

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022522\
 Data File : BG052489.D
 Acq On : 25 Feb 2022 15:14
 Operator : CG/JU
 Sample : N1331-04
 Misc : SFAM-MDL-SOIL02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2022-02

Quant Time: Feb 25 15:59:49 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 03/02/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	24024	20.000	ng/u1	0.01
20) Naphthalene-d8	11.066	136	98903	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.872	164	74907	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.622	188	191951	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.933	240	207384	20.000	ng/u1	# 0.00
88) Perylene-d12	25.405	264	203656	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	2431	3.969	ng/uL	0.00
4) Pyridine-d5	3.981	84	21071	11.405	ng/u1	0.00
7) Phenol-d5	7.377	99	29007	12.733	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.535	67	19306	14.502	ng/u1	0.00
11) 2-Chlorophenol-d4	7.759	132	20847	13.029	ng/u1	0.01
15) 4-Methylphenol-d8	8.933	113	22846	12.889	ng/u1	0.00
21) Nitrobenzene-d5	9.403	128	11606	13.765	ng/u1	0.00
24) 2-Nitrophenol-d4	10.138	143	12393	13.419	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.684	165	22326	12.964	ng/u1	0.01
31) 4-Chloroaniline-d4	11.195	131	31654	13.263	ng/u1	0.00
46) Dimethylphthalate-d6	14.262	166	85013	13.961	ng/u1	0.00
49) Acenaphthylene-d8	14.567	160	104696	13.927	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	10925	11.286	ng/u1	0.01
60) Fluorene-d10	15.859	176	76842	14.364	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.977	200	13288	10.918	ng/u1	0.00
73) Anthracene-d10	17.716	188	135958	14.661	ng/u1	0.00
81) Pyrene-d10	20.001	212	171455	14.129	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.159	264	154534	14.144	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.588	88	1085	1.523	ng/uL#	75
5) Pyridine	4.005	79	8018	4.298	ng/u1#	79
6) Benzaldehyde	7.353	77	5850	4.522	ng/u1	89
8) Phenol	7.400	94	9724	4.220	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.635	93	7270	4.266	ng/u1	95
12) 2-Chlorophenol	7.794	128	7201	4.320	ng/u1#	93
13) 2-Methylphenol	8.669	108	7001	4.014	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.745	45	11150	4.780	ng/u1#	93
16) Acetophenone	9.057	105	12427	4.551	ng/u1	89
17) N-Nitroso-di-n-propyla...	9.033	70	6858	4.266	ng/u1#	85
18) 4-Methylphenol	8.998	108	7612	4.104	ng/u1	80
19) Hexachloroethane	9.333	117	2901	4.451	ng/u1#	69
22) Nitrobenzene	9.444	77	9963	4.609	ng/u1#	90
23) Isophorone	9.967	82	18924	4.538	ng/u1#	96
25) 2-Nitrophenol	10.161	139	4369	4.502	ng/u1#	84
26) 2,4-Dimethylphenol	10.214	107	8108	4.062	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.449	93	10578	4.687	ng/u1	98
29) 2,4-Dichlorophenol	10.707	162	7533	4.624	ng/u1	90
30) Naphthalene	11.119	128	25729	4.676	ng/u1#	95
32) 4-Chloroaniline	11.219	127	10735	4.385	ng/u1	95
33) Hexachlorobutadiene	11.401	225	6188	4.813	ng/u1	89
34) Caprolactam	11.976	113	2411m	3.978	ng/u1	
35) 4-Chloro-3-methylphenol	12.335	107	7365	4.047	ng/u1#	81
36) 2-Methylnaphthalene	12.717	142	18261	4.632	ng/u1	87

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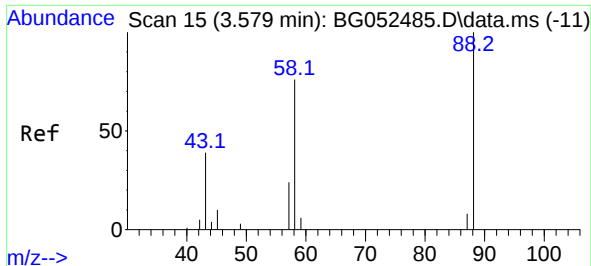
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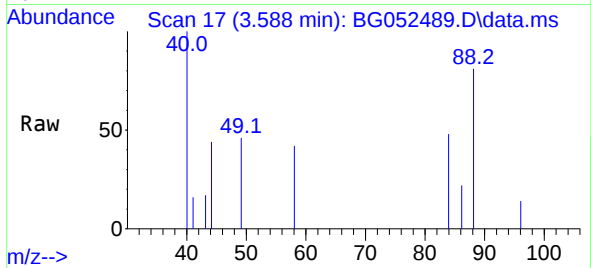
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.928	142	19046	4.747	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.081	216	11390	4.333	ng/ul#	95
40) Hexachlorocyclopentadiene	13.057	237	4579	3.598	ng/ul	99
41) 2,4,6-Trichlorophenol	13.322	196	5323	3.376	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.398	196	6340m	3.773	ng/ul	
43) 1,1'-Biphenyl	13.703	154	26452	4.441	ng/ul#	92
44) 2-Chloronaphthalene	13.756	162	20628	4.554	ng/ul#	87
45) 2-Nitroaniline	13.944	65	5547	3.750	ng/ul	98
47) Dimethylphthalate	14.309	163	27404	4.604	ng/ul	97
48) 2,6-Dinitrotoluene	14.432	165	5466	4.193	ng/ul#	84
50) Acenaphthylene	14.590	152	34952	4.653	ng/ul#	91
51) 3-Nitroaniline	14.778	138	4165m	3.923	ng/ul	
52) Acenaphthene	14.937	153	22316	4.517	ng/ul	97
53) 2,4-Dinitrophenol	14.996	184	2153m	3.340	ng/ul	
55) 4-Nitrophenol	15.078	109	4464	4.755	ng/ul	85
56) Dibenzofuran	15.266	168	32163	4.529	ng/ul	100
57) 2,4-Dinitrotoluene	15.225	165	8597	4.553	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.501	232	5505	3.615	ng/ul#	92
59) Diethylphthalate	15.660	149	27690	4.602	ng/ul	98
61) Fluorene	15.918	166	27653	4.629	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.900	204	15081	4.639	ng/ul	90
63) 4-Nitroaniline	15.918	138	3591	3.523	ng/ul#	62
66) 4,6-Dinitro-2-methylph...	15.994	198	5460m	4.629	ng/ul	
67) N-Nitrosodiphenylamine	16.112	169	23685	4.379	ng/ul	95
68) 4-Bromophenyl-phenylether	16.799	248	10271	4.458	ng/ul#	80
69) Hexachlorobenzene	16.928	284	12195	4.613	ng/ul#	88
70) Atrazine	17.052	200	10010	4.200	ng/ul#	92
71) Pentachlorophenol	17.281	266	5513m	4.630	ng/ul	
72) Phenanthrene	17.663	178	49902m	4.827	ng/ul	
74) Anthracene	17.751	178	49499	4.757	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.680	216	13058	4.300	ng/ul	93
76) Pentachlorobenzene	15.190	250	13534	4.669	ng/ul	97
77) Carbazole	18.021	167	42108	4.556	ng/ul	94
78) Di-n-butylphthalate	18.562	149	48709	4.432	ng/ul	99
80) Fluoranthene	19.666	202	64343	4.491	ng/ul#	90
82) Pyrene	20.030	202	67096	4.716	ng/ul#	87
83) Butylbenzylphthalate	20.894	149	19369	3.766	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.816	252	19268	4.206	ng/ul	98
85) Benzo(a)anthracene	21.916	228	63930	4.549	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.792	149	29417	4.080	ng/ul#	99
87) Chrysene	21.986	228	62534	4.642	ng/ul	95
89) Di-n-octyl phthalate	23.079	149	47517	4.035	ng/ul	100
90) Benzo(b)fluoranthene	24.295	252	64893	4.570	ng/ul#	92
91) Benzo(k)fluoranthene	24.360	252	59377	4.534	ng/ul#	98
93) Benzo(a)pyrene	25.235	252	59675	4.467	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.394	276	67612m	4.451	ng/ul	
95) Dibenzo(a,h)anthracene	29.470	278	56593	4.365	ng/ul#	89
96) Benzo(g,h,i)perylene	30.645	276	56926m	4.464	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.523 ng/uL
RT: 3.588 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG052489.D
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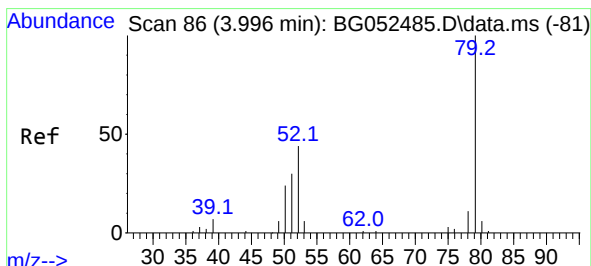
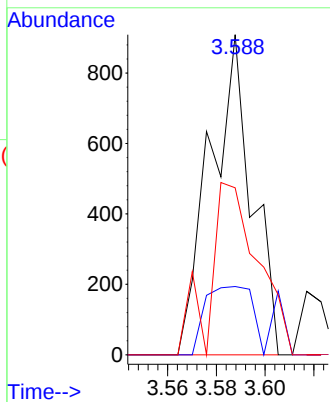
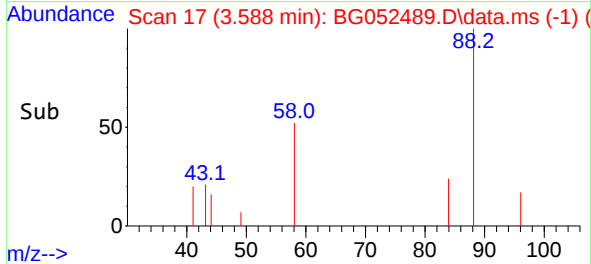
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



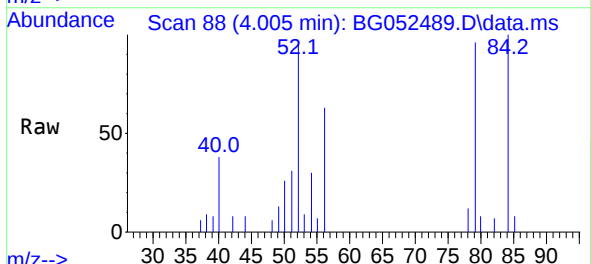
Tgt Ion: 88 Resp: 1088
Ion Ratio Lower Upper
88 100
43 21.3 23.0 34.4
58 52.1 62.4 93.6

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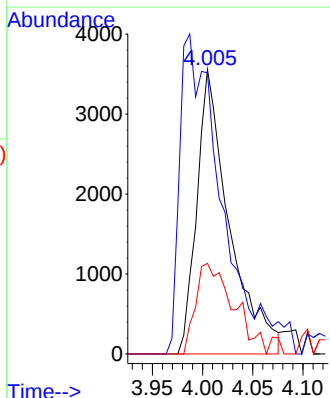
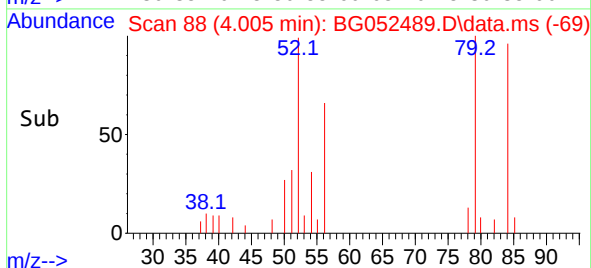
Reviewed By :Jagrut Upadhyay 02/25/2022
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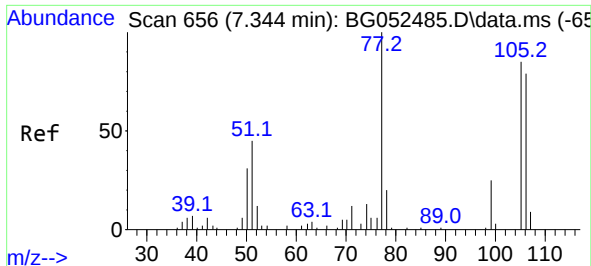


#5
Pyridine
Concen: 4.298 ng/uL
RT: 4.005 min Scan# 88
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



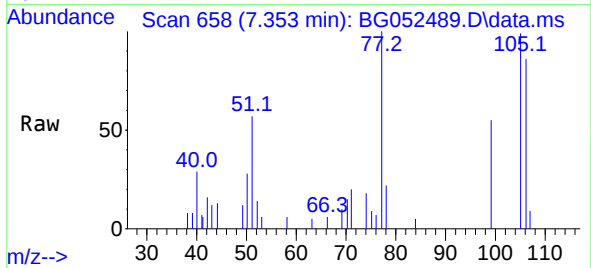
Tgt Ion: 79 Resp: 8018
Ion Ratio Lower Upper
79 100
52 98.8 60.8 91.2
51 31.8 30.5 45.7





#6
Benzaldehyde
Concen: 4.522 ng/ul
RT: 7.353 min Scan# 656
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

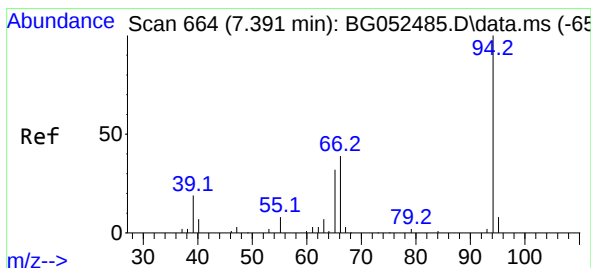
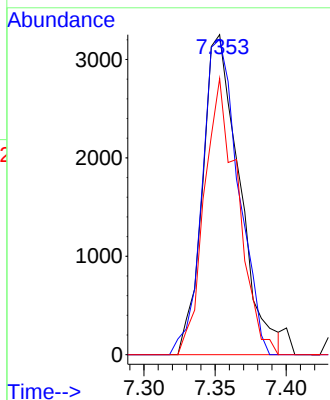
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



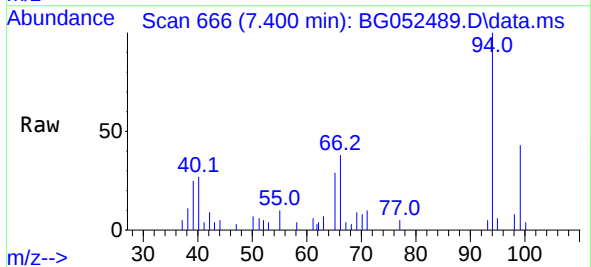
Tgt Ion: 77 Resp: 5850
Ion Ratio Lower Upper
77 100
105 98.5 70.4 105.6
106 86.3 61.2 91.8

Manual Integrations
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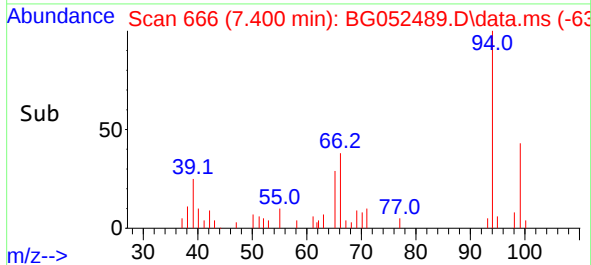
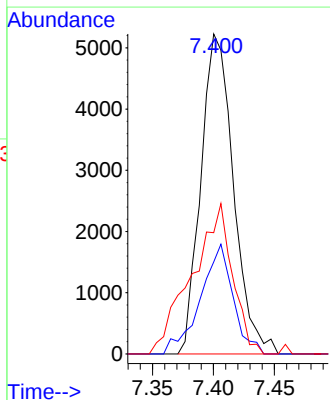
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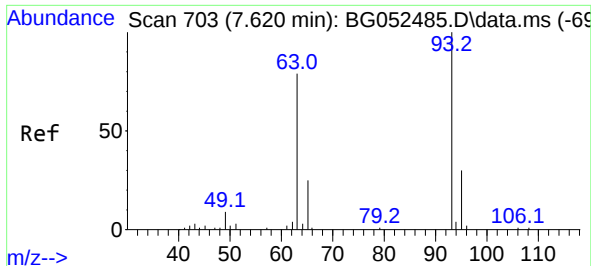


#8
Phenol
Concen: 4.220 ng/ul
RT: 7.400 min Scan# 666
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



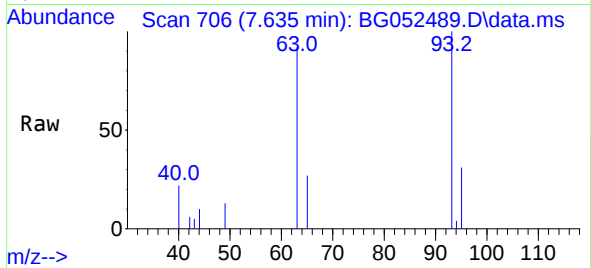
Tgt Ion: 94 Resp: 9724
Ion Ratio Lower Upper
94 100
65 28.7 25.1 37.7
66 37.9 31.6 47.4





#10
Bis(2-Chloroethyl)ether
Concen: 4.266 ng/ul
RT: 7.635 min Scan# 703
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

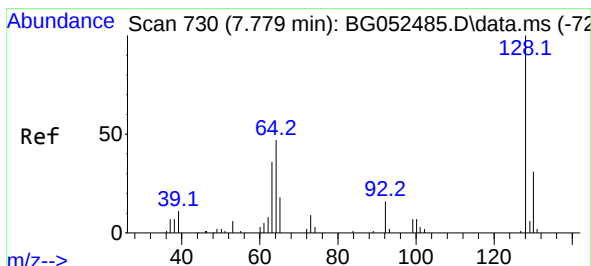
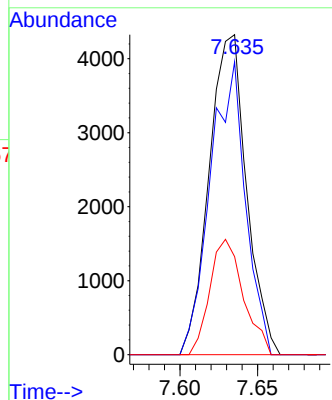
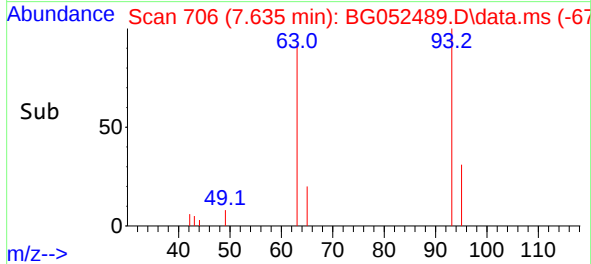
Instrument :
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ClientSampleId :
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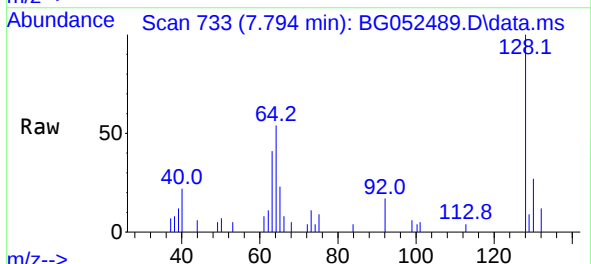
Tgt Ion: 93 Resp: 7270
Ion Ratio Lower Upper
93 100
63 91.5 68.6 103.0
95 30.7 26.1 39.1

Manual Integrations
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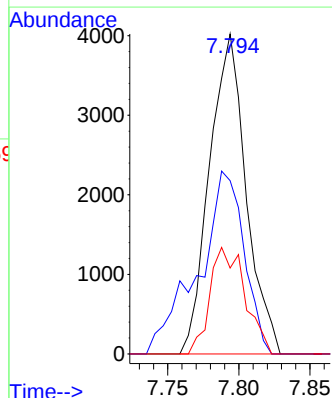
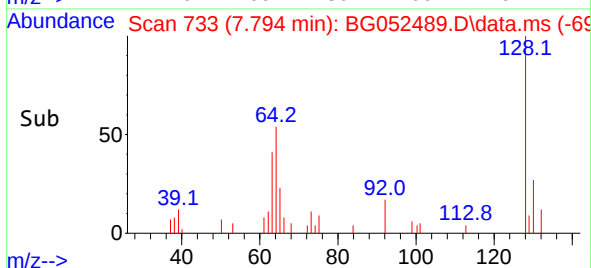
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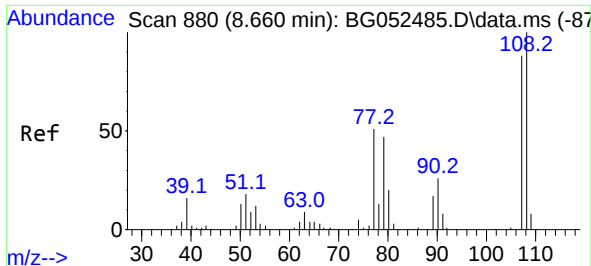


#12
2-Chlorophenol
Concen: 4.320 ng/ul
RT: 7.794 min Scan# 733
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



Tgt Ion:128 Resp: 7201
Ion Ratio Lower Upper
128 100
64 54.1 45.3 67.9
130 26.8 27.1 40.7#





