

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051375.D
 Acq On : 7 Dec 2021 8:44
 Operator : CG/JU
 Sample : M4868-11ME
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP6ME

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/20/2021

Quant Time: Dec 07 14:01:58 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	8.191	152	30147	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.023	136	127787	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.824	164	80207	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.580	188	148719	20.000	ng/ul	0.00
79) Chrysene-d12	21.880	240	133639	20.000	ng/ul	0.00
88) Perylene-d12	25.288	264	136013	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	4595	5.297	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.350	99	66405	22.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.503	67	48380	25.854	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.721	132	50959	23.751	ng/ul	-0.01
15) 4-Methylphenol-d8	8.907	113	54264	22.569	ng/ul	0.00
21) Nitrobenzene-d5	9.372	128	29343	27.202	ng/ul	0.00
24) 2-Nitrophenol-d4	10.094	143	29605	24.330	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	49098	23.781	ng/ul	0.00
31) 4-Chloroaniline-d4	11.158	131	52716	17.451	ng/ul	0.00
46) Dimethylphthalate-d6	14.219	166	154372	25.014	ng/ul	0.00
49) Acenaphthylene-d8	14.524	160	213815	27.475	ng/ul	0.00
54) 4-Nitrophenol-d4	15.065	143	9531m	9.541	ng/ul	0.02
60) Fluorene-d10	15.817	176	142015	25.554	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.964	200	2800	3.051	ng/ul	0.01
73) Anthracene-d10	17.680	188	212280	29.845	ng/ul	0.00
81) Pyrene-d10	19.959	212	235868	29.169	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.053	264	213169	29.346	ng/ul	0.01
Target Compounds					Qvalue	
8) Phenol	7.380	94	101112	32.758	ng/ul	98
13) 2-Methylphenol	8.643	108	8986	3.908	ng/ul	95
18) 4-Methylphenol	8.972	108	14852	6.041	ng/ul	97
26) 2,4-Dimethylphenol	10.182	107	9937m	3.856	ng/ul	
30) Naphthalene	11.070	128	475774	68.426	ng/ul	98
36) 2-Methylnaphthalene	12.668	142	463998	98.108	ng/ul	99
37) 1-Methylnaphthalene	12.879	142	190881	39.230	ng/ul	99
43) 1,1'-Biphenyl	13.655	154	89855	14.999	ng/ul	98
52) Acenaphthene	14.889	153	40011	7.891	ng/ul	97
56) Dibenzofuran	15.224	168	66827	9.137	ng/ul	98
59) Diethylphthalate	15.617	149	15217	2.321	ng/ul#	92
61) Fluorene	15.876	166	28314	4.833	ng/ul#	98
67) N-Nitrosodiphenylamine	16.070	169	10168	2.388	ng/ul#	69
72) Phenanthrene	17.621	178	42436	5.168	ng/ul#	94
78) Di-n-butylphthalate	18.508	149	160161	17.352	ng/ul	99
80) Fluoranthene	19.624	202	11468	1.155	ng/ul#	94
82) Pyrene	19.989	202	10990	1.131	ng/ul#	94
83) Butylbenzylphthalate	20.876	149	3020483	747.846	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.734	149	3074242	528.952	ng/ul#	81
89) Di-n-octyl phthalate	22.985	149	746459	75.754	ng/ul	100

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

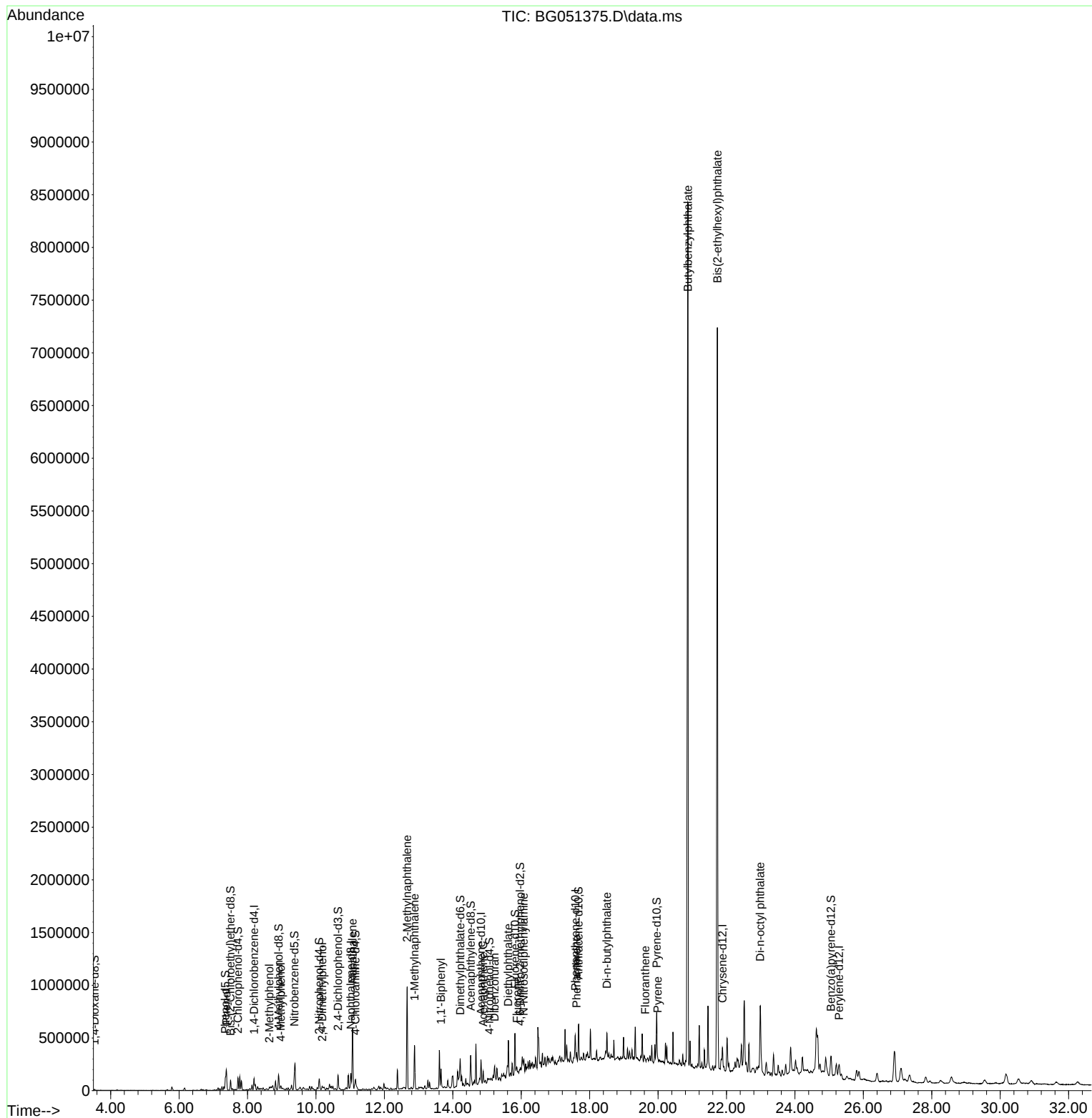
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051375.D
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ALS Vial : 33 Sample Multiplier: 1

