

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051357.D
 Acq On : 6 Dec 2021 19:46
 Operator : CG/JU
 Sample : M4942-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ9

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 23:59:47 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	8.193	152	26937	20.000	ng/u1	0.00
20) Naphthalene-d8	11.019	136	117699	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.827	164	78729	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.576	188	156472	20.000	ng/u1	0.00
79) Chrysene-d12	21.877	240	139718	20.000	ng/u1	0.00
88) Perylene-d12	25.285	264	142183	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	2804	3.617	ng/uL	-0.02
4) Pyridine-d5	3.963	84	31972	14.056	ng/u1	-0.02
7) Phenol-d5	7.353	99	55132	20.709	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.506	67	35703	21.353	ng/u1	0.00
11) 2-Chlorophenol-d4	7.723	132	41902	21.857	ng/u1	0.00
15) 4-Methylphenol-d8	8.910	113	45825	21.330	ng/u1	0.00
21) Nitrobenzene-d5	9.368	128	22708	22.855	ng/u1	0.00
24) 2-Nitrophenol-d4	10.097	143	25880	23.091	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.649	165	42291	22.240	ng/u1	0.00
31) 4-Chloroaniline-d4	11.160	131	35776	12.858	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	135197	22.318	ng/u1	0.00
49) Acenaphthylene-d8	14.521	160	172809	22.623	ng/u1	0.00
54) 4-Nitrophenol-d4	15.056	143	19790	20.183	ng/u1	0.00
60) Fluorene-d10	15.814	176	116541	21.364	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.955	200	13258	13.731	ng/u1	0.00
73) Anthracene-d10	17.676	188	177486	23.717	ng/u1	0.00
81) Pyrene-d10	19.956	212	186537	22.065	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.050	264	169413	22.310	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.388	94	3531	1.280	ng/u1#	19
13) 2-Methylphenol	8.646	108	7871	3.831	ng/u1	88
26) 2,4-Dimethylphenol	10.179	107	38315m	16.143	ng/u1	
30) Naphthalene	11.072	128	370547	57.860	ng/u1	98
32) 4-Chloroaniline	11.184	127	8986	3.217	ng/u1	92
36) 2-Methylnaphthalene	12.664	142	282477	64.847	ng/u1	100
37) 1-Methylnaphthalene	12.882	142	105149	23.462	ng/u1#	97
39) 1,2,4,5-Tetrachloroben...	13.023	216	2598	1.051	ng/u1#	85
43) 1,1'-Biphenyl	13.657	154	54954	9.345	ng/u1	99
52) Acenaphthene	14.891	153	34316	6.895	ng/u1	98
56) Dibenzofuran	15.220	168	55959	7.795	ng/u1	99
59) Diethylphthalate	15.620	149	8523	1.324	ng/u1#	91
61) Fluorene	15.872	166	21884	3.806	ng/u1#	92
67) N-Nitrosodiphenylamine	16.072	169	36836	8.223	ng/u1	93
72) Phenanthrene	17.617	178	65644	7.598	ng/u1	97
77) Carbazole	17.988	167	24805	3.294	ng/u1#	85
80) Fluoranthene	19.621	202	15311	1.475	ng/u1	99
82) Pyrene	19.985	202	14693	1.447	ng/u1#	96
83) Butylbenzylphthalate	20.843	149	267398	63.325	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.736	149	3998542	658.053	ng/u1#	76
89) Di-n-octyl phthalate	22.994	149	1454287	141.184	ng/u1	100

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

Instrument :

BNA_G

ClientSampleId :

BGKQ9

Manual Integrations**APPROVED**

Reviewed By :Jagrut Upadhyay 12/07/2021

Supervised By :mohammad ahmed 12/07/2021

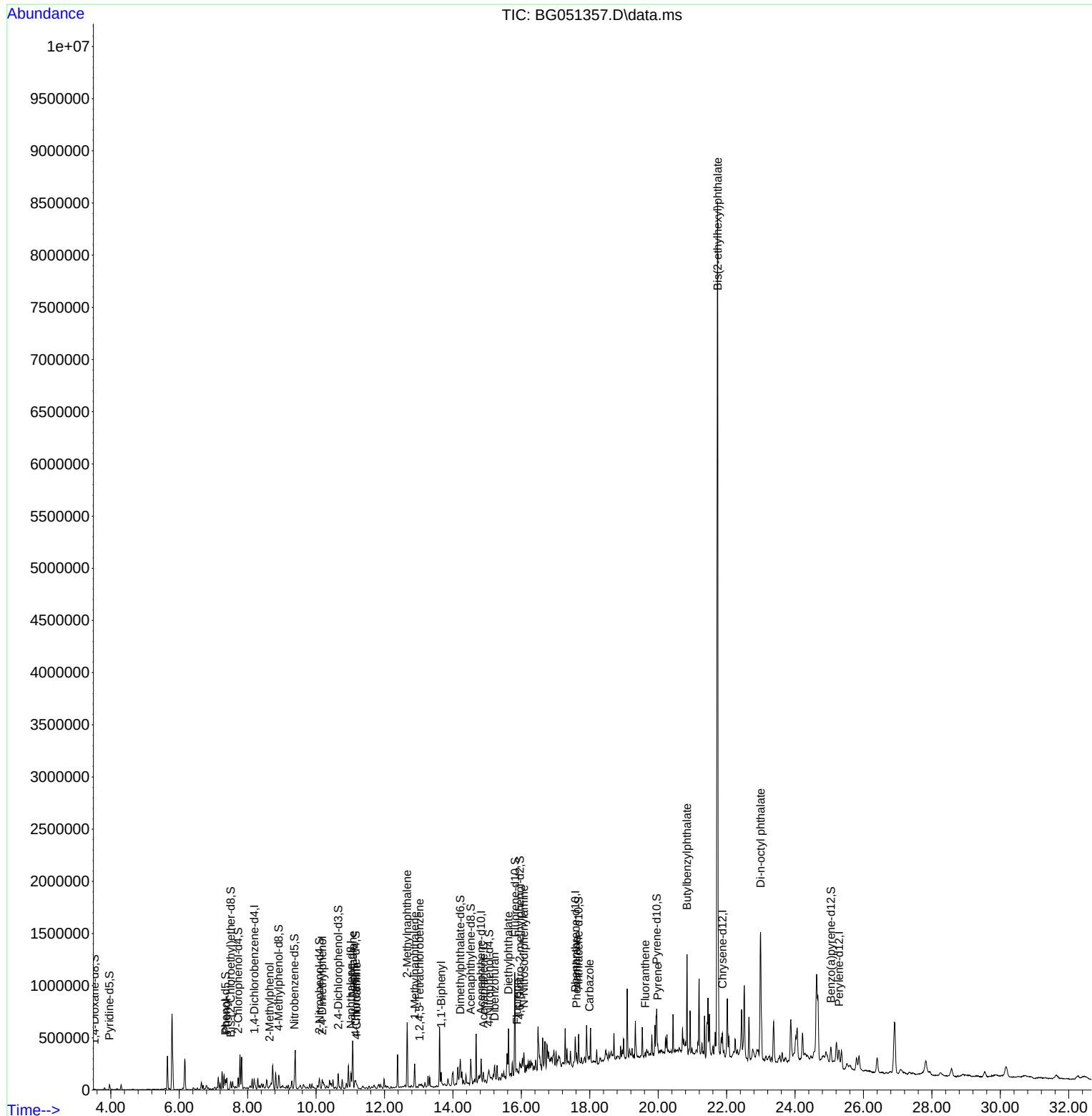
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051357.D
Acq On : 6 Dec 2021 19:46
Operator : CG/JU
Sample : M4942-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