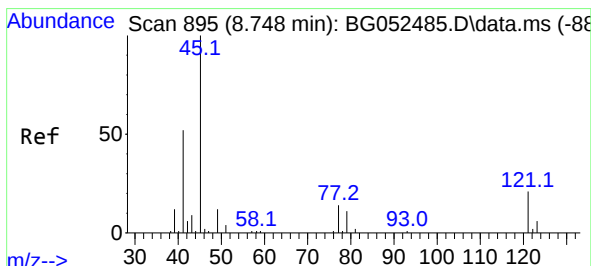
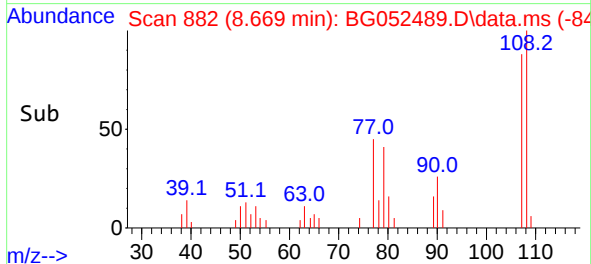
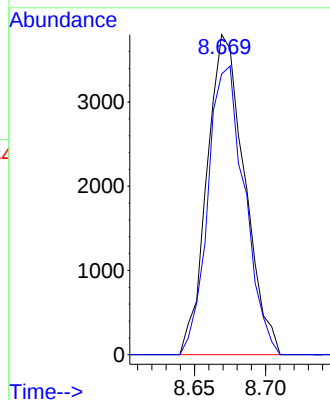
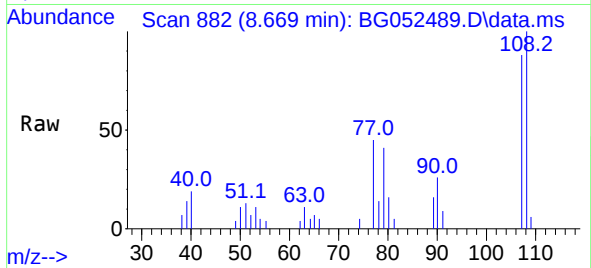
#13
2-Methylphenol
Concen: 4.014 ng/ul
RT: 8.669 min Scan# 880
Delta R.T. 0.005 min
Lab File: BG052489.D
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Tgt Ion:108 Resp: 700
Ion Ratio Lower Upper
108 100
107 87.7 71.8 107.6

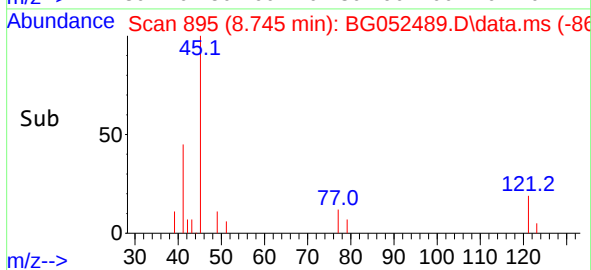
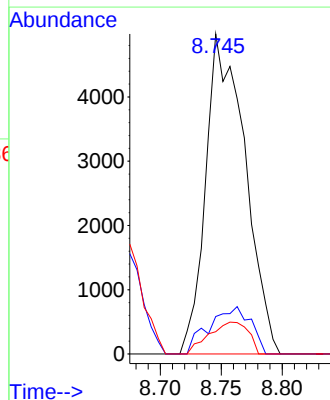
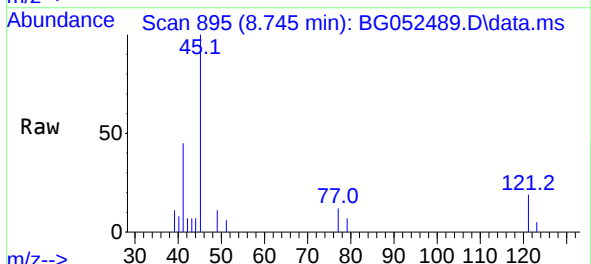
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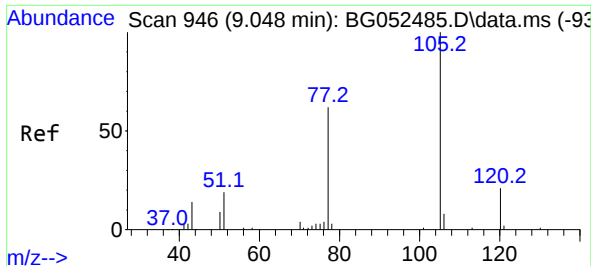
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.780 ng/ul
RT: 8.745 min Scan# 895
Delta R.T. -0.006 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

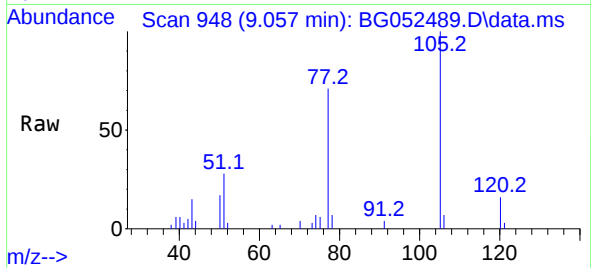
Tgt Ion: 45 Resp: 11150
Ion Ratio Lower Upper
45 100
77 11.7 10.7 16.1
79 7.0 8.5 12.7#





#16
Acetophenone
Concen: 4.551 ng/ul
RT: 9.057 min Scan# 946
Delta R.T. 0.011 min
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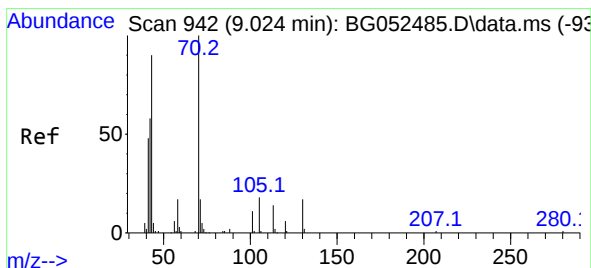
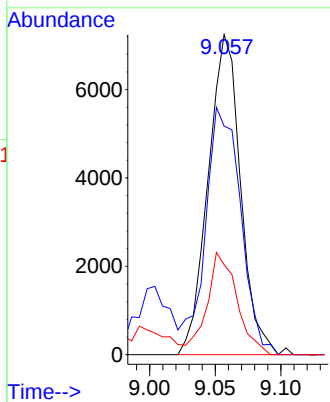
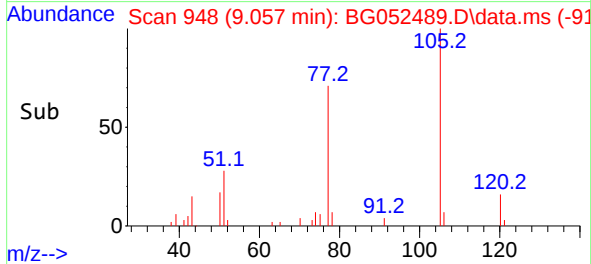
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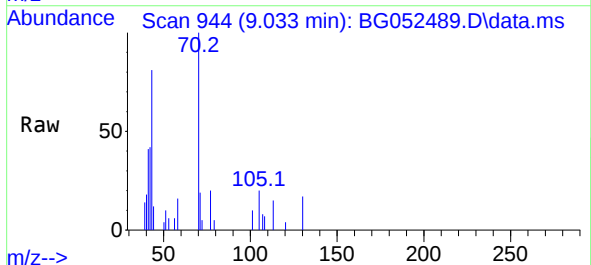
Tgt Ion:105 Resp: 1242
Ion Ratio Lower Upper
105 100
77 71.5 67.3 100.9
51 28.1 24.0 36.0

Manual Integrations
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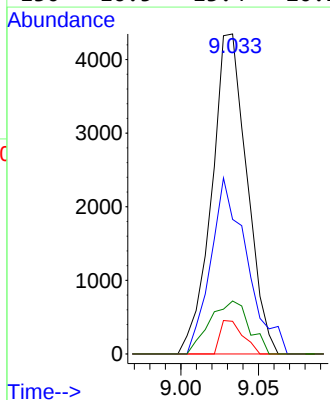
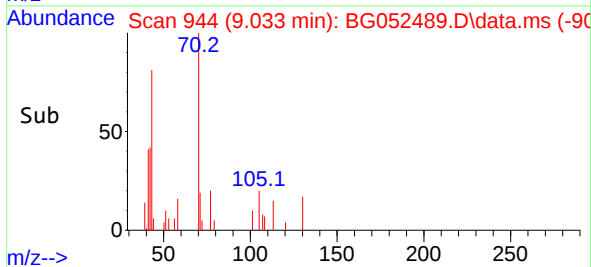
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

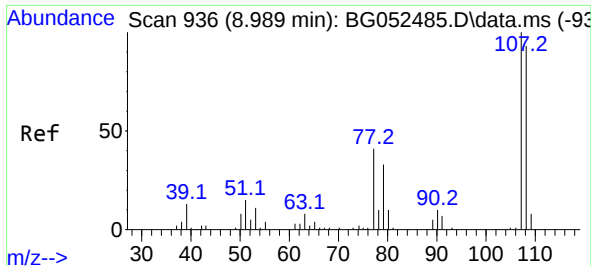


#17
N-Nitroso-di-n-propylamine
Concen: 4.266 ng/ul
RT: 9.033 min Scan# 944
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



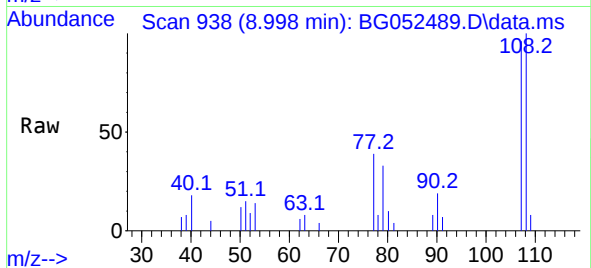
Tgt Ion: 70 Resp: 6858
Ion Ratio Lower Upper
70 100
42 42.1 46.0 69.0#
101 10.2 7.0 10.4
130 16.5 13.4 20.2





#18
4-Methylphenol
Concen: 4.104 ng/ul
RT: 8.998 min Scan# 911
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

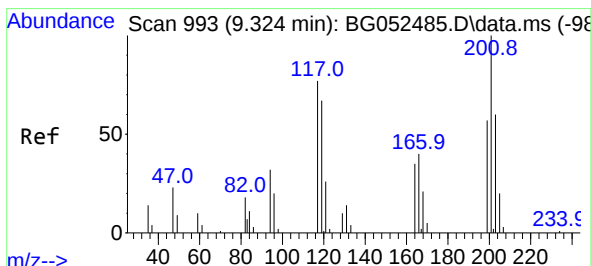
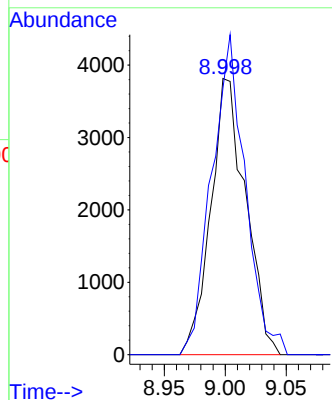
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2022-02



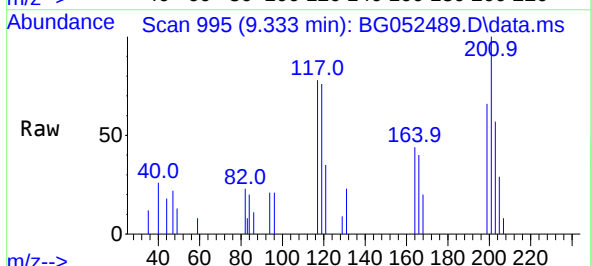
Tgt Ion:108 Resp: 7612
Ion Ratio Lower Upper
108 100
107 96.5 95.0 142.4

Manual Integrations
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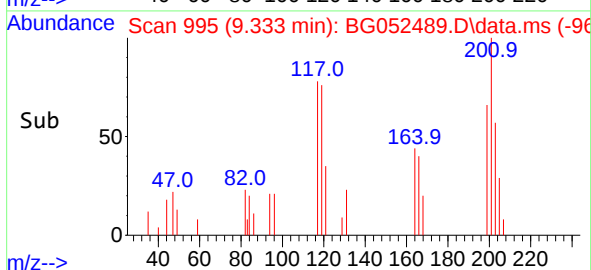
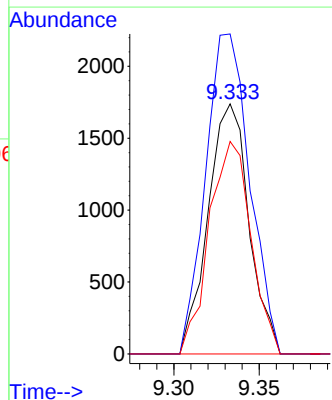
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

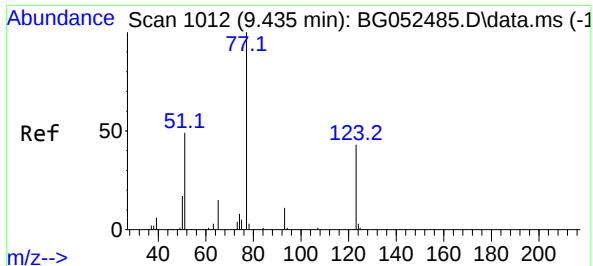


#19
Hexachloroethane
Concen: 4.451 ng/ul
RT: 9.333 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



Tgt Ion:117 Resp: 2901
Ion Ratio Lower Upper
117 100
201 127.9 77.2 115.8#
199 84.9 49.9 74.9#





#22

Nitrobenzene

Concen: 4.609 ng/u1

RT: 9.444 min Scan# 1103

Delta R.T. 0.005 min

Lab File: BG052489.D

Acq: 25 Feb 2022 15:14

Instrument :

BNA_G

ClientSampleId :

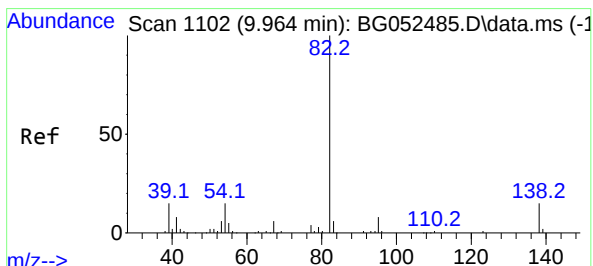
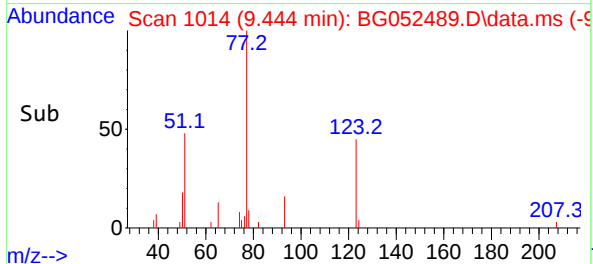
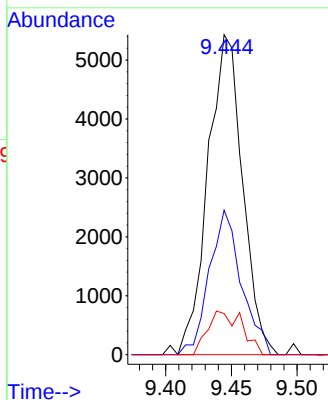
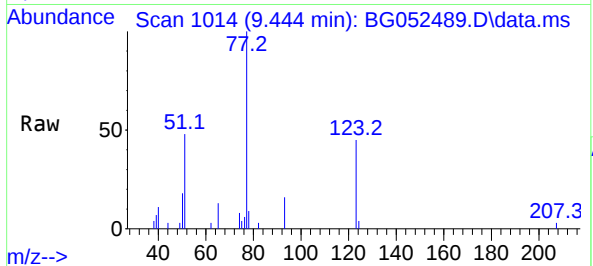
MDL-SOIL-QT1-2022-02

Tgt Ion: 77	Resp: 996
Ion Ratio	Lower Upper
77 100	
123 45.1	30.1 45.1
65 12.8	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#23

Isophorone

Concen: 4.538 ng/u1

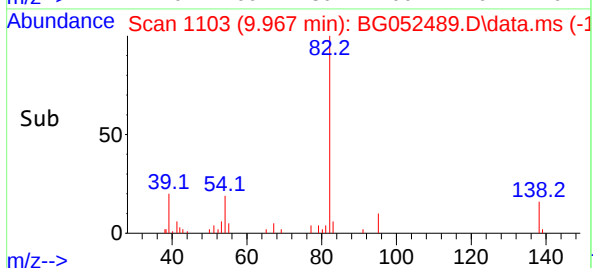
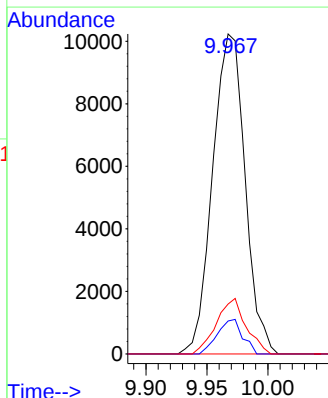
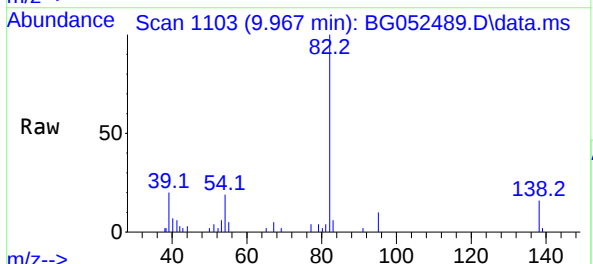
RT: 9.967 min Scan# 1103

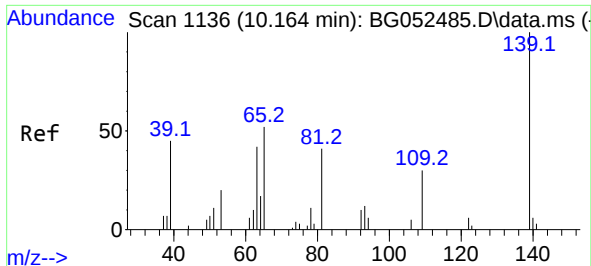
Delta R.T. 0.005 min

Lab File: BG052489.D

Acq: 25 Feb 2022 15:14

Tgt Ion: 82	Resp: 18924
Ion Ratio	Lower Upper
82 100	
95 10.3	5.6 8.4
138 15.6	11.8 17.8





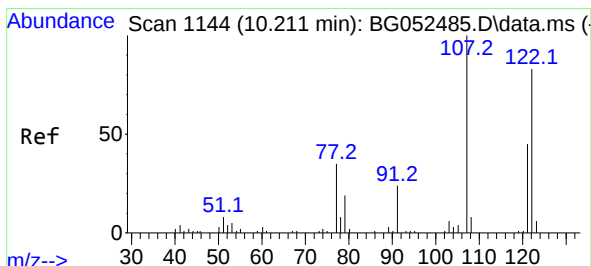
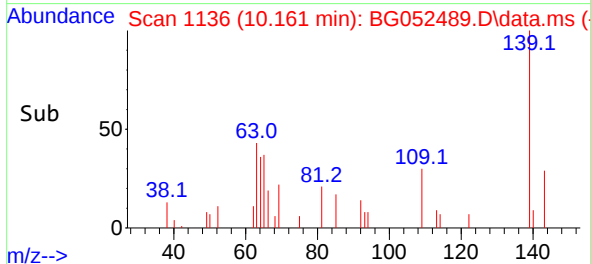
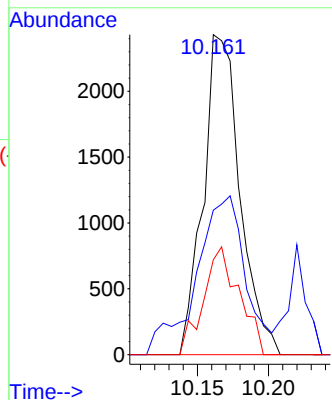
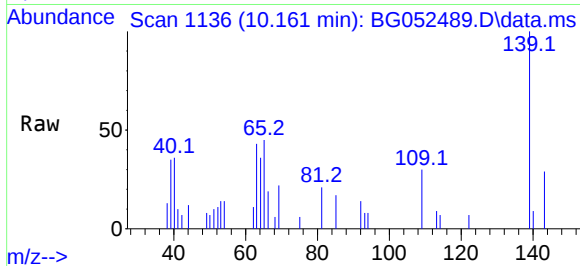
#25
2-Nitrophenol
Concen: 4.502 ng/ul
RT: 10.161 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion:139	Resp:	4369
Ion Ratio	Lower	Upper
139	100	
65	45.1	48.0 72.0
109	29.7	28.6 42.8

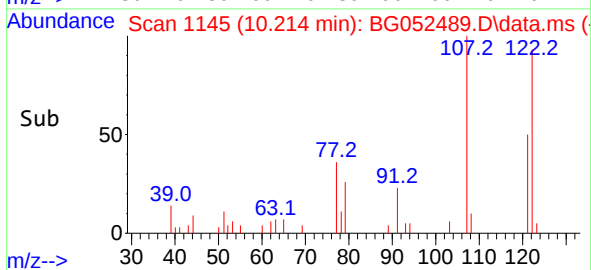
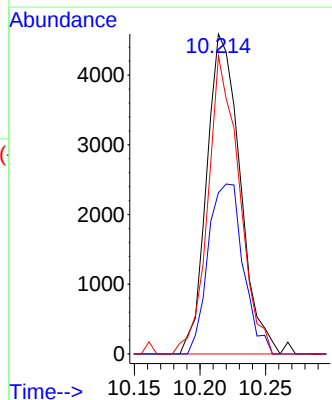
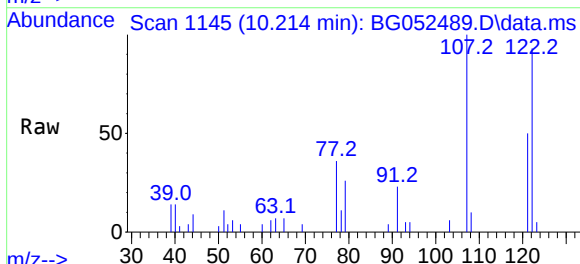
Manual Integrations
APPROVED

