

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
 Data File : BG052675.D
 Acq On : 16 Mar 2022 11:40
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 16 13:26:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 11:53:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	36677	20.000	ng	0.00
21) Naphthalene-d8	10.967	136	148308	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	105639	20.000	ng	0.00
64) Phenanthrene-d10	17.516	188	248967	20.000	ng	0.00
76) Chrysene-d12	21.805	240	275295	20.000	ng	0.00
86) Perylene-d12	25.124	264	277731	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	216566	102.831	ng	0.00
7) Phenol-d6	7.295	99	317170	99.894	ng	0.00
23) Nitrobenzene-d5	9.316	82	210026	71.077	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	133397	93.974	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	489674	68.364	ng	0.00
79) Terphenyl-d14	20.119	244	990576	64.007	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.600	88	11187	10.619	ng	96
3) Pyridine	4.011	79	25022	9.265	ng	98
4) n-Nitrosodimethylamine	3.911	42	10497	8.762	ng	# 93
6) Aniline	7.471	93	38175	10.254	ng	95
8) 2-Chlorophenol	7.718	128	21125	9.546	ng	96
9) Benzaldehyde	7.283	77	23873	12.242	ng	96
10) Phenol	7.324	94	29037	9.265	ng	85
11) bis(2-Chloroethyl)ether	7.565	93	22491	9.502	ng	98
12) 1,3-Dichlorobenzene	8.047	146	25073	9.410	ng	94
13) 1,4-Dichlorobenzene	8.188	146	25670	9.589	ng	98
14) 1,2-Dichlorobenzene	8.517	146	23864	9.426	ng	95
15) Benzyl Alcohol	8.382	79	22987	8.598	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.675	45	39481	9.578	ng	95
17) 2-Methylphenol	8.582	107	18856	9.025	ng	95
18) Hexachloroethane	9.257	117	9275	9.443	ng	93
19) n-Nitroso-di-n-propyla...	8.957	70	21167	9.413	ng	98
20) 3+4-Methylphenols	8.905	107	26273	8.985	ng	97
22) Acetophenone	8.975	105	38451	10.019	ng	# 93
24) Nitrobenzene	9.357	77	30591	10.347	ng	94
25) Isophorone	9.880	82	57200	9.997	ng	# 92
26) 2-Nitrophenol	10.074	139	8841	8.611	ng	91
27) 2,4-Dimethylphenol	10.121	122	21953	10.451	ng	91
28) bis(2-Chloroethoxy)met...	10.361	93	31479	9.305	ng	92
29) 2,4-Dichlorophenol	10.602	162	21711	9.186	ng	96
30) 1,2,4-Trichlorobenzene	10.826	180	27498	9.862	ng	# 92
31) Naphthalene	11.019	128	75055	9.786	ng	99
32) Benzoic acid	10.185	122	12459	8.825	ng	93
33) 4-Chloroaniline	11.113	127	31013	9.541	ng	97
34) Hexachlorobutadiene	11.313	225	18709	9.359	ng	95
35) Caprolactam	11.865	113	6193	9.596	ng	94
36) 4-Chloro-3-methylphenol	12.218	107	24225	8.826	ng	99
37) 2-Methylnaphthalene	12.611	142	53324	9.494	ng	98
38) 1-Methylnaphthalene	12.611	142	53324	9.728	ng	99
40) 1,2,4,5-Tetrachloroben...	12.976	216	32385	9.812	ng	97
41) Hexachlorocyclopentadiene	12.964	237	27520	14.067	ng	98
43) 2,4,6-Trichlorophenol	13.205	196	19140	9.056	ng	96

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 ALS Vial : 7 Sample Multiplier: 1

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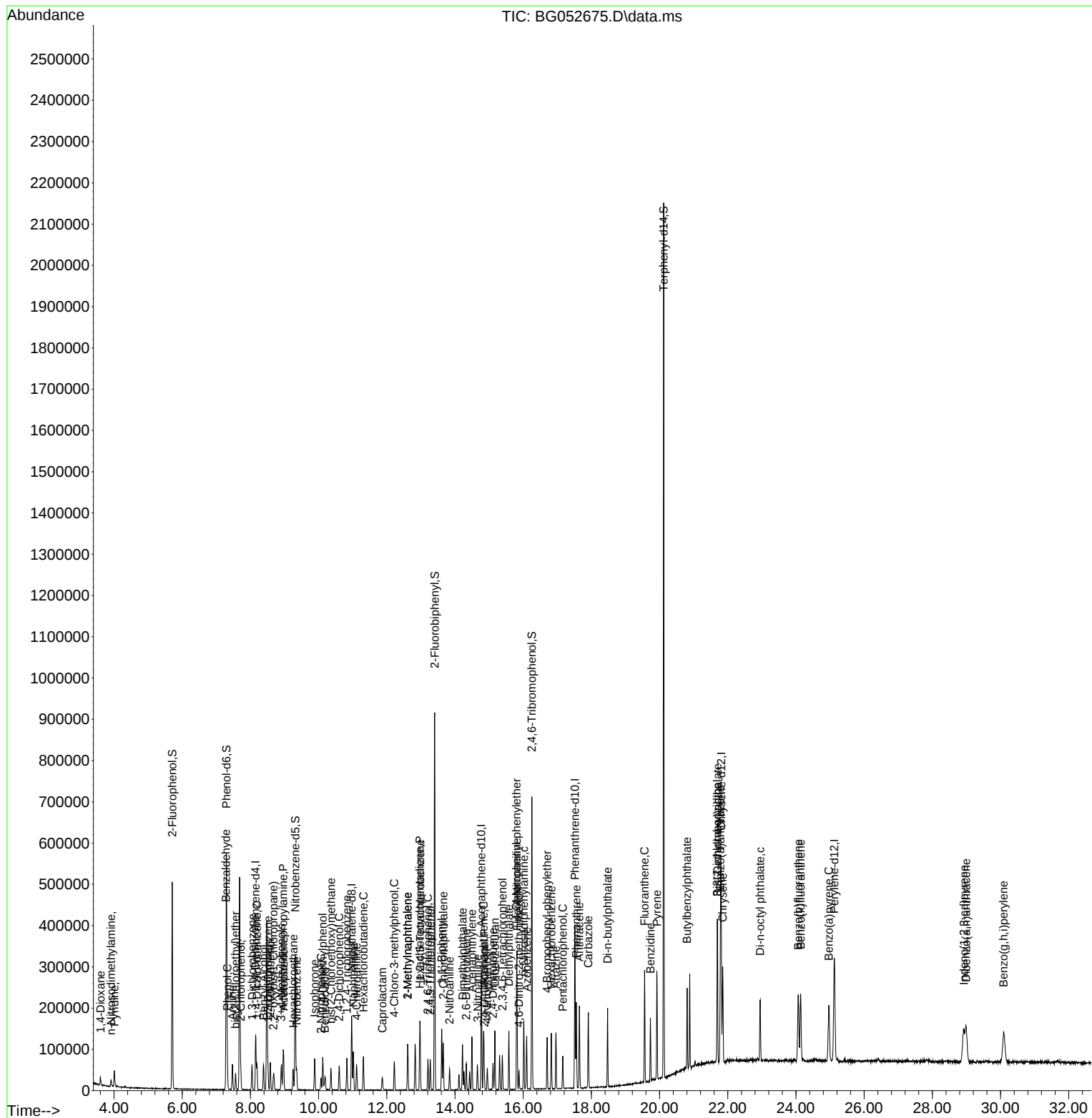
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.275	196	20015	9.330	ng	94
46) 1,1'-Biphenyl	13.610	154	75169	10.175	ng	96
47) 2-Chloronaphthalene	13.657	162	58137	9.993	ng	97
48) 2-Nitroaniline	13.839	65	12904	8.110	ng #	83
49) Acenaphthylene	14.497	152	94115	10.148	ng	96
50) Dimethylphthalate	14.221	163	73151	9.317	ng	98
51) 2,6-Dinitrotoluene	14.327	165	12853	9.696	ng	95
52) Acenaphthene	14.838	154	59345	9.988	ng	92
53) 3-Nitroaniline	14.662	138	13930	8.981	ng #	94
54) 2,4-Dinitrophenol	14.861	184	8576	11.869	ng #	69
55) Dibenzofuran	15.167	168	93479	9.634	ng	99
56) 4-Nitrophenol	14.943	139	10606	8.382	ng #	71
57) 2,4-Dinitrotoluene	15.114	165	17428	9.476	ng #	90
58) Fluorene	15.819	166	75068	9.491	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.390	232	19769	8.621	ng #	100
60) Diethylphthalate	15.578	149	76327	9.210	ng	98
61) 4-Chlorophenyl-phenyle...	15.807	204	40460	9.276	ng	94
62) 4-Nitroaniline	15.813	138	15061	9.189	ng	88
63) Azobenzene	16.101	77	81871	9.243	ng	94
65) 4,6-Dinitro-2-methylph...	15.878	198	11417	10.286	ng	97
66) n-Nitrosodiphenylamine	16.019	169	66103	9.431	ng	98
67) 4-Bromophenyl-phenylether	16.700	248	26519	8.835	ng	96
68) Hexachlorobenzene	16.823	284	30963	9.597	ng #	93
69) Atrazine	16.958	200	25944	10.038	ng	86
70) Pentachlorophenol	17.158	266	15569	7.778	ng	93
71) Phenanthrene	17.558	178	132621	9.957	ng	98
72) Anthracene	17.646	178	130933	9.944	ng	99
73) Carbazole	17.910	167	122062	9.360	ng	97
74) Di-n-butylphthalate	18.474	149	134929	9.472	ng	100
75) Fluoranthene	19.561	202	168758	9.982	ng	98
77) Benzidine	19.731	184	86955	12.246	ng	99
78) Pyrene	19.919	202	177369	9.288	ng	96
80) Butylbenzylphthalate	20.806	149	57063	8.424	ng	95
81) Benzo(a)anthracene	21.781	228	175156	9.502	ng	96
82) 3,3'-Dichlorobenzidine	21.687	252	63627	9.774	ng	97
83) Chrysene	21.852	228	163080	9.410	ng	98
84) Bis(2-ethylhexyl)phtha...	21.699	149	84028	9.121	ng	97
85) Di-n-octyl phthalate	22.950	149	130756	8.526	ng #	95
87) Indeno(1,2,3-cd)pyrene	28.925	276	175349	9.224	ng	98
88) Benzo(b)fluoranthene	24.066	252	173978	10.089	ng	99
89) Benzo(k)fluoranthene	24.137	252	168098	9.908	ng	99
90) Benzo(a)pyrene	24.965	252	164323	11.257	ng	96
91) Dibenzo(a,h)anthracene	28.989	278	156077	9.964	ng	99
92) Benzo(g,h,i)perylene	30.088	276	152729	9.854	ng #	94

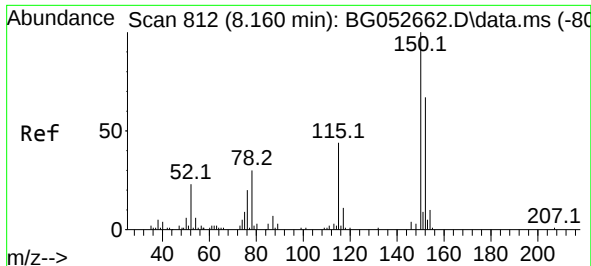
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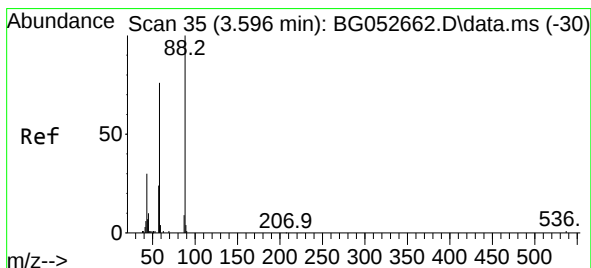
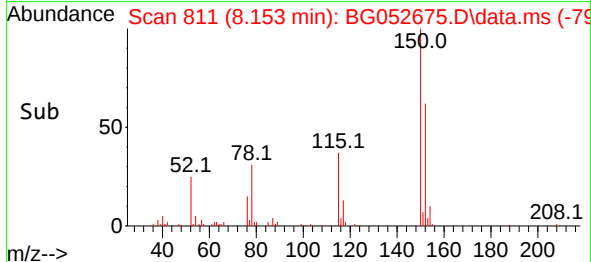
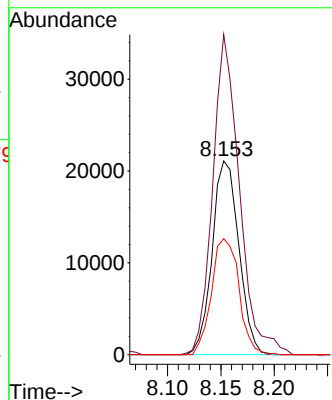
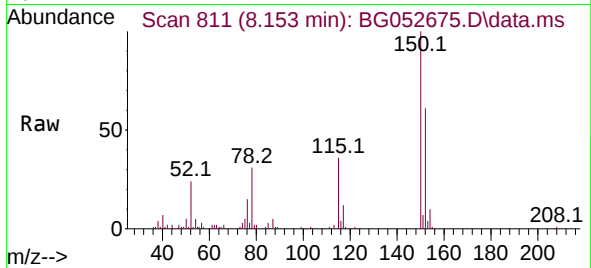




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.153 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BG052675.D
 Acq: 16 Mar 2022 11:40

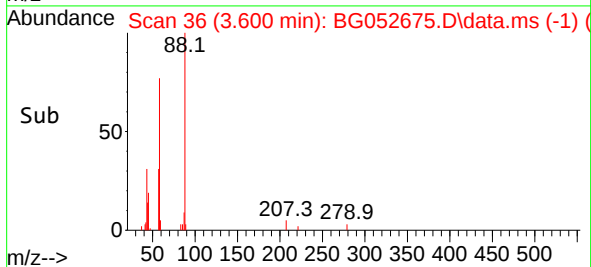
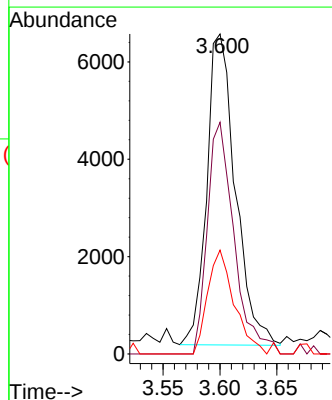
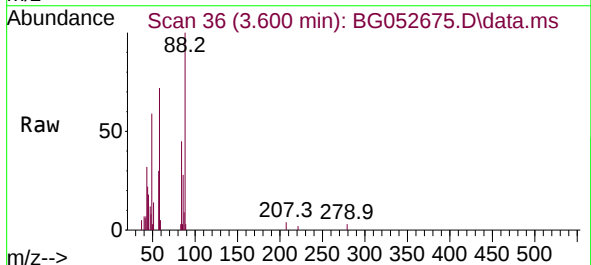
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 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

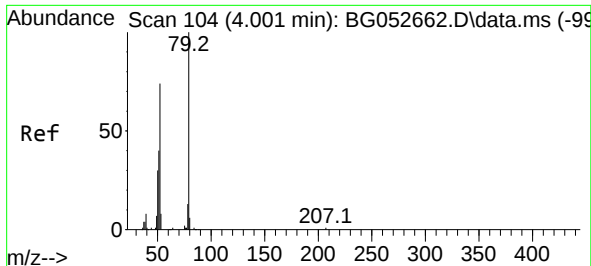
Tgt Ion:152 Resp: 36677
 Ion Ratio Lower Upper
 152 100
 150 165.1 114.6 172.0
 115 59.8 45.9 68.9



#2
 1,4-Dioxane
 Concen: 10.619 ng
 RT: 3.600 min Scan# 36
 Delta R.T. 0.004 min
 Lab File: BG052675.D
 Acq: 16 Mar 2022 11:40

Tgt Ion: 88 Resp: 11187
 Ion Ratio Lower Upper
 88 100
 58 69.5 58.2 87.2
 43 30.9 23.4 35.0

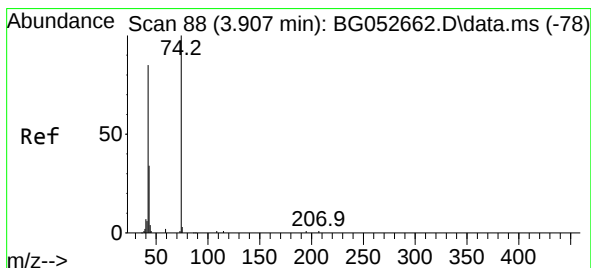
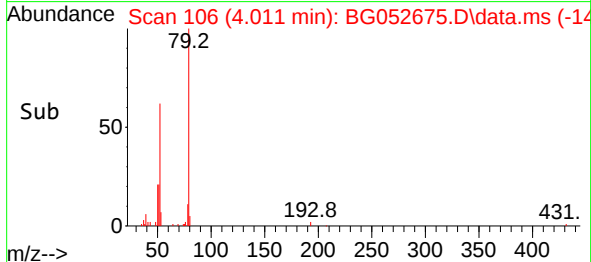
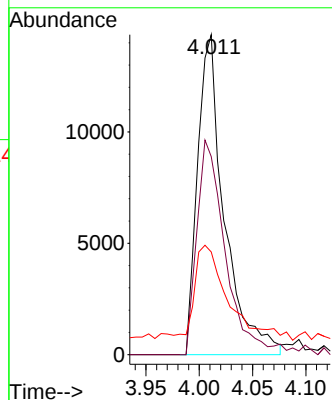
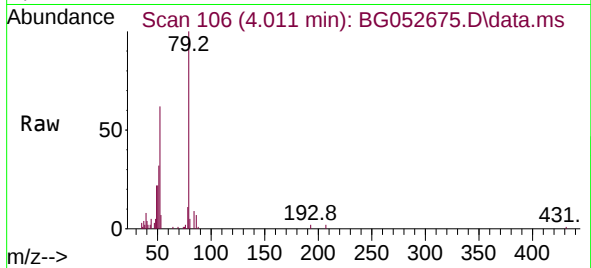




#3
Pyridine
Concen: 9.265 ng
RT: 4.011 min Scan# 106
Delta R.T. 0.010 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

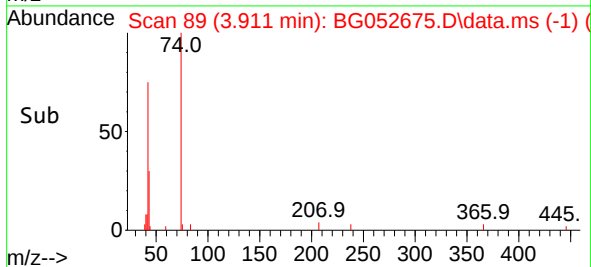
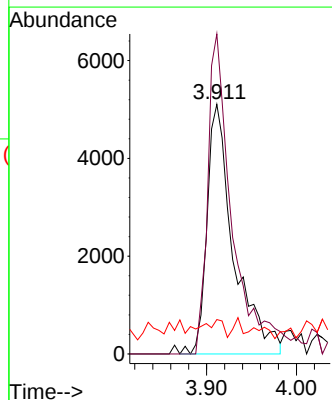
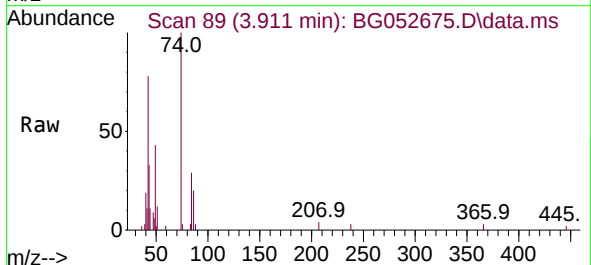
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT1-2022

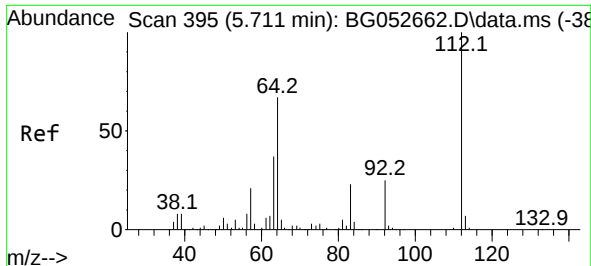
Tgt Ion: 79 Resp: 25022
Ion Ratio Lower Upper
79 100
52 61.9 50.9 76.3
51 32.1 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 8.762 ng
RT: 3.911 min Scan# 89
Delta R.T. 0.004 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion: 42 Resp: 10497
Ion Ratio Lower Upper
42 100
74 128.2 108.9 163.3
44 13.8 5.7 8.5

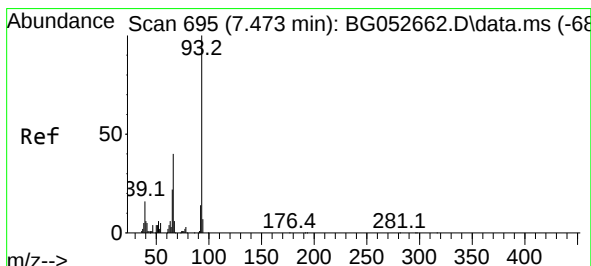
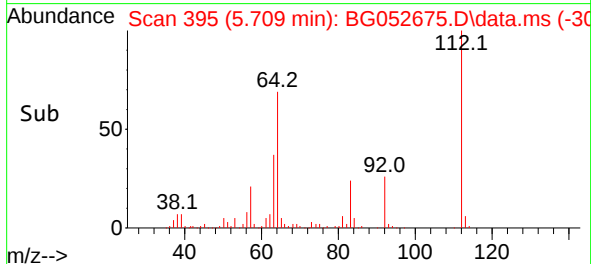
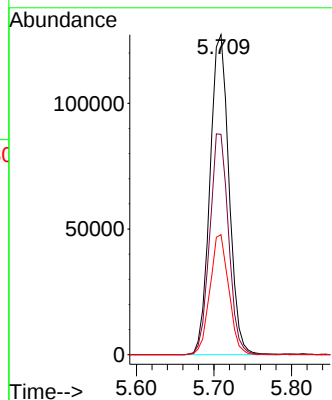
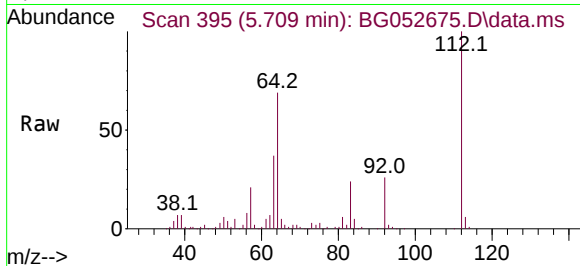




#5
2-Fluorophenol
Concen: 102.831 ng
RT: 5.709 min Scan# 395
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

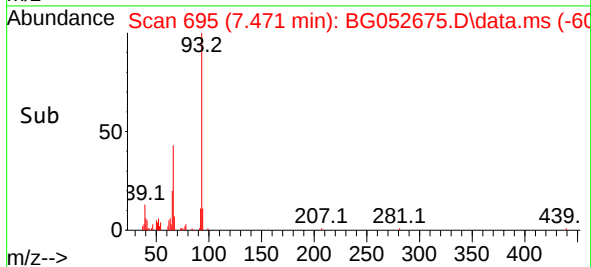
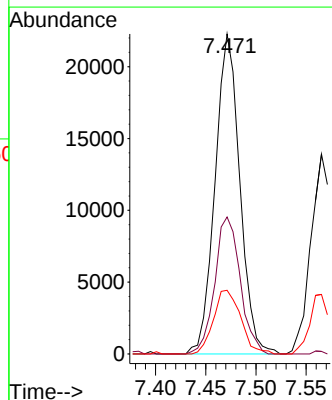
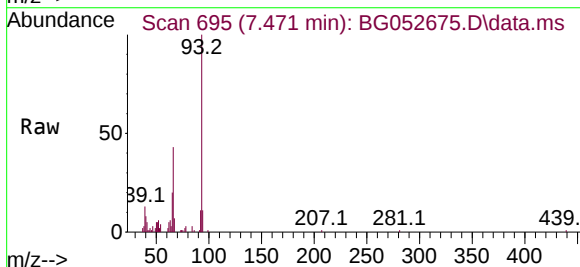
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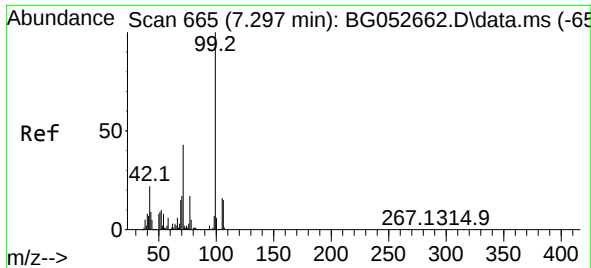
Tgt Ion:112 Resp: 216566
Ion Ratio Lower Upper
112 100
64 68.9 48.0 72.0
63 37.5 26.5 39.7



#6
Aniline
Concen: 10.254 ng
RT: 7.471 min Scan# 695
Delta R.T. -0.002 min
Lab File: BG052675.D
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Tgt Ion: 93 Resp: 38175
Ion Ratio Lower Upper
93 100
66 42.8 31.3 46.9
65 19.9 16.7 25.1

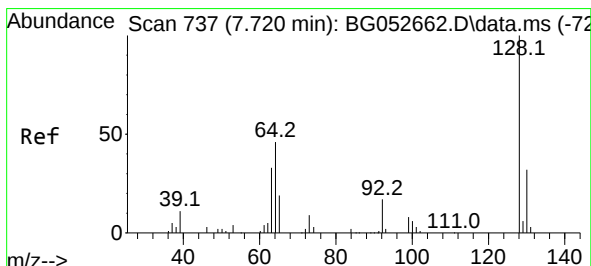
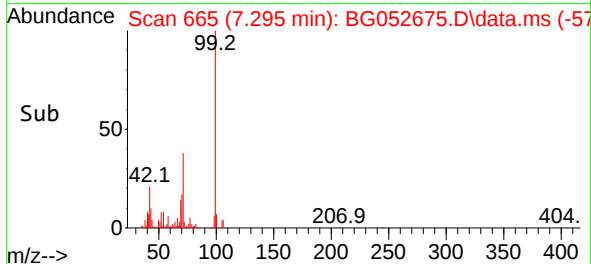
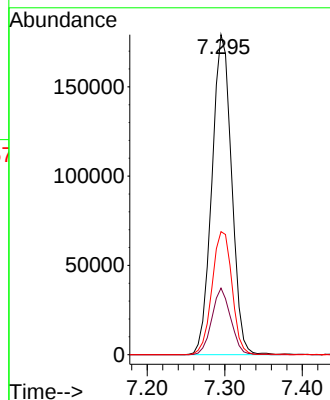
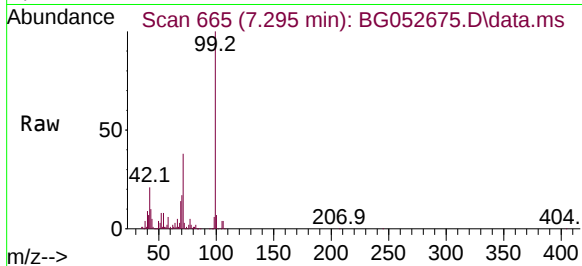




#7
Phenol-d6
Concen: 99.894 ng
RT: 7.295 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

