

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059185.D
 Acq On : 25 Sep 2023 15:49
 Operator : MA/JU
 Sample : 04429-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBKJ4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/26/2023

Quant Time: Sep 26 00:17:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	49258	20.000	ng/ul	# 0.01
20) Naphthalene-d8	11.167	136	238175	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.945	164	146290	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.695	188	322238m	20.000	ng/ul	0.01
79) Chrysene-d12	22.025	240	271149	20.000	ng/ul	0.02
88) Perylene-d12	25.598	264	319110	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	4.070	84	23319	6.316	ng/ul	0.01
7) Phenol-d5	7.454	99	27019	5.578	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.636	67	59299	19.951	ng/ul	0.01
11) 2-Chlorophenol-d4	7.842	132	58808	16.453	ng/ul	0.02
15) 4-Methylphenol-d8	9.023	113	44099	11.432	ng/ul	0.02
21) Nitrobenzene-d5	9.522	128	36661	19.947	ng/ul	0.02
24) 2-Nitrophenol-d4	10.239	143	38313	20.636	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.780	165	70815	20.091	ng/ul	0.03
31) 4-Chloroaniline-d4	11.314	131	43926	7.985	ng/ul	0.02
46) Dimethylphthalate-d6	14.340	166	231168	20.547	ng/ul	0.01
49) Acenaphthylene-d8	14.652	160	277261	20.239	ng/ul	0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.932	176	204366	19.844	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.044	200	46060m	25.142	ng/ul	0.01
73) Anthracene-d10	17.795	188	298581	20.364	ng/ul	0.01
81) Pyrene-d10	20.069	212	349884	22.077	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.345	264	307028	19.704	ng/ul	0.03
Target Compounds						
12) 2-Chlorophenol	7.871	128	5629	1.544	ng/ul#	78
13) 2-Methylphenol	8.753	108	39050	10.570	ng/ul	95
18) 4-Methylphenol	9.082	108	29182	7.371	ng/ul	87
30) Naphthalene	11.214	128	31991	2.510	ng/ul	98
36) 2-Methylnaphthalene	12.795	142	17367	2.040	ng/ul	92
37) 1-Methylnaphthalene	13.007	142	11318	1.316	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.136	216	4645	1.083	ng/ul#	68
42) 2,4,5-Trichlorophenol	13.471	196	5166	1.705	ng/ul#	83
43) 1,1'-Biphenyl	13.782	154	51298	4.393	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.527	232	20542m	7.326	ng/ul	
59) Diethylphthalate	15.733	149	502532	44.380	ng/ul	99
71) Pentachlorophenol	17.325	266	30492	13.072	ng/ul	93
78) Di-n-butylphthalate	18.612	149	39733m	2.105	ng/ul	

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

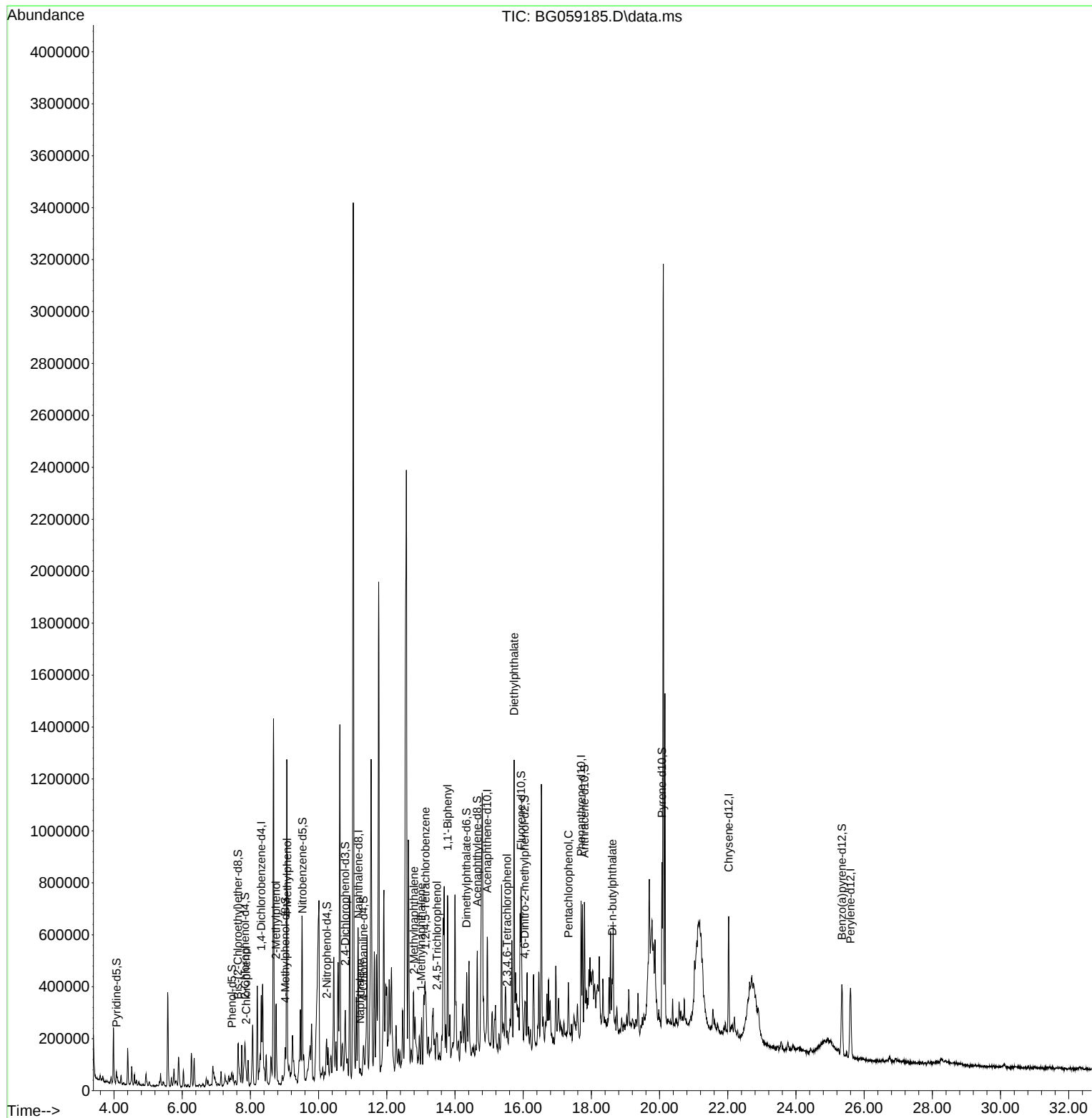
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
Data File : BG059185.D
Acq On : 25 Sep 2023 15:49
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ALS Vial : 11 Sample Multiplier: 1

