

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051436.D
 Acq On : 9 Dec 2021 16:43
 Operator : CG/JU
 Sample : M4870-09DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKP6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 09 22:26:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 03:21:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.183	152	33529	20.000	ng/ul	0.00
20) Naphthalene-d8	11.015	136	145467	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.822	164	96663	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.566	188	208466	20.000	ng/ul	0.00
79) Chrysene-d12	21.873	240	189228	20.000	ng/ul	0.00
88) Perylene-d12	25.269	264	187928	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	2232	2.186	ng/uL	0.00
4) Pyridine-d5	3.994	84	10585	3.610	ng/ul	0.03
7) Phenol-d5	7.360	99	15240	4.465	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	38324	17.508	ng/ul	0.00
11) 2-Chlorophenol-d4	7.725	132	35561	14.644	ng/ul	0.00
15) 4-Methylphenol-d8	8.912	113	26995	10.067	ng/ul	0.00
21) Nitrobenzene-d5	9.370	128	23773	18.839	ng/ul	0.00
24) 2-Nitrophenol-d4	10.092	143	24839	17.395	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	40739	17.538	ng/ul	0.00
31) 4-Chloroaniline-d4	11.162	131	37000	10.890	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	135128	18.066	ng/ul	0.00
49) Acenaphthylene-d8	14.517	160	181077	19.115	ng/ul	0.00
54) 4-Nitrophenol-d4	15.104	143	5678m	5.042	ng/ul	0.04
60) Fluorene-d10	15.809	176	126068	18.934	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	23682	19.117	ng/ul	0.00
73) Anthracene-d10	17.672	188	198338	20.334	ng/ul	0.00
81) Pyrene-d10	19.952	212	227854	20.033	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.028	264	196094	20.230	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.390	94	607261	173.816	ng/ul	95
13) 2-Methylphenol	8.641	108	130792	50.283	ng/ul	95
16) Acetophenone	9.023	105	39009	9.395	ng/ul	99
18) 4-Methylphenol	8.976	108	196024	71.737	ng/ul	97
26) 2,4-Dimethylphenol	10.187	107	195157m	64.452	ng/ul	
30) Naphthalene	11.074	128	2111723	264.348	ng/ul#	95
32) 4-Chloroaniline	11.185	127	220453	64.502	ng/ul	99
36) 2-Methylnaphthalene	12.660	142	804474	151.015	ng/ul	100
37) 1-Methylnaphthalene	12.877	142	369495	67.386	ng/ul	97
43) 1,1'-Biphenyl	13.653	154	123925	17.148	ng/ul	98
52) Acenaphthene	14.881	153	49842	8.126	ng/ul	96
56) Dibenzofuran	15.216	168	70696	8.130	ng/ul	98
59) Diethylphthalate	15.610	149	317056	38.970	ng/ul	99
61) Fluorene	15.862	166	25370	3.603	ng/ul	92
67) N-Nitrosodiphenylamine	16.068	169	23858	4.105	ng/ul	99
72) Phenanthrene	17.613	178	13874	1.235	ng/ul	98
78) Di-n-butylphthalate	18.500	149	132935	9.907	ng/ul	99
83) Butylbenzylphthalate	20.845	149	920479	153.573	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.702	149	12316	1.479	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
 Data File : BG051436.D
 Acq On : 9 Dec 2021 16:43
 Operator : CG/JU
 Sample : M4870-09DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

