

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051399.D
 Acq On : 8 Dec 2021 2:08
 Operator : CG/JU
 Sample : M4942-03ME
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1ME

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 08 05:31:01 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	8.189	152	31393	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.015	136	131723	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.822	164	82479	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.572	188	155573	20.000	ng/ul	0.00
79) Chrysene-d12	21.879	240	139337	20.000	ng/ul	0.00
88) Perylene-d12	25.286	264	142106	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	1930	2.136	ng/uL	-0.01
4) Pyridine-d5	3.964	84	14530	5.481	ng/ul	-0.01
7) Phenol-d5	7.354	99	43766	14.106	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.501	67	29610	15.195	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.719	132	32398	14.501	ng/ul	-0.01
15) 4-Methylphenol-d8	8.906	113	36084	14.412	ng/ul	0.00
21) Nitrobenzene-d5	9.370	128	18083	16.263	ng/ul	0.00
24) 2-Nitrophenol-d4	10.092	143	19888	15.856	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	31889	14.984	ng/ul	0.00
31) 4-Chloroaniline-d4	11.156	131	40675	13.062	ng/ul	0.00
46) Dimethylphthalate-d6	14.211	166	95145	14.992	ng/ul	-0.01
49) Acenaphthylene-d8	14.517	160	125721	15.710	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.028	143	601	0.585	ng/ul	-0.02
60) Fluorene-d10	15.815	176	81999	14.348	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	4090	4.260	ng/ul	0.00
73) Anthracene-d10	17.672	188	119803	16.101	ng/ul	0.00
81) Pyrene-d10	19.951	212	130016	15.421	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.045	264	116698	15.376	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.378	94	167206	52.021	ng/ul	97
13) 2-Methylphenol	8.635	108	24147	10.086	ng/ul	98
16) Acetophenone	8.982	105	31361	8.098	ng/ul#	47
18) 4-Methylphenol	8.970	108	18983	7.415	ng/ul	92
26) 2,4-Dimethylphenol	10.180	107	15605m	5.875	ng/ul	
30) Naphthalene	11.068	128	977235	136.346	ng/ul	98
32) 4-Chloroaniline	11.179	127	6606	2.113	ng/ul#	82
36) 2-Methylnaphthalene	12.660	142	292150	59.927	ng/ul	97
37) 1-Methylnaphthalene	12.877	142	135436	27.003	ng/ul	99
43) 1,1'-Biphenyl	13.653	154	47303	7.679	ng/ul	96
52) Acenaphthene	14.887	153	23585	4.523	ng/ul	95
56) Dibenzofuran	15.222	168	40732	5.416	ng/ul	98
59) Diethylphthalate	15.609	149	21675	3.215	ng/ul	100
61) Fluorene	15.868	166	23190	3.849	ng/ul#	91
67) N-Nitrosodiphenylamine	16.068	169	19125	4.294	ng/ul#	71
72) Phenanthrene	17.613	178	49276	5.737	ng/ul#	96
78) Di-n-butylphthalate	18.506	149	173051	17.923	ng/ul	99
83) Butylbenzylphthalate	20.874	149	3192230	758.048	ng/ul#	91
86) Bis(2-ethylhexyl)phtha...	21.738	149	4123341	680.447	ng/ul#	72
89) Di-n-octyl phthalate	22.983	149	748790	72.733	ng/ul	100

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

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BNA_G

ClientSampleId :

