

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051122\
 Data File : BG053524.D
 Acq On : 11 May 2022 13:26
 Operator : CG/JU
 Sample : N2656-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 11 14:08:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	21313	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	92336	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	75143	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	176483	20.000	ng	0.00
76) Chrysene-d12	21.747	240	162914	20.000	ng	0.00
86) Perylene-d12	25.019	264	179673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	128562	102.373	ng	0.00
7) Phenol-d6	7.249	99	210746	110.575	ng	0.00
23) Nitrobenzene-d5	9.246	82	154275	71.123	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	136204	122.898	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	380279	73.952	ng	0.00
79) Terphenyl-d14	20.061	244	776262	88.744	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.654	128	137489	104.726	ng	98
11) bis(2-Chloroethyl)ether	7.496	93	136658	98.300	ng	96
12) 1,3-Dichlorobenzene	7.977	146	108484m	70.045	ng	
14) 1,2-Dichlorobenzene	8.441	146	84509	57.583	ng	96
18) Hexachloroethane	9.170	117	64850	109.267	ng	98
25) Isophorone	9.816	82	353346	96.793	ng	98
28) bis(2-Chloroethoxy)met...	10.292	93	285251	135.864	ng	96
29) 2,4-Dichlorophenol	10.550	162	225210	145.821	ng	94
31) Naphthalene	10.950	128	325218	69.241	ng	99
34) Hexachlorobutadiene	11.232	225	72148	55.448	ng	98
36) 4-Chloro-3-methylphenol	12.172	107	298947	161.820	ng	97
37) 2-Methylnaphthalene	12.548	142	323104	92.179	ng	98
47) 2-Chloronaphthalene	13.593	162	358955	89.448	ng	99
49) Acenaphthylene	14.439	152	573847	89.612	ng	99
50) Dimethylphthalate	14.163	163	975637	170.860	ng	98
52) Acenaphthene	14.780	154	612541	160.508	ng	98
55) Dibenzofuran	15.115	168	984566	143.632	ng	97
56) 4-Nitrophenol	14.939	139	184741	205.772	ng	84
57) 2,4-Dinitrotoluene	15.080	165	213947	126.876	ng	# 85
58) Fluorene	15.761	166	618614	112.458	ng	98
60) Diethylphthalate	15.520	149	447406	75.852	ng	100
61) 4-Chlorophenyl-phenyle...	15.749	204	402304	131.064	ng	100
67) 4-Bromophenyl-phenylether	16.642	248	294866	143.061	ng	95
71) Phenanthrene	17.500	178	603895	67.295	ng	98
74) Di-n-butylphthalate	18.410	149	1186054	121.993	ng	98
78) Pyrene	19.873	202	580146	55.010	ng	99
81) Benzo(a)anthracene	21.724	228	1330505	128.044	ng	97
83) Chrysene	21.794	228	873761	90.034	ng	96
84) Bis(2-ethylhexyl)phtha...	21.618	149	1172805	219.721	ng	# 95
85) Di-n-octyl phthalate	22.834	149	646097	71.582	ng	99
88) Benzo(b)fluoranthene	23.985	252	1176703	110.643	ng	99
90) Benzo(a)pyrene	24.872	252	760133	83.973	ng	99
92) Benzo(g,h,i)perylene	29.971	276	620605	60.718	ng	96

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

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Manual Integrations**APPROVED**

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

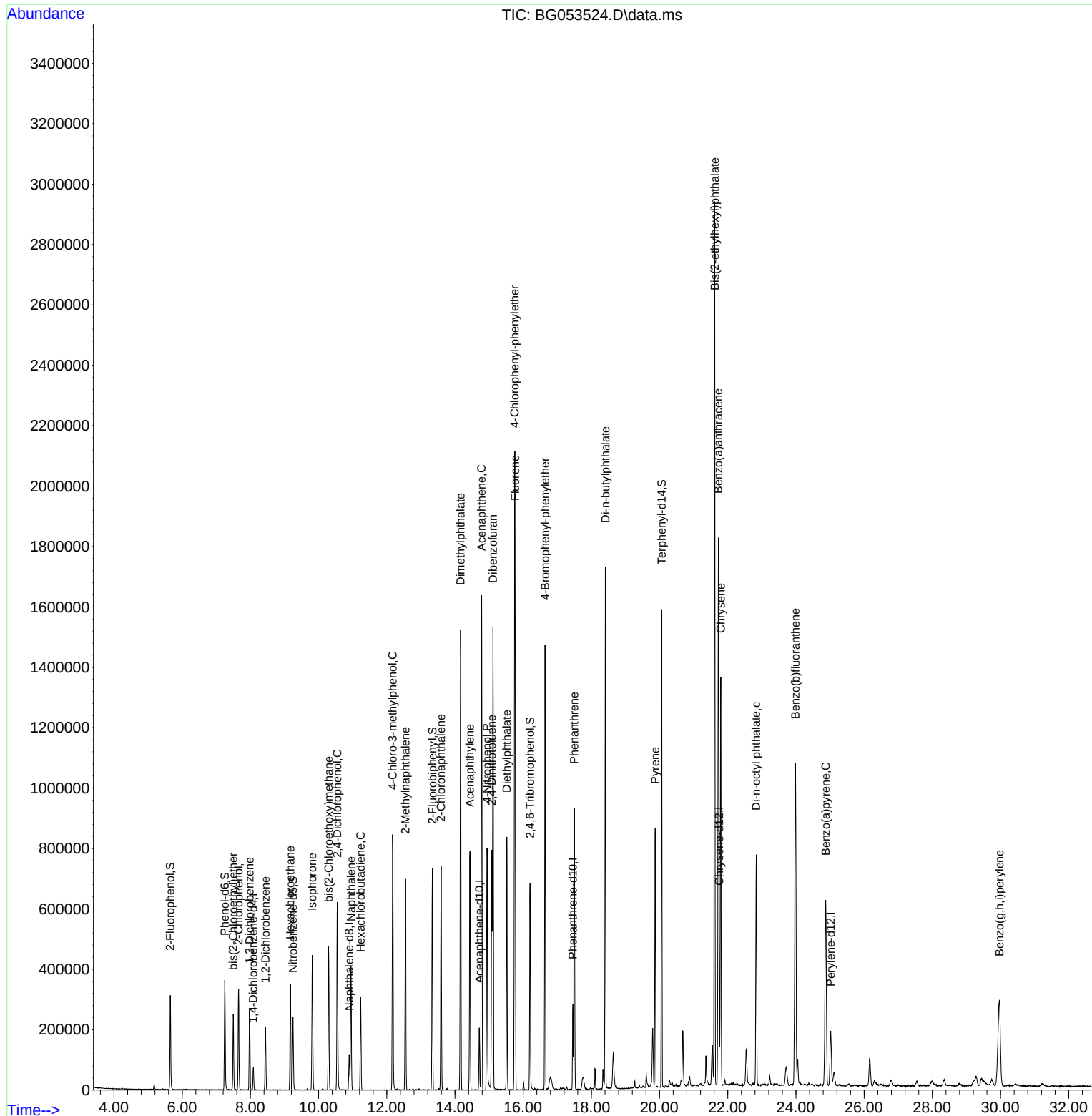
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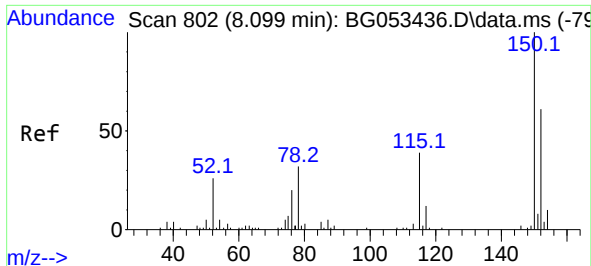
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BNA_G
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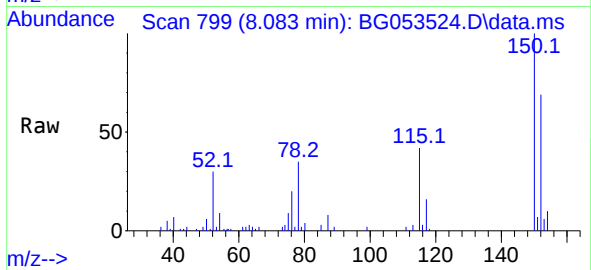
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.083 min Scan# 799
Delta R.T. -0.006 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

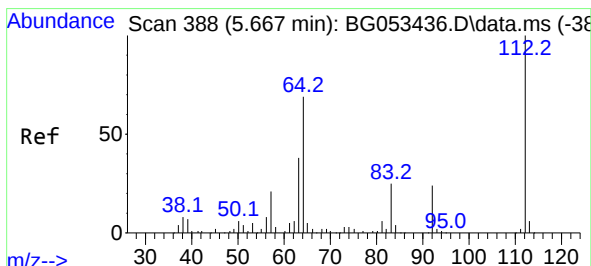
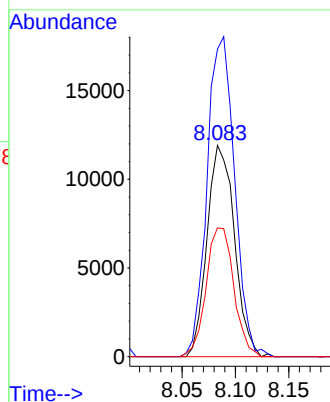
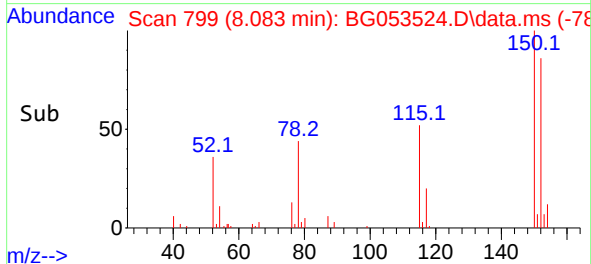


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Ion Ratio Lower Upper
152 100
150 145.4 131.6 197.4
115 60.9 50.9 76.3

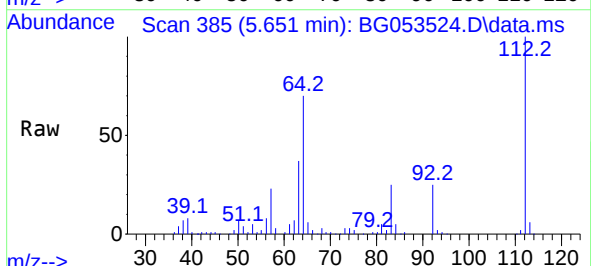
Manual Integrations

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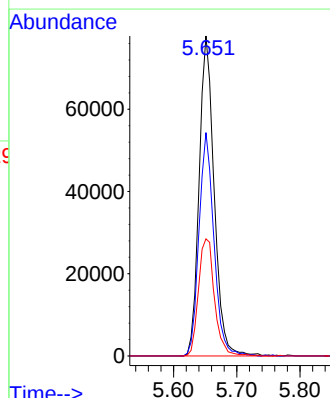
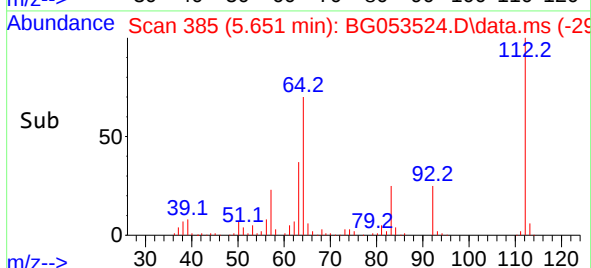
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

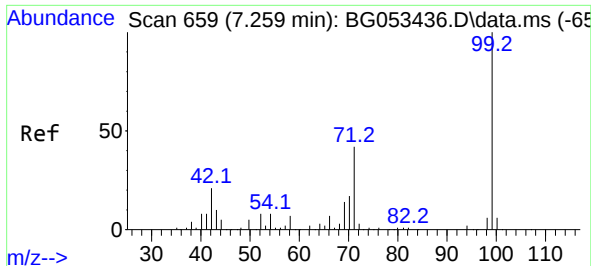


#5
2-Fluorophenol
Concen: 102.373 ng
RT: 5.651 min Scan# 385
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26



Tgt Ion:112 Resp: 128562
Ion Ratio Lower Upper
112 100
64 69.8 55.1 82.7
63 36.6 30.4 45.6





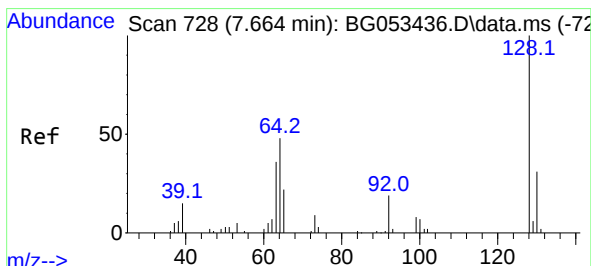
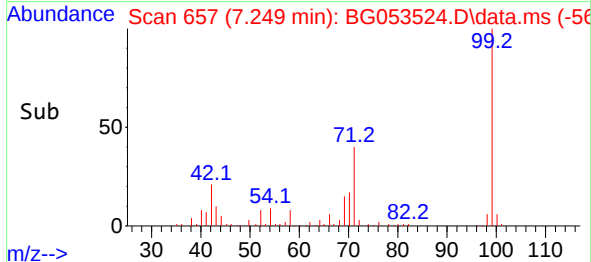
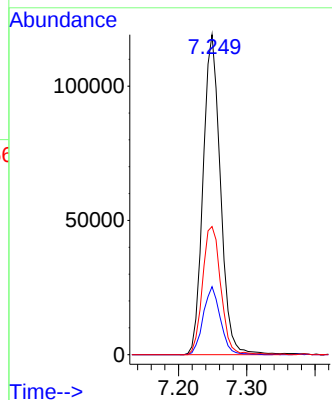
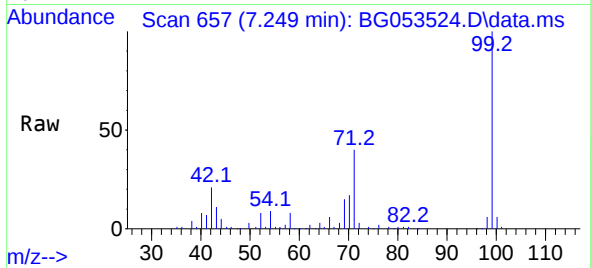
#7
Phenol-d6
Concen: 110.575 ng
RT: 7.249 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tgt Ion: 99 Resp: 210740
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 40.1 33.8 50.8

