

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051677.D
 Acq On : 20 Dec 2021 12:03
 Operator : CG/JU
 Sample : M5171-09 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLA5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2021
 Supervised By :mohammad ahmed 12/28/2021

Quant Time: Dec 20 23:08:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.278	152	35617	20.000	ng/u1	0.00
20) Naphthalene-d8	11.127	136	137419	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.916	164	93396	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.659	188	199725	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.988	240	197988	20.000	ng/u1	# 0.00
88) Perylene-d12	25.490	264	213010	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.408	99	3139	0.987	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.590	67	1826	0.966	ng/u1	0.00
11) 2-Chlorophenol-d4	7.796	132	1682m	0.760	ng/u1	-0.01
15) 4-Methylphenol-d8	8.941	113	13589	5.528	ng/u1	-0.04
21) Nitrobenzene-d5	9.447	128	325	0.323	ng/u1	0.00
24) 2-Nitrophenol-d4	10.175	143	1167	1.060	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.733	165	2210	0.925	ng/u1	0.00
31) 4-Chloroaniline-d4	11.232	131	36349	11.559	ng/u1	0.00
46) Dimethylphthalate-d6	14.299	166	7592	1.016	ng/u1	-0.01
49) Acenaphthylene-d8	14.610	160	8362	0.901	ng/u1	0.00
54) 4-Nitrophenol-d4	15.068	143	2832	2.330	ng/u1	0.00
60) Fluorene-d10	15.897	176	6135	0.916	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.997	200	1352m	1.299	ng/u1	-0.01
73) Anthracene-d10	17.759	188	10501	1.102	ng/u1	0.00
81) Pyrene-d10	20.032	212	11330	0.951	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.243	264	10431	0.931	ng/u1	0.00
Target Compounds						
8) Phenol	7.438	94	20050	6.341	ng/u1#	68
18) 4-Methylphenol	9.035	108	8959	3.563	ng/u1	88
26) 2,4-Dimethylphenol	10.263	107	50809m	17.913	ng/u1	
30) Naphthalene	11.197	128	5391073	728.180	ng/u1#	78
32) 4-Chloroaniline	11.262	127	109120	33.982	ng/u1	98
36) 2-Methylnaphthalene	12.766	142	1008593	190.957	ng/u1	100
37) 1-Methylnaphthalene	12.977	142	439683	80.173	ng/u1	96
43) 1,1'-Biphenyl	13.747	154	165069	23.073	ng/u1#	94
52) Acenaphthene	14.974	153	95119	15.851	ng/u1	99
56) Dibenzofuran	15.309	168	133178	15.070	ng/u1	96
59) Diethylphthalate	15.703	149	84675	11.200	ng/u1	98
61) Fluorene	15.955	166	81581	11.203	ng/u1	99
72) Phenanthrene	17.700	178	169072	16.458	ng/u1#	96
74) Anthracene	17.794	178	23287m	2.244	ng/u1	
77) Carbazole	18.053	167	10977	1.181	ng/u1#	39
78) Di-n-butylphthalate	18.605	149	416528	37.244	ng/u1	99
80) Fluoranthene	19.697	202	42458	3.104	ng/u1#	19
82) Pyrene	20.062	202	43166	3.189	ng/u1#	91
83) Butylbenzylphthalate	20.996	149	8613250	1897.448	ng/u1#	75
86) Bis(2-ethylhexyl)phtha...	21.877	149	5482993	862.310	ng/u1#	55
89) Di-n-octyl phthalate	23.169	149	793363	69.150	ng/u1	100

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

Instrument :

BNA_G

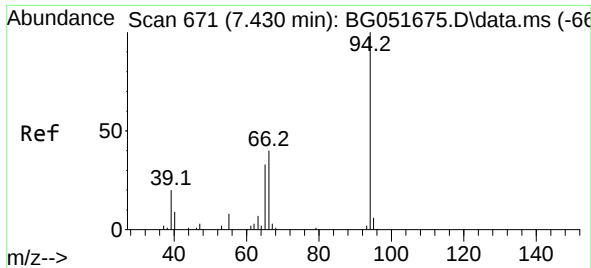
ClientSampleId :

BGLA5

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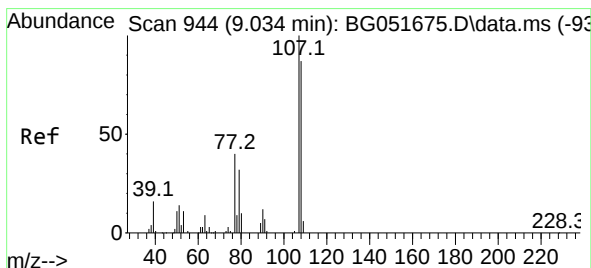
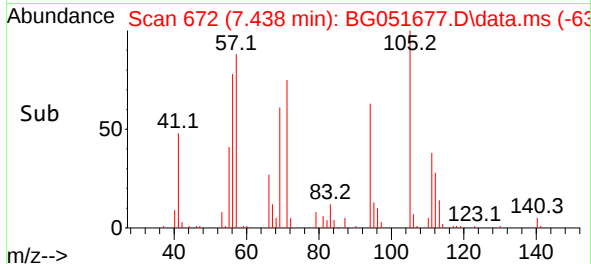
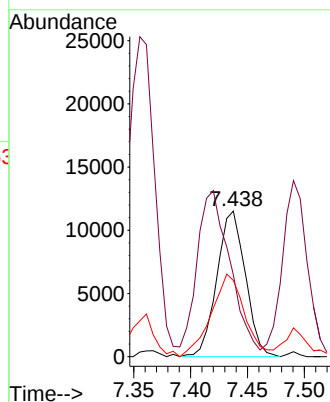
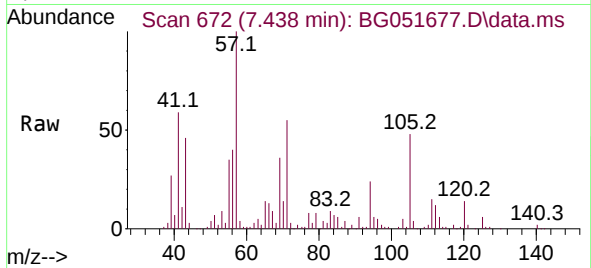
#8
Phenol
Concen: 6.341 ng/ul
RT: 7.438 min Scan# 671
Delta R.T. -0.003 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

Instrument :
BNA_G
ClientSampleId :
BGLA5

Tgt Ion: 94 Resp: 20050
Ion Ratio Lower Upper
94 100
65 56.3 25.1 37.7
66 52.4 31.6 47.4

