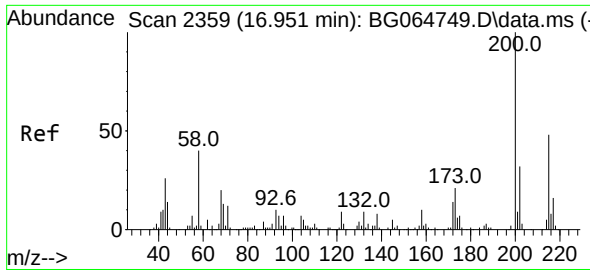


#68
Hexachlorobenzene
Concen: 47.521 ng
RT: 16.816 min Scan# 2336
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43



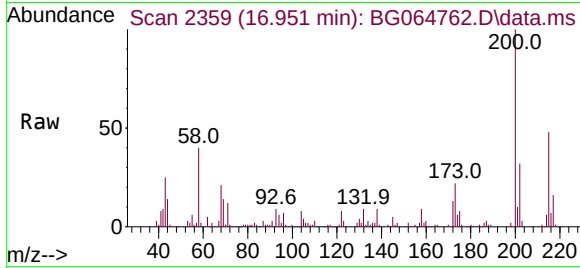
Tgt Ion:284 Resp: 208032
Ion Ratio Lower Upper
284 100
142 21.6 19.7 29.5
249 31.1 28.1 42.1





#69
 Atrazine
 Concen: 47.546 ng
 RT: 16.951 min Scan# 2359
 Delta R.T. -0.000 min
 Lab File: BG064762.D
 Acq: 13 Nov 2025 18:43

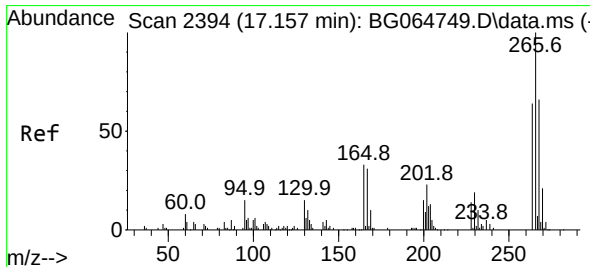
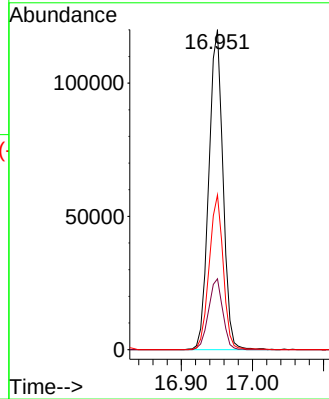
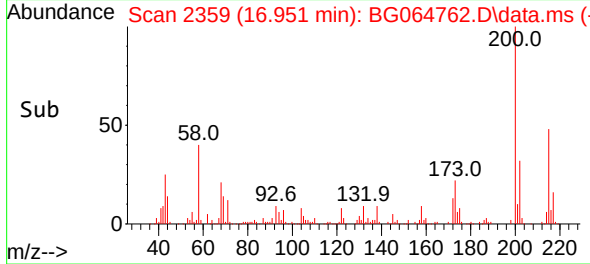
Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MSD



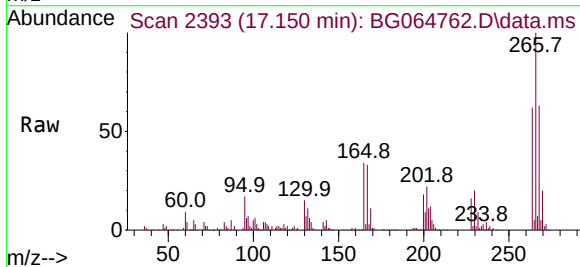
Tgt Ion:200 Resp: 165209
 Ion Ratio Lower Upper
 200 100
 173 22.1 0.9 40.9
 215 48.3 27.5 67.5

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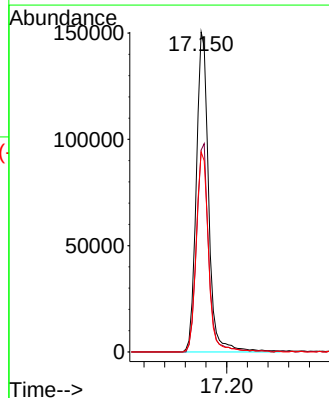
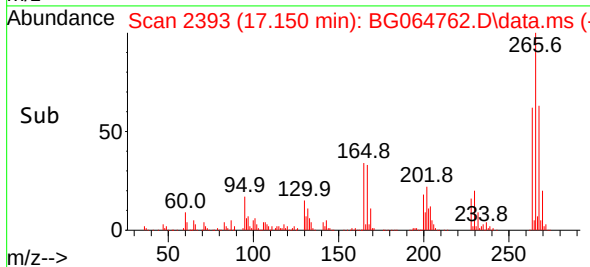
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

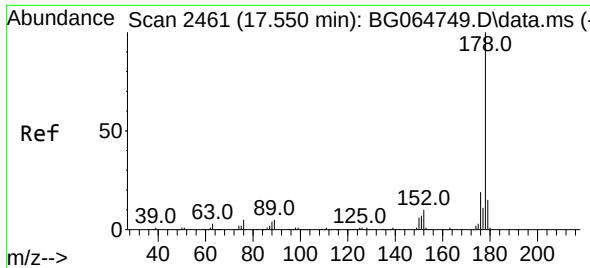


#70
 Pentachlorophenol
 Concen: 94.619 ng
 RT: 17.150 min Scan# 2393
 Delta R.T. -0.007 min
 Lab File: BG064762.D
 Acq: 13 Nov 2025 18:43



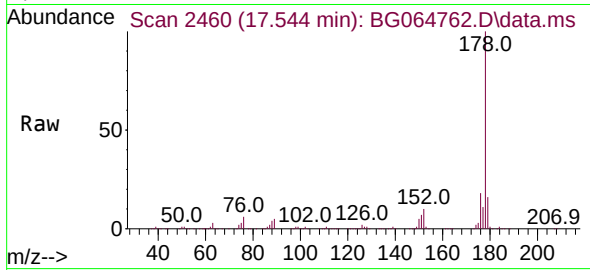
Tgt Ion:266 Resp: 248267
 Ion Ratio Lower Upper
 266 100
 268 67.6 56.1 84.1
 264 62.5 51.2 76.8





#71
Phenanthrene
Concen: 46.506 ng
RT: 17.544 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

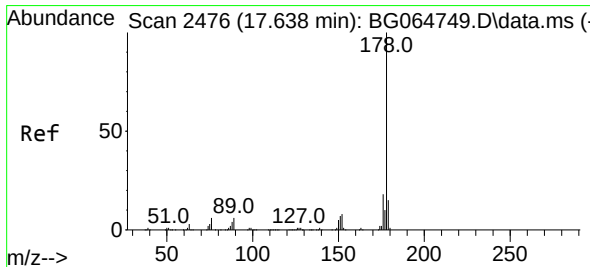
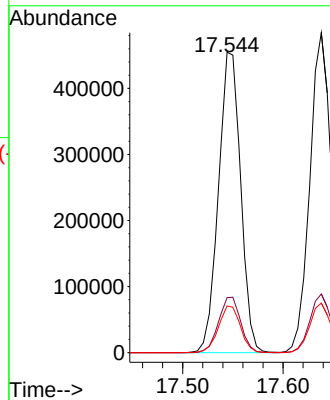
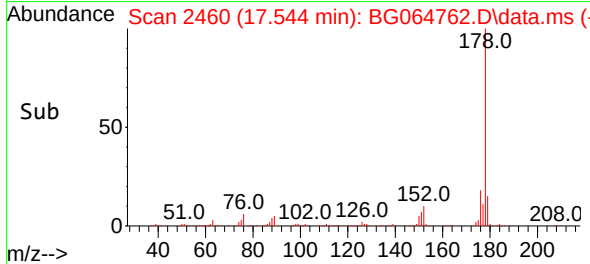
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:178 Resp: 700102
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.5 12.2 18.4

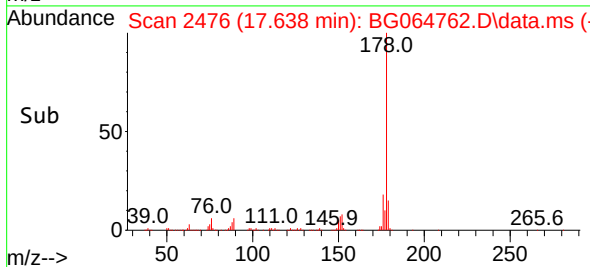
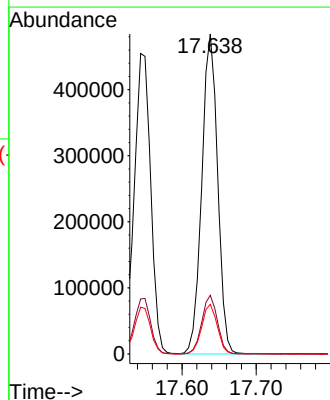
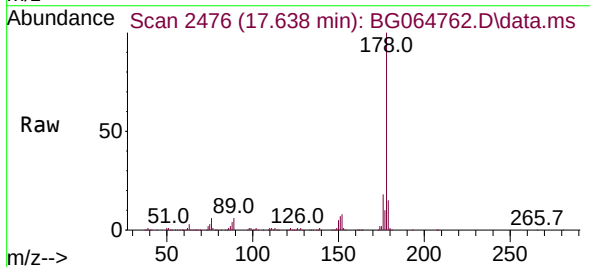
Manual Integrations
APPROVED

