

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059186.D
 Acq On : 25 Sep 2023 16:30
 Operator : MA/JU
 Sample : 04429-10DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBHJ4DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 25 23:41:48 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	8.319	152	45024	20.000	ng/u1	0.01
20) Naphthalene-d8	11.169	136	268395	20.000	ng/u1	# 0.02
38) Acenaphthene-d10	14.947	164	129792	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.696	188	301868	20.000	ng/u1	0.01
79) Chrysene-d12	22.021	240	255376	20.000	ng/u1	0.01
88) Perylene-d12	25.599	264	296531	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.625	96	1332m	1.158	ng/uL	0.00
4) Pyridine-d5	4.071	84	23960	7.100	ng/u1	0.01
7) Phenol-d5	7.455	99	9547	2.156	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.638	67	27923	10.278	ng/u1	0.01
11) 2-Chlorophenol-d4	7.837	132	19356	5.925	ng/u1	0.01
15) 4-Methylphenol-d8	9.018	113	14344	4.068	ng/u1	0.02
21) Nitrobenzene-d5	9.518	128	15155	7.317	ng/u1	0.01
24) 2-Nitrophenol-d4	10.235	143	12792	6.114	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.769	165	24049	6.055	ng/u1	0.02
31) 4-Chloroaniline-d4	11.310	131	36797	5.936	ng/u1	0.01
46) Dimethylphthalate-d6	14.341	166	80871	8.102	ng/u1	0.01
49) Acenaphthylene-d8	14.653	160	97356	8.010	ng/u1	0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.934	176	75806	8.297	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.796	188	113414	8.257	ng/u1	0.01
81) Pyrene-d10	20.070	212	135818	9.099	ng/u1	0.01
92) Benzo(a)pyrene-d12	25.340	264	116208	8.026	ng/u1	0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.672	88	12107	9.308	ng/uL	92
8) Phenol	7.479	94	96943	21.304	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.737	93	10822	2.962	ng/u1	84
13) 2-Methylphenol	8.754	108	37337	11.056	ng/u1	84
16) Acetophenone	9.159	105	59319	10.928	ng/u1	91
18) 4-Methylphenol	9.083	108	272773	75.374	ng/u1	95
26) 2,4-Dimethylphenol	10.305	107	117178m	26.806	ng/u1	
30) Naphthalene	11.216	128	320988	22.350	ng/u1	98
36) 2-Methylnaphthalene	12.796	142	259410	27.044	ng/u1	95
37) 1-Methylnaphthalene	13.014	142	301860	31.153	ng/u1#	98
42) 2,4,5-Trichlorophenol	13.460	196	8165	3.038	ng/u1#	79
43) 1,1'-Biphenyl	13.783	154	63932	6.171	ng/u1	99
52) Acenaphthene	15.011	153	23896	2.714	ng/u1#	87
56) Dibenzofuran	15.340	168	20341	1.742	ng/u1#	87
59) Diethylphthalate	15.728	149	29423	2.929	ng/u1#	95
61) Fluorene	15.992	166	36607	3.671	ng/u1#	92
71) Pentachlorophenol	17.320	266	7476	3.421	ng/u1#	78
72) Phenanthrene	17.743	178	101668	6.018	ng/u1#	94
77) Carbazole	18.114	167	35094	2.445	ng/u1#	81

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

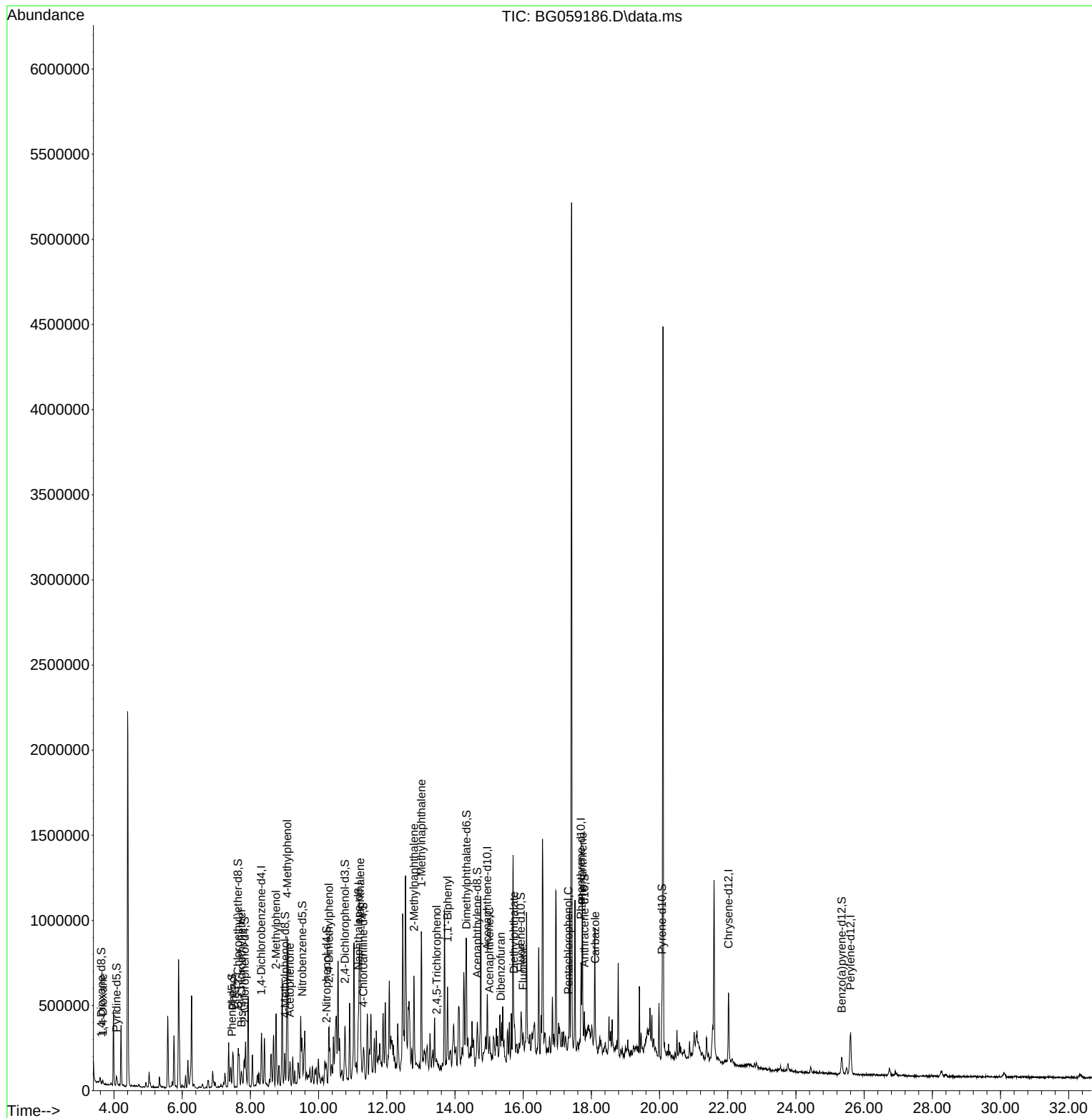
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
Data File : BG059186.D
Acq On : 25 Sep 2023 16:30
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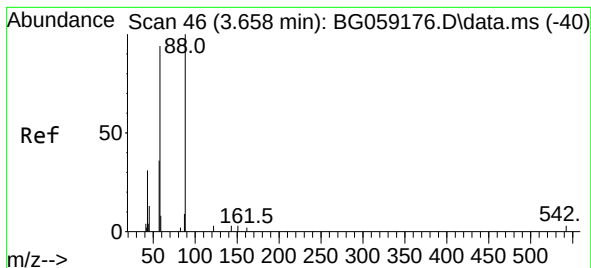
Instrument :
BNA_G
ClientSampleId :
BBHJ4DL