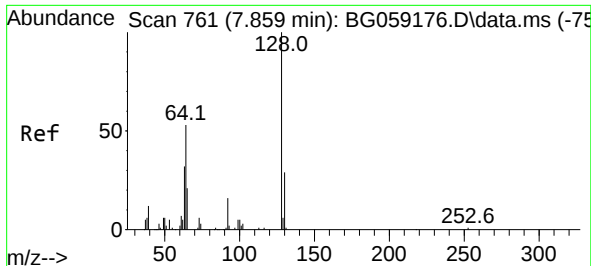
Instrument :
BNA_G
ClientSampleId :
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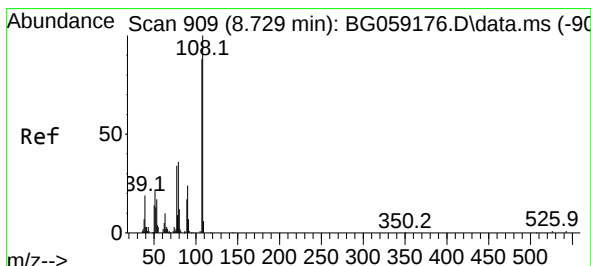
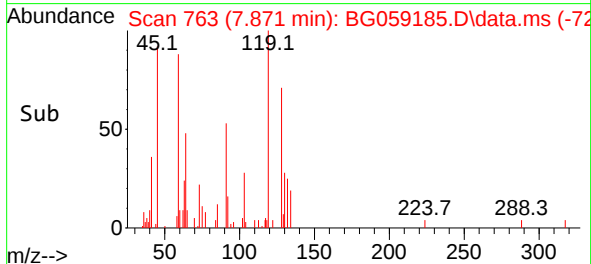
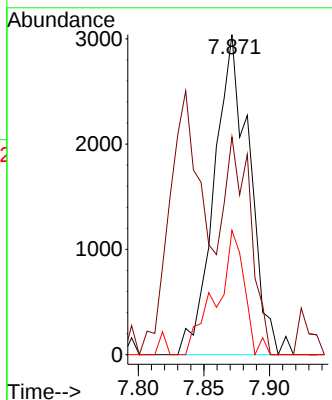
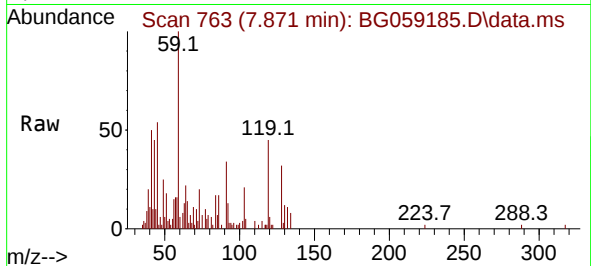
#12
2-Chlorophenol
Concen: 1.544 ng/ul
RT: 7.871 min Scan# 761
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Instrument :
BNA_G
ClientSampleId :
BBKJ4DL

