

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
 Data File : BG054317.D
 Acq On : 19 Jul 2022 14:06
 Operator : CG/JU
 Sample : N3214-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Quant Time: Jul 19 14:41:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 14:41:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	17595	20.000	ng	# 0.00
21) Naphthalene-d8	10.802	136	62224	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	49684	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	136826	20.000	ng	# 0.00
76) Chrysene-d12	21.642	240	178657	20.000	ng	# 0.00
86) Perylene-d12	24.844	264	191174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	95907	113.807	ng	-0.01
7) Phenol-d6	7.159	99	131515	113.892	ng	-0.01
23) Nitrobenzene-d5	9.157	82	98990	86.634	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	126677	121.434	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	310136	88.058	ng	0.00
79) Terphenyl-d14	19.985	244	739103	82.070	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	2564	7.648	ng	88
3) Pyridine	3.840	79	5526	6.497	ng	96
4) n-Nitrosodimethylamine	3.746	42	3184	6.695	ng	# 69
6) Aniline	7.312	93	10671	8.006	ng	93
8) 2-Chlorophenol	7.565	128	7272	7.509	ng	92
9) Benzaldehyde	7.130	77	6481	9.991	ng	88
10) Phenol	7.189	94	8220	7.165	ng	82
11) bis(2-Chloroethyl)ether	7.406	93	5910	7.065	ng	87
12) 1,3-Dichlorobenzene	7.882	146	8846	7.497	ng	95
13) 1,4-Dichlorobenzene	8.029	146	8796	7.218	ng	98
14) 1,2-Dichlorobenzene	8.346	146	8891	7.737	ng	89
15) Benzyl Alcohol	8.235	79	6092	6.414	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.528	45	7036	6.679	ng	77
17) 2-Methylphenol	8.446	107	5736	6.937	ng	94
18) Hexachloroethane	9.081	117	3013	7.468	ng	# 67
19) n-Nitroso-di-n-propyla...	8.799	70	5044	6.541	ng	# 85
20) 3+4-Methylphenols	8.769	107	7871	6.755	ng	95
22) Acetophenone	8.816	105	11548	7.716	ng	# 96
24) Nitrobenzene	9.198	77	8713	7.803	ng	92
25) Isophorone	9.721	82	15051	7.574	ng	# 90
26) 2-Nitrophenol	9.915	139	4202	7.465	ng	# 85
27) 2,4-Dimethylphenol	9.974	122	6379	8.204	ng	90
28) bis(2-Chloroethoxy)met...	10.203	93	8266	8.247	ng	95
29) 2,4-Dichlorophenol	10.461	162	8525	7.264	ng	87
30) 1,2,4-Trichlorobenzene	10.667	180	11228	7.724	ng	# 96
31) Naphthalene	10.849	128	22959	7.350	ng	97
32) Benzoic acid	10.162	122	1234	4.975	ng	# 75
33) 4-Chloroaniline	10.961	127	9402	7.402	ng	# 88
34) Hexachlorobutadiene	11.143	225	10127	7.883	ng	95
35) Caprolactam	11.707	113	1833	6.203	ng	# 75
36) 4-Chloro-3-methylphenol	12.089	107	7751	7.259	ng	# 96
37) 2-Methylnaphthalene	12.459	142	17706	7.382	ng	94
38) 1-Methylnaphthalene	12.676	142	17089	7.311	ng	94
40) 1,2,4,5-Tetrachloroben...	12.829	216	17395	7.991	ng	# 94
41) Hexachlorocyclopentadiene	12.811	237	1898	3.717	ng	87
43) 2,4,6-Trichlorophenol	13.070	196	8616	7.270	ng	97

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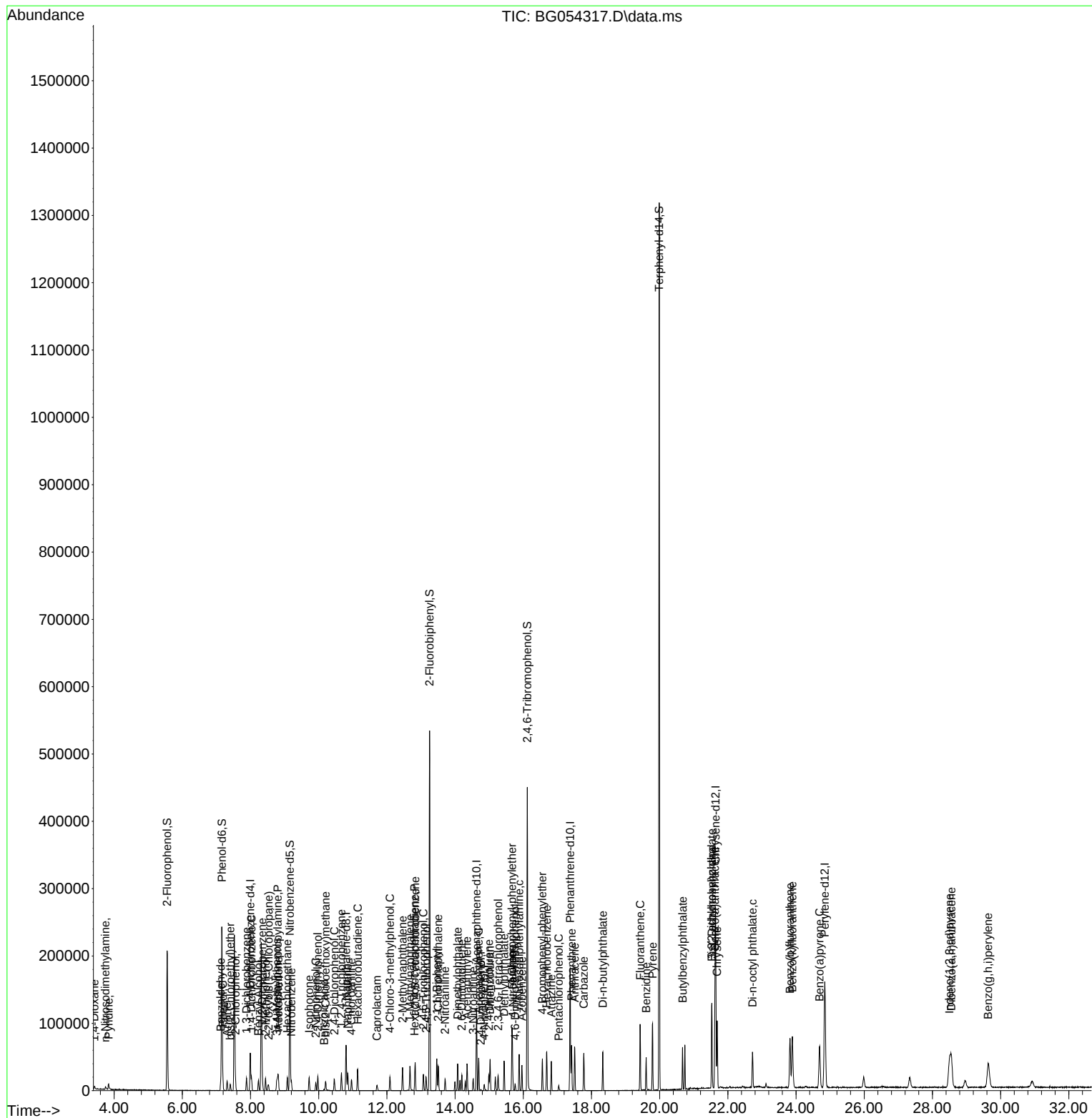
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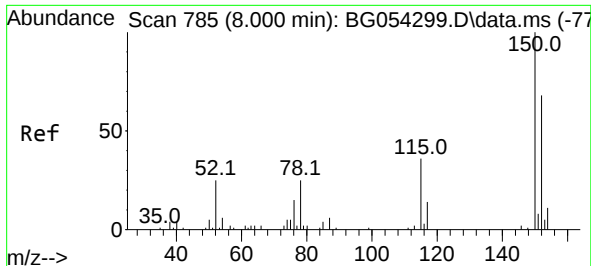
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.152	196	9099	6.795	ng	# 90
46) 1,1'-Biphenyl	13.464	154	27266	8.022	ng	95
47) 2-Chloronaphthalene	13.505	162	21944	7.714	ng	98
48) 2-Nitroaniline	13.705	65	5221	7.033	ng	89
49) Acenaphthylene	14.351	152	33122	7.836	ng	97
50) Dimethylphthalate	14.075	163	29202	7.525	ng	# 99
51) 2,6-Dinitrotoluene	14.198	165	6144	7.218	ng	# 71
52) Acenaphthene	14.692	154	19253	7.522	ng	96
53) 3-Nitroaniline	14.533	138	4927	6.921	ng	92
54) 2,4-Dinitrophenol	14.750	184	1245	3.010	ng	# 68
55) Dibenzofuran	15.027	168	34922	7.668	ng	94
56) 4-Nitrophenol	14.856	139	2579	5.430	ng	# 87
57) 2,4-Dinitrotoluene	14.991	165	9091	7.450	ng	# 83
58) Fluorene	15.679	166	28597	7.637	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.262	232	8934	6.852	ng	# 82
60) Diethylphthalate	15.438	149	28225	7.581	ng	97
61) 4-Chlorophenyl-phenyle...	15.667	204	19157	7.794	ng	# 85
62) 4-Nitroaniline	15.690	138	5349	7.152	ng	91
63) Azobenzene	15.961	77	20316	7.552	ng	# 75
65) 4,6-Dinitro-2-methylph...	15.761	198	4392	5.196	ng	# 76
66) n-Nitrosodiphenylamine	15.878	169	25838	7.564	ng	93
67) 4-Bromophenyl-phenylether	16.560	248	14350	7.468	ng	92
68) Hexachlorobenzene	16.689	284	17082	7.773	ng	# 90
69) Atrazine	16.824	200	12558	8.261	ng	96
70) Pentachlorophenol	17.042	266	3341	3.885	ng	96
71) Phenanthrene	17.418	178	50755	7.449	ng	99
72) Anthracene	17.506	178	51548	7.709	ng	97
73) Carbazole	17.776	167	42923	7.797	ng	98
74) Di-n-butylphthalate	18.334	149	46767	7.199	ng	96
75) Fluoranthene	19.427	202	70433	7.583	ng	97
77) Benzidine	19.604	184	33473	10.345	ng	97
78) Pyrene	19.792	202	73778	7.197	ng	99
80) Butylbenzylphthalate	20.673	149	20751	6.496	ng	# 81
81) Benzo(a)anthracene	21.619	228	84449	7.446	ng	98
82) 3,3'-Dichlorobenzidine	21.531	252	32121	9.107	ng	# 98
83) Chrysene	21.683	228	76467	7.137	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	30971	6.851	ng	# 93
85) Di-n-octyl phthalate	22.723	149	53827	6.980	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.499	276	103742	7.133	ng	# 96
88) Benzo(b)fluoranthene	23.822	252	88256	7.806	ng	# 96
89) Benzo(k)fluoranthene	23.893	252	84895	7.545	ng	# 96
90) Benzo(a)pyrene	24.692	252	84101	8.710	ng	# 95
91) Dibenzo(a,h)anthracene	28.558	278	88563	7.406	ng	# 96
92) Benzo(g,h,i)perylene	29.633	276	88333	7.484	ng	# 95

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

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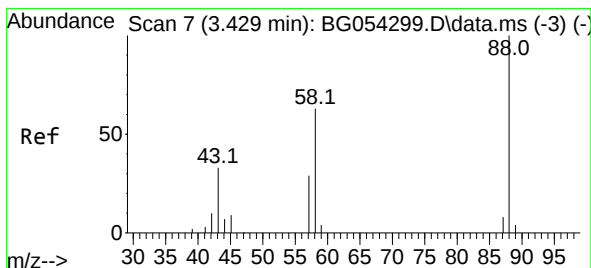
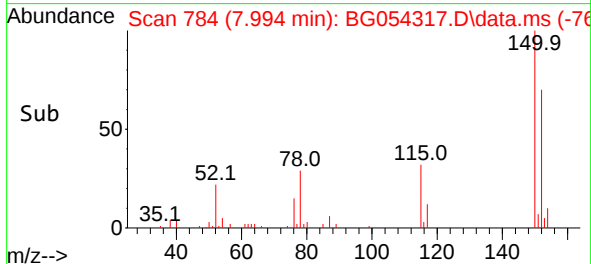
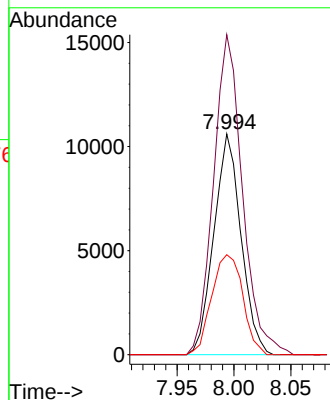
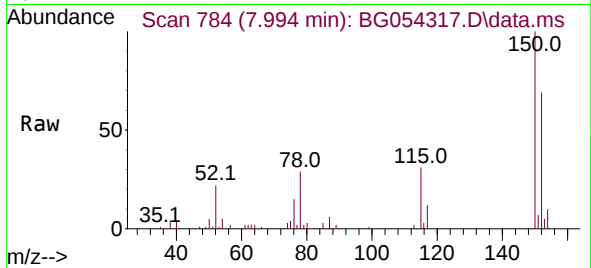




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

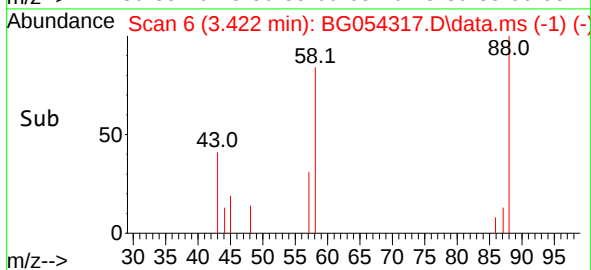
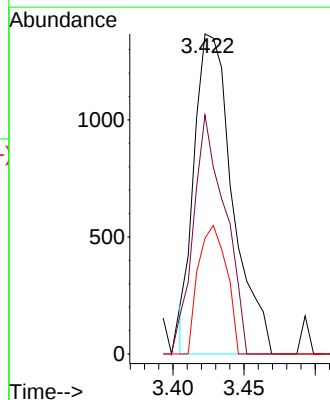
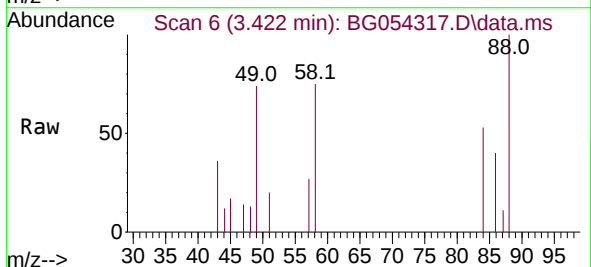
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:152 Resp: 17595
Ion Ratio Lower Upper
152 100
150 144.9 131.6 197.4
115 45.3 50.9 76.3#



#2
1,4-Dioxane
Concen: 7.648 ng
RT: 3.422 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion: 88 Resp: 2564
Ion Ratio Lower Upper
88 100
58 59.8 59.2 88.8
43 29.6 24.3 36.5





#3

Pyridine

Concen: 6.497 ng

RT: 3.840 min Scan# 71

Delta R.T. 0.006 min

Lab File: BG054317.D

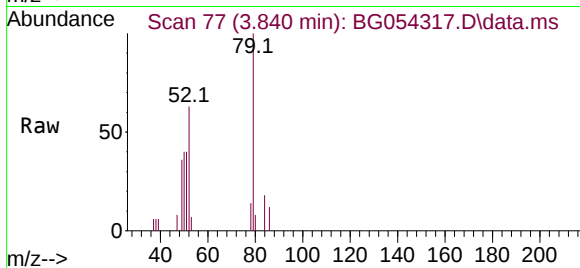
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Instrument :

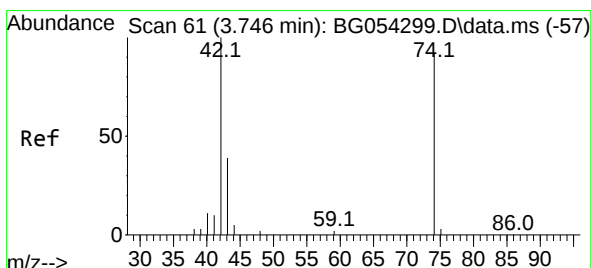
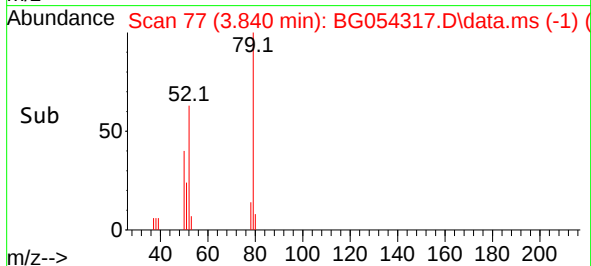
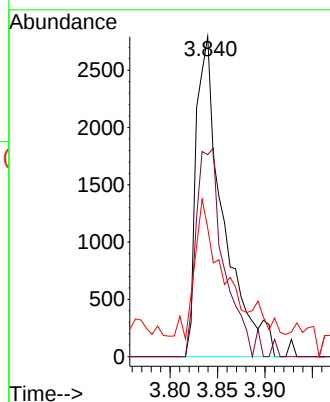
BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion:	79	Resp:	5526
Ion	Ratio	Lower	Upper
79	100		
52	63.2	54.6	81.8
51	40.2	32.5	48.7



#4

n-Nitrosodimethylamine

Concen: 6.695 ng

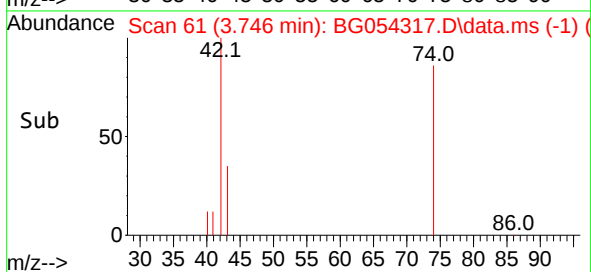
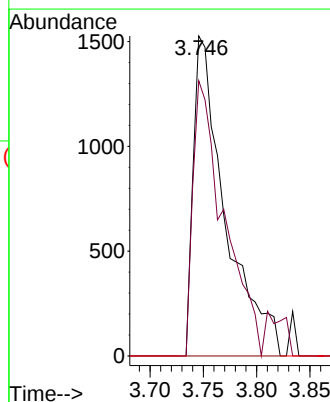
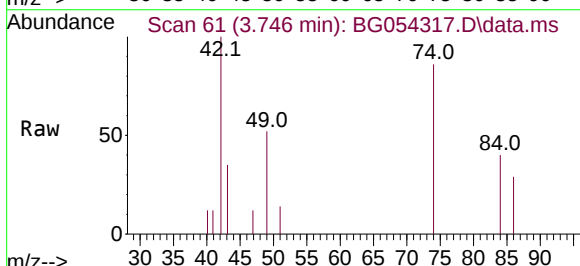
RT: 3.746 min Scan# 61

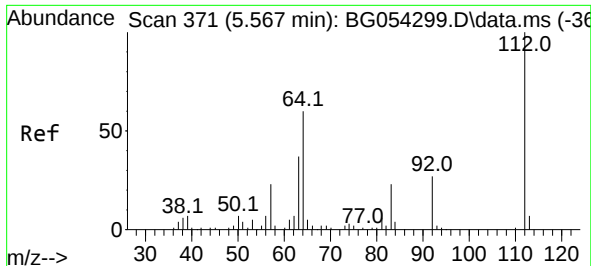
Delta R.T. -0.000 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Tgt Ion:	42	Resp:	3184
Ion	Ratio	Lower	Upper
42	100		
74	86.0	97.0	145.4#
44	0.0	7.0	10.4#

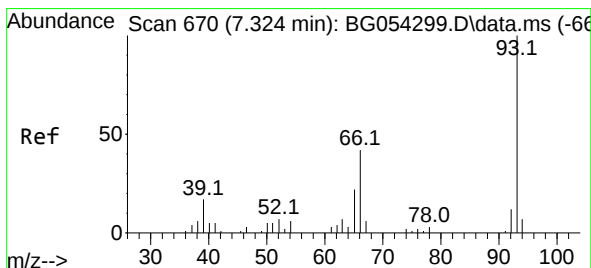
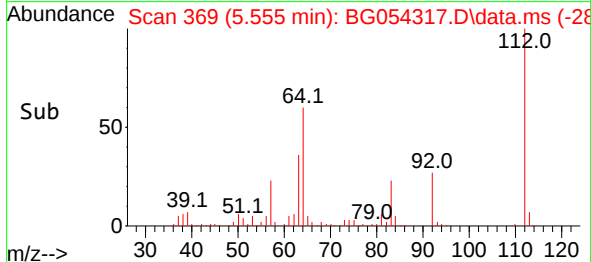
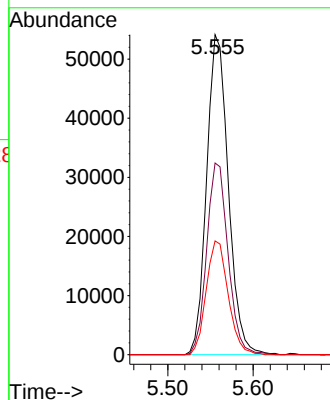
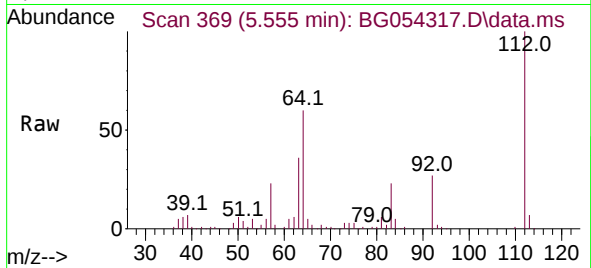




#5
2-Fluorophenol
Concen: 113.807 ng
RT: 5.555 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

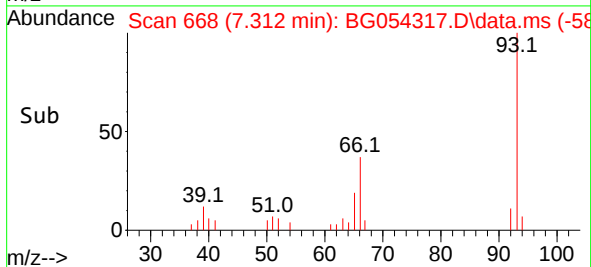
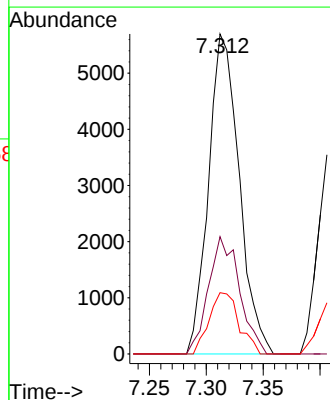
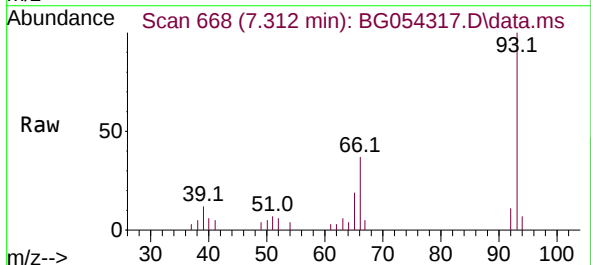
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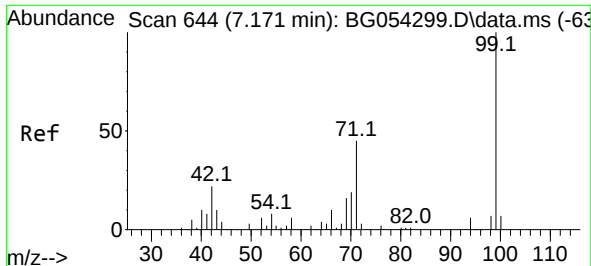
Tgt Ion:112 Resp: 95907
Ion Ratio Lower Upper
112 100
64 59.9 55.1 82.7
63 35.6 30.4 45.6



#6
Aniline
Concen: 8.006 ng
RT: 7.312 min Scan# 668
Delta R.T. -0.012 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion: 93 Resp: 10671
Ion Ratio Lower Upper
93 100
66 36.7 32.9 49.3
65 19.1 17.8 26.8

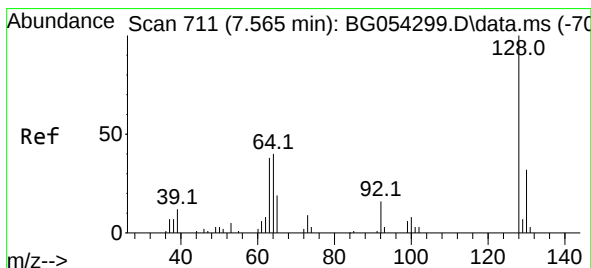
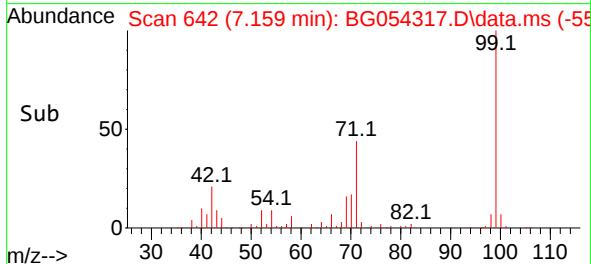
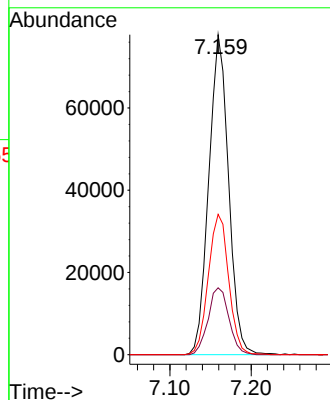
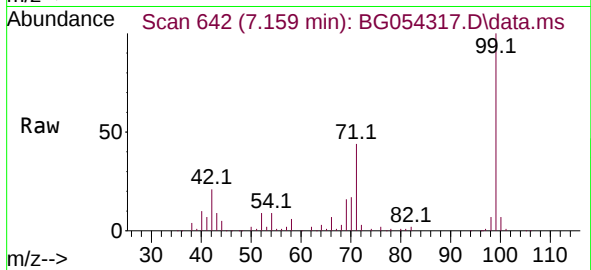




#7
Phenol-d6
Concen: 113.892 ng
RT: 7.159 min Scan# 642
Delta R.T. -0.012 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