Quant Time: Sep 25 23:41:48 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

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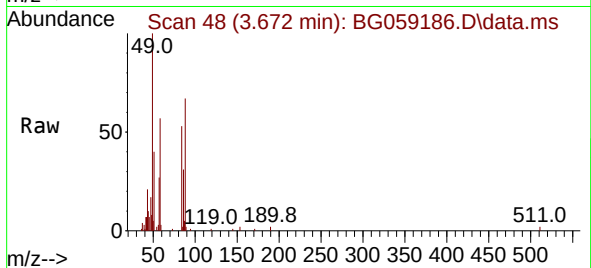
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023





#2
1,4-Dioxane
Concen: 9.308 ng/uL
RT: 3.672 min Scan# 41
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

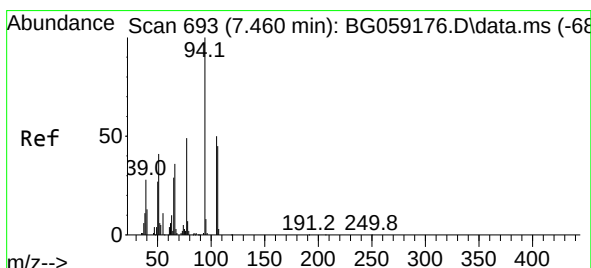
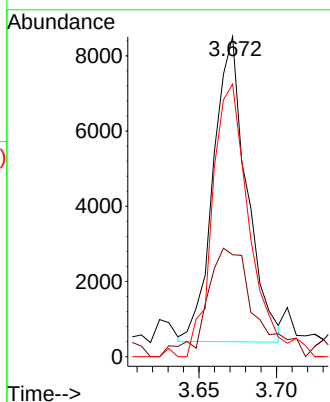
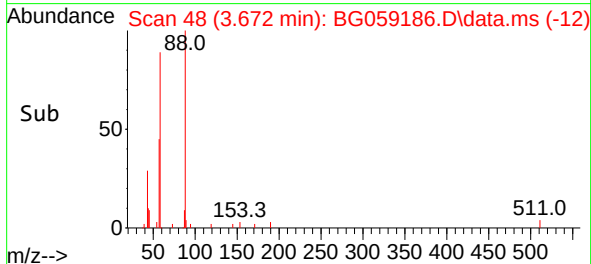
Instrument :
BNA_G
ClientSampleId :
BBHJ4DL



Tgt Ion: 88 Resp: 1210
Ion Ratio Lower Upper
88 100
43 31.8 24.5 36.7
58 85.2 60.6 91.0

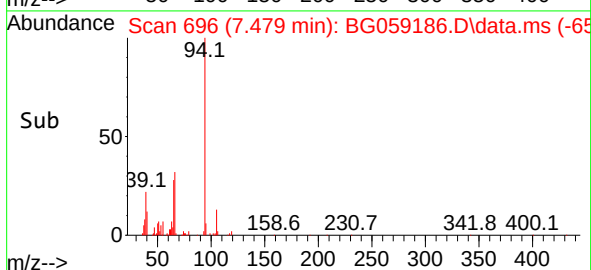
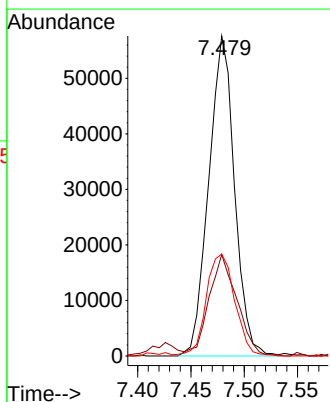
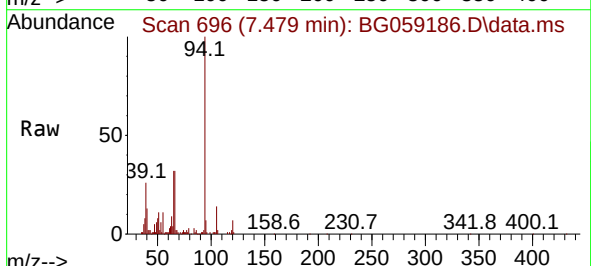
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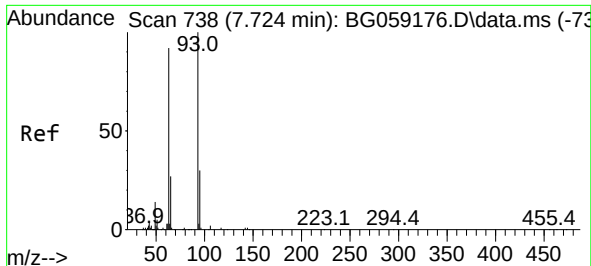
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#8
Phenol
Concen: 21.304 ng/uL
RT: 7.479 min Scan# 696
Delta R.T. 0.019 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

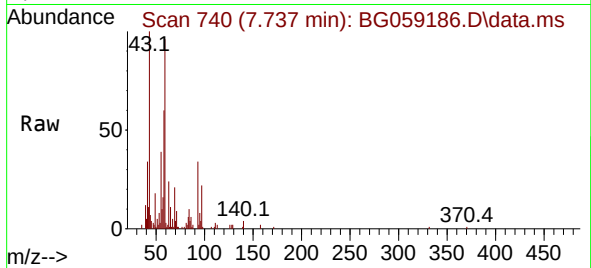
Tgt Ion: 94 Resp: 96943
Ion Ratio Lower Upper
94 100
65 31.7 24.4 36.6
66 31.8 28.4 42.6