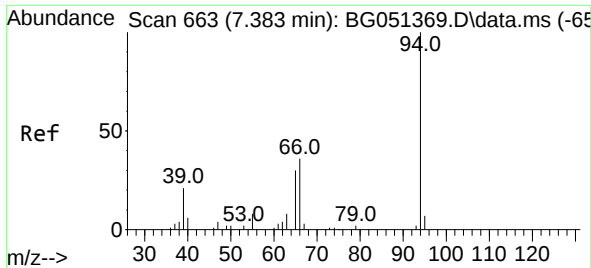
Instrument :
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ClientSampleId :
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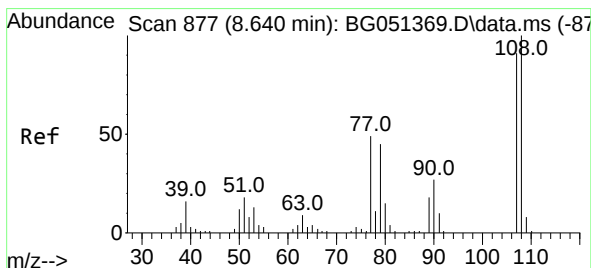
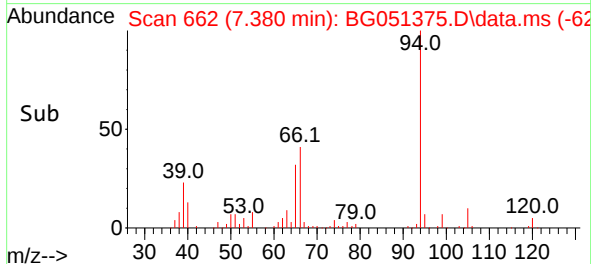
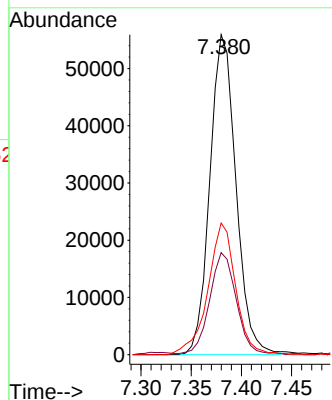
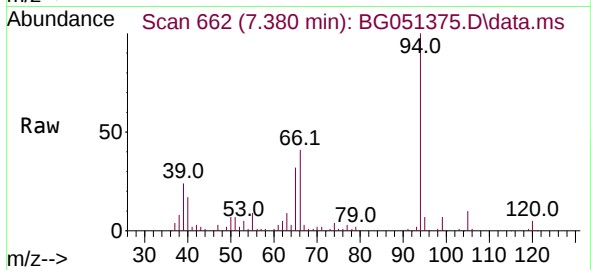
#8
Phenol
Concen: 32.758 ng/ul
RT: 7.380 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

Instrument :
BNA_G
ClientSampleId :
BGKP6ME

Tgt Ion: 94 Resp: 10111
Ion Ratio Lower Upper
94 100
65 31.9 25.1 37.7
66 41.1 31.6 47.4

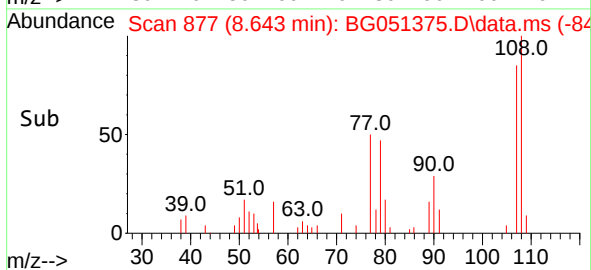
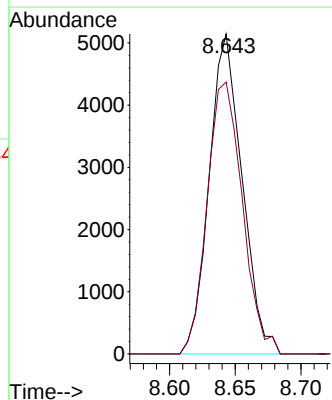
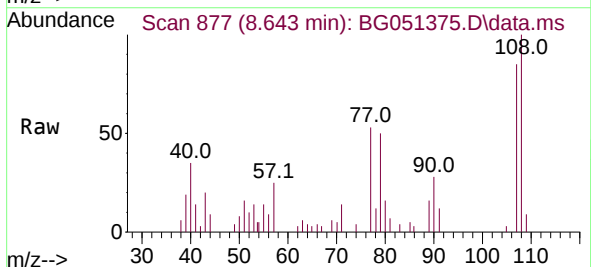
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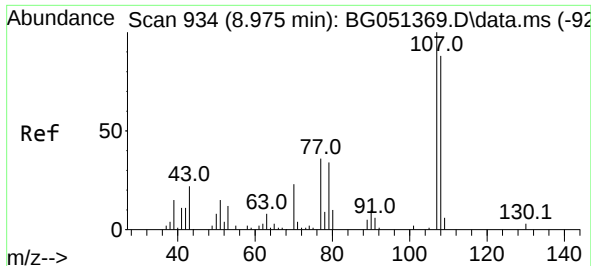
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



#13
2-Methylphenol
Concen: 3.908 ng/ul
RT: 8.643 min Scan# 877
Delta R.T. -0.001 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

Tgt Ion:108 Resp: 8986
Ion Ratio Lower Upper
108 100
107 85.0 71.8 107.6





#18

4-Methylphenol

Concen: 6.041 ng/ul

RT: 8.972 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG051375.D

Acq: 7 Dec 2021 8:44

Instrument :

BNA_G

ClientSampleId :