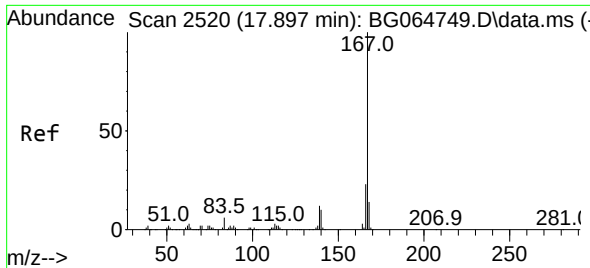
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#72
Anthracene
Concen: 46.815 ng
RT: 17.638 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

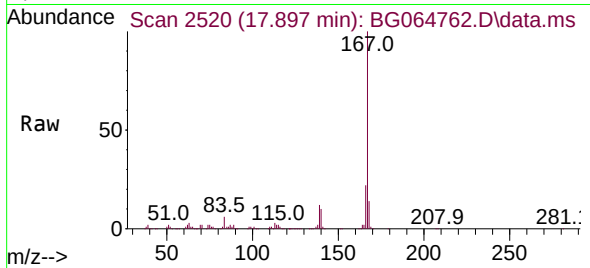
Tgt Ion:178 Resp: 718628
Ion Ratio Lower Upper
178 100
176 18.4 14.5 21.7
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 46.035 ng
 RT: 17.897 min Scan# 2520
 Delta R.T. -0.000 min
 Lab File: BG064762.D
 Acq: 13 Nov 2025 18:43

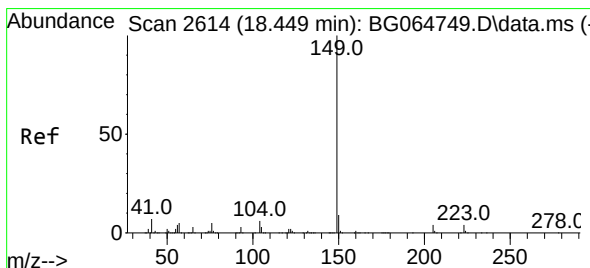
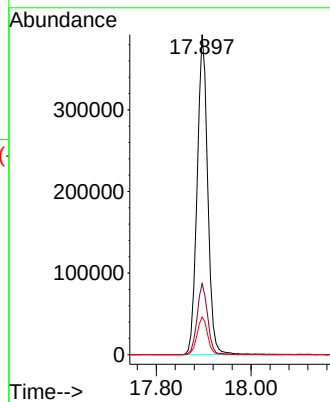
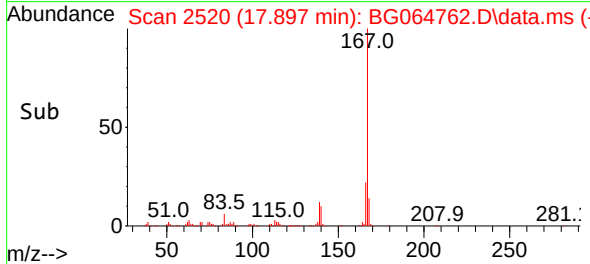
Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MSD



Tgt Ion:167 Resp: 607483
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 11.7 9.7 14.5

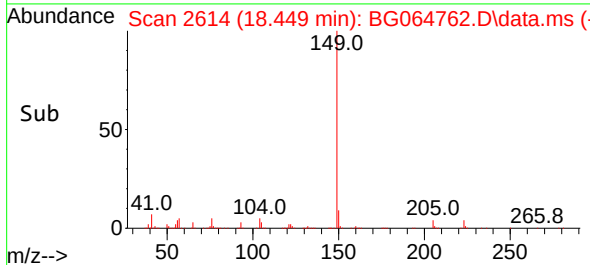
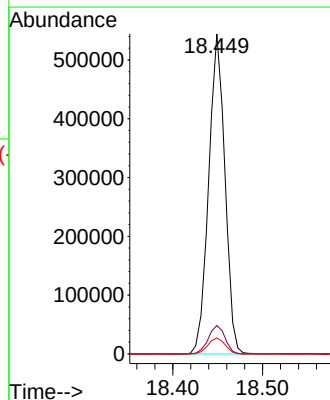
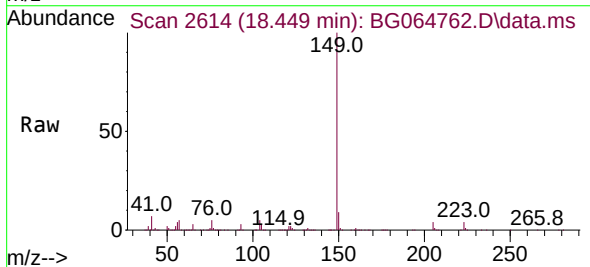
Manual Integrations
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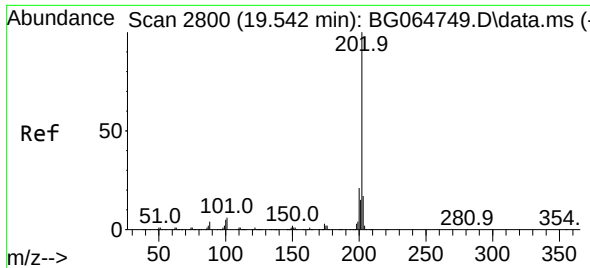
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#74
 Di-n-butylphthalate
 Concen: 46.450 ng
 RT: 18.449 min Scan# 2614
 Delta R.T. -0.000 min
 Lab File: BG064762.D
 Acq: 13 Nov 2025 18:43

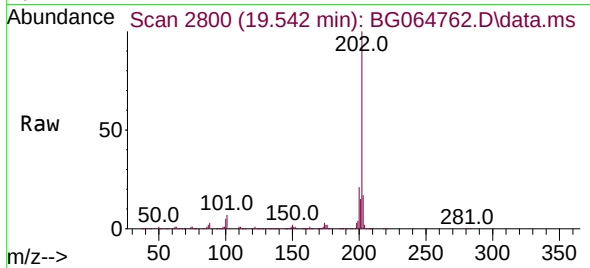
Tgt Ion:149 Resp: 683855
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 42.597 ng
RT: 19.542 min Scan# 2800
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

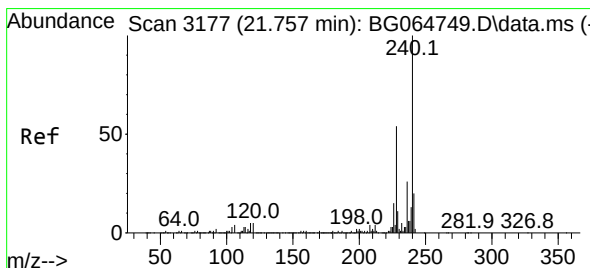
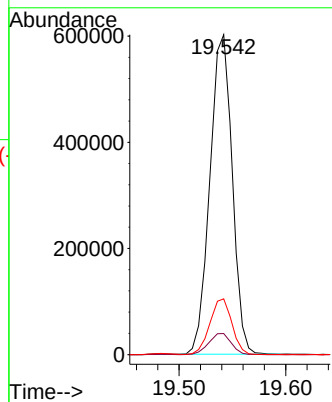
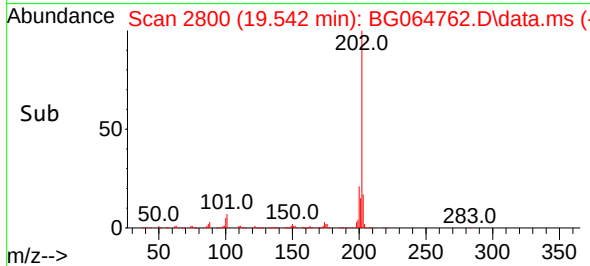
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:202 Resp: 876881
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.4
203 17.4 0.0 37.5

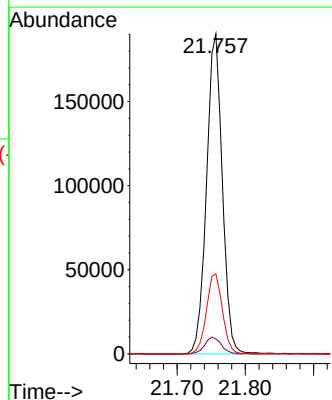
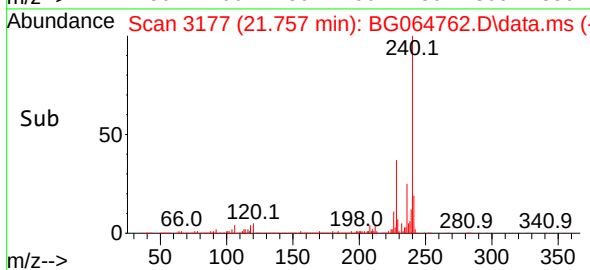
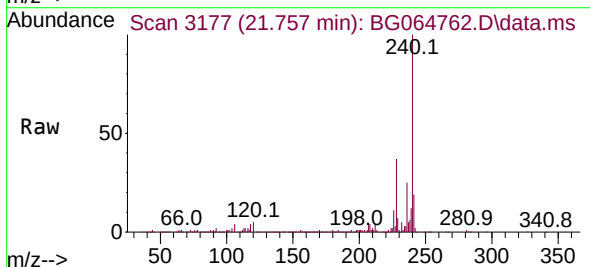
Manual Integrations
APPROVED

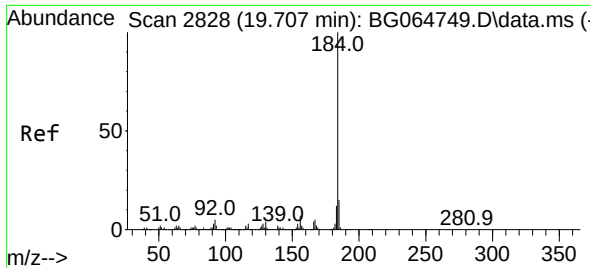
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3177
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