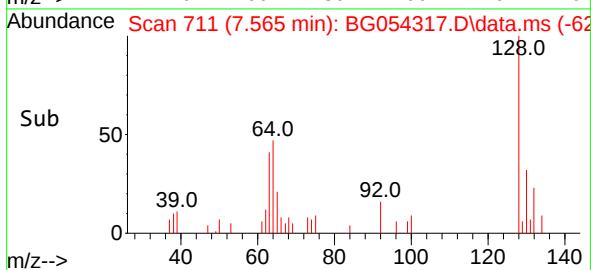
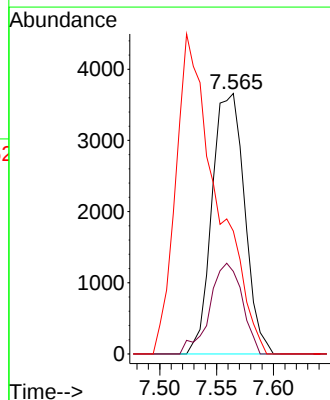
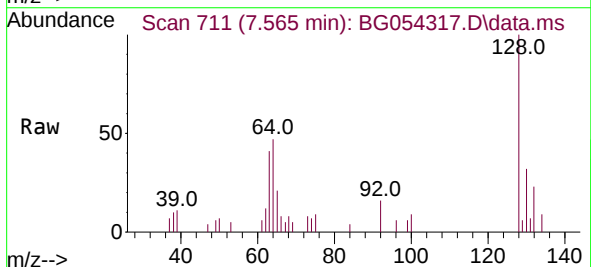
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Tgt Ion: 99 Resp: 131515
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 43.8 33.8 50.8



#8
2-Chlorophenol
Concen: 7.509 ng
RT: 7.565 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:128 Resp: 7272
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 47.2 35.1 75.1

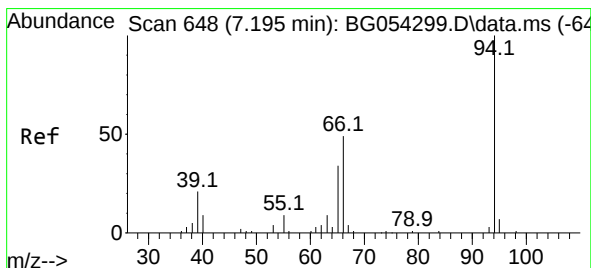
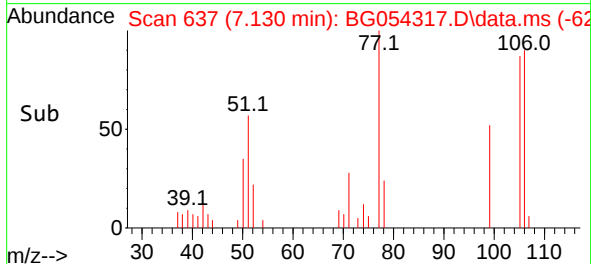
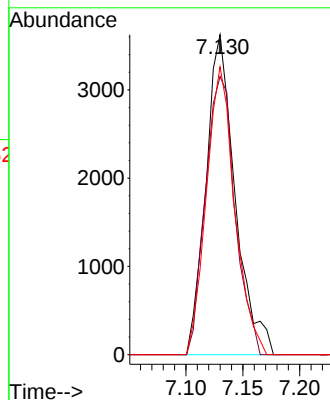
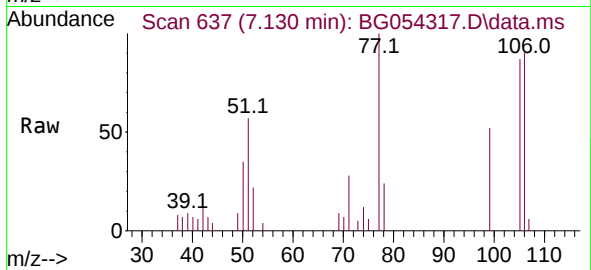




#9
Benzaldehyde
Concen: 9.991 ng
RT: 7.130 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

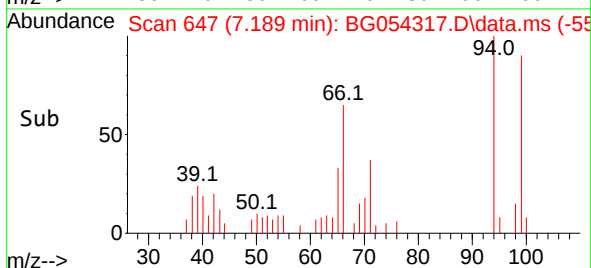
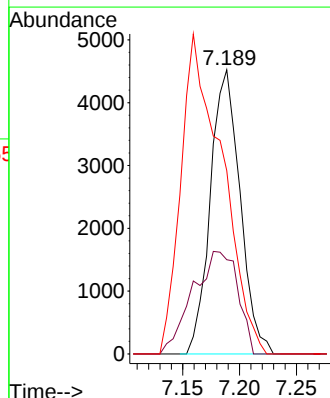
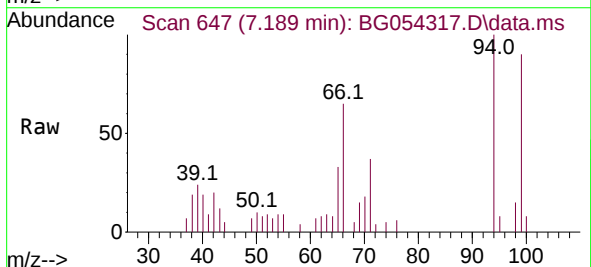
Instrument :
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Tgt Ion: 77	Resp: 6481
Ion Ratio	Lower Upper
77 100	
105 87.0	59.6 99.6
106 90.0	56.8 96.8



#10
Phenol
Concen: 7.165 ng
RT: 7.189 min Scan# 647
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion: 94	Resp: 8220
Ion Ratio	Lower Upper
94 100	
65 33.2	14.8 54.8
66 64.5	25.2 65.2

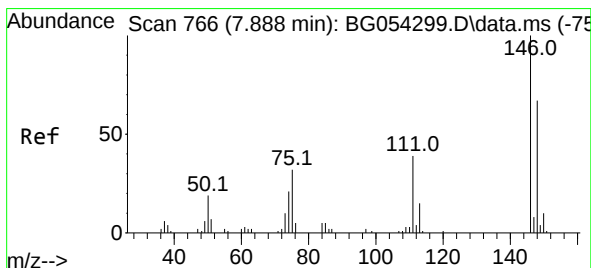
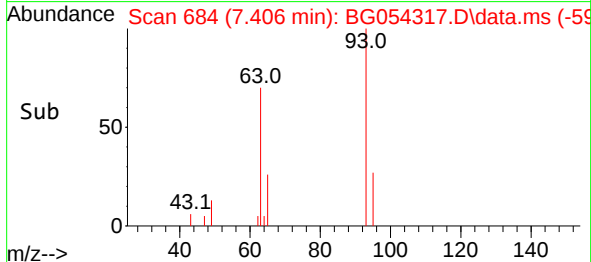
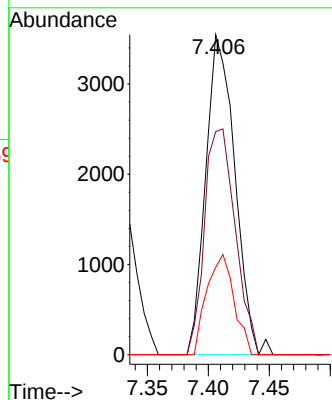
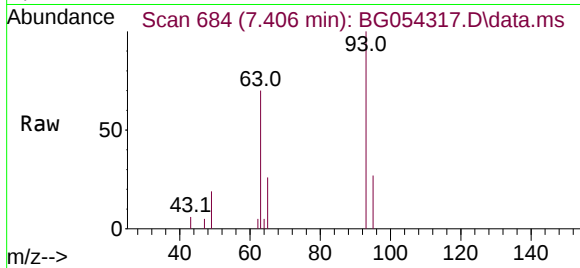




#11
bis(2-Chloroethyl)ether
Concen: 7.065 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.012 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

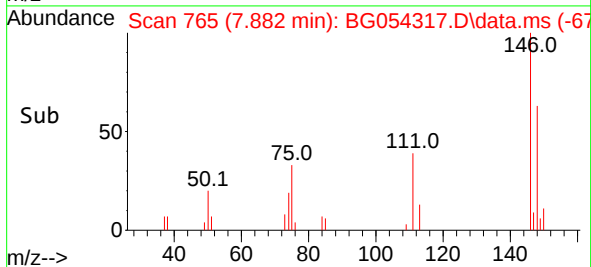
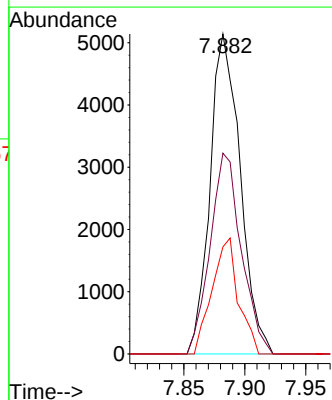
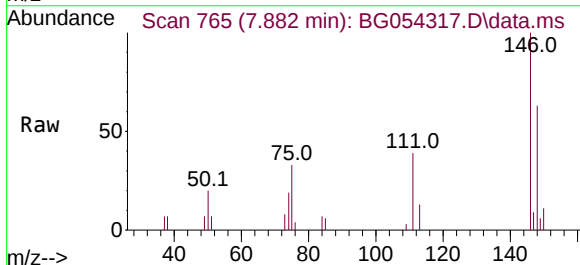
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

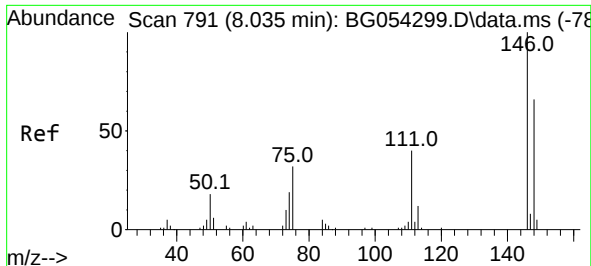
Tgt Ion: 93	Resp:	5910
Ion	Ratio	Lower Upper
93	100	
63	69.7	63.6 103.6
95	27.4	10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 7.497 ng
RT: 7.882 min Scan# 765
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion: 146	Resp:	8846
Ion	Ratio	Lower Upper
146	100	
148	62.8	46.1 69.1
75	33.5	27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 7.218 ng

RT: 8.029 min Scan# 791

Delta R.T. -0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

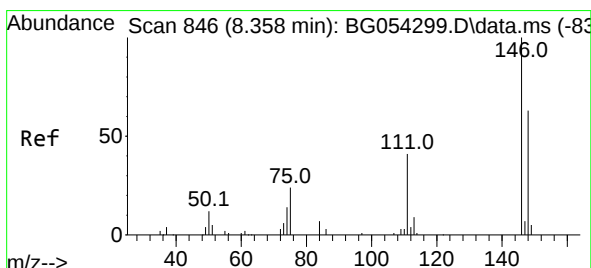
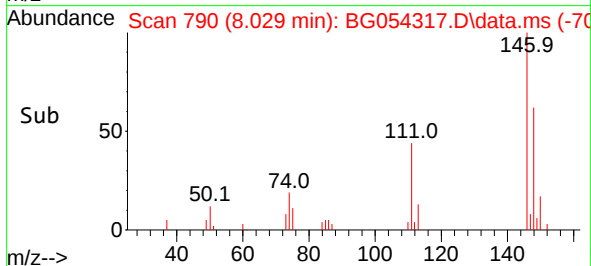
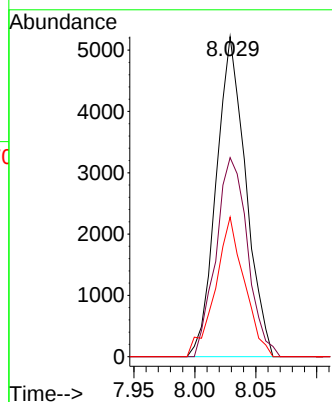
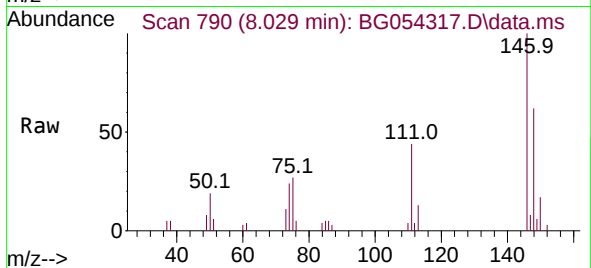
Tgt Ion:146 Resp: 8796

Ion Ratio Lower Upper

146 100

148 62.2 51.5 77.3

111 43.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 7.737 ng

RT: 8.346 min Scan# 844

Delta R.T. -0.012 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

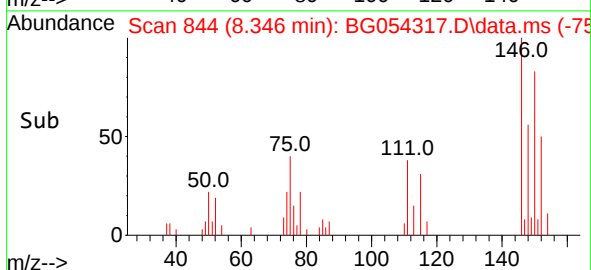
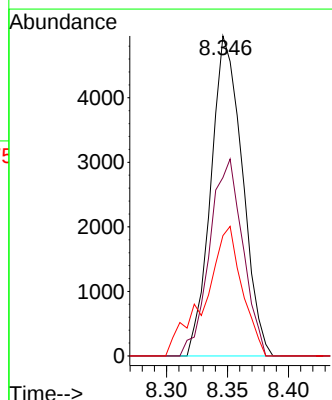
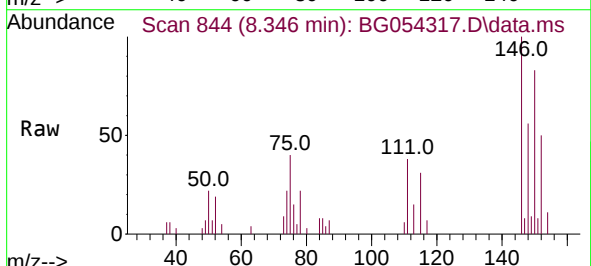
Tgt Ion:146 Resp: 8891

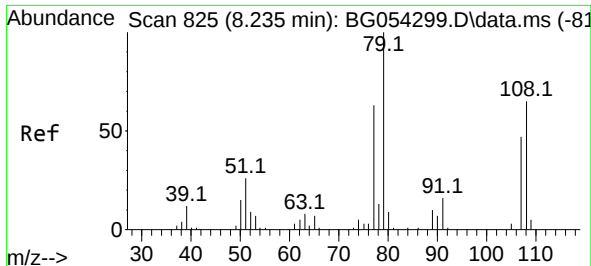
Ion Ratio Lower Upper

146 100

148 55.7 52.6 78.8

111 37.6 34.5 51.7

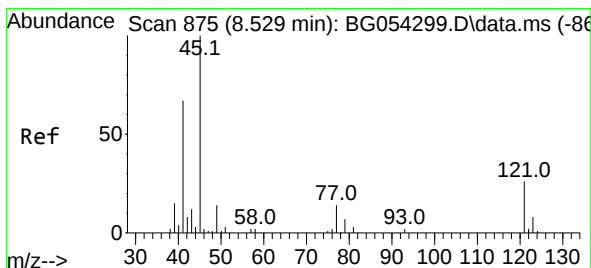
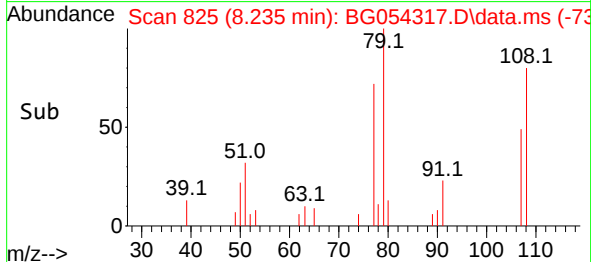
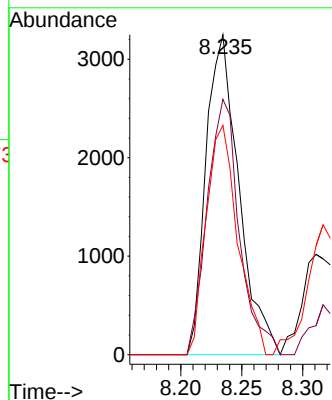
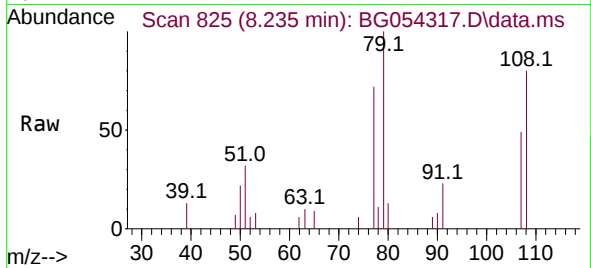




#15
Benzyl Alcohol
Concen: 6.414 ng
RT: 8.235 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

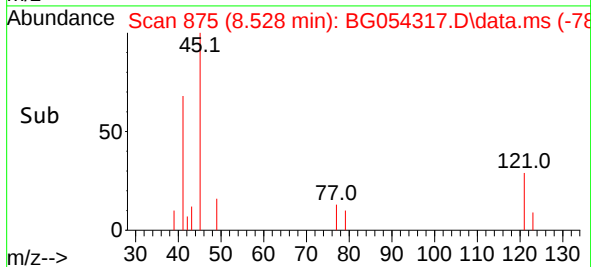
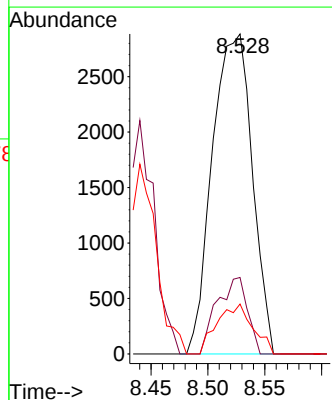
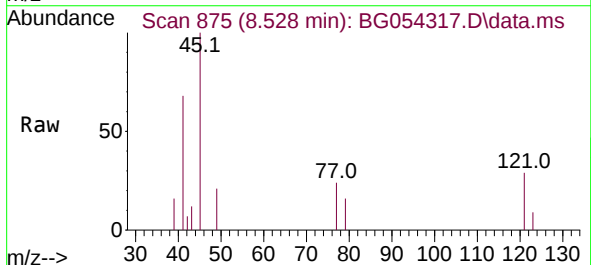
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

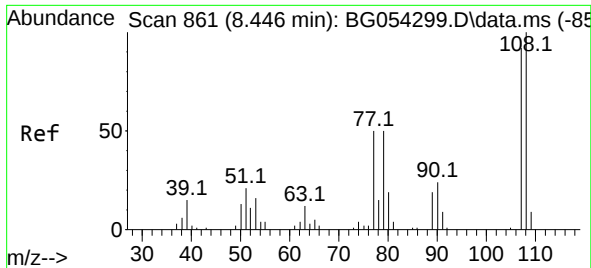
Tgt Ion:	79	Resp:	6092
Ion	Ratio	Lower	Upper
79	100		
108	79.8	53.7	80.5
77	71.6	52.2	78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.679 ng
RT: 8.528 min Scan# 875
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:	45	Resp:	7036
Ion	Ratio	Lower	Upper
45	100		
77	23.9	0.0	32.7
79	15.6	0.0	29.7

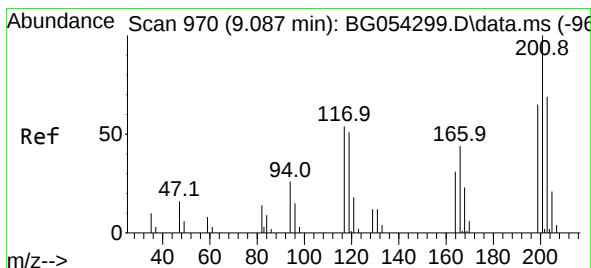
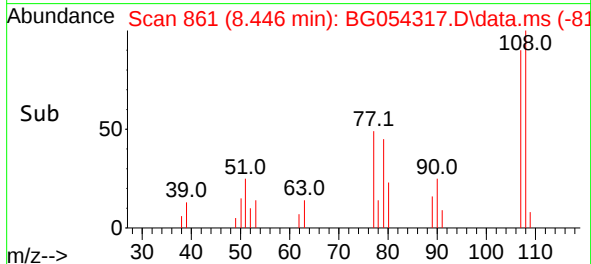
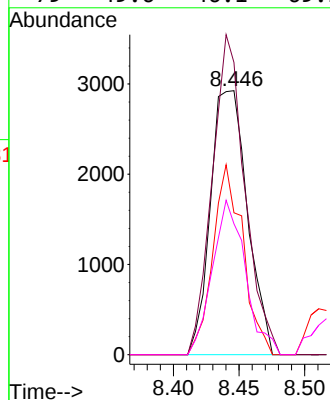
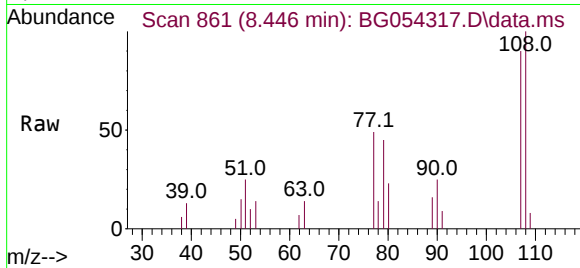




#17
2-Methylphenol
Concen: 6.937 ng
RT: 8.446 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

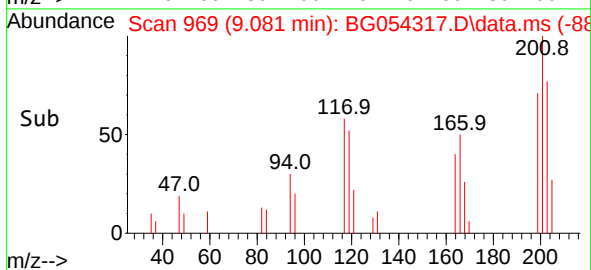
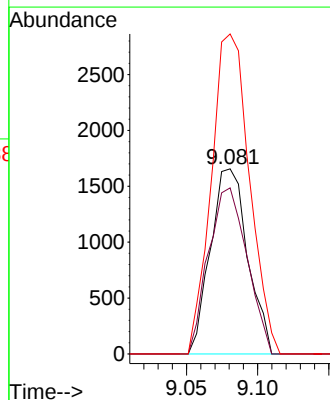
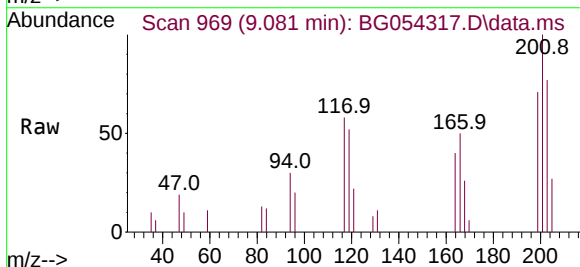
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:	107	Resp:	5736
Ion	Ratio	Lower	Upper
107	100		
108	110.7	85.4	128.0
77	53.8	46.2	69.2
79	49.6	46.1	69.1



#18
Hexachloroethane
Concen: 7.468 ng
RT: 9.081 min Scan# 969
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:	117	Resp:	3013
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.0	112.6
201	172.9	89.0	133.6#

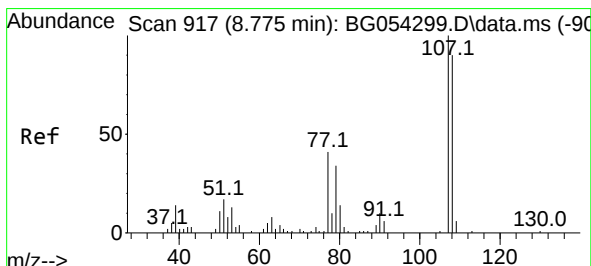
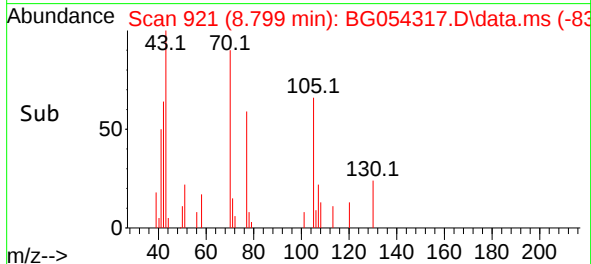
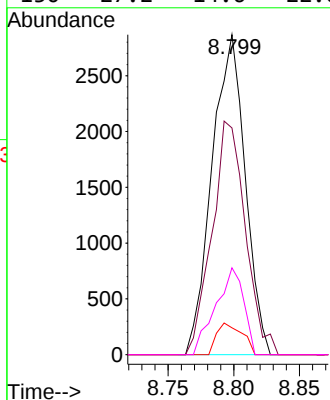
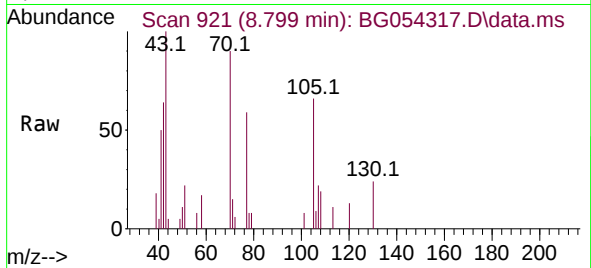




#19
n-Nitroso-di-n-propylamine
Concen: 6.541 ng
RT: 8.799 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

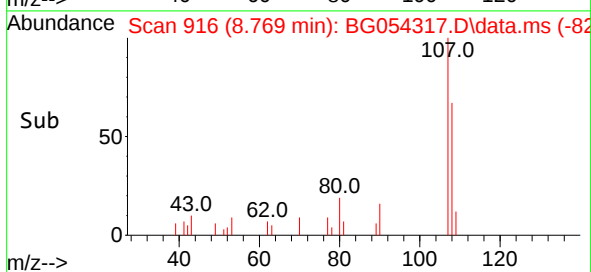
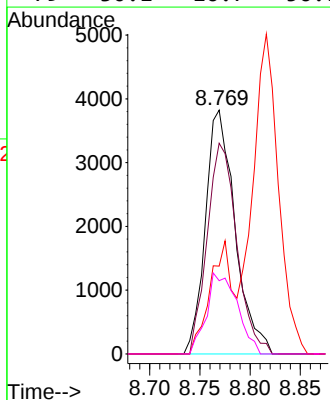
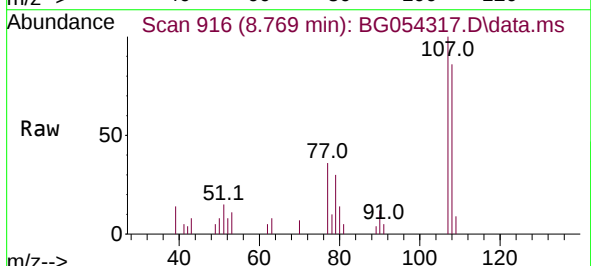
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