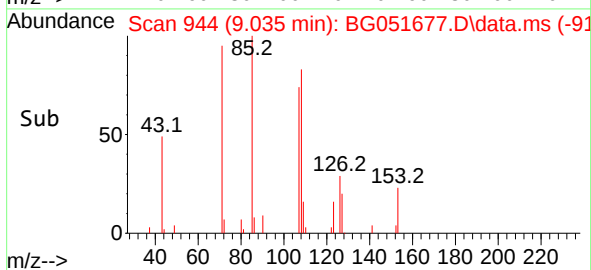
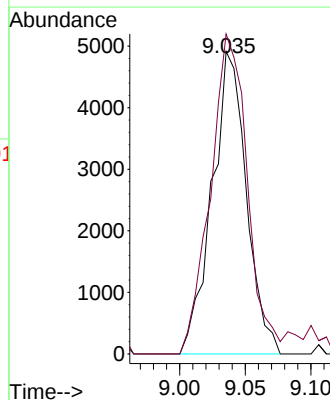
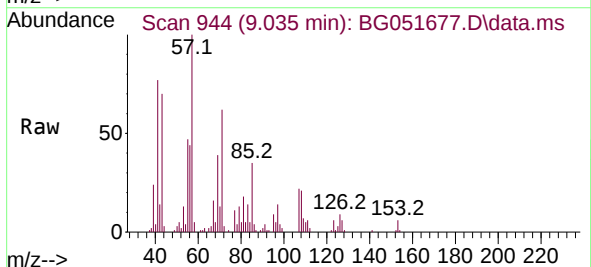
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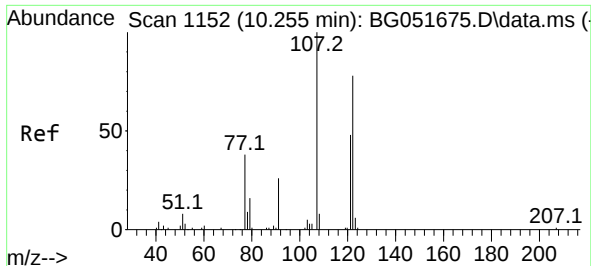
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#18
4-Methylphenol
Concen: 3.563 ng/ul
RT: 9.035 min Scan# 944
Delta R.T. -0.009 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

Tgt Ion:108 Resp: 8959
Ion Ratio Lower Upper
108 100
107 105.8 95.0 142.4





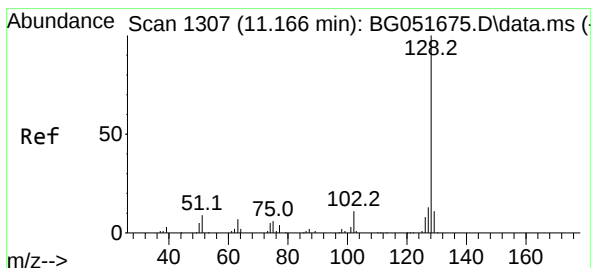
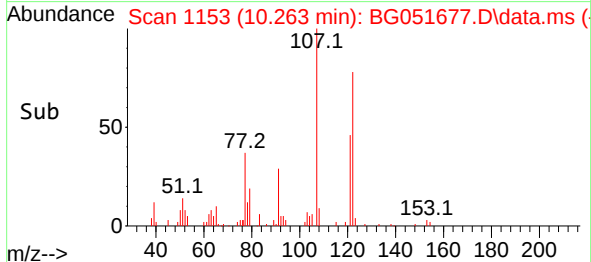
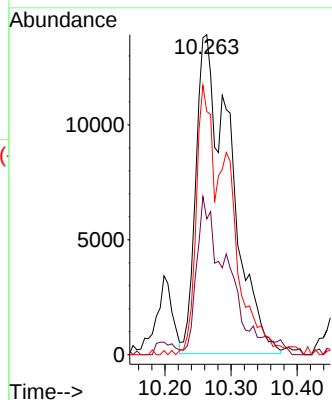
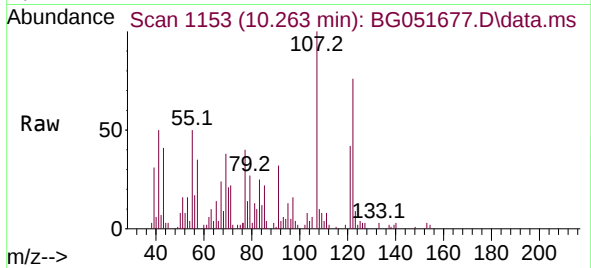
#26
2,4-Dimethylphenol
Concen: 17.913 ng/ul m
RT: 10.263 min Scan# 1153
Delta R.T. -0.003 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

Instrument :
BNA_G
ClientSampleId :
BGLA5

Tgt Ion:107 Resp: 50809
Ion Ratio Lower Upper
107 100
121 42.4 39.3 58.9
122 76.0 63.7 95.5

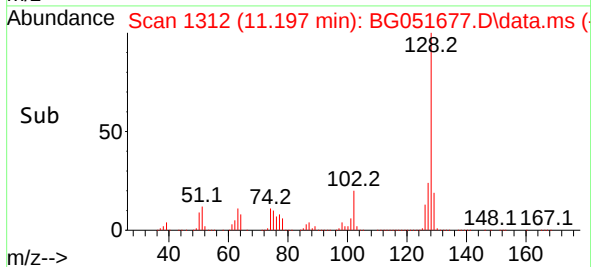
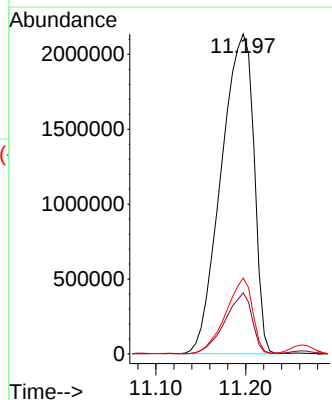
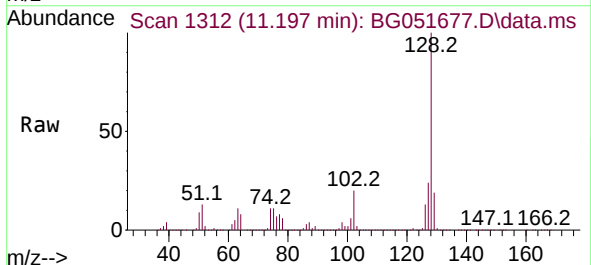
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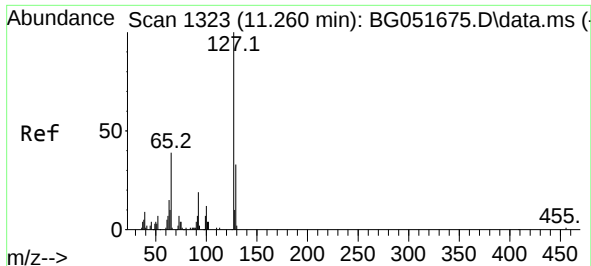
Reviewed By :Jagrut Upadhyay 12/21/2021
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#30
Naphthalene
Concen: 728.180 ng/ul
RT: 11.197 min Scan# 1312
Delta R.T. 0.020 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