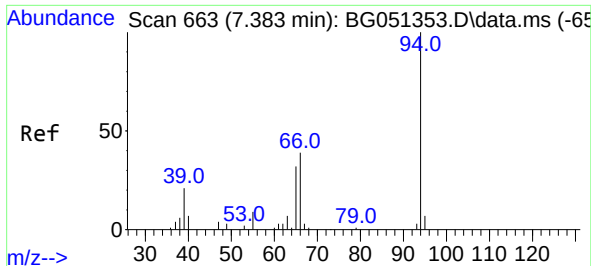
Instrument :
BNA_G
ClientSampleId :
BGKQ9

Quant Time: Dec 06 23:59:47 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

Manual Integrations
APPROVED

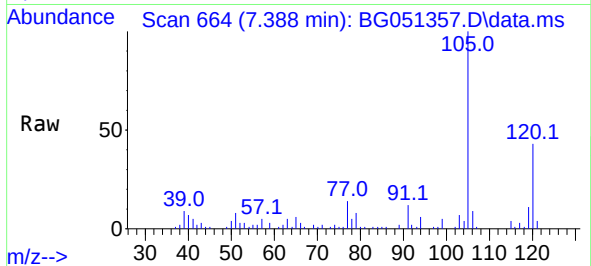
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021





#8
Phenol
Concen: 1.280 ng/ul
RT: 7.388 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

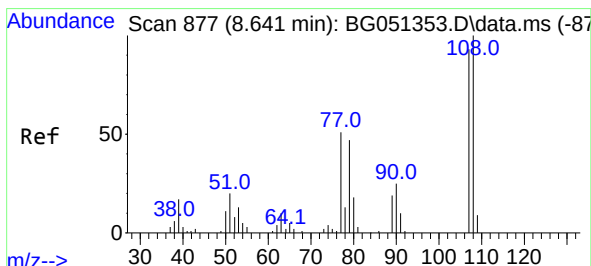
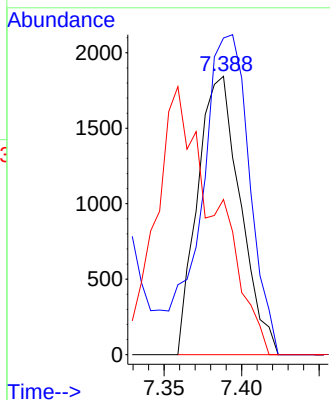
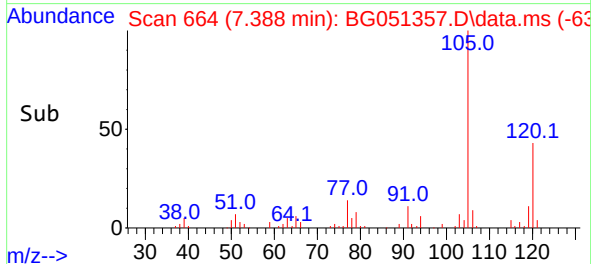
Instrument :
BNA_G
ClientSampleId :
BGKQ9



Tgt Ion: 94 Resp: 353
Ion Ratio Lower Upper
94 100
65 113.8 25.1 37.7
66 55.7 31.6 47.4

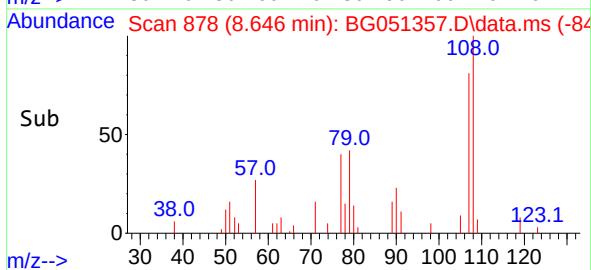
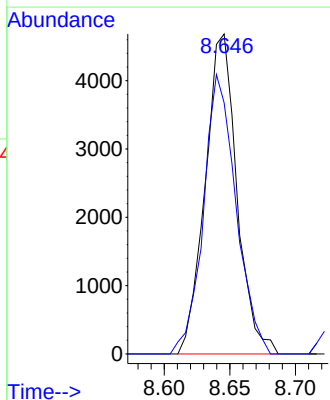
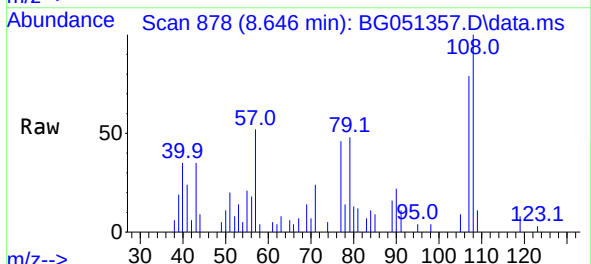
Manual Integrations
APPROVED

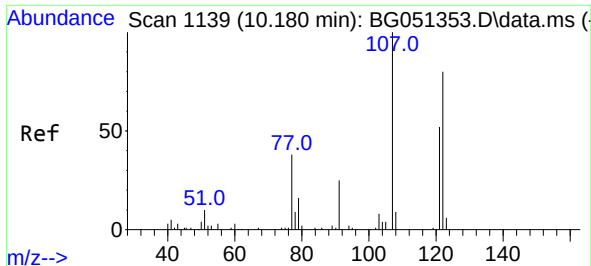
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#13
2-Methylphenol
Concen: 3.831 ng/ul
RT: 8.646 min Scan# 878
Delta R.T. 0.002 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

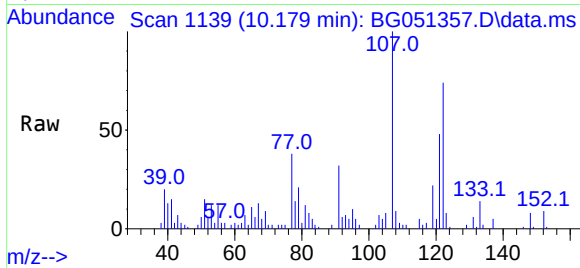
Tgt Ion:108 Resp: 7871
Ion Ratio Lower Upper
108 100
107 78.5 71.8 107.6





#26
2,4-Dimethylphenol
Concen: 16.143 ng/ul m
RT: 10.179 min Scan# 1139
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

