

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022422\
 Data File : BG052478.D
 Acq On : 24 Feb 2022 15:15
 Operator : CG/JU
 Sample : N1331-03
 Misc : SFAM-MDL-SOIL01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2022-01

Quant Time: Feb 24 16:57:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
 Supervised By :mohammad ahmed 02/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	20527	20.000	ng/u1	0.00
20) Naphthalene-d8	11.054	136	87589	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.861	164	65551	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.610	188	168381	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.928	240	181542	20.000	ng/u1	# 0.00
88) Perylene-d12	25.394	264	181889	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	1786	3.413	ng/uL	0.00
4) Pyridine-d5	3.976	84	21021	13.316	ng/u1	0.00
7) Phenol-d5	7.365	99	29202	15.003	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.524	67	19989	17.573	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	22172	16.218	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	22936	15.145	ng/u1	0.00
21) Nitrobenzene-d5	9.392	128	11733	15.713	ng/u1	0.00
24) 2-Nitrophenol-d4	10.126	143	12857	15.720	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	23097	15.144	ng/u1	0.00
31) 4-Chloroaniline-d4	11.184	131	31337	14.826	ng/u1	0.00
46) Dimethylphthalate-d6	14.250	166	88336	16.577	ng/u1	0.00
49) Acenaphthylene-d8	14.556	160	101896	15.490	ng/u1	0.00
54) 4-Nitrophenol-d4	15.061	143	11756m	13.878	ng/u1	0.00
60) Fluorene-d10	15.854	176	76301	16.299	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.965	200	14436	13.521	ng/u1	0.00
73) Anthracene-d10	17.710	188	134579	16.544	ng/u1	0.00
81) Pyrene-d10	19.989	212	167605	15.778	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.147	264	174357	17.868	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.576	88	1032	1.695	ng/uL#	80
5) Pyridine	3.999	79	7229	4.536	ng/u1	93
6) Benzaldehyde	7.342	77	5065	4.582	ng/u1#	87
8) Phenol	7.389	94	7976	4.051	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.618	93	6916	4.750	ng/u1	97
12) 2-Chlorophenol	7.777	128	5998	4.211	ng/u1	97
13) 2-Methylphenol	8.664	108	5912	3.967	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.746	45	9177	4.605	ng/u1	99
16) Acetophenone	9.045	105	10442	4.475	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.016	70	6134	4.465	ng/u1#	93
18) 4-Methylphenol	8.993	108	6705	4.231	ng/u1	99
19) Hexachloroethane	9.322	117	2690	4.830	ng/u1	90
22) Nitrobenzene	9.433	77	8308	4.340	ng/u1	96
23) Isophorone	9.956	82	15506	4.199	ng/u1#	88
25) 2-Nitrophenol	10.162	139	3715	4.322	ng/u1#	89
26) 2,4-Dimethylphenol	10.203	107	7993	4.521	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.438	93	8695	4.350	ng/u1	93
29) 2,4-Dichlorophenol	10.702	162	5890	4.082	ng/u1	95
30) Naphthalene	11.107	128	22582	4.634	ng/u1	99
32) 4-Chloroaniline	11.207	127	9229	4.256	ng/u1	91
33) Hexachlorobutadiene	11.389	225	5035	4.422	ng/u1	90
34) Caprolactam	11.959	113	2216m	4.128	ng/u1	
35) 4-Chloro-3-methylphenol	12.329	107	6039	3.747	ng/u1	91
36) 2-Methylnaphthalene	12.705	142	16158	4.628	ng/u1	97

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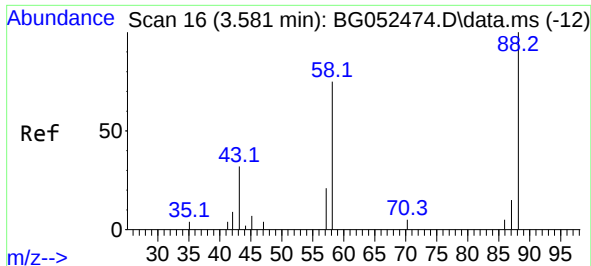
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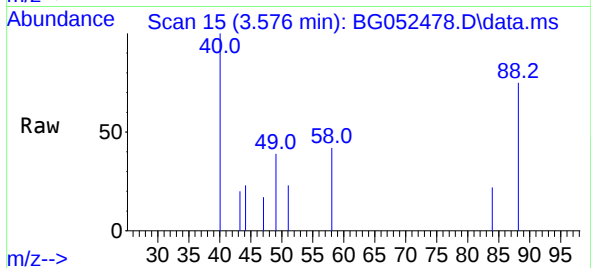
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	15564	4.380	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.069	216	9689	4.212	ng/ul	92
40) Hexachlorocyclopentadiene	13.052	237	4052	3.638	ng/ul#	83
41) 2,4,6-Trichlorophenol	13.310	196	4701	3.407	ng/ul	85
42) 2,4,5-Trichlorophenol	13.392	196	5322	3.619	ng/ul	86
43) 1,1'-Biphenyl	13.698	154	22056	4.232	ng/ul#	93
44) 2-Chloronaphthalene	13.745	162	17030	4.296	ng/ul	98
45) 2-Nitroaniline	13.945	65	4551	3.515	ng/ul#	72
47) Dimethylphthalate	14.297	163	23472	4.506	ng/ul#	95
48) 2,6-Dinitrotoluene	14.426	165	4292	3.763	ng/ul	97
50) Acenaphthylene	14.585	152	28621	4.354	ng/ul#	93
51) 3-Nitroaniline	14.761	138	3805	4.096	ng/ul#	83
52) Acenaphthene	14.926	153	19129	4.425	ng/ul	86
53) 2,4-Dinitrophenol	14.984	184	1955	3.466	ng/ul#	71
55) 4-Nitrophenol	15.078	109	2992m	3.642	ng/ul	
56) Dibenzofuran	15.261	168	29004	4.667	ng/ul	94
57) 2,4-Dinitrotoluene	15.219	165	6784	4.106	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.496	232	4965	3.725	ng/ul#	79
59) Diethylphthalate	15.660	149	24225	4.601	ng/ul	97
61) Fluorene	15.907	166	24230	4.635	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.895	204	13504	4.746	ng/ul	87
63) 4-Nitroaniline	15.918	138	2923m	3.277	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.989	198	3221	3.113	ng/ul#	93
67) N-Nitrosodiphenylamine	16.106	169	20879	4.401	ng/ul	91
68) 4-Bromophenyl-phenylether	16.794	248	8995	4.451	ng/ul#	80
69) Hexachlorobenzene	16.923	284	9925	4.280	ng/ul#	84
70) Atrazine	17.040	200	9173	4.387	ng/ul	94
71) Pentachlorophenol	17.281	266	4373m	4.187	ng/ul	
72) Phenanthrene	17.657	178	41873	4.617	ng/ul	98
74) Anthracene	17.745	178	41934m	4.594	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.674	216	10479	3.934	ng/uL#	94
76) Pentachlorobenzene	15.184	250	10793	4.244	ng/uL	92
77) Carbazole	18.016	167	35574	4.388	ng/ul	94
78) Di-n-butylphthalate	18.556	149	42179	4.375	ng/ul	99
80) Fluoranthene	19.660	202	56045	4.469	ng/ul#	88
82) Pyrene	20.019	202	56913	4.570	ng/ul#	92
83) Butylbenzylphthalate	20.888	149	17953	3.987	ng/ul#	87
84) 3,3'-Dichlorobenzidine	21.811	252	17350	4.326	ng/ul#	94
85) Benzo(a)anthracene	21.910	228	55452	4.508	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.781	149	25700	4.072	ng/ul#	98
87) Chrysene	21.981	228	55055	4.668	ng/ul	94
89) Di-n-octyl phthalate	23.073	149	42578	4.048	ng/ul	100
90) Benzo(b)fluoranthene	24.278	252	55813	4.401	ng/ul#	95
91) Benzo(k)fluoranthene	24.348	252	53656	4.587	ng/ul#	95
93) Benzo(a)pyrene	25.224	252	52135	4.370	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.371	276	59391	4.378	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.430	278	50192m	4.334	ng/ul	
96) Benzo(g,h,i)perylene	30.622	276	51137m	4.490	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.695 ng/uL
RT: 3.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052478.D
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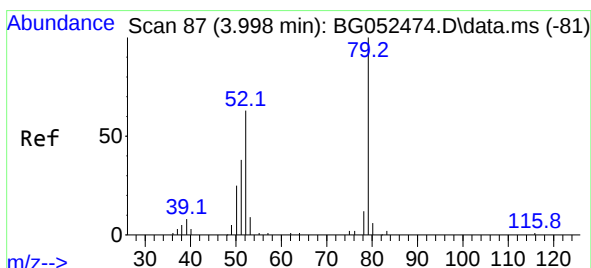
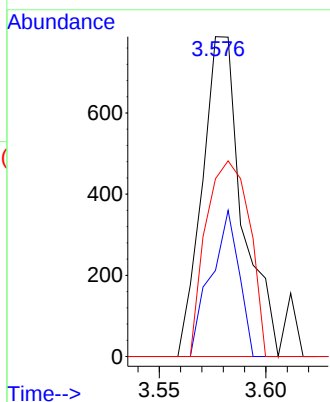
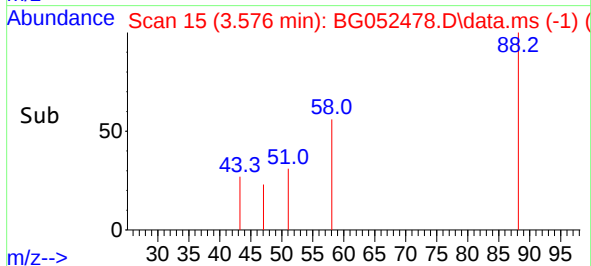
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



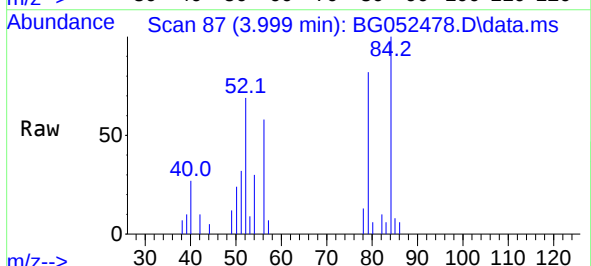
Tgt Ion: 88 Resp: 103
Ion Ratio Lower Upper
88 100
43 26.9 23.0 34.4
58 55.6 62.4 93.6

Manual Integrations
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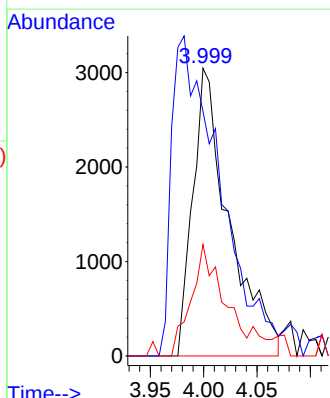
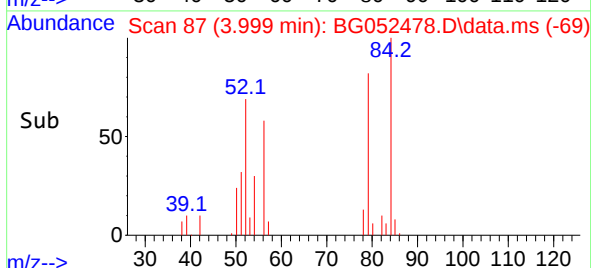
Reviewed By :Jagrut Upadhyay 02/25/2022
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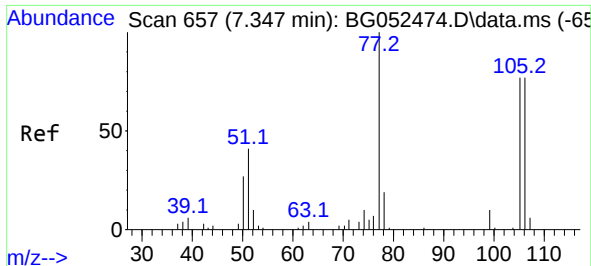


#5
Pyridine
Concen: 4.536 ng/uL
RT: 3.999 min Scan# 87
Delta R.T. 0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



Tgt Ion: 79 Resp: 7229
Ion Ratio Lower Upper
79 100
52 85.0 60.8 91.2
51 38.7 30.5 45.7





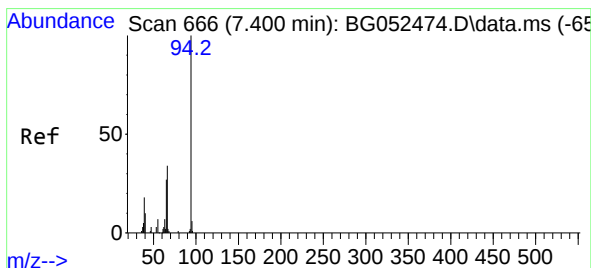
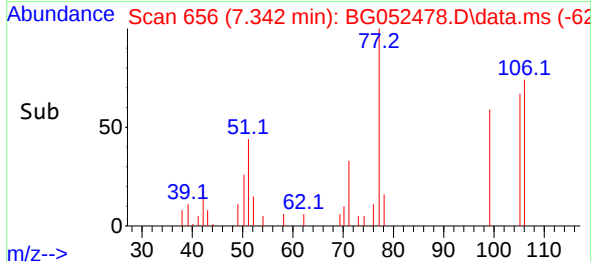
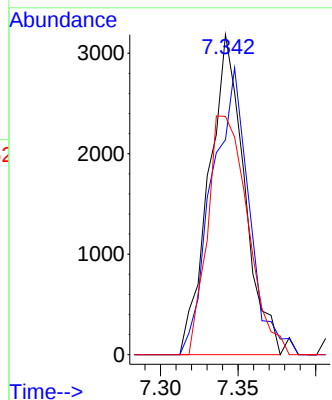
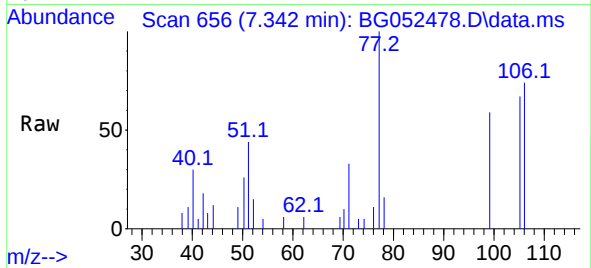
#6
Benzaldehyde
Concen: 4.582 ng/ul
RT: 7.342 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01

Tgt Ion: 77 Resp: 506
Ion Ratio Lower Upper
77 100
105 67.2 70.4 105.6
106 74.4 61.2 91.8

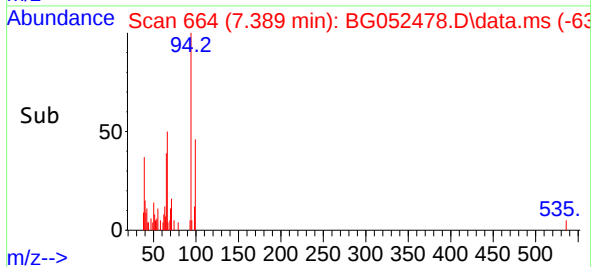
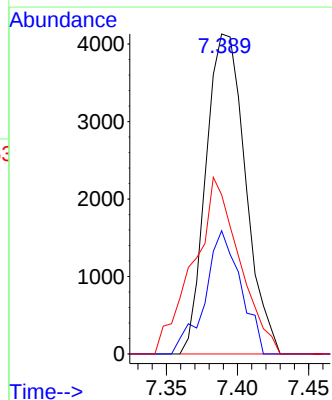
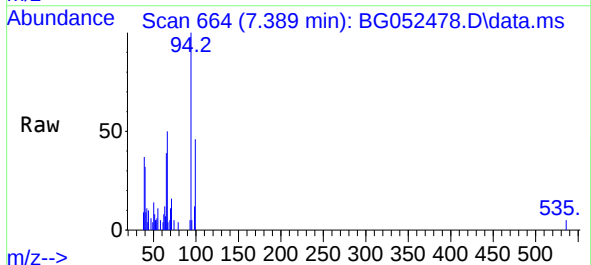
Manual Integrations
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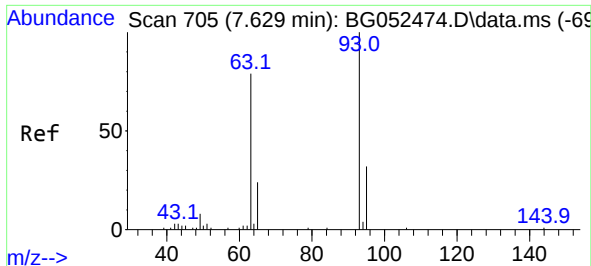
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#8
Phenol
Concen: 4.051 ng/ul
RT: 7.389 min Scan# 664
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

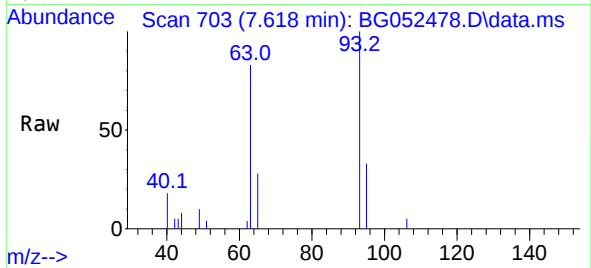
Tgt Ion: 94 Resp: 7976
Ion Ratio Lower Upper
94 100
65 38.5 25.1 37.7#
66 49.8 31.6 47.4#





#10
Bis(2-Chloroethyl)ether
Concen: 4.750 ng/ul
RT: 7.618 min Scan# 705
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

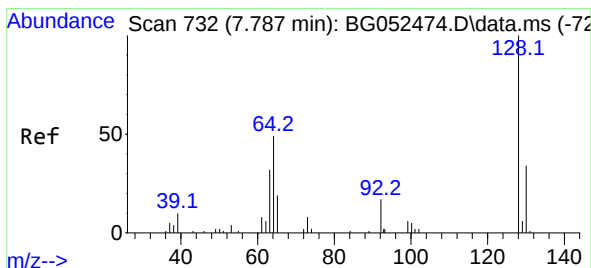
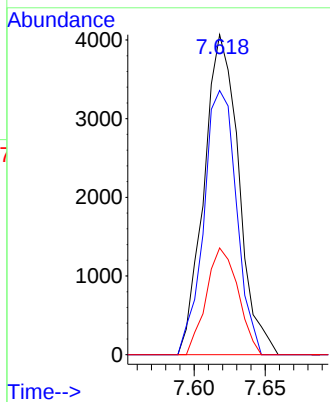
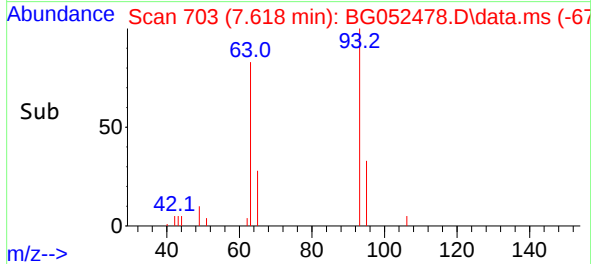
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



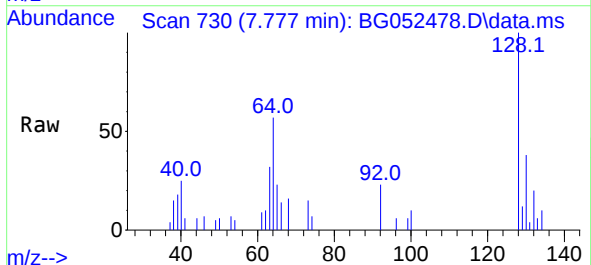
Tgt Ion: 93 Resp: 6910
Ion Ratio Lower Upper
93 100
63 82.5 68.6 103.0
95 33.4 26.1 39.1

Manual Integrations
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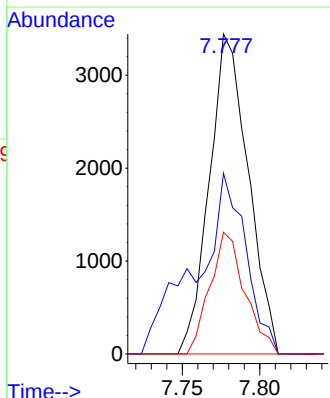
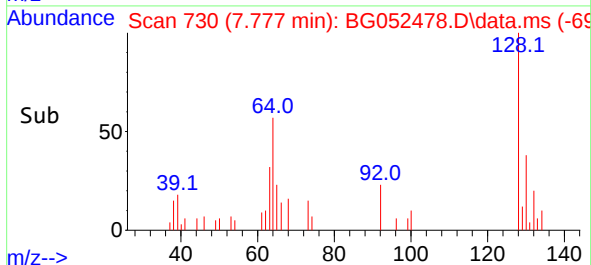
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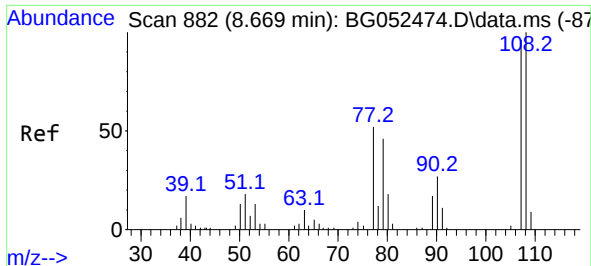


#12
2-Chlorophenol
Concen: 4.211 ng/ul
RT: 7.777 min Scan# 730
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



Tgt Ion:128 Resp: 5998
Ion Ratio Lower Upper
128 100
64 56.5 45.3 67.9
130 38.0 27.1 40.7





