

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
 Data File : BG054318.D
 Acq On : 19 Jul 2022 14:56
 Operator : CG/JU
 Sample : N3214-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 19 15:31:32 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	15050	20.000	ng	0.00
21) Naphthalene-d8	10.802	136	56161	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	47227	20.000	ng	0.00
64) Phenanthrene-d10	17.377	188	125710	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	167565	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	177455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.556	112	90167	125.089	ng	-0.01
7) Phenol-d6	7.160	99	124542	126.092	ng	-0.01
23) Nitrobenzene-d5	9.157	82	95027	92.144	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	120016	121.034	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	301117	89.945	ng	0.00
79) Terphenyl-d14	19.986	244	729402	86.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.423	88	1253	4.369	ng	# 73
3) Pyridine	3.840	79	2326	3.197	ng	# 79
4) n-Nitrosodimethylamine	3.758	42	969	2.382	ng	# 55
6) Aniline	7.318	93	5034	4.415	ng	# 91
8) 2-Chlorophenol	7.559	128	3386	4.088	ng	90
9) Benzaldehyde	7.130	77	3006	5.418	ng	# 71
10) Phenol	7.189	94	3577	3.645	ng	91
11) bis(2-Chloroethyl)ether	7.406	93	2682	3.748	ng	92
12) 1,3-Dichlorobenzene	7.882	146	4029	3.992	ng	96
13) 1,4-Dichlorobenzene	8.029	146	4502	4.319	ng	87
14) 1,2-Dichlorobenzene	8.352	146	3979	4.048	ng	88
15) Benzyl Alcohol	8.235	79	2813	3.463	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.523	45	3398	3.771	ng	79
17) 2-Methylphenol	8.440	107	2443	3.454	ng	93
18) Hexachloroethane	9.081	117	1321	3.828	ng	# 59
19) n-Nitroso-di-n-propyla...	8.799	70	2444	3.705	ng	# 88
20) 3+4-Methylphenols	8.770	107	3696	3.709	ng	96
22) Acetophenone	8.817	105	5049	3.738	ng	# 90
24) Nitrobenzene	9.198	77	4123	4.091	ng	# 88
25) Isophorone	9.721	82	7335	4.090	ng	# 94
26) 2-Nitrophenol	9.915	139	1515	2.982	ng	# 74
27) 2,4-Dimethylphenol	9.974	122	3001	4.276	ng	96
28) bis(2-Chloroethoxy)met...	10.203	93	3744	4.139	ng	92
29) 2,4-Dichlorophenol	10.456	162	3687	3.481	ng	# 84
30) 1,2,4-Trichlorobenzene	10.667	180	5042	3.843	ng	# 84
31) Naphthalene	10.849	128	11025	3.911	ng	98
32) Benzoic acid	9.974	122	3001	13.405	ng	# 3
33) 4-Chloroaniline	10.961	127	4071	3.551	ng	# 90
34) Hexachlorobutadiene	11.137	225	4627	3.991	ng	92
35) Caprolactam	11.707	113	806	3.022	ng	# 76
36) 4-Chloro-3-methylphenol	12.095	107	3398	3.526	ng	94
37) 2-Methylnaphthalene	12.459	142	8450	3.903	ng	98
38) 1-Methylnaphthalene	12.677	142	7877	3.734	ng	96
40) 1,2,4,5-Tetrachloroben...	12.835	216	8481	4.099	ng	# 91
41) Hexachlorocyclopentadiene	12.812	237	300	0.618	ng	# 26
43) 2,4,6-Trichlorophenol	13.153	196	3996	3.547	ng	94

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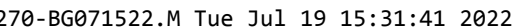
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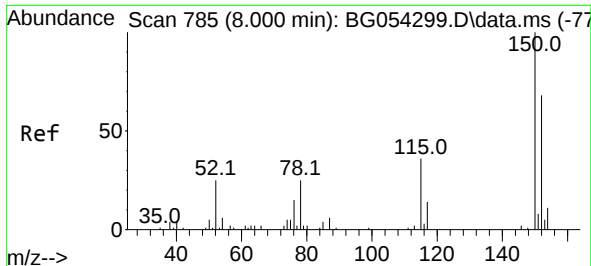
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.153	196	3996	3.139	ng	# 81
46) 1,1'-Biphenyl	13.464	154	12772	3.953	ng	97
47) 2-Chloronaphthalene	13.505	162	10227	3.782	ng	97
48) 2-Nitroaniline	13.705	65	2542	3.602	ng	88
49) Acenaphthylene	14.351	152	15864	3.948	ng	97
50) Dimethylphthalate	14.075	163	13751	3.728	ng	# 98
51) 2,6-Dinitrotoluene	14.198	165	2597	3.210	ng	# 71
52) Acenaphthene	14.698	154	9091	3.737	ng	94
53) 3-Nitroaniline	14.533	138	2411	3.563	ng	# 78
54) 2,4-Dinitrophenol	14.774	184	60	0.153	ng	# 11
55) Dibenzofuran	15.027	168	16426	3.794	ng	97
56) 4-Nitrophenol	14.862	139	973	2.155	ng	92
57) 2,4-Dinitrotoluene	14.998	165	3940	3.397	ng	# 75
58) Fluorene	15.673	166	13568	3.812	ng	87
59) 2,3,4,6-Tetrachlorophenol	15.262	232	3538	2.855	ng	# 86
60) Diethylphthalate	15.438	149	13183	3.725	ng	97
61) 4-Chlorophenyl-phenyle...	15.667	204	9268	3.967	ng	# 83
62) 4-Nitroaniline	15.691	138	2517	3.540	ng	# 86
63) Azobenzene	15.961	77	9308	3.640	ng	85
65) 4,6-Dinitro-2-methylph...	15.773	198	1432	1.844	ng	# 51
66) n-Nitrosodiphenylamine	15.879	169	12042	3.837	ng	96
67) 4-Bromophenyl-phenylether	16.560	248	6829	3.868	ng	# 89
68) Hexachlorobenzene	16.684	284	8116	4.020	ng	94
69) Atrazine	16.819	200	5833	4.176	ng	93
70) Pentachlorophenol	17.048	266	935	1.184	ng	# 82
71) Phenanthrene	17.418	178	24768	3.956	ng	99
72) Anthracene	17.506	178	24734	4.026	ng	98
73) Carbazole	17.777	167	20058	3.966	ng	96
74) Di-n-butylphthalate	18.329	149	22259	3.729	ng	# 94
75) Fluoranthene	19.428	202	34224	4.010	ng	97
77) Benzidine	19.604	184	16313	5.375	ng	# 96
78) Pyrene	19.792	202	35373	3.679	ng	98
80) Butylbenzylphthalate	20.673	149	10112	3.375	ng	# 76
81) Benzo(a)anthracene	21.619	228	40425	3.800	ng	99
82) 3,3'-Dichlorobenzidine	21.531	252	15250	4.610	ng	# 95
83) Chrysene	21.684	228	37721	3.754	ng	98
84) Bis(2-ethylhexyl)phtha...	21.525	149	14630	3.451	ng	# 91
85) Di-n-octyl phthalate	22.724	149	24754	3.422	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.493	276	48888	3.621	ng	# 99
88) Benzo(b)fluoranthene	23.817	252	40056	3.817	ng	# 96
89) Benzo(k)fluoranthene	23.893	252	41148	3.940	ng	# 92
90) Benzo(a)pyrene	24.686	252	38968	4.348	ng	94
91) Dibenzo(a,h)anthracene	28.552	278	42902	3.865	ng	94
92) Benzo(g,h,i)perylene	29.639	276	40732	3.718	ng	# 87

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

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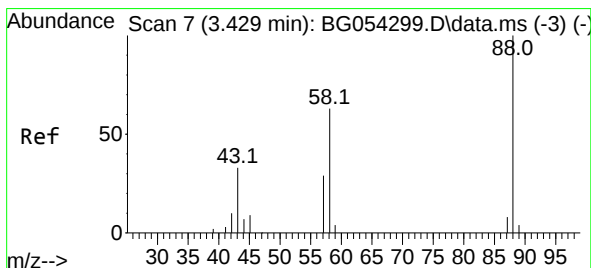
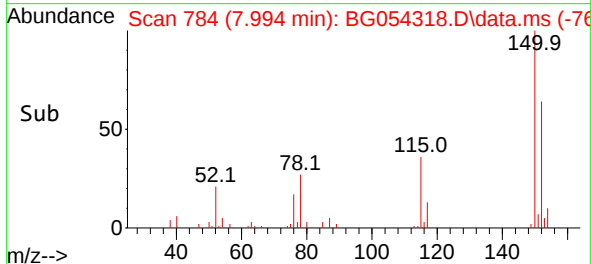
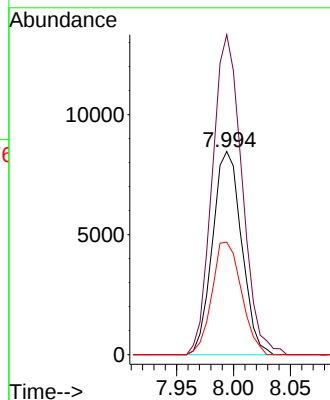
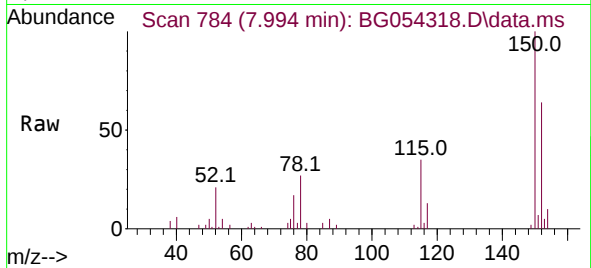




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

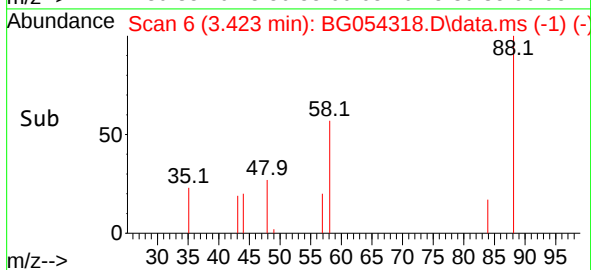
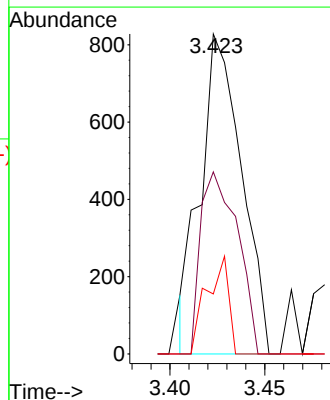
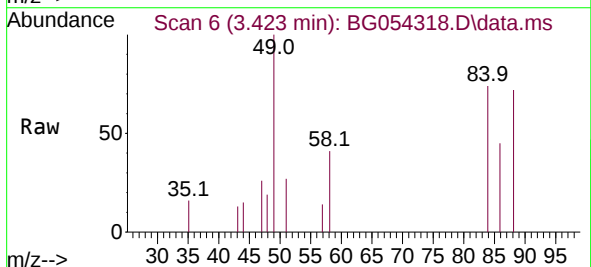
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

