

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
 Data File : BG059167.D
 Acq On : 22 Sep 2023 17:19
 Operator : MA/JU
 Sample : 04429-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBBLO

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2023
 Supervised By :mohammad ahmed 09/23/2023

Quant Time: Sep 23 04:40:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 04:25:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	27653	20.000	ng/ul	# 0.01
20) Naphthalene-d8	11.156	136	148013	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.940	164	92842	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.690	188	191783	20.000	ng/ul	0.01
79) Chrysene-d12	22.008	240	147066	20.000	ng/ul	0.01
88) Perylene-d12	25.575	264	170537	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.618	96	4587	6.493	ng/uL	0.00
4) Pyridine-d5	4.053	84	36471	17.597	ng/ul	0.00
7) Phenol-d5	7.431	99	26366	9.697	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.631	67	52350	31.373	ng/ul	0.01
11) 2-Chlorophenol-d4	7.831	132	56778	28.296	ng/ul	0.02
15) 4-Methylphenol-d8	9.000	113	49458	22.839	ng/ul	0.02
21) Nitrobenzene-d5	9.505	128	33392	29.236	ng/ul	0.01
24) 2-Nitrophenol-d4	10.228	143	36202	31.377	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.757	165	89938	41.059	ng/ul	0.02
31) 4-Chloroaniline-d4	11.297	131	80960	23.681	ng/ul	0.01
46) Dimethylphthalate-d6	14.335	166	287673	40.289	ng/ul	0.01
49) Acenaphthylene-d8	14.640	160	333982	38.415	ng/ul	0.01
54) 4-Nitrophenol-d4	15.163	143	9544m	7.326	ng/ul	0.07
60) Fluorene-d10	15.927	176	266727	40.810	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.033	200	26689	24.478	ng/ul	0.01
73) Anthracene-d10	17.790	188	380644	43.621	ng/ul	0.01
81) Pyrene-d10	20.057	212	429607	49.978	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.328	264	350856	42.134	ng/ul	0.04
Target Compounds						
					Qvalue	
16) Acetophenone	9.158	105	6413	1.924	ng/ul#	87
18) 4-Methylphenol	9.070	108	2532	1.139	ng/ul	89
26) 2,4-Dimethylphenol	10.287	107	12491m	5.181	ng/ul	
29) 2,4-Dichlorophenol	10.786	162	39079	17.649	ng/ul	95
30) Naphthalene	11.209	128	399406	50.428	ng/ul	98
36) 2-Methylnaphthalene	12.784	142	199122	37.643	ng/ul	100
37) 1-Methylnaphthalene	13.001	142	124420	23.284	ng/ul	100
42) 2,4,5-Trichlorophenol	13.442	196	49596	25.797	ng/ul	89
43) 1,1'-Biphenyl	13.777	154	57448	7.752	ng/ul	95
52) Acenaphthene	14.999	153	7378	1.172	ng/ul	88
56) Dibenzofuran	15.328	168	8587	1.028	ng/ul	97
59) Diethylphthalate	15.721	149	54102	7.529	ng/ul	98
61) Fluorene	15.986	166	8769	1.229	ng/ul#	91
67) N-Nitrosodiphenylamine	16.180	169	11734	2.298	ng/ul	93
72) Phenanthrene	17.731	178	20020	1.865	ng/ul#	88
78) Di-n-butylphthalate	18.600	149	161341	14.365	ng/ul	99
83) Butylbenzylphthalate	20.945	149	67567	16.741	ng/ul	87
86) Bis(2-ethylhexyl)phtha...	21.820	149	63103	10.450	ng/ul	99