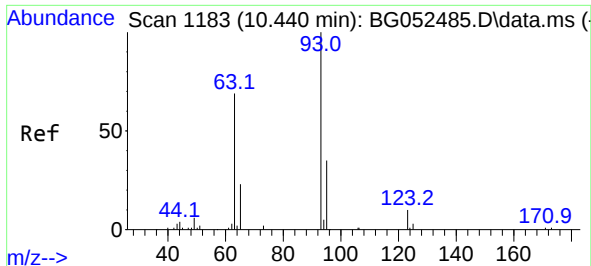
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#26
2,4-Dimethylphenol
Concen: 4.062 ng/ul
RT: 10.214 min Scan# 1145
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

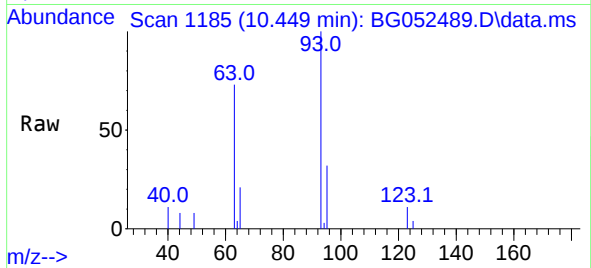
Tgt Ion:107	Resp:	8108
Ion Ratio	Lower	Upper
107	100	
121	50.4	39.3 58.9
122	93.2	63.7 95.5





#27
Bis(2-Chloroethoxy)methane
Concen: 4.687 ng/ul
RT: 10.449 min Scan# 1183
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

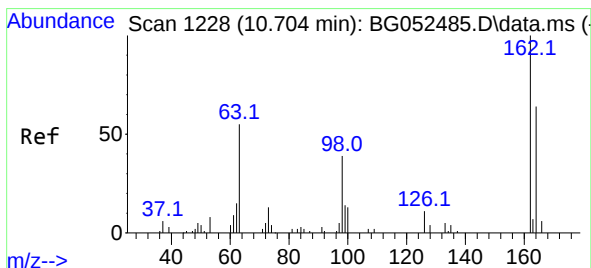
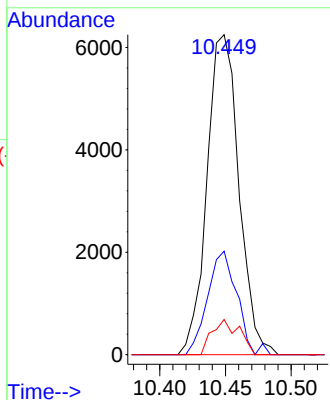
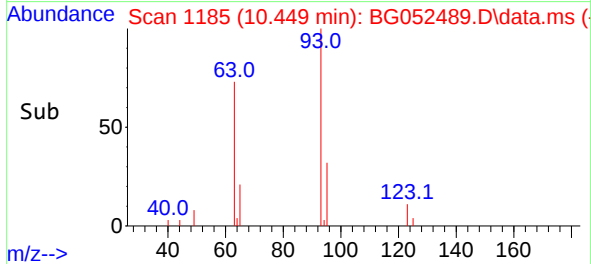
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



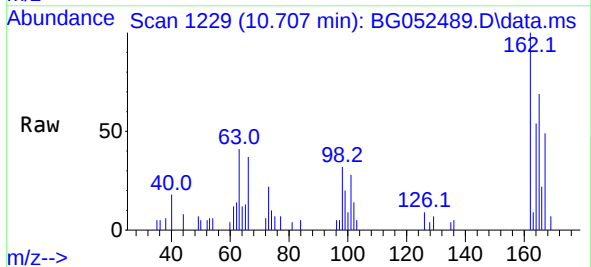
Tgt Ion: 93 Resp: 10578
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.0 8.1 12.1

Manual Integrations
APPROVED

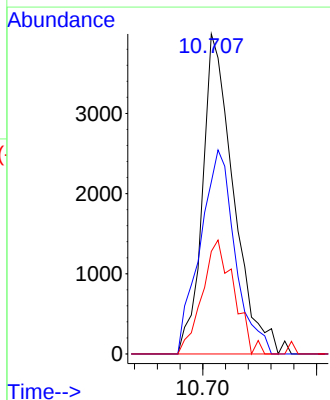
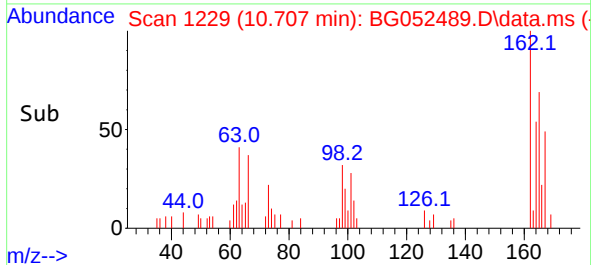
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

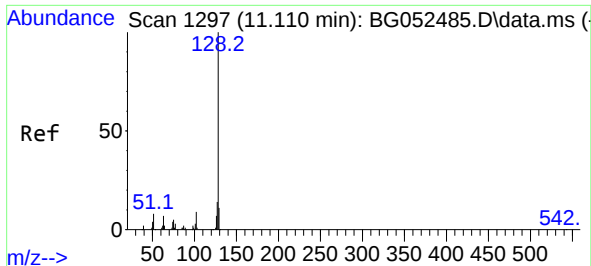


#29
2,4-Dichlorophenol
Concen: 4.624 ng/ul
RT: 10.707 min Scan# 1229
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



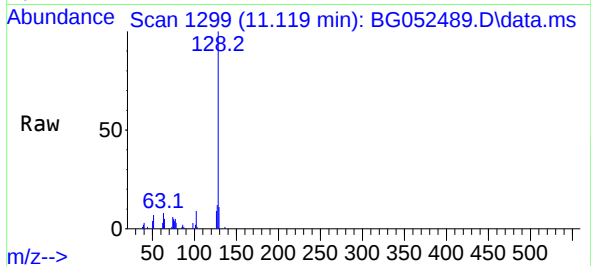
Tgt Ion:162 Resp: 7533
Ion Ratio Lower Upper
162 100
164 53.8 49.4 74.0
98 32.0 30.4 45.6





#30
Naphthalene
Concen: 4.676 ng/ul
RT: 11.119 min Scan# 1299
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

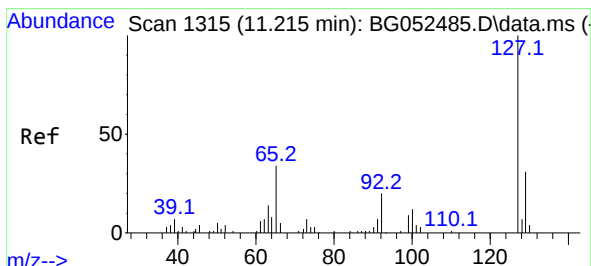
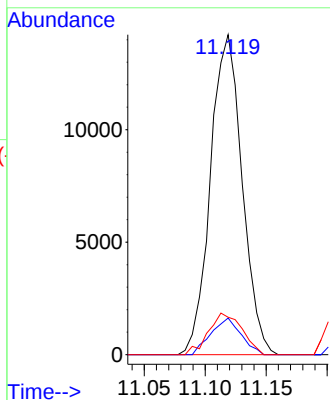
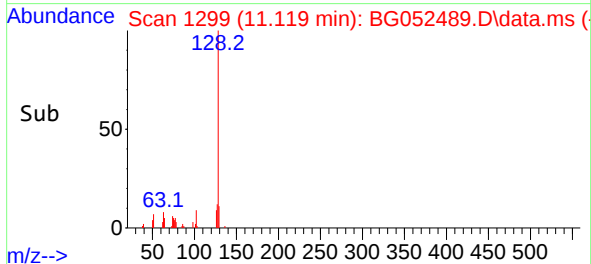
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion:128 Resp: 25729
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 11.7 11.8 17.6

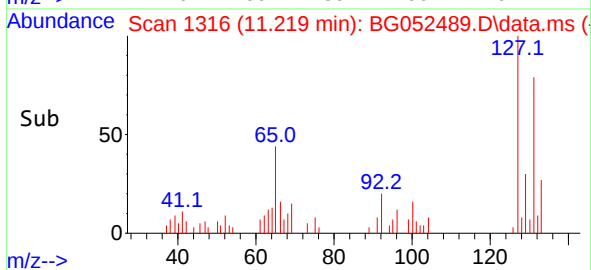
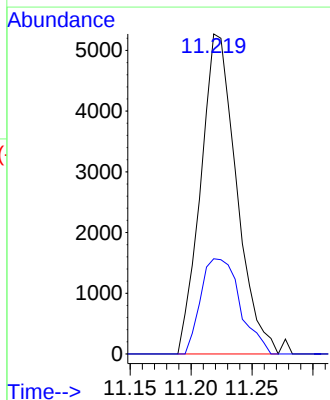
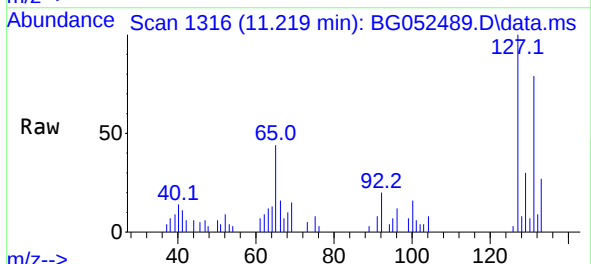
Manual Integrations
APPROVED

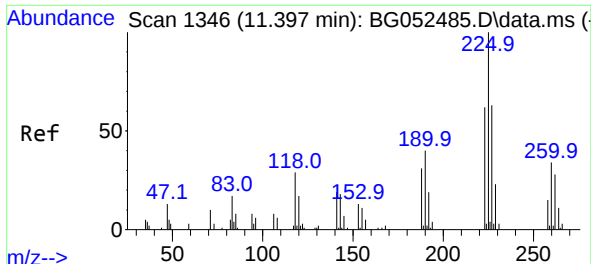
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#32
4-Chloroaniline
Concen: 4.385 ng/ul
RT: 11.219 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

Tgt Ion:127 Resp: 10735
Ion Ratio Lower Upper
127 100
129 29.7 26.2 39.2





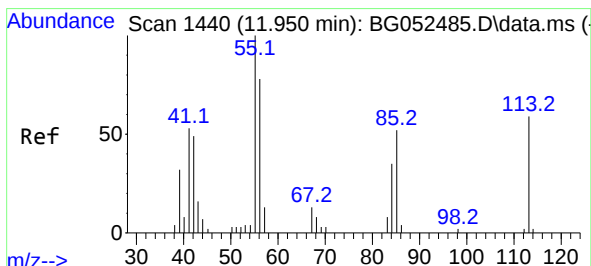
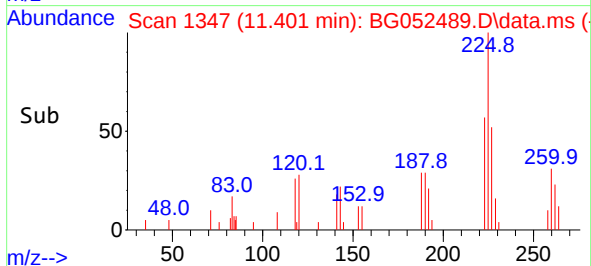
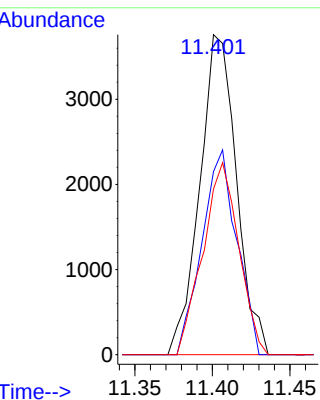
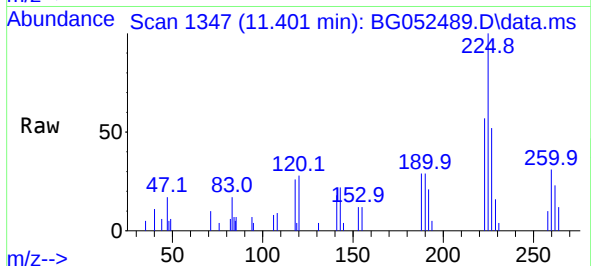
#33
Hexachlorobutadiene
Concen: 4.813 ng/ul
RT: 11.401 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion:225 Resp: 618
Ion Ratio Lower Upper
225 100
223 57.2 50.6 75.8
227 51.8 49.8 74.8

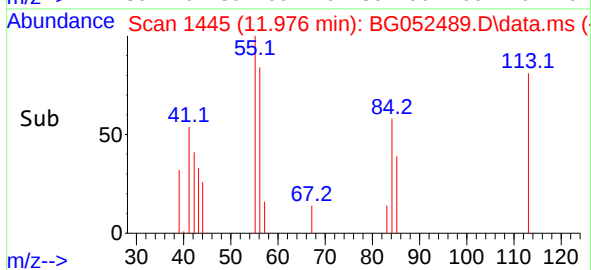
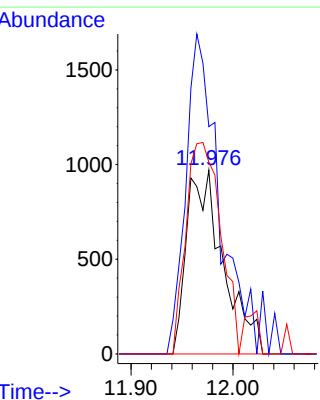
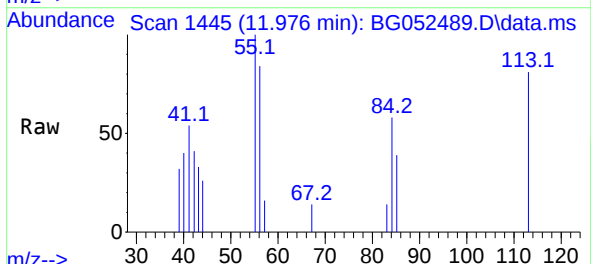
Manual Integrations
APPROVED

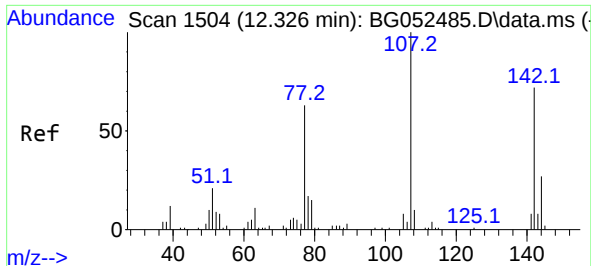
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#34
Caprolactam
Concen: 3.978 ng/ul m
RT: 11.976 min Scan# 1445
Delta R.T. 0.017 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

Tgt Ion:113 Resp: 2411
Ion Ratio Lower Upper
113 100
55 123.7 147.0 220.6#
56 104.3 109.2 163.8#





#35

4-Chloro-3-methylphenol

Concen: 4.047 ng/ul

RT: 12.335 min Scan# 11

Delta R.T. 0.005 min

Lab File: BG052489.D

Acq: 25 Feb 2022 15:14

Instrument :

BNA_G

ClientSampleId :

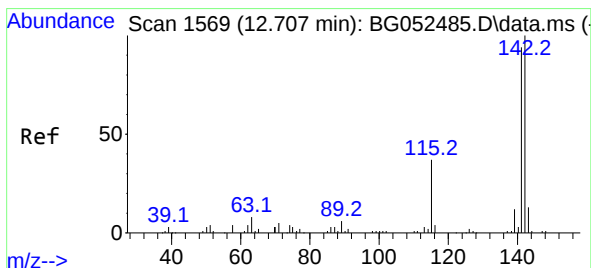
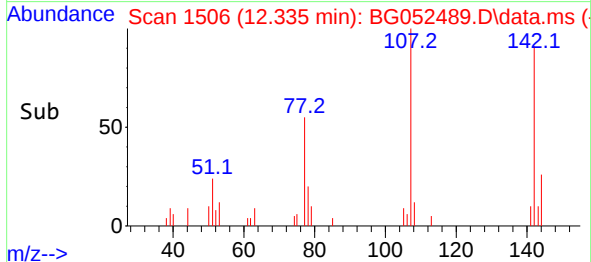
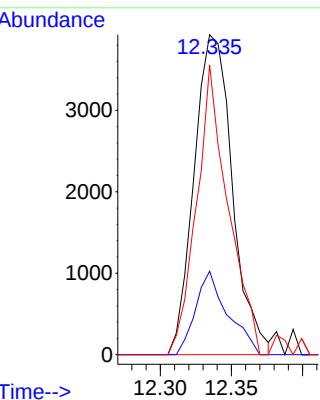
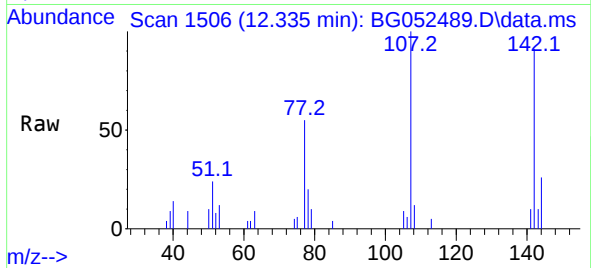
MDL-SOIL-QT1-2022-02

Tgt Ion:	107	Resp:	736
Ion Ratio	Lower	Upper	
107	100		
144	26.1	19.8	29.6
142	90.5	56.2	84.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#36

2-Methylnaphthalene

Concen: 4.632 ng/ul

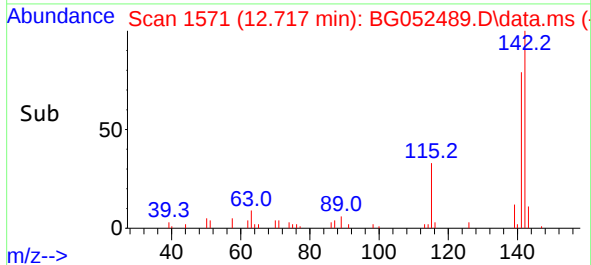
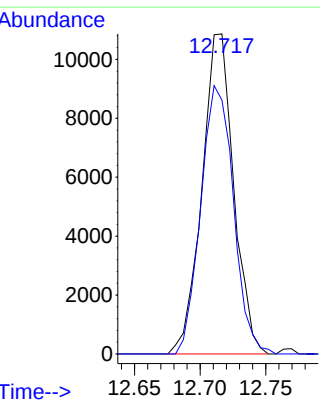
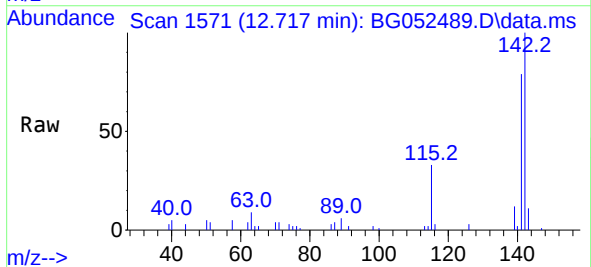
RT: 12.717 min Scan# 1571

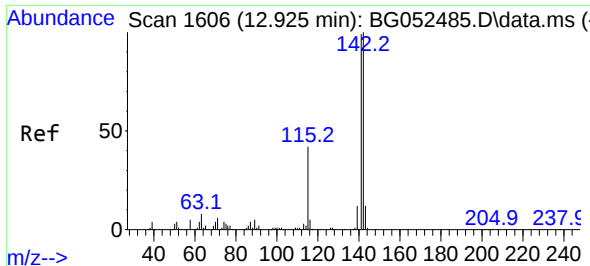
Delta R.T. 0.011 min

Lab File: BG052489.D

Acq: 25 Feb 2022 15:14

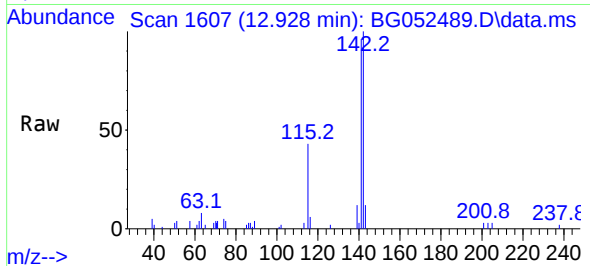
Tgt Ion:	142	Resp:	18261
Ion Ratio	Lower	Upper	
142	100		
141	79.3	73.3	109.9





#37
1-Methylnaphthalene
Concen: 4.747 ng/ul
RT: 12.928 min Scan# 1606
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

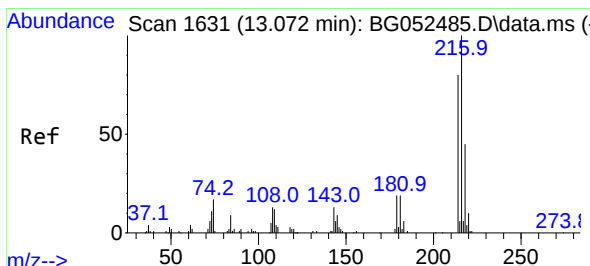
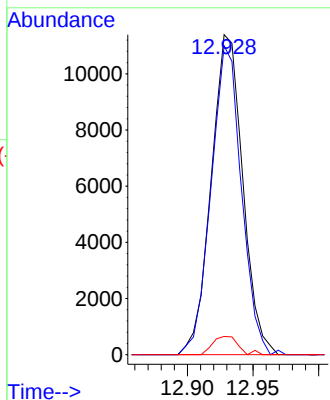
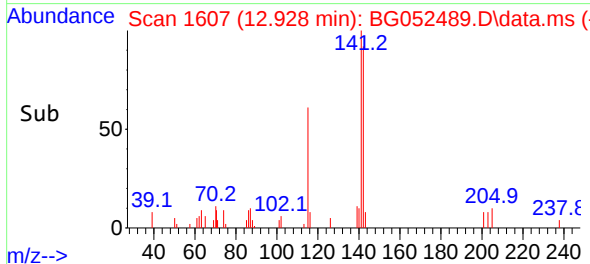
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