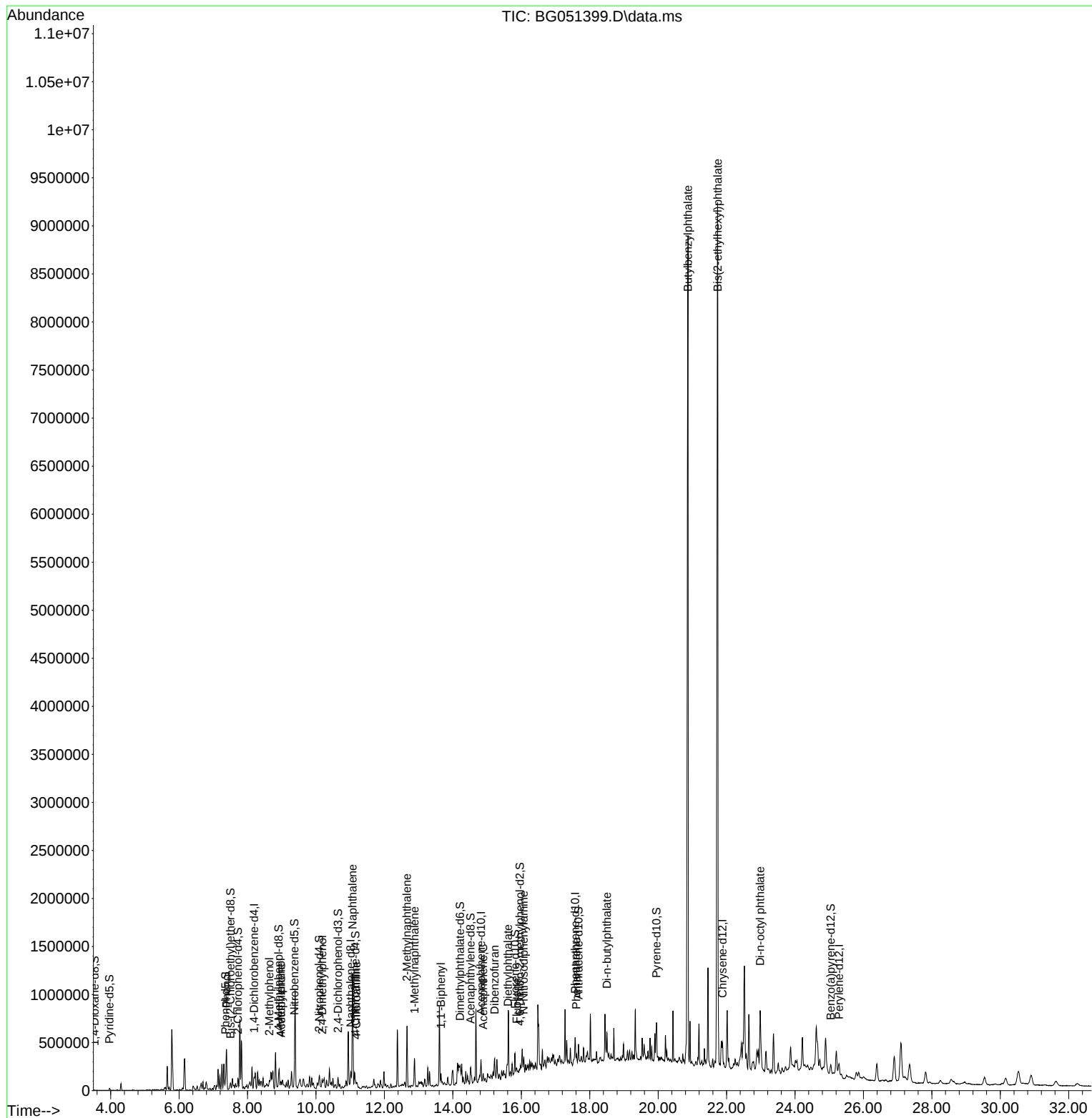
BGKQ1ME

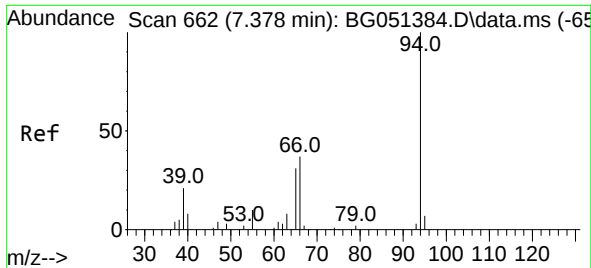
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
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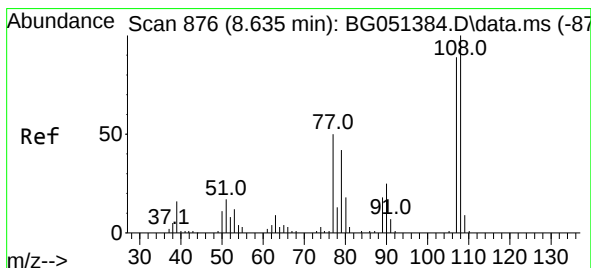
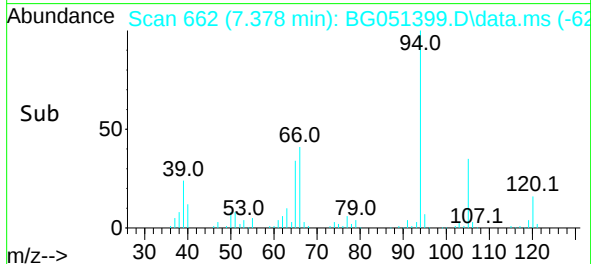
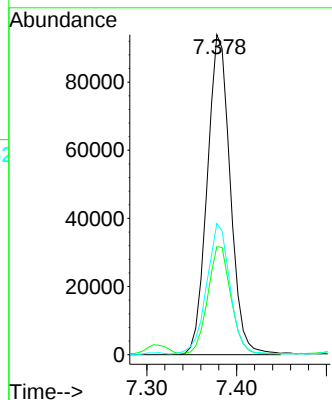
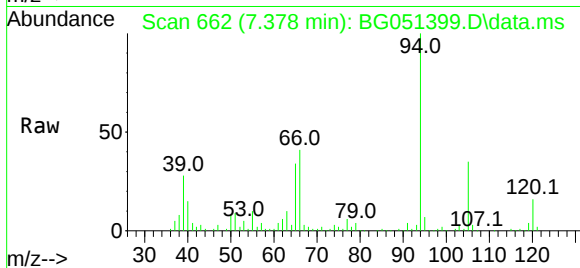
#8
Phenol
Concen: 52.021 ng/ul
RT: 7.378 min Scan# 662
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Instrument :
BNA_G
ClientSampleId :
BGKQ1ME

Tgt Ion: 94 Resp: 167200
Ion Ratio Lower Upper
94 100
65 33.8 25.1 37.7
66 41.0 31.6 47.4

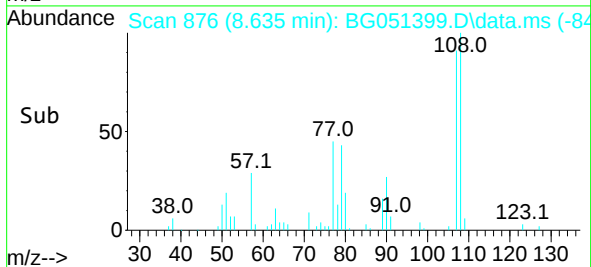
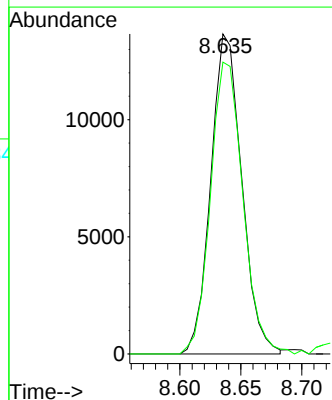
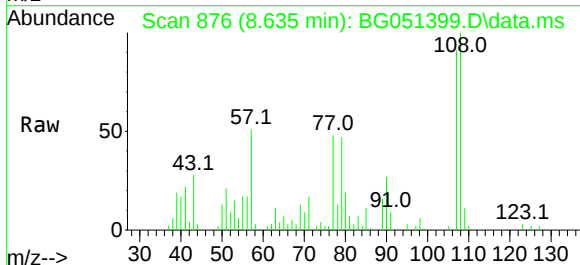
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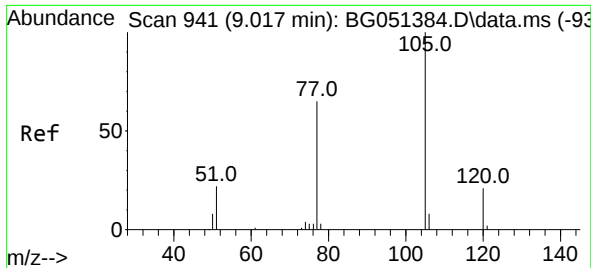
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#13
2-Methylphenol
Concen: 10.086 ng/ul
RT: 8.635 min Scan# 876
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Tgt Ion:108 Resp: 24147
Ion Ratio Lower Upper
108 100
107 91.2 71.8 107.6