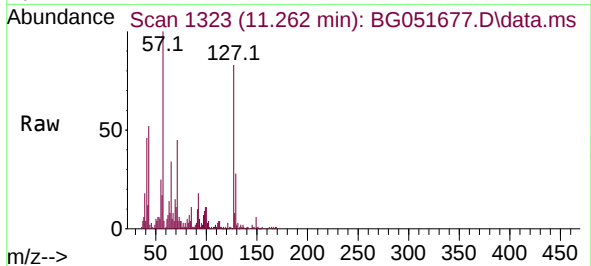
Tgt Ion:128 Resp: 5391073
Ion Ratio Lower Upper
128 100
129 19.1 8.5 12.7#
127 23.7 11.8 17.6#





#32
4-Chloroaniline
Concen: 33.982 ng/ul
RT: 11.262 min Scan# 1120
Delta R.T. -0.009 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

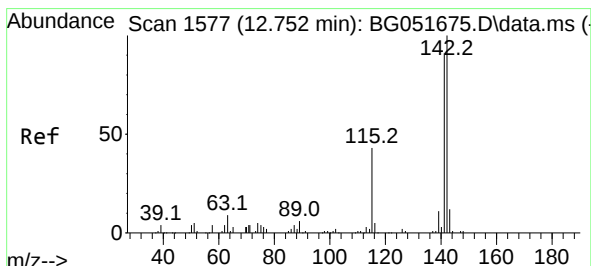
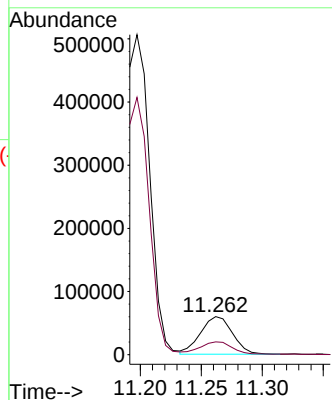
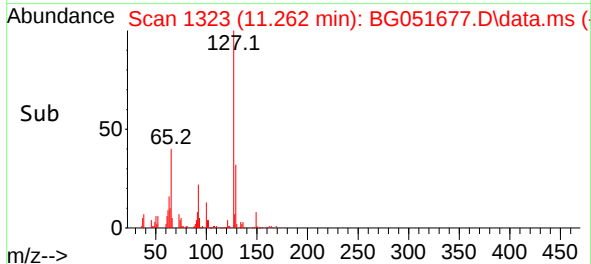
Instrument :
BNA_G
ClientSampleId :
BGLA5



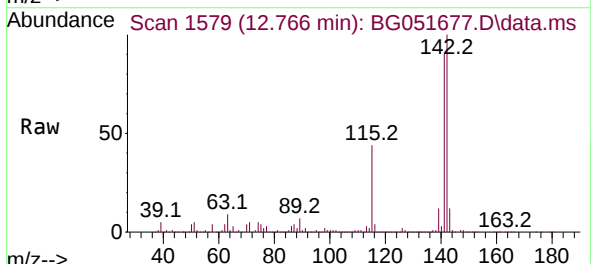
Tgt Ion:127 Resp: 109120
Ion Ratio Lower Upper
127 100
129 33.5 26.2 39.2

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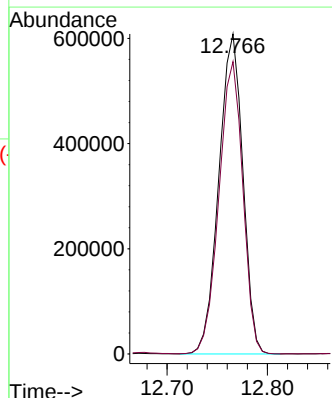
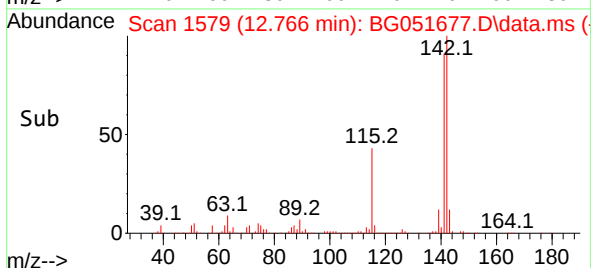
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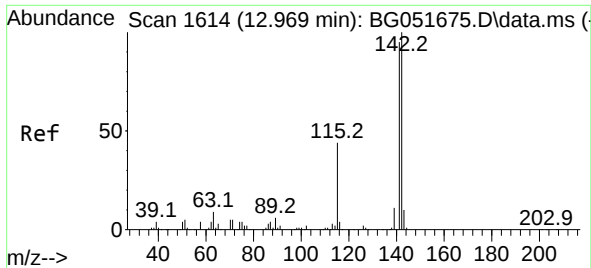


#36
2-Methylnaphthalene
Concen: 190.957 ng/ul
RT: 12.766 min Scan# 1579
Delta R.T. -0.003 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03



Tgt Ion:142 Resp: 1008593
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9





#37

1-Methylnaphthalene

Concen: 80.173 ng/ul

RT: 12.977 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG051677.D

Acq: 20 Dec 2021 12:03

Instrument :

BNA_G

ClientSampleId :

BGLA5

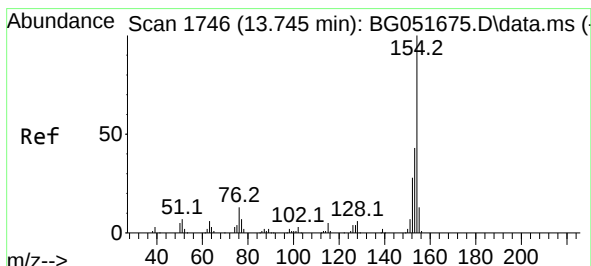
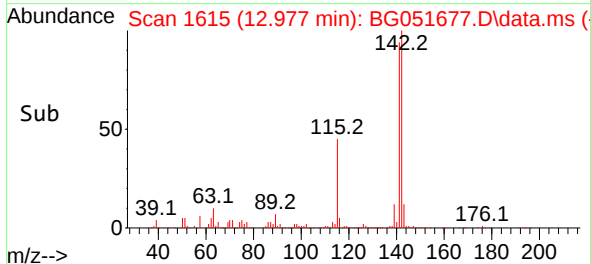
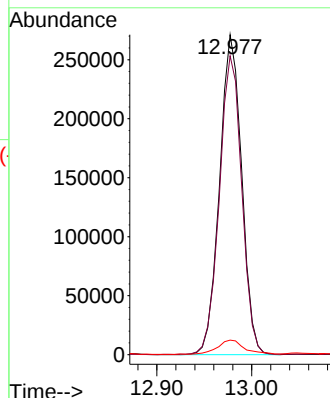
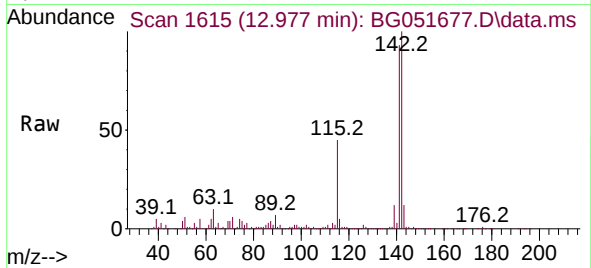
Tgt Ion:142 Resp: 43968

