

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051351.D
 Acq On : 6 Dec 2021 15:30
 Operator : CG/JU
 Sample : M4942-03DL 25X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :mohammad ahmed 12/07/2021

Quant Time: Dec 06 16:04:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	28119	20.000	ng/ul	0.00
20) Naphthalene-d8	11.026	136	120473	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.827	164	82542	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.583	188	172317	20.000	ng/ul	0.00
79) Chrysene-d12	21.883	240	162905	20.000	ng/ul	0.00
88) Perylene-d12	25.291	264	166474	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	3.993	84	1025	0.432	ng/ul	0.01
7) Phenol-d5	7.359	99	2694	0.969	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	2066	1.184	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	1484	0.742	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	2053	0.915	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	1687	1.659	ng/ul	0.00
24) 2-Nitrophenol-d4	10.097	143	738	0.643	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.650	165	1646	0.846	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.216	166	5615	0.884	ng/ul	0.00
49) Acenaphthylene-d8	14.521	160	7033	0.878	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.814	176	4686	0.819	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.677	188	8093	0.982	ng/ul	0.00
81) Pyrene-d10	19.956	212	8098	0.822	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.050	264	7536	0.848	ng/ul	0.00
Target Compounds					Qvalue	
8) Phenol	7.383	94	158262	54.971	ng/ul	98
13) 2-Methylphenol	8.640	108	23208	10.822	ng/ul	98
18) 4-Methylphenol	8.975	108	17921	7.815	ng/ul	95
26) 2,4-Dimethylphenol	10.191	107	14940m	6.150	ng/ul	
30) Naphthalene	11.078	128	967691	147.622	ng/ul	98
32) 4-Chloroaniline	11.184	127	6060	2.120	ng/ul	96
36) 2-Methylnaphthalene	12.665	142	310197	69.570	ng/ul	98
37) 1-Methylnaphthalene	12.882	142	143392	31.259	ng/ul	97
43) 1,1'-Biphenyl	13.658	154	51734	8.391	ng/ul	94
52) Acenaphthene	14.892	153	27117	5.197	ng/ul	96
56) Dibenzofuran	15.226	168	46726	6.208	ng/ul	94
59) Diethylphthalate	15.620	149	21354	3.165	ng/ul	99
61) Fluorene	15.873	166	27101	4.495	ng/ul#	93
67) N-Nitrosodiphenylamine	16.073	169	23473	4.758	ng/ul#	74
72) Phenanthrene	17.624	178	57006	5.992	ng/ul#	95
78) Di-n-butylphthalate	18.511	149	200497	18.748	ng/ul	99
83) Butylbenzylphthalate	20.879	149	3483895	707.619	ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	21.748	149	4313022	608.778	ng/ul#	69
89) Di-n-octyl phthalate	22.994	149	862942	71.551	ng/ul	100

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

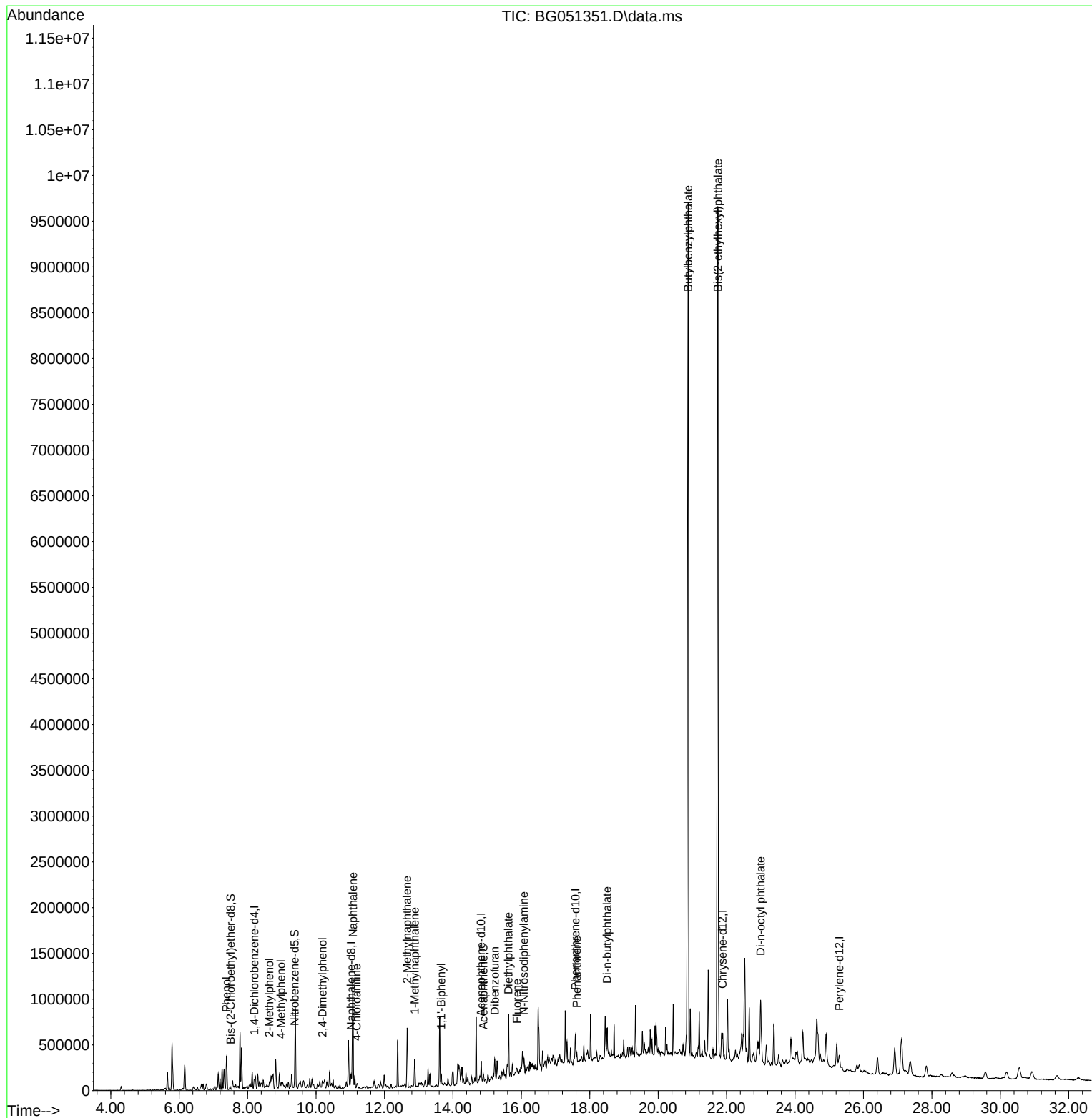
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051351.D
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 Operator : CG/JU
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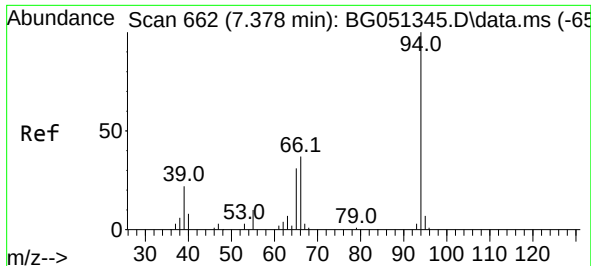
Instrument :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
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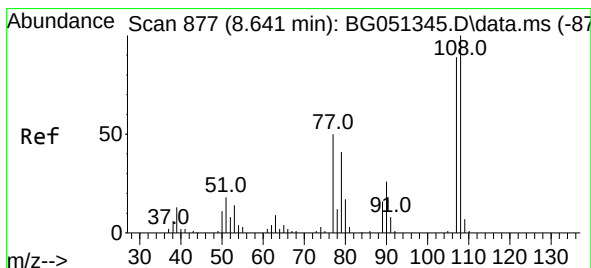
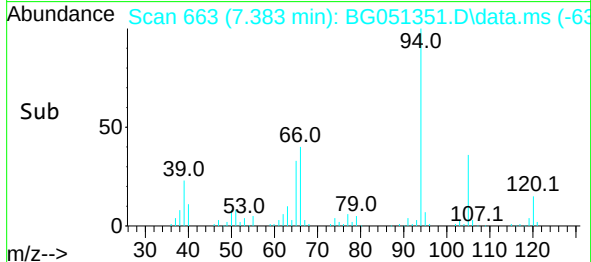
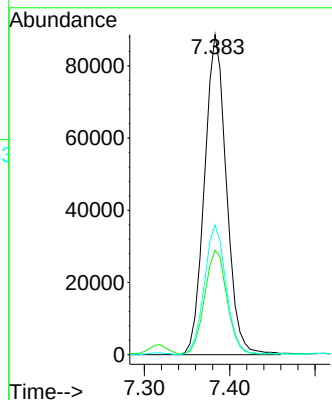
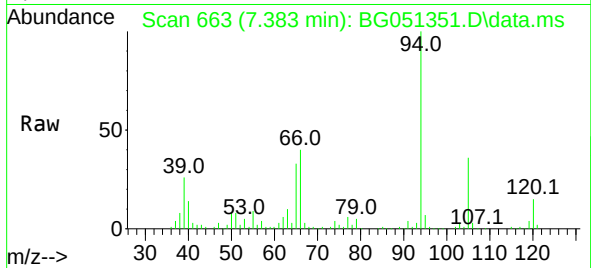
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Phenol
Concen: 54.971 ng/ul
RT: 7.383 min Scan# 662
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