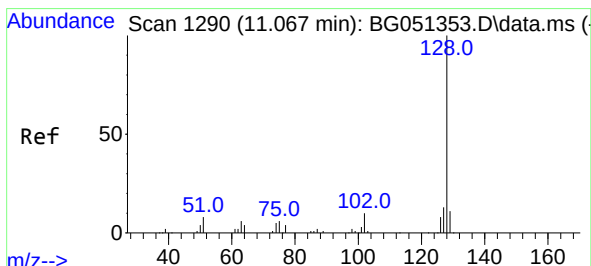
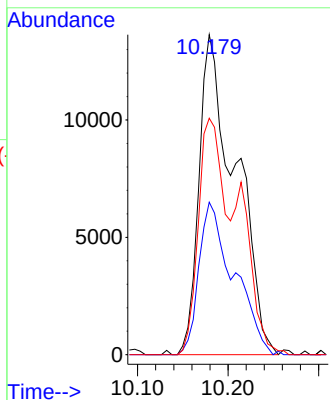
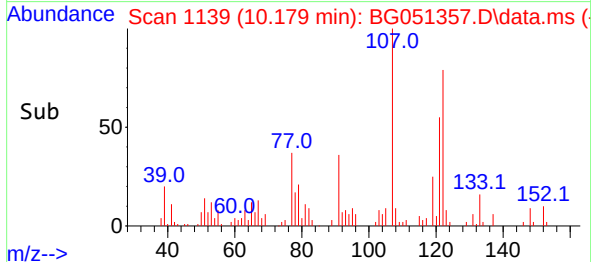
Instrument :
BNA_G
ClientSampleId :
BGKQ9



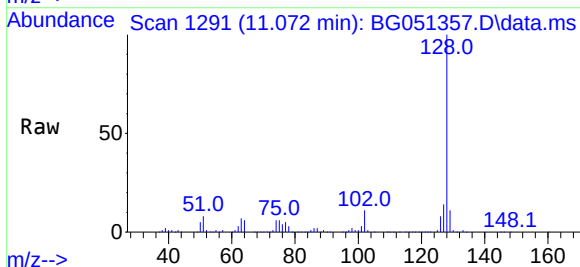
Tgt Ion:107 Resp: 3831
Ion Ratio Lower Upper
107 100
121 47.6 39.3 58.9
122 73.9 63.7 95.5

Manual Integrations
APPROVED

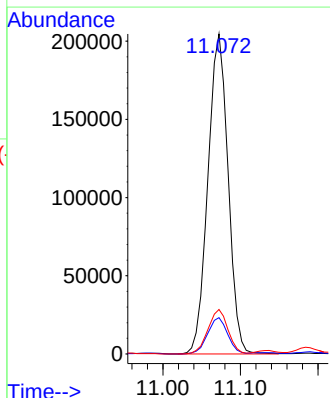
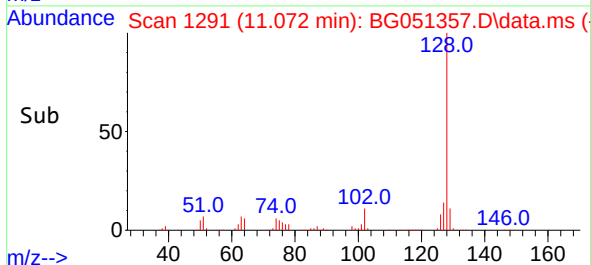
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021

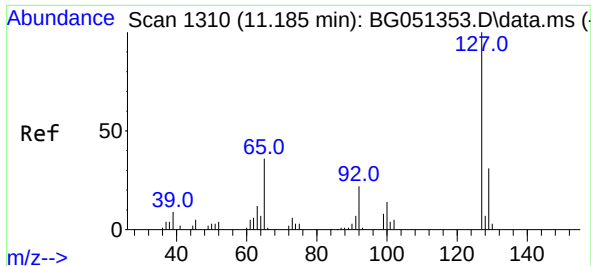


#30
Naphthalene
Concen: 57.860 ng/ul
RT: 11.072 min Scan# 1291
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46



Tgt Ion:128 Resp: 370547
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.9 11.8 17.6





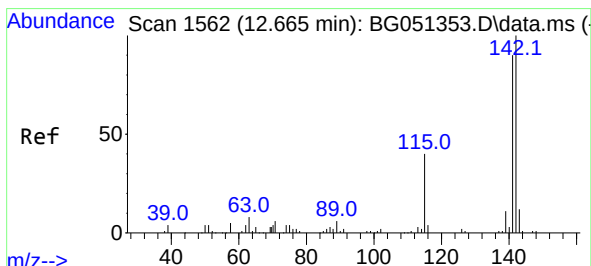
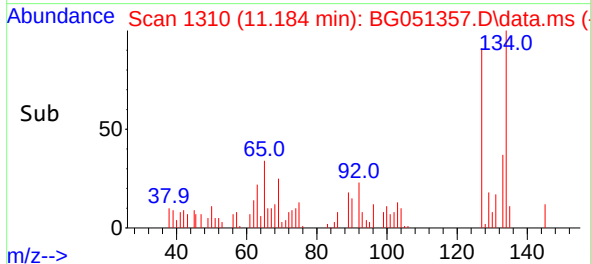
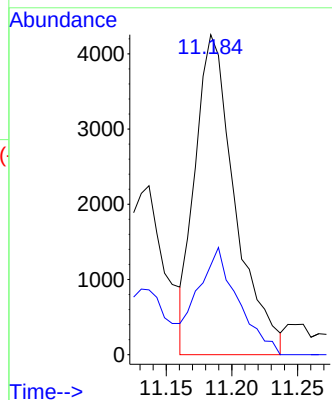
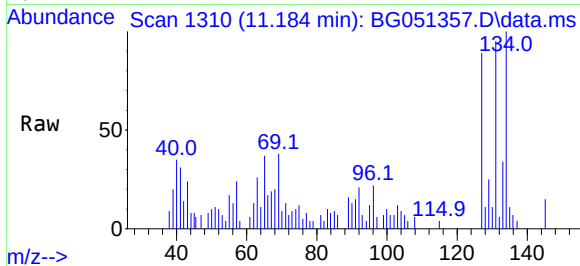
#32
4-Chloroaniline
Concen: 3.217 ng/ul
RT: 11.184 min Scan# 1118
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

Instrument :
BNA_G
ClientSampleId :
BGKQ9

Tgt Ion:127 Resp: 8980
Ion Ratio Lower Upper
127 100
129 28.0 26.2 39.2

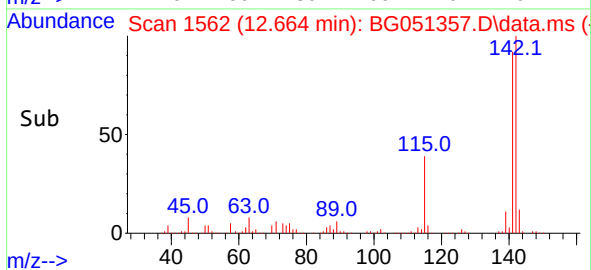
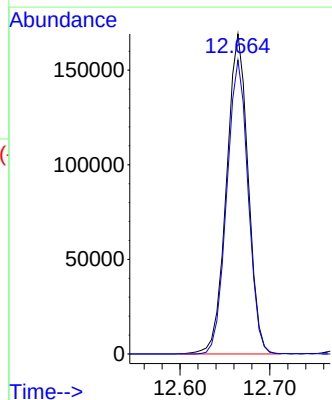
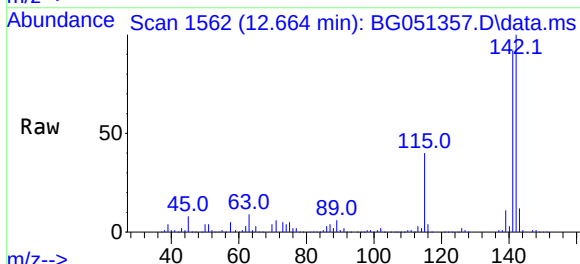
Manual Integrations
APPROVED