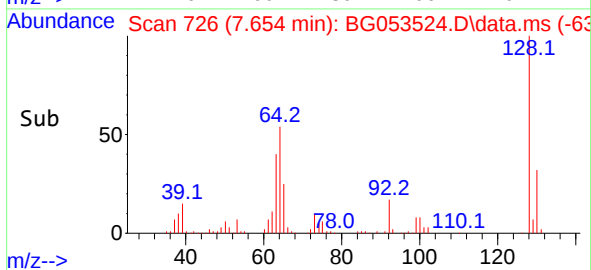
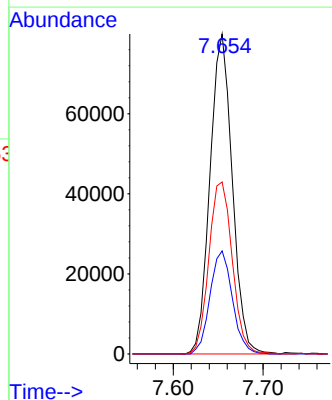
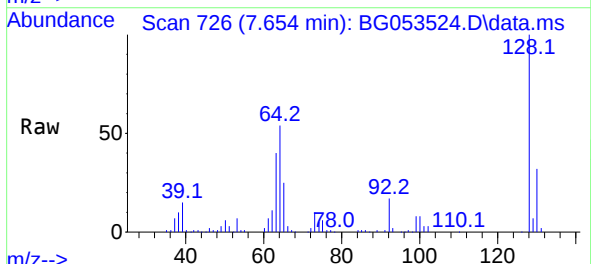
Manual Integrations
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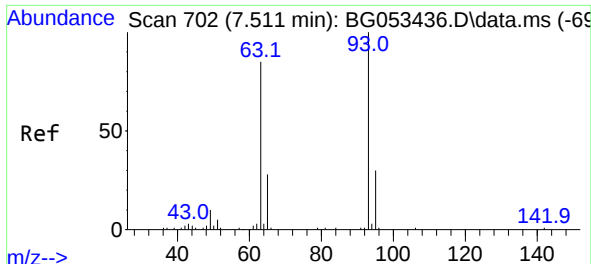
Reviewed By :Christian Giraldo 05/17/2022
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#8
2-Chlorophenol
Concen: 104.726 ng
RT: 7.654 min Scan# 726
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion:128 Resp: 137489
Ion Ratio Lower Upper
128 100
130 32.2 10.5 50.5
64 53.7 35.1 75.1





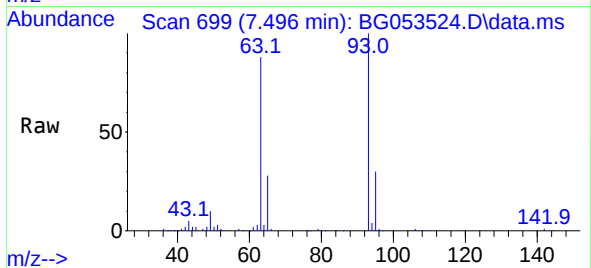
#11
bis(2-Chloroethyl)ether
Concen: 98.300 ng
RT: 7.496 min Scan# 699
Delta R.T. -0.006 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

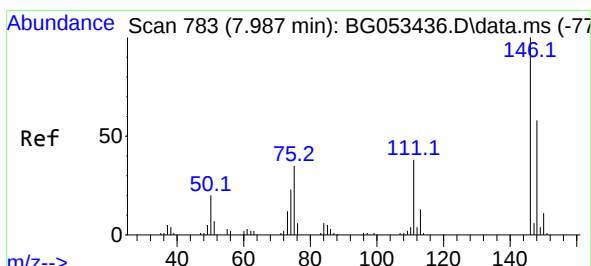
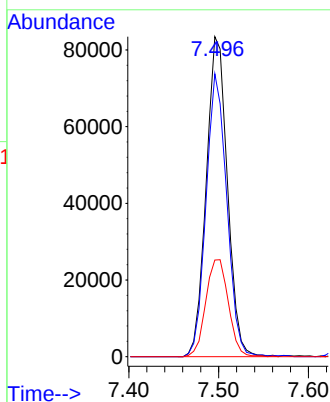
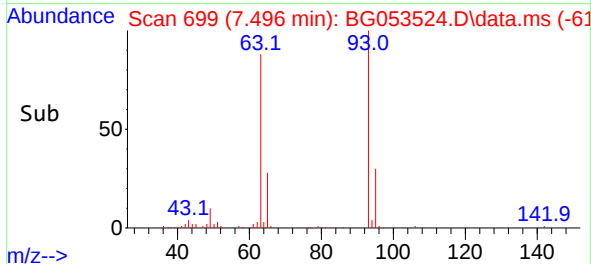


Tgt Ion: 93 Resp: 136658
Ion Ratio Lower Upper
93 100
63 88.4 63.6 103.6
95 30.2 10.1 50.1

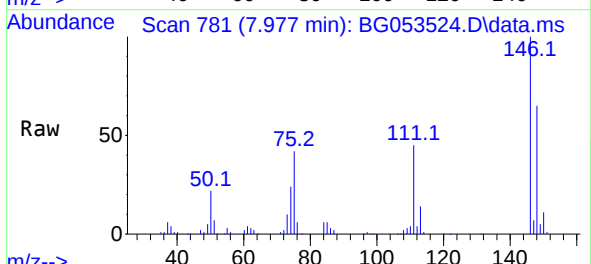
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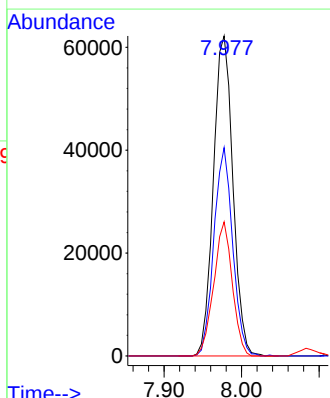
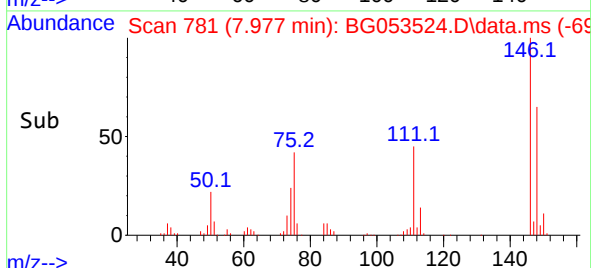
Reviewed By :Christian Giraldo 05/17/2022
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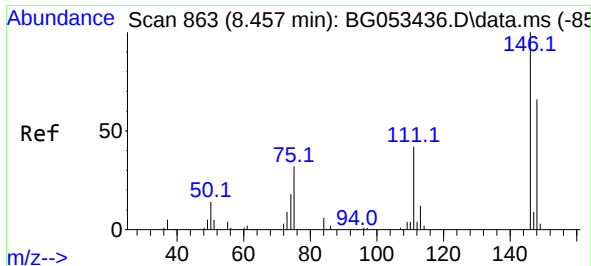


#12
1,3-Dichlorobenzene
Concen: 70.045 ng m
RT: 7.977 min Scan# 781
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26



Tgt Ion:146 Resp: 108484
Ion Ratio Lower Upper
146 100
148 65.1 46.1 69.1
75 41.9 27.6 41.4#





#14

1,2-Dichlorobenzene

Concen: 57.583 ng

RT: 8.441 min Scan# 80

Delta R.T. -0.000 min

Lab File: BG053524.D

Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tgt Ion:146 Resp: 84509

Ion Ratio Lower Upper

146 100

148 61.2 52.6 78.8

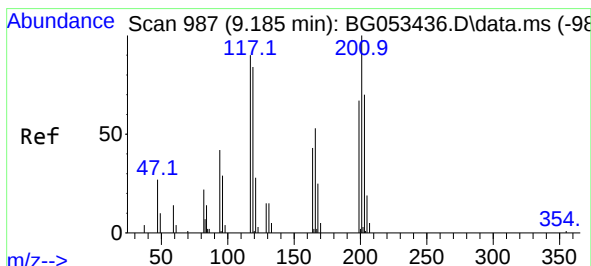
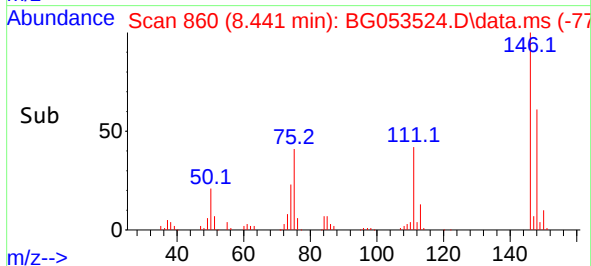
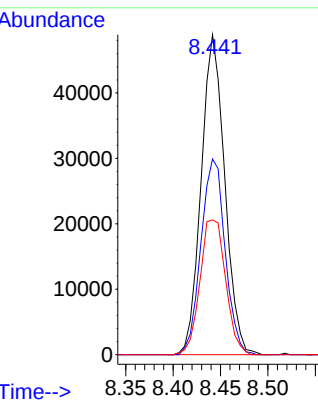
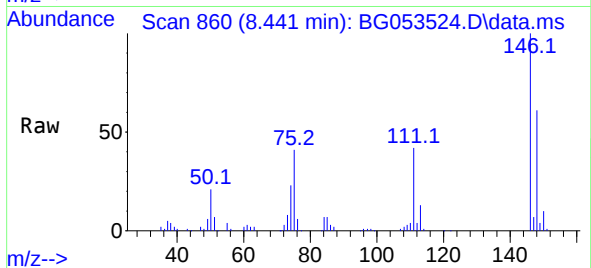
111 42.1 34.5 51.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/17/2022



#18

Hexachloroethane

Concen: 109.267 ng

RT: 9.170 min Scan# 984

Delta R.T. -0.006 min

Lab File: BG053524.D

Acq: 11 May 2022 13:26

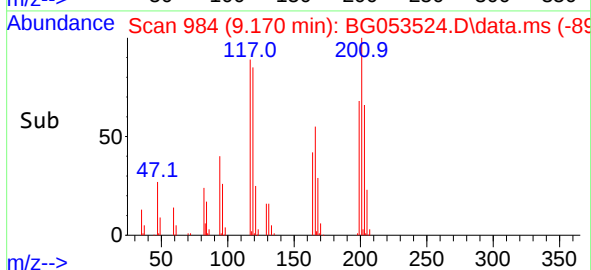
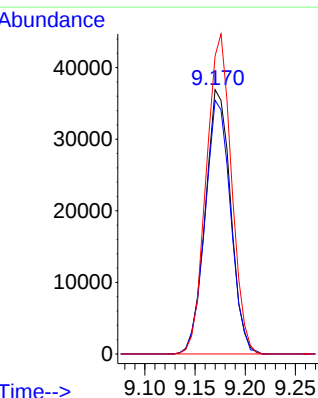
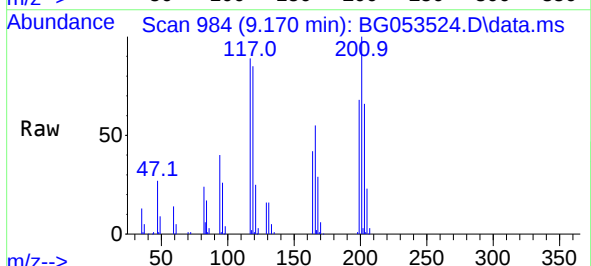
Tgt Ion:117 Resp: 64850

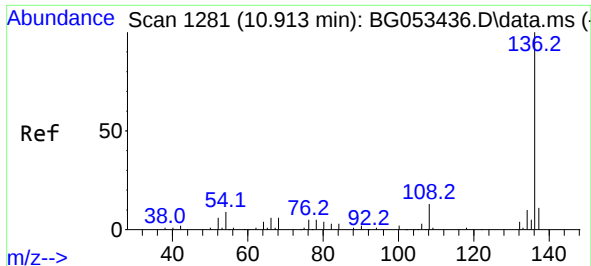
Ion Ratio Lower Upper

117 100

119 95.9 75.0 112.6

201 112.7 89.0 133.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 1097
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