BGKP6ME

Tgt Ion:108 Resp: 1485

Ion Ratio Lower Upper

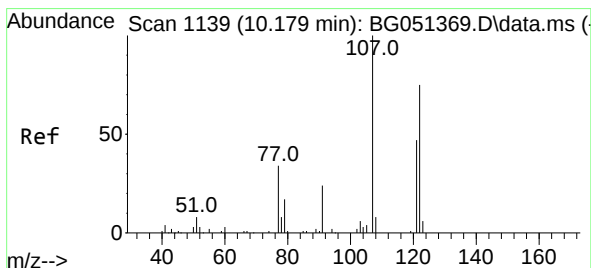
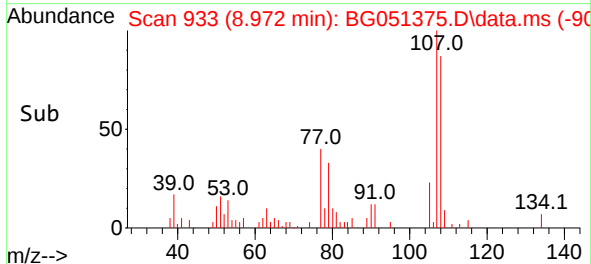
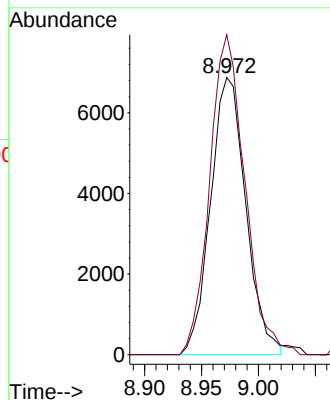
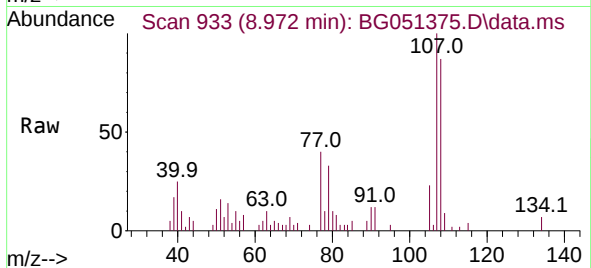
108 100

107 115.4 95.0 142.4

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#26

2,4-Dimethylphenol

Concen: 3.856 ng/ul m

RT: 10.182 min Scan# 1139

Delta R.T. -0.001 min

Lab File: BG051375.D

Acq: 7 Dec 2021 8:44

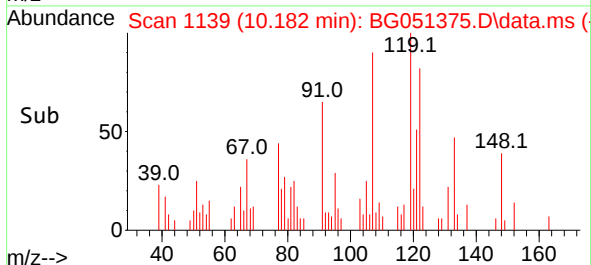
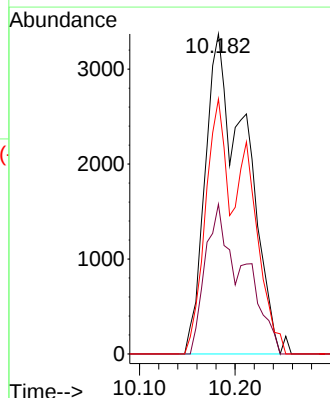
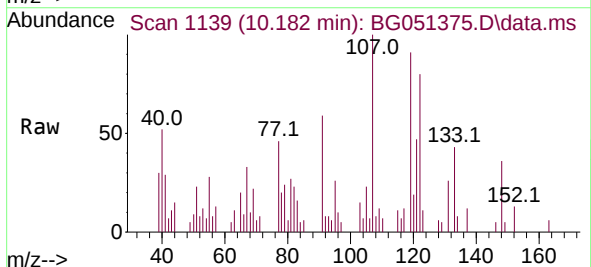
Tgt Ion:107 Resp: 9937

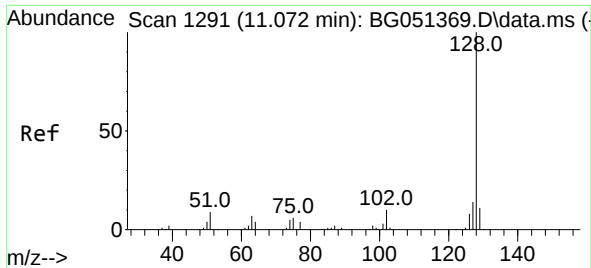
Ion Ratio Lower Upper

107 100

121 46.8 39.3 58.9

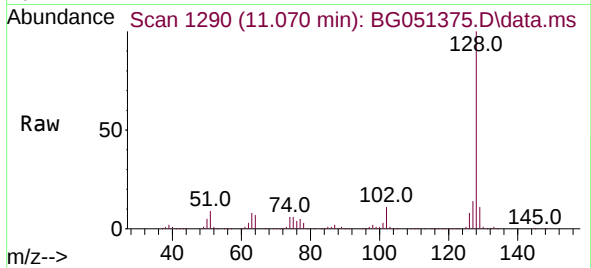
122 79.6 63.7 95.5





#30
Naphthalene
Concen: 68.426 ng/ul
RT: 11.070 min Scan# 1291
Delta R.T. -0.007 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

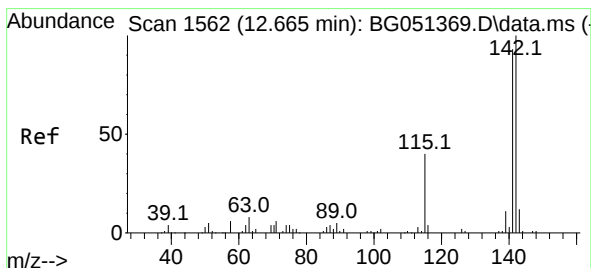
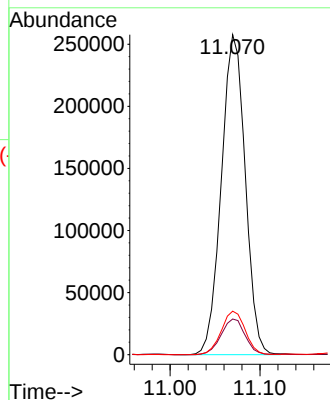
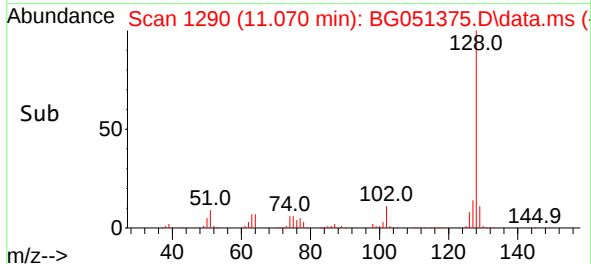
Instrument :
BNA_G
ClientSampleId :
BGKP6ME



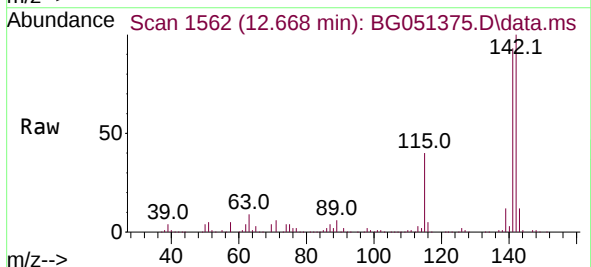
Tgt Ion:128 Resp: 475774
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.6 11.8 17.6