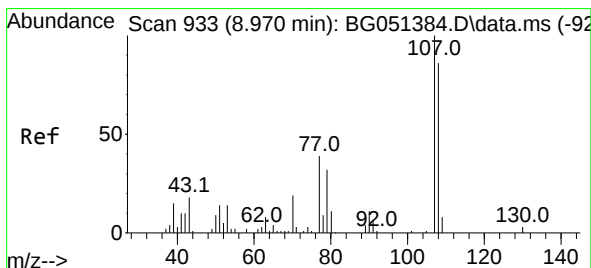
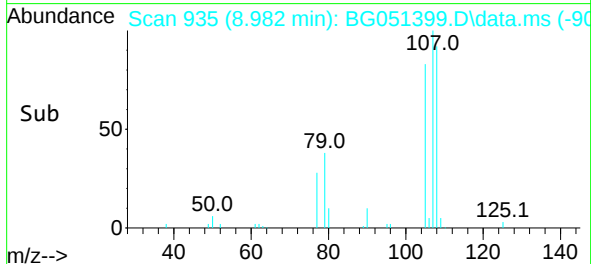
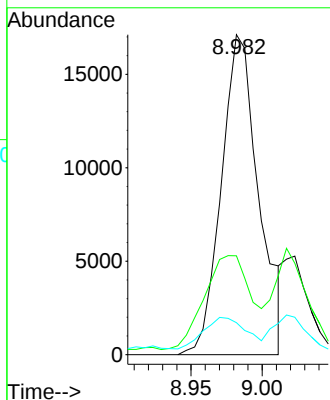
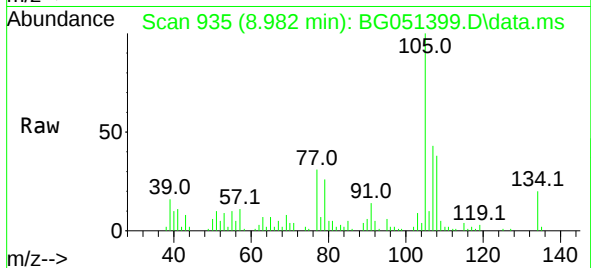
#16
Acetophenone
Concen: 8.098 ng/ul
RT: 8.982 min Scan# 91
Delta R.T. -0.050 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Instrument :
BNA_G
ClientSampleId :
BGKQ1ME

Tgt Ion:105 Resp: 3136
Ion Ratio Lower Upper
105 100
77 30.9 67.3 100.9
51 10.0 24.0 36.0

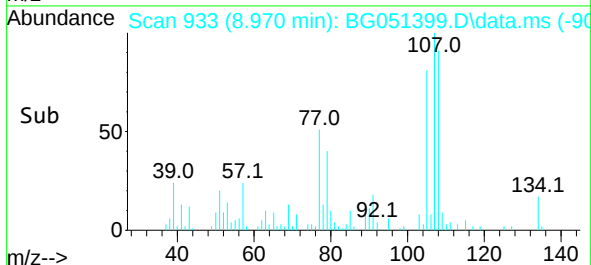
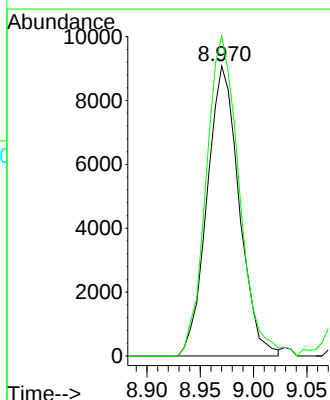
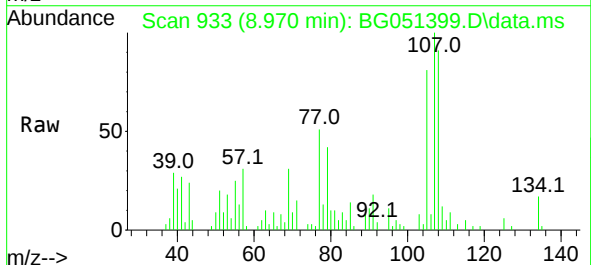
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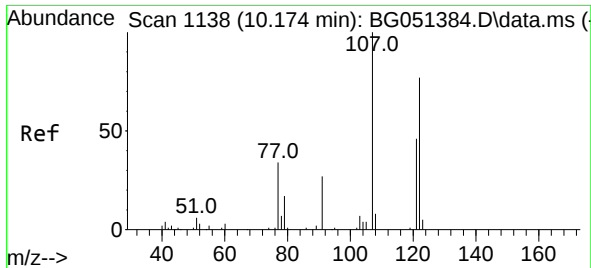
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#18
4-Methylphenol
Concen: 7.415 ng/ul
RT: 8.970 min Scan# 933
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Tgt Ion:108 Resp: 18983
Ion Ratio Lower Upper
108 100
107 110.4 95.0 142.4





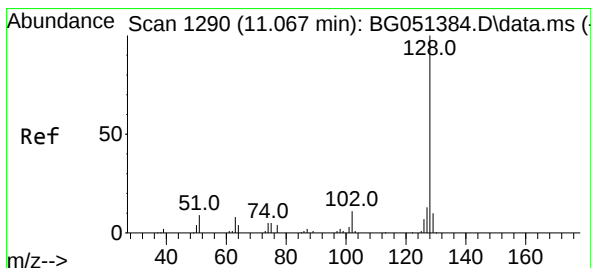
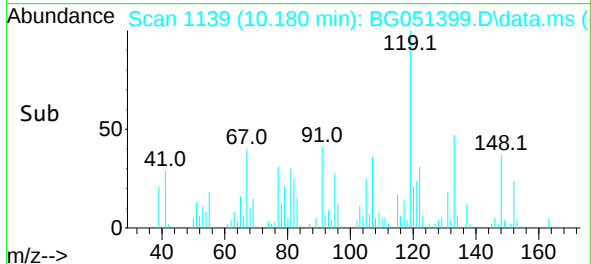
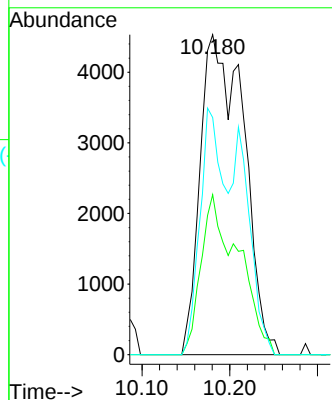
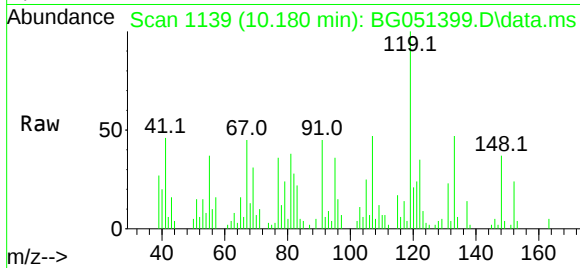
#26
2,4-Dimethylphenol
Concen: 5.875 ng/ul m
RT: 10.180 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Instrument :
BNA_G
ClientSampleId :
BGKQ1ME

Tgt Ion:107 Resp: 1560
Ion Ratio Lower Upper
107 100
121 50.0 39.3 58.9
122 74.1 63.7 95.5