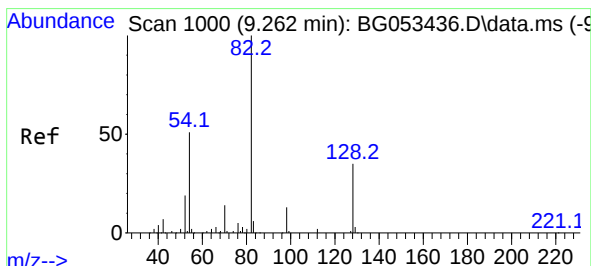
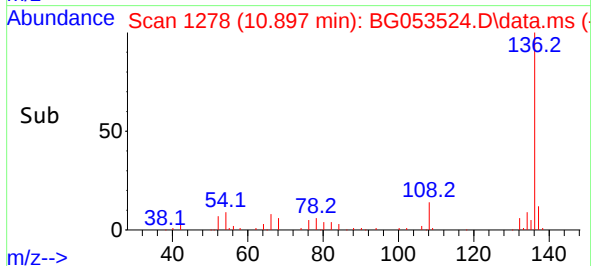
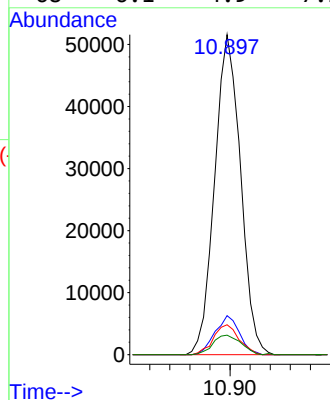
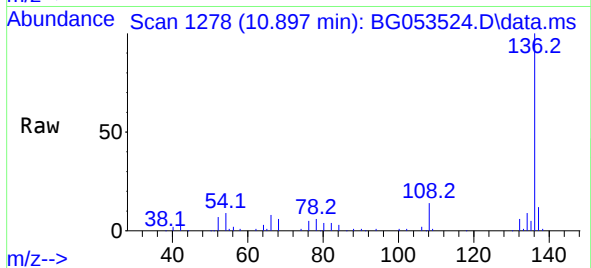
PT-BNA-SOIL

Tgt Ion:136	Resp:	92330
Ion	Ratio	Lower Upper
136	100	
137	12.2	8.5 12.7
54	9.3	7.4 11.2
68	6.1	4.9 7.3

Manual Integrations

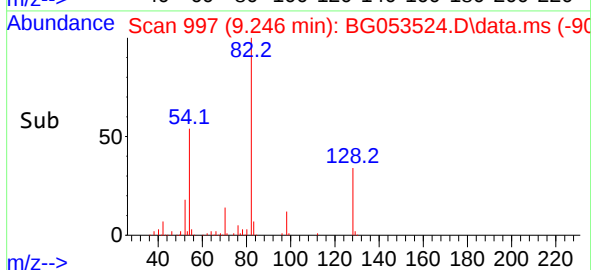
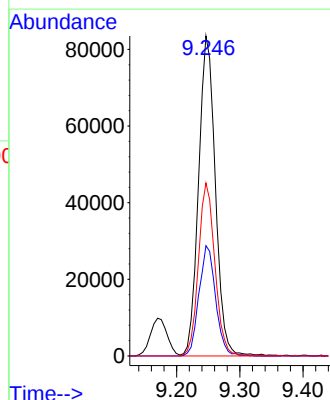
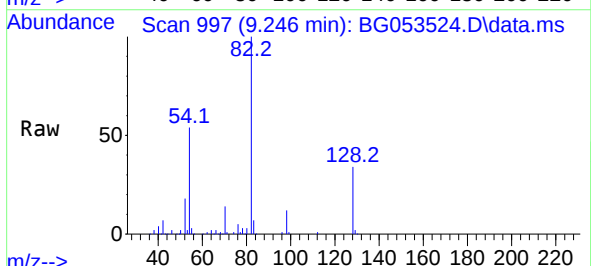
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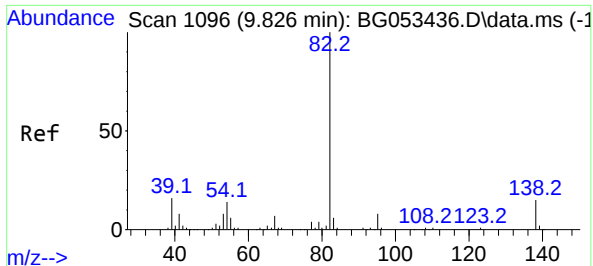
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#23
Nitrobenzene-d5
Concen: 71.123 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.006 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion: 82	Resp:	154275
Ion	Ratio	Lower Upper
82	100	
128	34.5	27.9 41.9
54	54.1	41.2 61.8





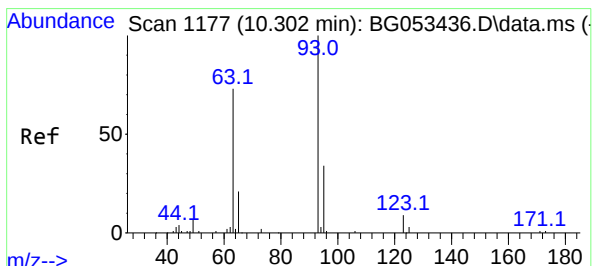
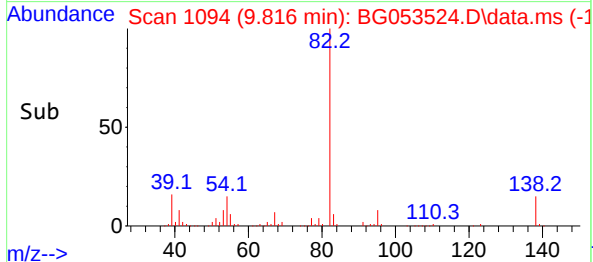
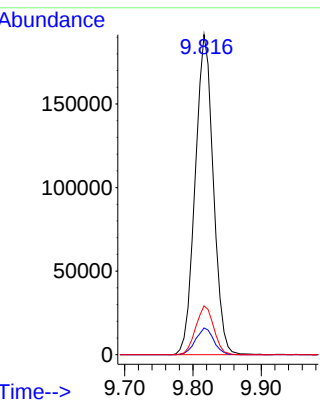
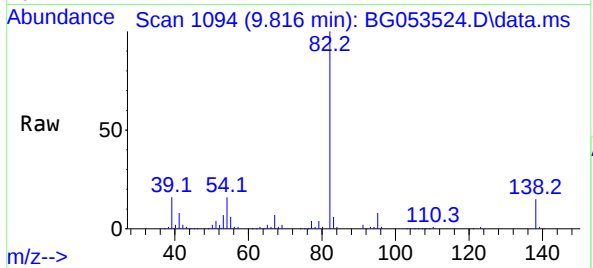
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Isophorone
Concen: 96.793 ng
RT: 9.816 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tgt Ion: 82 Resp: 353340
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.4
138 15.3 11.6 17.4

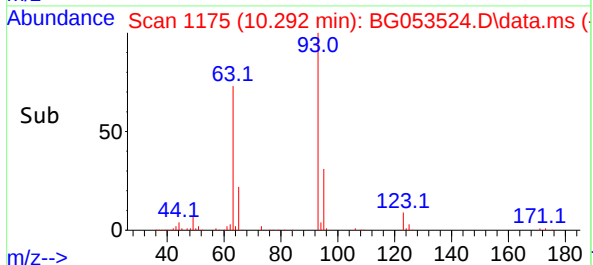
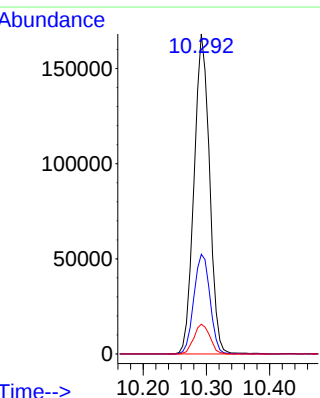
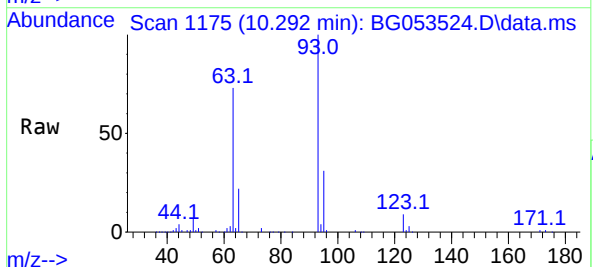
Manual Integrations
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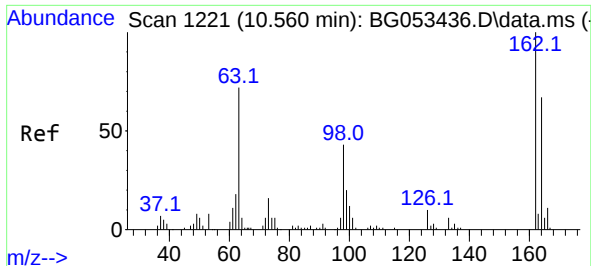
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#28
bis(2-Chloroethoxy)methane
Concen: 135.864 ng
RT: 10.292 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion: 93 Resp: 285251
Ion Ratio Lower Upper
93 100
95 31.2 26.9 40.3
123 9.3 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 145.821 ng

RT: 10.550 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG053524.D

Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tgt Ion:162 Resp: 225210

Ion Ratio Lower Upper

162 100

164 64.0 46.6 86.6

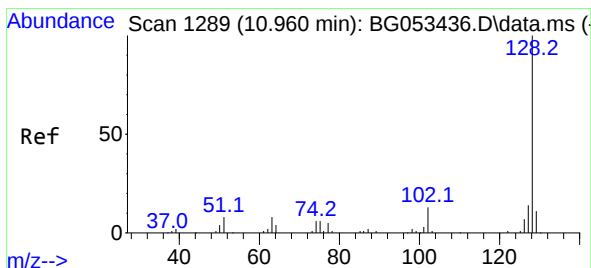
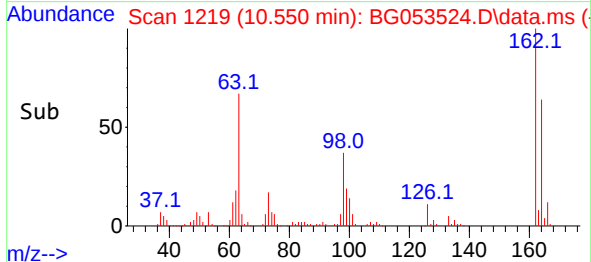
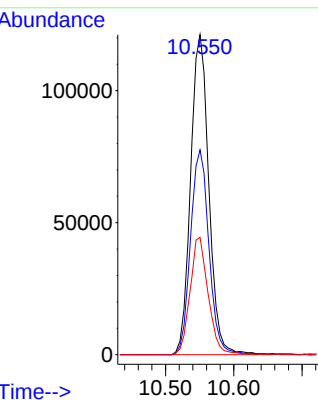
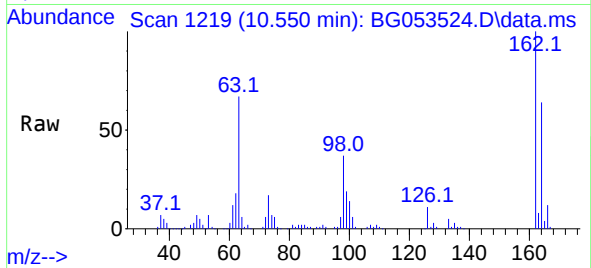
98 36.7 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/17/2022

Supervised By :Jagrut Upadhyay 05/17/2022



#31

Naphthalene

Concen: 69.241 ng

RT: 10.950 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BG053524.D

Acq: 11 May 2022 13:26

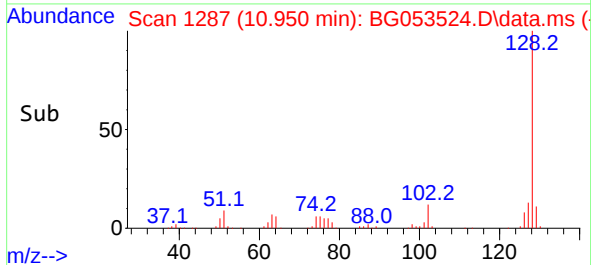
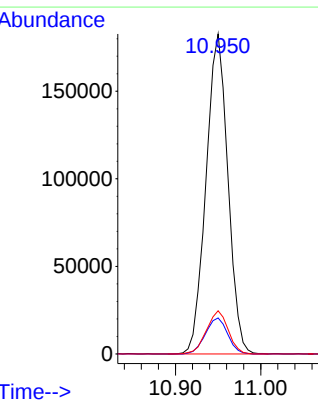
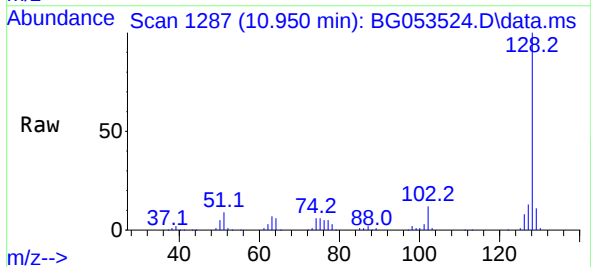
Tgt Ion:128 Resp: 325218

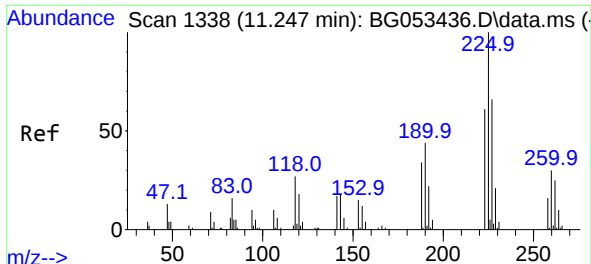
Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.5 11.1 16.7





#34
Hexachlorobutadiene
Concen: 55.448 ng
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