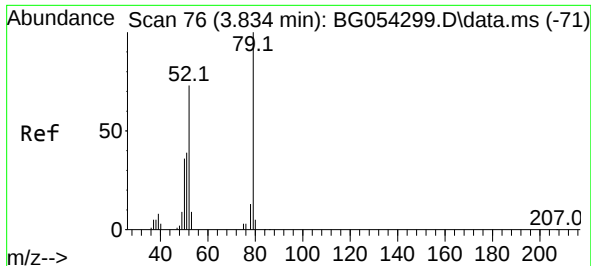
Tgt Ion:152 Resp: 15050
Ion Ratio Lower Upper
152 100
150 157.5 131.6 197.4
115 55.3 50.9 76.3



#2
1,4-Dioxane
Concen: 4.369 ng
RT: 3.423 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion: 88 Resp: 1253
Ion Ratio Lower Upper
88 100
58 51.2 59.2 88.8#
43 16.3 24.3 36.5#





#3

Pyridine

Concen: 3.197 ng

RT: 3.840 min Scan# 71

Delta R.T. 0.006 min

Lab File: BG054318.D

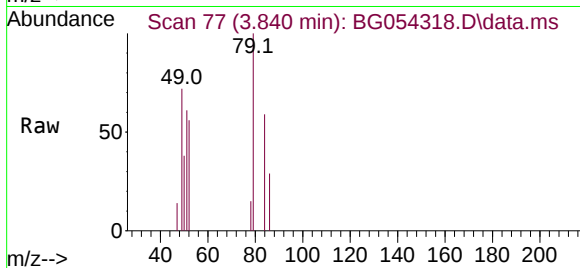
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Instrument :

BNA_G

ClientSampleId :

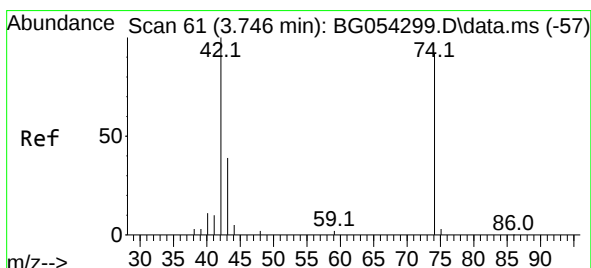
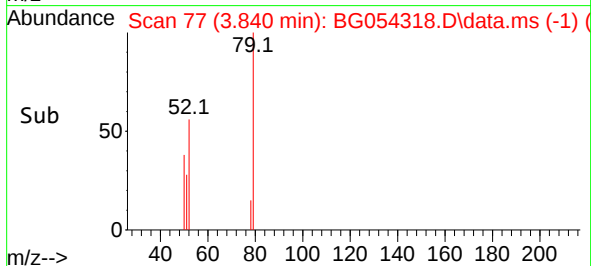
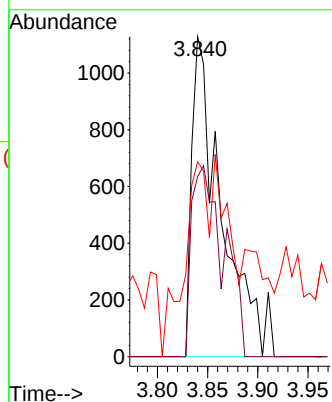
MDL-SOIL-03-QT2-2022



Tgt Ion: 79 Resp: 2326

Ion Ratio Lower Upper

79	100		
52	56.3	54.6	81.8
51	60.9	32.5	48.7



#4

n-Nitrosodimethylamine

Concen: 2.382 ng

RT: 3.758 min Scan# 63

Delta R.T. 0.012 min

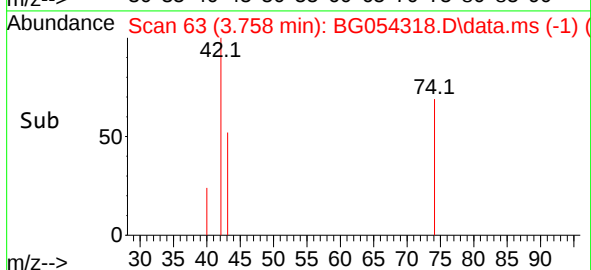
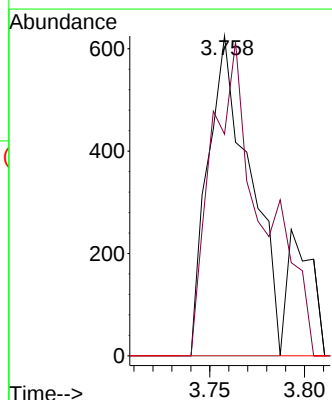
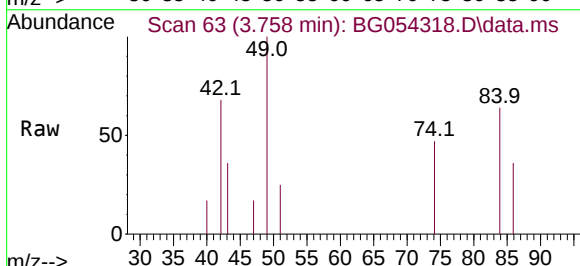
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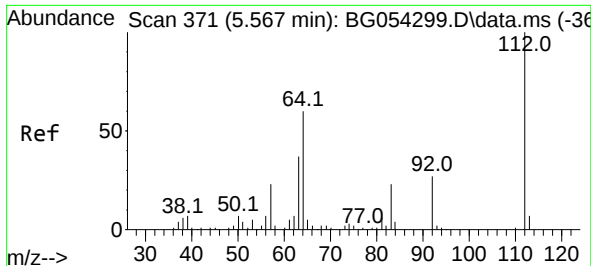
Acq: 19 Jul 2022 14:56

Tgt Ion: 42 Resp: 969

Ion Ratio Lower Upper

42	100		
74	69.3	97.0	145.4
44	0.0	7.0	10.4

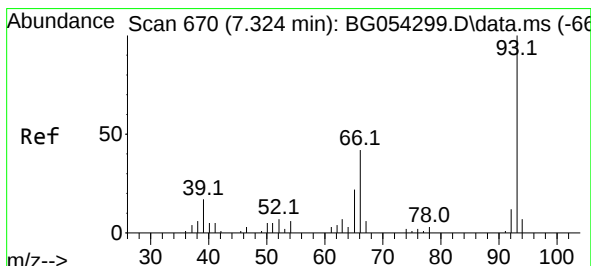
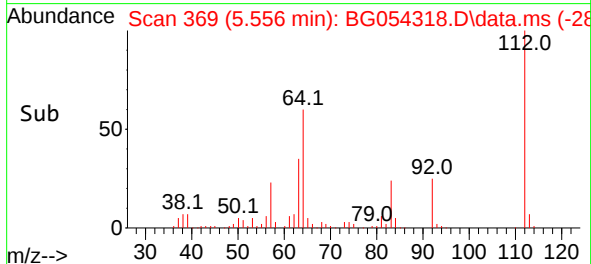
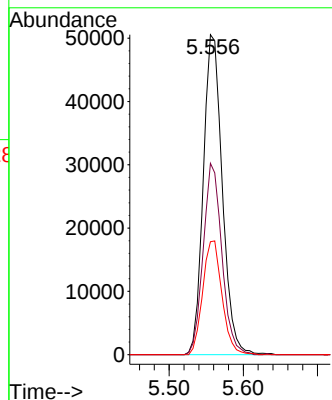
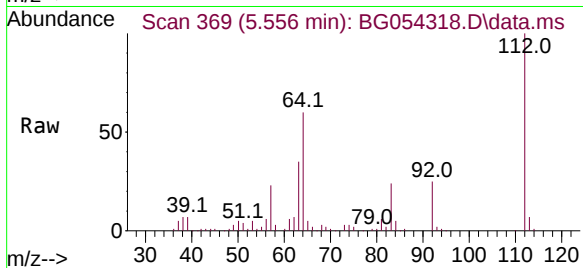




#5
2-Fluorophenol
Concen: 125.089 ng
RT: 5.556 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

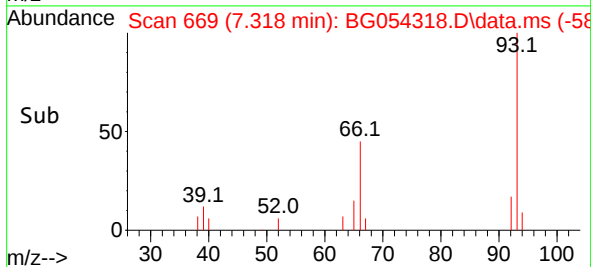
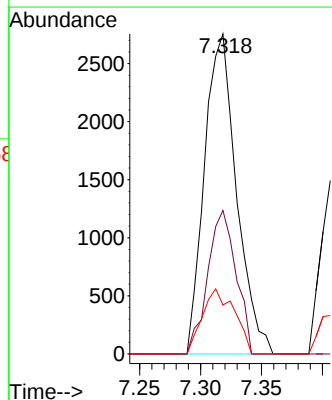
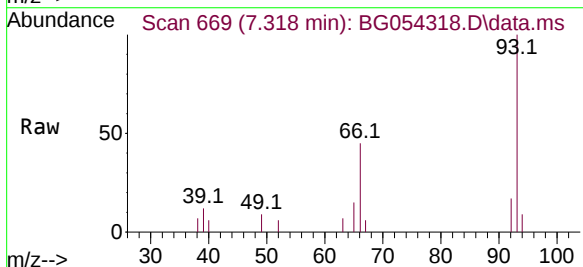
Instrument :
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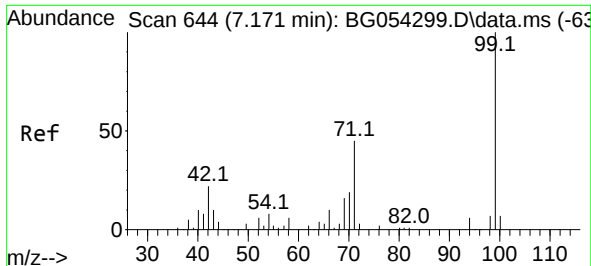
Tgt Ion:112 Resp: 90167
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 35.3 30.4 45.6



#6
Aniline
Concen: 4.415 ng
RT: 7.318 min Scan# 669
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion: 93 Resp: 5034
Ion Ratio Lower Upper
93 100
66 44.9 32.9 49.3
65 15.3 17.8 26.8#