Instrument :
BNA_G
ClientSampleId :
BGKQ1DL

Tgt Ion: 94 Resp: 15826
Ion Ratio Lower Upper
94 100
65 32.7 25.1 37.7
66 40.5 31.6 47.4

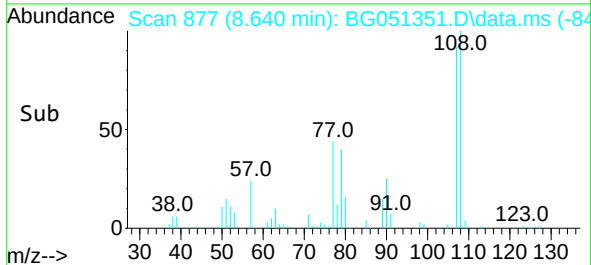
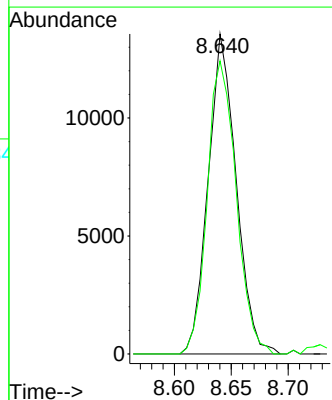
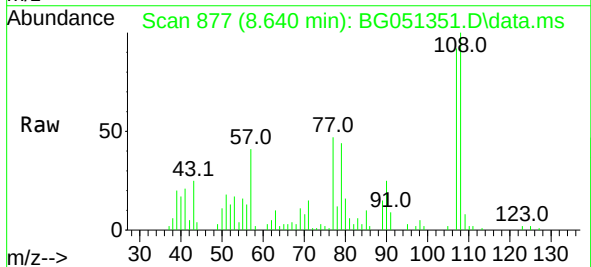
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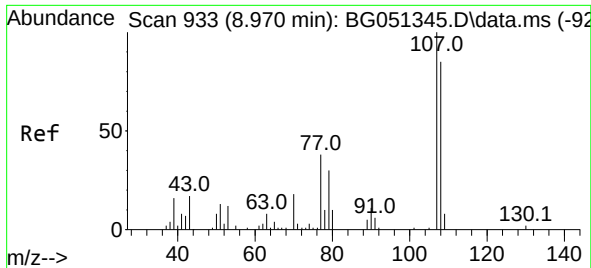
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021



#13
2-Methylphenol
Concen: 10.822 ng/ul
RT: 8.640 min Scan# 877
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

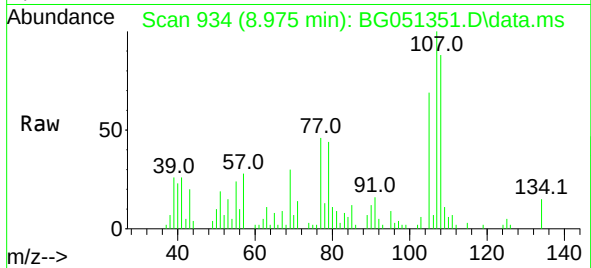
Tgt Ion:108 Resp: 23208
Ion Ratio Lower Upper
108 100
107 91.6 71.8 107.6





#18
4-Methylphenol
Concen: 7.815 ng/ul
RT: 8.975 min Scan# 911
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