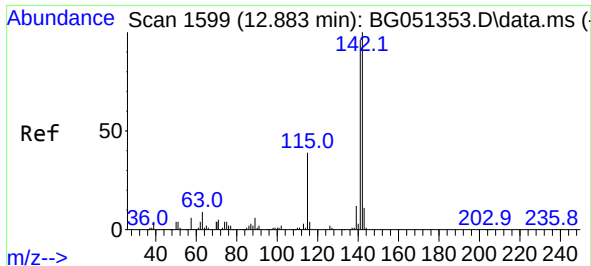
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#36
2-Methylnaphthalene
Concen: 64.847 ng/ul
RT: 12.664 min Scan# 1562
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

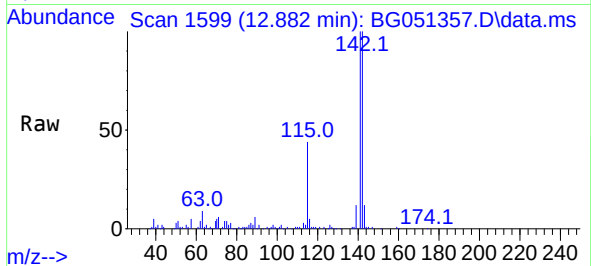
Tgt Ion:142 Resp: 282477
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9





#37
1-Methylnaphthalene
Concen: 23.462 ng/ul
RT: 12.882 min Scan# 1599
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

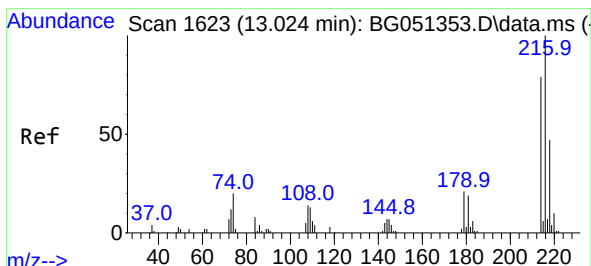
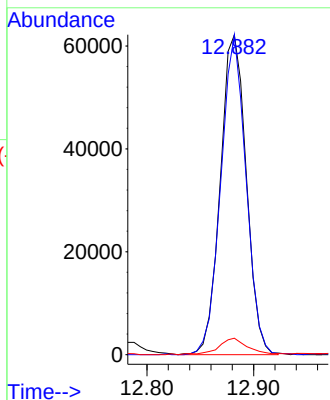
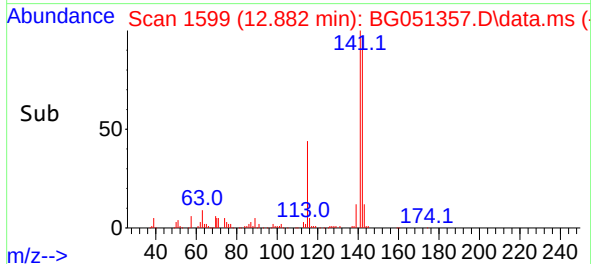
Instrument :
BNA_G
ClientSampleId :
BGKQ9



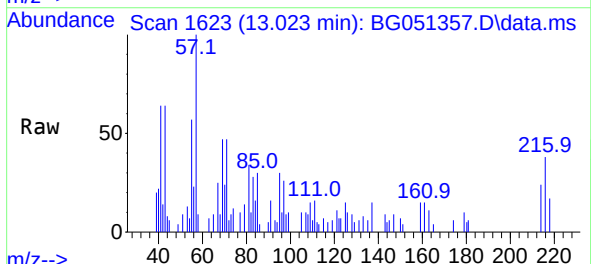
Tgt Ion:142 Resp: 105149
Ion Ratio Lower Upper
142 100
141 100.1 77.8 116.8
116 5.2 3.3 4.9

Manual Integrations
APPROVED

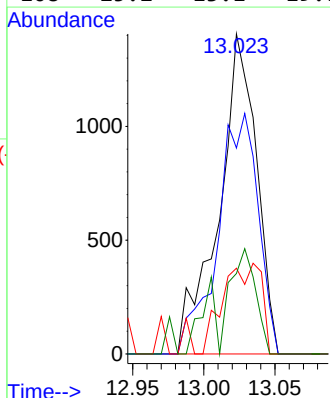
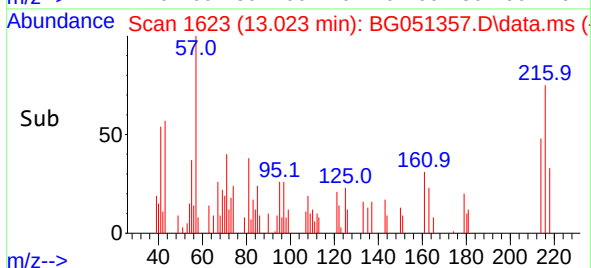
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021

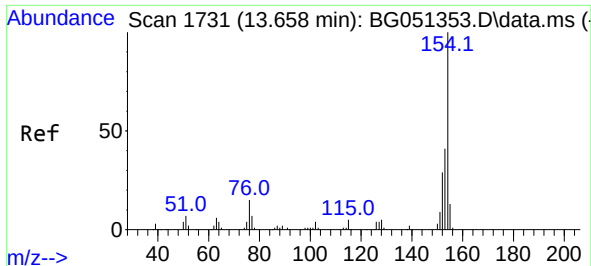


#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.051 ng/ul
RT: 13.023 min Scan# 1623
Delta R.T. -0.010 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46



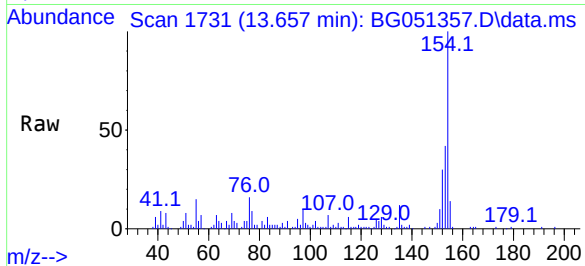
Tgt Ion:216 Resp: 2598
Ion Ratio Lower Upper
216 100
214 64.4 61.0 91.4
179 26.8 16.2 24.2#
108 25.2 13.1 19.7#





#43
1,1'-Biphenyl
Concen: 9.345 ng/ul
RT: 13.657 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