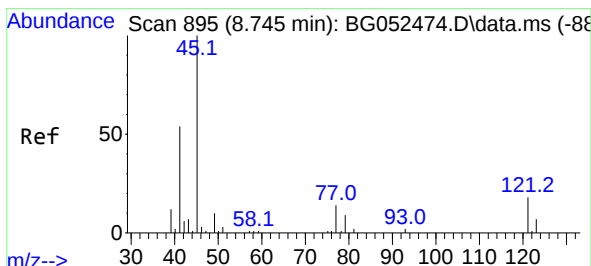
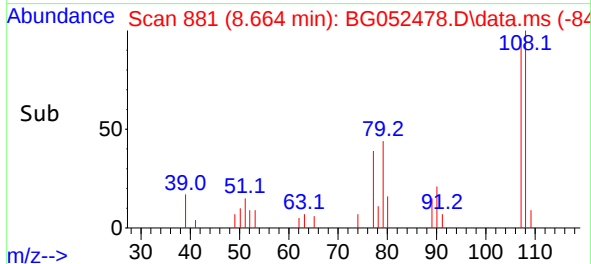
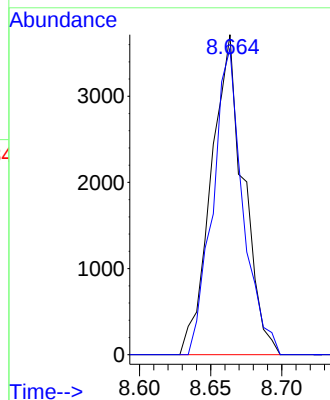
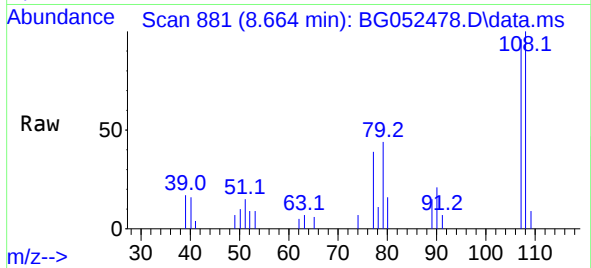
#13
2-Methylphenol
Concen: 3.967 ng/ul
RT: 8.664 min Scan# 881
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Instrument :
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Tgt Ion:108 Resp: 5912
Ion Ratio Lower Upper
108 100
107 95.7 71.8 107.6

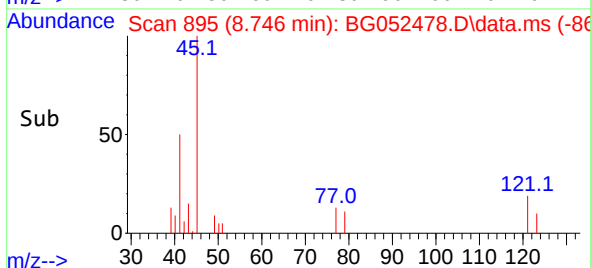
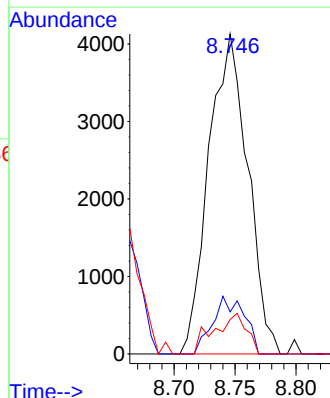
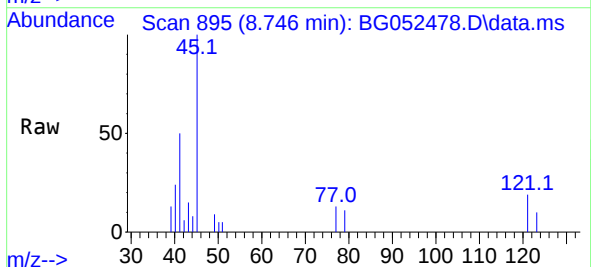
Manual Integrations
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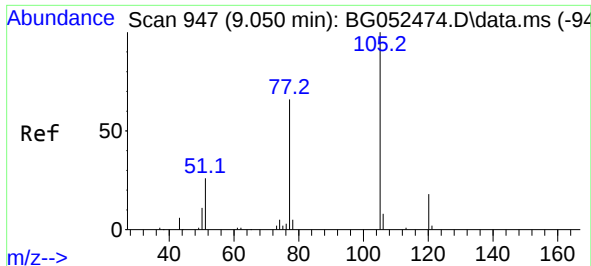
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.605 ng/ul
RT: 8.746 min Scan# 895
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

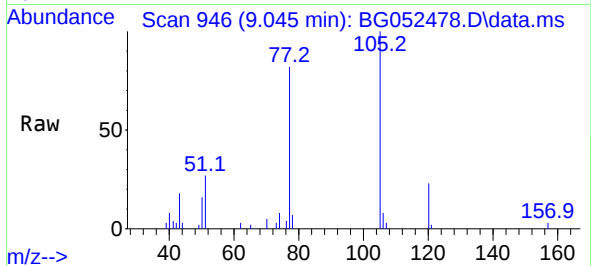
Tgt Ion: 45 Resp: 9177
Ion Ratio Lower Upper
45 100
77 13.1 10.7 16.1
79 10.8 8.5 12.7





#16
Acetophenone
Concen: 4.475 ng/ul
RT: 9.045 min Scan# 947
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

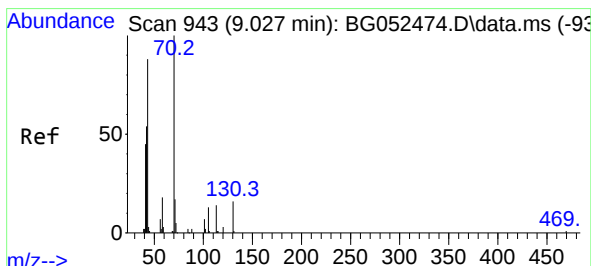
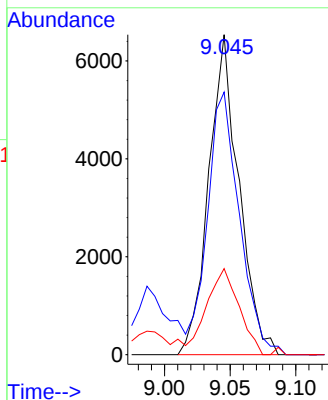
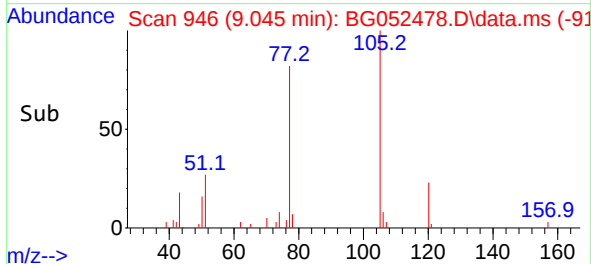
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ClientSampleId :
MDL-SOIL-QT1-2022-01



Tgt Ion:105 Resp: 1044
Ion Ratio Lower Upper
105 100
77 82.0 67.3 100.9
51 26.9 24.0 36.0

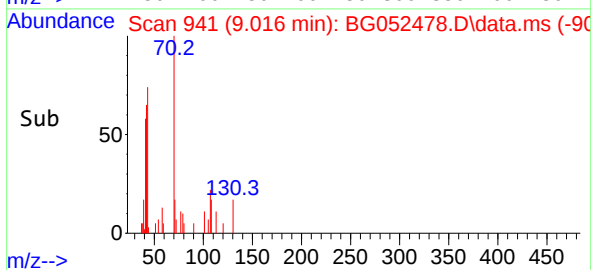
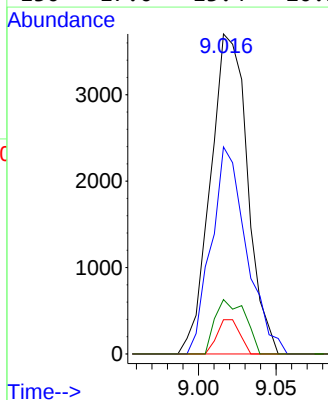
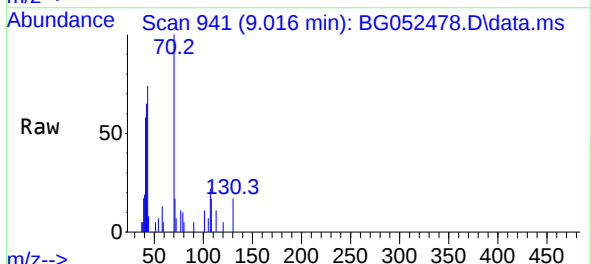
Manual Integrations
APPROVED

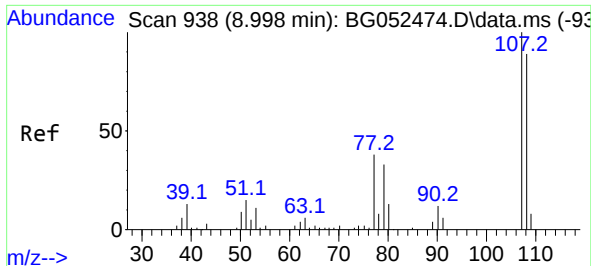
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#17
N-Nitroso-di-n-propylamine
Concen: 4.465 ng/ul
RT: 9.016 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Tgt Ion: 70 Resp: 6134
Ion Ratio Lower Upper
70 100
42 64.7 46.0 69.0
101 10.7 7.0 10.4#
130 17.0 13.4 20.2





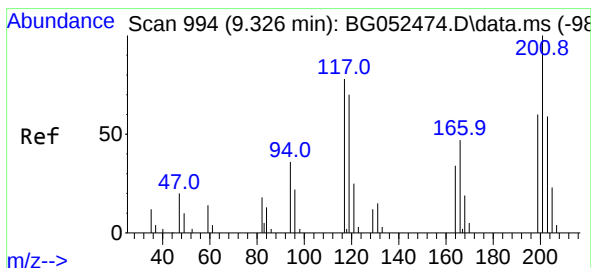
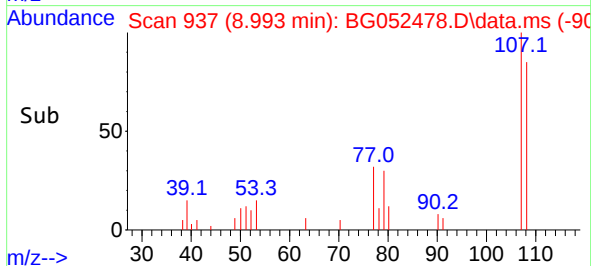
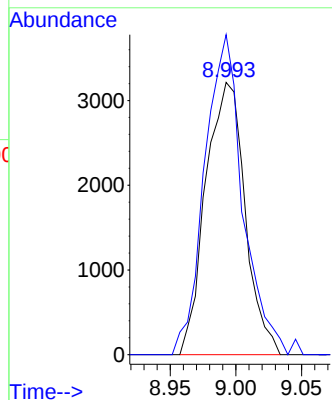
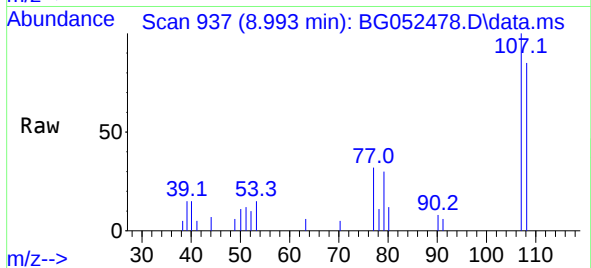
#18
4-Methylphenol
Concen: 4.231 ng/ul
RT: 8.993 min Scan# 911
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01

Tgt Ion:108 Resp: 670
Ion Ratio Lower Upper
108 100
107 117.5 95.0 142.4

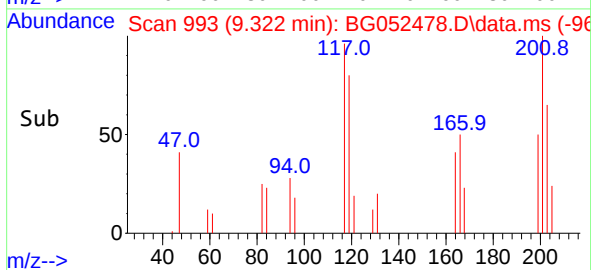
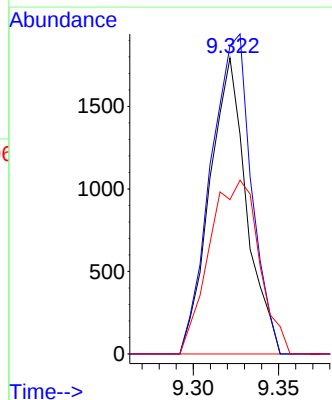
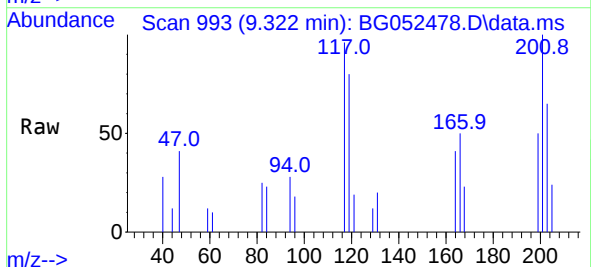
Manual Integrations
APPROVED

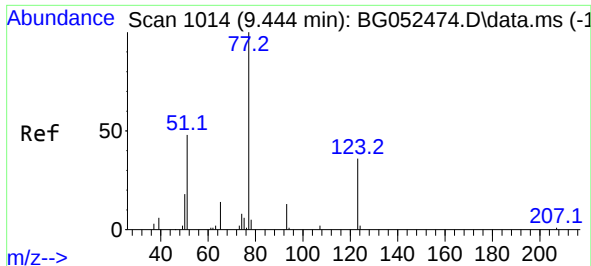
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#19
Hexachloroethane
Concen: 4.830 ng/ul
RT: 9.322 min Scan# 993
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

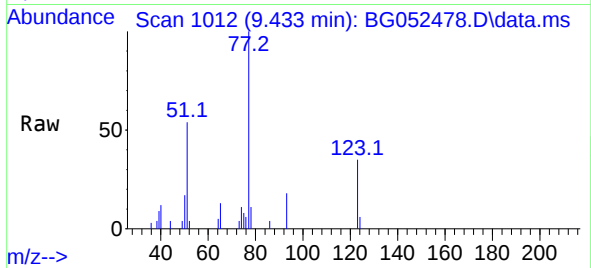
Tgt Ion:117 Resp: 2690
Ion Ratio Lower Upper
117 100
201 104.0 77.2 115.8
199 52.2 49.9 74.9





#22
Nitrobenzene
Concen: 4.340 ng/u1
RT: 9.433 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

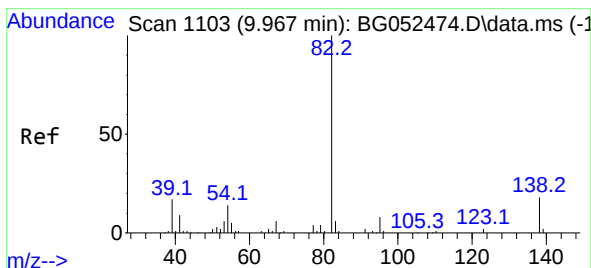
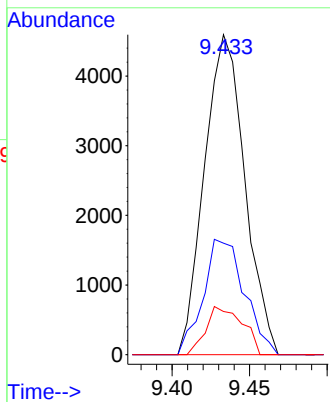
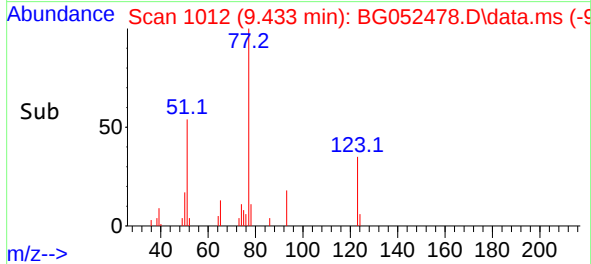
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



Tgt Ion: 77 Resp: 8308
Ion Ratio Lower Upper
77 100
123 34.9 30.1 45.1
65 13.5 9.6 14.4

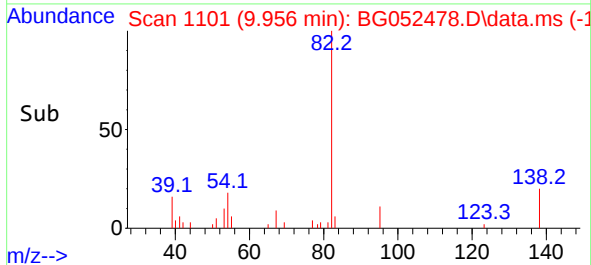
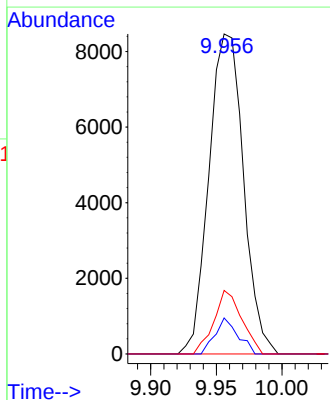
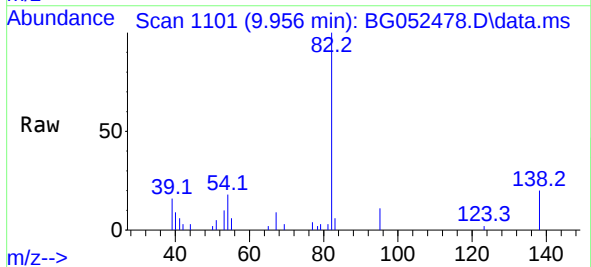
Manual Integrations
APPROVED

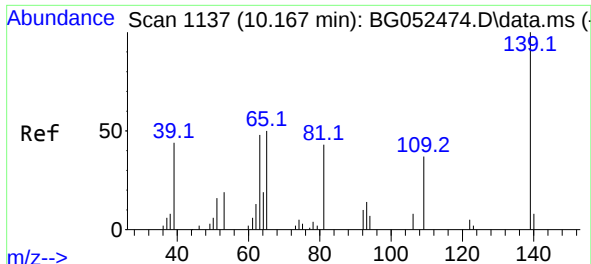
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#23
Isophorone
Concen: 4.199 ng/u1
RT: 9.956 min Scan# 1101
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Tgt Ion: 82 Resp: 15506
Ion Ratio Lower Upper
82 100
95 11.2 5.6 8.4#
138 19.8 11.8 17.8#





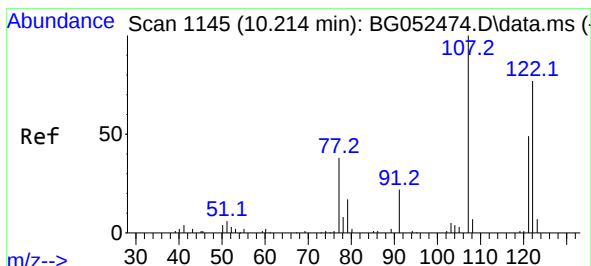
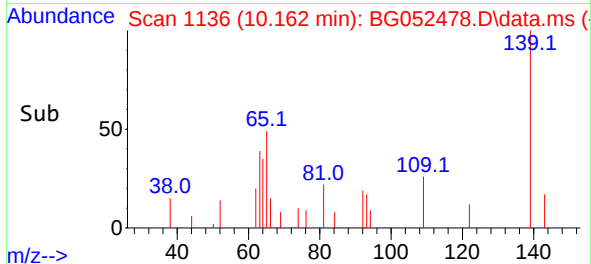
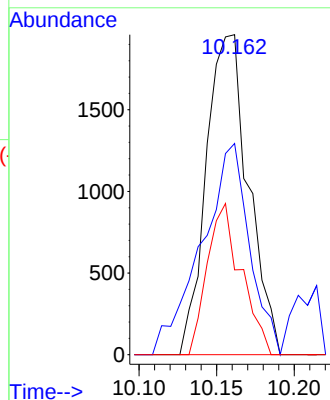
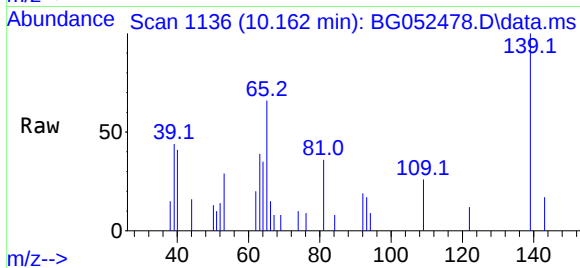
#25
2-Nitrophenol
Concen: 4.322 ng/ul
RT: 10.162 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01

Tgt Ion:139 Resp: 3715
Ion Ratio Lower Upper
139 100
65 66.0 48.0 72.0
109 26.5 28.6 42.8

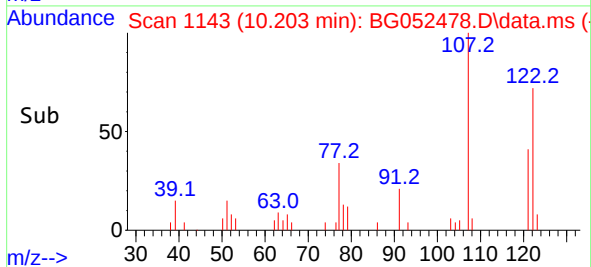
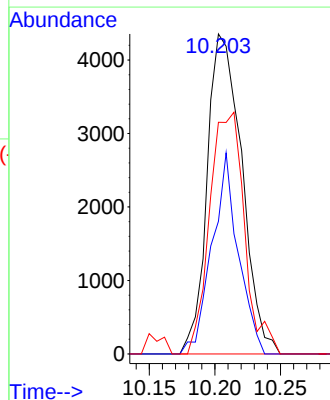
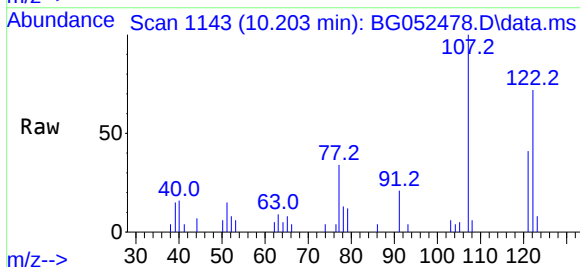
Manual Integrations
APPROVED