Tgt Ion:128 Resp: 5629
Ion Ratio Lower Upper
128 100
64 68.0 40.3 60.5
130 38.9 24.0 36.0

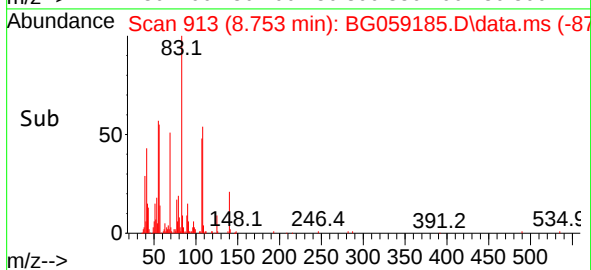
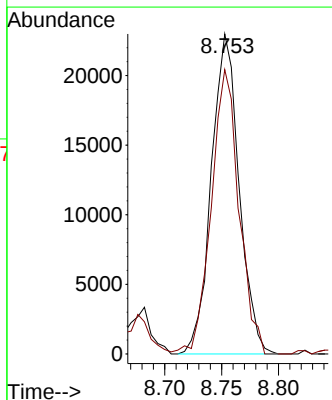
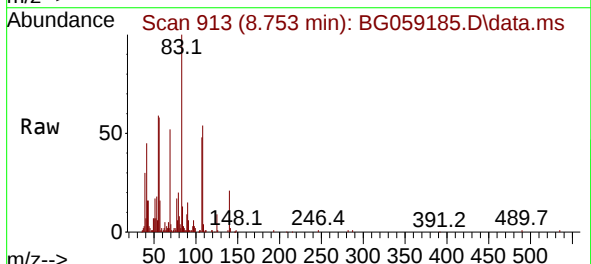
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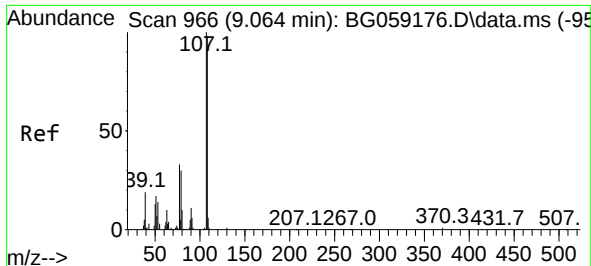
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#13
2-Methylphenol
Concen: 10.570 ng/ul
RT: 8.753 min Scan# 913
Delta R.T. 0.024 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

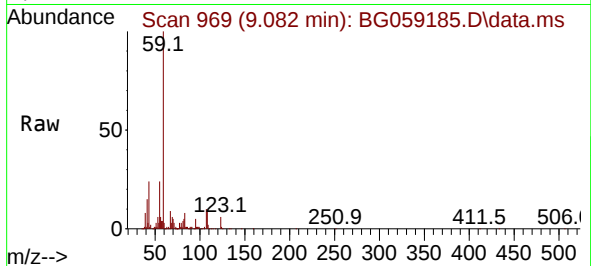
Tgt Ion:108 Resp: 39050
Ion Ratio Lower Upper
108 100
107 88.9 75.1 112.7





#18
4-Methylphenol
Concen: 7.371 ng/ul
RT: 9.082 min Scan# 90
Delta R.T. 0.018 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

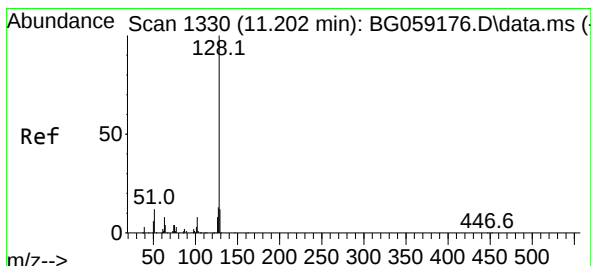
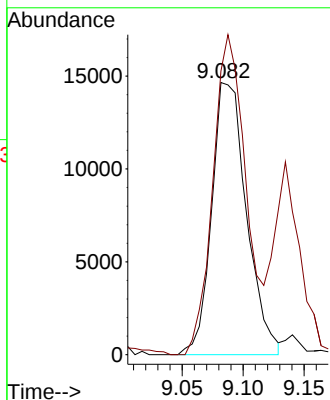
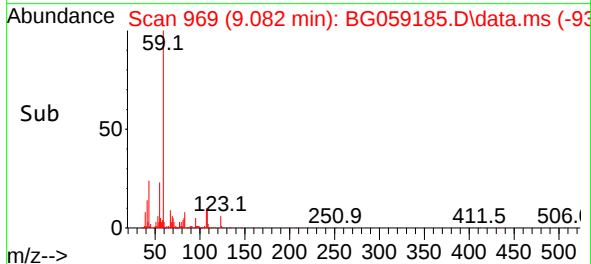
Instrument :
BNA_G
ClientSampleId :
BBKJ4DL