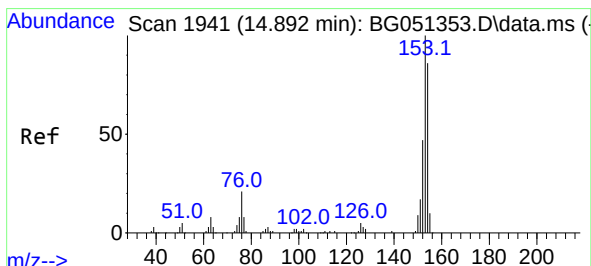
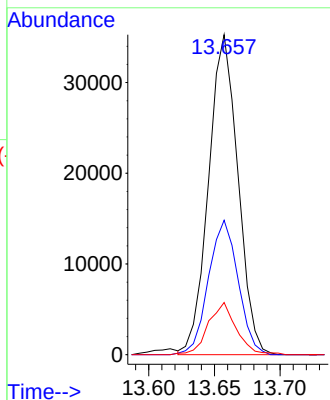
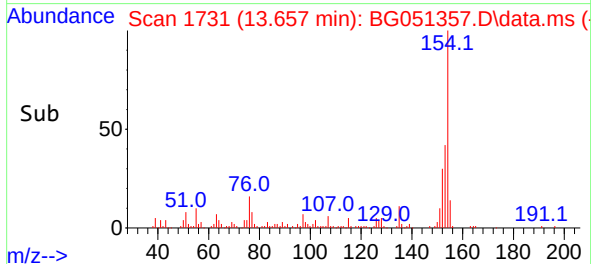
Instrument :
BNA_G
ClientSampleId :
BGKQ9



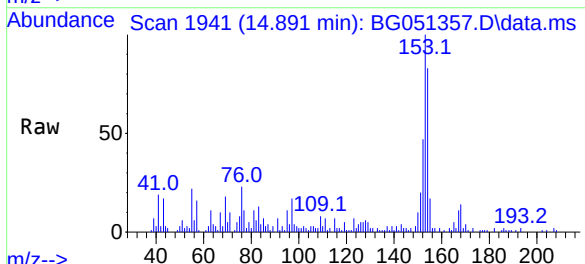
Tgt Ion:154 Resp: 54954
Ion Ratio Lower Upper
154 100
153 42.0 34.5 51.7
76 16.3 13.1 19.7

Manual Integrations
APPROVED

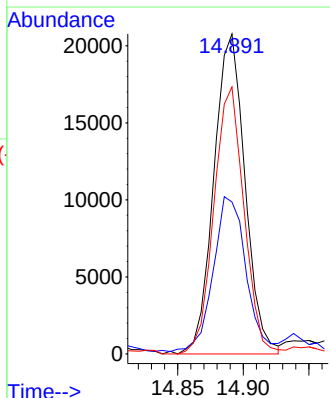
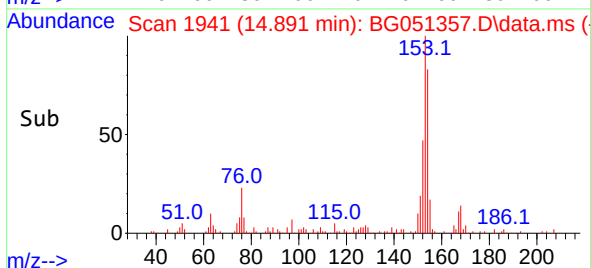
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021

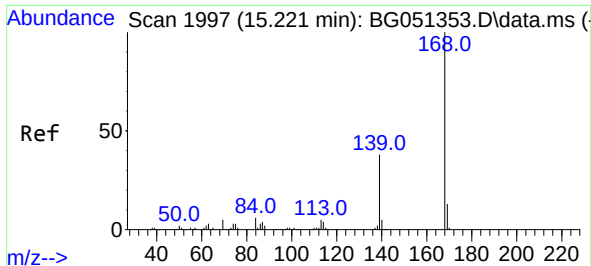


#52
Acenaphthene
Concen: 6.895 ng/ul
RT: 14.891 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46



Tgt Ion:153 Resp: 34316
Ion Ratio Lower Upper
153 100
152 47.5 36.5 54.7
154 83.5 65.8 98.6





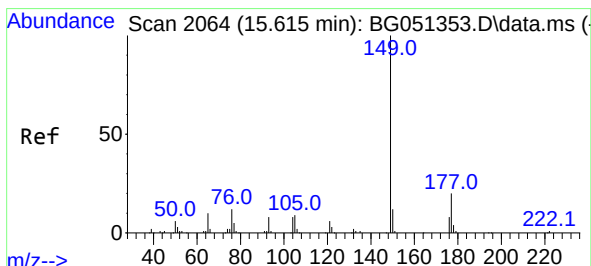
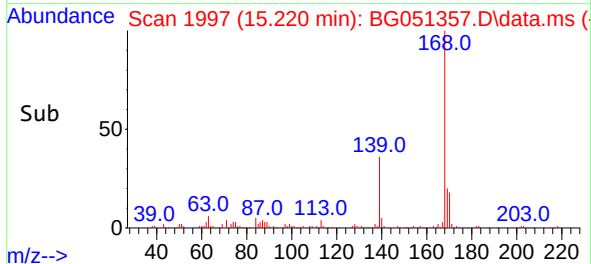
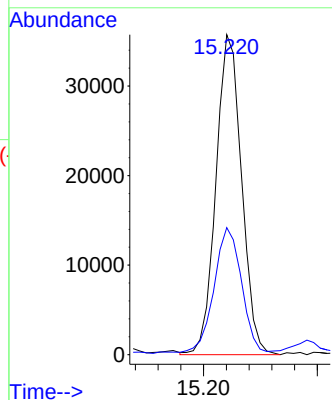
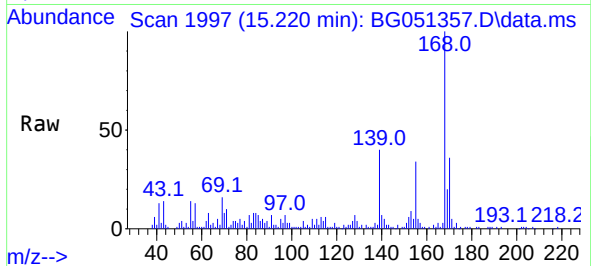
#56
Dibenzo(furan)
Concen: 7.795 ng/ul
RT: 15.220 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

Instrument :
BNA_G
ClientSampleId :
BGKQ9

Tgt Ion:168 Resp: 55959
Ion Ratio Lower Upper
168 100
139 39.7 31.2 46.8

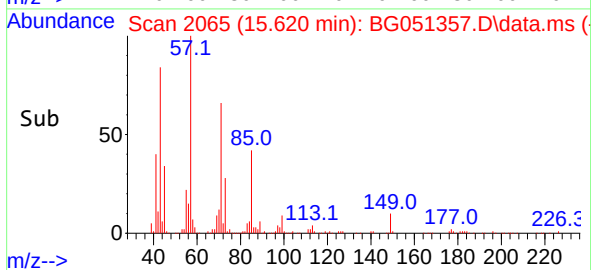
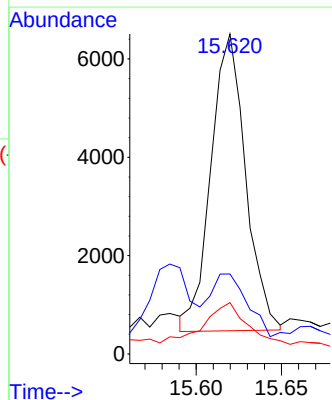
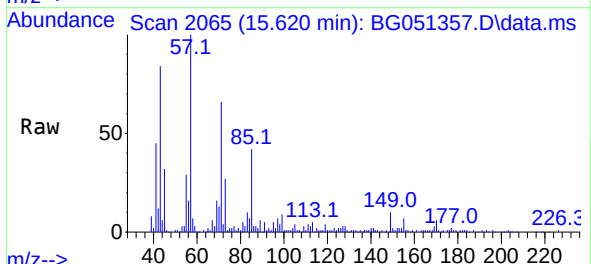
Manual Integrations
APPROVED