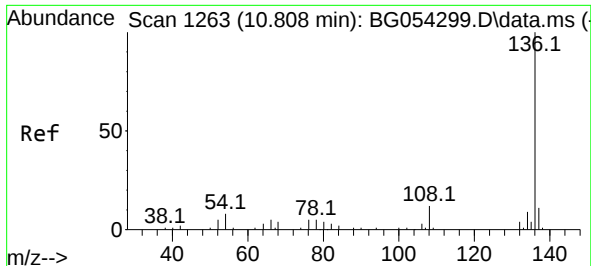
Tgt Ion:	70	Resp:	5044
Ion	Ratio	Lower	Upper
70	100		
42	70.9	47.3	70.9
101	8.4	7.0	10.4
130	27.2	14.6	22.0



#20
3+4-Methylphenols
Concen: 6.755 ng
RT: 8.769 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

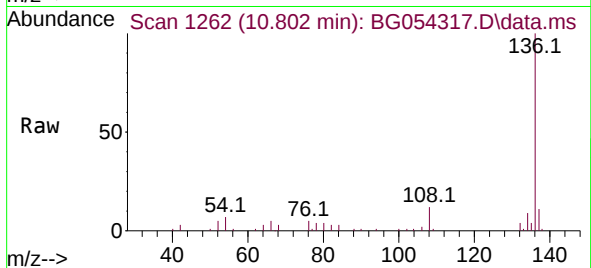
Tgt Ion:	107	Resp:	7871
Ion	Ratio	Lower	Upper
107	100		
108	86.4	67.5	107.5
77	36.0	20.3	60.3
79	30.1	16.7	56.7



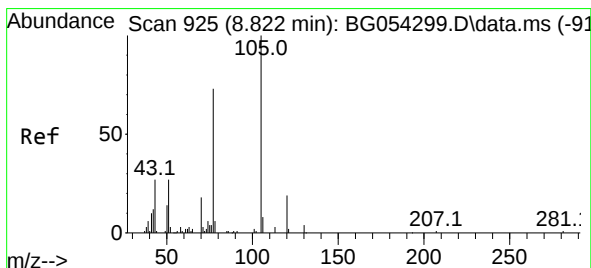
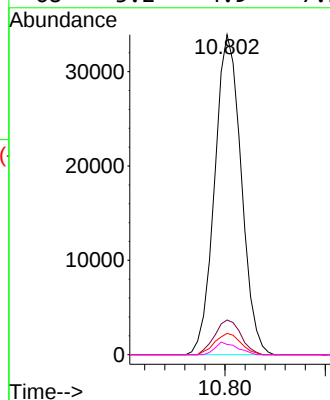
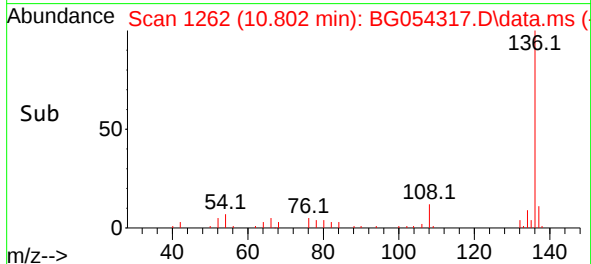


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

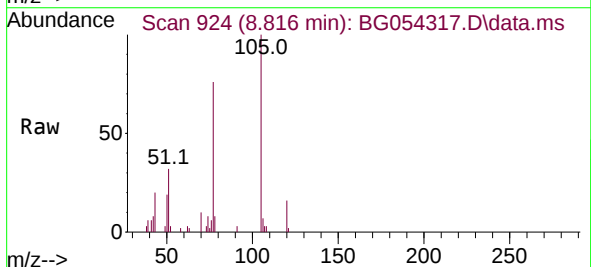
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022



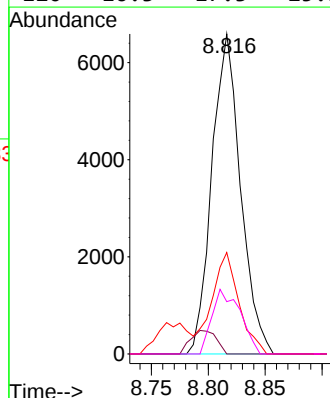
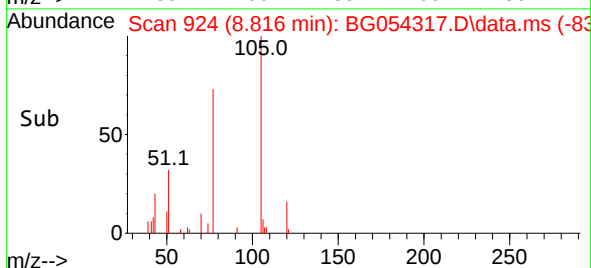
Tgt Ion:136 Resp: 62224
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.7 7.4 11.2#
68 3.2 4.9 7.3#

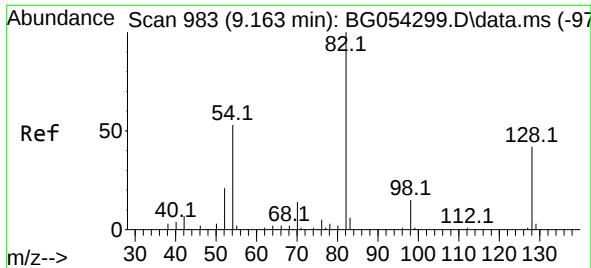


#22
Acetophenone
Concen: 7.716 ng
RT: 8.816 min Scan# 924
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06



Tgt Ion:105 Resp: 11548
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 31.7 25.4 38.0
120 16.3 17.3 25.9#

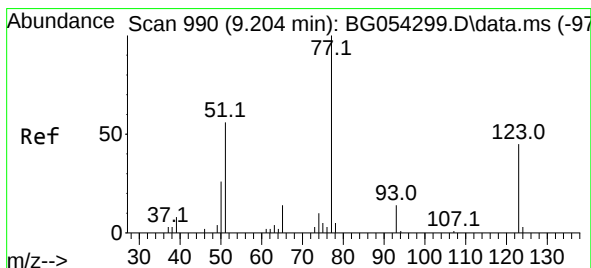
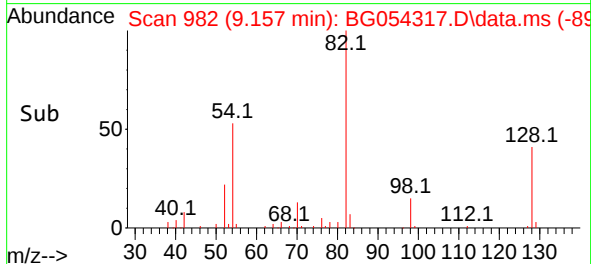
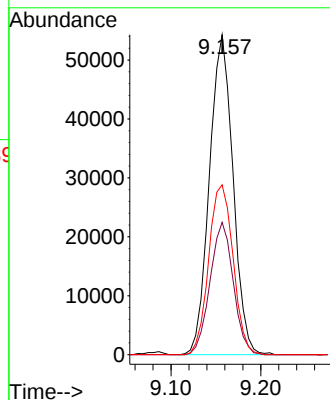
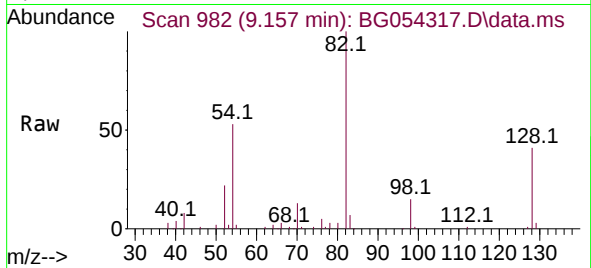




#23
Nitrobenzene-d5
Concen: 86.634 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

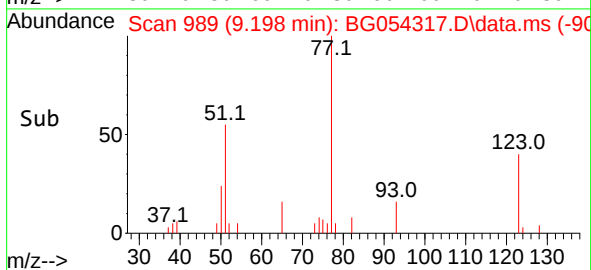
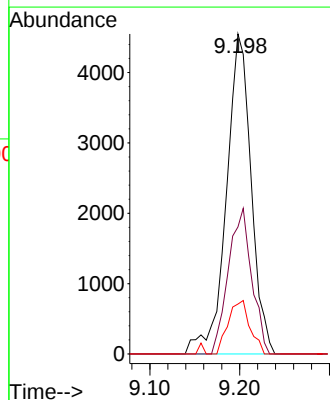
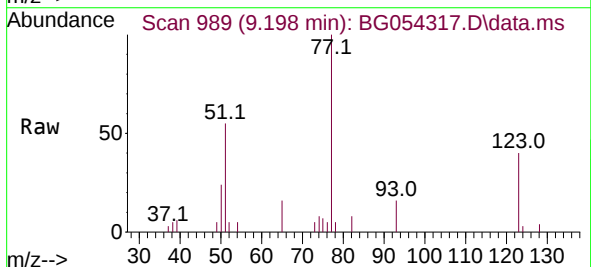
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

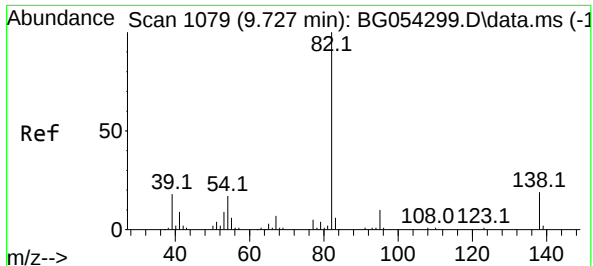
Tgt Ion: 82 Resp: 98990
Ion Ratio Lower Upper
82 100
128 41.4 27.9 41.9
54 53.1 41.2 61.8



#24
Nitrobenzene
Concen: 7.803 ng
RT: 9.198 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion: 77 Resp: 8713
Ion Ratio Lower Upper
77 100
123 39.7 27.4 41.0
65 15.6 11.4 17.0

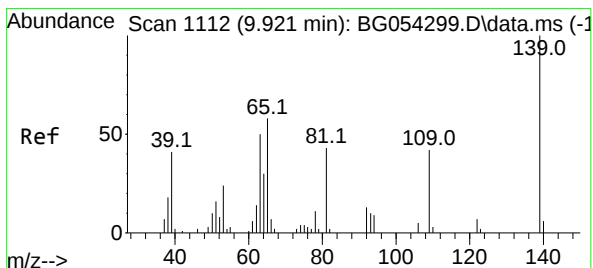
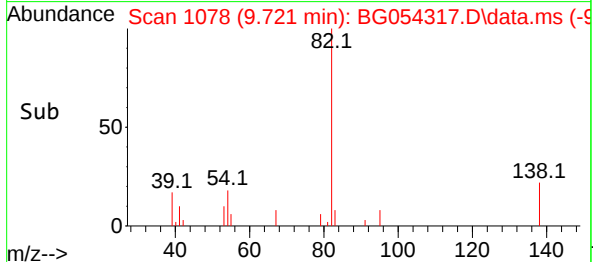
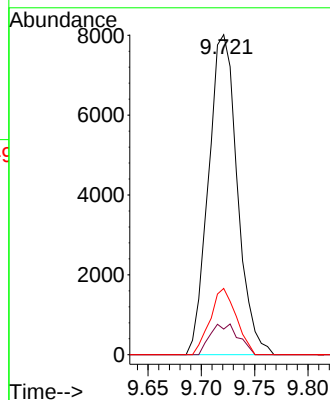
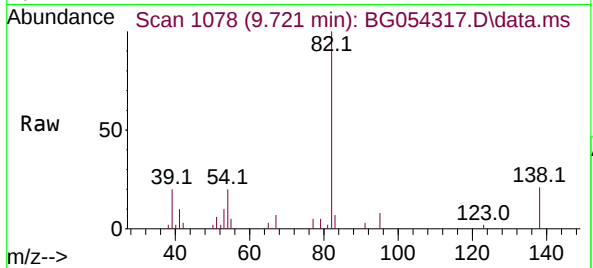




#25
Isophorone
Concen: 7.574 ng
RT: 9.721 min Scan# 1079
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

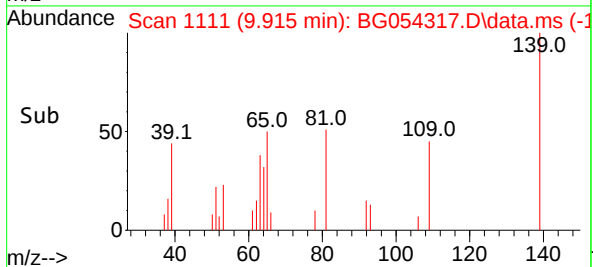
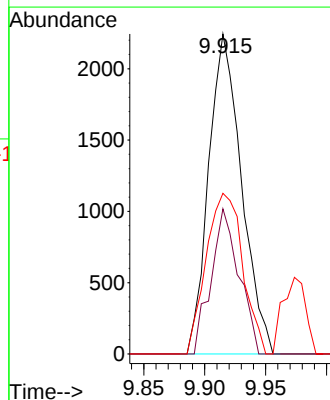
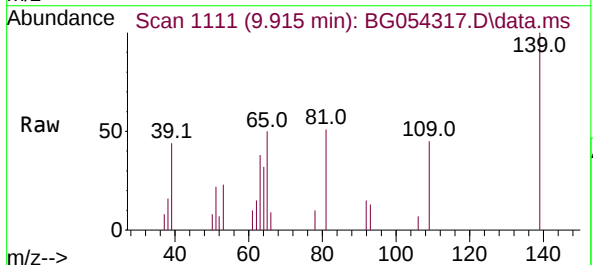
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

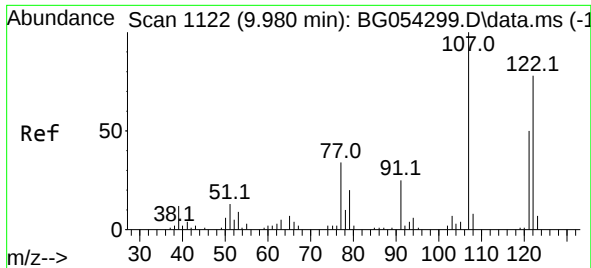
Tgt Ion: 82 Resp: 15051
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.4
138 20.7 11.6 17.4#



#26
2-Nitrophenol
Concen: 7.465 ng
RT: 9.915 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:139 Resp: 4202
Ion Ratio Lower Upper
139 100
109 45.4 36.1 54.1
65 50.2 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 8.204 ng

RT: 9.974 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

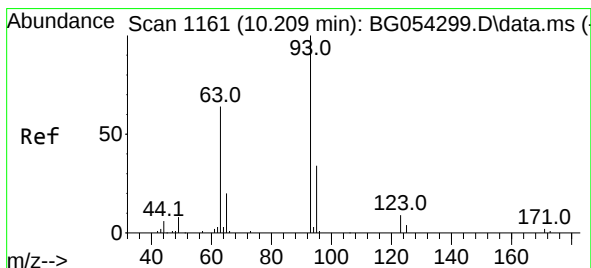
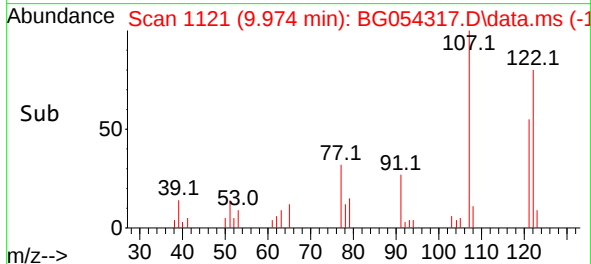
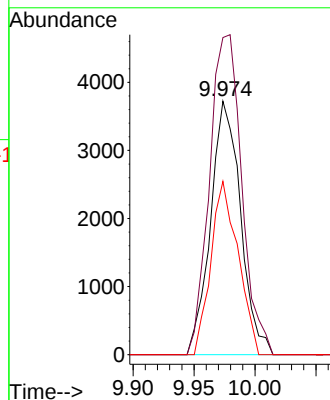
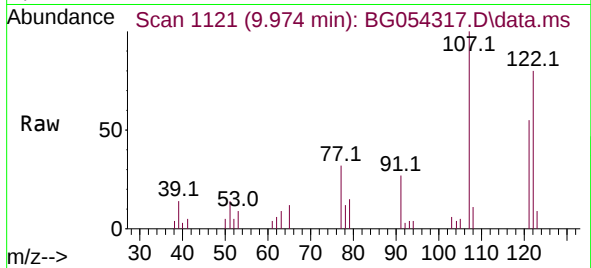
Tgt Ion:122 Resp: 6379

Ion Ratio Lower Upper

122 100

107 125.1 109.4 164.0

121 68.4 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 8.247 ng

RT: 10.203 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

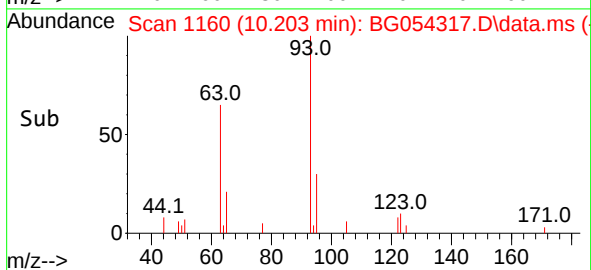
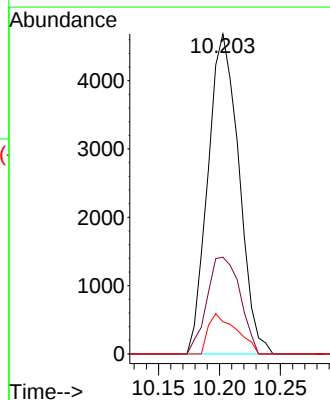
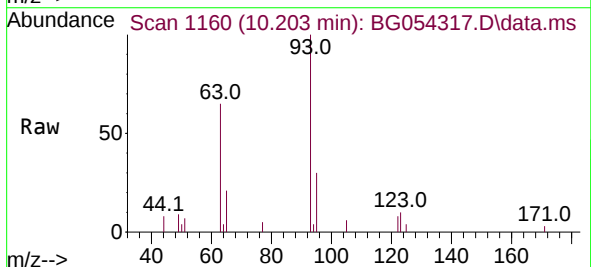
Tgt Ion: 93 Resp: 8266

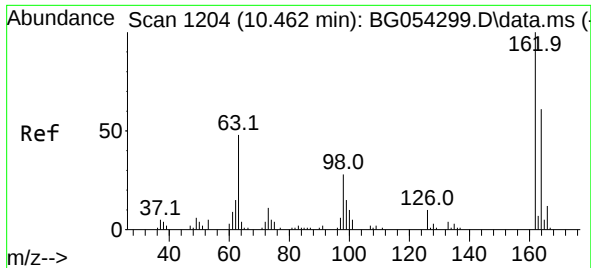
Ion Ratio Lower Upper

93 100

95 30.2 26.9 40.3

123 10.1 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 7.264 ng

RT: 10.461 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

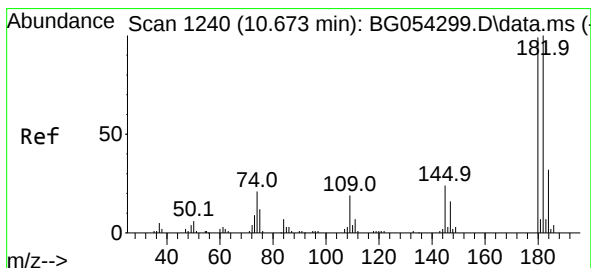
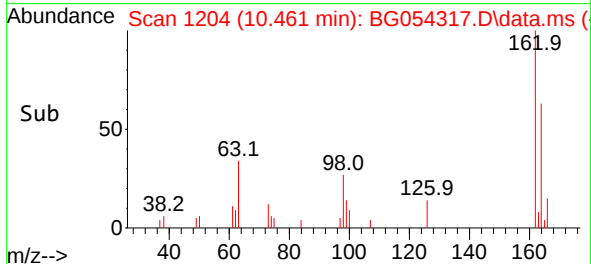
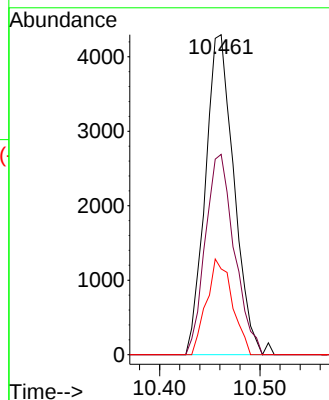
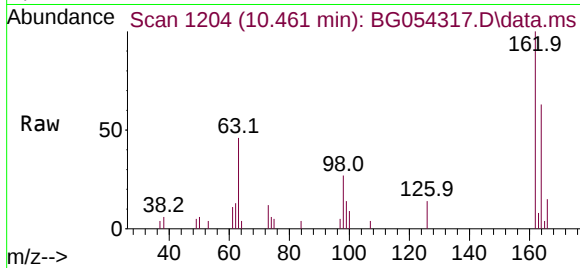
Tgt Ion:162 Resp: 8525

Ion Ratio Lower Upper

162 100

164 62.6 46.6 86.6

98 26.8 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 7.724 ng

RT: 10.667 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

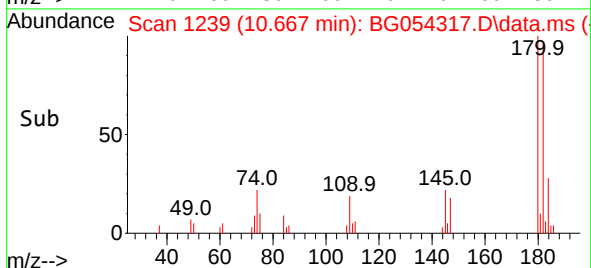
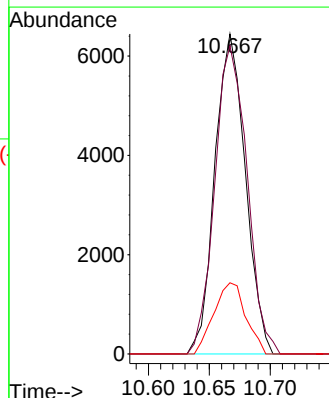
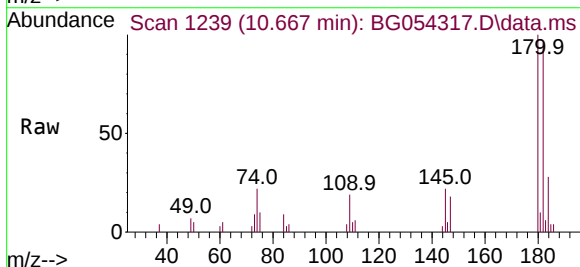
Tgt Ion:180 Resp: 11228

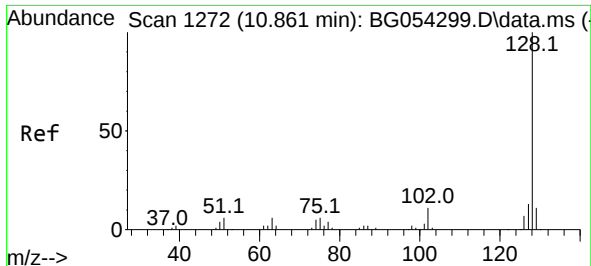
Ion Ratio Lower Upper

180 100

182 96.3 76.6 115.0

145 22.3 25.0 37.4#

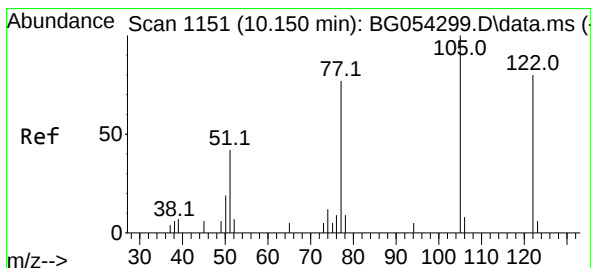
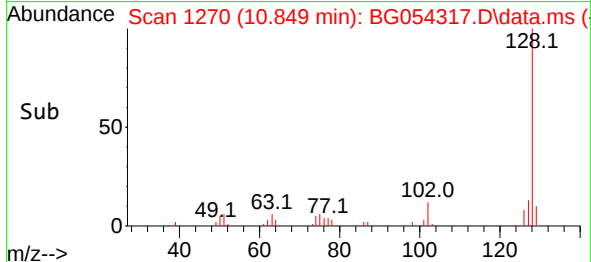
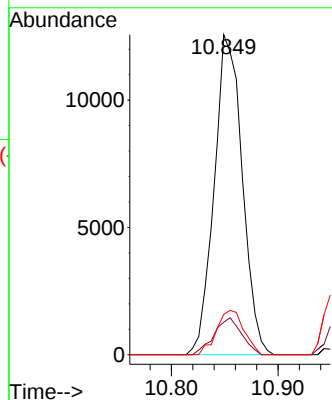
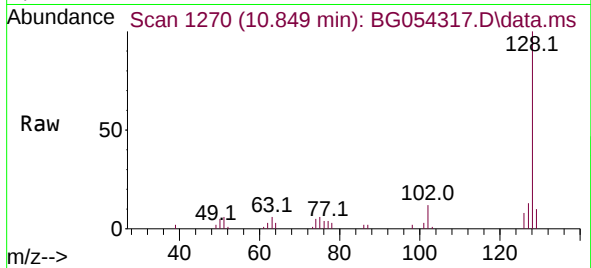




#31
Naphthalene
Concen: 7.350 ng
RT: 10.849 min Scan# 1127
Delta R.T. -0.012 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