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

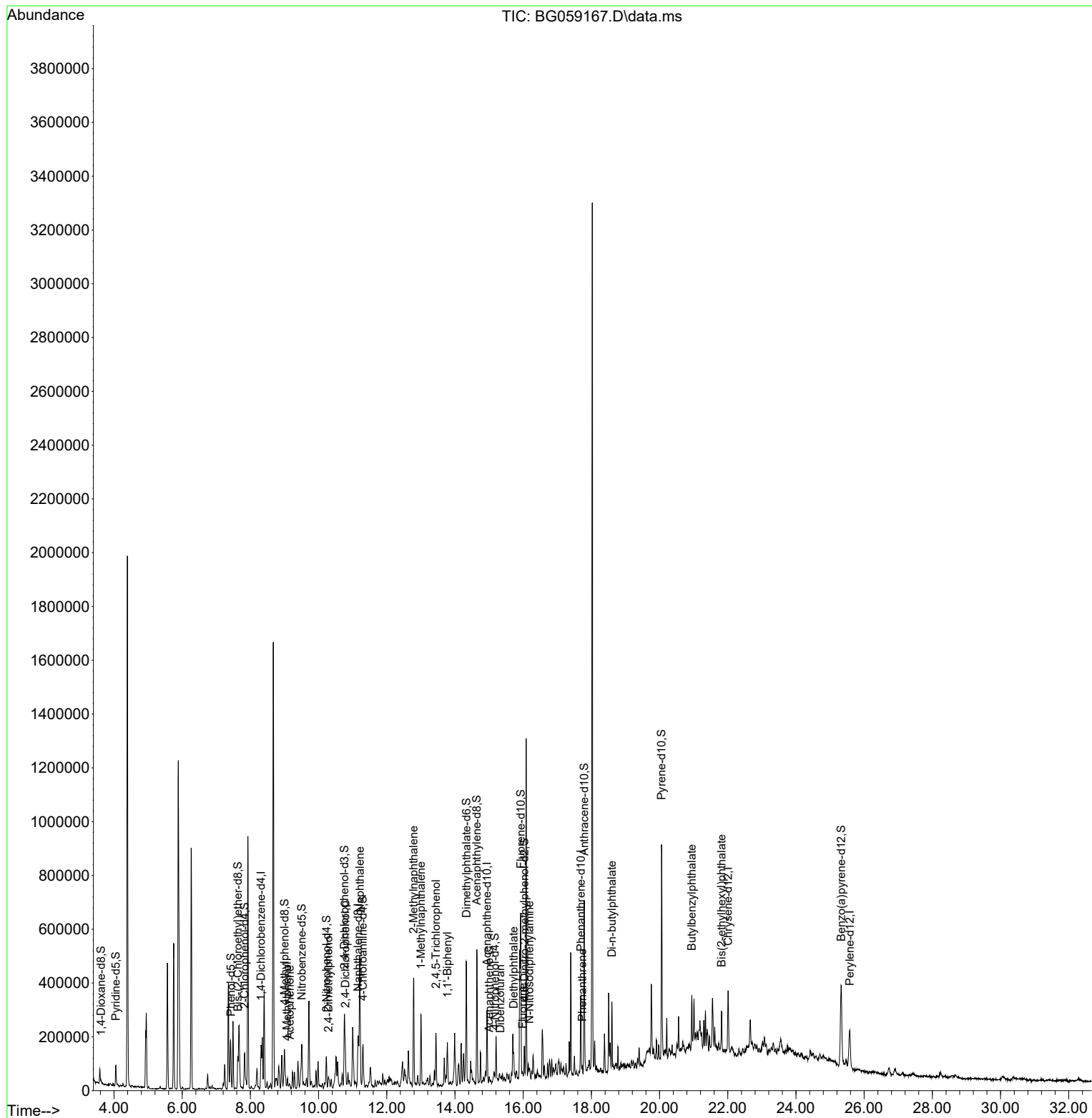
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
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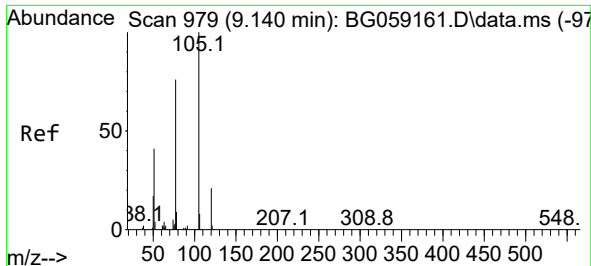
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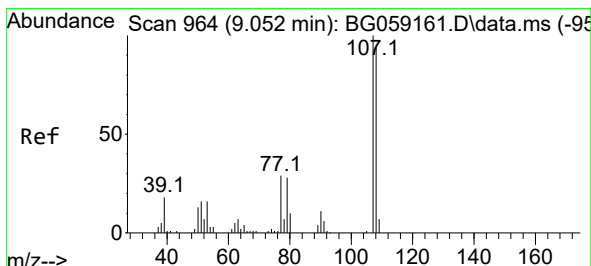
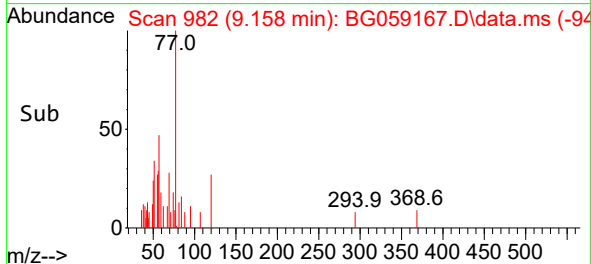
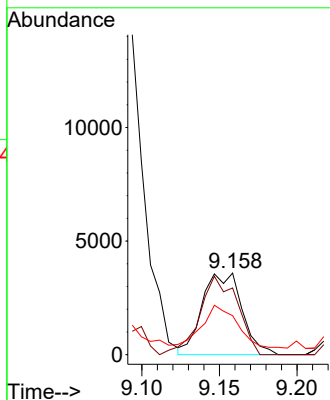
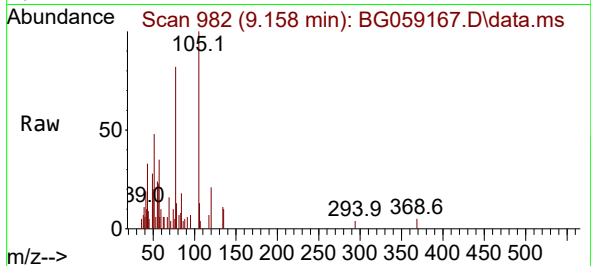
#16
Acetophenone
Concen: 1.924 ng/ul
RT: 9.158 min Scan# 982
Delta R.T. 0.018 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

Instrument :
BNA_G
ClientSampleId :
BBBL0

Tgt Ion:105 Resp: 641
Ion Ratio Lower Upper
105 100
77 81.7 57.2 85.8
51 47.9 31.6 47.4

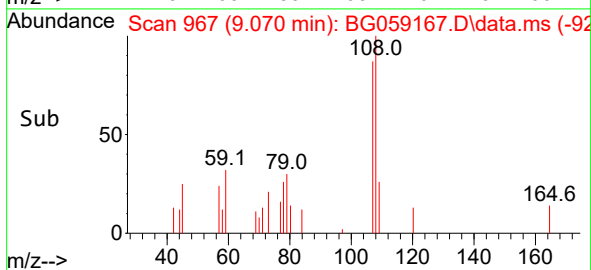
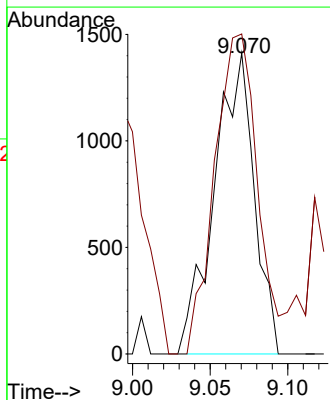
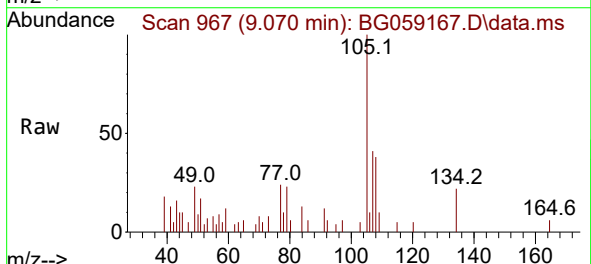
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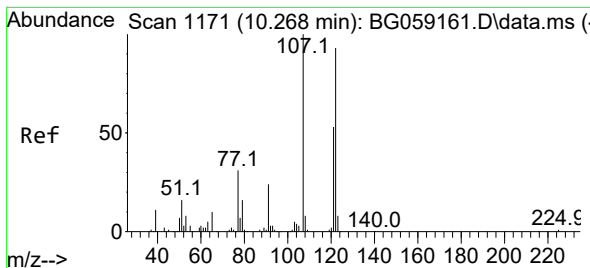
Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023



#18
4-Methylphenol
Concen: 1.139 ng/ul
RT: 9.070 min Scan# 967
Delta R.T. 0.024 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