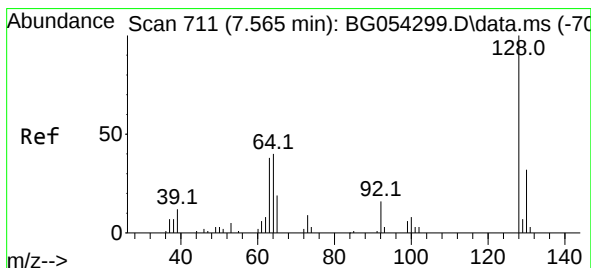
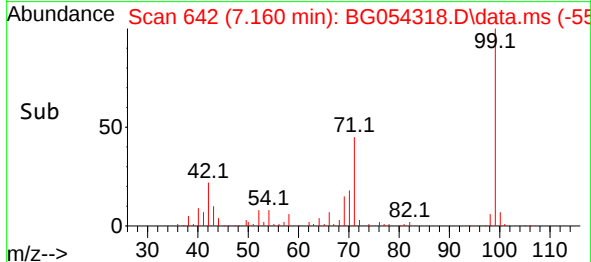
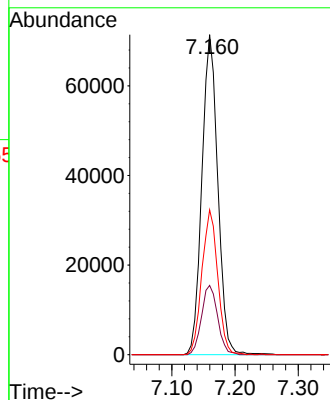
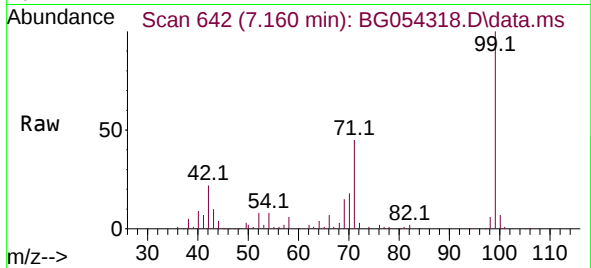




#7
Phenol-d6
Concen: 126.092 ng
RT: 7.160 min Scan# 64
Delta R.T. -0.012 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

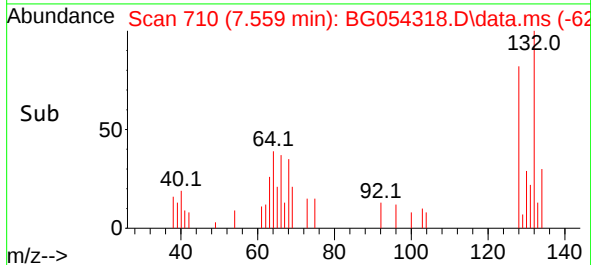
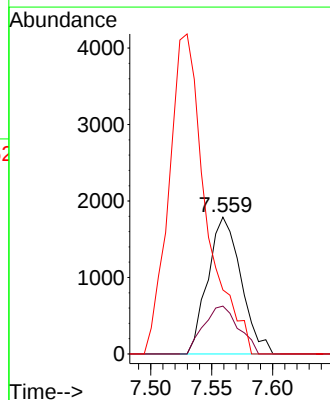
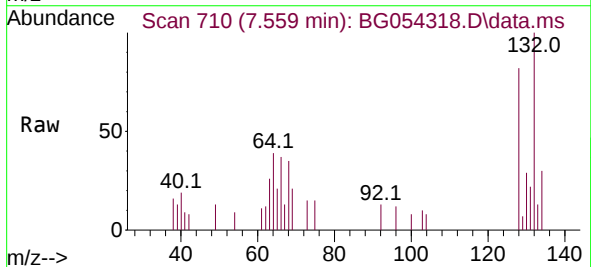
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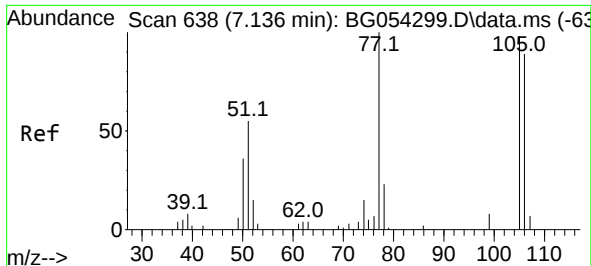
Tgt Ion: 99 Resp: 124542
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 45.2 33.8 50.8



#8
2-Chlorophenol
Concen: 4.088 ng
RT: 7.559 min Scan# 710
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:128 Resp: 3386
Ion Ratio Lower Upper
128 100
130 35.0 10.5 50.5
64 46.8 35.1 75.1





#9

Benzaldehyde

Concen: 5.418 ng

RT: 7.130 min Scan# 61

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

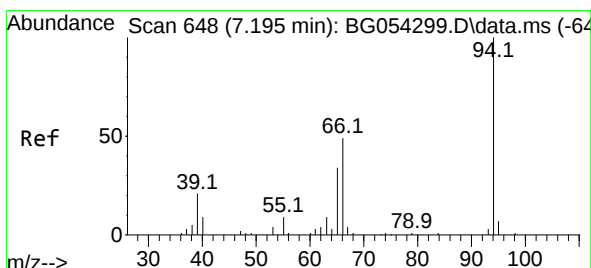
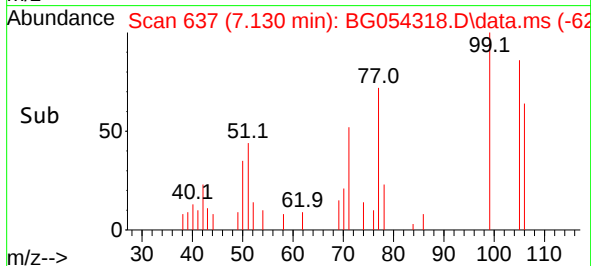
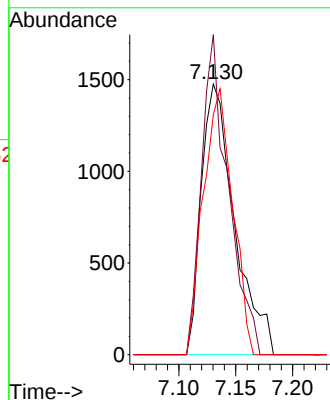
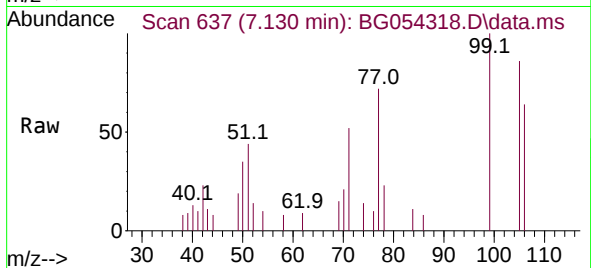
Tgt Ion: 77 Resp: 3006

Ion Ratio Lower Upper

77 100

105 118.2 59.6 99.6#

106 88.7 56.8 96.8



#10

Phenol

Concen: 3.645 ng

RT: 7.189 min Scan# 647

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

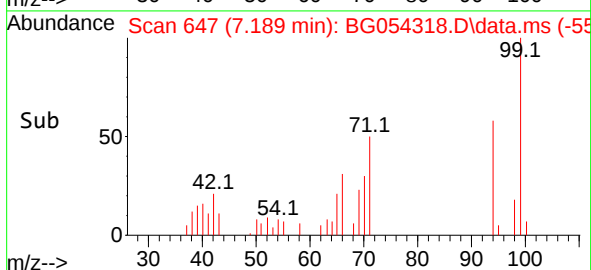
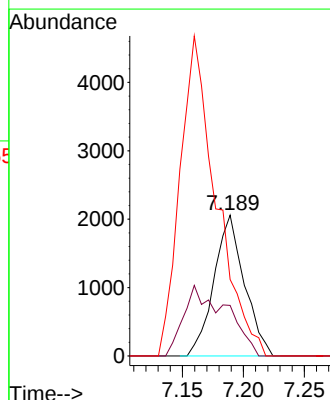
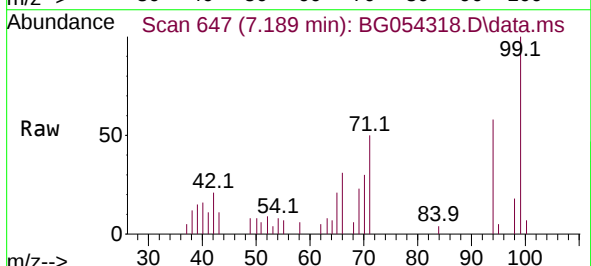
Tgt Ion: 94 Resp: 3577

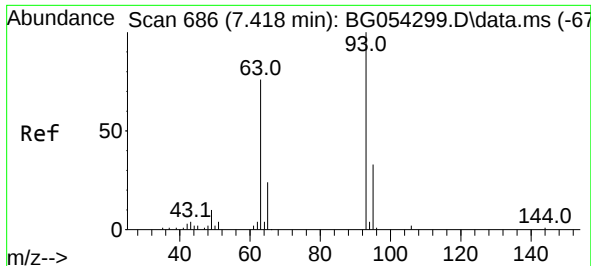
Ion Ratio Lower Upper

94 100

65 35.9 14.8 54.8

66 54.3 25.2 65.2

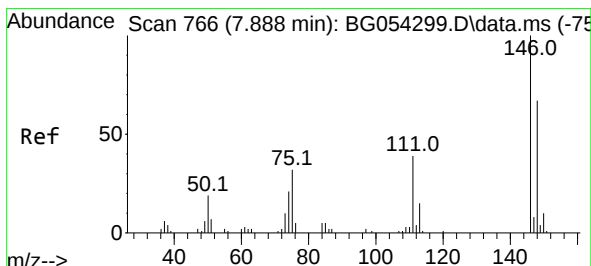
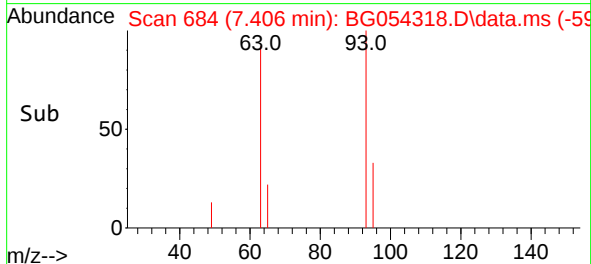
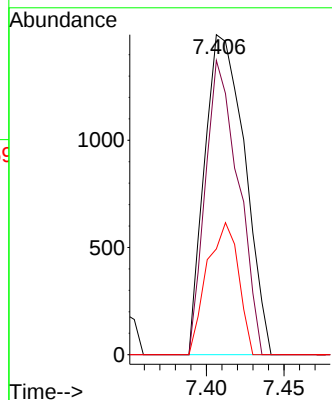
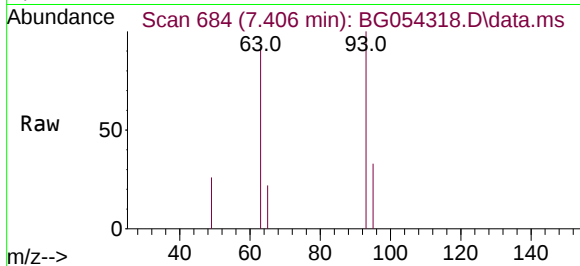




