

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071822\
 Data File : BG054310.D
 Acq On : 18 Jul 2022 11:50
 Operator : CG/JU
 Sample : N3214-02
 Misc : LOQ-SOIL-10ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jul 18 12:37:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 12:36:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.002	152	16544	20.000	ng	0.00
21) Naphthalene-d8	10.810	136	60551	20.000	ng	# 0.00
39) Acenaphthene-d10	14.635	164	50194	20.000	ng	0.00
64) Phenanthrene-d10	17.379	188	134369	20.000	ng	# 0.00
76) Chrysene-d12	21.639	240	173766	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	180096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	119852	151.255	ng	0.00
7) Phenol-d6	7.167	99	158418	145.905	ng	0.00
23) Nitrobenzene-d5	9.165	82	90368	81.273	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	157470	149.418	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	292022	82.072	ng	0.00
79) Terphenyl-d14	19.988	244	726710	82.965	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.431	88	3081	9.774	ng	88
3) Pyridine	3.842	79	6654	8.321	ng	98
4) n-Nitrosodimethylamine	3.760	42	3758	8.404	ng	91
6) Aniline	7.326	93	12349	9.853	ng	97
8) 2-Chlorophenol	7.567	128	8468	9.299	ng	93
9) Benzaldehyde	7.138	77	7461	12.233	ng	# 82
10) Phenol	7.191	94	9886	9.164	ng	85
11) bis(2-Chloroethyl)ether	7.414	93	7181	9.130	ng	95
12) 1,3-Dichlorobenzene	8.037	146	10751	9.690	ng	95
13) 1,4-Dichlorobenzene	8.037	146	10751	9.383	ng	97
14) 1,2-Dichlorobenzene	8.354	146	10234	9.472	ng	94
15) Benzyl Alcohol	8.237	79	7732	8.658	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.525	45	8696	8.779	ng	91
17) 2-Methylphenol	8.448	107	6697	8.613	ng	# 85
18) Hexachloroethane	9.083	117	3544	9.342	ng	# 62
19) n-Nitroso-di-n-propyla...	8.801	70	6684	9.219	ng	91
20) 3+4-Methylphenols	8.777	107	9341	8.526	ng	95
22) Acetophenone	8.818	105	14042	9.642	ng	# 95
24) Nitrobenzene	9.200	77	10229	9.413	ng	# 79
25) Isophorone	9.723	82	18477	9.555	ng	# 94
26) 2-Nitrophenol	9.917	139	4885	8.918	ng	# 77
27) 2,4-Dimethylphenol	9.982	122	8598	11.363	ng	85
28) bis(2-Chloroethoxy)met...	10.211	93	9991	10.244	ng	96
29) 2,4-Dichlorophenol	10.463	162	10251	8.975	ng	88
30) 1,2,4-Trichlorobenzene	10.675	180	13184	9.321	ng	95
31) Naphthalene	10.857	128	28241	9.291	ng	# 95
32) Benzoic acid	9.982	122	8598	35.622	ng	# 9
33) 4-Chloroaniline	10.963	127	11706	9.470	ng	# 93
34) Hexachlorobutadiene	11.145	225	11833	9.466	ng	89
35) Caprolactam	11.709	113	2477	8.613	ng	# 87
36) 4-Chloro-3-methylphenol	12.097	107	9379	9.027	ng	# 86
37) 2-Methylnaphthalene	12.467	142	21854	9.363	ng	95
38) 1-Methylnaphthalene	12.679	142	20825	9.156	ng	# 96
40) 1,2,4,5-Tetrachloroben...	12.831	216	20803	9.460	ng	# 96
41) Hexachlorocyclopentadiene	12.814	237	2452	4.753	ng	91
43) 2,4,6-Trichlorophenol	13.072	196	10016	8.365	ng	99

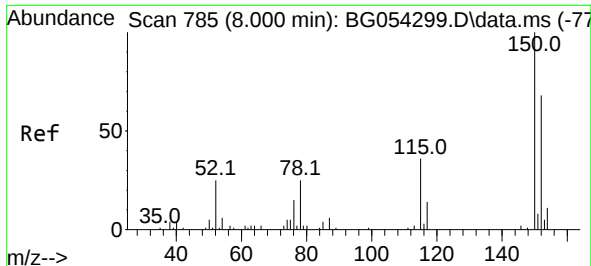
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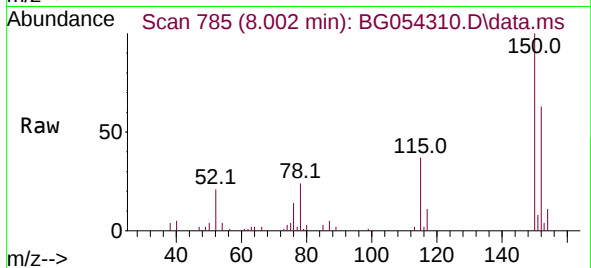
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	11606	8.579	ng	# 92
46) 1,1'-Biphenyl	13.466	154	32635	9.504	ng	97
47) 2-Chloronaphthalene	13.513	162	25884	9.007	ng	96
48) 2-Nitroaniline	13.713	65	6443	8.591	ng	# 81
49) Acenaphthylene	14.353	152	40508	9.486	ng	99
50) Dimethylphthalate	14.083	163	36053	9.196	ng	# 98
51) 2,6-Dinitrotoluene	14.200	165	7391	8.595	ng	# 81
52) Acenaphthene	14.700	154	23303	9.012	ng	96
53) 3-Nitroaniline	14.529	138	6459	8.981	ng	83
54) 2,4-Dinitrophenol	14.764	184	1732	4.145	ng	# 82
55) Dibenzofuran	15.029	168	41494	9.019	ng	99
56) 4-Nitrophenol	14.858	139	3377	7.038	ng	93
57) 2,4-Dinitrotoluene	14.993	165	11080	8.988	ng	# 82
58) Fluorene	15.681	166	34277	9.061	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.264	232	10485	7.960	ng	# 84
60) Diethylphthalate	15.440	149	34122	9.072	ng	97
61) 4-Chlorophenyl-phenyle...	15.669	204	23037	9.278	ng	# 84
62) 4-Nitroaniline	15.693	138	6642	8.790	ng	89
63) Azobenzene	15.963	77	23781	8.751	ng	81
65) 4,6-Dinitro-2-methylph...	15.769	198	5588	6.731	ng	# 68
66) n-Nitrosodiphenylamine	15.881	169	30934	9.221	ng	98
67) 4-Bromophenyl-phenylether	16.562	248	17695	9.377	ng	# 91
68) Hexachlorobenzene	16.691	284	21185	9.817	ng	# 91
69) Atrazine	16.827	200	15545	10.413	ng	93
70) Pentachlorophenol	17.038	266	4865	5.761	ng	# 74
71) Phenanthrene	17.420	178	60830	9.091	ng	97
72) Anthracene	17.508	178	62353	9.496	ng	96
73) Carbazole	17.778	167	51457	9.518	ng	98
74) Di-n-butylphthalate	18.331	149	57465	9.008	ng	# 97
75) Fluoranthene	19.429	202	85971	9.425	ng	97
77) Benzidine	19.600	184	36897	11.724	ng	97
78) Pyrene	19.788	202	87866	8.813	ng	96
80) Butylbenzylphthalate	20.669	149	25039	8.059	ng	# 88
81) Benzo(a)anthracene	21.615	228	99612	9.031	ng	98
82) 3,3'-Dichlorobenzidine	21.527	252	37409	10.905	ng	# 96
83) Chrysene	21.686	228	92438	8.870	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	36444	8.289	ng	# 94
85) Di-n-octyl phthalate	22.720	149	63375	8.449	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.484	276	118230	8.629	ng	# 99
88) Benzo(b)fluoranthene	23.818	252	100189	9.407	ng	# 97
89) Benzo(k)fluoranthene	23.883	252	100185	9.452	ng	# 97
90) Benzo(a)pyrene	24.682	252	97279	10.695	ng	# 98
91) Dibenzo(a,h)anthracene	28.536	278	102562	9.104	ng	# 96
92) Benzo(g,h,i)perylene	29.623	276	100544	9.042	ng	# 91

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

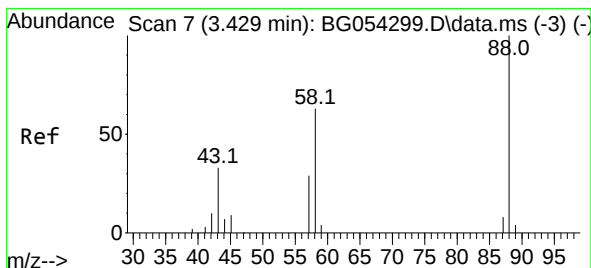
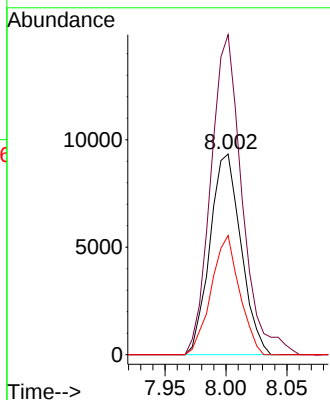
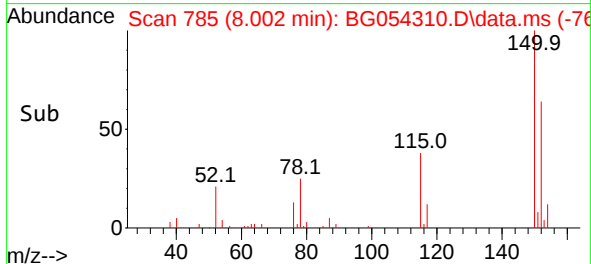


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.002 min Scan# 7
 Delta R.T. 0.002 min
 Lab File: BG054310.D
 Acq: 18 Jul 2022 11:50

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

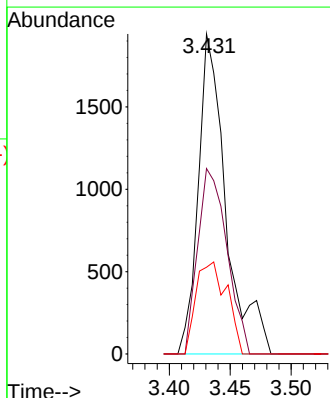
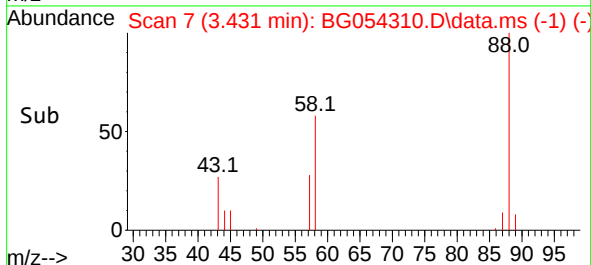
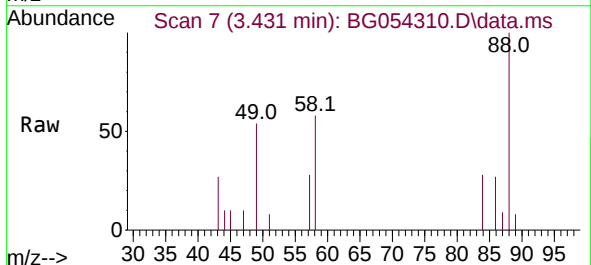


Tgt Ion:152 Resp: 16544
 Ion Ratio Lower Upper
 152 100
 150 159.5 131.6 197.4
 115 59.4 50.9 76.3



#2
 1,4-Dioxane
 Concen: 9.774 ng
 RT: 3.431 min Scan# 7
 Delta R.T. 0.002 min
 Lab File: BG054310.D
 Acq: 18 Jul 2022 11:50

Tgt Ion: 88 Resp: 3081
 Ion Ratio Lower Upper
 88 100
 58 60.8 59.2 88.8
 43 31.8 24.3 36.5





#3

Pyridine

Concen: 8.321 ng

RT: 3.842 min Scan# 71

Delta R.T. 0.008 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

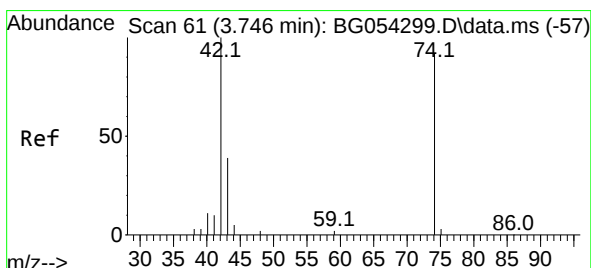
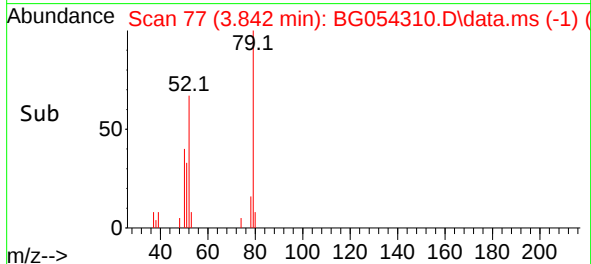
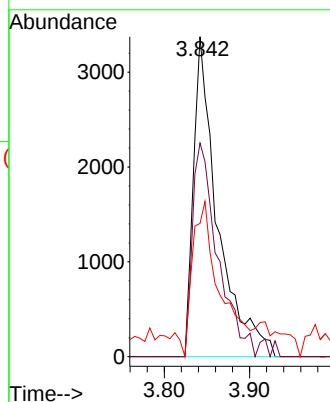
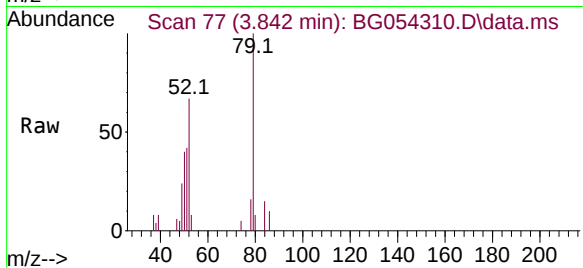
Tgt Ion: 79 Resp: 6654

Ion Ratio Lower Upper

79 100

52 66.7 54.6 81.8

51 41.6 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 8.404 ng

RT: 3.760 min Scan# 63

Delta R.T. 0.014 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

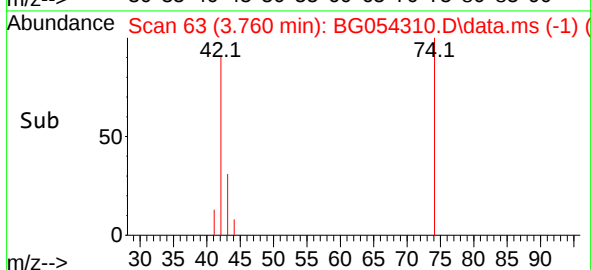
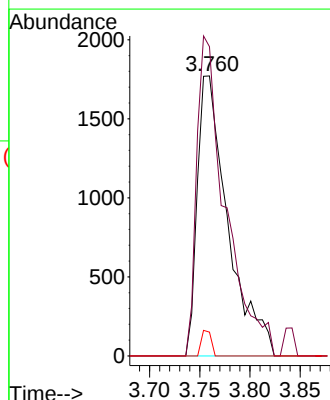
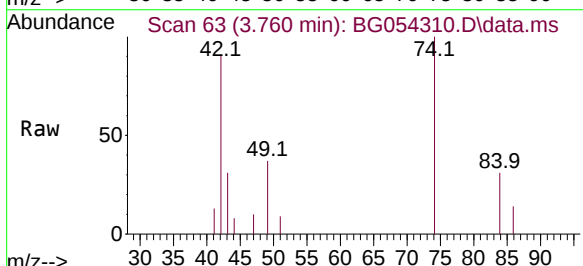
Tgt Ion: 42 Resp: 3758

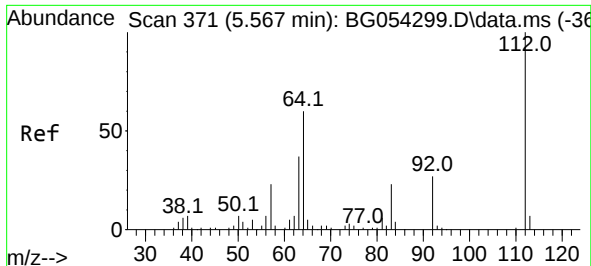
Ion Ratio Lower Upper

42 100

74 110.4 97.0 145.4

44 8.5 7.0 10.4

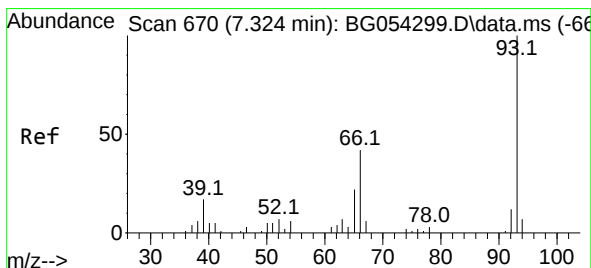
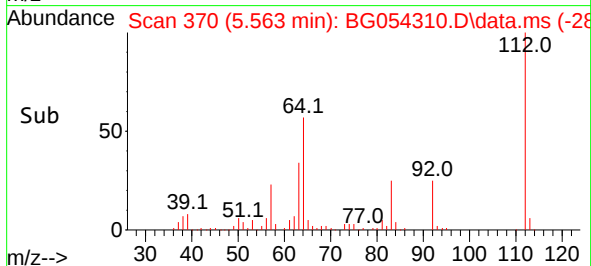
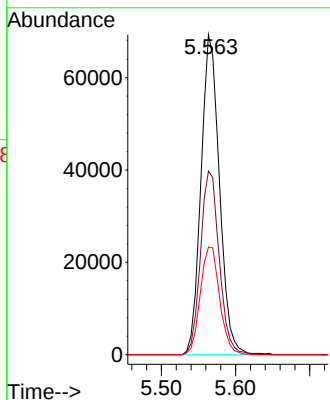
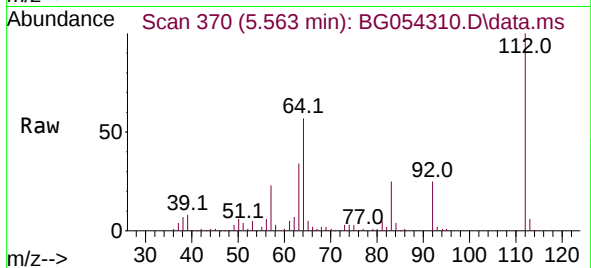




#5
2-Fluorophenol
Concen: 151.255 ng
RT: 5.563 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

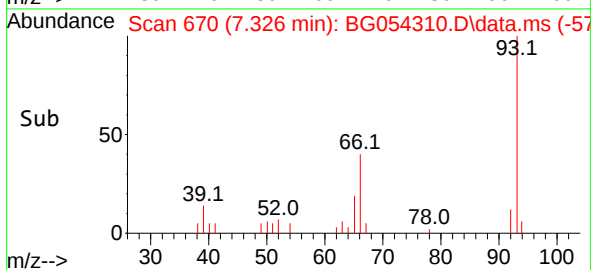
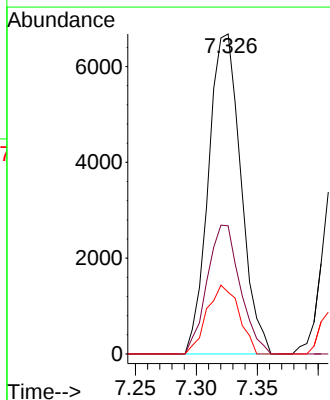
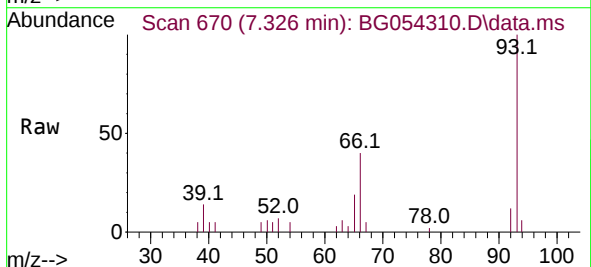
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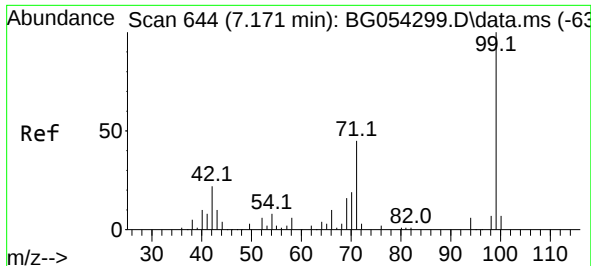
Tgt Ion:112 Resp: 119852
Ion Ratio Lower Upper
112 100
64 57.4 55.1 82.7
63 33.7 30.4 45.6



#6
Aniline
Concen: 9.853 ng
RT: 7.326 min Scan# 670
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion: 93 Resp: 12349
Ion Ratio Lower Upper
93 100
66 40.1 32.9 49.3
65 19.3 17.8 26.8

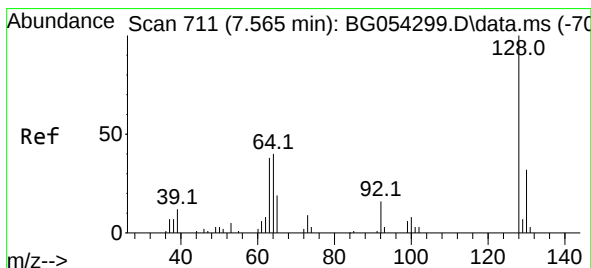
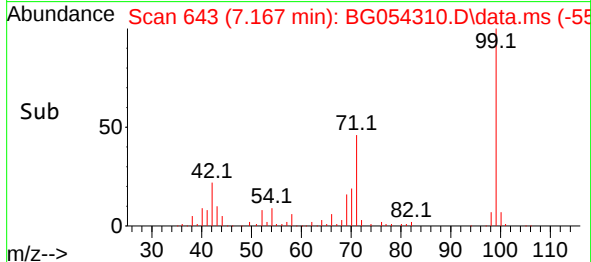
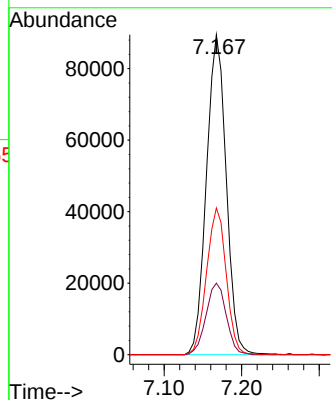
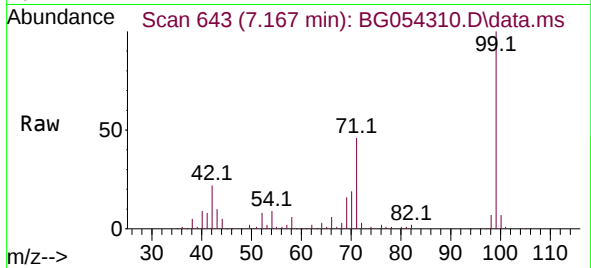




#7
Phenol-d6
Concen: 145.905 ng
RT: 7.167 min Scan# 644
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

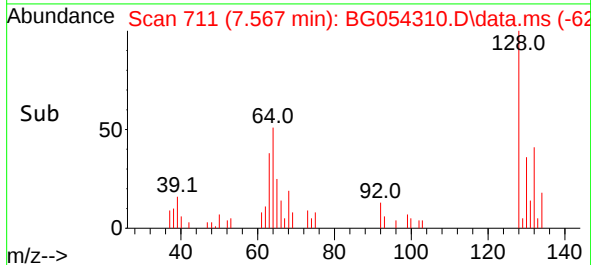
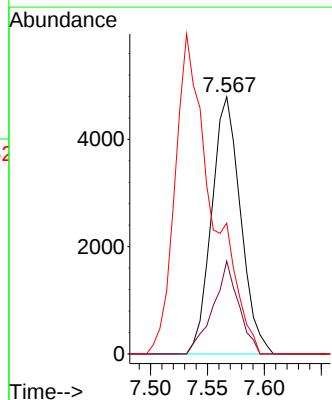
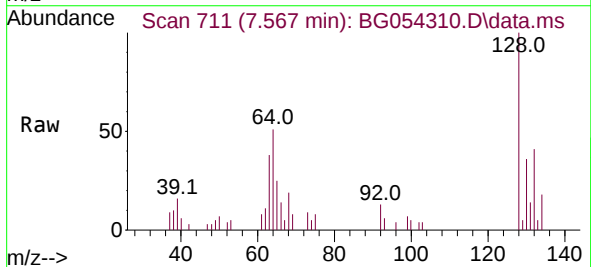
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Tgt Ion: 99 Resp: 158418
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 45.9 33.8 50.8



#8
2-Chlorophenol
Concen: 9.299 ng
RT: 7.567 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:128 Resp: 8468
Ion Ratio Lower Upper
128 100
130 36.1 10.5 50.5
64 50.9 35.1 75.1

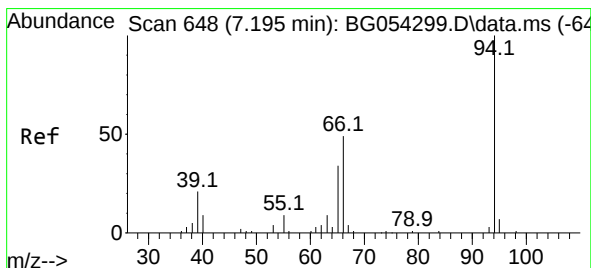
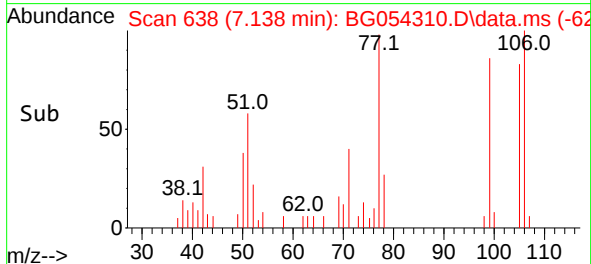
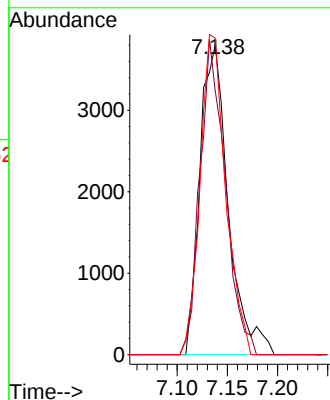
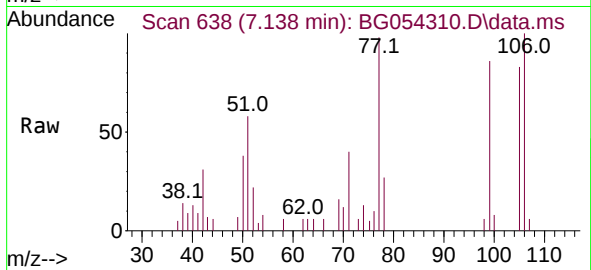