Ion	Ratio	Lower	Upper
142	100		
141	93.4	77.8	116.8
116	4.5	3.3	4.9

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 23.073 ng/ul

RT: 13.747 min Scan# 1746

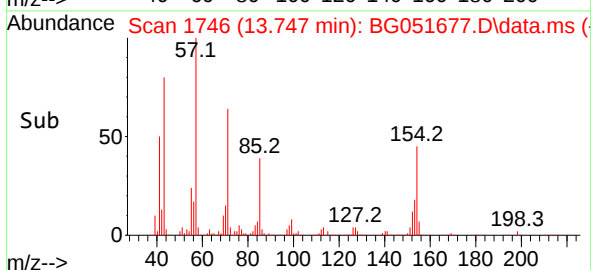
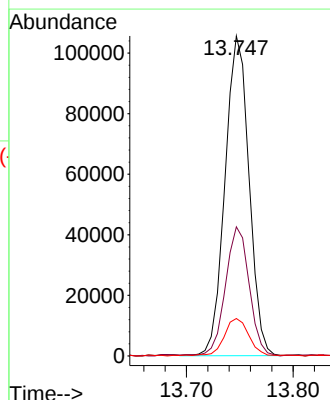
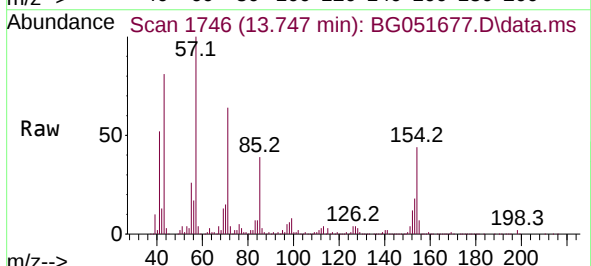
Delta R.T. -0.009 min

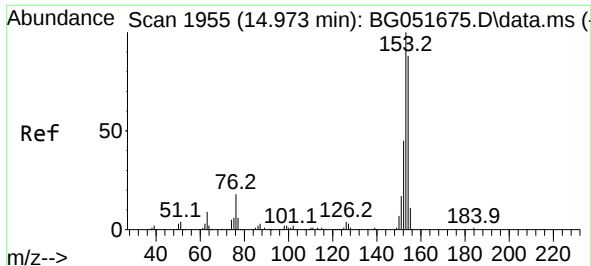
Lab File: BG051677.D

Acq: 20 Dec 2021 12:03

Tgt Ion:154 Resp: 165069

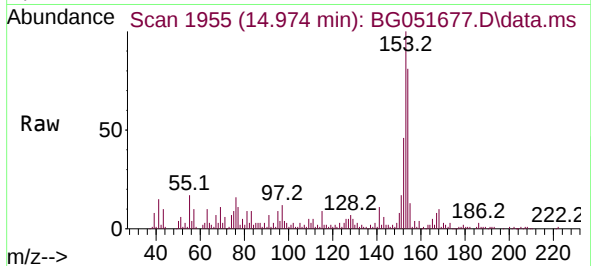
Ion	Ratio	Lower	Upper
154	100		
153	40.3	34.5	51.7
76	11.7	13.1	19.7





#52
Acenaphthene
Concen: 15.851 ng/ul
RT: 14.974 min Scan# 1955
Delta R.T. -0.009 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

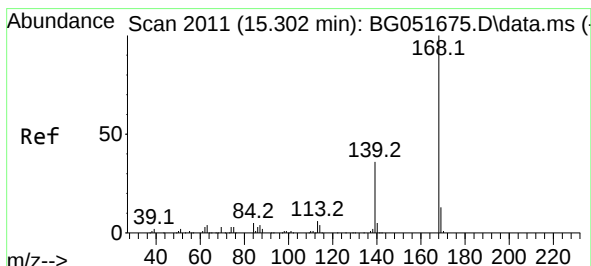
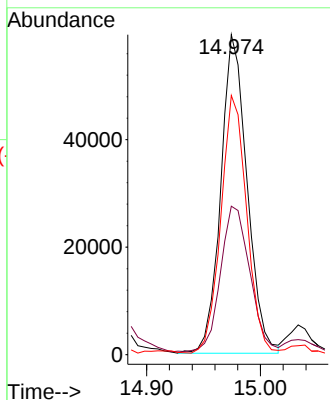
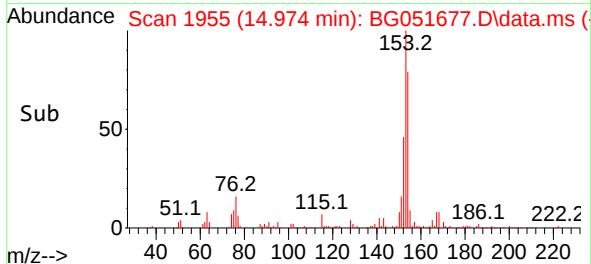
Instrument :
BNA_G
ClientSampleId :
BGLA5



Tgt Ion:153 Resp: 95119
Ion Ratio Lower Upper
153 100
152 46.4 36.5 54.7
154 81.0 65.8 98.6