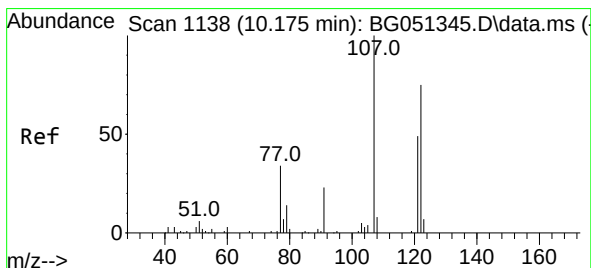
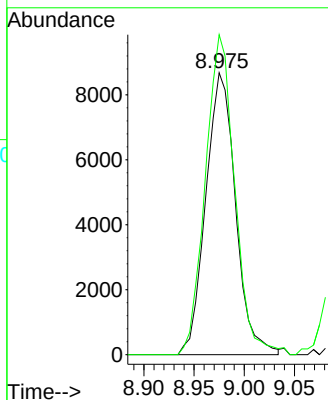
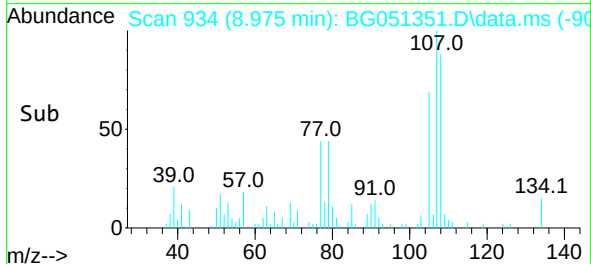
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



Tgt Ion:108 Resp: 1792
Ion Ratio Lower Upper
108 100
107 113.5 95.0 142.4

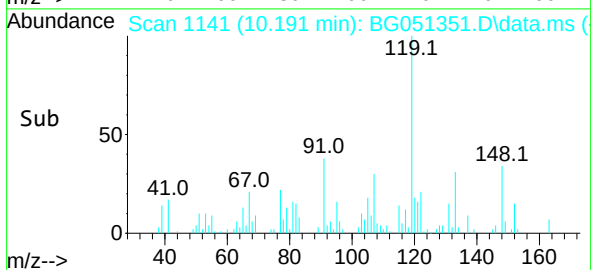
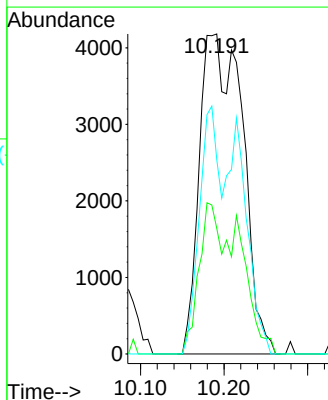
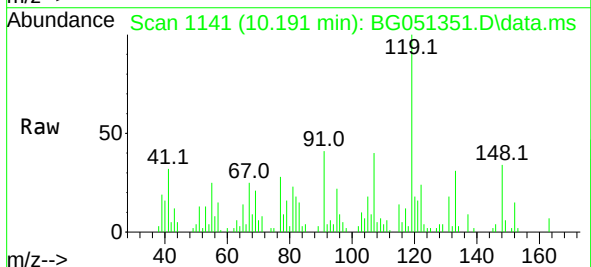
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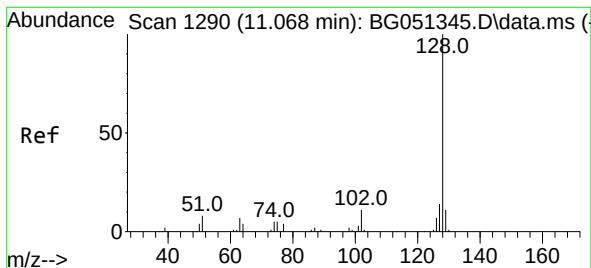
Reviewed By :Jagrut Upadhyay 12/06/2021
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#26
2,4-Dimethylphenol
Concen: 6.150 ng/ul m
RT: 10.191 min Scan# 1141
Delta R.T. 0.008 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

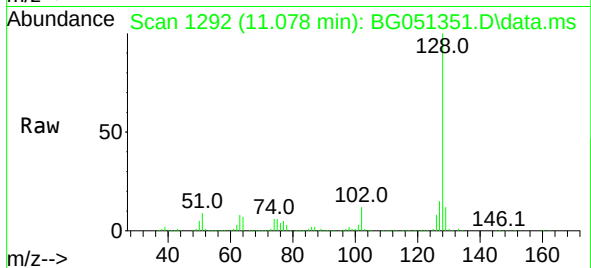
Tgt Ion:107 Resp: 14940
Ion Ratio Lower Upper
107 100
121 39.3 39.3 58.9#
122 60.8 63.7 95.5#





#30
Naphthalene
Concen: 147.622 ng/ul
RT: 11.078 min Scan# 1107
Delta R.T. 0.002 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

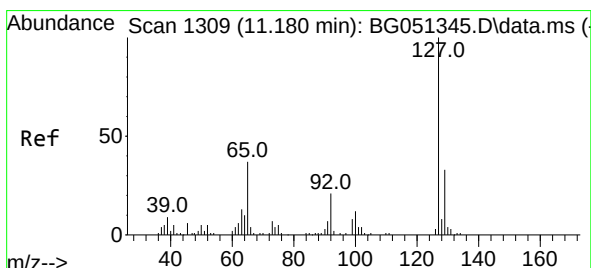
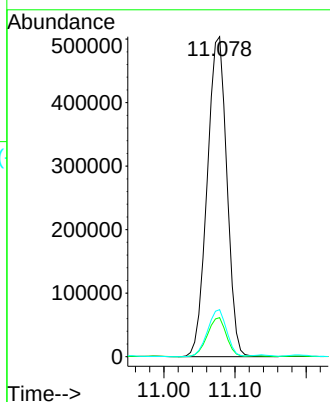
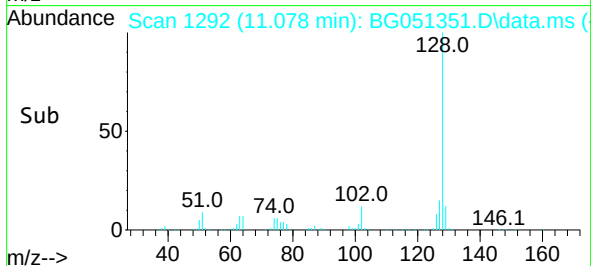
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