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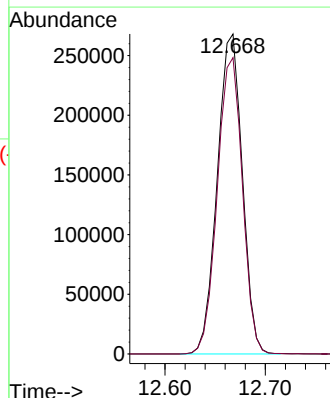
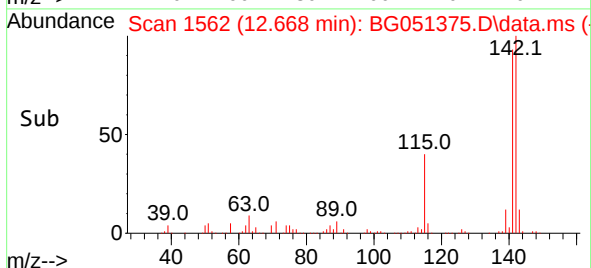
Reviewed By :Jagrut Upadhyay 12/20/2021
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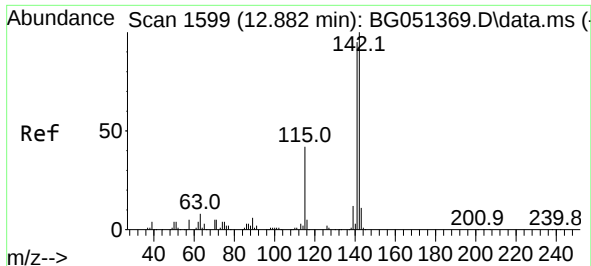


#36
2-Methylnaphthalene
Concen: 98.108 ng/ul
RT: 12.668 min Scan# 1562
Delta R.T. -0.001 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44



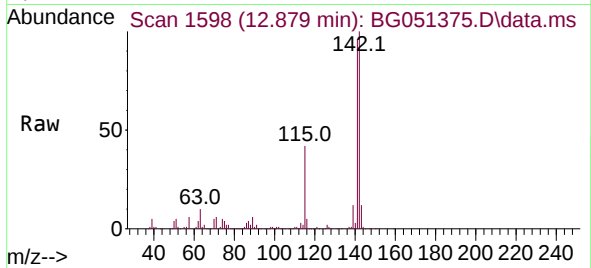
Tgt Ion:142 Resp: 463998
Ion Ratio Lower Upper
142 100
141 92.6 73.3 109.9





#37
1-Methylnaphthalene
Concen: 39.230 ng/ul
RT: 12.879 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

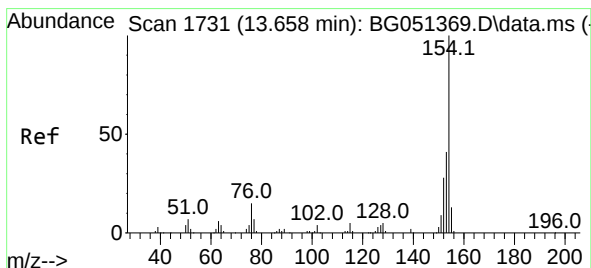
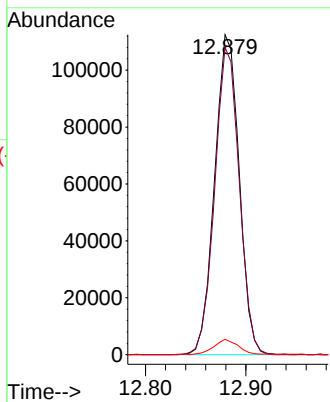
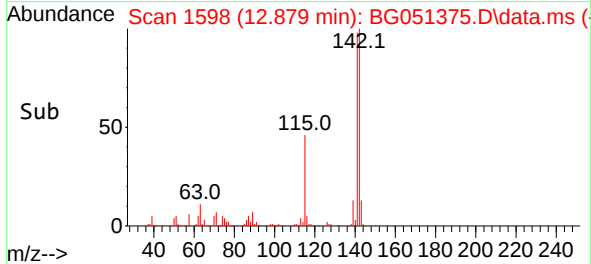
Instrument :
BNA_G
ClientSampleId :
BGKP6ME



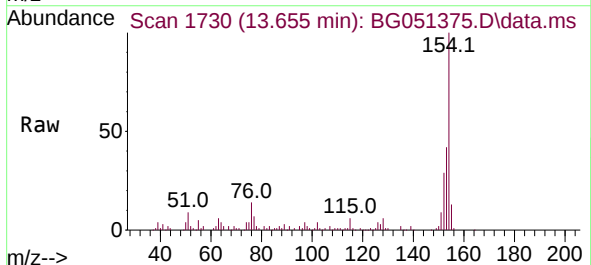
Tgt Ion:142 Resp: 19088
Ion Ratio Lower Upper
142 100
141 96.1 77.8 116.8
116 4.8 3.3 4.9

Manual Integrations
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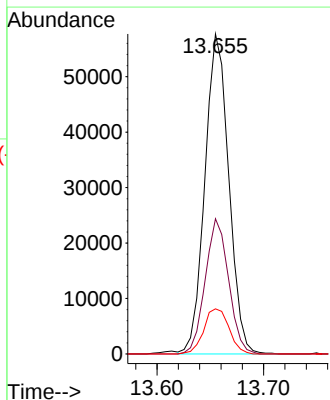
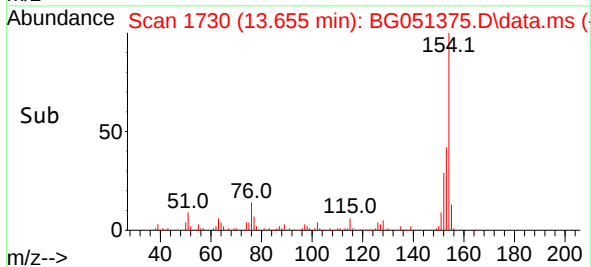
Reviewed By :Jagrut Upadhyay 12/20/2021
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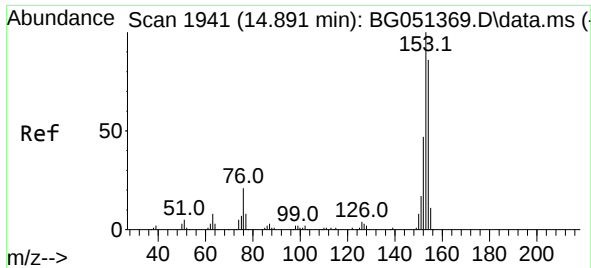


#43
1,1'-Biphenyl
Concen: 14.999 ng/ul
RT: 13.655 min Scan# 1730
Delta R.T. -0.012 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44