#9
Benzaldehyde
Concen: 12.233 ng
RT: 7.138 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

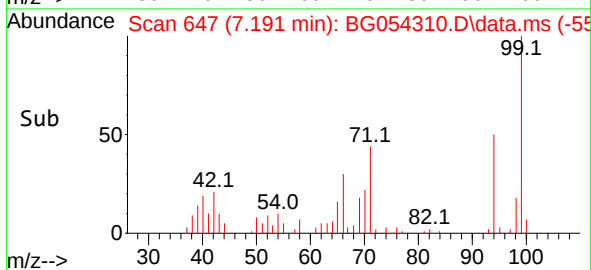
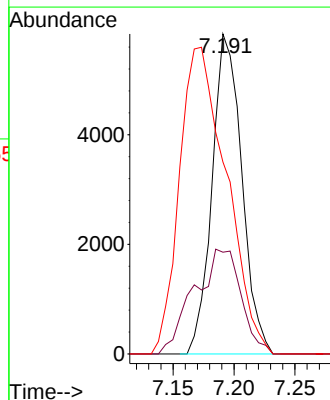
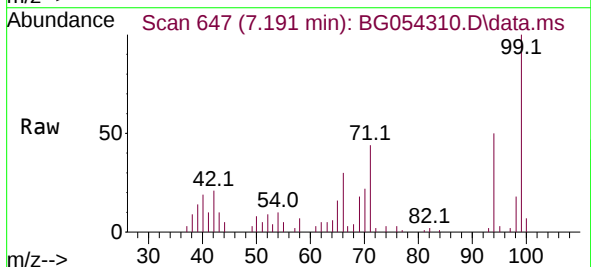
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion: 77 Resp: 7461
Ion Ratio Lower Upper
77 100
105 85.2 59.6 99.6
106 102.3 56.8 96.8#



#10
Phenol
Concen: 9.164 ng
RT: 7.191 min Scan# 647
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion: 94 Resp: 9886
Ion Ratio Lower Upper
94 100
65 31.8 14.8 54.8
66 60.0 25.2 65.2

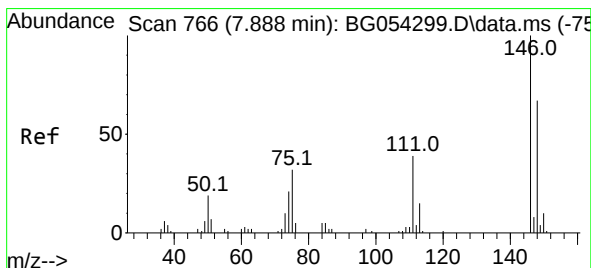
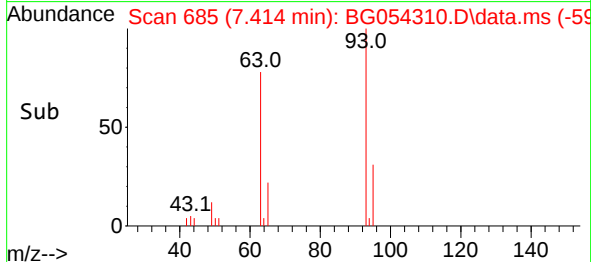
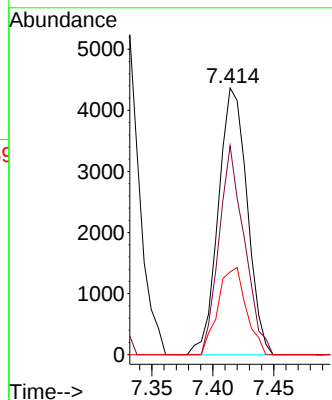
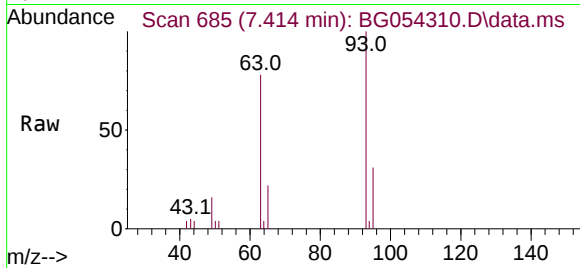




#11
bis(2-Chloroethyl)ether
Concen: 9.130 ng
RT: 7.414 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

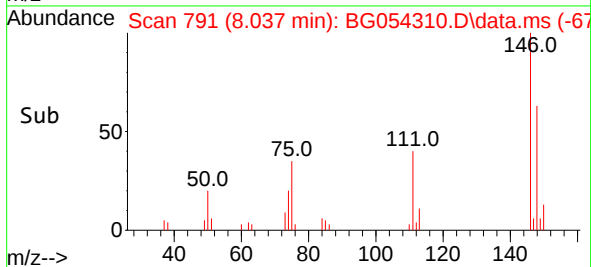
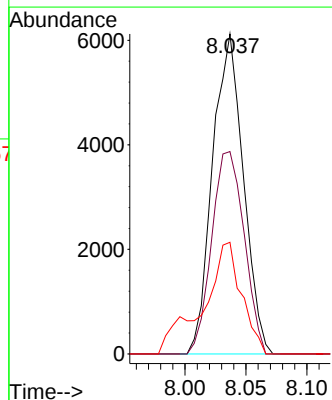
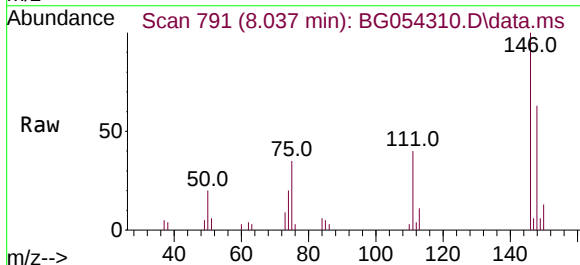
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

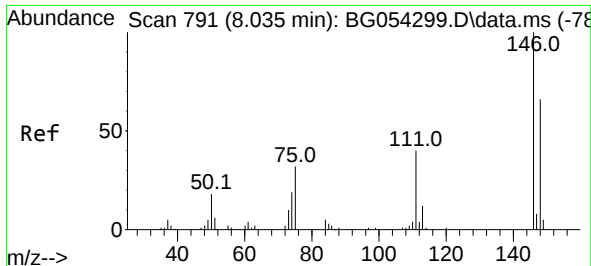
Tgt Ion: 93	Resp:	7181	
Ion	Ratio	Lower	Upper
93	100		
63	78.4	63.6	103.6
95	31.0	10.1	50.1



#12
1,3-Dichlorobenzene
Concen: 9.690 ng
RT: 8.037 min Scan# 791
Delta R.T. 0.149 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:146	Resp:	10751	
Ion	Ratio	Lower	Upper
146	100		
148	63.2	46.1	69.1
75	34.9	27.6	41.4

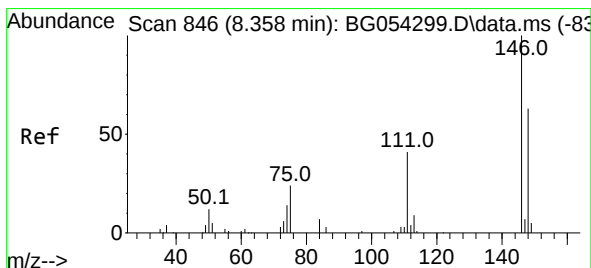
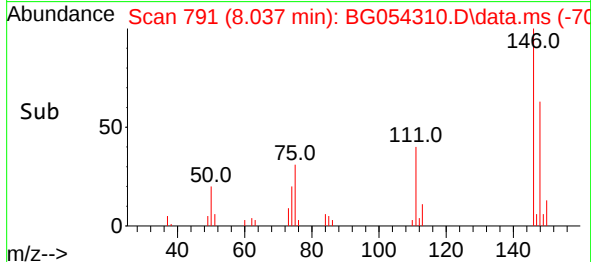
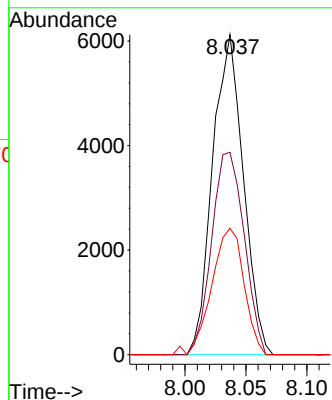
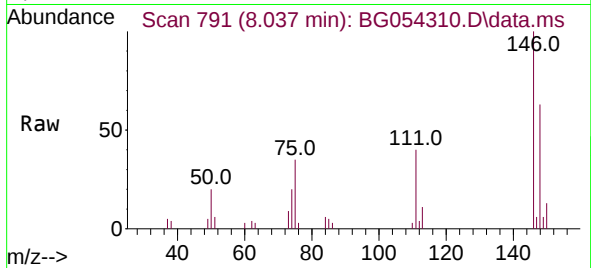




#13
1,4-Dichlorobenzene
Concen: 9.383 ng
RT: 8.037 min Scan# 791
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

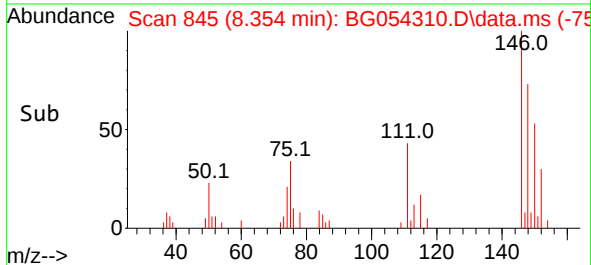
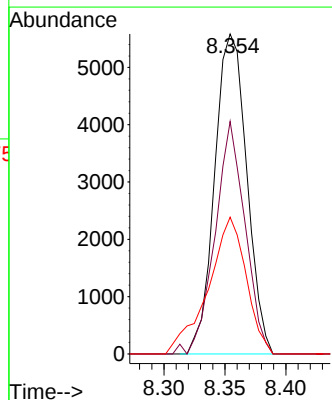
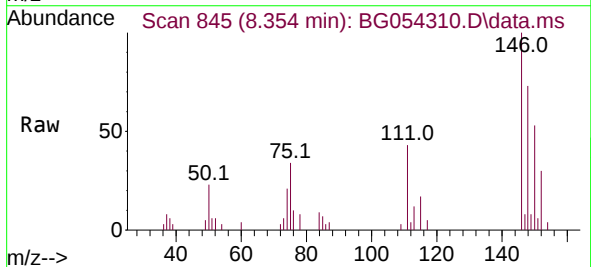
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

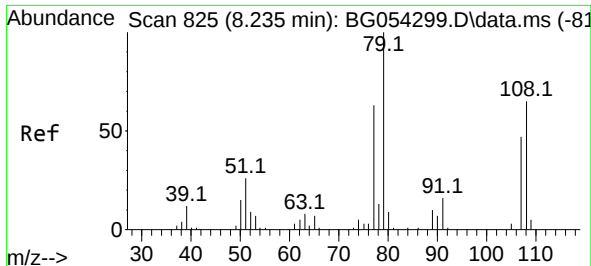
Tgt Ion:146 Resp: 10751
Ion Ratio Lower Upper
146 100
148 63.2 51.5 77.3
111 39.5 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 9.472 ng
RT: 8.354 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:146 Resp: 10234
Ion Ratio Lower Upper
146 100
148 72.7 52.6 78.8
111 42.8 34.5 51.7





#15

Benzyl Alcohol

Concen: 8.658 ng

RT: 8.237 min Scan# 81

Delta R.T. 0.002 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

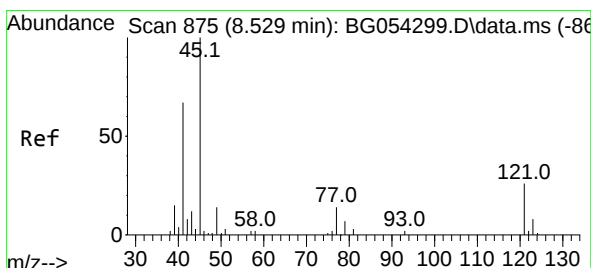
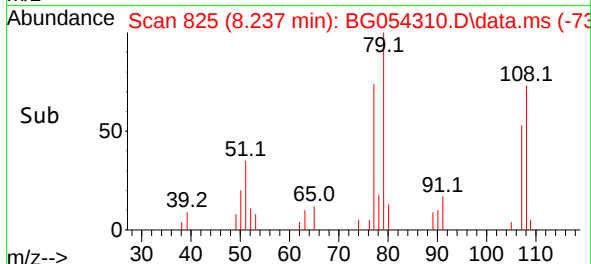
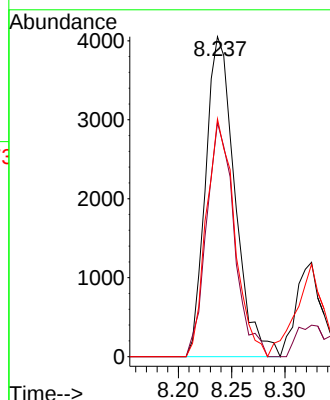
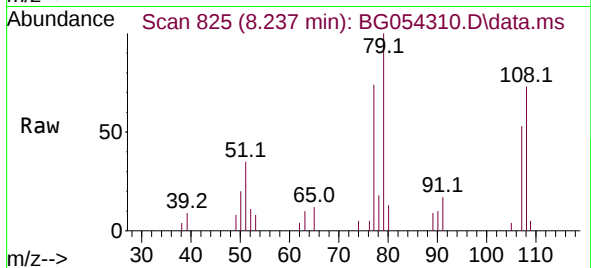
Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion:	79	Resp:	7732
Ion	Ratio	Lower	Upper
79	100		
108	73.1	53.7	80.5
77	74.3	52.2	78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.779 ng

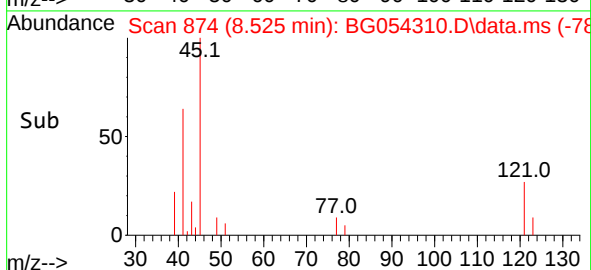
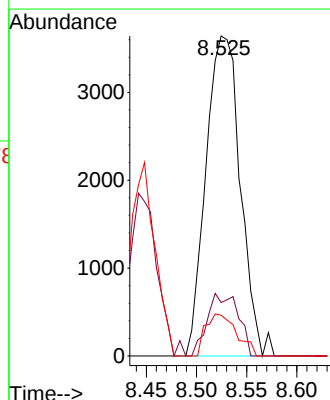
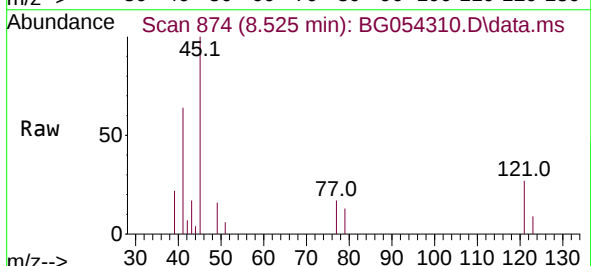
RT: 8.525 min Scan# 874

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

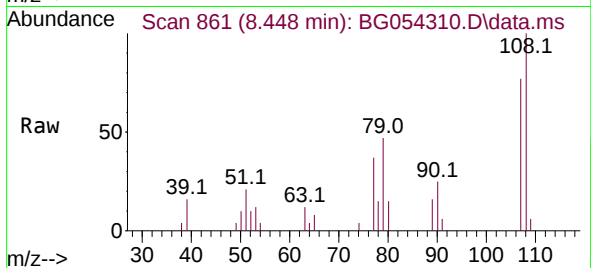
Tgt Ion:	45	Resp:	8696
Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	32.7
79	12.7	0.0	29.7



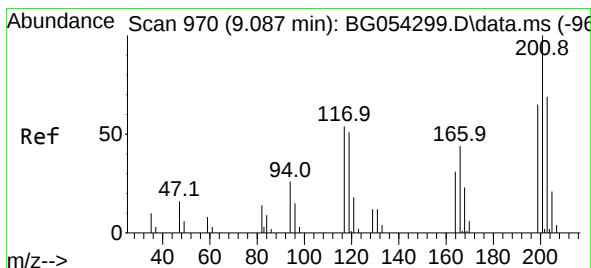
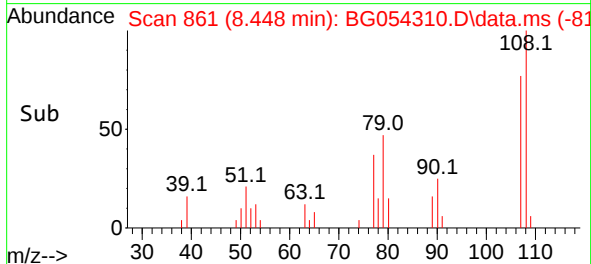
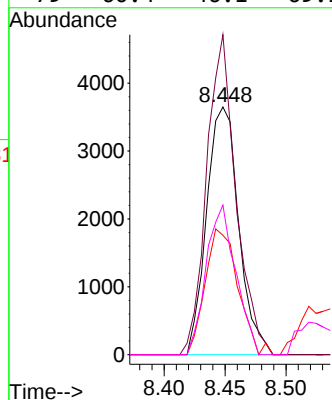


#17
2-Methylphenol
Concen: 8.613 ng
RT: 8.448 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

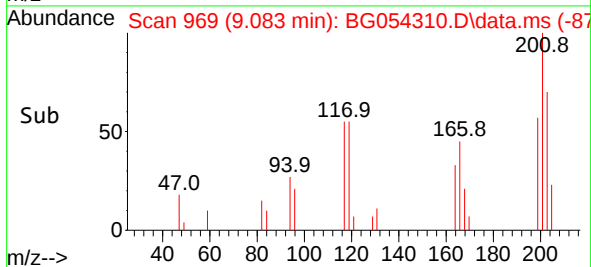
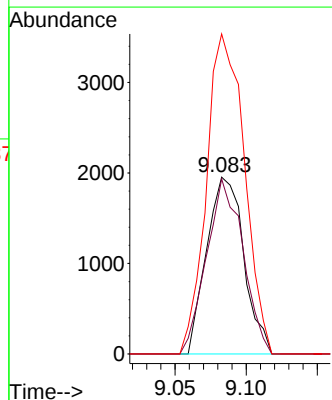
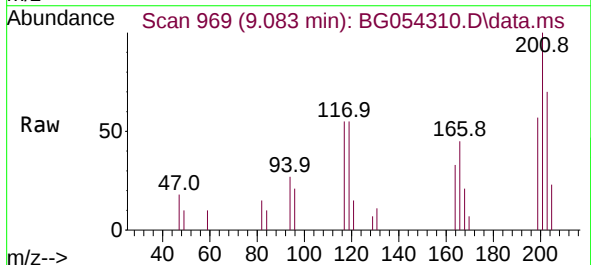


Tgt Ion:107 Resp: 6697
Ion Ratio Lower Upper
107 100
108 129.2 85.4 128.0#
77 48.2 46.2 69.2
79 60.4 46.1 69.1



#18
Hexachloroethane
Concen: 9.342 ng
RT: 9.083 min Scan# 969
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:117 Resp: 3544
Ion Ratio Lower Upper
117 100
119 99.1 75.0 112.6
201 181.1 89.0 133.6#

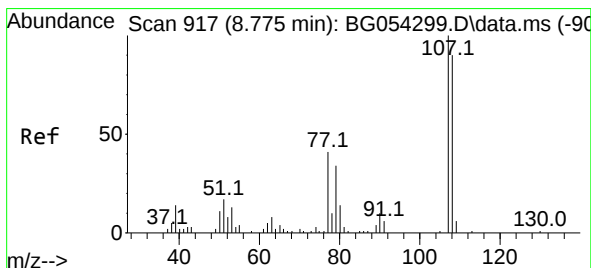
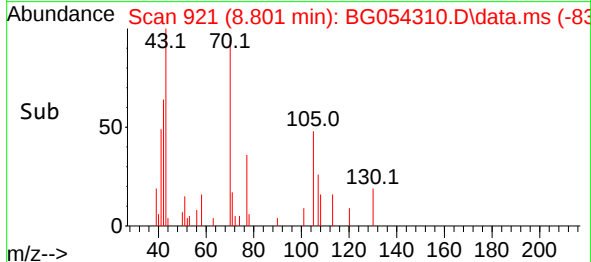
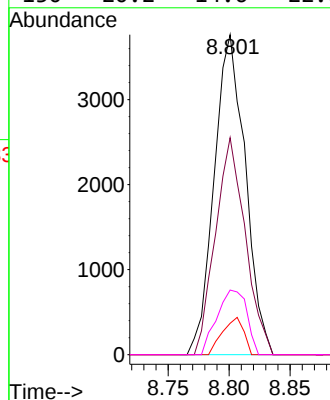
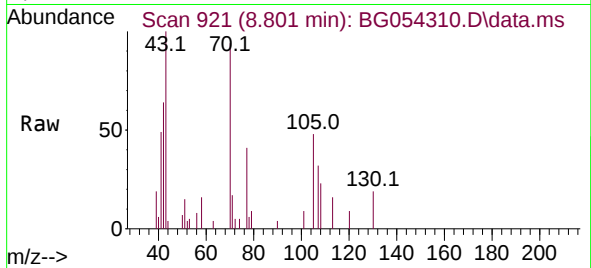




#19
n-Nitroso-di-n-propylamine
Concen: 9.219 ng
RT: 8.801 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

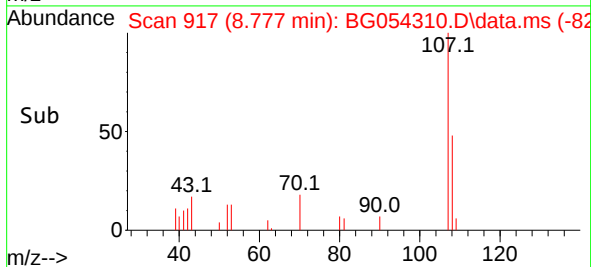
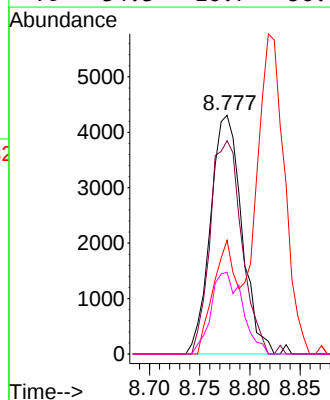
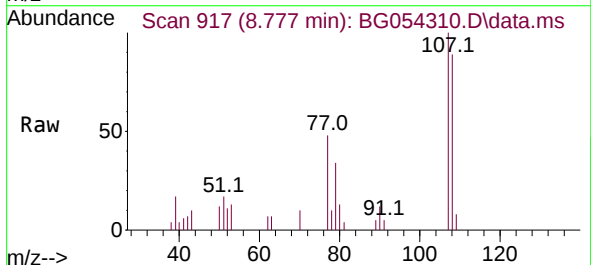
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

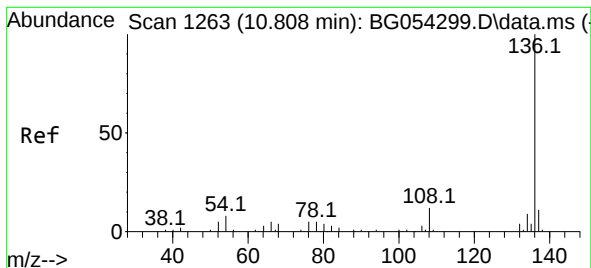
Tgt Ion:	70	Resp:	6684
Ion	Ratio	Lower	Upper
70	100		
42	67.8	47.3	70.9
101	9.8	7.0	10.4
130	20.2	14.6	22.0



#20
3+4-Methylphenols
Concen: 8.526 ng
RT: 8.777 min Scan# 917
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:	107	Resp:	9341
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.5	107.5
77	47.7	20.3	60.3
79	34.3	16.7	56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.810 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG054310.D

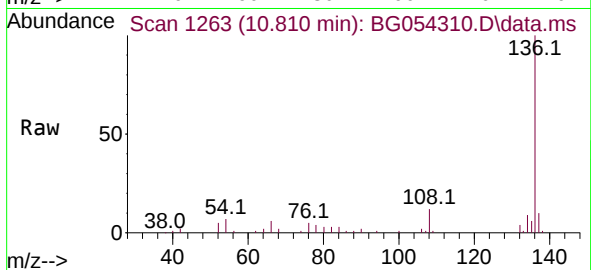
Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022



Tgt Ion:136 Resp: 60551

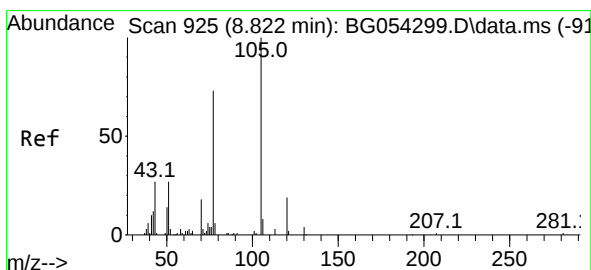
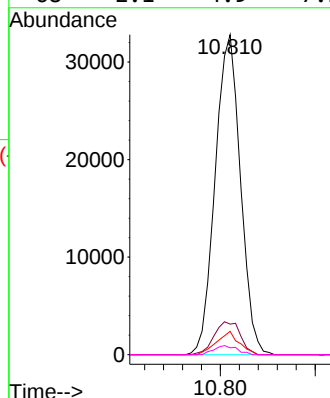
Ion Ratio Lower Upper