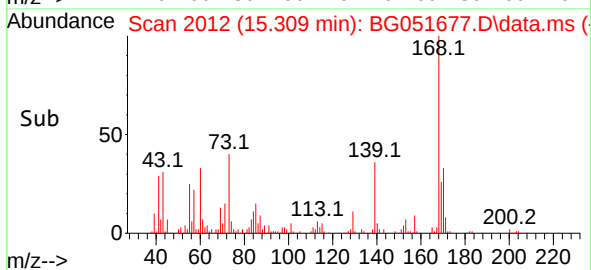
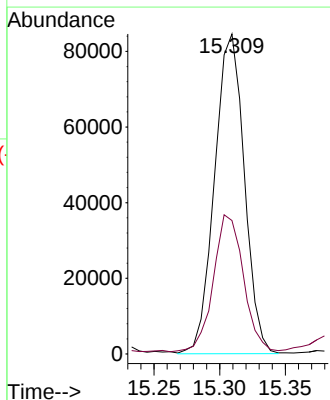
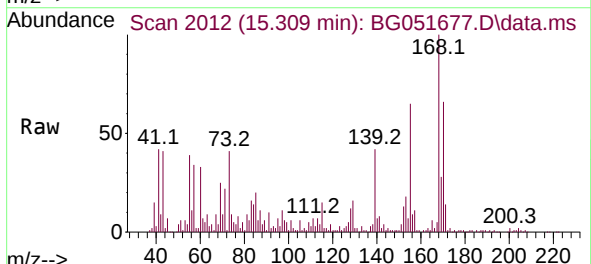
Manual Integrations
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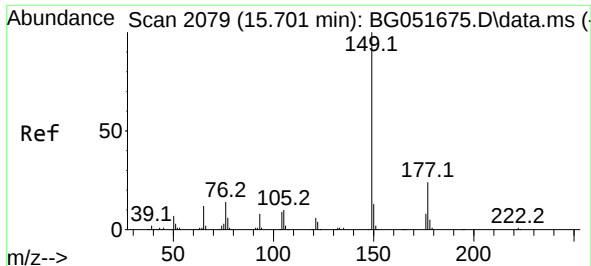
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#56
Dibenzofuran
Concen: 15.070 ng/ul
RT: 15.309 min Scan# 2012
Delta R.T. -0.009 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

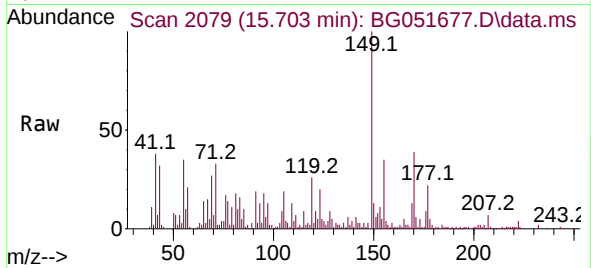
Tgt Ion:168 Resp: 133178
Ion Ratio Lower Upper
168 100
139 41.7 31.2 46.8





#59
Diethylphthalate
Concen: 11.200 ng/ul
RT: 15.703 min Scan# 2079
Delta R.T. -0.015 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

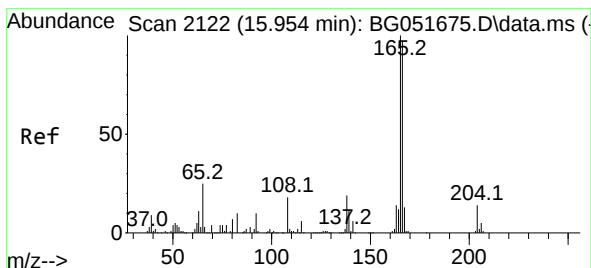
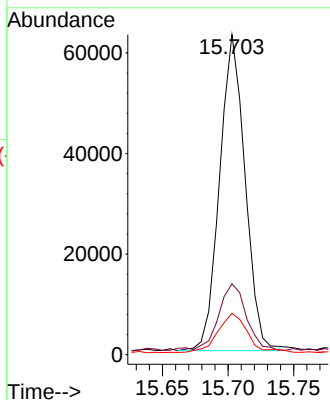
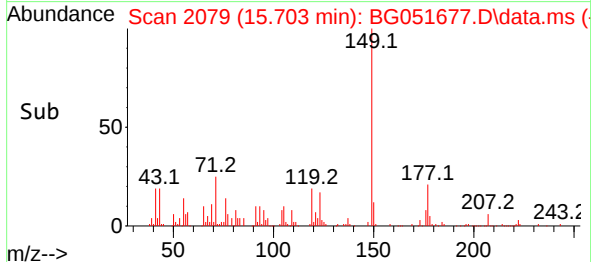
Instrument :
BNA_G
ClientSampleId :
BGLA5



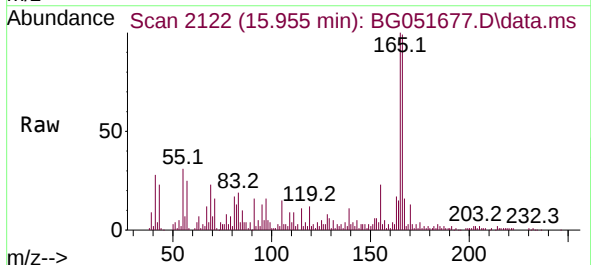
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Ion Ratio Lower Upper
149 100
177 22.2 16.8 25.2
150 12.9 10.1 15.1

Manual Integrations
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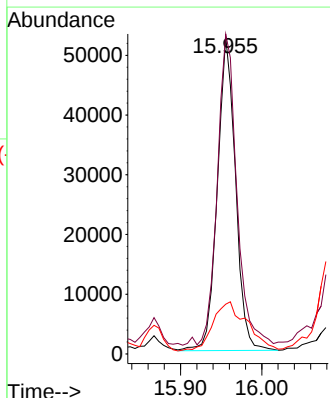
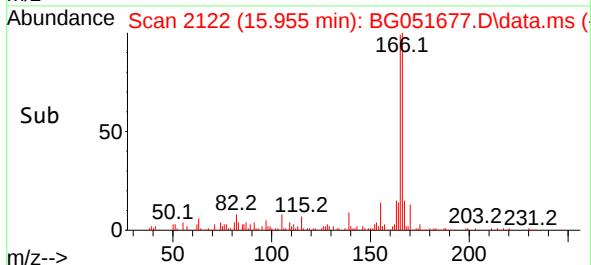
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

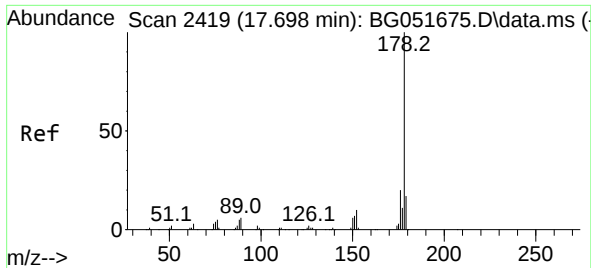


#61
Fluorene
Concen: 11.203 ng/ul
RT: 15.955 min Scan# 2122
Delta R.T. -0.009 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03



Tgt Ion:166 Resp: 81581
Ion Ratio Lower Upper
166 100
165 100.8 81.0 121.6
167 15.7 11.0 16.4