Tgt Ion:154 Resp: 89855
Ion Ratio Lower Upper
154 100
153 42.2 34.5 51.7
76 14.1 13.1 19.7





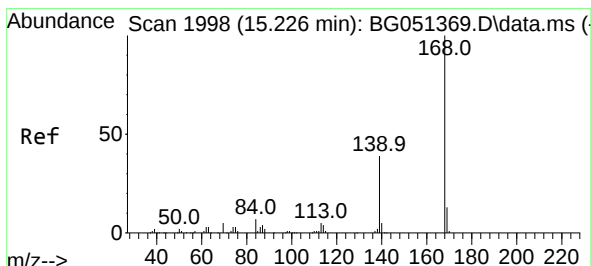
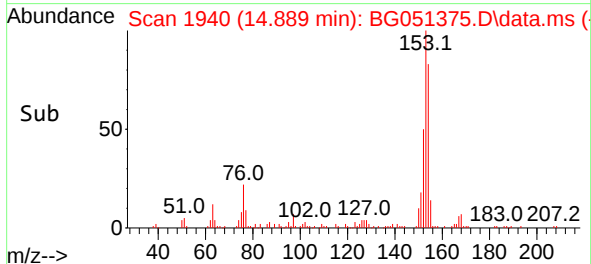
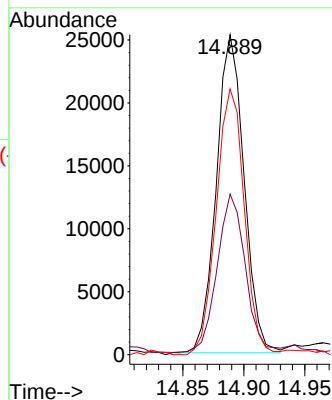
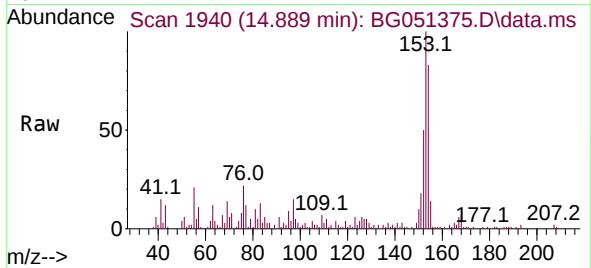
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Acenaphthene
Concen: 7.891 ng/ul
RT: 14.889 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

Instrument :
BNA_G
ClientSampleId :
BGKP6ME

Tgt Ion:153 Resp: 4001
Ion Ratio Lower Upper
153 100
152 50.2 36.5 54.7
154 83.0 65.8 98.6

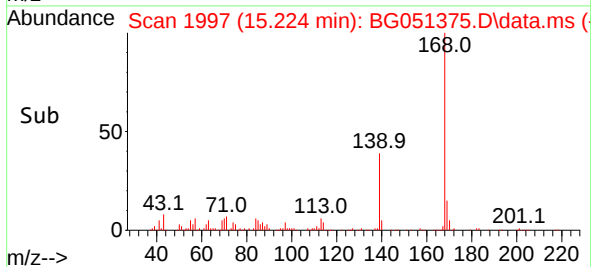
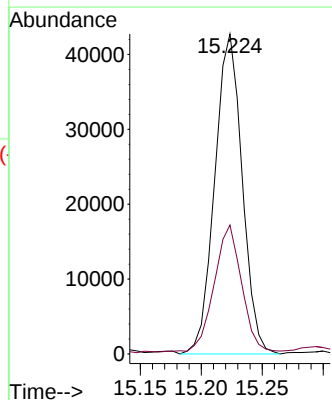
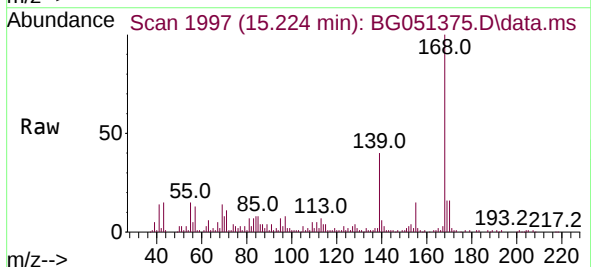
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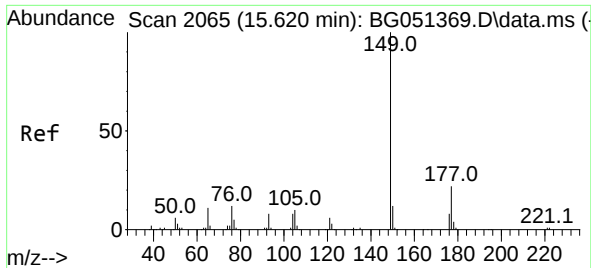
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



#56
Dibenzofuran
Concen: 9.137 ng/ul
RT: 15.224 min Scan# 1997
Delta R.T. -0.007 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

Tgt Ion:168 Resp: 66827
Ion Ratio Lower Upper
168 100
139 40.3 31.2 46.8





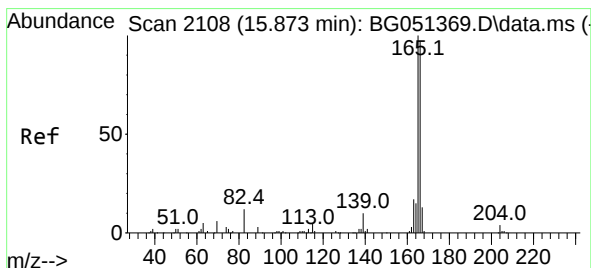
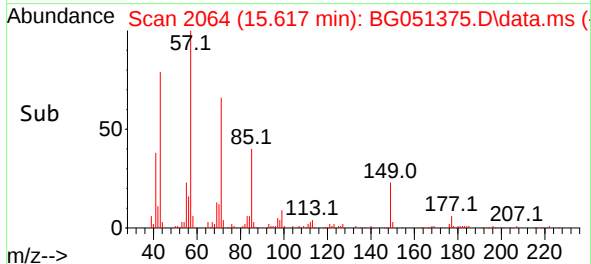
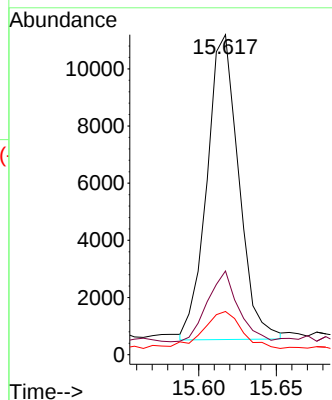
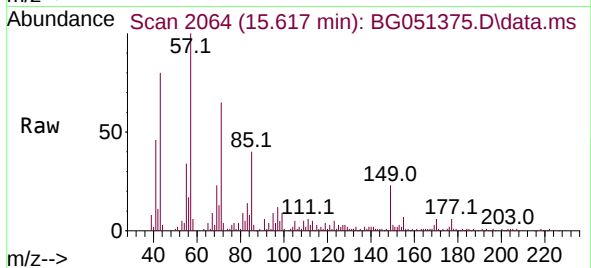
#59
Diethylphthalate
Concen: 2.321 ng/ul
RT: 15.617 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