#11
bis(2-Chloroethyl)ether
Concen: 3.748 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.012 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

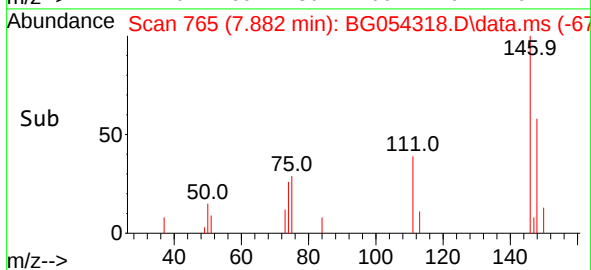
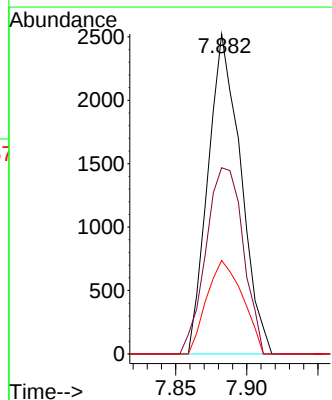
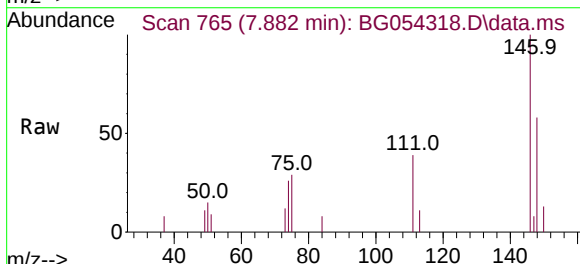
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

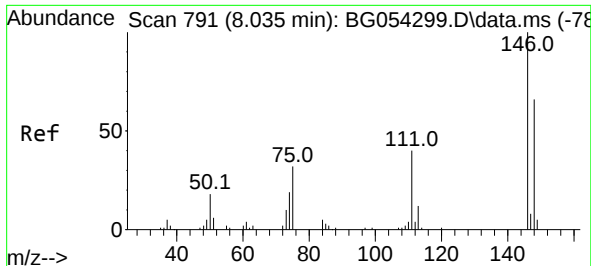
Tgt Ion: 93	Resp: 2682
Ion Ratio	Lower Upper
93 100	
63 92.0	63.6 103.6
95 33.0	10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 3.992 ng
RT: 7.882 min Scan# 765
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:146	Resp:	4029	
Ion	Ratio	Lower	Upper
146	100		
148	58.2	46.1	69.1
75	29.2	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 4.319 ng

RT: 8.029 min Scan# 791

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

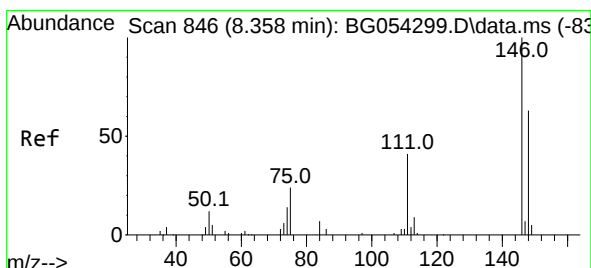
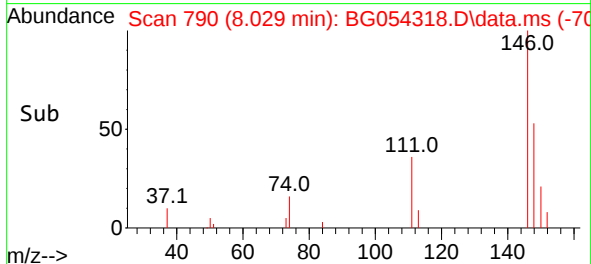
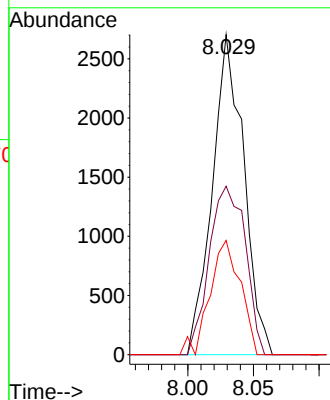
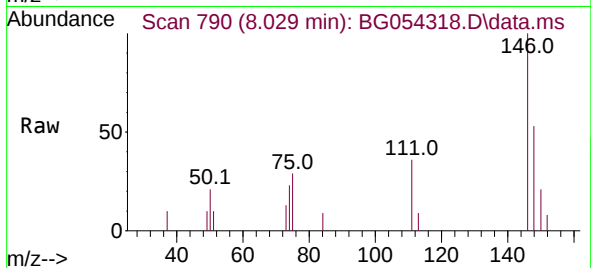
Tgt Ion:146 Resp: 4502

Ion Ratio Lower Upper

146 100

148 52.7 51.5 77.3

111 35.7 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 4.048 ng

RT: 8.352 min Scan# 845

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

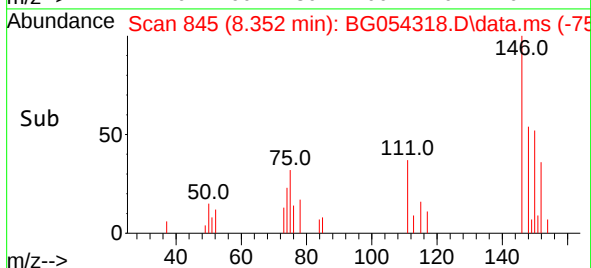
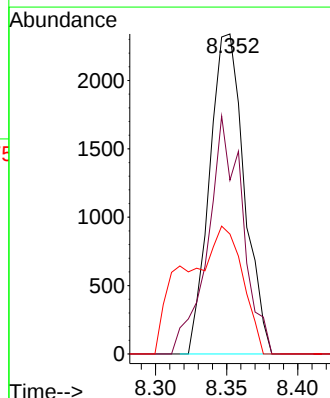
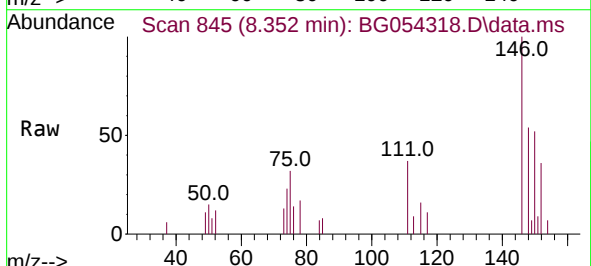
Tgt Ion:146 Resp: 3979

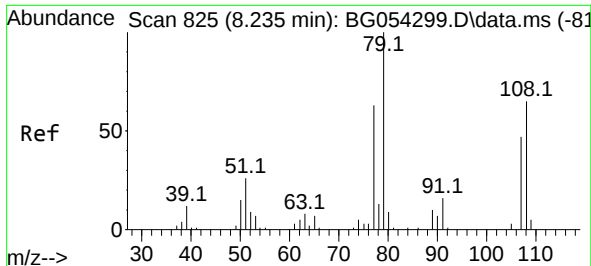
Ion Ratio Lower Upper

146 100

148 54.3 52.6 78.8

111 37.5 34.5 51.7

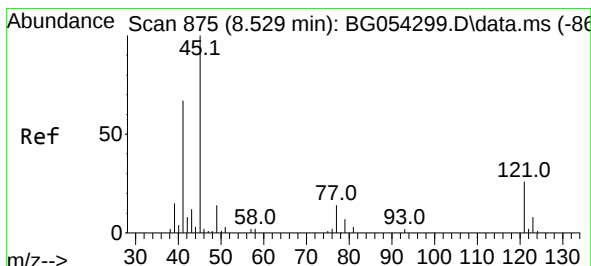
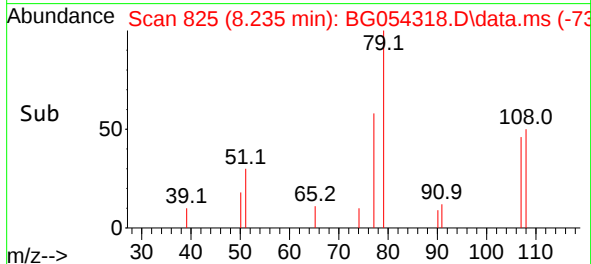
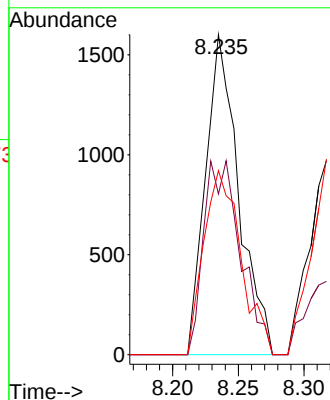
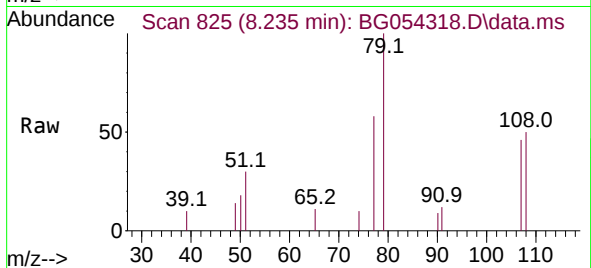




#15
Benzyl Alcohol
Concen: 3.463 ng
RT: 8.235 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

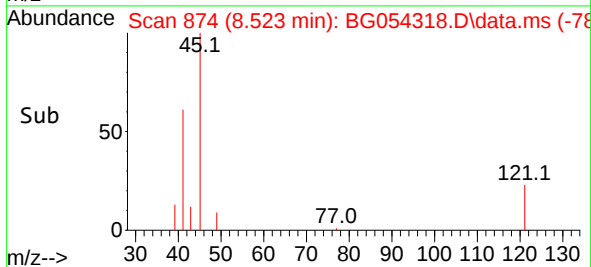
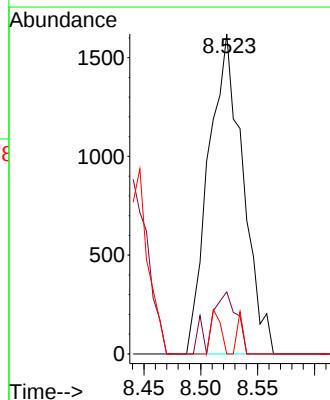
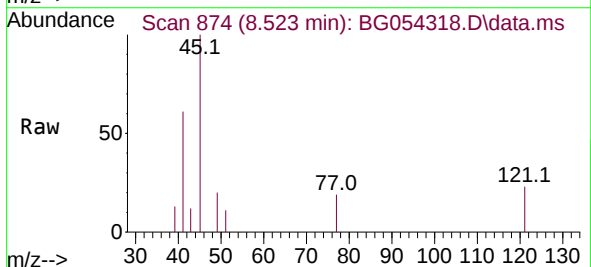
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