Tgt Ion:128 Resp: 96769
Ion Ratio Lower Upper
128 100
129 12.2 8.5 12.7
127 14.7 11.8 17.6

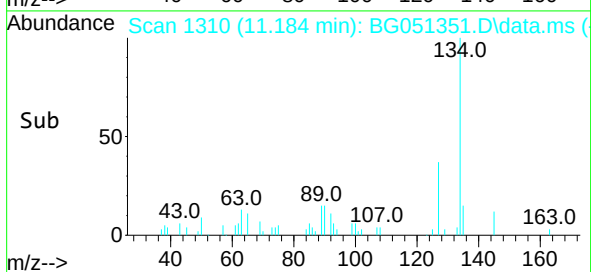
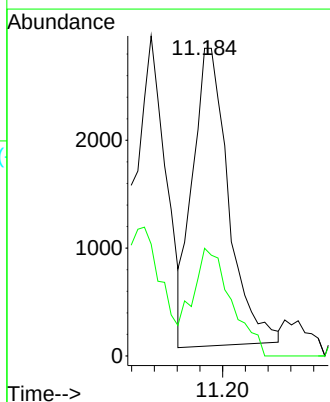
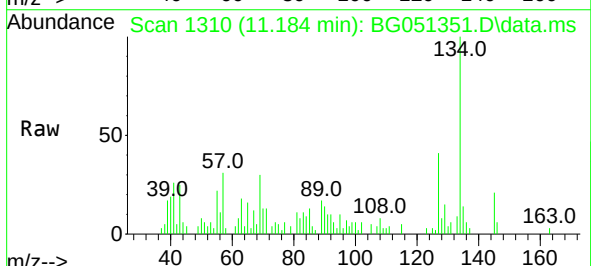
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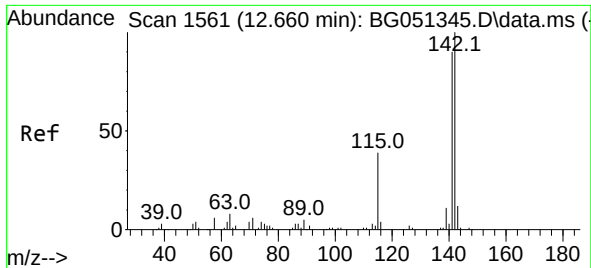
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021



#32
4-Chloroaniline
Concen: 2.120 ng/ul
RT: 11.184 min Scan# 1310
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

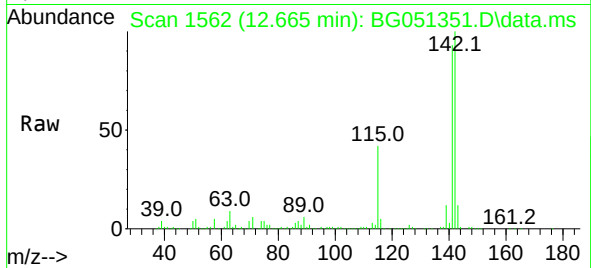
Tgt Ion:127 Resp: 6060
Ion Ratio Lower Upper
127 100
129 35.0 26.2 39.2





#36
2-Methylnaphthalene
Concen: 69.570 ng/ul
RT: 12.665 min Scan# 1561
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

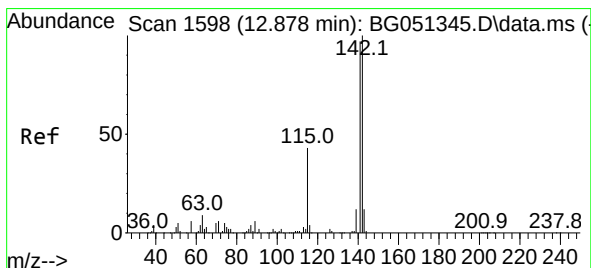
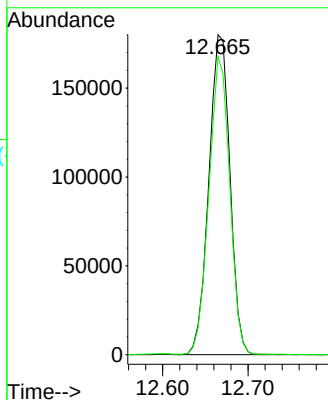
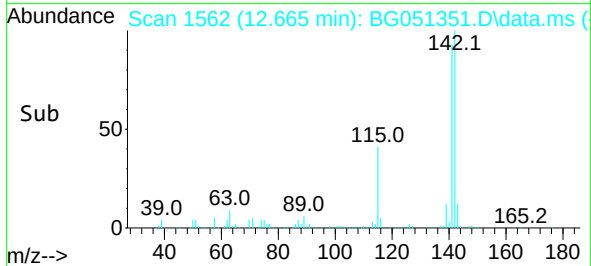
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



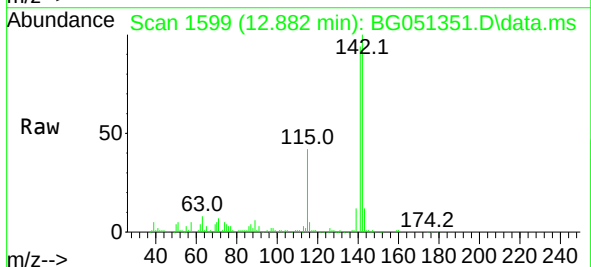
Tgt Ion:142 Resp: 31019
Ion Ratio Lower Upper
142 100
141 93.2 73.3 109.9

Manual Integrations
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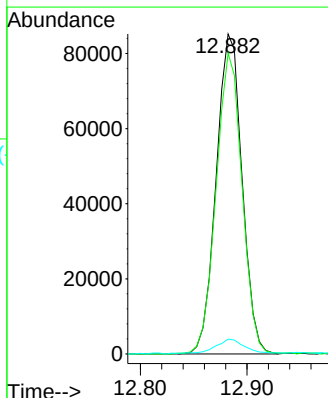
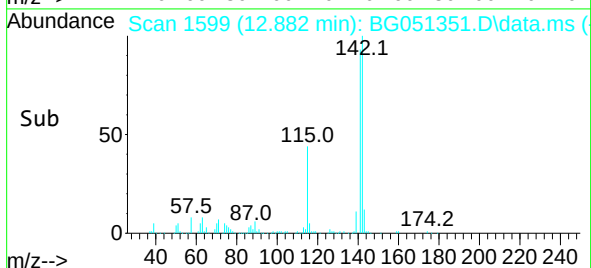
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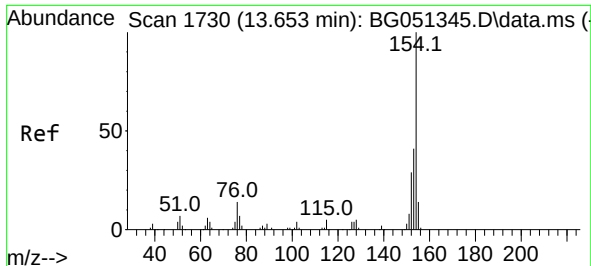