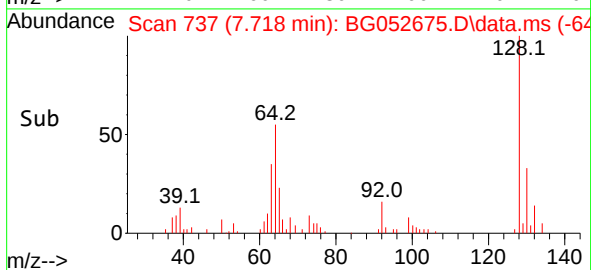
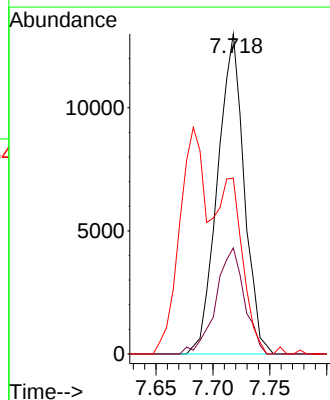
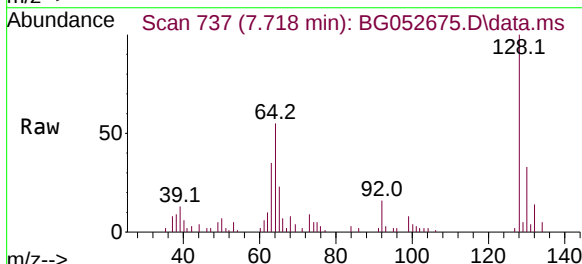
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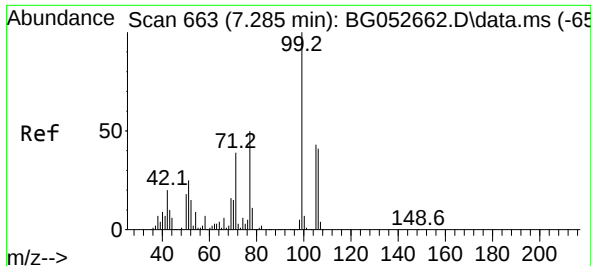
Tgt Ion: 99 Resp: 317170
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 38.5 29.2 43.8



#8
2-Chlorophenol
Concen: 9.546 ng
RT: 7.718 min Scan# 737
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion: 128 Resp: 21125
Ion Ratio Lower Upper
128 100
130 33.2 13.4 53.4
64 54.9 30.9 70.9

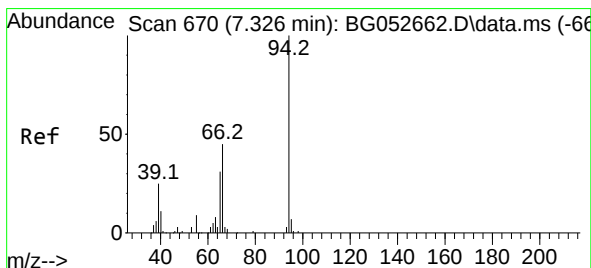
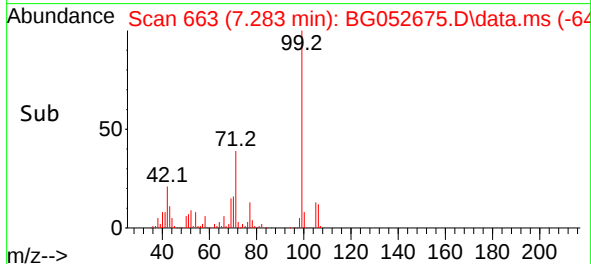
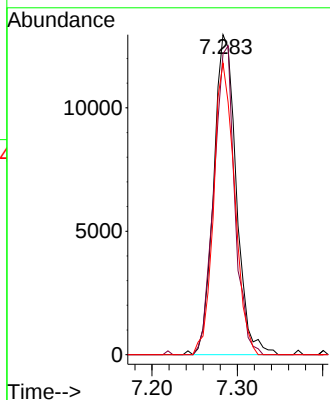
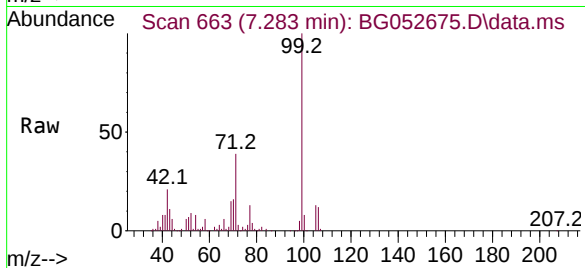




#9
Benzaldehyde
Concen: 12.242 ng
RT: 7.283 min Scan# 60
Delta R.T. -0.002 min
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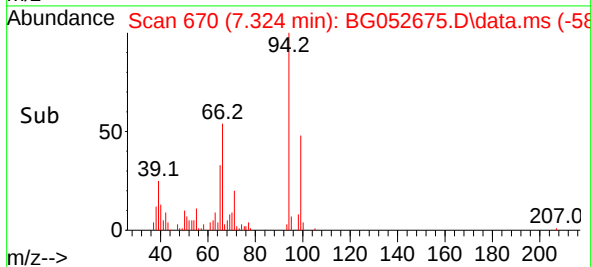
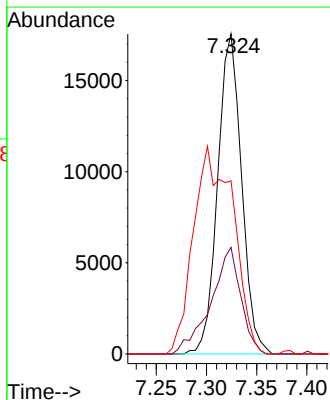
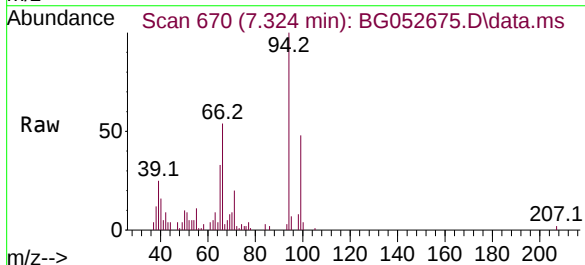
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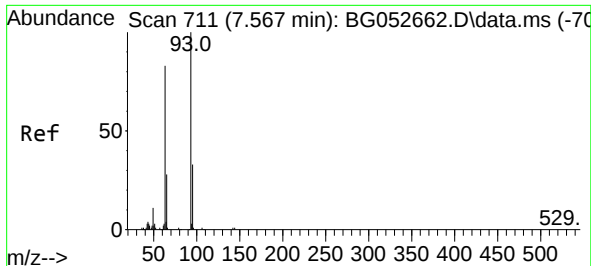
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Ion Ratio Lower Upper
77 100
105 94.0 70.6 110.6
106 91.1 67.6 107.6



#10
Phenol
Concen: 9.265 ng
RT: 7.324 min Scan# 670
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion: 94 Resp: 29037
Ion Ratio Lower Upper
94 100
65 33.3 11.1 51.1
66 54.1 20.0 60.0

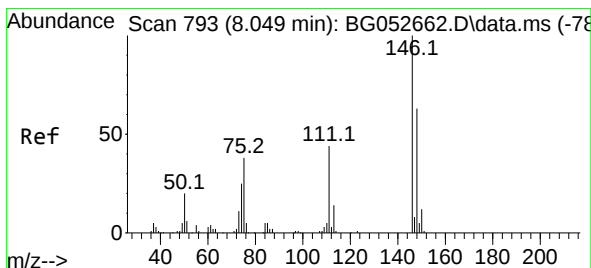
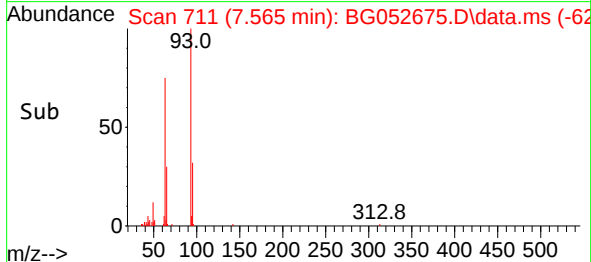
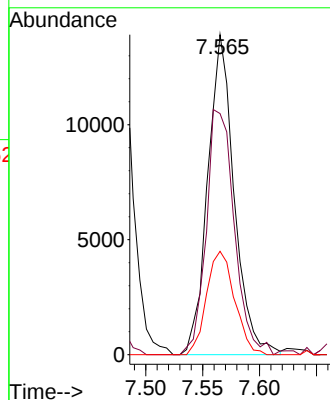
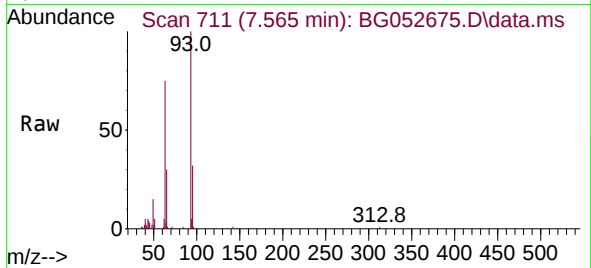




#11
bis(2-Chloroethyl)ether
Concen: 9.502 ng
RT: 7.565 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

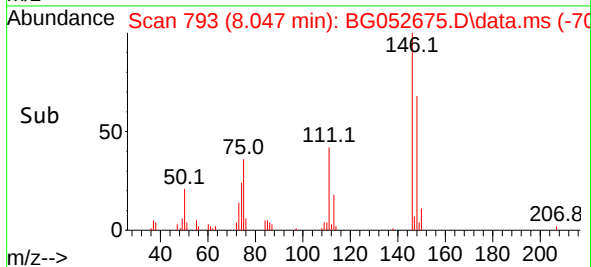
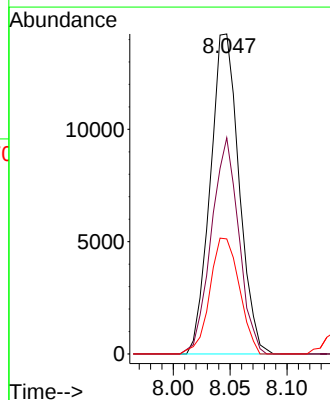
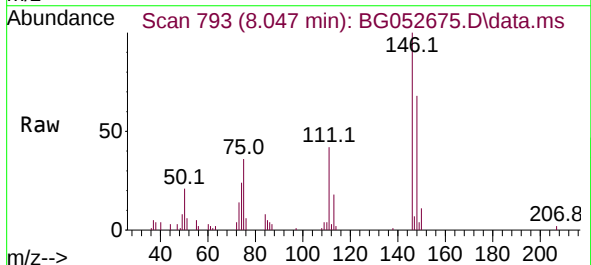
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

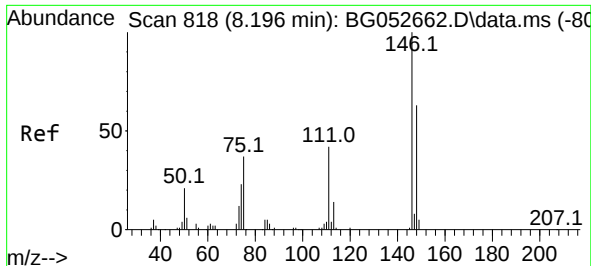
Tgt Ion: 93	Resp: 22491
Ion Ratio	Lower Upper
93 100	
63 75.3	56.9 96.9
95 32.3	14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 9.410 ng
RT: 8.047 min Scan# 793
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion: 146	Resp: 25073
Ion Ratio	Lower Upper
146 100	
148 67.5	50.6 76.0
75 36.0	25.9 38.9

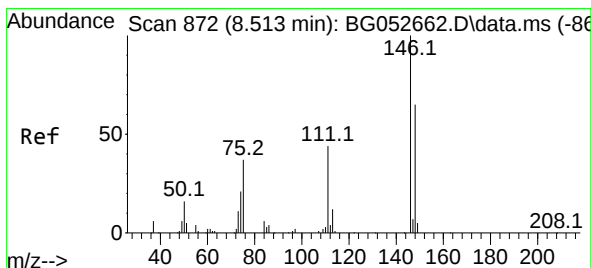
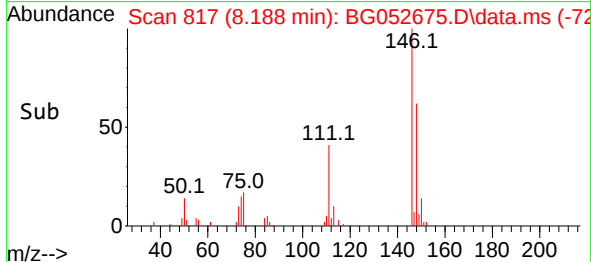
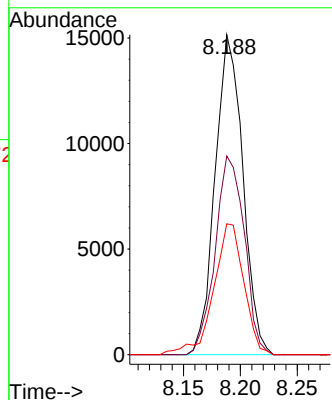
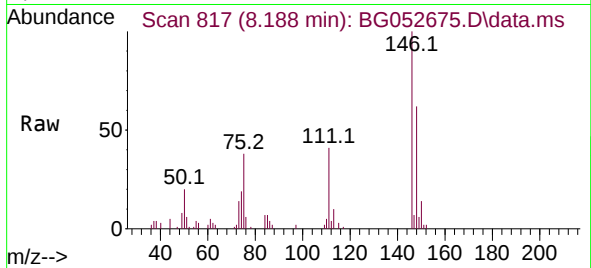




#13
1,4-Dichlorobenzene
Concen: 9.589 ng
RT: 8.188 min Scan# 818
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

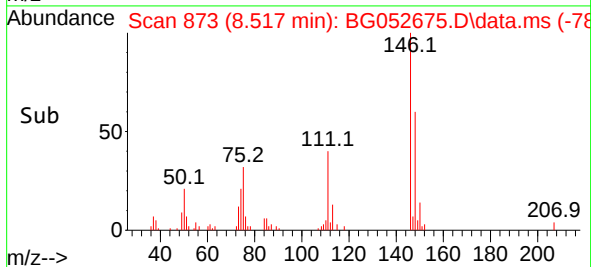
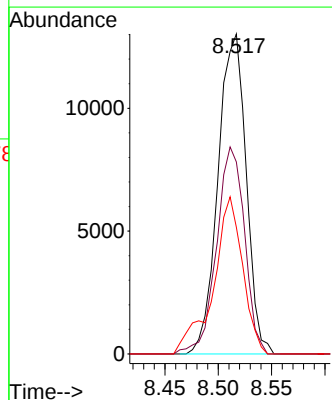
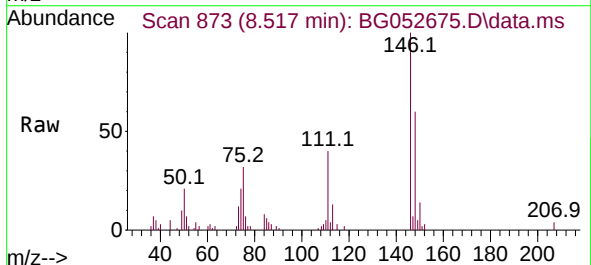
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

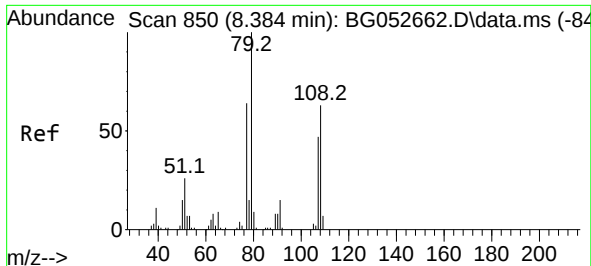
Tgt Ion:146 Resp: 25670
Ion Ratio Lower Upper
146 100
148 62.1 50.0 75.0
111 40.9 31.0 46.4



#14
1,2-Dichlorobenzene
Concen: 9.426 ng
RT: 8.517 min Scan# 873
Delta R.T. 0.004 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:146 Resp: 23864
Ion Ratio Lower Upper
146 100
148 60.0 51.0 76.6
111 39.6 34.7 52.1

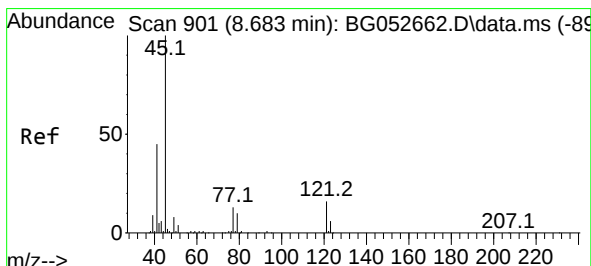
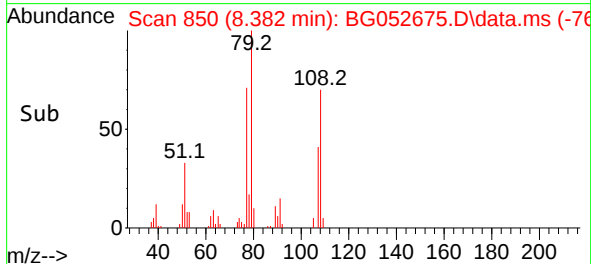
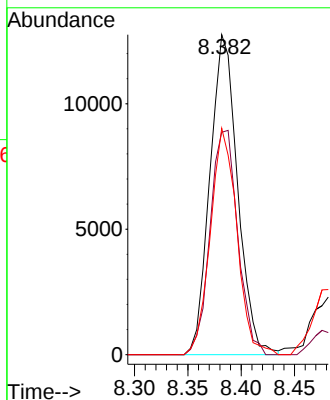
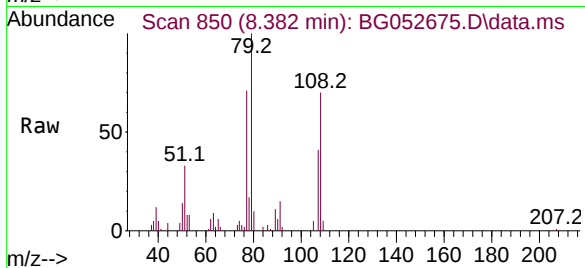




#15
Benzyl Alcohol
Concen: 8.598 ng
RT: 8.382 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

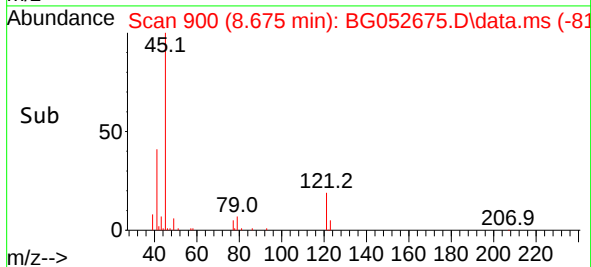
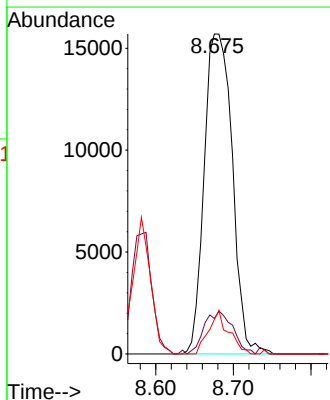
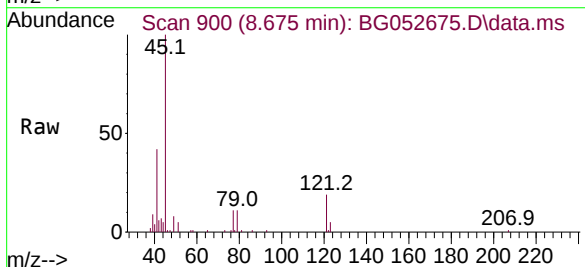
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

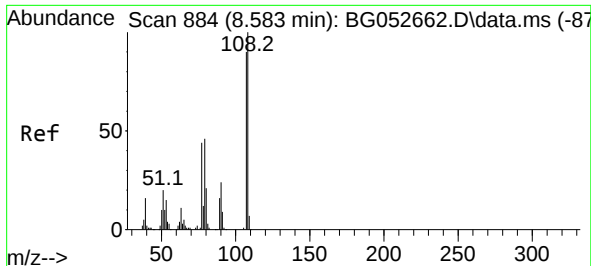
Tgt Ion: 79 Resp: 22987
Ion Ratio Lower Upper
79 100
108 69.5 55.1 82.7
77 70.7 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.578 ng
RT: 8.675 min Scan# 900
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion: 45 Resp: 39481
Ion Ratio Lower Upper
45 100
77 11.1 0.0 34.9
79 10.8 0.0 30.7





#17

2-Methylphenol

Concen: 9.025 ng

RT: 8.582 min Scan# 884

Delta R.T. -0.002 min

Lab File: BG052675.D

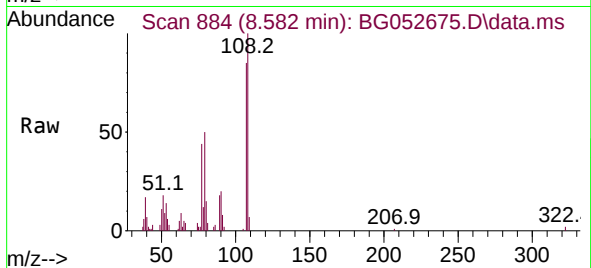
Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022



Tgt Ion:107 Resp: 18856

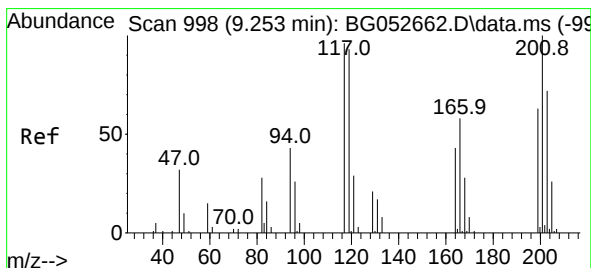
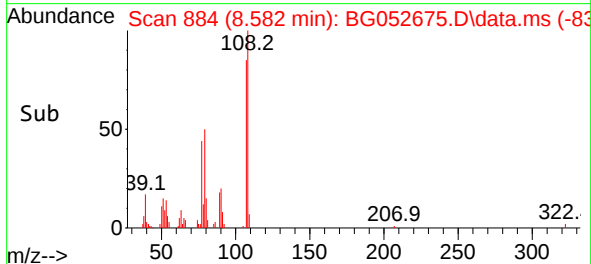
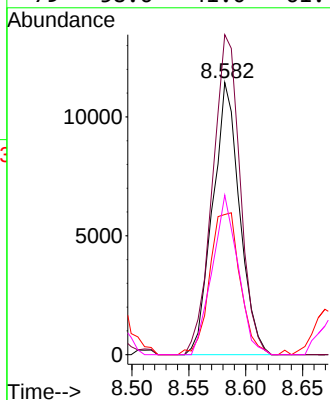
Ion Ratio Lower Upper

107 100

108 117.5 91.5 137.3

77 51.5 42.5 63.7

79 58.6 41.0 61.4



#18

Hexachloroethane

Concen: 9.443 ng

RT: 9.257 min Scan# 999

Delta R.T. 0.004 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

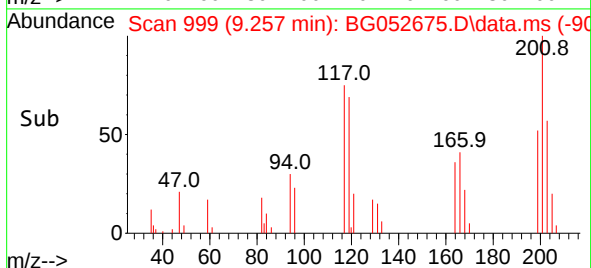
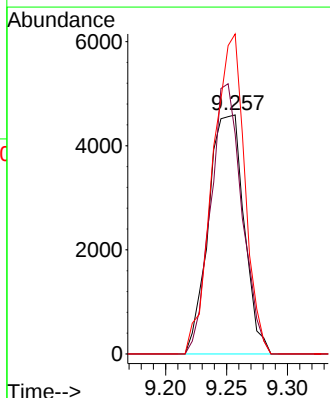
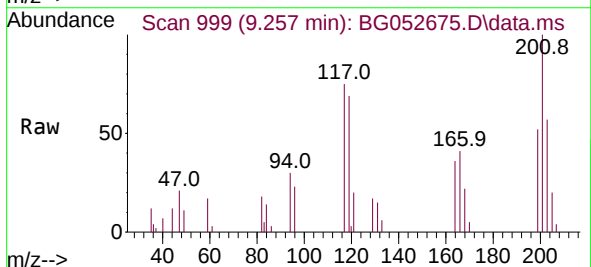
Tgt Ion:117 Resp: 9275

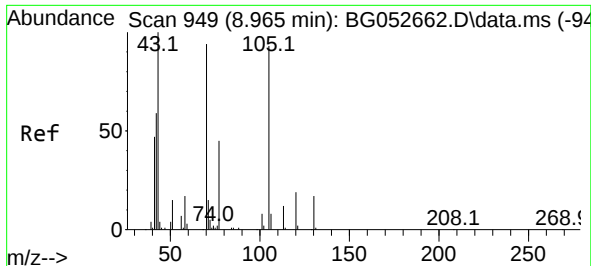
Ion Ratio Lower Upper

117 100

119 92.1 75.1 112.7

201 133.9 96.6 145.0

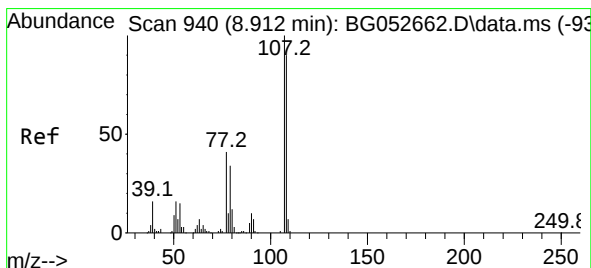
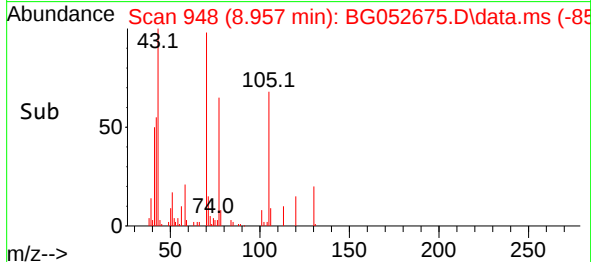
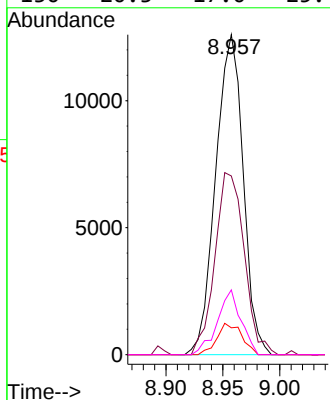
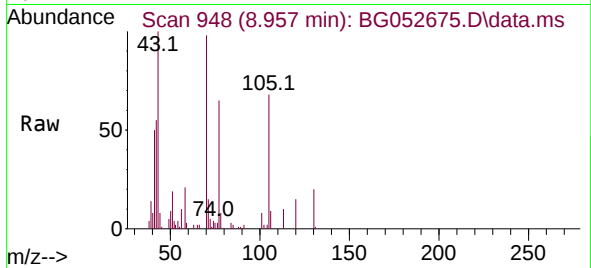




#19
n-Nitroso-di-n-propylamine
Concen: 9.413 ng
RT: 8.957 min Scan# 949
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