136 100

137 9.6 8.5 12.7

54 7.3 7.4 11.2#

68 2.1 4.9 7.3#



#22

Acetophenone

Concen: 9.642 ng

RT: 8.818 min Scan# 924

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Tgt Ion:105 Resp: 14042

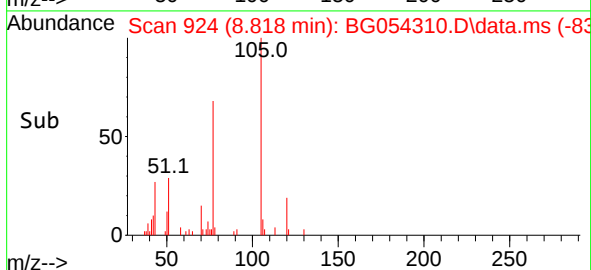
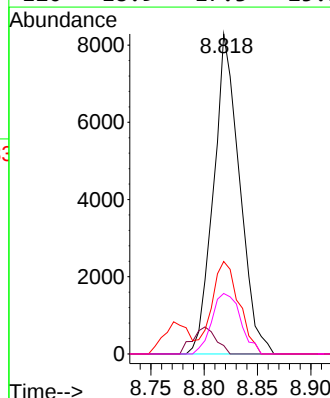
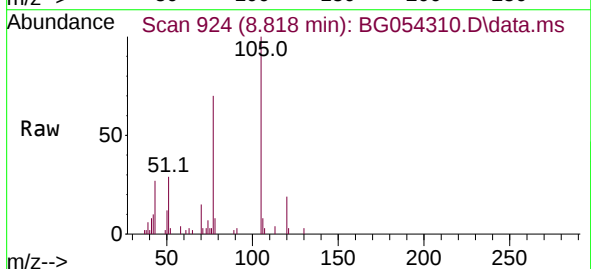
Ion Ratio Lower Upper

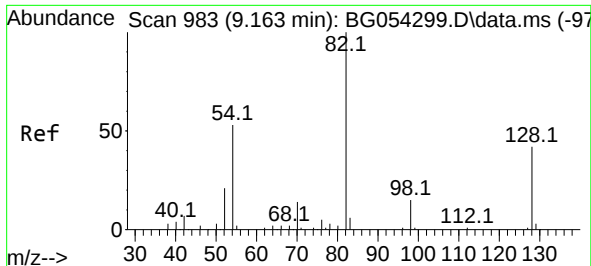
105 100

71 2.7 1.1 1.7#

51 28.9 25.4 38.0

120 18.9 17.3 25.9

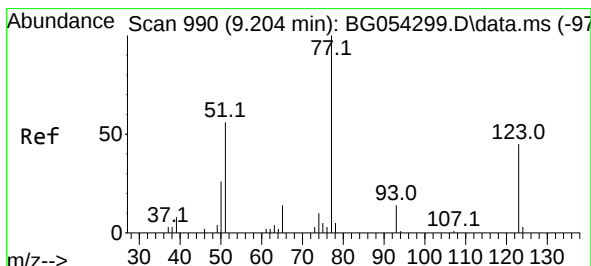
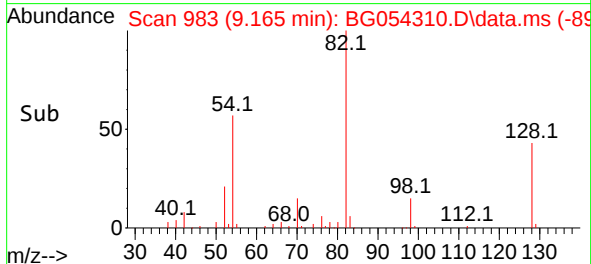
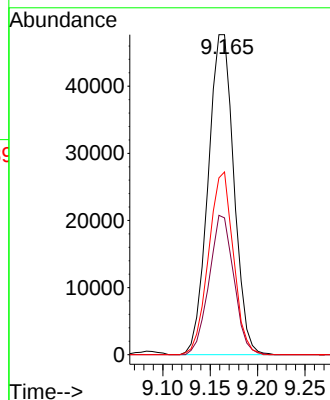
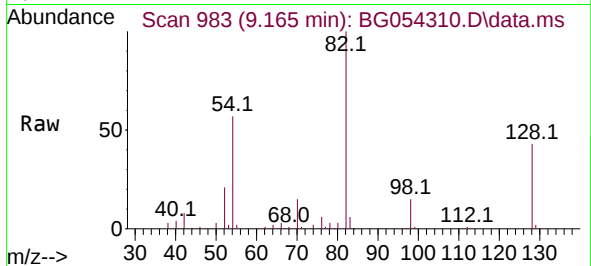




#23
Nitrobenzene-d5
Concen: 81.273 ng
RT: 9.165 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

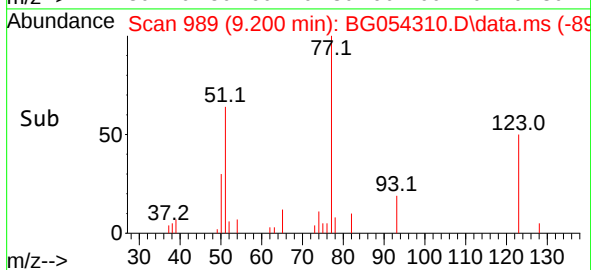
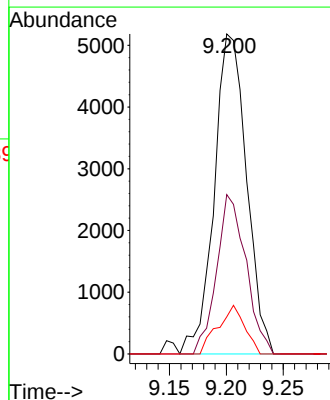
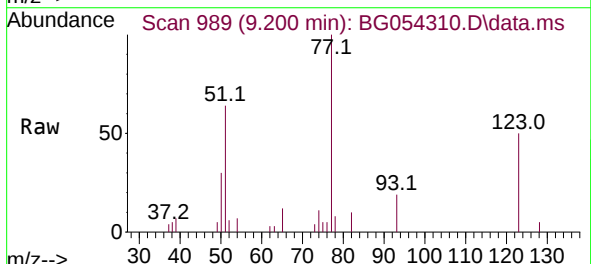
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

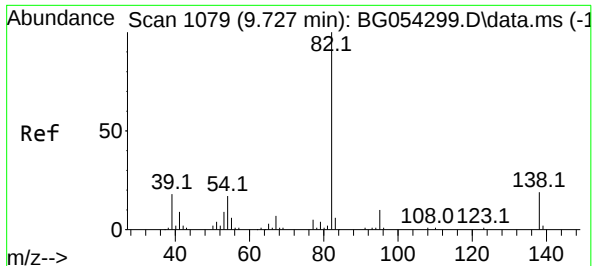
Tgt Ion: 82 Resp: 90368
Ion Ratio Lower Upper
82 100
128 42.8 27.9 41.9#
54 57.1 41.2 61.8



#24
Nitrobenzene
Concen: 9.413 ng
RT: 9.200 min Scan# 989
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion: 77 Resp: 10229
Ion Ratio Lower Upper
77 100
123 49.8 27.4 41.0#
65 11.6 11.4 17.0

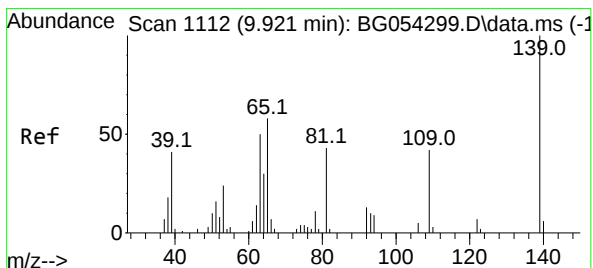
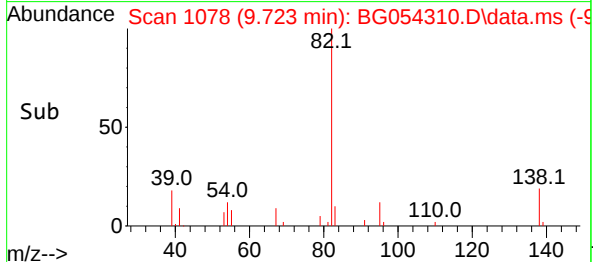
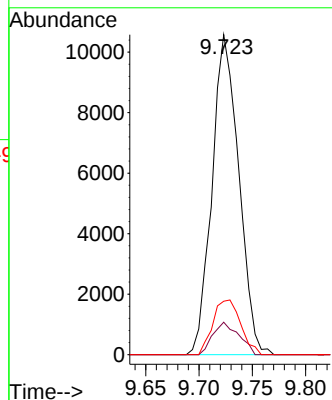
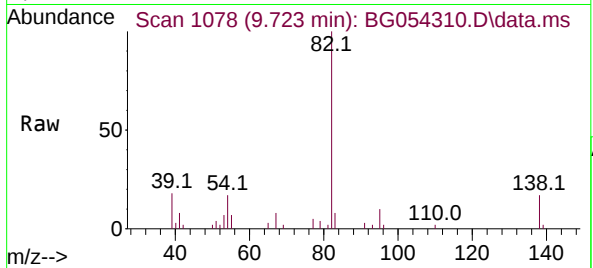




#25
Isophorone
Concen: 9.555 ng
RT: 9.723 min Scan# 1078
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

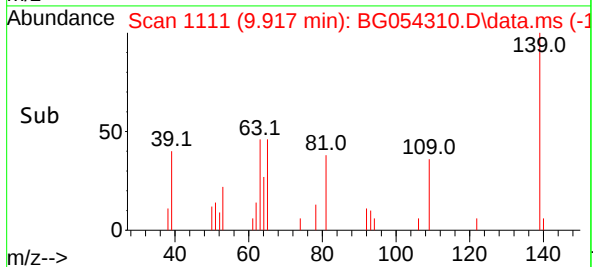
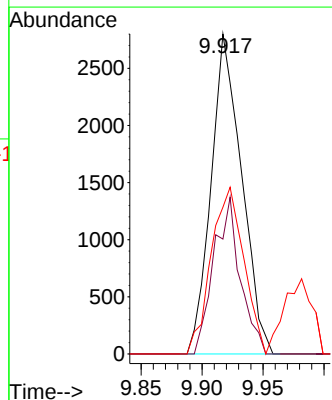
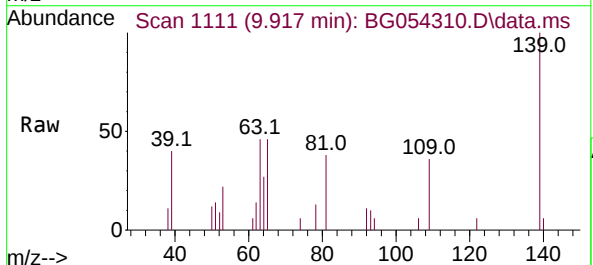
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2022

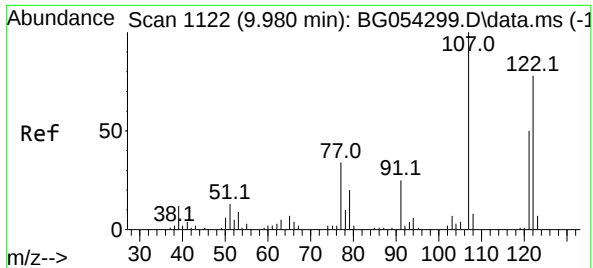
Tgt Ion: 82 Resp: 18477
Ion Ratio Lower Upper
82 100
95 10.2 6.2 9.4#
138 16.7 11.6 17.4



#26
2-Nitrophenol
Concen: 8.918 ng
RT: 9.917 min Scan# 1111
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:139 Resp: 4885
Ion Ratio Lower Upper
139 100
109 35.9 36.1 54.1#
65 45.9 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 11.363 ng

RT: 9.982 min Scan# 1122

Delta R.T. 0.002 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

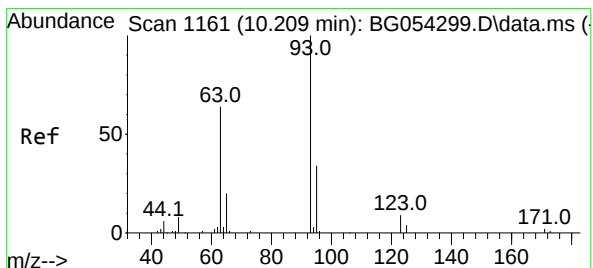
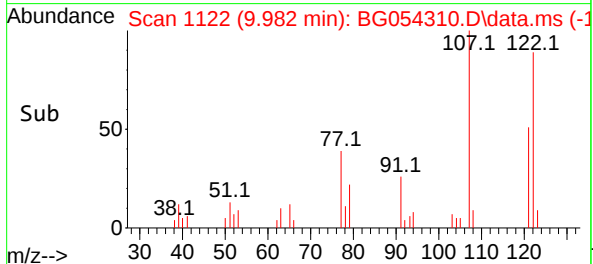
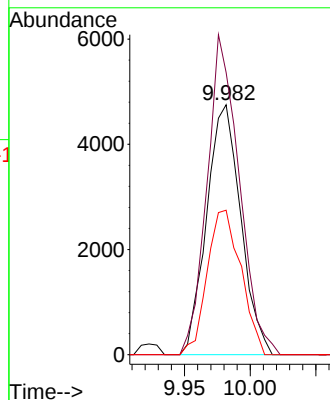
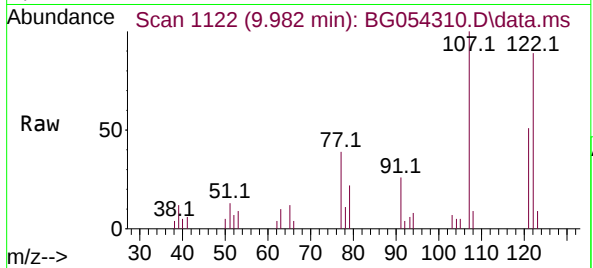
Tgt Ion:122 Resp: 8598

Ion Ratio Lower Upper

122 100

107 113.0 109.4 164.0

121 57.8 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 10.244 ng

RT: 10.211 min Scan# 1161

Delta R.T. 0.002 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

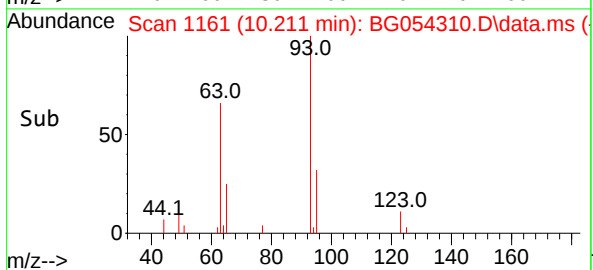
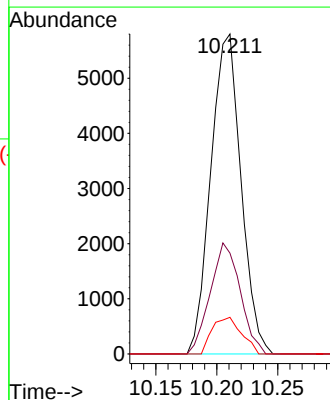
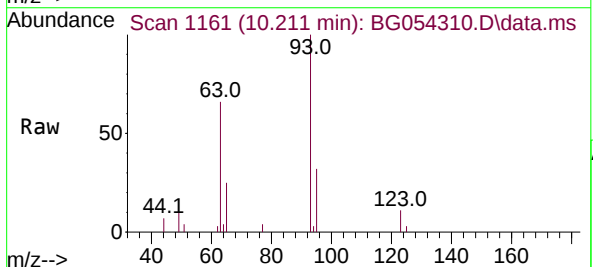
Tgt Ion: 93 Resp: 9991

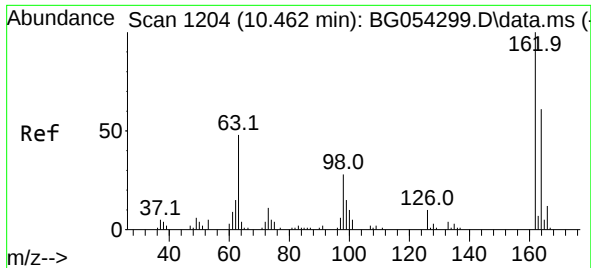
Ion Ratio Lower Upper

93 100

95 31.5 26.9 40.3

123 11.4 7.7 11.5

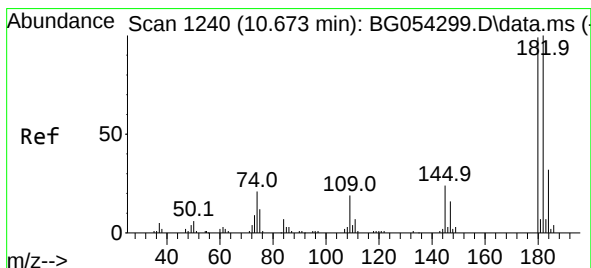
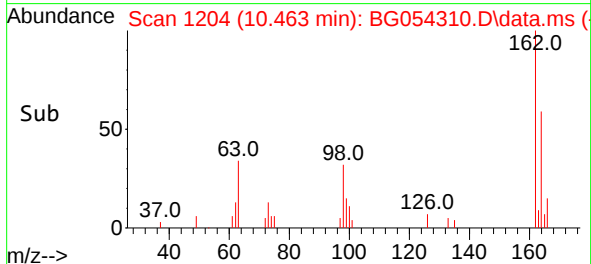
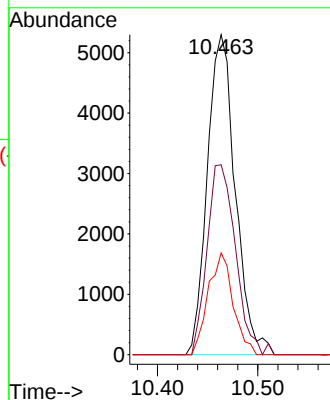
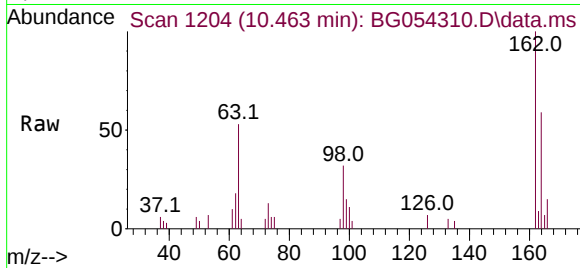




#29
2,4-Dichlorophenol
Concen: 8.975 ng
RT: 10.463 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

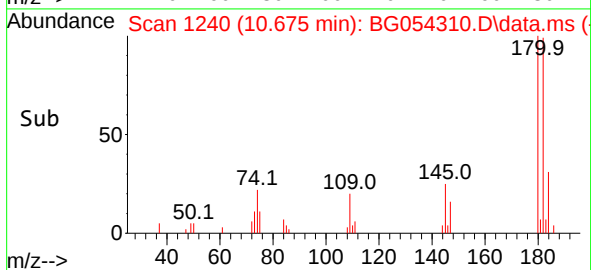
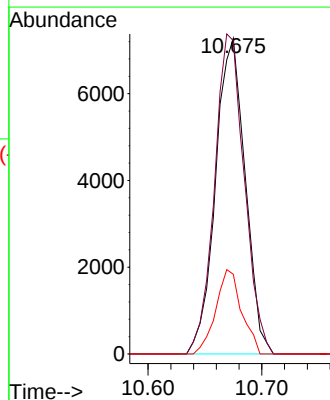
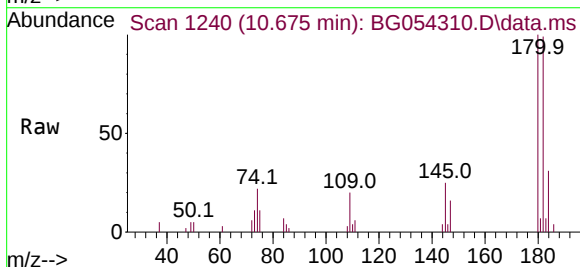
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

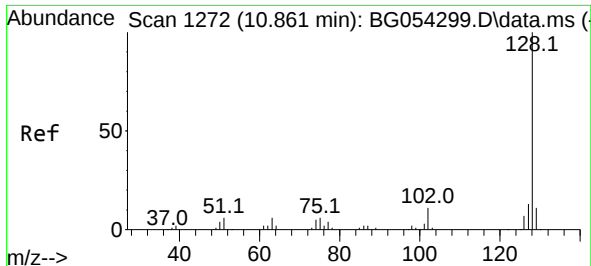
Tgt Ion:162	Resp:	10251
Ion Ratio	Lower	Upper
162	100	
164	59.3	46.6 86.6
98	31.8	22.8 62.8



#30
1,2,4-Trichlorobenzene
Concen: 9.321 ng
RT: 10.675 min Scan# 1240
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:180	Resp:	13184
Ion Ratio	Lower	Upper
180	100	
182	99.3	76.6 115.0
145	25.3	25.0 37.4

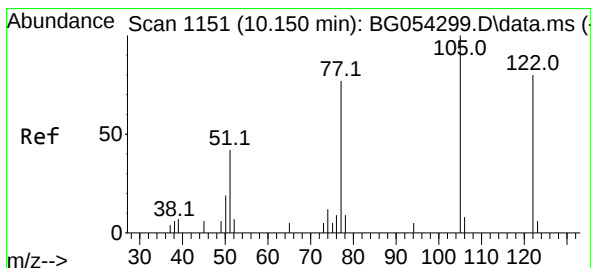
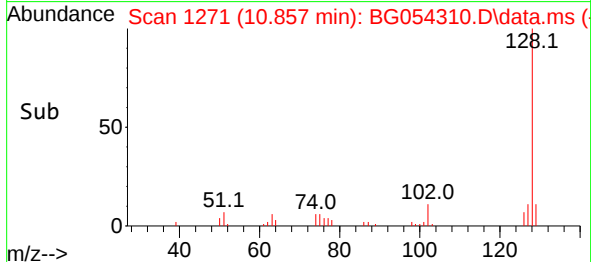
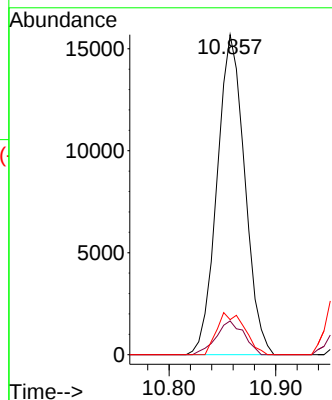
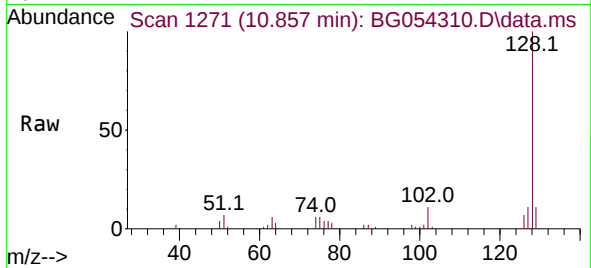




#31
Naphthalene
Concen: 9.291 ng
RT: 10.857 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

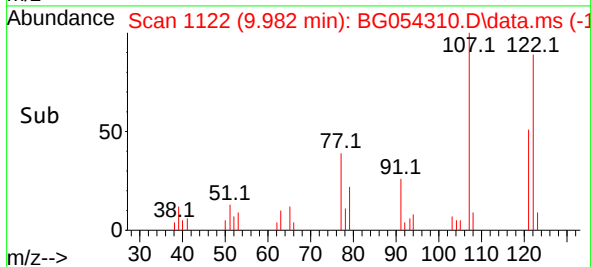
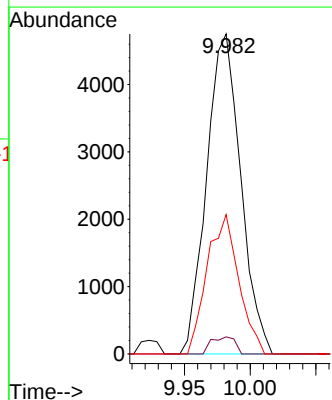
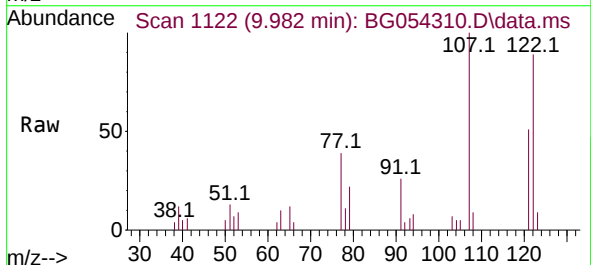
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion:128 Resp: 28241
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 11.0 11.1 16.7#



#32
Benzoic acid
Concen: 35.622 ng
RT: 9.982 min Scan# 1122
Delta R.T. -0.168 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

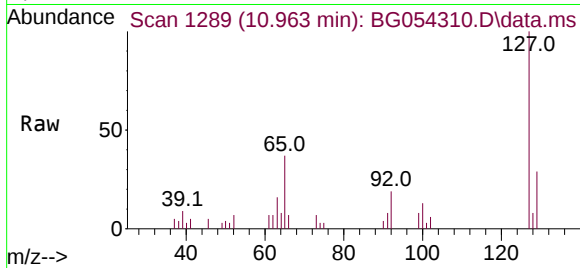
Tgt Ion:122 Resp: 8598
Ion Ratio Lower Upper
122 100
105 5.3 111.8 151.8#
77 43.6 109.4 149.4#