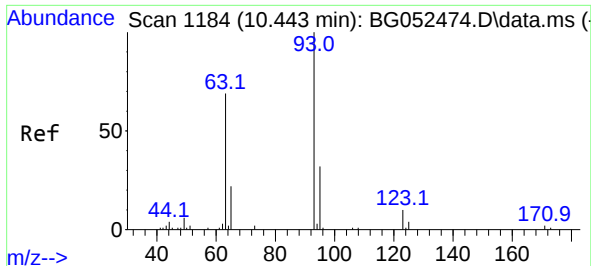
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#26
2,4-Dimethylphenol
Concen: 4.521 ng/ul
RT: 10.203 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

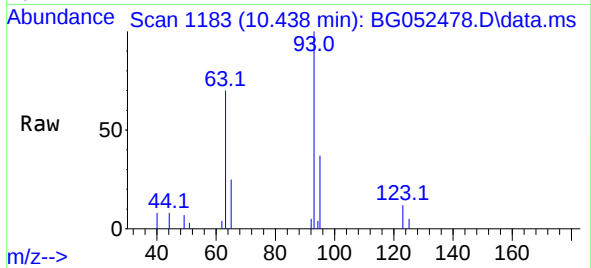
Tgt Ion:107 Resp: 7993
Ion Ratio Lower Upper
107 100
121 41.4 39.3 58.9
122 72.4 63.7 95.5





#27
Bis(2-Chloroethoxy)methane
Concen: 4.350 ng/ul
RT: 10.438 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

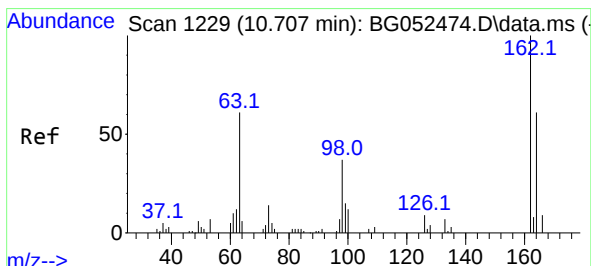
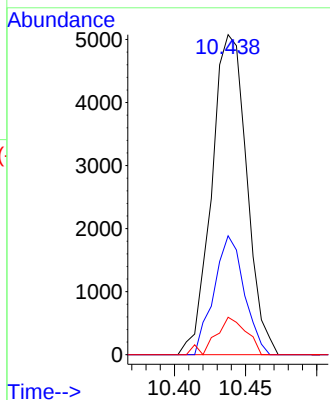
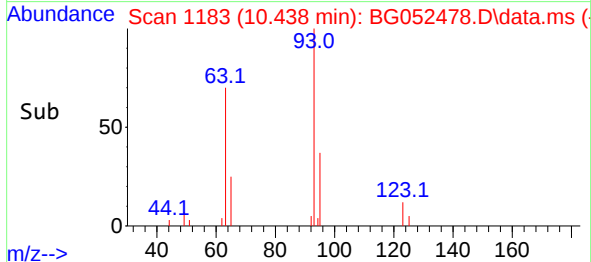
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



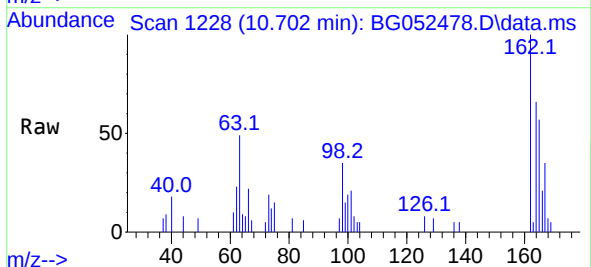
Tgt Ion: 93 Resp: 869
Ion Ratio Lower Upper
93 100
95 37.2 26.5 39.7
123 11.7 8.1 12.1

Manual Integrations
APPROVED

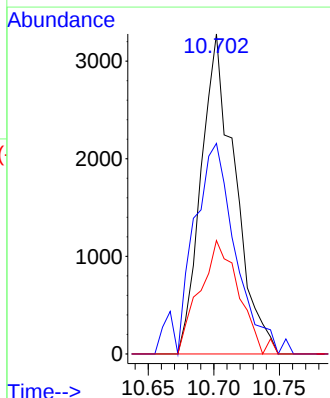
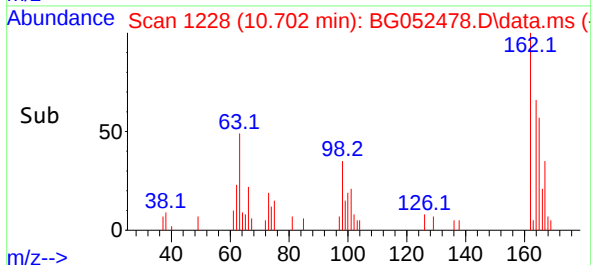
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

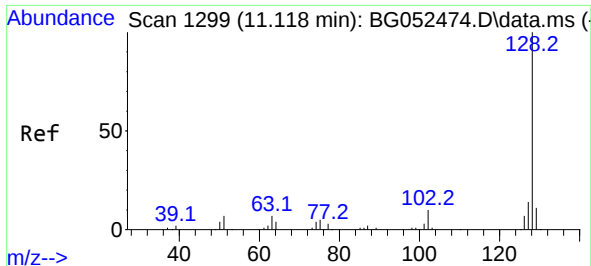


#29
2,4-Dichlorophenol
Concen: 4.082 ng/ul
RT: 10.702 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



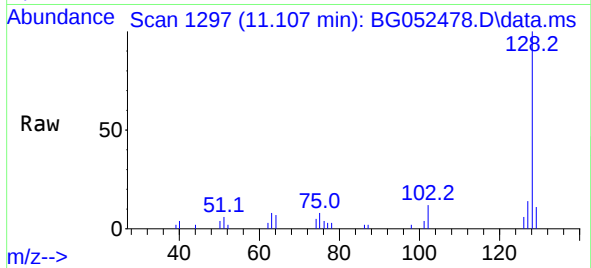
Tgt Ion:162 Resp: 5890
Ion Ratio Lower Upper
162 100
164 65.8 49.4 74.0
98 35.5 30.4 45.6





#30
Naphthalene
Concen: 4.634 ng/ul
RT: 11.107 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

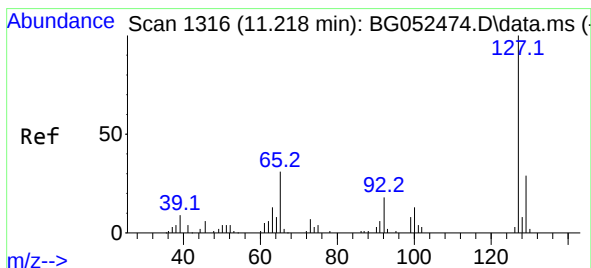
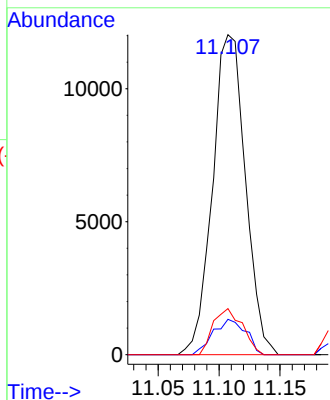
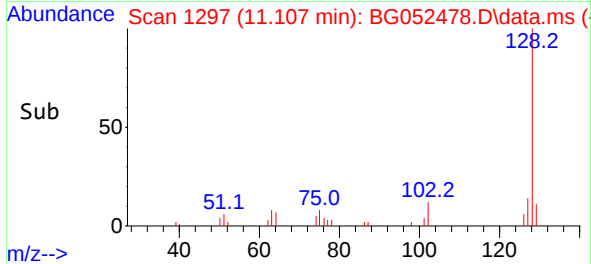
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



Tgt Ion:128 Resp: 2258
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.4 11.8 17.6

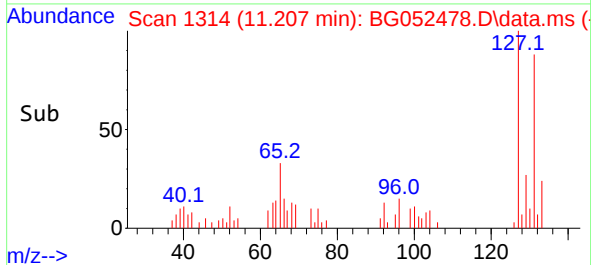
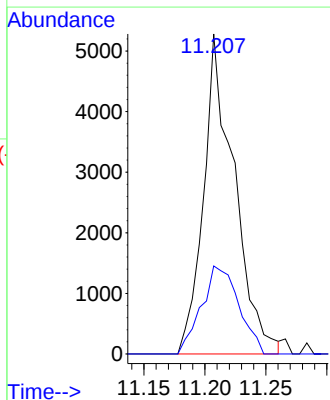
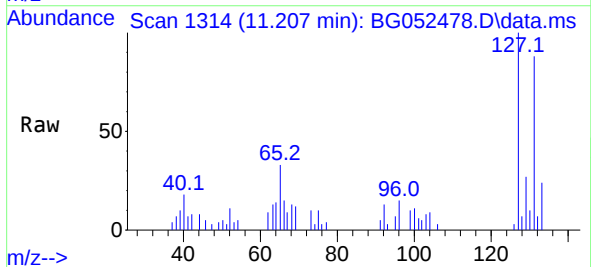
Manual Integrations
APPROVED

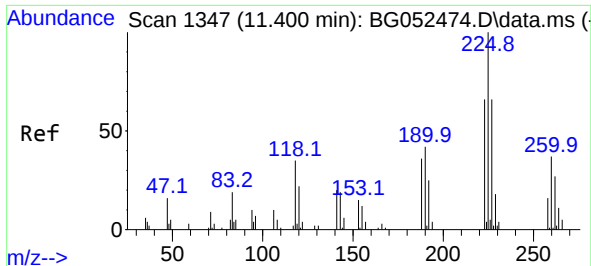
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#32
4-Chloroaniline
Concen: 4.256 ng/ul
RT: 11.207 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

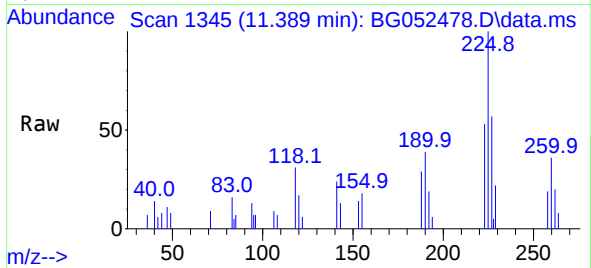
Tgt Ion:127 Resp: 9229
Ion Ratio Lower Upper
127 100
129 27.5 26.2 39.2





#33
Hexachlorobutadiene
Concen: 4.422 ng/ul
RT: 11.389 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

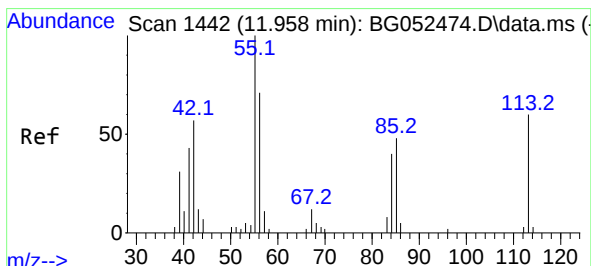
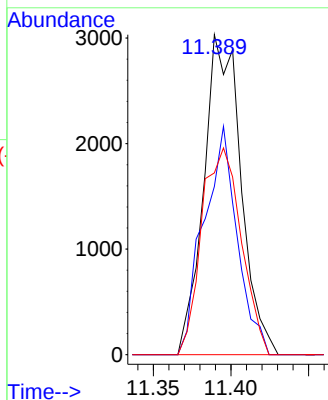
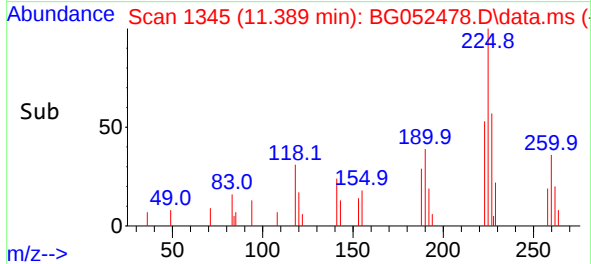
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



Tgt Ion:225 Resp: 503
Ion Ratio Lower Upper
225 100
223 52.5 50.6 75.8
227 56.8 49.8 74.8

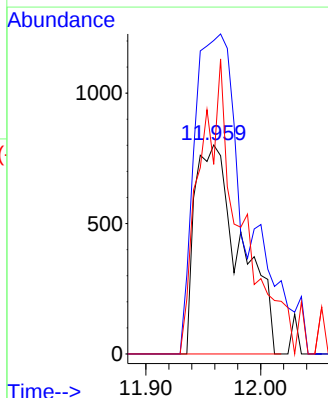
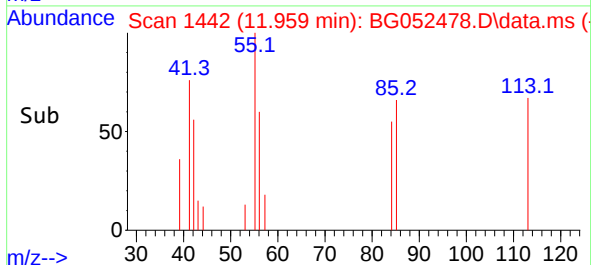
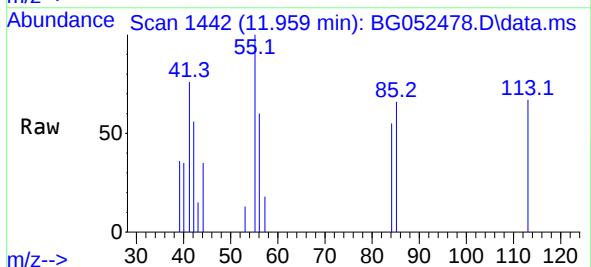
Manual Integrations
APPROVED

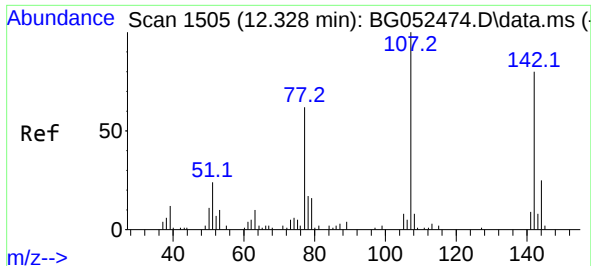
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#34
Caprolactam
Concen: 4.128 ng/ul m
RT: 11.959 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Tgt Ion:113 Resp: 2216
Ion Ratio Lower Upper
113 100
55 150.1 147.0 220.6
56 90.8 109.2 163.8#





#35

4-Chloro-3-methylphenol

Concen: 3.747 ng/ul

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG052478.D

Acq: 24 Feb 2022 15:15

Instrument :

BNA_G

ClientSampleId :

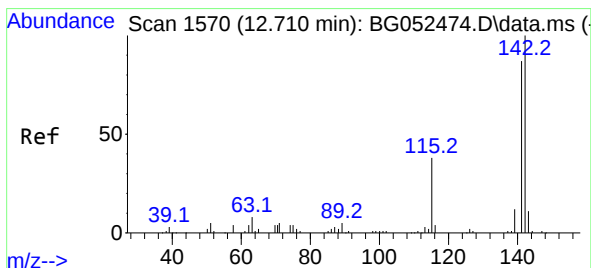
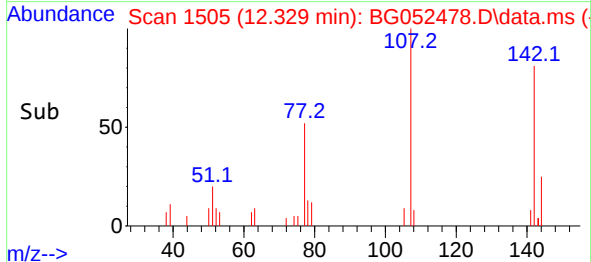
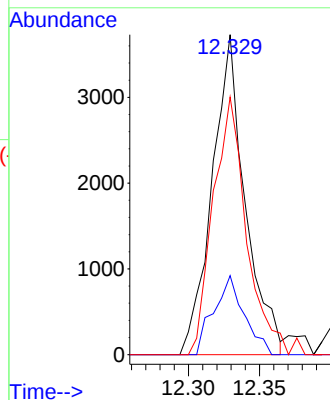
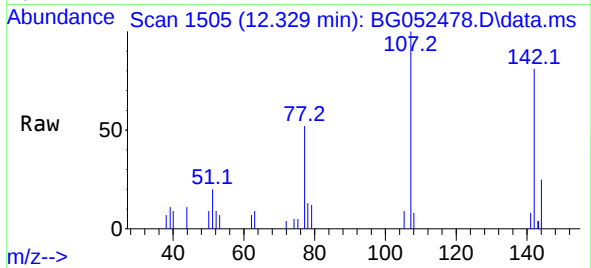
MDL-SOIL-QT1-2022-01

Tgt Ion:107	Resp:	6039
Ion Ratio	Lower	Upper
107	100	
144	24.7	19.8 29.6
142	80.5	56.2 84.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#36

2-Methylnaphthalene

Concen: 4.628 ng/ul

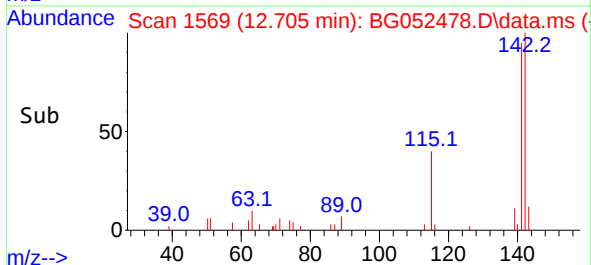
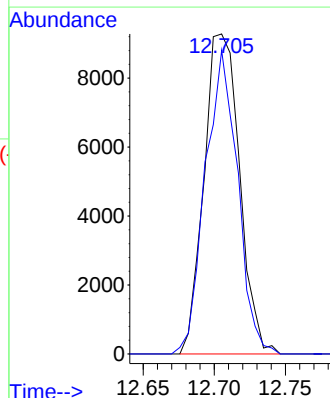
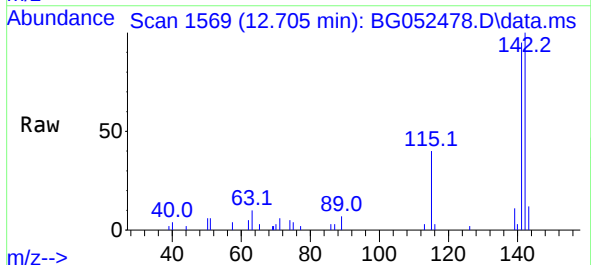
RT: 12.705 min Scan# 1569

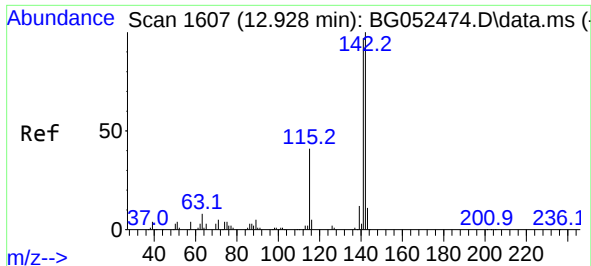
Delta R.T. -0.000 min

Lab File: BG052478.D

Acq: 24 Feb 2022 15:15

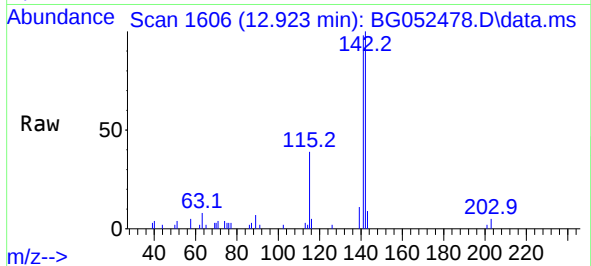
Tgt Ion:142	Resp:	16158
Ion Ratio	Lower	Upper
142	100	
141	94.8	73.3 109.9





#37
1-Methylnaphthalene
Concen: 4.380 ng/ul
RT: 12.923 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

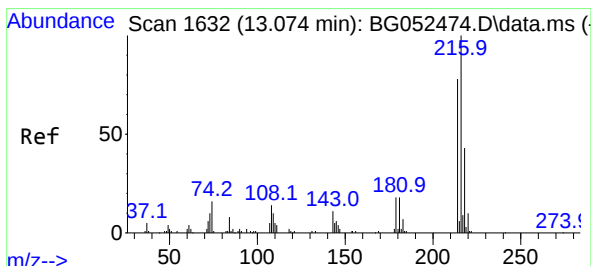
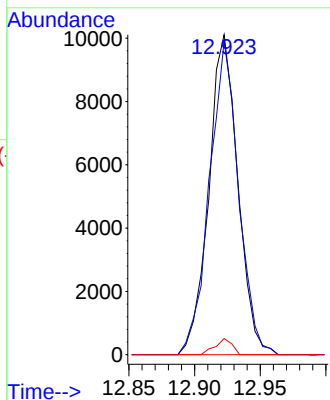
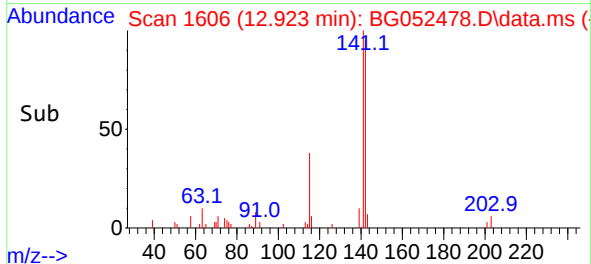
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