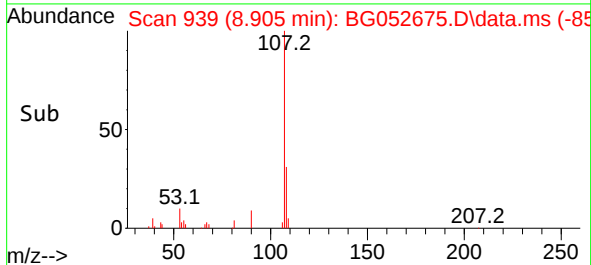
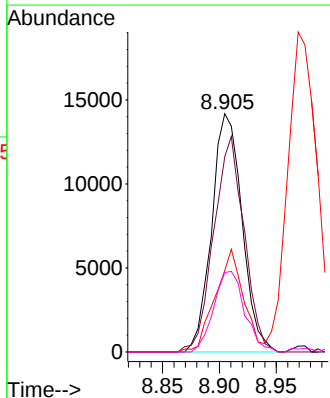
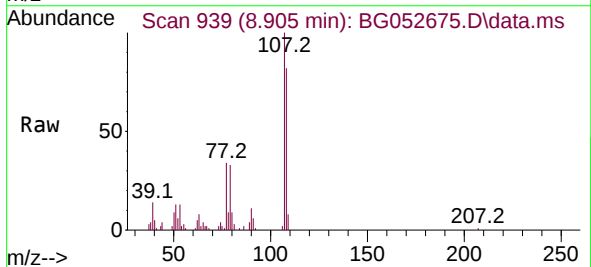
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

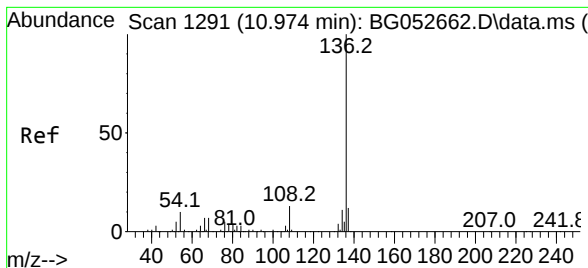
Tgt Ion:	70	Resp:	21167
Ion	Ratio	Lower	Upper
70	100		
42	55.8	46.0	69.0
101	8.4	6.2	9.4
130	20.3	17.0	25.4



#20
3+4-Methylphenols
Concen: 8.985 ng
RT: 8.905 min Scan# 939
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:	107	Resp:	26273
Ion	Ratio	Lower	Upper
107	100		
108	82.0	64.8	104.8
77	34.2	15.9	55.9
79	33.3	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.967 min Scan# 11

Delta R.T. -0.007 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion:136 Resp: 148308

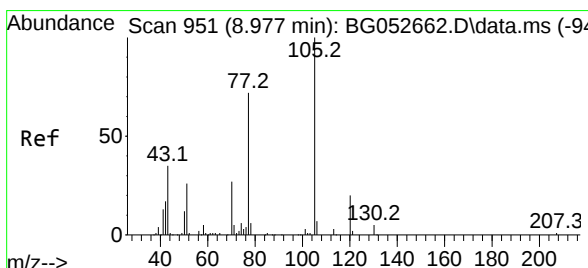
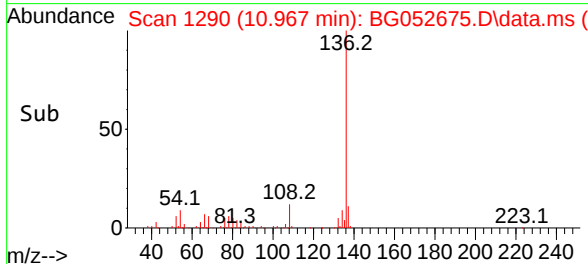
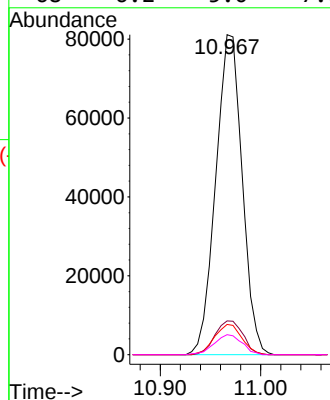
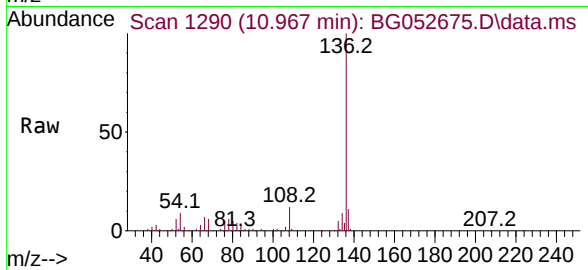
Ion Ratio Lower Upper

136 100

137 10.6 9.4 14.2

54 9.5 6.4 9.6

68 6.2 5.0 7.6



#22

Acetophenone

Concen: 10.019 ng

RT: 8.975 min Scan# 951

Delta R.T. -0.002 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Tgt Ion:105 Resp: 38451

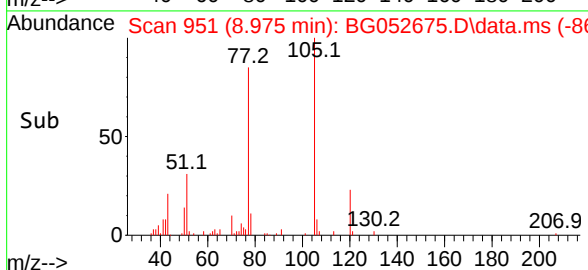
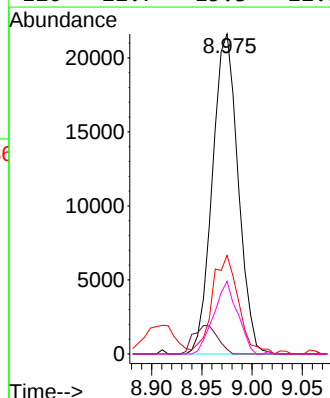
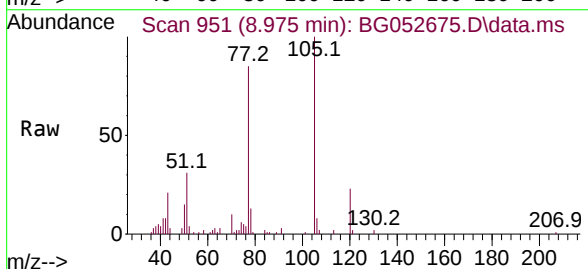
Ion Ratio Lower Upper

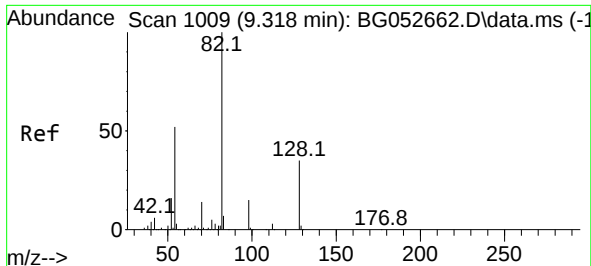
105 100

71 1.4 2.1 3.1#

51 30.8 21.9 32.9

120 22.7 15.3 22.9





#23

Nitrobenzene-d5

Concen: 71.077 ng

RT: 9.316 min Scan# 1009

Delta R.T. -0.002 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

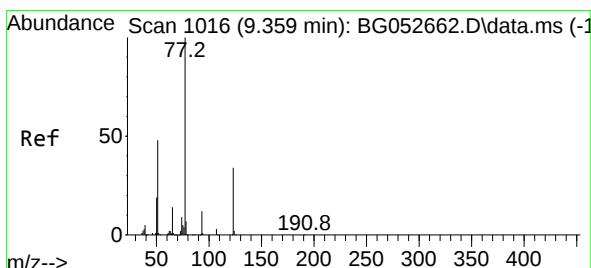
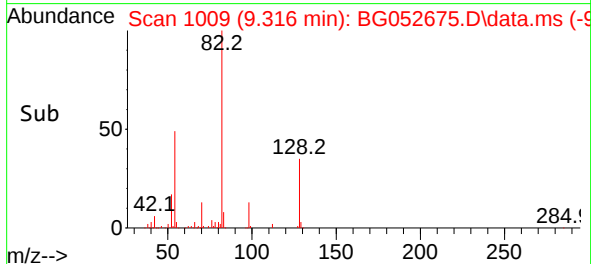
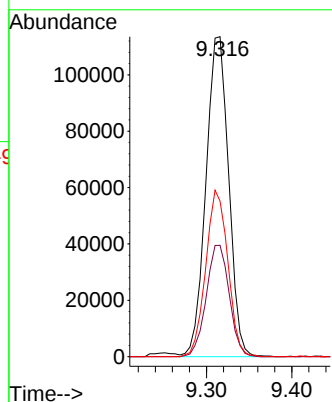
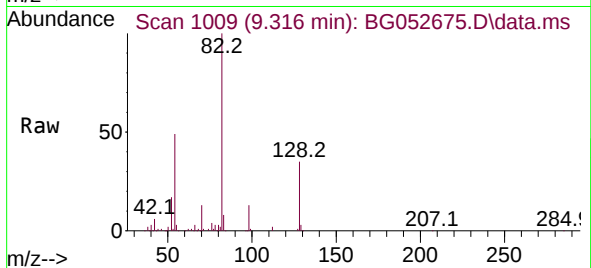
Tgt Ion: 82 Resp: 210026

Ion Ratio Lower Upper

82 100

128 34.8 31.3 46.9

54 48.6 37.8 56.8



#24

Nitrobenzene

Concen: 10.347 ng

RT: 9.357 min Scan# 1016

Delta R.T. -0.002 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

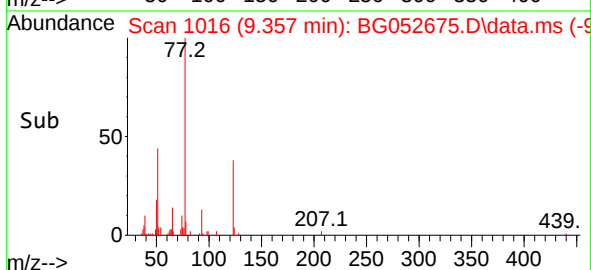
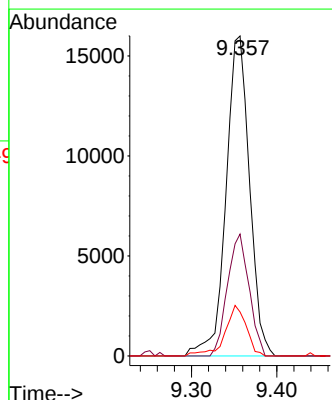
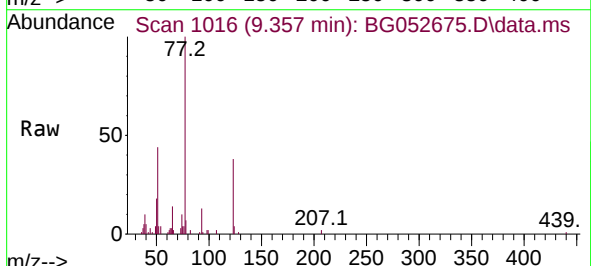
Tgt Ion: 77 Resp: 30591

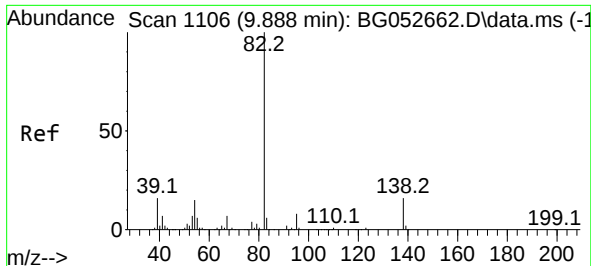
Ion Ratio Lower Upper

77 100

123 38.1 34.4 51.6

65 13.8 11.2 16.8

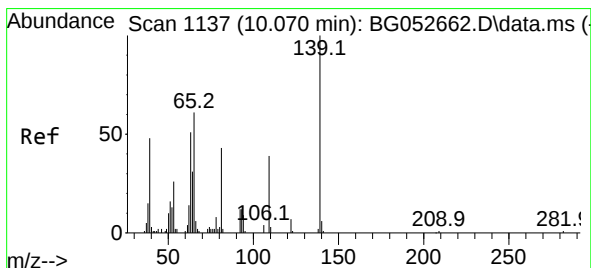
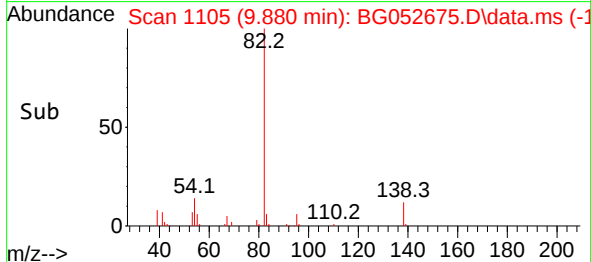
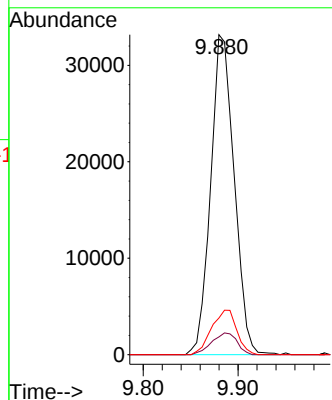
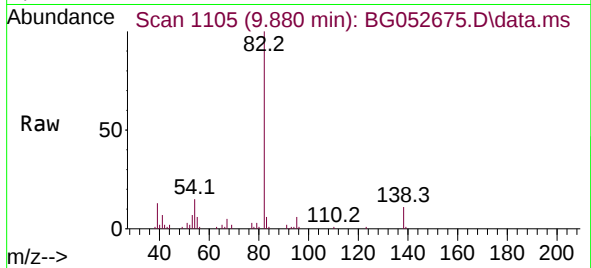




#25
Isophorone
Concen: 9.997 ng
RT: 9.880 min Scan# 1106
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

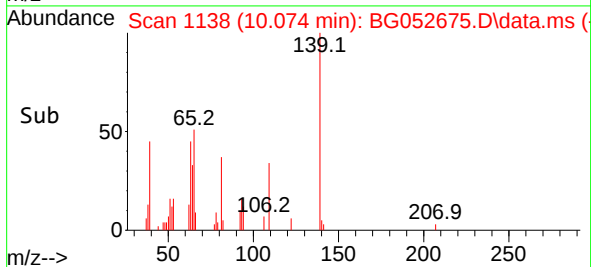
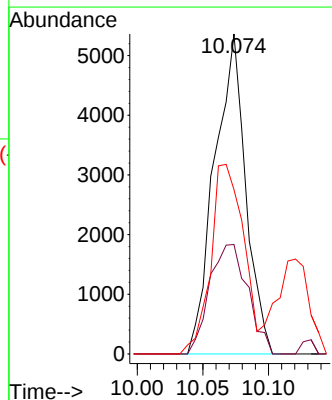
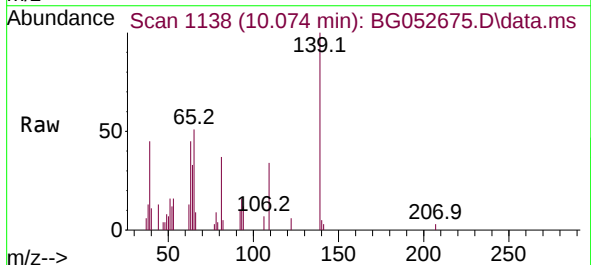
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT1-2022

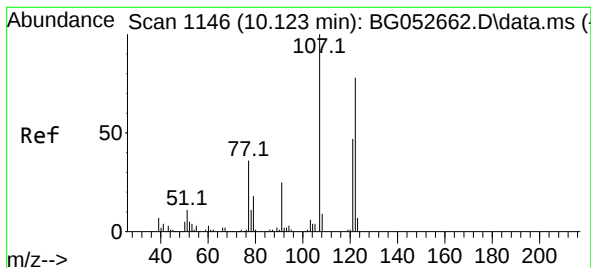
Tgt Ion: 82 Resp: 57200
Ion Ratio Lower Upper
82 100
95 5.6 5.8 8.6#
138 11.5 12.6 18.8#



#26
2-Nitrophenol
Concen: 8.611 ng
RT: 10.074 min Scan# 1138
Delta R.T. 0.004 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion: 139 Resp: 8841
Ion Ratio Lower Upper
139 100
109 34.2 29.4 44.0
65 51.4 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 10.451 ng

RT: 10.121 min Scan# 1146

Delta R.T. -0.002 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

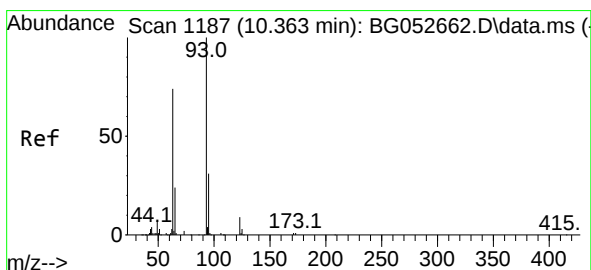
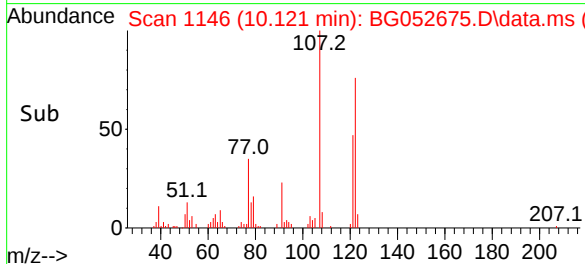
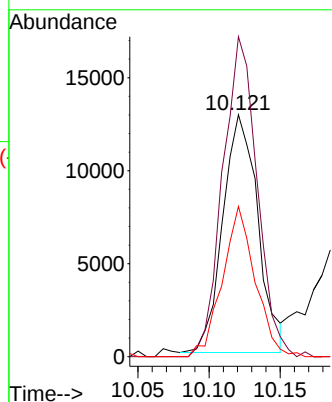
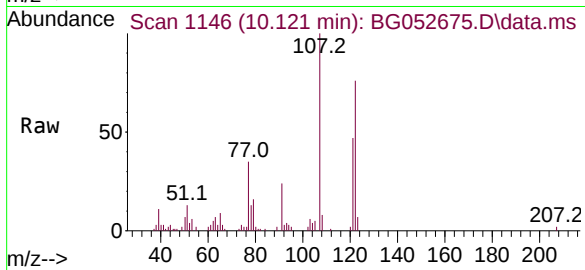
Tgt Ion:122 Resp: 21953

Ion Ratio Lower Upper

122 100

107 132.3 96.7 145.1

121 62.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 9.305 ng

RT: 10.361 min Scan# 1187

Delta R.T. -0.002 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

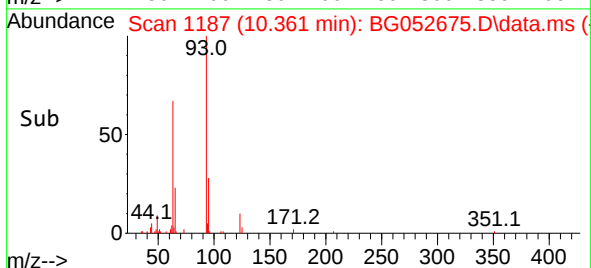
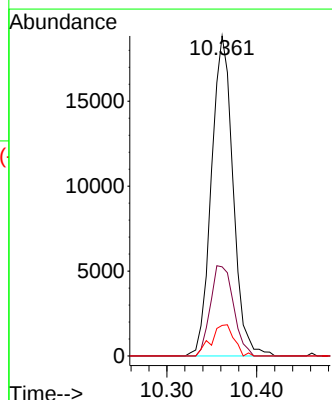
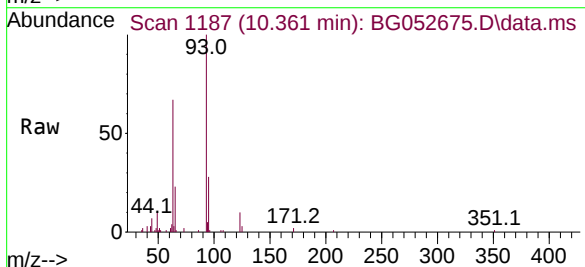
Tgt Ion: 93 Resp: 31479

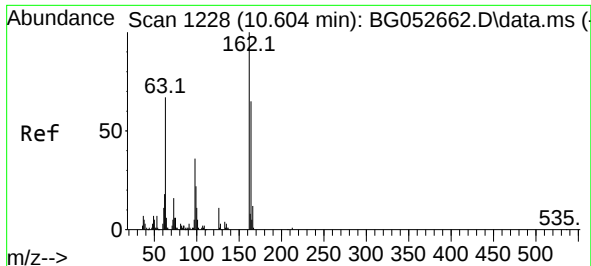
Ion Ratio Lower Upper

93 100

95 27.9 26.5 39.7

123 9.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 9.186 ng

RT: 10.602 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

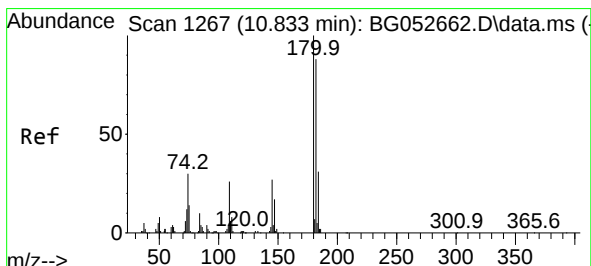
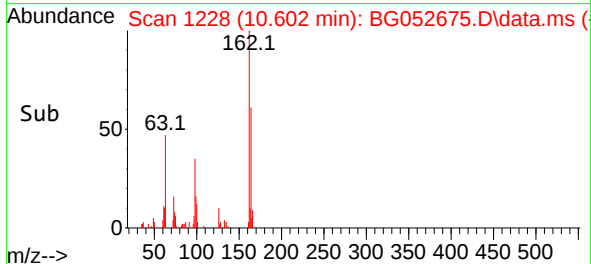
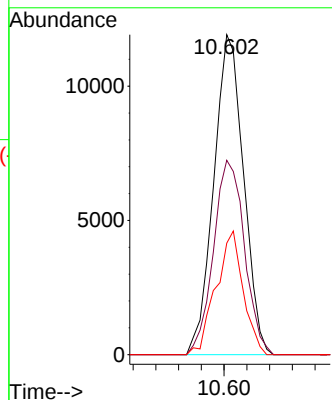
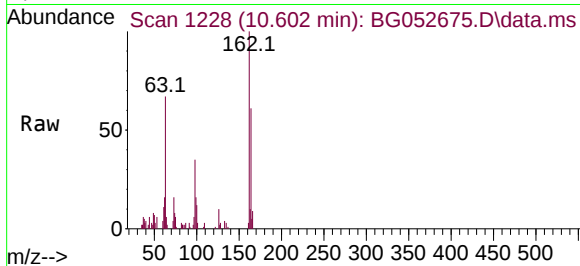
Tgt Ion:162 Resp: 21711

Ion Ratio Lower Upper

162 100

164 60.7 44.0 84.0

98 34.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 9.862 ng

RT: 10.826 min Scan# 1266

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

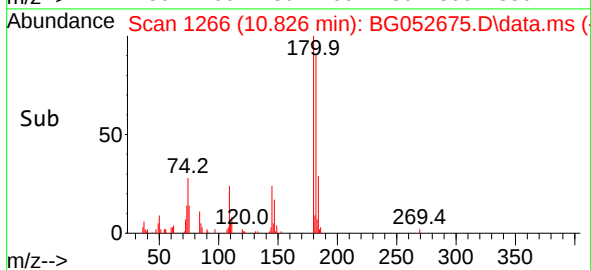
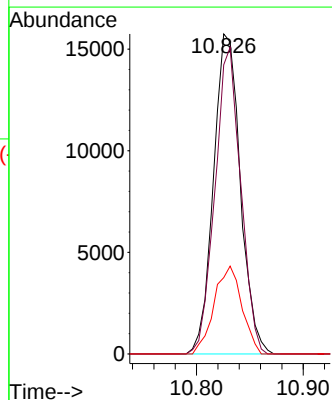
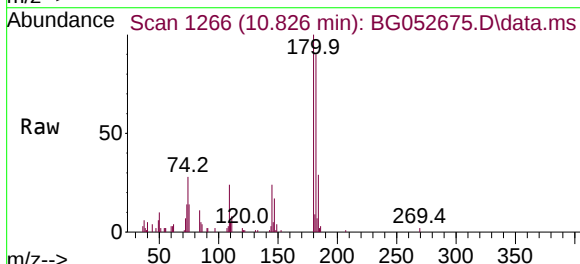
Tgt Ion:180 Resp: 27498

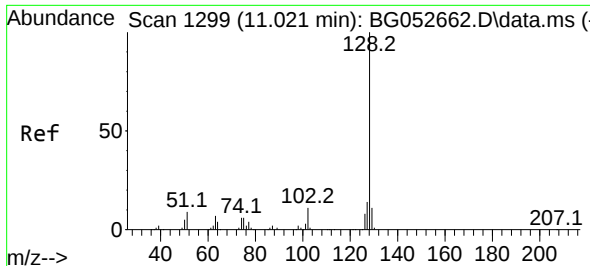
Ion Ratio Lower Upper

180 100

182 90.4 77.8 116.6

145 23.9 24.4 36.6#

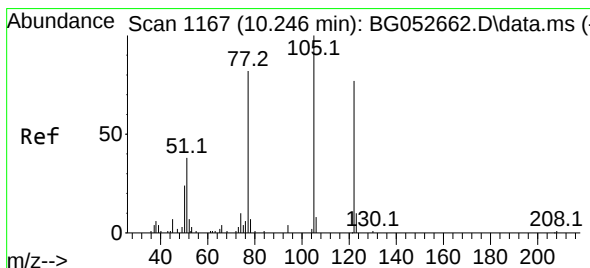
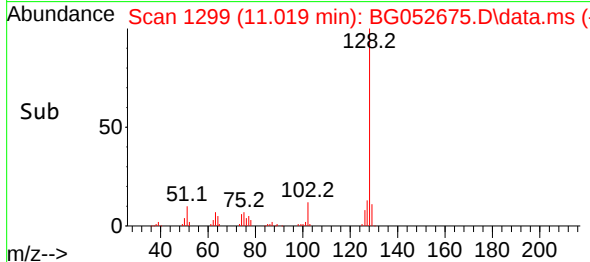
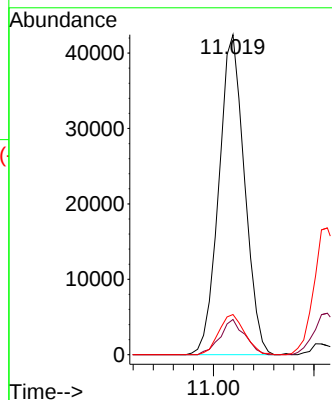
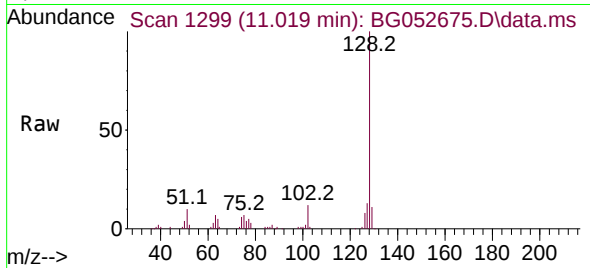




#31
Naphthalene
Concen: 9.786 ng
RT: 11.019 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