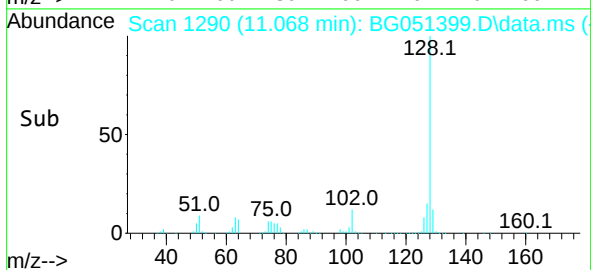
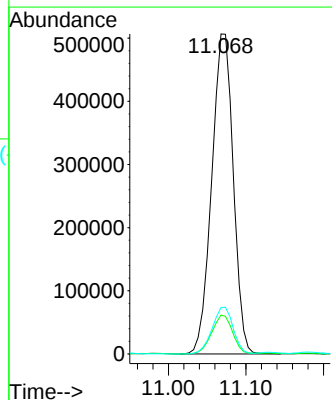
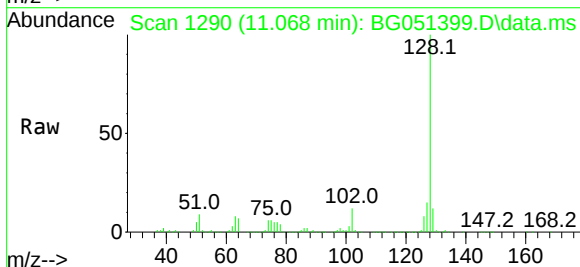
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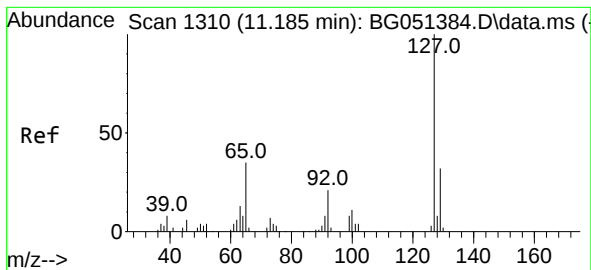
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#30
Naphthalene
Concen: 136.346 ng/ul
RT: 11.068 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Tgt Ion:128 Resp: 977235
Ion Ratio Lower Upper
128 100
129 12.1 8.5 12.7
127 14.5 11.8 17.6





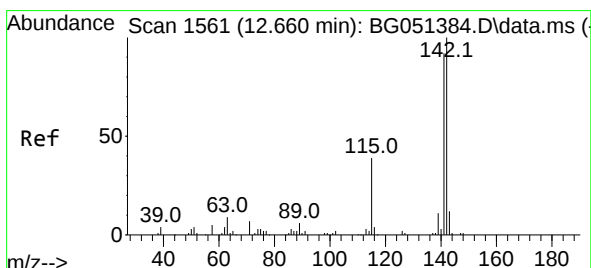
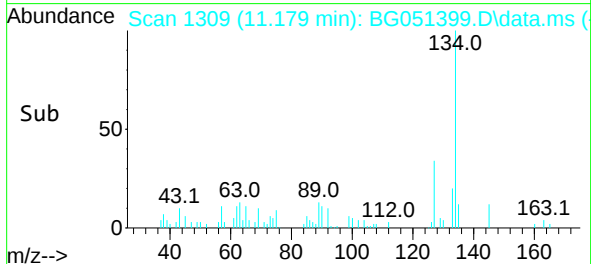
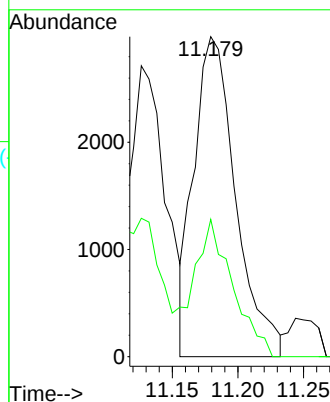
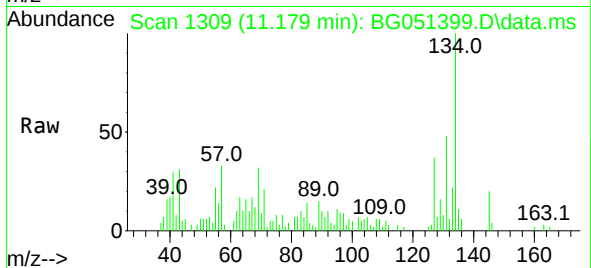
#32
4-Chloroaniline
Concen: 2.113 ng/ul
RT: 11.179 min Scan# 11179
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Instrument :
BNA_G
ClientSampleId :
BGKQ1ME

Tgt Ion:127 Resp: 6600
Ion Ratio Lower Upper
127 100
129 42.9 26.2 39.2

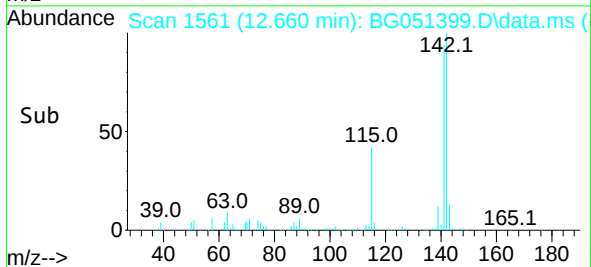
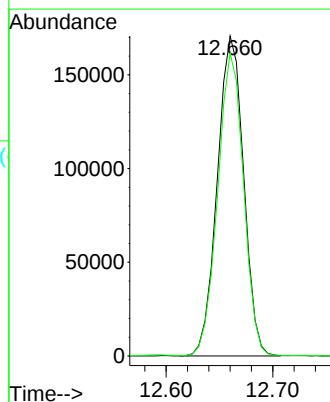
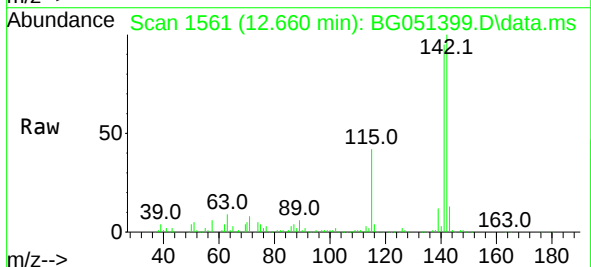
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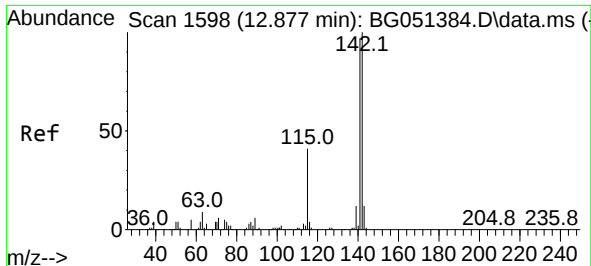
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#36
2-Methylnaphthalene
Concen: 59.927 ng/ul
RT: 12.660 min Scan# 1561
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