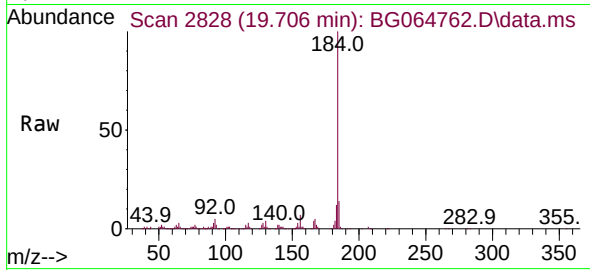
Tgt Ion:240 Resp: 306388
Ion Ratio Lower Upper
240 100
120 4.7 4.2 6.4
236 25.0 20.8 31.2





#77
Benzidine
Concen: 35.342 ng
RT: 19.706 min Scan# 2828
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

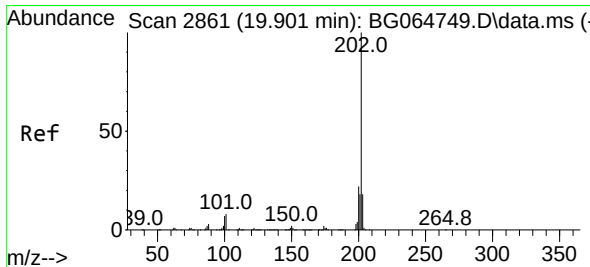
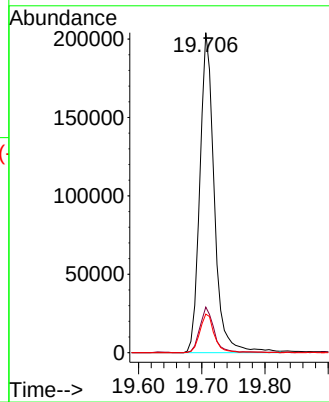
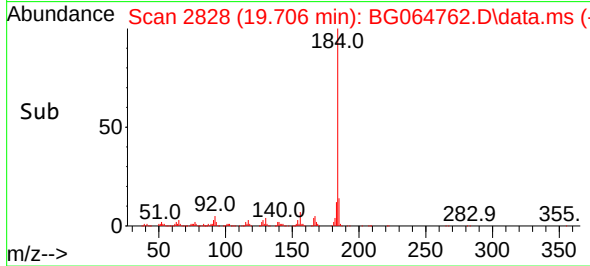
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:184 Resp: 324292
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 12.0 9.8 14.6

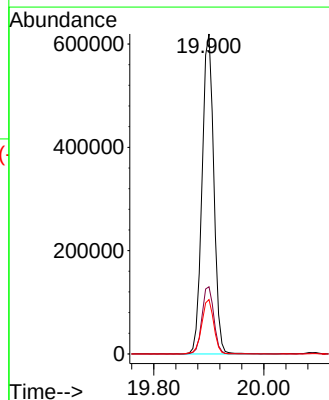
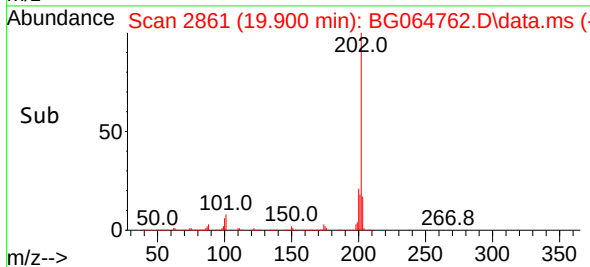
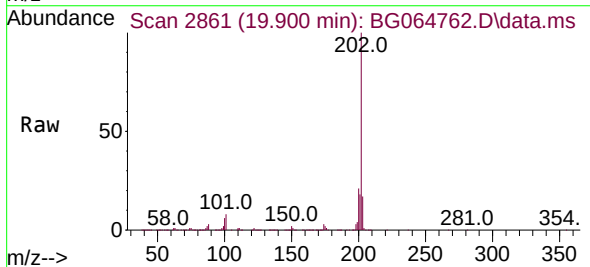
Manual Integrations
APPROVED

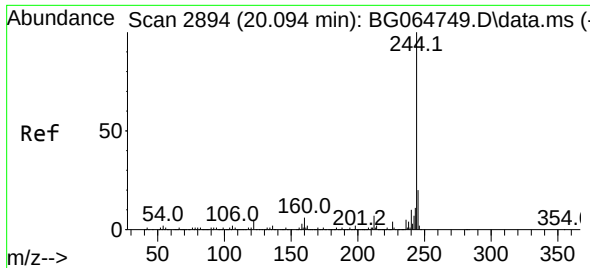
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#78
Pyrene
Concen: 53.110 ng
RT: 19.900 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

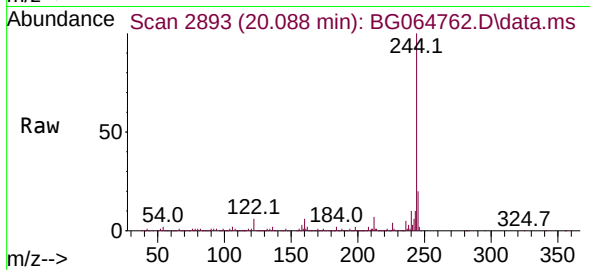
Tgt Ion:202 Resp: 911985
Ion Ratio Lower Upper
202 100
200 21.0 17.9 26.9
203 17.0 14.0 21.0





#79
 Terphenyl-d14
 Concen: 75.335 ng
 RT: 20.088 min Scan# 2894
 Delta R.T. -0.006 min
 Lab File: BG064762.D
 Acq: 13 Nov 2025 18:43

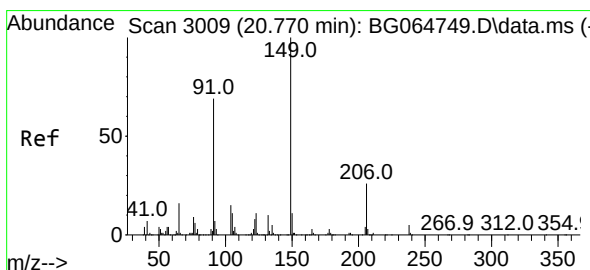
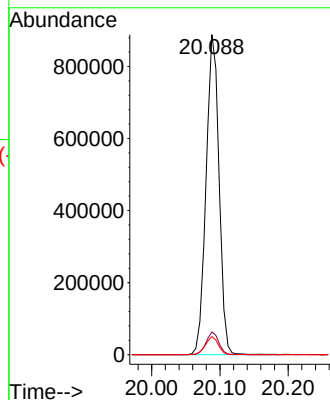
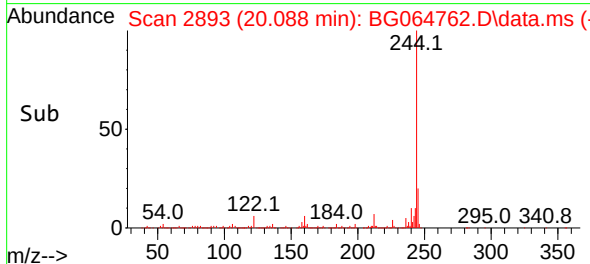
Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MSD



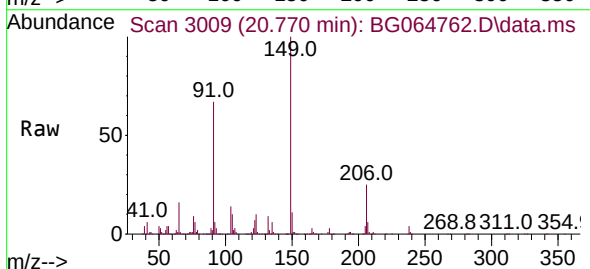
Tgt Ion:244 Resp: 1173393
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 5.6 4.3 6.5

Manual Integrations
 APPROVED

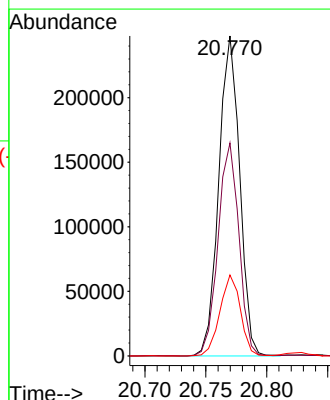
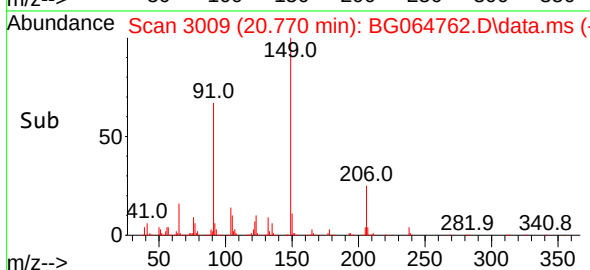
Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

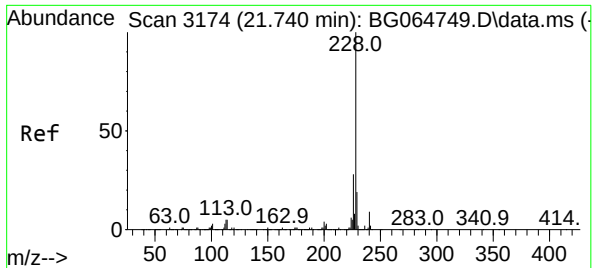


#80
 Butylbenzylphthalate
 Concen: 48.892 ng
 RT: 20.770 min Scan# 3009
 Delta R.T. -0.000 min
 Lab File: BG064762.D
 Acq: 13 Nov 2025 18:43