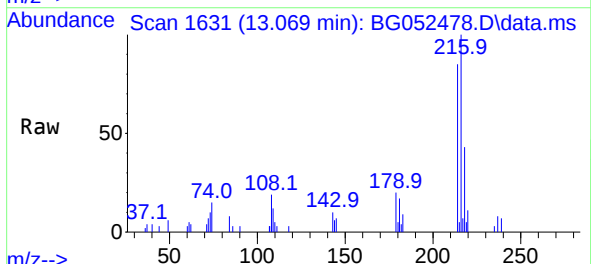
Tgt Ion:142 Resp: 1556
Ion Ratio Lower Upper
142 100
141 98.0 77.8 116.8
116 5.0 3.3 4.9

Manual Integrations
APPROVED

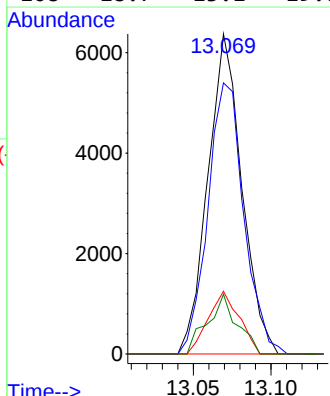
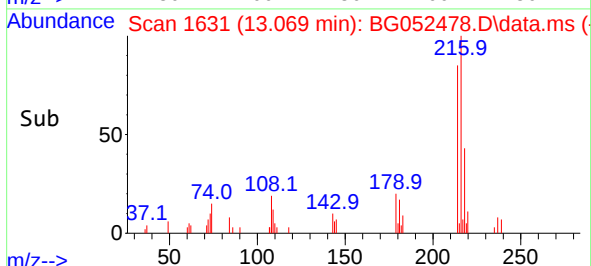
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

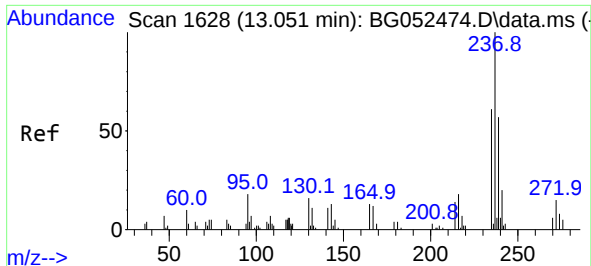


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.212 ng/ul
RT: 13.069 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



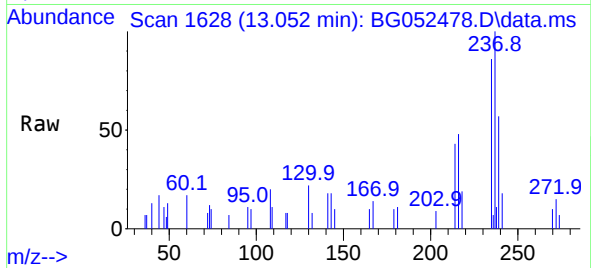
Tgt Ion:216 Resp: 9689
Ion Ratio Lower Upper
216 100
214 84.7 61.0 91.4
179 19.6 16.2 24.2
108 18.7 13.1 19.7





#40
Hexachlorocyclopentadiene
Concen: 3.638 ng/ul
RT: 13.052 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

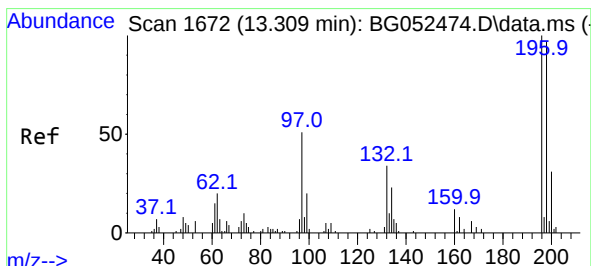
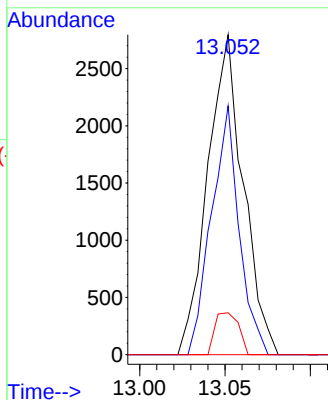
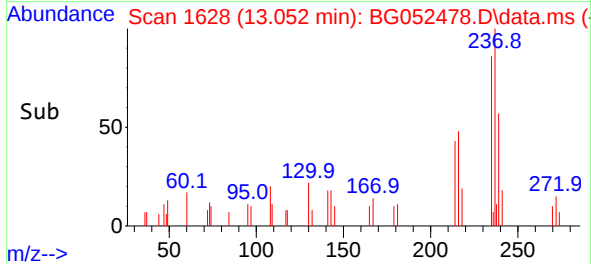
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



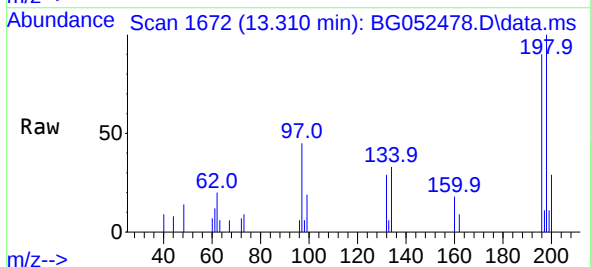
Tgt Ion:237 Resp: 4052
Ion Ratio Lower Upper
237 100
235 77.8 49.4 74.0
272 13.1 11.1 16.7

Manual Integrations
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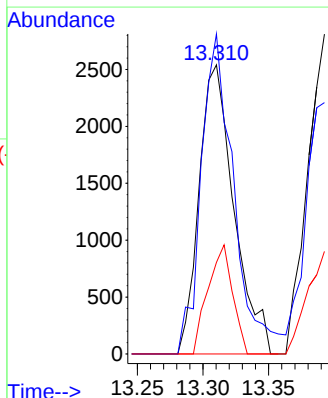
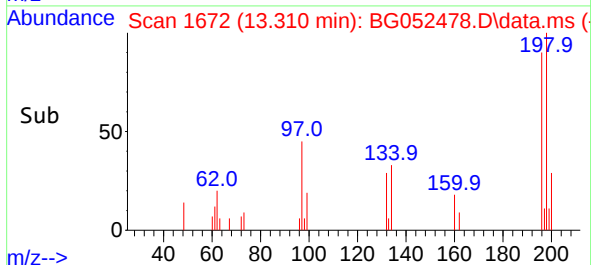
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

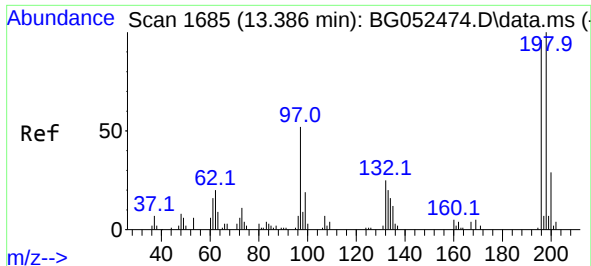


#41
2,4,6-Trichlorophenol
Concen: 3.407 ng/ul
RT: 13.310 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



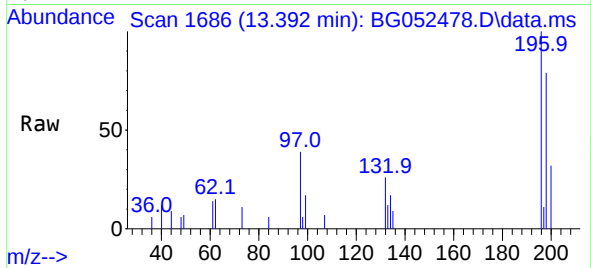
Tgt Ion:196 Resp: 4701
Ion Ratio Lower Upper
196 100
198 110.7 74.3 111.5
200 31.6 23.8 35.6





#42
2,4,5-Trichlorophenol
Concen: 3.619 ng/ul
RT: 13.392 min Scan# 1686
Delta R.T. 0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

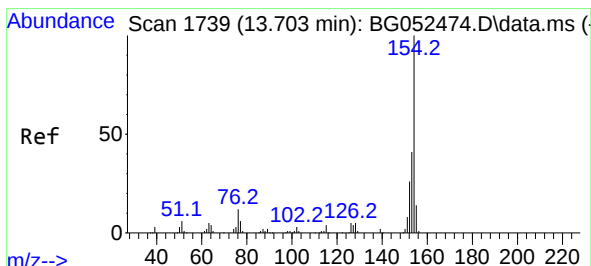
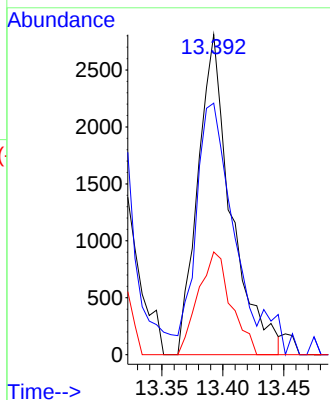
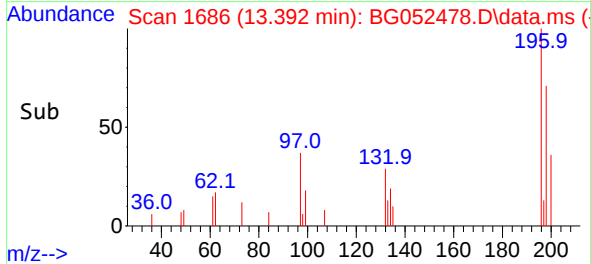
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



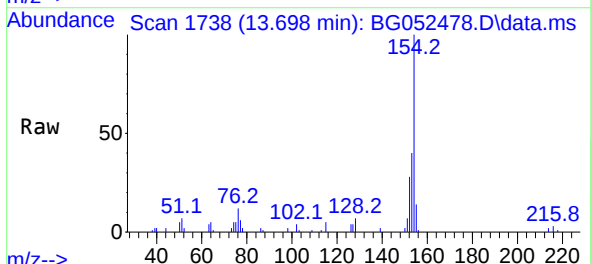
Tgt Ion:196 Resp: 532
Ion Ratio Lower Upper
196 100
198 78.6 77.0 115.4
200 32.1 25.4 38.2

Manual Integrations
APPROVED

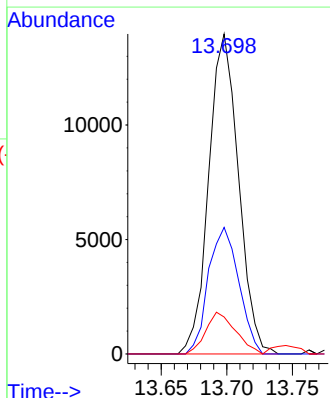
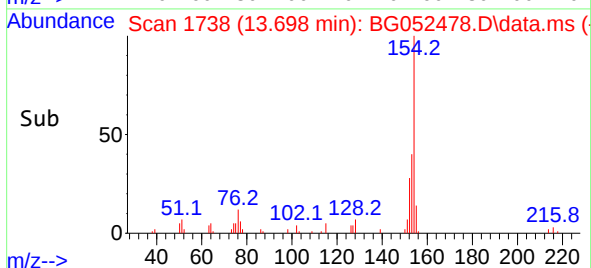
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

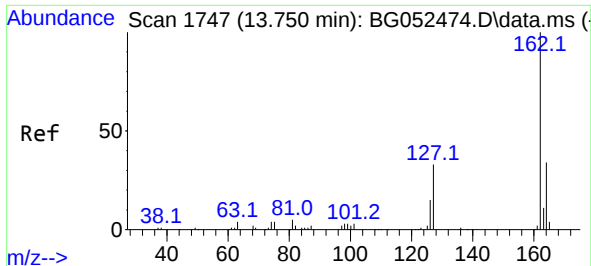


#43
1,1'-Biphenyl
Concen: 4.232 ng/ul
RT: 13.698 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



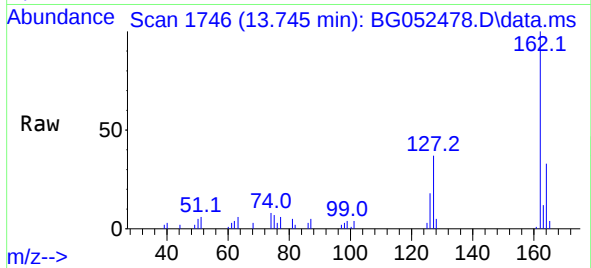
Tgt Ion:154 Resp: 22056
Ion Ratio Lower Upper
154 100
153 39.6 34.5 51.7
76 11.5 13.1 19.7#





#44
2-Chloronaphthalene
Concen: 4.296 ng/ul
RT: 13.745 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

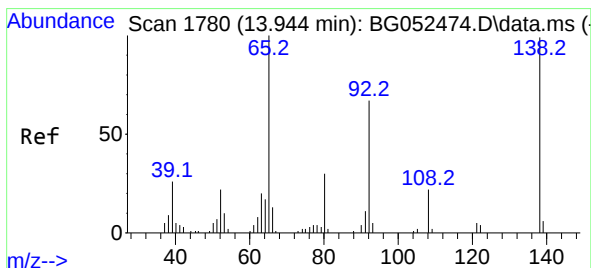
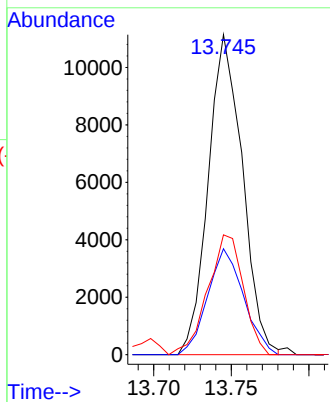
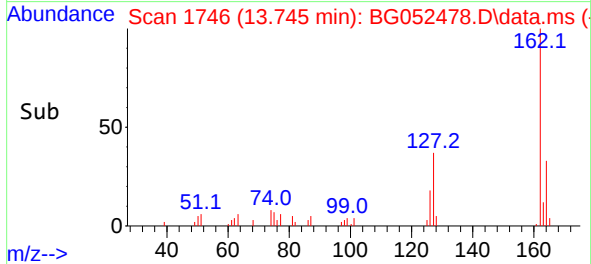
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



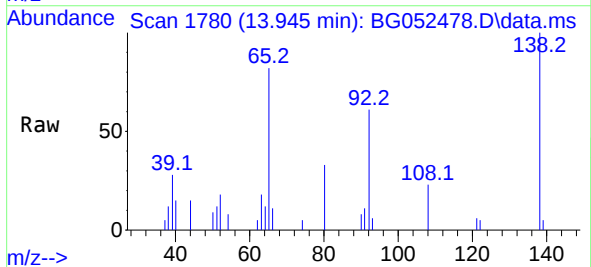
Tgt Ion:162 Resp: 17030
Ion Ratio Lower Upper
162 100
164 33.1 26.1 39.1
127 37.4 31.0 46.4

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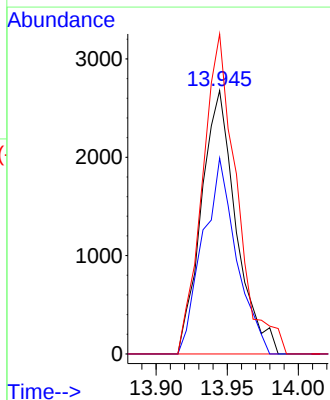
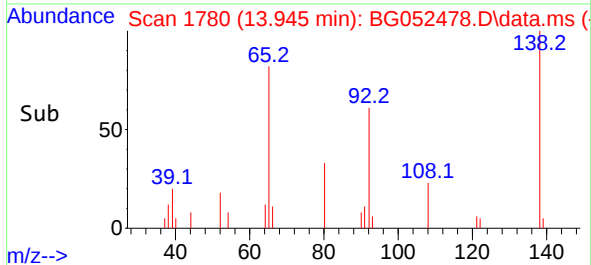
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

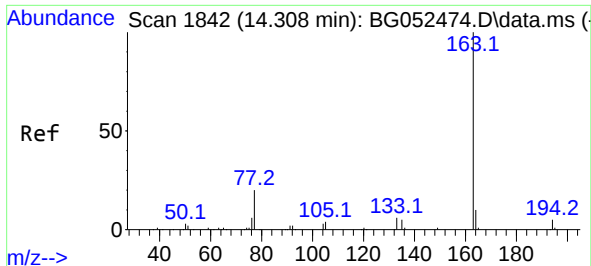


#45
2-Nitroaniline
Concen: 3.515 ng/ul
RT: 13.945 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



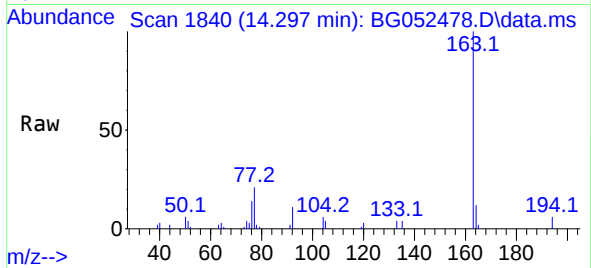
Tgt Ion: 65 Resp: 4551
Ion Ratio Lower Upper
65 100
92 74.4 53.0 79.4
138 121.5 67.4 101.0#





#47
Dimethylphthalate
Concen: 4.506 ng/ul
RT: 14.297 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

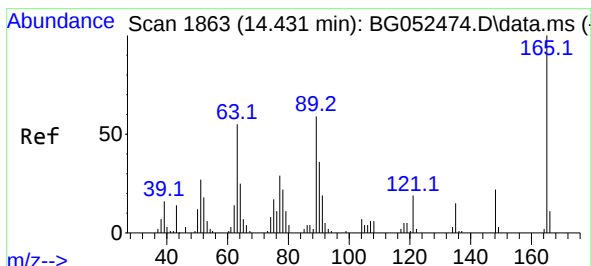
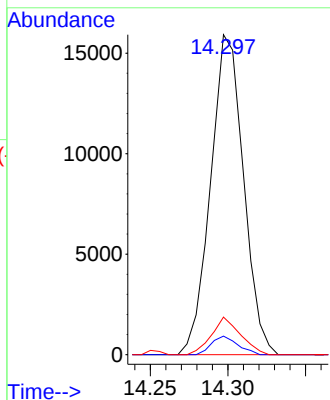
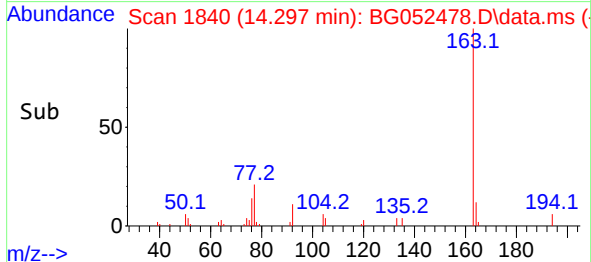
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



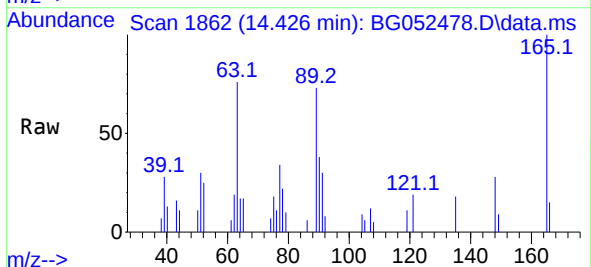
Tgt Ion:163 Resp: 23472
Ion Ratio Lower Upper
163 100
194 5.8 3.0 4.4
164 11.8 8.2 12.4

Manual Integrations
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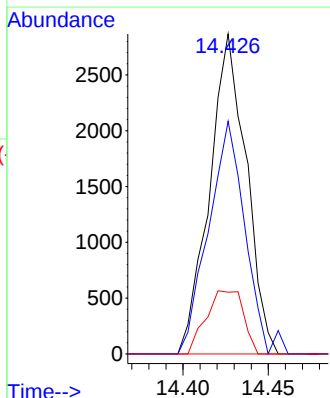
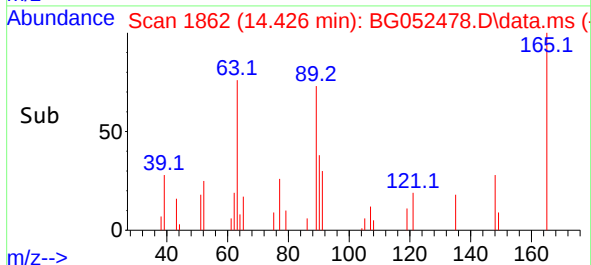
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

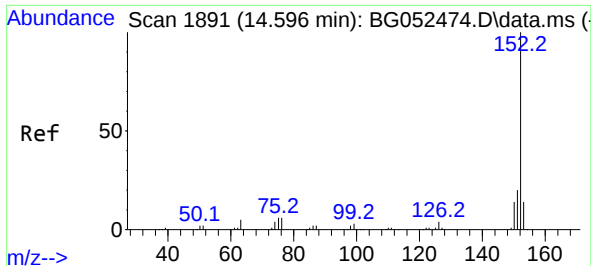


#48
2,6-Dinitrotoluene
Concen: 3.763 ng/ul
RT: 14.426 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