#10
 Bis(2-Chloroethyl)ether
 Concen: 2.962 ng/ul
 RT: 7.737 min Scan# 740
 Delta R.T. 0.013 min
 Lab File: BG059186.D
 Acq: 25 Sep 2023 16:30

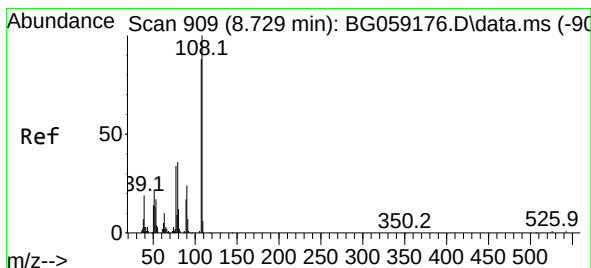
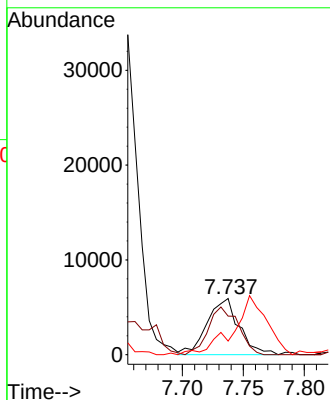
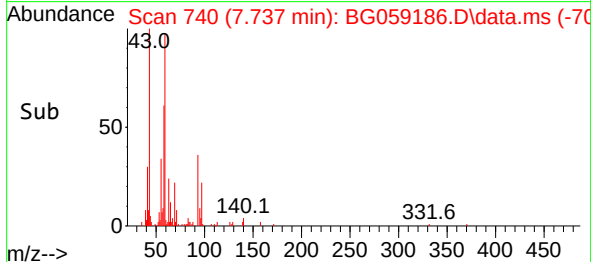
Instrument :
 BNA_G
 ClientSampleId :
 BBHJ4DL



Tgt Ion: 93 Resp: 1082
 Ion Ratio Lower Upper
 93 100
 63 68.8 68.3 102.5
 95 24.2 23.8 35.8

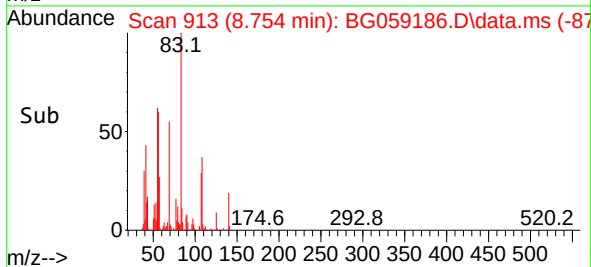
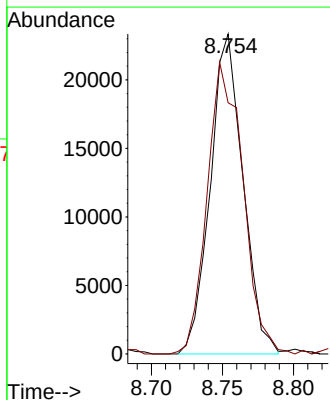
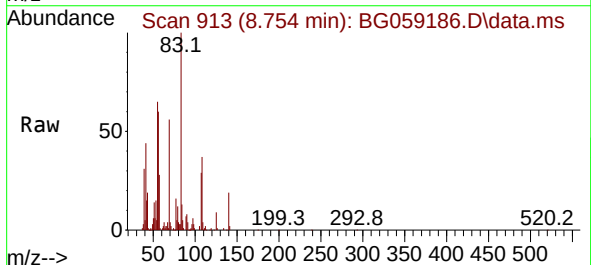
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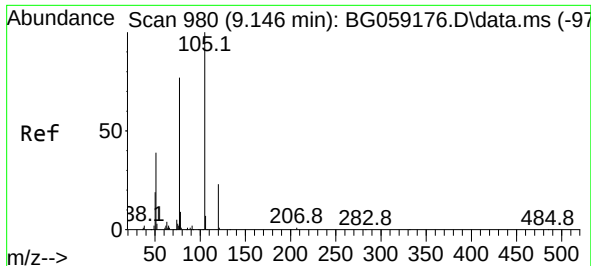
Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :mohammad ahmed 09/26/2023



#13
 2-Methylphenol
 Concen: 11.056 ng/ul
 RT: 8.754 min Scan# 913
 Delta R.T. 0.025 min
 Lab File: BG059186.D
 Acq: 25 Sep 2023 16:30

Tgt Ion:108 Resp: 37337
 Ion Ratio Lower Upper
 108 100
 107 78.5 75.1 112.7





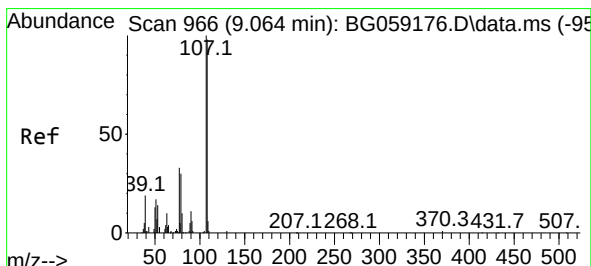
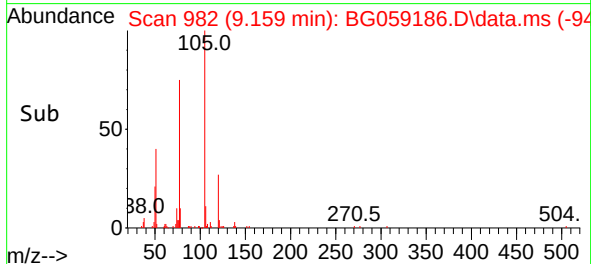
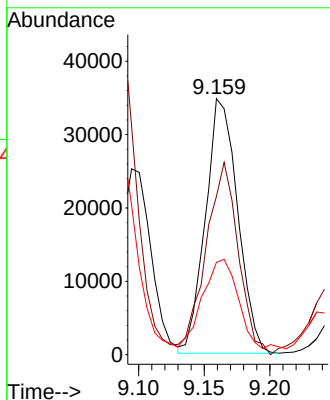
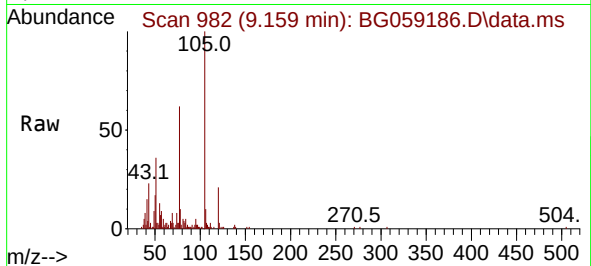
#16
Acetophenone
Concen: 10.928 ng/ul
RT: 9.159 min Scan# 911
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