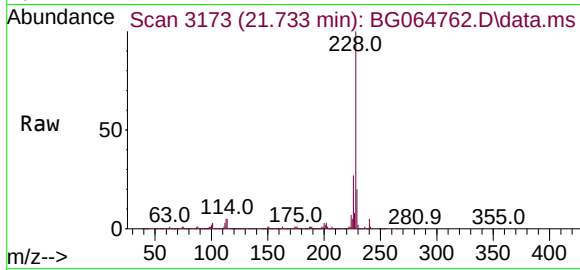
Tgt Ion:149 Resp: 295307
 Ion Ratio Lower Upper
 149 100
 91 66.5 54.9 82.3
 206 25.3 21.2 31.8





#81
Benzo(a)anthracene
Concen: 45.957 ng
RT: 21.733 min Scan# 3173
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

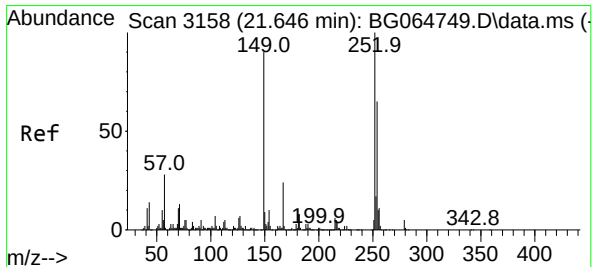
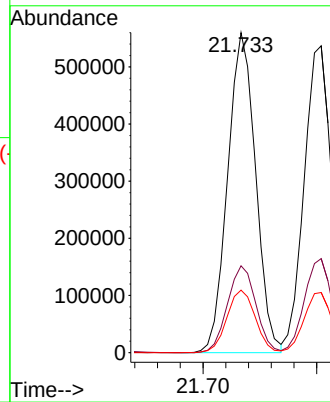
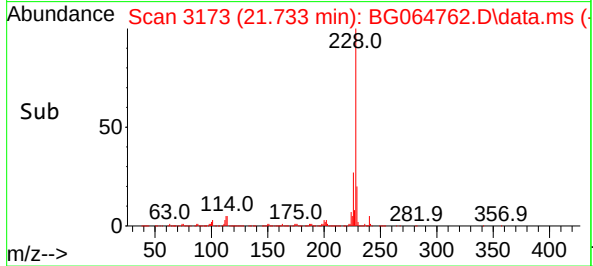
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:228 Resp: 957426
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.5 15.5 23.3

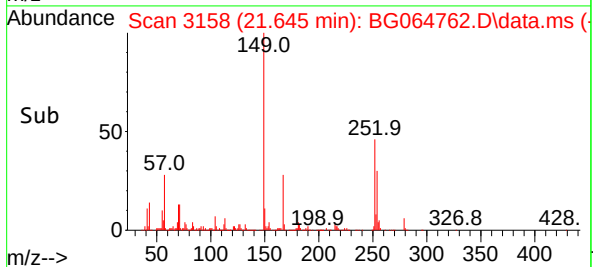
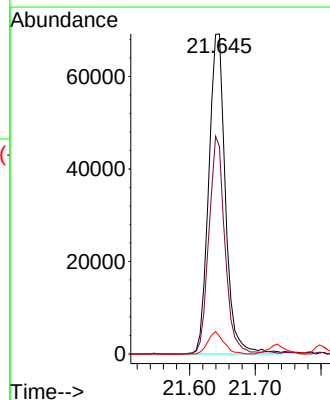
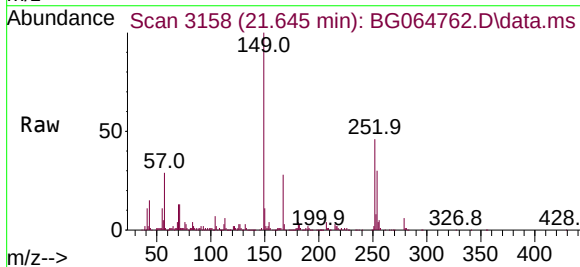
Manual Integrations
APPROVED

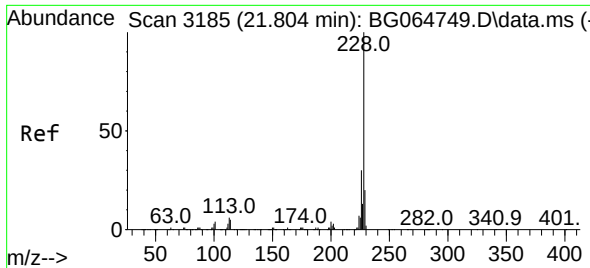
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#82
3,3'-Dichlorobenzidine
Concen: 15.949 ng
RT: 21.645 min Scan# 3158
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

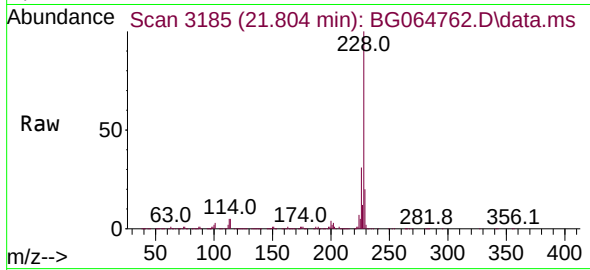
Tgt Ion:252 Resp: 122295
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.8
126 5.5 4.7 7.1





#83
Chrysene
Concen: 45.958 ng
RT: 21.804 min Scan# 3185
Delta R.T. -0.000 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

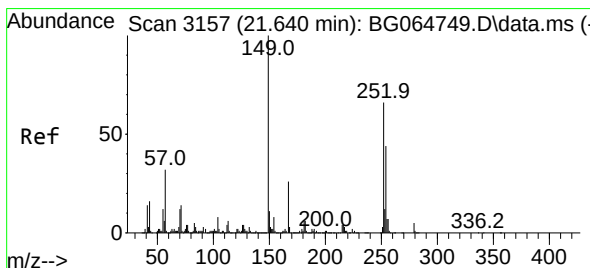
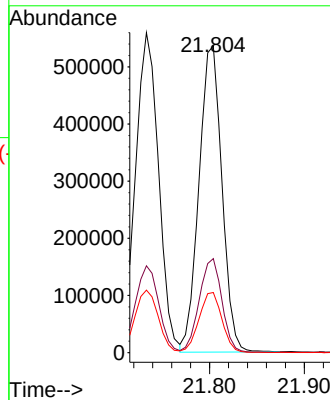
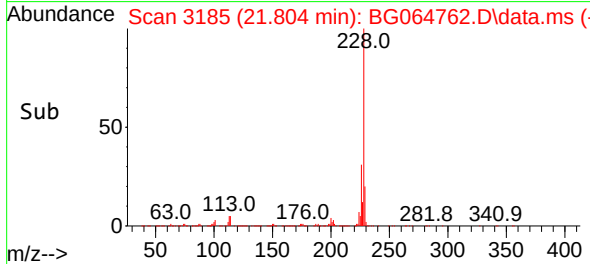
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:228 Resp: 902660
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 19.6 16.0 24.0

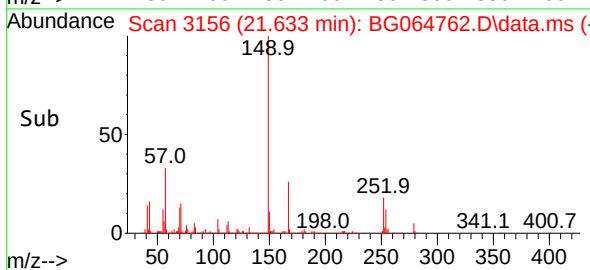
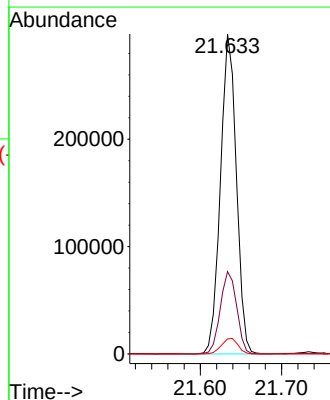
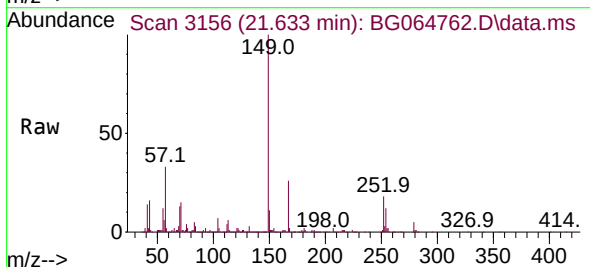
Manual Integrations
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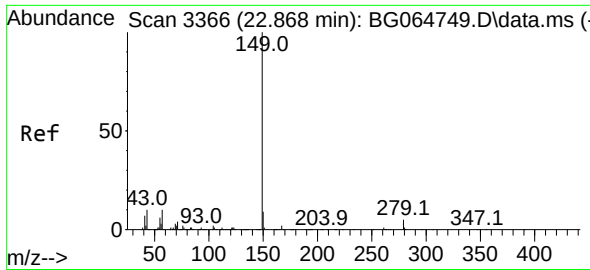
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.941 ng
RT: 21.633 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

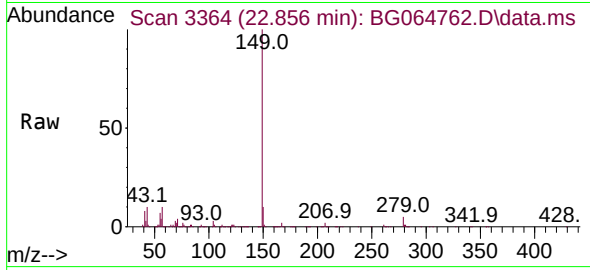
Tgt Ion:149 Resp: 405471
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.4
279 4.7 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 43.291 ng
RT: 22.856 min Scan# 3366
Delta R.T. -0.012 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