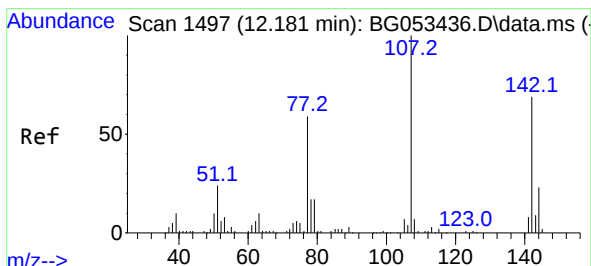
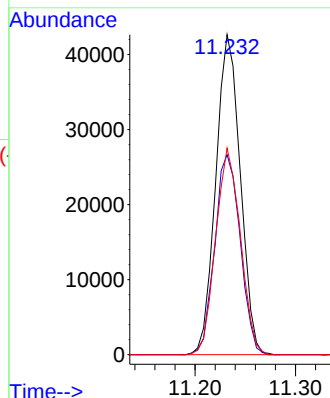
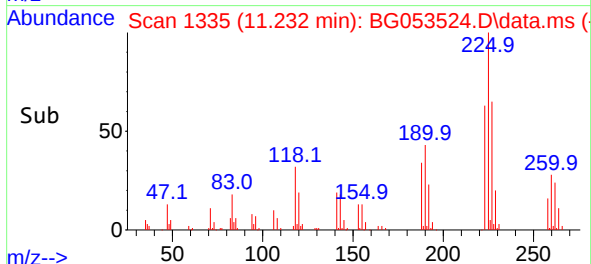
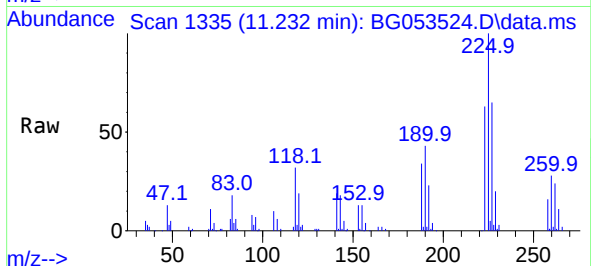
PT-BNA-SOIL

Tgt Ion:225 Resp: 72148
Ion Ratio Lower Upper
225 100
223 62.5 48.9 73.3
227 64.6 52.8 79.2

Manual Integrations

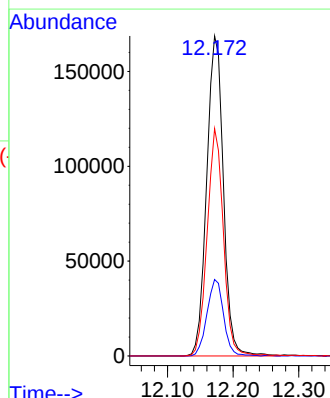
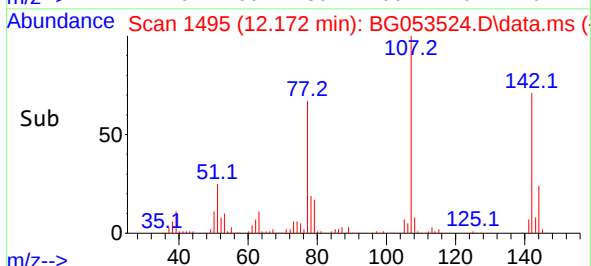
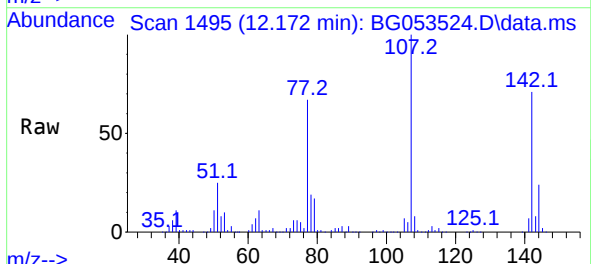
APPROVED

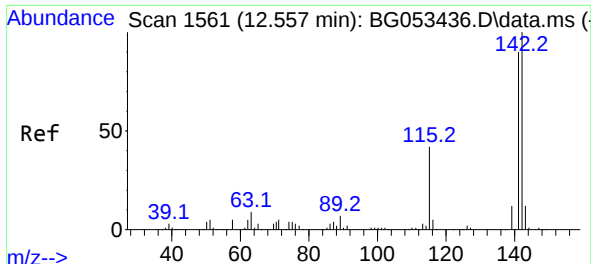
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#36
4-Chloro-3-methylphenol
Concen: 161.820 ng
RT: 12.172 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion:107 Resp: 298947
Ion Ratio Lower Upper
107 100
144 23.9 18.5 27.7
142 71.0 55.0 82.4





#37
2-Methylnaphthalene
Concen: 92.179 ng
RT: 12.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

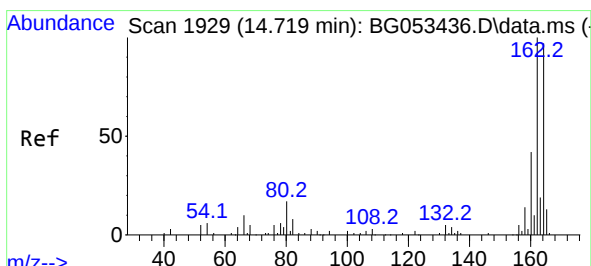
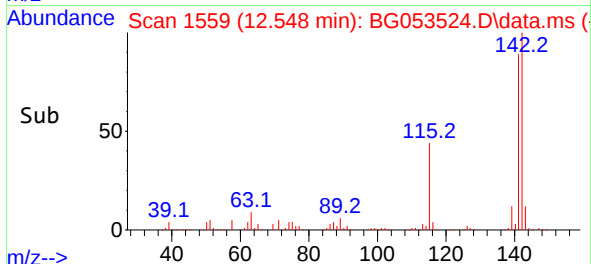
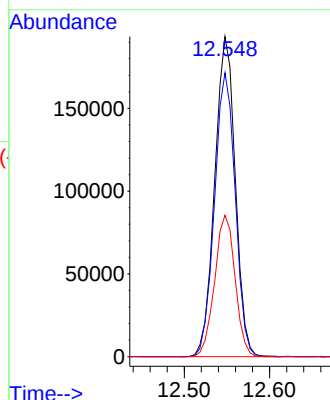
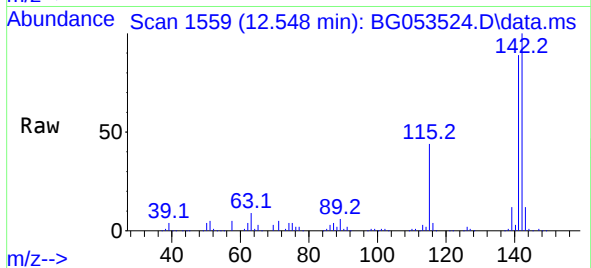
PT-BNA-SOIL

Tgt Ion:142 Resp: 323104
Ion Ratio Lower Upper
142 100
141 88.7 72.3 108.5
115 44.2 33.7 50.5

Manual Integrations

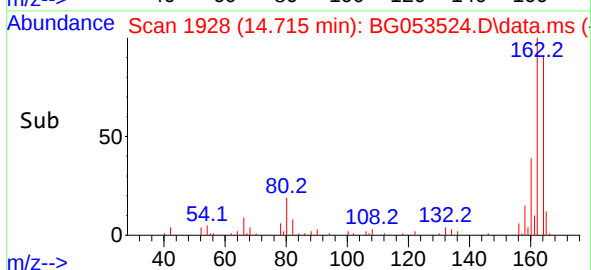
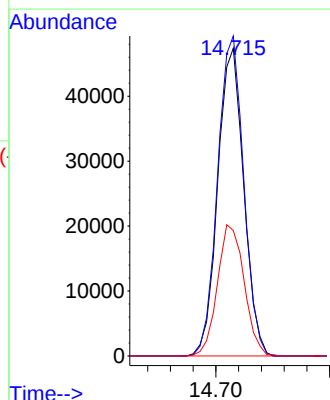
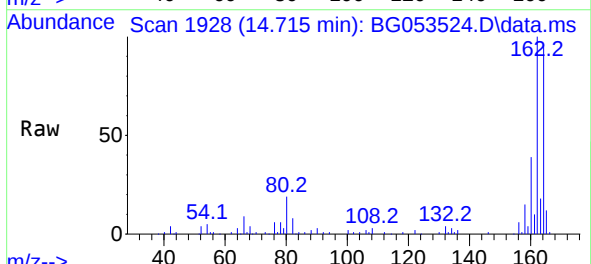
APPROVED

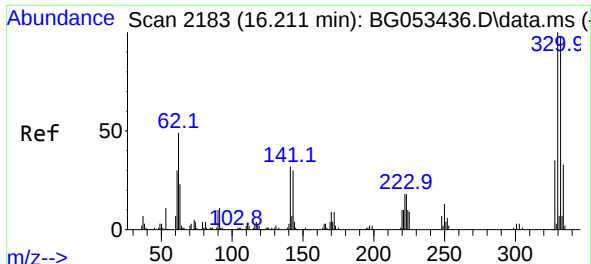
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion:164 Resp: 75143
Ion Ratio Lower Upper
164 100
162 103.9 82.3 123.5
160 40.7 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 122.898 ng
RT: 16.202 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

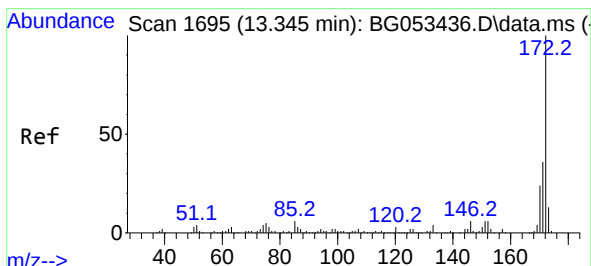
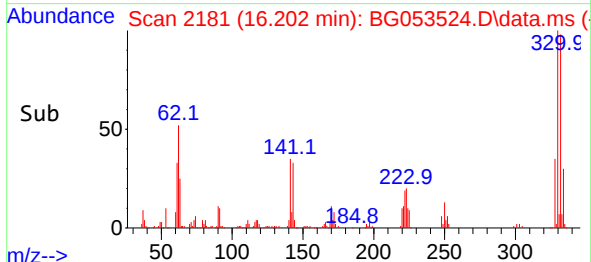
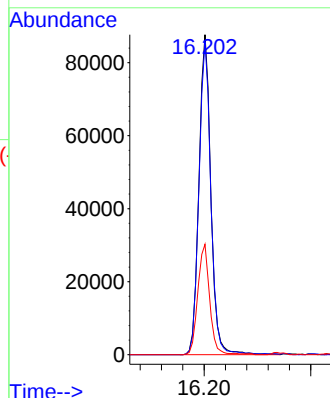
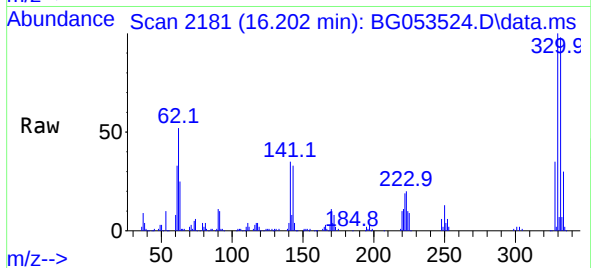
PT-BNA-SOIL

Tgt Ion:330 Resp: 136204
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 34.1 27.1 40.7

Manual Integrations

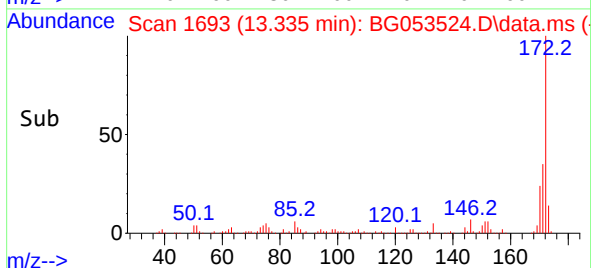
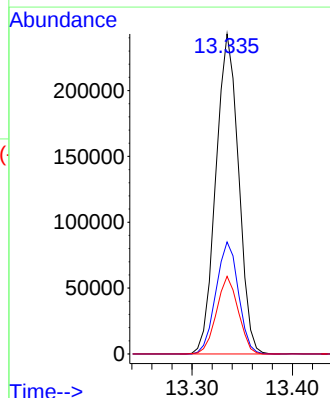
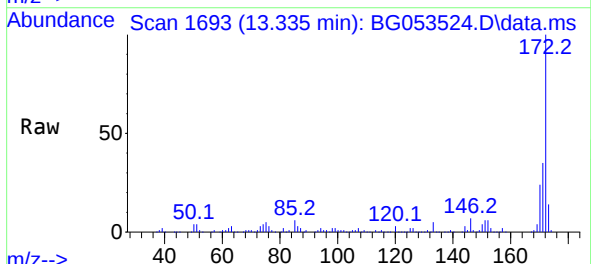
APPROVED

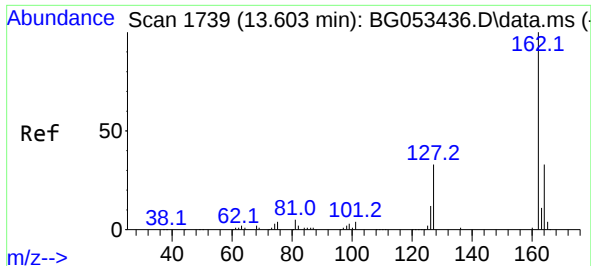
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#45
2-Fluorobiphenyl
Concen: 73.952 ng
RT: 13.335 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion:172 Resp: 380279
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 24.2 18.9 28.3





#47
2-Chloronaphthalene
Concen: 89.448 ng
RT: 13.593 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