Instrument :
BNA_G
ClientSampleId :
BBHJ4DL

Tgt Ion	Ratio	Lower	Upper
105	100		
77	61.8	57.2	85.8
51	36.1	31.6	47.4

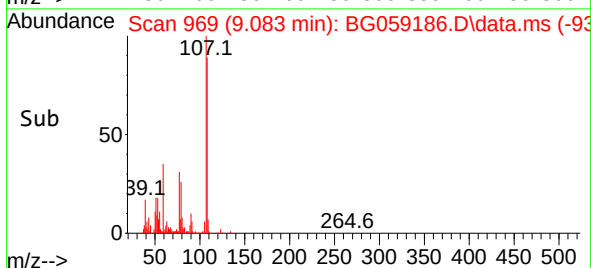
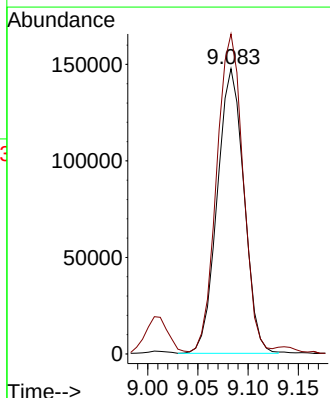
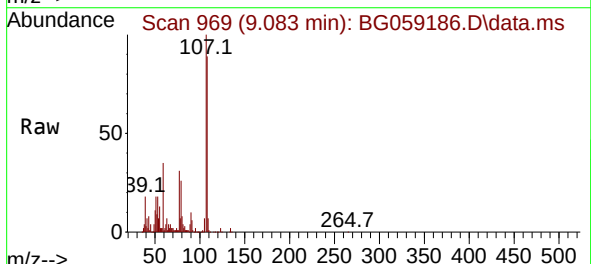
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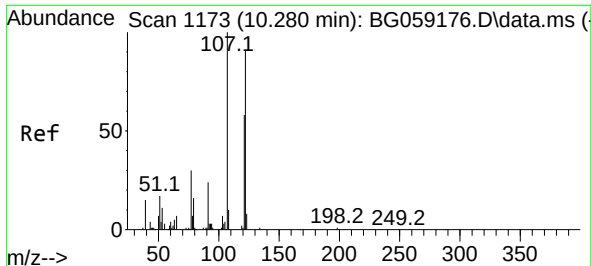
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#18
4-Methylphenol
Concen: 75.374 ng/ul
RT: 9.083 min Scan# 969
Delta R.T. 0.019 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

Tgt Ion	Ratio	Lower	Upper
108	100		
107	112.2	94.4	141.6





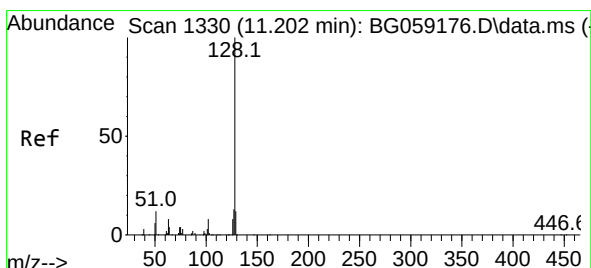
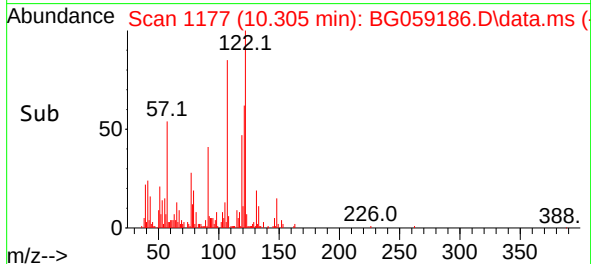
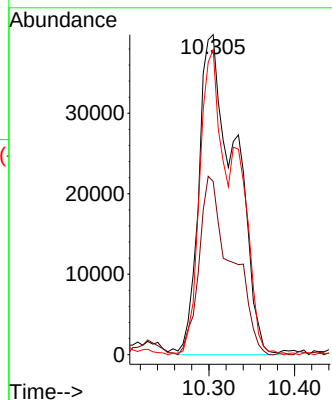
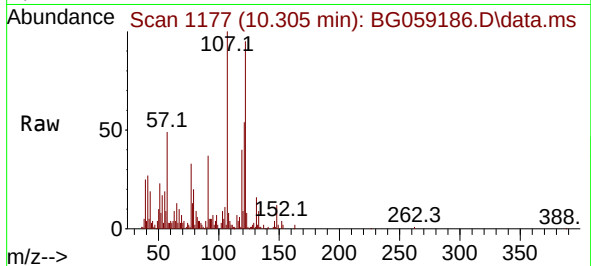
#26
2,4-Dimethylphenol
Concen: 26.806 ng/ul m
RT: 10.305 min Scan# 1177
Delta R.T. 0.025 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

Instrument :
BNA_G
ClientSampleId :
BBHJ4DL

Tgt Ion:107 Resp: 117178
Ion Ratio Lower Upper
107 100
121 54.2 41.4 62.0
122 95.4 80.6 120.8

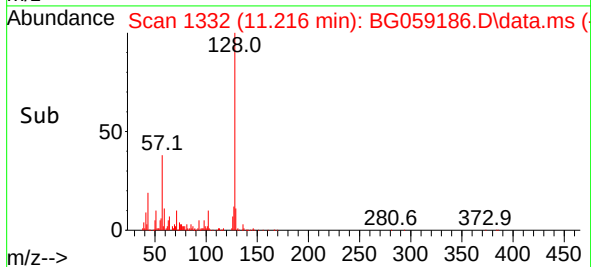
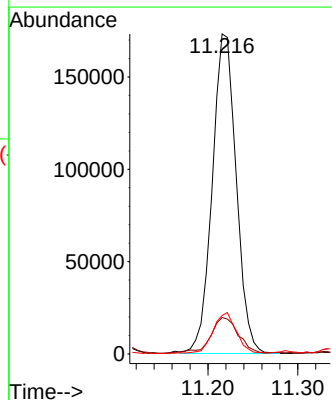
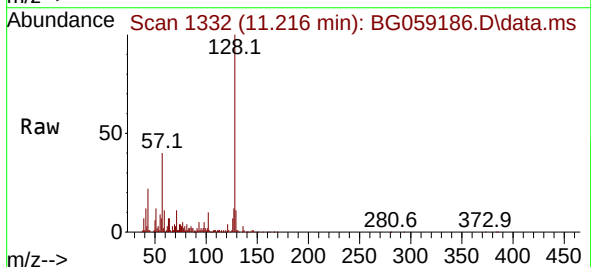
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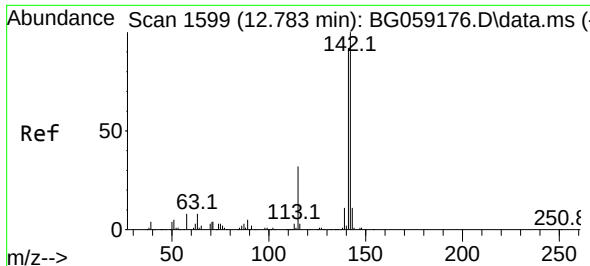
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#30
Naphthalene
Concen: 22.350 ng/ul
RT: 11.216 min Scan# 1332
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