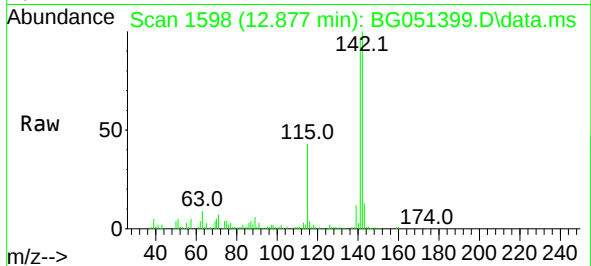
Tgt Ion:142 Resp: 292150
Ion Ratio Lower Upper
142 100
141 94.6 73.3 109.9





#37
1-Methylnaphthalene
Concen: 27.003 ng/ul
RT: 12.877 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

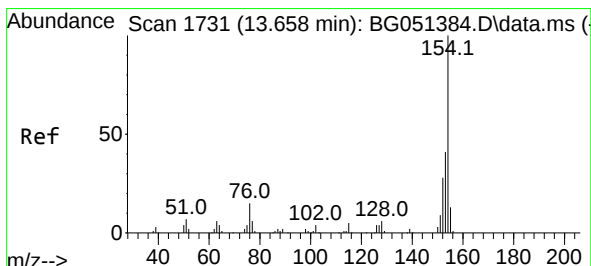
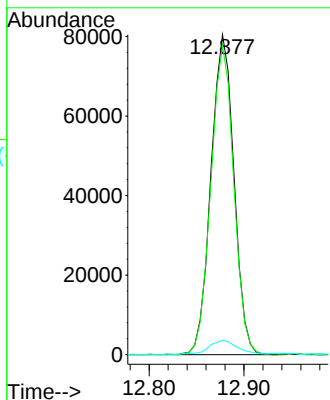
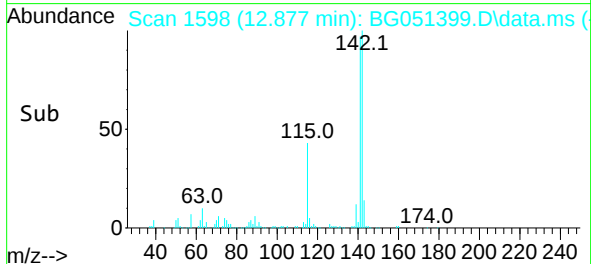
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BGKQ1ME



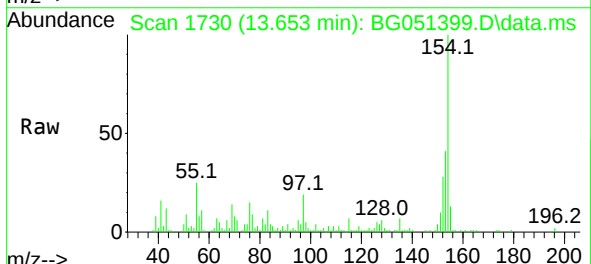
Tgt Ion:142 Resp: 135430
Ion Ratio Lower Upper
142 100
141 96.6 77.8 116.8
116 4.5 3.3 4.9

Manual Integrations
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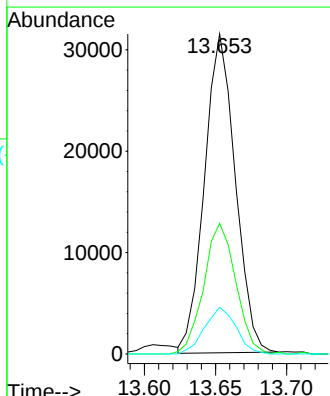
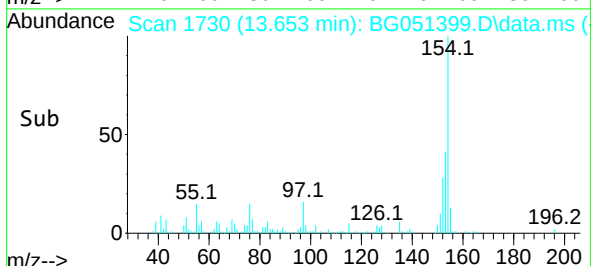
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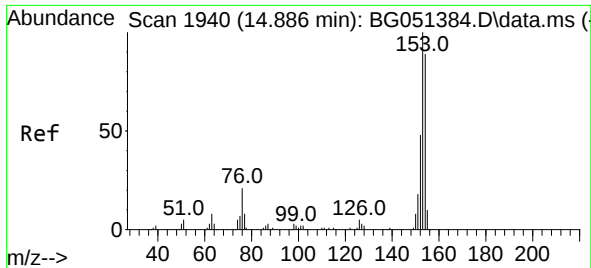


#43
1,1'-Biphenyl
Concen: 7.679 ng/ul
RT: 13.653 min Scan# 1730
Delta R.T. -0.014 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08



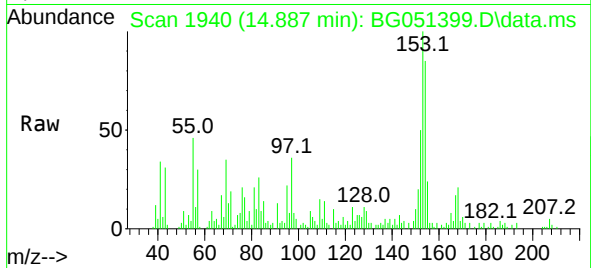
Tgt Ion:154 Resp: 47303
Ion Ratio Lower Upper
154 100
153 40.8 34.5 51.7
76 14.6 13.1 19.7





#52
Acenaphthene
Concen: 4.523 ng/u1
RT: 14.887 min Scan# 1940
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

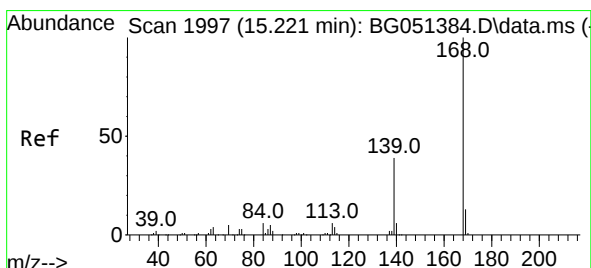
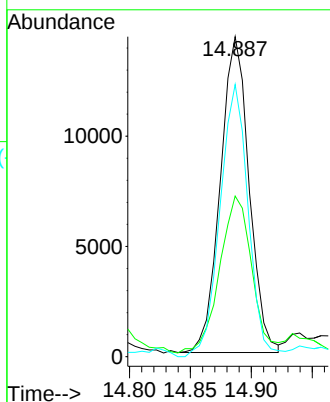
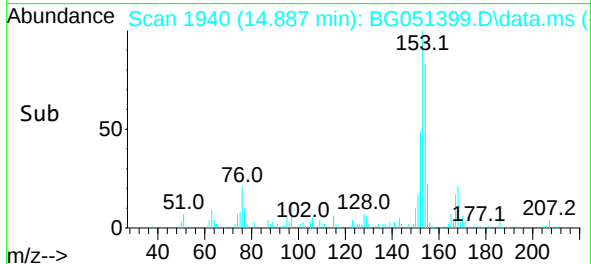
Instrument :
BNA_G
ClientSampleId :
BGKQ1ME