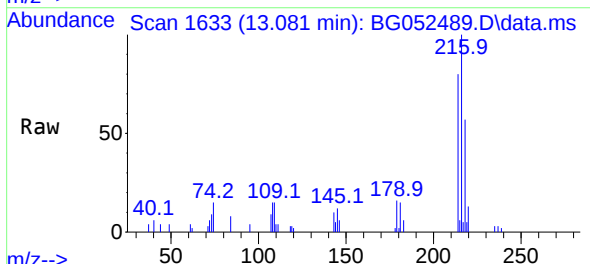
Tgt Ion:142 Resp: 19040
Ion Ratio Lower Upper
142 100
141 96.5 77.8 116.8
116 5.7 3.3 4.9

Manual Integrations
APPROVED

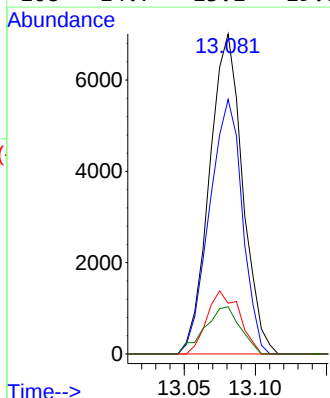
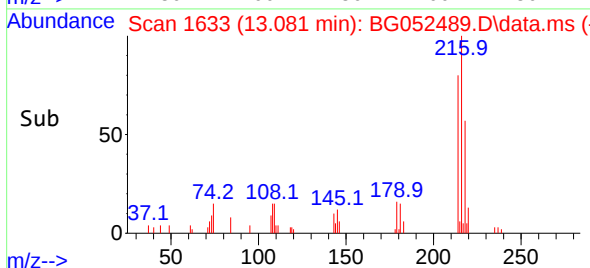
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

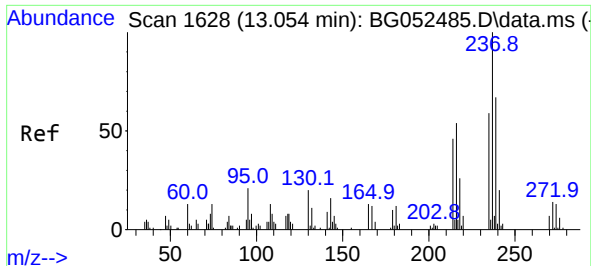


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.333 ng/ul
RT: 13.081 min Scan# 1633
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



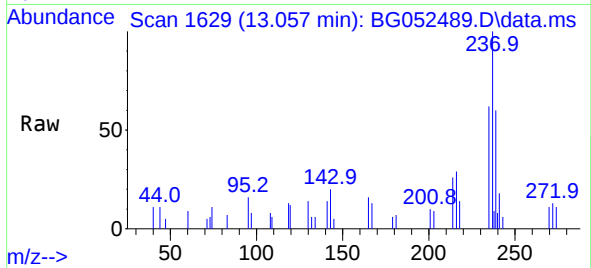
Tgt Ion:216 Resp: 11390
Ion Ratio Lower Upper
216 100
214 79.5 61.0 91.4
179 15.8 16.2 24.2#
108 14.7 13.1 19.7





#40
Hexachlorocyclopentadiene
Concen: 3.598 ng/ul
RT: 13.057 min Scan# 1628
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

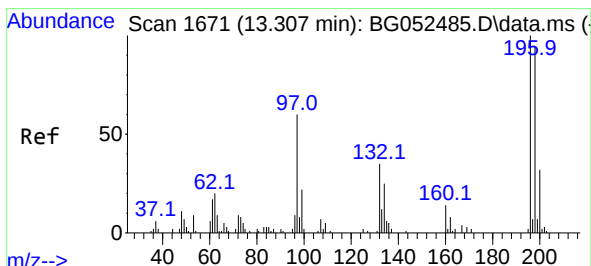
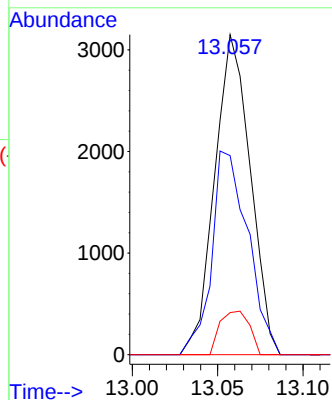
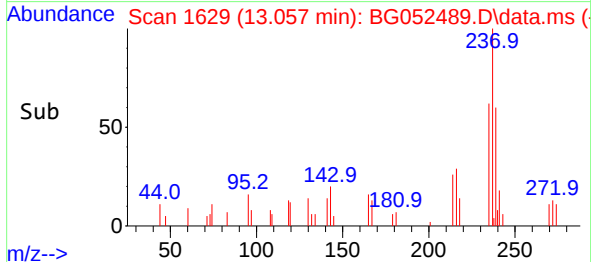
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



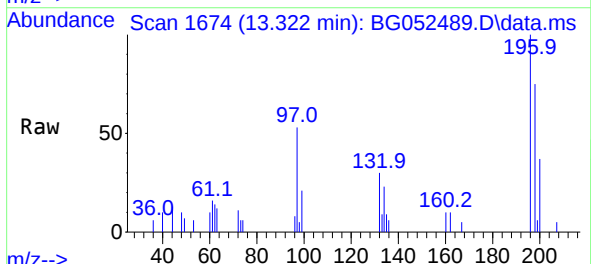
Tgt Ion:237 Resp: 4579
Ion Ratio Lower Upper
237 100
235 62.2 49.4 74.0
272 13.1 11.1 16.7

Manual Integrations
APPROVED

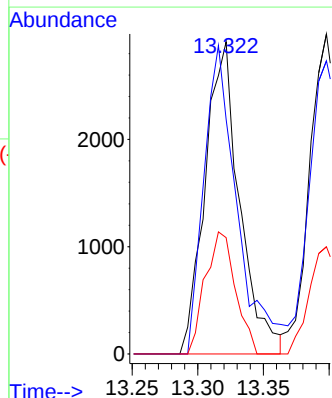
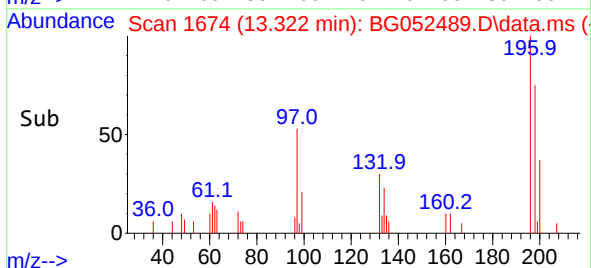
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

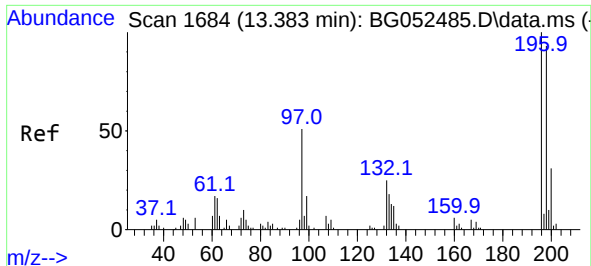


#41
2,4,6-Trichlorophenol
Concen: 3.376 ng/ul
RT: 13.322 min Scan# 1674
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



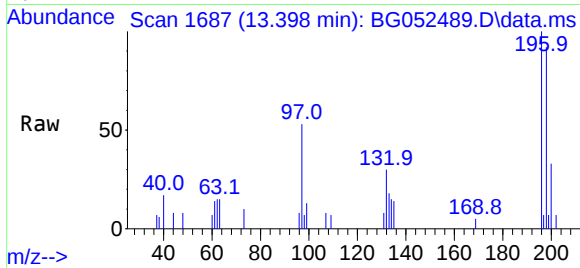
Tgt Ion:196 Resp: 5323
Ion Ratio Lower Upper
196 100
198 75.2 74.3 111.5
200 37.3 23.8 35.6#





#42
2,4,5-Trichlorophenol
Concen: 3.773 ng/ul m
RT: 13.398 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

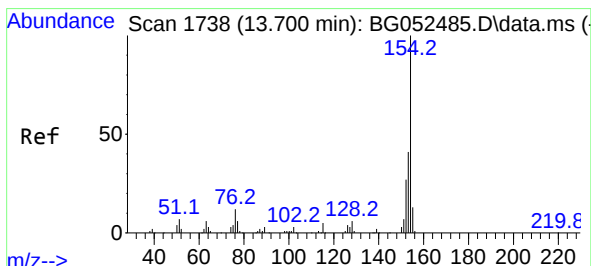
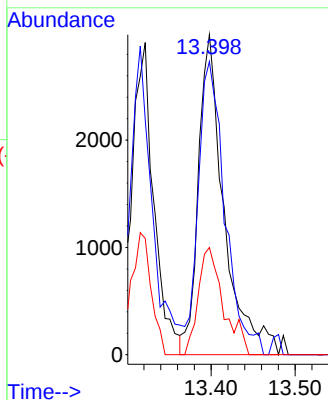
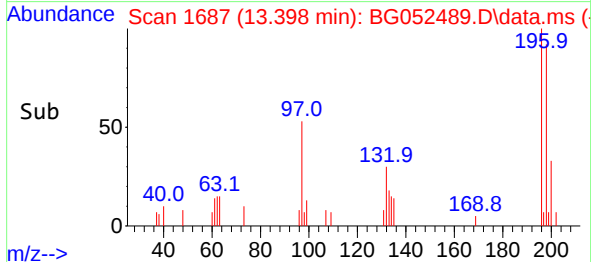
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



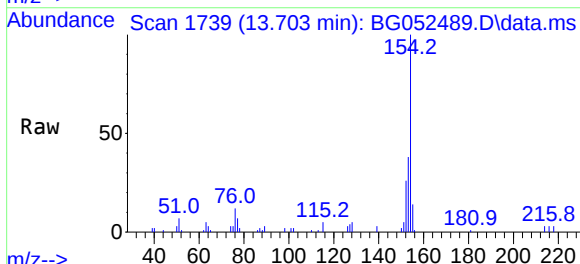
Tgt Ion:196 Resp: 6340
Ion Ratio Lower Upper
196 100
198 91.6 77.0 115.4
200 33.5 25.4 38.2

Manual Integrations
APPROVED

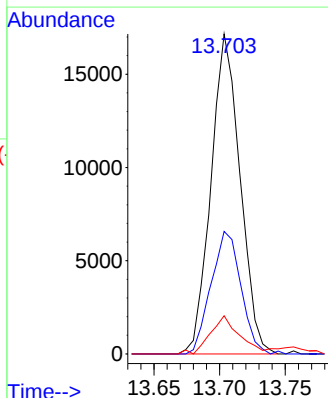
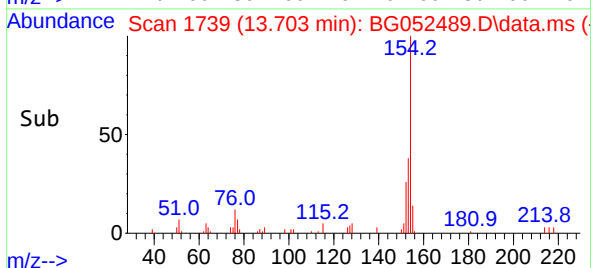
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

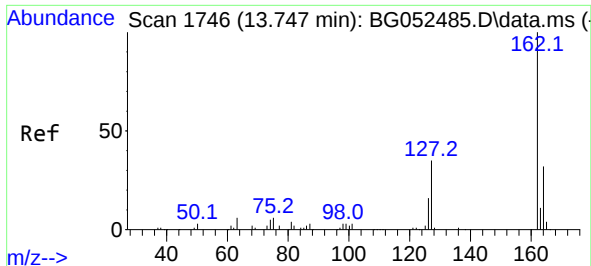


#43
1,1'-Biphenyl
Concen: 4.441 ng/ul
RT: 13.703 min Scan# 1739
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



Tgt Ion:154 Resp: 26452
Ion Ratio Lower Upper
154 100
153 38.3 34.5 51.7
76 11.9 13.1 19.7#





#44

2-Chloronaphthalene

Concen: 4.554 ng/ul

RT: 13.756 min Scan# 1746

Delta R.T. 0.011 min

Lab File: BG052489.D

Acq: 25 Feb 2022 15:14

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2022-02

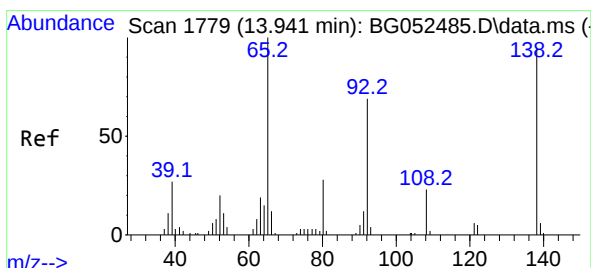
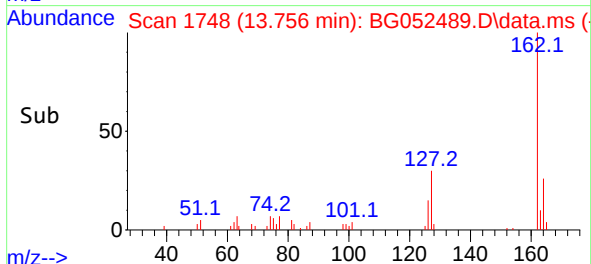
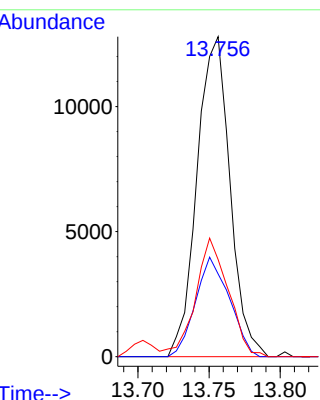
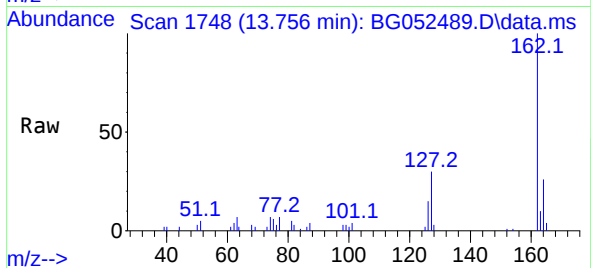
Tgt Ion:162 Resp: 20628

Ion	Ratio	Lower	Upper
162	100		
164	25.8	26.1	39.1
127	30.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#45

2-Nitroaniline

Concen: 3.750 ng/ul

RT: 13.944 min Scan# 1780

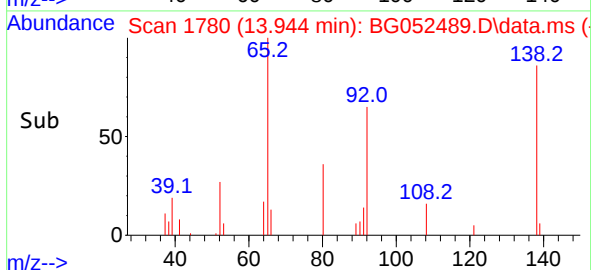
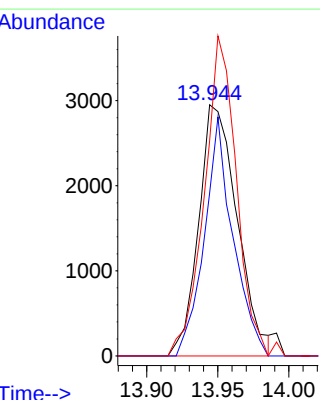
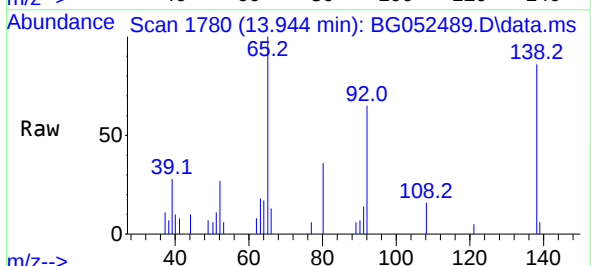
Delta R.T. -0.001 min

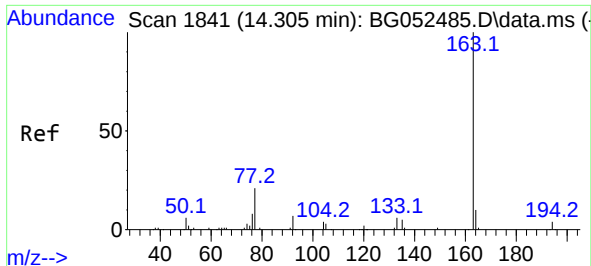
Lab File: BG052489.D

Acq: 25 Feb 2022 15:14

Tgt Ion: 65 Resp: 5547

Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.0	79.4
138	85.7	67.4	101.0





#47

Dimethylphthalate

Concen: 4.604 ng/ul

RT: 14.309 min Scan# 1841

Delta R.T. 0.005 min

Lab File: BG052489.D

Acq: 25 Feb 2022 15:14

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2022-02

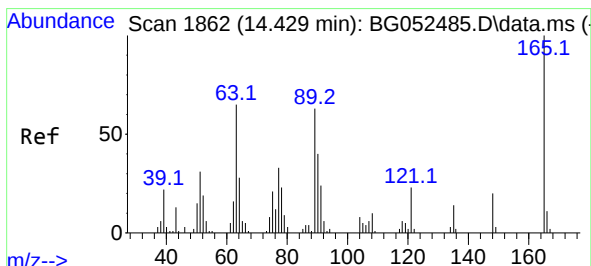
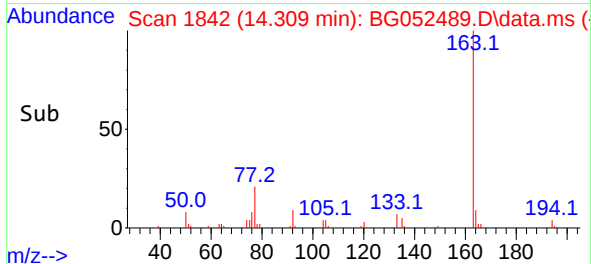
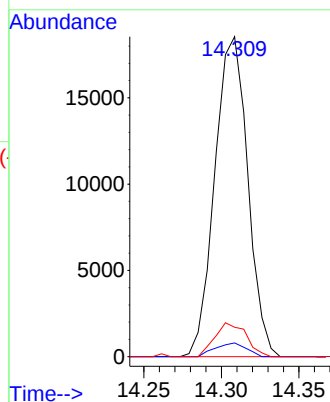
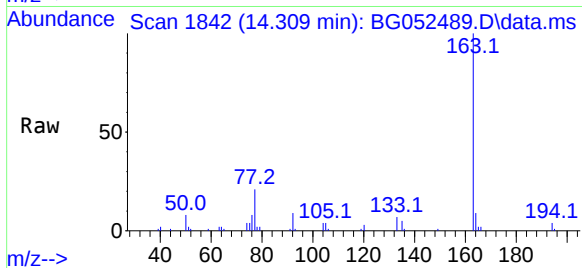
Tgt Ion:163 Resp: 27404

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	9.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#48

2,6-Dinitrotoluene

Concen: 4.193 ng/ul

RT: 14.432 min Scan# 1863

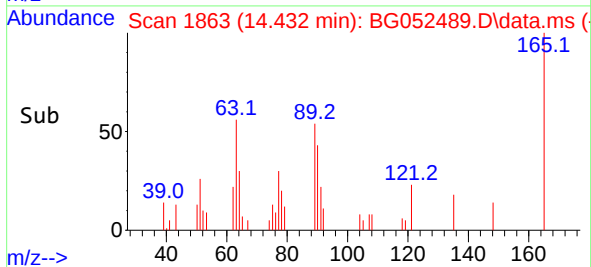
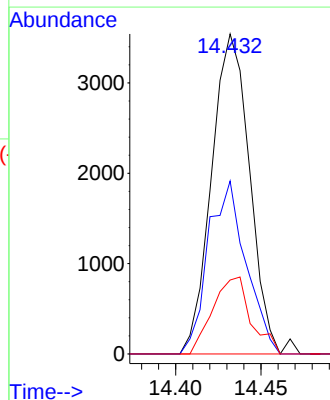
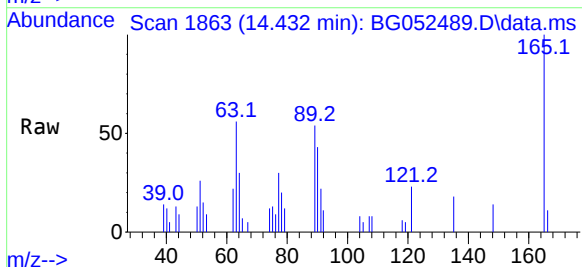
Delta R.T. -0.001 min

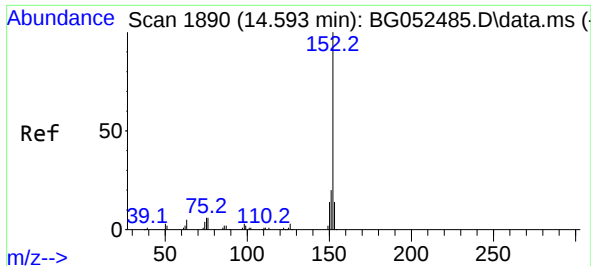
Lab File: BG052489.D

Acq: 25 Feb 2022 15:14

Tgt Ion:165 Resp: 5466

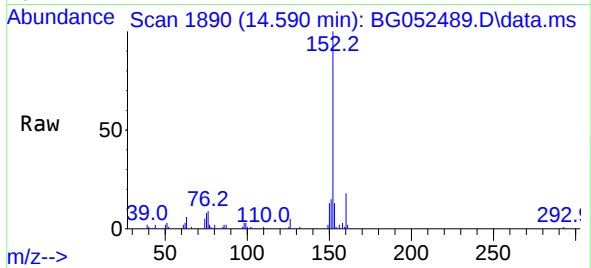
Ion	Ratio	Lower	Upper
165	100		
89	54.0	57.4	86.0#
121	23.1	18.8	28.2