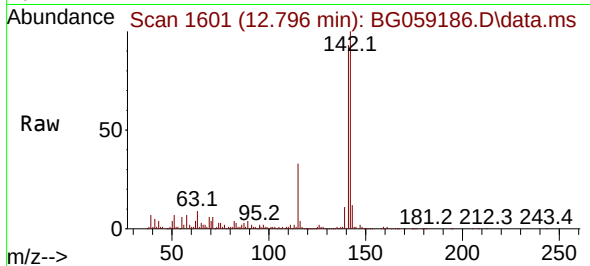
Tgt Ion:128 Resp: 320988
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 12.0 10.2 15.4





#36
2-Methylnaphthalene
Concen: 27.044 ng/ul
RT: 12.796 min Scan# 1599
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

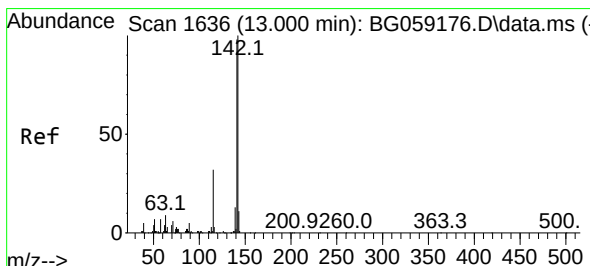
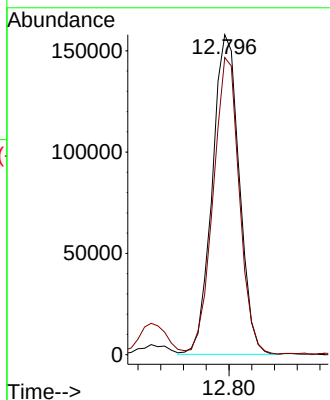
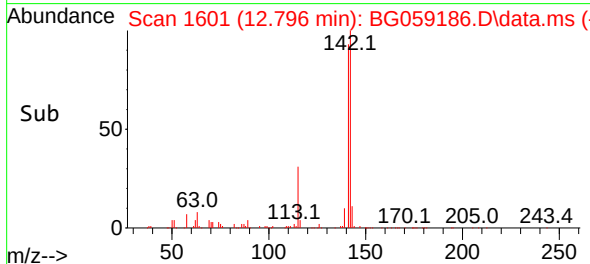
Instrument :
BNA_G
ClientSampleId :
BBHJ4DL



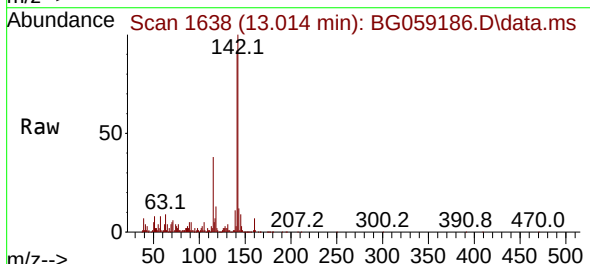
Tgt Ion:142 Resp: 259410
Ion Ratio Lower Upper
142 100
141 92.8 70.6 106.0

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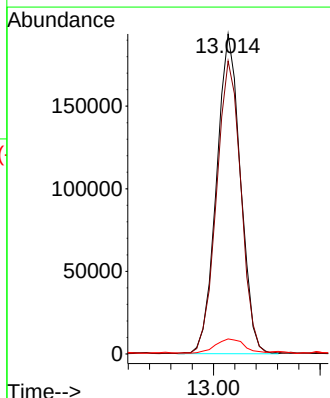
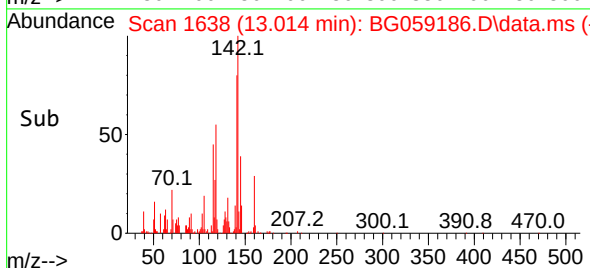
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023

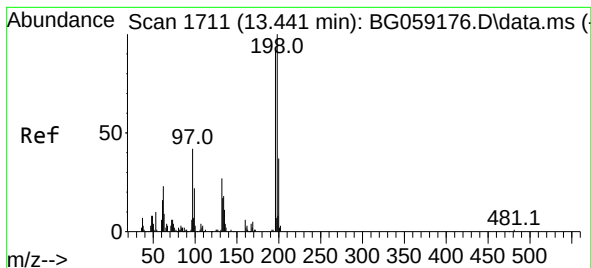


#37
1-Methylnaphthalene
Concen: 31.153 ng/ul
RT: 13.014 min Scan# 1638
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30



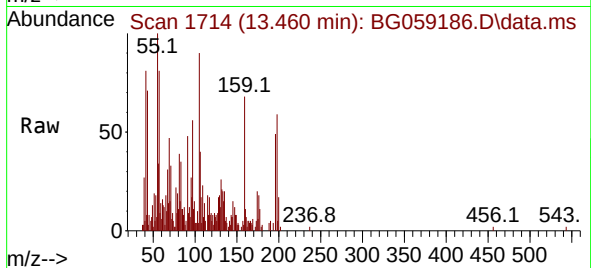
Tgt Ion:142 Resp: 301860
Ion Ratio Lower Upper
142 100
141 91.6 72.0 108.0
116 4.7 2.7 4.1#





#42
2,4,5-Trichlorophenol
Concen: 3.038 ng/ul
RT: 13.460 min Scan# 1714
Delta R.T. 0.019 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