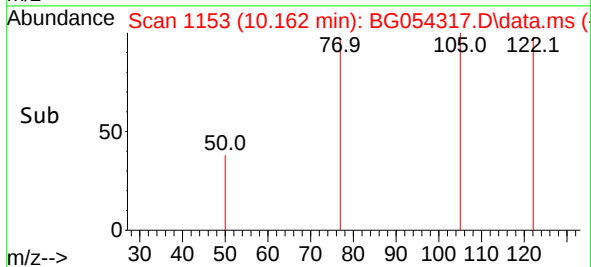
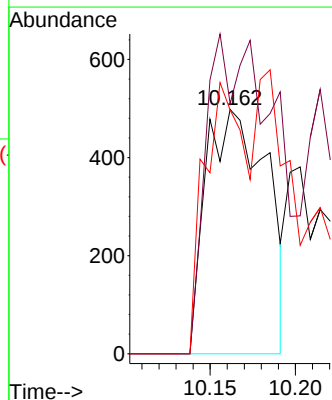
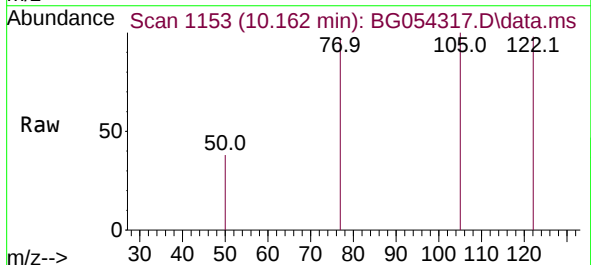
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:128 Resp: 22959
Ion Ratio Lower Upper
128 100
129 10.1 9.0 13.6
127 12.6 11.1 16.7



#32
Benzoic acid
Concen: 4.975 ng
RT: 10.162 min Scan# 1153
Delta R.T. 0.012 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

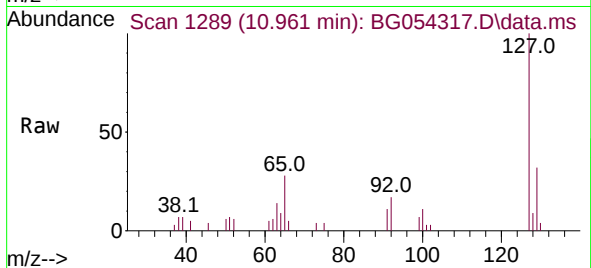
Tgt Ion:122 Resp: 1234
Ion Ratio Lower Upper
122 100
105 102.4 111.8 151.8#
77 99.8 109.4 149.4#



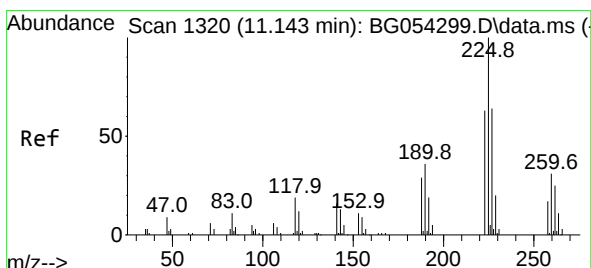
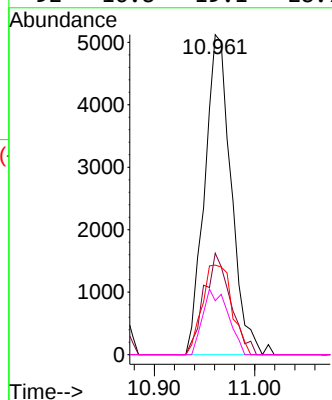
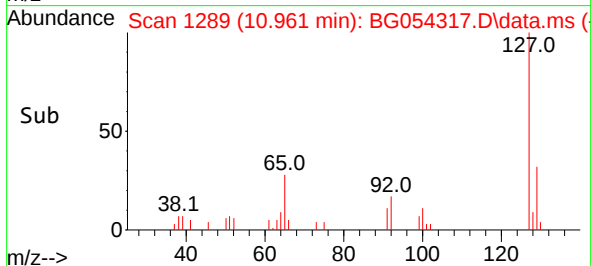


#33
4-Chloroaniline
Concen: 7.402 ng
RT: 10.961 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

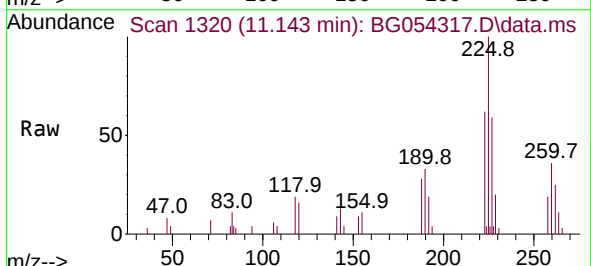
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022



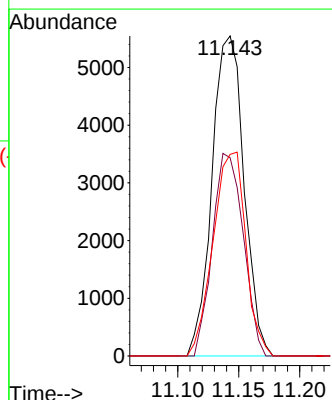
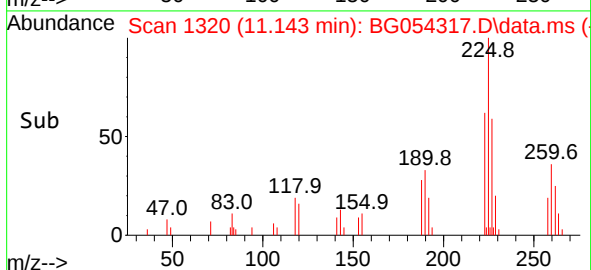
Tgt Ion:	127	Resp:	9402
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	28.0	31.1	46.7#
92	16.8	19.1	28.7#



#34
Hexachlorobutadiene
Concen: 7.883 ng
RT: 11.143 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06



Tgt Ion:	225	Resp:	10127
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.9	73.3
227	60.6	52.8	79.2

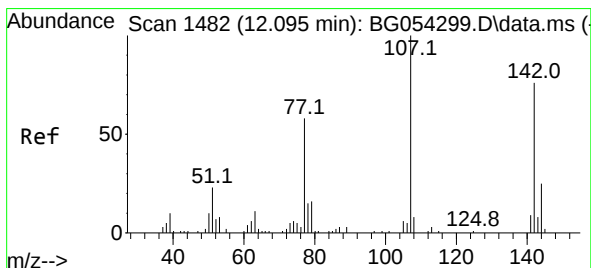
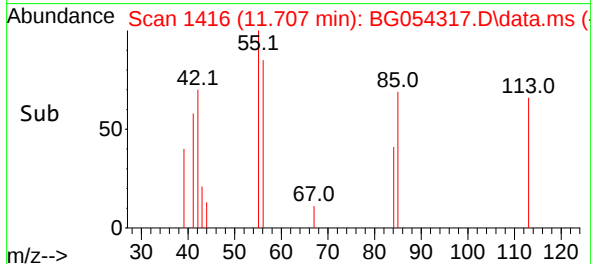
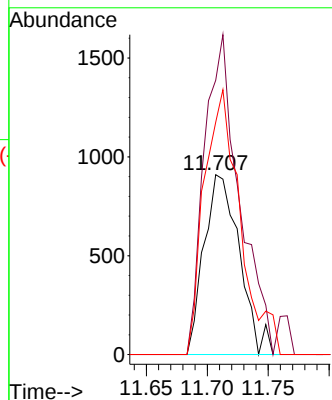
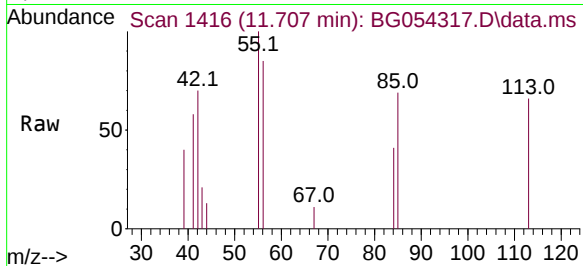




#35
Caprolactam
Concen: 6.203 ng
RT: 11.707 min Scan# 1416
Delta R.T. -0.030 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

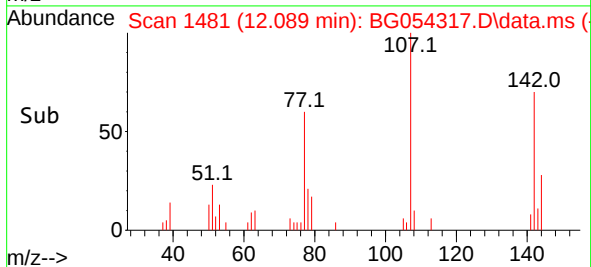
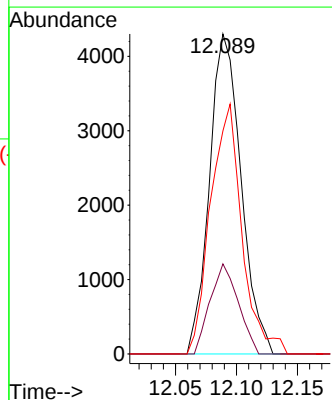
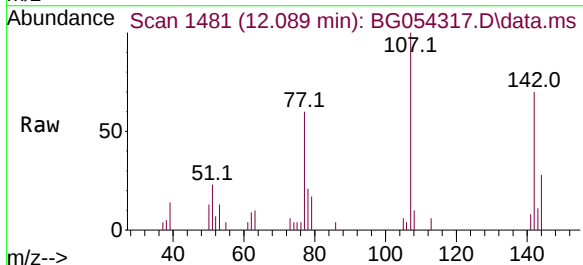
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:113 Resp: 1833
Ion Ratio Lower Upper
113 100
55 152.4 169.8 209.8#
56 129.1 141.2 181.2#



#36
4-Chloro-3-methylphenol
Concen: 7.259 ng
RT: 12.089 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:107 Resp: 7751
Ion Ratio Lower Upper
107 100
144 28.2 18.5 27.7#
142 69.7 55.0 82.4





#37

2-Methylnaphthalene

Concen: 7.382 ng

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

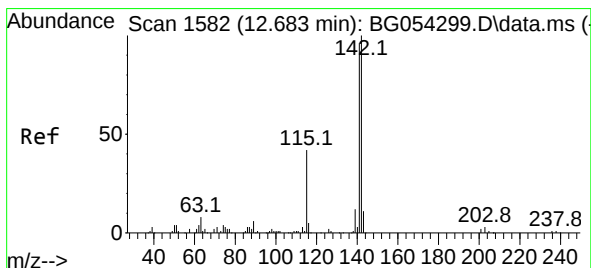
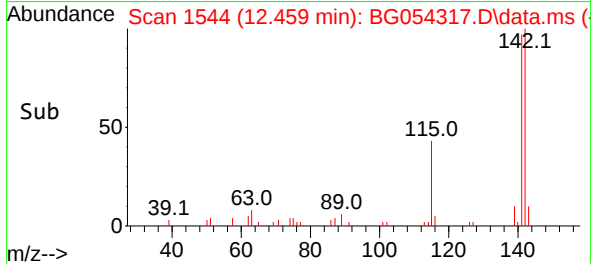
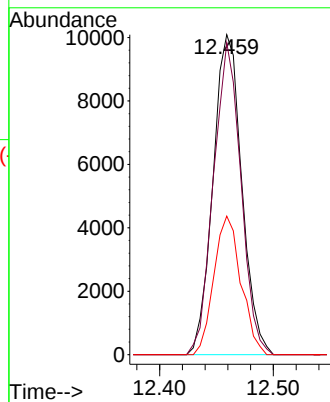
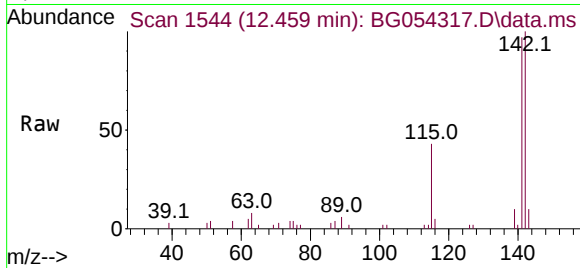
Tgt Ion:142 Resp: 17706

Ion Ratio Lower Upper

142 100

141 97.5 72.3 108.5

115 43.3 33.7 50.5



#38

1-Methylnaphthalene

Concen: 7.311 ng

RT: 12.676 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

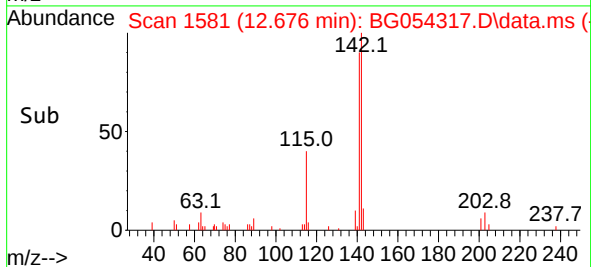
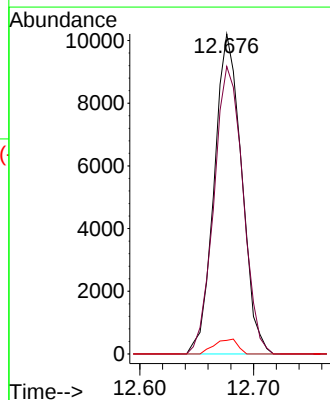
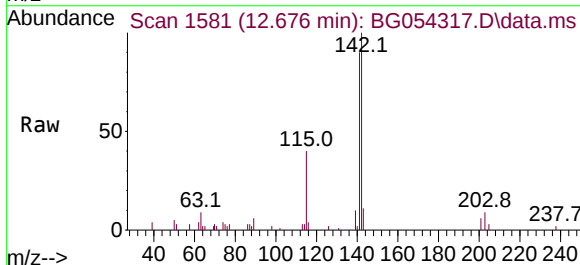
Tgt Ion:142 Resp: 17089

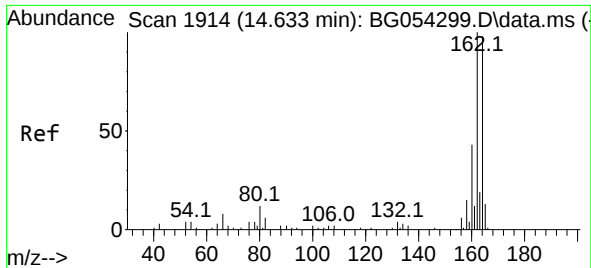
Ion Ratio Lower Upper

142 100

141 89.9 76.4 114.6

116 4.3 3.3 4.9

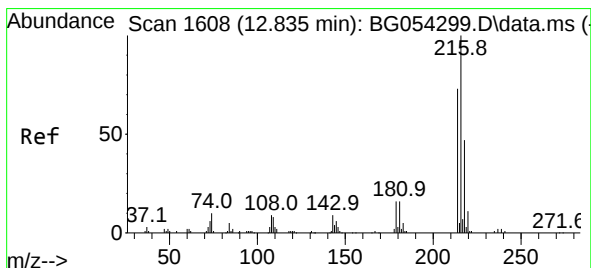
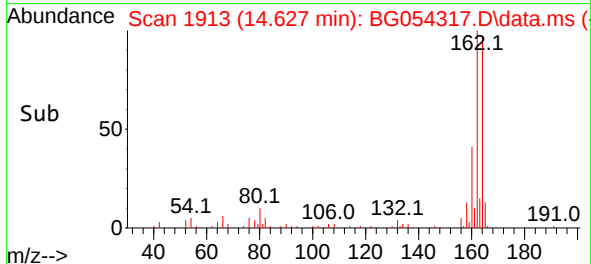
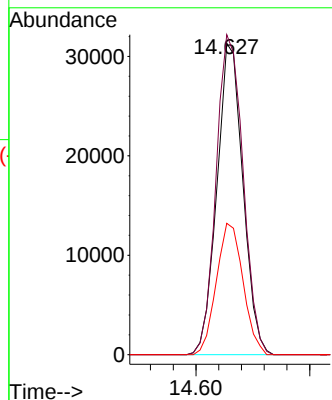
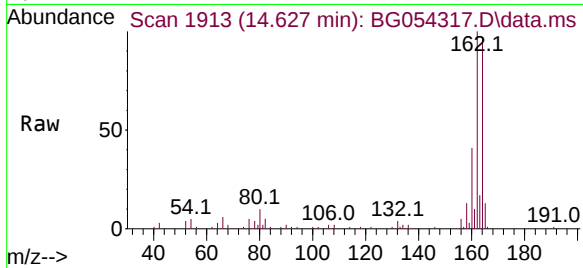




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

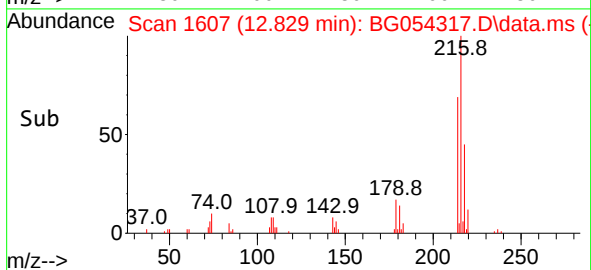
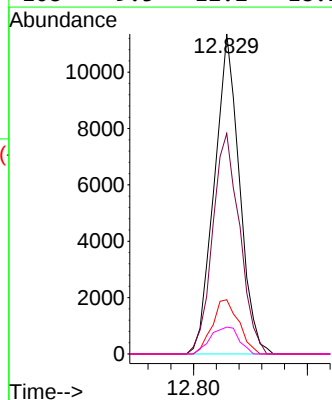
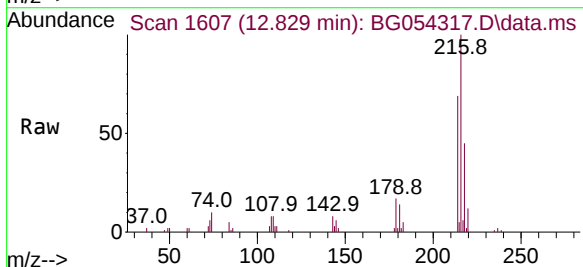
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

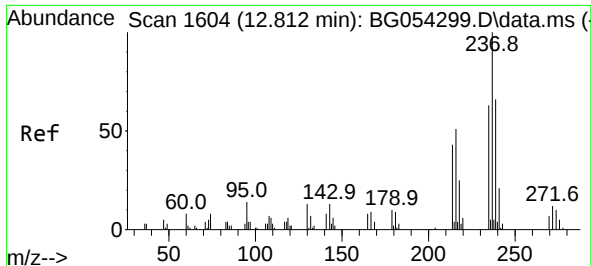
Tgt Ion:164 Resp: 49684
Ion Ratio Lower Upper
164 100
162 102.8 82.3 123.5
160 42.2 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.991 ng
RT: 12.829 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:216 Resp: 17395
Ion Ratio Lower Upper
216 100
214 74.1 62.9 94.3
179 17.9 16.1 24.1
108 9.5 12.2 18.2#

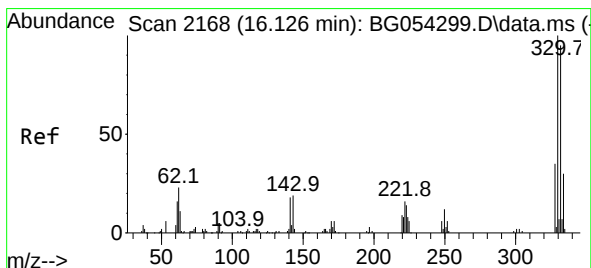
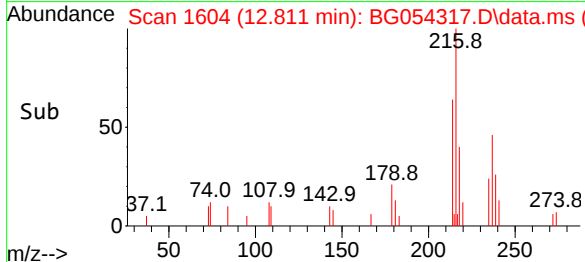
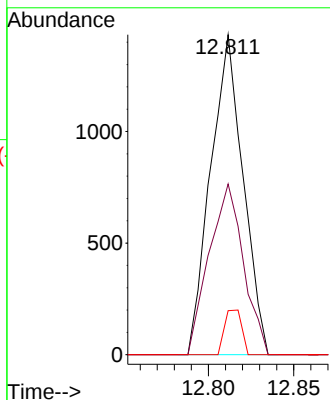
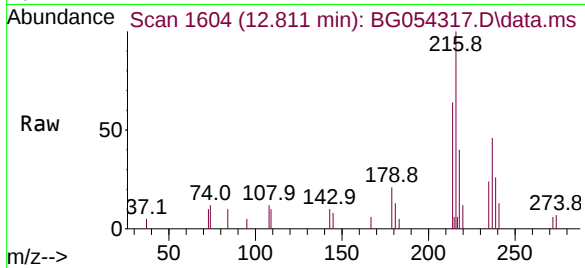




#41
Hexachlorocyclopentadiene
Concen: 3.717 ng
RT: 12.811 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

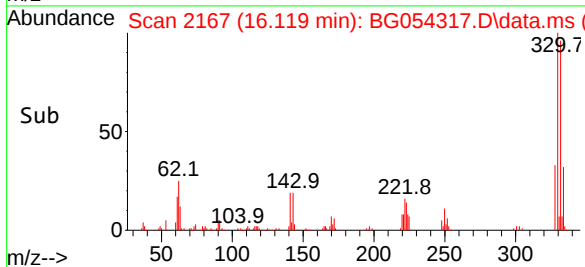
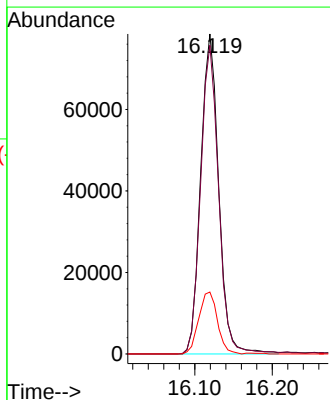
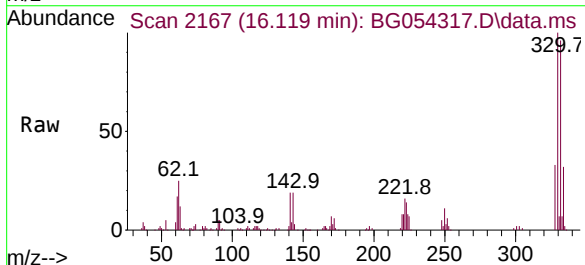
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

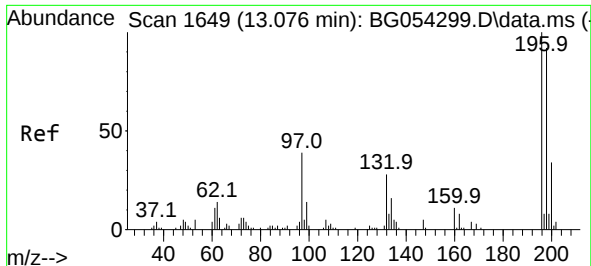
Tgt Ion:	237	Resp:	1898
Ion	Ratio	Lower	Upper
237	100		
235	53.3	43.5	83.5
272	13.7	0.0	30.1



#42
2,4,6-Tribromophenol
Concen: 121.434 ng
RT: 16.119 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:	330	Resp:	126677
Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	20.0	27.1	40.7#

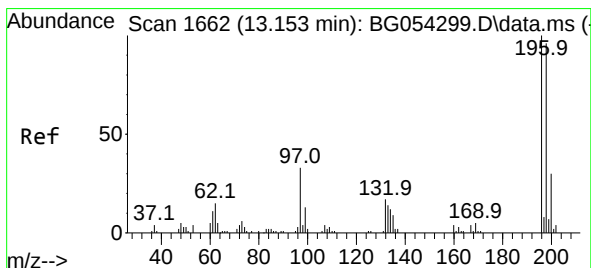
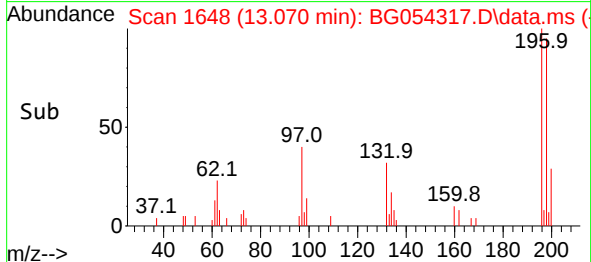
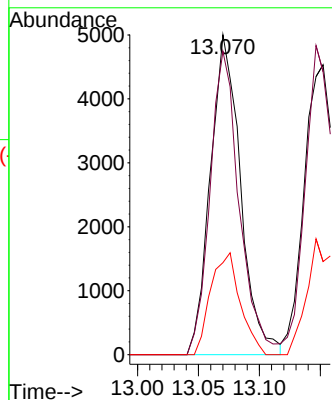
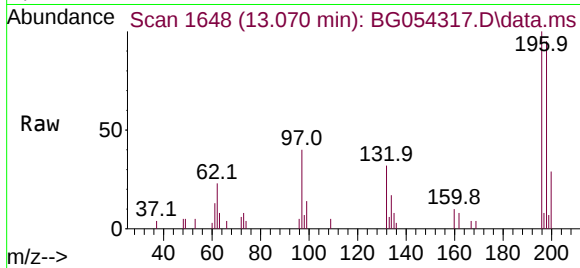




#43
2,4,6-Trichlorophenol
Concen: 7.270 ng
RT: 13.070 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

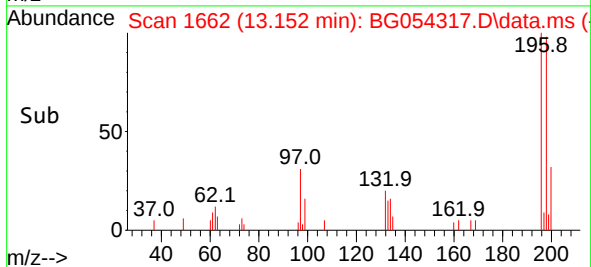
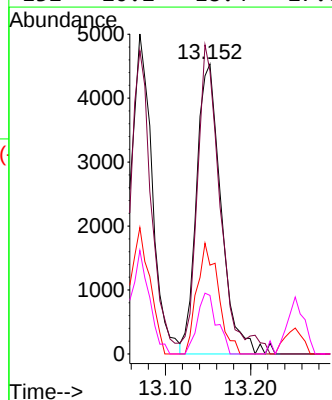
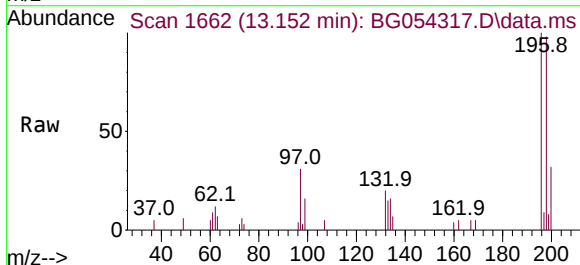
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