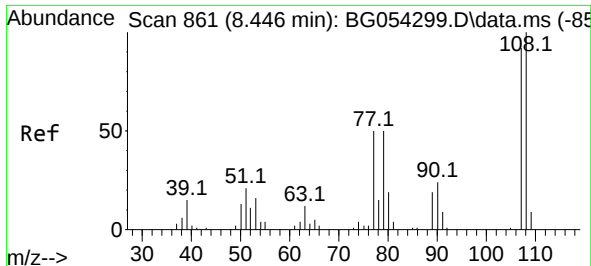
Tgt Ion: 79 Resp: 2813
Ion Ratio Lower Upper
79 100
108 50.2 53.7 80.5#
77 57.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.771 ng
RT: 8.523 min Scan# 874
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion: 45 Resp: 3398
Ion Ratio Lower Upper
45 100
77 19.4 0.0 32.7
79 0.0 0.0 29.7





#17

2-Methylphenol

Concen: 3.454 ng

RT: 8.440 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG054318.D

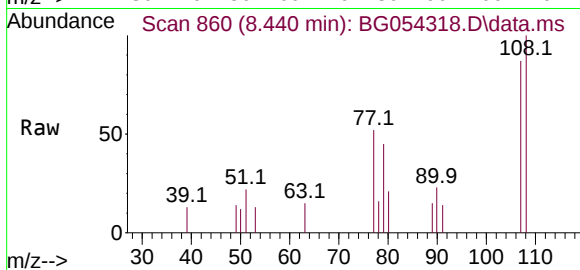
Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion:107 Resp: 2443

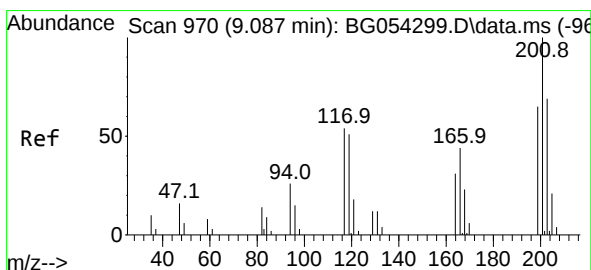
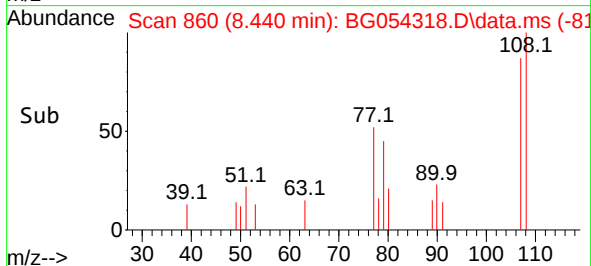
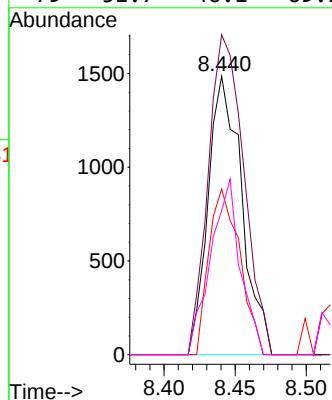
Ion Ratio Lower Upper

107 100

108 114.9 85.4 128.0

77 59.5 46.2 69.2

79 51.7 46.1 69.1



#18

Hexachloroethane

Concen: 3.828 ng

RT: 9.081 min Scan# 969

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

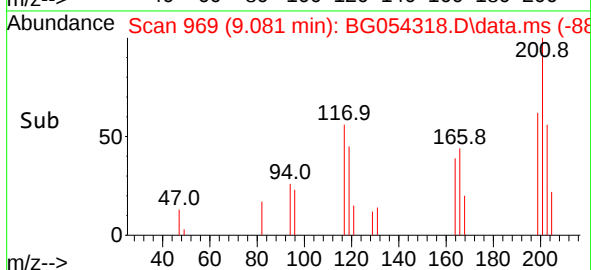
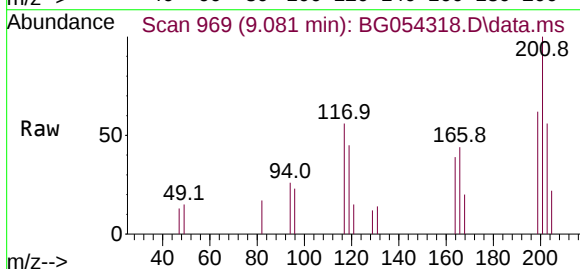
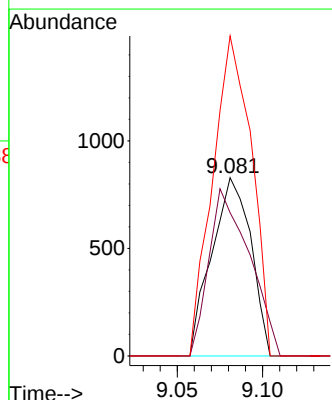
Tgt Ion:117 Resp: 1321

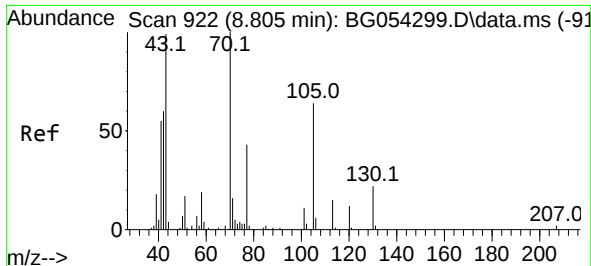
Ion Ratio Lower Upper

117 100

119 80.3 75.0 112.6

201 179.5 89.0 133.6#

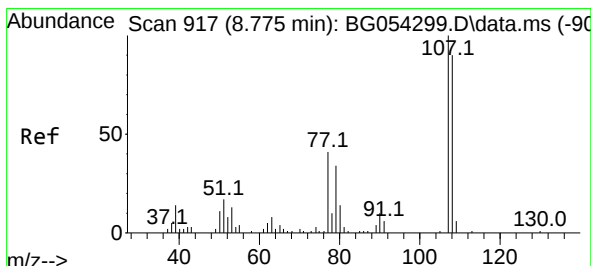
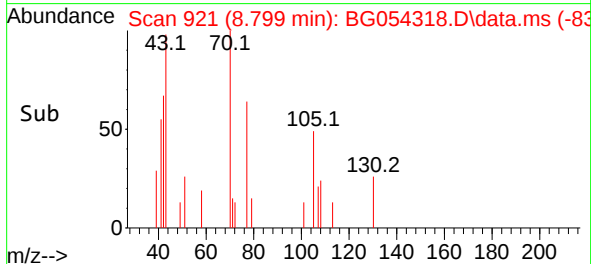
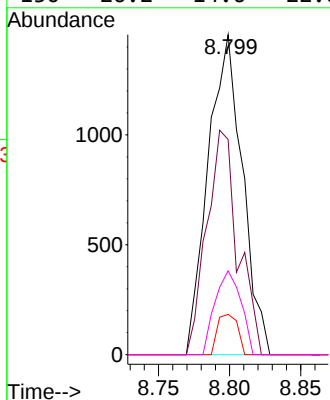
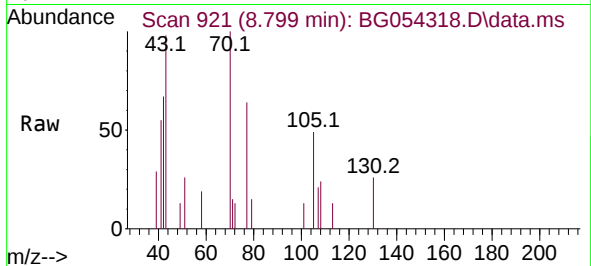




#19
n-Nitroso-di-n-propylamine
Concen: 3.705 ng
RT: 8.799 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

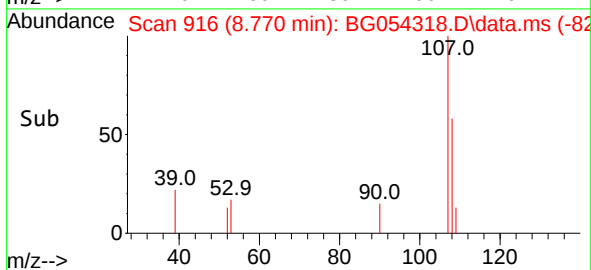
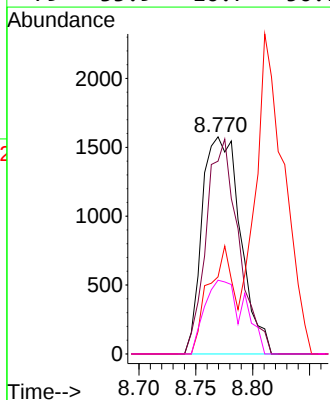
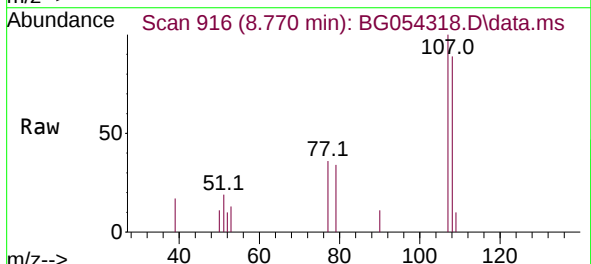
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

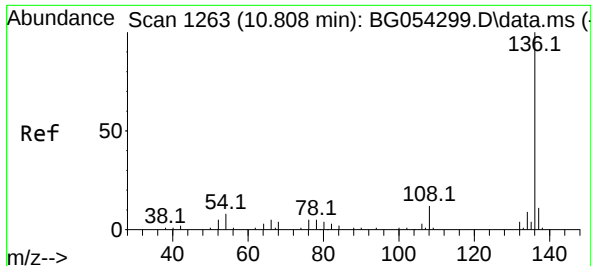
Tgt Ion: 70	Resp: 2444
Ion Ratio	Lower Upper
70	100
42	67.2 47.3 70.9
101	12.6 7.0 10.4#
130	26.2 14.6 22.0#



#20
3+4-Methylphenols
Concen: 3.709 ng
RT: 8.770 min Scan# 916
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion: 107	Resp: 3696
Ion Ratio	Lower Upper
107	100
108	88.8 67.5 107.5
77	35.5 20.3 60.3
79	33.9 16.7 56.7