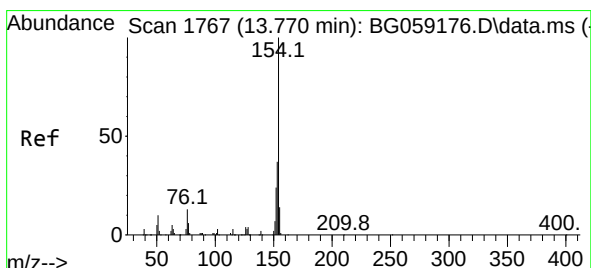
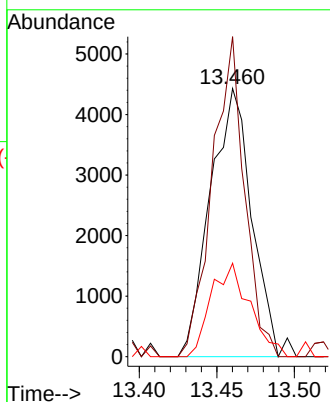
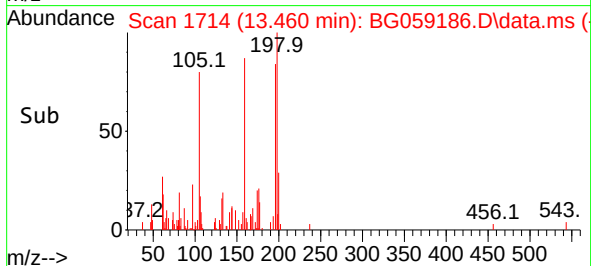
Instrument :
BNA_G
ClientSampleId :
BBHJ4DL



Tgt Ion:196 Resp: 816
Ion Ratio Lower Upper
196 100
198 129.4 81.0 121.6
200 34.8 27.1 40.7

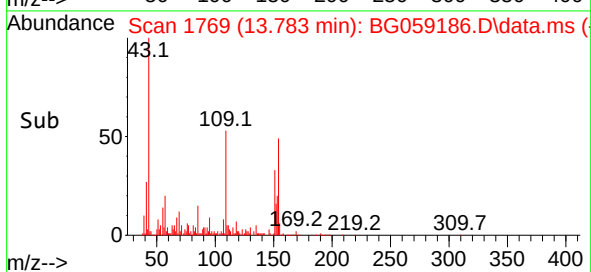
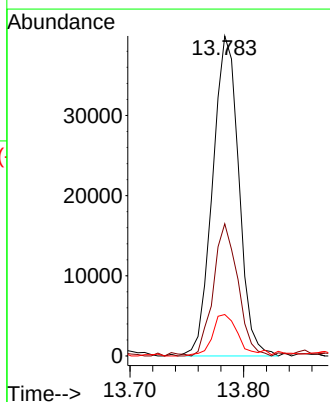
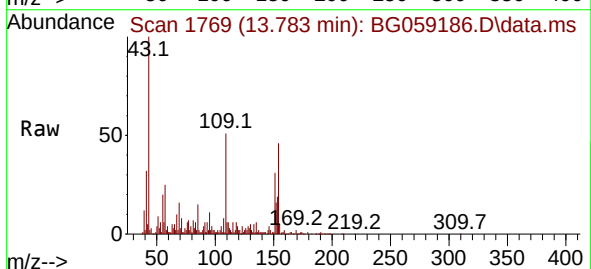
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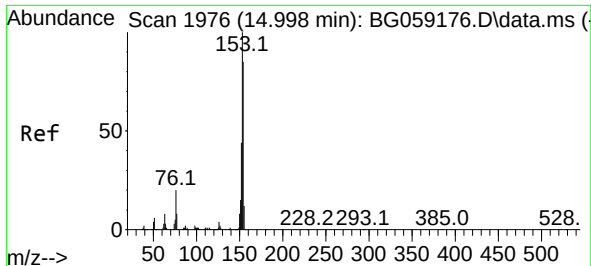
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#43
1,1'-Biphenyl
Concen: 6.171 ng/ul
RT: 13.783 min Scan# 1769
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

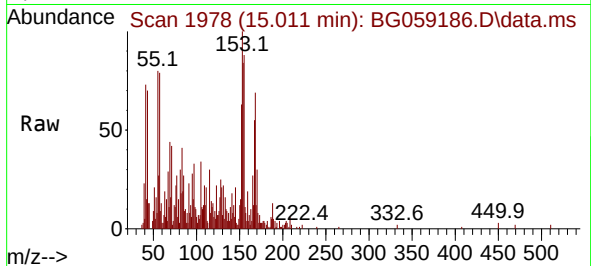
Tgt Ion:154 Resp: 63932
Ion Ratio Lower Upper
154 100
153 41.3 33.2 49.8
76 12.9 9.8 14.8





#52
Acenaphthene
Concen: 2.714 ng/ul
RT: 15.011 min Scan# 1976
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

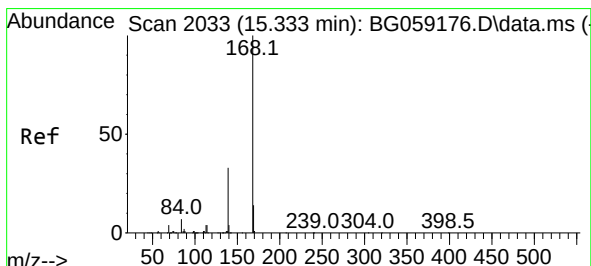
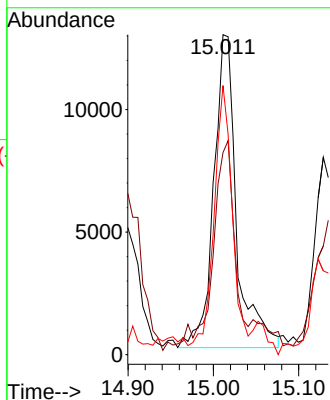
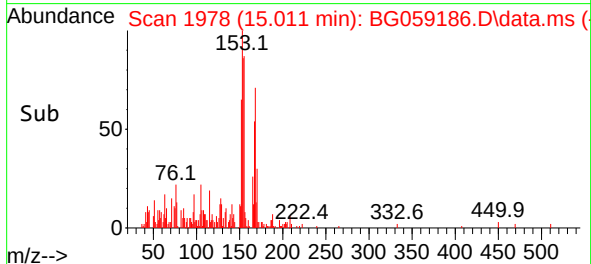
Instrument :
BNA_G
ClientSampleId :
BBHJ4DL



Tgt Ion:153 Resp: 23890
Ion Ratio Lower Upper
153 100
152 63.1 36.0 54.0
154 84.1 71.3 106.9