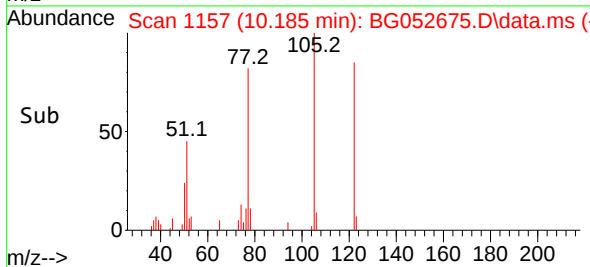
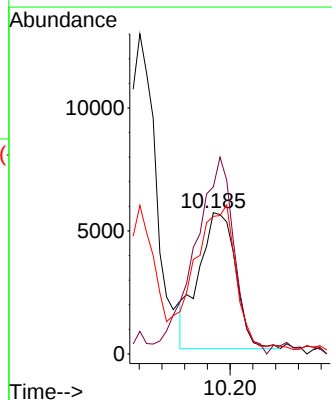
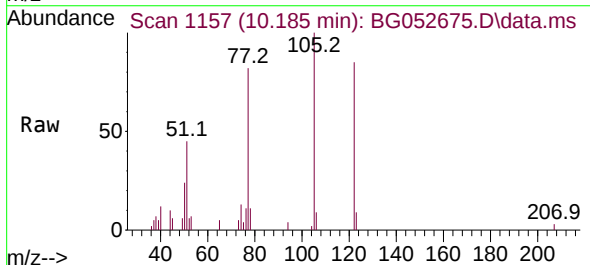
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

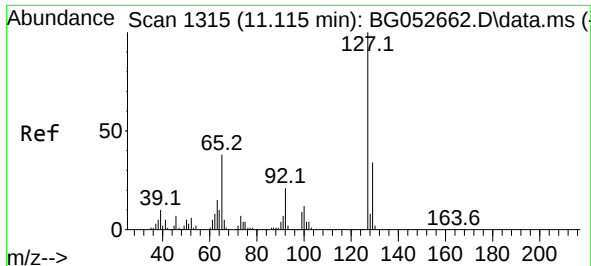
Tgt Ion:128 Resp: 75055
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.5 10.5 15.7



#32
Benzoic acid
Concen: 8.825 ng
RT: 10.185 min Scan# 1157
Delta R.T. -0.061 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:122 Resp: 12459
Ion Ratio Lower Upper
122 100
105 118.3 112.8 152.8
77 97.4 78.4 118.4

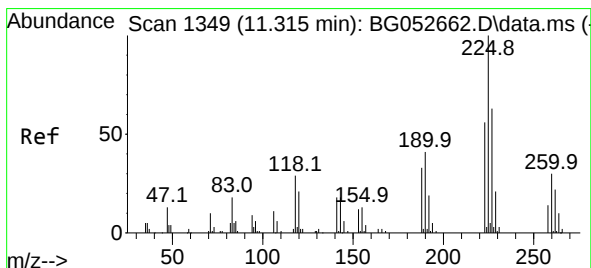
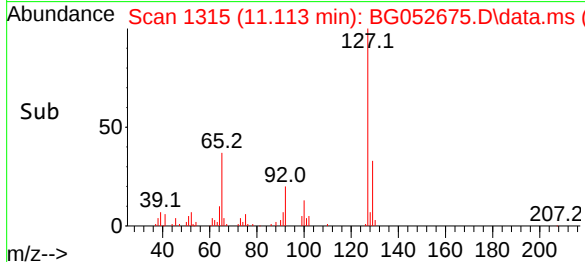
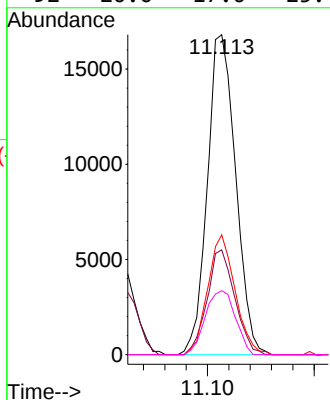
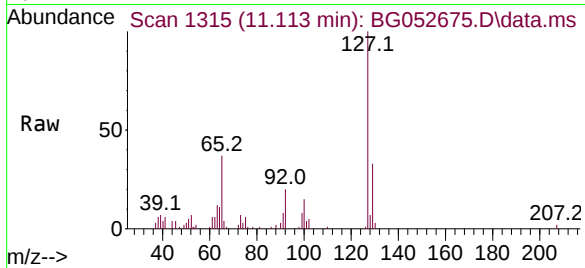




#33
4-Chloroaniline
Concen: 9.541 ng
RT: 11.113 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

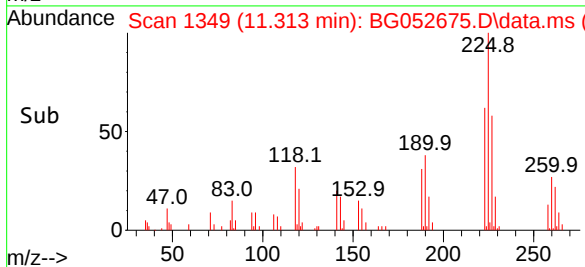
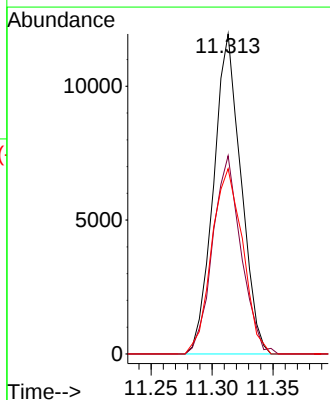
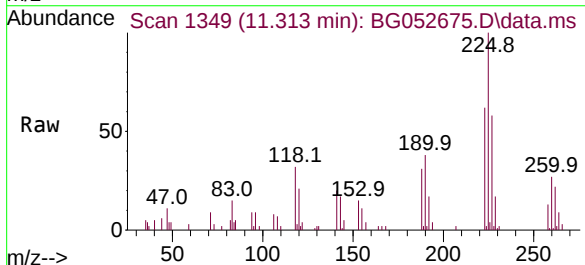
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

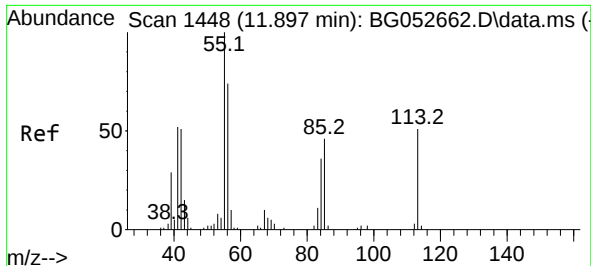
Tgt Ion:127	Resp:	31013
Ion Ratio	Lower	Upper
127	100	
129	32.7	27.6 41.4
65	37.5	28.2 42.4
92	20.0	17.0 25.4



#34
Hexachlorobutadiene
Concen: 9.359 ng
RT: 11.313 min Scan# 1349
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

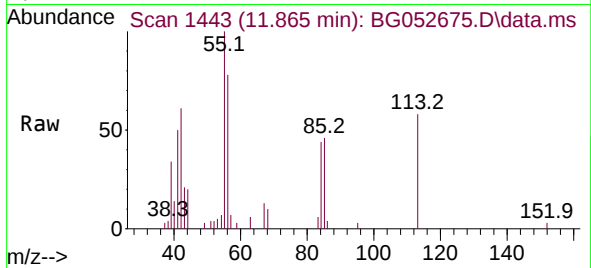
Tgt Ion:225	Resp:	18709
Ion Ratio	Lower	Upper
225	100	
223	62.0	50.2 75.2
227	57.9	52.0 78.0



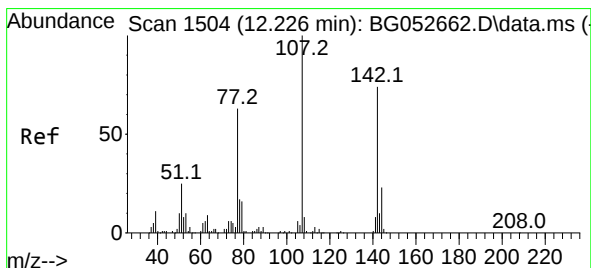
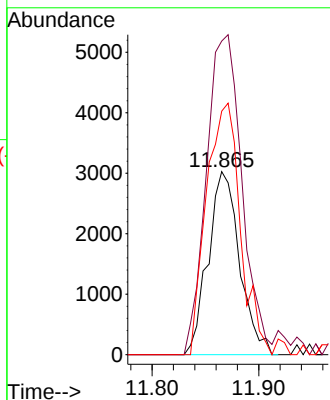
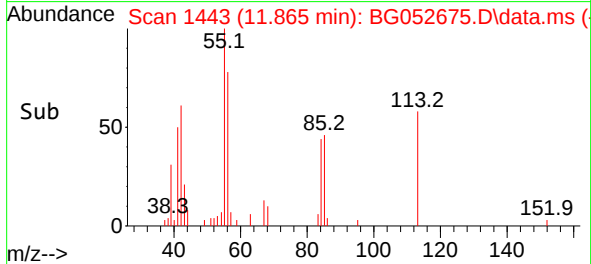


#35
Caprolactam
Concen: 9.596 ng
RT: 11.865 min Scan# 1448
Delta R.T. -0.031 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

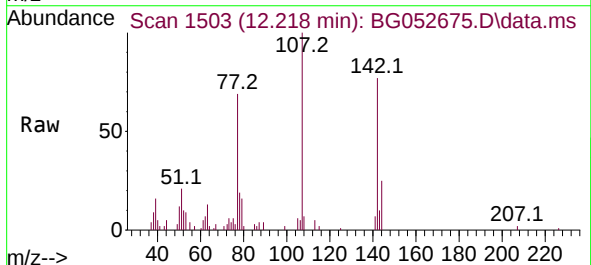
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022



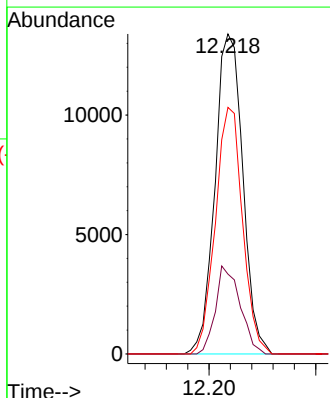
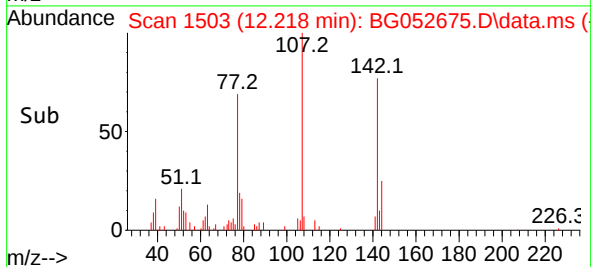
Tgt Ion:113 Resp: 6193
Ion Ratio Lower Upper
113 100
55 171.3 151.3 191.3
56 133.0 128.5 168.5

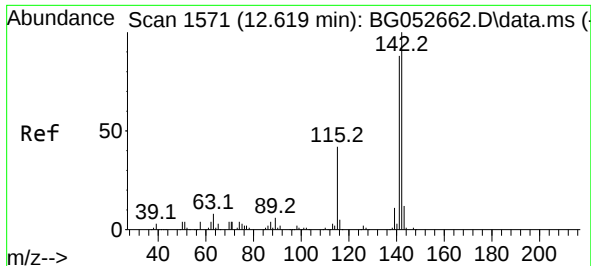


#36
4-Chloro-3-methylphenol
Concen: 8.826 ng
RT: 12.218 min Scan# 1503
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40



Tgt Ion:107 Resp: 24225
Ion Ratio Lower Upper
107 100
144 24.9 21.4 32.0
142 77.1 61.7 92.5

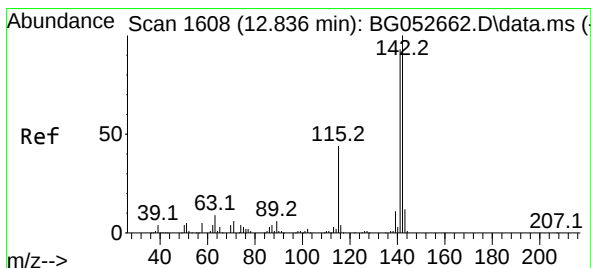
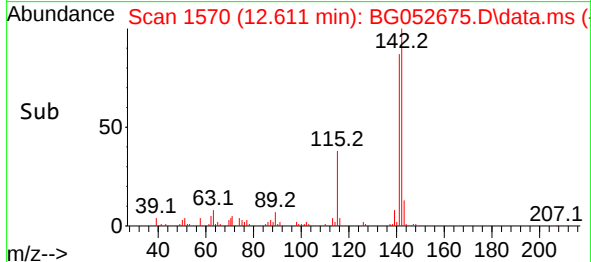
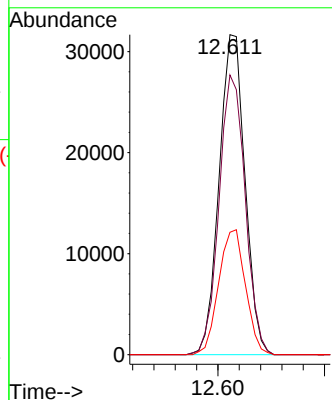
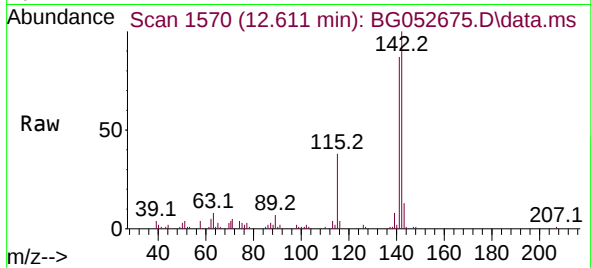




#37
2-Methylnaphthalene
Concen: 9.494 ng
RT: 12.611 min Scan# 1570
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

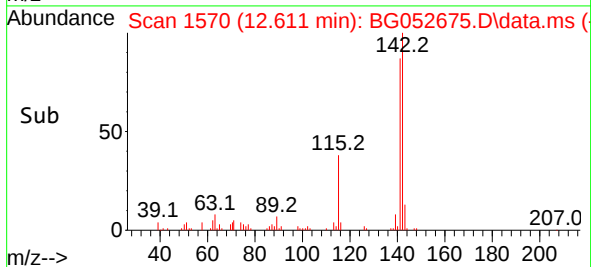
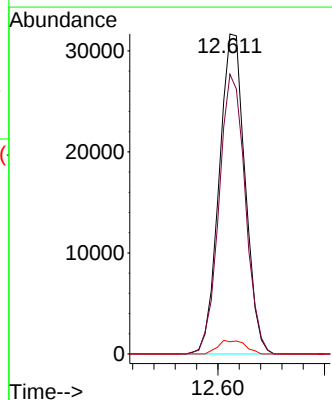
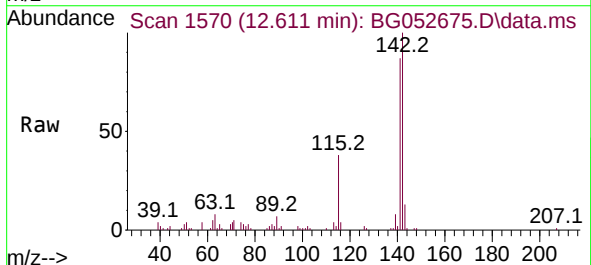
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

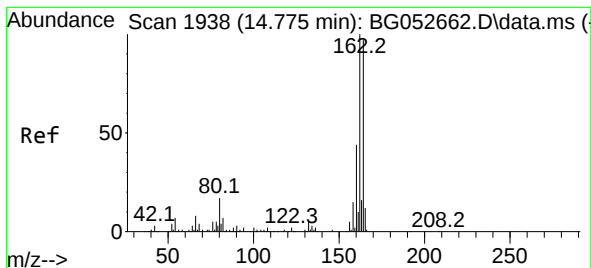
Tgt Ion:142 Resp: 53324
Ion Ratio Lower Upper
142 100
141 87.4 71.3 106.9
115 38.3 29.5 44.3



#38
1-Methylnaphthalene
Concen: 9.728 ng
RT: 12.611 min Scan# 1570
Delta R.T. -0.225 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:142 Resp: 53324
Ion Ratio Lower Upper
142 100
141 87.4 70.5 105.7
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.773 min Scan# 1938

Delta R.T. -0.002 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

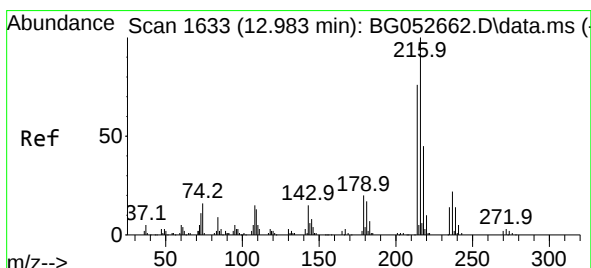
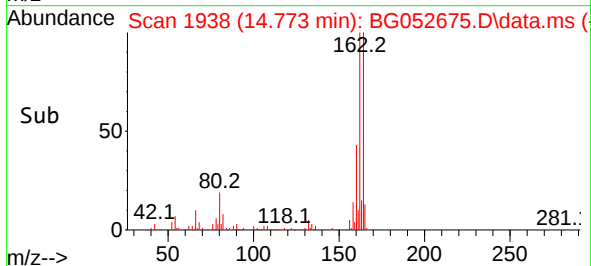
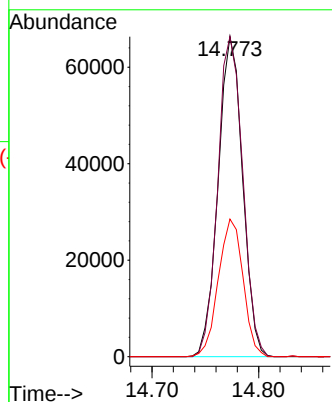
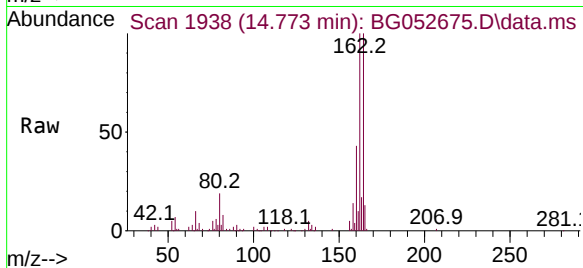
Tgt Ion:164 Resp: 105639

Ion Ratio Lower Upper

164 100

162 100.0 80.0 120.0

160 43.0 38.8 58.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.812 ng

RT: 12.976 min Scan# 1632

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Tgt Ion:216 Resp: 32385

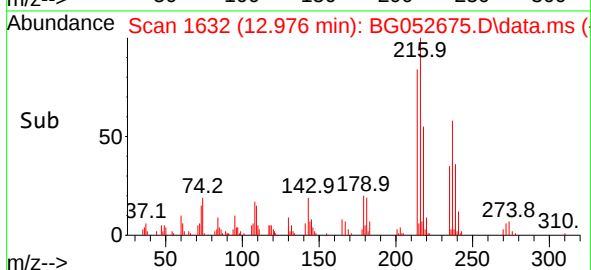
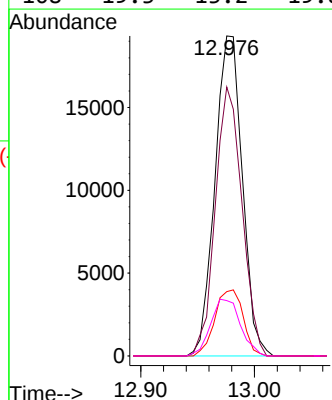
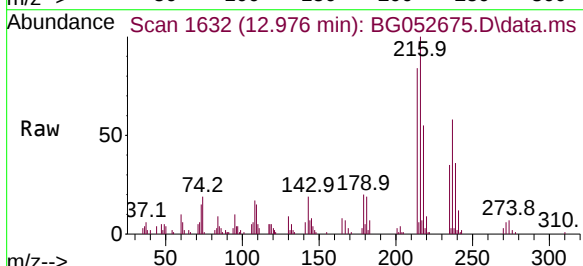
Ion Ratio Lower Upper

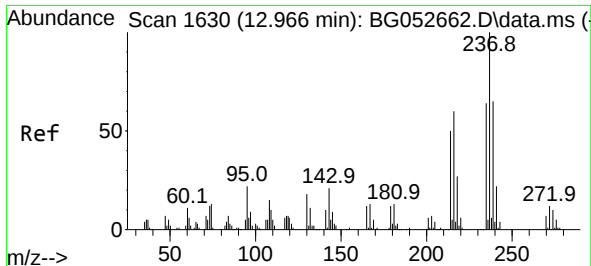
216 100

214 81.8 63.8 95.6

179 21.3 15.7 23.5

108 19.3 13.2 19.8

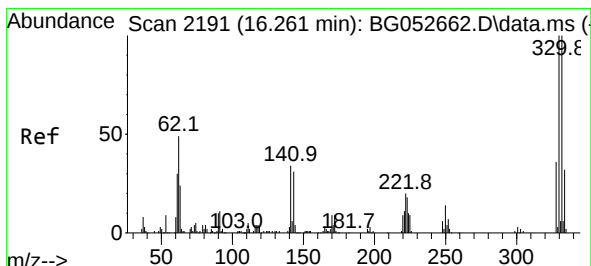
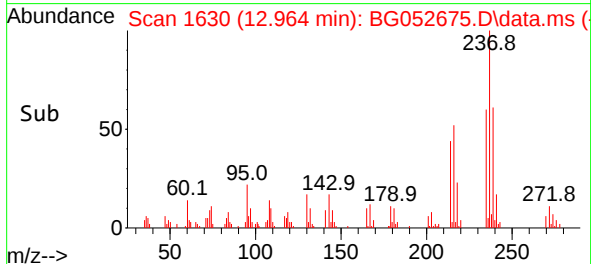
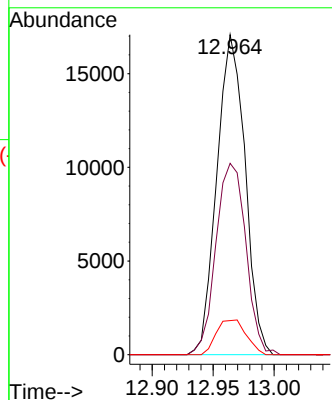
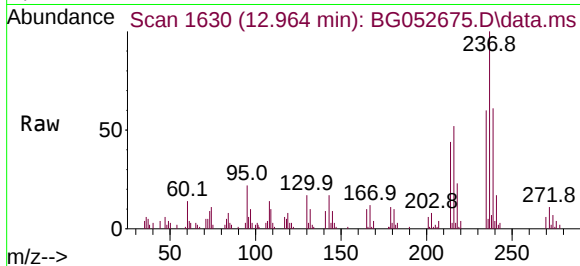




#41
Hexachlorocyclopentadiene
Concen: 14.067 ng
RT: 12.964 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

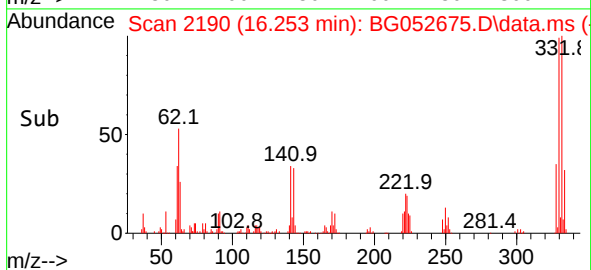
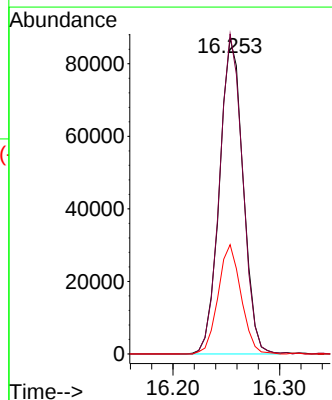
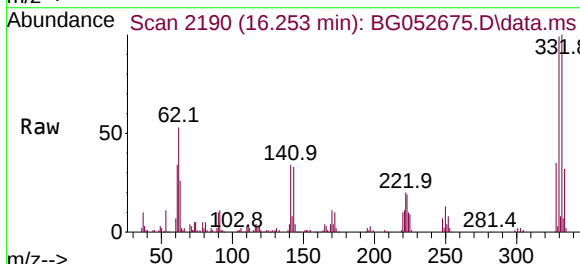
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

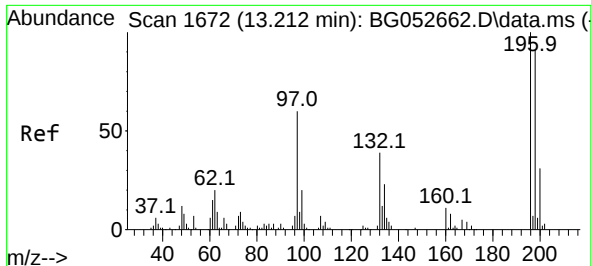
Tgt Ion:	237	Resp:	27520
Ion	Ratio	Lower	Upper
237	100		
235	59.8	37.7	77.7
272	10.7	0.0	30.7



#42
2,4,6-Tribromophenol
Concen: 93.974 ng
RT: 16.253 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:	330	Resp:	133397
Ion	Ratio	Lower	Upper
330	100		
332	99.5	75.8	113.6
141	33.6	24.6	36.8





#43

2,4,6-Trichlorophenol

Concen: 9.056 ng

RT: 13.205 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

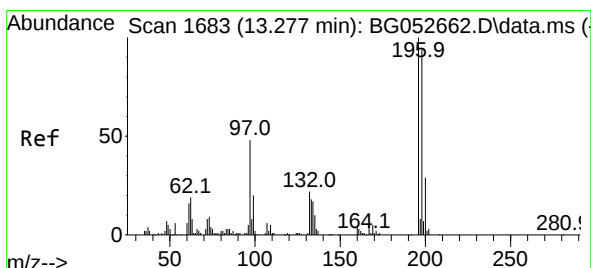
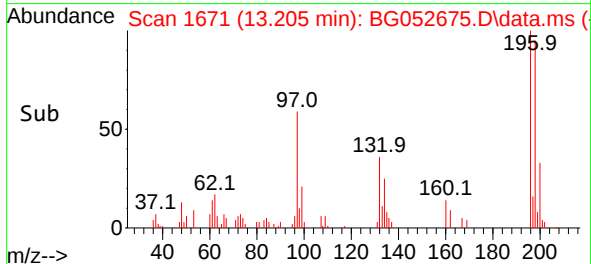
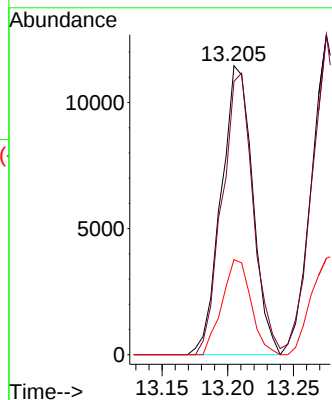
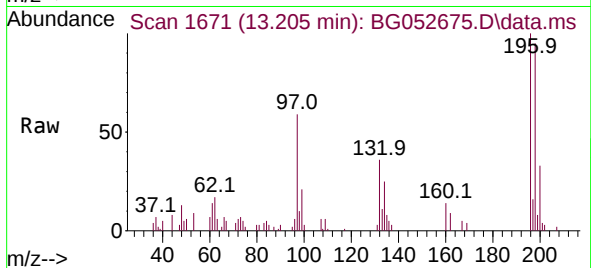
Tgt Ion:196 Resp: 19140