#37
1-Methylnaphthalene
Concen: 31.259 ng/ul
RT: 12.882 min Scan# 1599
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30



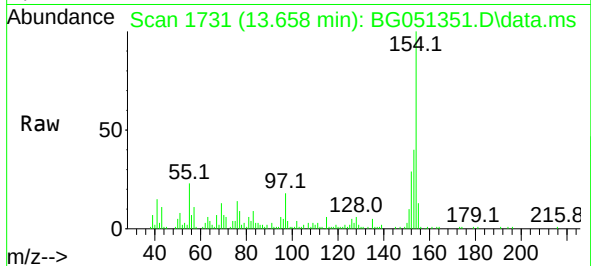
Tgt Ion:142 Resp: 143392
Ion Ratio Lower Upper
142 100
141 94.0 77.8 116.8
116 4.6 3.3 4.9





#43
1,1'-Biphenyl
Concen: 8.391 ng/ul
RT: 13.658 min Scan# 1731
Delta R.T. -0.009 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

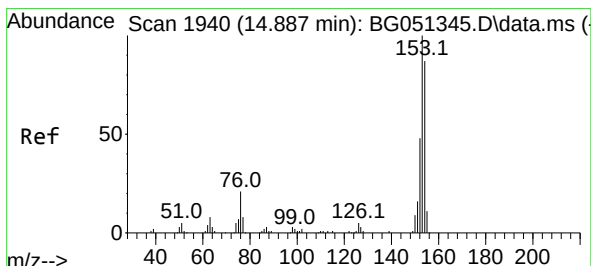
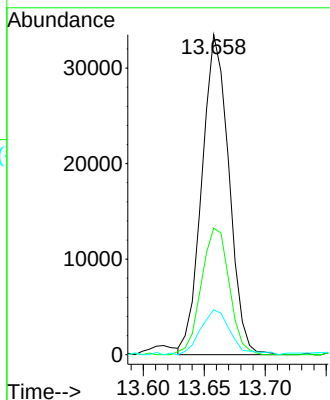
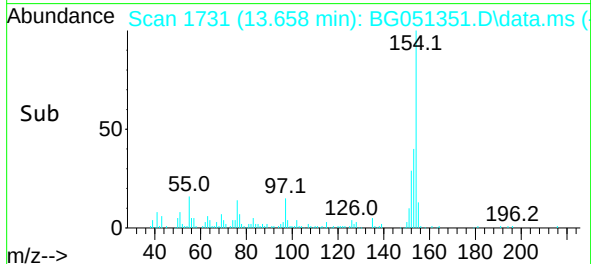
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



Tgt Ion:154 Resp: 51734
Ion Ratio Lower Upper
154 100
153 39.5 34.5 51.7
76 14.1 13.1 19.7

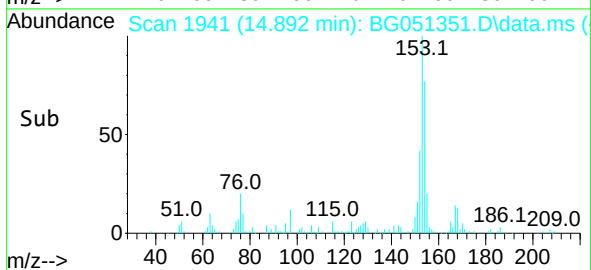
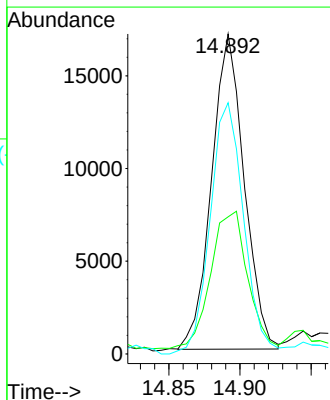
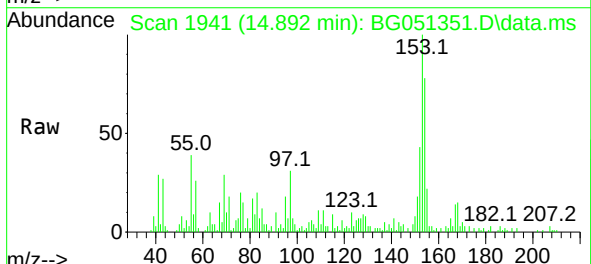
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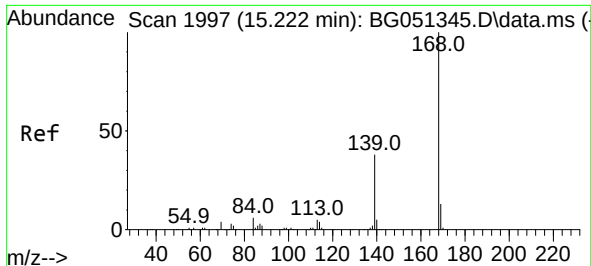
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021



#52
Acenaphthene
Concen: 5.197 ng/ul
RT: 14.892 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

Tgt Ion:153 Resp: 27117
Ion Ratio Lower Upper
153 100
152 42.9 36.5 54.7
154 78.5 65.8 98.6