Tgt Ion:165 Resp: 4292
Ion Ratio Lower Upper
165 100
89 72.7 57.4 86.0
121 19.3 18.8 28.2





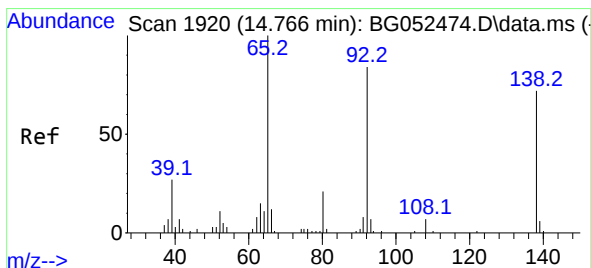
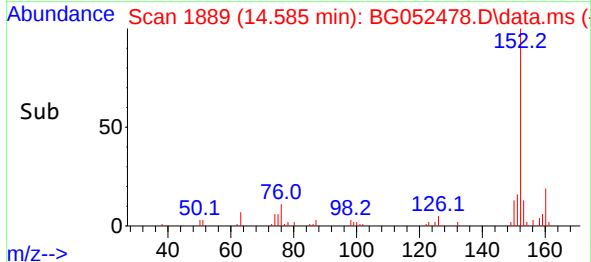
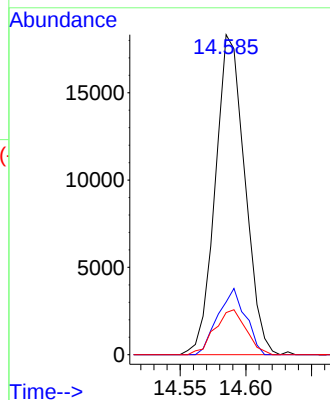
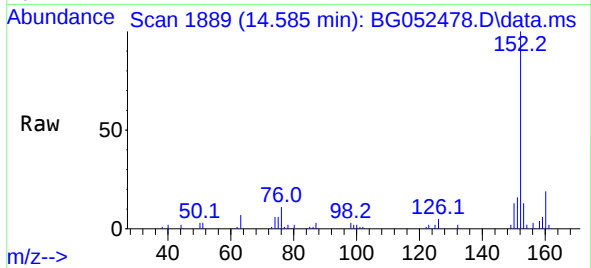
#50
Acenaphthylene
Concen: 4.354 ng/ul
RT: 14.585 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2022-01

Tgt Ion:152	Resp: 2862
Ion Ratio	Lower Upper
152 100	
151 16.4	17.4 26.0
153 13.1	10.3 15.5

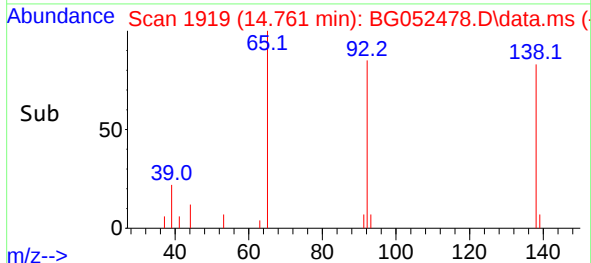
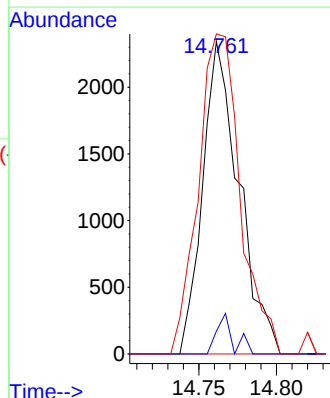
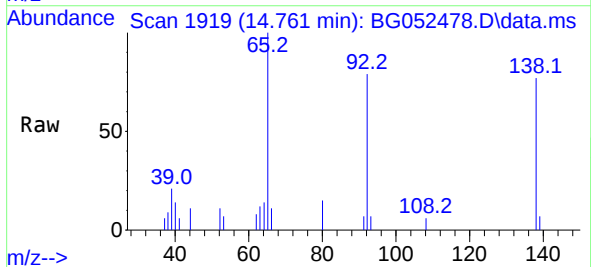
Manual Integrations
APPROVED

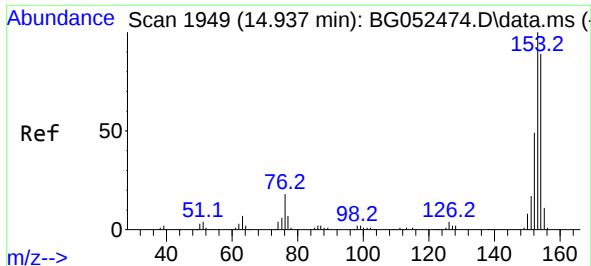
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#51
3-Nitroaniline
Concen: 4.096 ng/ul
RT: 14.761 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

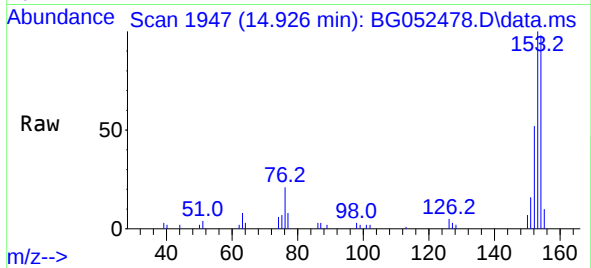
Tgt Ion:138	Resp: 3805
Ion Ratio	Lower Upper
138 100	
108 7.3	8.8 13.2
92 102.5	98.0 147.0





#52
Acenaphthene
Concen: 4.425 ng/ul
RT: 14.926 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

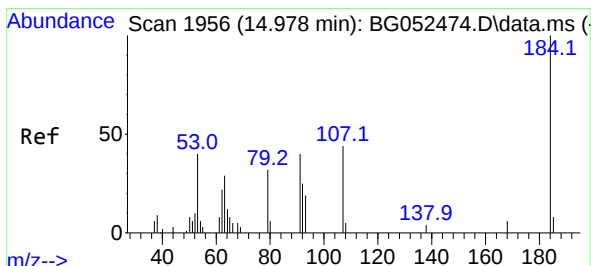
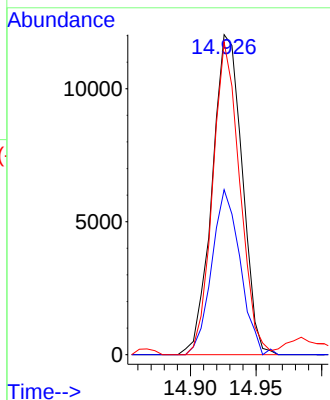
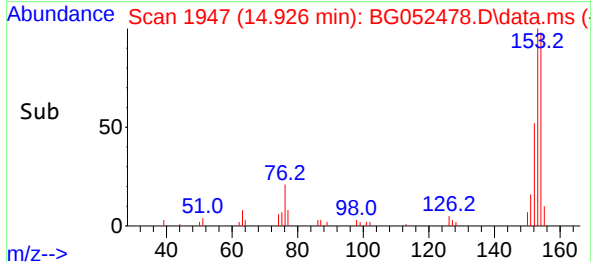
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2022-01



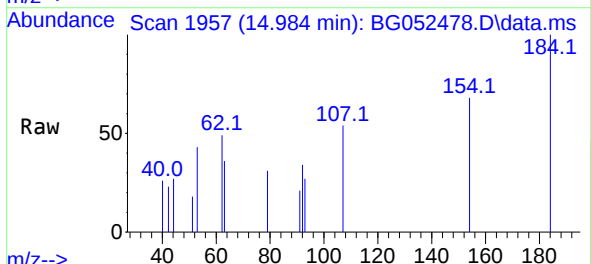
Tgt Ion:153 Resp: 19129
Ion Ratio Lower Upper
153 100
152 51.5 36.5 54.7
154 97.6 65.8 98.6

Manual Integrations
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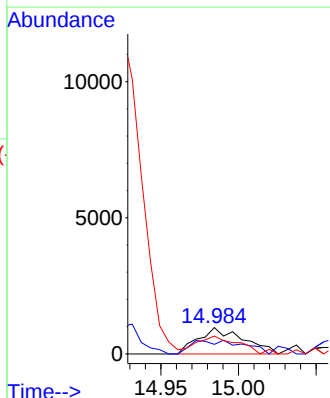
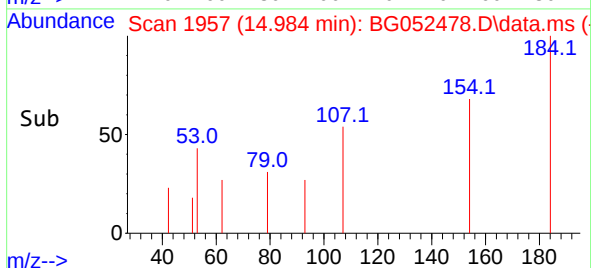
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

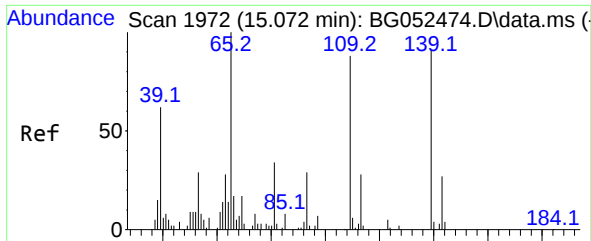


#53
2,4-Dinitrophenol
Concen: 3.466 ng/ul
RT: 14.984 min Scan# 1957
Delta R.T. 0.012 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



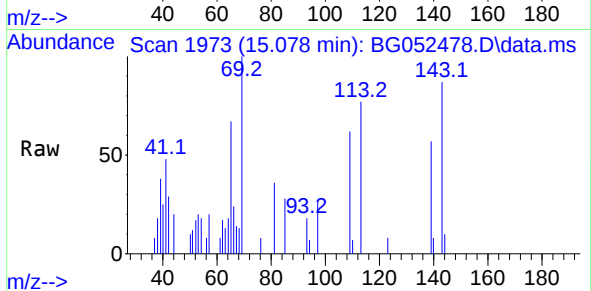
Tgt Ion:184 Resp: 1955
Ion Ratio Lower Upper
184 100
63 36.1 66.2 99.2#
154 67.7 53.6 80.4





#55
4-Nitrophenol
Concen: 3.642 ng/ul m
RT: 15.078 min Scan# 1972
Delta R.T. 0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

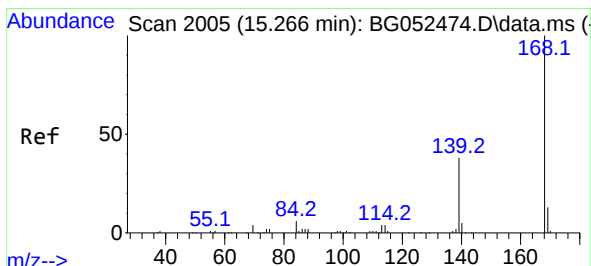
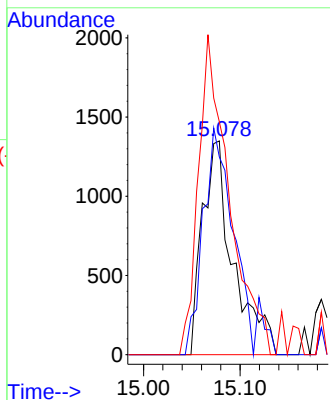
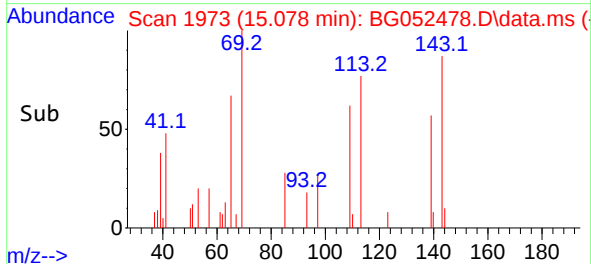
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



Tgt Ion:109 Resp: 2992
Ion Ratio Lower Upper
109 100
139 92.5 88.7 133.1
65 109.0 113.6 170.4

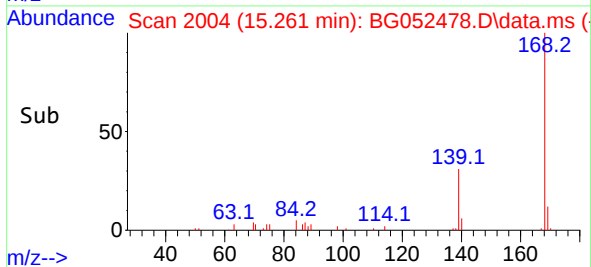
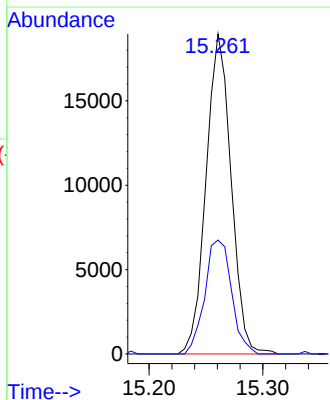
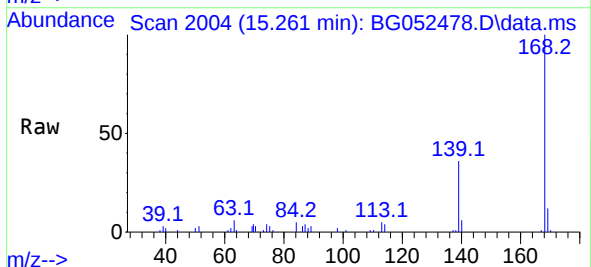
Manual Integrations
APPROVED

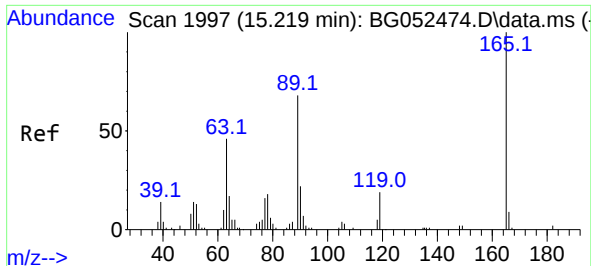
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#56
Dibenzofuran
Concen: 4.667 ng/ul
RT: 15.261 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

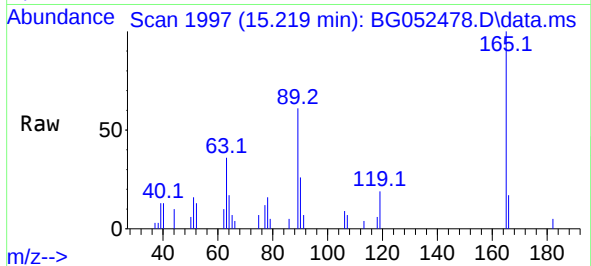
Tgt Ion:168 Resp: 29004
Ion Ratio Lower Upper
168 100
139 35.6 31.2 46.8





#57
2,4-Dinitrotoluene
Concen: 4.106 ng/ul
RT: 15.219 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

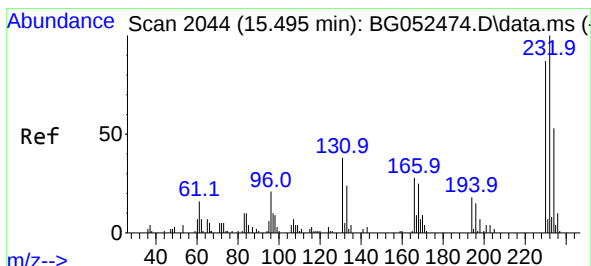
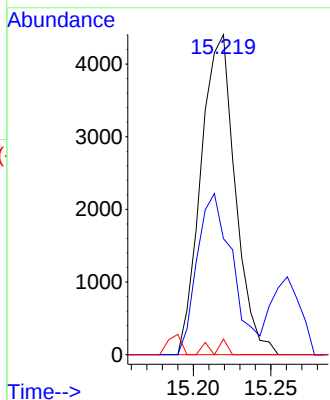
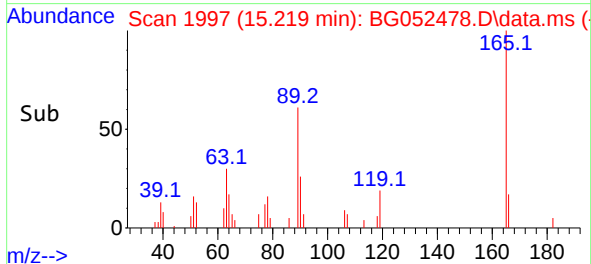
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



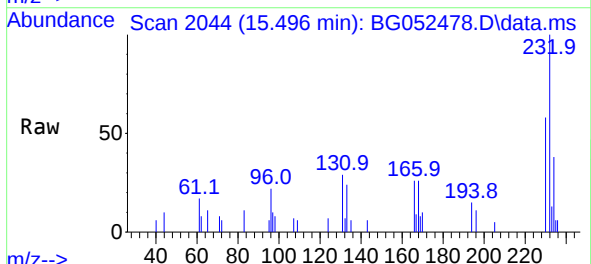
Tgt Ion:165 Resp: 6784
Ion Ratio Lower Upper
165 100
63 36.3 42.1 63.1
182 4.9 1.8 2.8

Manual Integrations
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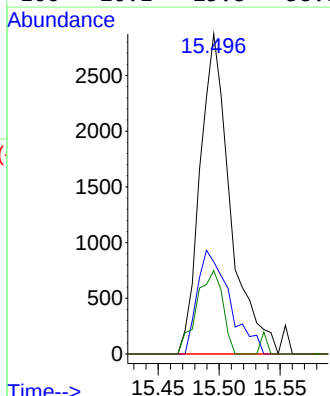
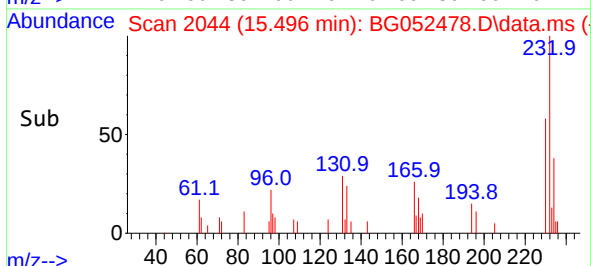
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

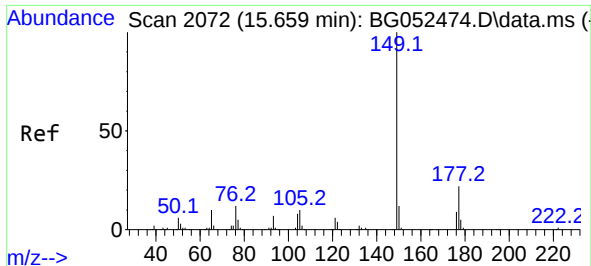


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.725 ng/ul
RT: 15.496 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



Tgt Ion:232 Resp: 4965
Ion Ratio Lower Upper
232 100
131 28.8 38.9 58.3#
130 0.0 2.4 3.6#
166 26.1 25.8 38.8





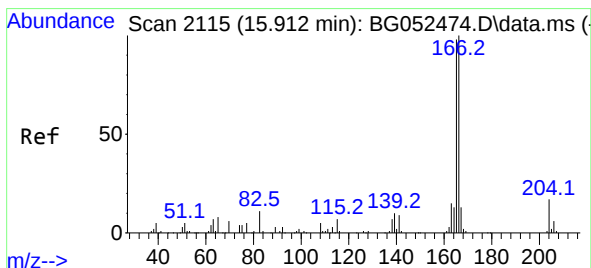
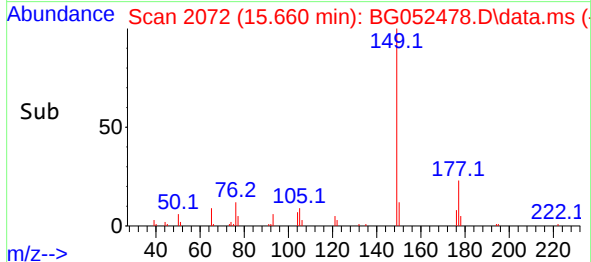
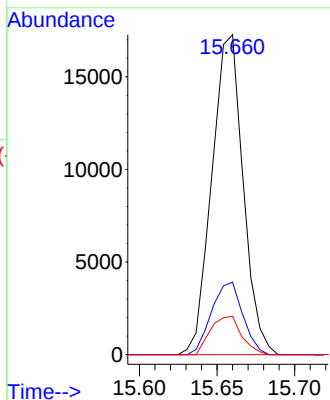
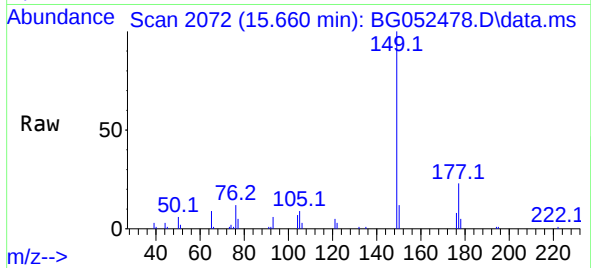
#59
Diethylphthalate
Concen: 4.601 ng/ul
RT: 15.660 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2022-01

Tgt Ion:149 Resp: 24225
Ion Ratio Lower Upper
149 100
177 22.6 16.8 25.2
150 12.0 10.1 15.1