Ion Ratio Lower Upper

196 100

198 94.6 78.8 118.2

200 32.9 25.1 37.7



#44

2,4,5-Trichlorophenol

Concen: 9.330 ng

RT: 13.275 min Scan# 1683

Delta R.T. -0.002 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Tgt Ion:196 Resp: 20015

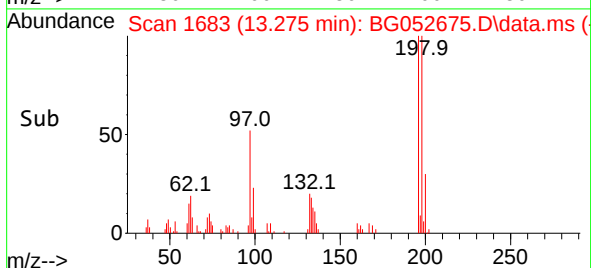
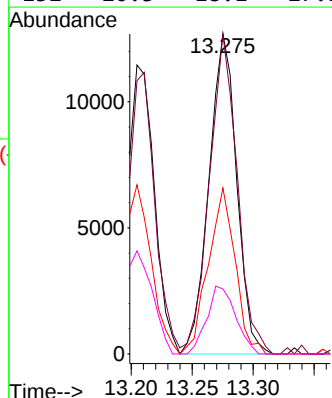
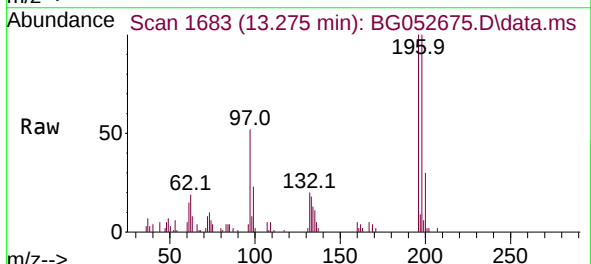
Ion Ratio Lower Upper

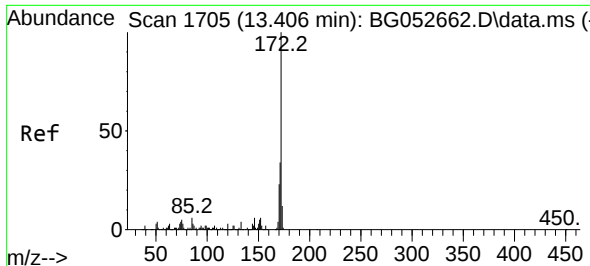
196 100

198 99.9 75.8 113.6

97 51.8 36.5 54.7

132 20.3 18.1 27.1

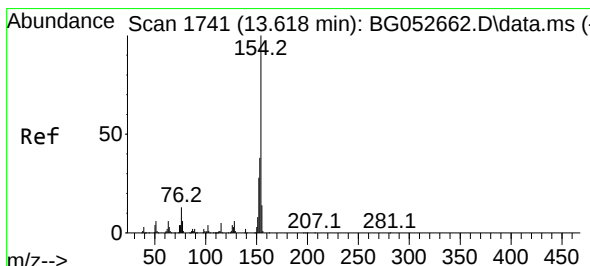
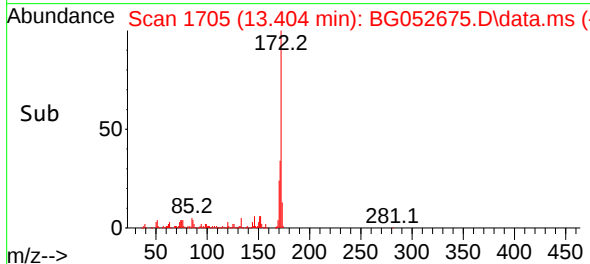
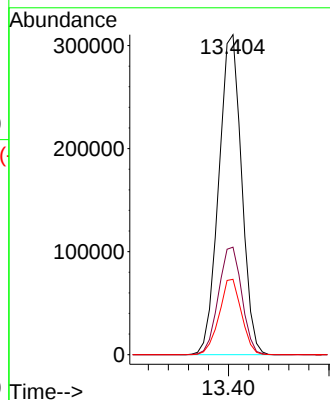
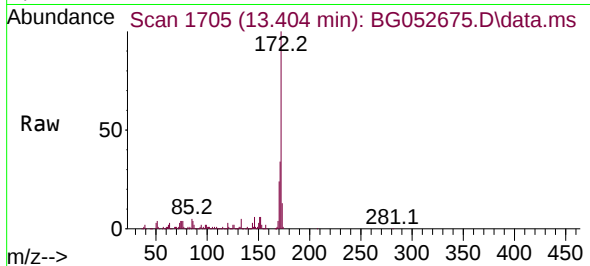




#45
2-Fluorobiphenyl
Concen: 68.364 ng
RT: 13.404 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

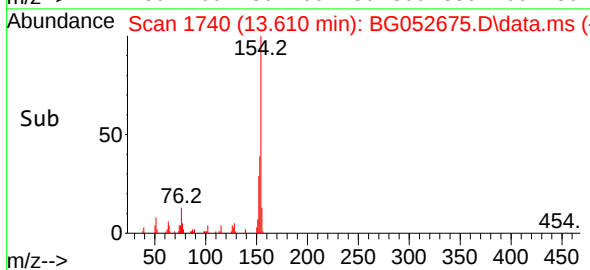
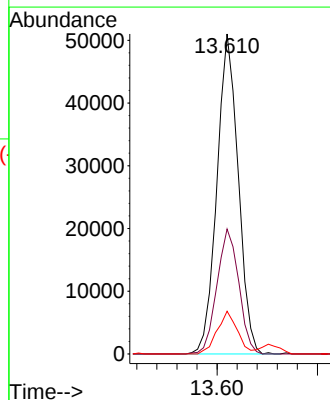
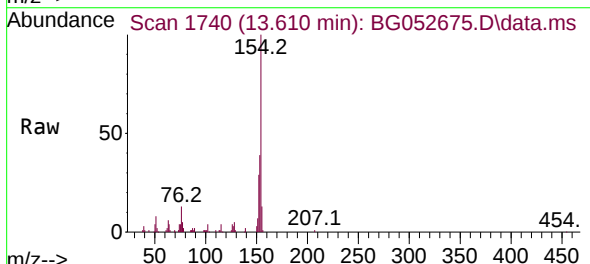
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

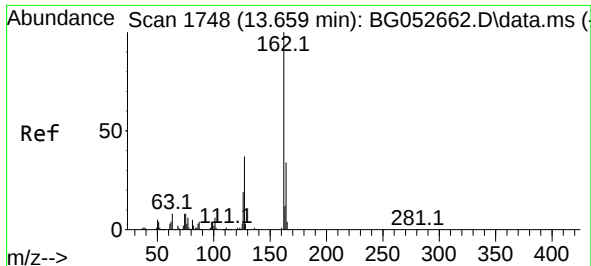
Tgt Ion:172 Resp: 489674
Ion Ratio Lower Upper
172 100
171 33.6 28.3 42.5
170 23.5 18.0 27.0



#46
1,1'-Biphenyl
Concen: 10.175 ng
RT: 13.610 min Scan# 1740
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:154 Resp: 75169
Ion Ratio Lower Upper
154 100
153 39.0 21.6 61.6
76 13.3 0.0 31.5

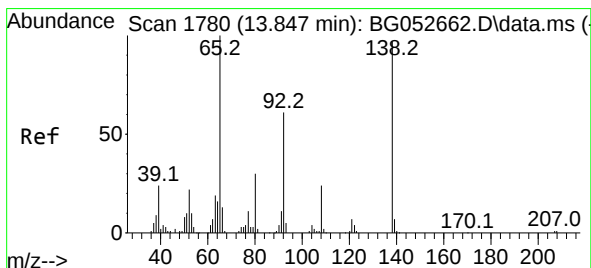
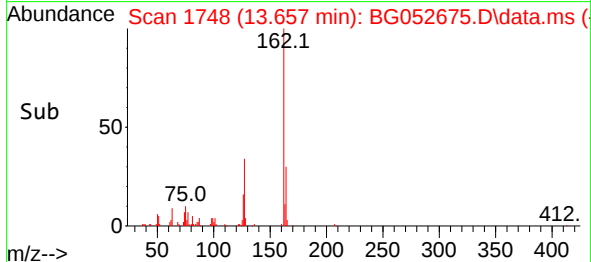
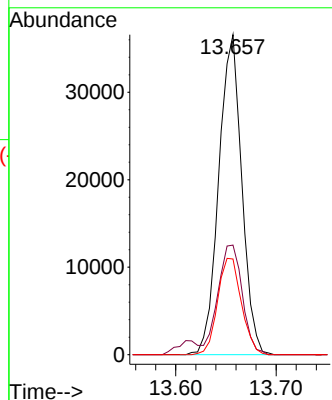
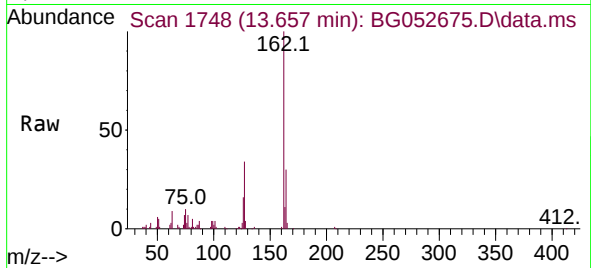




#47
2-Chloronaphthalene
Concen: 9.993 ng
RT: 13.657 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

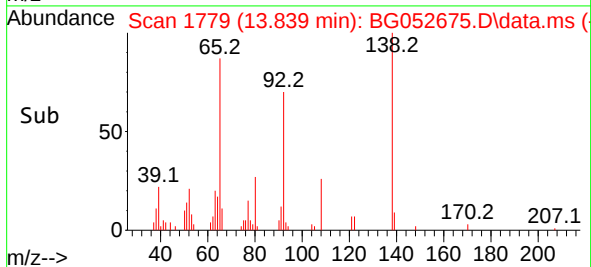
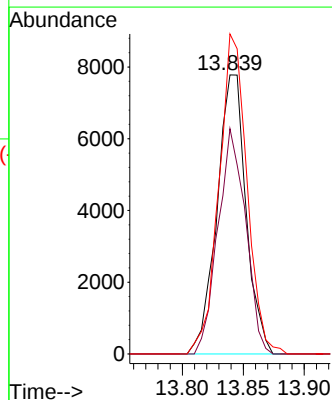
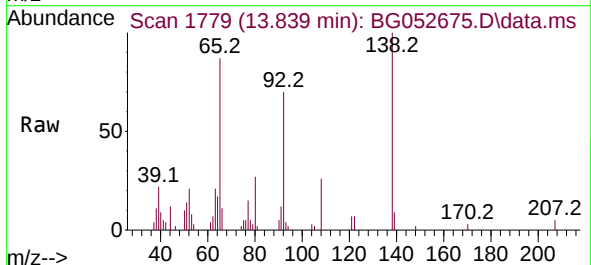
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

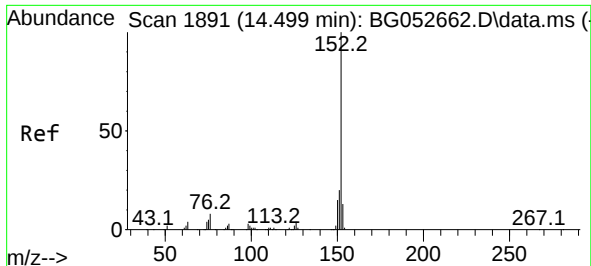
Tgt Ion:162 Resp: 58137
Ion Ratio Lower Upper
162 100
127 34.3 28.1 42.1
164 29.9 26.0 39.0



#48
2-Nitroaniline
Concen: 8.110 ng
RT: 13.839 min Scan# 1779
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion: 65 Resp: 12904
Ion Ratio Lower Upper
65 100
92 80.7 52.1 78.1#
138 114.7 80.1 120.1

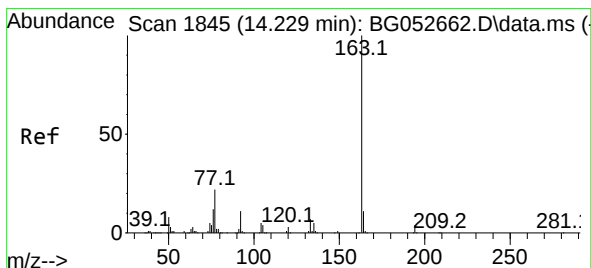
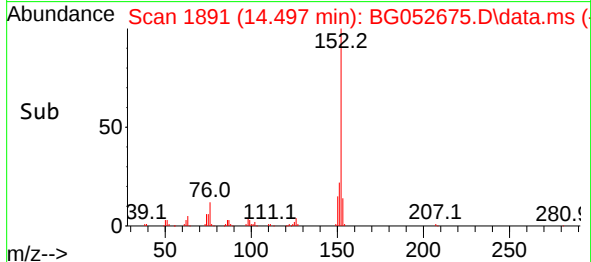
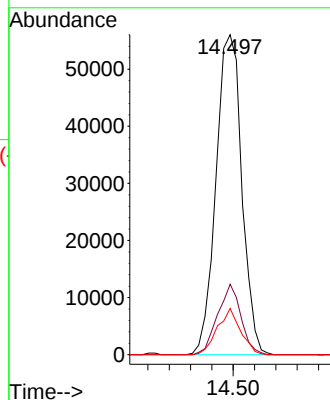
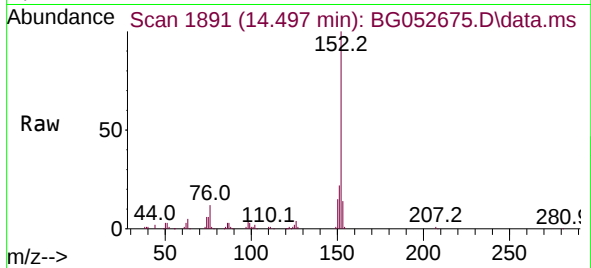




#49
Acenaphthylene
Concen: 10.148 ng
RT: 14.497 min Scan# 1891
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

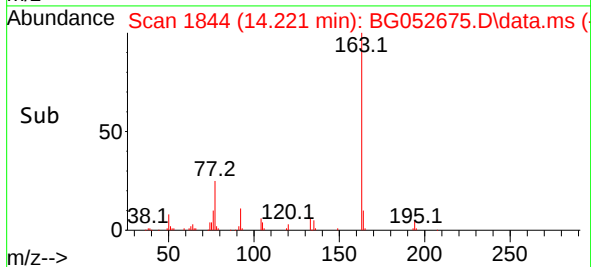
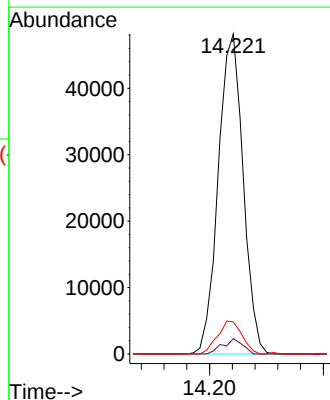
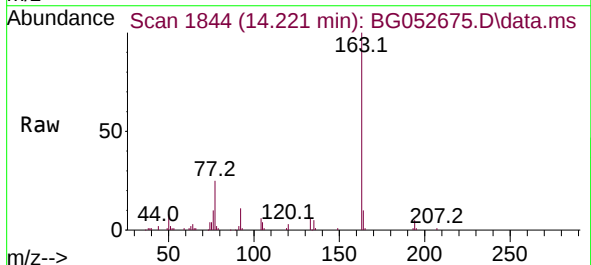
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT1-2022

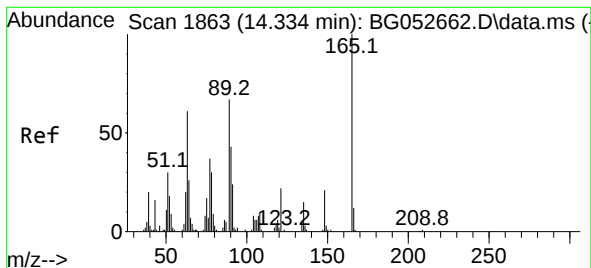
Tgt Ion:152	Resp:	94115
Ion Ratio	Lower	Upper
152	100	
151	22.0	15.8 23.6
153	14.4	10.6 15.8



#50
Dimethylphthalate
Concen: 9.317 ng
RT: 14.221 min Scan# 1844
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:163	Resp:	73151
Ion Ratio	Lower	Upper
163	100	
194	4.8	3.3 4.9
164	10.0	8.5 12.7

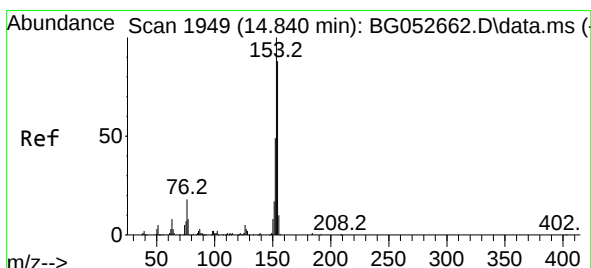
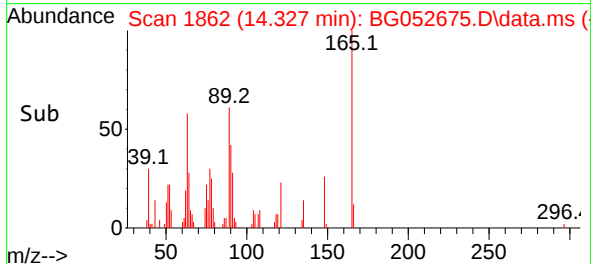
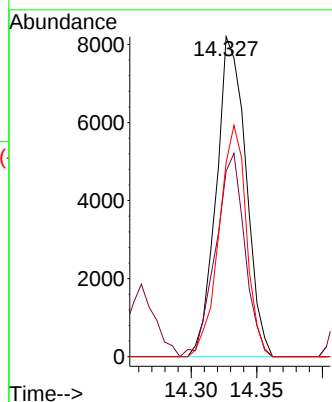
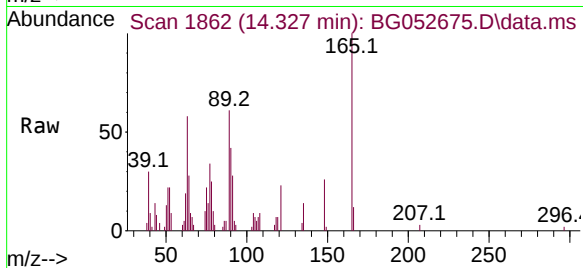




#51
2,6-Dinitrotoluene
Concen: 9.696 ng
RT: 14.327 min Scan# 1862
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

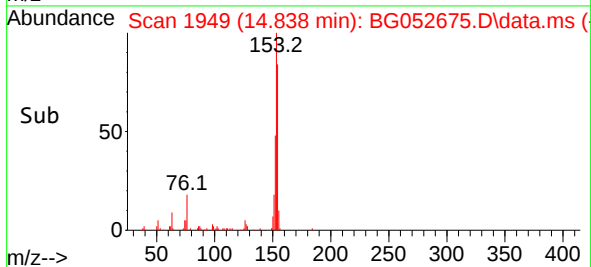
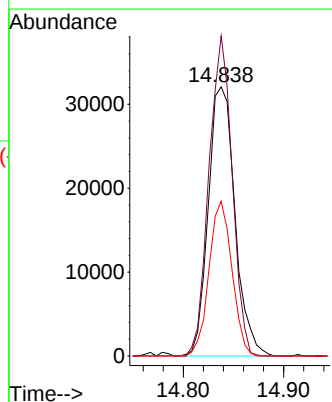
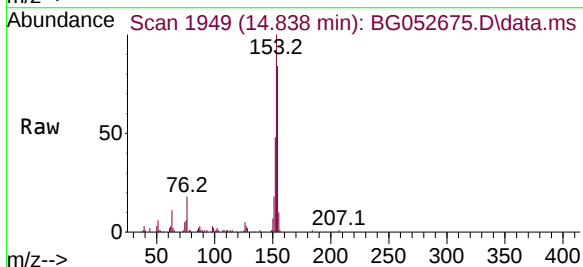
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

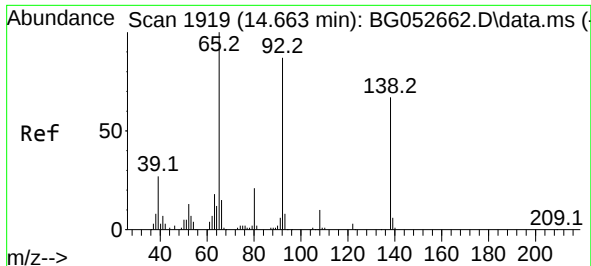
Tgt Ion:165 Resp: 12853
Ion Ratio Lower Upper
165 100
63 58.0 43.7 65.5
89 60.6 45.0 67.4



#52
Acenaphthene
Concen: 9.988 ng
RT: 14.838 min Scan# 1949
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:154 Resp: 59345
Ion Ratio Lower Upper
154 100
153 118.9 89.0 133.4
152 57.5 40.5 60.7

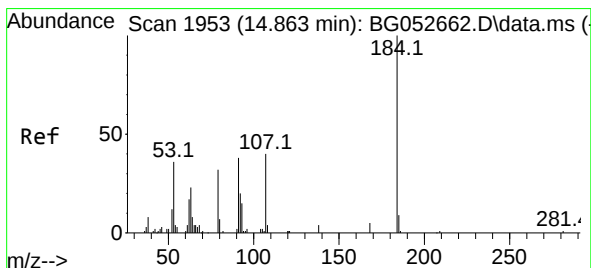
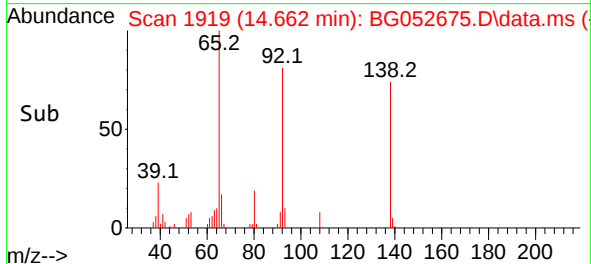
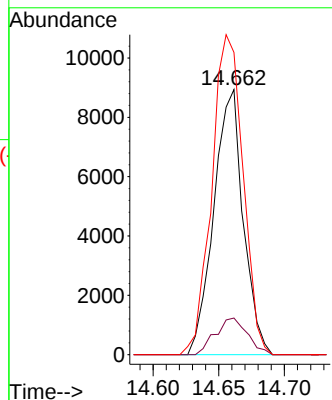
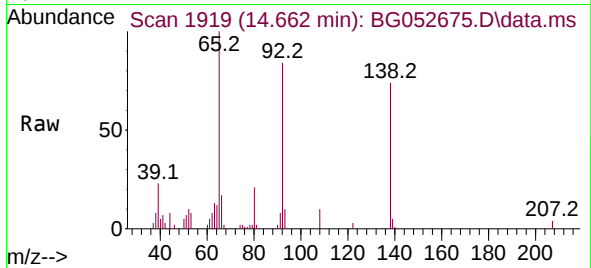




#53
3-Nitroaniline
Concen: 8.981 ng
RT: 14.662 min Scan# 1919
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

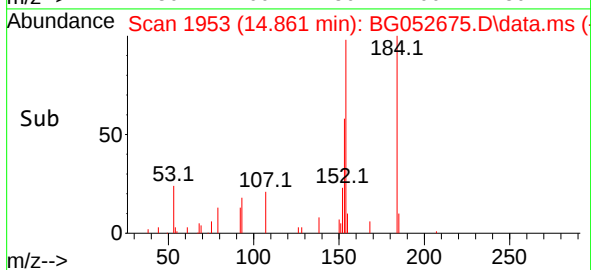
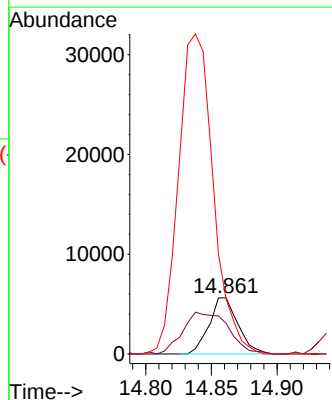
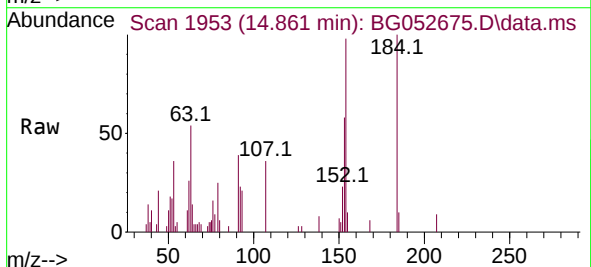
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

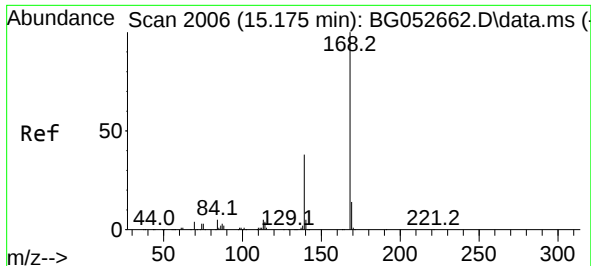
Tgt Ion:138 Resp: 13930
Ion Ratio Lower Upper
138 100
108 13.8 8.0 12.0#
92 114.0 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 11.869 ng
RT: 14.861 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:184 Resp: 8576
Ion Ratio Lower Upper
184 100
63 54.4 51.8 77.6
154 97.7 47.8 71.6#

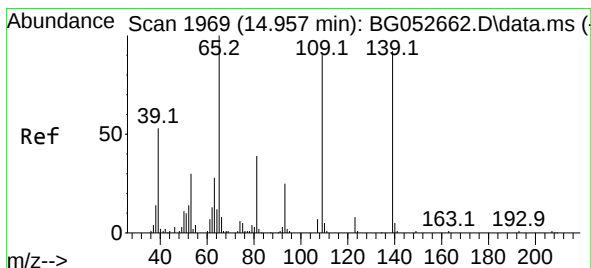
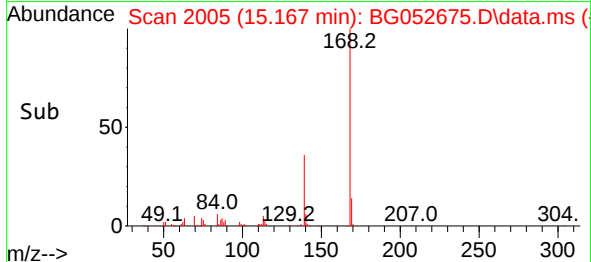
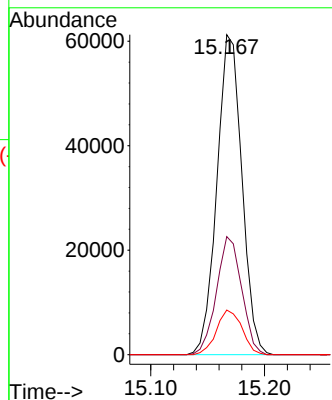
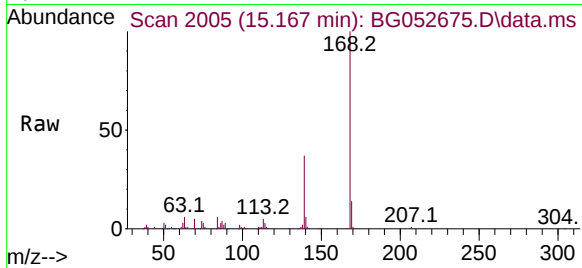