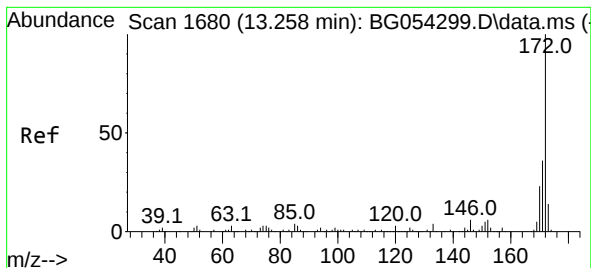
Tgt Ion:196 Resp: 8616
Ion Ratio Lower Upper
196 100
198 94.8 74.1 111.1
200 28.7 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 6.795 ng
RT: 13.152 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:196 Resp: 9099
Ion Ratio Lower Upper
196 100
198 97.6 76.8 115.2
97 30.7 39.8 59.6#
132 20.2 18.4 27.6





#45

2-Fluorobiphenyl

Concen: 88.058 ng

RT: 13.252 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

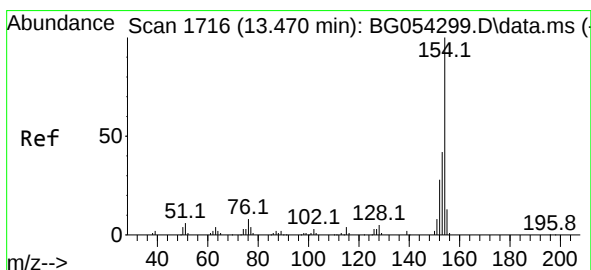
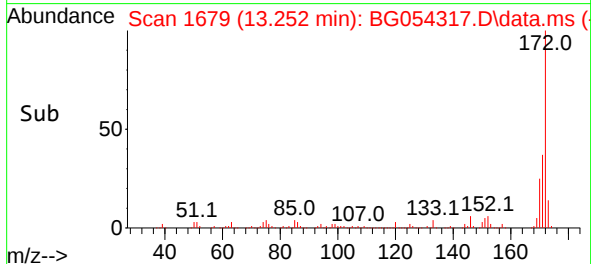
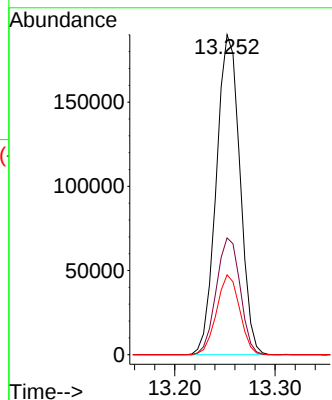
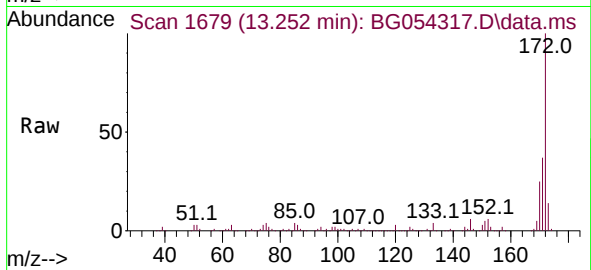
Tgt Ion:172 Resp: 310136

Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 25.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 8.022 ng

RT: 13.464 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

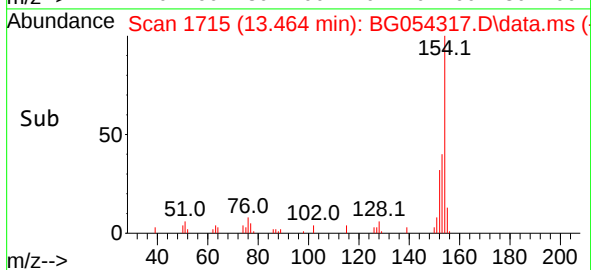
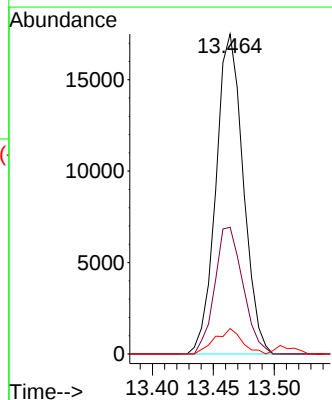
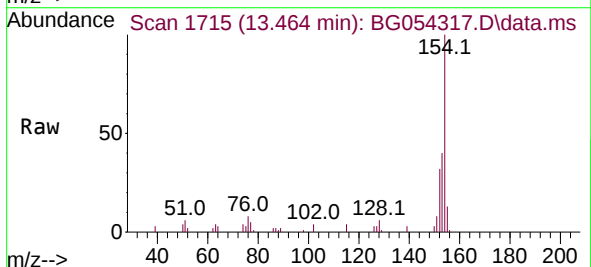
Tgt Ion:154 Resp: 27266

Ion Ratio Lower Upper

154 100

153 39.6 21.6 61.6

76 8.0 0.0 32.6

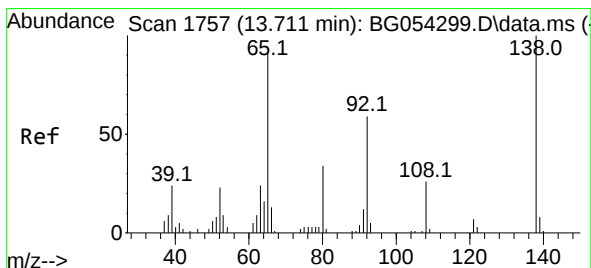
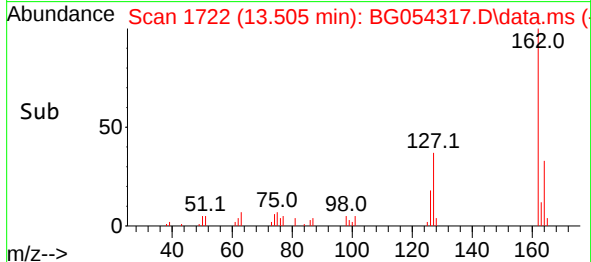
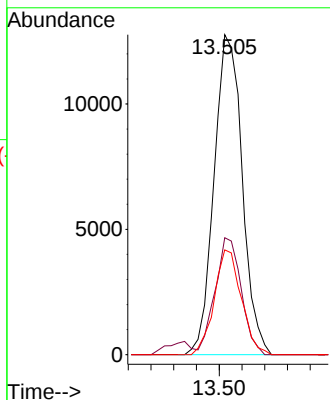
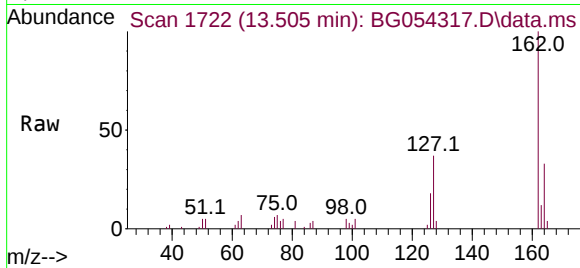




#47
2-Chloronaphthalene
Concen: 7.714 ng
RT: 13.505 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

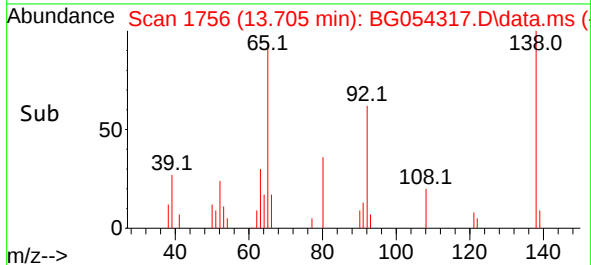
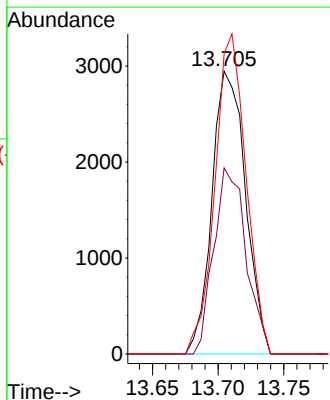
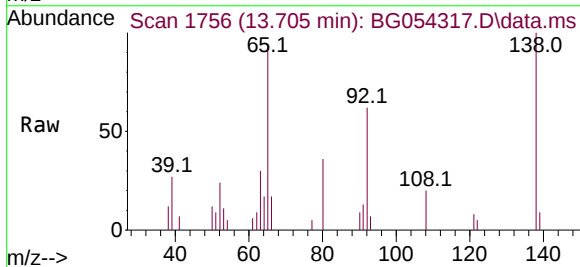
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

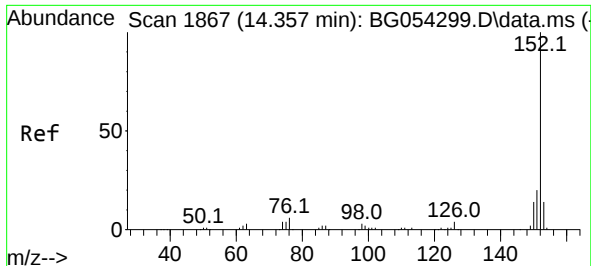
Tgt Ion:	162	Resp:	21944
Ion Ratio	Lower	Upper	
162	100		
127	36.5	30.6	45.8
164	32.7	26.5	39.7



#48
2-Nitroaniline
Concen: 7.033 ng
RT: 13.705 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:	65	Resp:	5221
Ion Ratio	Lower	Upper	
65	100		
92	65.9	51.5	77.3
138	106.1	71.3	106.9

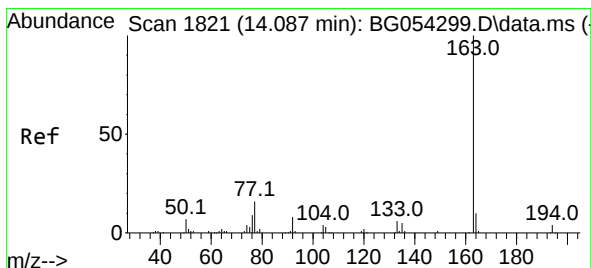
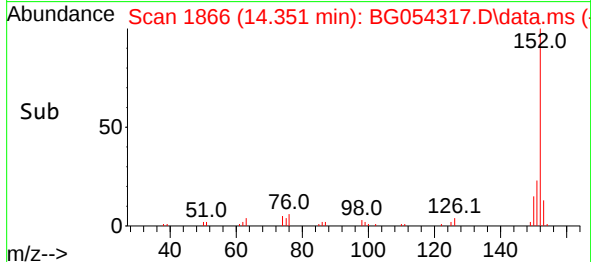
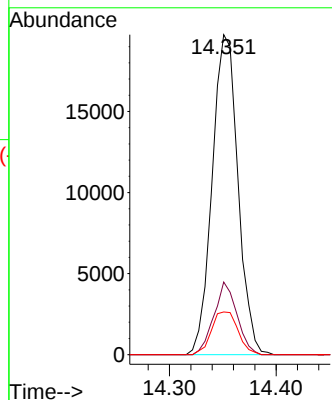
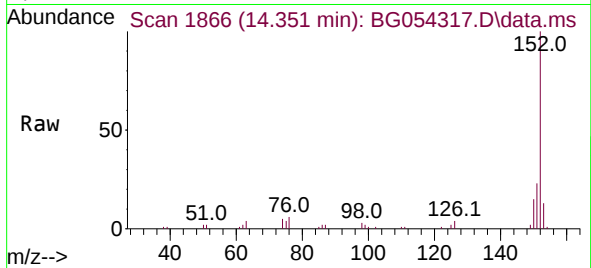




#49
Acenaphthylene
Concen: 7.836 ng
RT: 14.351 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

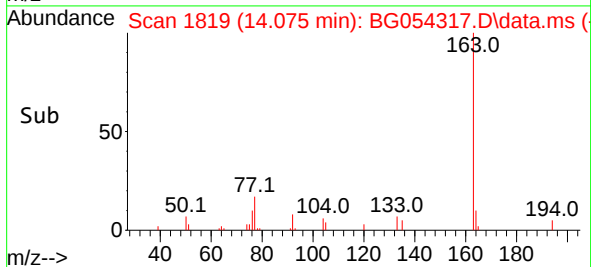
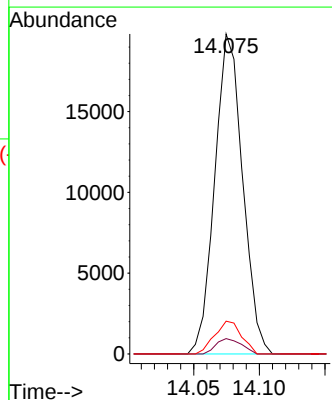
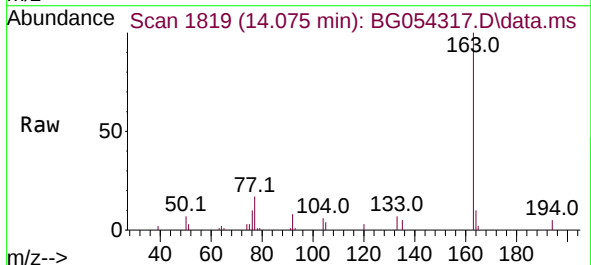
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:152 Resp: 33122
Ion Ratio Lower Upper
152 100
151 22.7 16.4 24.6
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 7.525 ng
RT: 14.075 min Scan# 1819
Delta R.T. -0.012 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:163 Resp: 29202
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.6#
164 10.2 8.0 12.0

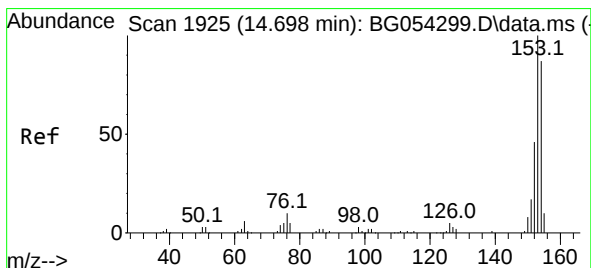
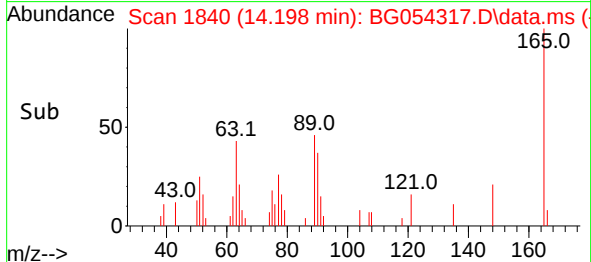
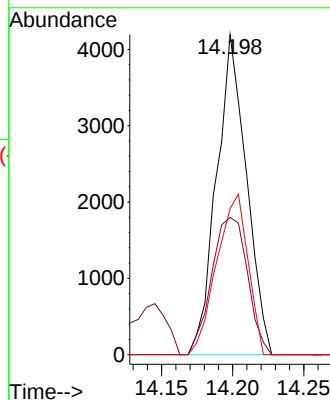
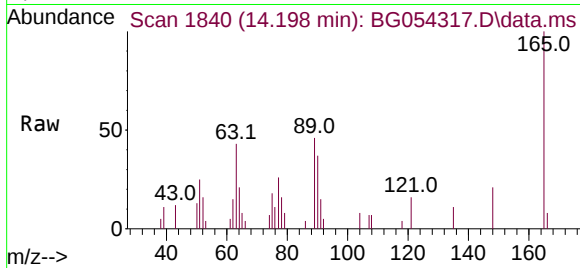




#51
2,6-Dinitrotoluene
Concen: 7.218 ng
RT: 14.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

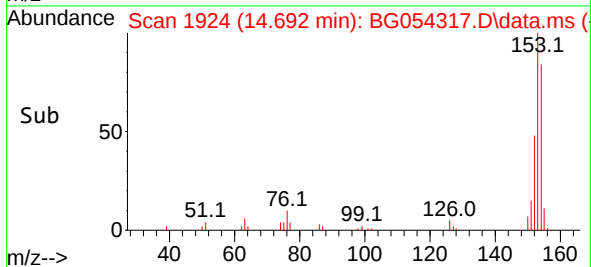
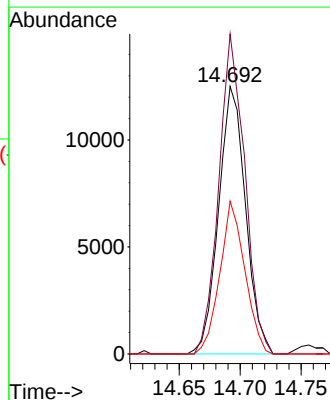
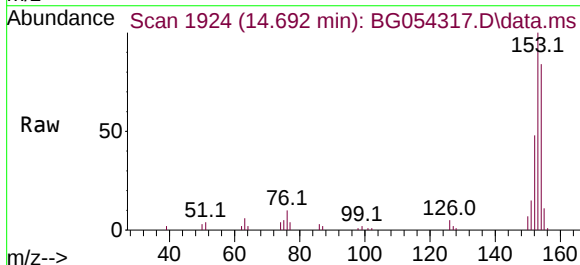
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

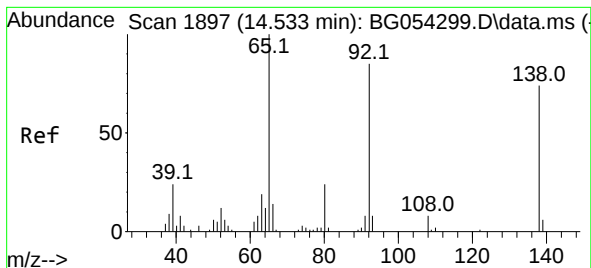
Tgt Ion:165 Resp: 6144
Ion Ratio Lower Upper
165 100
63 42.9 54.1 81.1#
89 45.6 54.8 82.2#



#52
Acenaphthene
Concen: 7.522 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:154 Resp: 19253
Ion Ratio Lower Upper
154 100
153 119.6 92.7 139.1
152 57.1 42.6 64.0

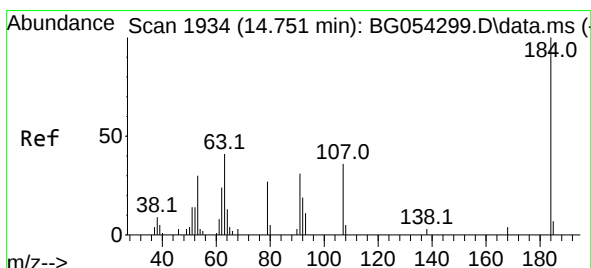
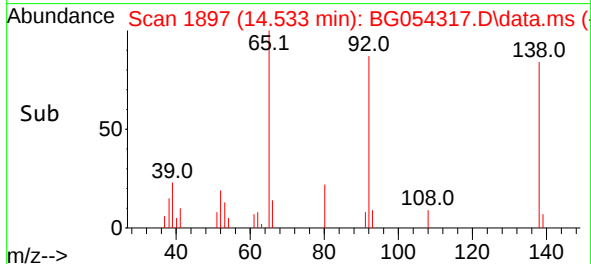
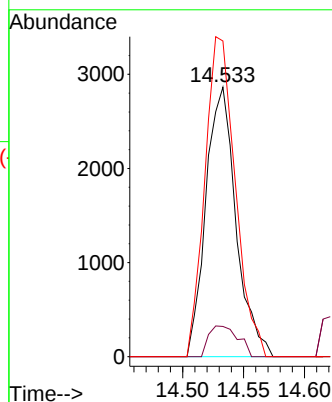
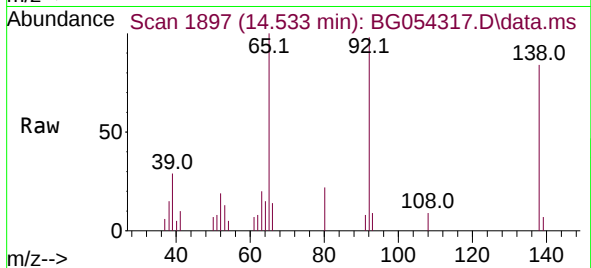




#53
3-Nitroaniline
Concen: 6.921 ng
RT: 14.533 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

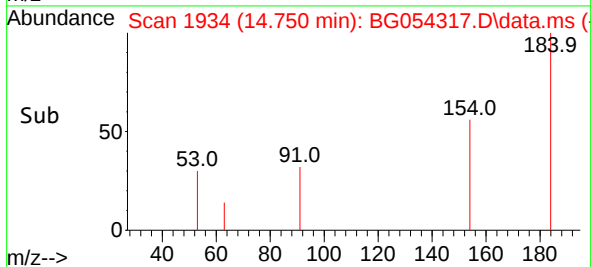
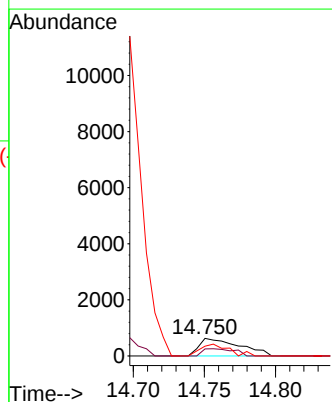
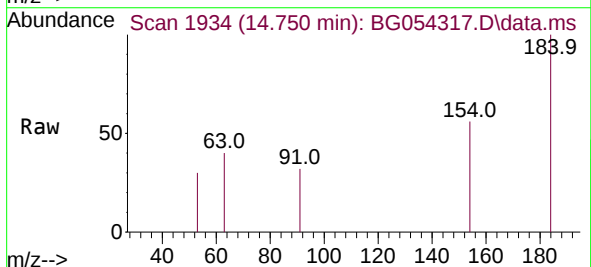
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

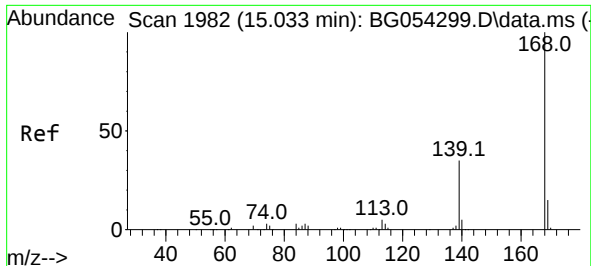
Tgt Ion:138 Resp: 4927
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 117.1 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 3.010 ng
RT: 14.750 min Scan# 1934
Delta R.T. -0.001 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:184 Resp: 1245
Ion Ratio Lower Upper
184 100
63 40.5 61.1 91.7#
154 56.0 60.6 91.0#

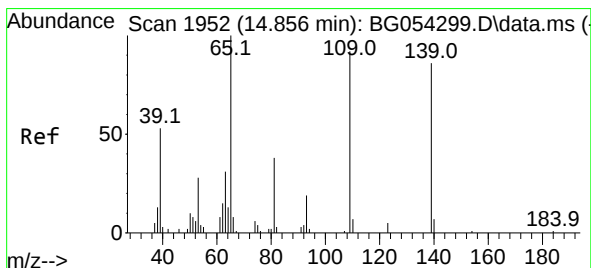
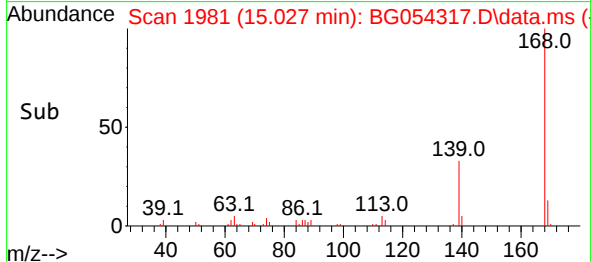
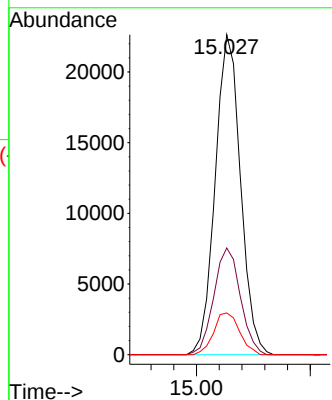
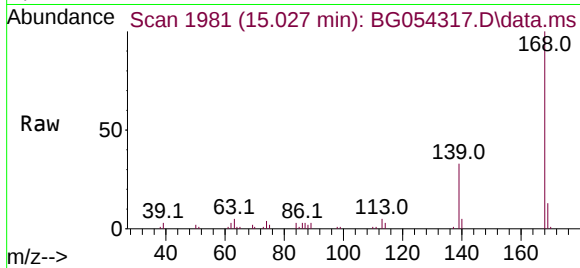




#55
Dibenzofuran
Concen: 7.668 ng
RT: 15.027 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

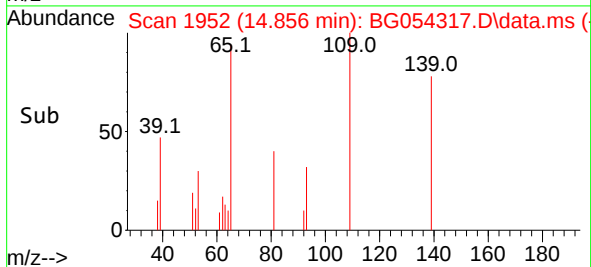
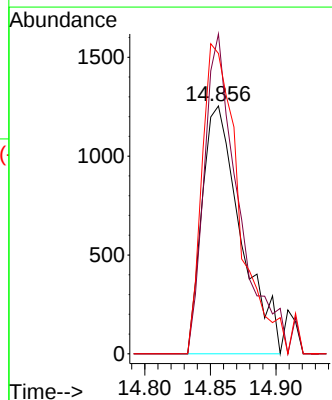
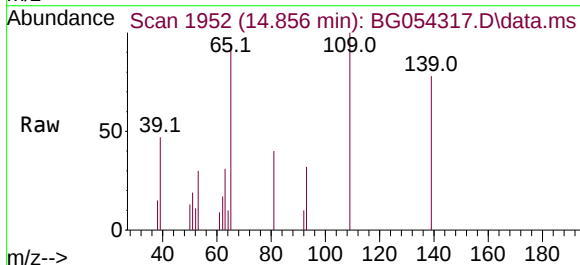
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

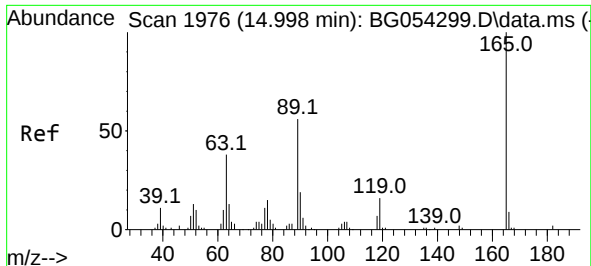
Tgt Ion:168 Resp: 34922
Ion Ratio Lower Upper
168 100
139 33.3 30.5 45.7
169 13.1 10.3 15.5