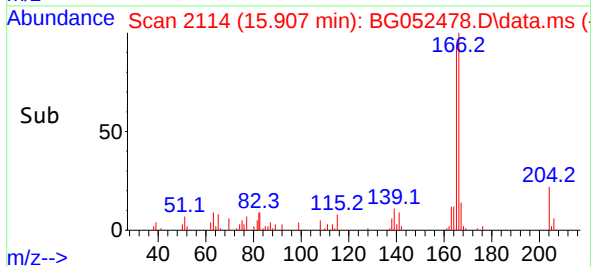
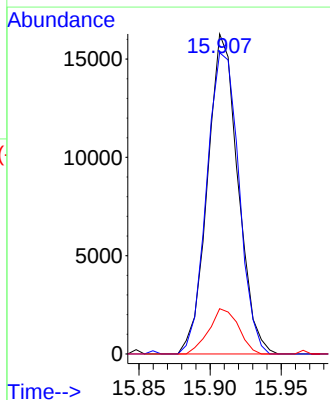
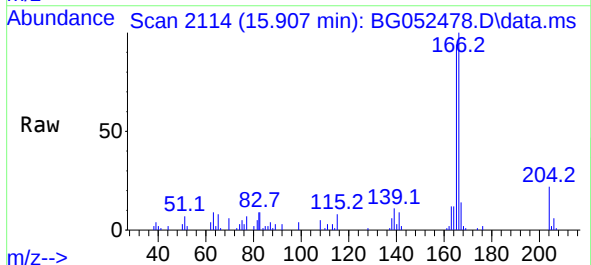
Manual Integrations
APPROVED

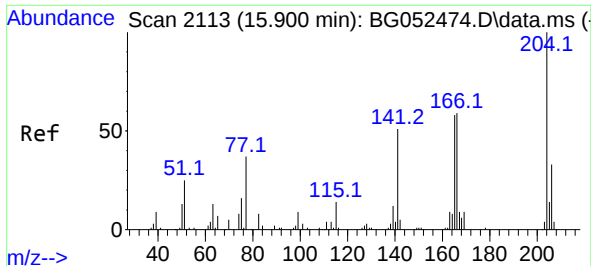
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#61
Fluorene
Concen: 4.635 ng/ul
RT: 15.907 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Tgt Ion:166 Resp: 24230
Ion Ratio Lower Upper
166 100
165 94.1 81.0 121.6
167 14.2 11.0 16.4





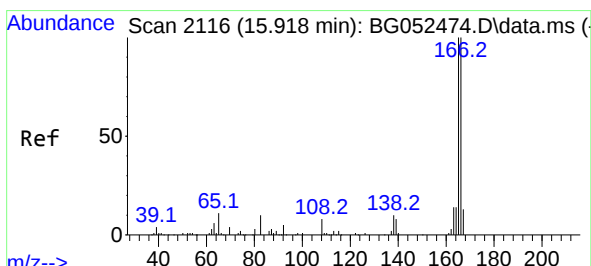
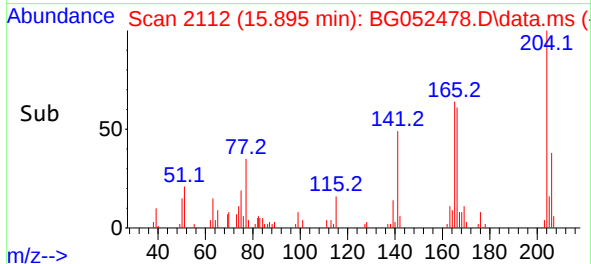
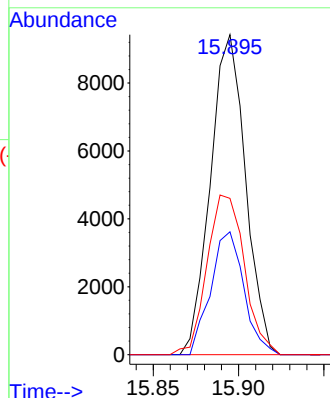
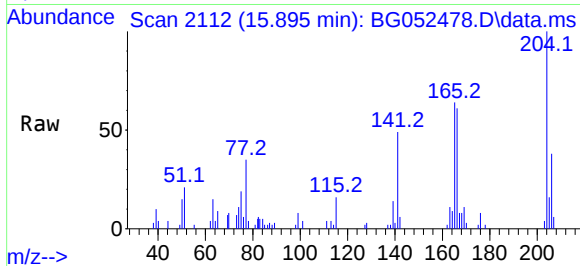
#62
4-Chlorophenyl-phenylether
Concen: 4.746 ng/ul
RT: 15.895 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01

Tgt Ion:204 Resp: 13504
Ion Ratio Lower Upper
204 100
206 38.4 27.4 41.2
141 48.8 48.6 73.0

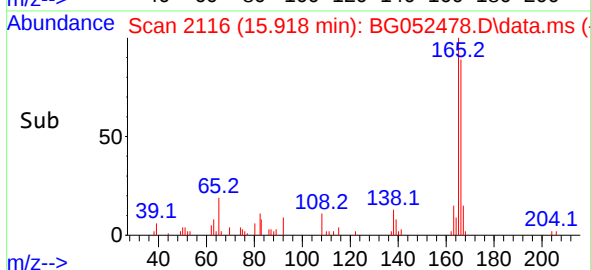
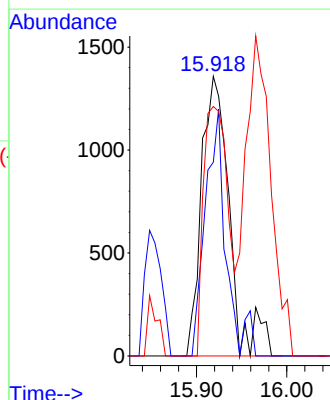
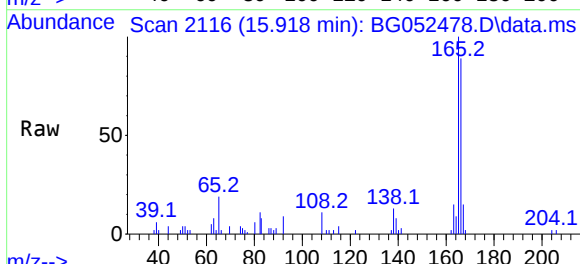
Manual Integrations
APPROVED

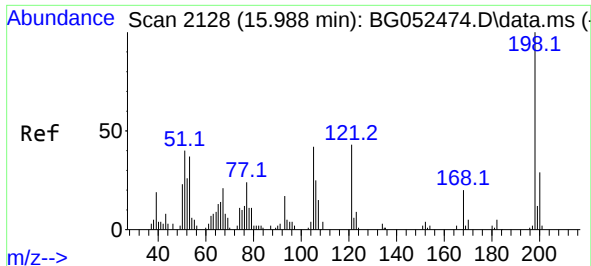
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#63
4-Nitroaniline
Concen: 3.277 ng/ul m
RT: 15.918 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

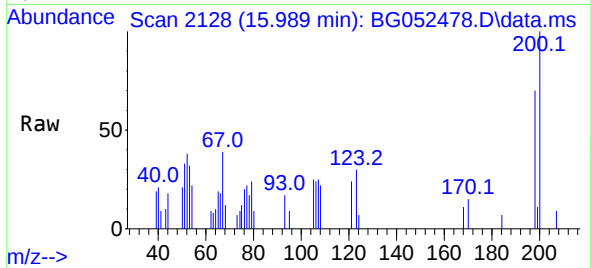
Tgt Ion:138 Resp: 2923
Ion Ratio Lower Upper
138 100
92 69.3 49.3 73.9
108 89.2 72.6 108.8





#66
4,6-Dinitro-2-methylphenol
Concen: 3.113 ng/ul
RT: 15.989 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

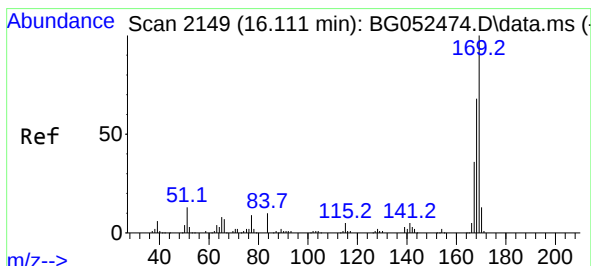
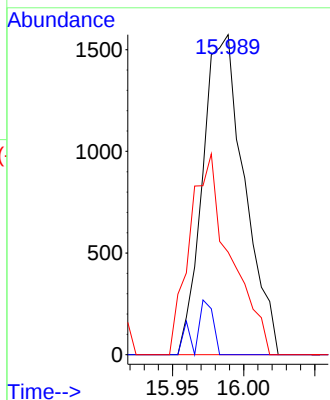
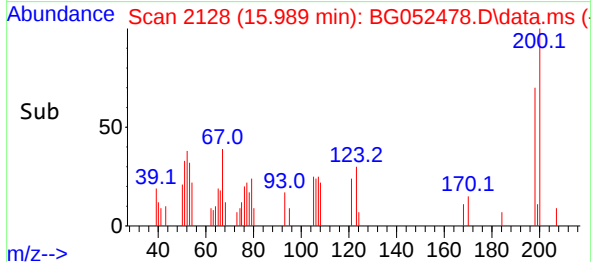
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



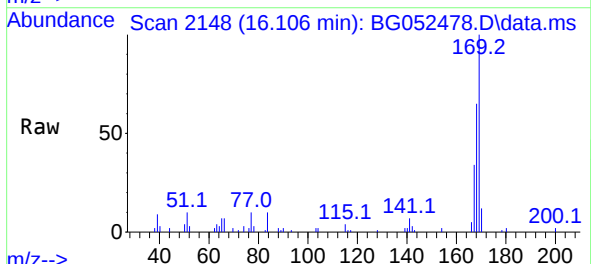
Tgt Ion:198 Resp: 322
Ion Ratio Lower Upper
198 100
182 0.0 3.8 5.8
77 32.1 23.2 34.8

Manual Integrations
APPROVED

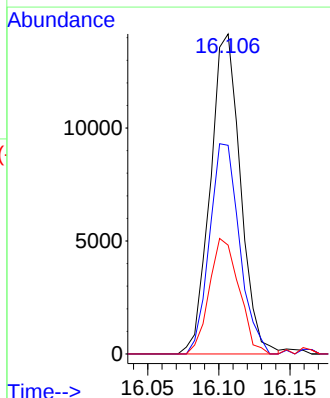
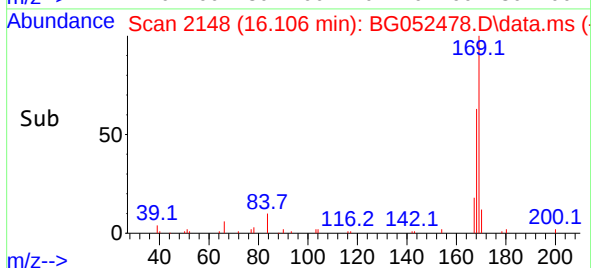
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

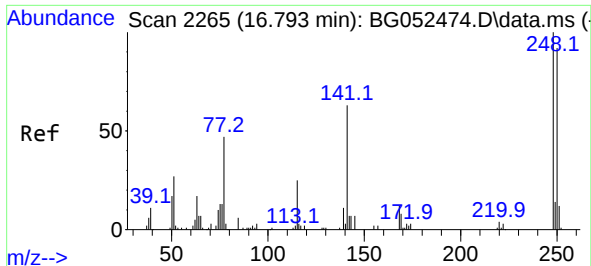


#67
N-Nitrosodiphenylamine
Concen: 4.401 ng/ul
RT: 16.106 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



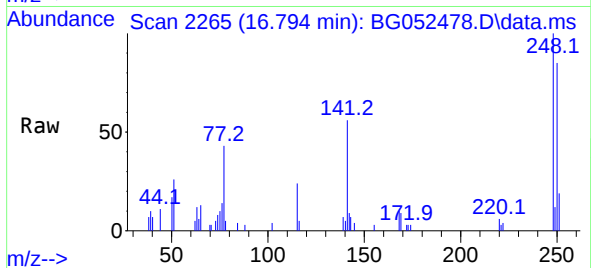
Tgt Ion:169 Resp: 20879
Ion Ratio Lower Upper
169 100
168 65.2 58.5 87.7
167 34.0 31.3 46.9





#68
4-Bromophenyl-phenylether
Concen: 4.451 ng/ul
RT: 16.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

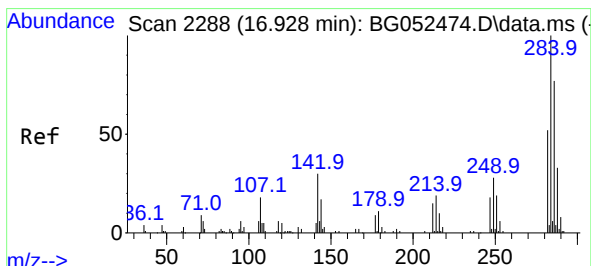
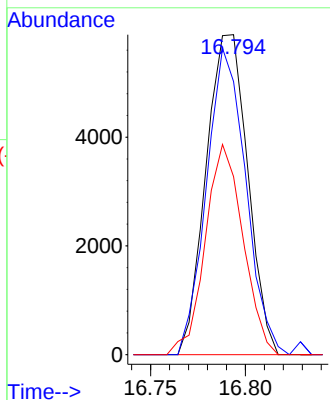
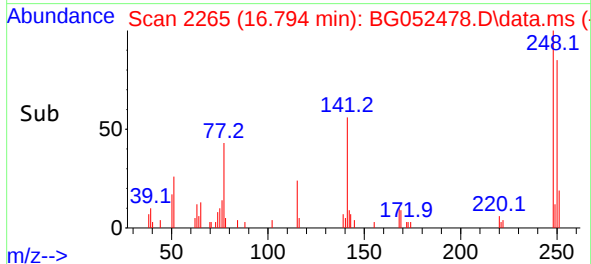
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



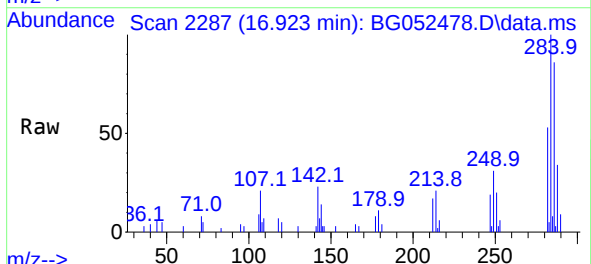
Tgt Ion:248 Resp: 899
Ion Ratio Lower Upper
248 100
250 85.3 75.5 113.3
141 55.6 67.6 101.4

Manual Integrations
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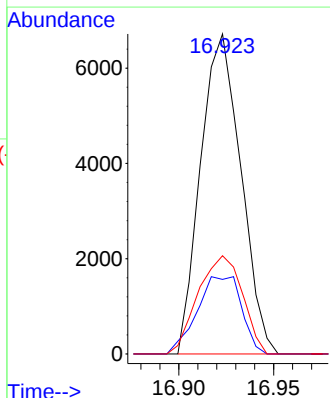
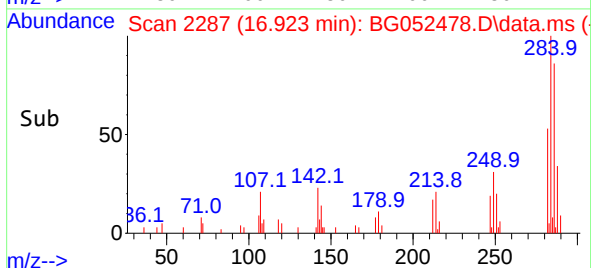
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

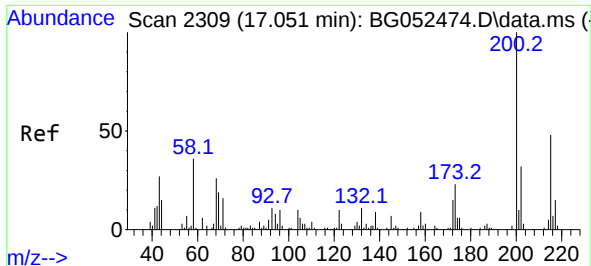


#69
Hexachlorobenzene
Concen: 4.280 ng/ul
RT: 16.923 min Scan# 2287
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



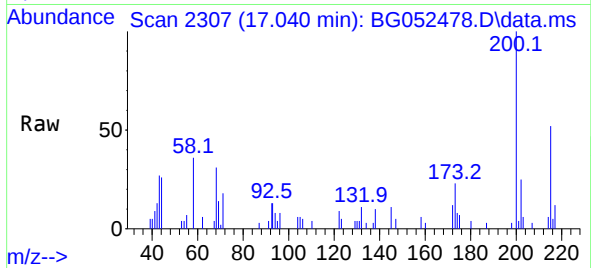
Tgt Ion:284 Resp: 9925
Ion Ratio Lower Upper
284 100
142 23.3 31.9 47.9#
249 30.7 25.8 38.6





#70
Atrazine
Concen: 4.387 ng/ul
RT: 17.040 min Scan# 217
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

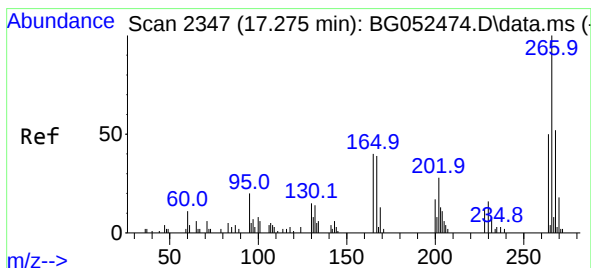
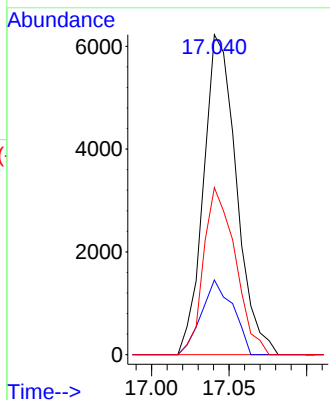
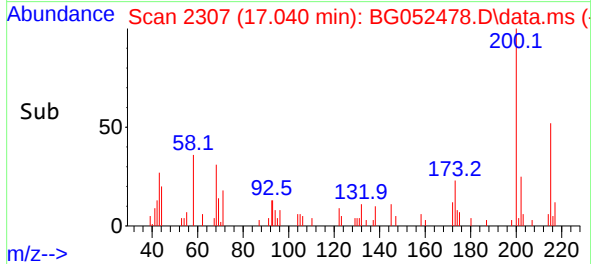
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



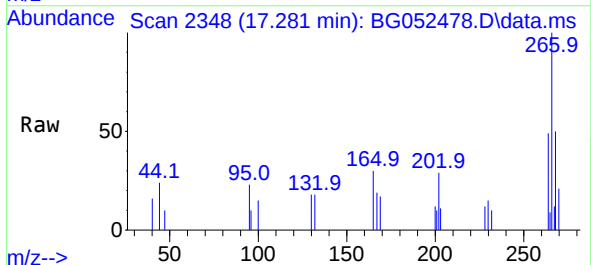
Tgt Ion:200 Resp: 917
Ion Ratio Lower Upper
200 100
173 23.3 20.2 30.2
215 52.2 38.1 57.1

Manual Integrations
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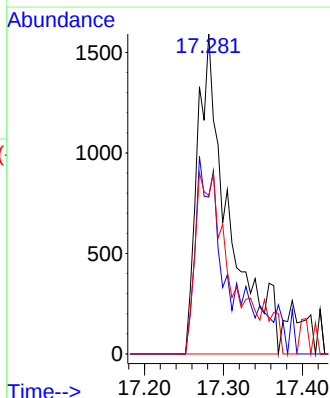
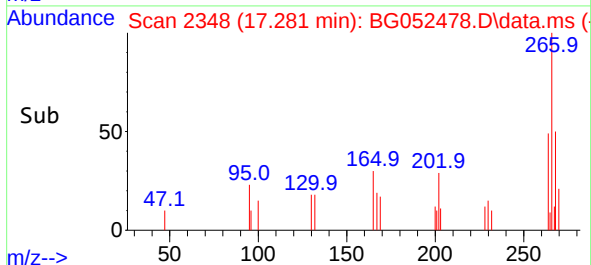
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

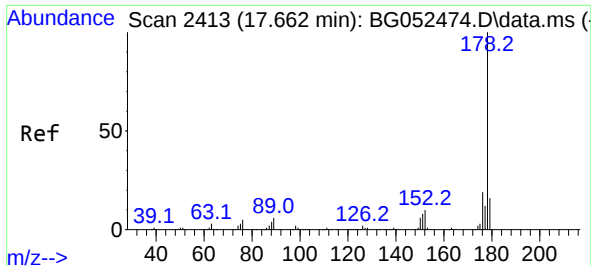


#71
Pentachlorophenol
Concen: 4.187 ng/ul m
RT: 17.281 min Scan# 2348
Delta R.T. 0.012 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



Tgt Ion:266 Resp: 4373
Ion Ratio Lower Upper
266 100
264 49.1 54.3 81.5#
268 49.6 51.0 76.6#





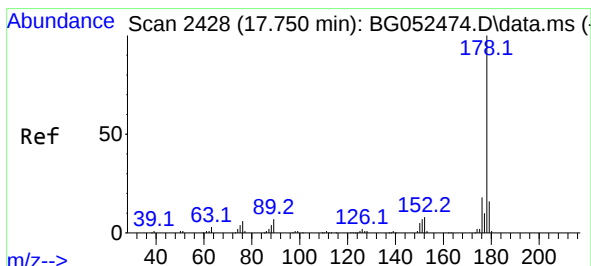
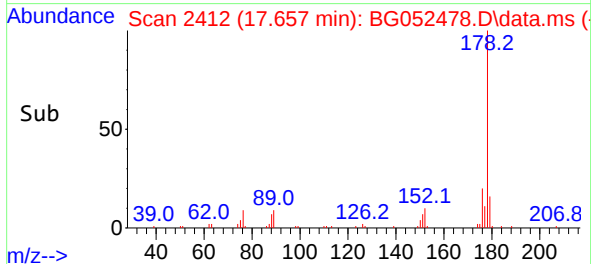
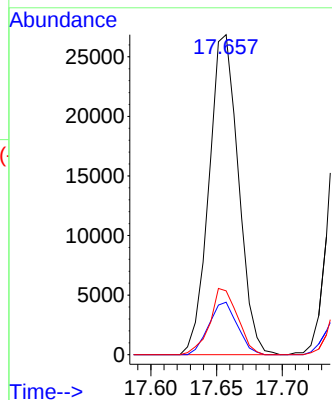
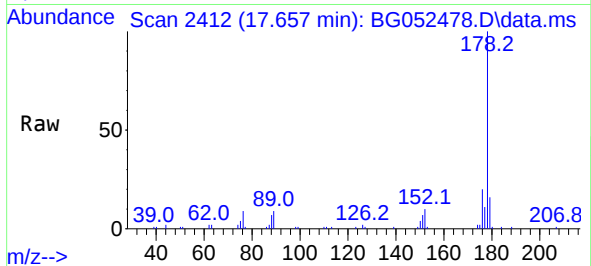
#72
Phenanthrene
Concen: 4.617 ng/ul
RT: 17.657 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01