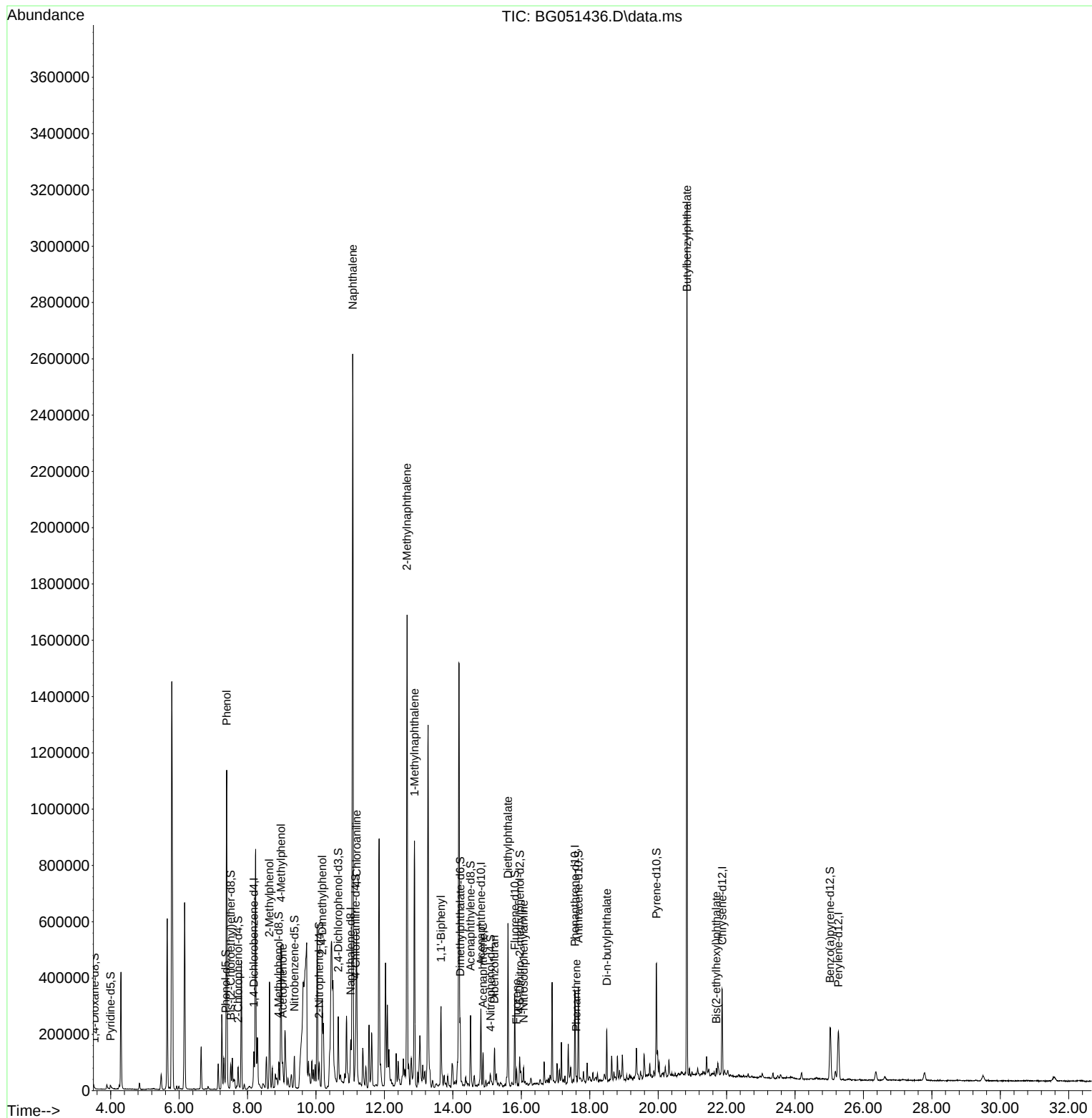
BGKP6DL

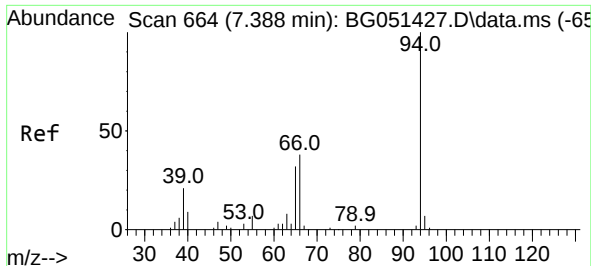
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

Quant Time: Dec 09 22:26:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 03:21:41 2021
 Response via : Initial Calibration





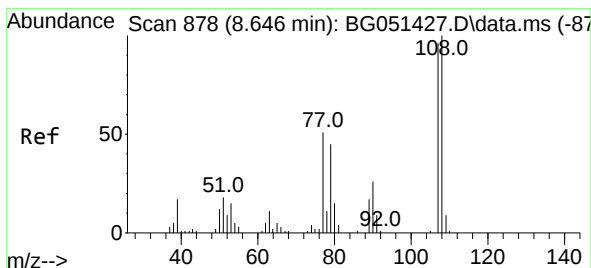
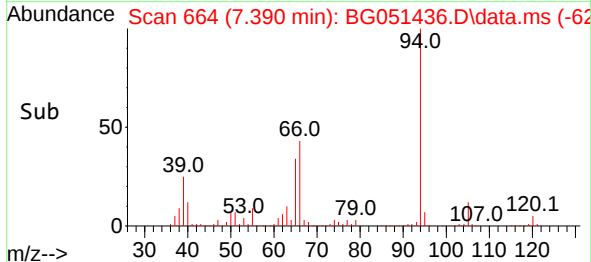
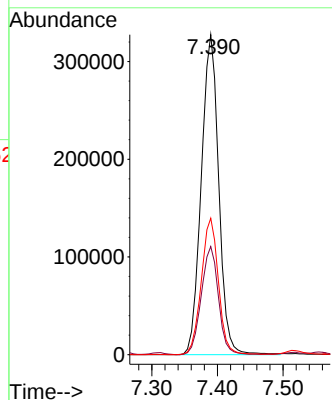
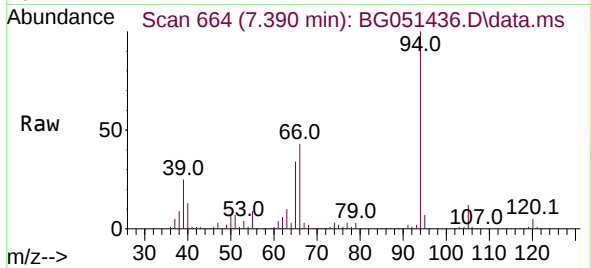
#8
Phenol
Concen: 173.816 ng/ul
RT: 7.390 min Scan# 60726
Delta R.T. 0.006 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

Instrument :
BNA_G
ClientSampleId :
BGKP6DL

Tgt Ion: 94 Resp: 60726
Ion Ratio Lower Upper
94 100
65 33.8 25.1 37.7
66 42.7 31.6 47.4

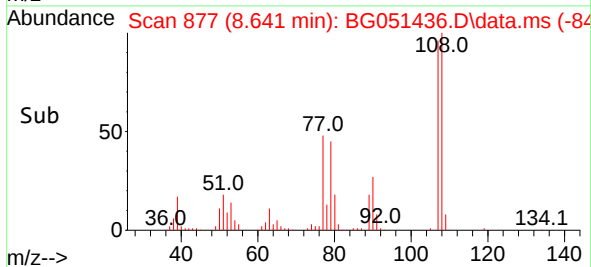
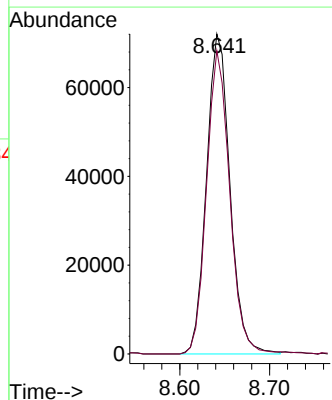
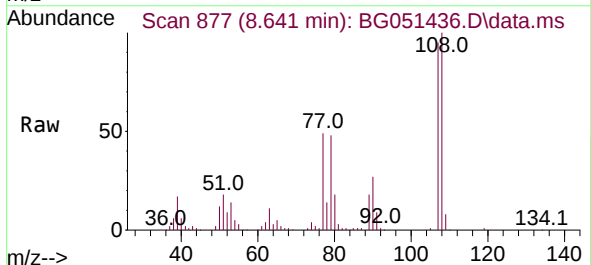
Manual Integrations
APPROVED

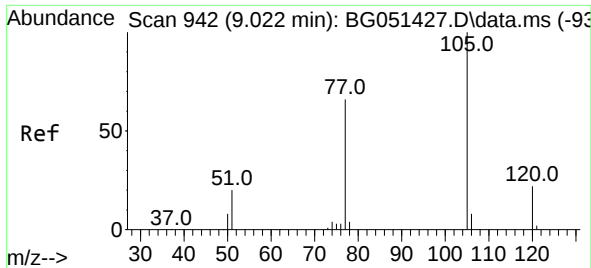
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#13
2-Methylphenol
Concen: 50.283 ng/ul
RT: 8.641 min Scan# 877
Delta R.T. 0.000 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