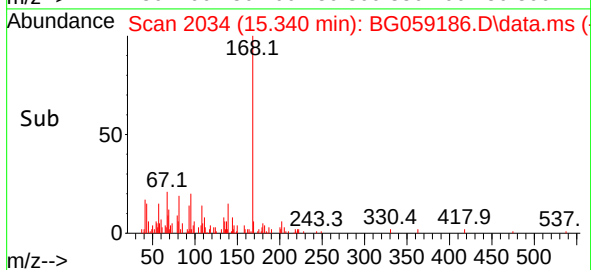
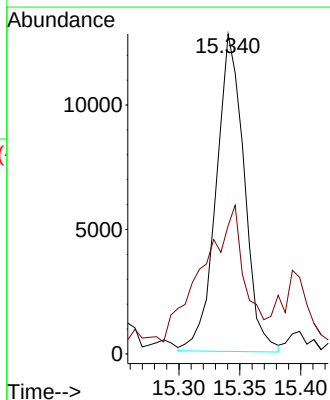
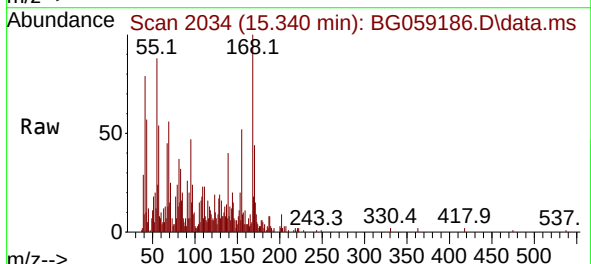
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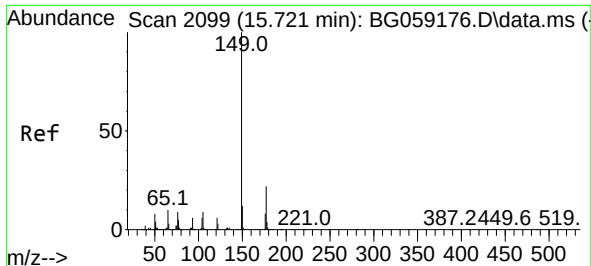
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#56
Dibenzofuran
Concen: 1.742 ng/ul
RT: 15.340 min Scan# 2034
Delta R.T. 0.008 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

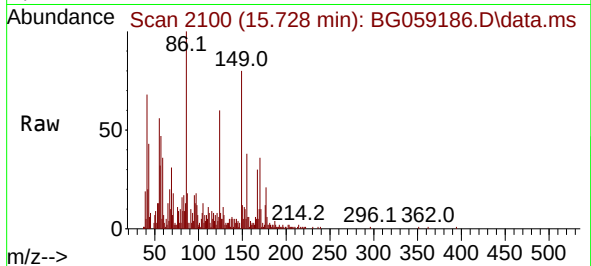
Tgt Ion:168 Resp: 20341
Ion Ratio Lower Upper
168 100
139 40.1 26.3 39.5





#59
Diethylphthalate
Concen: 2.929 ng/ul
RT: 15.728 min Scan# 2100
Delta R.T. 0.008 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

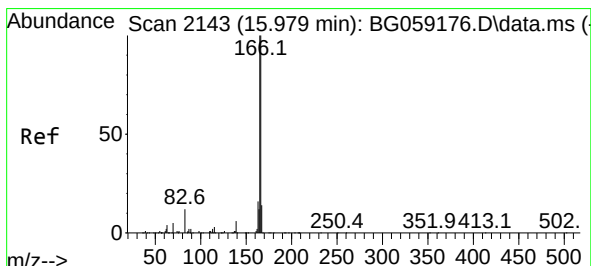
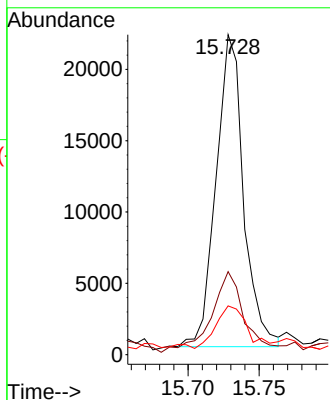
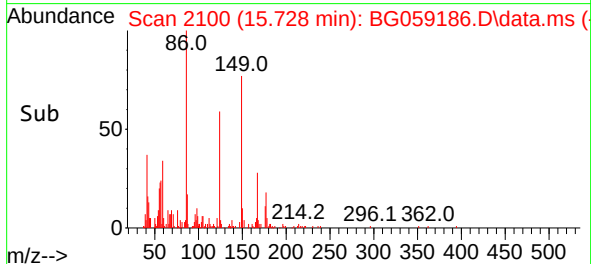
Instrument :
BNA_G
ClientSampleId :
BBHJ4DL



Tgt Ion:149 Resp: 2942
Ion Ratio Lower Upper
149 100
177 25.9 19.4 29.2
150 15.3 9.8 14.8

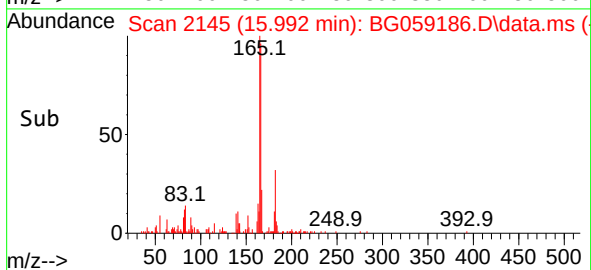
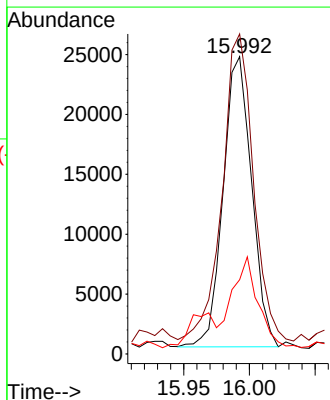
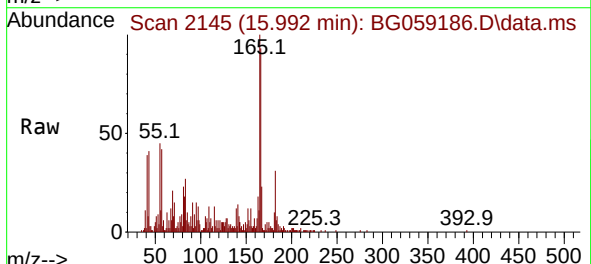
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APPROVED