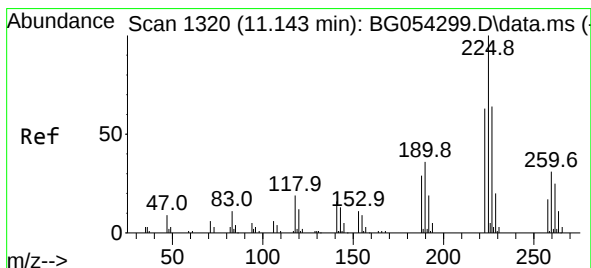
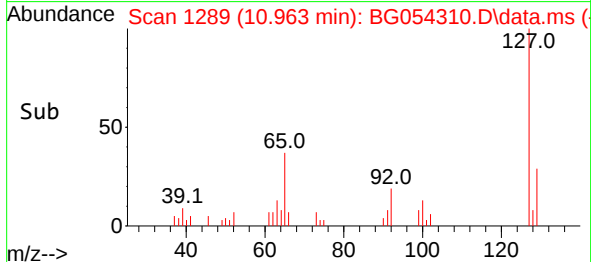
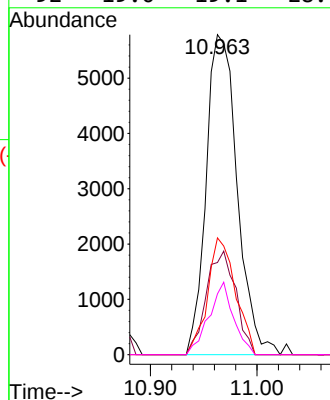


#33
4-Chloroaniline
Concen: 9.470 ng
RT: 10.963 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

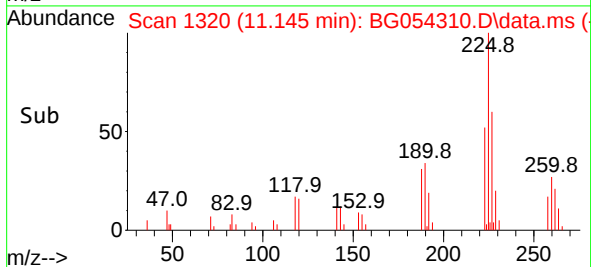
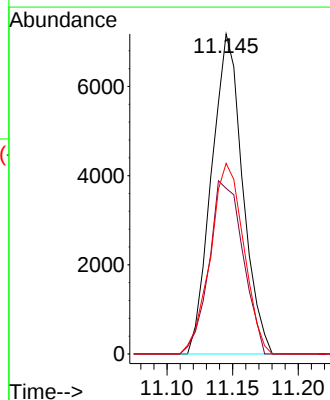
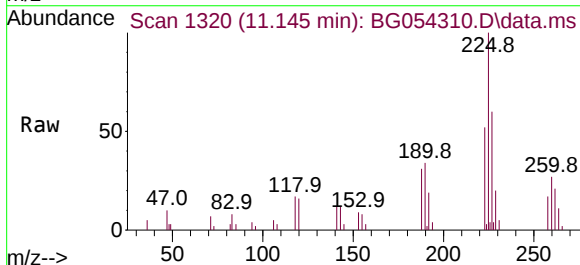


Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.8	26.3	39.5
65	36.5	31.1	46.7
92	19.0	19.1	28.7



#34
Hexachlorobutadiene
Concen: 9.466 ng
RT: 11.145 min Scan# 1320
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	49.7	48.9	73.3
227	60.9	52.8	79.2

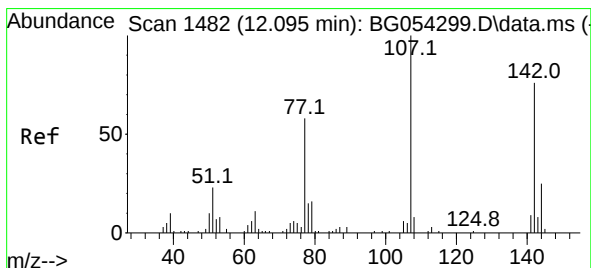
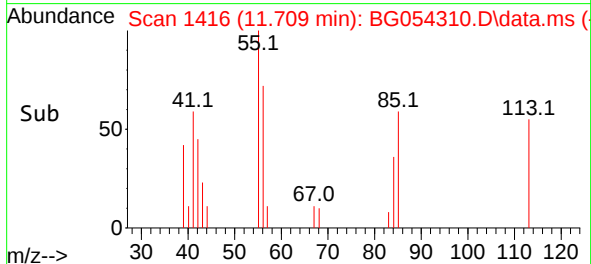
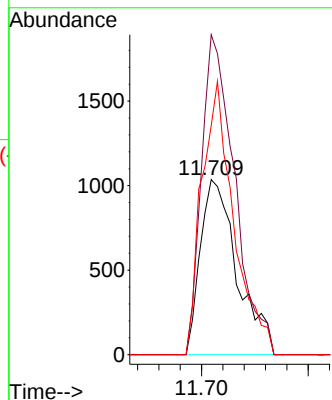
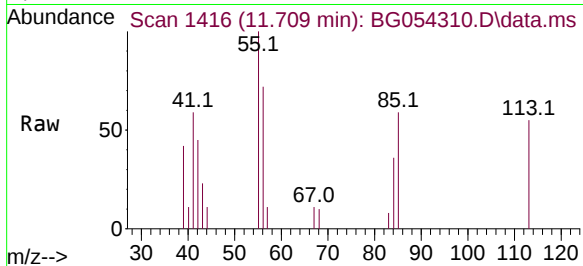




#35
Caprolactam
Concen: 8.613 ng
RT: 11.709 min Scan# 1421
Delta R.T. -0.028 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

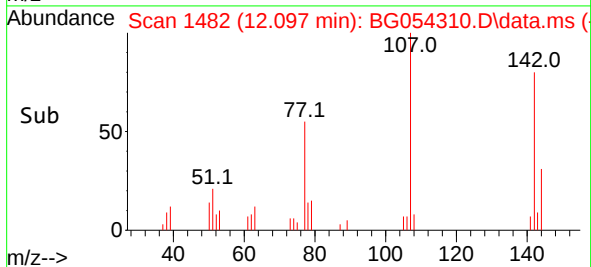
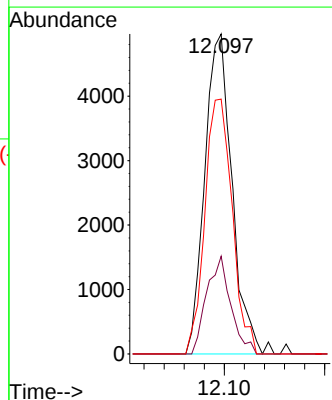
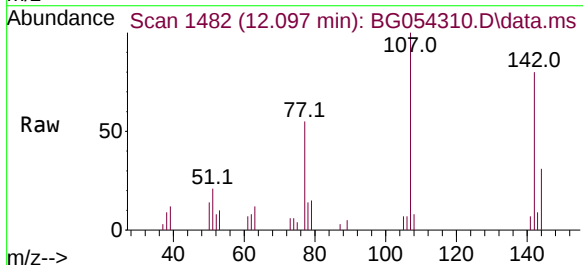
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion:113 Resp: 2477
Ion Ratio Lower Upper
113 100
55 182.9 169.8 209.8
56 130.9 141.2 181.2#



#36
4-Chloro-3-methylphenol
Concen: 9.027 ng
RT: 12.097 min Scan# 1482
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:107 Resp: 9379
Ion Ratio Lower Upper
107 100
144 30.6 18.5 27.7#
142 79.6 55.0 82.4

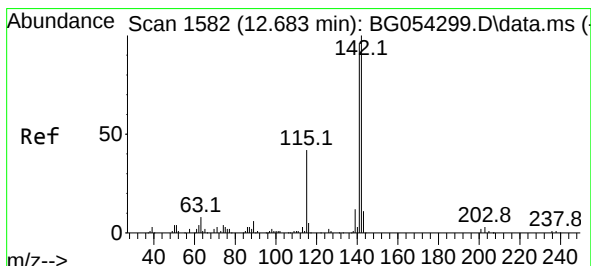
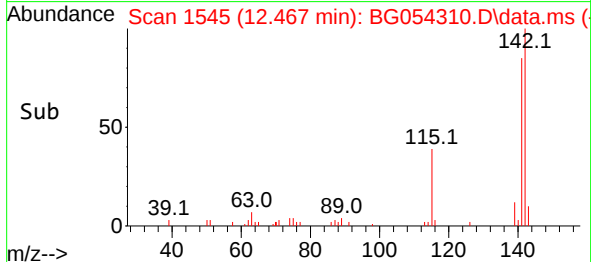
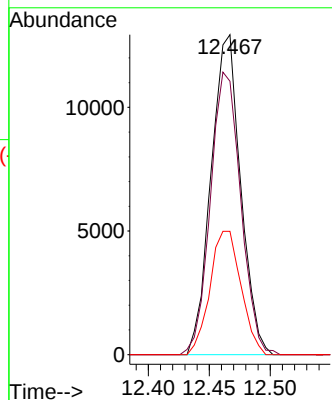
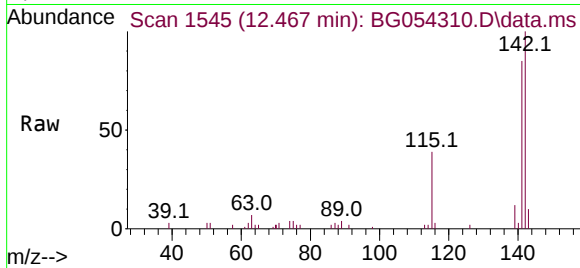




#37
2-Methylnaphthalene
Concen: 9.363 ng
RT: 12.467 min Scan# 1545
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

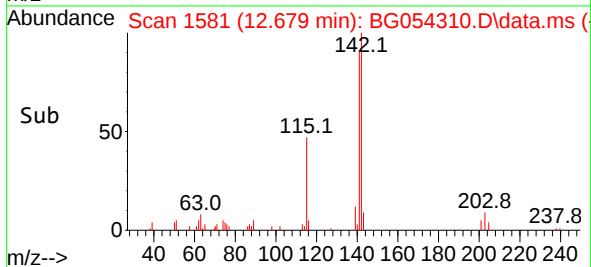
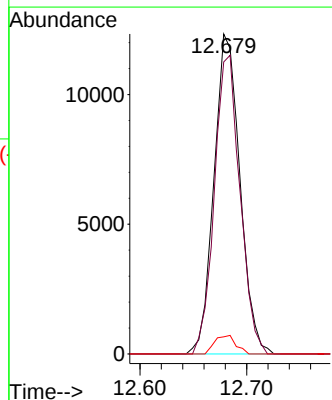
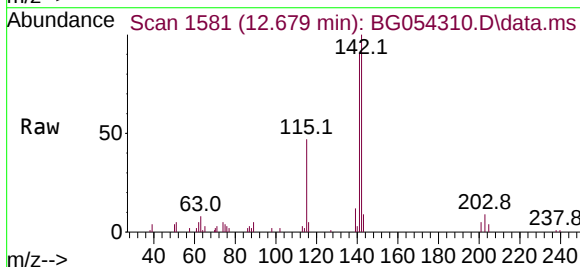
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

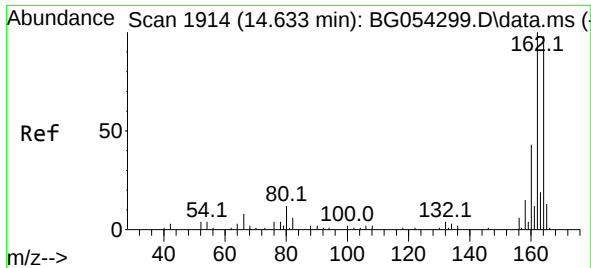
Tgt Ion:142 Resp: 21854
Ion Ratio Lower Upper
142 100
141 85.5 72.3 108.5
115 38.6 33.7 50.5



#38
1-Methylnaphthalene
Concen: 9.156 ng
RT: 12.679 min Scan# 1581
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:142 Resp: 20825
Ion Ratio Lower Upper
142 100
141 91.2 76.4 114.6
116 5.4 3.3 4.9#

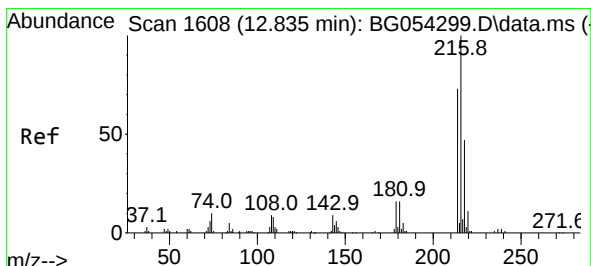
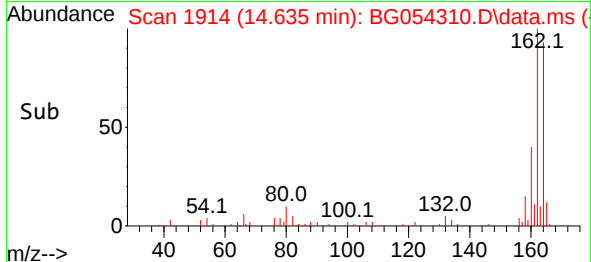
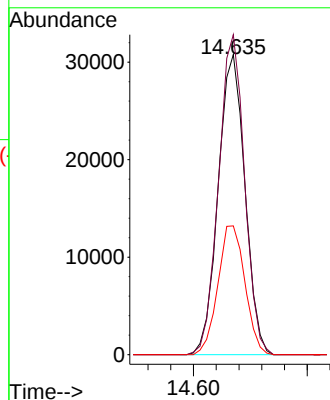
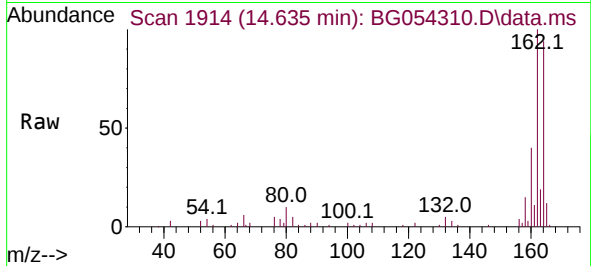




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.635 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

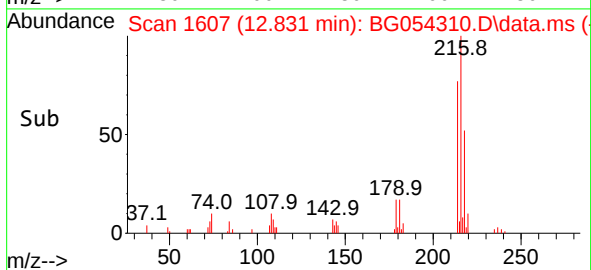
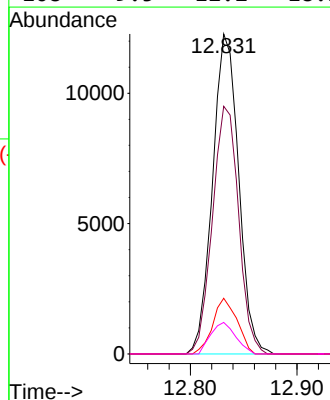
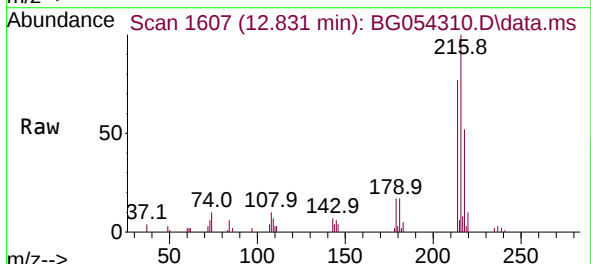
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

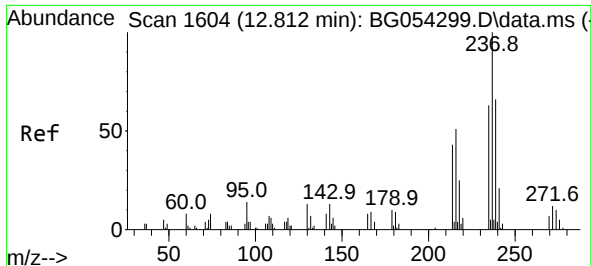
Tgt Ion:164 Resp: 50194
Ion Ratio Lower Upper
164 100
162 106.6 82.3 123.5
160 42.9 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.460 ng
RT: 12.831 min Scan# 1607
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:216 Resp: 20803
Ion Ratio Lower Upper
216 100
214 77.6 62.9 94.3
179 16.2 16.1 24.1
108 9.5 12.2 18.2#

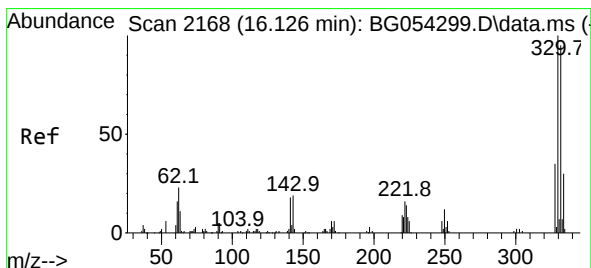
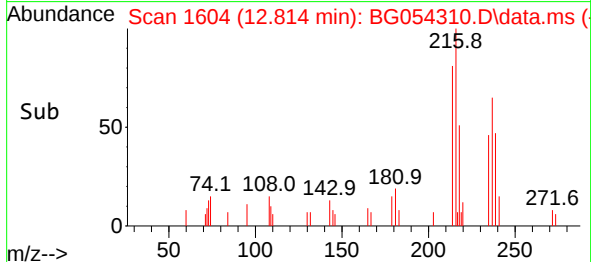
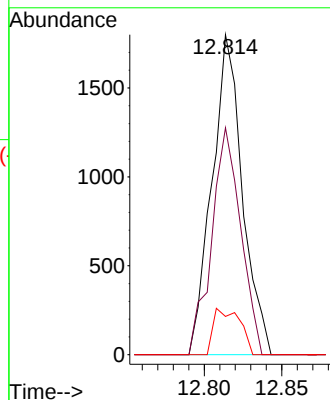
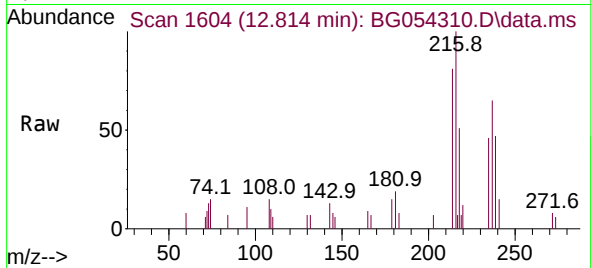




#41
Hexachlorocyclopentadiene
Concen: 4.753 ng
RT: 12.814 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

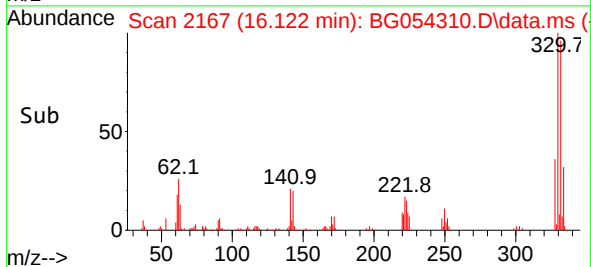
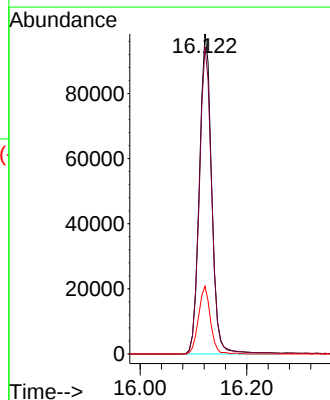
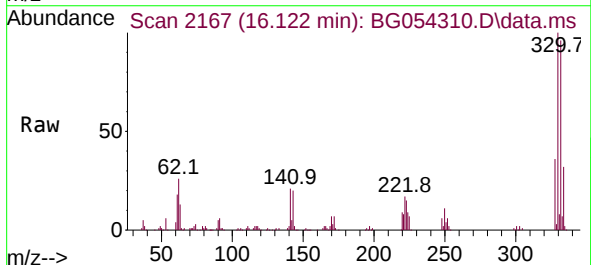
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

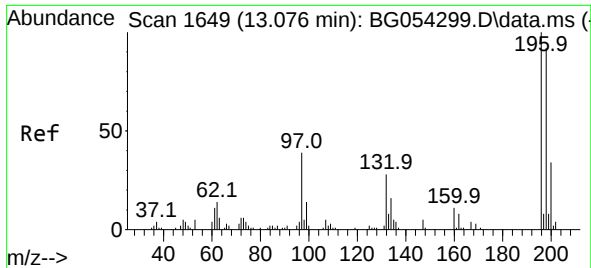
Tgt Ion:237 Resp: 2452
Ion Ratio Lower Upper
237 100
235 70.9 43.5 83.5
272 11.9 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 149.418 ng
RT: 16.122 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:330 Resp: 157470
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 20.4 27.1 40.7#

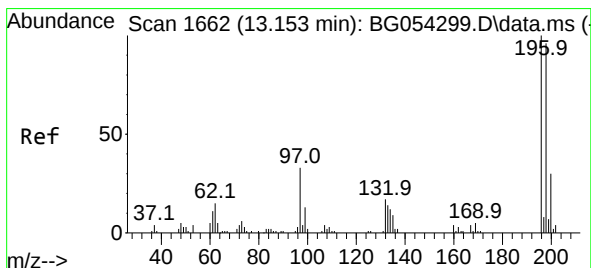
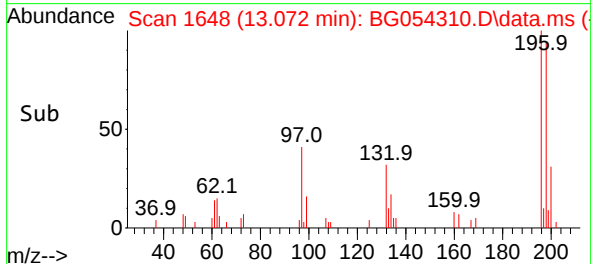
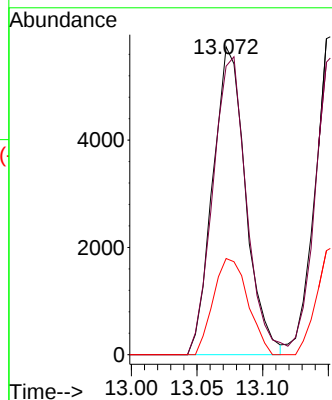
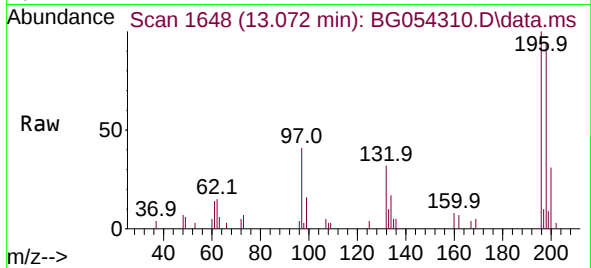




#43
2,4,6-Trichlorophenol
Concen: 8.365 ng
RT: 13.072 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

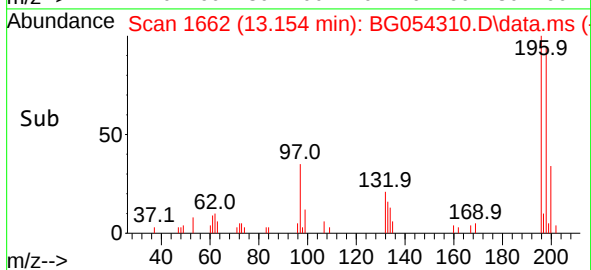
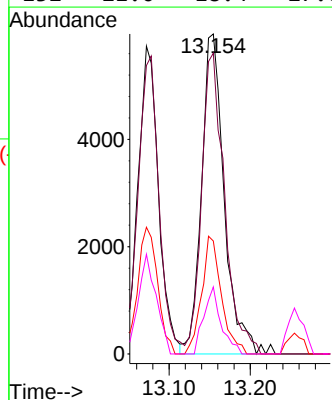
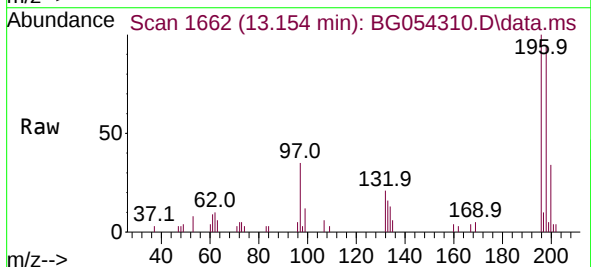
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

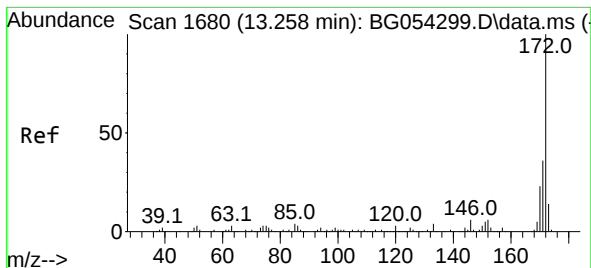
Tgt Ion:196 Resp: 10016
Ion Ratio Lower Upper
196 100
198 93.7 74.1 111.1
200 31.2 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 8.579 ng
RT: 13.154 min Scan# 1662
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:196 Resp: 11606
Ion Ratio Lower Upper
196 100
198 94.0 76.8 115.2
97 35.3 39.8 59.6#
132 21.0 18.4 27.6





#45

2-Fluorobiphenyl

Concen: 82.072 ng

RT: 13.254 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

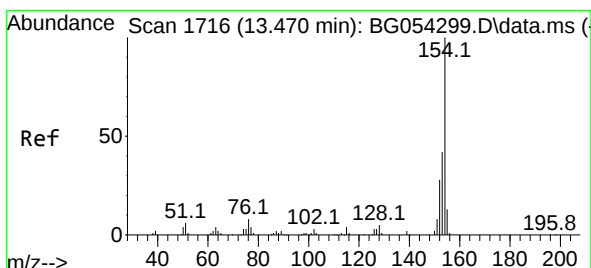
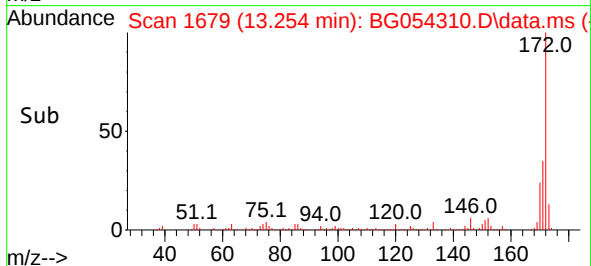
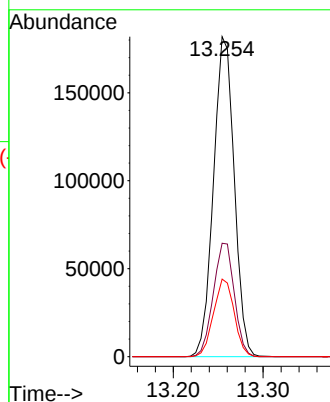
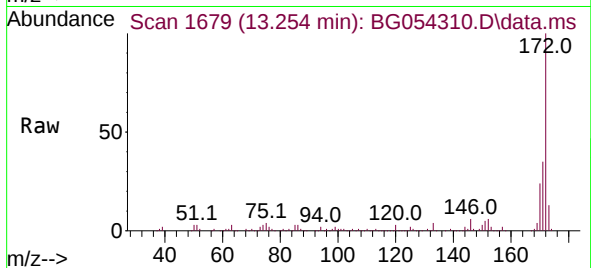
Tgt Ion:172 Resp: 292022