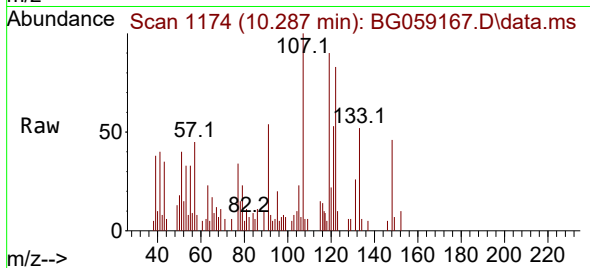
Tgt Ion:108 Resp: 2532
Ion Ratio Lower Upper
108 100
107 106.4 94.4 141.6





#26
2,4-Dimethylphenol
Concen: 5.181 ng/ul m
RT: 10.287 min Scan# 1171
Delta R.T. 0.018 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

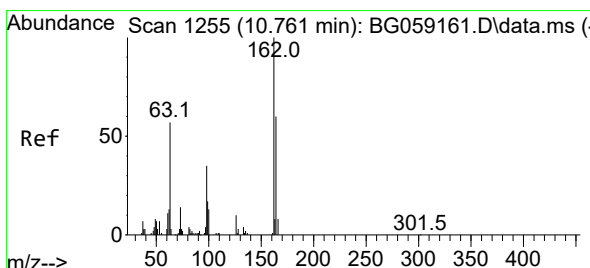
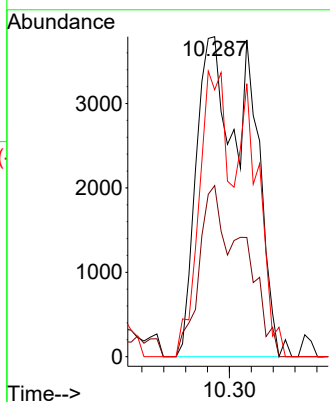
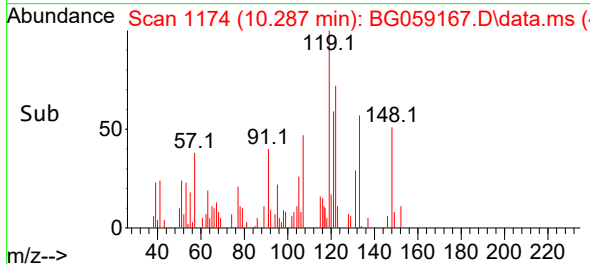
Instrument :
BNA_G
ClientSampleId :
BBBL0



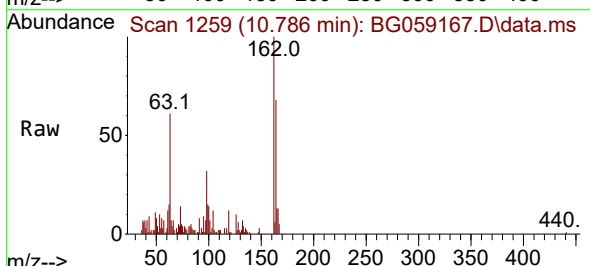
Tgt Ion:107 Resp: 1249
Ion Ratio Lower Upper
107 100
121 53.5 41.4 62.0
122 83.4 80.6 120.8

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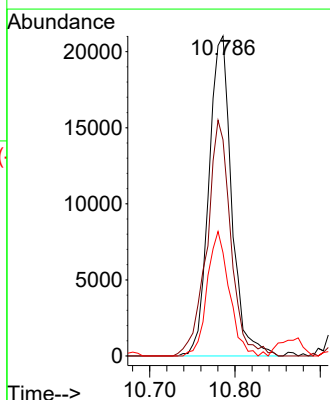
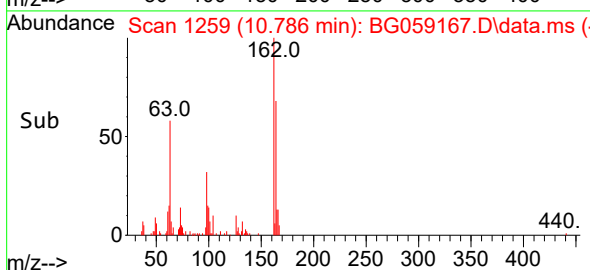
Reviewed By :Yogesh Patel 09/23/2023
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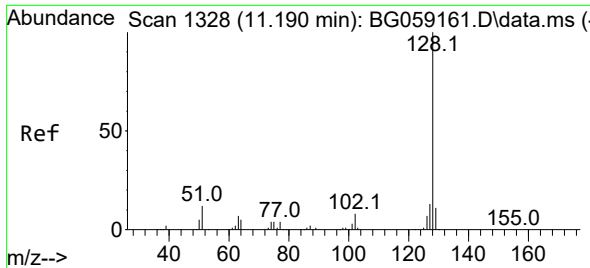


#29
2,4-Dichlorophenol
Concen: 17.649 ng/ul
RT: 10.786 min Scan# 1259
Delta R.T. 0.018 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19



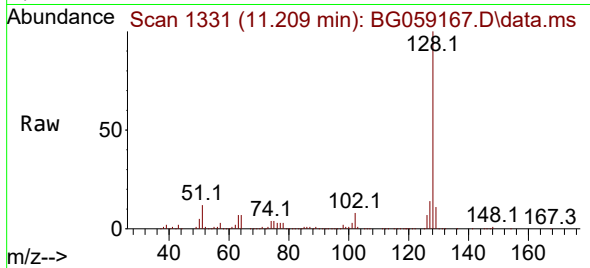
Tgt Ion:162 Resp: 39079
Ion Ratio Lower Upper
162 100
164 67.5 49.8 74.8
98 32.3 25.9 38.9





#30
Naphthalene
Concen: 50.428 ng/ul
RT: 11.209 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