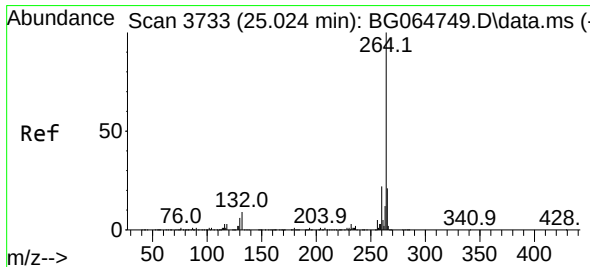
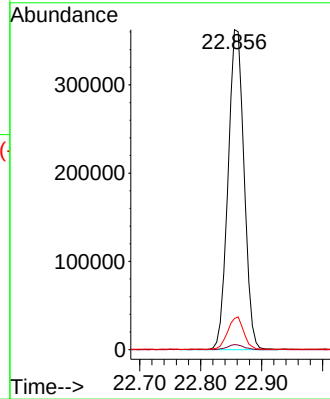
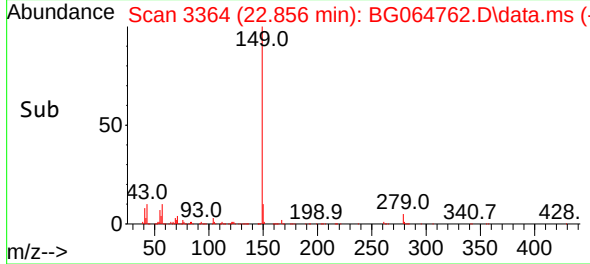
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion:149 Resp: 660468
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 8.3 12.5

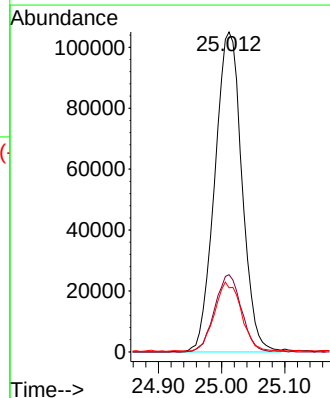
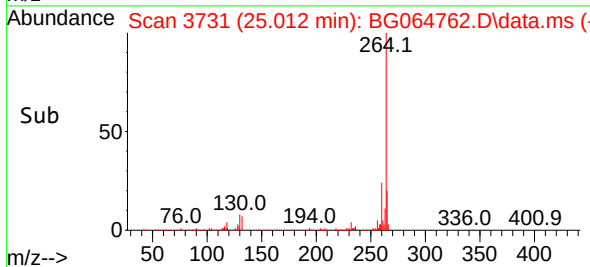
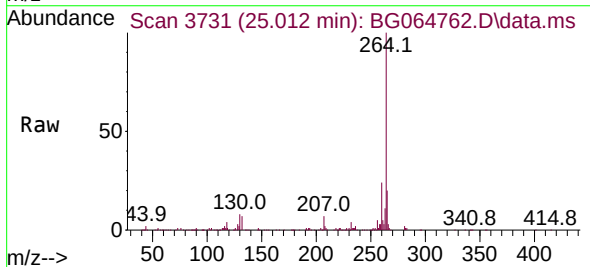
Manual Integrations
APPROVED

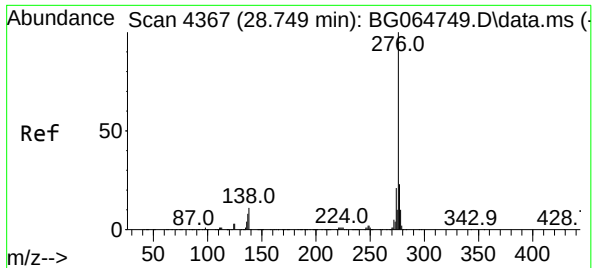
Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3731
Delta R.T. -0.012 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

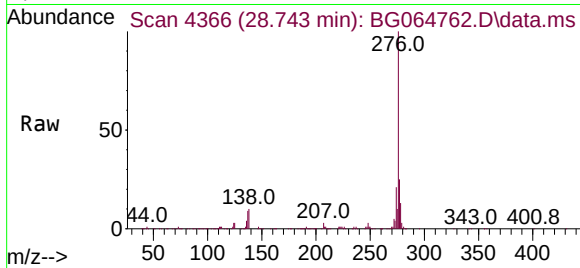
Tgt Ion:264 Resp: 312946
Ion Ratio Lower Upper
264 100
260 24.1 17.2 25.8
265 20.0 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.652 ng
RT: 28.743 min Scan# 4367
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

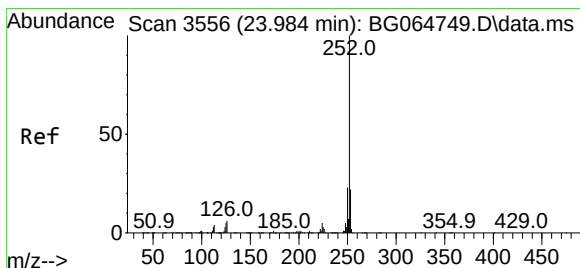
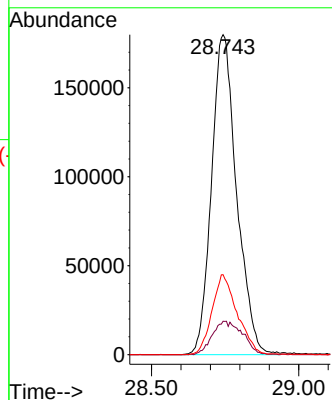
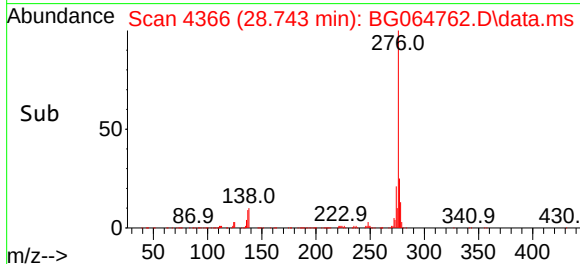
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD



Tgt Ion: 276 Resp: 1067552
Ion Ratio Lower Upper
276 100
138 6.6 4.5 6.7
277 25.0 20.0 30.0

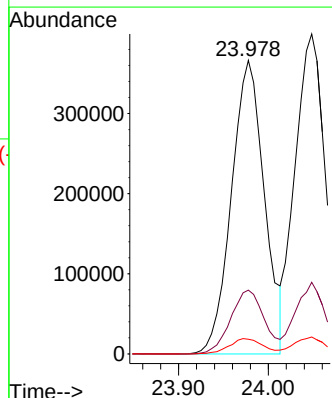
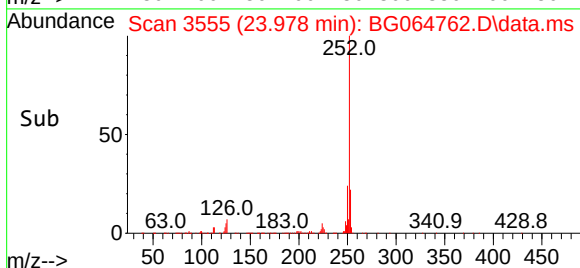
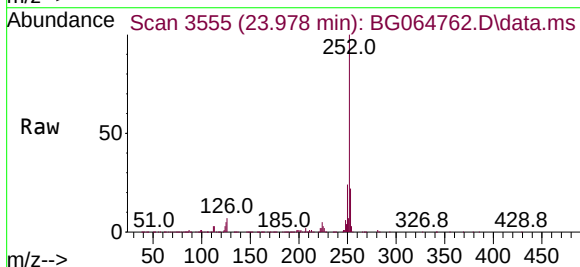
Manual Integrations
APPROVED

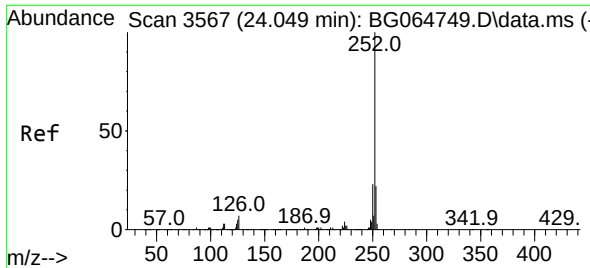
Reviewed By : Jagrut Upadhyay 11/14/2025
Supervised By : Sohil Jodhani 11/14/2025



#88
Benzo(b)fluoranthene
Concen: 46.965 ng
RT: 23.978 min Scan# 3555
Delta R.T. -0.006 min
Lab File: BG064762.D
Acq: 13 Nov 2025 18:43

Tgt Ion: 252 Resp: 935320
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 5.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 46.906 ng