#55
Dibenzofuran
Concen: 9.634 ng
RT: 15.167 min Scan# 20
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

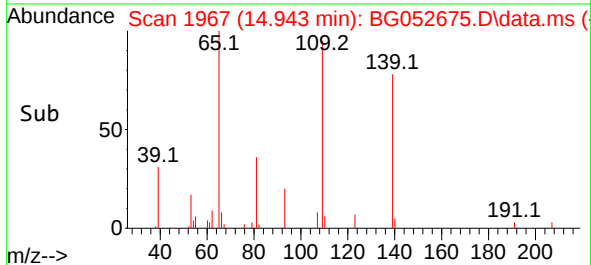
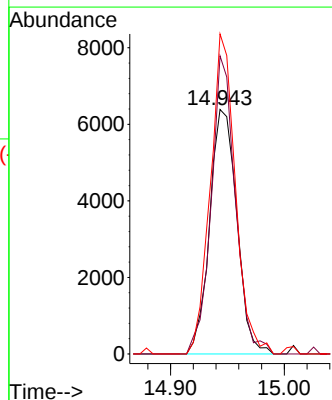
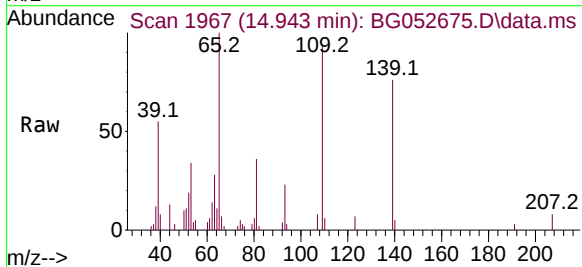
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

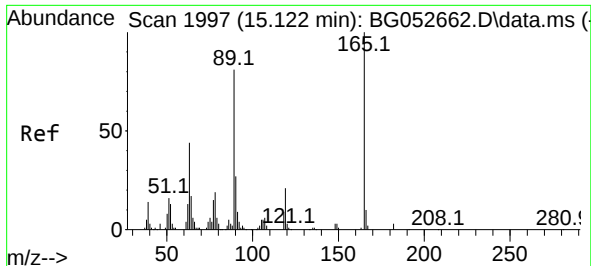
Tgt Ion:168 Resp: 93479
Ion Ratio Lower Upper
168 100
139 36.9 30.2 45.4
169 14.0 10.7 16.1



#56
4-Nitrophenol
Concen: 8.382 ng
RT: 14.943 min Scan# 1967
Delta R.T. -0.014 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:139 Resp: 10606
Ion Ratio Lower Upper
139 100
109 122.0 67.1 107.1#
65 130.9 88.2 128.2#

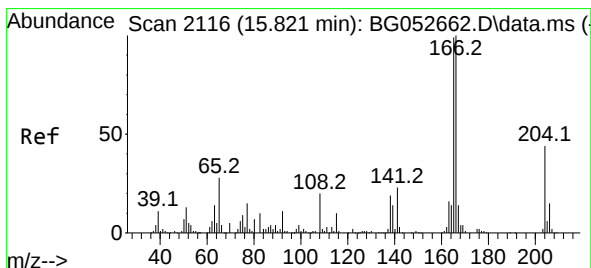
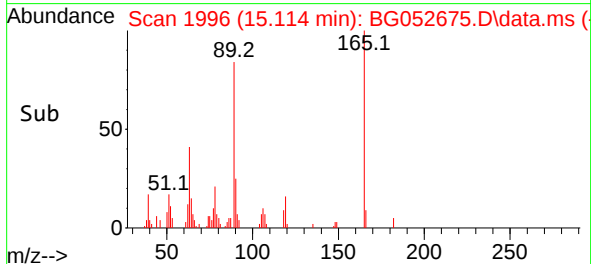
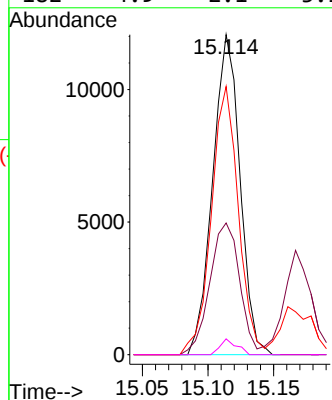
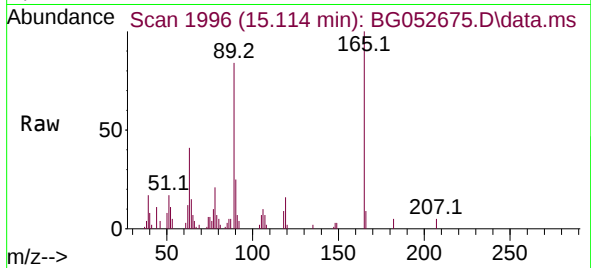




#57
2,4-Dinitrotoluene
Concen: 9.476 ng
RT: 15.114 min Scan# 1996
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

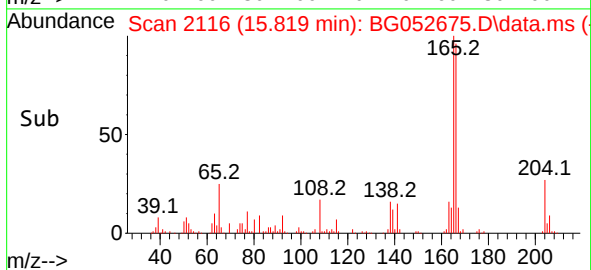
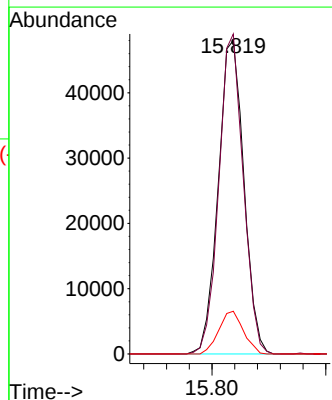
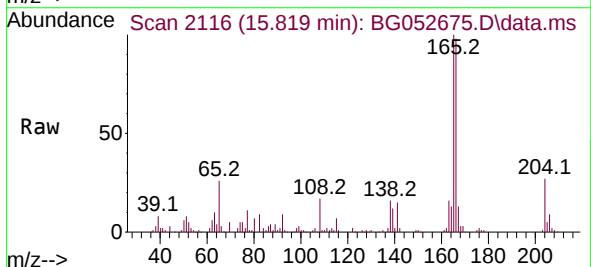
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

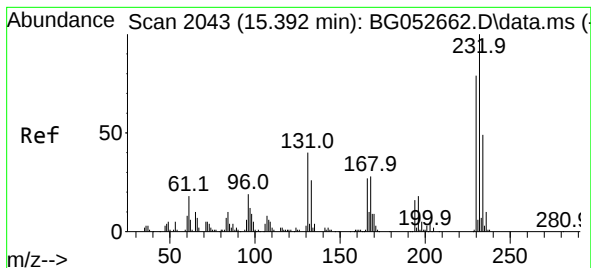
Tgt Ion:165 Resp: 17428
Ion Ratio Lower Upper
165 100
63 41.2 34.8 52.2
89 83.8 57.4 86.0
182 4.9 2.1 3.1#



#58
Fluorene
Concen: 9.491 ng
RT: 15.819 min Scan# 2116
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:166 Resp: 75068
Ion Ratio Lower Upper
166 100
165 102.1 78.6 117.8
167 13.6 10.9 16.3

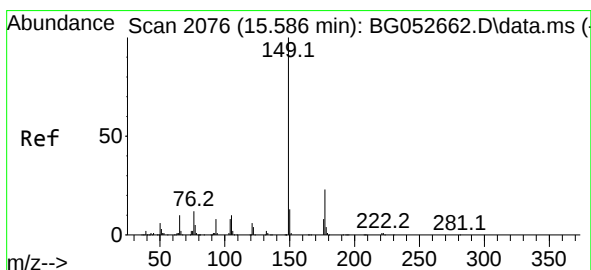
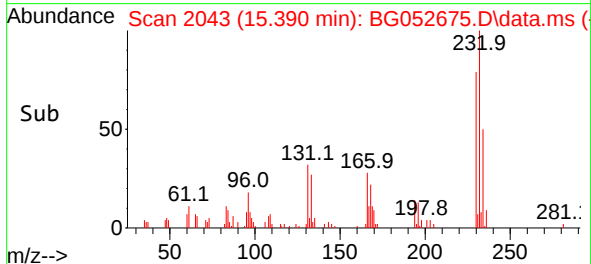
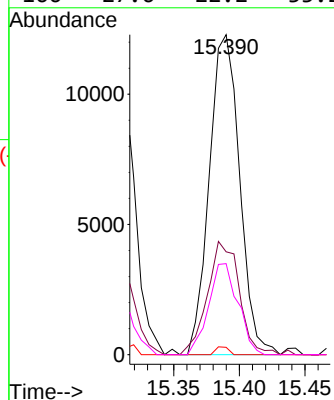
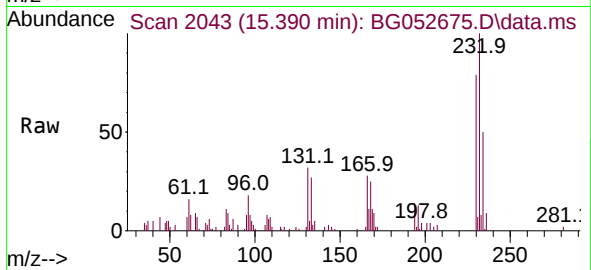




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.621 ng
RT: 15.390 min Scan# 2043
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

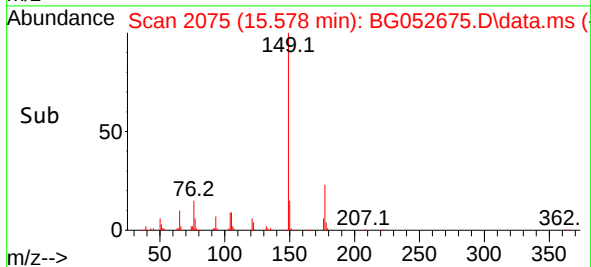
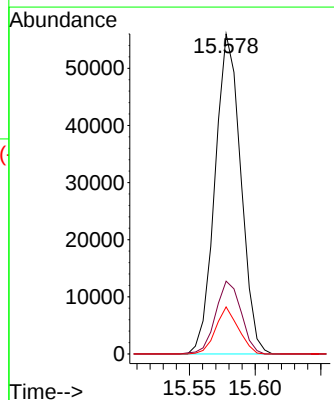
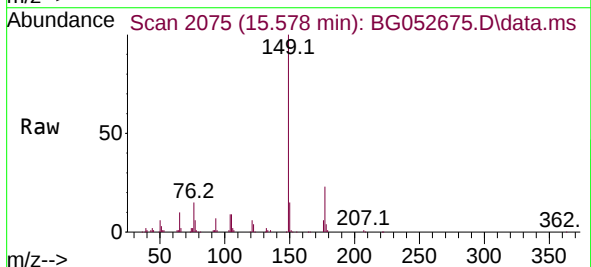
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

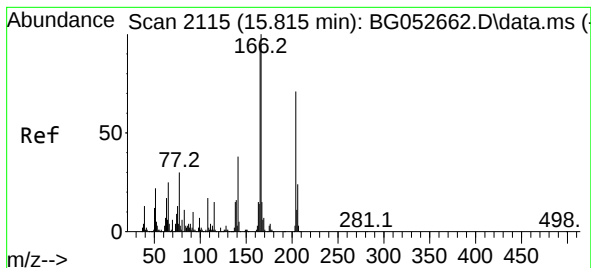
Tgt Ion:	232	Resp:	19769
Ion Ratio	Lower	Upper	
232	100		
131	37.4	30.1	45.1
130	1.0	1.8	2.8
166	27.6	22.2	33.2



#60
Diethylphthalate
Concen: 9.210 ng
RT: 15.578 min Scan# 2075
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:	149	Resp:	76327
Ion Ratio	Lower	Upper	
149	100		
177	22.8	18.2	27.2
150	14.7	9.9	14.9

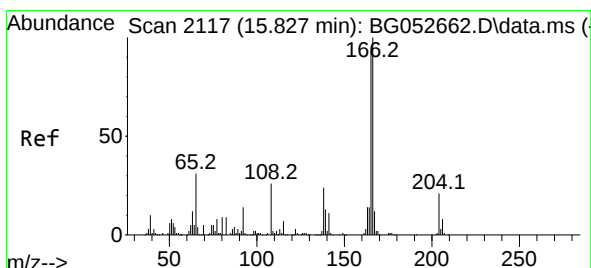
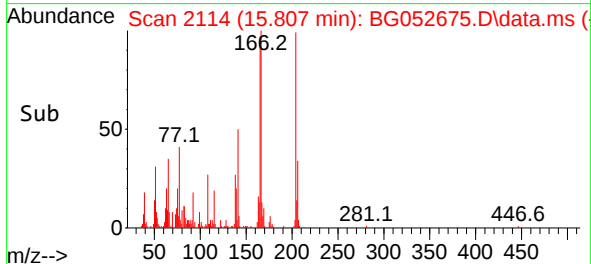
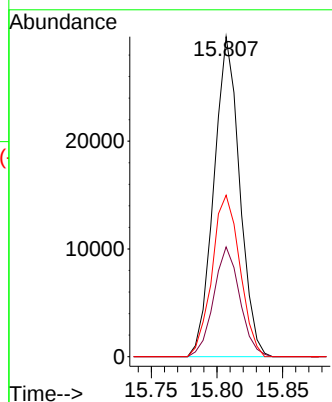
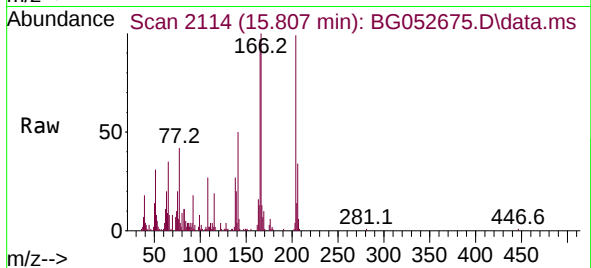




#61
4-Chlorophenyl-phenylether
Concen: 9.276 ng
RT: 15.807 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

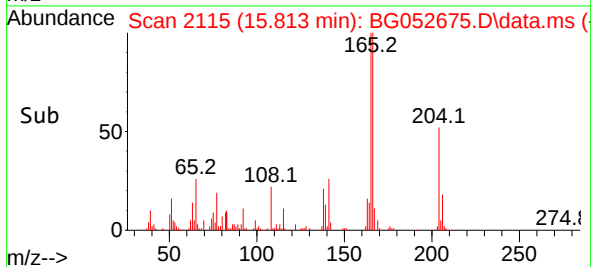
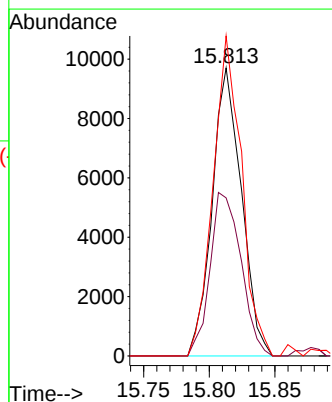
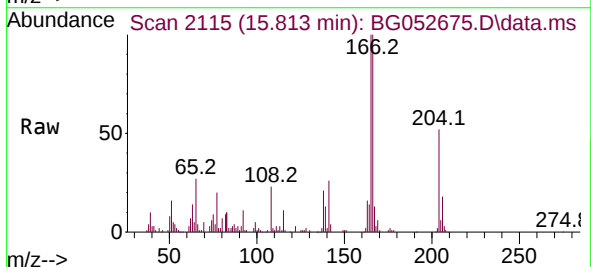
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

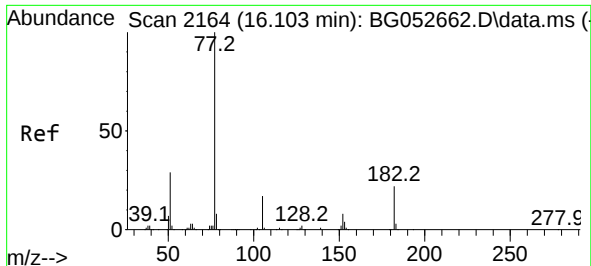
Tgt Ion:204 Resp: 40460
Ion Ratio Lower Upper
204 100
206 34.3 28.3 42.5
141 50.5 45.8 68.8



#62
4-Nitroaniline
Concen: 9.189 ng
RT: 15.813 min Scan# 2115
Delta R.T. -0.014 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:138 Resp: 15061
Ion Ratio Lower Upper
138 100
92 54.9 33.3 73.3
108 111.1 74.2 114.2

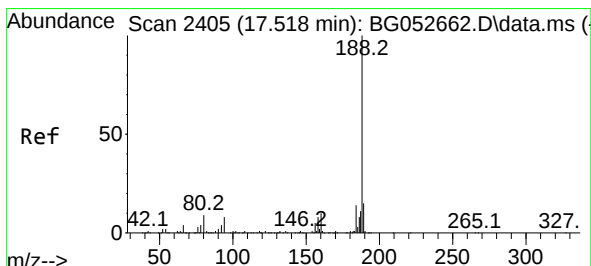
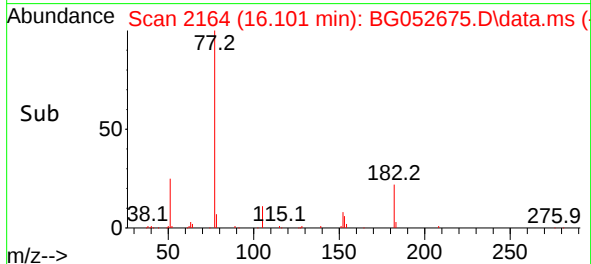
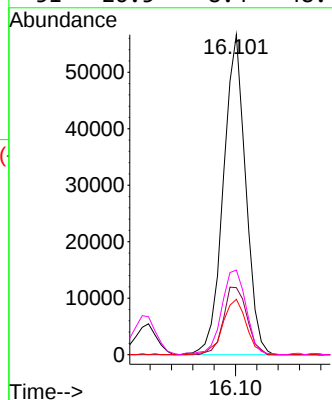
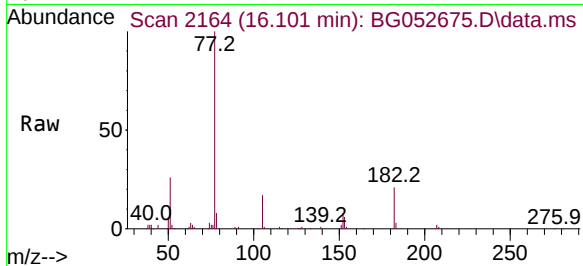




#63
Azobenzene
Concen: 9.243 ng
RT: 16.101 min Scan# 2164
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

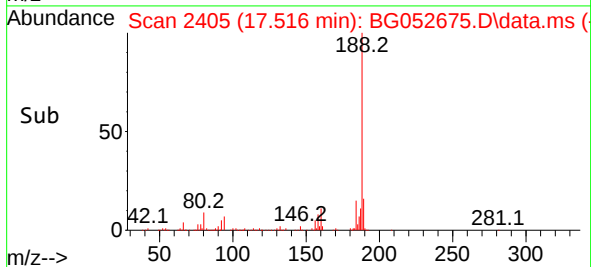
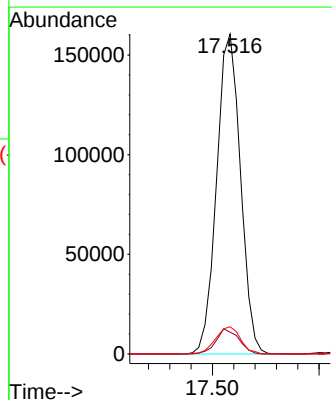
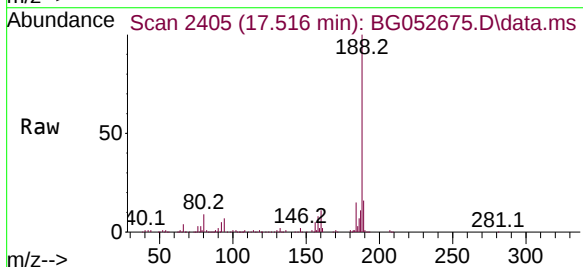
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

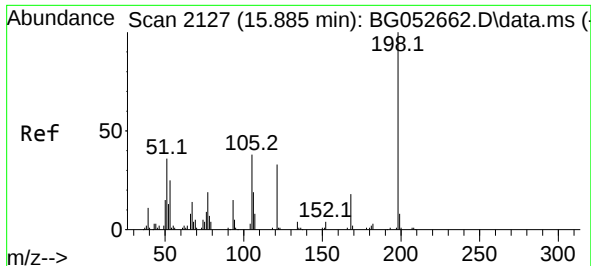
Tgt Ion: 77	Resp: 81871
Ion Ratio	Lower Upper
77 100	
182 20.9	5.6 45.6
105 17.3	0.0 38.8
51 26.5	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.516 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion: 188	Resp: 248967
Ion Ratio	Lower Upper
188 100	
94 6.8	5.7 8.5
80 8.5	7.2 10.8

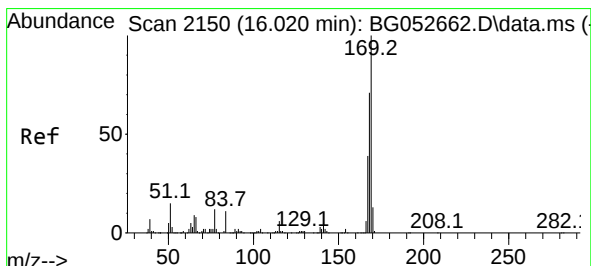
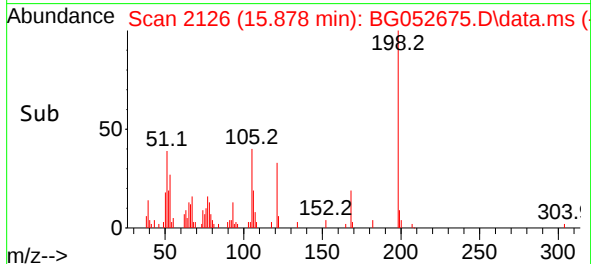
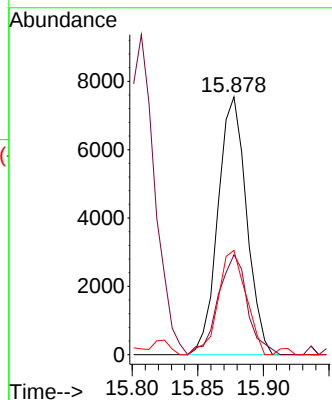
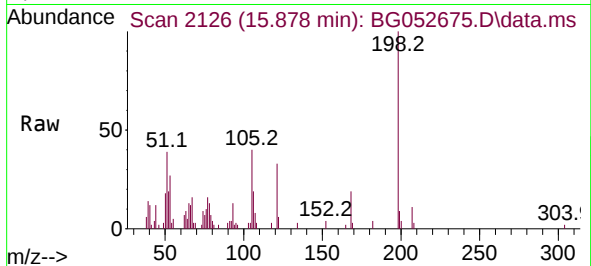




#65
4,6-Dinitro-2-methylphenol
Concen: 10.286 ng
RT: 15.878 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

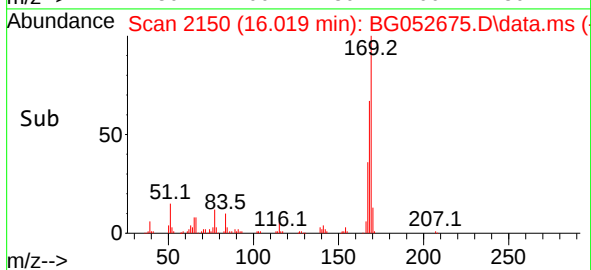
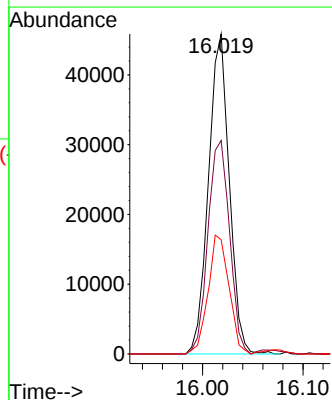
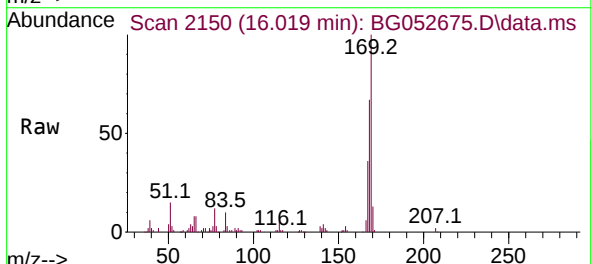
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

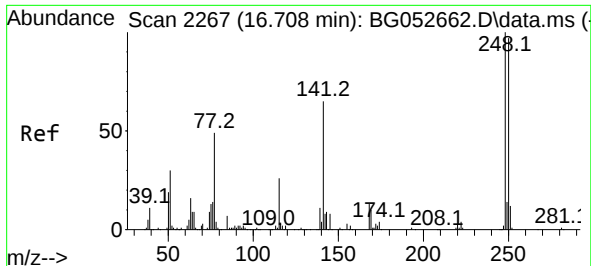
Tgt Ion:198	Resp:	11417
Ion Ratio	Lower	Upper
198	100	
51	38.7	21.7 61.7
105	40.5	20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 9.431 ng
RT: 16.019 min Scan# 2150
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:169	Resp:	66103
Ion Ratio	Lower	Upper
169	100	
168	66.7	54.5 81.7
167	35.7	29.6 44.4

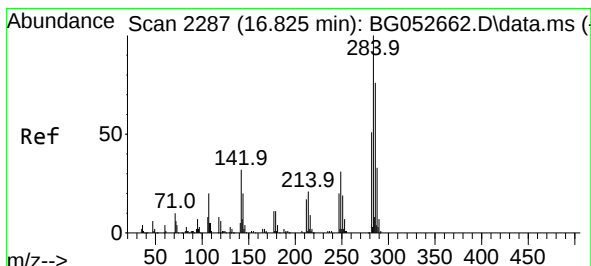
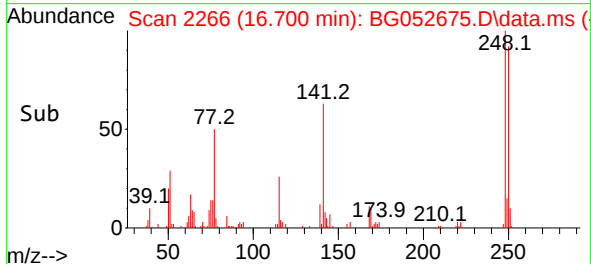
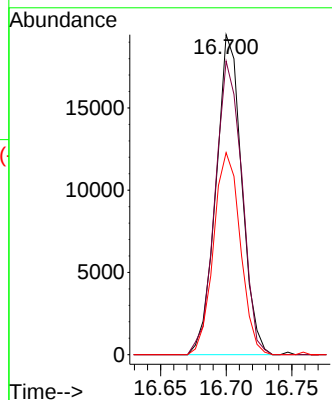
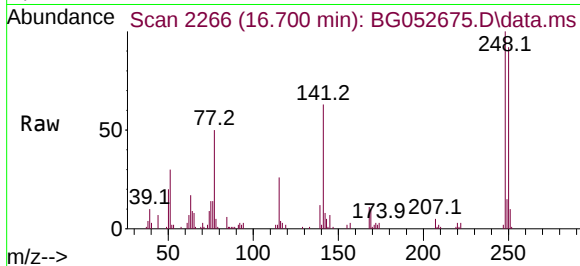