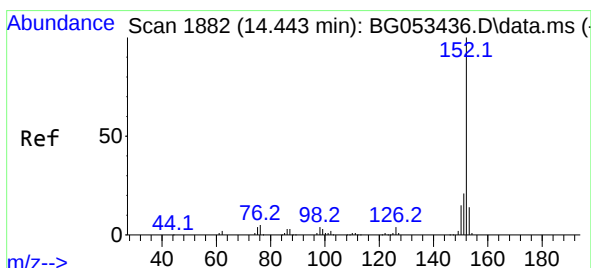
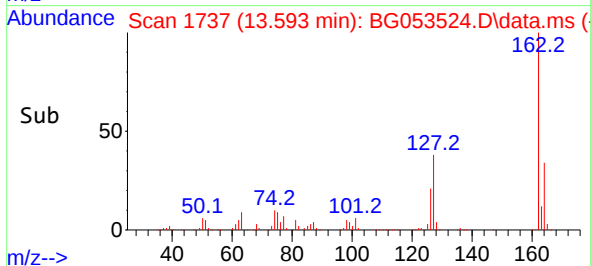
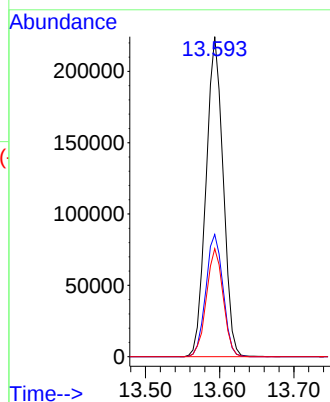
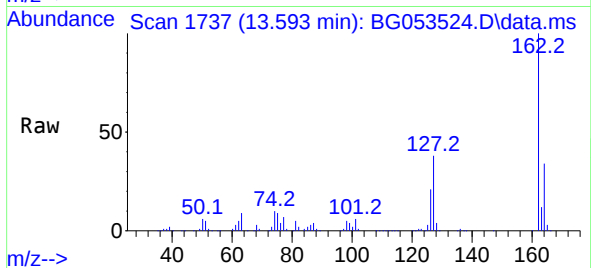
PT-BNA-SOIL

Tgt Ion:162 Resp: 35895
Ion Ratio Lower Upper
162 100
127 38.2 30.6 45.8
164 33.7 26.5 39.7

Manual Integrations

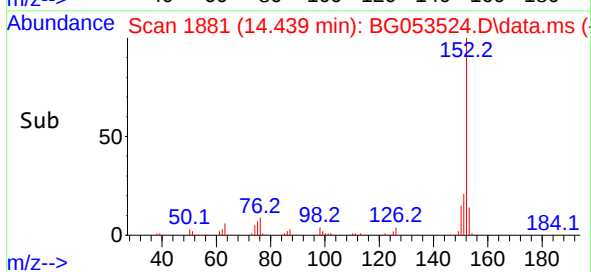
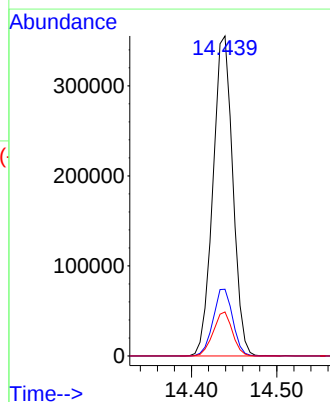
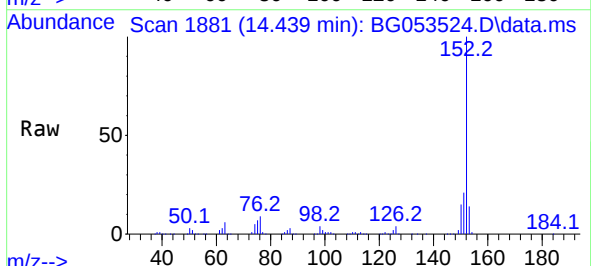
APPROVED

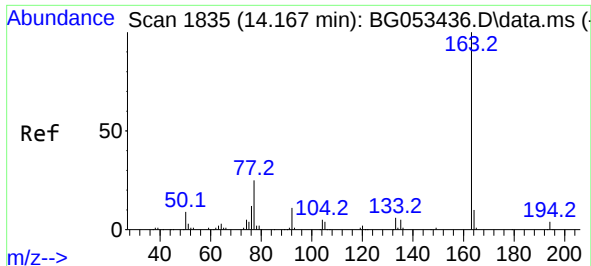
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#49
Acenaphthylene
Concen: 89.612 ng
RT: 14.439 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion:152 Resp: 573847
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.8 10.8 16.2





#50
Dimethylphthalate
Concen: 170.860 ng
RT: 14.163 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

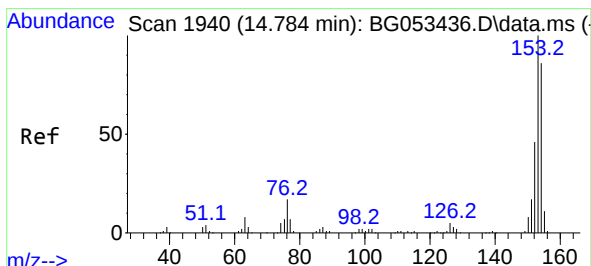
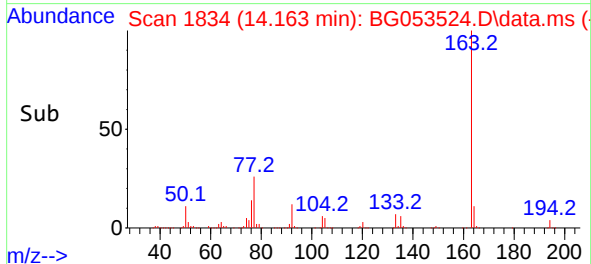
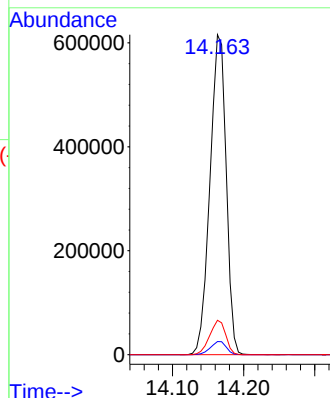
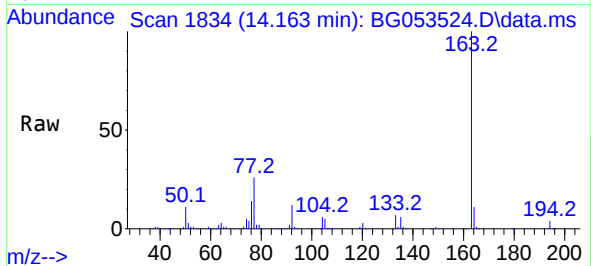
PT-BNA-SOIL

Tgt Ion:163 Resp: 97563
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.8 8.0 12.0

Manual Integrations

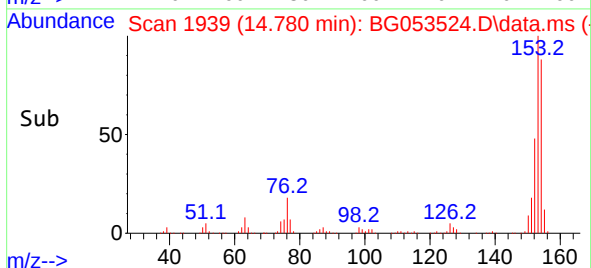
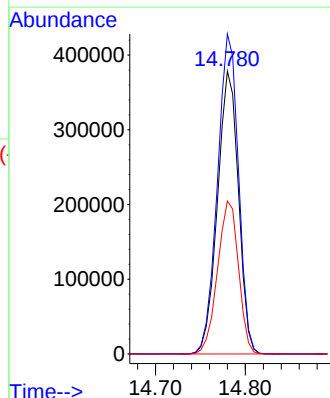
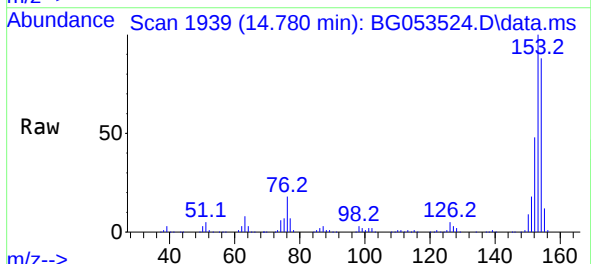
APPROVED

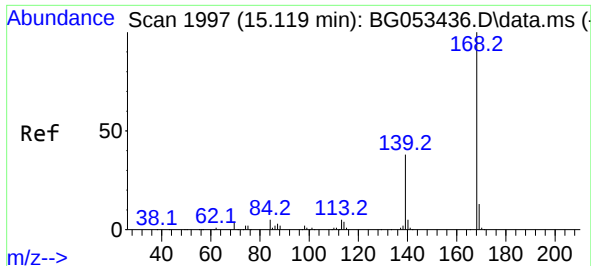
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#52
Acenaphthene
Concen: 160.508 ng
RT: 14.780 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

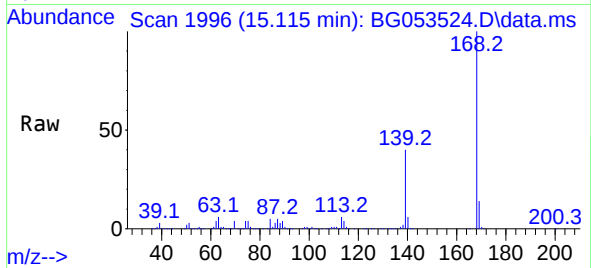
Tgt Ion:154 Resp: 612541
Ion Ratio Lower Upper
154 100
153 113.1 92.7 139.1
152 54.1 42.6 64.0





#55
Dibenzenofuran
Concen: 143.632 ng
RT: 15.115 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

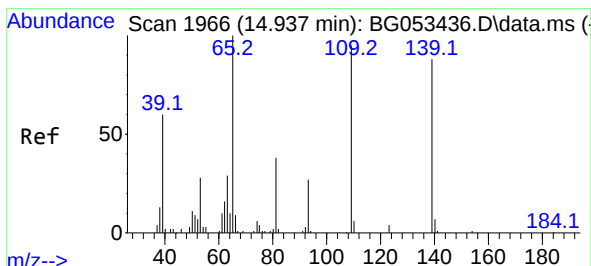
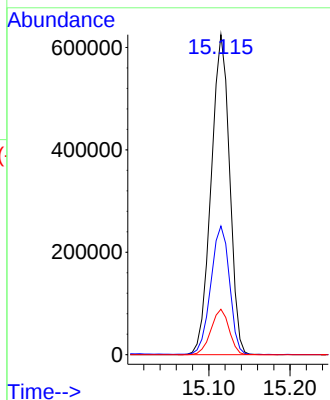
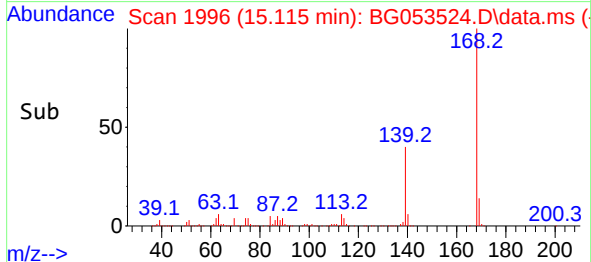
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL



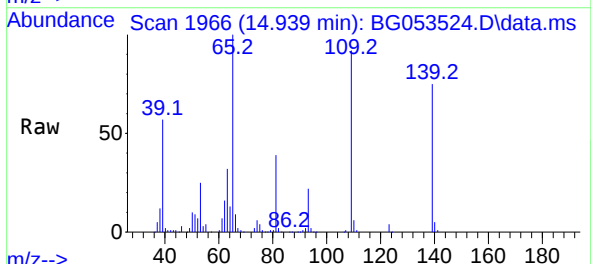
Tgt Ion:168 Resp: 984560
Ion Ratio Lower Upper
168 100
139 40.2 30.5 45.7
169 14.2 10.3 15.5

Manual Integrations
APPROVED

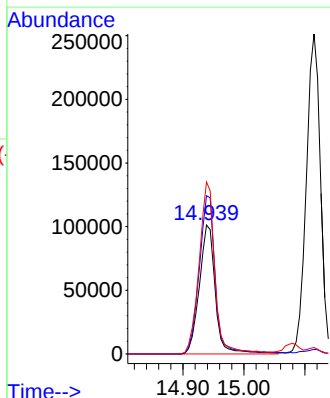
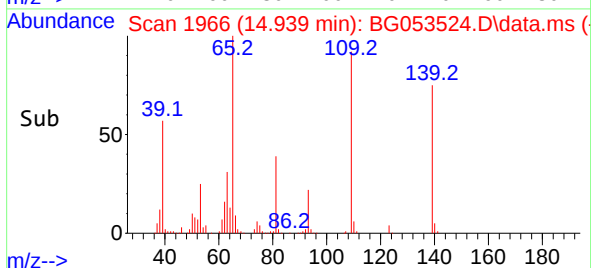
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

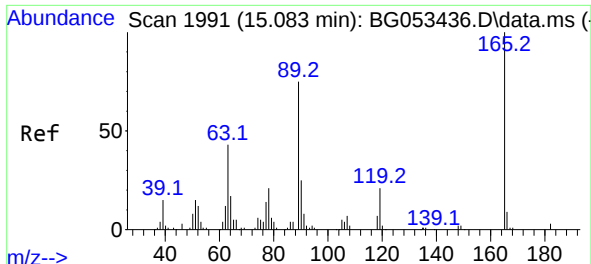


#56
4-Nitrophenol
Concen: 205.772 ng
RT: 14.939 min Scan# 1966
Delta R.T. 0.005 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26



Tgt Ion:139 Resp: 184741
Ion Ratio Lower Upper
139 100
109 122.6 88.5 128.5
65 133.4 93.9 133.9





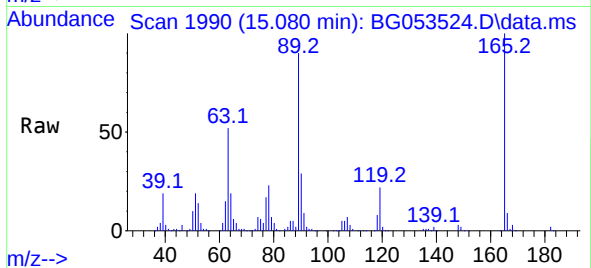
#57
2,4-Dinitrotoluene
Concen: 126.876 ng
RT: 15.080 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