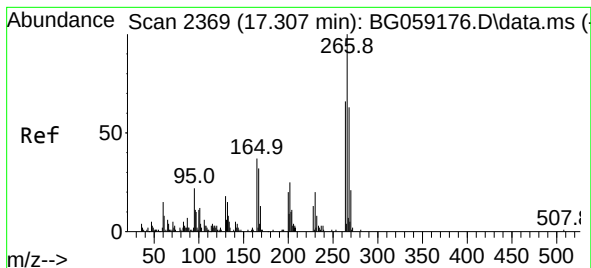
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#61
Fluorene
Concen: 3.671 ng/ul
RT: 15.992 min Scan# 2145
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

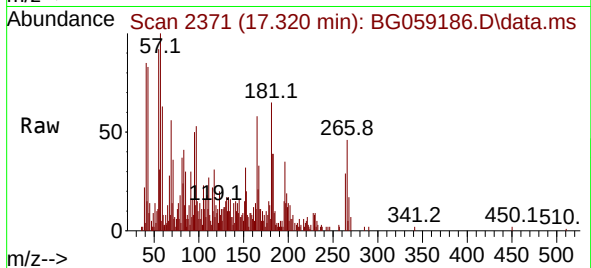
Tgt Ion:166 Resp: 36607
Ion Ratio Lower Upper
166 100
165 107.6 81.6 122.4
167 25.0 12.1 18.1





#71
Pentachlorophenol
Concen: 3.421 ng/uI
RT: 17.320 min Scan# 21
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

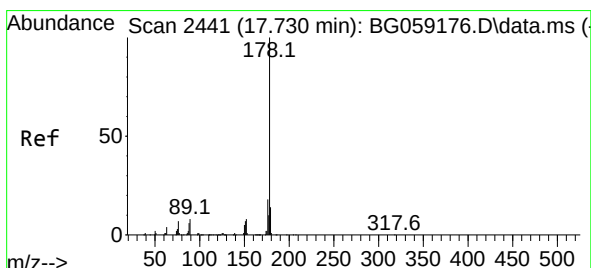
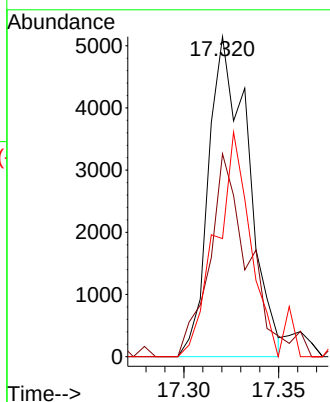
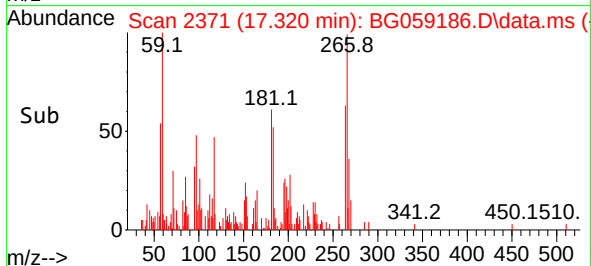
Instrument :
BNA_G
ClientSampleId :
BBHJ4DL



Tgt Ion:266 Resp: 7470
Ion Ratio Lower Upper
266 100
264 63.4 50.6 76.0
268 36.9 56.4 84.6

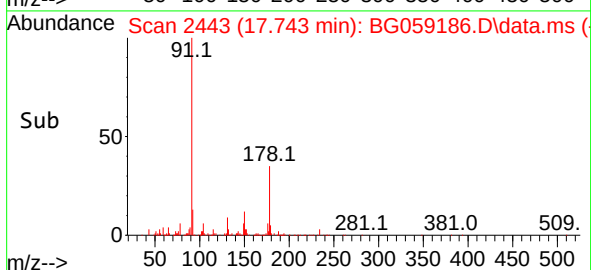
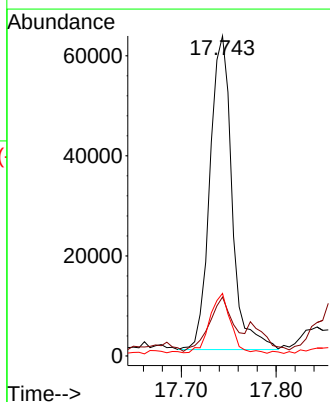
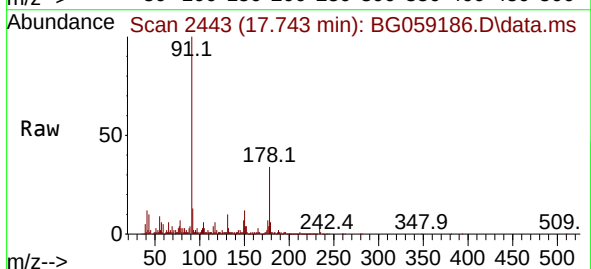
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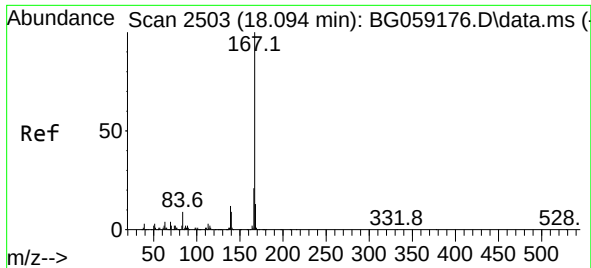
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/26/2023



#72
Phenanthrene
Concen: 6.018 ng/uI
RT: 17.743 min Scan# 2443
Delta R.T. 0.013 min
Lab File: BG059186.D
Acq: 25 Sep 2023 16:30

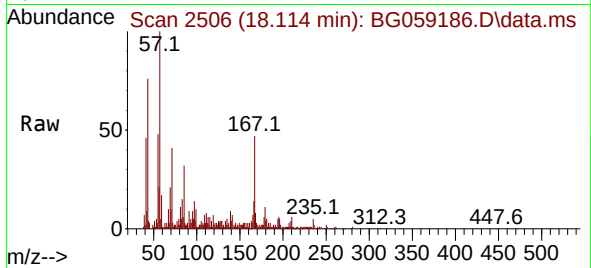
Tgt Ion:178 Resp: 101668
Ion Ratio Lower Upper
178 100
179 18.4 11.8 17.8#
176 19.6 14.6 21.8





#77
 Carbazole
 Concen: 2.445 ng/ul
 RT: 18.114 min Scan# 2506
 Delta R.T. 0.019 min
 Lab File: BG059186.D
 Acq: 25 Sep 2023 16:30

Instrument :
 BNA_G
 ClientSampleId :
 BBHJ4DL



Tgt Ion:167 Resp: 35094
 Ion Ratio Lower Upper
 167 100
 166 30.1 16.7 25.1
 139 18.6 9.4 14.0

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