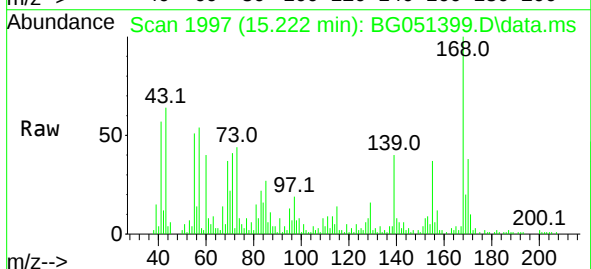
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Ion Ratio Lower Upper
153 100
152 50.2 36.5 54.7
154 85.1 65.8 98.6

Manual Integrations
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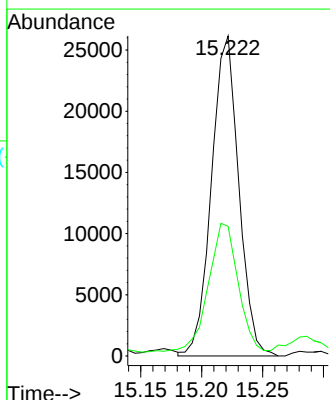
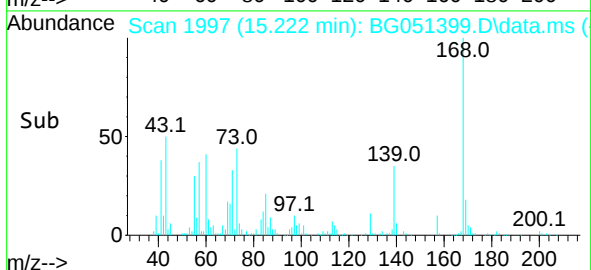
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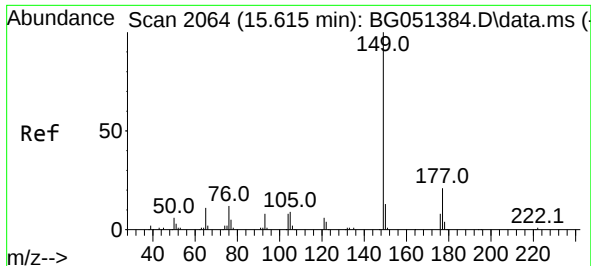


#56
Dibenzofuran
Concen: 5.416 ng/u1
RT: 15.222 min Scan# 1997
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08



Tgt Ion:168 Resp: 40732
Ion Ratio Lower Upper
168 100
139 40.5 31.2 46.8





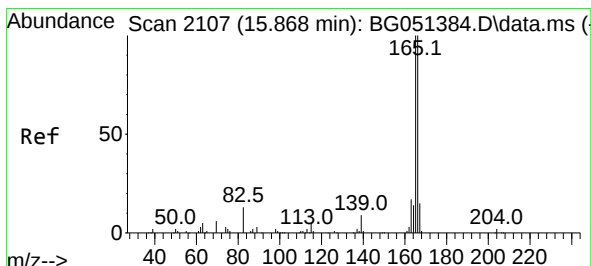
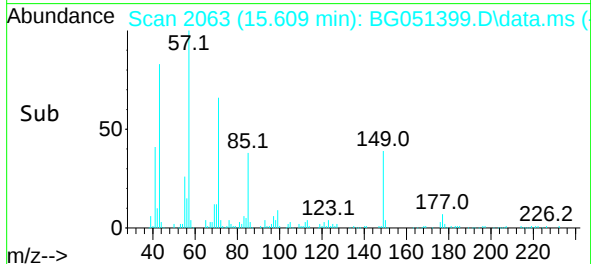
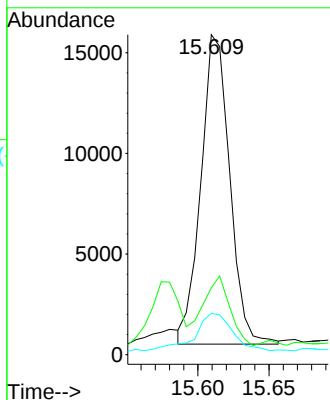
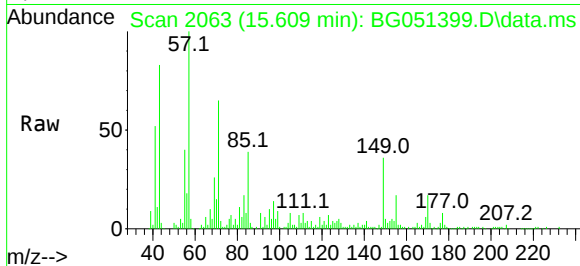
#59
Diethylphthalate
Concen: 3.215 ng/ul
RT: 15.609 min Scan# 2063
Delta R.T. -0.014 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Instrument :
BNA_G
ClientSampleId :
BGKQ1ME

Tgt Ion:149 Resp: 2167
Ion Ratio Lower Upper
149 100
177 20.9 16.8 25.2
150 12.9 10.1 15.1

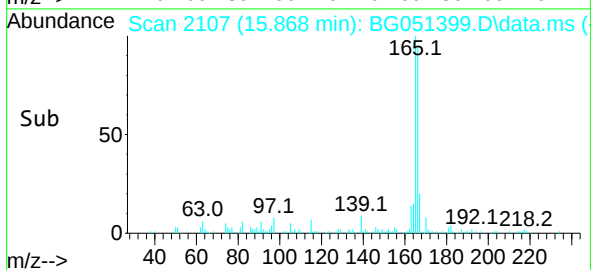
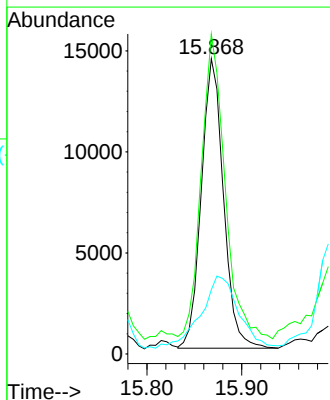
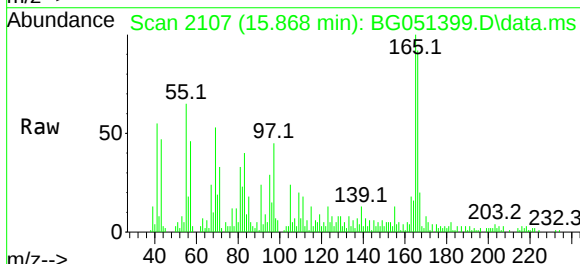
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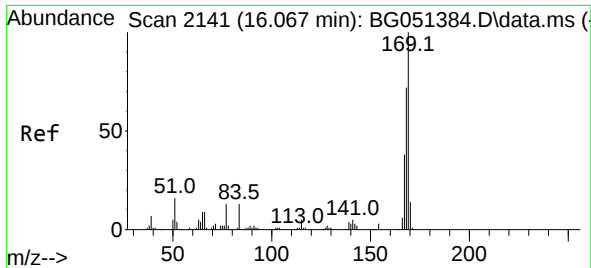
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#61
Fluorene
Concen: 3.849 ng/ul
RT: 15.868 min Scan# 2107
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Tgt Ion:166 Resp: 23190
Ion Ratio Lower Upper
166 100
165 108.4 81.0 121.6
167 21.7 11.0 16.4