#56
4-Nitrophenol
Concen: 5.430 ng
RT: 14.856 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:139 Resp: 2579
Ion Ratio Lower Upper
139 100
109 129.0 88.5 128.5#
65 121.1 93.9 133.9

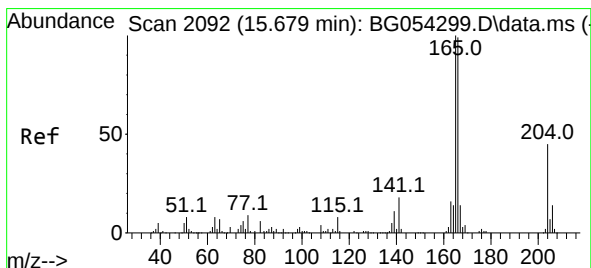
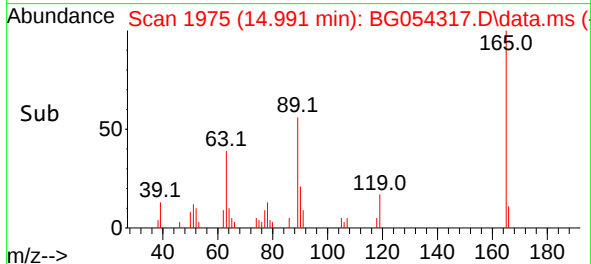
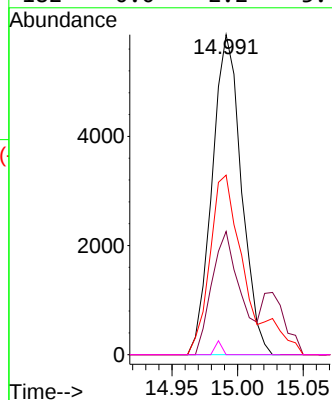
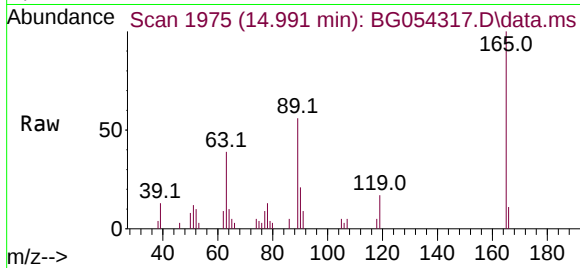




#57
2,4-Dinitrotoluene
Concen: 7.450 ng
RT: 14.991 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

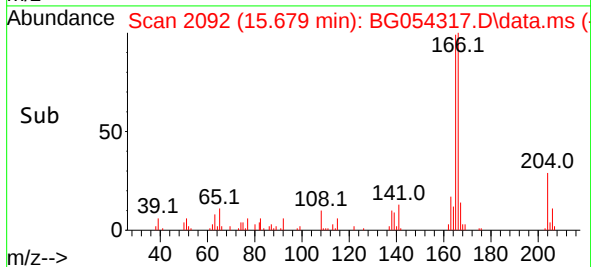
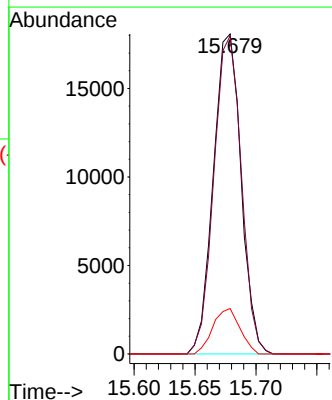
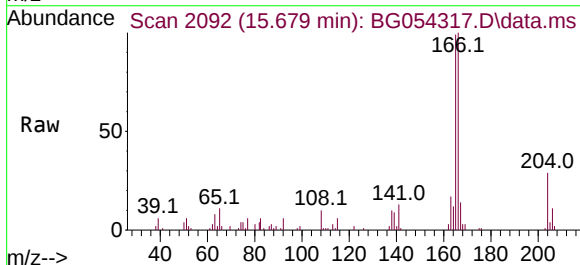
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

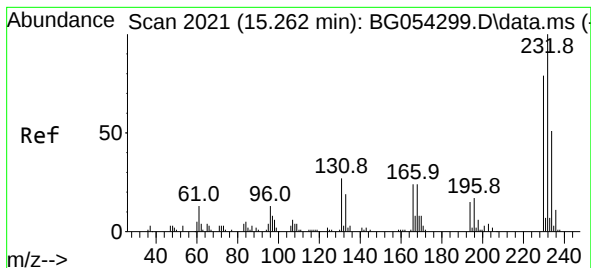
Tgt Ion:165 Resp: 9091
Ion Ratio Lower Upper
165 100
63 38.5 34.6 52.0
89 56.1 60.3 90.5#
182 0.0 2.2 3.4#



#58
Fluorene
Concen: 7.637 ng
RT: 15.679 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:166 Resp: 28597
Ion Ratio Lower Upper
166 100
165 99.4 75.0 112.6
167 14.2 10.8 16.2

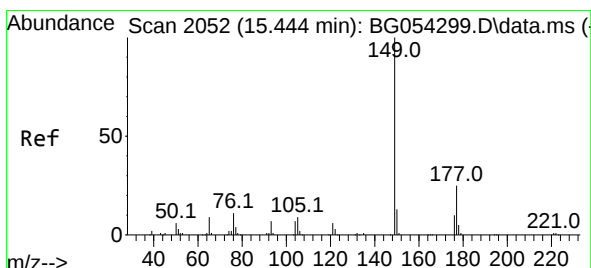
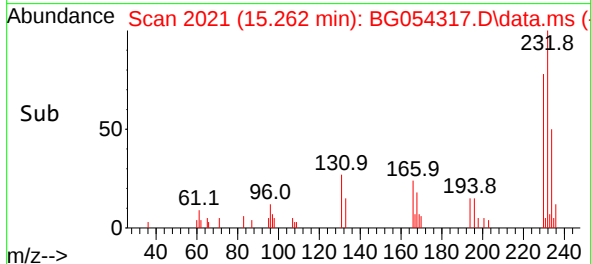
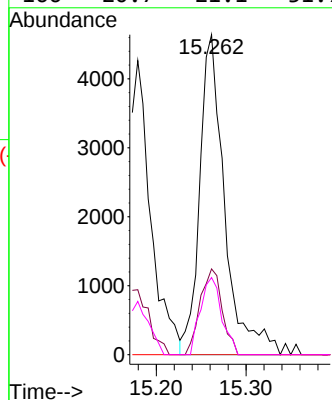
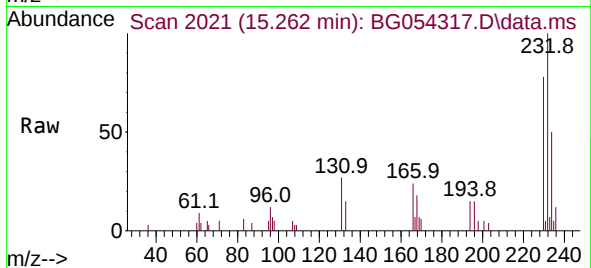




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.852 ng
RT: 15.262 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

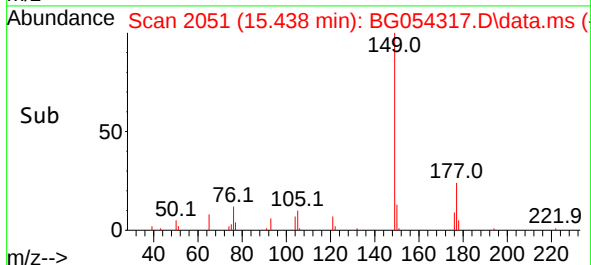
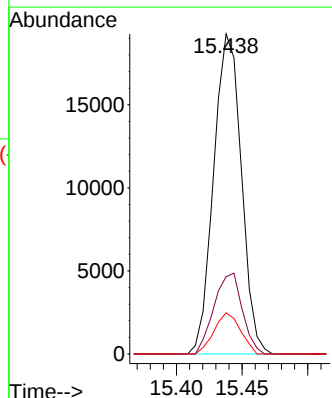
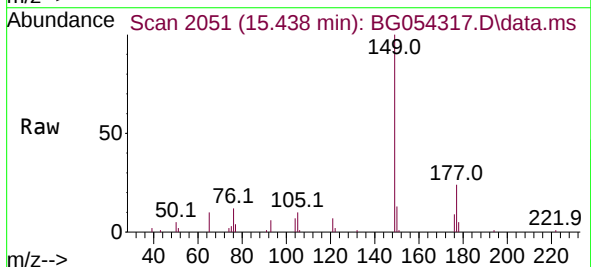
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

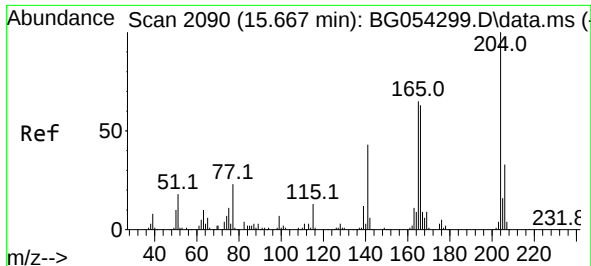
Tgt Ion:232 Resp: 8934
Ion Ratio Lower Upper
232 100
131 23.8 30.6 46.0#
130 0.0 1.8 2.8#
166 20.7 21.1 31.7#



#60
Diethylphthalate
Concen: 7.581 ng
RT: 15.438 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:149 Resp: 28225
Ion Ratio Lower Upper
149 100
177 24.1 18.4 27.6
150 12.9 11.2 16.8

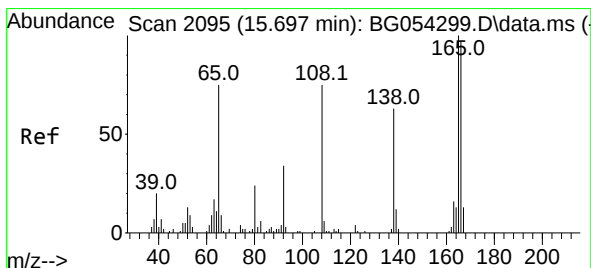
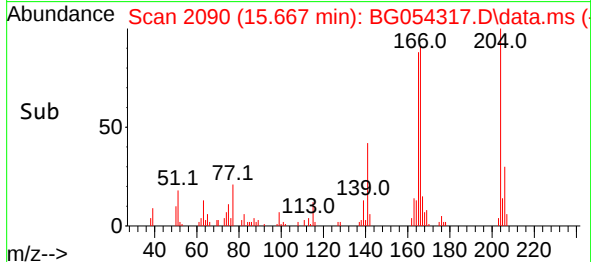
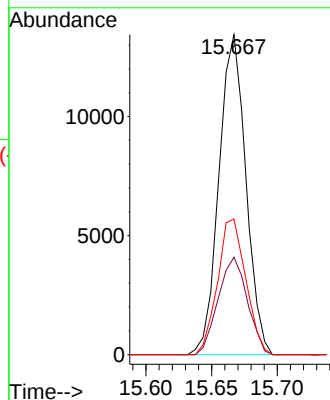
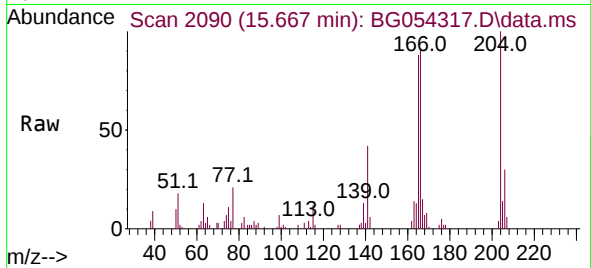




#61
4-Chlorophenyl-phenylether
Concen: 7.794 ng
RT: 15.667 min Scan# 2090
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

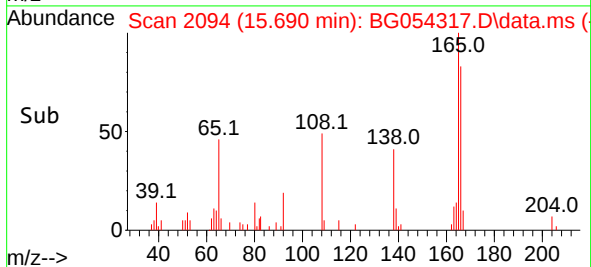
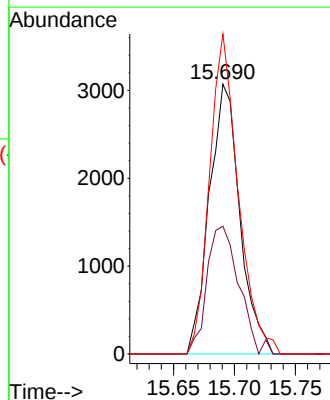
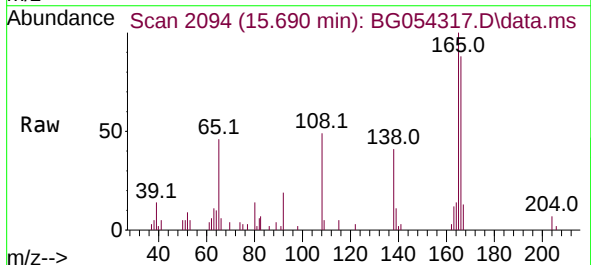
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

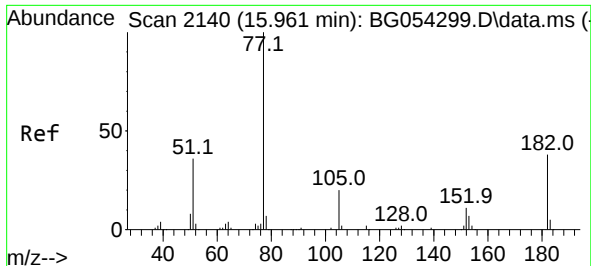
Tgt Ion:204 Resp: 19157
Ion Ratio Lower Upper
204 100
206 30.5 27.5 41.3
141 42.4 45.3 67.9#



#62
4-Nitroaniline
Concen: 7.152 ng
RT: 15.690 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:138 Resp: 5349
Ion Ratio Lower Upper
138 100
92 47.4 40.5 80.5
108 118.6 103.7 143.7

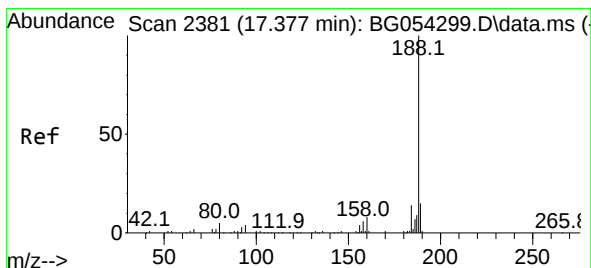
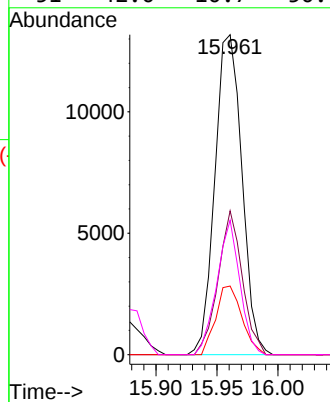
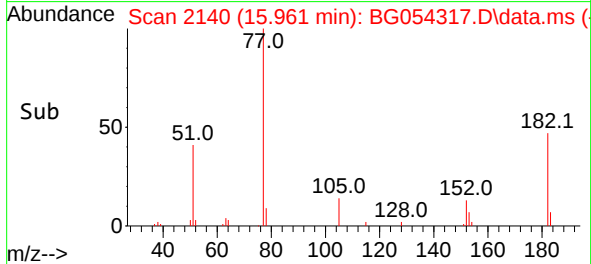
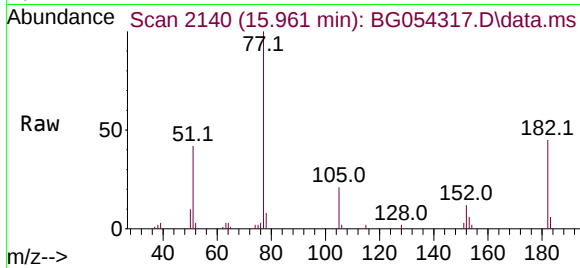




#63
Azobenzene
Concen: 7.552 ng
RT: 15.961 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

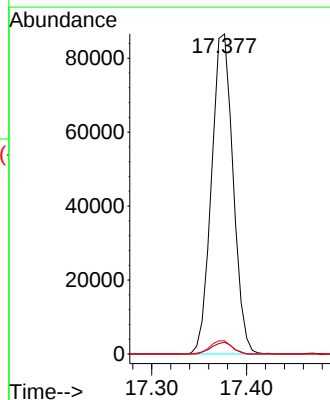
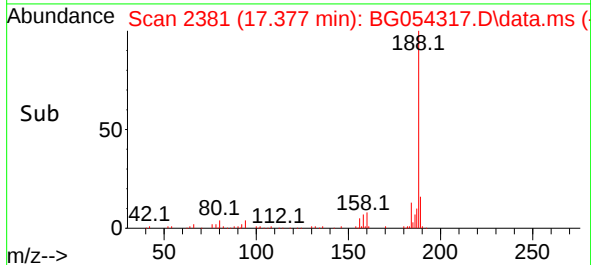
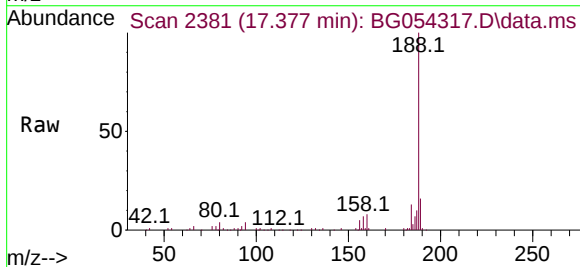
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

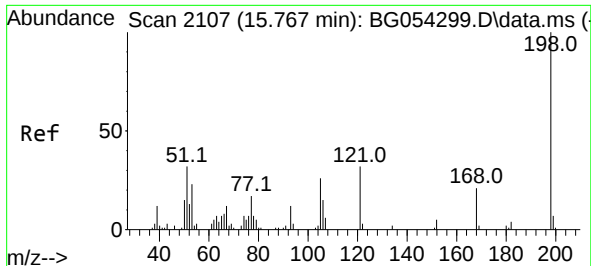
Tgt Ion: 77	Resp: 20316
Ion Ratio	Lower Upper
77 100	
182 45.0	3.8 43.8#
105 21.5	0.0 37.8
51 42.0	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion: 188	Resp: 136826
Ion Ratio	Lower Upper
188 100	
94 3.7	5.4 8.0#
80 4.2	6.8 10.2#

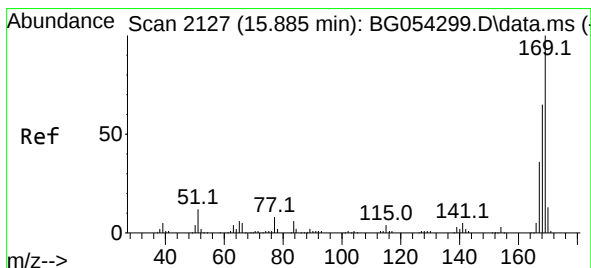
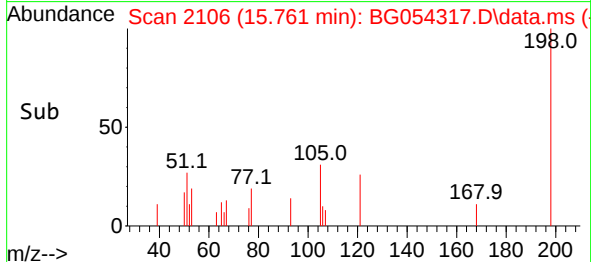
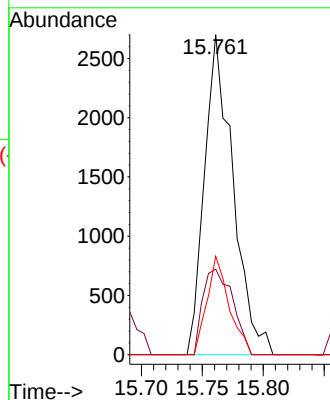
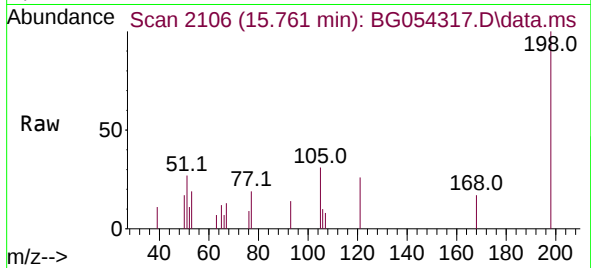




#65
4,6-Dinitro-2-methylphenol
Concen: 5.196 ng
RT: 15.761 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

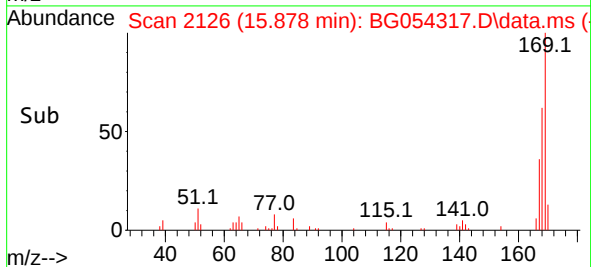
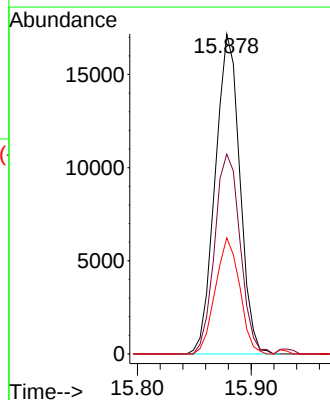
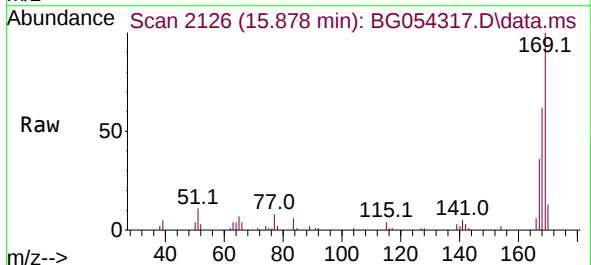
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:198 Resp: 4392
Ion Ratio Lower Upper
198 100
51 26.7 28.1 68.1#
105 30.8 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 7.564 ng
RT: 15.878 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:169 Resp: 25838
Ion Ratio Lower Upper
169 100
168 62.5 55.9 83.9
167 36.3 30.6 46.0

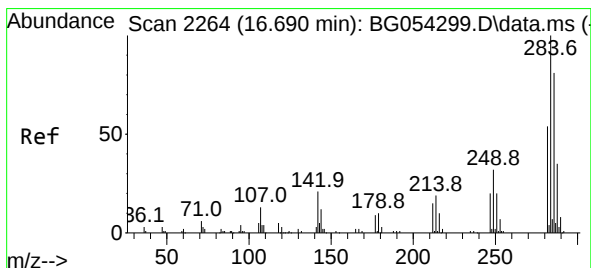
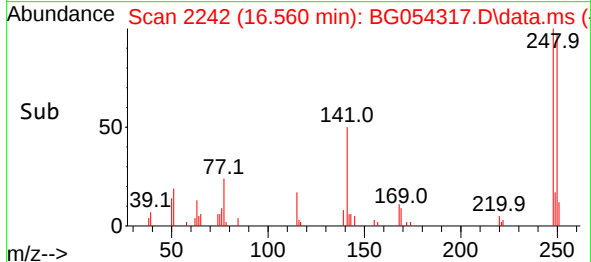
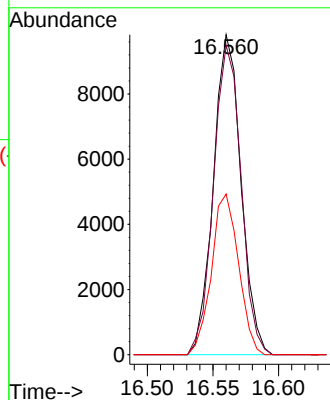
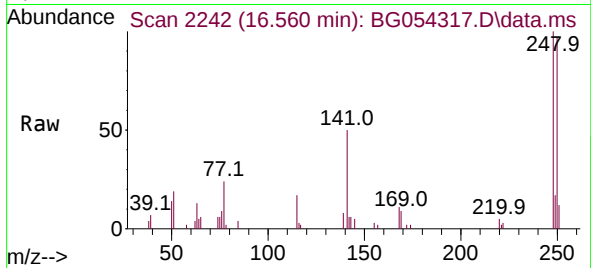




#67
4-Bromophenyl-phenylether
Concen: 7.468 ng
RT: 16.560 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

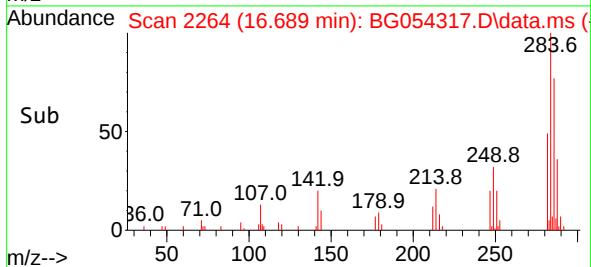
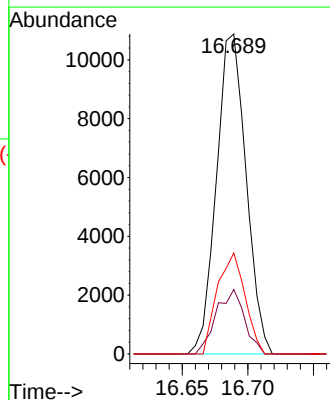
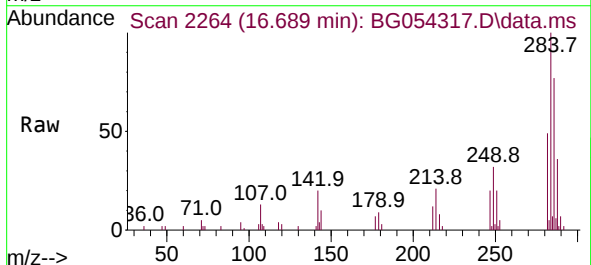
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