Tgt Ion:108 Resp: 130792
Ion Ratio Lower Upper
108 100
107 94.8 71.8 107.6





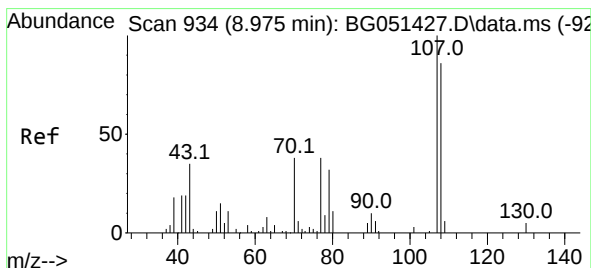
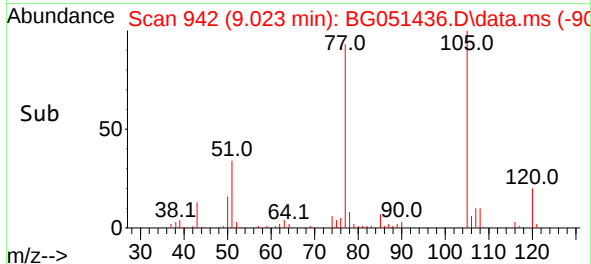
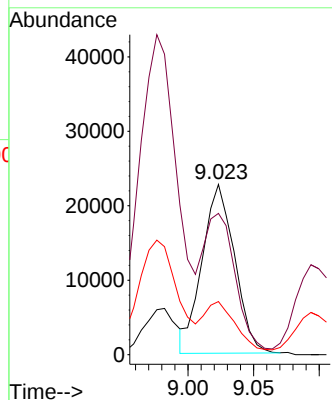
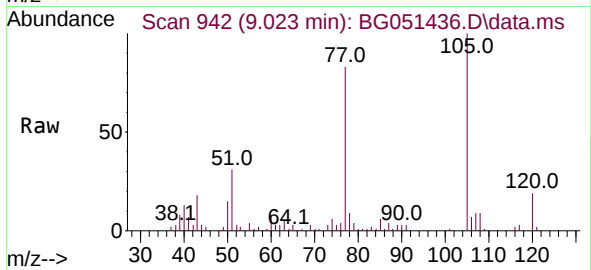
#16
Acetophenone
Concen: 9.395 ng/ul
RT: 9.023 min Scan# 942
Delta R.T. 0.000 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

Instrument :
BNA_G
ClientSampleId :
BGKP6DL

Tgt Ion:105 Resp: 39009
Ion Ratio Lower Upper
105 100
77 83.0 67.3 100.9
51 31.2 24.0 36.0

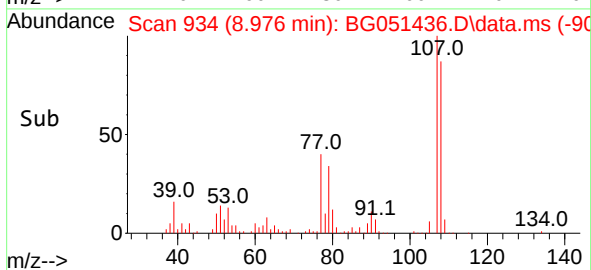
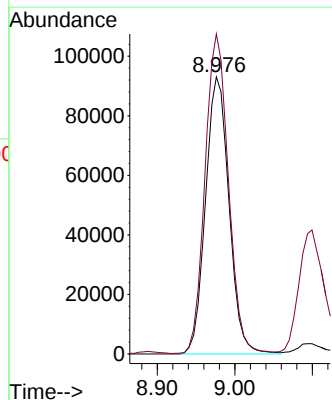
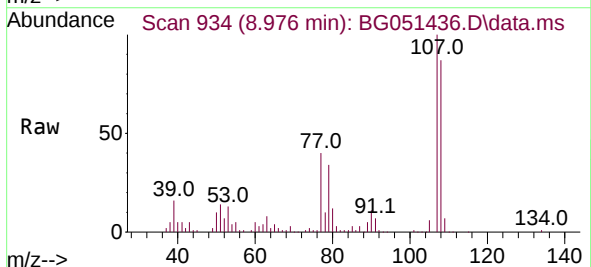
Manual Integrations
APPROVED

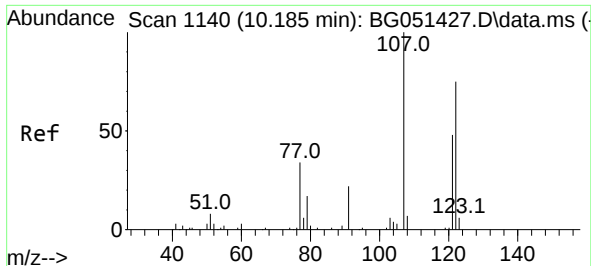
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#18
4-Methylphenol
Concen: 71.737 ng/ul
RT: 8.976 min Scan# 934
Delta R.T. 0.000 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

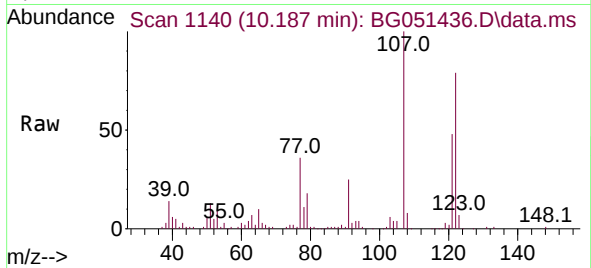
Tgt Ion:108 Resp: 196024
Ion Ratio Lower Upper
108 100
107 115.5 95.0 142.4





#26
2,4-Dimethylphenol
Concen: 64.452 ng/ul m
RT: 10.187 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

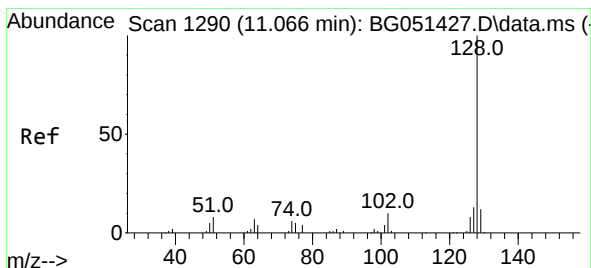
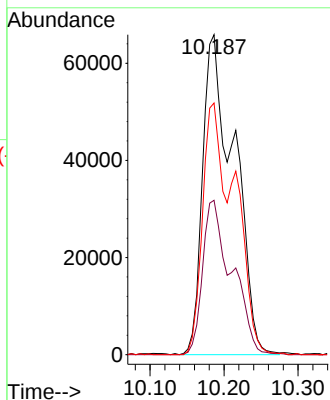
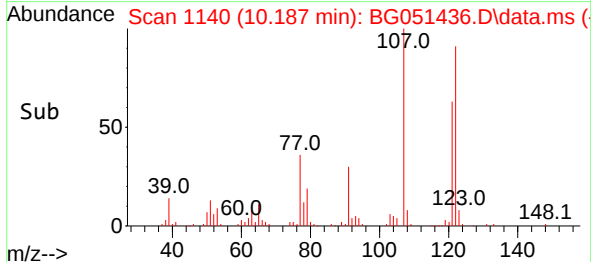
Instrument :
BNA_G
ClientSampleId :
BGKP6DL