#50
Acenaphthylene
Concen: 4.653 ng/ul
RT: 14.590 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

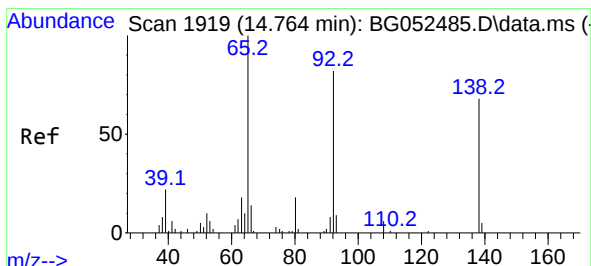
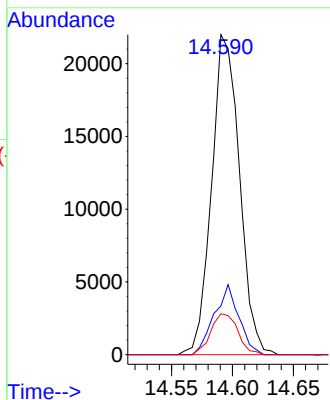
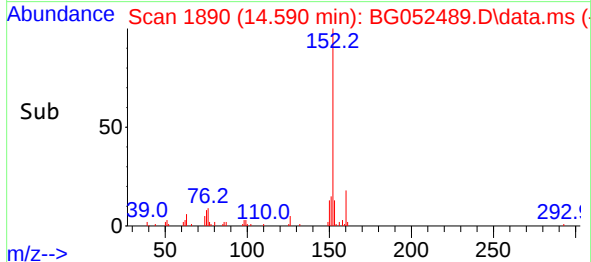
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



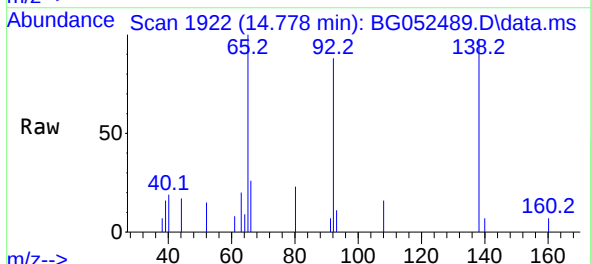
Tgt Ion:152 Resp: 3495
Ion Ratio Lower Upper
152 100
151 15.2 17.4 26.0#
153 12.8 10.3 15.5

Manual Integrations
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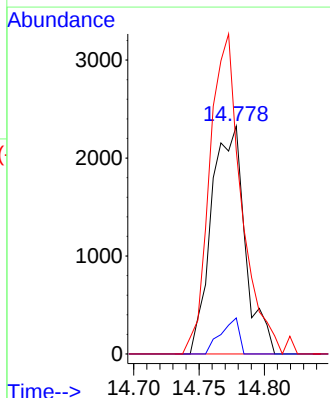
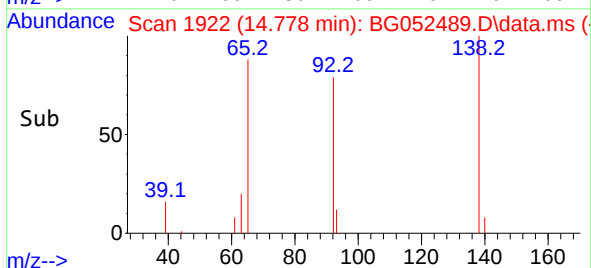
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

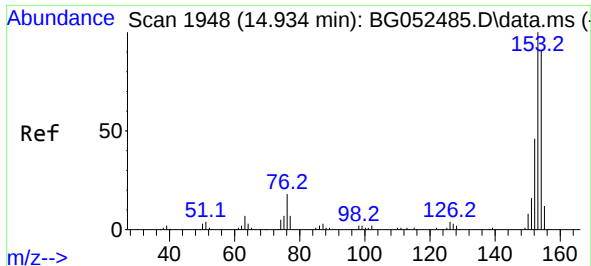


#51
3-Nitroaniline
Concen: 3.923 ng/ul m
RT: 14.778 min Scan# 1922
Delta R.T. 0.017 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



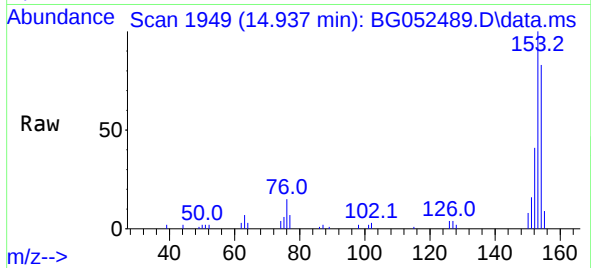
Tgt Ion:138 Resp: 4165
Ion Ratio Lower Upper
138 100
108 15.8 8.8 13.2#
92 89.2 98.0 147.0#





#52
Acenaphthene
Concen: 4.517 ng/ul
RT: 14.937 min Scan# 1948
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

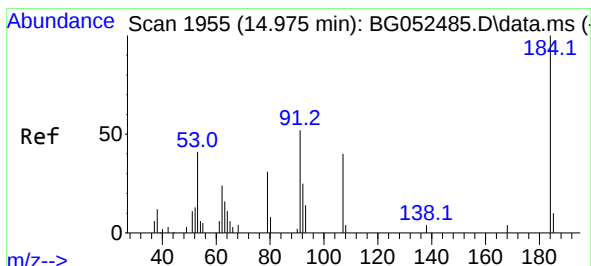
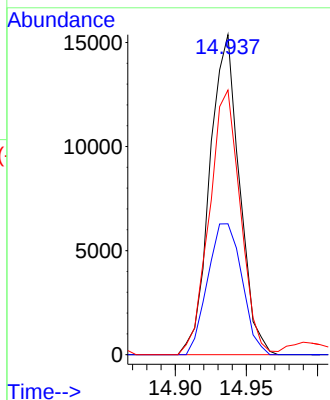
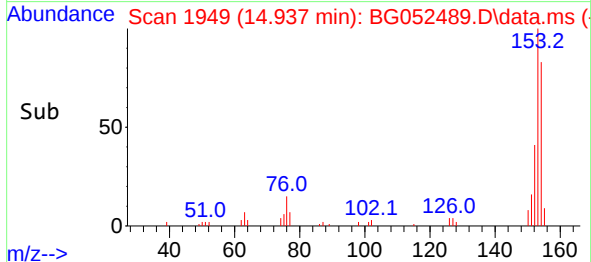
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



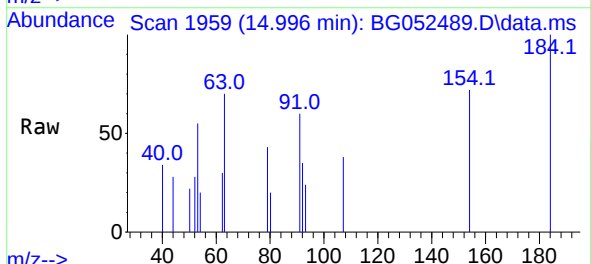
Tgt Ion:153 Resp: 22310
Ion Ratio Lower Upper
153 100
152 40.9 36.5 54.7
154 82.7 65.8 98.6

Manual Integrations
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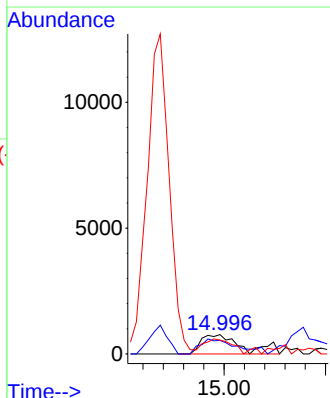
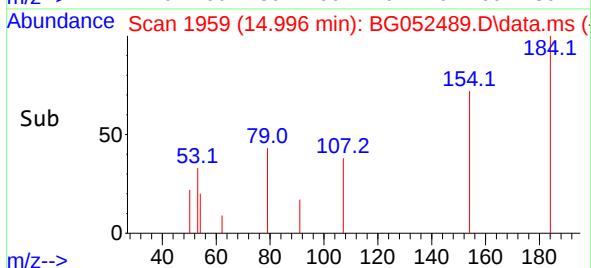
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

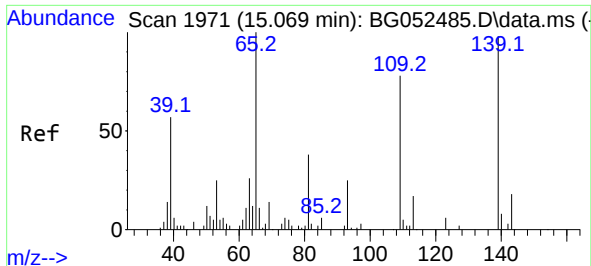


#53
2,4-Dinitrophenol
Concen: 3.340 ng/ul m
RT: 14.996 min Scan# 1959
Delta R.T. 0.023 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



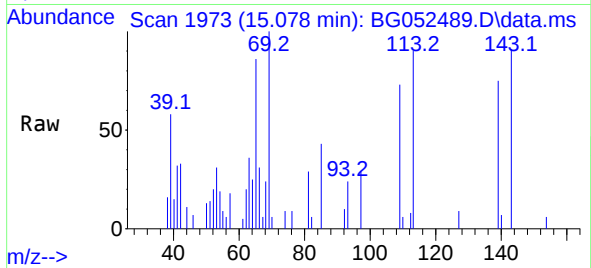
Tgt Ion:184 Resp: 2153
Ion Ratio Lower Upper
184 100
63 70.3 66.2 99.2
154 71.9 53.6 80.4





#55
4-Nitrophenol
Concen: 4.755 ng/ul
RT: 15.078 min Scan# 1971
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

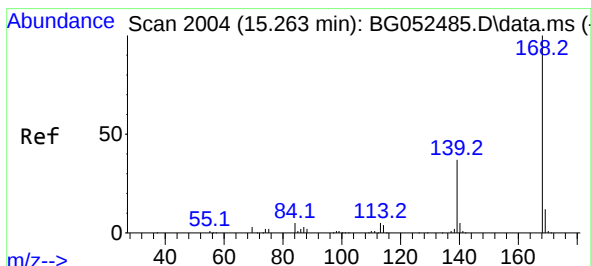
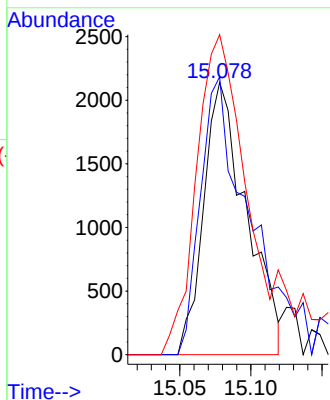
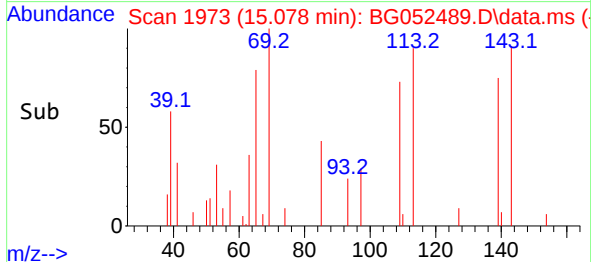
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion:109 Resp: 4464
Ion Ratio Lower Upper
109 100
139 102.1 88.7 133.1
65 117.6 113.6 170.4

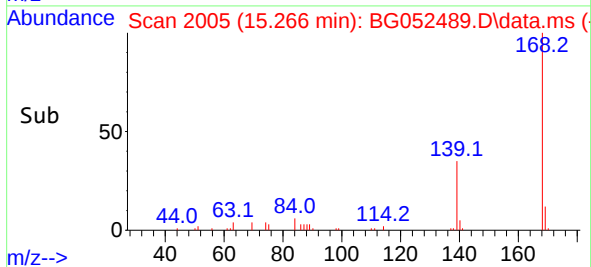
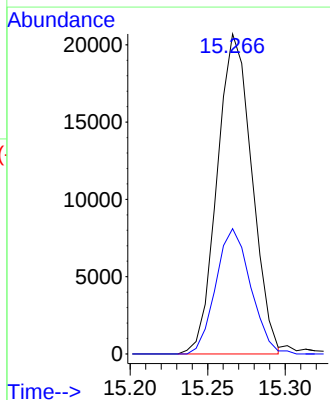
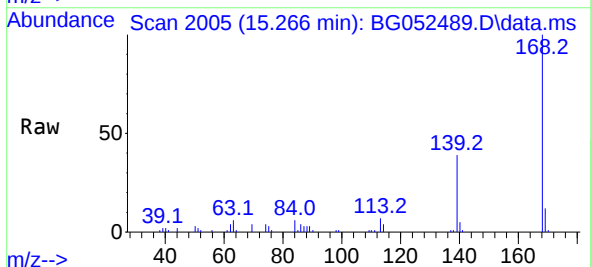
Manual Integrations
APPROVED

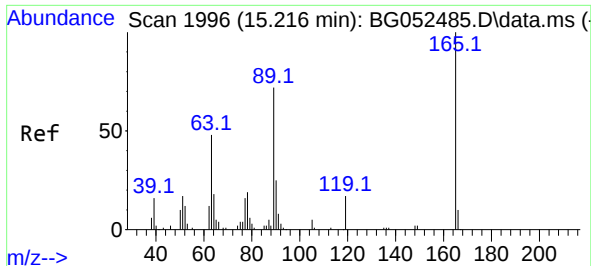
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#56
Dibenzofuran
Concen: 4.529 ng/ul
RT: 15.266 min Scan# 2005
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

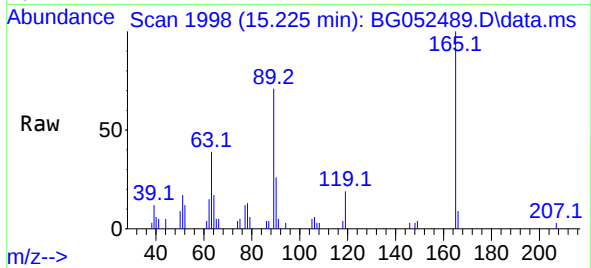
Tgt Ion:168 Resp: 32163
Ion Ratio Lower Upper
168 100
139 39.2 31.2 46.8





#57
2,4-Dinitrotoluene
Concen: 4.553 ng/ul
RT: 15.225 min Scan# 1998
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

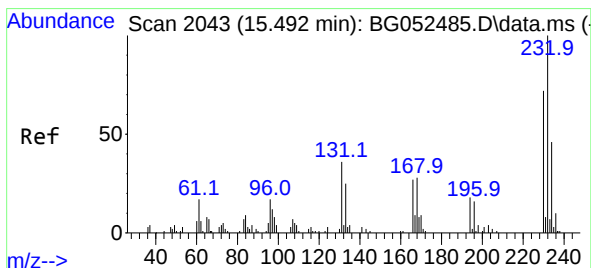
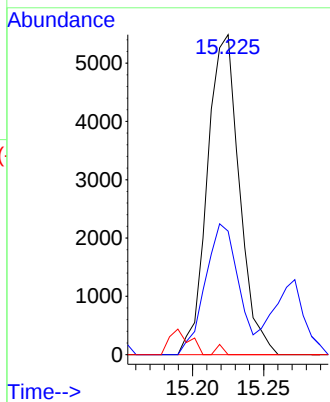
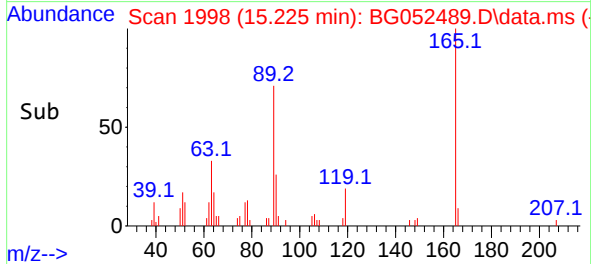
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



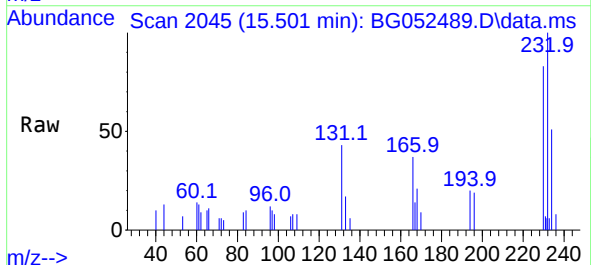
Tgt Ion:165 Resp: 859
Ion Ratio Lower Upper
165 100
63 38.6 42.1 63.1
182 0.0 1.8 2.8

Manual Integrations
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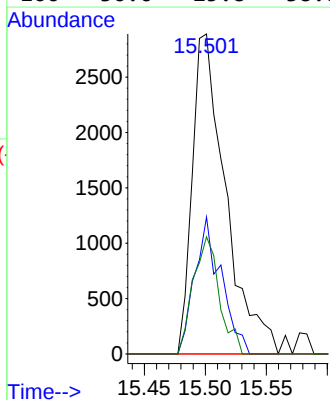
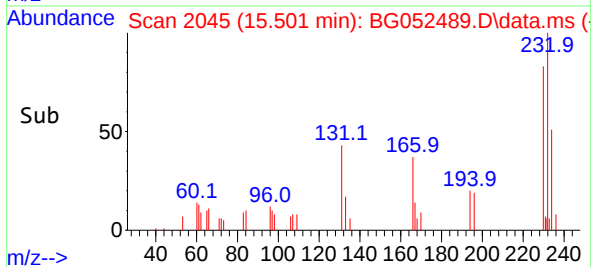
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

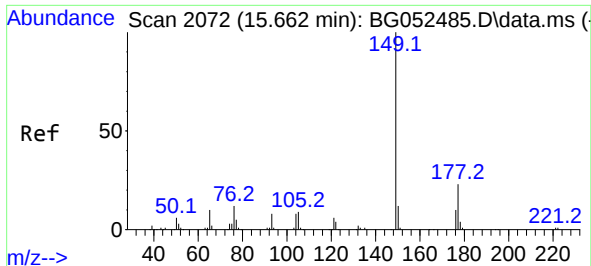


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.615 ng/ul
RT: 15.501 min Scan# 2045
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



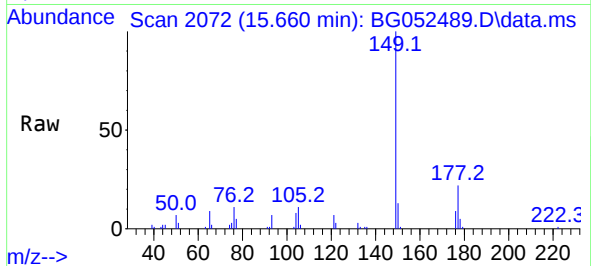
Tgt Ion:232 Resp: 5505
Ion Ratio Lower Upper
232 100
131 42.8 38.9 58.3
130 0.0 2.4 3.6#
166 36.6 25.8 38.8





#59
Diethylphthalate
Concen: 4.602 ng/ul
RT: 15.660 min Scan# 2072
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

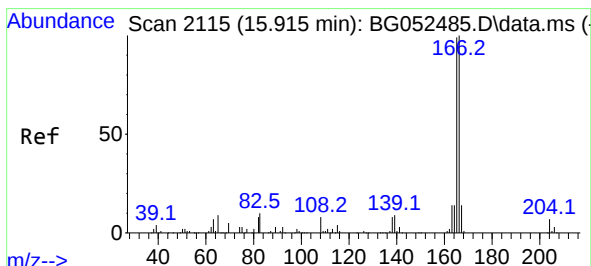
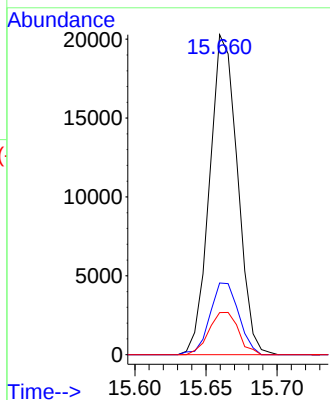
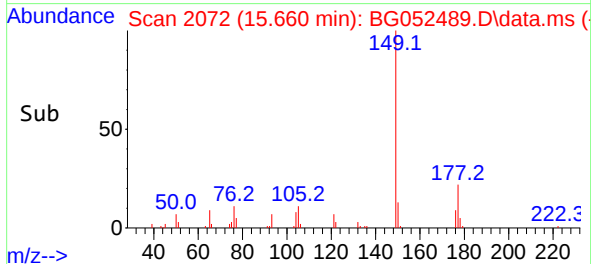
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2022-02



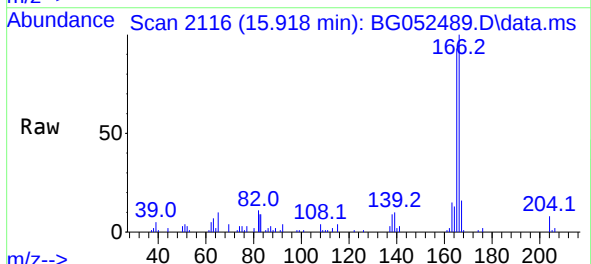
Tgt Ion:149 Resp: 27690
Ion Ratio Lower Upper
149 100
177 22.4 16.8 25.2
150 13.1 10.1 15.1