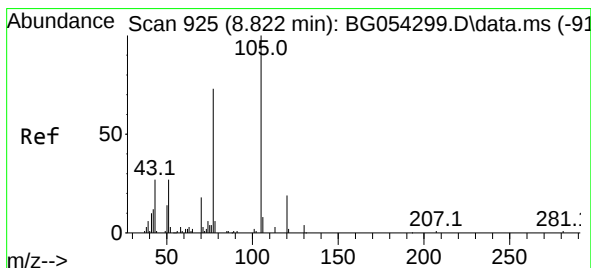
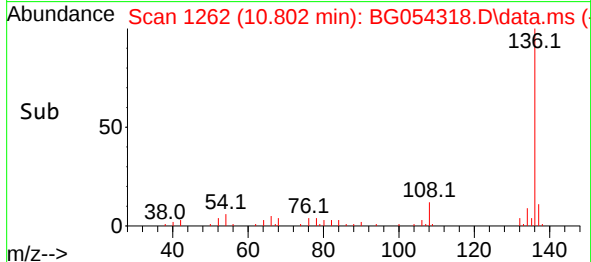
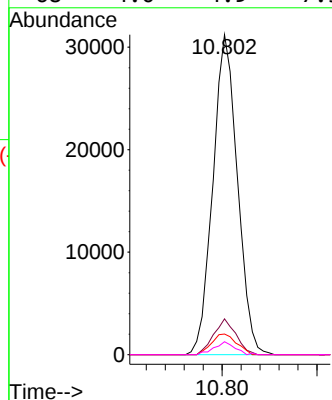
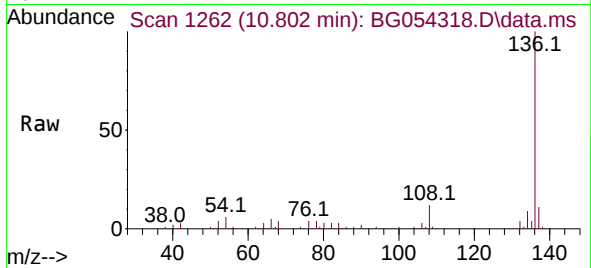




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

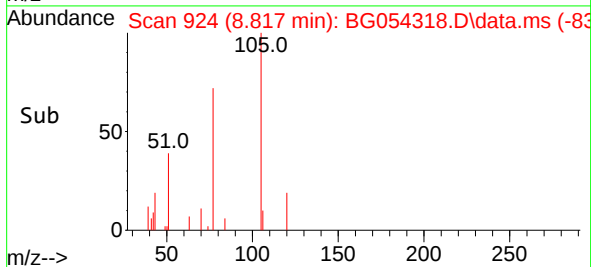
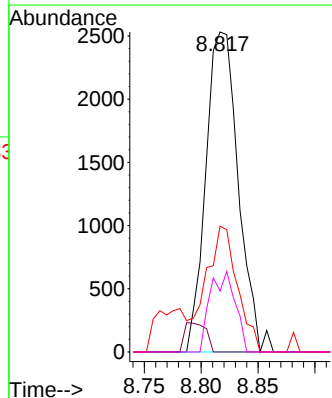
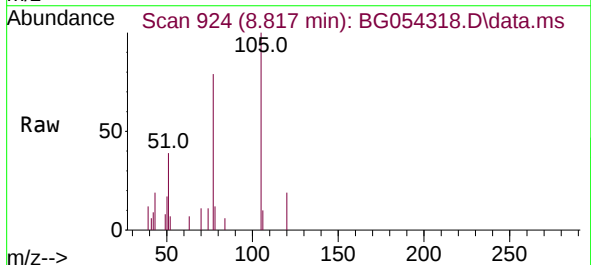
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

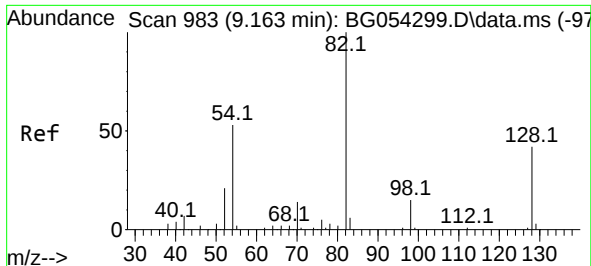
Tgt Ion:	136	Resp:	56161
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	6.5	7.4	11.2#
68	4.0	4.9	7.3#



#22
Acetophenone
Concen: 3.738 ng
RT: 8.817 min Scan# 924
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:	105	Resp:	5049
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.1	1.7#
51	39.3	25.4	38.0#
120	19.1	17.3	25.9

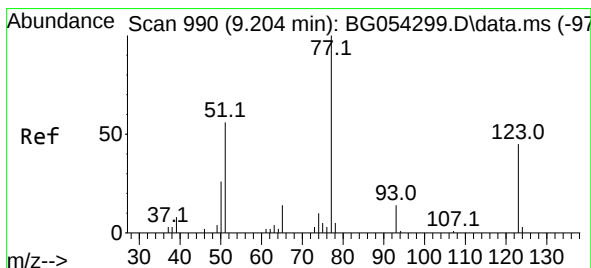
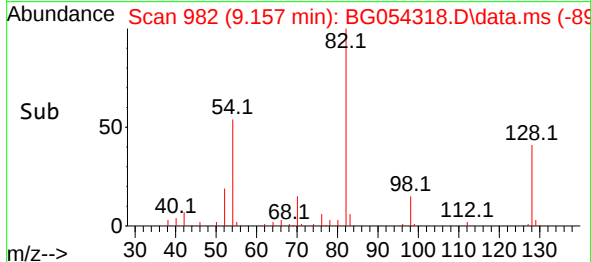
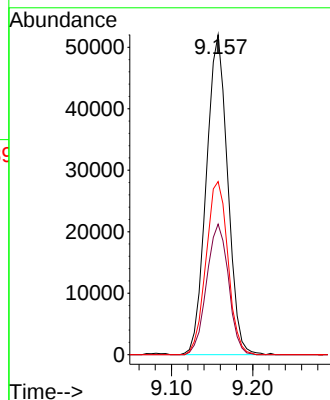
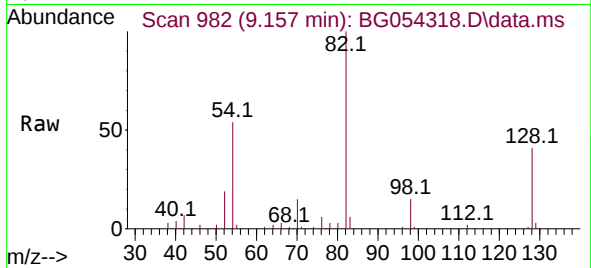




#23
Nitrobenzene-d5
Concen: 92.144 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

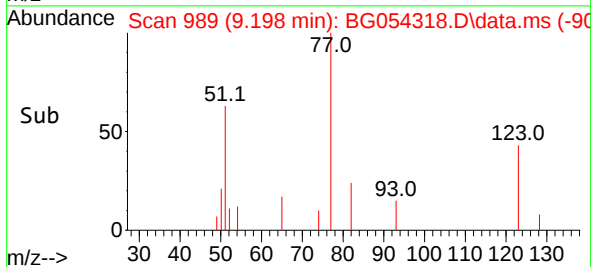
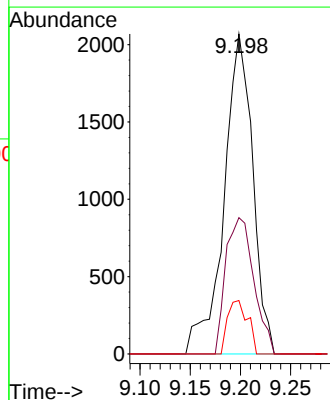
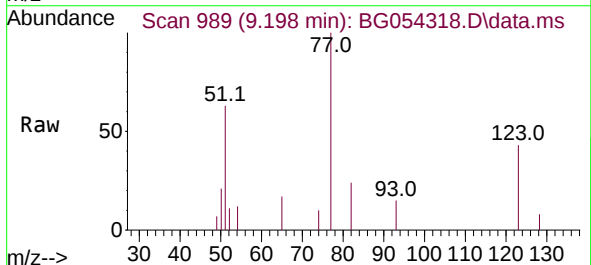
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

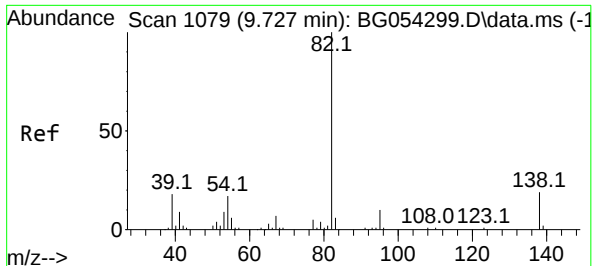
Tgt Ion: 82 Resp: 95027
Ion Ratio Lower Upper
82 100
128 40.8 27.9 41.9
54 54.1 41.2 61.8



#24
Nitrobenzene
Concen: 4.091 ng
RT: 9.198 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion: 77 Resp: 4123
Ion Ratio Lower Upper
77 100
123 42.6 27.4 41.0#
65 16.7 11.4 17.0

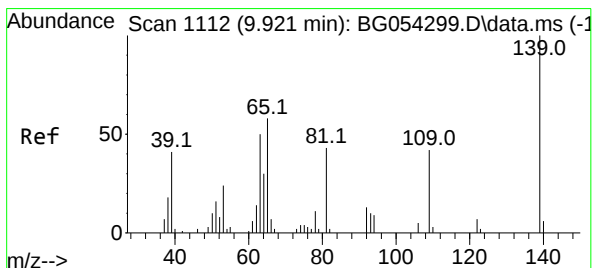
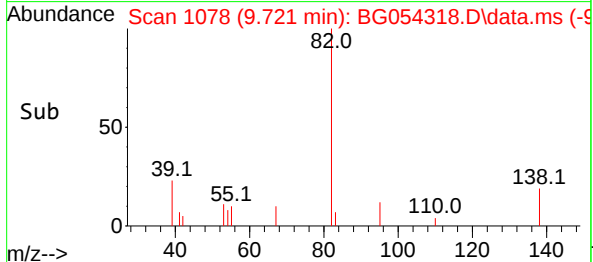
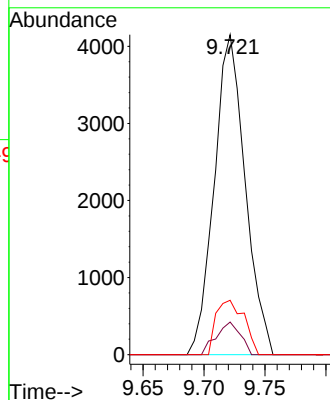
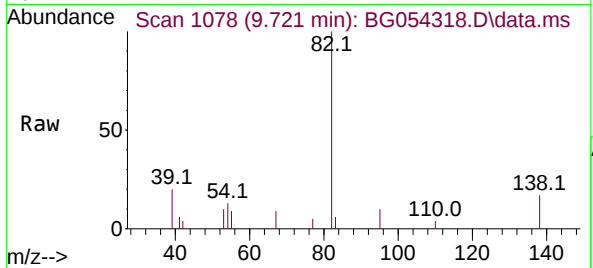