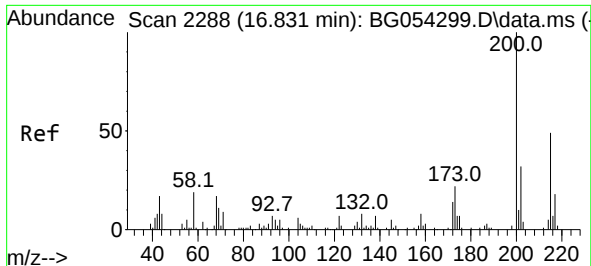
Tgt Ion:248 Resp: 14350
Ion Ratio Lower Upper
248 100
250 96.6 75.2 112.8
141 50.2 50.0 75.0



#68
Hexachlorobenzene
Concen: 7.773 ng
RT: 16.689 min Scan# 2264
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:284 Resp: 17082
Ion Ratio Lower Upper
284 100
142 20.1 23.6 35.4#
249 34.5 25.8 38.6

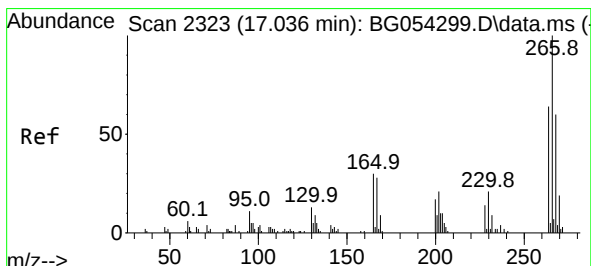
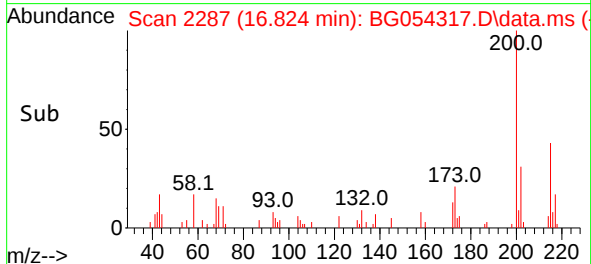
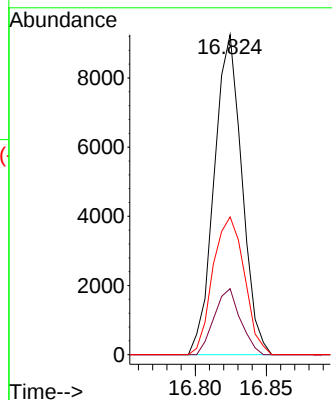
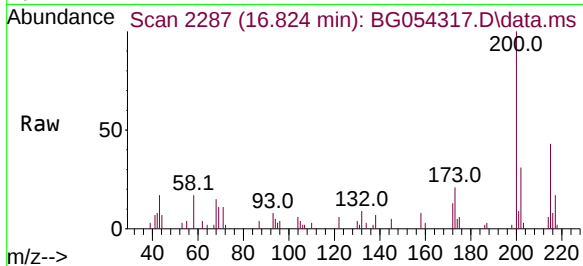




#69
 Atrazine
 Concen: 8.261 ng
 RT: 16.824 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054317.D
 Acq: 19 Jul 2022 14:06

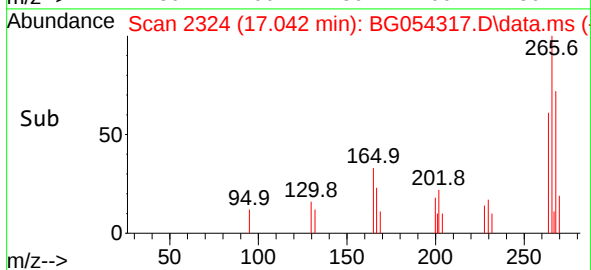
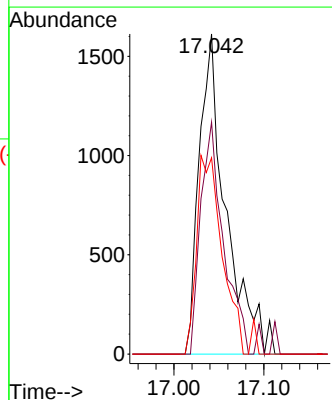
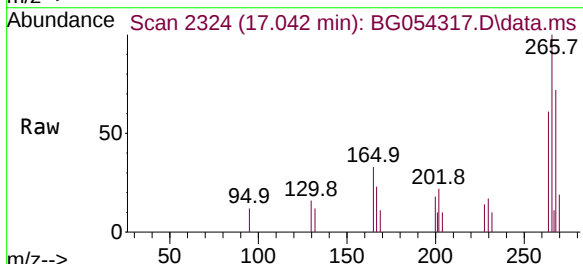
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

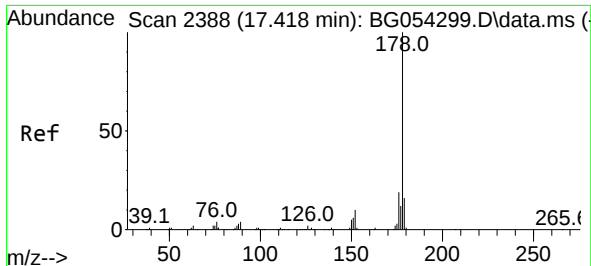
Tgt Ion:200 Resp: 12558
 Ion Ratio Lower Upper
 200 100
 173 20.6 3.7 43.7
 215 43.0 25.2 65.2



#70
 Pentachlorophenol
 Concen: 3.885 ng
 RT: 17.042 min Scan# 2324
 Delta R.T. 0.006 min
 Lab File: BG054317.D
 Acq: 19 Jul 2022 14:06

Tgt Ion:266 Resp: 3341
 Ion Ratio Lower Upper
 266 100
 268 72.5 56.2 84.2
 264 61.3 53.0 79.4

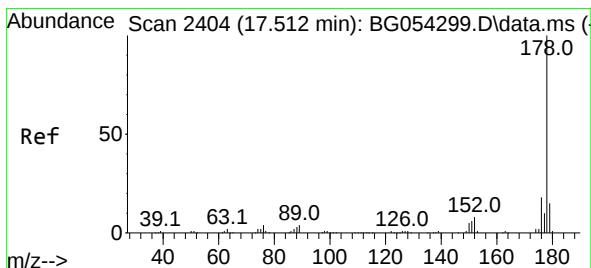
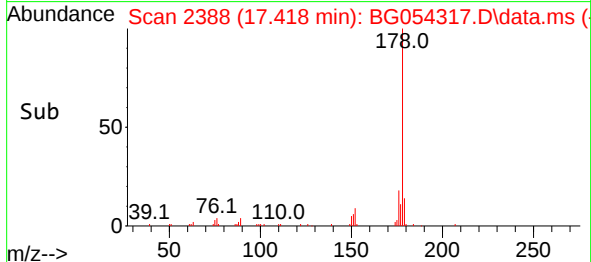
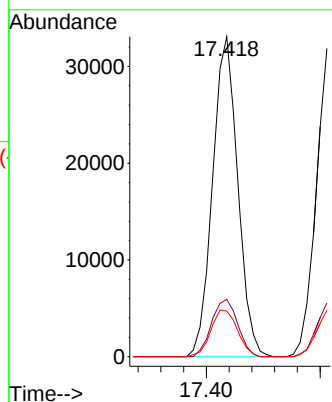
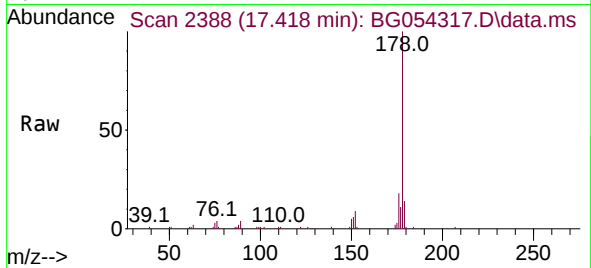




#71
Phenanthrene
Concen: 7.449 ng
RT: 17.418 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

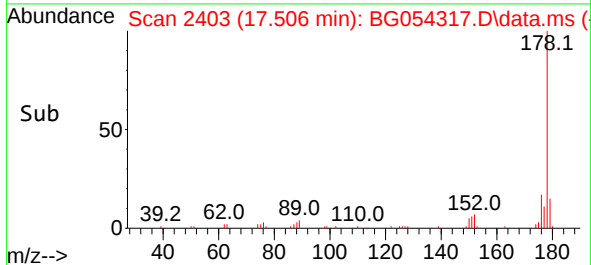
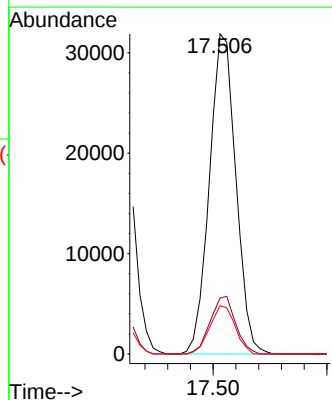
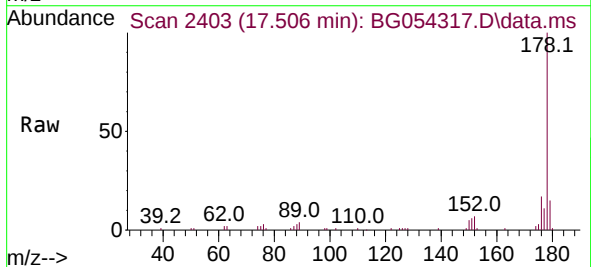
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

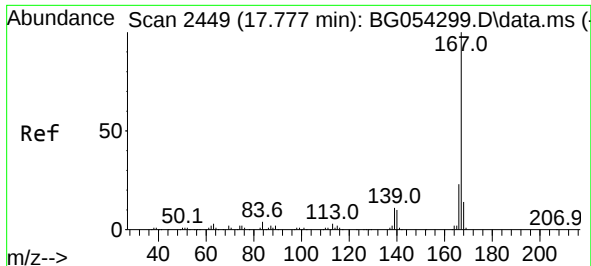
Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.1	21.1
179	14.3	12.1	18.1



#72
Anthracene
Concen: 7.709 ng
RT: 17.506 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.2	22.8
179	15.1	13.0	19.4

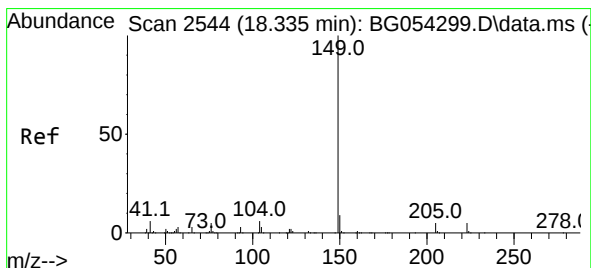
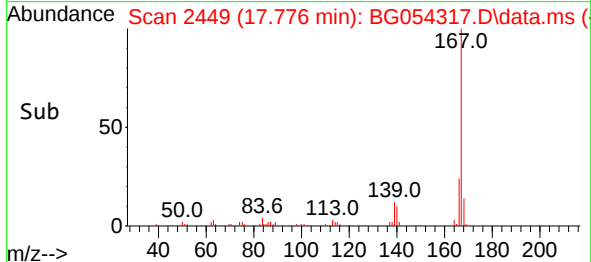
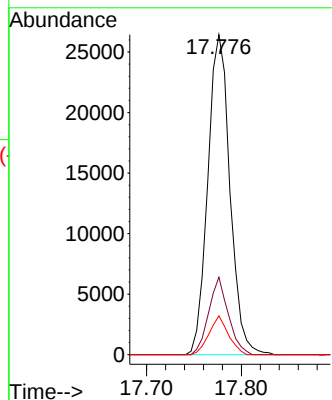
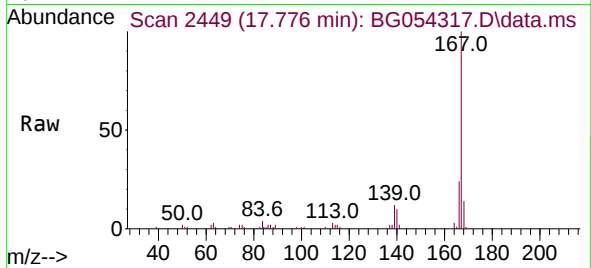




#73
 Carbazole
 Concen: 7.797 ng
 RT: 17.776 min Scan# 2449
 Delta R.T. -0.000 min
 Lab File: BG054317.D
 Acq: 19 Jul 2022 14:06

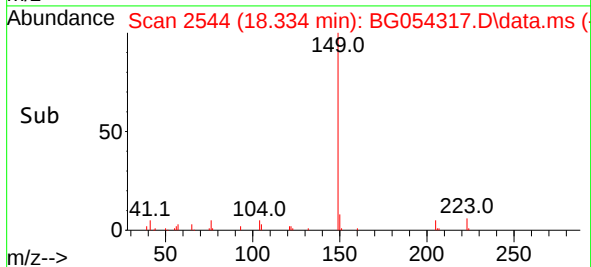
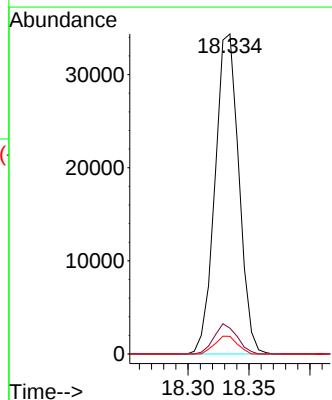
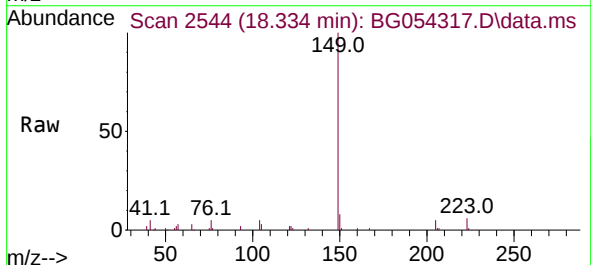
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-03-QT2-2022

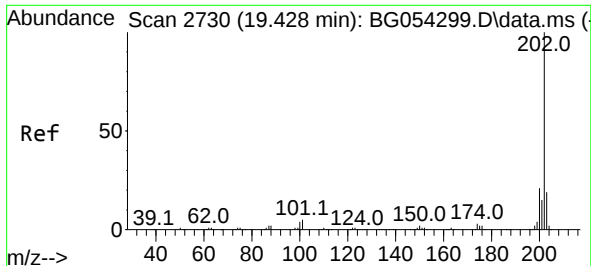
Tgt Ion:167	Resp:	42923
Ion Ratio	Lower	Upper
167	100	
166	24.2	18.2 27.2
139	12.2	10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 7.199 ng
 RT: 18.334 min Scan# 2544
 Delta R.T. -0.000 min
 Lab File: BG054317.D
 Acq: 19 Jul 2022 14:06

Tgt Ion:149	Resp:	46767
Ion Ratio	Lower	Upper
149	100	
150	8.0	7.7 11.5
104	5.5	5.4 8.0

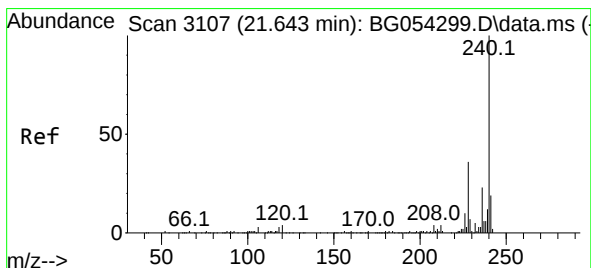
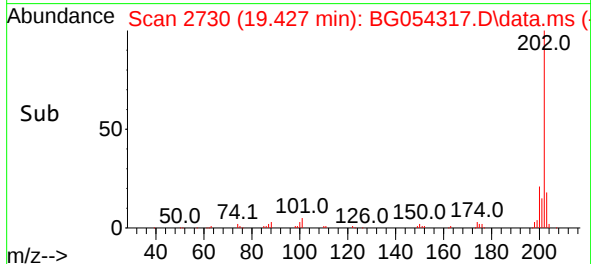
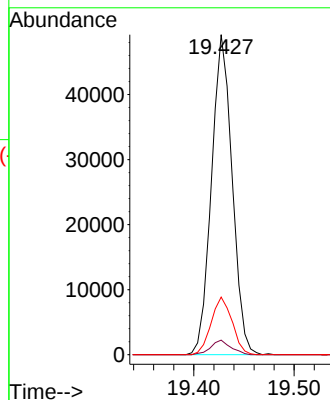
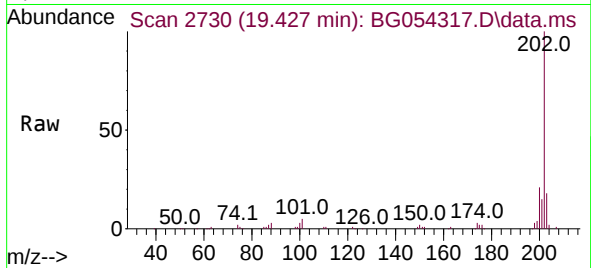




#75
Fluoranthene
Concen: 7.583 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

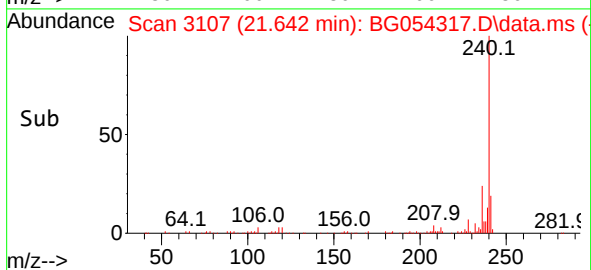
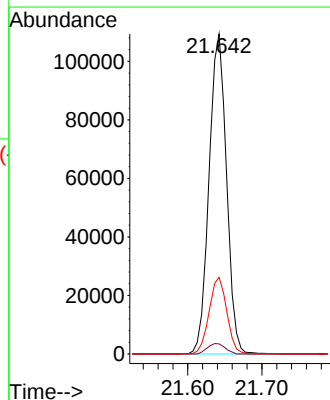
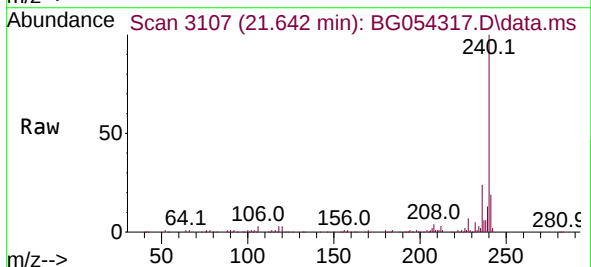
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

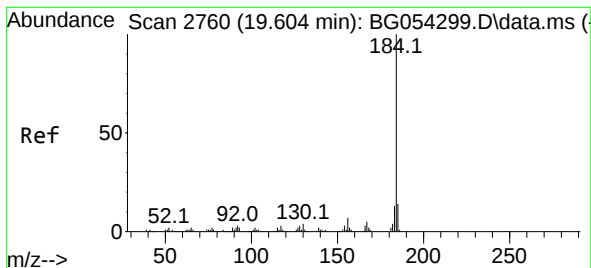
Tgt Ion:202 Resp: 70433
Ion Ratio Lower Upper
202 100
101 4.6 0.0 26.9
203 18.0 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3107
Delta R.T. -0.001 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:240 Resp: 178657
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 23.9 20.2 30.4





#77

Benzidine

Concen: 10.345 ng

RT: 19.604 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

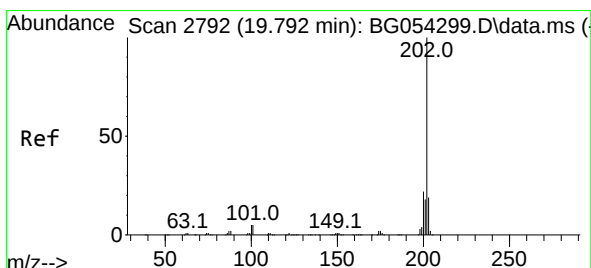
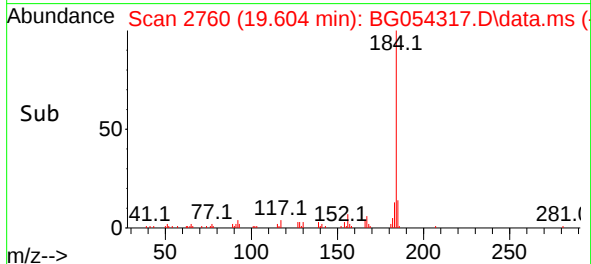
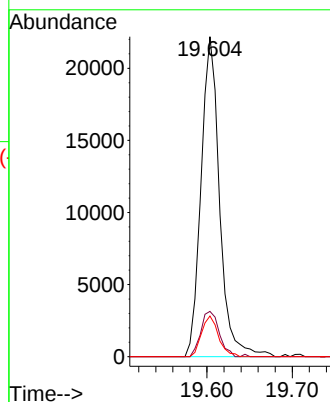
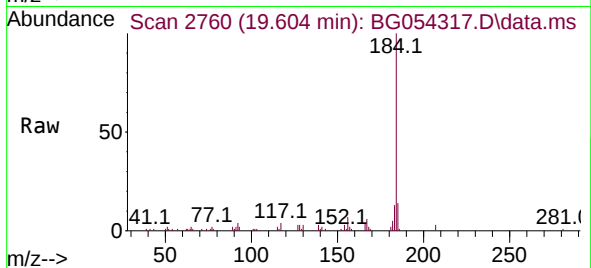
Tgt Ion:184 Resp: 33473

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

183 12.7 8.9 13.3



#78

Pyrene

Concen: 7.197 ng

RT: 19.792 min Scan# 2792

Delta R.T. -0.000 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

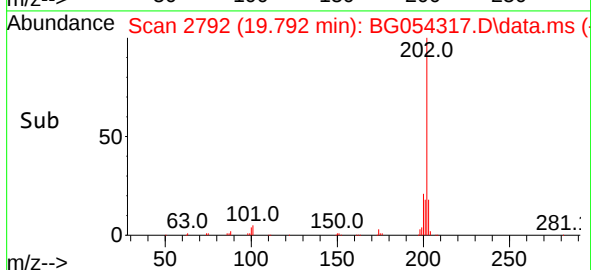
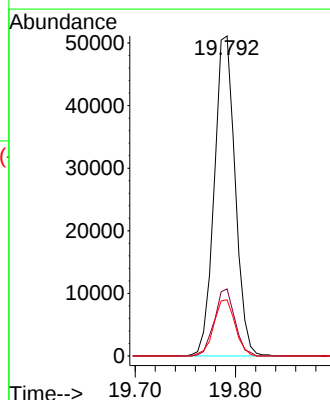
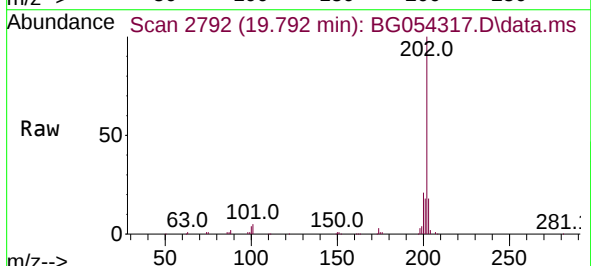
Tgt Ion:202 Resp: 73778

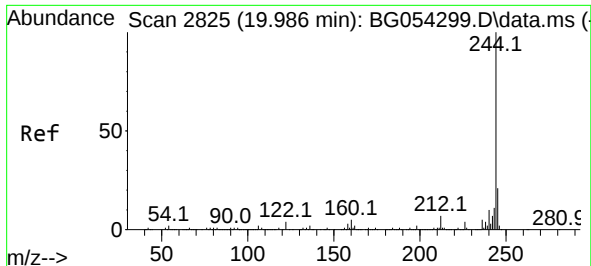
Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

203 17.5 14.6 21.8

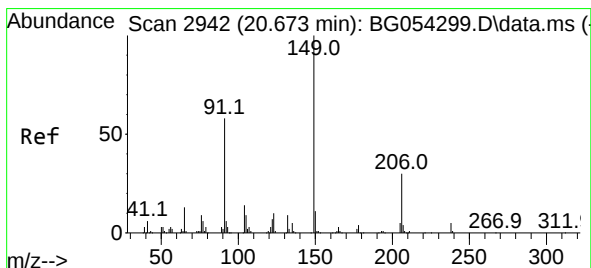
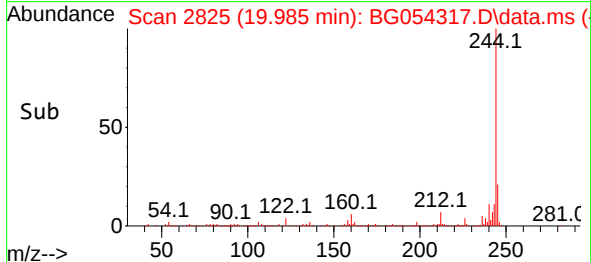
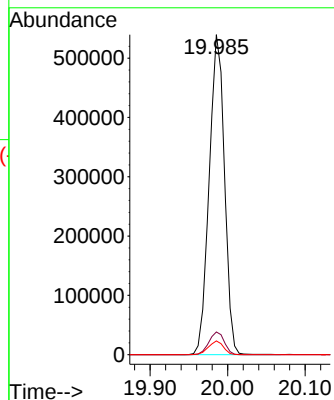
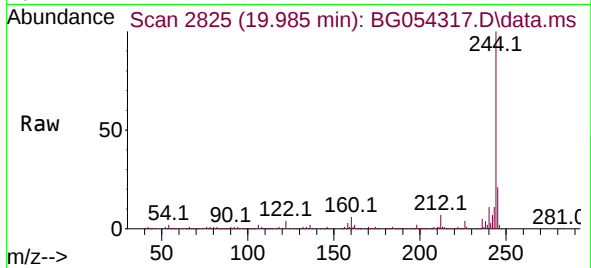




#79
 Terphenyl-d14
 Concen: 82.070 ng
 RT: 19.985 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054317.D
 Acq: 19 Jul 2022 14:06

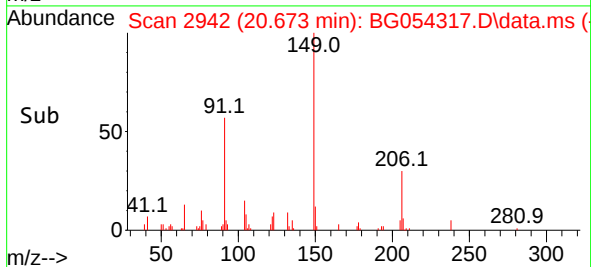
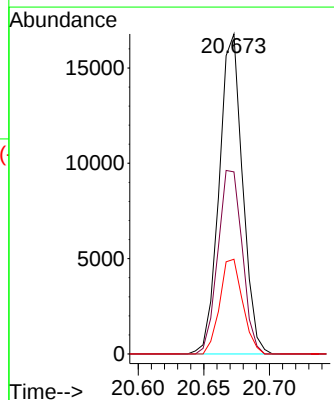
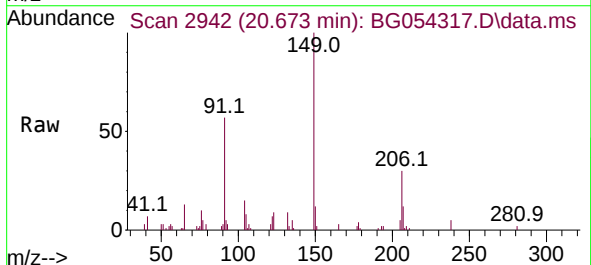
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