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 9.504 ng

RT: 13.466 min Scan# 1715

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

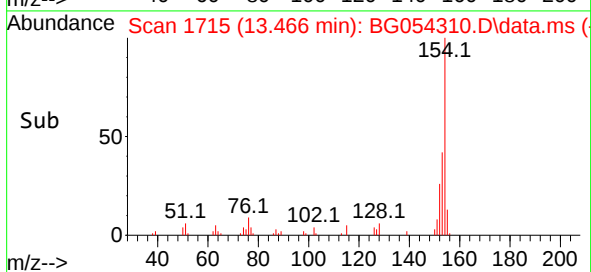
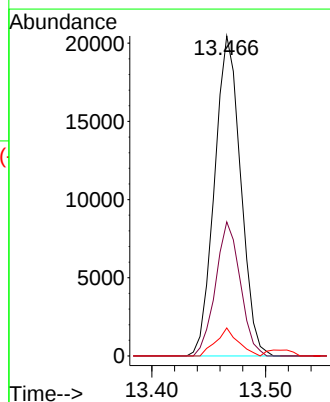
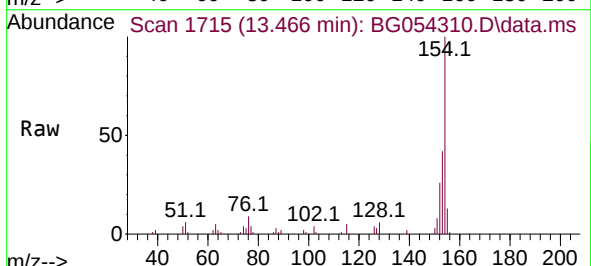
Tgt Ion:154 Resp: 32635

Ion Ratio Lower Upper

154 100

153 41.9 21.6 61.6

76 8.8 0.0 32.6

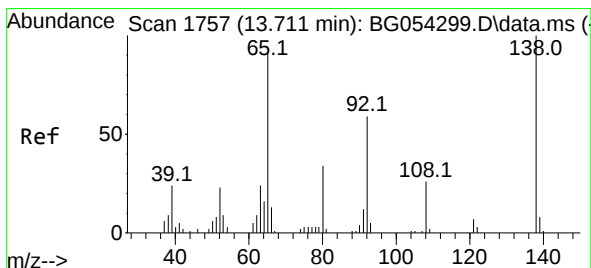
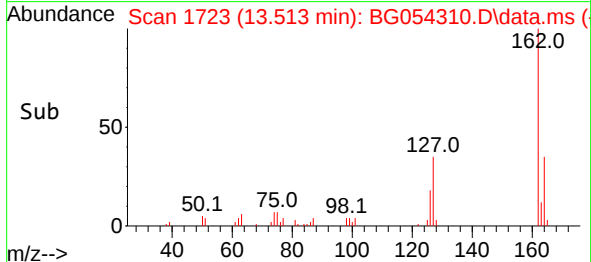
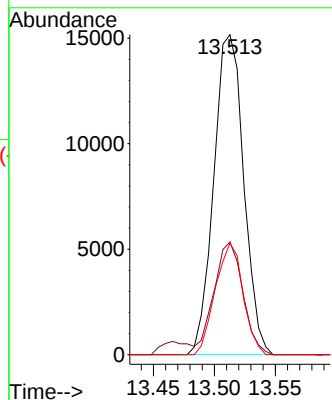
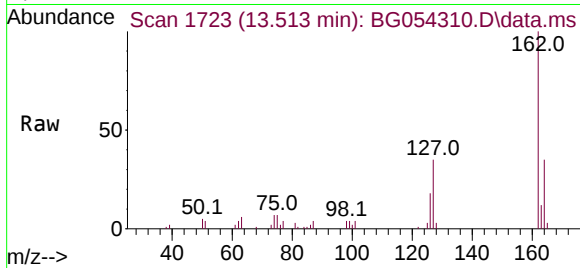




#47
2-Chloronaphthalene
Concen: 9.007 ng
RT: 13.513 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

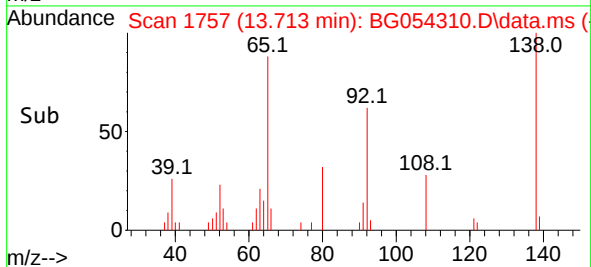
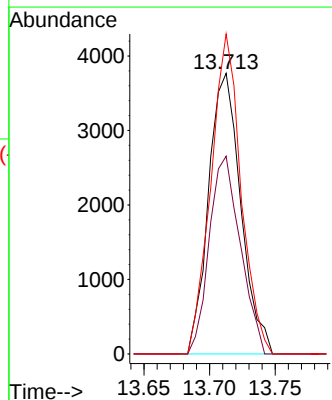
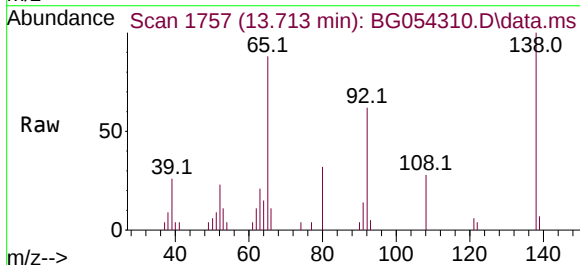
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

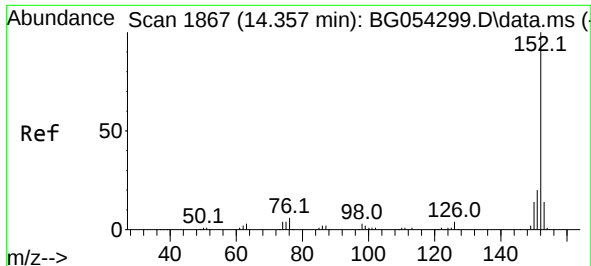
Tgt Ion:162 Resp: 25884
Ion Ratio Lower Upper
162 100
127 35.3 30.6 45.8
164 34.9 26.5 39.7



#48
2-Nitroaniline
Concen: 8.591 ng
RT: 13.713 min Scan# 1757
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion: 65 Resp: 6443
Ion Ratio Lower Upper
65 100
92 70.5 51.5 77.3
138 114.0 71.3 106.9#

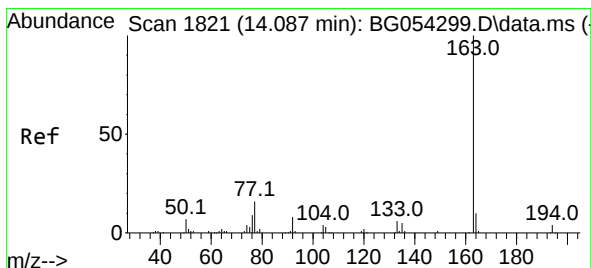
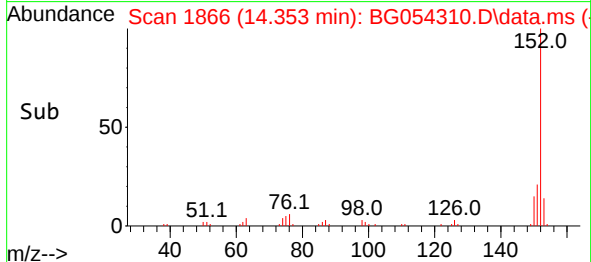
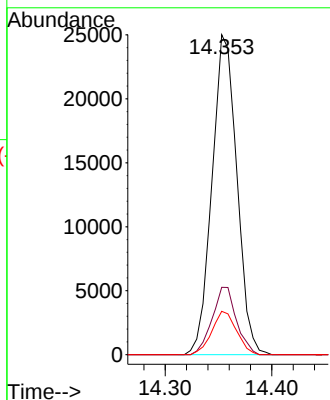
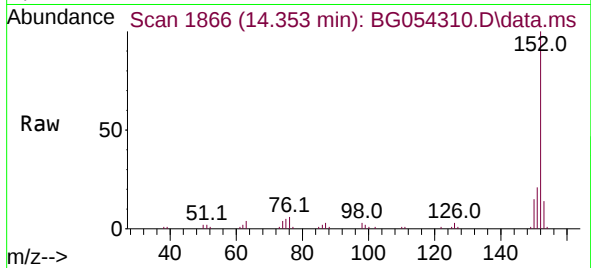




#49
Acenaphthylene
Concen: 9.486 ng
RT: 14.353 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

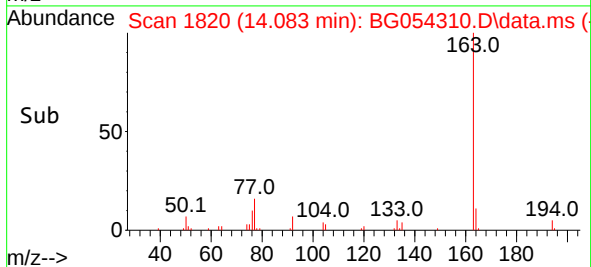
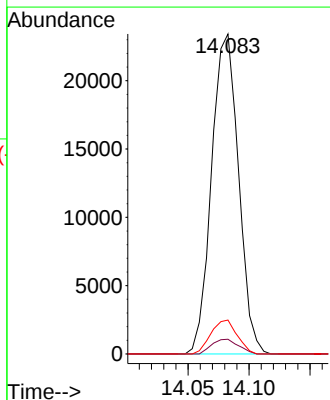
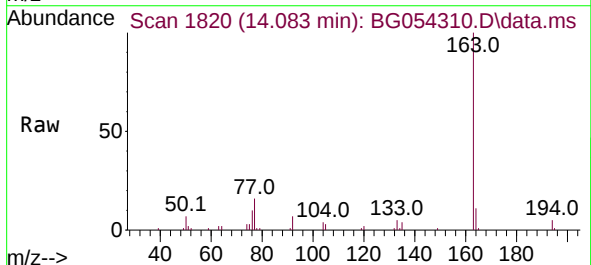
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion:152 Resp: 40508
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 9.196 ng
RT: 14.083 min Scan# 1820
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:163 Resp: 36053
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6#
164 10.6 8.0 12.0

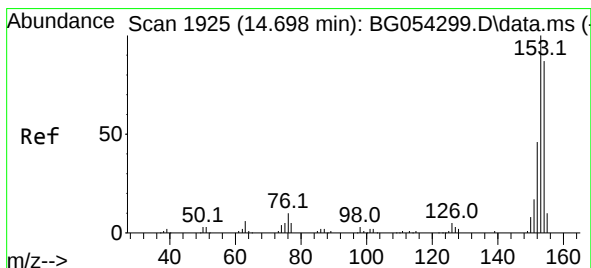
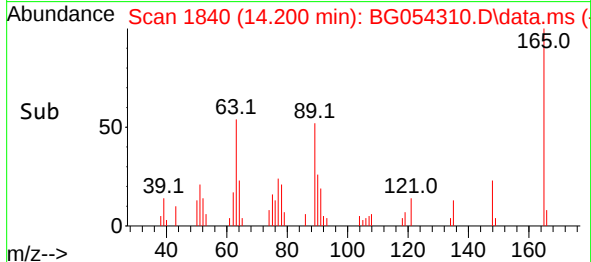
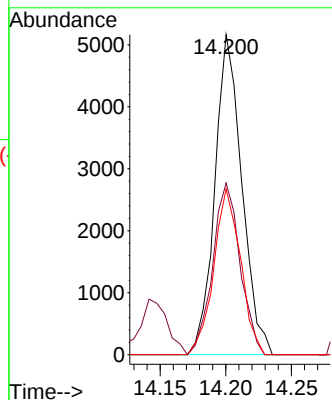
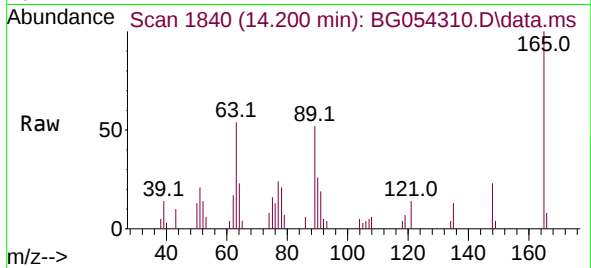




#51
2,6-Dinitrotoluene
Concen: 8.595 ng
RT: 14.200 min Scan# 1841
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

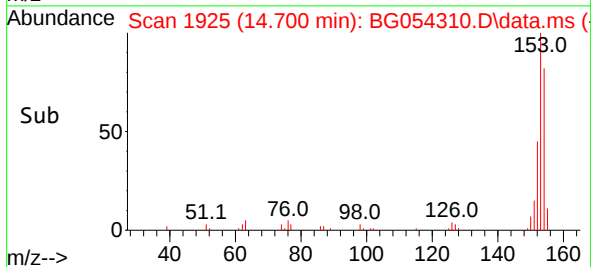
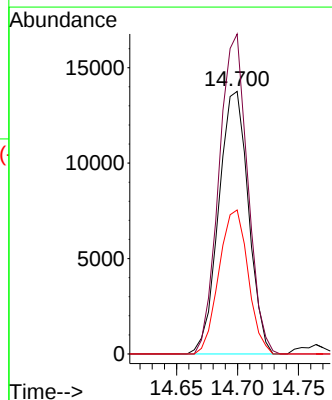
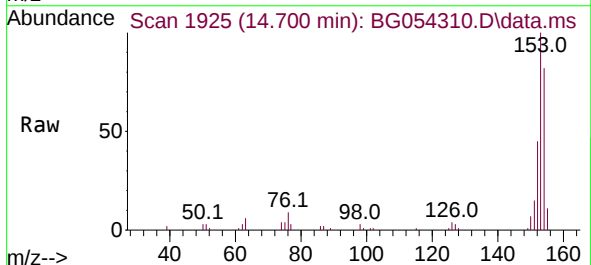
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

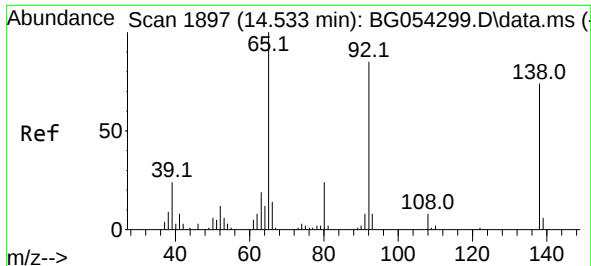
Tgt Ion:165 Resp: 7391
Ion Ratio Lower Upper
165 100
63 53.6 54.1 81.1#
89 51.8 54.8 82.2#



#52
Acenaphthene
Concen: 9.012 ng
RT: 14.700 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:154 Resp: 23303
Ion Ratio Lower Upper
154 100
153 121.8 92.7 139.1
152 54.8 42.6 64.0

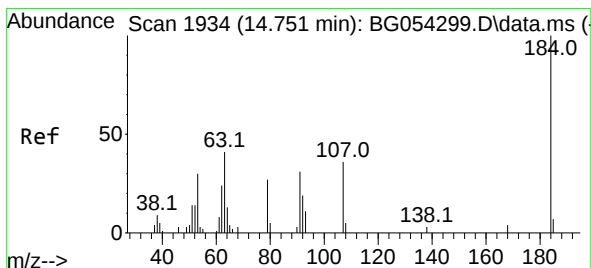
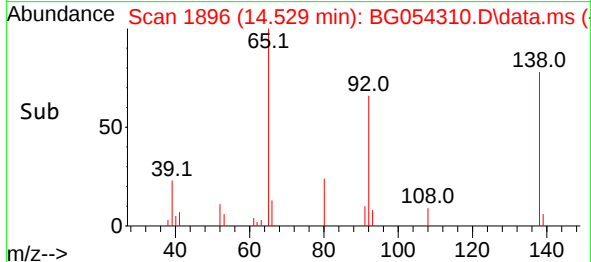
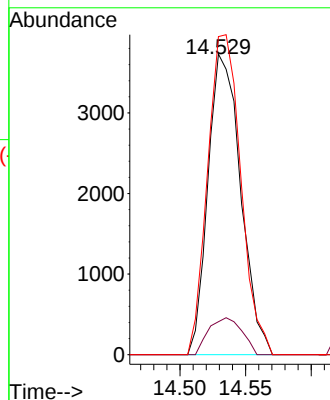
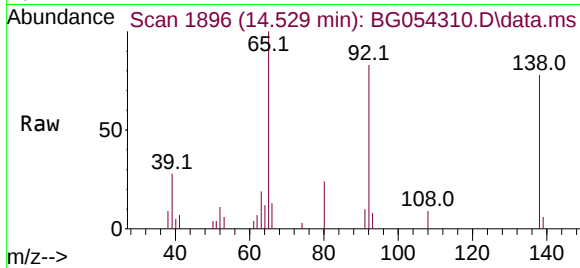




#53
3-Nitroaniline
Concen: 8.981 ng
RT: 14.529 min Scan# 1896
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

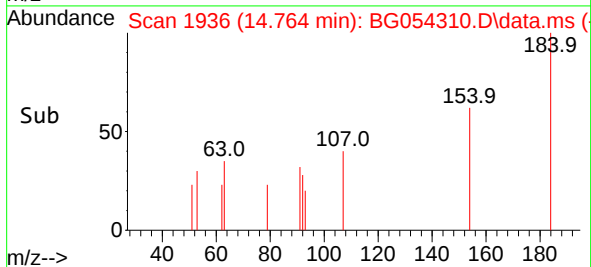
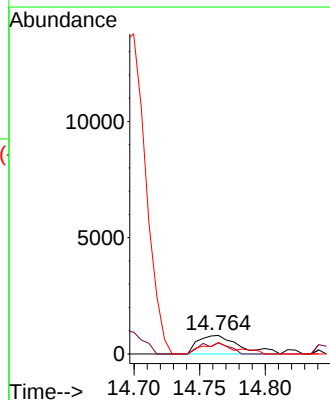
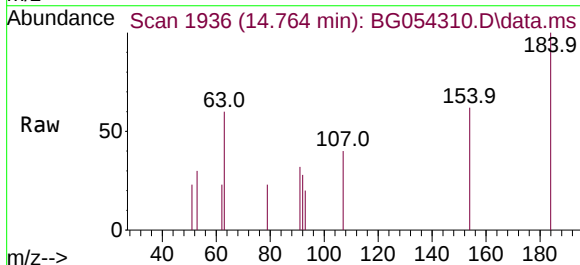
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

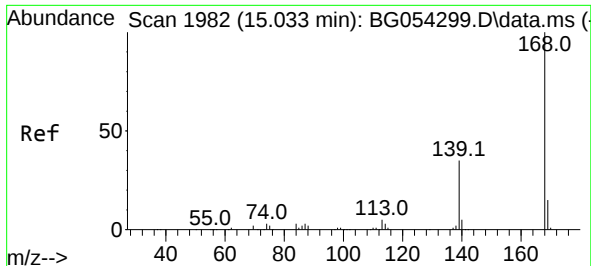
Tgt Ion:138 Resp: 6459
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 105.8 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 4.145 ng
RT: 14.764 min Scan# 1936
Delta R.T. 0.013 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:184 Resp: 1732
Ion Ratio Lower Upper
184 100
63 59.7 61.1 91.7#
154 62.0 60.6 91.0

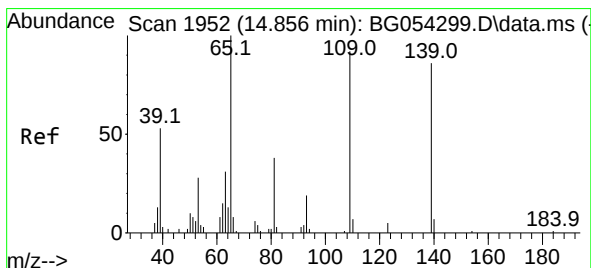
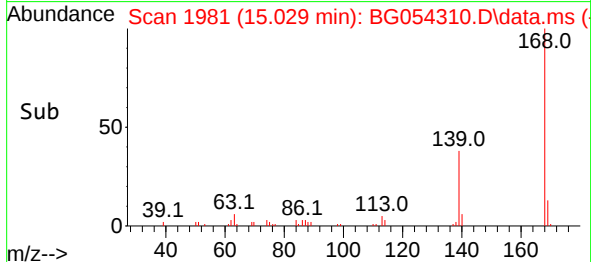
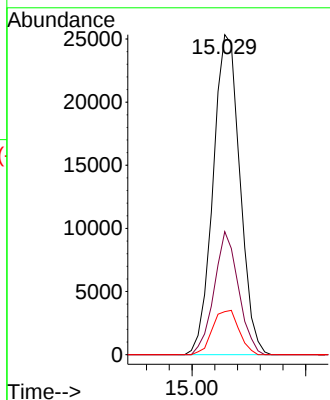
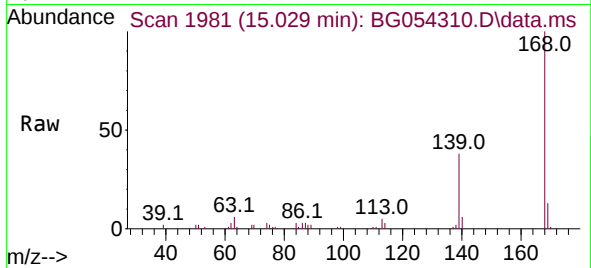




#55
Dibenzofuran
Concen: 9.019 ng
RT: 15.029 min Scan# 1981
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

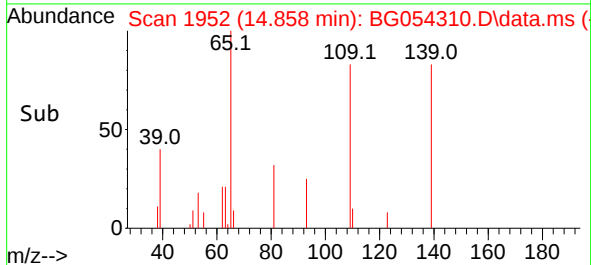
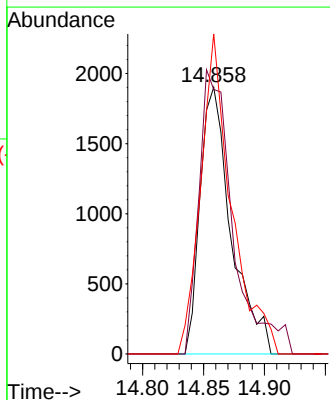
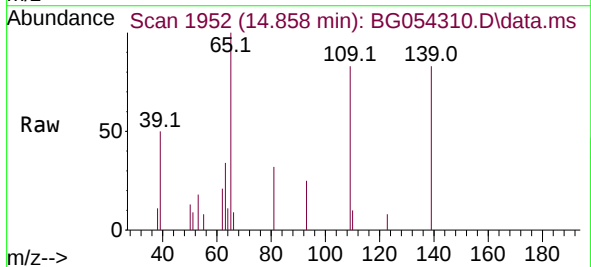
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

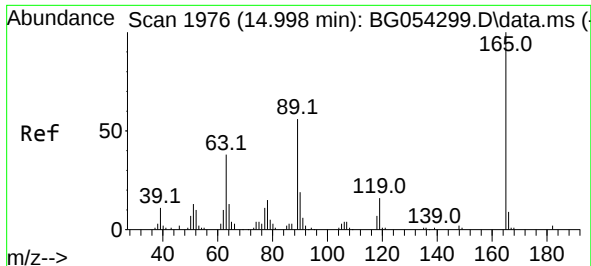
Tgt Ion:168 Resp: 41494
Ion Ratio Lower Upper
168 100
139 38.5 30.5 45.7
169 13.5 10.3 15.5



#56
4-Nitrophenol
Concen: 7.038 ng
RT: 14.858 min Scan# 1952
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:139 Resp: 3377
Ion Ratio Lower Upper
139 100
109 99.2 88.5 128.5
65 120.0 93.9 133.9

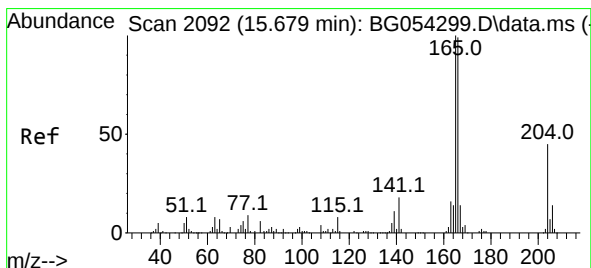
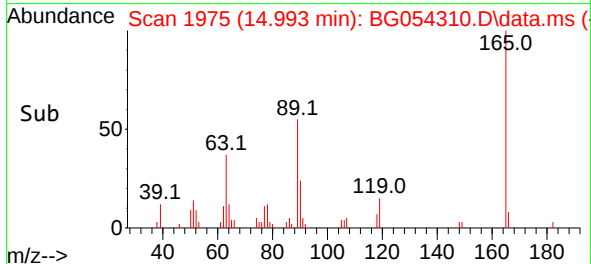
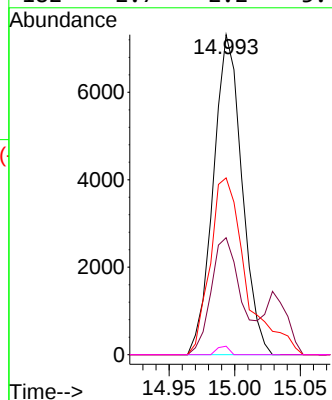
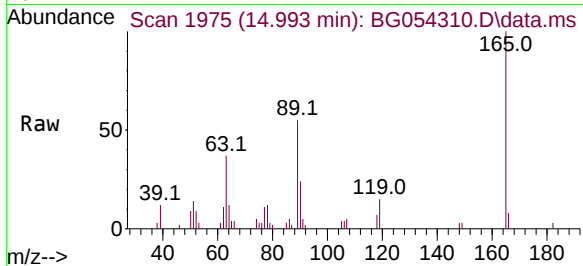