Tgt Ion:107 Resp: 19515
Ion Ratio Lower Upper
107 100
121 48.3 39.3 58.9
122 78.7 63.7 95.5

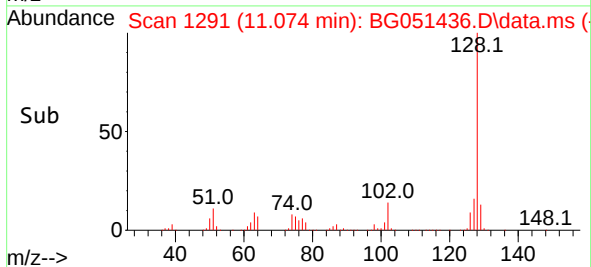
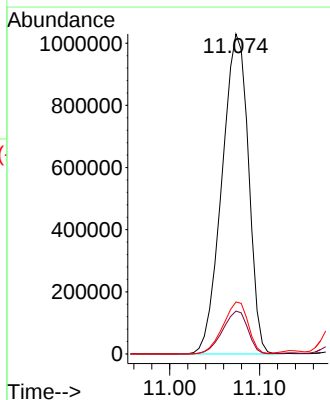
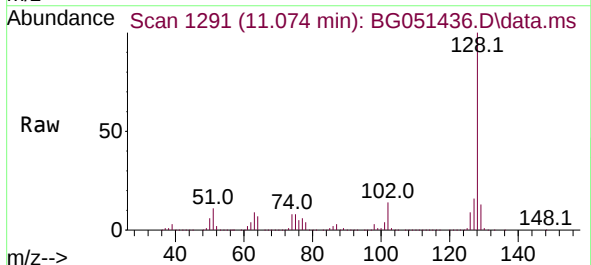
Manual Integrations
APPROVED

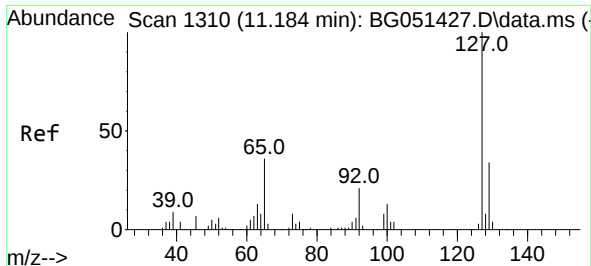
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#30
Naphthalene
Concen: 264.348 ng/ul
RT: 11.074 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

Tgt Ion:128 Resp: 2111723
Ion Ratio Lower Upper
128 100
129 13.4 8.5 12.7#
127 16.3 11.8 17.6





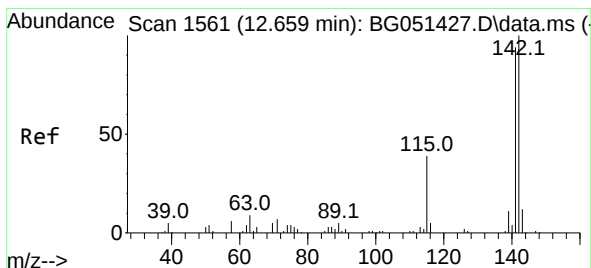
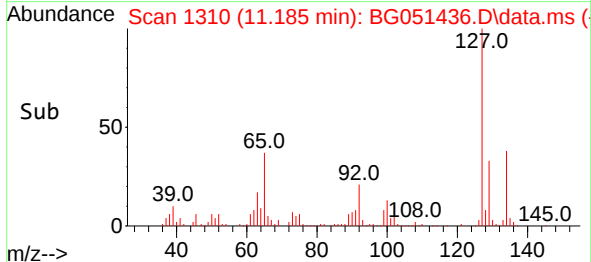
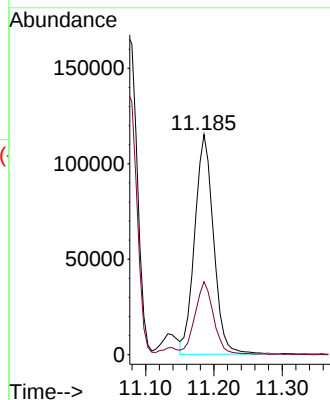
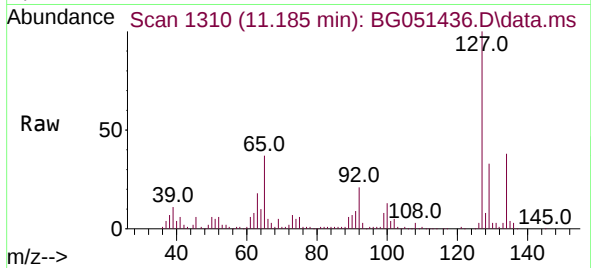
#32
4-Chloroaniline
Concen: 64.502 ng/ul
RT: 11.185 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

Instrument :
BNA_G
ClientSampleId :
BGKP6DL

Tgt Ion:127 Resp: 22045
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.2

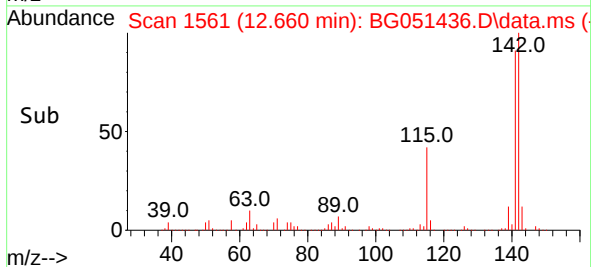
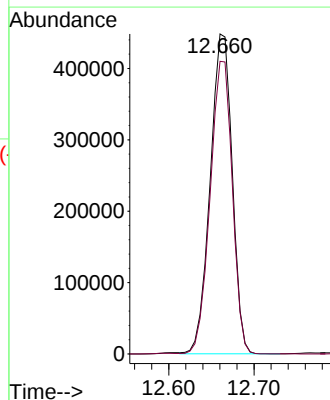
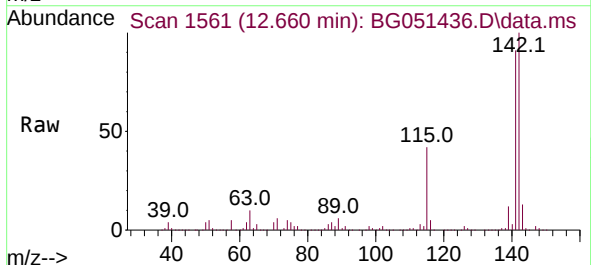
Manual Integrations
APPROVED