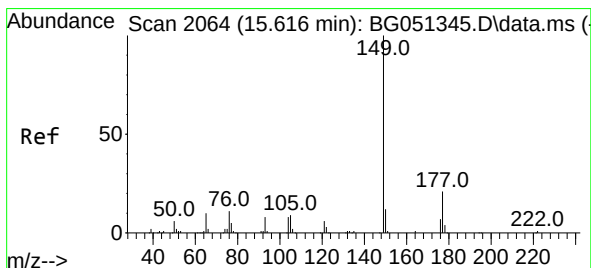
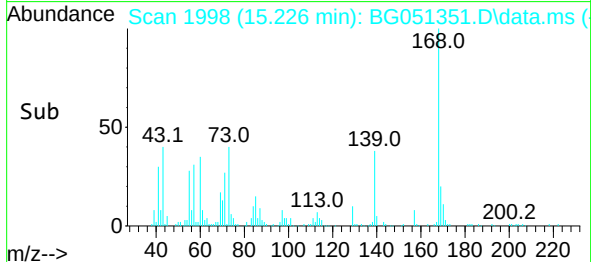
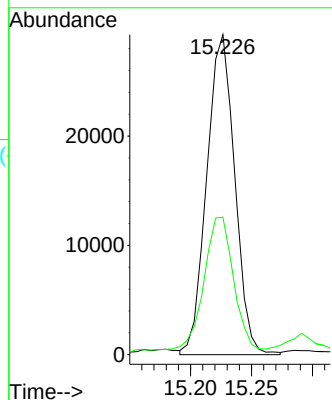
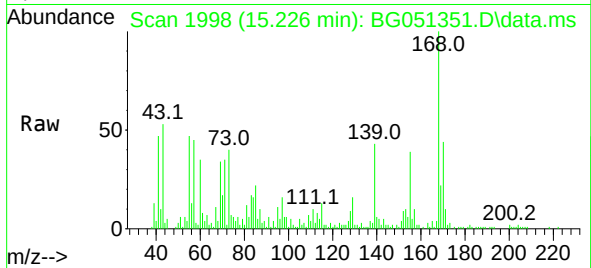
#56
Dibenzofuran
Concen: 6.208 ng/u1
RT: 15.226 min Scan# 1997
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

Instrument :
BNA_G
ClientSampleId :
BGKQ1DL

Tgt Ion:168 Resp: 46720
Ion Ratio Lower Upper
168 100
139 43.0 31.2 46.8

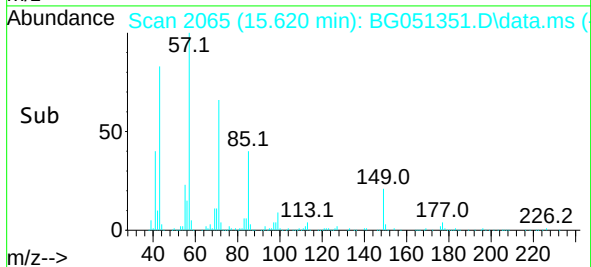
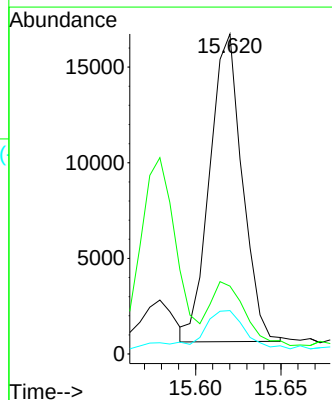
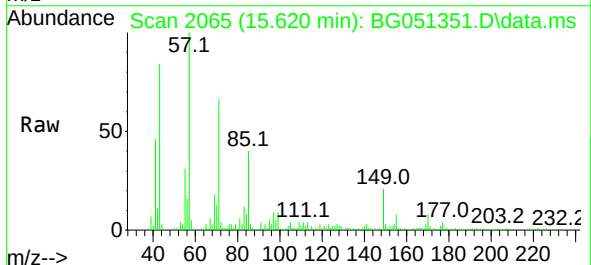
Manual Integrations
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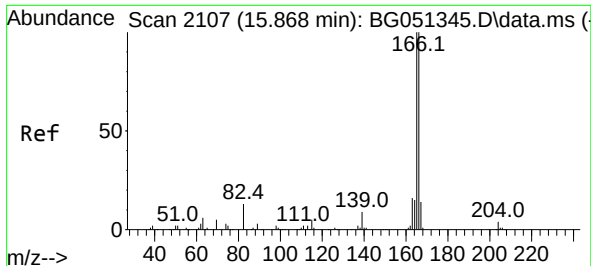
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021



#59
Diethylphthalate
Concen: 3.165 ng/u1
RT: 15.620 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

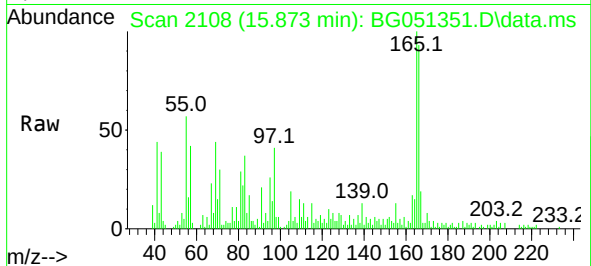
Tgt Ion:149 Resp: 21354
Ion Ratio Lower Upper
149 100
177 21.2 16.8 25.2
150 13.5 10.1 15.1





#61
Fluorene
Concen: 4.495 ng/ul
RT: 15.873 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

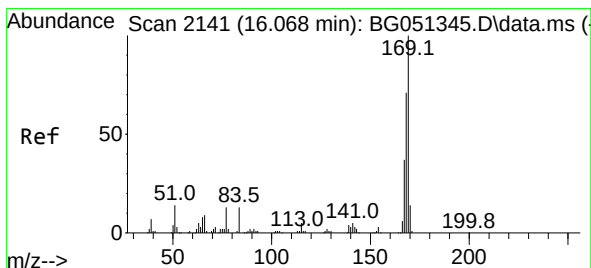
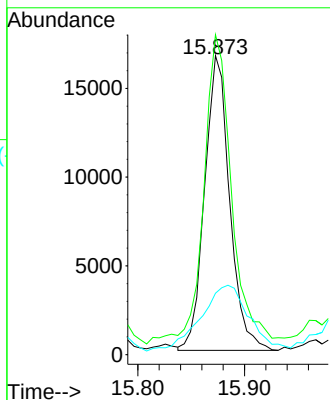
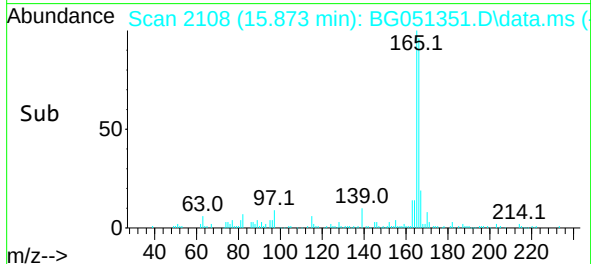
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