RT: 24.048 min Scan# 3567

Delta R.T. -0.000 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-05MSD

Tgt Ion:252 Resp: 938506

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

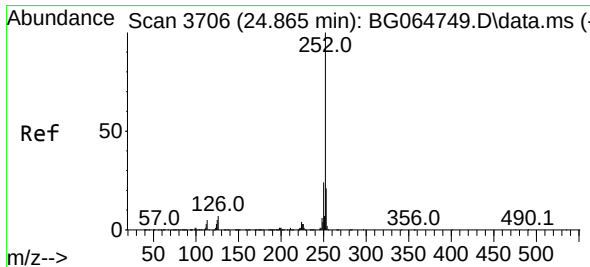
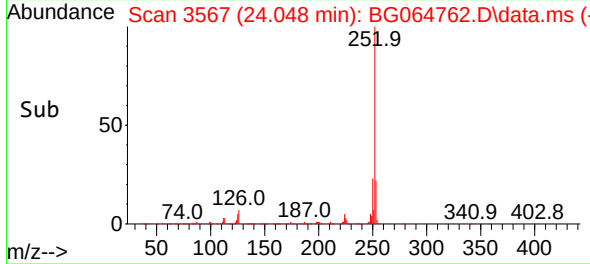
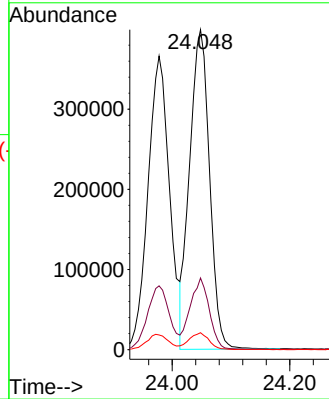
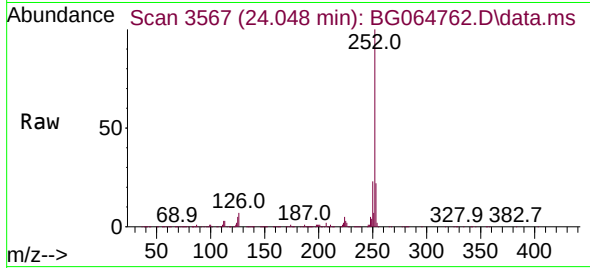
125 5.3 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025

Supervised By :Sohil Jodhani 11/14/2025



#90

Benzo(a)pyrene

Concen: 47.501 ng

RT: 24.859 min Scan# 3705

Delta R.T. -0.006 min

Lab File: BG064762.D

Acq: 13 Nov 2025 18:43

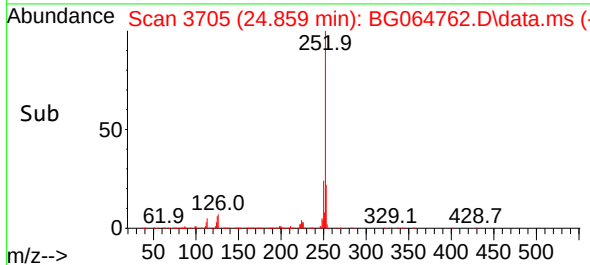
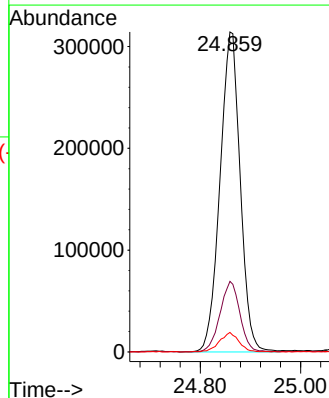
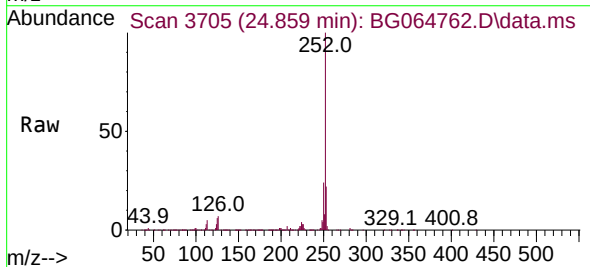
Tgt Ion:252 Resp: 877547

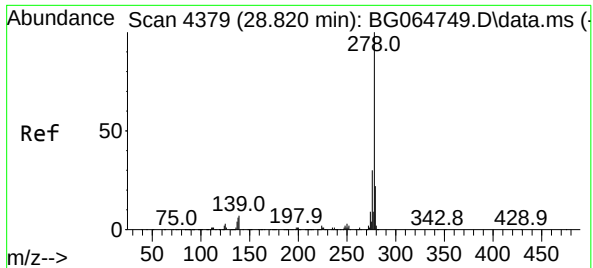
Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

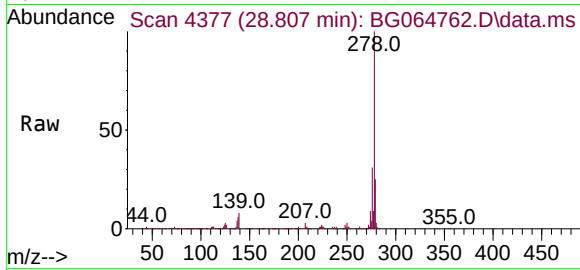
125 6.1 4.2 6.4





#91
 Dibenzo(a,h)anthracene
 Concen: 49.618 ng
 RT: 28.807 min Scan# 4379
 Delta R.T. -0.012 min
 Lab File: BG064762.D
 Acq: 13 Nov 2025 18:43

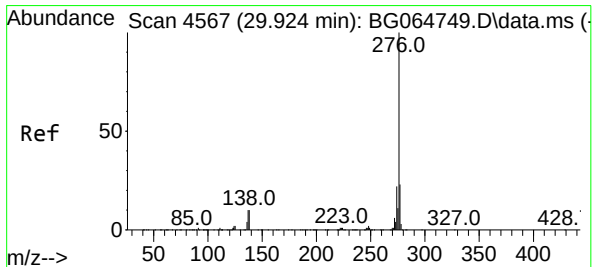
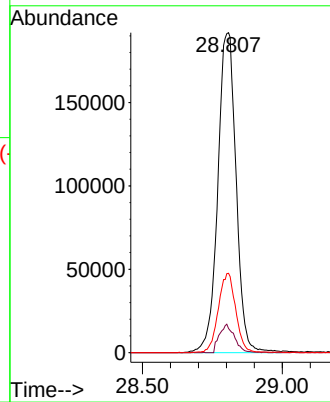
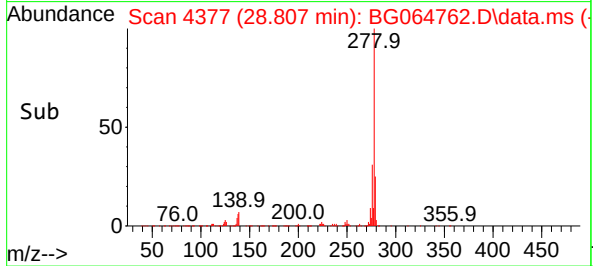
Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-05MSD



Tgt Ion:278 Resp: 873954
 Ion Ratio Lower Upper
 278 100
 139 7.5 5.8 8.8
 279 24.8 17.3 25.9

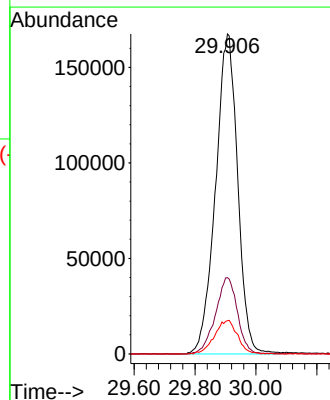
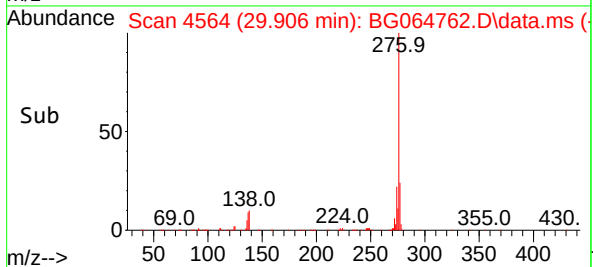
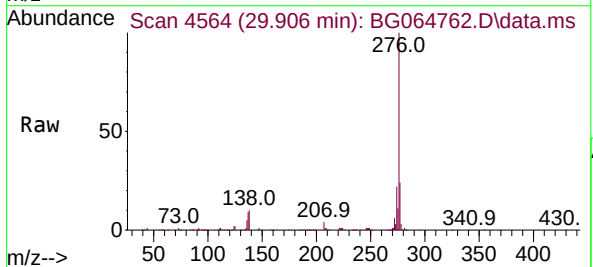
Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025



#92
 Benzo(g,h,i)perylene
 Concen: 49.657 ng
 RT: 29.906 min Scan# 4564
 Delta R.T. -0.018 min
 Lab File: BG064762.D
 Acq: 13 Nov 2025 18:43

Tgt Ion:276 Resp: 841752
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.0 27.0
 138 10.4 8.2 12.2



Manual Integration Report

Sequence:	BG111225	Instrument	BNA_g

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



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

Manual Integration Report

Sequence:

BG111225

Instrument

BNA_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	BG111325	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064756.D	Benzoic acid	Jagrut	11/14/2025 11:01:12 AM	Sohil	11/14/2025 12:26:44 PM	Peak Integrated by Software
PB170528BS	BG064758.D	Benzoic acid	Jagrut	11/14/2025 11:01:14 AM	Sohil	11/14/2025 12:26:46 PM	Peak Integrated by Software
PB170528BS	BG064758.D	Caprolactam	Jagrut	11/14/2025 11:01:14 AM	Sohil	11/14/2025 12:26:46 PM	Peak Integrated by Software
Q3609-13MS	BG064761.D	Caprolactam	Jagrut	11/14/2025 11:01:16 AM	Sohil	11/14/2025 12:26:48 PM	Peak Integrated by Software
Q3609-13MSD	BG064762.D	Caprolactam	Jagrut	11/14/2025 11:01:18 AM	Sohil	11/14/2025 12:26:50 PM	Peak Integrated by Software
Q3614-02	BG064765.D	Chrysene	Jagrut	11/14/2025 11:01:19 AM	Sohil	11/14/2025 12:26:52 PM	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 # BG111325