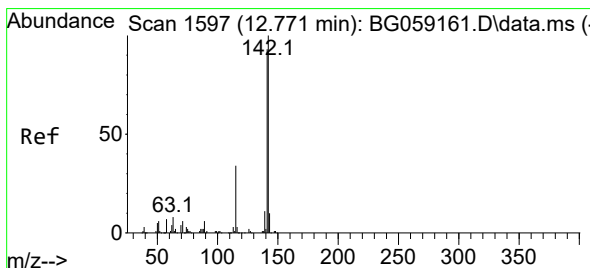
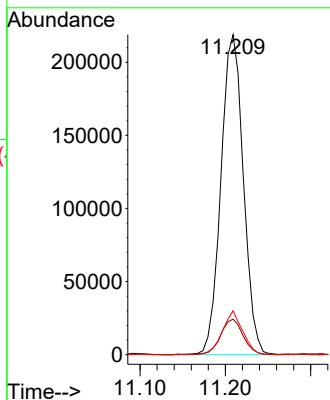
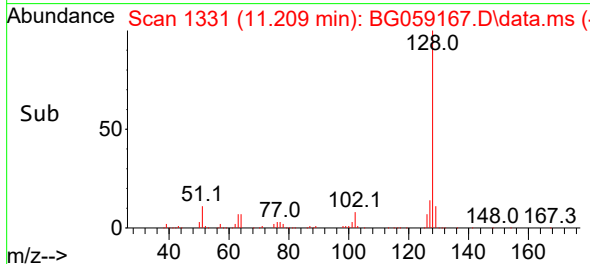
Instrument :
BNA_G
ClientSampleId :
BBBL0



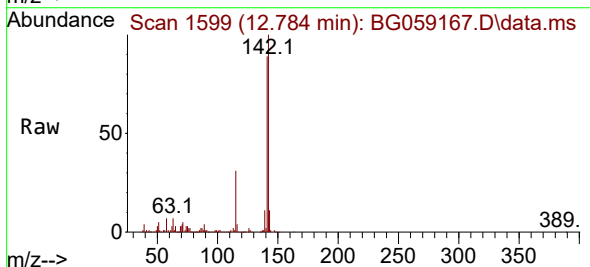
Tgt Ion:128 Resp: 399400
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.7 10.2 15.4

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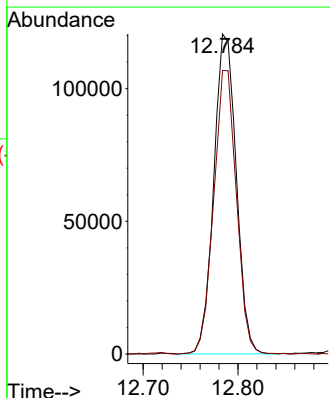
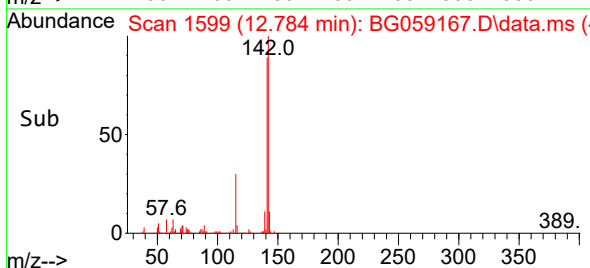
Reviewed By :Yogesh Patel 09/23/2023
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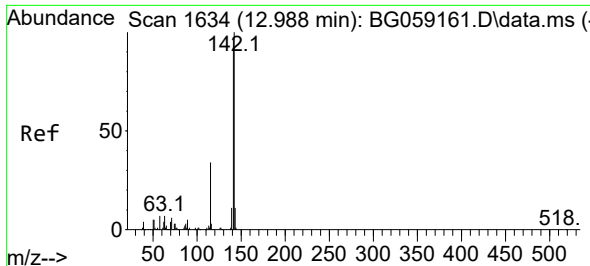


#36
2-Methylnaphthalene
Concen: 37.643 ng/ul
RT: 12.784 min Scan# 1599
Delta R.T. 0.007 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19



Tgt Ion:142 Resp: 199122
Ion Ratio Lower Upper
142 100
141 88.6 70.6 106.0





#37

1-Methylnaphthalene

Concen: 23.284 ng/ul

RT: 13.001 min Scan# 1

Delta R.T. 0.012 min

Lab File: BG059167.D

Acq: 22 Sep 2023 17:19

Instrument :

BNA_G

ClientSampleId :

BBBL0

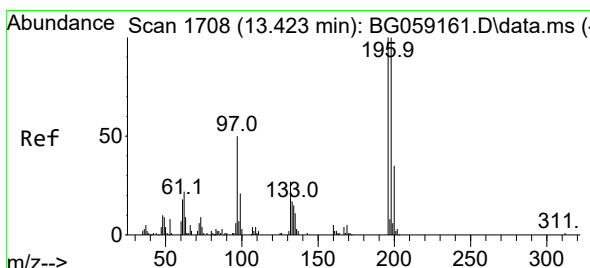
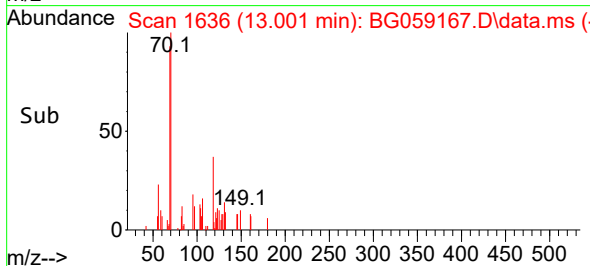
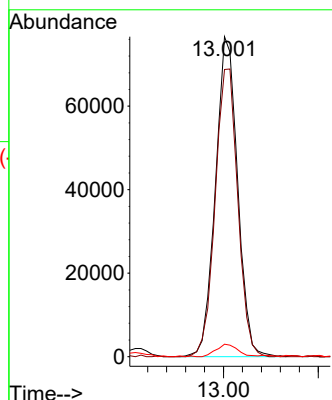
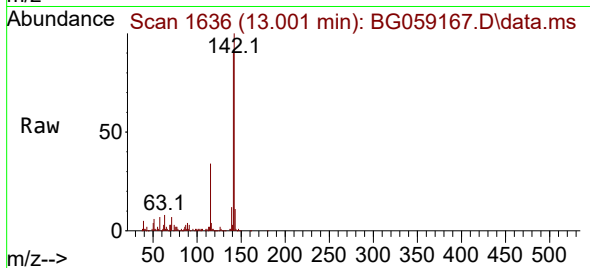
Tgt Ion:	142	Resp:	124420
Ion Ratio	Lower	Upper	
142	100		
141	89.8	72.0	108.0
116	3.9	2.7	4.1