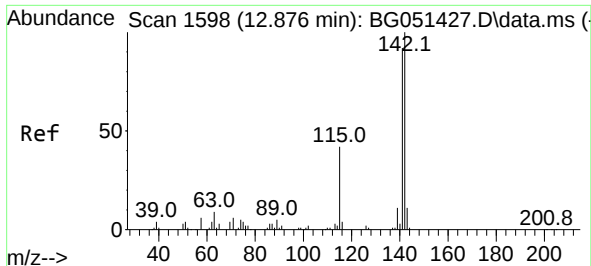
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#36
2-Methylnaphthalene
Concen: 151.015 ng/ul
RT: 12.660 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

Tgt Ion:142 Resp: 804474
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9





#37

1-Methylnaphthalene

Concen: 67.386 ng/ul

RT: 12.877 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG051436.D

Acq: 9 Dec 2021 16:43

Instrument :

BNA_G

ClientSampleId :

BGKP6DL

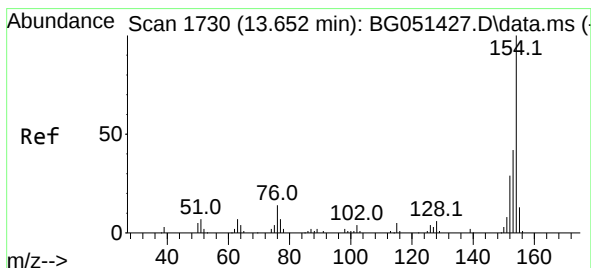
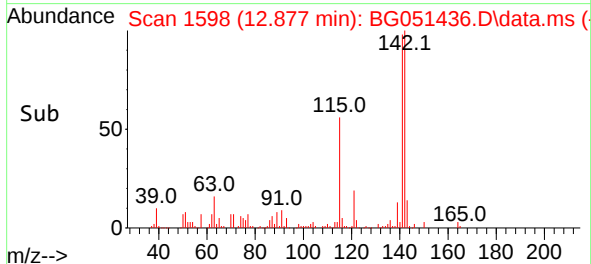
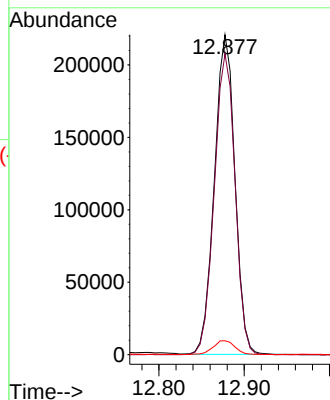
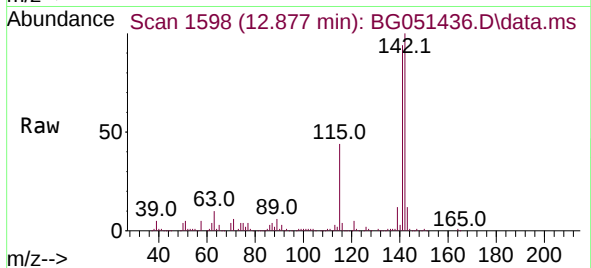
Tgt Ion:142 Resp: 36949

Ion	Ratio	Lower	Upper
142	100		
141	93.9	77.8	116.8
116	4.4	3.3	4.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#43

1,1'-Biphenyl

Concen: 17.148 ng/ul

RT: 13.653 min Scan# 1730

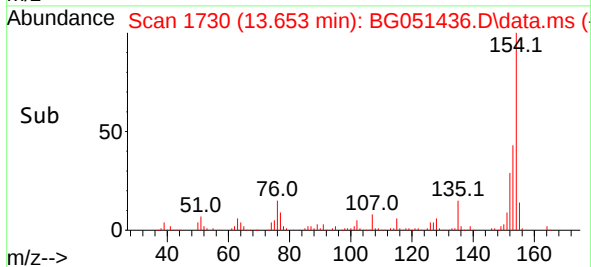
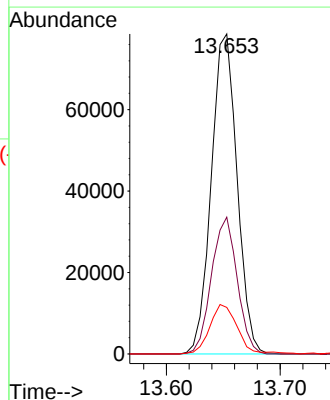
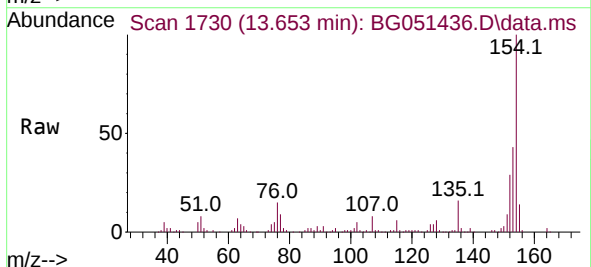
Delta R.T. 0.000 min

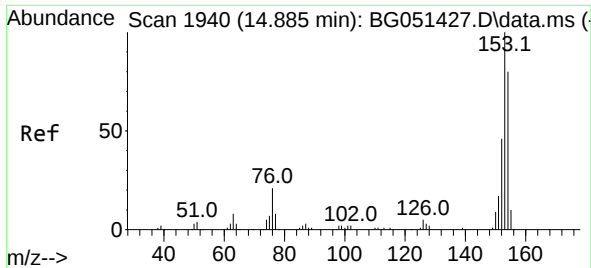
Lab File: BG051436.D

Acq: 9 Dec 2021 16:43

Tgt Ion:154 Resp: 123925

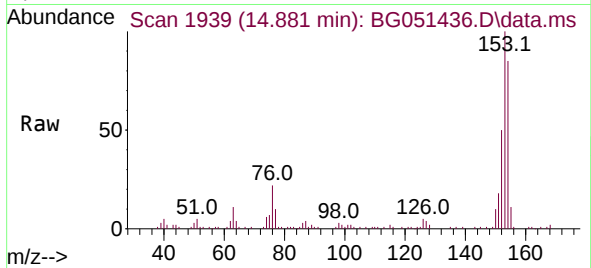
Ion	Ratio	Lower	Upper
154	100		
153	42.8	34.5	51.7
76	14.6	13.1	19.7





#52
Acenaphthene
Concen: 8.126 ng/ul
RT: 14.881 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