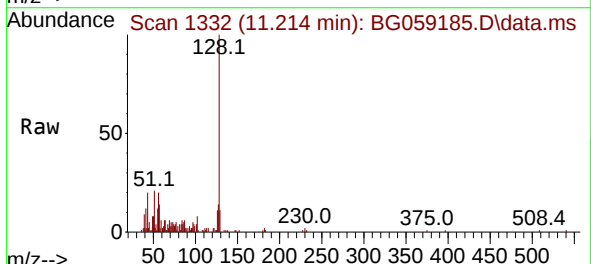
Tgt Ion:108 Resp: 2918
Ion Ratio Lower Upper
108 100
107 104.2 94.4 141.6

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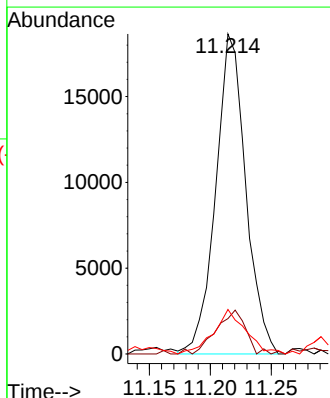
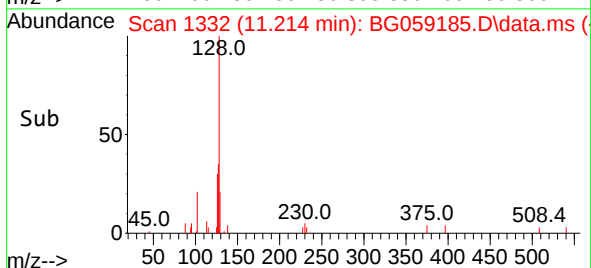
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023

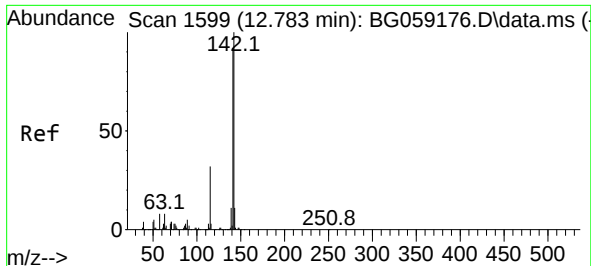


#30
Naphthalene
Concen: 2.510 ng/ul
RT: 11.214 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49



Tgt Ion:128 Resp: 31991
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.9 10.2 15.4





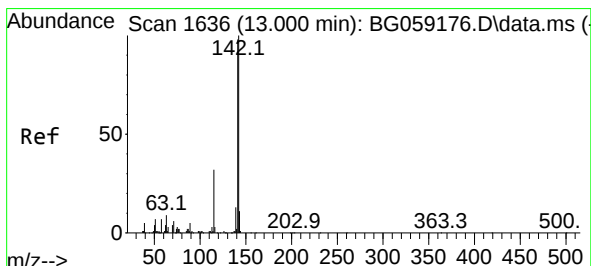
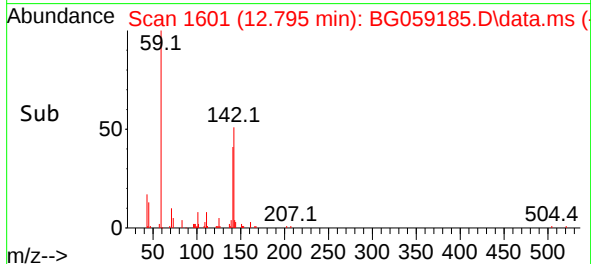
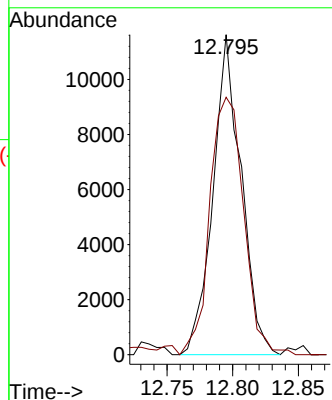
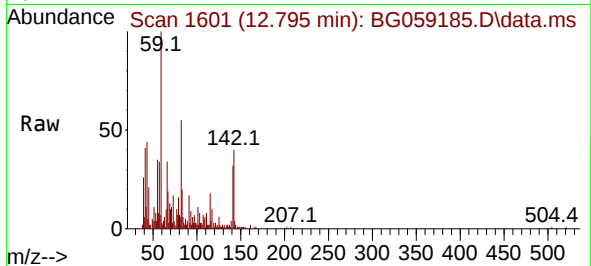
#36
2-Methylnaphthalene
Concen: 2.040 ng/ul
RT: 12.795 min Scan# 1599
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Instrument :
BNA_G
ClientSampleId :
BBKJ4DL