#57
2,4-Dinitrotoluene
Concen: 8.988 ng
RT: 14.993 min Scan# 1975
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

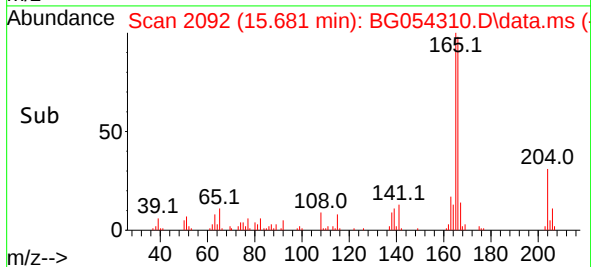
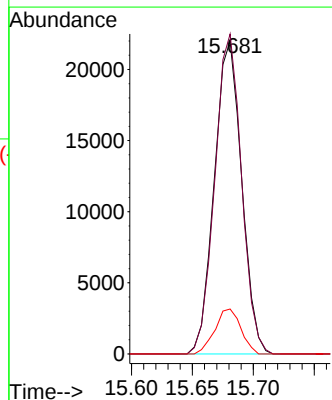
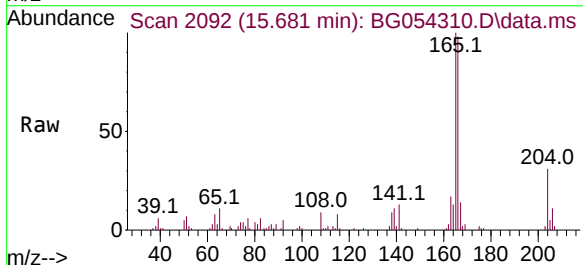
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

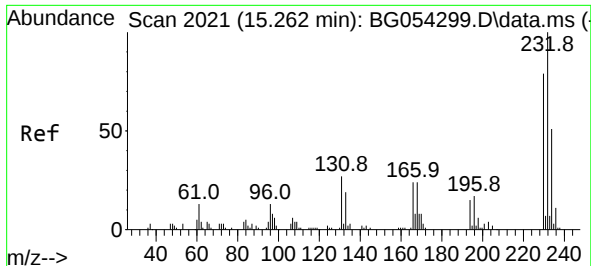
Tgt Ion:165	Resp:	11080
Ion Ratio	Lower	Upper
165	100	
63	36.5	34.6 52.0
89	55.3	60.3 90.5#
182	2.7	2.2 3.4



#58
Fluorene
Concen: 9.061 ng
RT: 15.681 min Scan# 2092
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:166	Resp:	34277
Ion Ratio	Lower	Upper
166	100	
165	102.3	75.0 112.6
167	14.4	10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.960 ng

RT: 15.264 min Scan# 2021

Delta R.T. 0.002 min

Lab File: BG054310.D

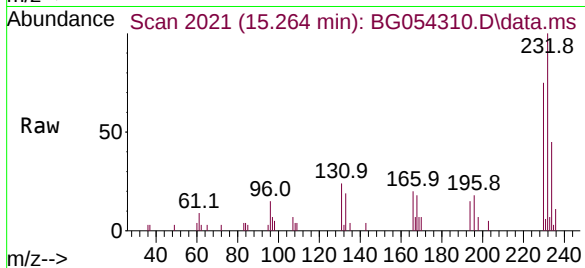
Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022



Tgt Ion:232 Resp: 10485

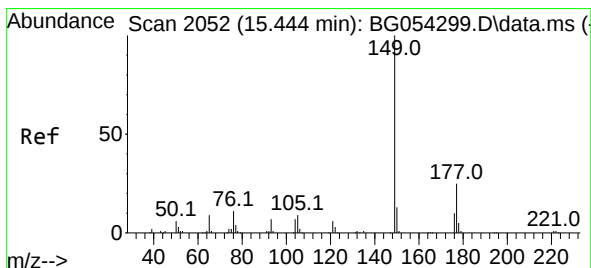
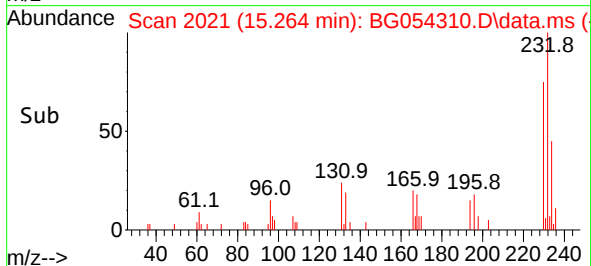
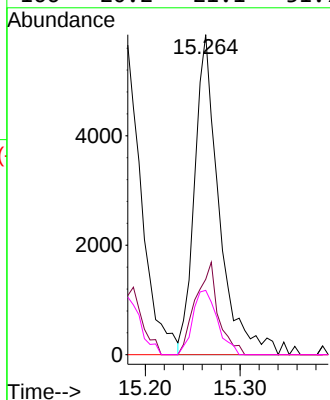
Ion Ratio Lower Upper

232 100

131 26.7 30.6 46.0#

130 0.0 1.8 2.8#

166 20.2 21.1 31.7#



#60

Diethylphthalate

Concen: 9.072 ng

RT: 15.440 min Scan# 2051

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

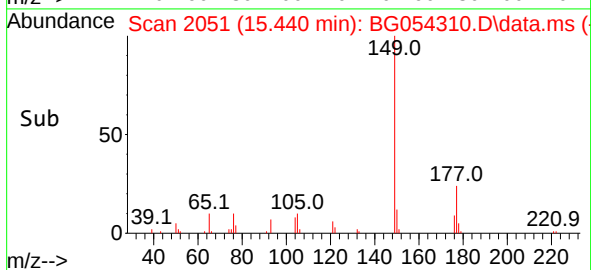
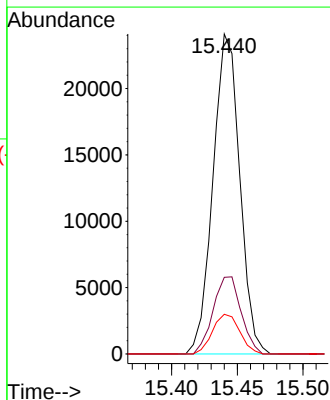
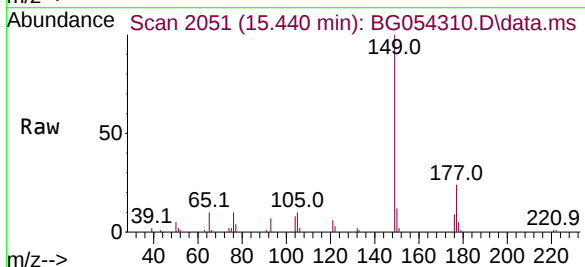
Tgt Ion:149 Resp: 34122

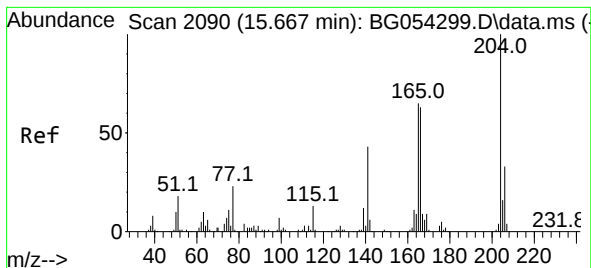
Ion Ratio Lower Upper

149 100

177 23.9 18.4 27.6

150 12.4 11.2 16.8

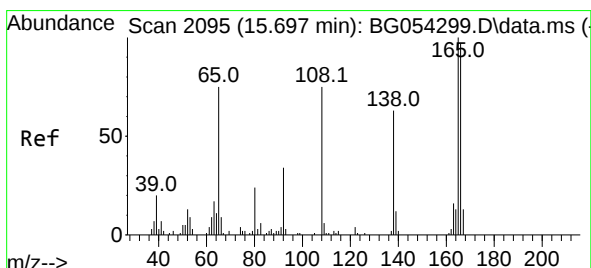
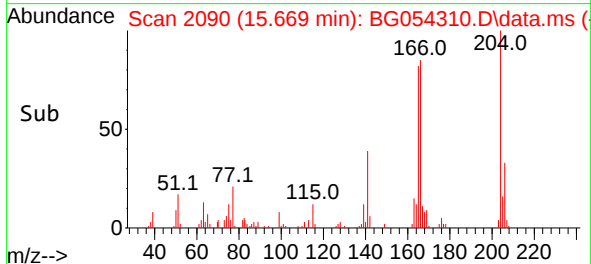
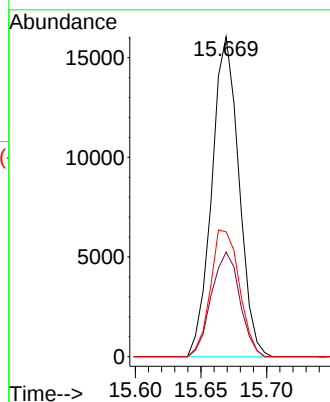
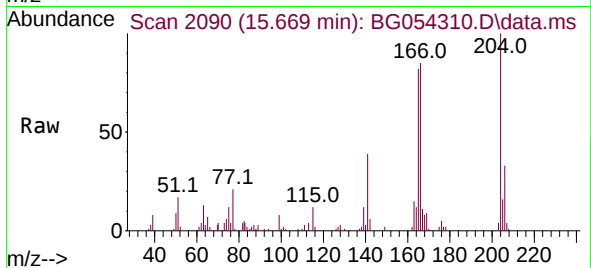




#61
4-Chlorophenyl-phenylether
Concen: 9.278 ng
RT: 15.669 min Scan# 2090
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

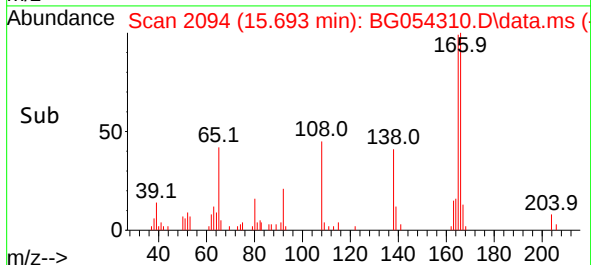
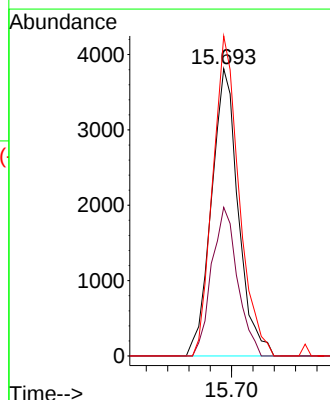
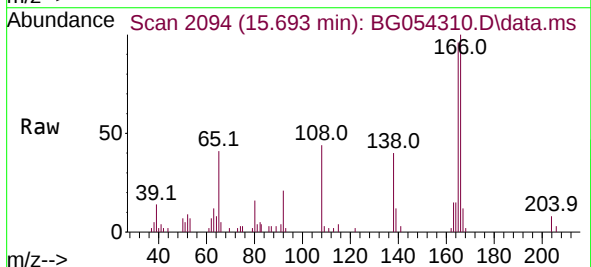
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

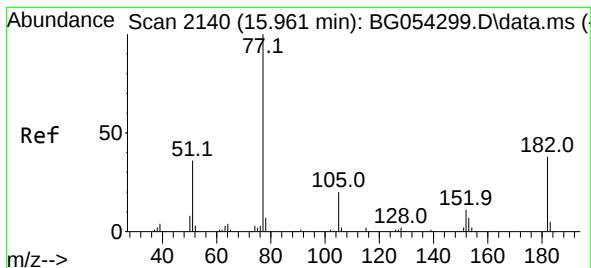
Tgt Ion:204 Resp: 23037
Ion Ratio Lower Upper
204 100
206 32.7 27.5 41.3
141 39.0 45.3 67.9#



#62
4-Nitroaniline
Concen: 8.790 ng
RT: 15.693 min Scan# 2094
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:138 Resp: 6642
Ion Ratio Lower Upper
138 100
92 51.8 40.5 80.5
108 111.4 103.7 143.7





#63

Azobenzene

Concen: 8.751 ng

RT: 15.963 min Scan# 2140

Delta R.T. 0.002 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 77 Resp: 23781

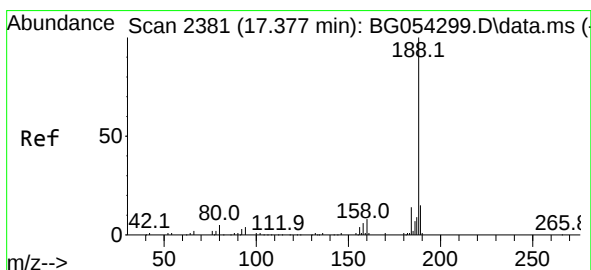
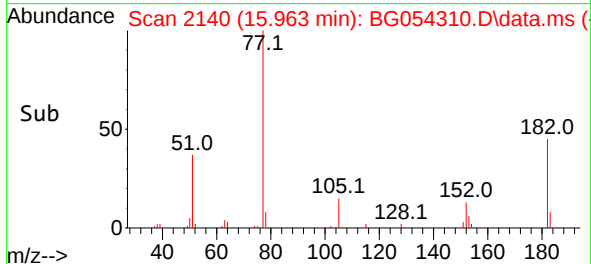
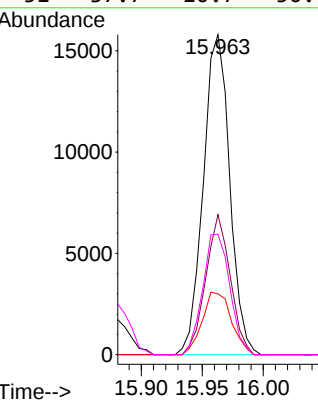
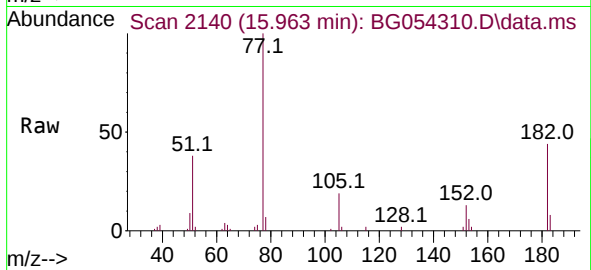
Ion Ratio Lower Upper

77 100

182 43.8 3.8 43.8

105 19.0 0.0 37.8

51 37.7 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.379 min Scan# 2381

Delta R.T. 0.002 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

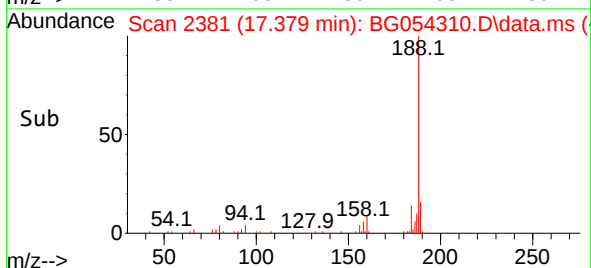
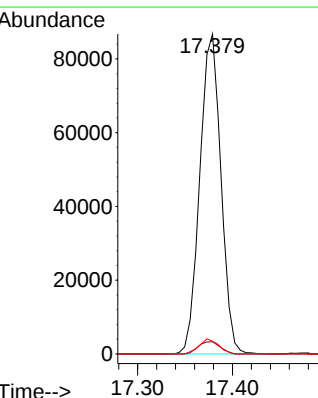
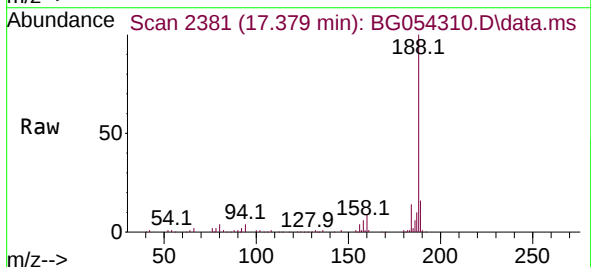
Tgt Ion:188 Resp: 134369

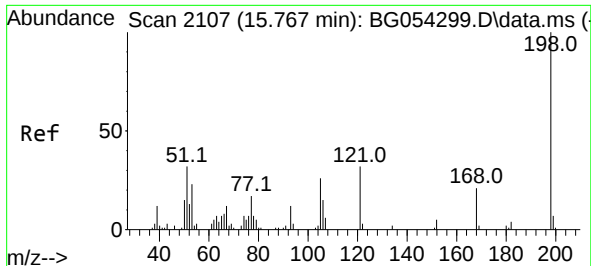
Ion Ratio Lower Upper

188 100

94 3.8 5.4 8.0#

80 4.0 6.8 10.2#

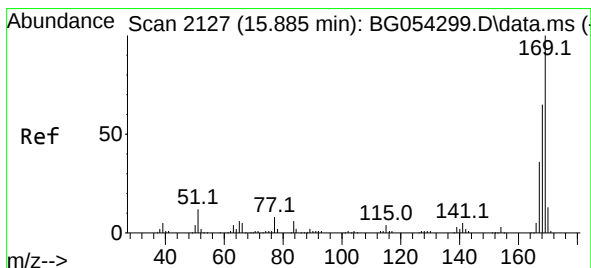
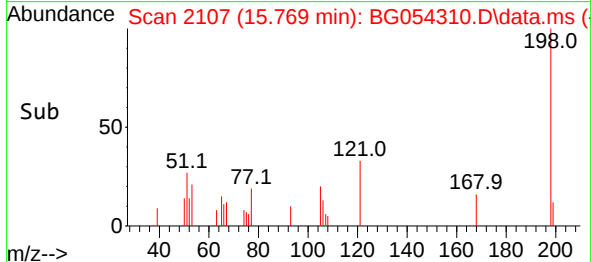
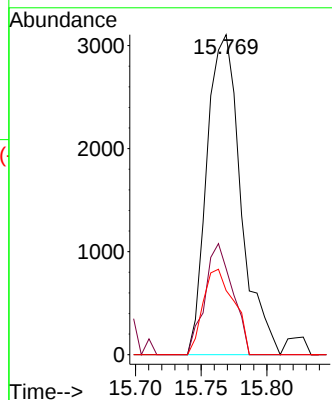
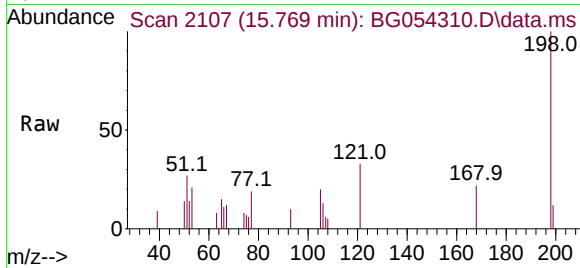




#65
4,6-Dinitro-2-methylphenol
Concen: 6.731 ng
RT: 15.769 min Scan# 2107
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

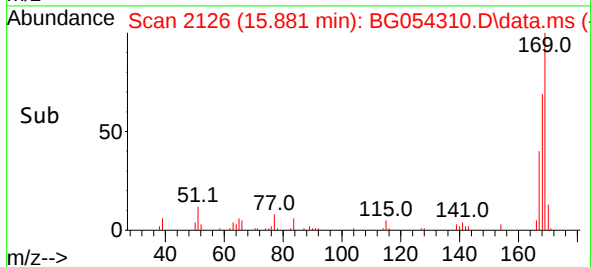
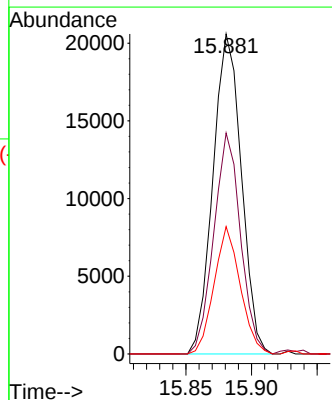
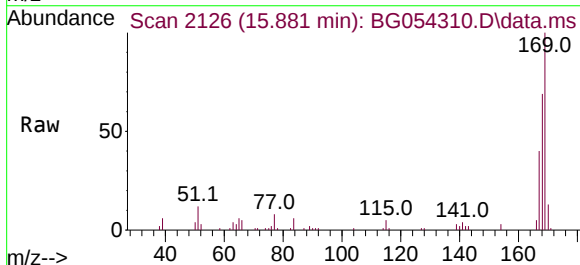
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

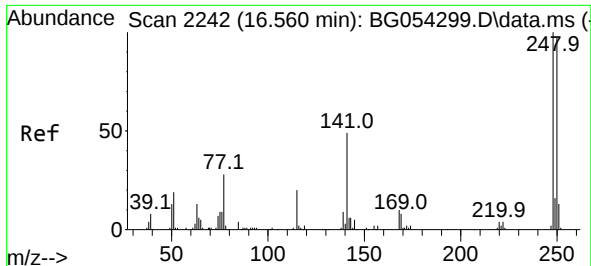
Tgt Ion:198 Resp: 5588
Ion Ratio Lower Upper
198 100
51 26.9 28.1 68.1#
105 20.1 20.3 60.3#



#66
n-Nitrosodiphenylamine
Concen: 9.221 ng
RT: 15.881 min Scan# 2126
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:169 Resp: 30934
Ion Ratio Lower Upper
169 100
168 69.1 55.9 83.9
167 39.8 30.6 46.0

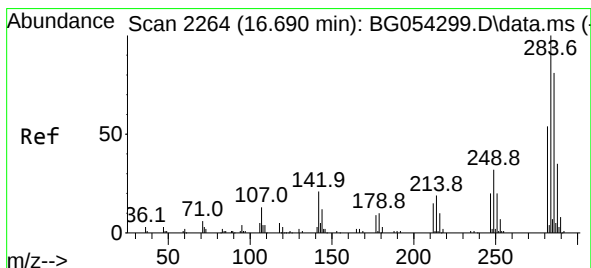
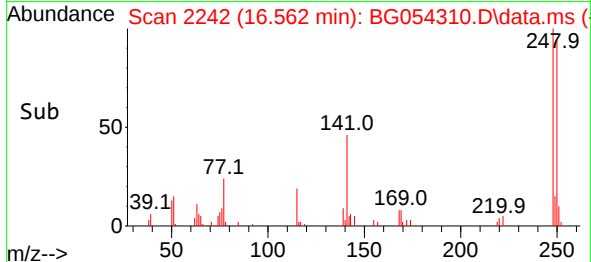
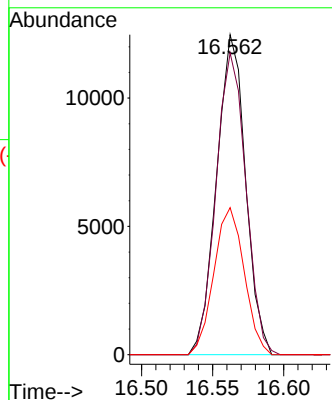
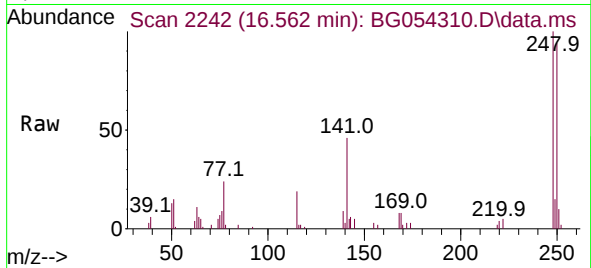




#67
4-Bromophenyl-phenylether
Concen: 9.377 ng
RT: 16.562 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

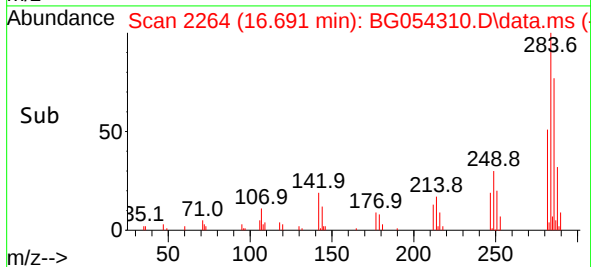
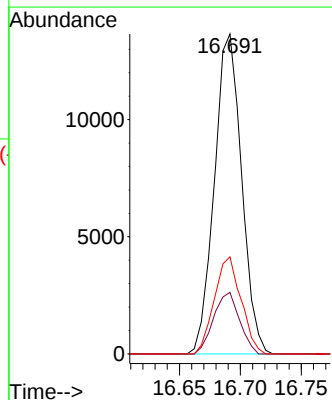
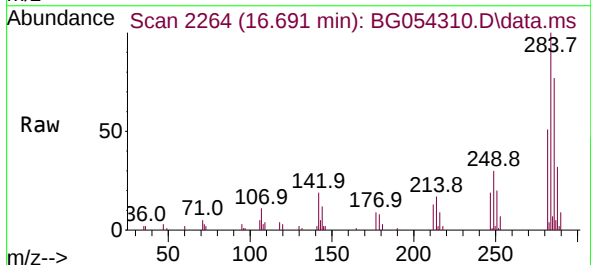
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

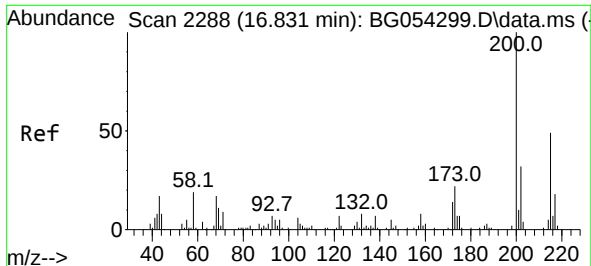
Tgt Ion:248 Resp: 17695
Ion Ratio Lower Upper
248 100
250 94.3 75.2 112.8
141 46.0 50.0 75.0#