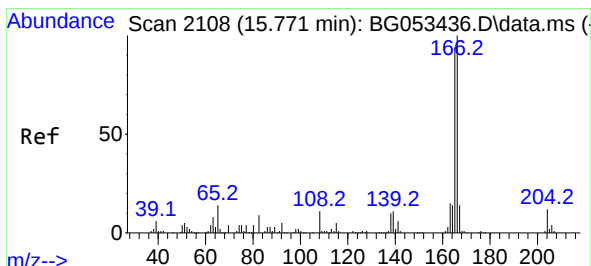
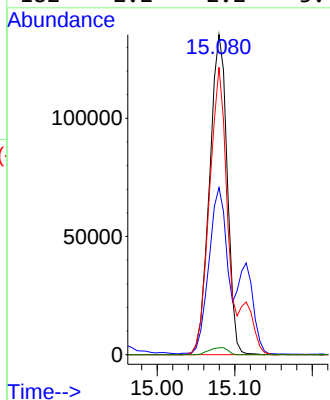
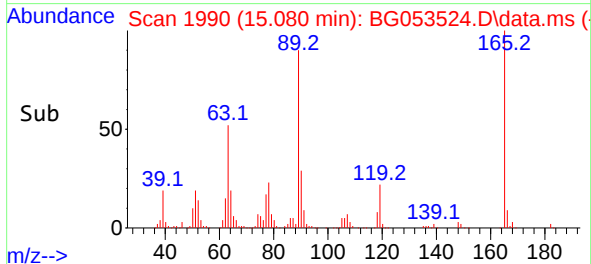


Tgt Ion:165 Resp: 21394
Ion Ratio Lower Upper
165 100
63 52.2 34.6 52.0
89 89.8 60.3 90.5
182 2.2 2.2 3.4#

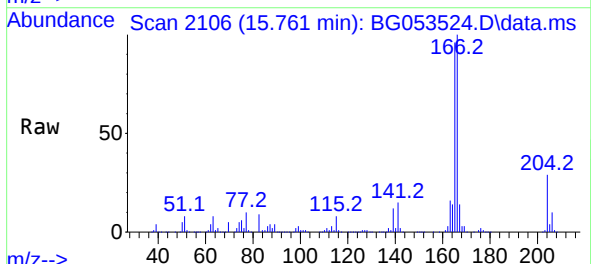
Manual Integrations

APPROVED

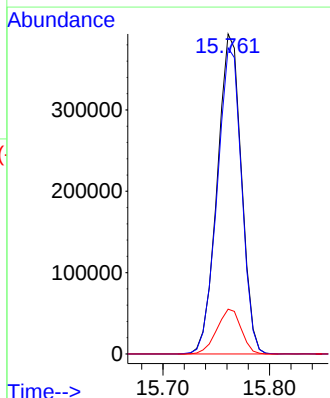
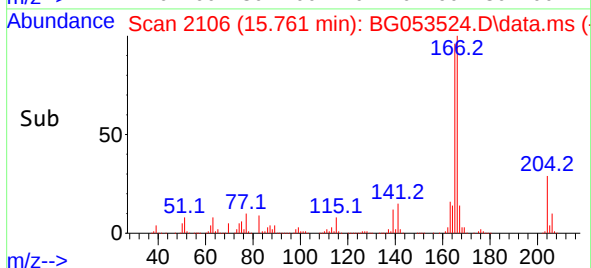
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

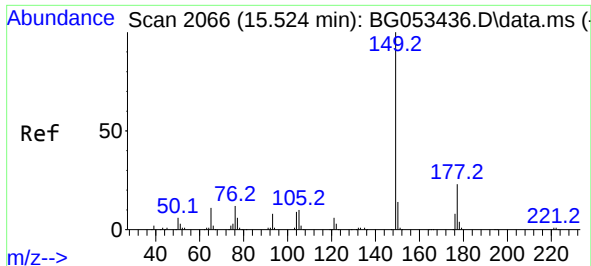


#58
Fluorene
Concen: 112.458 ng
RT: 15.761 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26



Tgt Ion:166 Resp: 618614
Ion Ratio Lower Upper
166 100
165 95.7 75.0 112.6
167 14.0 10.8 16.2





#60
Diethylphthalate
Concen: 75.852 ng
RT: 15.520 min Scan# 2066
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

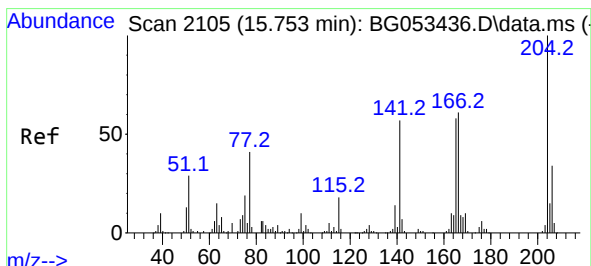
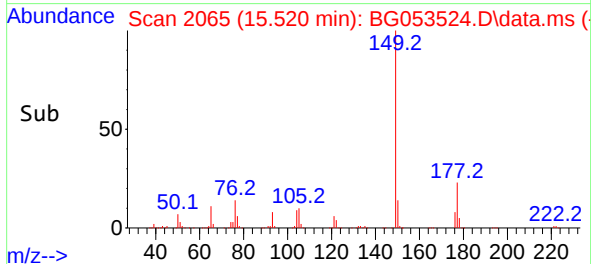
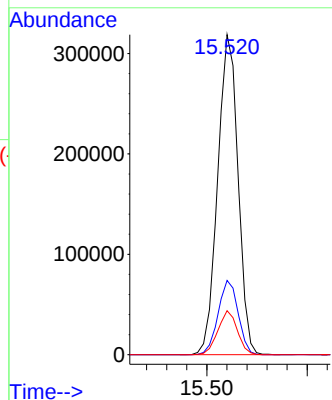
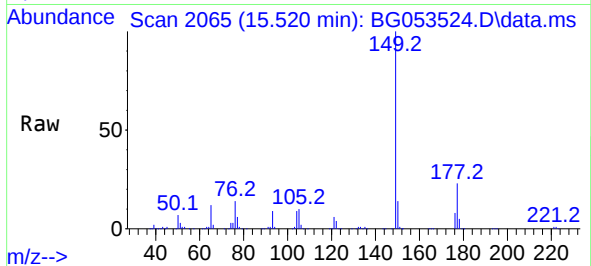
PT-BNA-SOIL

Tgt Ion:149 Resp: 447400
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 13.8 11.2 16.8

Manual Integrations

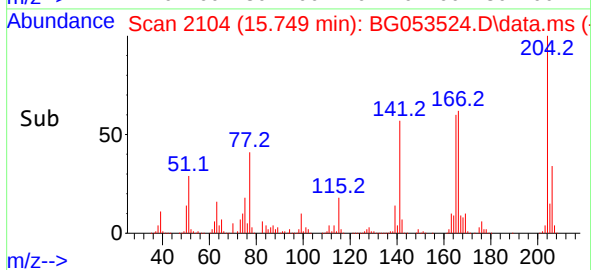
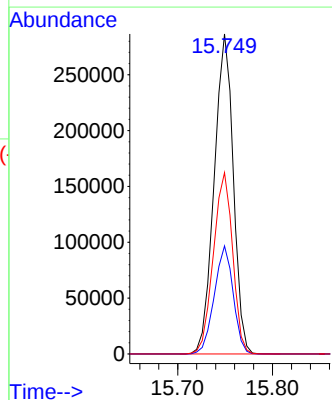
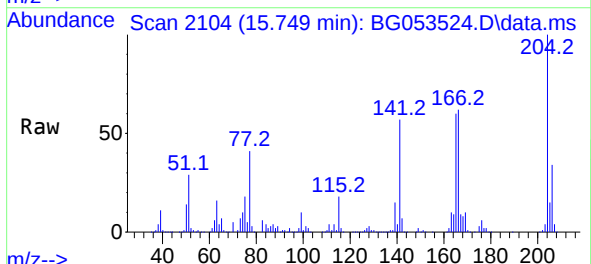
APPROVED

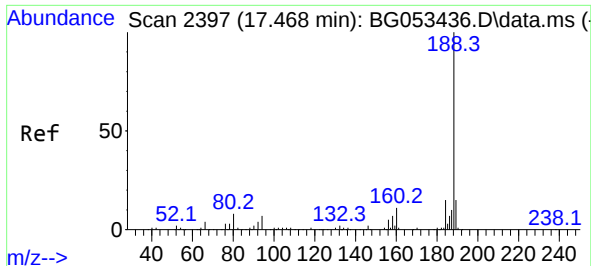
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#61
4-Chlorophenyl-phenylether
Concen: 131.064 ng
RT: 15.749 min Scan# 2104
Delta R.T. 0.006 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion:204 Resp: 402304
Ion Ratio Lower Upper
204 100
206 33.7 27.5 41.3
141 56.6 45.3 67.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

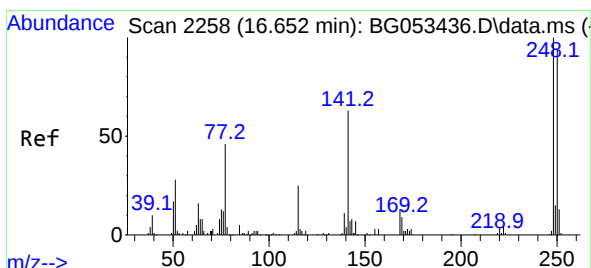
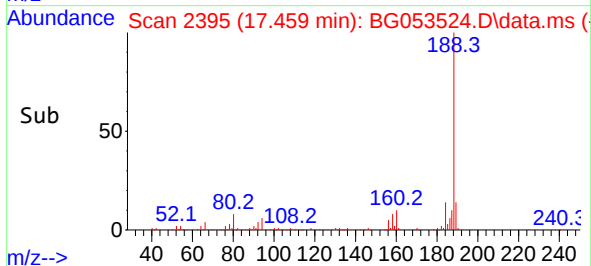
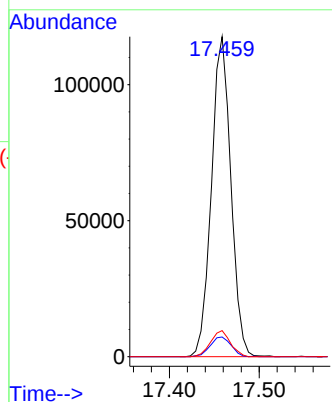
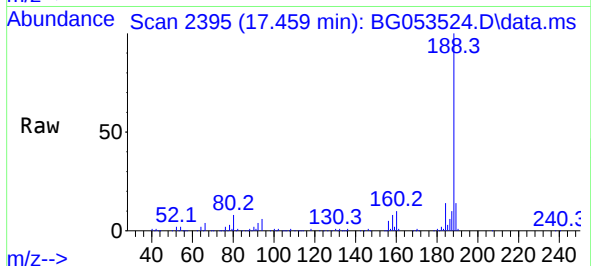
PT-BNA-SOIL

Tgt Ion:188 Resp: 17648
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 8.2 6.8 10.2

Manual Integrations

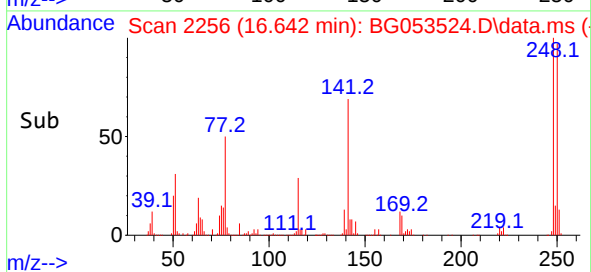
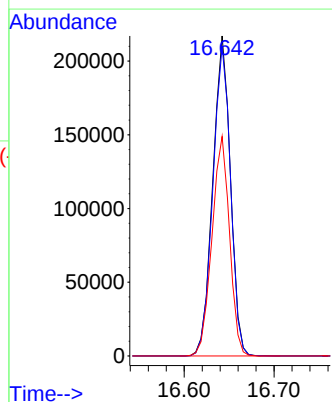
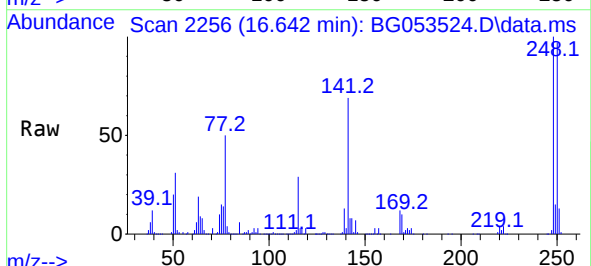
APPROVED

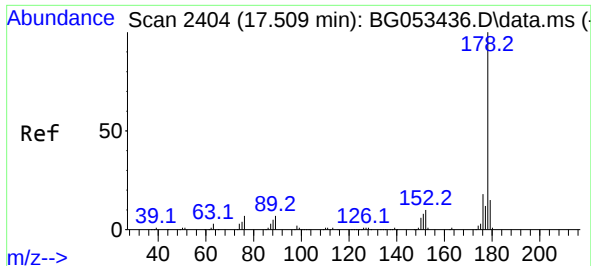
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#67
4-Bromophenyl-phenylether
Concen: 143.061 ng
RT: 16.642 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion:248 Resp: 294866
Ion Ratio Lower Upper
248 100
250 96.8 75.2 112.8
141 68.6 50.0 75.0





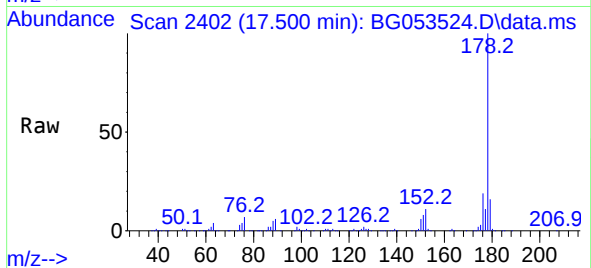
#71
Phenanthrene
Concen: 67.295 ng
RT: 17.500 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