Tgt Ion:142 Resp: 1736
Ion Ratio Lower Upper
142 100
141 80.4 70.6 106.0

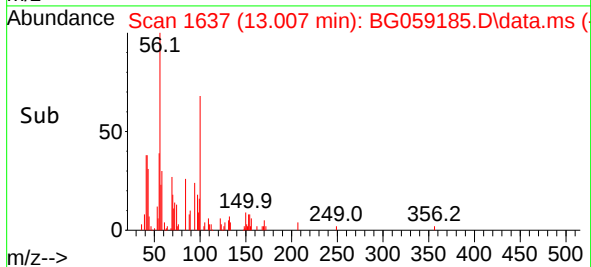
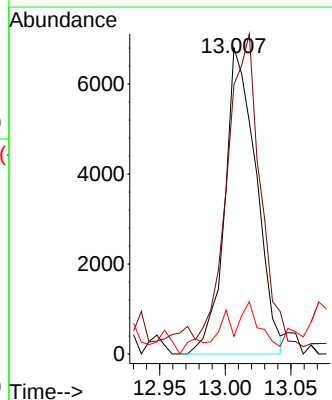
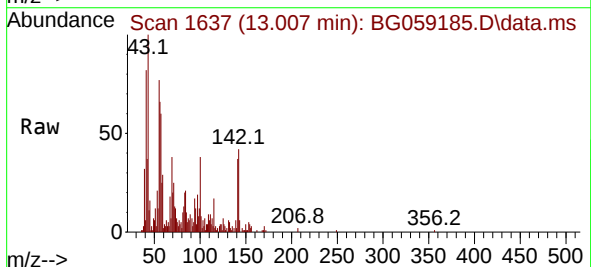
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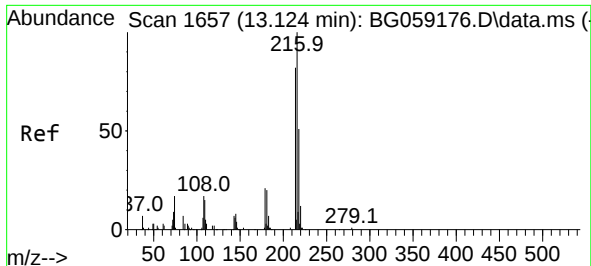
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#37
1-Methylnaphthalene
Concen: 1.316 ng/ul
RT: 13.007 min Scan# 1637
Delta R.T. 0.006 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Tgt Ion:142 Resp: 11318
Ion Ratio Lower Upper
142 100
141 88.0 72.0 108.0
116 5.8 2.7 4.1#





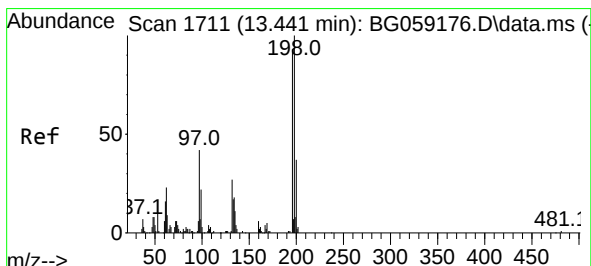
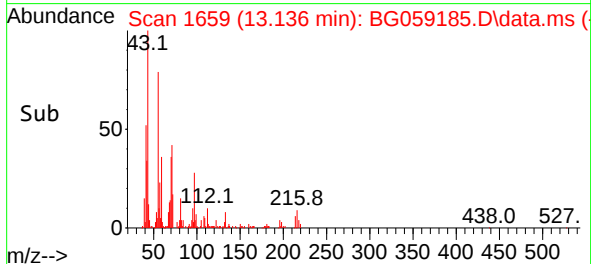
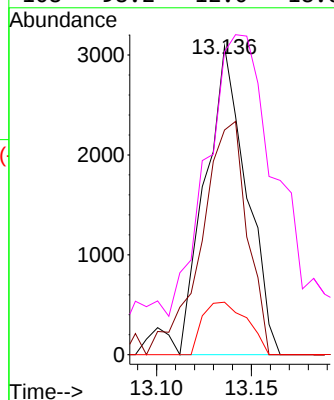
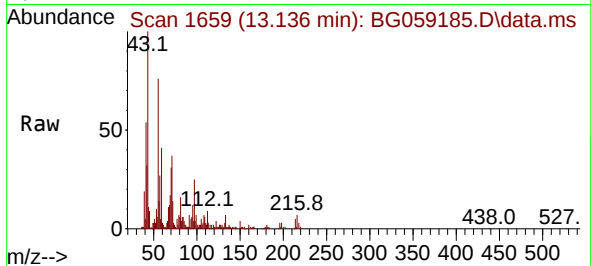
#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.083 ng/ul
RT: 13.136 min Scan# 1659
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