#67
N-Nitrosodiphenylamine
Concen: 4.294 ng/ul
RT: 16.068 min Scan# 2141
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Instrument :

BNA_G

ClientSampleId :

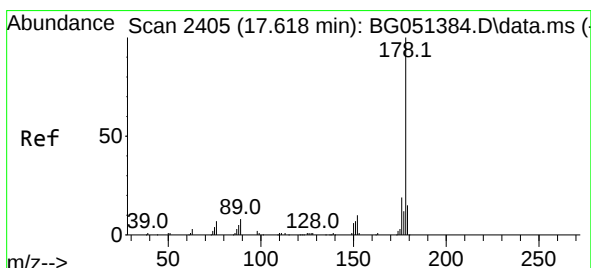
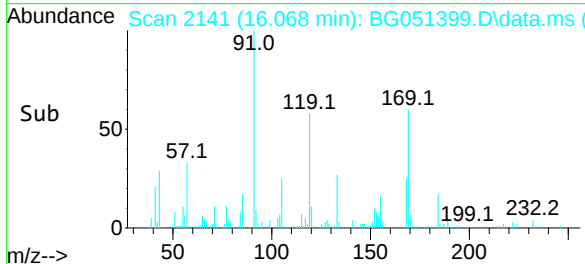
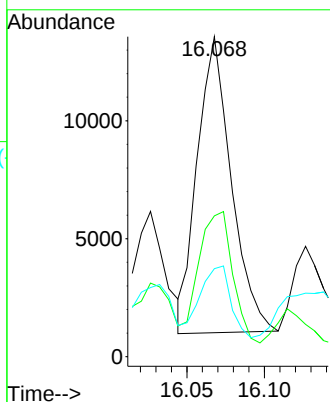
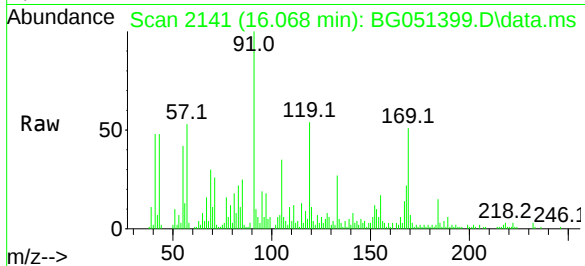
BGKQ1ME

Tgt Ion:169 Resp: 1912
Ion Ratio Lower Upper
169 100
168 44.0 58.5 87.7
167 27.5 31.3 46.9

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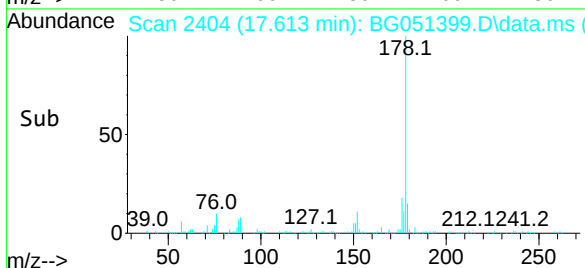
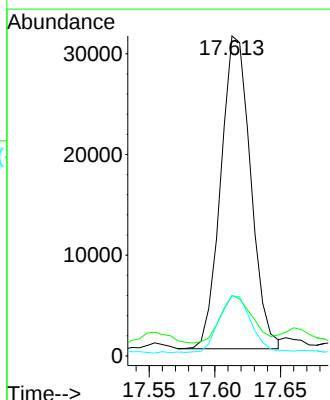
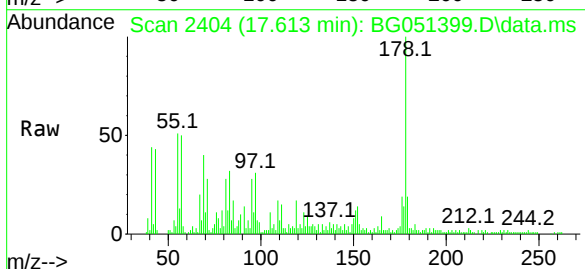
APPROVED

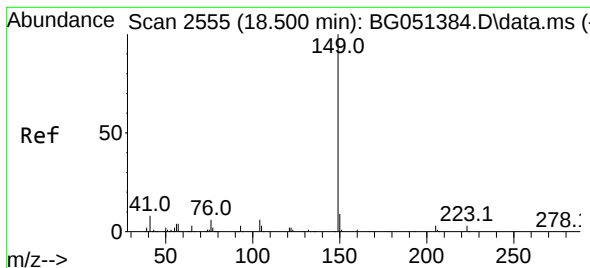
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#72
Phenanthrene
Concen: 5.737 ng/ul
RT: 17.613 min Scan# 2404
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

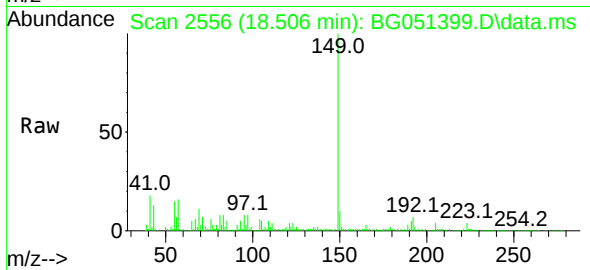
Tgt Ion:178 Resp: 49276
Ion Ratio Lower Upper
178 100
179 18.9 12.3 18.5
176 18.8 15.5 23.3





#78
Di-n-butylphthalate
Concen: 17.923 ng/ul
RT: 18.506 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