#68
Hexachlorobenzene
Concen: 9.817 ng
RT: 16.691 min Scan# 2264
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:284 Resp: 21185
Ion Ratio Lower Upper
284 100
142 19.2 23.6 35.4#
249 32.0 25.8 38.6

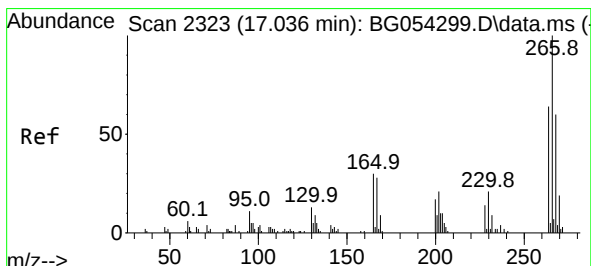
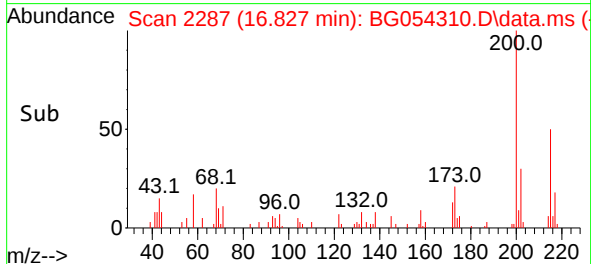
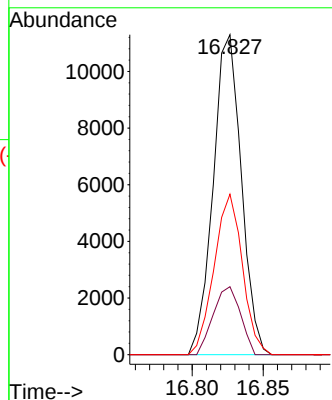
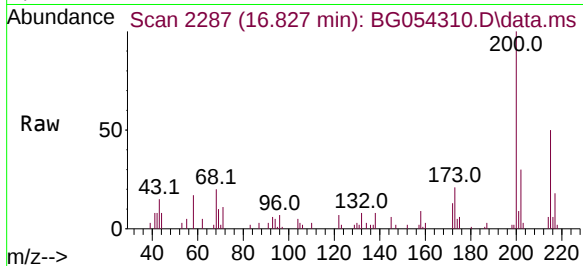




#69
 Atrazine
 Concen: 10.413 ng
 RT: 16.827 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG054310.D
 Acq: 18 Jul 2022 11:50

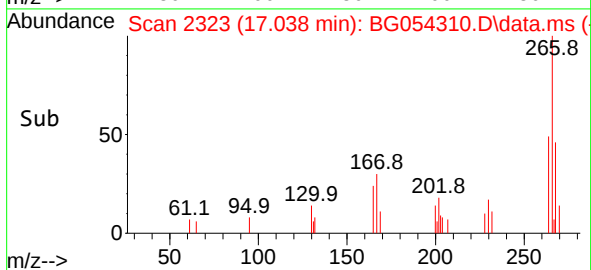
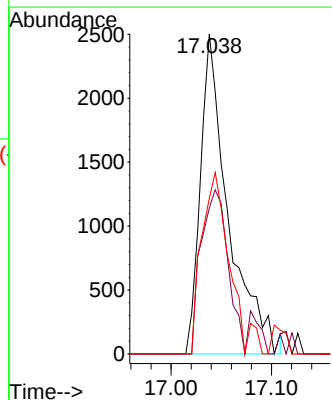
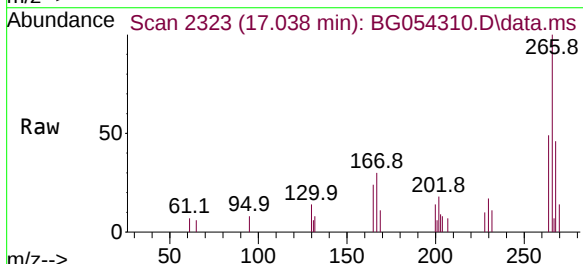
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

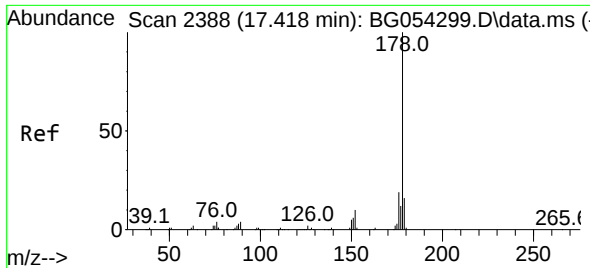
Tgt Ion:200 Resp: 15545
 Ion Ratio Lower Upper
 200 100
 173 21.3 3.7 43.7
 215 50.2 25.2 65.2



#70
 Pentachlorophenol
 Concen: 5.761 ng
 RT: 17.038 min Scan# 2323
 Delta R.T. 0.002 min
 Lab File: BG054310.D
 Acq: 18 Jul 2022 11:50

Tgt Ion:266 Resp: 4865
 Ion Ratio Lower Upper
 266 100
 268 45.7 56.2 84.2#
 264 48.7 53.0 79.4#

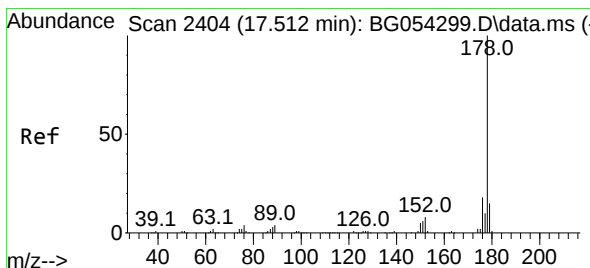
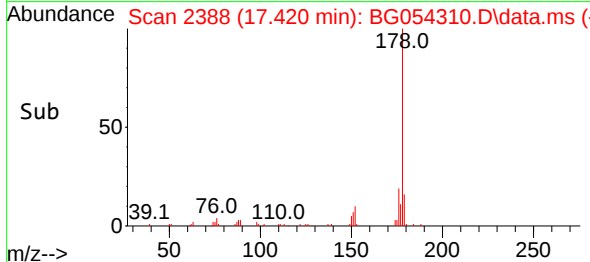
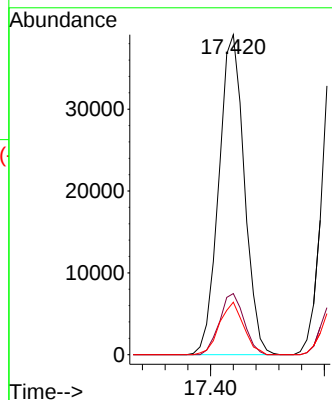
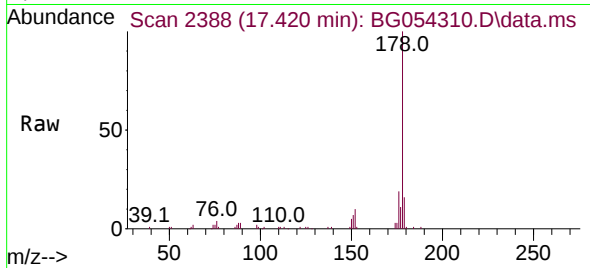




#71
Phenanthrene
Concen: 9.091 ng
RT: 17.420 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

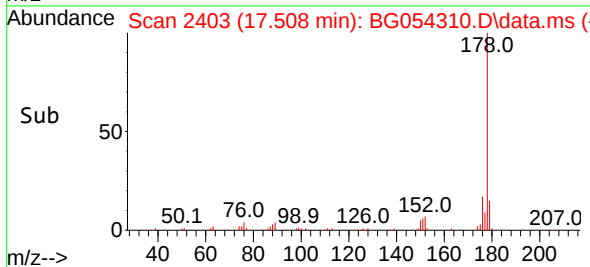
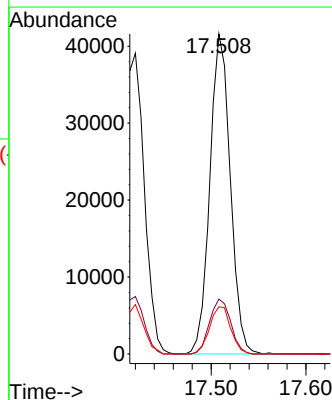
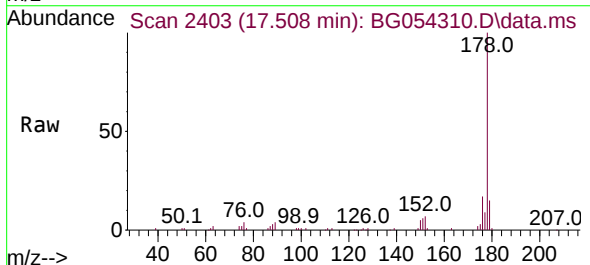
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

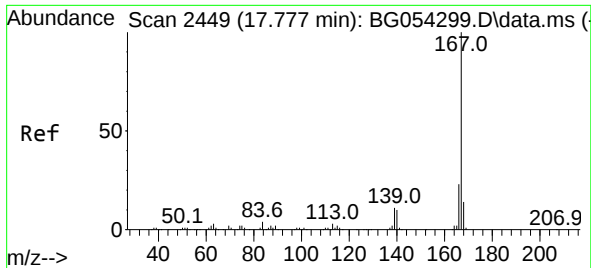
Tgt Ion:178 Resp: 60830
Ion Ratio Lower Upper
178 100
176 19.1 14.1 21.1
179 16.4 12.1 18.1



#72
Anthracene
Concen: 9.496 ng
RT: 17.508 min Scan# 2403
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:178 Resp: 62353
Ion Ratio Lower Upper
178 100
176 17.1 15.2 22.8
179 14.8 13.0 19.4

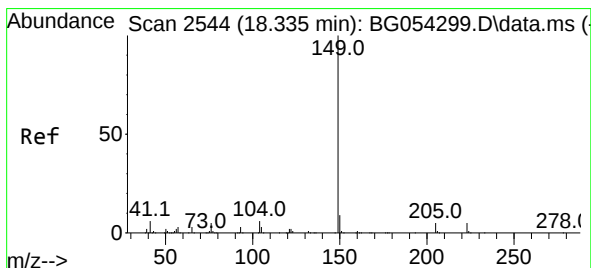
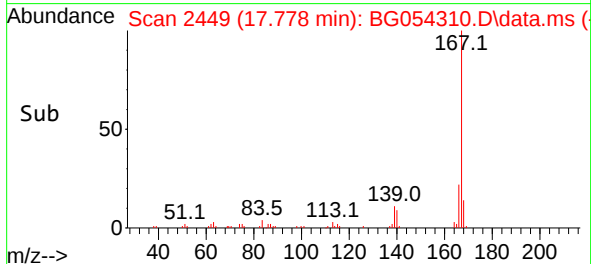
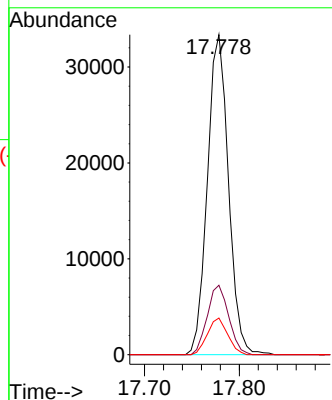
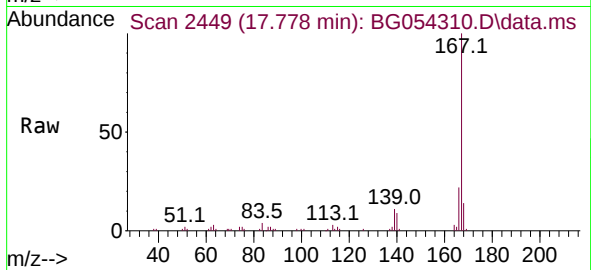




#73
 Carbazole
 Concen: 9.518 ng
 RT: 17.778 min Scan# 2449
 Delta R.T. 0.002 min
 Lab File: BG054310.D
 Acq: 18 Jul 2022 11:50

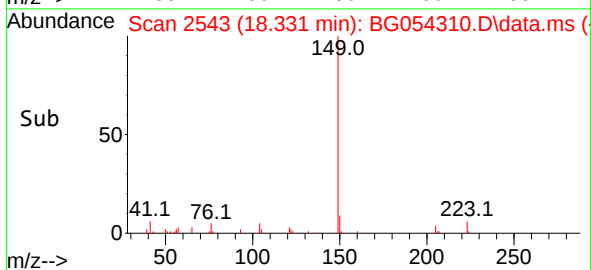
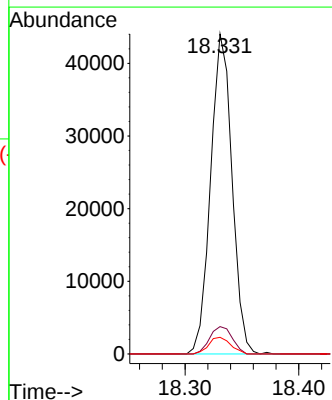
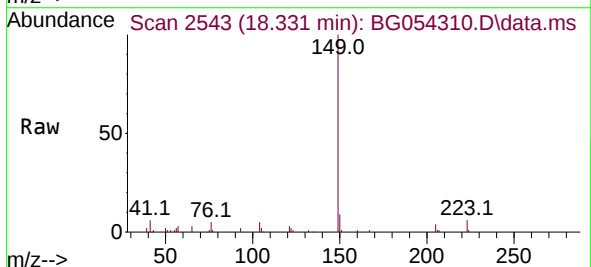
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

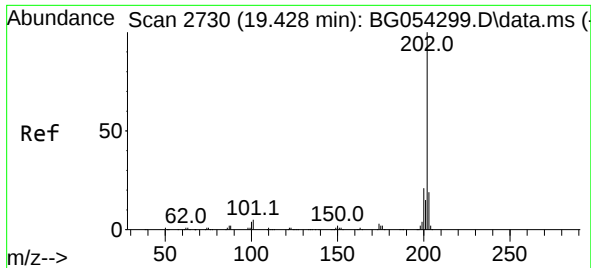
Tgt Ion:167 Resp: 51457
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.2
 139 11.5 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 9.008 ng
 RT: 18.331 min Scan# 2543
 Delta R.T. -0.004 min
 Lab File: BG054310.D
 Acq: 18 Jul 2022 11:50

Tgt Ion:149 Resp: 57465
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.7 11.5
 104 5.2 5.4 8.0#

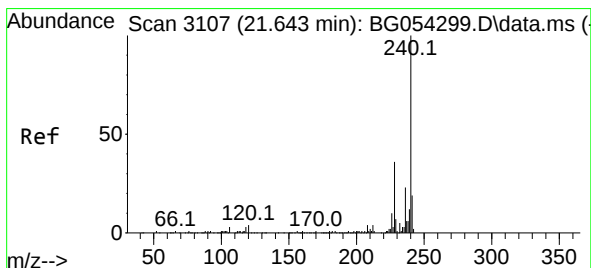
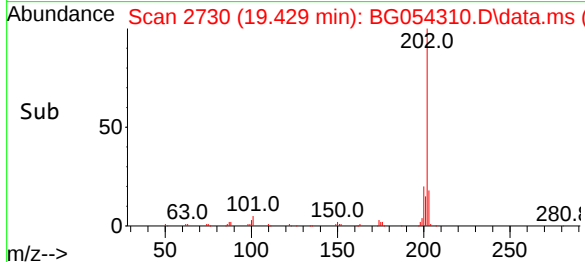
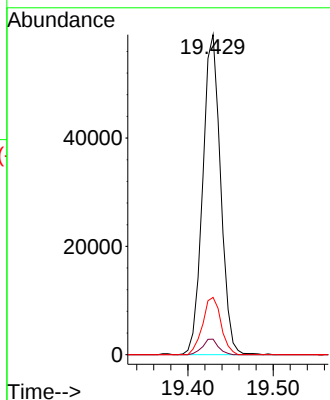
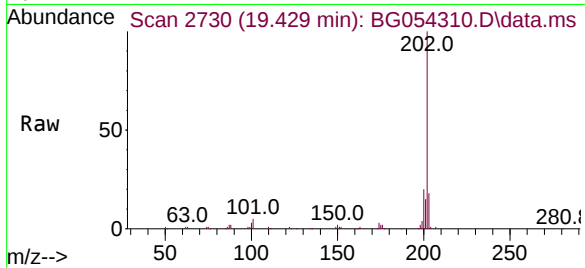




#75
Fluoranthene
Concen: 9.425 ng
RT: 19.429 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

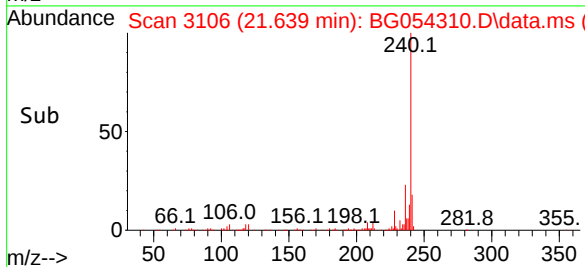
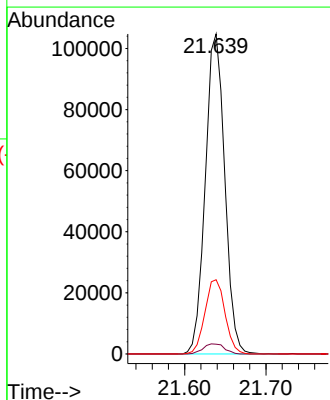
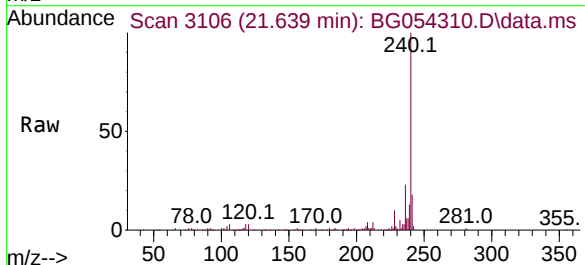
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

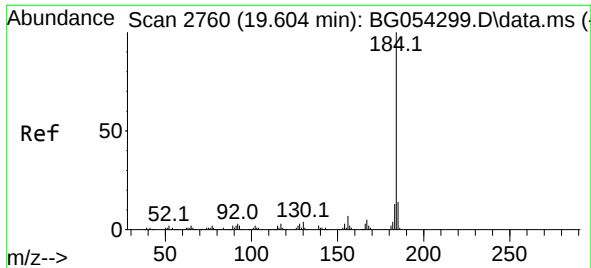
Tgt Ion:202 Resp: 85971
Ion Ratio Lower Upper
202 100
101 4.9 0.0 26.9
203 17.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3106
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:240 Resp: 173766
Ion Ratio Lower Upper
240 100
120 3.1 4.6 7.0#
236 23.2 20.2 30.4

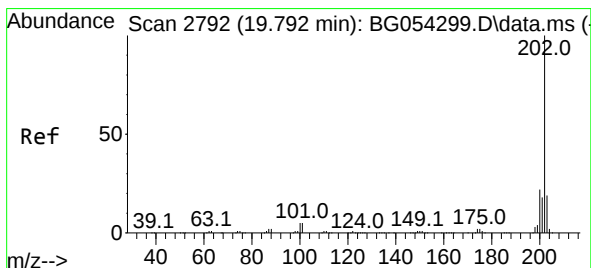
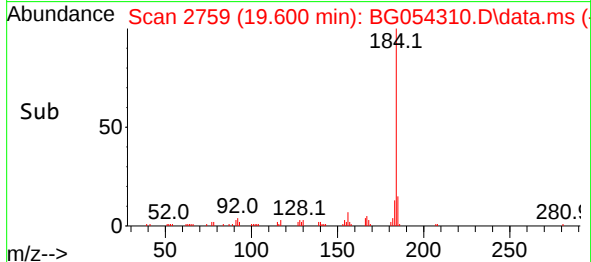
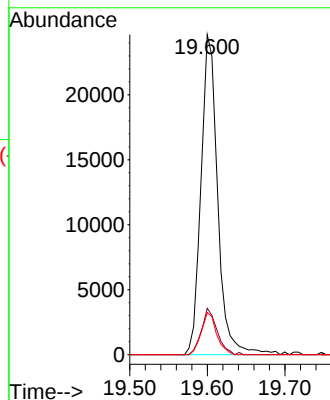
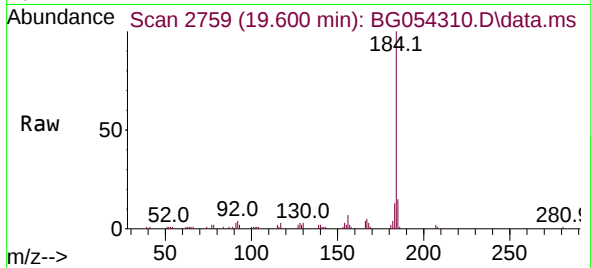




#77
Benzidine
Concen: 11.724 ng
RT: 19.600 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

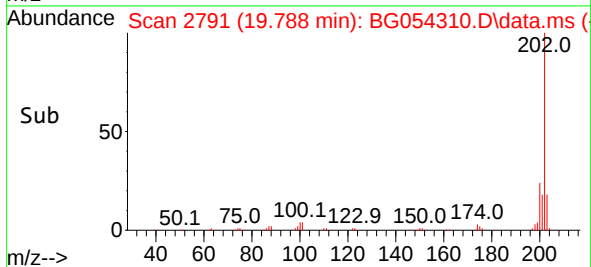
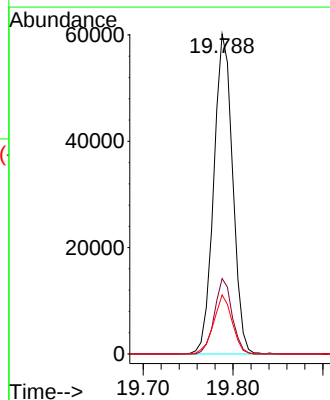
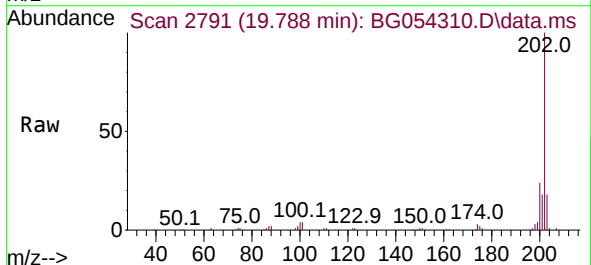
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

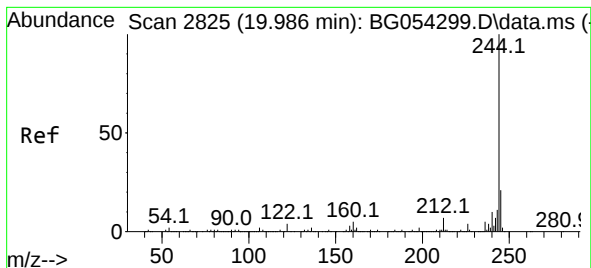
Tgt Ion:184 Resp: 36897
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 13.2 8.9 13.3



#78
Pyrene
Concen: 8.813 ng
RT: 19.788 min Scan# 2791
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:202 Resp: 87866
Ion Ratio Lower Upper
202 100
200 23.5 16.6 24.8
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 82.965 ng

RT: 19.988 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054310.D

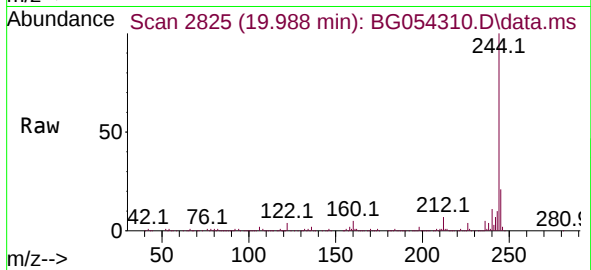
Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022



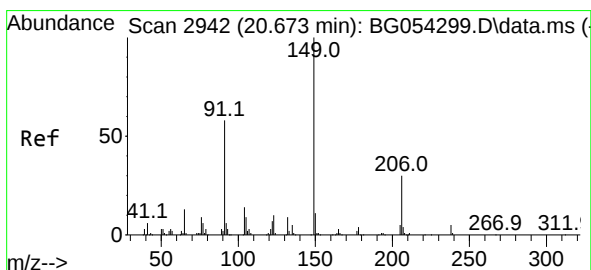
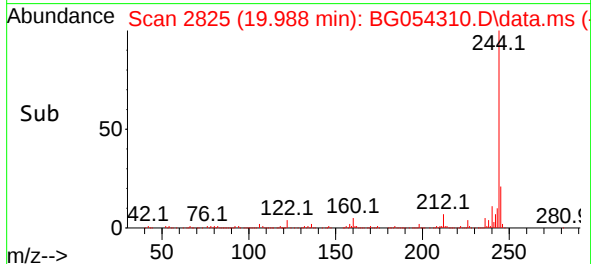
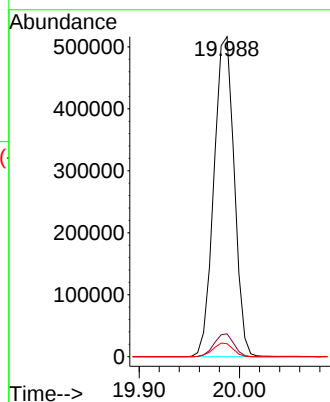
Tgt Ion:244 Resp: 726710

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 4.1 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 8.059 ng