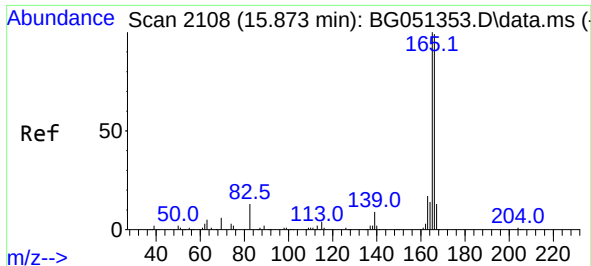
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#59
Diethylphthalate
Concen: 1.324 ng/ul
RT: 15.620 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

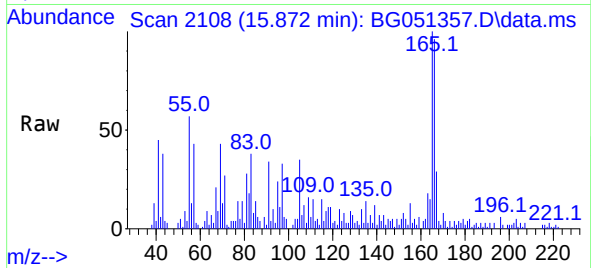
Tgt Ion:149 Resp: 8523
Ion Ratio Lower Upper
149 100
177 25.0 16.8 25.2
150 16.0 10.1 15.1#





#61
Fluorene
Concen: 3.806 ng/u1
RT: 15.872 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

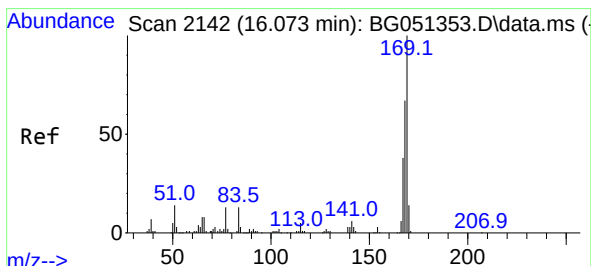
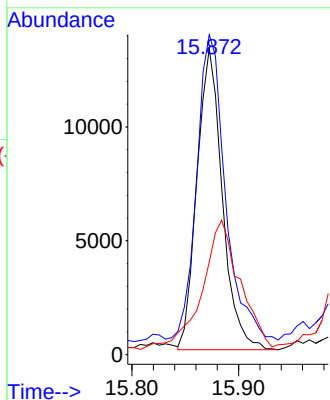
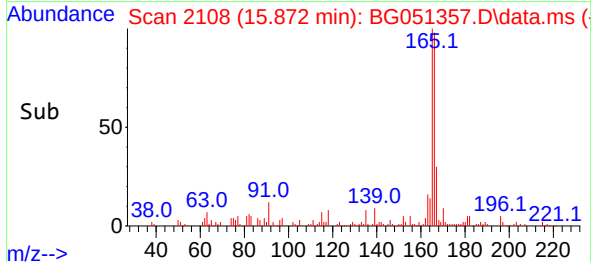
Instrument :
BNA_G
ClientSampleId :
BGKQ9



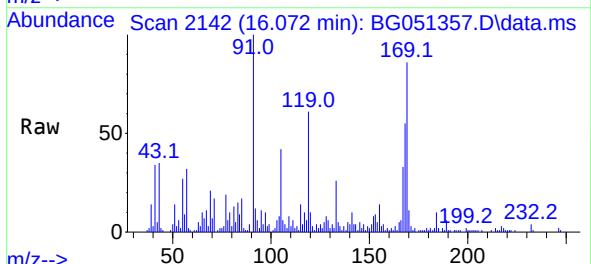
Tgt Ion:166 Resp: 21884
Ion Ratio Lower Upper
166 100
165 104.5 81.0 121.6
167 30.3 11.0 16.4

Manual Integrations
APPROVED

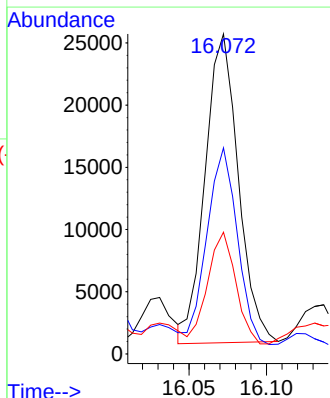
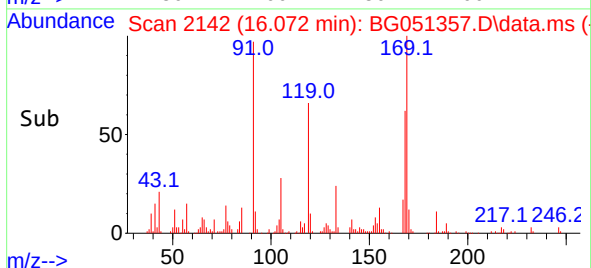
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021

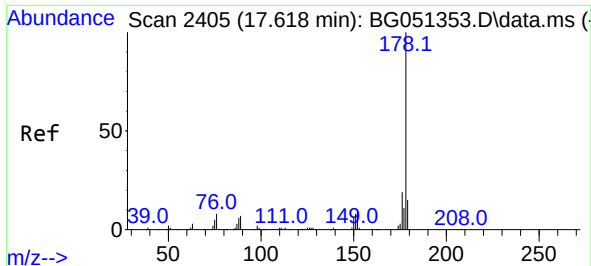


#67
N-Nitrosodiphenylamine
Concen: 8.223 ng/u1
RT: 16.072 min Scan# 2142
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46



Tgt Ion:169 Resp: 36836
Ion Ratio Lower Upper
169 100
168 64.4 58.5 87.7
167 38.0 31.3 46.9