Instrument :
BNA_G
ClientSampleId :
BGKP6ME

Tgt Ion:149 Resp: 1521
Ion Ratio Lower Upper
149 100
177 26.1 16.8 25.2
150 13.5 10.1 15.1

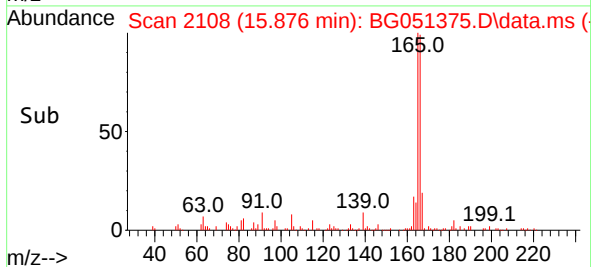
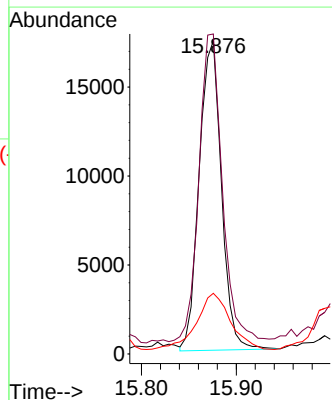
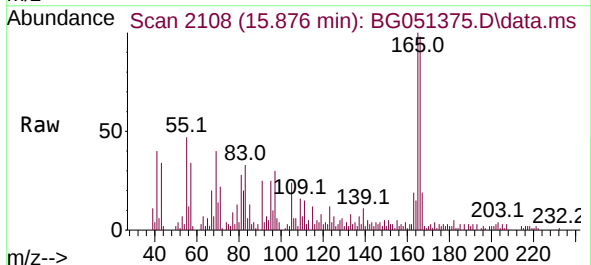
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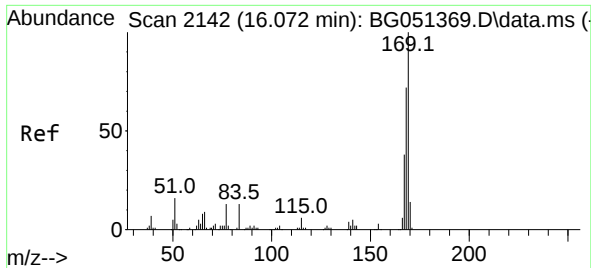
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



#61
Fluorene
Concen: 4.833 ng/ul
RT: 15.876 min Scan# 2108
Delta R.T. -0.001 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

Tgt Ion:166 Resp: 28314
Ion Ratio Lower Upper
166 100
165 102.2 81.0 121.6
167 19.4 11.0 16.4





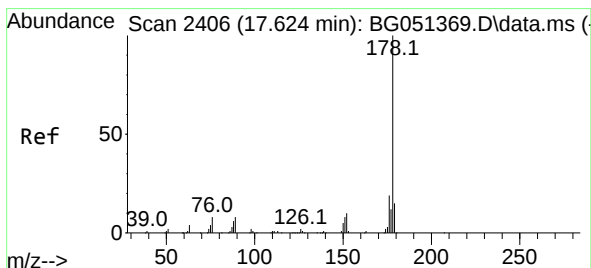
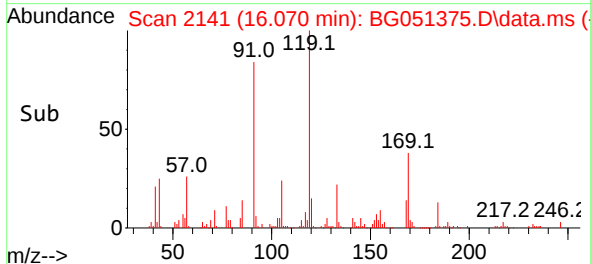
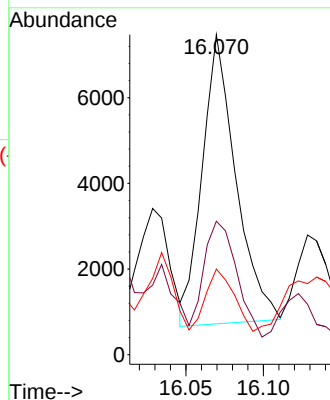
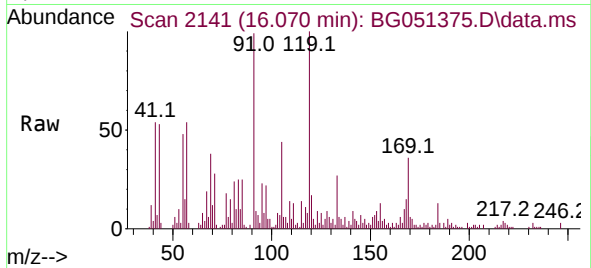
#67
N-Nitrosodiphenylamine
Concen: 2.388 ng/ul
RT: 16.070 min Scan# 2142
Delta R.T. -0.007 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

Instrument :
BNA_G
ClientSampleId :
BGKP6ME

Tgt Ion:169 Resp: 10168
Ion Ratio Lower Upper
169 100
168 41.7 58.5 87.7
167 26.8 31.3 46.9

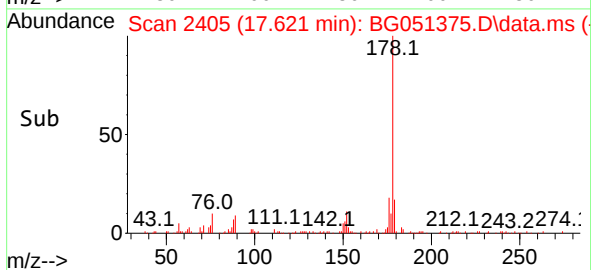
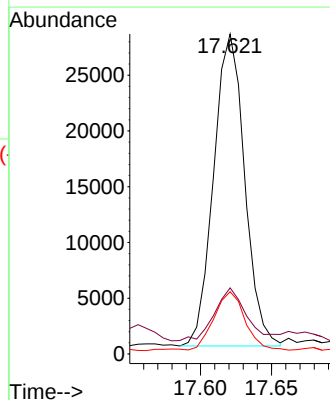
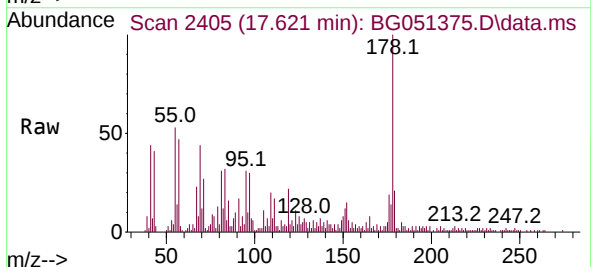
Manual Integrations
APPROVED