Review By	Jagrut	Review On	11/14/2025 11:01:47 AM
Supervise By	Sohil	Supervise On	11/14/2025 12:27:02 PM
SubDirectory	BG111325	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	S13183,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064755.D	13 Nov 2025 13:54	RC/JU	Ok
2	SSTDCCC040	BG064756.D	13 Nov 2025 14:35	RC/JU	Ok,M
3	PB170528BL	BG064757.D	13 Nov 2025 15:16	RC/JU	Ok
4	PB170528BS	BG064758.D	13 Nov 2025 15:57	RC/JU	Ok,M
5	Q3609-10	BG064759.D	13 Nov 2025 16:41	RC/JU	Ok
6	Q3609-13	BG064760.D	13 Nov 2025 17:22	RC/JU	Ok
7	Q3609-13MS	BG064761.D	13 Nov 2025 18:03	RC/JU	Ok,M
8	Q3609-13MSD	BG064762.D	13 Nov 2025 18:43	RC/JU	Ok,M
9	Q3618-02	BG064763.D	13 Nov 2025 19:24	RC/JU	Ok
10	Q3609-04	BG064764.D	13 Nov 2025 20:05	RC/JU	Ok
11	Q3614-02	BG064765.D	13 Nov 2025 20:46	RC/JU	Ok,M
12	Q3614-03	BG064766.D	13 Nov 2025 21:27	RC/JU	Ok
13	Q3609-07	BG064767.D	13 Nov 2025 22:08	RC/JU	Ok
14	Q3614-01	BG064768.D	13 Nov 2025 22:48	RC/JU	Ok
15	Q3609-06	BG064769.D	13 Nov 2025 23:29	RC/JU	Ok
16	Q3609-09	BG064770.D	14 Nov 2025 00:10	RC/JU	Ok
17	Q3609-12	BG064771.D	14 Nov 2025 00:51	RC/JU	Ok
18	Q3609-15	BG064772.D	14 Nov 2025 1:33	RC/JU	Ok

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 # BG111325

Review By	Jagrut	Review On	11/14/2025 11:01:47 AM
Supervise By	Sohil	Supervise On	11/14/2025 12:27:02 PM
SubDirectory	BG111325	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	S13183,10ul/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	BG064755.D	13 Nov 2025 13:54		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064756.D	13 Nov 2025 14:35		RC/JU	Ok,M
3	PB170528BL	PB170528BL	BG064757.D	13 Nov 2025 15:16		RC/JU	Ok
4	PB170528BS	PB170528BS	BG064758.D	13 Nov 2025 15:57		RC/JU	Ok,M
5	Q3609-10	AU-713-COMP-04	BG064759.D	13 Nov 2025 16:41		RC/JU	Ok
6	Q3609-13	AU-713-COMP-05	BG064760.D	13 Nov 2025 17:22		RC/JU	Ok
7	Q3609-13MS	AU-713-COMP-05MS	BG064761.D	13 Nov 2025 18:03		RC/JU	Ok,M
8	Q3609-13MSD	AU-713-COMP-05MSD	BG064762.D	13 Nov 2025 18:43		RC/JU	Ok,M
9	Q3618-02	EME-GENERAL-FILL	BG064763.D	13 Nov 2025 19:24		RC/JU	Ok
10	Q3609-04	AU-713-COMP-02	BG064764.D	13 Nov 2025 20:05		RC/JU	Ok
11	Q3614-02	COMP-2	BG064765.D	13 Nov 2025 20:46		RC/JU	Ok,M
12	Q3614-03	COMP-3	BG064766.D	13 Nov 2025 21:27		RC/JU	Ok
13	Q3609-07	AU-713-COMP-03	BG064767.D	13 Nov 2025 22:08		RC/JU	Ok
14	Q3614-01	COMP-1	BG064768.D	13 Nov 2025 22:48		RC/JU	Ok
15	Q3609-06	AU-713-COMP-02	BG064769.D	13 Nov 2025 23:29		RC/JU	Ok
16	Q3609-09	AU-713-COMP-03	BG064770.D	14 Nov 2025 00:10		RC/JU	Ok
17	Q3609-12	AU-713-COMP-04	BG064771.D	14 Nov 2025 00:51		RC/JU	Ok
18	Q3609-15	AU-713-COMP-05	BG064772.D	14 Nov 2025 1:33		RC/JU	Ok

Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QC Batch ID # BG111325

Review By	Jagrut	Review On	11/14/2025 11:01:47 AM		
Supervise By	Sohil	Supervise On	11/14/2025 12:27:02 PM		
SubDirectory	BG111325	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	S13183,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 11/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 11/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137869

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
Q3609-01	AU-713-COMP-01	1	1.15	10.53	11.68	9.74	81.6	
Q3609-02	AU-713-VOC-01	2	1.18	10.57	11.75	10.37	86.9	
Q3609-04	AU-713-COMP-02	3	1.19	10.53	11.72	10.1	84.6	
Q3609-05	AU-713-VOC-02	4	1.15	10.68	11.83	9.23	75.7	
Q3609-07	AU-713-COMP-03	5	1.19	10.33	11.52	10.00	85.3	
Q3609-08	AU-713-VOC-03	6	1.16	10.90	12.06	10.44	85.1	
Q3609-10	AU-713-COMP-04	7	1.18	10.34	11.52	9.51	80.6	
Q3609-11	AU-713-VOC-04	8	1.13	10.46	11.59	10.16	86.3	
Q3609-13	AU-713-COMP-05	9	1.14	10.49	11.63	10.05	84.9	
Q3609-14	AU-713-VOC-05	10	1.13	10.40	11.53	10.00	85.3	
Q3609-15	AU-713-COMP-05	11	1.14	10.49	11.63	10.05	84.9	
Q3610-01	AU-713-TPH-01	12	1.18	10.35	11.53	10.37	88.8	
Q3610-02	AU-713-TPH-02	13	1.19	10.50	11.69	9.48	79.0	
Q3610-03	AU-713-TPH-03	14	1.11	10.33	11.44	9.75	83.6	
Q3610-04	AU-713-TPH-04	15	1.18	10.42	11.6	9.1	76.0	
Q3610-05	AU-713-TPH-05	16	1.18	10.56	11.74	10.33	86.6	
Q3610-06	AU-713-TPH-06	17	1.19	10.37	11.56	10.03	85.2	
Q3610-07	AU-713-TPH-07	18	1.15	10.40	11.55	9.08	76.3	
Q3610-08	AU-713-TPH-08	19	1.19	10.43	11.62	10.04	84.9	
Q3610-09	AU-713-TPH-09	20	1.18	10.71	11.89	9.9	81.4	
Q3610-10	AU-713-TPH-10	21	1.16	10.24	11.4	9.96	85.9	
Q3610-11	AU-713-TPH-11	22	1.14	9.99	11.13	8.96	78.3	
Q3610-12	AU-713-TPH-12	23	1.19	10.49	11.68	9.99	83.9	
Q3610-13	AU-713-TPH-13	24	1.15	10.84	11.99	10.4	85.3	
Q3610-14	AU-713-TPH-14	25	1.18	10.50	11.68	10.44	88.2	
Q3610-15	AU-713-TPH-15	26	1.14	10.48	11.62	10.34	87.8	
Q3611-01	AU-713-01	27	1.13	10.54	11.67	9.83	82.5	
Q3611-02	AU-713-02	28	1.12	11.27	12.39	9.7	76.1	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 11/13/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:20
In Date: 11/12/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 11/13/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137869

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
Q3611-03	AU-713-03	29	1.12	10.07	11.19	9.69	85.1	
Q3611-04	AU-713-04	30	1.16	10.64	11.8	9.27	76.2	
Q3611-05	AU-713-05	31	1.16	10.31	11.47	10.55	91.1	
Q3611-06	AU-713-06	32	1.18	10.70	11.88	10.14	83.7	
Q3611-07	AU-713-07	33	1.15	10.28	11.43	9.16	77.9	
Q3611-08	AU-713-08	34	1.19	10.71	11.9	10.05	82.7	
Q3611-09	AU-713-09	35	1.19	10.66	11.85	9.64	79.3	
Q3611-10	AU-713-10	36	1.17	10.13	11.3	9.79	85.1	
Q3611-11	AU-713-11	37	1.13	11.03	12.16	9.74	78.1	
Q3611-12	AU-713-12	38	1.11	10.13	11.24	9.17	79.6	
Q3611-13	AU-713-13	39	1.13	10.59	11.72	9.54	79.4	
Q3611-14	AU-713-14	40	1.16	10.23	11.39	10.02	86.6	
Q3611-15	AU-713-15	41	1.16	10.44	11.6	10.08	85.4	
Q3614-01	COMP-1	42	1.12	10.94	12.06	10.12	82.3	
Q3614-02	COMP-2	43	1.18	10.44	11.62	9.71	81.7	
Q3614-03	COMP-3	44	1.18	10.30	11.48	9.78	83.5	
Q3615-01	East Bathhouse-Concrete	45	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3618-01	EME-TOP-SOIL	46	1.18	10.33	11.51	8.44	70.3	
Q3618-02	EME-GENERAL-FILL	47	1.19	10.38	11.57	10.34	88.2	
Q3621-01	VNJ-231	48	1.16	10.38	11.54	11.06	95.4	
Q3621-02	VNJ-231	49	1.19	10.21	11.4	10.7	93.1	
Q3622-01	RT3071-SOLID	50	1.15	10.44	11.59	8.75	72.8	
Q3623-01	RBR200007-SOIL	51	1.13	10.84	11.97	10.5	86.4	
Q3623-02	RBR200007-SILICA	52	1.13	10.86	11.99	3.71	23.8	sludge sample
Q3624-01	OK-02-11122025	53	1.13	10.91	12.04	10.54	86.3	
Q3624-02	OK-02-11122025-E2	54	1.16	10.34	11.5	10.12	86.7	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