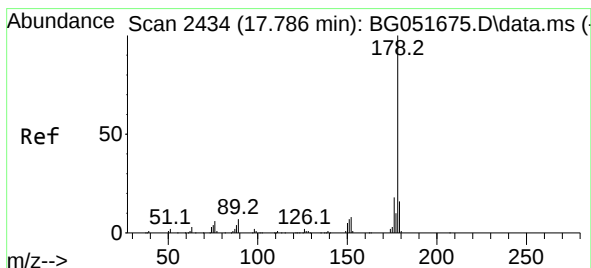
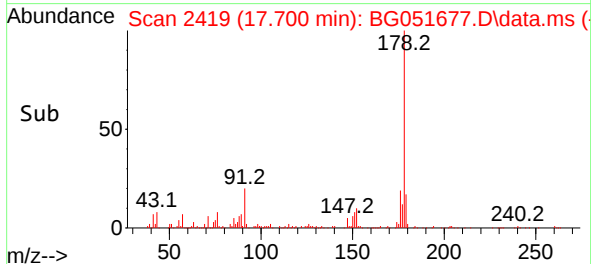
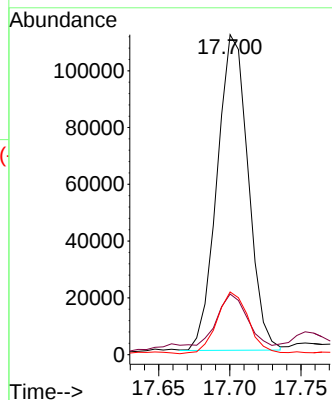
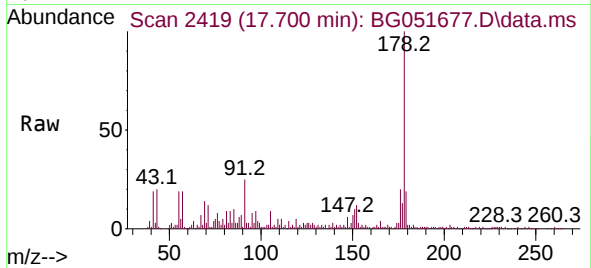
#72
Phenanthrene
Concen: 16.458 ng/u1
RT: 17.700 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

Instrument :
BNA_G
ClientSampleId :
BGLA5

Tgt Ion:178 Resp: 169072
Ion Ratio Lower Upper
178 100
179 18.9 12.3 18.5
176 19.6 15.5 23.3

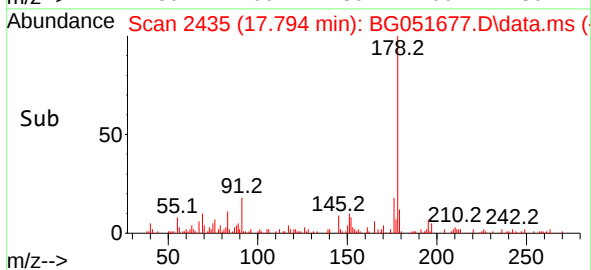
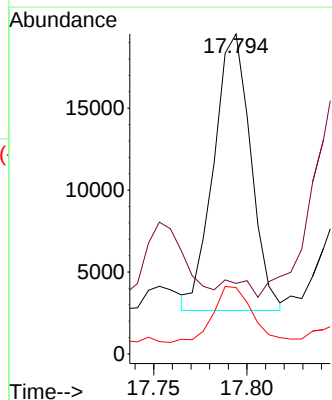
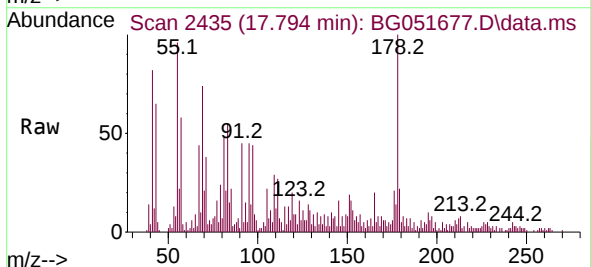
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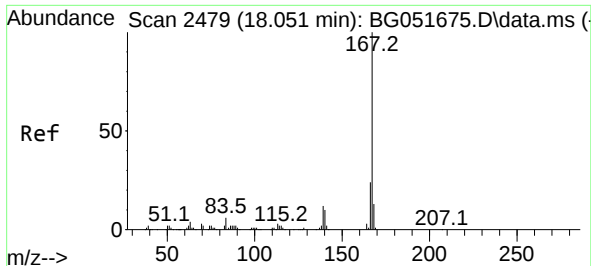
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#74
Anthracene
Concen: 2.244 ng/u1 m
RT: 17.794 min Scan# 2435
Delta R.T. -0.003 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

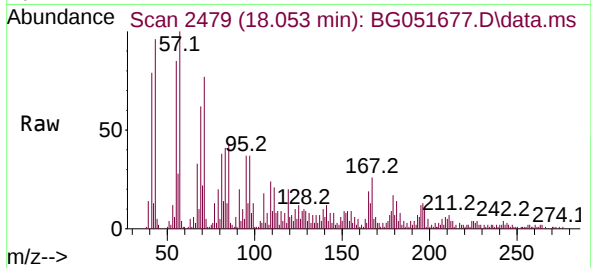
Tgt Ion:178 Resp: 23287
Ion Ratio Lower Upper
178 100
179 22.1 13.0 19.6#
176 20.7 15.6 23.4





#77
 Carbazole
 Concen: 1.181 ng/ul
 RT: 18.053 min Scan# 2479
 Delta R.T. -0.009 min
 Lab File: BG051677.D
 Acq: 20 Dec 2021 12:03

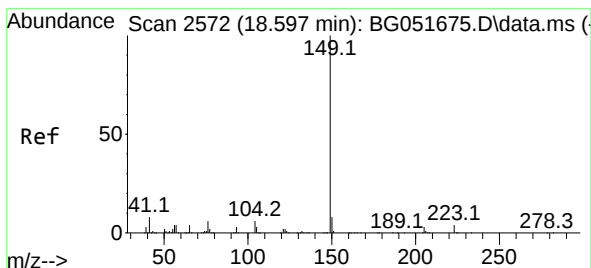
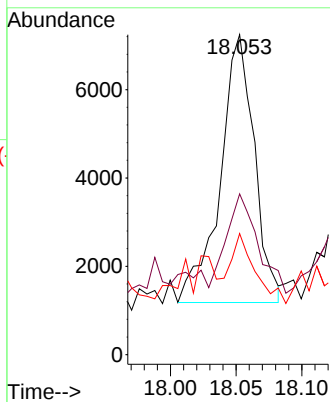
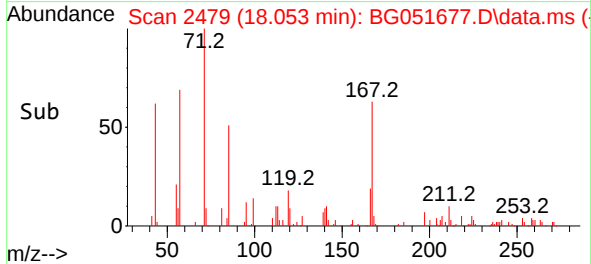
Instrument :
 BNA_G
 ClientSampleId :
 BGLA5