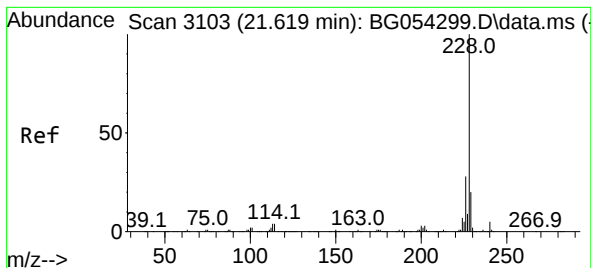
Tgt Ion:244 Resp: 739103
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.3 5.0 7.4#



#80
 Butylbenzylphthalate
 Concen: 6.496 ng
 RT: 20.673 min Scan# 2942
 Delta R.T. -0.000 min
 Lab File: BG054317.D
 Acq: 19 Jul 2022 14:06

Tgt Ion:149 Resp: 20751
 Ion Ratio Lower Upper
 149 100
 91 56.9 59.6 89.4#
 206 29.6 18.6 28.0#





#81

Benzo(a)anthracene

Concen: 7.446 ng

RT: 21.619 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

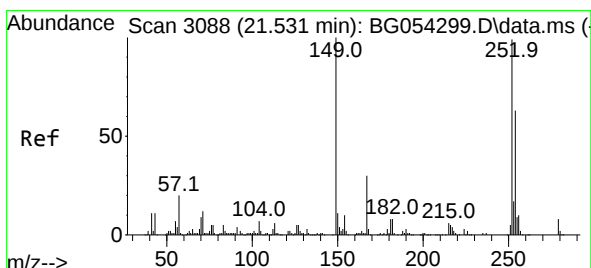
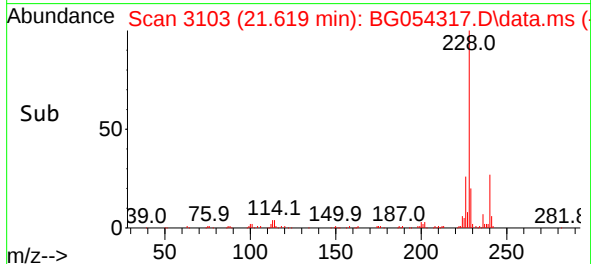
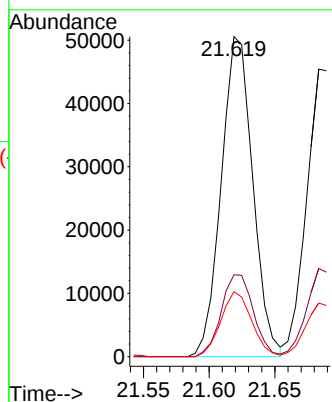
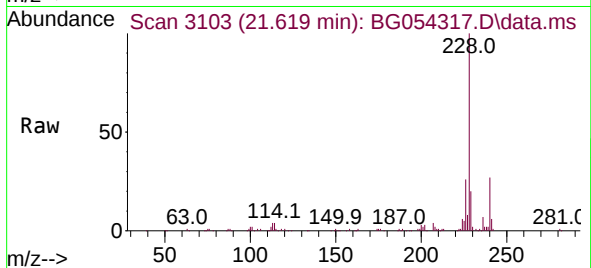
Tgt Ion:228 Resp: 84449

Ion Ratio Lower Upper

228 100

226 25.6 21.6 32.4

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 9.107 ng

RT: 21.531 min Scan# 3088

Delta R.T. -0.000 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

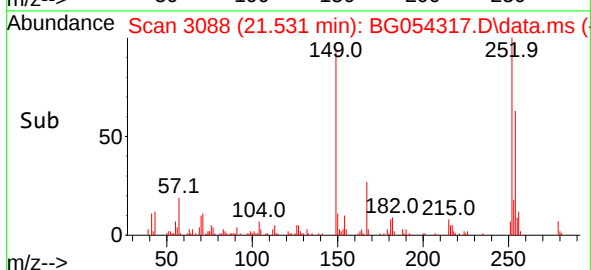
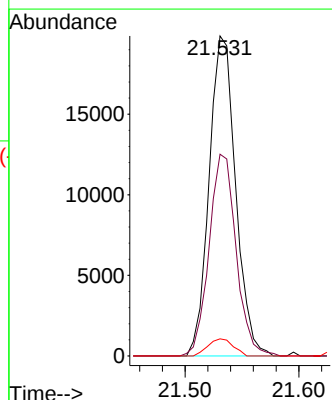
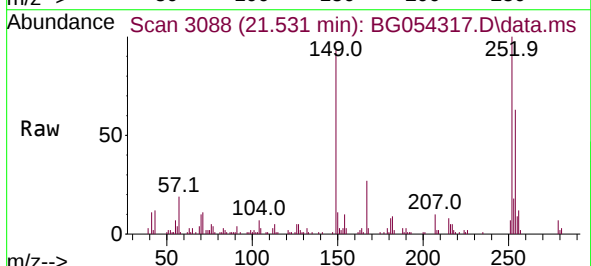
Tgt Ion:252 Resp: 32121

Ion Ratio Lower Upper

252 100

254 63.1 49.8 74.8

126 5.3 6.0 9.0#





#83

Chrysene

Concen: 7.137 ng

RT: 21.683 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

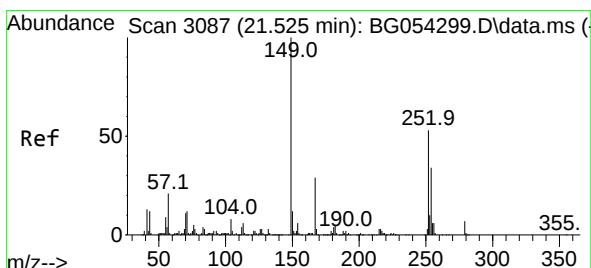
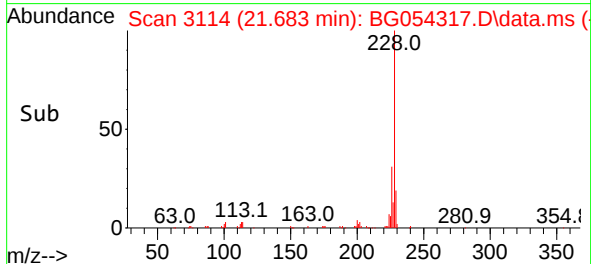
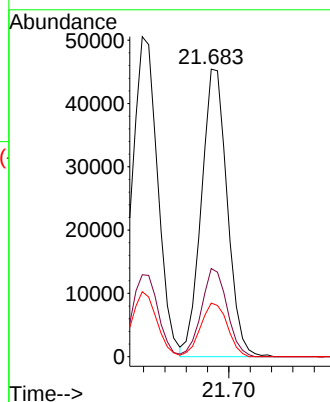
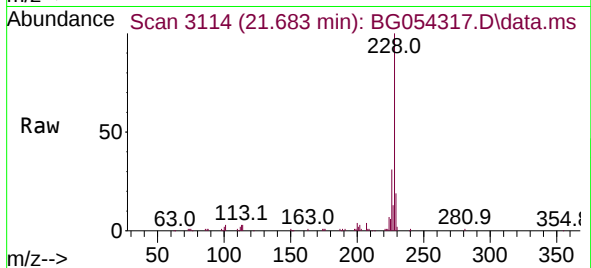
Tgt Ion:228 Resp: 76467

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.2

229 18.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.851 ng

RT: 21.525 min Scan# 3087

Delta R.T. -0.000 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

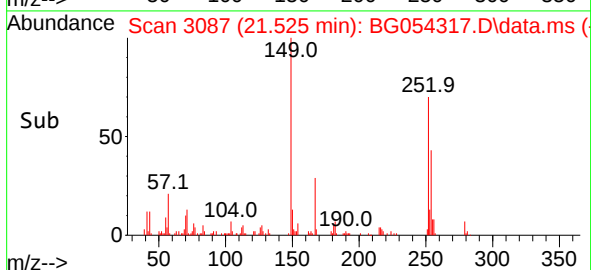
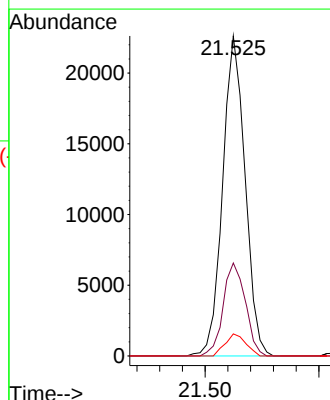
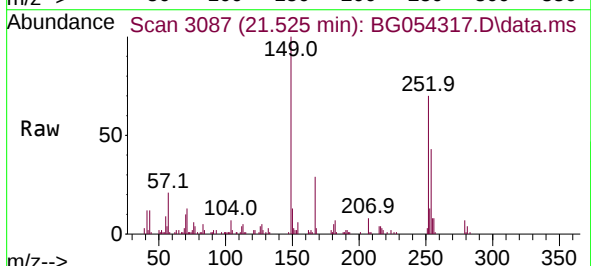
Tgt Ion:149 Resp: 30971

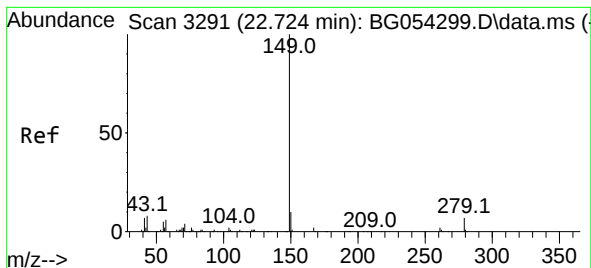
Ion Ratio Lower Upper

149 100

167 29.1 20.2 30.4

279 6.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 6.980 ng

RT: 22.723 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

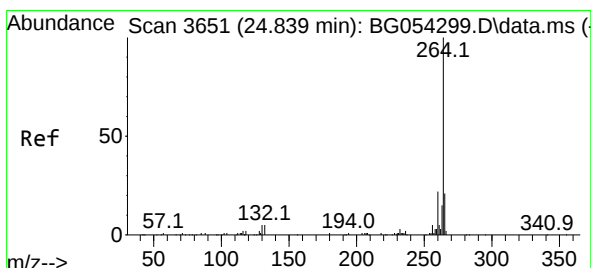
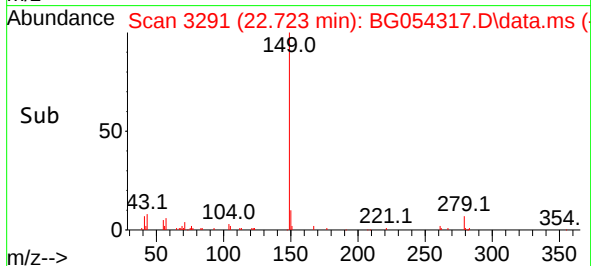
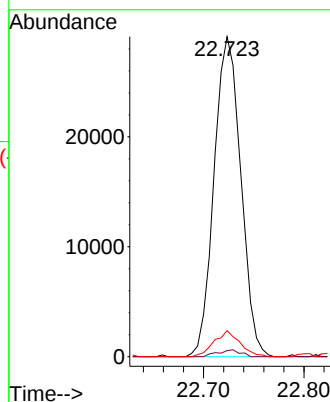
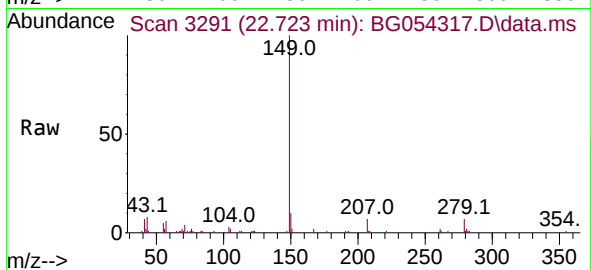
Tgt Ion:149 Resp: 53827

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 7.8 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.844 min Scan# 3652

Delta R.T. 0.006 min

Lab File: BG054317.D

Acq: 19 Jul 2022 14:06

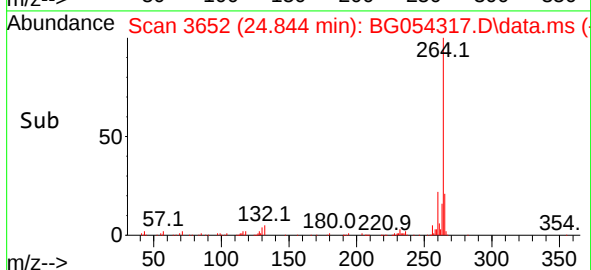
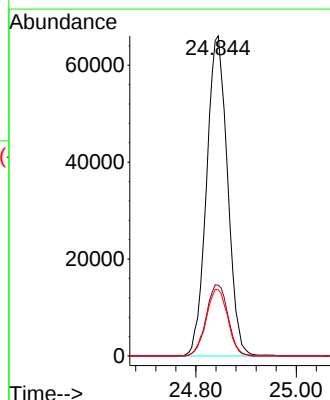
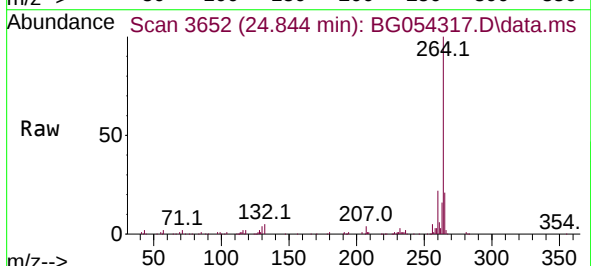
Tgt Ion:264 Resp: 191174

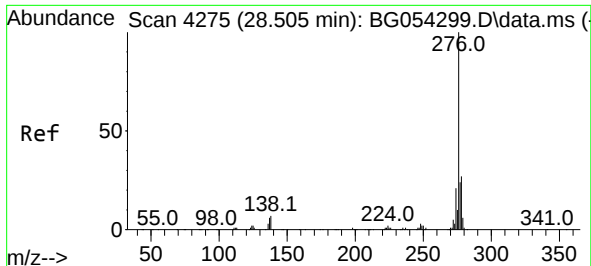
Ion Ratio Lower Upper

264 100

260 22.1 19.0 28.6

265 20.7 17.4 26.2

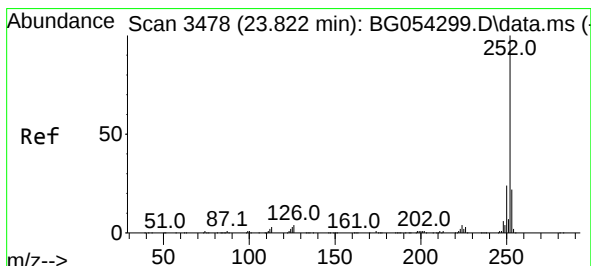
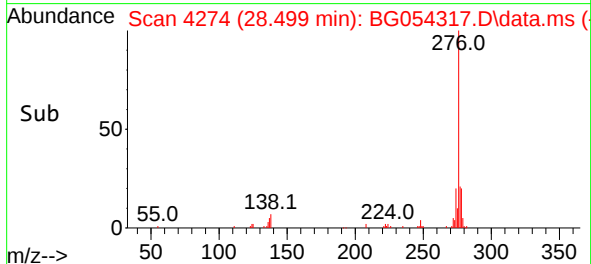
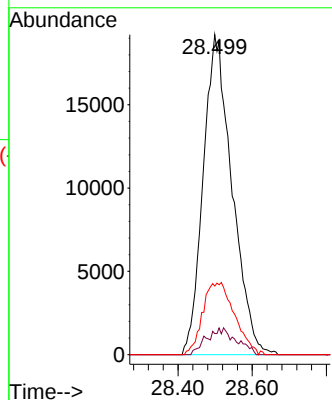
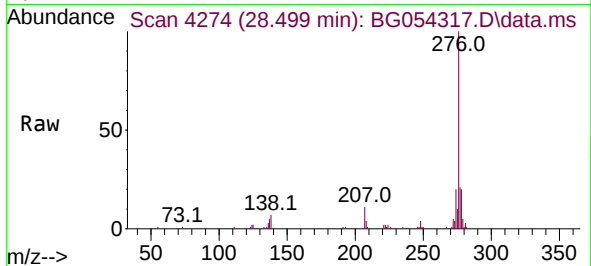




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.133 ng
 RT: 28.499 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG054317.D
 Acq: 19 Jul 2022 14:06

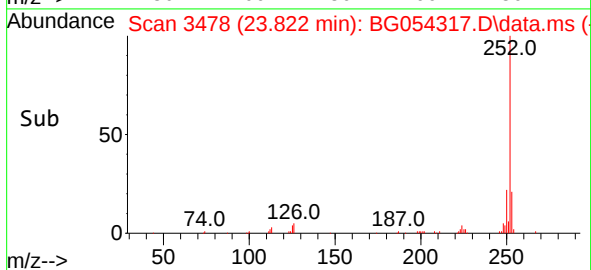
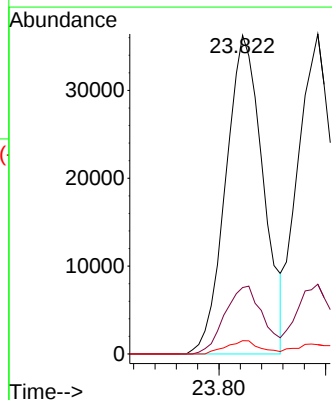
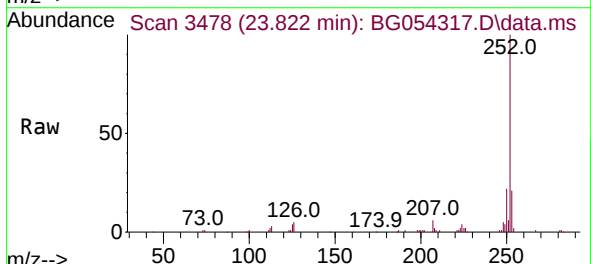
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

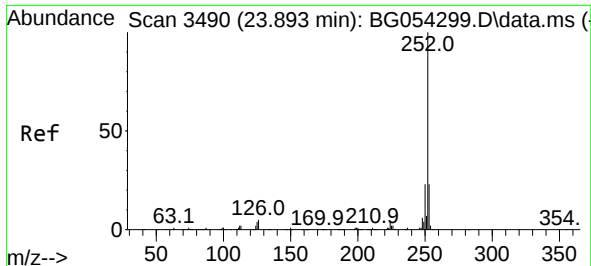
Tgt Ion:276 Resp: 103742
 Ion Ratio Lower Upper
 276 100
 138 0.8 5.0 7.4#
 277 24.8 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 7.806 ng
 RT: 23.822 min Scan# 3478
 Delta R.T. -0.000 min
 Lab File: BG054317.D
 Acq: 19 Jul 2022 14:06

Tgt Ion:252 Resp: 88256
 Ion Ratio Lower Upper
 252 100
 253 20.8 18.0 27.0
 125 4.2 4.6 6.8#

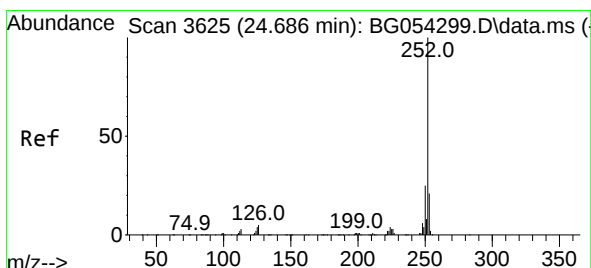
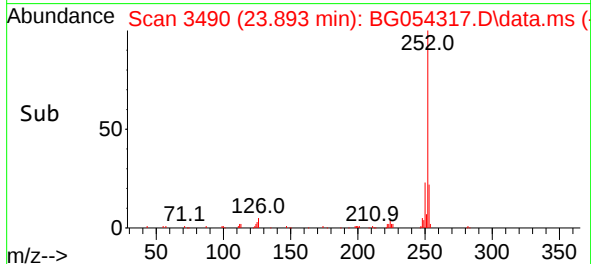
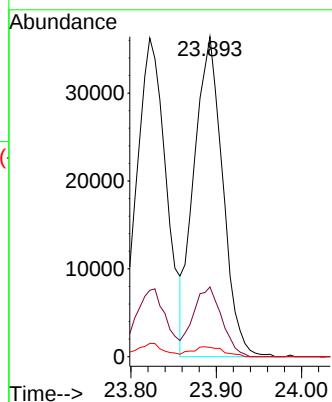
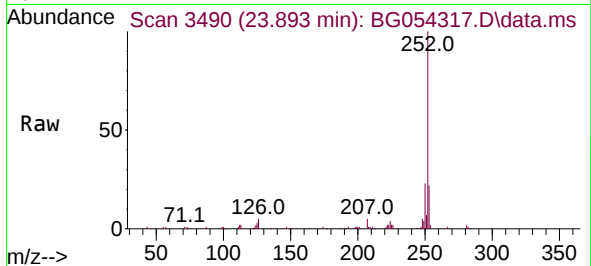




#89
Benzo(k)fluoranthene
Concen: 7.545 ng
RT: 23.893 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

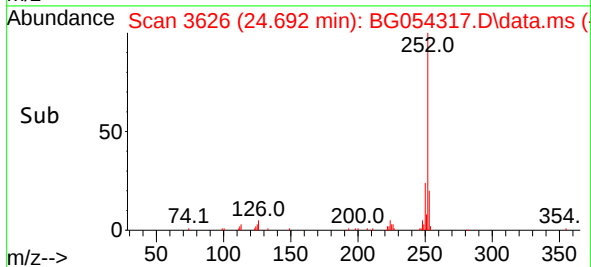
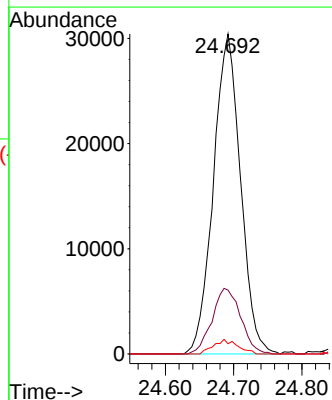
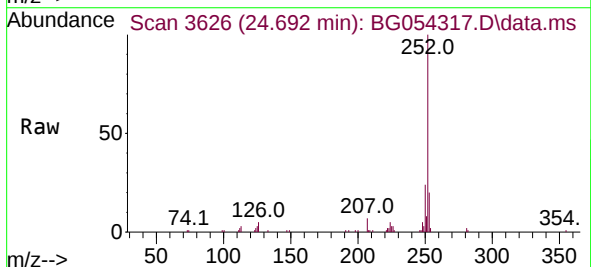
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

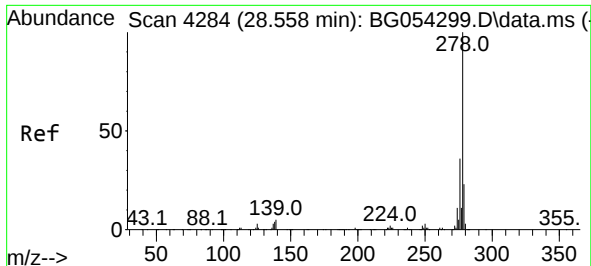
Tgt Ion:252 Resp: 84895
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 2.9 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 8.710 ng
RT: 24.692 min Scan# 3626
Delta R.T. 0.006 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:252 Resp: 84101
Ion Ratio Lower Upper
252 100
253 20.0 17.8 26.8
125 3.2 4.3 6.5#

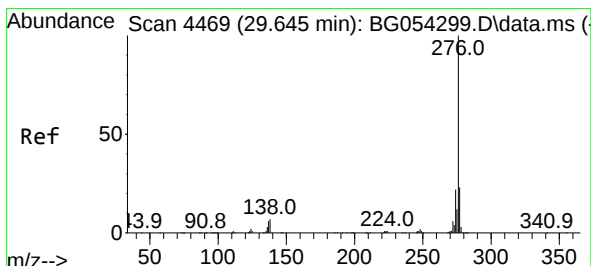
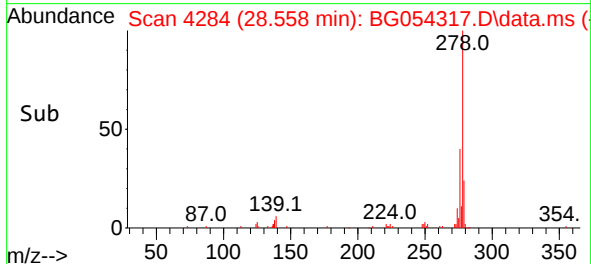
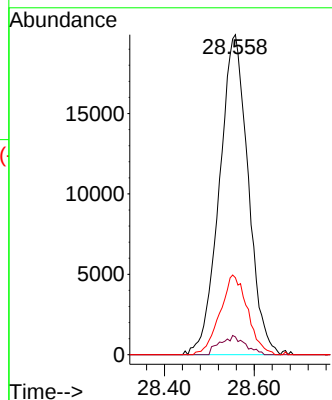
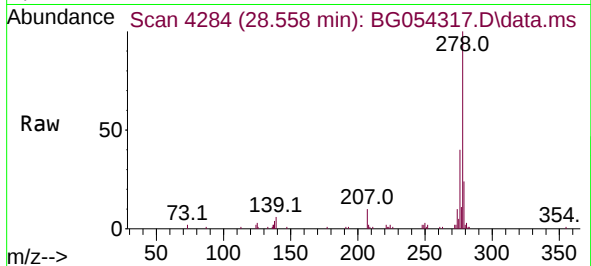




#91
Dibenzo(a,h)anthracene
Concen: 7.406 ng
RT: 28.558 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:278 Resp: 88563
Ion Ratio Lower Upper
278 100
139 5.6 7.2 10.8#
279 24.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 7.484 ng
RT: 29.633 min Scan# 4467
Delta R.T. -0.012 min
Lab File: BG054317.D
Acq: 19 Jul 2022 14:06

Tgt Ion:276 Resp: 88333
Ion Ratio Lower Upper
276 100
277 22.2 17.3 25.9
138 7.3 9.6 14.4#