Instrument :
BNA_G
ClientSampleId :
BBKJ4DL

Tgt Ion:	216	Resp:	464
Ion Ratio	Lower	Upper	
216	100		
214	72.9	62.6	94.0
179	17.0	16.0	24.0
108	98.2	12.0	18.0#

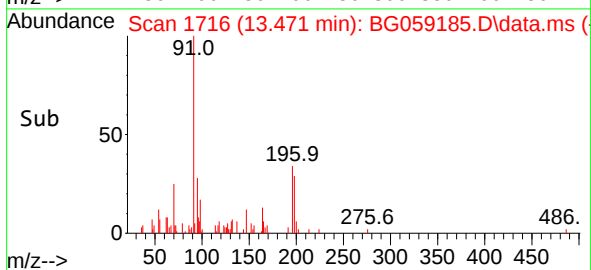
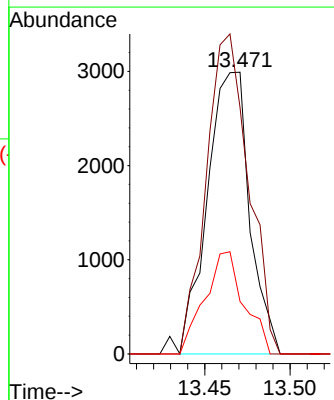
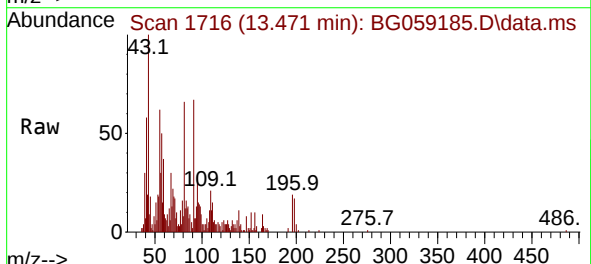
Manual Integrations
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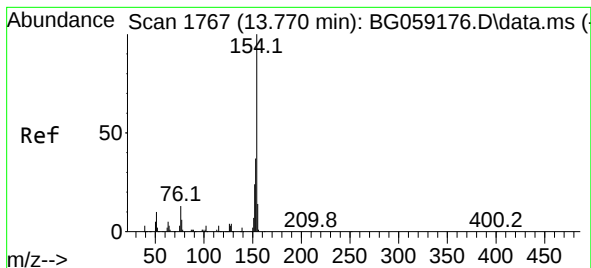
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#42
2,4,5-Trichlorophenol
Concen: 1.705 ng/ul
RT: 13.471 min Scan# 1716
Delta R.T. 0.030 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

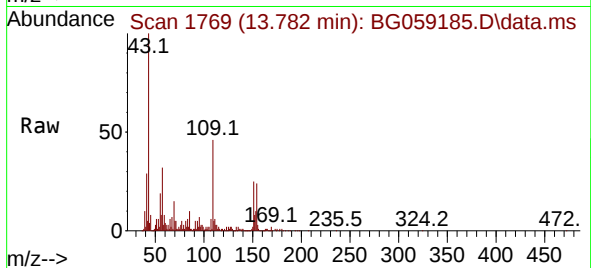
Tgt Ion:	196	Resp:	5166
Ion Ratio	Lower	Upper	
196	100		
198	87.4	81.0	121.6
200	18.6	27.1	40.7#





#43
1,1'-Biphenyl
Concen: 4.393 ng/ul
RT: 13.782 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49

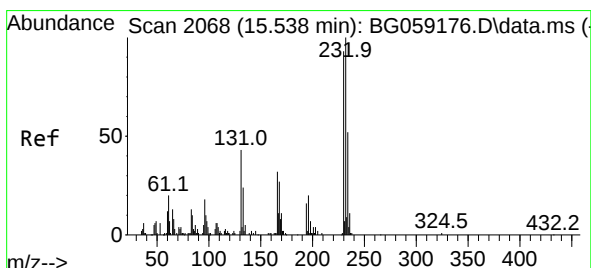
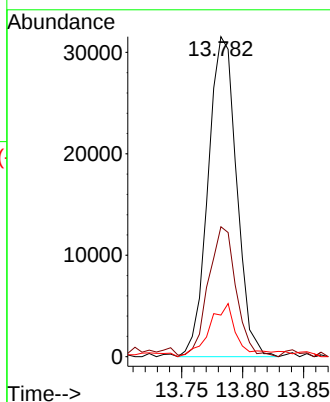
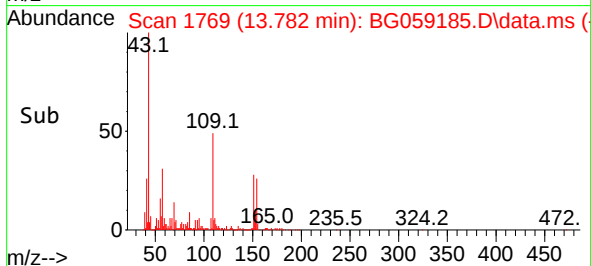
Instrument :
BNA_G
ClientSampleId :
BBKJ4DL