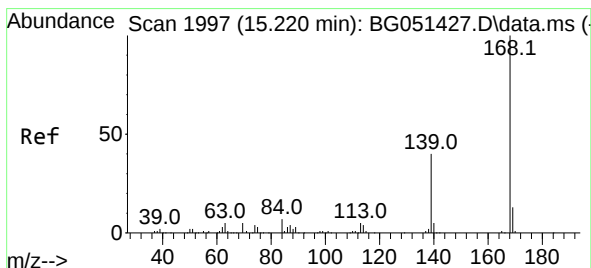
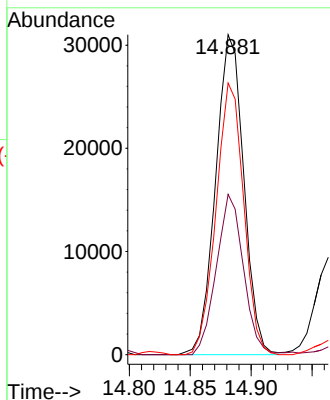
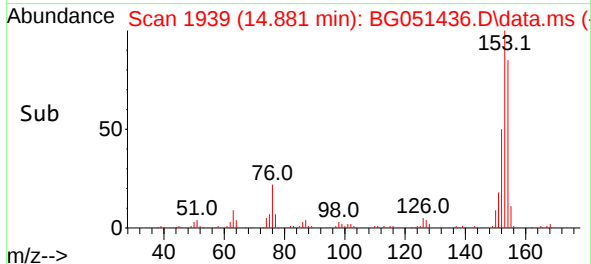
Instrument :
BNA_G
ClientSampleId :
BGKP6DL



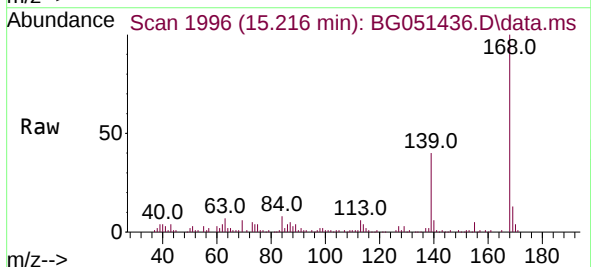
Tgt Ion:153 Resp: 4984
Ion Ratio Lower Upper
153 100
152 50.1 36.5 54.7
154 84.9 65.8 98.6

Manual Integrations
APPROVED

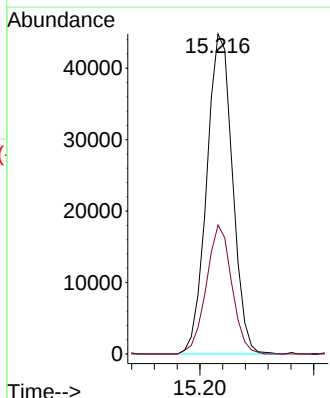
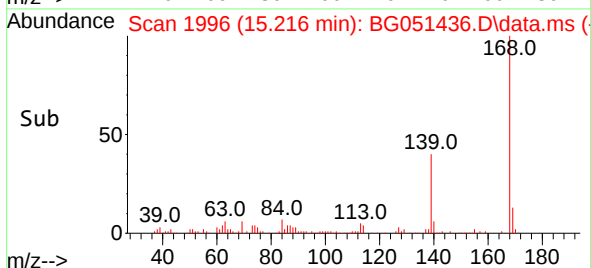
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

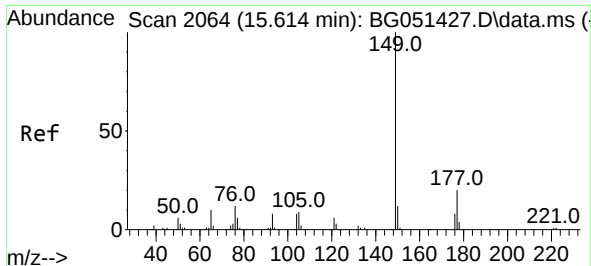


#56
Dibenzofuran
Concen: 8.130 ng/ul
RT: 15.216 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43



Tgt Ion:168 Resp: 70696
Ion Ratio Lower Upper
168 100
139 40.3 31.2 46.8





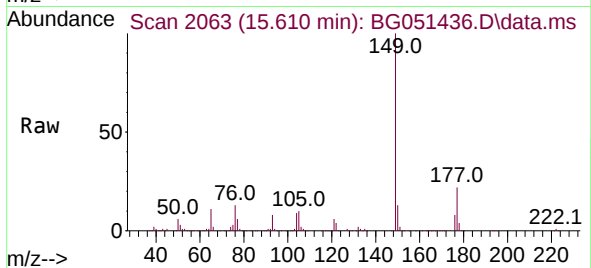
#59
Diethylphthalate
Concen: 38.970 ng/ul
RT: 15.610 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

Instrument :

BNA_G

ClientSampleId :

BGKP6DL

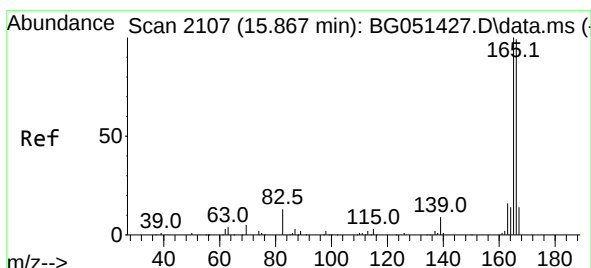
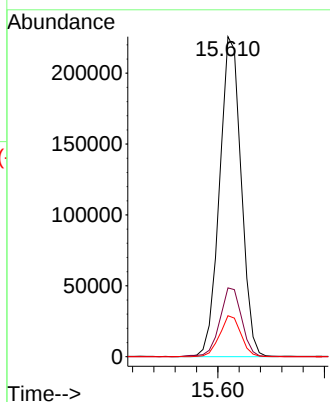
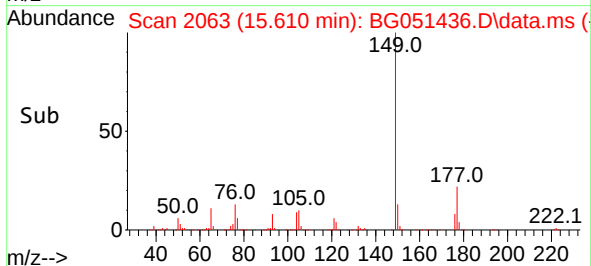


Tgt Ion:149 Resp: 317050
Ion Ratio Lower Upper
149 100
177 21.5 16.8 25.2
150 12.8 10.1 15.1