RT: 20.669 min Scan# 2941

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

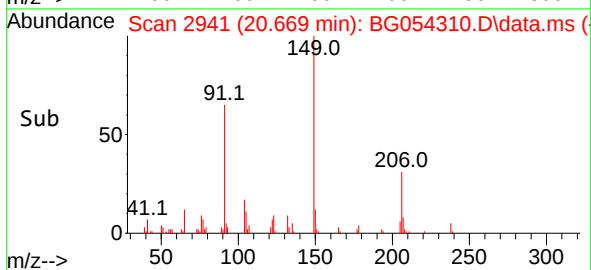
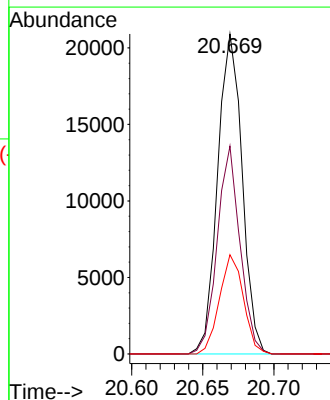
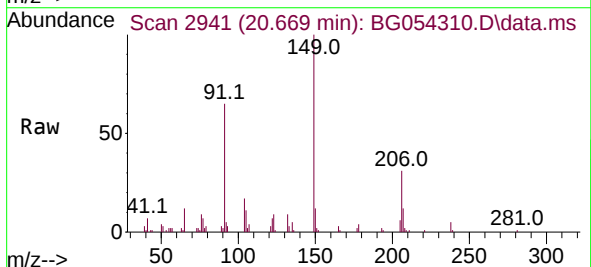
Tgt Ion:149 Resp: 25039

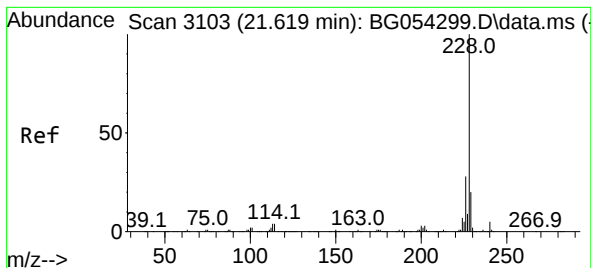
Ion Ratio Lower Upper

149 100

91 64.9 59.6 89.4

206 31.0 18.6 28.0#





#81

Benzo(a)anthracene

Concen: 9.031 ng

RT: 21.615 min Scan# 3103

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

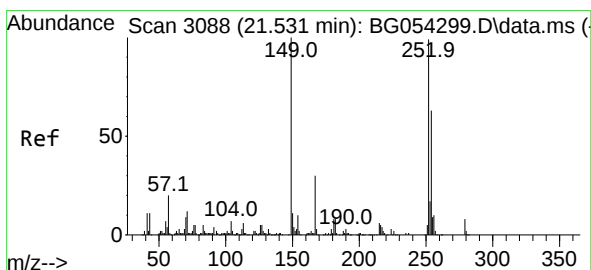
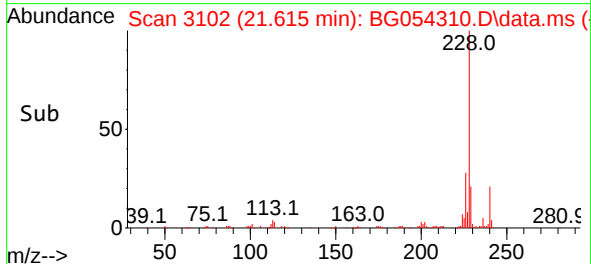
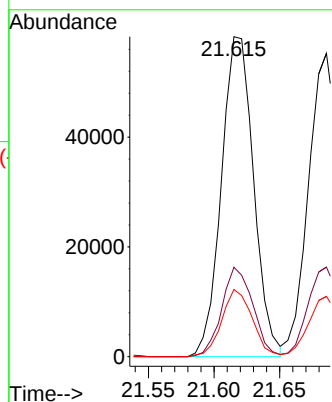
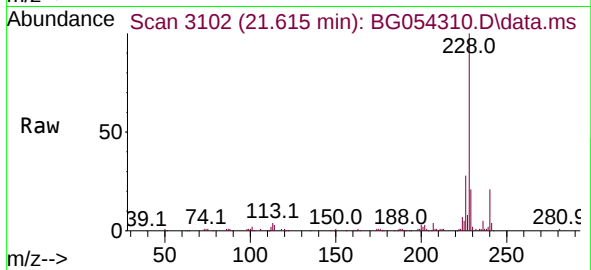
Tgt Ion:228 Resp: 99612

Ion Ratio Lower Upper

228 100

226 28.0 21.6 32.4

229 21.0 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 10.905 ng

RT: 21.527 min Scan# 3087

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

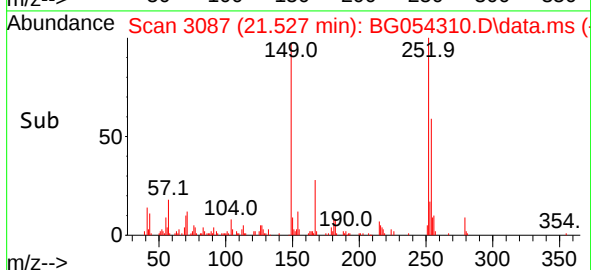
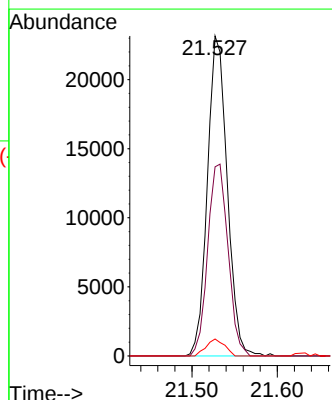
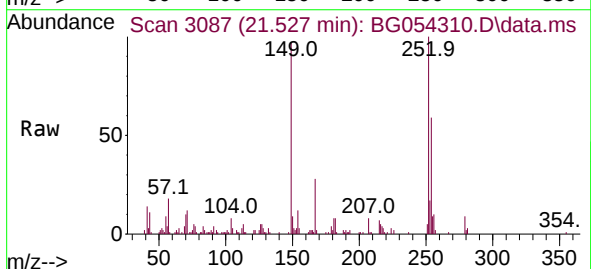
Tgt Ion:252 Resp: 37409

Ion Ratio Lower Upper

252 100

254 59.1 49.8 74.8

126 5.3 6.0 9.0#





#83

Chrysene

Concen: 8.870 ng

RT: 21.686 min Scan# 3115

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

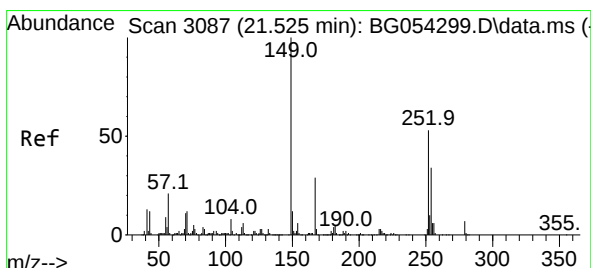
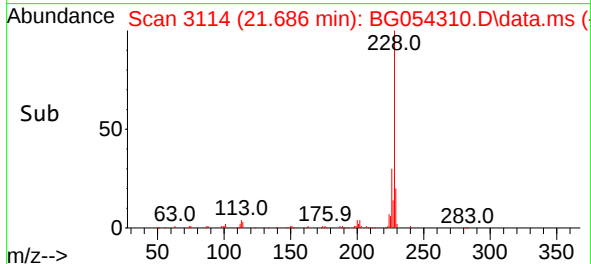
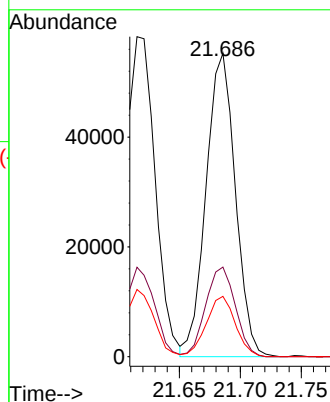
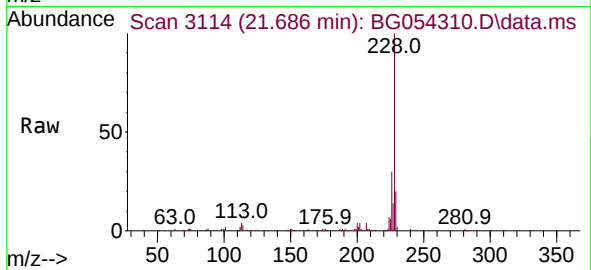
Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion:	228	Resp:	92438
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.2
229	19.9	15.5	23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.289 ng

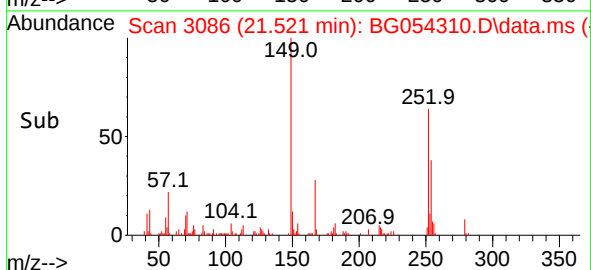
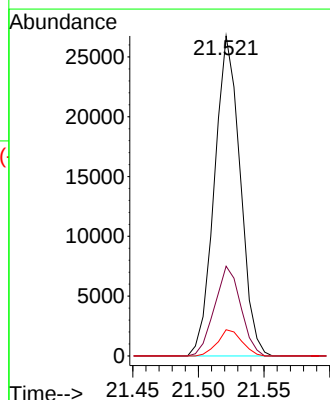
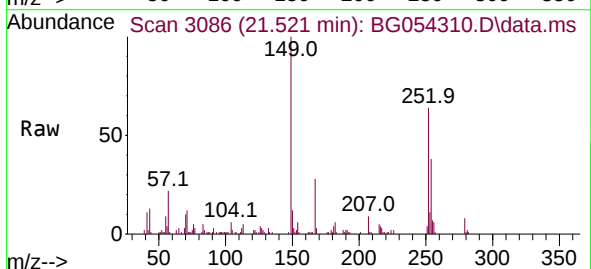
RT: 21.521 min Scan# 3086

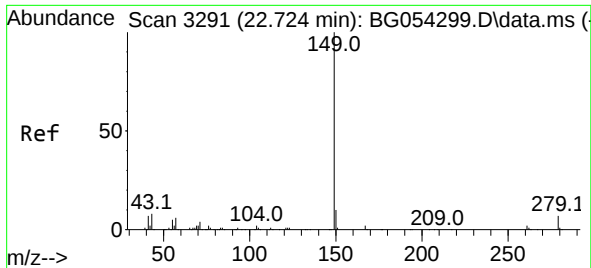
Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Tgt Ion:	149	Resp:	36444
Ion Ratio	Lower	Upper	
149	100		
167	28.0	20.2	30.4
279	8.2	3.6	5.4

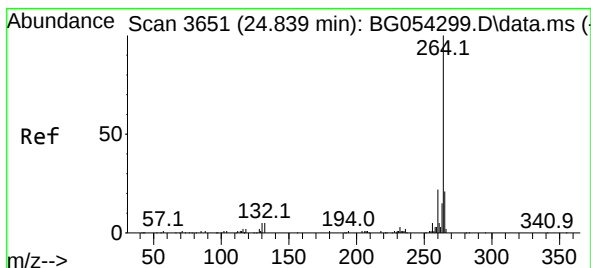
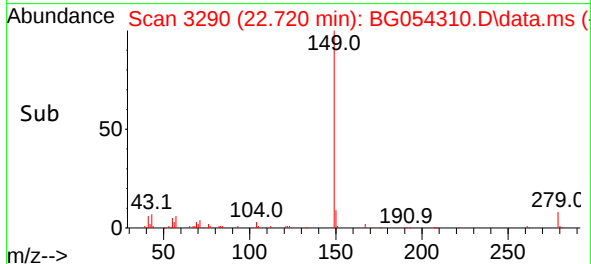
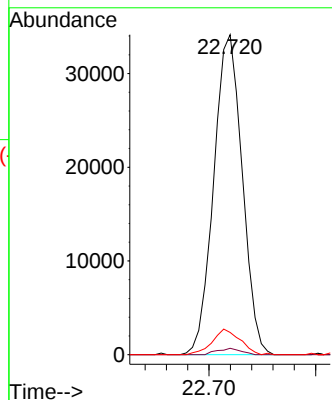
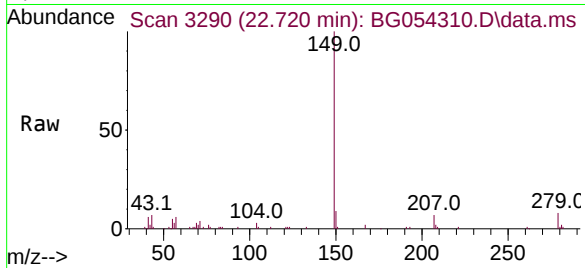




#85
Di-n-octyl phthalate
Concen: 8.449 ng
RT: 22.720 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

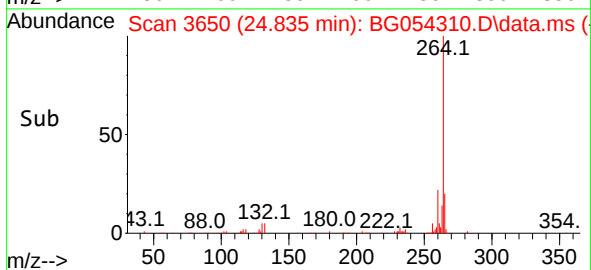
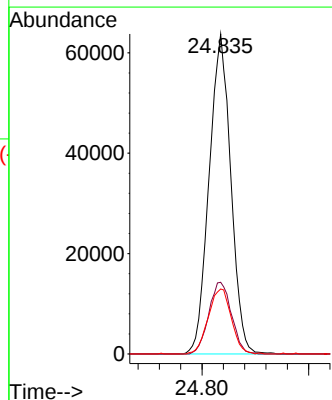
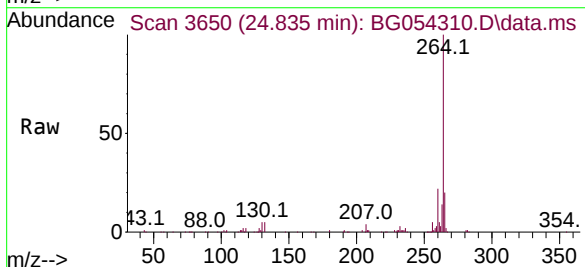
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

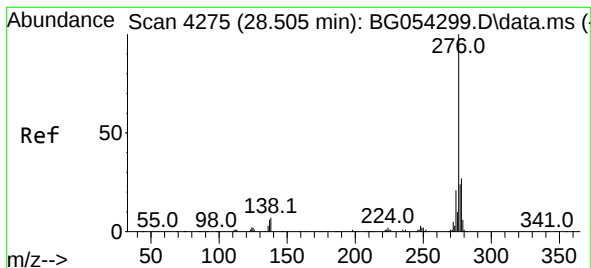
Tgt Ion:149 Resp: 63375
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.8 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.835 min Scan# 3650
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:264 Resp: 180096
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.6
265 20.3 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.629 ng

RT: 28.484 min Scan# 41

Delta R.T. -0.022 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

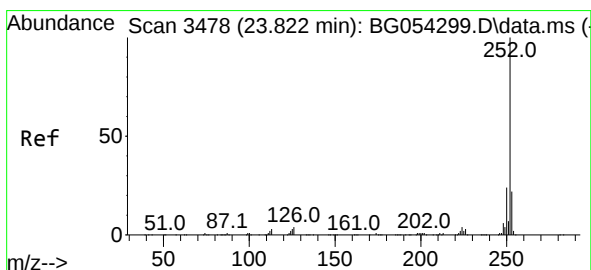
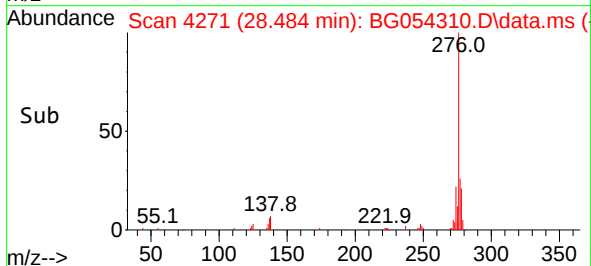
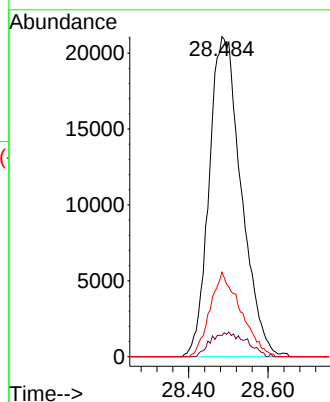
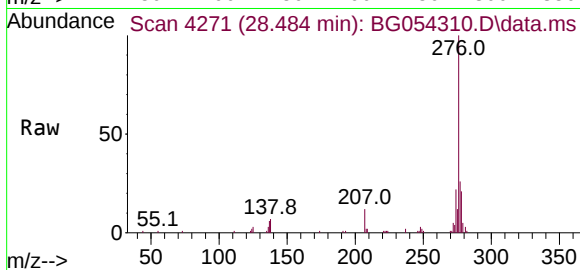
Tgt Ion:276 Resp: 118230

Ion Ratio Lower Upper

276 100

138 8.4 5.0 7.4#

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 9.407 ng

RT: 23.818 min Scan# 3477

Delta R.T. -0.004 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

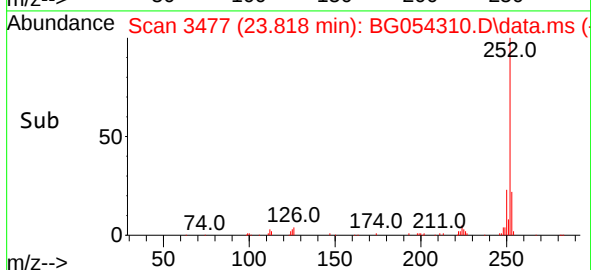
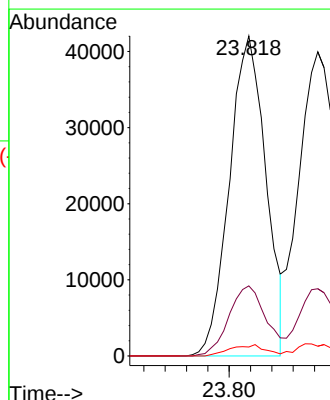
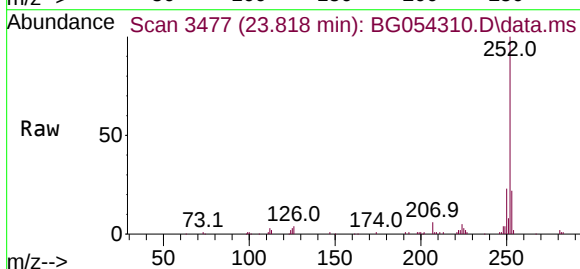
Tgt Ion:252 Resp: 100189

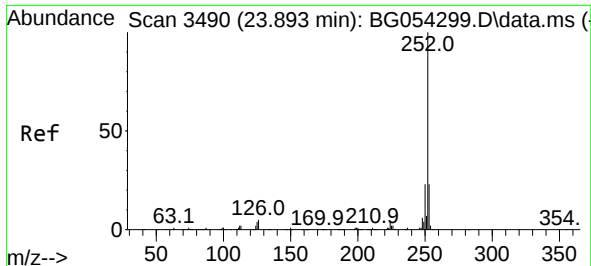
Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 2.8 4.6 6.8#

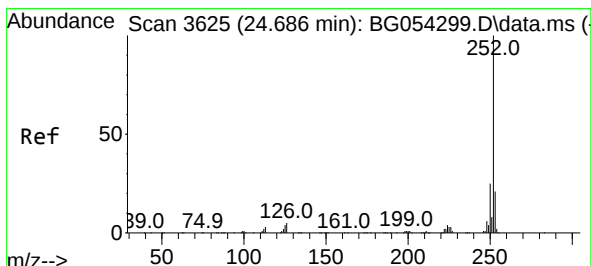
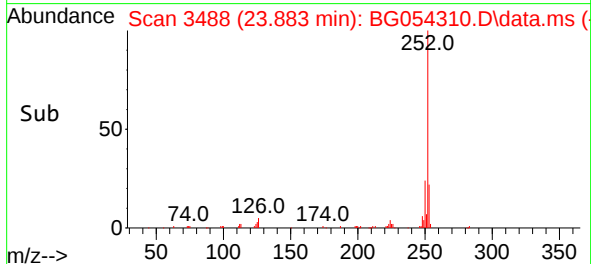
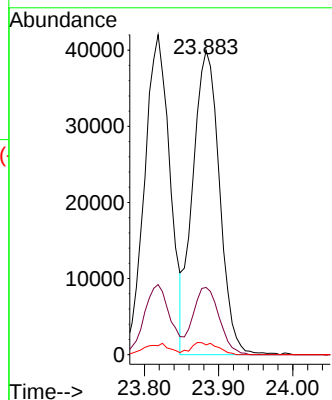
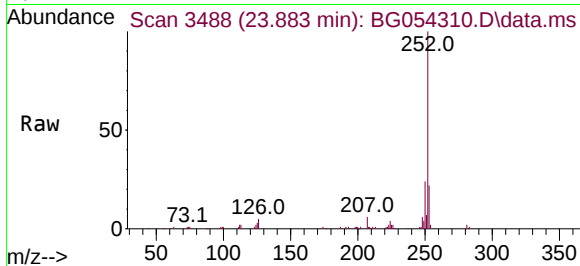




#89
Benzo(k)fluoranthene
Concen: 9.452 ng
RT: 23.883 min Scan# 3490
Delta R.T. -0.010 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

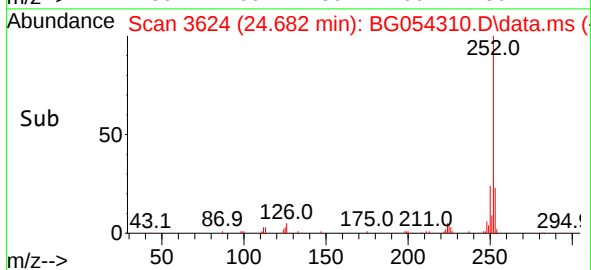
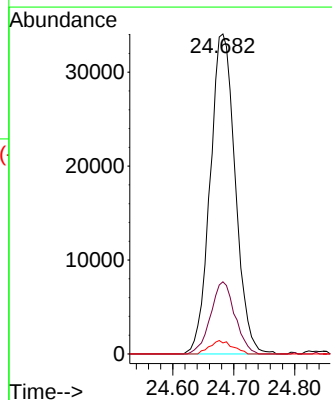
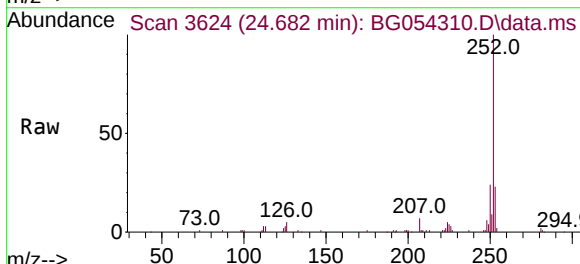
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2022

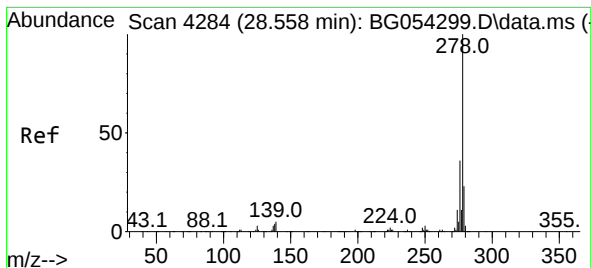
Tgt Ion:252 Resp: 100185
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 3.2 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 10.695 ng
RT: 24.682 min Scan# 3624
Delta R.T. -0.004 min
Lab File: BG054310.D
Acq: 18 Jul 2022 11:50

Tgt Ion:252 Resp: 97279
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 3.5 4.3 6.5#





#91

Dibenzo(a,h)anthracene

Concen: 9.104 ng

RT: 28.536 min Scan# 41

Delta R.T. -0.022 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2022

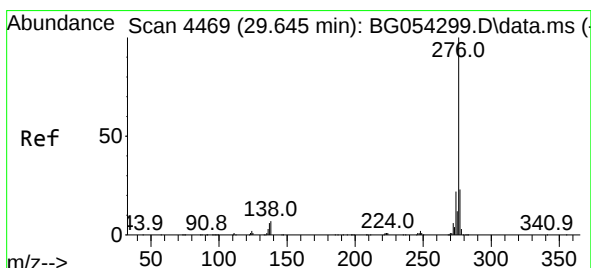
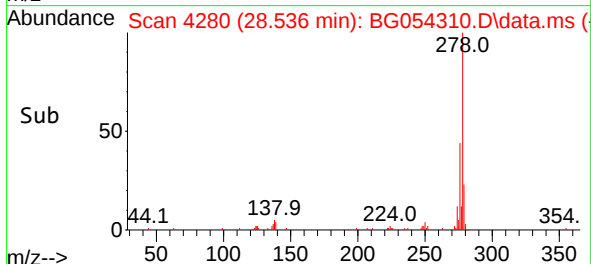
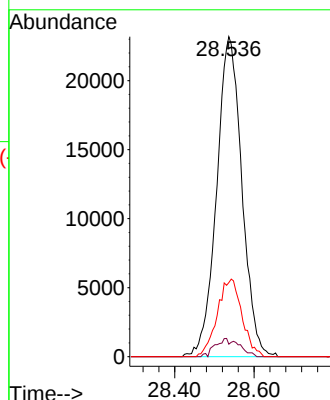
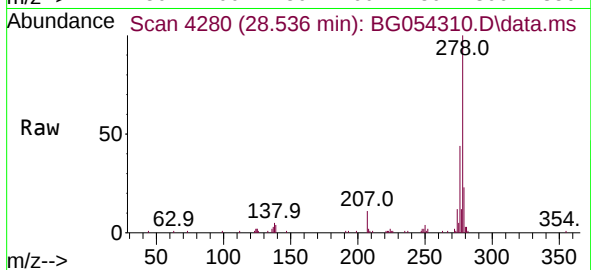
Tgt Ion:278 Resp: 102562

Ion Ratio Lower Upper

278 100

139 3.9 7.2 10.8#

279 23.1 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 9.042 ng

RT: 29.623 min Scan# 4465

Delta R.T. -0.022 min

Lab File: BG054310.D

Acq: 18 Jul 2022 11:50

Tgt Ion:276 Resp: 100544

Ion Ratio Lower Upper

276 100

277 24.2 17.3 25.9

138 6.1 9.6 14.4#