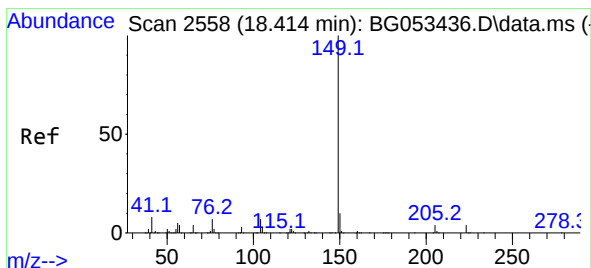
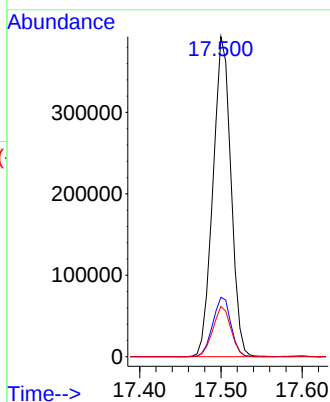
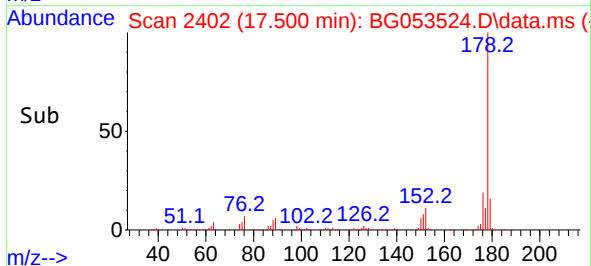


Tgt Ion:178 Resp: 60389
Ion Ratio Lower Upper
178 100
176 18.5 14.1 21.1
179 15.7 12.1 18.1

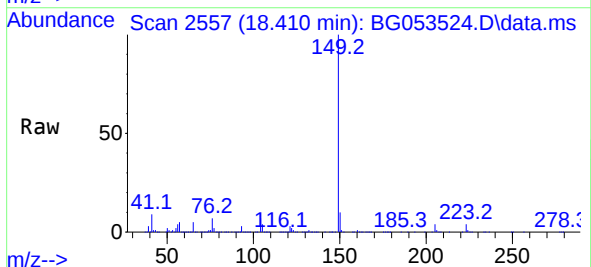
Manual Integrations

APPROVED

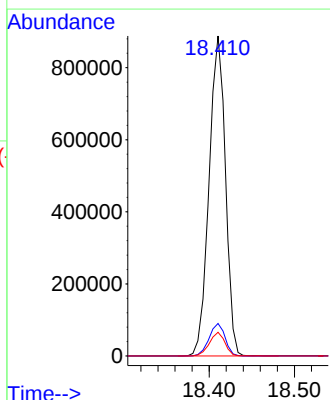
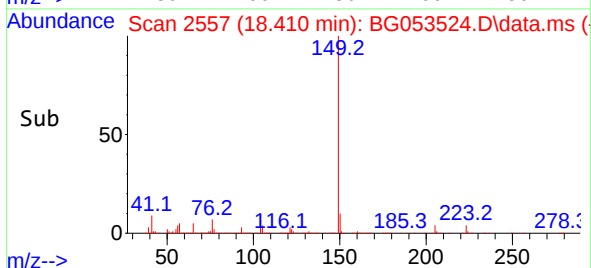
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

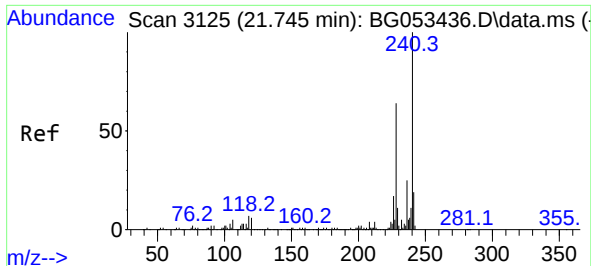


#74
Di-n-butylphthalate
Concen: 121.993 ng
RT: 18.410 min Scan# 2557
Delta R.T. 0.006 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26



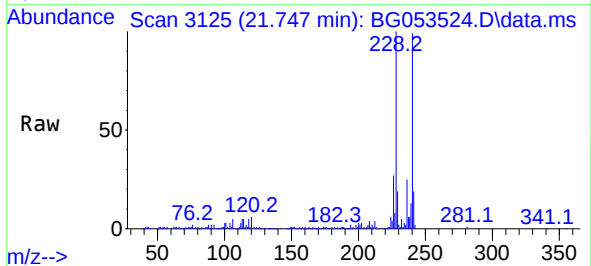
Tgt Ion:149 Resp: 1186054
Ion Ratio Lower Upper
149 100
150 10.2 7.7 11.5
104 7.4 5.4 8.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.747 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

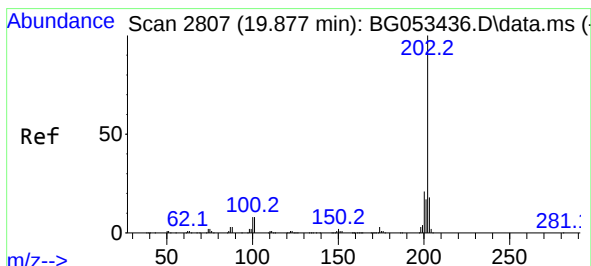
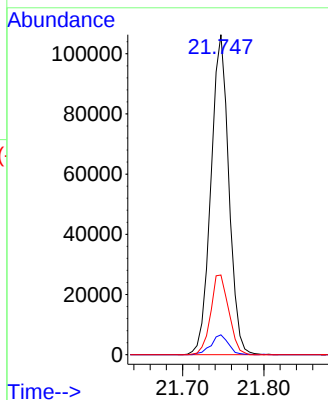
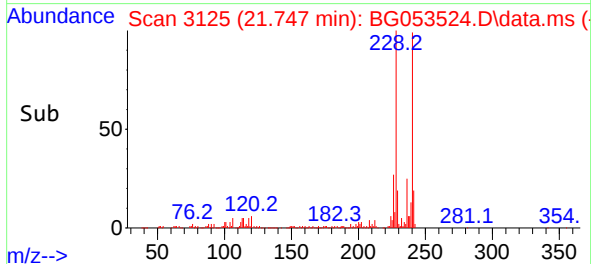
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL



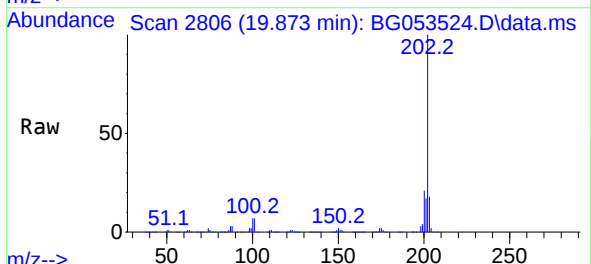
Tgt Ion:240 Resp: 162914
Ion Ratio Lower Upper
240 100
120 6.2 4.6 7.0
236 24.9 20.2 30.4

Manual Integrations
APPROVED

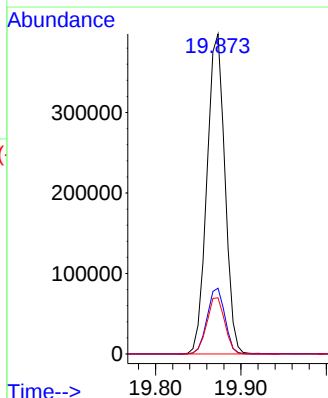
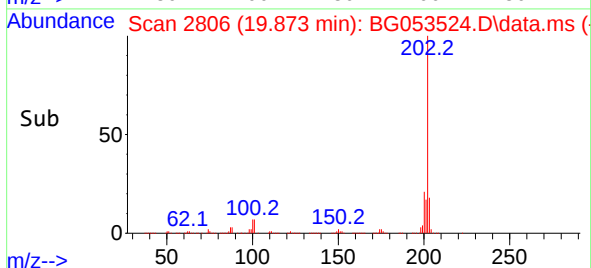
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

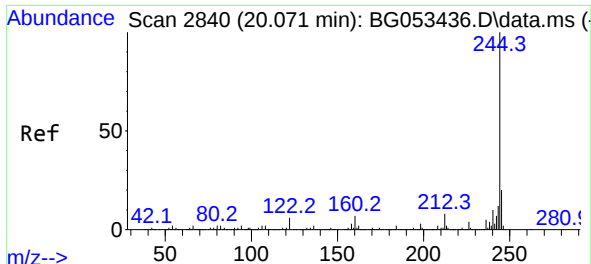


#78
Pyrene
Concen: 55.010 ng
RT: 19.873 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26



Tgt Ion:202 Resp: 580146
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.6 14.6 21.8





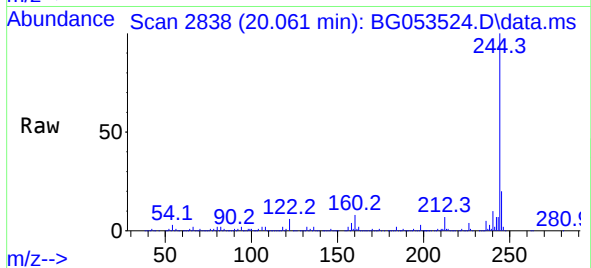
#79
Terphenyl-d14
Concen: 88.744 ng
RT: 20.061 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

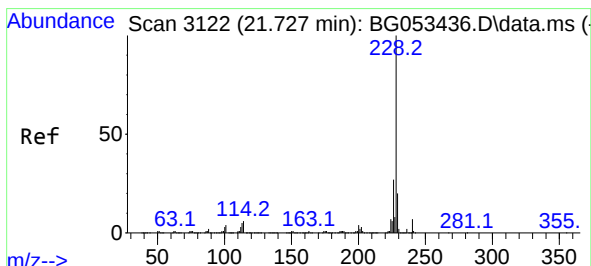
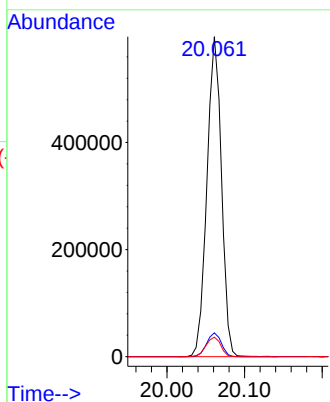
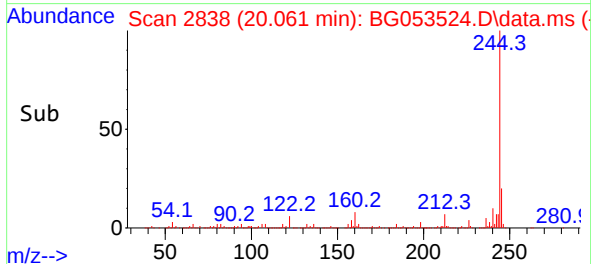


Tgt Ion:244 Resp: 776262
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.1 5.0 7.4

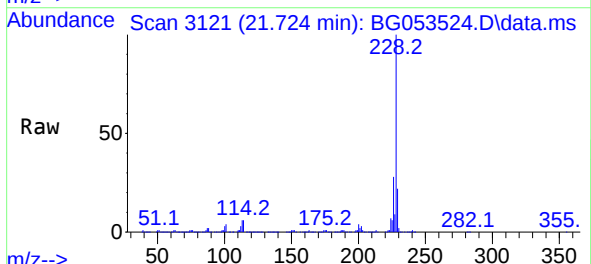
Manual Integrations

APPROVED

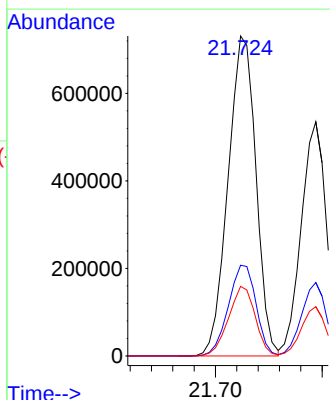
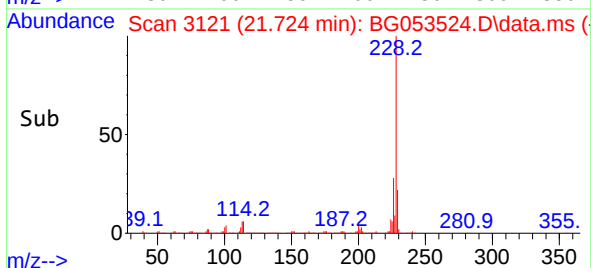
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

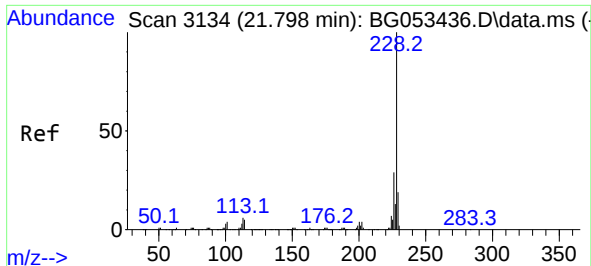


#81
Benzo(a)anthracene
Concen: 128.044 ng
RT: 21.724 min Scan# 3121
Delta R.T. 0.005 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26



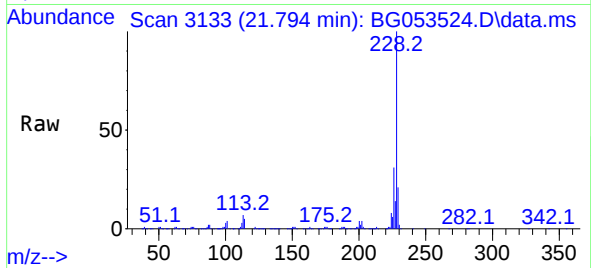
Tgt Ion:228 Resp: 1330505
Ion Ratio Lower Upper
228 100
226 28.3 21.6 32.4
229 21.7 16.2 24.2