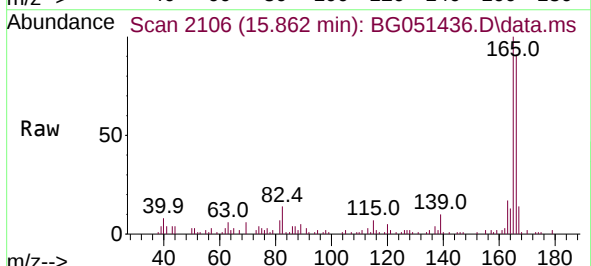
Manual Integrations

APPROVED

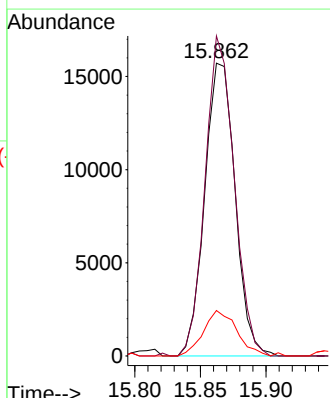
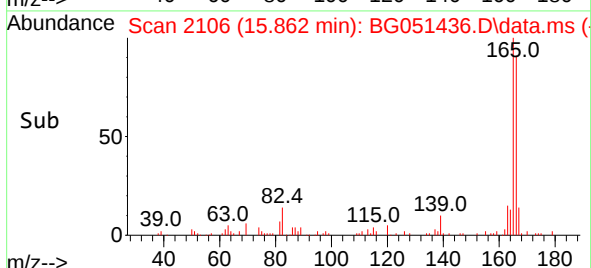
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

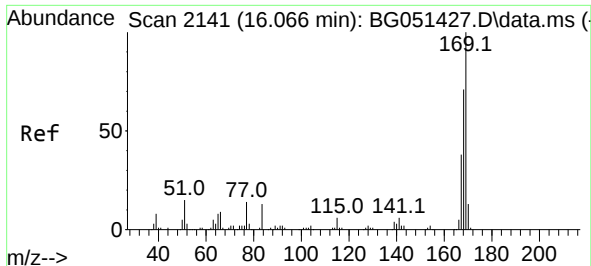


#61
Fluorene
Concen: 3.603 ng/ul
RT: 15.862 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43



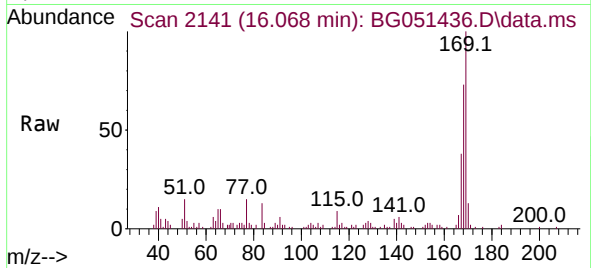
Tgt Ion:166 Resp: 25370
Ion Ratio Lower Upper
166 100
165 109.3 81.0 121.6
167 15.5 11.0 16.4





#67
N-Nitrosodiphenylamine
Concen: 4.105 ng/ul
RT: 16.068 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

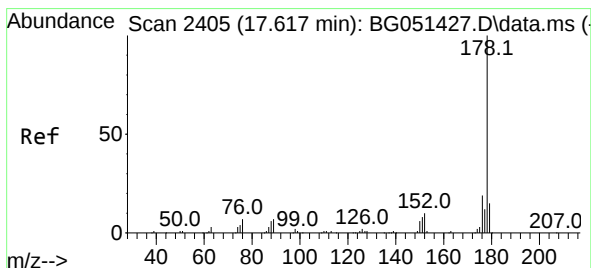
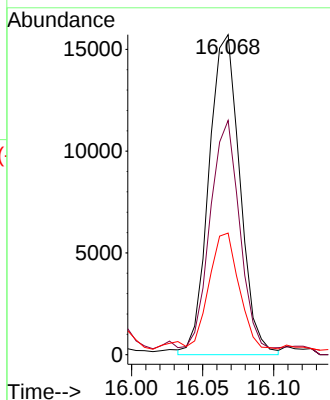
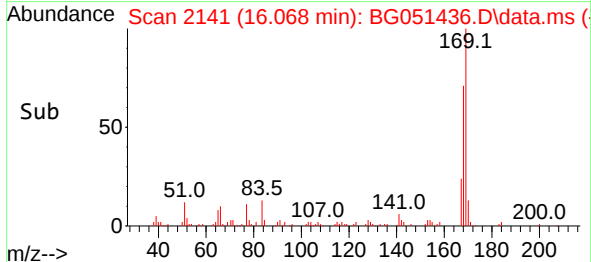
Instrument :
BNA_G
ClientSampleId :
BGKP6DL



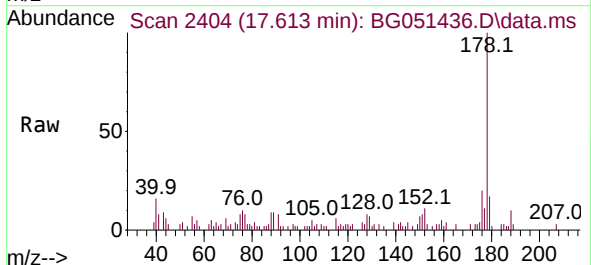
Tgt Ion:169 Resp: 2385
Ion Ratio Lower Upper
169 100
168 73.2 58.5 87.7
167 38.0 31.3 46.9

Manual Integrations
APPROVED

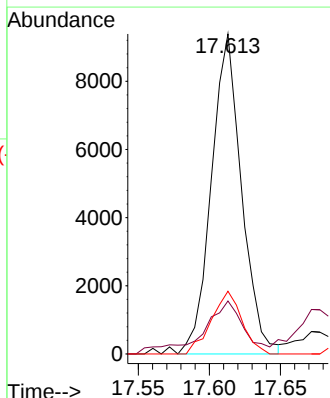
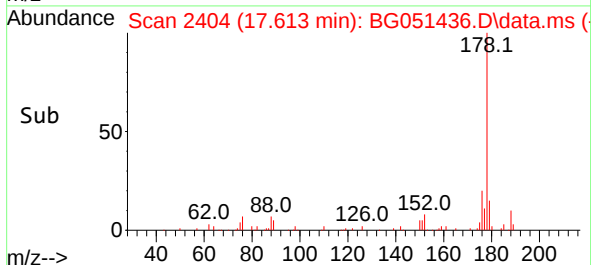
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