#25
Isophorone
Concen: 4.090 ng
RT: 9.721 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

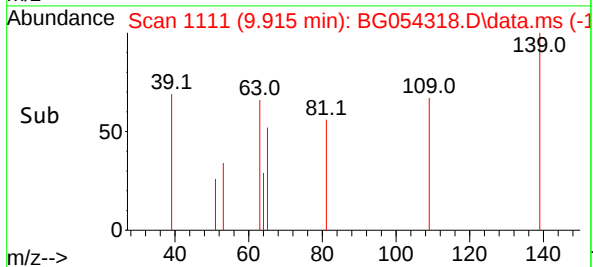
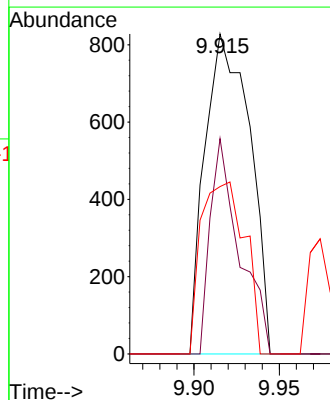
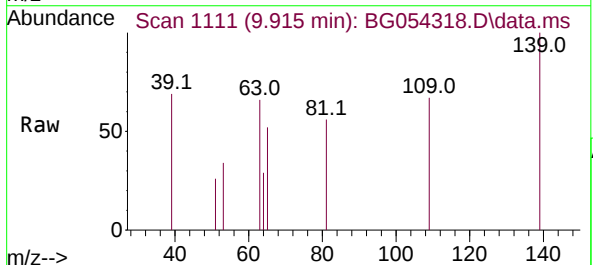
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

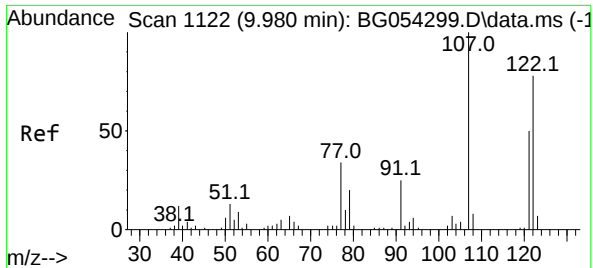
Tgt Ion: 82 Resp: 7335
Ion Ratio Lower Upper
82 100
95 10.2 6.2 9.4#
138 17.0 11.6 17.4



#26
2-Nitrophenol
Concen: 2.982 ng
RT: 9.915 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion: 139 Resp: 1515
Ion Ratio Lower Upper
139 100
109 67.3 36.1 54.1#
65 52.3 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 4.276 ng

RT: 9.974 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

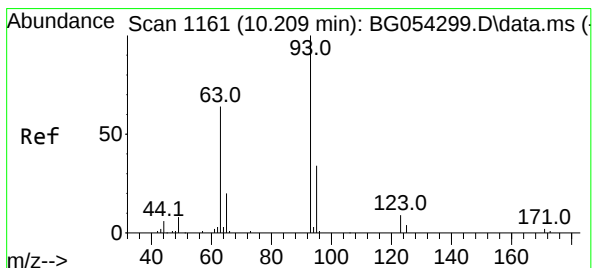
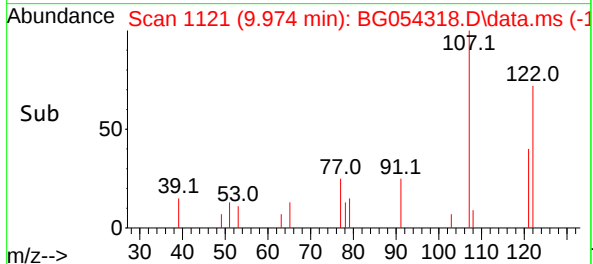
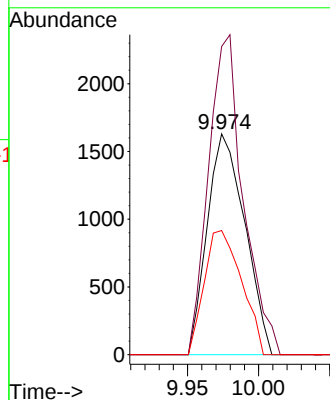
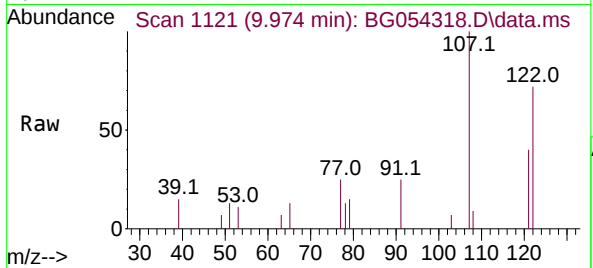
Tgt Ion:122 Resp: 3001

Ion Ratio Lower Upper

122 100

107 139.6 109.4 164.0

121 56.2 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 4.139 ng

RT: 10.203 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

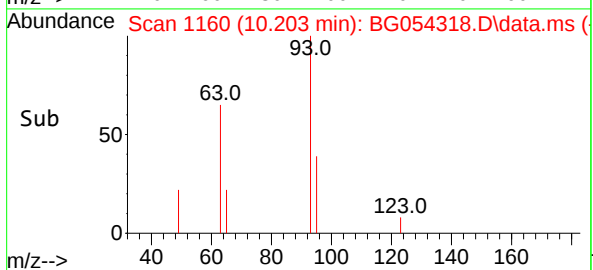
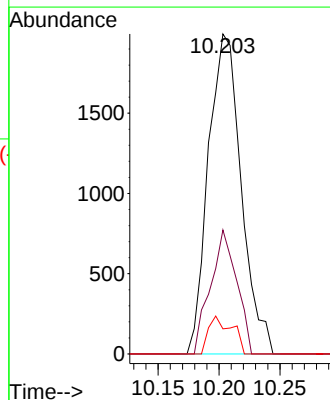
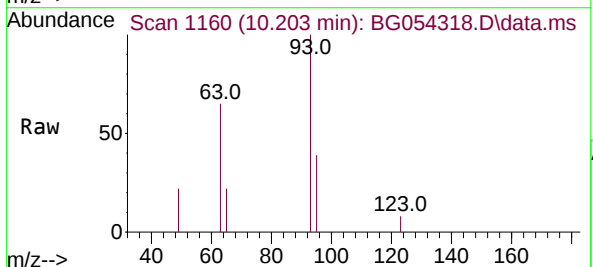
Tgt Ion: 93 Resp: 3744

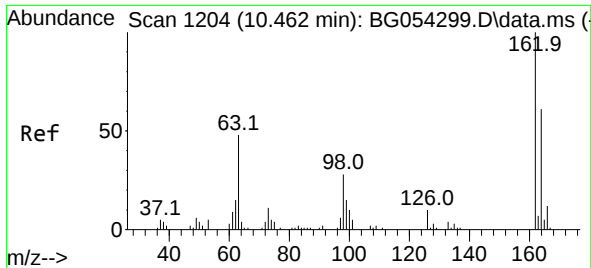
Ion Ratio Lower Upper

93 100

95 38.8 26.9 40.3

123 7.8 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 3.481 ng

RT: 10.456 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

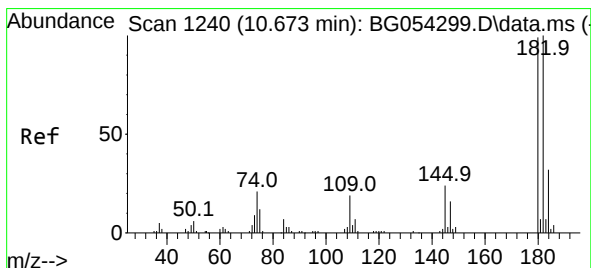
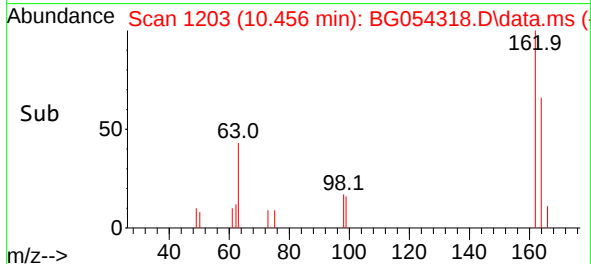
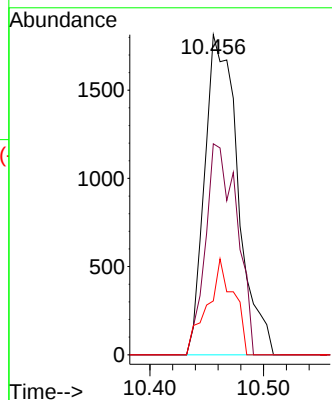
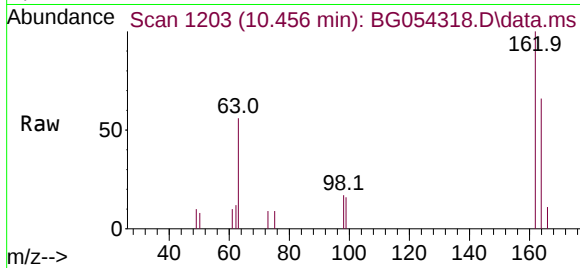
Tgt Ion:162 Resp: 3687

Ion Ratio Lower Upper

162 100

164 65.9 46.6 86.6

98 16.8 22.8 62.8#



#30

1,2,4-Trichlorobenzene

Concen: 3.843 ng

RT: 10.667 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

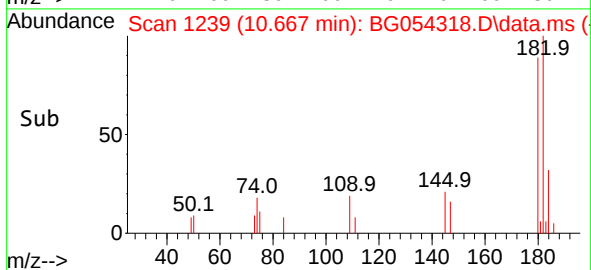
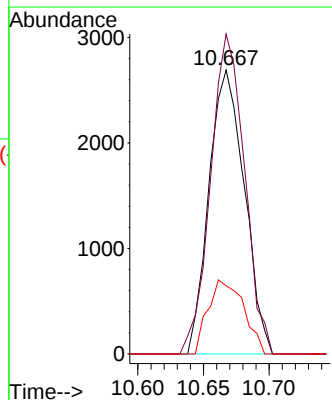
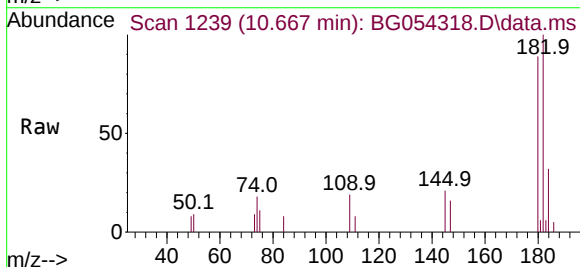
Tgt Ion:180 Resp: 5042