UP 137869

WorkList Name : %1-111225

WorkList ID : 193056

Department : Wet-Chemistry

Date : 11-12-2025 07:31:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3609-01	AU-713-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-02	AU-713-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-04	AU-713-COMP-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-05	AU-713-VOC-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-07	AU-713-COMP-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-08	AU-713-VOC-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-10	AU-713-COMP-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-11	AU-713-VOC-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-13	AU-713-COMP-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-14	AU-713-VOC-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3609-15	AU-713-COMP-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-01	AU-713-TPH-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-02	AU-713-TPH-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-03	AU-713-TPH-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-04	AU-713-TPH-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-05	AU-713-TPH-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-06	AU-713-TPH-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-07	AU-713-TPH-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-08	AU-713-TPH-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-09	AU-713-TPH-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-10	AU-713-TPH-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO

Date/Time 11-12-25 15:30

Raw Sample Received by: JP WCI

Raw Sample Relinquished by: CP

Date/Time 11-12-25

Raw Sample Received by: JP WCI

Raw Sample Relinquished by: JP WCI

WORKLIST(Hardcopy Internal Chain)

137869

WorkList Name : %1-111225

WorkList ID : 193056

Department : Wet-Chemistry

Date : 11-12-2025 07:31:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3610-11	AU-713-TPH-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-12	AU-713-TPH-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-13	AU-713-TPH-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-14	AU-713-TPH-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3610-15	AU-713-TPH-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/11/2025	Chemtech -SO
Q3611-01	AU-713-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-02	AU-713-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-03	AU-713-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-04	AU-713-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-05	AU-713-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-06	AU-713-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-07	AU-713-07	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-08	AU-713-08	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-09	AU-713-09	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-10	AU-713-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-11	AU-713-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-12	AU-713-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-13	AU-713-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-14	AU-713-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3611-15	AU-713-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	11/12/2025	Chemtech -SO
Q3614-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	POWE02	J21	11/11/2025	Chemtech -SO

Date/Time 11-12-25 13:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 11-12-25 17:40
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

137869

WorkList Name : %1-111225

WorkList ID : 193056

Department : Wet-Chemistry

Date : 11-12-2025 07:31:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3614-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	J21	11/11/2025	Chemtech -SO
Q3614-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	J21	11/11/2025	Chemtech -SO
Q3615-01	East Bathroom- Concrete	Solid	Percent Solids	Cool 4 deg C	CORE02	J32	11/12/2025	Chemtech -SO
Q3618-01	EME-TOP-SOIL	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	11/12/2025	Chemtech -SO
Q3618-02	EME-GENERAL-FILL	Solid	Percent Solids	Cool 4 deg C	ENTA05	D41	11/12/2025	Chemtech -SO
Q3621-01	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3621-02	VNJ-231	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3622-01	RT3071-SOLID	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3623-01	RBR200007-SOIL	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3623-02	RBR200007-SILICA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	11/12/2025	Chemtech -SO
Q3624-01	OK-02-11122025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/12/2025	Chemtech -SO
Q3624-02	OK-02-11122025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	11/12/2025	Chemtech -SO

Date/Time 11-12-25 15:30

Raw Sample Received by: SO (WC)

Raw Sample Relinquished by: [Signature]

Date/Time 11-12-25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

1740

[Signature]

[Signature]

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Extraction Start Date : 11/13/2025

Matrix : Solid

Extraction Start Time : 09:20

Weigh By: EH

Extraction By: RJ

Extraction End Date : 11/13/2025

Balance check: EH

Filter By: RJ

Extraction End Time : 12:25

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

☐ Continious Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6895
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2659
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Methylene Chloride	N/A	E3980
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A

Envap ID: N-EVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/13/25	RJ (Ext Lab)	JY/SVOC
12:30	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/13/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170528BL	SBLK528	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U1-1
PB170528BS	SLCS528	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3609-01	AU-713-COMP-01	SVOCMS Group1	50.02	N/A	ritesh	Evelyn	1	E		3
Q3609-04	AU-713-COMP-02	SVOCMS Group1	50.07	N/A	ritesh	Evelyn	1	E		4
Q3609-07	AU-713-COMP-03	SVOCMS Group1	50.06	N/A	ritesh	Evelyn	1	E		5
Q3609-10	AU-713-COMP-04	SVOCMS Group1	50.04	N/A	ritesh	Evelyn	1	E		6
Q3609-13	AU-713-COMP-05	SVOCMS Group1	50.02	N/A	ritesh	Evelyn	1	E		U2-1
Q3609-13MS	AU-713-COMP-05MS	SVOCMS Group1	50.08	N/A	ritesh	Evelyn	1	E		2
Q3609-13MS D	AU-713-COMP-05MSD	SVOCMS Group1	50.06	N/A	ritesh	Evelyn	1	E		3
Q3614-01	COMP-1	SVOCMS Group1	30.06	N/A	ritesh	Evelyn	1	E		4
Q3614-02	COMP-2	SVOCMS Group1	30.03	N/A	ritesh	Evelyn	1	E		5
Q3614-03	COMP-3	SVOCMS Group1	30.05	N/A	ritesh	Evelyn	1	E		6
Q3615-01	EAST BATHHOUSE- CONCRETE	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	E	Concrete	U3-1
Q3618-01	EME-TOP-SOIL	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		2
Q3618-02	EME-GENERAL-FILL	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	F		3
Q3621-02	VNJ-231	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	B		4
Q3624-01	OK-02-11122025	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		5

5-17
11-13-25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3621 WorkList ID : 193098 Department : Extraction Date : 11-13-2025 08:49:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3609-01	AU-713-COMP-01	Solid	SVOCMS Group1	Cool 4 deg C	PSEG03	D41	11/11/2025	8270E
Q3609-04	AU-713-COMP-02	Solid	SVOCMS Group1	Cool 4 deg C	PSEG03	D41	11/11/2025	8270E
Q3609-07	AU-713-COMP-03	Solid	SVOCMS Group1	Cool 4 deg C	PSEG03	D41	11/11/2025	8270E
Q3609-10	AU-713-COMP-04	Solid	SVOCMS Group1	Cool 4 deg C	PSEG03	D41	11/11/2025	8270E
Q3609-13	AU-713-COMP-05	Solid	SVOCMS Group1	Cool 4 deg C	PSEG03	D41	11/11/2025	8270E
Q3614-01	COMP-1	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	J21	11/11/2025	8270E
Q3614-02	COMP-2	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	J21	11/11/2025	8270E
Q3614-03	COMP-3	Solid	SVOCMS Group1	Cool 4 deg C	POWE02	J21	11/11/2025	8270E
Q3615-01	East Bathroom- Concrete	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CORE02	J32	11/12/2025	8270E
Q3618-01	EME-TOP-SOIL	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ENTA05	D41	11/12/2025	8270E
Q3618-02	EME-GENERAL-FILL	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ENTA05	D41	11/12/2025	8270E
Q3621-02	VNJ-231	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	11/12/2025	8270E
Q3624-01	OK-02-11122025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D41	11/12/2025	8270E

Date/Time 11/13/25 9:15
Raw Sample Received by: RJCEATG6
Raw Sample Relinquished by: RJCEATG6

Date/Time 11/13/25 9:40
Raw Sample Received by: RJCEATG6
Raw Sample Relinquished by: RJCEATG6



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: **Kleinfelder**
ADDRESS: **180 Sheree Blvd. Suite 3800**
CITY **Exton** STATE: **PA** ZIP: **19341**
ATTENTION: **Mark Warchol**
PHONE: **484-883-3892** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **Logan School**
PROJECT NO.: LOCATION: **Philadelphia, PA**
PROJECT MANAGER: **Mark Warchol**
e-mail: **mwarchol@kleinfelder.com**
PHONE: **484-883-3892** FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: **Same**
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) **5** DAYS*
HARDCOPY (DATA PACKAGE): **5** DAYS*
EDD: **5** DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

PADEP Historic
Clean Cell Parameters

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS			
			COMP	GRAB	DATE	TIME		E	1	2	3	4	5	6	7	8	9	← Specify Preservatives		
																		A-HCl	D-NaOH	
1.	COMP-1	Soil	✓		11/1/25	10:05	6	✓												
2.	COMP-2	↓	↓		↓	10:45	↓	↓												
3.	COMP-3	↓	↓		↓	11:30	↓	↓												
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. [Signature]	DATE/TIME: 11/1/25 15:00	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.6°C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME: 11/2/25 11:45	RECEIVED BY: 2. [Signature]	Comments: 2.6°C + 0.5 = 2.6°C
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME:	RECEIVED BY: 3. [Signature]	Page 1 of 1 CLIENT: ☐ Hand Delivered ☒ Other FedEx Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3614	POWE02	Order Date : 11/12/2025 11:51:00 AM	Project Mgr :
Client Name : Kleinfelder		Project Name : Logan School	Report Type : Results+QC
Client Contact : Mark Warchol		Receive DateTime : 11/12/2025 11:45:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Kleinfelder		Purchase Order :	Hard Copy Date :
Invoice Contact : Mark Warchol			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3614-01	COMP-1	Solid	11/11/2025	10:05					
					VOCMS Group1		8260D	5 Bus. Days	
Q3614-02	COMP-2	Solid	11/11/2025	10:45					
					VOCMS Group1		8260D	5 Bus. Days	
Q3614-03	COMP-3	Solid	11/11/2025	11:30					
					VOCMS Group1		8260D	5 Bus. Days	

Relinquished By : 

Date / Time : 11/12/25 1250

Received By : 

Date / Time : 11/12/25 1250

Storage Area : VOA Refridgerator Room