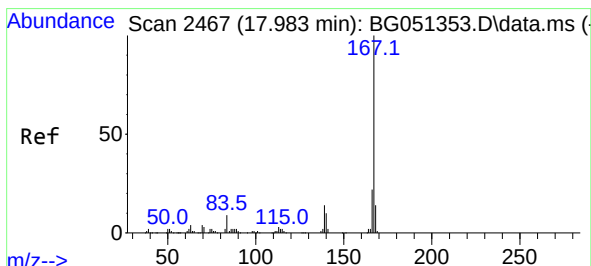
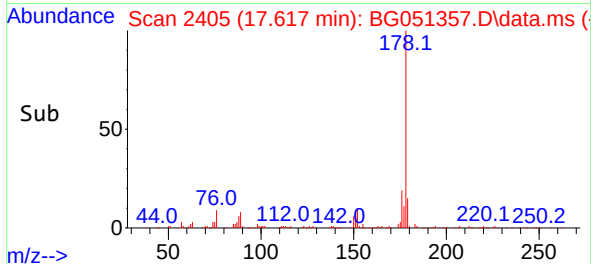
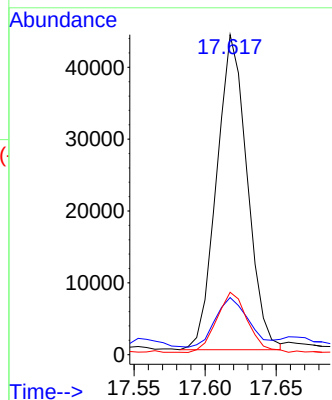
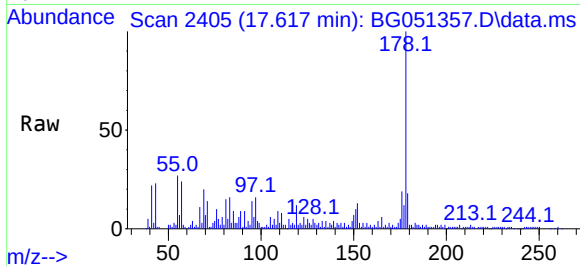
#72
Phenanthrene
Concen: 7.598 ng/u1
RT: 17.617 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

Instrument :
BNA_G
ClientSampleId :
BGKQ9

Tgt Ion:178 Resp: 65644
Ion Ratio Lower Upper
178 100
179 17.8 12.3 18.5
176 19.5 15.5 23.3

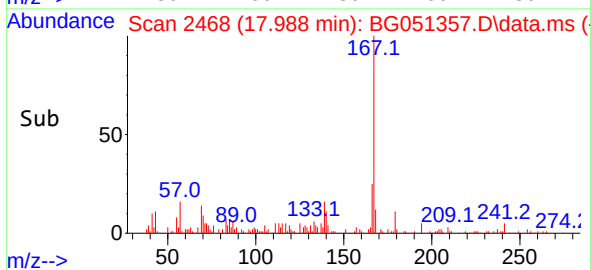
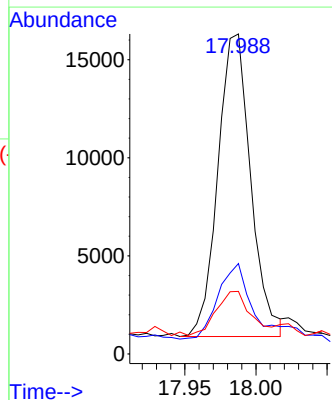
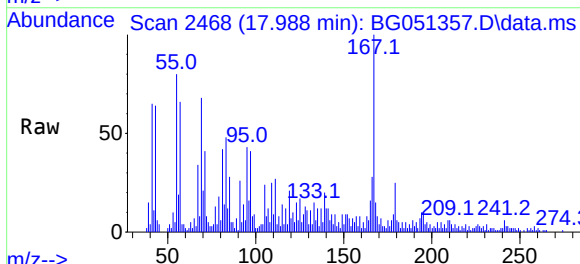
Manual Integrations
APPROVED

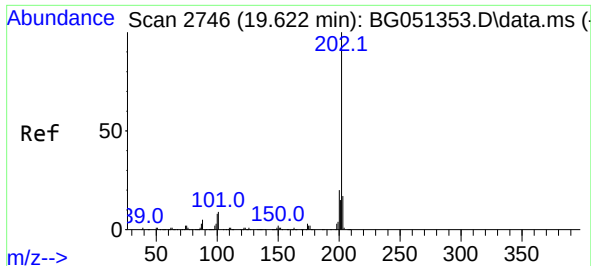
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#77
Carbazole
Concen: 3.294 ng/u1
RT: 17.988 min Scan# 2468
Delta R.T. 0.002 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

Tgt Ion:167 Resp: 24805
Ion Ratio Lower Upper
167 100
166 28.3 17.3 25.9#
139 19.6 10.6 16.0#





#80
Fluoranthene
Concen: 1.475 ng/u1
RT: 19.621 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

Instrument :

BNA_G

ClientSampleId :

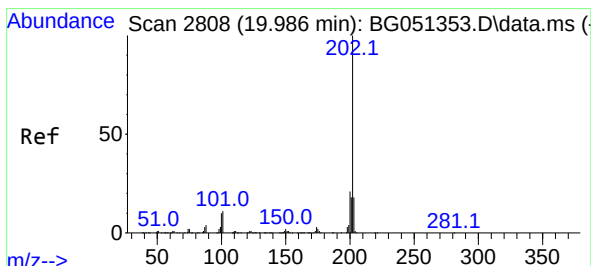
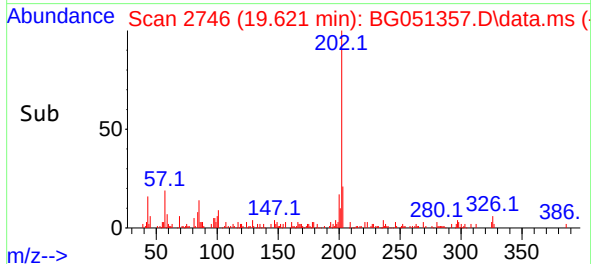
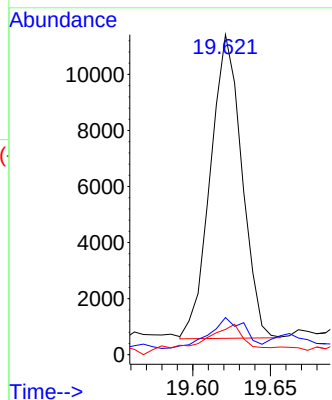
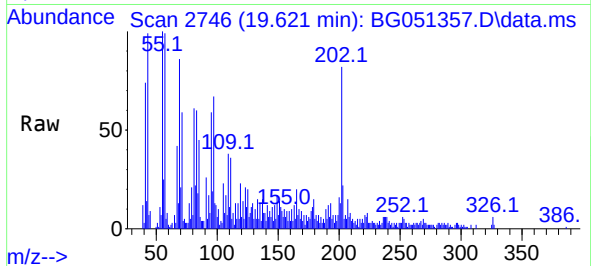
BGKQ9

Tgt Ion:202 Resp: 1531
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 7.9 7.0 10.6