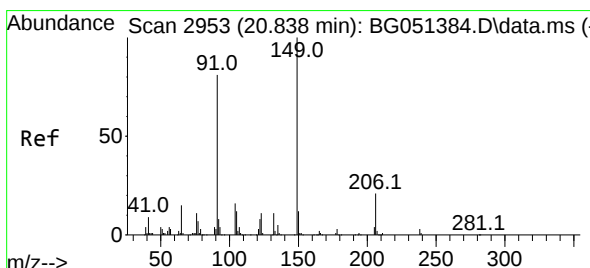
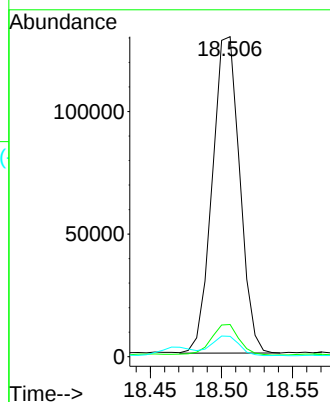
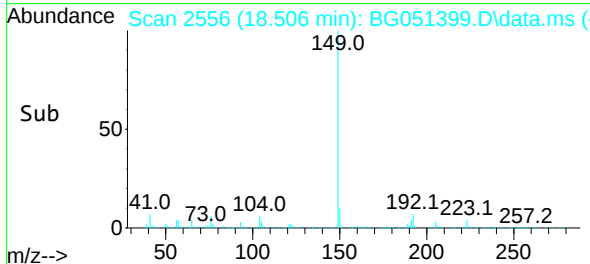
Instrument :
BNA_G
ClientSampleId :
BGKQ1ME



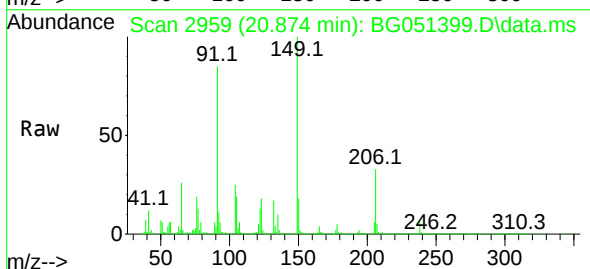
Tgt Ion:149 Resp: 17305
Ion Ratio Lower Upper
149 100
150 10.1 7.5 11.3
104 6.3 5.0 7.6

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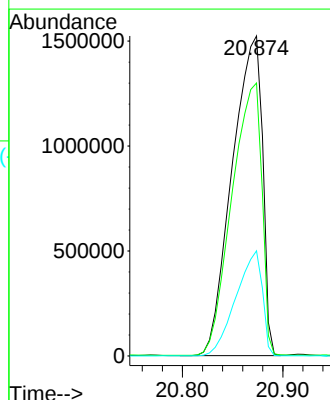
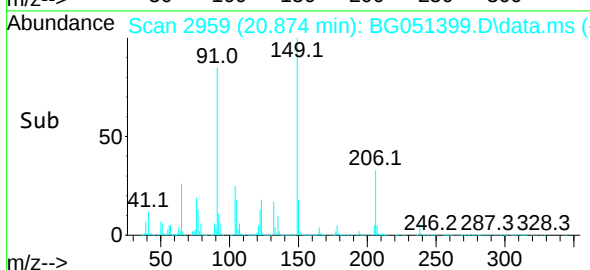
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

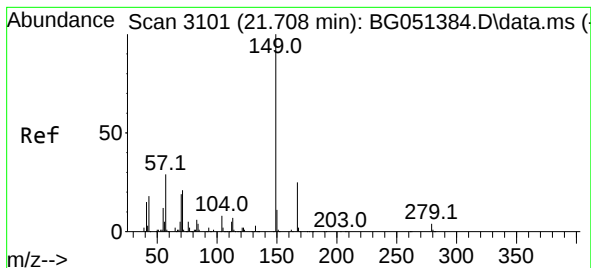


#83
Butylbenzylphthalate
Concen: 758.048 ng/ul
RT: 20.874 min Scan# 2959
Delta R.T. 0.027 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08



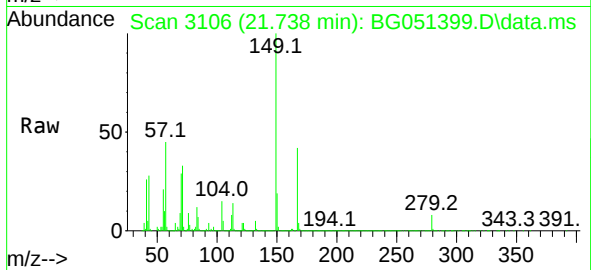
Tgt Ion:149 Resp: 3192230
Ion Ratio Lower Upper
149 100
91 85.3 65.2 97.8
206 32.8 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 680.447 ng/ul
RT: 21.738 min Scan# 3106
Delta R.T. 0.015 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

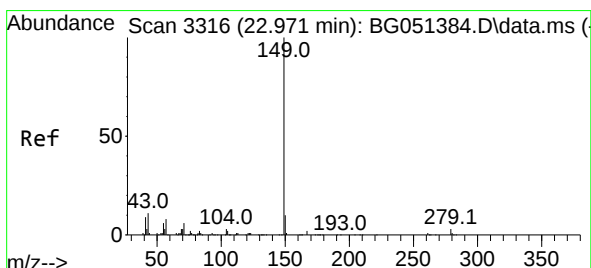
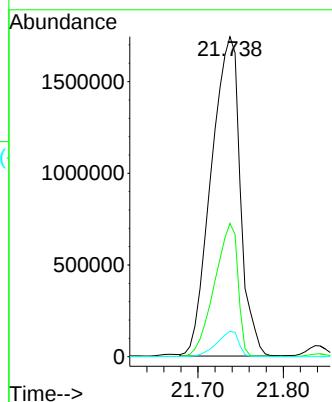
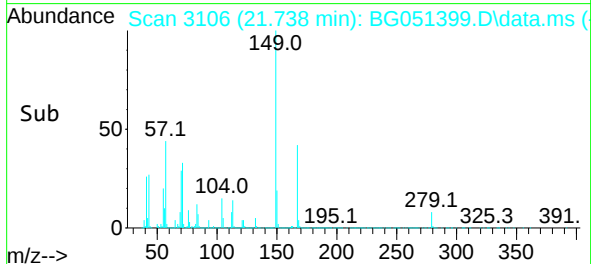
Instrument :
BNA_G
ClientSampleId :
BGKQ1ME



Tgt Ion:149 Resp: 412334
Ion Ratio Lower Upper
149 100
167 41.6 21.1 31.7
279 7.9 2.7 4.1

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Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#89
Di-n-octyl phthalate
Concen: 72.733 ng/ul
RT: 22.983 min Scan# 3318
Delta R.T. -0.003 min
Lab File: BG051399.D
Acq: 8 Dec 2021 2:08

Tgt Ion:149 Resp: 748790