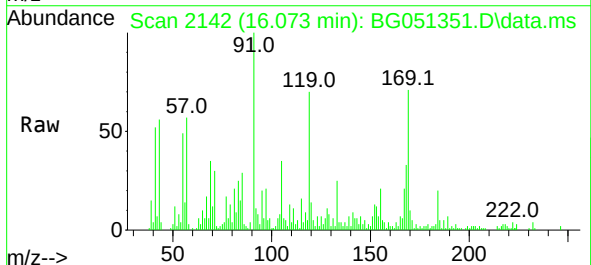
Tgt Ion:166 Resp: 2710
Ion Ratio Lower Upper
166 100
165 107.0 81.0 121.6
167 20.6 11.0 16.4

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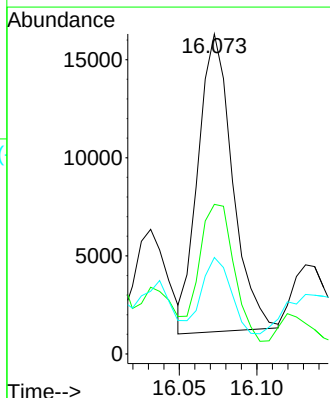
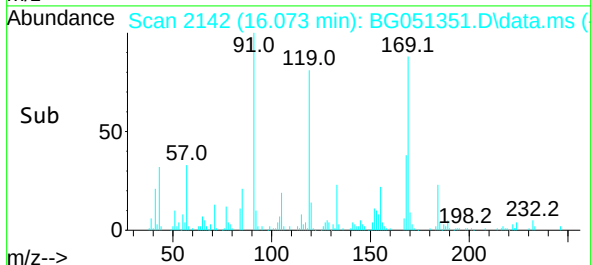
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

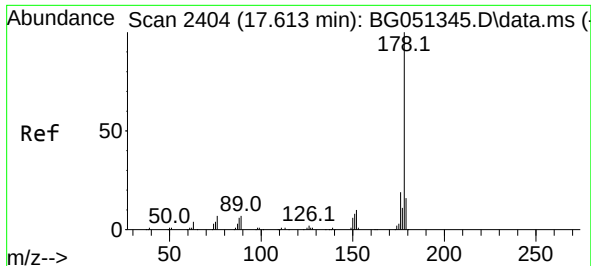


#67
N-Nitrosodiphenylamine
Concen: 4.758 ng/ul
RT: 16.073 min Scan# 2142
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30



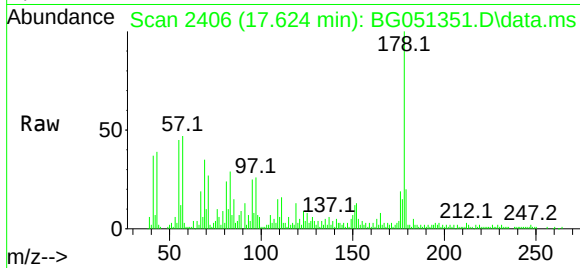
Tgt Ion:169 Resp: 23473
Ion Ratio Lower Upper
169 100
168 46.7 58.5 87.7#
167 30.2 31.3 46.9#





#72
Phenanthrene
Concen: 5.992 ng/ul
RT: 17.624 min Scan# 2406
Delta R.T. 0.002 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

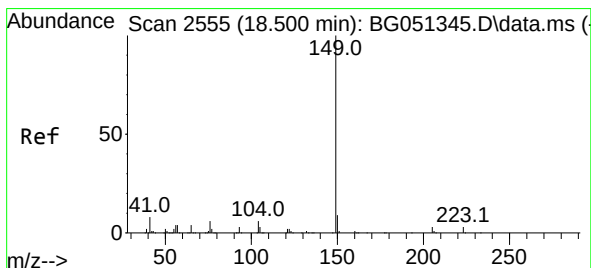
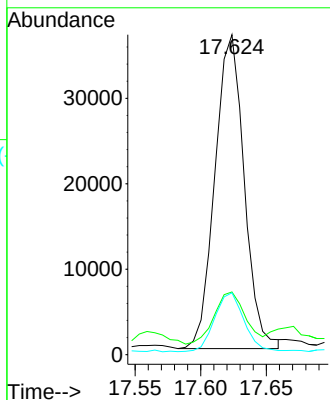
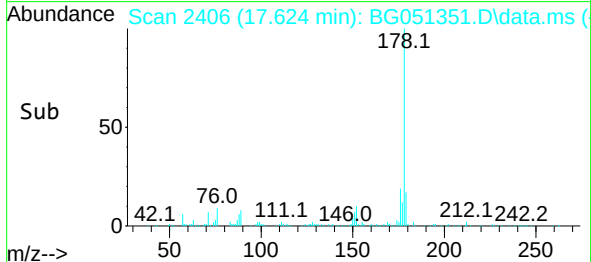
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



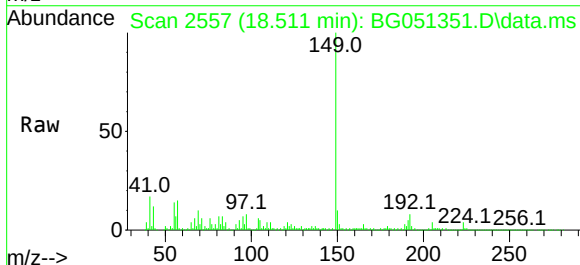
Tgt Ion:178 Resp: 57000
Ion Ratio Lower Upper
178 100
179 19.6 12.3 18.5
176 19.3 15.5 23.3

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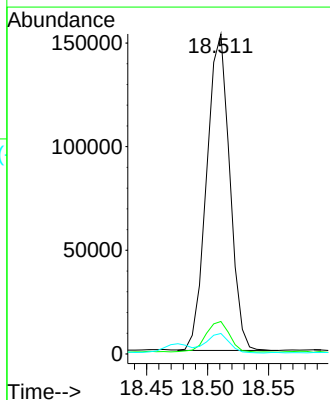
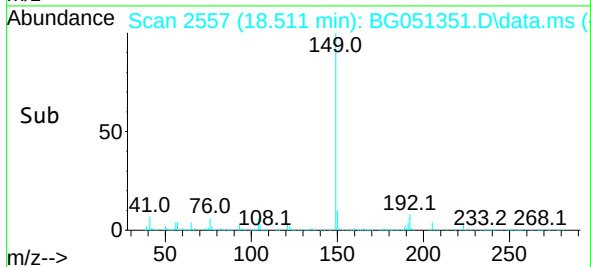
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