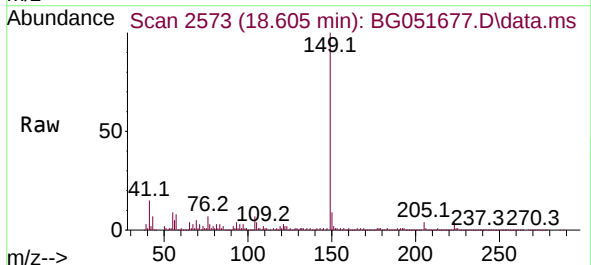
Tgt Ion:167 Resp: 1097
 Ion Ratio Lower Upper
 167 100
 166 50.2 17.3 25.9
 139 37.8 10.6 16.0

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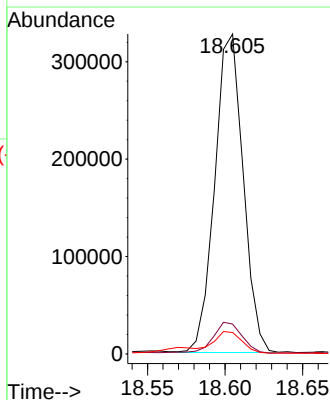
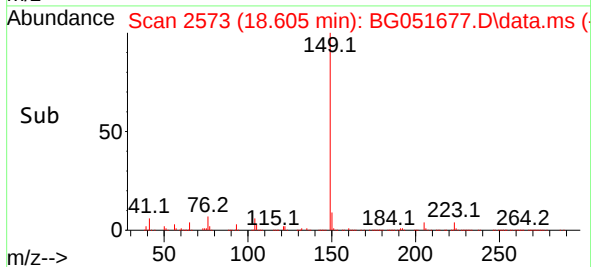
Reviewed By :Jagrut Upadhyay 12/21/2021
 Supervised By :mohammad ahmed 12/28/2021

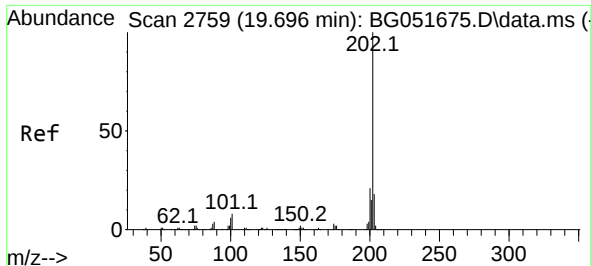


#78
 Di-n-butylphthalate
 Concen: 37.244 ng/ul
 RT: 18.605 min Scan# 2573
 Delta R.T. -0.009 min
 Lab File: BG051677.D
 Acq: 20 Dec 2021 12:03



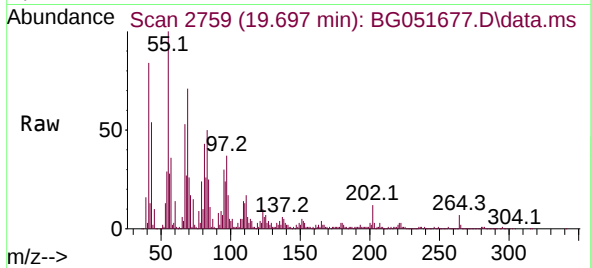
Tgt Ion:149 Resp: 416528
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 6.7 5.0 7.6





#80
Fluoranthene
Concen: 3.104 ng/uI
RT: 19.697 min Scan# 2759
Delta R.T. -0.009 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

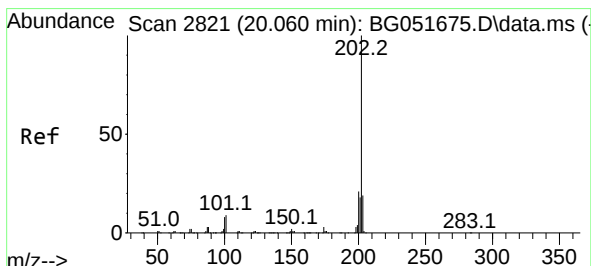
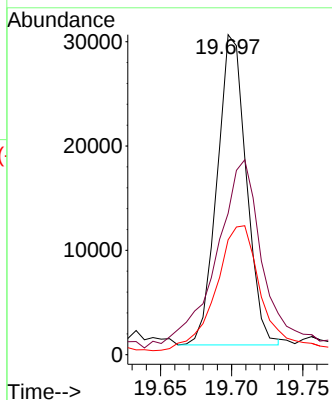
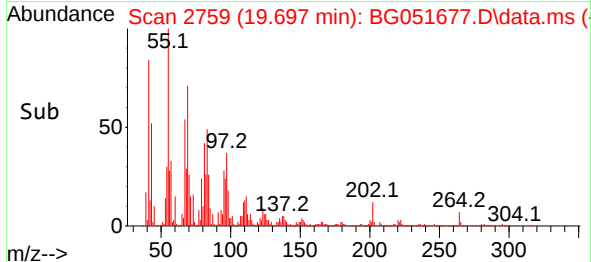
Instrument :
BNA_G
ClientSampleId :
BGLA5



Tgt Ion:202 Resp: 42458
Ion Ratio Lower Upper
202 100
101 44.2 9.3 13.9#
100 35.9 7.0 10.6#