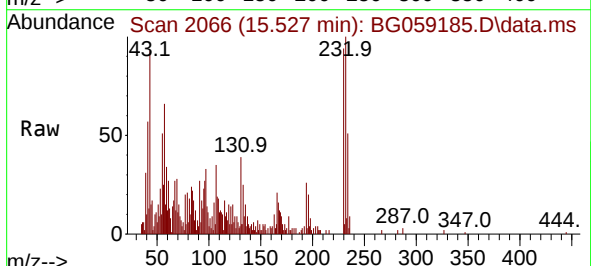
Tgt Ion:154 Resp: 51298
Ion Ratio Lower Upper
154 100
153 40.6 33.2 49.8
76 13.0 9.8 14.8

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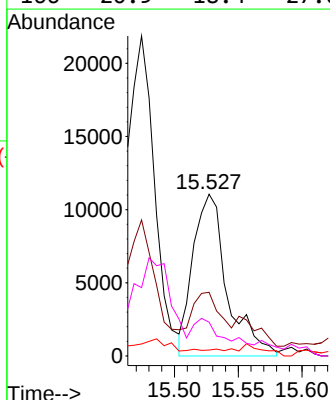
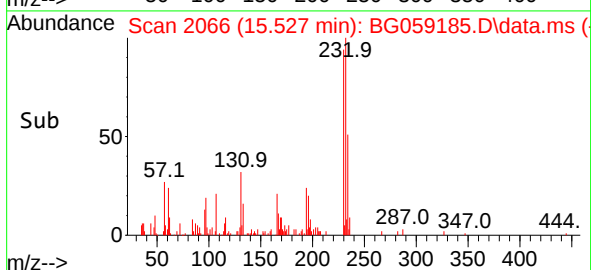
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023

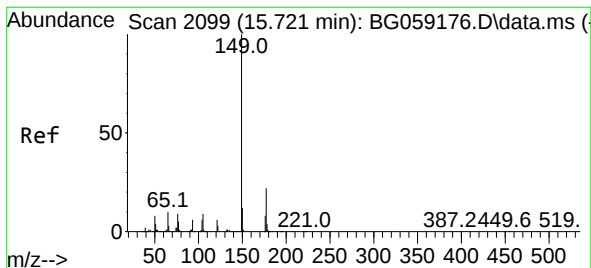


#58
2,3,4,6-Tetrachlorophenol
Concen: 7.326 ng/ul m
RT: 15.527 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BG059185.D
Acq: 25 Sep 2023 15:49



Tgt Ion:232 Resp: 20542
Ion Ratio Lower Upper
232 100
131 39.4 25.8 38.8#
130 3.6 1.8 2.6#
166 20.9 18.4 27.6





#59

Diethylphthalate

Concen: 44.380 ng/ul

RT: 15.733 min Scan# 2101

Delta R.T. 0.012 min

Lab File: BG059185.D

Acq: 25 Sep 2023 15:49

Instrument :

BNA_G

ClientSampleId :