Manual Integrations

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#42

2,4,5-Trichlorophenol

Concen: 25.797 ng/ul

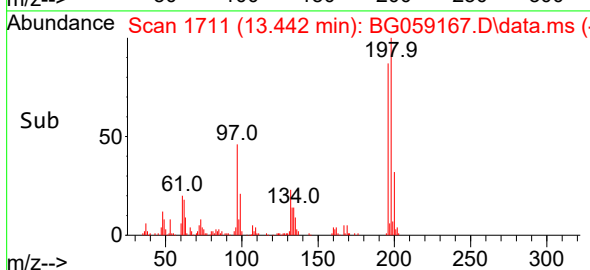
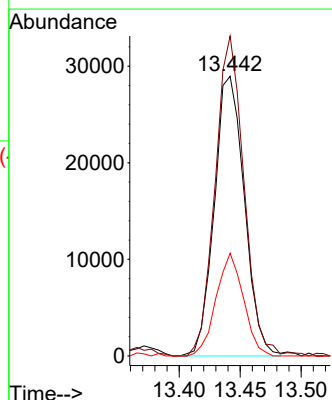
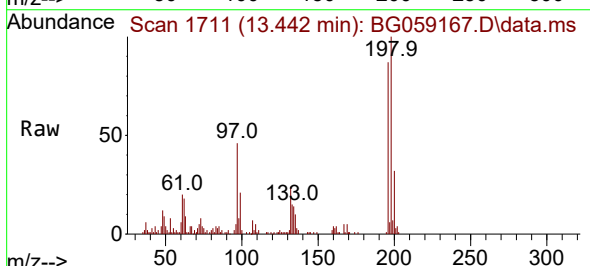
RT: 13.442 min Scan# 1711

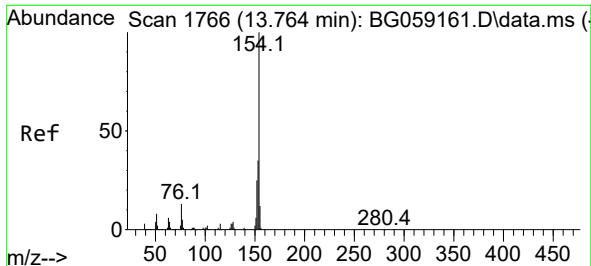
Delta R.T. 0.018 min

Lab File: BG059167.D

Acq: 22 Sep 2023 17:19

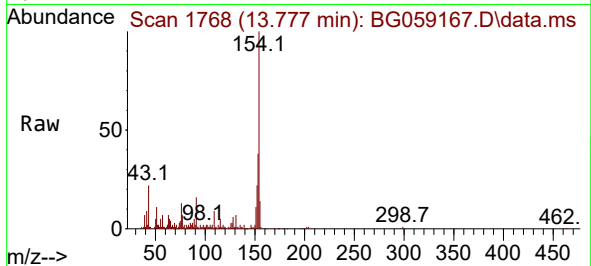
Tgt Ion:	196	Resp:	49596
Ion Ratio	Lower	Upper	
196	100		
198	114.4	81.0	121.6
200	36.8	27.1	40.7





#43
1,1'-Biphenyl
Concen: 7.752 ng/ul
RT: 13.777 min Scan# 1767
Delta R.T. 0.012 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

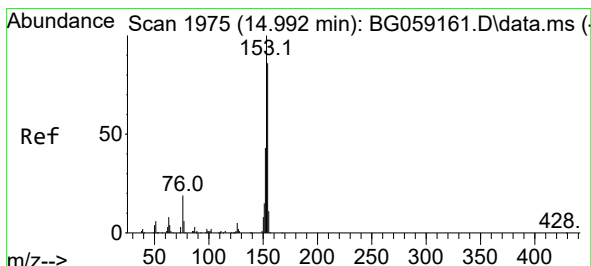
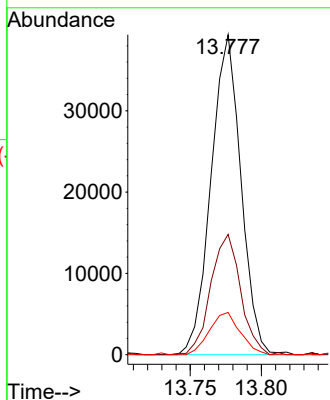
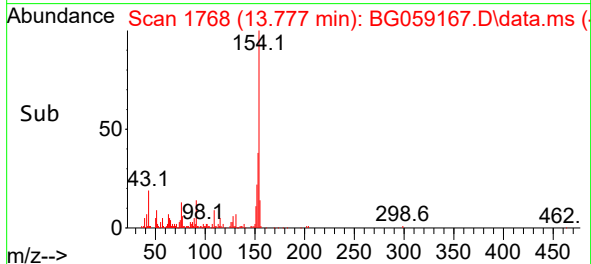
Instrument :
BNA_G
ClientSampleId :
BBBL0



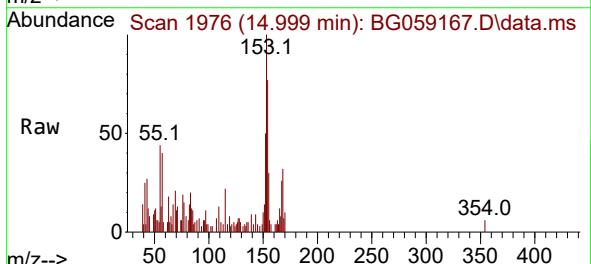
Tgt Ion:154 Resp: 57448
Ion Ratio Lower Upper
154 100
153 37.6 33.2 49.8
76 13.2 9.8 14.8

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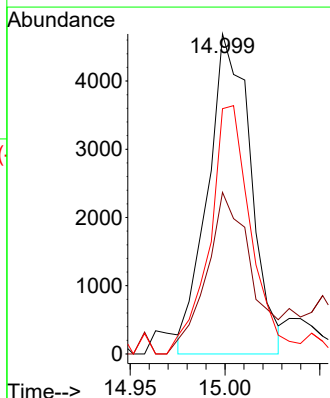
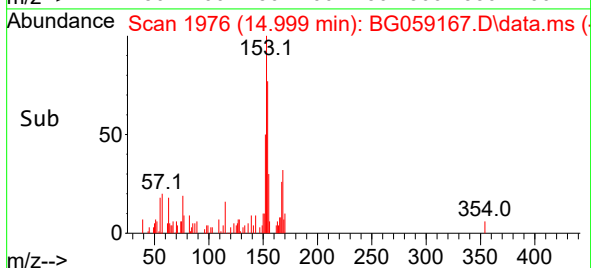
Reviewed By :Yogesh Patel 09/23/2023
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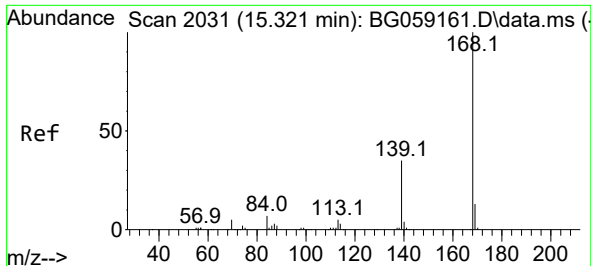