#83
Chrysene
Concen: 90.034 ng
RT: 21.794 min Scan# 3134
Delta R.T. 0.005 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

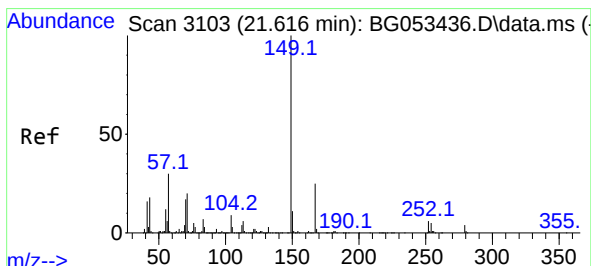
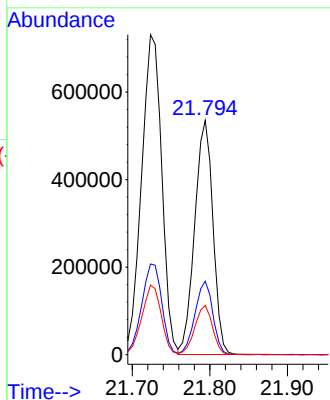
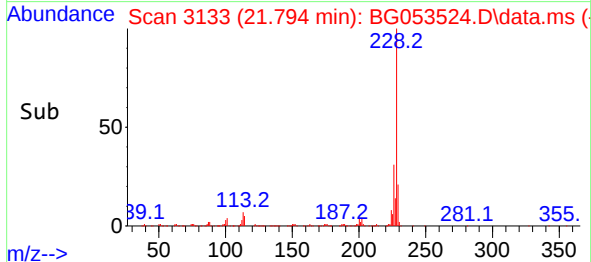
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL



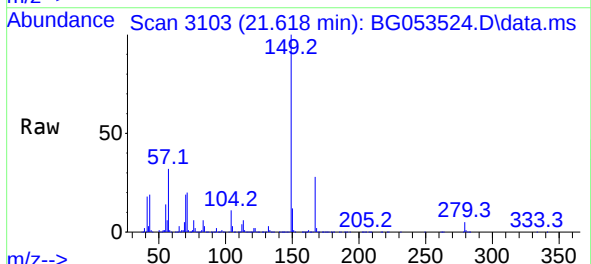
Tgt Ion:228 Resp: 87376
Ion Ratio Lower Upper
228 100
226 31.4 23.4 35.2
229 21.1 15.5 23.3

Manual Integrations
APPROVED

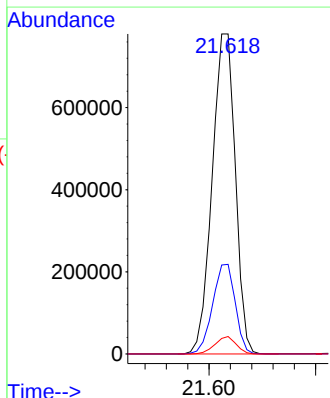
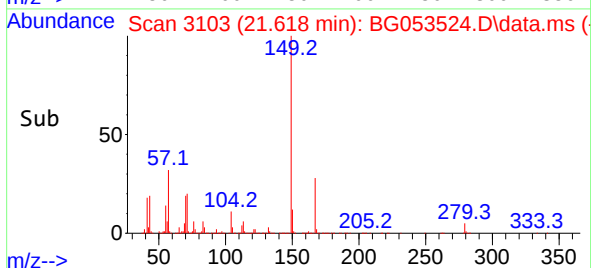
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

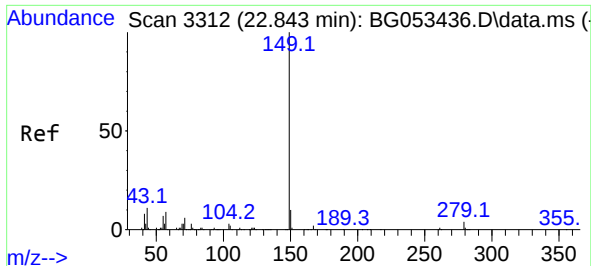


#84
Bis(2-ethylhexyl)phthalate
Concen: 219.721 ng
RT: 21.618 min Scan# 3103
Delta R.T. 0.011 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26



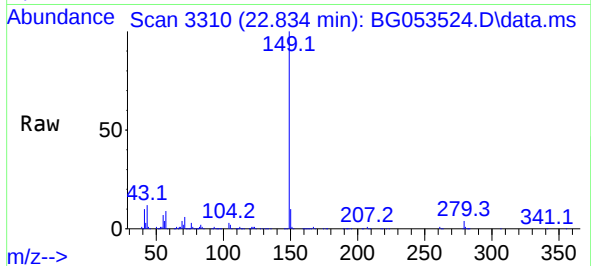
Tgt Ion:149 Resp: 1172805
Ion Ratio Lower Upper
149 100
167 28.0 20.2 30.4
279 5.4 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 71.582 ng
RT: 22.834 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

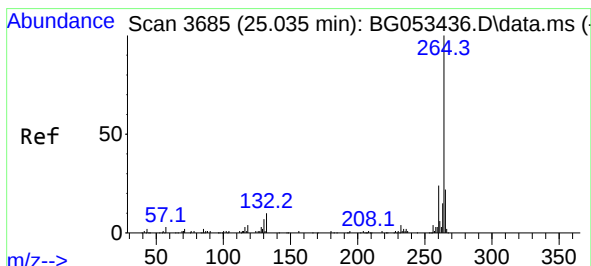
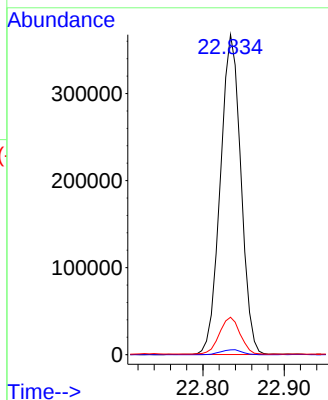
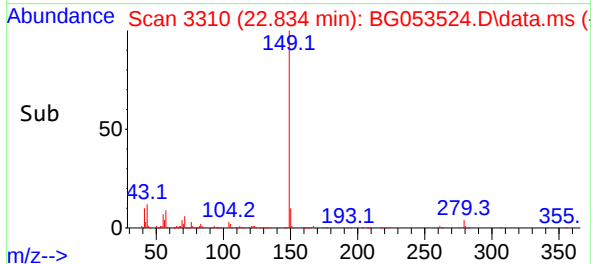
Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL



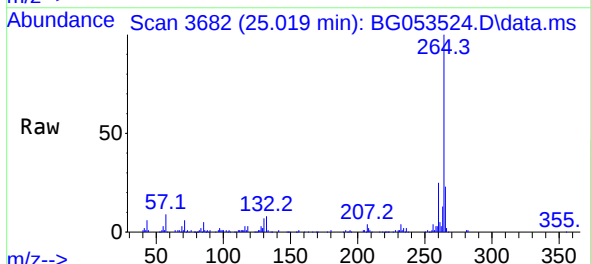
Tgt Ion:149 Resp: 64609
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.6 9.0 13.4

Manual Integrations
APPROVED

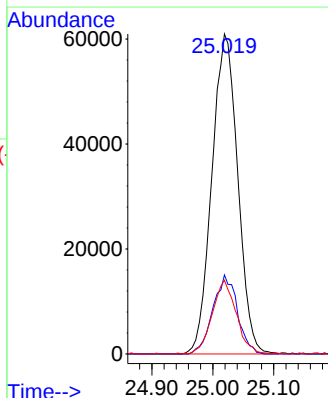
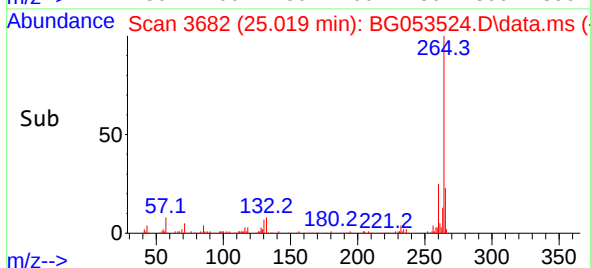
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

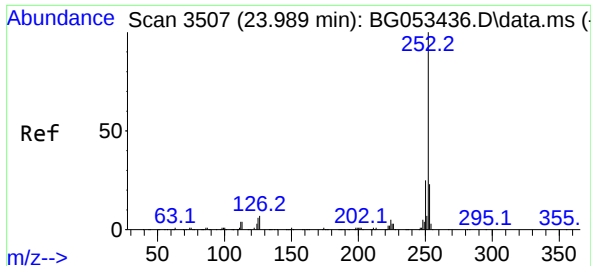


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.019 min Scan# 3682
Delta R.T. -0.000 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26



Tgt Ion:264 Resp: 179673
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.6
265 23.0 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 110.643 ng
RT: 23.985 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :

BNA_G

ClientSampleId :

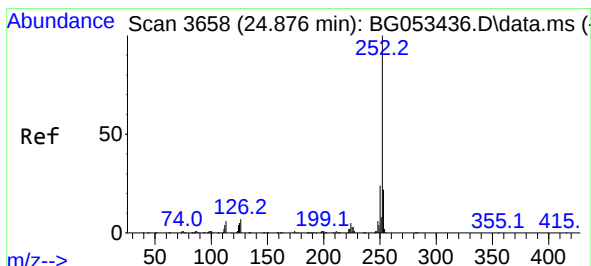
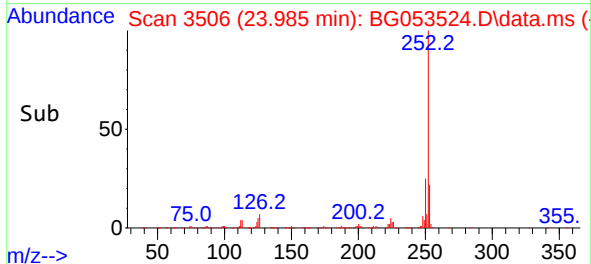
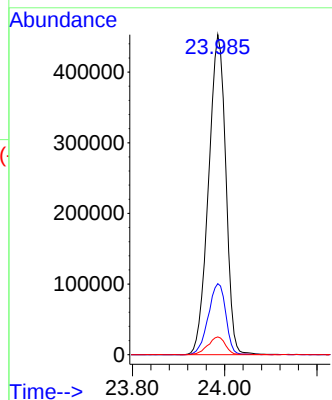
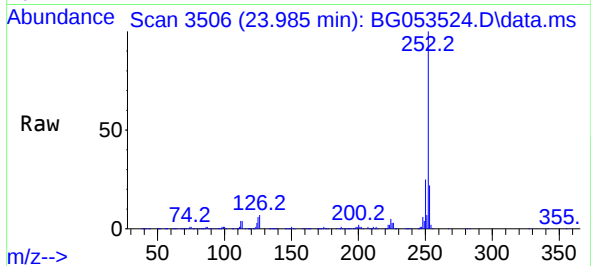
PT-BNA-SOIL

Tgt Ion:252 Resp: 117670
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 5.6 4.6 6.8

Manual Integrations

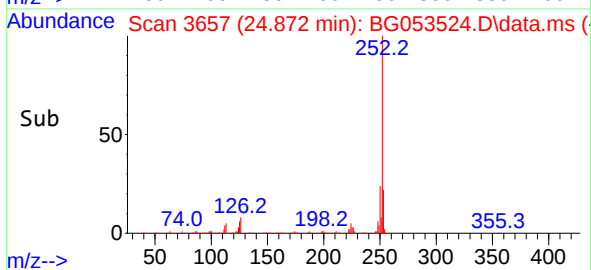
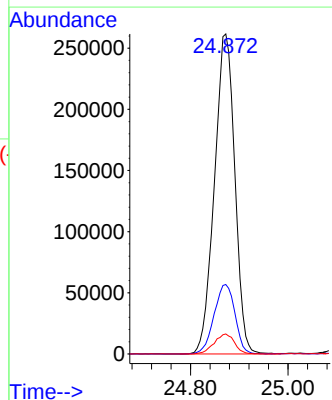
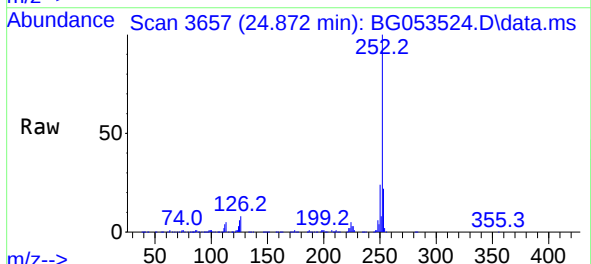
APPROVED

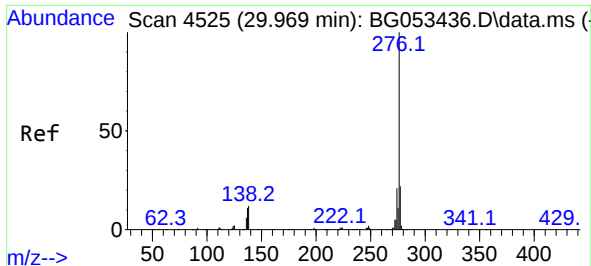
Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022



#90
Benzo(a)pyrene
Concen: 83.973 ng
RT: 24.872 min Scan# 3657
Delta R.T. 0.006 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Tgt Ion:252 Resp: 760133
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 6.3 4.3 6.5





#92
Benzo(g,h,i)perylene
Concen: 60.718 ng
RT: 29.971 min Scan# 41
Delta R.T. 0.017 min
Lab File: BG053524.D
Acq: 11 May 2022 13:26

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:276 Resp: 62060
Ion Ratio Lower Upper
276 100
277 23.7 17.3 25.9
138 11.2 9.6 14.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/17/2022
Supervised By :Jagrut Upadhyay 05/17/2022