BBKJ4DL

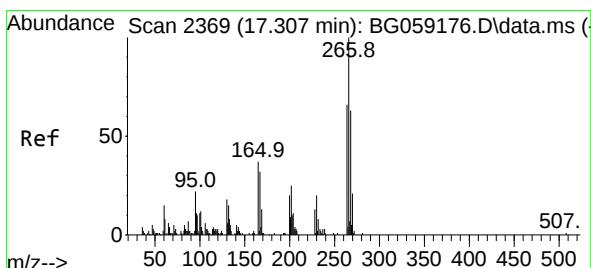
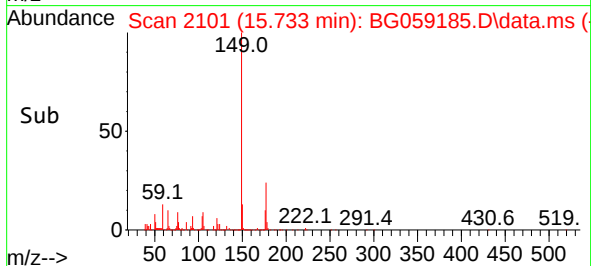
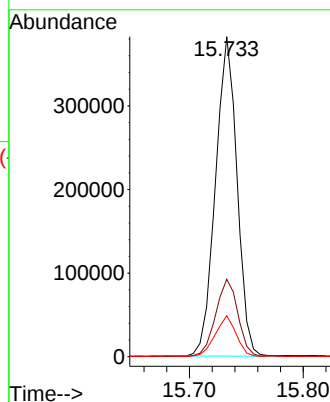
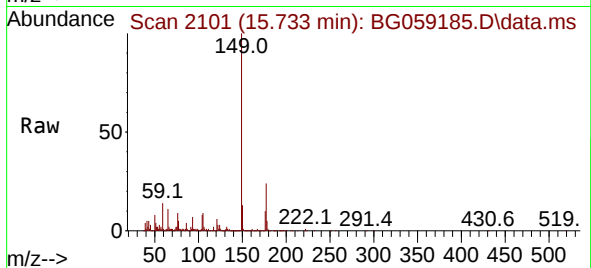
Tgt Ion:	149	Resp:	50253
Ion Ratio	Lower	Upper	
149	100		
177	24.2	19.4	29.2
150	12.8	9.8	14.8

Manual Integrations

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Supervised By :mohammad ahmed 09/26/2023



#71

Pentachlorophenol

Concen: 13.072 ng/ul

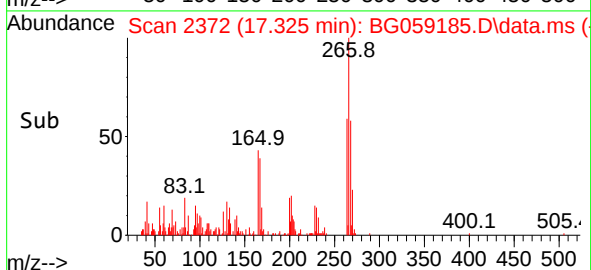
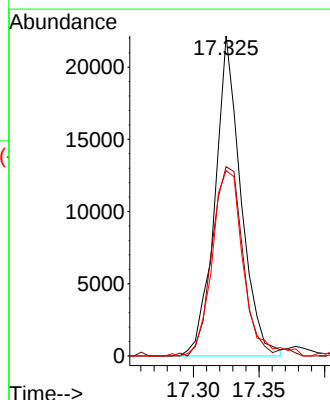
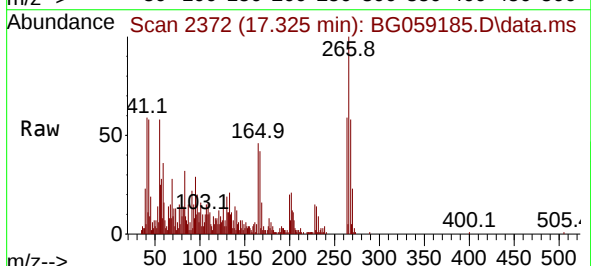
RT: 17.325 min Scan# 2372

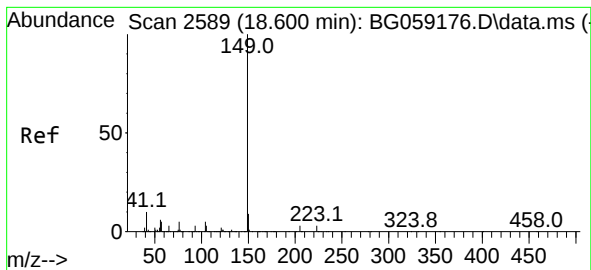
Delta R.T. 0.018 min

Lab File: BG059185.D

Acq: 25 Sep 2023 15:49

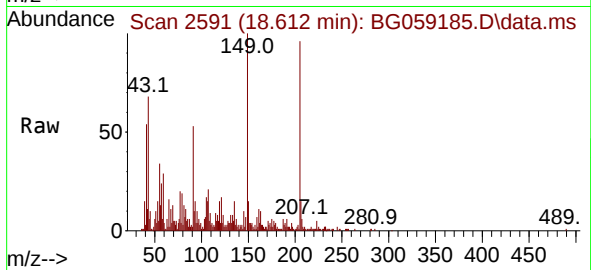
Tgt Ion:	266	Resp:	30492
Ion Ratio	Lower	Upper	
266	100		
264	59.1	50.6	76.0
268	63.5	56.4	84.6





#78
 Di-n-butylphthalate
 Concen: 2.105 ng/ul m
 RT: 18.612 min Scan# 2
 Delta R.T. 0.012 min
 Lab File: BG059185.D
 Acq: 25 Sep 2023 15:49

Instrument :
 BNA_G
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Tgt Ion:149 Resp: 3973
 Ion Ratio Lower Upper
 149 100
 150 14.7 7.4 11.2
 104 6.7 3.5 5.3

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