Tgt Ion:178 Resp: 4187
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 19.9 15.5 23.3

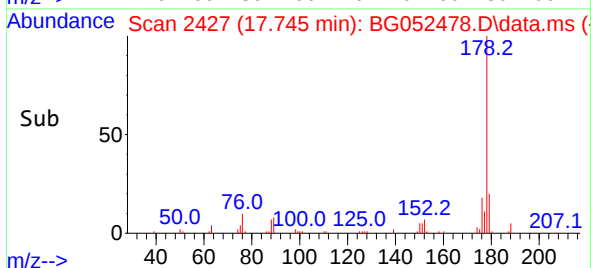
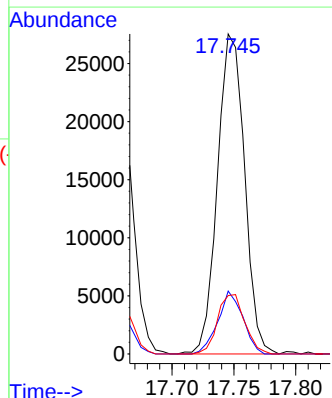
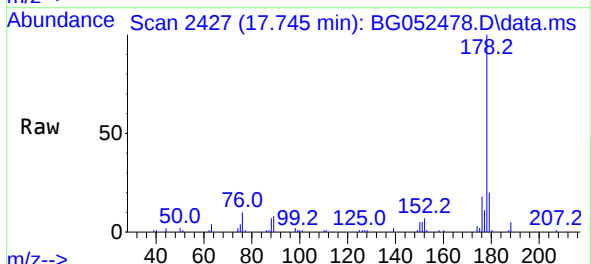
Manual Integrations
APPROVED

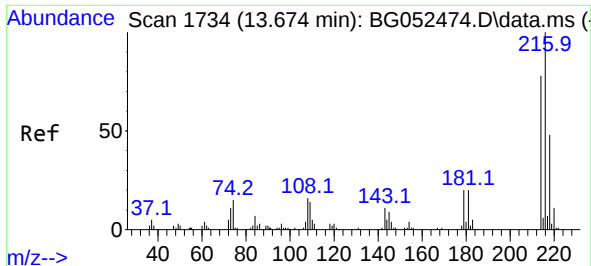
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#74
Anthracene
Concen: 4.594 ng/ul m
RT: 17.745 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

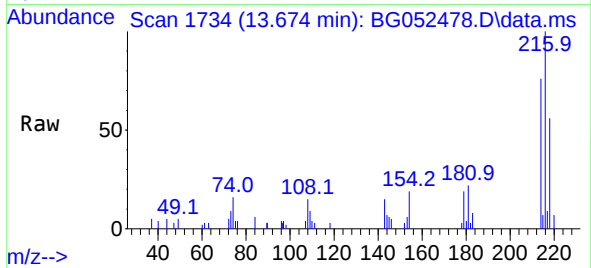
Tgt Ion:178 Resp: 41934
Ion Ratio Lower Upper
178 100
179 19.6 13.0 19.6#
176 18.3 15.6 23.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.934 ng/uL
RT: 13.674 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

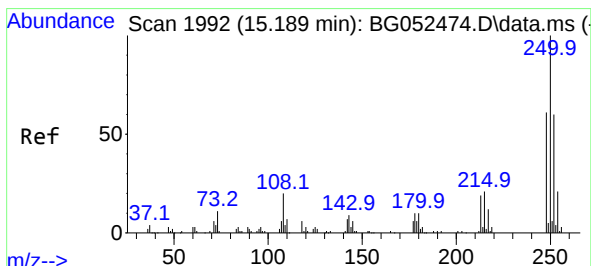
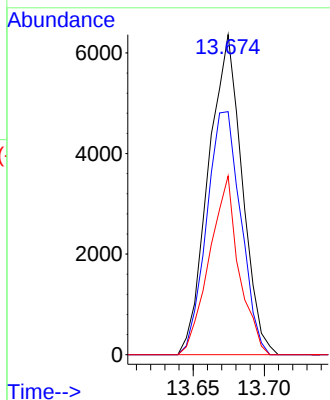
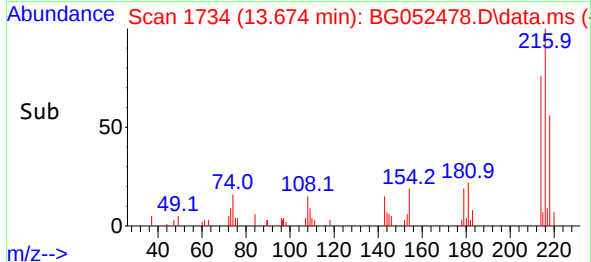
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



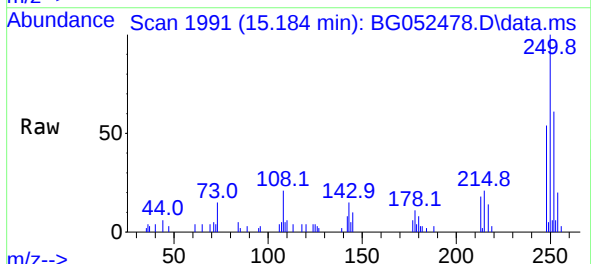
Tgt Ion:216 Resp: 10479
Ion Ratio Lower Upper
216 100
214 76.0 61.3 91.9
218 55.9 37.0 55.6

Manual Integrations
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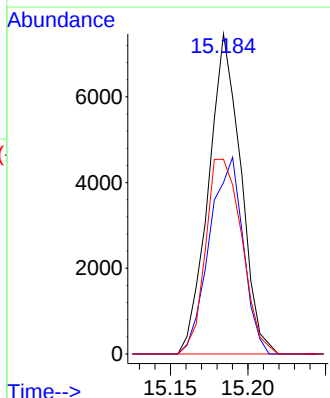
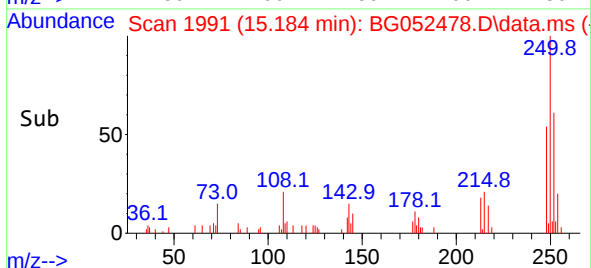
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

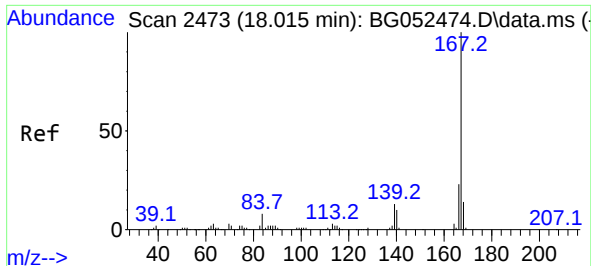


#76
Pentachlorobenzene
Concen: 4.244 ng/uL
RT: 15.184 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



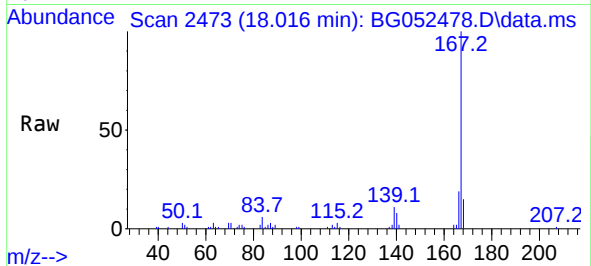
Tgt Ion:250 Resp: 10793
Ion Ratio Lower Upper
250 100
248 53.5 50.5 75.7
252 60.8 51.2 76.8





#77
 Carbazole
 Concen: 4.388 ng/ul
 RT: 18.016 min Scan# 2473
 Delta R.T. -0.000 min
 Lab File: BG052478.D
 Acq: 24 Feb 2022 15:15

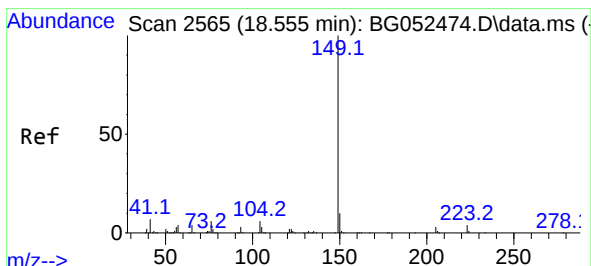
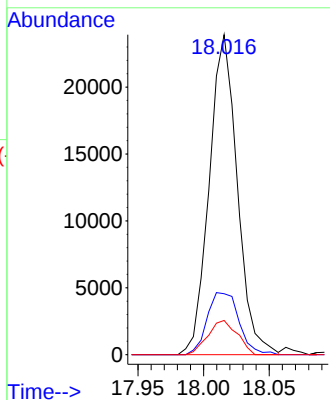
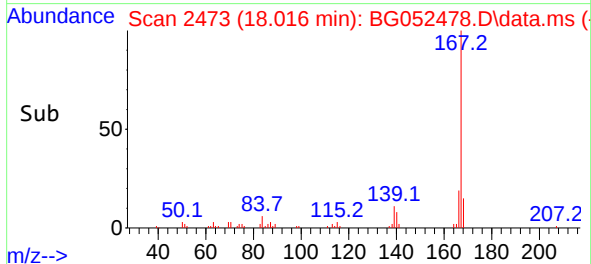
Instrument : BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2022-01



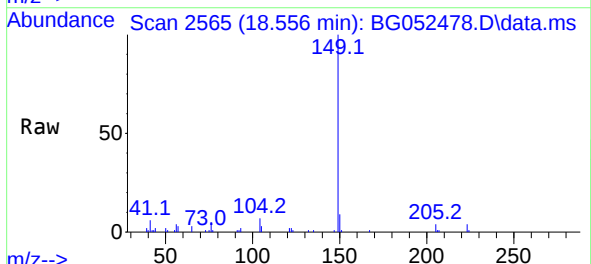
Tgt Ion:167 Resp: 35574
 Ion Ratio Lower Upper
 167 100
 166 19.0 17.3 25.9
 139 10.7 10.6 16.0

Manual Integrations
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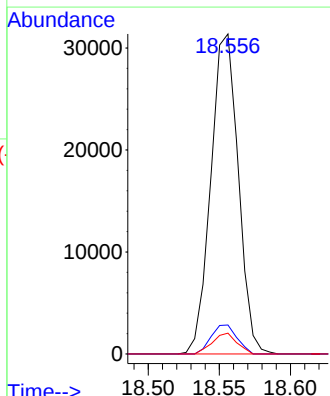
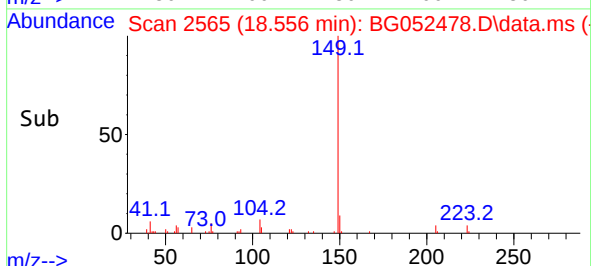
Reviewed By :Jagrut Upadhyay 02/25/2022
 Supervised By :mohammad ahmed 02/28/2022

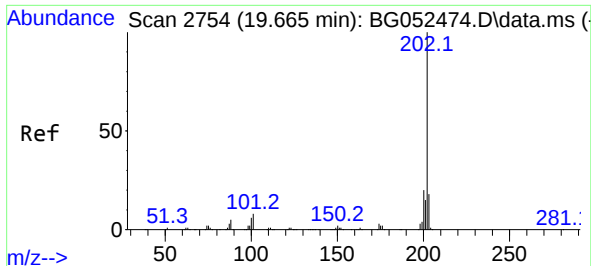


#78
 Di-n-butylphthalate
 Concen: 4.375 ng/ul
 RT: 18.556 min Scan# 2565
 Delta R.T. -0.000 min
 Lab File: BG052478.D
 Acq: 24 Feb 2022 15:15



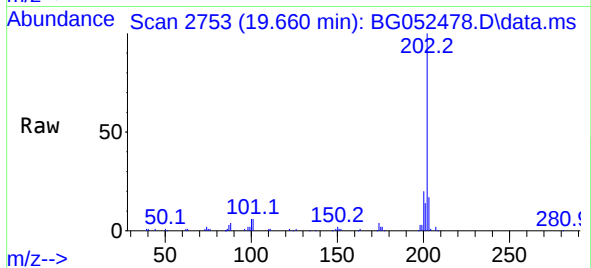
Tgt Ion:149 Resp: 42179
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 6.5 5.0 7.6





#80
Fluoranthene
Concen: 4.469 ng/u1
RT: 19.660 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

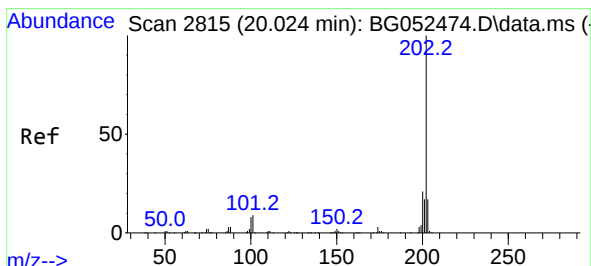
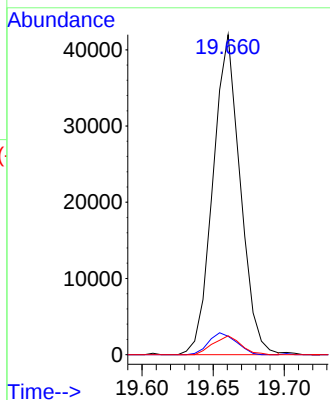
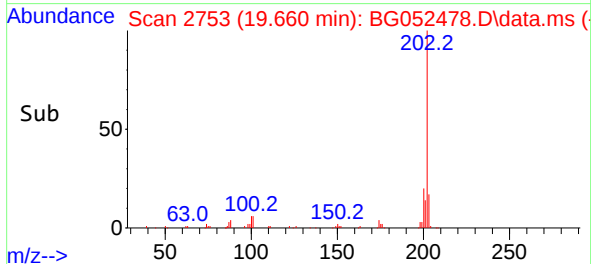
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



Tgt Ion:202 Resp: 5604
Ion Ratio Lower Upper
202 100
101 5.7 9.3 13.9
100 5.9 7.0 10.6

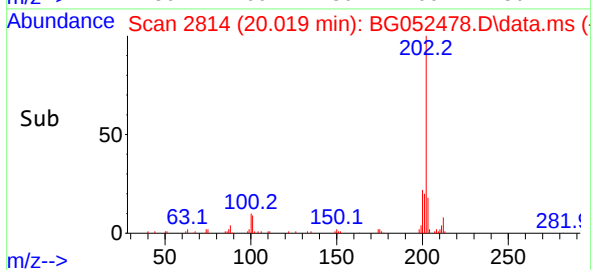
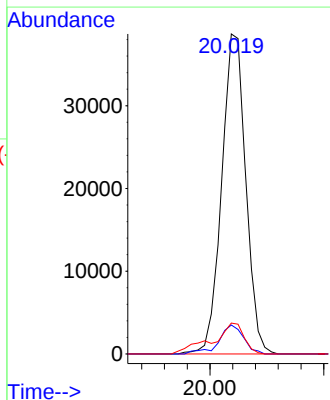
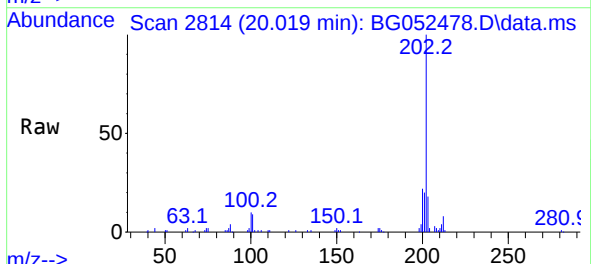
Manual Integrations
APPROVED

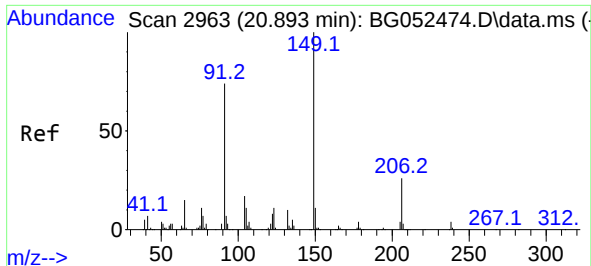
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#82
Pyrene
Concen: 4.570 ng/u1
RT: 20.019 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

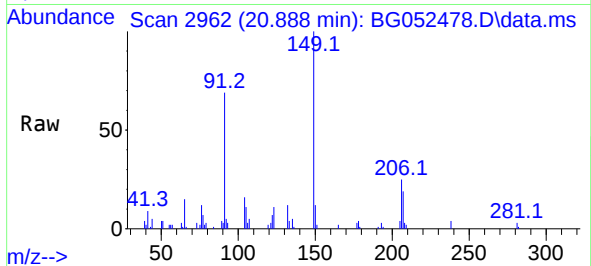
Tgt Ion:202 Resp: 56913
Ion Ratio Lower Upper
202 100
101 9.0 10.7 16.1#
100 9.7 9.0 13.6





#83
Butylbenzylphthalate
Concen: 3.987 ng/ul
RT: 20.888 min Scan# 2962
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

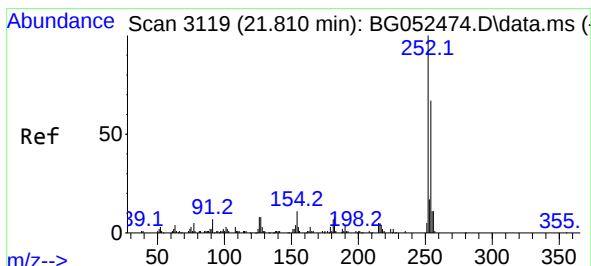
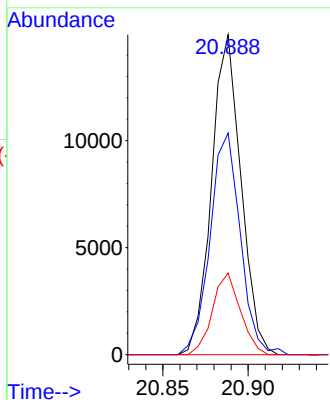
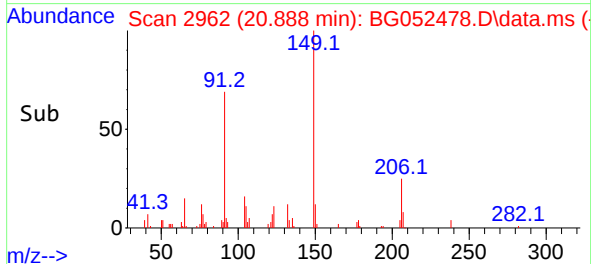
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



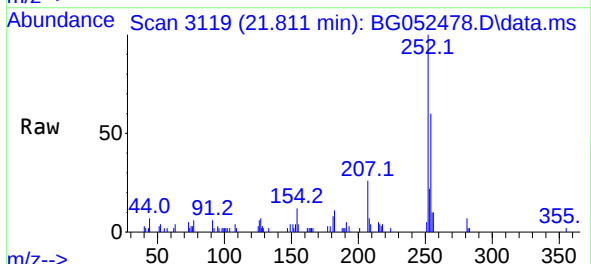
Tgt Ion:149 Resp: 1795
Ion Ratio Lower Upper
149 100
91 69.2 65.2 97.8
206 25.5 16.2 24.2

Manual Integrations
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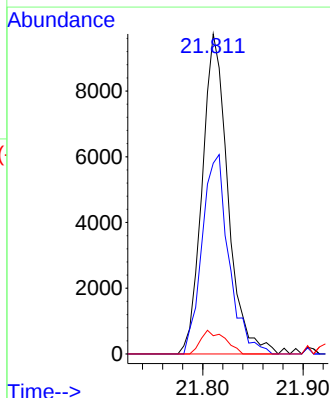
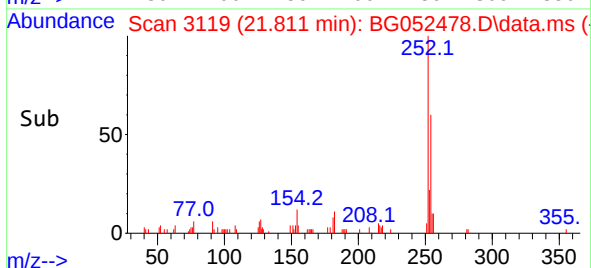
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