#67
4-Bromophenyl-phenylether
Concen: 8.835 ng
RT: 16.700 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

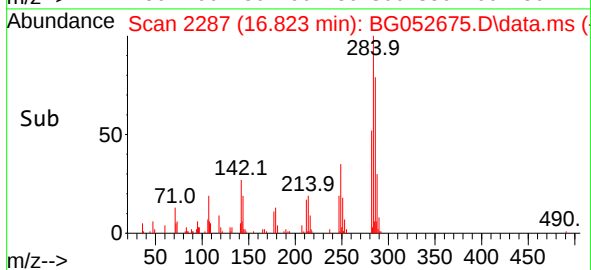
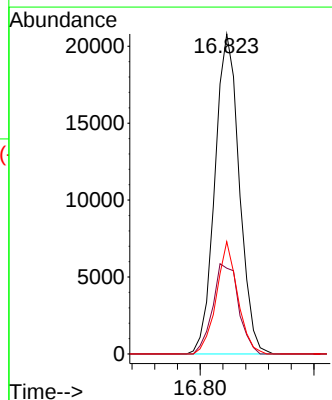
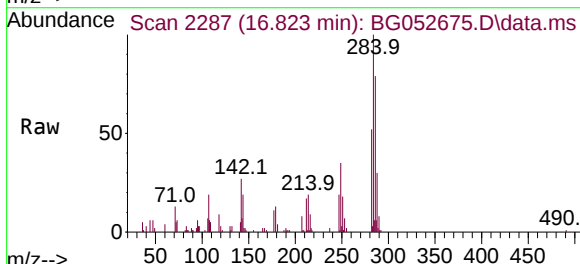
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

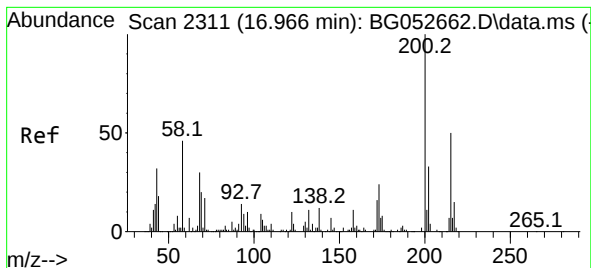
Tgt Ion	Ratio	Lower	Upper
248	100		
250	91.8	77.9	116.9
141	63.1	49.2	73.8



#68
Hexachlorobenzene
Concen: 9.597 ng
RT: 16.823 min Scan# 2287
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	21.0	31.4
249	35.1	22.7	34.1





#69

Atrazine

Concen: 10.038 ng

RT: 16.958 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

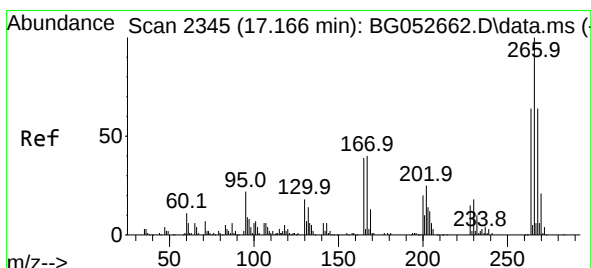
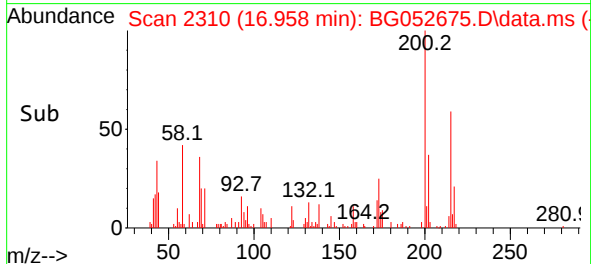
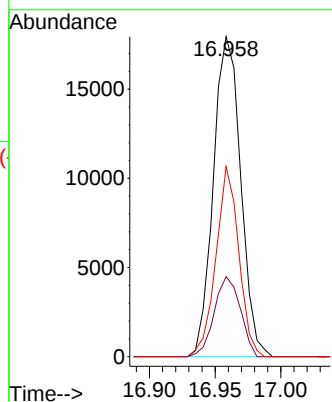
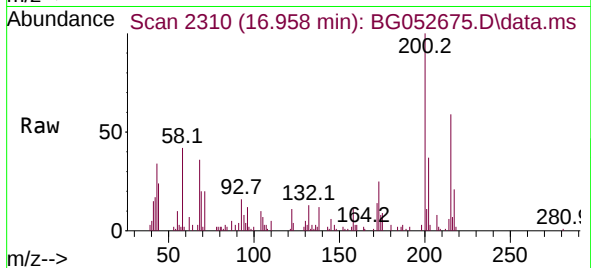
Tgt Ion:200 Resp: 25944

Ion Ratio Lower Upper

200 100

173 25.0 3.8 43.8

215 59.4 26.3 66.3



#70

Pentachlorophenol

Concen: 7.778 ng

RT: 17.158 min Scan# 2344

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

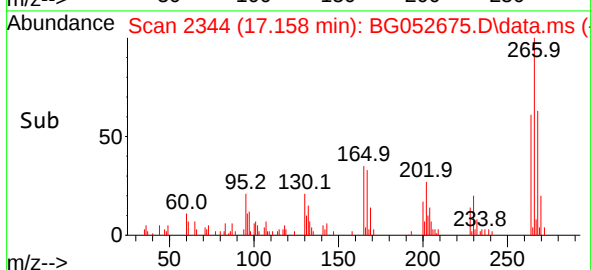
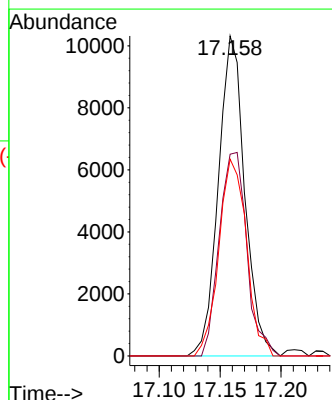
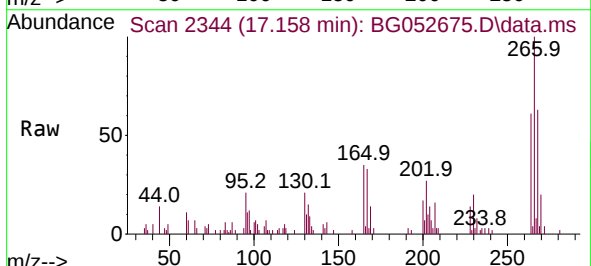
Tgt Ion:266 Resp: 15569

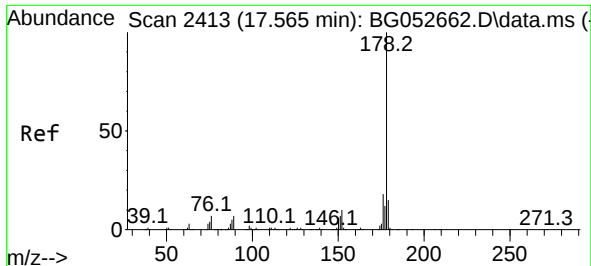
Ion Ratio Lower Upper

266 100

268 63.1 45.9 68.9

264 61.5 45.3 67.9

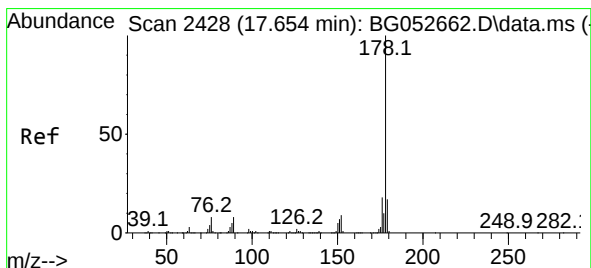
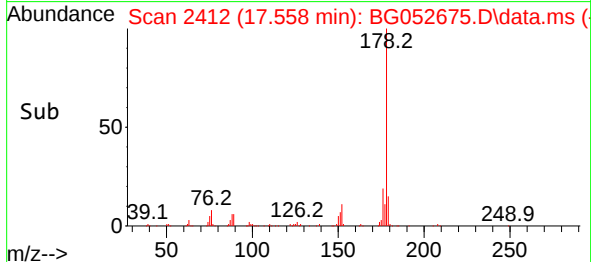
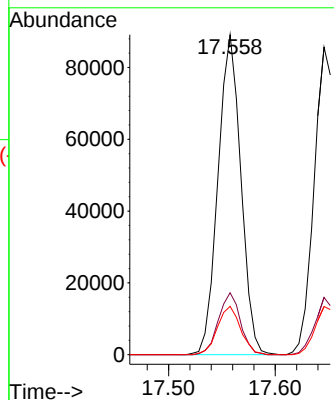
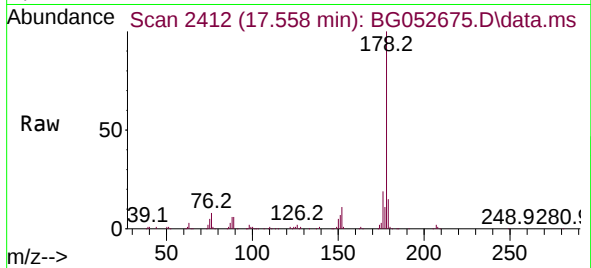




#71
Phenanthrene
Concen: 9.957 ng
RT: 17.558 min Scan# 2413
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

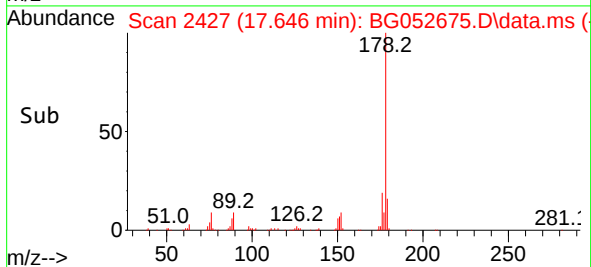
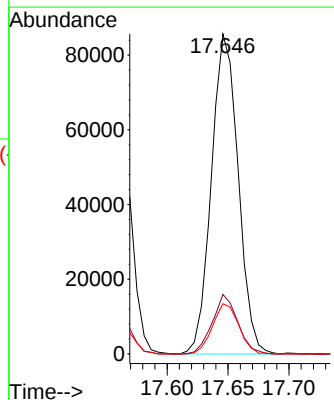
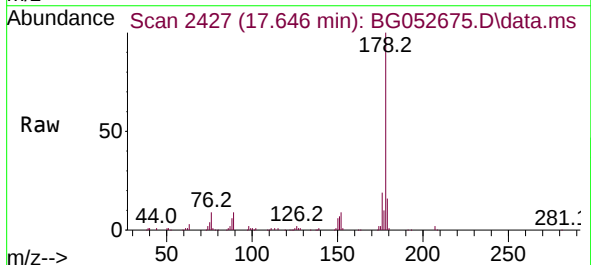
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

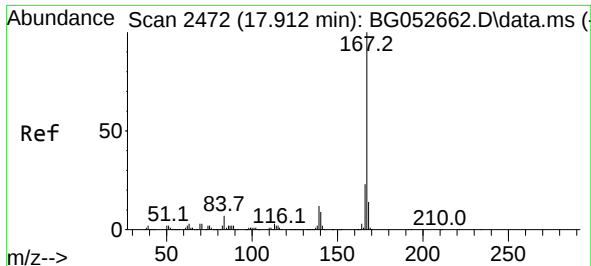
Tgt Ion:178 Resp: 132621
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 15.1 13.4 20.2



#72
Anthracene
Concen: 9.944 ng
RT: 17.646 min Scan# 2427
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:178 Resp: 130933
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.7 13.2 19.8

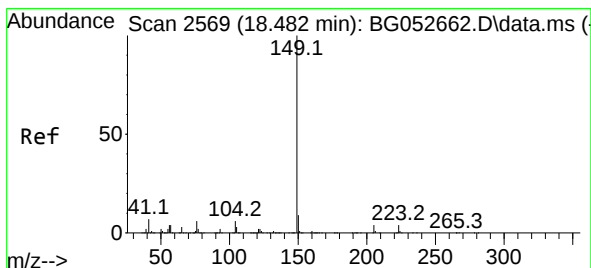
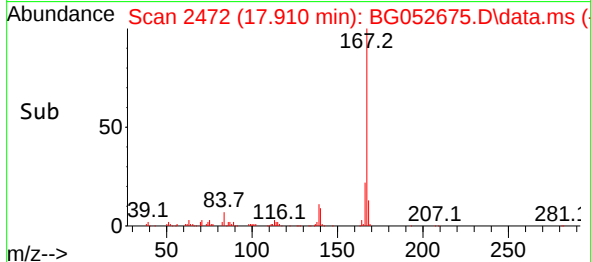
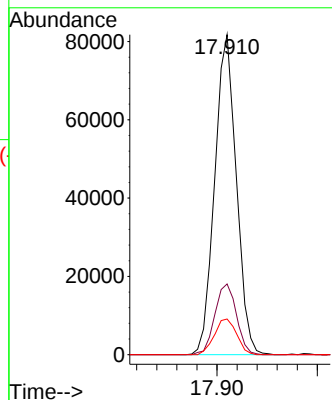
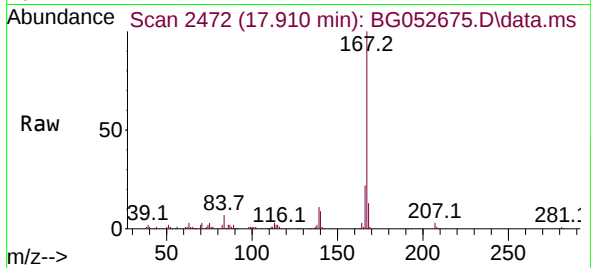




#73
 Carbazole
 Concen: 9.360 ng
 RT: 17.910 min Scan# 2472
 Delta R.T. -0.002 min
 Lab File: BG052675.D
 Acq: 16 Mar 2022 11:40

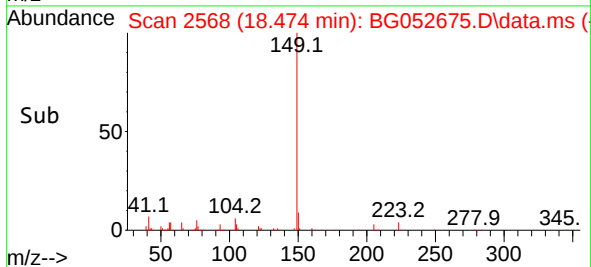
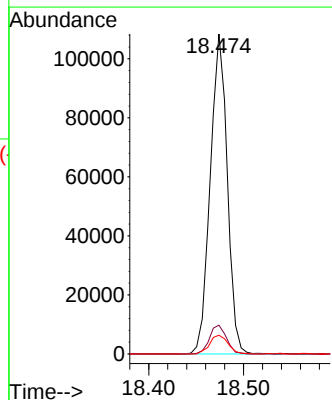
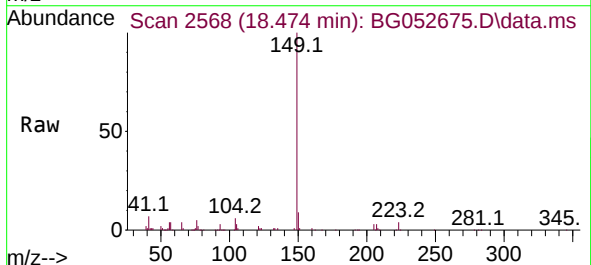
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

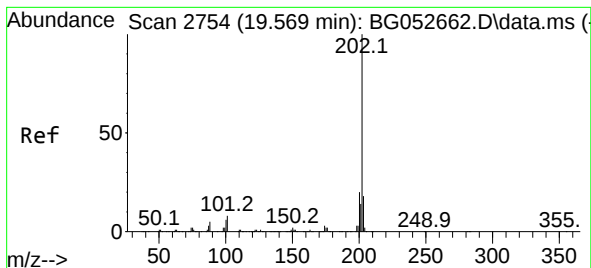
Tgt Ion:167 Resp: 122062
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.5 27.7
 139 11.2 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 9.472 ng
 RT: 18.474 min Scan# 2568
 Delta R.T. -0.008 min
 Lab File: BG052675.D
 Acq: 16 Mar 2022 11:40

Tgt Ion:149 Resp: 134929
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.6
 104 5.9 4.6 7.0





#75

Fluoranthene

Concen: 9.982 ng

RT: 19.561 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

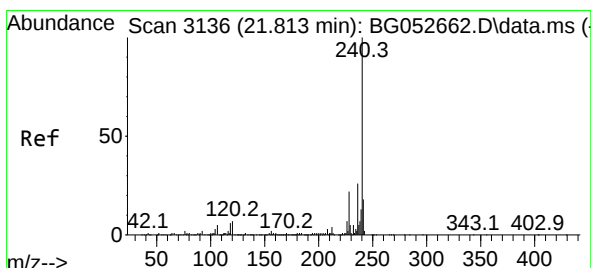
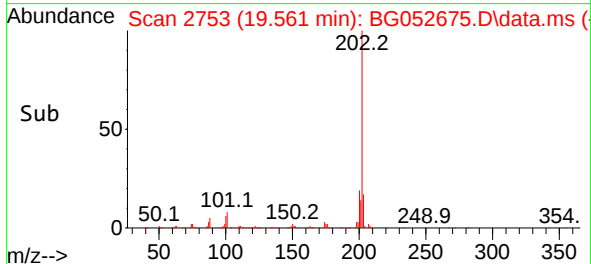
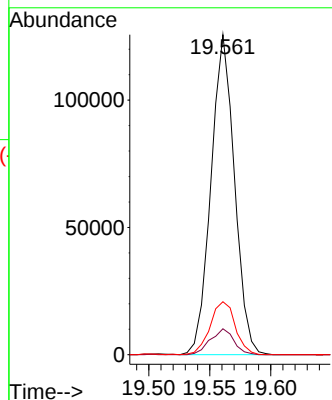
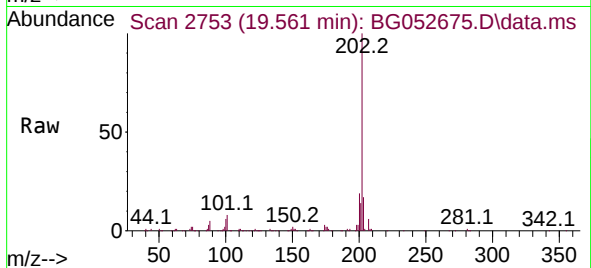
Tgt Ion:202 Resp: 168758

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.3

203 16.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.805 min Scan# 3135

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

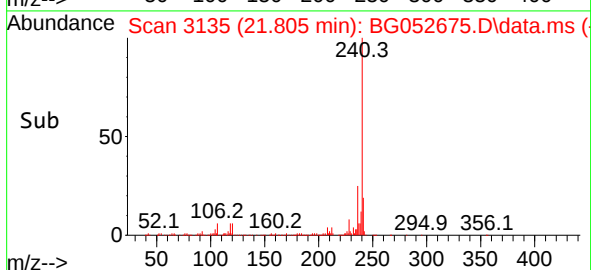
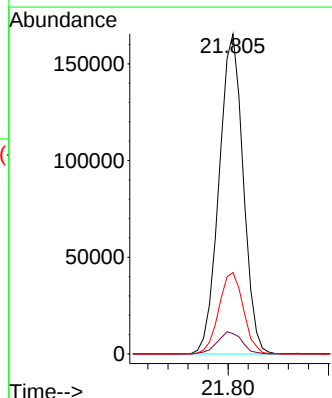
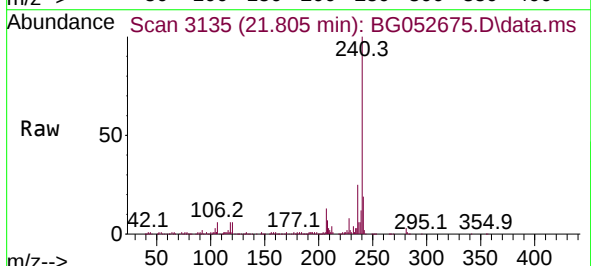
Tgt Ion:240 Resp: 275295

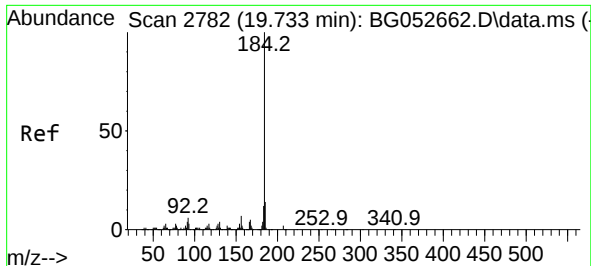
Ion Ratio Lower Upper

240 100

120 6.4 5.4 8.0

236 25.4 19.8 29.6

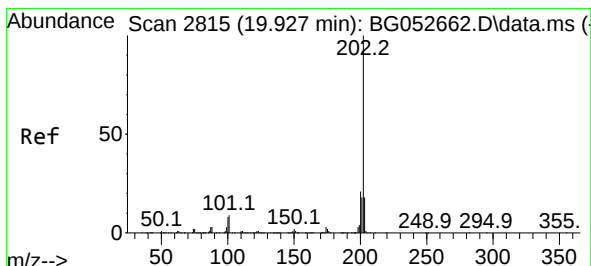
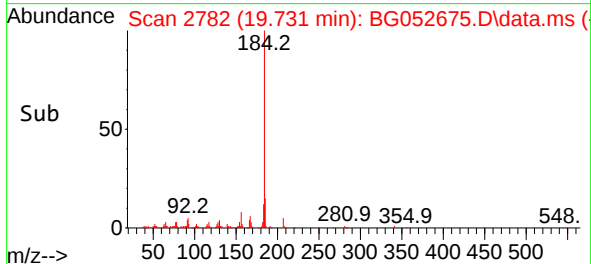
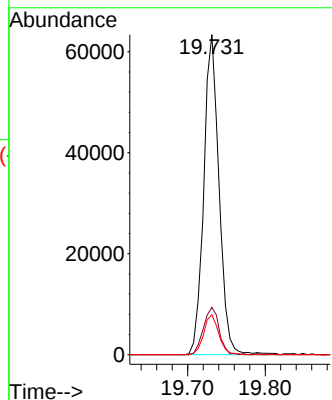
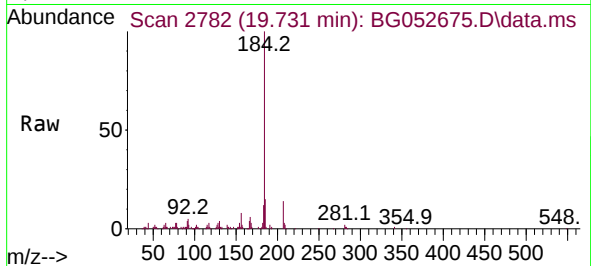




#77
Benzidine
Concen: 12.246 ng
RT: 19.731 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

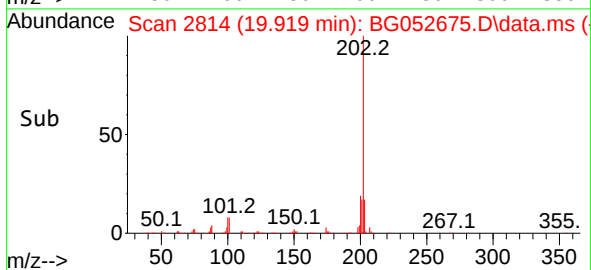
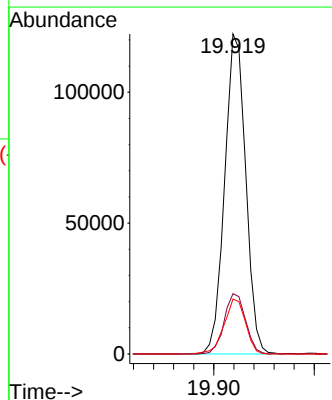
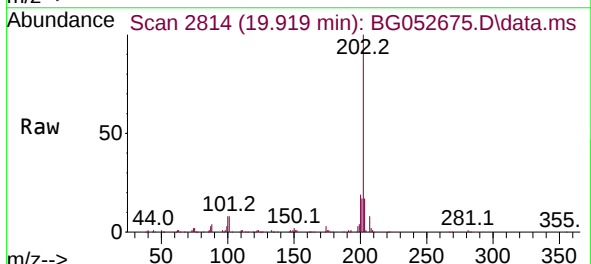
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

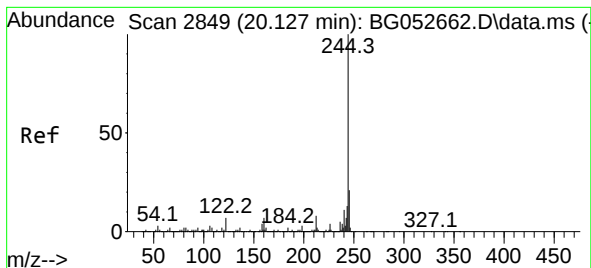
Tgt Ion:184 Resp: 86955
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 12.5 9.4 14.2



#78
Pyrene
Concen: 9.288 ng
RT: 19.919 min Scan# 2814
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:202 Resp: 177369
Ion Ratio Lower Upper
202 100
200 18.9 17.0 25.6
203 17.1 15.0 22.6





#79

Terphenyl-d14

Concen: 64.007 ng

RT: 20.119 min Scan# 2

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

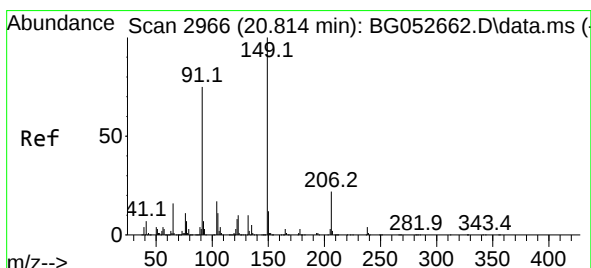
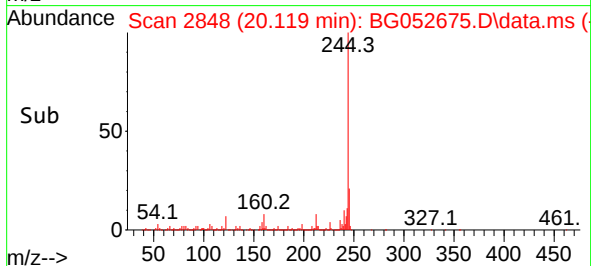
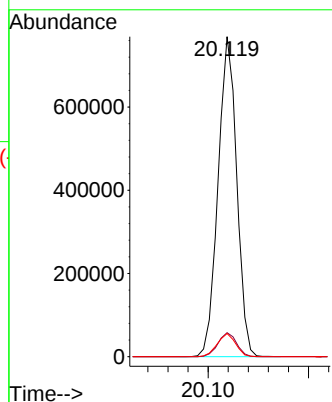
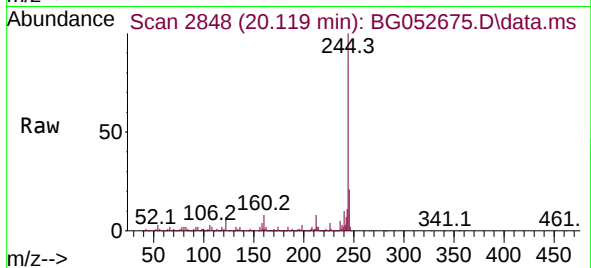
Tgt Ion:244 Resp: 990576