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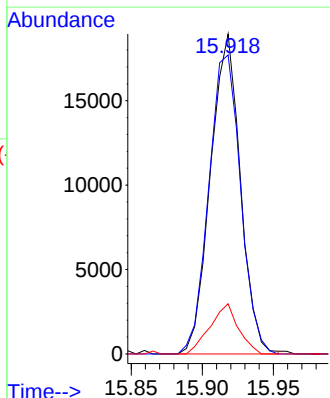
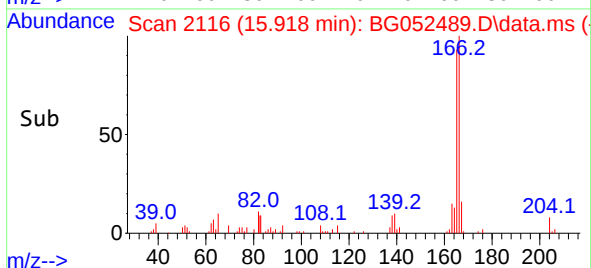
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

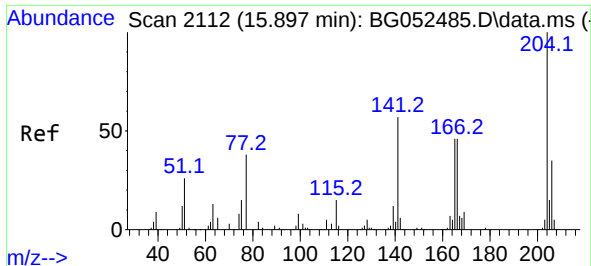


#61
Fluorene
Concen: 4.629 ng/ul
RT: 15.918 min Scan# 2116
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



Tgt Ion:166 Resp: 27653
Ion Ratio Lower Upper
166 100
165 93.5 81.0 121.6
167 15.7 11.0 16.4





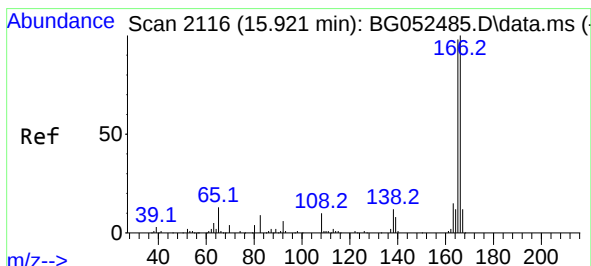
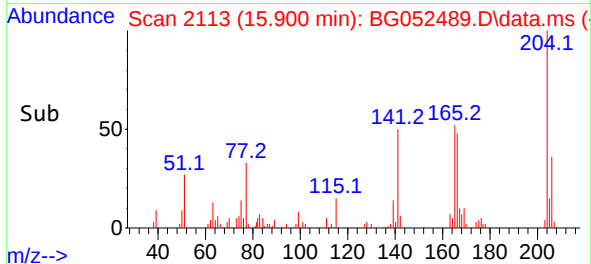
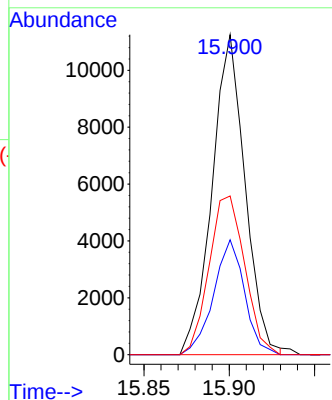
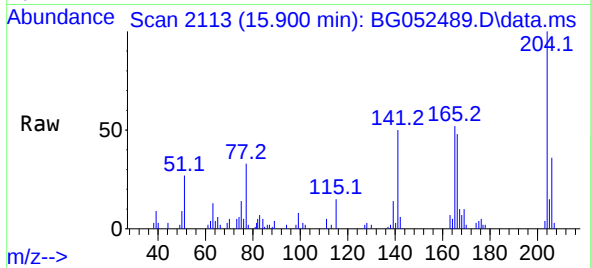
#62
4-Chlorophenyl-phenylether
Concen: 4.639 ng/ul
RT: 15.900 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion:204 Resp: 1508
Ion Ratio Lower Upper
204 100
206 35.9 27.4 41.2
141 49.6 48.6 73.0

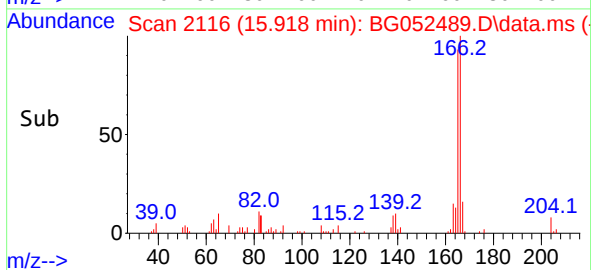
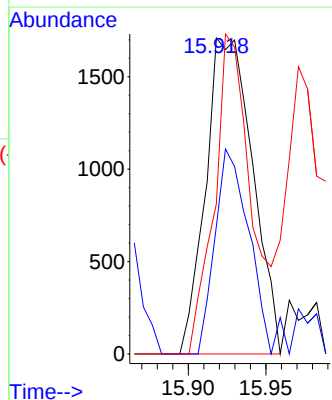
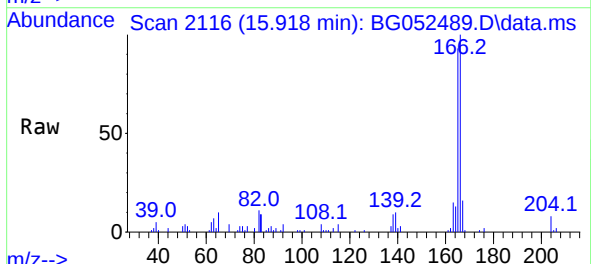
Manual Integrations
APPROVED

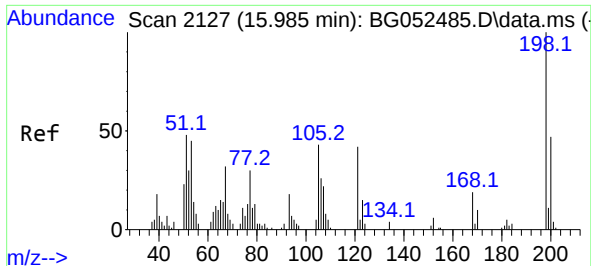
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#63
4-Nitroaniline
Concen: 3.523 ng/ul
RT: 15.918 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

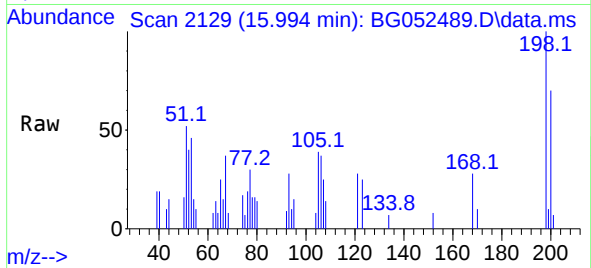
Tgt Ion:138 Resp: 3591
Ion Ratio Lower Upper
138 100
92 40.4 49.3 73.9#
108 47.5 72.6 108.8#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.629 ng/ul m
RT: 15.994 min Scan# 2129
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

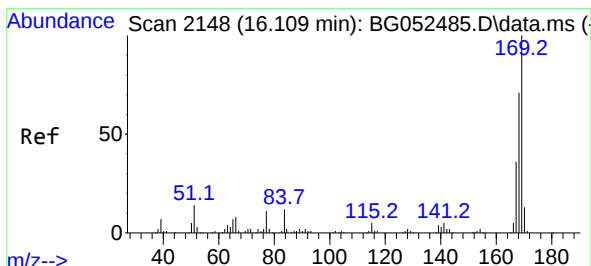
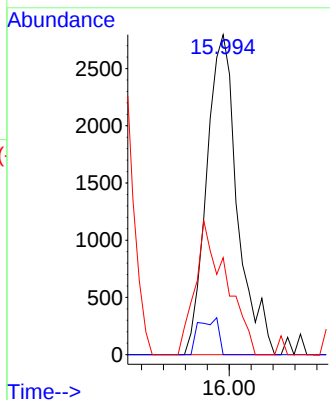
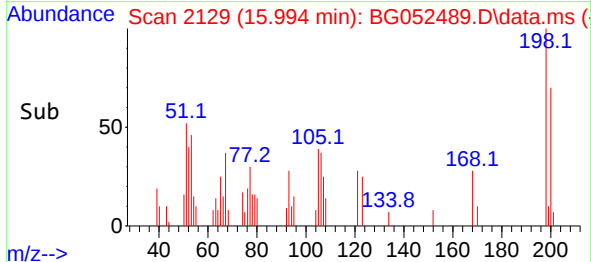
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



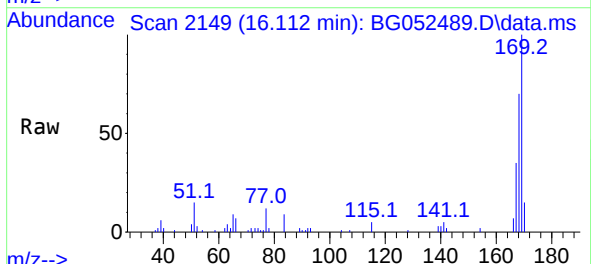
Tgt Ion:198 Resp: 5460
Ion Ratio Lower Upper
198 100
182 0.0 3.8 5.8
77 30.3 23.2 34.8

Manual Integrations
APPROVED

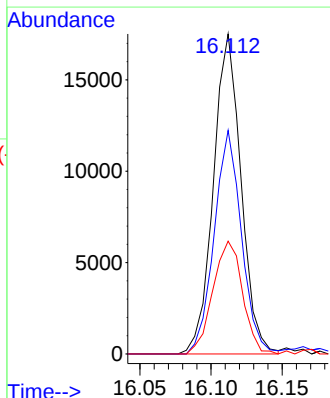
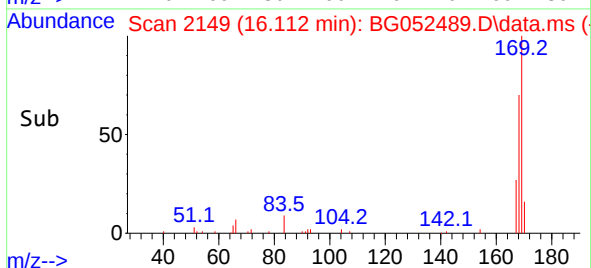
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

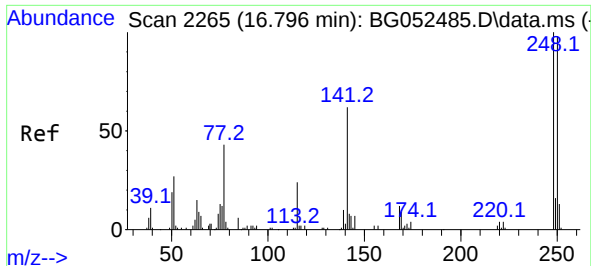


#67
N-Nitrosodiphenylamine
Concen: 4.379 ng/ul
RT: 16.112 min Scan# 2149
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



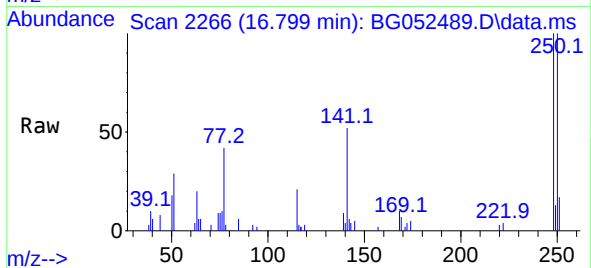
Tgt Ion:169 Resp: 23685
Ion Ratio Lower Upper
169 100
168 69.8 58.5 87.7
167 35.3 31.3 46.9





#68
4-Bromophenyl-phenylether
Concen: 4.458 ng/ul
RT: 16.799 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

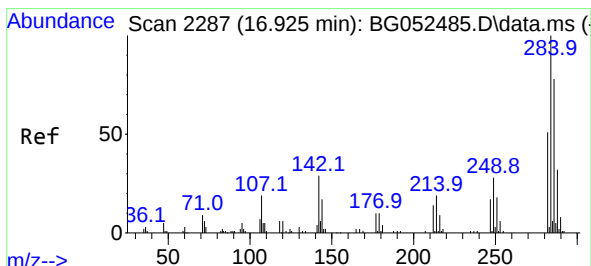
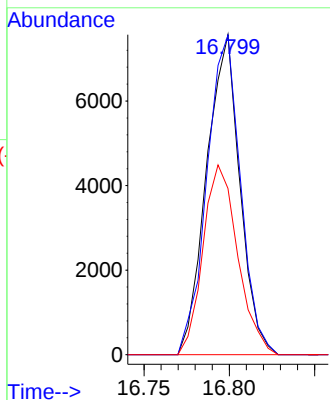
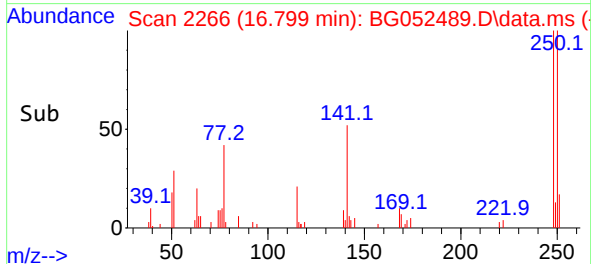
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



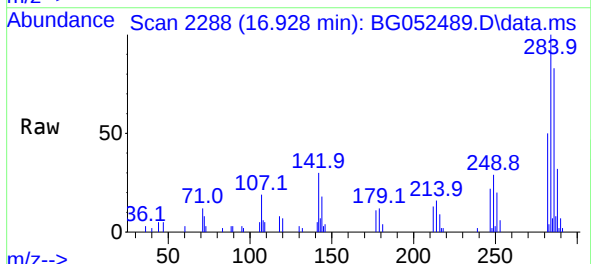
Tgt Ion:248 Resp: 1027
Ion Ratio Lower Upper
248 100
250 99.8 75.5 113.3
141 52.0 67.6 101.4

Manual Integrations
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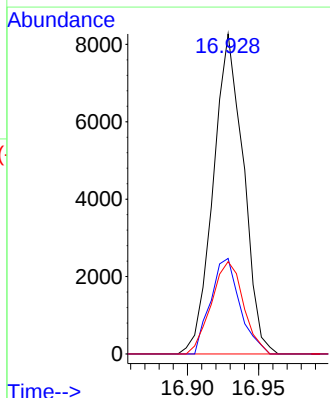
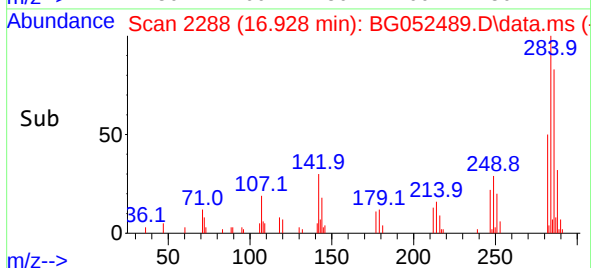
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

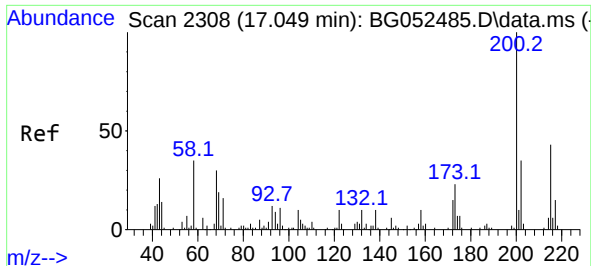


#69
Hexachlorobenzene
Concen: 4.613 ng/ul
RT: 16.928 min Scan# 2288
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



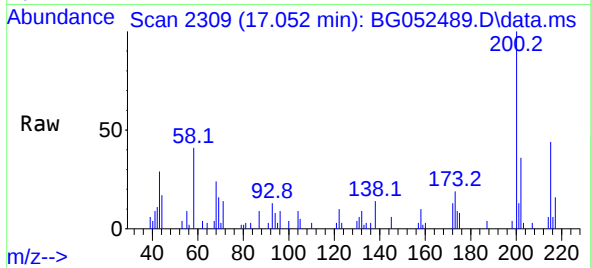
Tgt Ion:284 Resp: 12195
Ion Ratio Lower Upper
284 100
142 29.8 31.9 47.9#
249 28.9 25.8 38.6





#70
Atrazine
Concen: 4.200 ng/ul
RT: 17.052 min Scan# 210
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

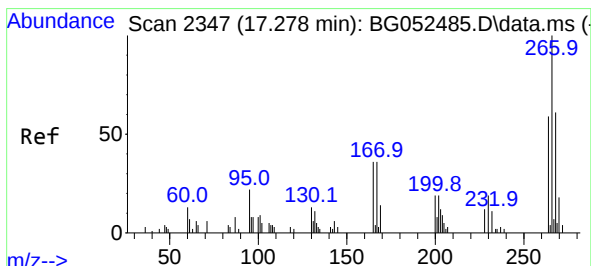
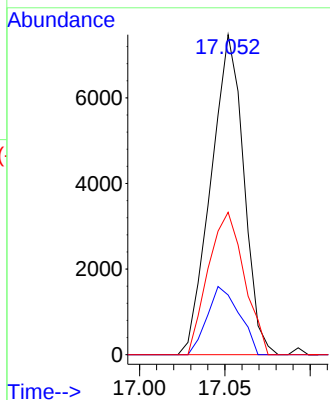
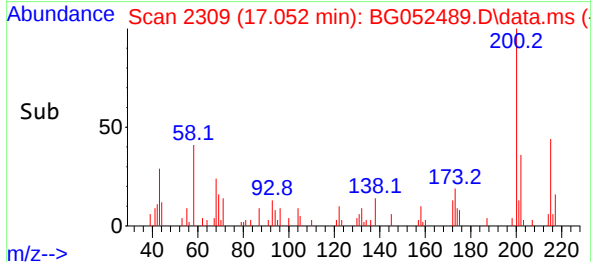
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



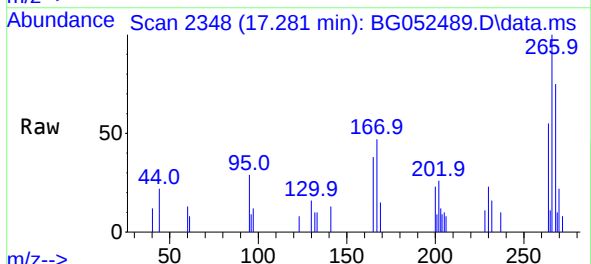
Tgt Ion:200 Resp: 10010
Ion Ratio Lower Upper
200 100
173 18.6 20.2 30.2
215 44.5 38.1 57.1

Manual Integrations
APPROVED

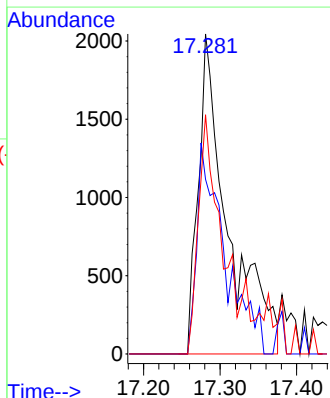
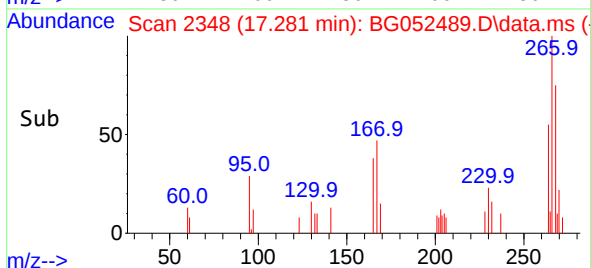
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

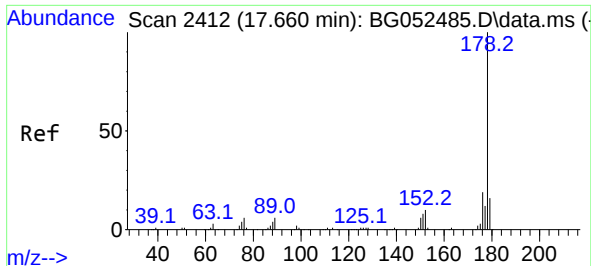


#71
Pentachlorophenol
Concen: 4.630 ng/ul m
RT: 17.281 min Scan# 2348
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



Tgt Ion:266 Resp: 5513
Ion Ratio Lower Upper
266 100
264 54.6 54.3 81.5
268 74.8 51.0 76.6





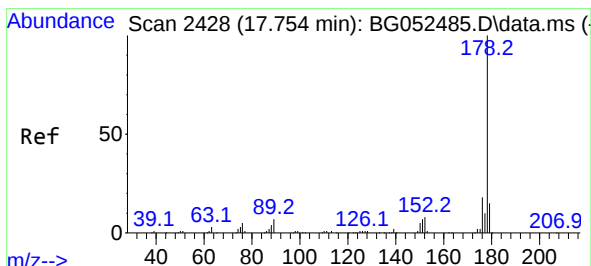
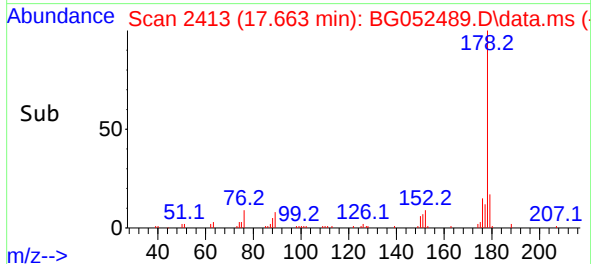
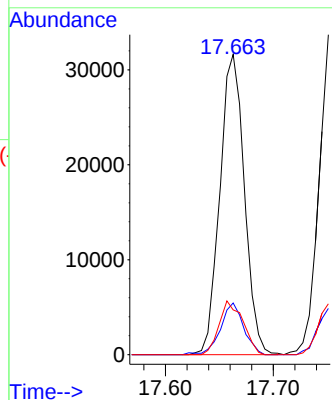
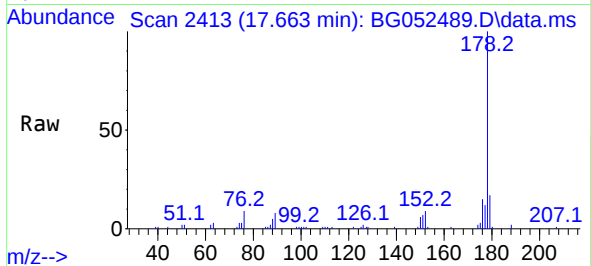
#72
Phenanthrene
Concen: 4.827 ng/ul m
RT: 17.663 min Scan# 2412
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion:178 Resp: 49902
Ion Ratio Lower Upper
178 100
179 17.2 12.3 18.5
176 14.9 15.5 23.3