Manual Integrations

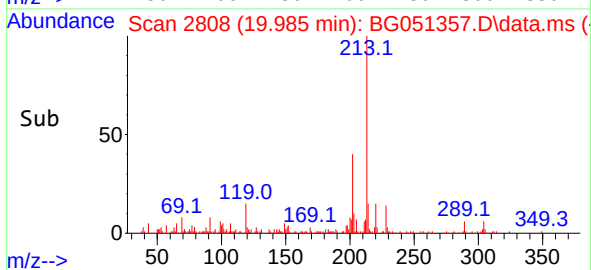
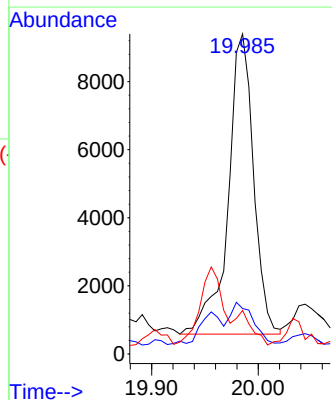
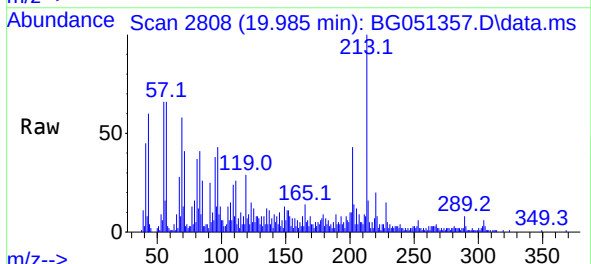
APPROVED

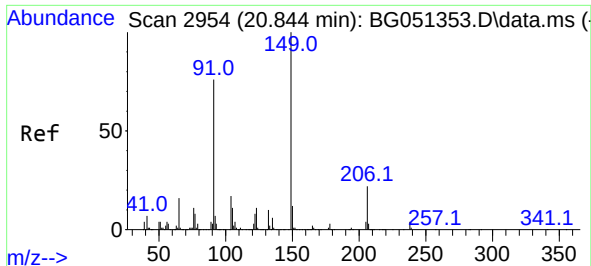
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#82
Pyrene
Concen: 1.447 ng/u1
RT: 19.985 min Scan# 2808
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

Tgt Ion:202 Resp: 14693
Ion Ratio Lower Upper
202 100
101 14.2 10.7 16.1
100 13.6 9.0 13.6#





#83
Butylbenzylphthalate
Concen: 63.325 ng/ul
RT: 20.843 min Scan# 2954
Delta R.T. -0.004 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

Instrument :

BNA_G

ClientSampleId :

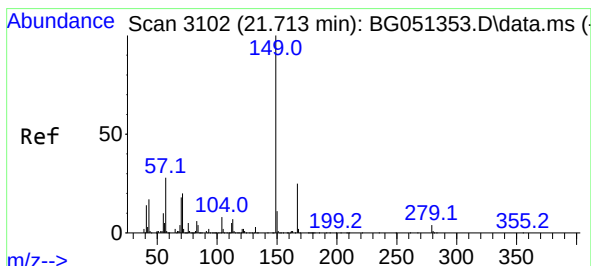
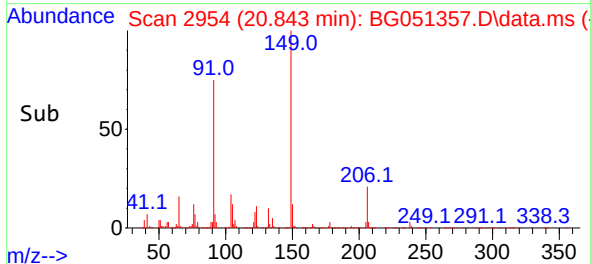
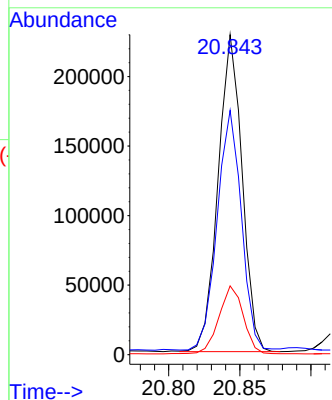
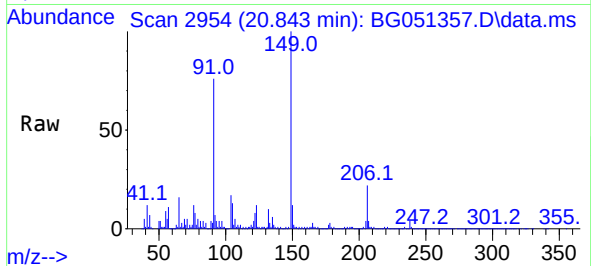
BGKQ9

Tgt Ion:149 Resp: 267398
Ion Ratio Lower Upper
149 100
91 76.4 65.2 97.8
206 21.5 16.2 24.2

Manual Integrations

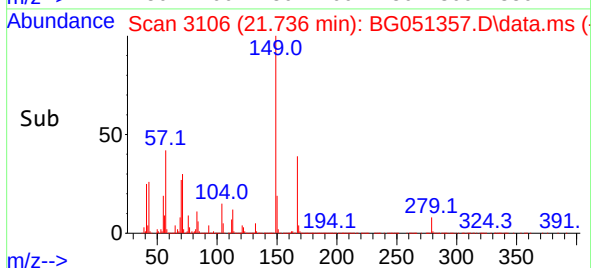
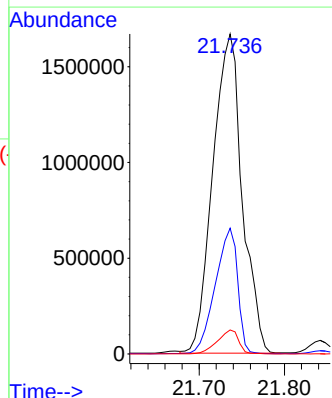
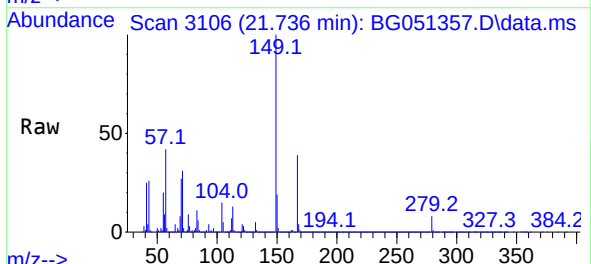
APPROVED

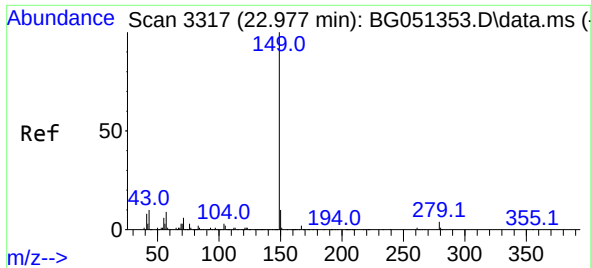
Reviewed By :Jagrut Upadhyay 12/07/2021
Supervised By :mohammad ahmed 12/07/2021



#86
Bis(2-ethylhexyl)phthalate
Concen: 658.053 ng/ul
RT: 21.736 min Scan# 3106
Delta R.T. 0.014 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

Tgt Ion:149 Resp: 3998542
Ion Ratio Lower Upper
149 100
167 39.3 21.1 31.7#
279 7.5 2.7 4.1#





#89
Di-n-octyl phthalate
Concen: 141.184 ng/ul
RT: 22.994 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG051357.D
Acq: 6 Dec 2021 19:46

Instrument :
BNA_G
ClientSampleId :
BGKQ9

Tgt Ion:149 Resp: 145428

Manual Integrations
APPROVED

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