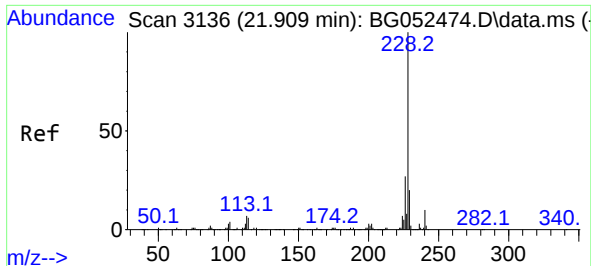


#84
3,3'-Dichlorobenzidine
Concen: 4.326 ng/ul
RT: 21.811 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15



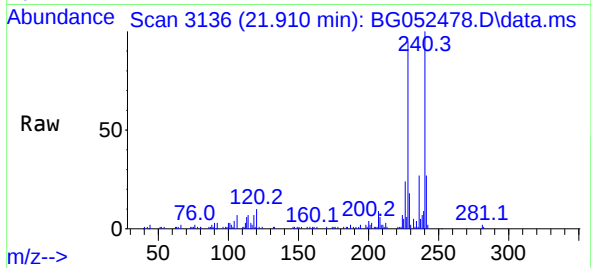
Tgt Ion:252 Resp: 17350
Ion Ratio Lower Upper
252 100
254 59.6 50.8 76.2
126 5.7 9.0 13.4





#85
Benzo(a)anthracene
Concen: 4.508 ng/ul
RT: 21.910 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

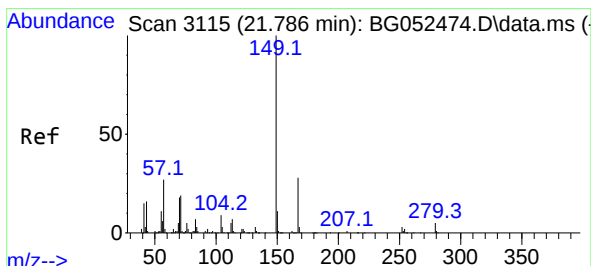
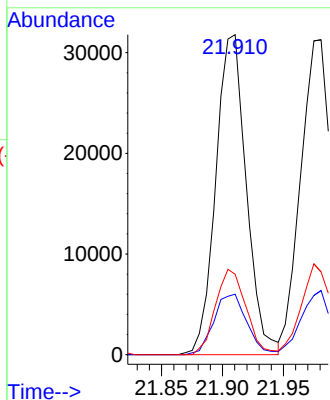
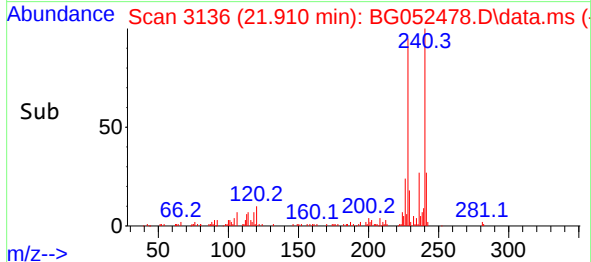
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2022-01



Tgt Ion:228 Resp: 55452
Ion Ratio Lower Upper
228 100
229 18.9 15.7 23.5
226 25.2 22.3 33.5

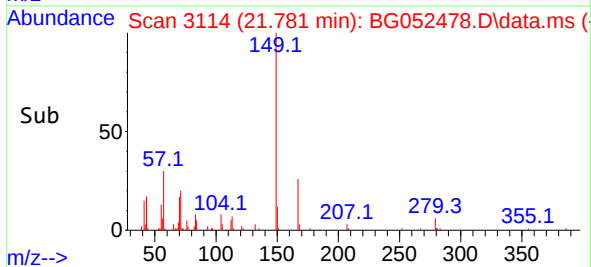
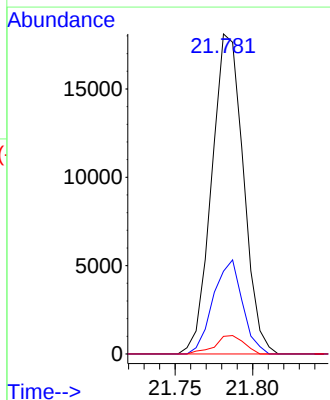
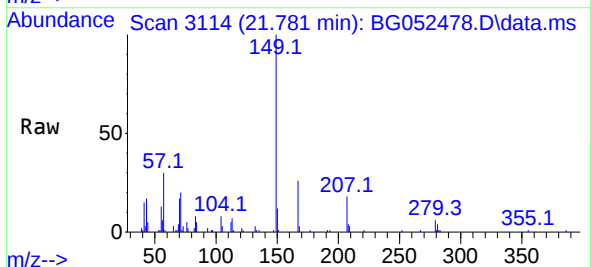
Manual Integrations
APPROVED

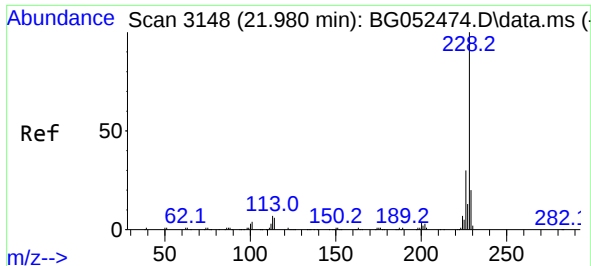
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.072 ng/ul
RT: 21.781 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

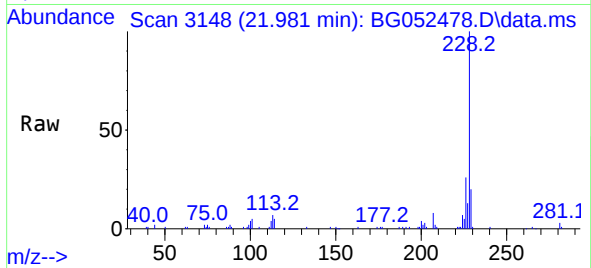
Tgt Ion:149 Resp: 25700
Ion Ratio Lower Upper
149 100
167 25.9 21.1 31.7
279 5.5 2.7 4.1#





#87
Chrysene
Concen: 4.668 ng/ul
RT: 21.981 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

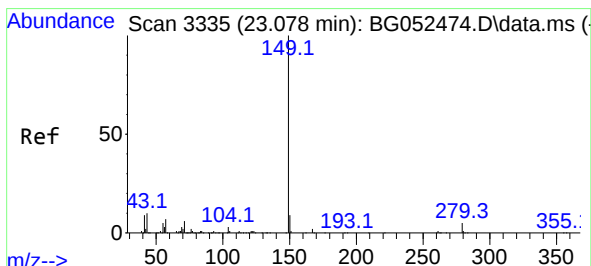
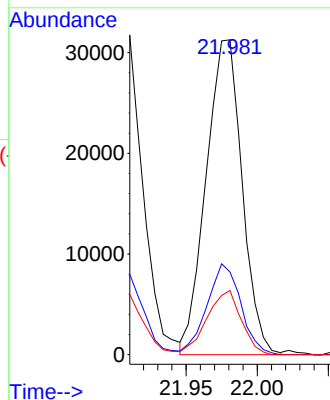
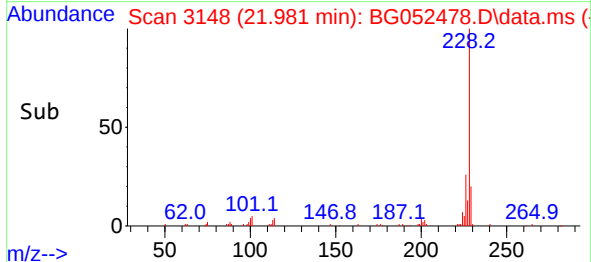
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



Tgt Ion:228 Resp: 55058
Ion Ratio Lower Upper
228 100
226 26.3 24.8 37.2
229 20.4 15.8 23.6

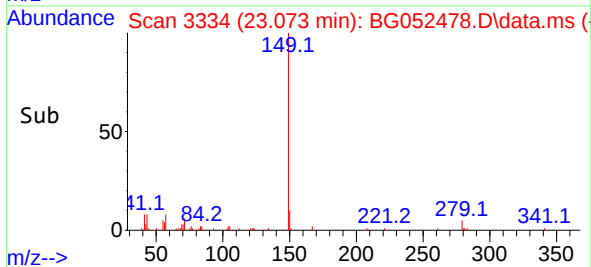
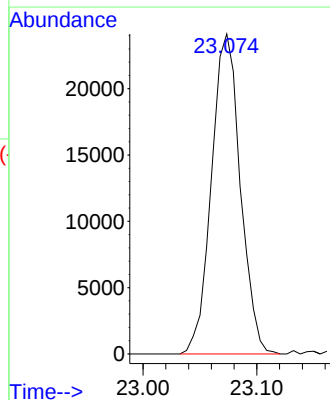
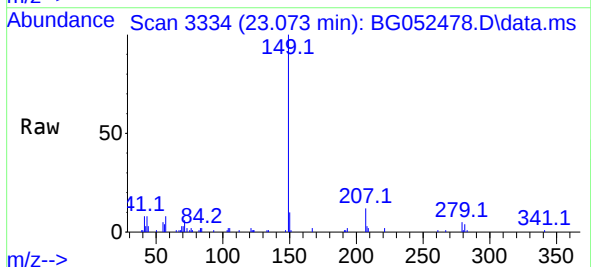
Manual Integrations
APPROVED

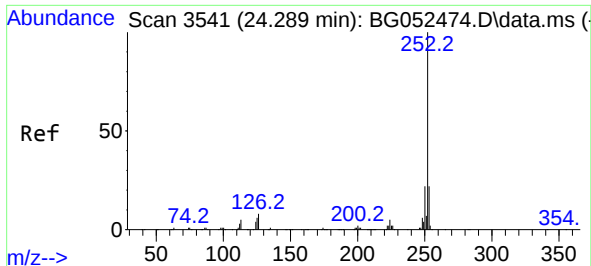
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#89
Di-n-octyl phthalate
Concen: 4.048 ng/ul
RT: 23.073 min Scan# 3334
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Tgt Ion:149 Resp: 42578





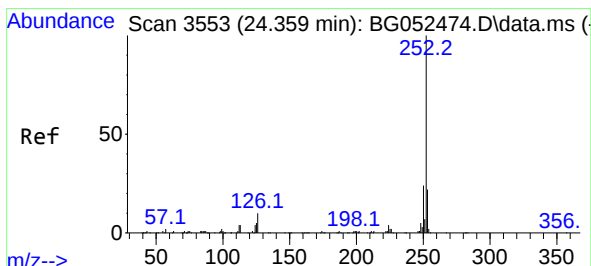
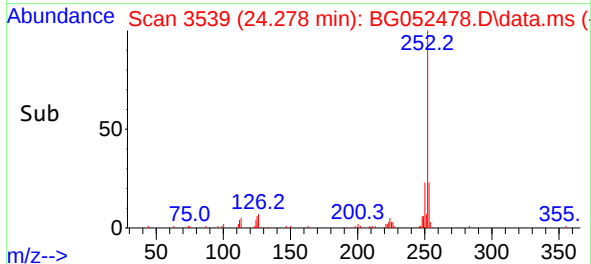
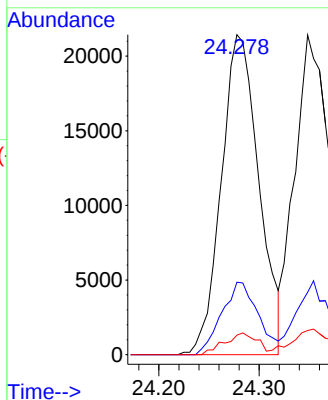
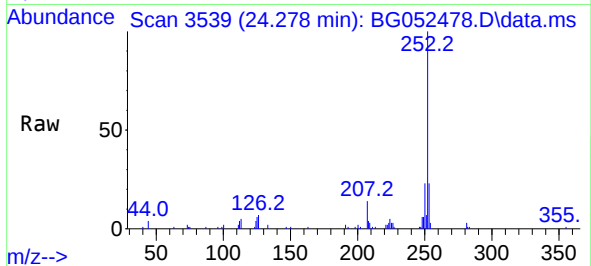
#90
Benzo(b)fluoranthene
Concen: 4.401 ng/ul
RT: 24.278 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01

Tgt Ion:252 Resp: 5581
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 6.1 8.5 12.7

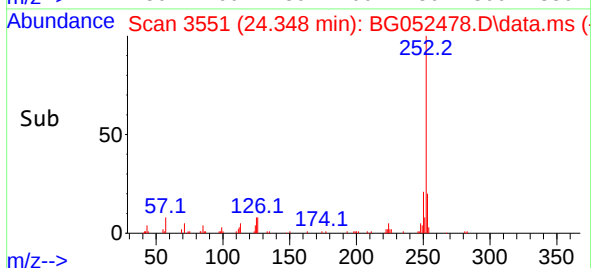
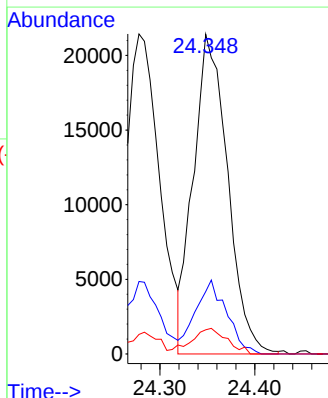
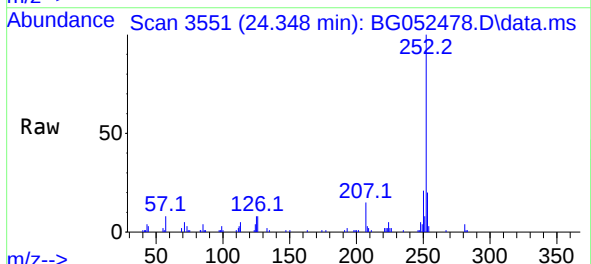
Manual Integrations
APPROVED

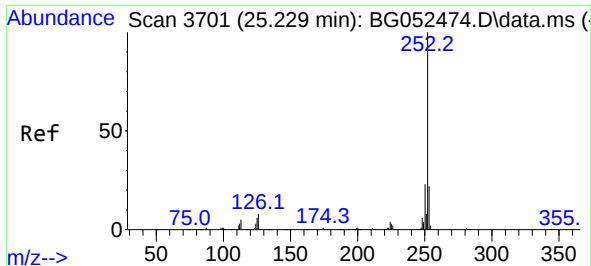
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#91
Benzo(k)fluoranthene
Concen: 4.587 ng/ul
RT: 24.348 min Scan# 3551
Delta R.T. -0.012 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

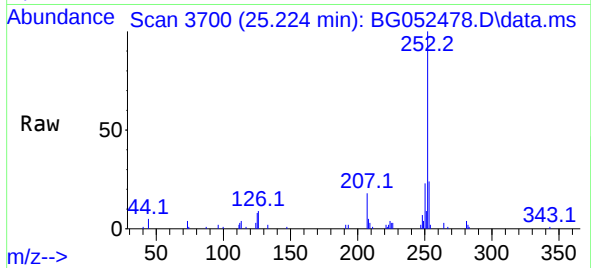
Tgt Ion:252 Resp: 53656
Ion Ratio Lower Upper
252 100
253 19.5 17.3 25.9
125 7.6 7.8 11.6





#93
Benzo(a)pyrene
Concen: 4.370 ng/u1
RT: 25.224 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

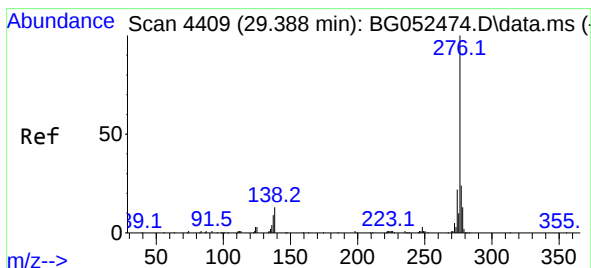
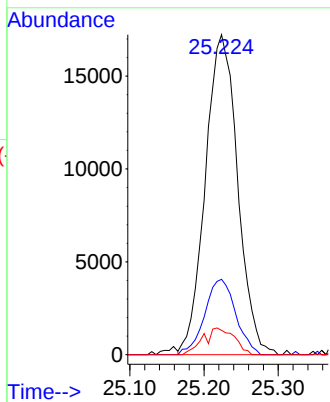
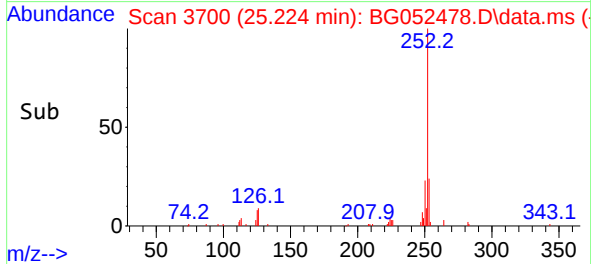
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



Tgt Ion:252 Resp: 5213
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 7.6 9.1 13.7

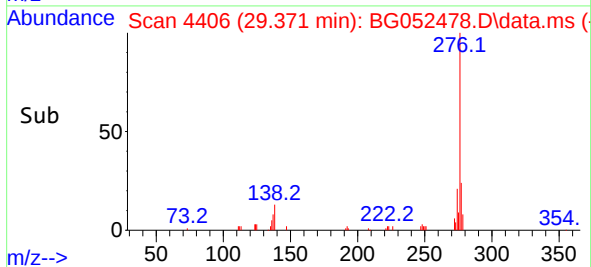
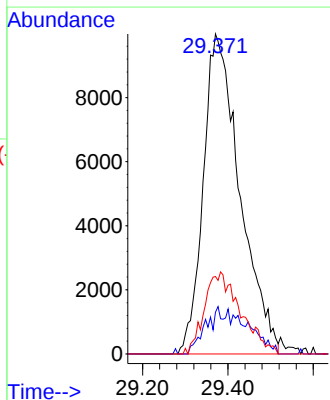
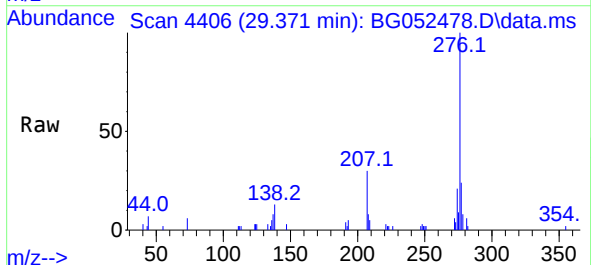
Manual Integrations
APPROVED

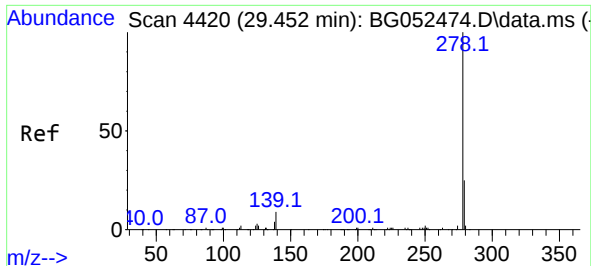
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.378 ng/u1
RT: 29.371 min Scan# 4406
Delta R.T. -0.018 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

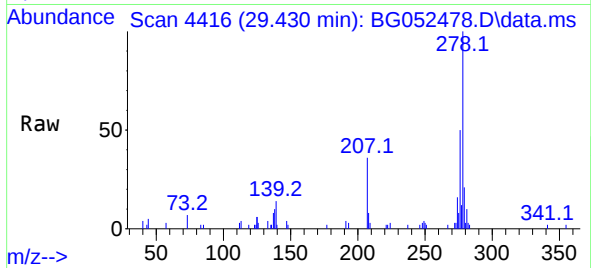
Tgt Ion:276 Resp: 59391
Ion Ratio Lower Upper
276 100
138 13.0 15.5 23.3#
277 24.2 20.5 30.7





#95
Dibenzo(a,h)anthracene
Concen: 4.334 ng/ul m
RT: 29.430 min Scan# 4416
Delta R.T. -0.030 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

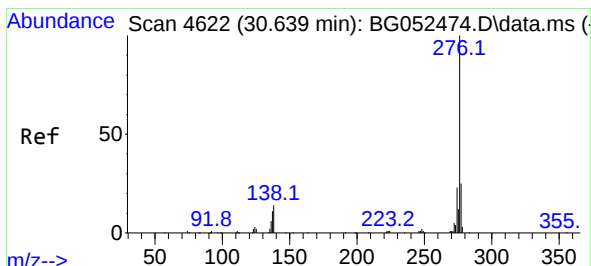
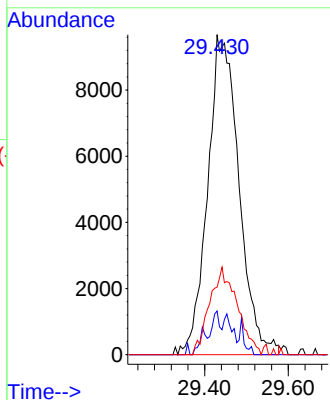
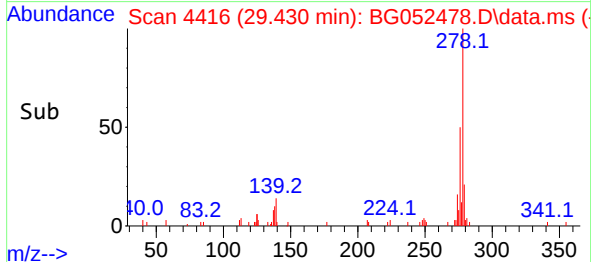
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-01



Tgt Ion:278 Resp: 50192
Ion Ratio Lower Upper
278 100
139 13.6 12.2 18.4
279 21.1 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 02/28/2022



#96
Benzo(g,h,i)perylene
Concen: 4.490 ng/ul m
RT: 30.622 min Scan# 4619
Delta R.T. -0.018 min
Lab File: BG052478.D
Acq: 24 Feb 2022 15:15

Tgt Ion:276 Resp: 51137
Ion Ratio Lower Upper
276 100
138 10.8 16.6 24.8#
277 22.0 17.6 26.4