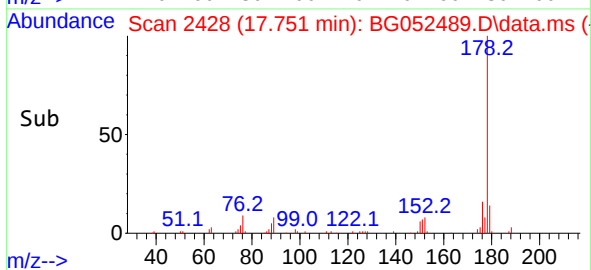
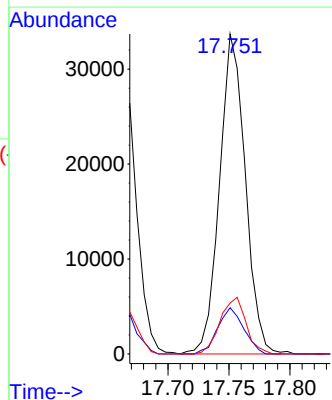
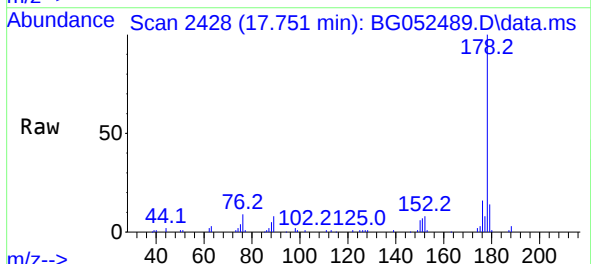
Manual Integrations
APPROVED

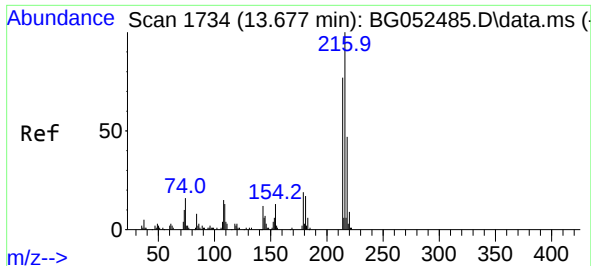
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#74
Anthracene
Concen: 4.757 ng/ul
RT: 17.751 min Scan# 2428
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

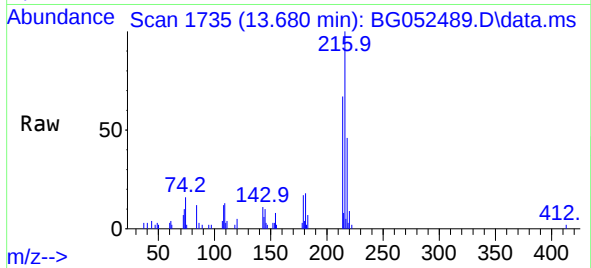
Tgt Ion:178 Resp: 49499
Ion Ratio Lower Upper
178 100
179 14.4 13.0 19.6
176 15.9 15.6 23.4





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.300 ng/uL
RT: 13.680 min Scan# 1735
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

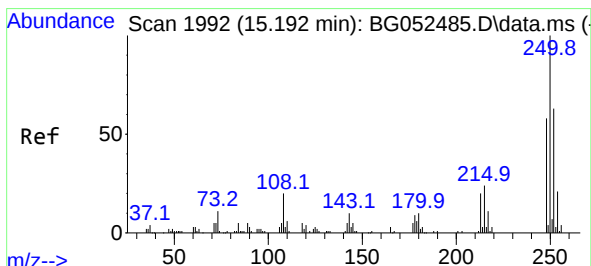
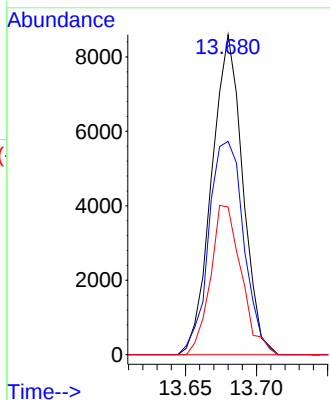
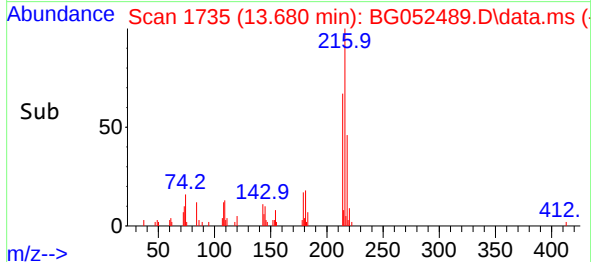
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



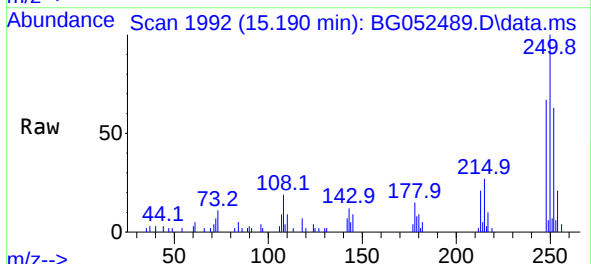
Tgt Ion:216 Resp: 13058
Ion Ratio Lower Upper
216 100
214 66.6 61.3 91.9
218 46.2 37.0 55.6

Manual Integrations
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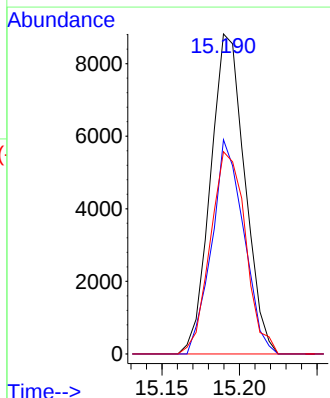
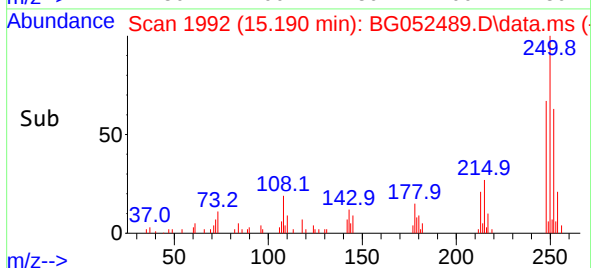
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

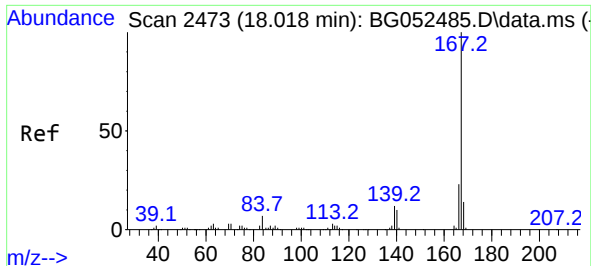


#76
Pentachlorobenzene
Concen: 4.669 ng/uL
RT: 15.190 min Scan# 1992
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



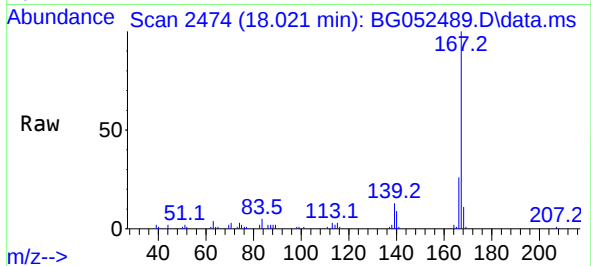
Tgt Ion:250 Resp: 13534
Ion Ratio Lower Upper
250 100
248 66.9 50.5 75.7
252 63.2 51.2 76.8





#77
Carbazole
Concen: 4.556 ng/ul
RT: 18.021 min Scan# 2473
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

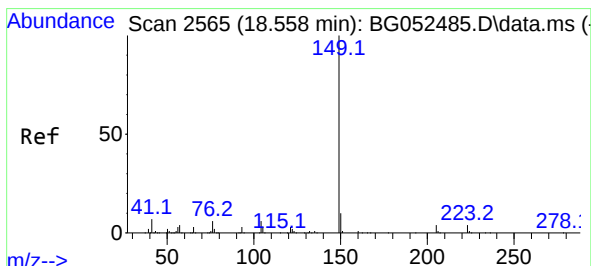
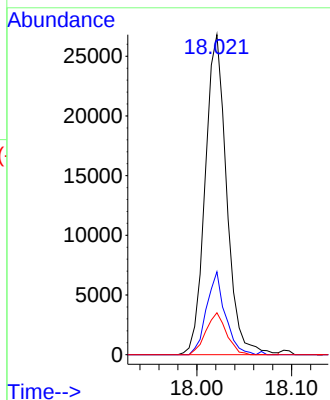
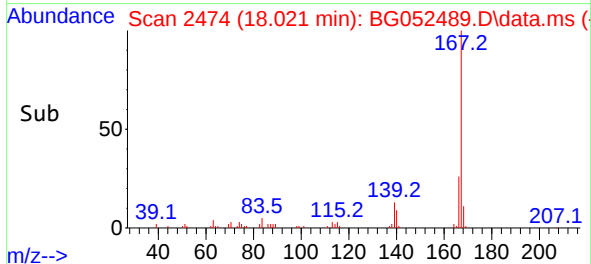
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



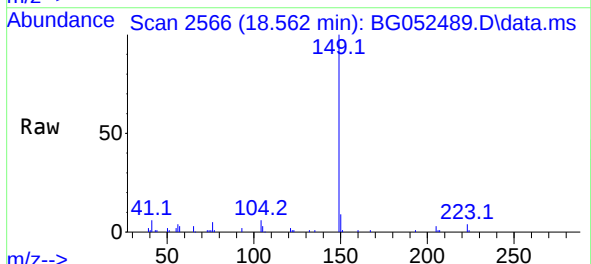
Tgt Ion:167 Resp: 42108
Ion Ratio Lower Upper
167 100
166 25.9 17.3 25.9
139 13.1 10.6 16.0

Manual Integrations
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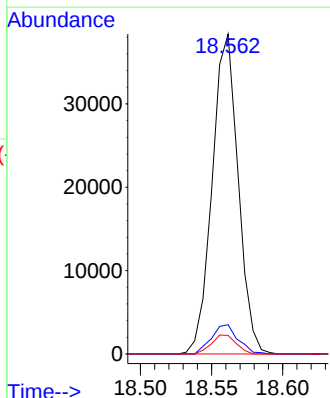
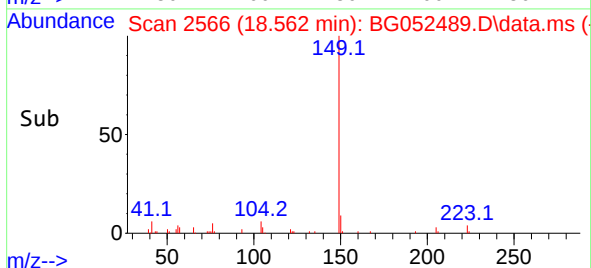
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

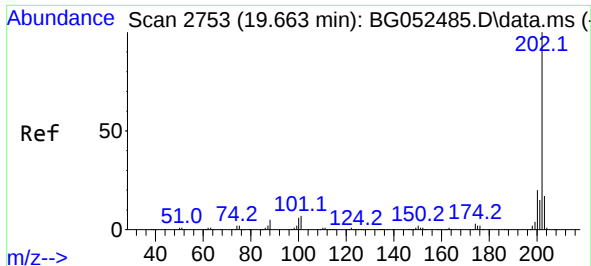


#78
Di-n-butylphthalate
Concen: 4.432 ng/ul
RT: 18.562 min Scan# 2566
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



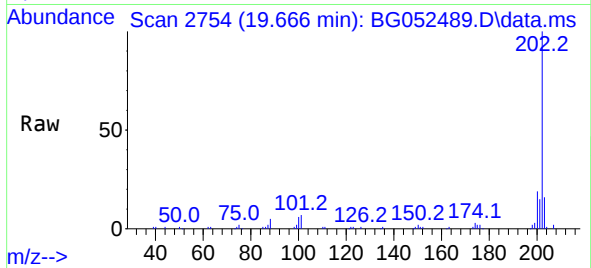
Tgt Ion:149 Resp: 48709
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.8 5.0 7.6





#80
Fluoranthene
Concen: 4.491 ng/ul
RT: 19.666 min Scan# 2754
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

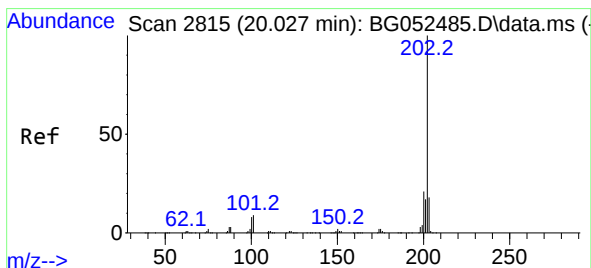
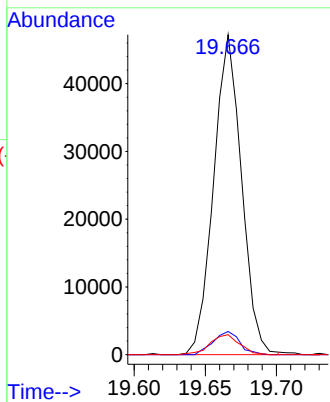
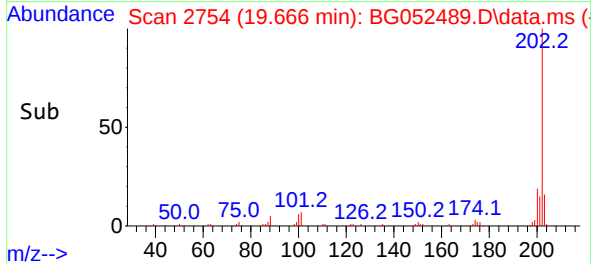
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion:202 Resp: 6434
Ion Ratio Lower Upper
202 100
101 7.3 9.3 13.9
100 6.2 7.0 10.6

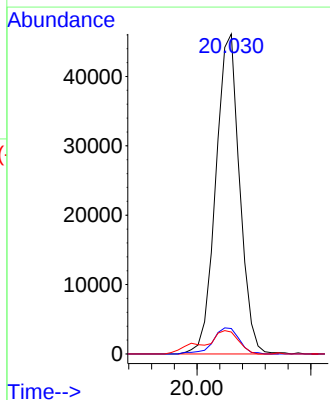
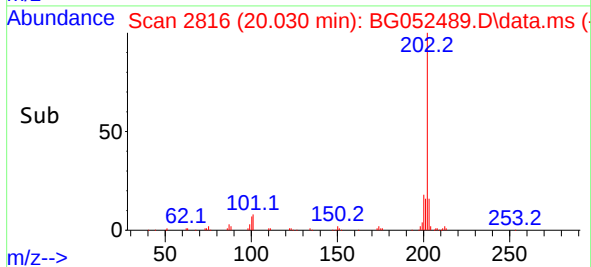
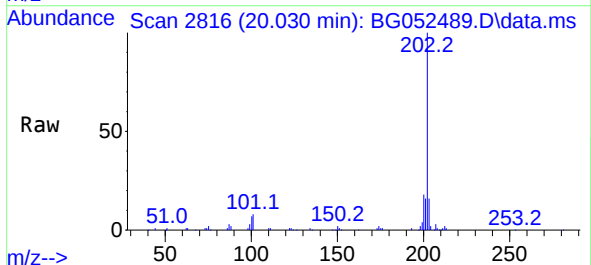
Manual Integrations
APPROVED

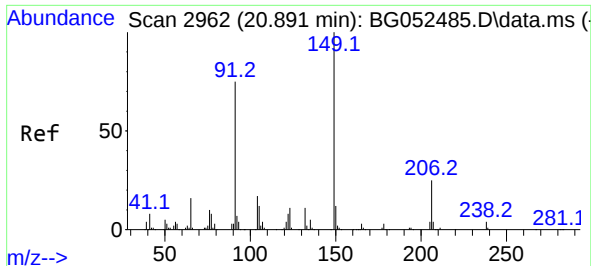
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#82
Pyrene
Concen: 4.716 ng/ul
RT: 20.030 min Scan# 2816
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

Tgt Ion:202 Resp: 67096
Ion Ratio Lower Upper
202 100
101 7.9 10.7 16.1#
100 6.9 9.0 13.6#





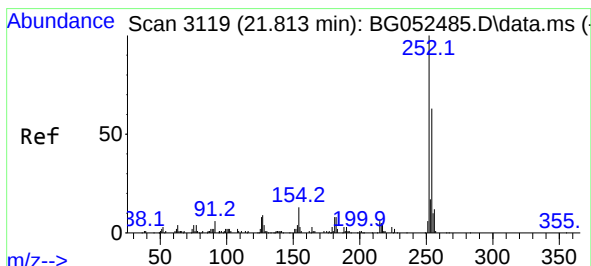
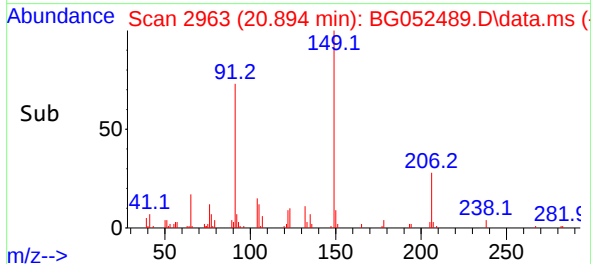
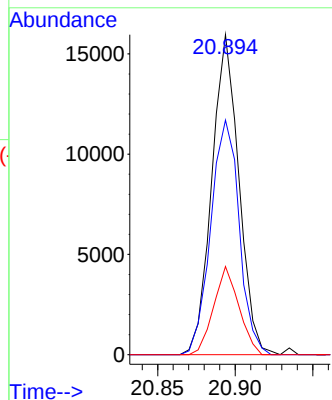
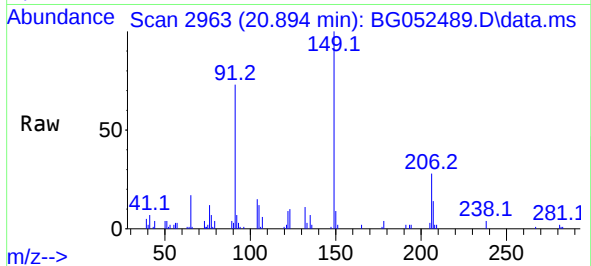
#83
Butylbenzylphthalate
Concen: 3.766 ng/ul
RT: 20.894 min Scan# 2962
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion:	149	Resp:	1936
Ion Ratio	Lower	Upper	
149	100		
91	73.3	65.2	97.8
206	27.6	16.2	24.2

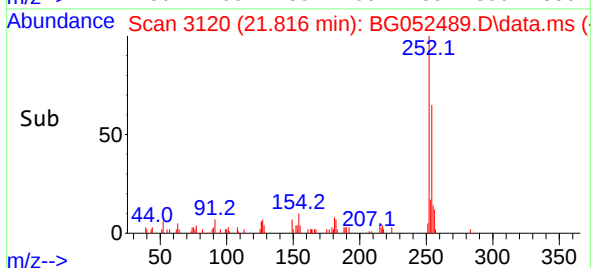
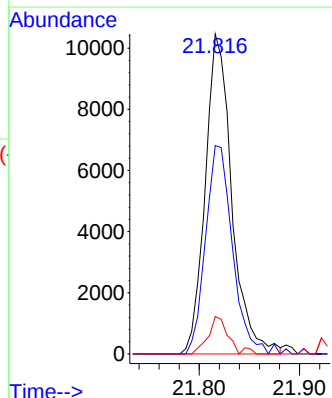
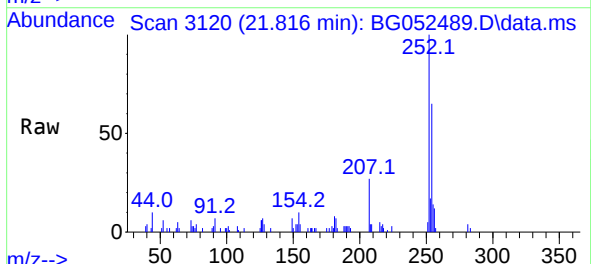
Manual Integrations
APPROVED

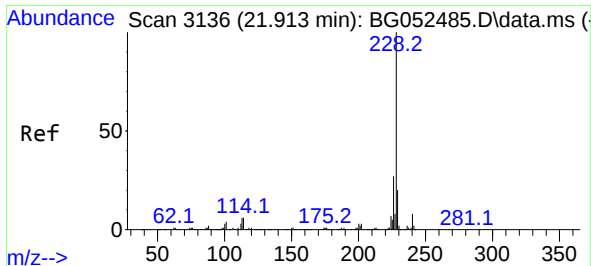
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#84
3,3'-Dichlorobenzidine
Concen: 4.206 ng/ul
RT: 21.816 min Scan# 3120
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