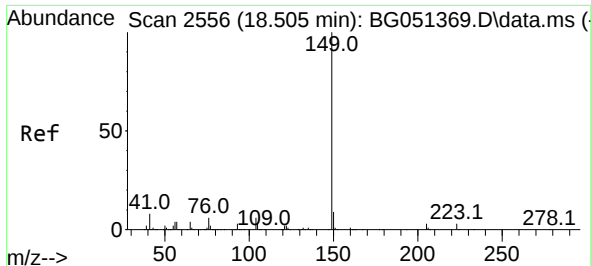
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



#72
Phenanthrene
Concen: 5.168 ng/ul
RT: 17.621 min Scan# 2405
Delta R.T. -0.001 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

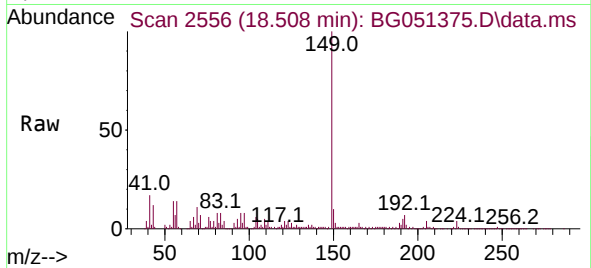
Tgt Ion:178 Resp: 42436
Ion Ratio Lower Upper
178 100
179 20.7 12.3 18.5
176 19.5 15.5 23.3





#78
Di-n-butylphthalate
Concen: 17.352 ng/ul
RT: 18.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

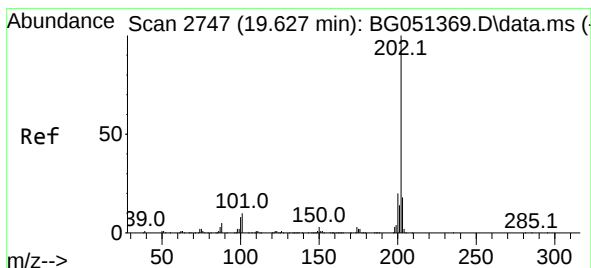
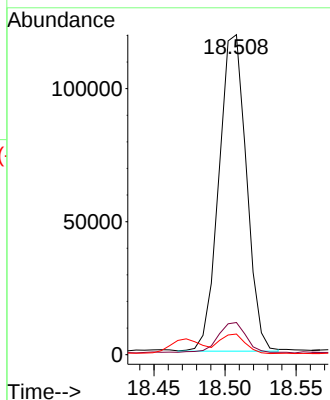
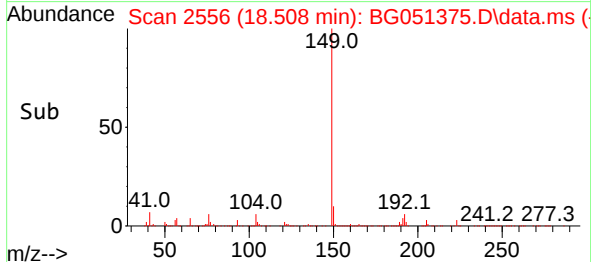
Instrument :
BNA_G
ClientSampleId :
BGKP6ME



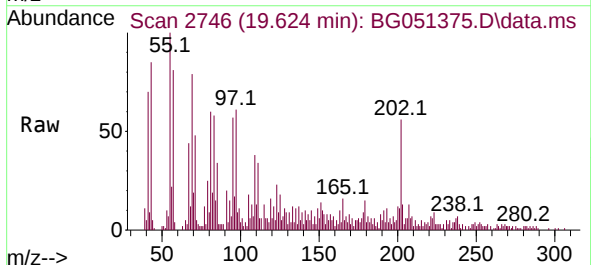
Tgt Ion:149 Resp: 16016
Ion Ratio Lower Upper
149 100
150 10.1 7.5 11.3
104 6.4 5.0 7.6

Manual Integrations
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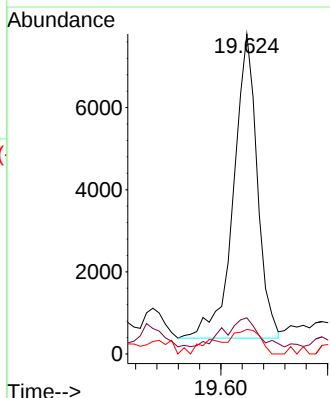
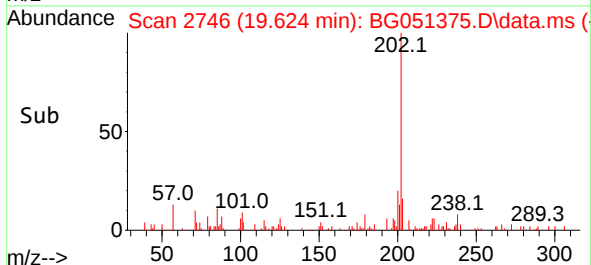
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/20/2021

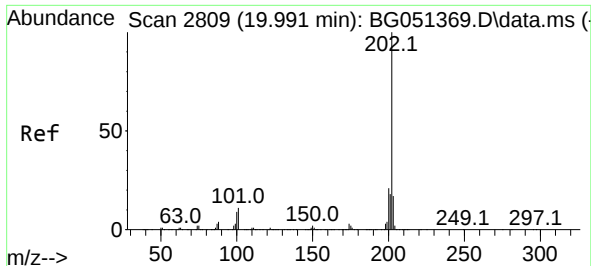


#80
Fluoranthene
Concen: 1.155 ng/ul
RT: 19.624 min Scan# 2746
Delta R.T. -0.001 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44



Tgt Ion:202 Resp: 11468
Ion Ratio Lower Upper
202 100
101 14.8 9.3 13.9#
100 7.6 7.0 10.6





#82
Pyrene
Concen: 1.131 ng/ul
RT: 19.989 min Scan# 2808
Delta R.T. -0.001 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

Instrument :

BNA_G

ClientSampleId :