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

122 7.3 5.8 8.6



#80

Butylbenzylphthalate

Concen: 8.424 ng

RT: 20.806 min Scan# 2965

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

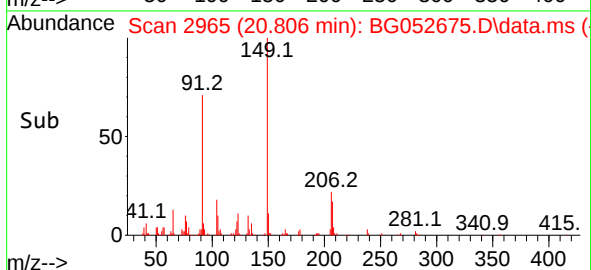
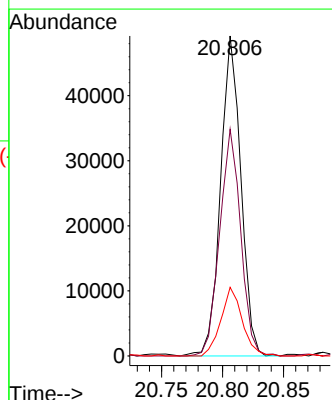
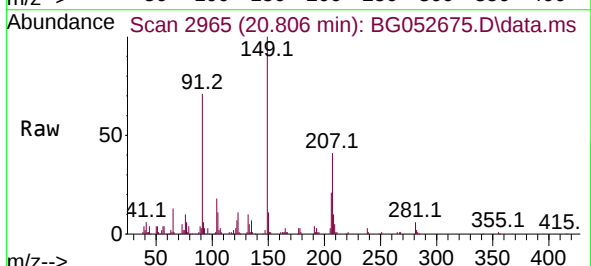
Tgt Ion:149 Resp: 57063

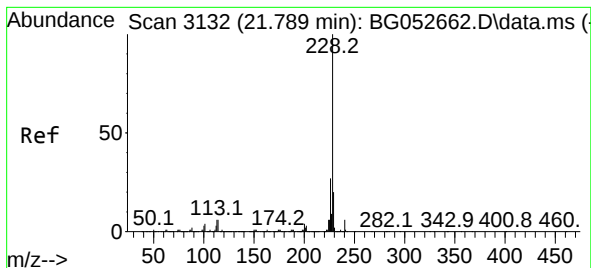
Ion Ratio Lower Upper

149 100

91 70.9 60.2 90.4

206 21.4 19.4 29.2





#81

Benzo(a)anthracene

Concen: 9.502 ng

RT: 21.781 min Scan# 3115

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

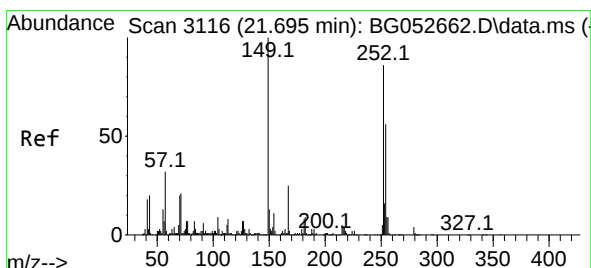
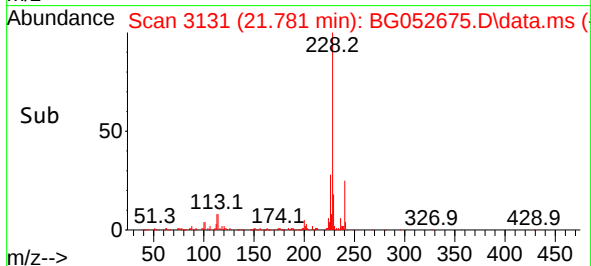
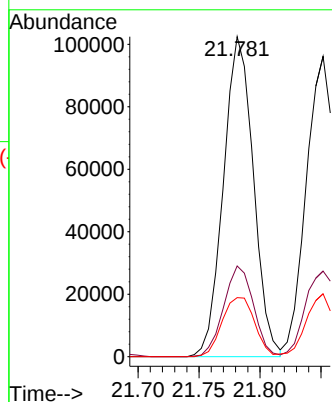
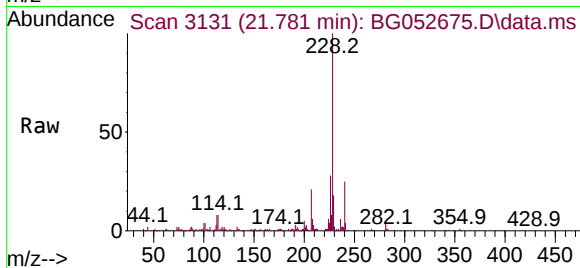
Tgt Ion:228 Resp: 175156

Ion Ratio Lower Upper

228 100

226 28.3 21.4 32.0

229 18.5 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 9.774 ng

RT: 21.687 min Scan# 3115

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

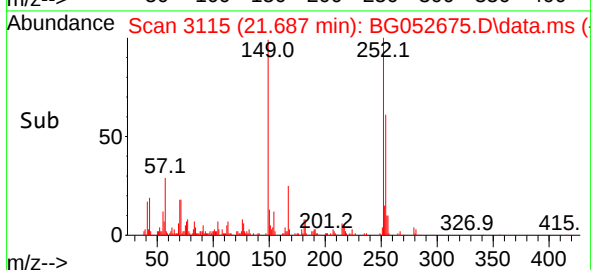
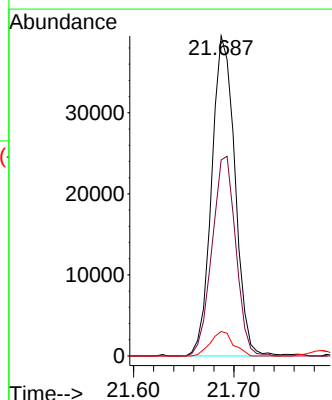
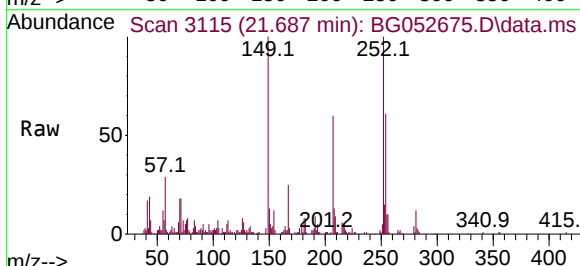
Tgt Ion:252 Resp: 63627

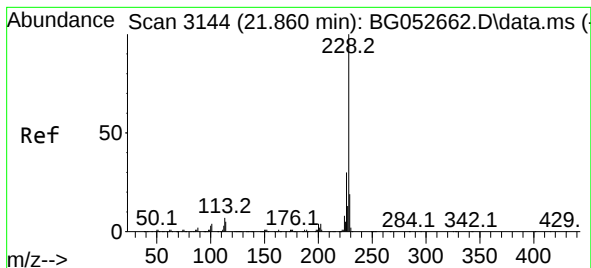
Ion Ratio Lower Upper

252 100

254 61.3 51.2 76.8

126 7.7 5.8 8.8





#83

Chrysene

Concen: 9.410 ng

RT: 21.852 min Scan# 3143

Delta R.T. -0.008 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

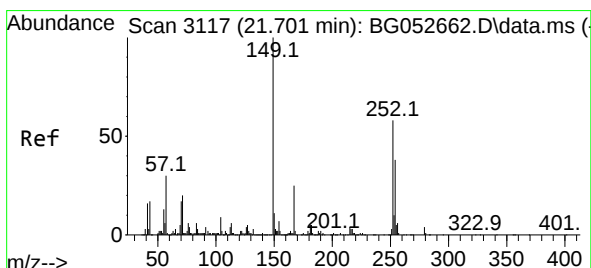
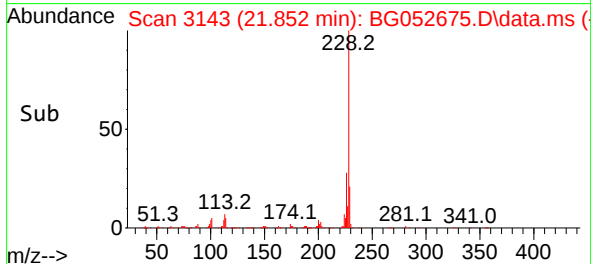
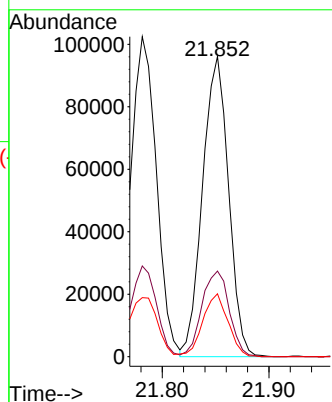
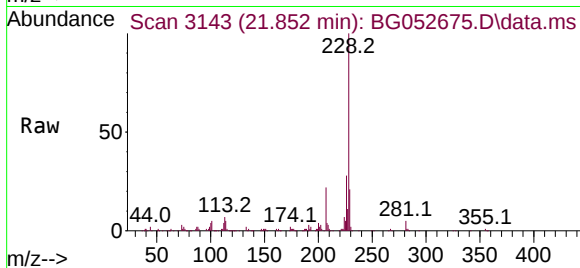
Tgt Ion:228 Resp: 163080

Ion Ratio Lower Upper

228 100

226 28.5 24.2 36.4

229 20.9 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.121 ng

RT: 21.699 min Scan# 3117

Delta R.T. -0.002 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

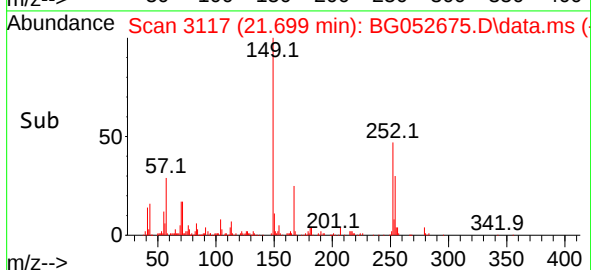
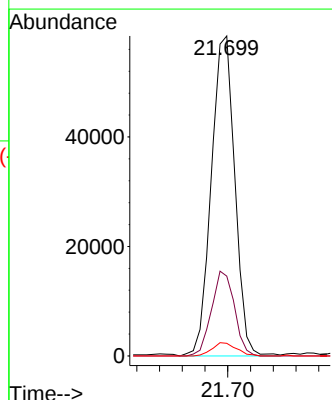
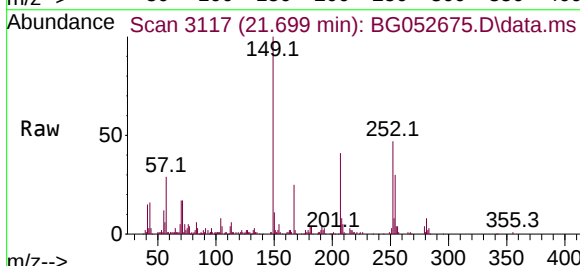
Tgt Ion:149 Resp: 84028

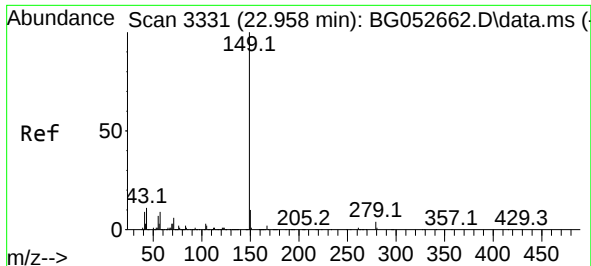
Ion Ratio Lower Upper

149 100

167 25.0 21.4 32.2

279 3.9 3.8 5.8

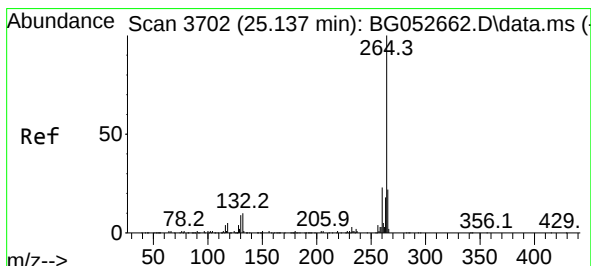
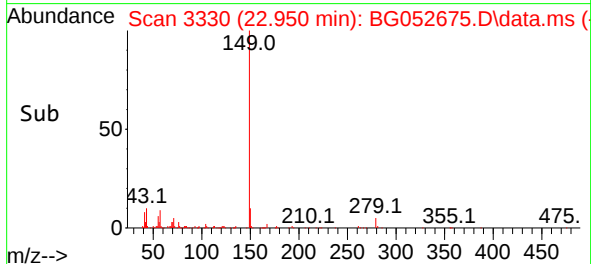
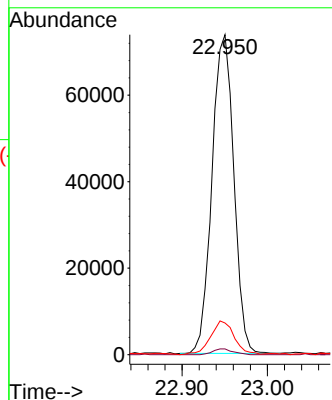
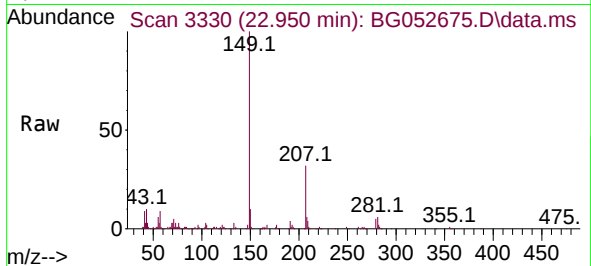




#85
Di-n-octyl phthalate
Concen: 8.526 ng
RT: 22.950 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

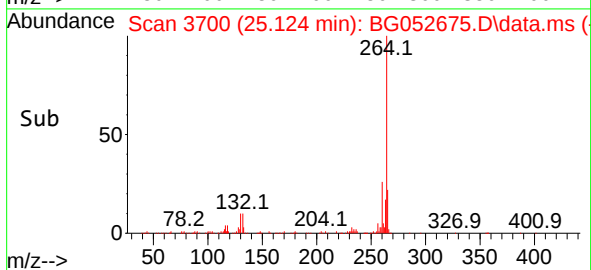
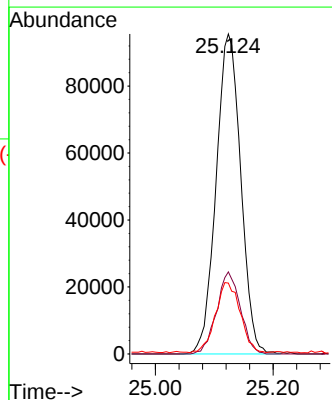
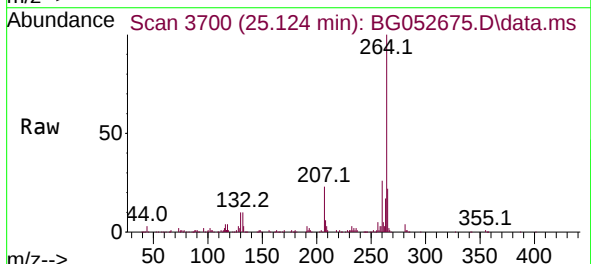
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

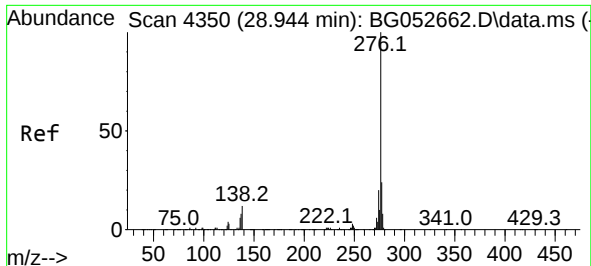
Tgt Ion:149 Resp: 130756
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.6 7.6 11.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.124 min Scan# 3700
Delta R.T. -0.014 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:264 Resp: 277731
Ion Ratio Lower Upper
264 100
260 25.7 18.2 27.2
265 22.2 15.1 22.7

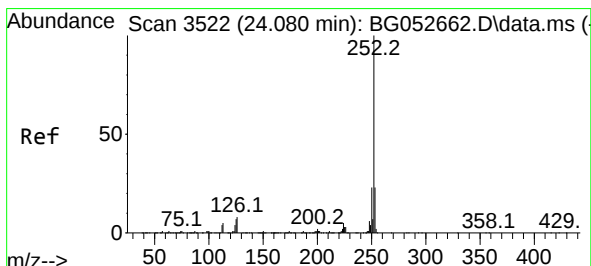
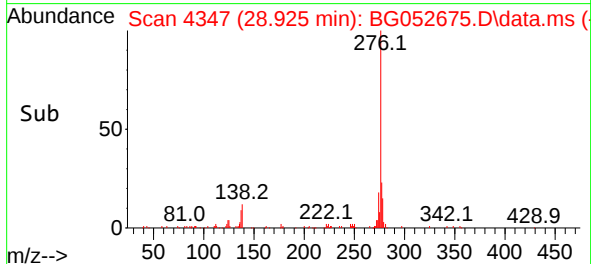
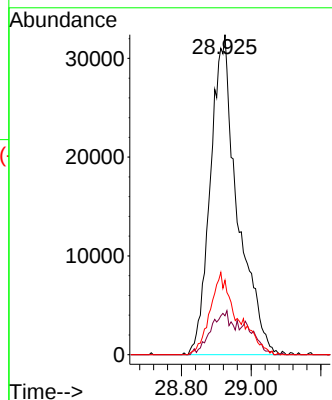
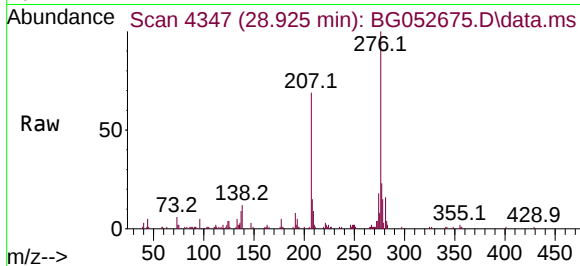




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.224 ng
RT: 28.925 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

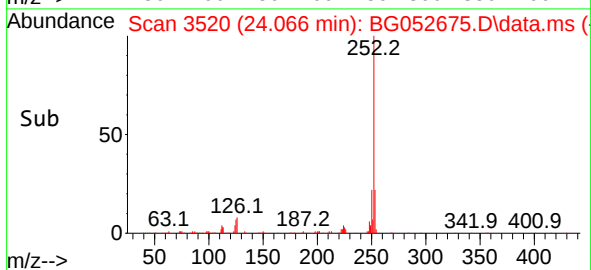
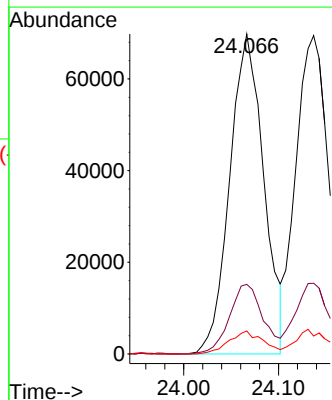
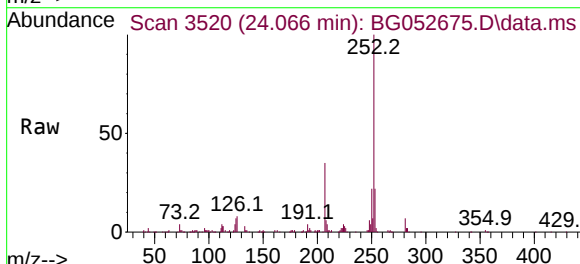
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

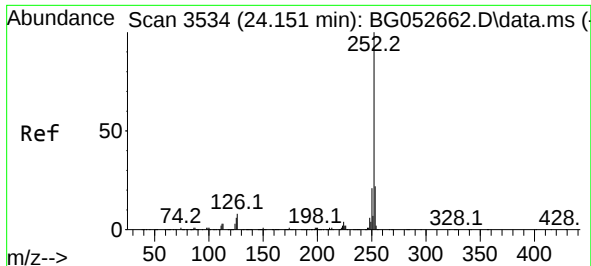
Tgt Ion:276 Resp: 175349
Ion Ratio Lower Upper
276 100
138 9.5 8.7 13.1
277 25.7 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 10.089 ng
RT: 24.066 min Scan# 3520
Delta R.T. -0.014 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:252 Resp: 173978
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 7.2 5.2 7.8

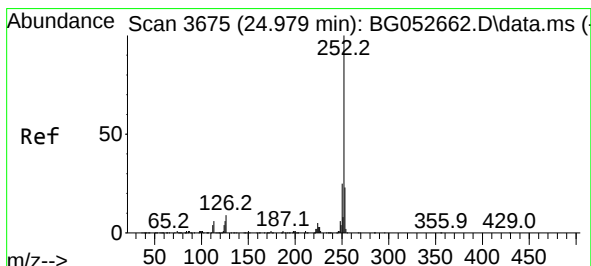
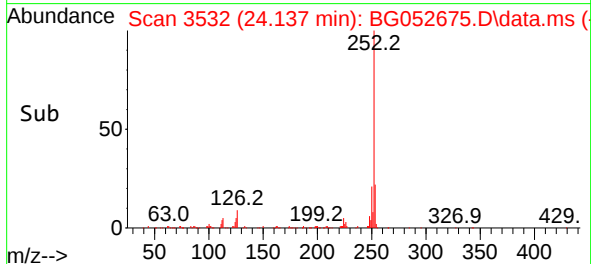
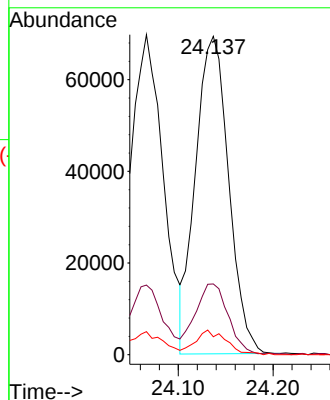
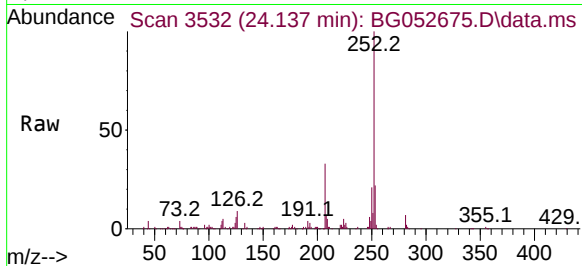




#89
Benzo(k)fluoranthene
Concen: 9.908 ng
RT: 24.137 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

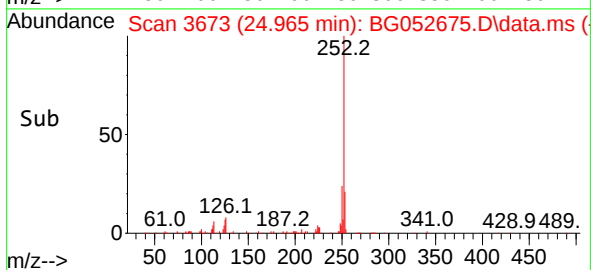
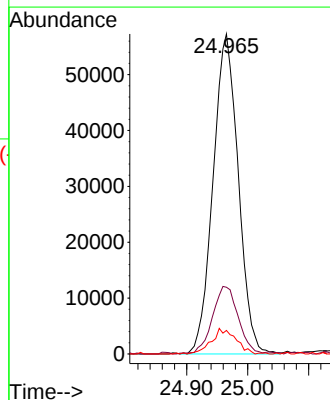
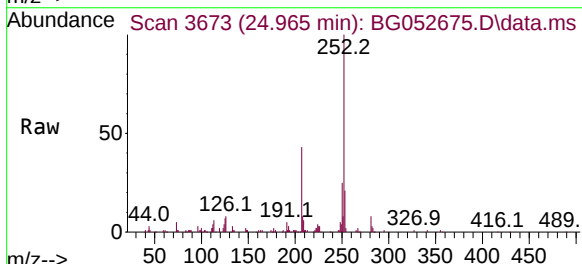
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2022

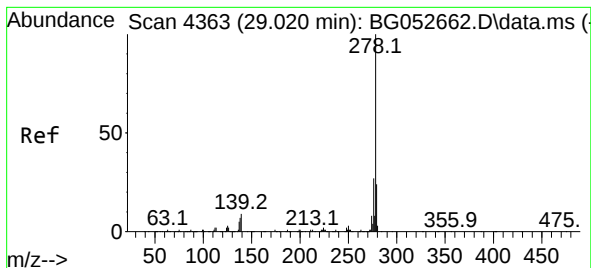
Tgt Ion:252 Resp: 168098
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 5.6 5.0 7.4



#90
Benzo(a)pyrene
Concen: 11.257 ng
RT: 24.965 min Scan# 3673
Delta R.T. -0.014 min
Lab File: BG052675.D
Acq: 16 Mar 2022 11:40

Tgt Ion:252 Resp: 164323
Ion Ratio Lower Upper
252 100
253 20.8 18.4 27.6
125 7.4 5.6 8.4





#91

Dibenzo(a,h)anthracene

Concen: 9.964 ng

RT: 28.989 min Scan# 41

Delta R.T. -0.031 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT1-2022

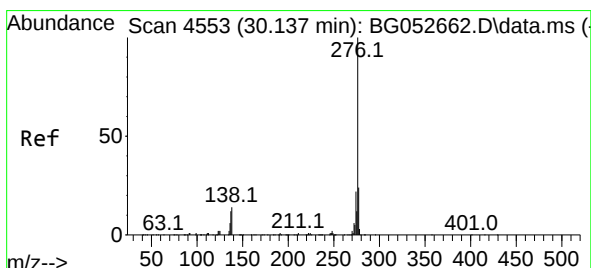
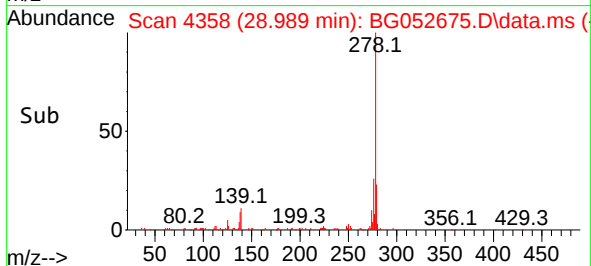
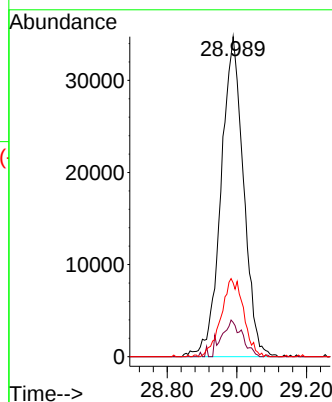
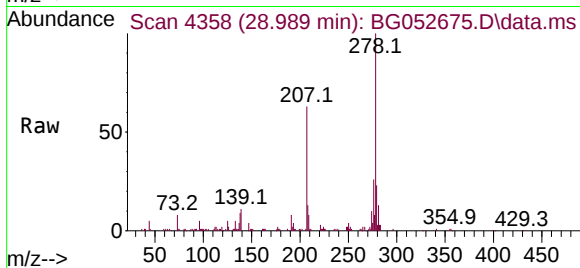
Tgt Ion:278 Resp: 156077

Ion Ratio Lower Upper

278 100

139 10.7 7.8 11.6

279 23.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 9.854 ng

RT: 30.088 min Scan# 4545

Delta R.T. -0.049 min

Lab File: BG052675.D

Acq: 16 Mar 2022 11:40

Tgt Ion:276 Resp: 152729

Ion Ratio Lower Upper

276 100

277 20.7 18.2 27.2

138 15.1 9.1 13.7#