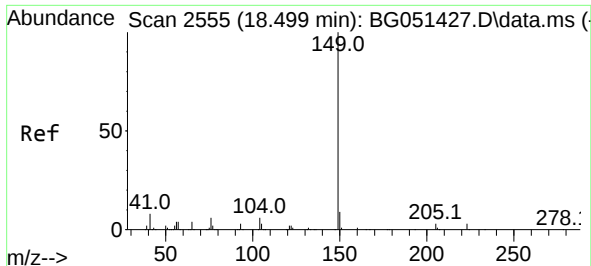


#72
Phenanthrene
Concen: 1.235 ng/ul
RT: 17.613 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43



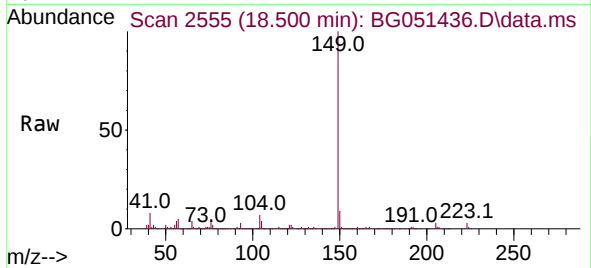
Tgt Ion:178 Resp: 13874
Ion Ratio Lower Upper
178 100
179 16.6 12.3 18.5
176 19.6 15.5 23.3





#78
Di-n-butylphthalate
Concen: 9.907 ng/ul
RT: 18.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

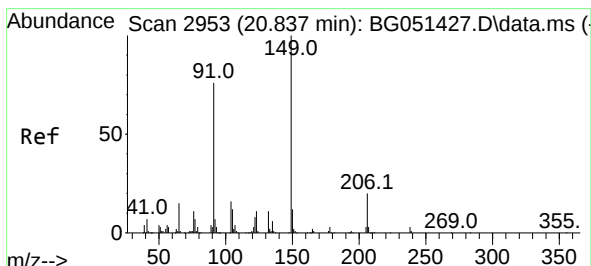
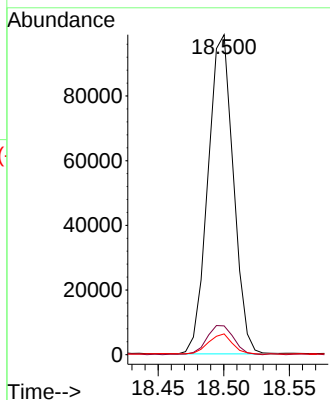
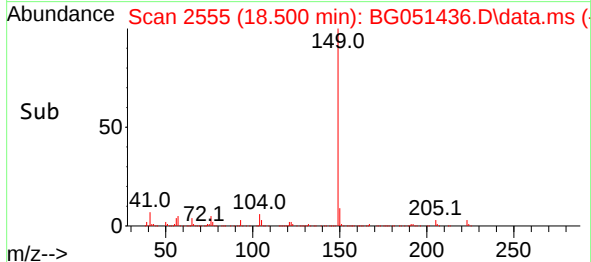
Instrument :
BNA_G
ClientSampleId :
BGKP6DL



Tgt Ion:149 Resp: 132935
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 6.5 5.0 7.6

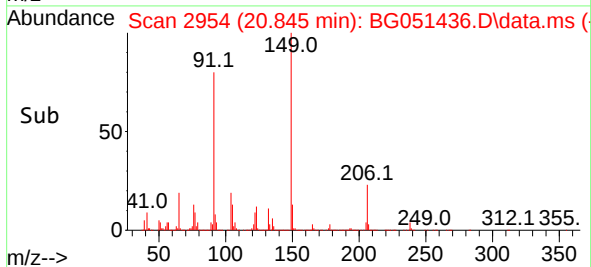
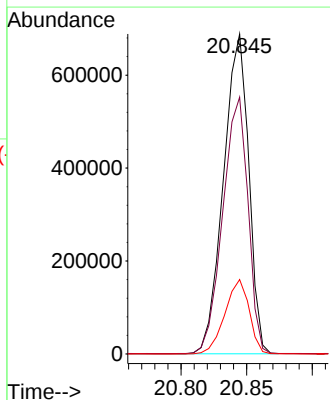
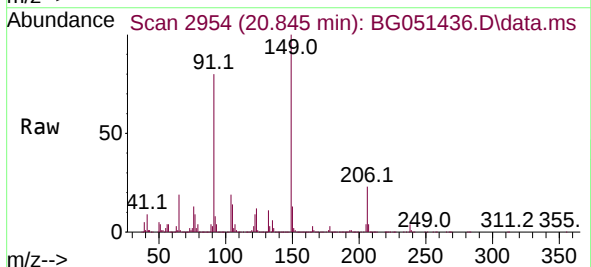
Manual Integrations
APPROVED

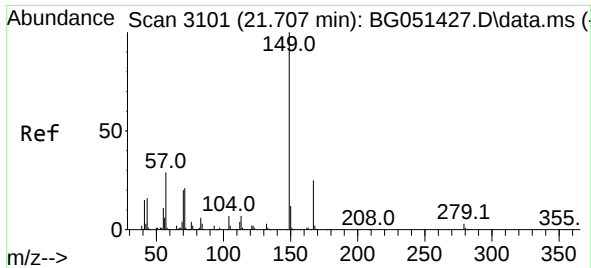
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021



#83
Butylbenzylphthalate
Concen: 153.573 ng/ul
RT: 20.845 min Scan# 2954
Delta R.T. 0.006 min
Lab File: BG051436.D
Acq: 9 Dec 2021 16:43

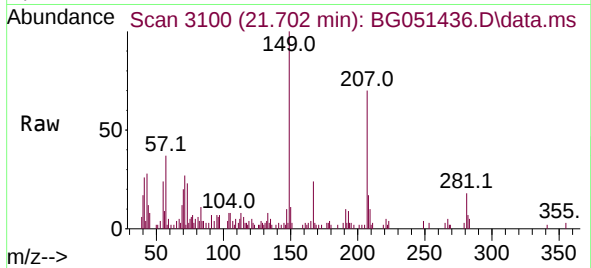
Tgt Ion:149 Resp: 920479
Ion Ratio Lower Upper
149 100
91 80.2 65.2 97.8
206 23.3 16.2 24.2





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.479 ng/ul
 RT: 21.702 min Scan# 3100
 Delta R.T. -0.006 min
 Lab File: BG051436.D
 Acq: 9 Dec 2021 16:43

Instrument :
 BNA_G
 ClientSampleId :
 BGKP6DL



Tgt Ion:	149	Resp:	12310
Ion Ratio	Lower	Upper	
149	100		
167	24.0	21.1	31.7
279	3.0	2.7	4.1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :Yogesh Patel 12/15/2021