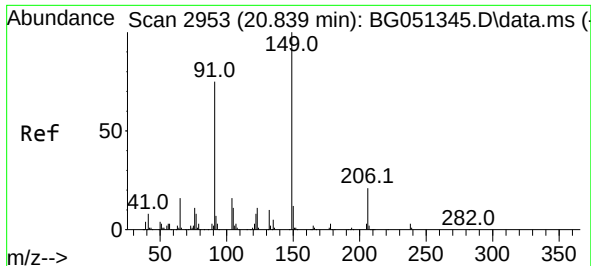


#78
Di-n-butylphthalate
Concen: 18.748 ng/ul
RT: 18.511 min Scan# 2557
Delta R.T. -0.004 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30



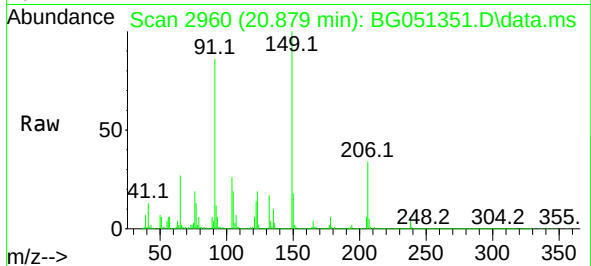
Tgt Ion:149 Resp: 200497
Ion Ratio Lower Upper
149 100
150 10.2 7.5 11.3
104 6.4 5.0 7.6





#83
Butylbenzylphthalate
Concen: 707.619 ng/ul
RT: 20.879 min Scan# 2953
Delta R.T. 0.032 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

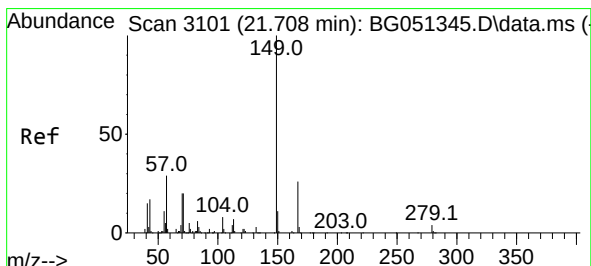
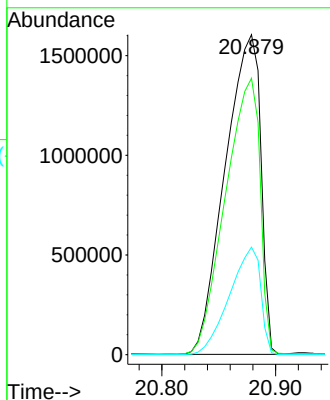
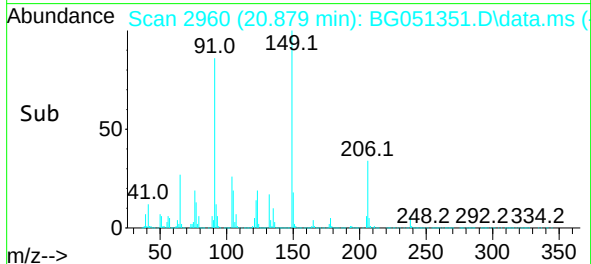
Instrument :
BNA_G
ClientSampleId :
BGKQ1DL



Tgt Ion:149 Resp: 348389
Ion Ratio Lower Upper
149 100
91 86.4 65.2 97.8
206 33.6 16.2 24.2

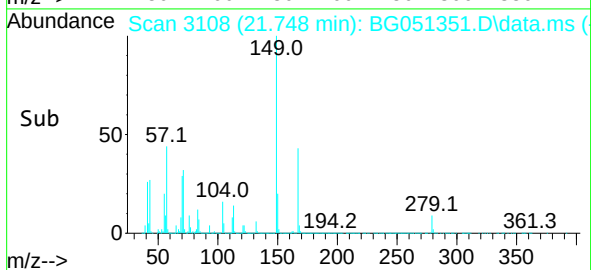
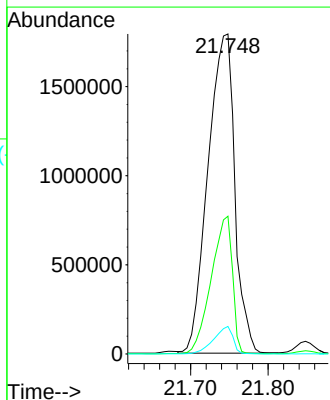
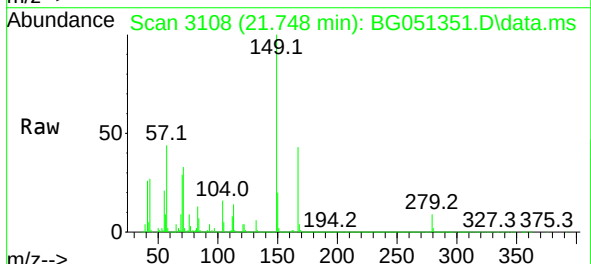
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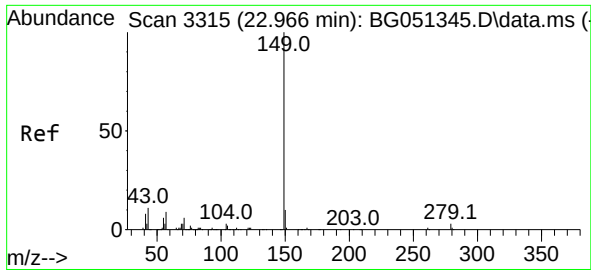
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 608.778 ng/ul
RT: 21.748 min Scan# 3108
Delta R.T. 0.026 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

Tgt Ion:149 Resp: 4313022
Ion Ratio Lower Upper
149 100
167 43.0 21.1 31.7#
279 8.6 2.7 4.1#





#89
Di-n-octyl phthalate
Concen: 71.551 ng/ul
RT: 22.994 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG051351.D
Acq: 6 Dec 2021 15:30

Instrument :
BNA_G
ClientSampleId :
BGKQ1DL

Tgt Ion:149 Resp: 86294

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