#52
Acenaphthene
Concen: 1.172 ng/ul
RT: 14.999 min Scan# 1976
Delta R.T. 0.006 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19



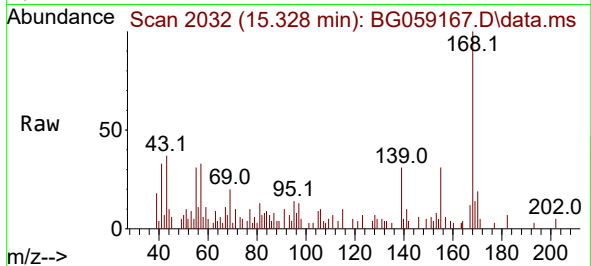
Tgt Ion:153 Resp: 7378
Ion Ratio Lower Upper
153 100
152 50.5 36.0 54.0
154 76.7 71.3 106.9





#56
Dibenzofuran
Concen: 1.028 ng/ul
RT: 15.328 min Scan# 2031
Delta R.T. 0.001 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

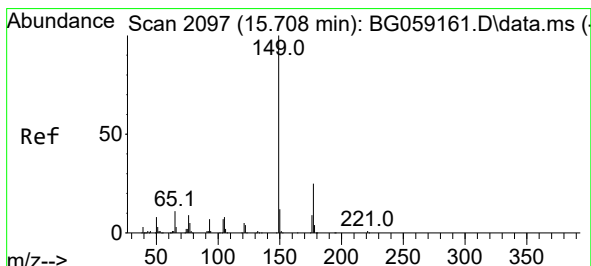
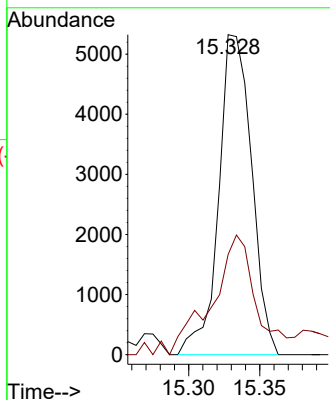
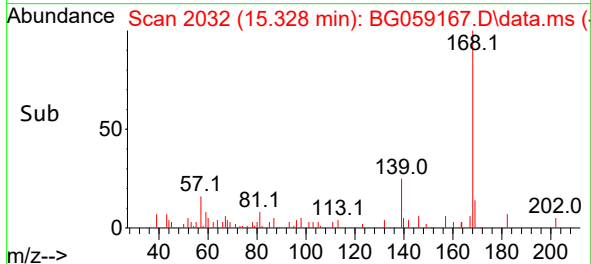
Instrument :
BNA_G
ClientSampleId :
BBBL0



Tgt Ion:168 Resp: 858
Ion Ratio Lower Upper
168 100
139 31.3 26.3 39.5

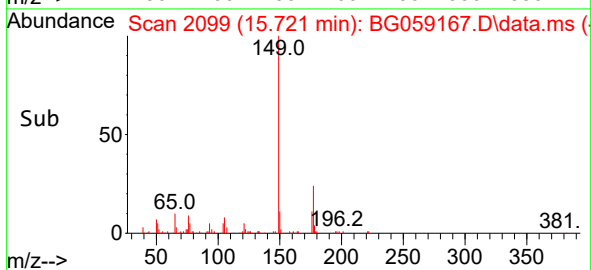
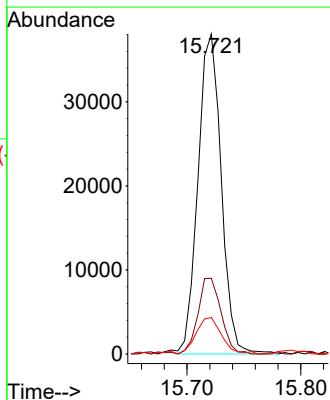
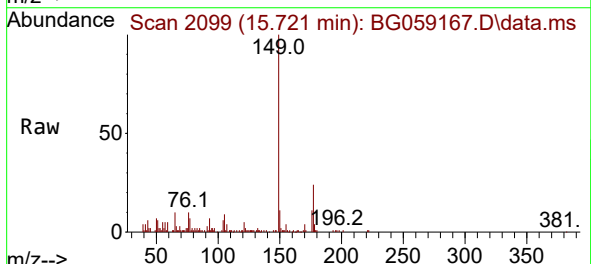
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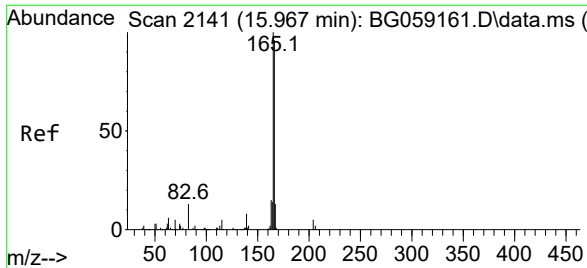
Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023



#59
Diethylphthalate
Concen: 7.529 ng/ul
RT: 15.721 min Scan# 2099
Delta R.T. 0.007 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

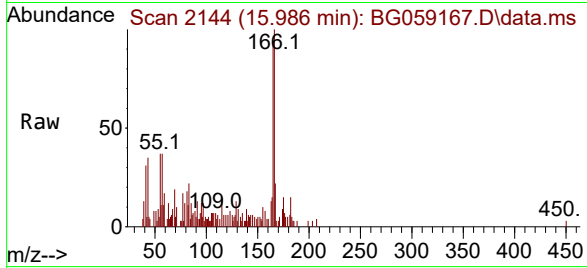
Tgt Ion:149 Resp: 54102
Ion Ratio Lower Upper
149 100
177 23.6 19.4 29.2
150 11.4 9.8 14.8