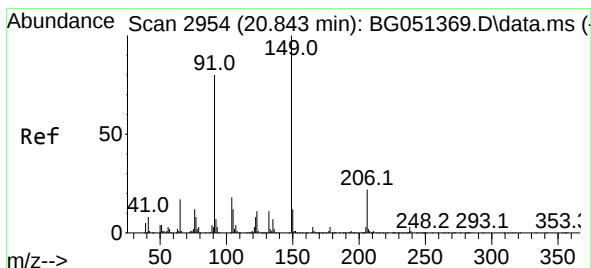
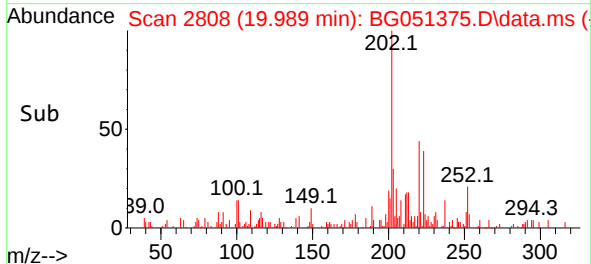
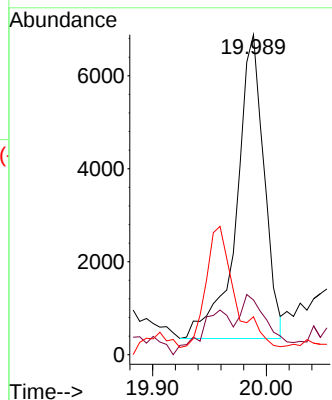
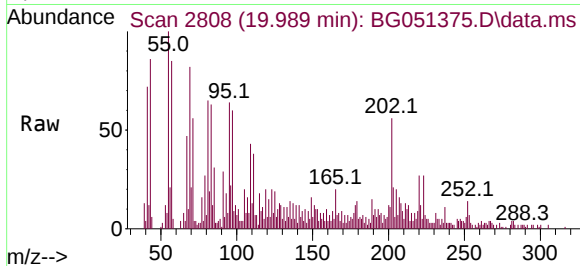
BGKP6ME

Tgt Ion:202 Resp: 10990
Ion Ratio Lower Upper
202 100
101 17.1 10.7 16.1
100 11.9 9.0 13.6

Manual Integrations

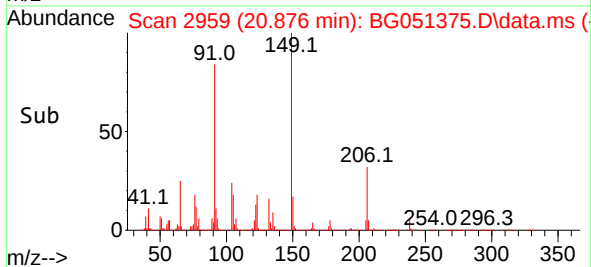
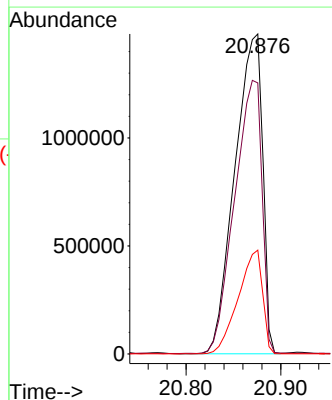
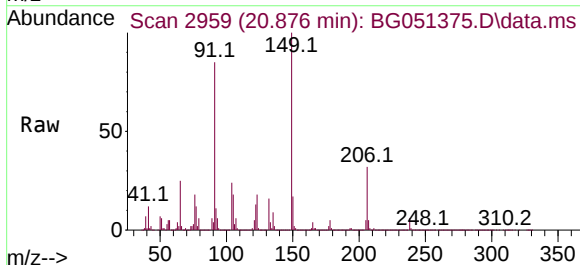
APPROVED

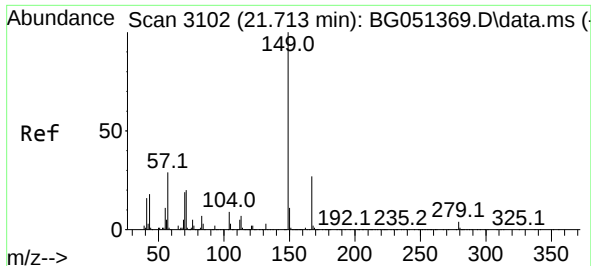
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



#83
Butylbenzylphthalate
Concen: 747.846 ng/ul
RT: 20.876 min Scan# 2959
Delta R.T. 0.029 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

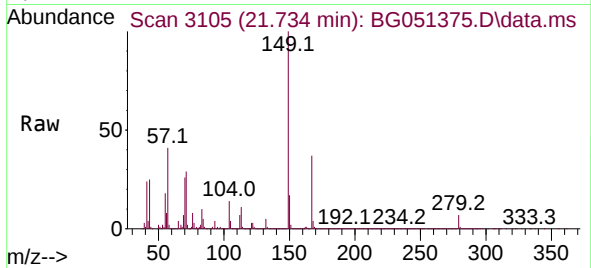
Tgt Ion:149 Resp: 3020483
Ion Ratio Lower Upper
149 100
91 84.7 65.2 97.8
206 32.4 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 528.952 ng/ul
RT: 21.734 min Scan# 3105
Delta R.T. 0.011 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

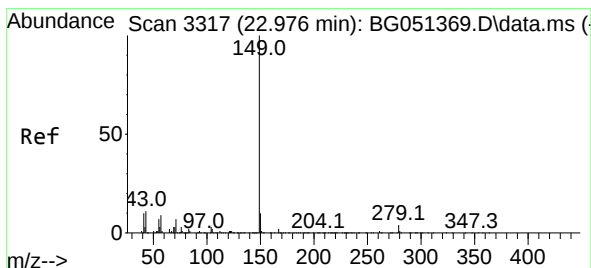
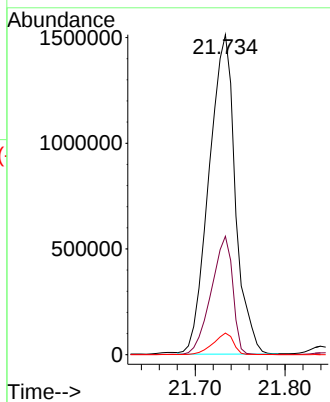
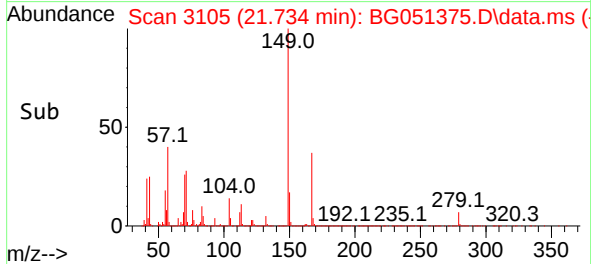
Instrument :
BNA_G
ClientSampleId :
BGKP6ME



Tgt Ion:149 Resp: 307424
Ion Ratio Lower Upper
149 100
167 37.0 21.1 31.7
279 6.7 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



#89
Di-n-octyl phthalate
Concen: 75.754 ng/ul
RT: 22.985 min Scan# 3318
Delta R.T. -0.001 min
Lab File: BG051375.D
Acq: 7 Dec 2021 8:44

Tgt Ion:149 Resp: 746459