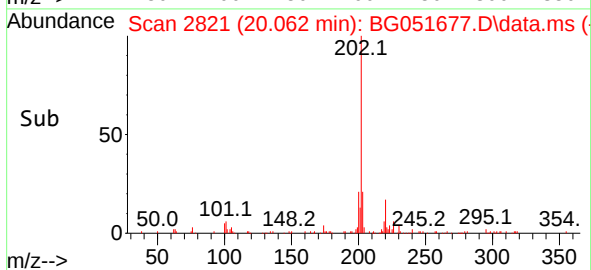
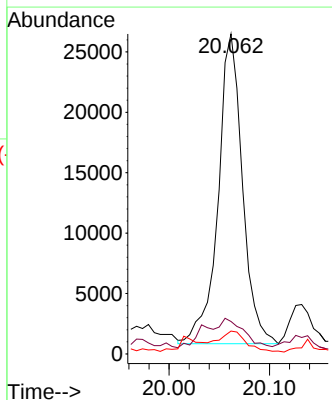
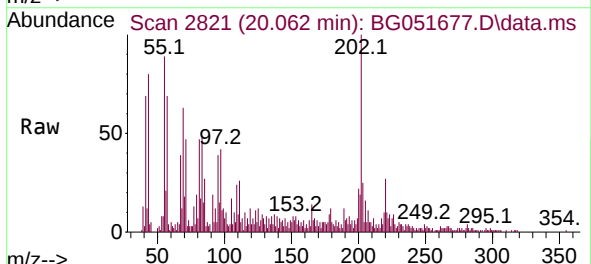
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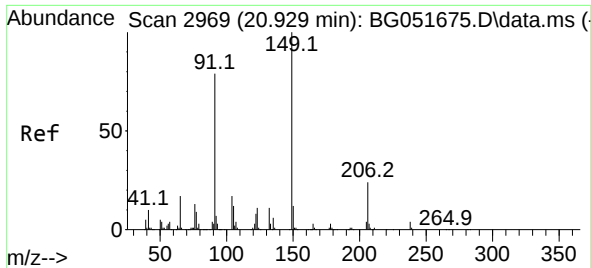
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021



#82
Pyrene
Concen: 3.189 ng/uI
RT: 20.062 min Scan# 2821
Delta R.T. -0.003 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

Tgt Ion:202 Resp: 43166
Ion Ratio Lower Upper
202 100
101 10.2 10.7 16.1#
100 7.1 9.0 13.6#





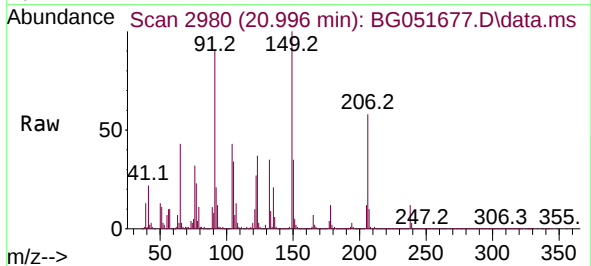
#83
Butylbenzylphthalate
Concen: 1897.448 ng/ul
RT: 20.996 min Scan# 2969
Delta R.T. 0.050 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

Instrument :

BNA_G

ClientSampleId :

BGLA5

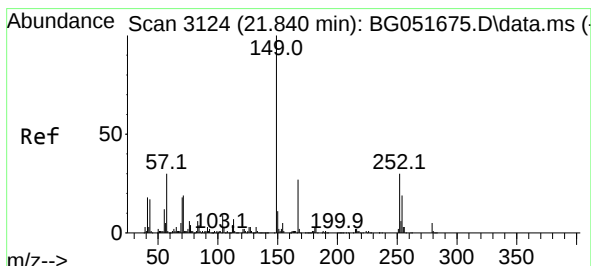
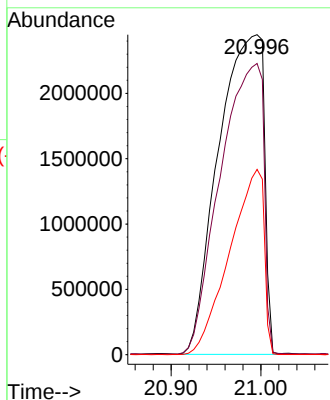
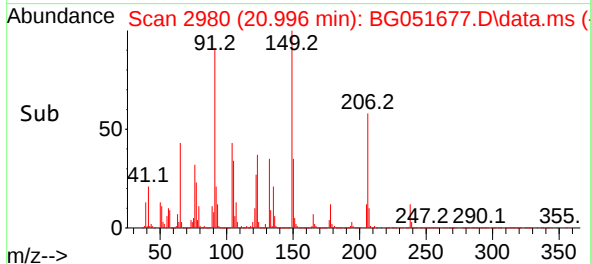


Tgt Ion:149 Resp: 8613250
Ion Ratio Lower Upper
149 100
91 91.0 65.2 97.8
206 57.9 16.2 24.2

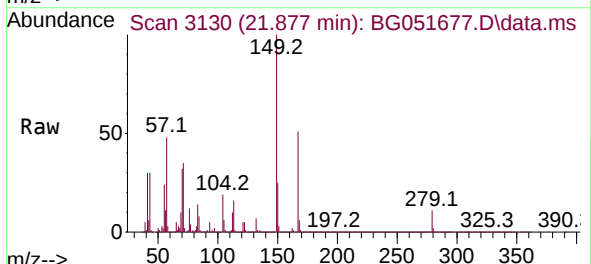
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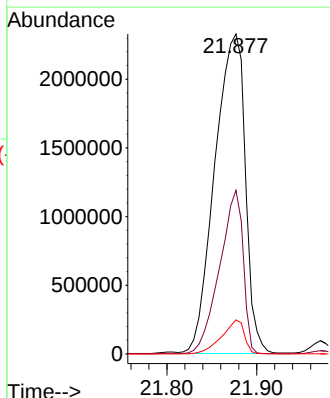
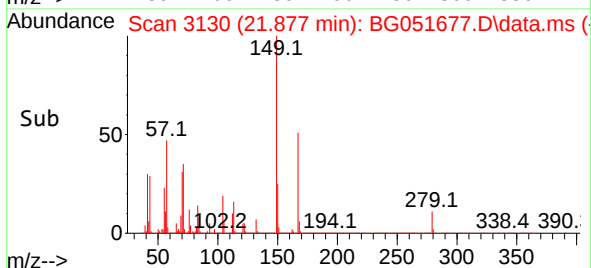
Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

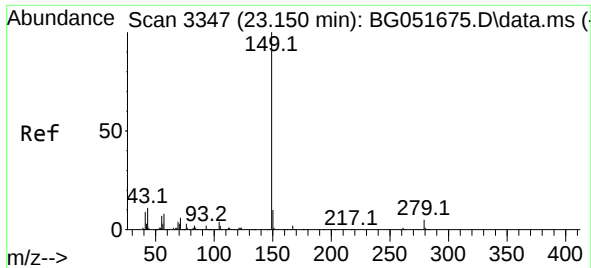


#86
Bis(2-ethylhexyl)phthalate
Concen: 862.310 ng/ul
RT: 21.877 min Scan# 3130
Delta R.T. 0.009 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03



Tgt Ion:149 Resp: 5482993
Ion Ratio Lower Upper
149 100
167 51.1 21.1 31.7#
279 10.7 2.7 4.1#





#89
Di-n-octyl phthalate
Concen: 69.150 ng/ul
RT: 23.169 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG051677.D
Acq: 20 Dec 2021 12:03

Instrument :
BNA_G
ClientSampleId :
BGLA5

Tgt Ion:149 Resp: 79336

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/21/2021
Supervised By :mohammad ahmed 12/28/2021