#61
Fluorene
Concen: 1.229 ng/ul
RT: 15.986 min Scan# 2141
Delta R.T. 0.012 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

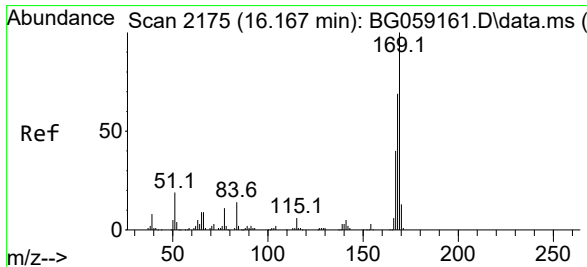
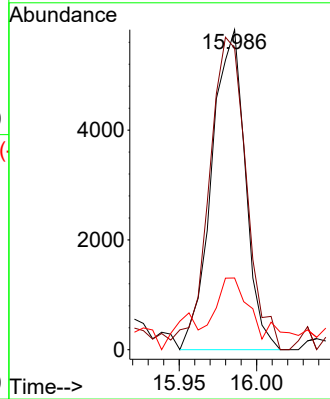
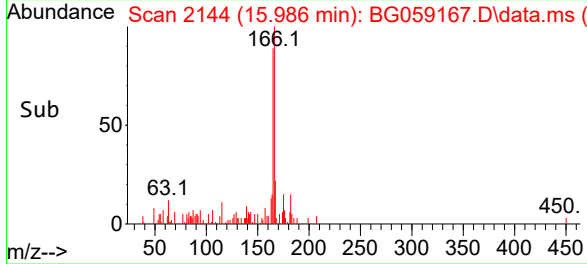
Instrument :
BNA_G
ClientSampleId :
BBBL0



Tgt Ion:166 Resp: 8769
Ion Ratio Lower Upper
166 100
165 94.3 81.6 122.4
167 22.4 12.1 18.1

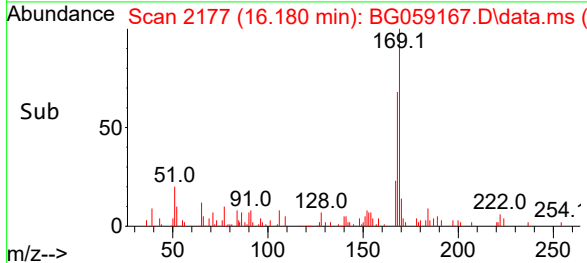
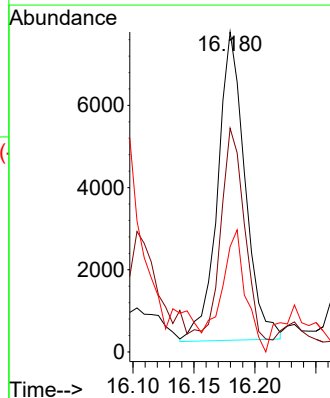
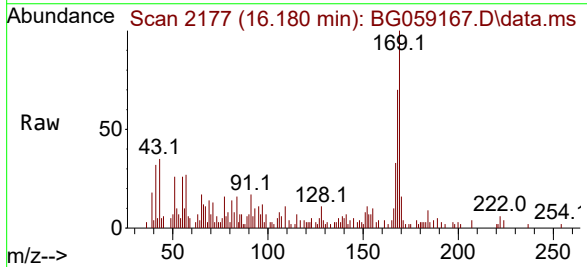
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APPROVED

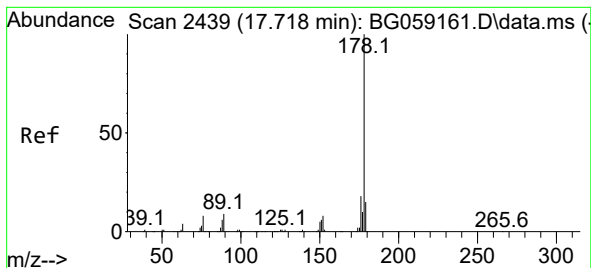
Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023



#67
N-Nitrosodiphenylamine
Concen: 2.298 ng/ul
RT: 16.180 min Scan# 2177
Delta R.T. 0.007 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

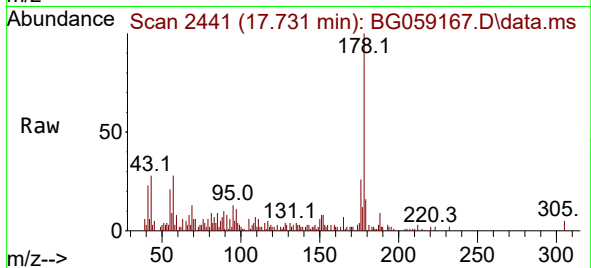
Tgt Ion:169 Resp: 11734
Ion Ratio Lower Upper
169 100
168 69.9 52.1 78.1
167 33.0 30.5 45.7





#72
Phenanthrene
Concen: 1.865 ng/ul
RT: 17.731 min Scan# 2439
Delta R.T. 0.012 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

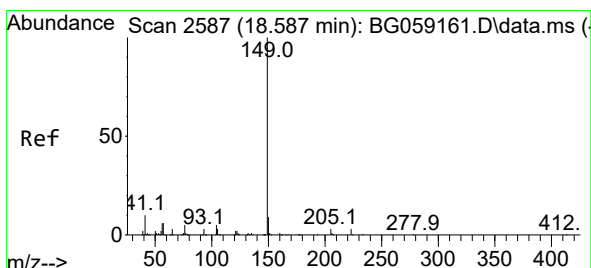
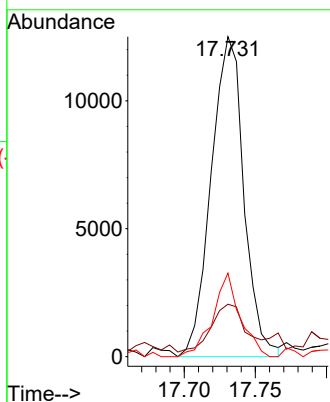
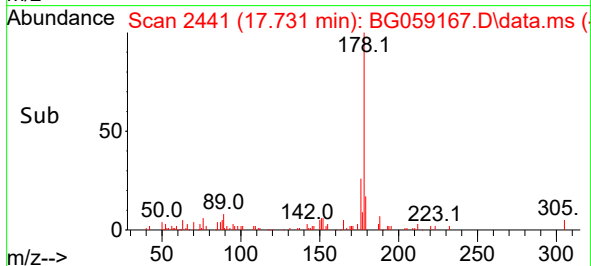
Instrument :
BNA_G
ClientSampleId :
BBBL0