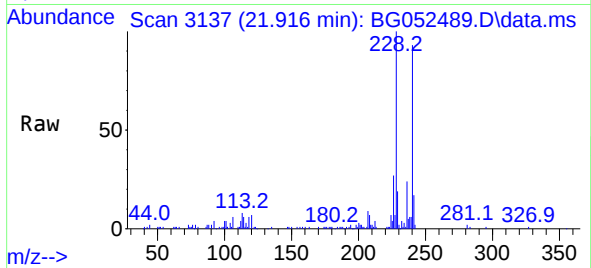
Tgt Ion:	252	Resp:	19268
Ion Ratio	Lower	Upper	
252	100		
254	65.1	50.8	76.2
126	11.7	9.0	13.4





#85
Benzo(a)anthracene
Concen: 4.549 ng/ul
RT: 21.916 min Scan# 3136
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

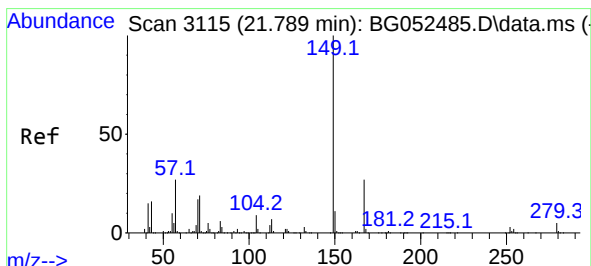
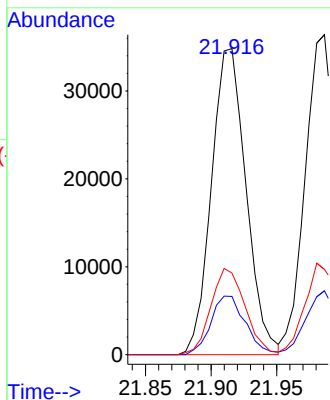
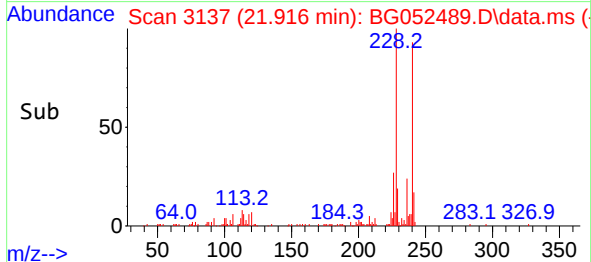
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion:228 Resp: 63930
Ion Ratio Lower Upper
228 100
229 19.0 15.7 23.5
226 26.6 22.3 33.5

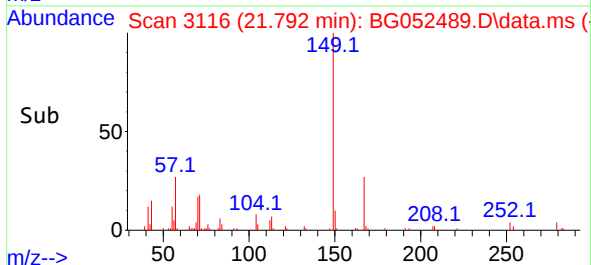
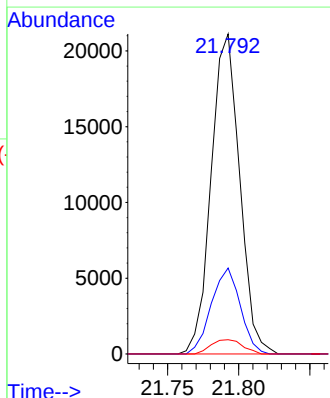
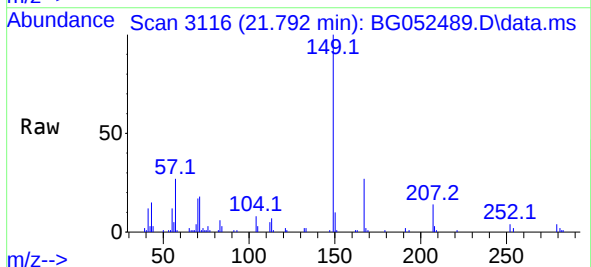
Manual Integrations
APPROVED

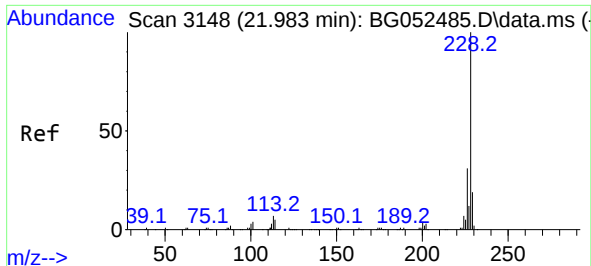
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.080 ng/ul
RT: 21.792 min Scan# 3116
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

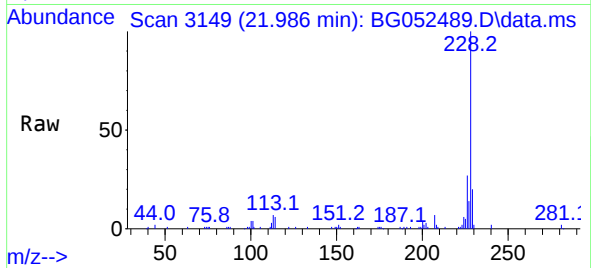
Tgt Ion:149 Resp: 29417
Ion Ratio Lower Upper
149 100
167 26.9 21.1 31.7
279 4.5 2.7 4.1#





#87
Chrysene
Concen: 4.642 ng/ul
RT: 21.986 min Scan# 3148
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

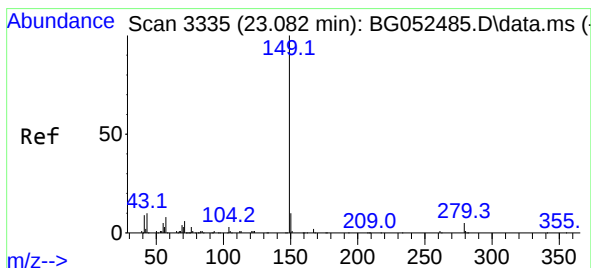
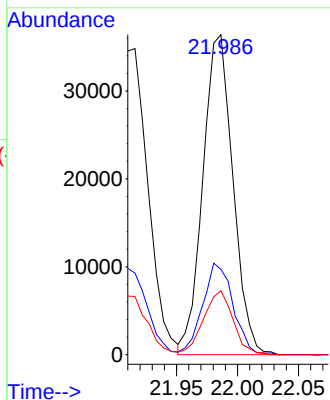
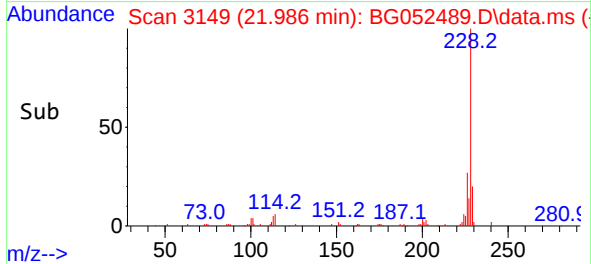
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion:228 Resp: 62534
Ion Ratio Lower Upper
228 100
226 26.7 24.8 37.2
229 19.9 15.8 23.6

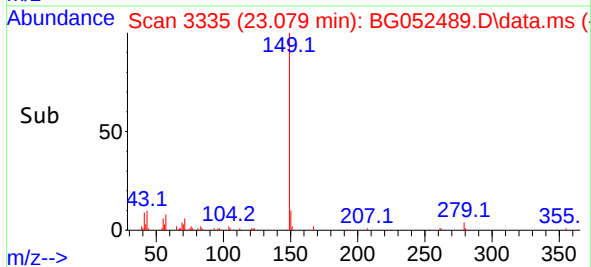
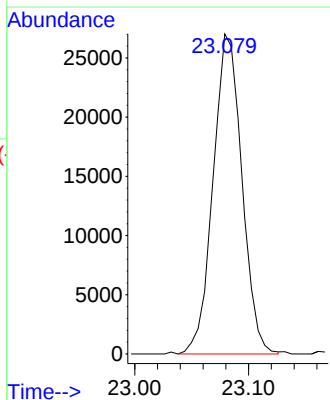
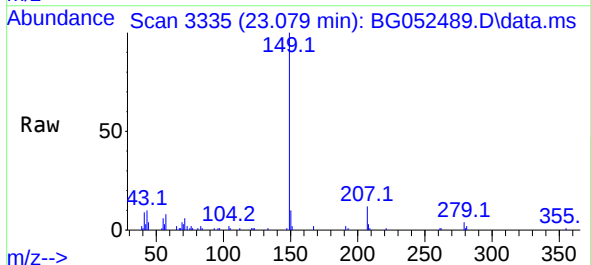
Manual Integrations
APPROVED

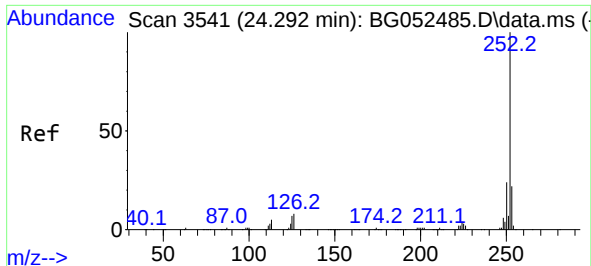
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#89
Di-n-octyl phthalate
Concen: 4.035 ng/ul
RT: 23.079 min Scan# 3335
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

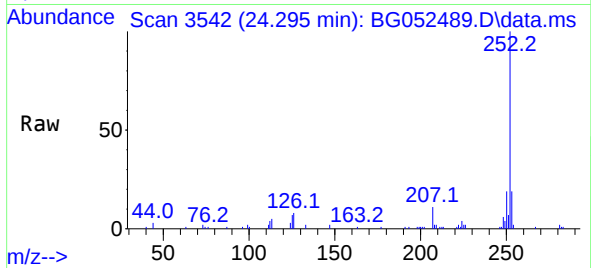
Tgt Ion:149 Resp: 47517





#90
Benzo(b)fluoranthene
Concen: 4.570 ng/ul
RT: 24.295 min Scan# 3541
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

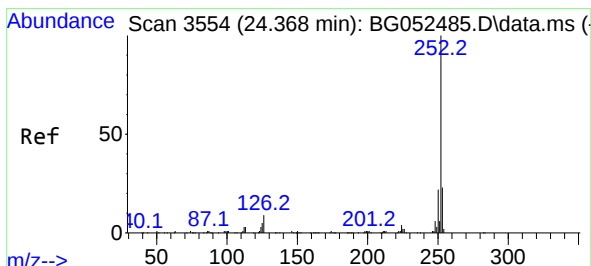
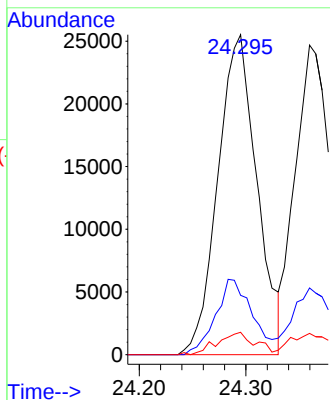
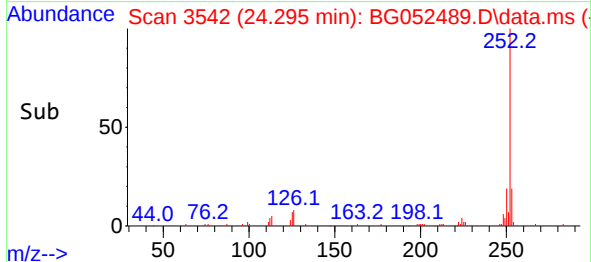
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



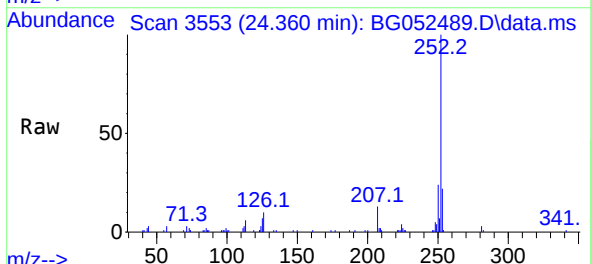
Tgt Ion:252 Resp: 6489
Ion Ratio Lower Upper
252 100
253 18.6 17.8 26.6
125 7.0 8.5 12.7

Manual Integrations
APPROVED

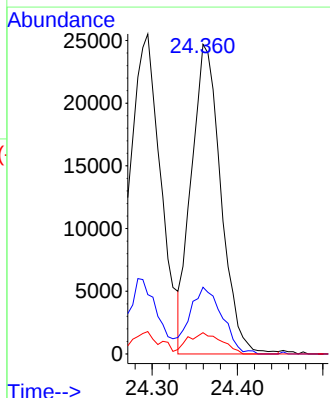
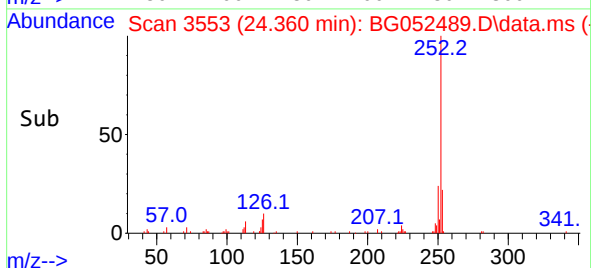
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022

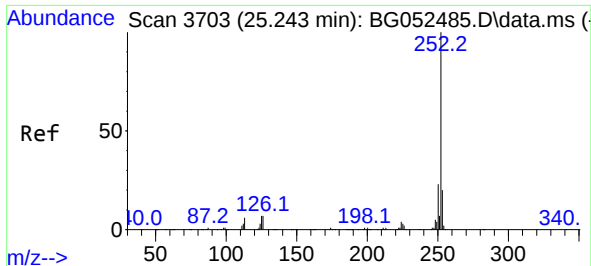


#91
Benzo(k)fluoranthene
Concen: 4.534 ng/ul
RT: 24.360 min Scan# 3553
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



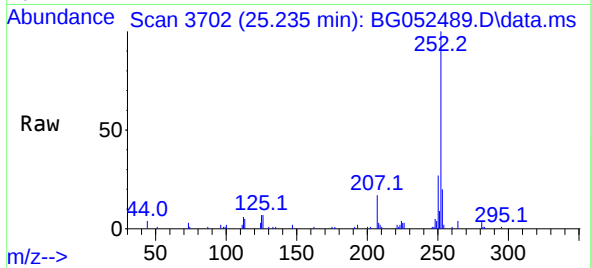
Tgt Ion:252 Resp: 59377
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 6.9 7.8 11.6





#93
Benzo(a)pyrene
Concen: 4.467 ng/ul
RT: 25.235 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

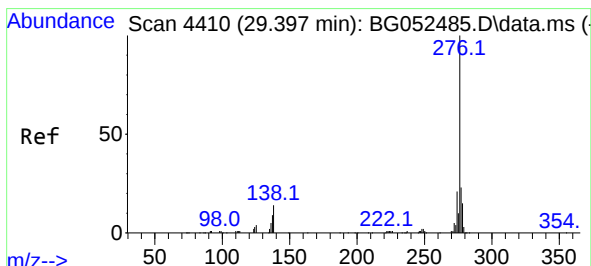
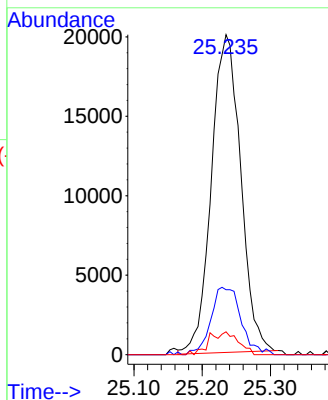
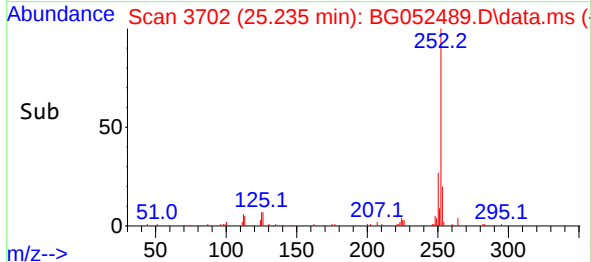
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion:252 Resp: 5967
Ion Ratio Lower Upper
252 100
253 20.3 17.4 26.2
125 7.1 9.1 13.7

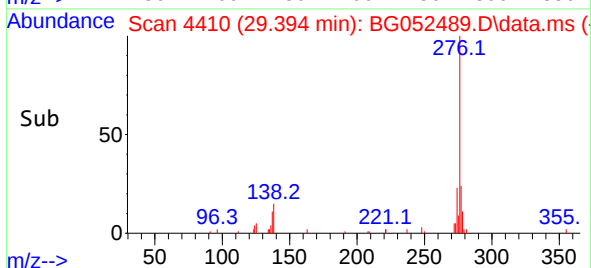
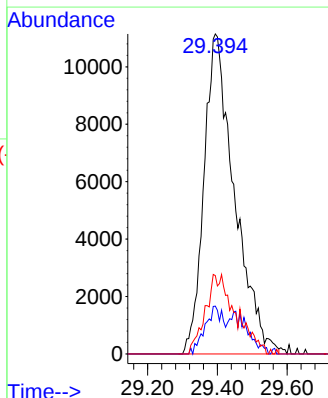
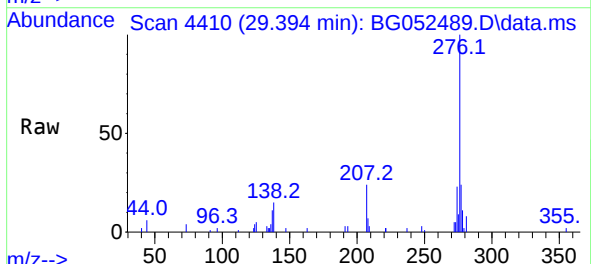
Manual Integrations
APPROVED

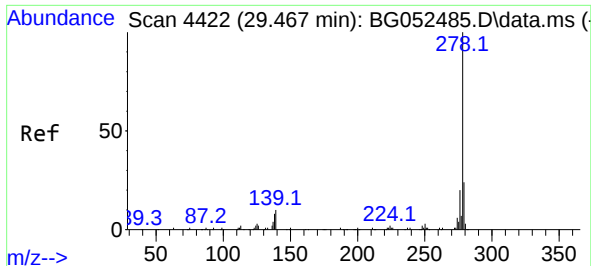
Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 4.451 ng/ul m
RT: 29.394 min Scan# 4410
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

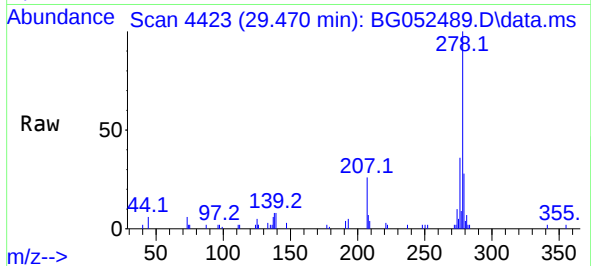
Tgt Ion:276 Resp: 67612
Ion Ratio Lower Upper
276 100
138 15.0 15.5 23.3#
277 24.5 20.5 30.7





#95
Dibenzo(a,h)anthracene
Concen: 4.365 ng/ul
RT: 29.470 min Scan# 4422
Delta R.T. 0.011 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14

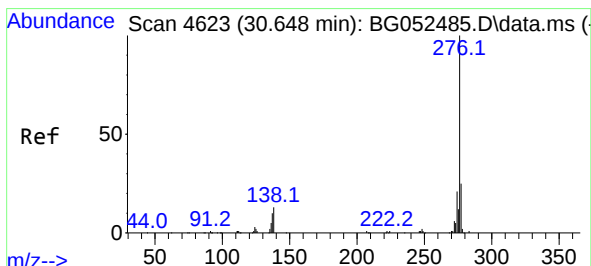
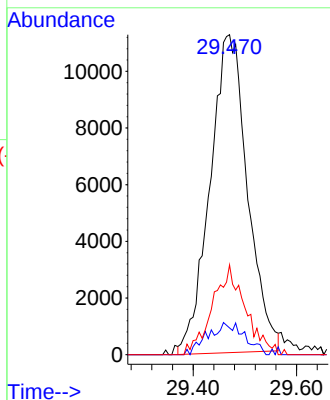
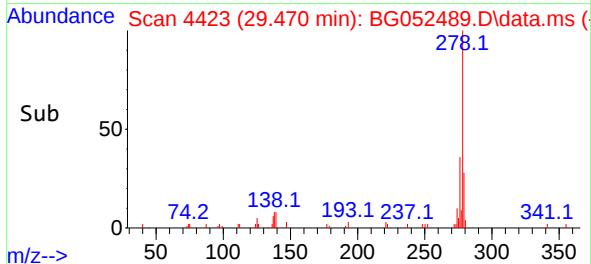
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2022-02



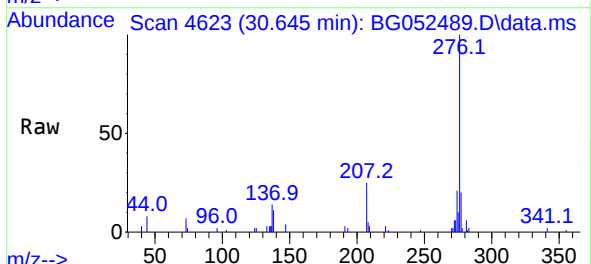
Tgt Ion:278 Resp: 5659
Ion Ratio Lower Upper
278 100
139 8.4 12.2 18.4
279 28.1 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/25/2022
Supervised By :mohammad ahmed 03/02/2022



#96
Benzo(g,h,i)perylene
Concen: 4.464 ng/ul m
RT: 30.645 min Scan# 4623
Delta R.T. 0.005 min
Lab File: BG052489.D
Acq: 25 Feb 2022 15:14



Tgt Ion:276 Resp: 56926
Ion Ratio Lower Upper
276 100
138 11.0 16.6 24.8
277 20.1 17.6 26.4