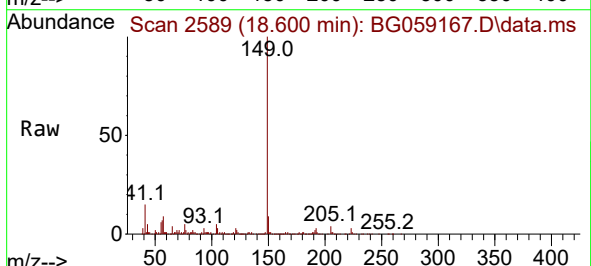
Tgt Ion:178 Resp: 20020
Ion Ratio Lower Upper
178 100
179 16.4 11.8 17.8
176 26.1 14.6 21.8

Manual Integrations
APPROVED

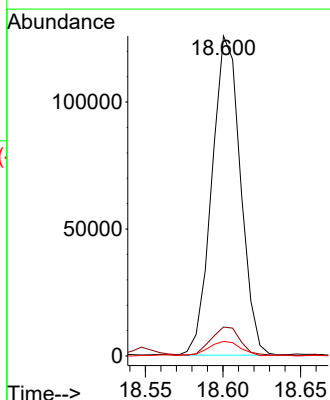
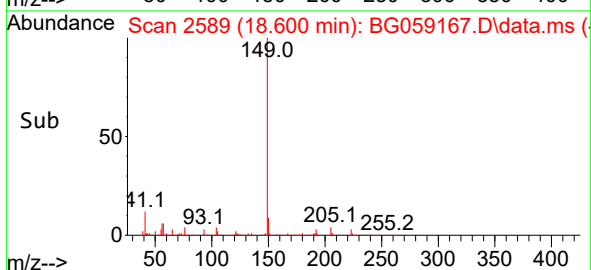
Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023

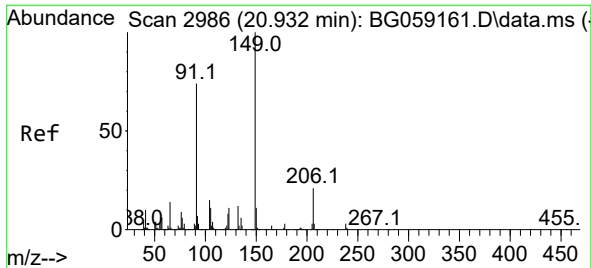


#78
Di-n-butylphthalate
Concen: 14.365 ng/ul
RT: 18.600 min Scan# 2589
Delta R.T. 0.007 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19



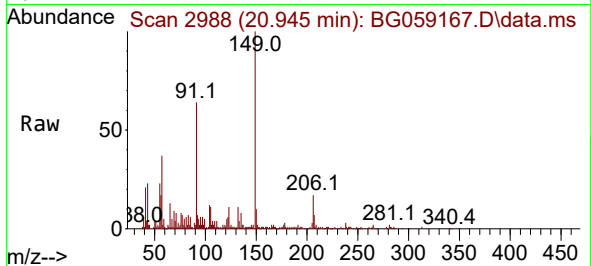
Tgt Ion:149 Resp: 161341
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.6 3.5 5.3





#83
Butylbenzylphthalate
Concen: 16.741 ng/ul
RT: 20.945 min Scan# 2986
Delta R.T. 0.007 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19

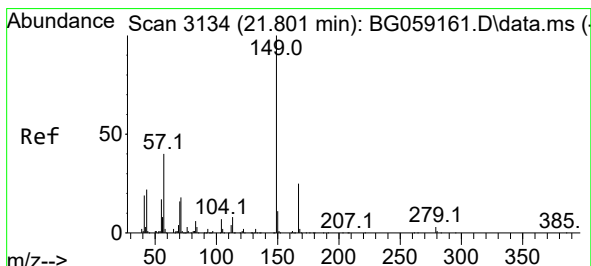
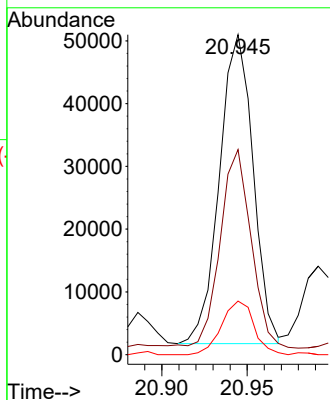
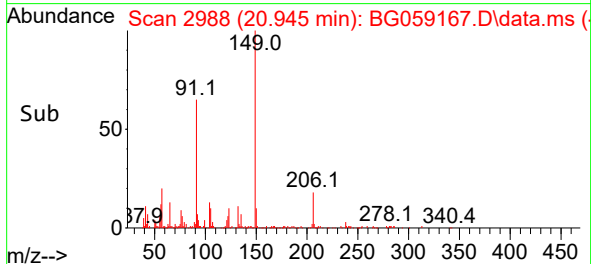
Instrument :
BNA_G
ClientSampleId :
BBBL0



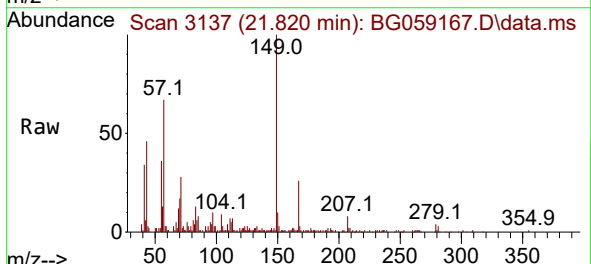
Tgt Ion:149 Resp: 6756
Ion Ratio Lower Upper
149 100
91 64.1 61.2 91.8
206 16.8 15.8 23.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/23/2023
Supervised By :mohammad ahmed 09/23/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 10.450 ng/ul
RT: 21.820 min Scan# 3137
Delta R.T. 0.007 min
Lab File: BG059167.D
Acq: 22 Sep 2023 17:19



Tgt Ion:149 Resp: 63103
Ion Ratio Lower Upper
149 100
167 26.1 20.2 30.4
279 3.9 3.2 4.8