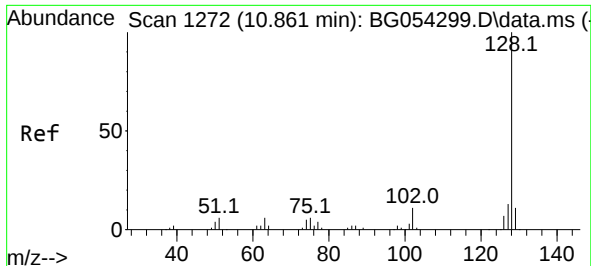
Ion Ratio Lower Upper

180 100

182 112.8 76.6 115.0

145 24.0 25.0 37.4#

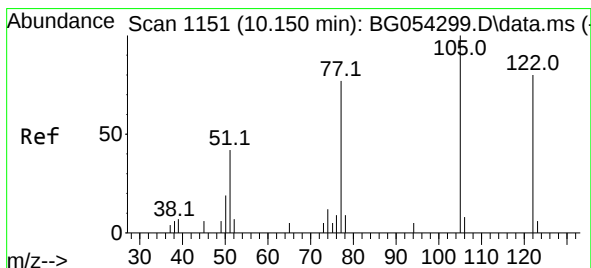
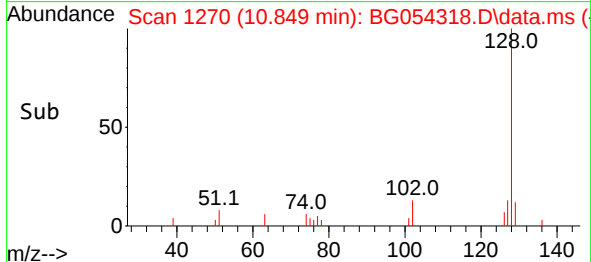
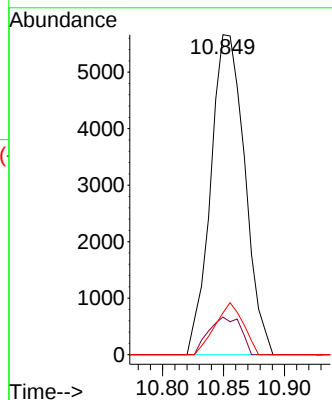
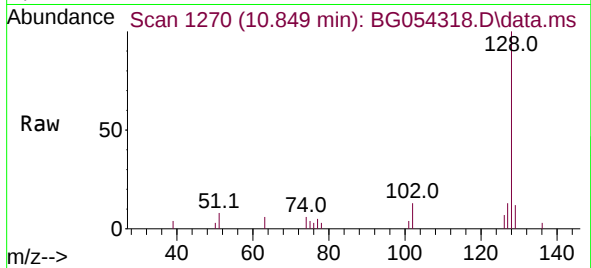




#31
Naphthalene
Concen: 3.911 ng
RT: 10.849 min Scan# 11025
Delta R.T. -0.012 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

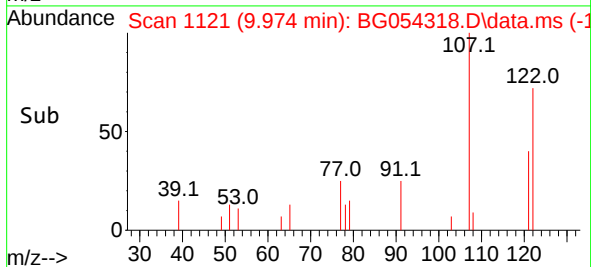
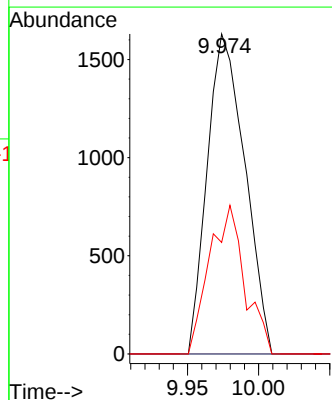
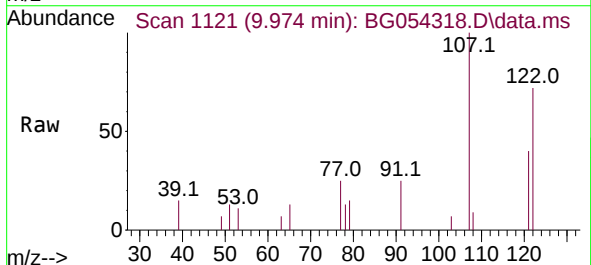
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

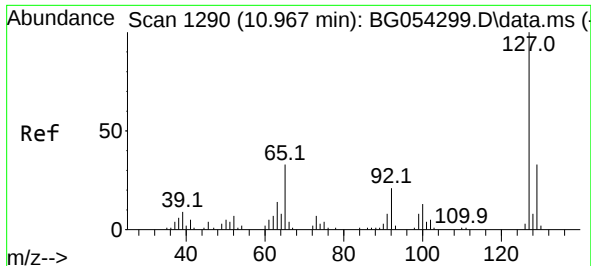
Tgt Ion:128 Resp: 11025
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.0 11.1 16.7



#32
Benzoic acid
Concen: 13.405 ng
RT: 9.974 min Scan# 1121
Delta R.T. -0.176 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:122 Resp: 3001
Ion Ratio Lower Upper
122 100
105 0.0 111.8 151.8#
77 34.8 109.4 149.4#

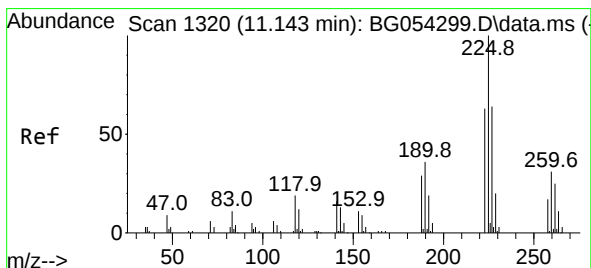
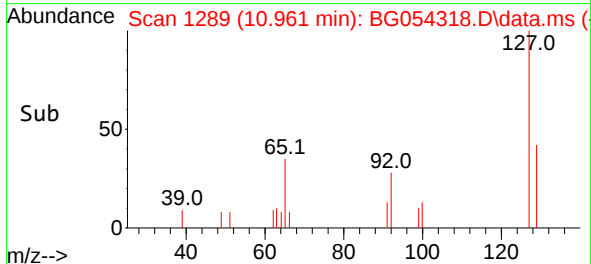
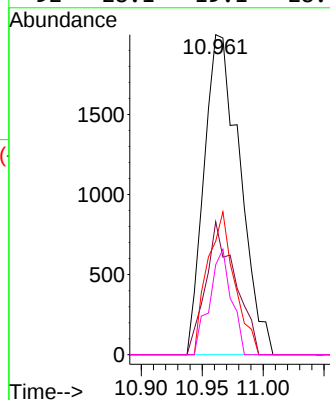
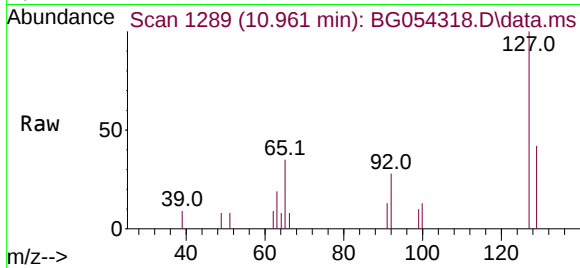




#33
4-Chloroaniline
Concen: 3.551 ng
RT: 10.961 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

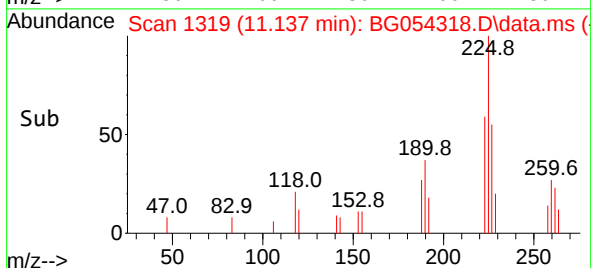
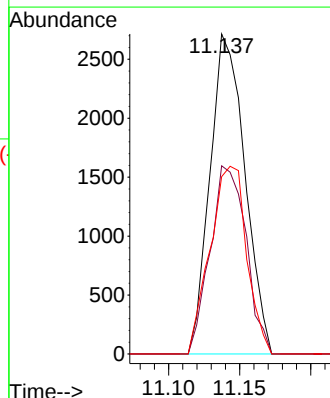
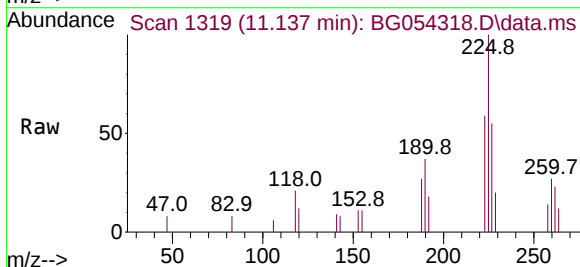
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

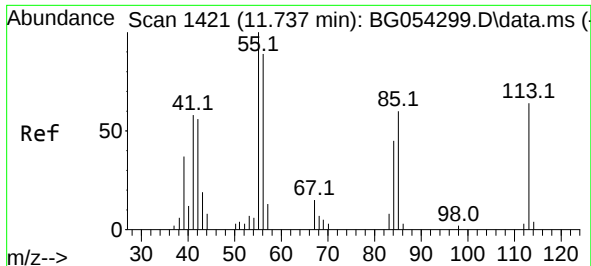
Tgt Ion:	127	Resp:	4071
Ion	Ratio	Lower	Upper
127	100		
129	41.5	26.3	39.5#
65	35.4	31.1	46.7
92	28.1	19.1	28.7



#34
Hexachlorobutadiene
Concen: 3.991 ng
RT: 11.137 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:	225	Resp:	4627
Ion	Ratio	Lower	Upper
225	100		
223	58.8	48.9	73.3
227	55.4	52.8	79.2

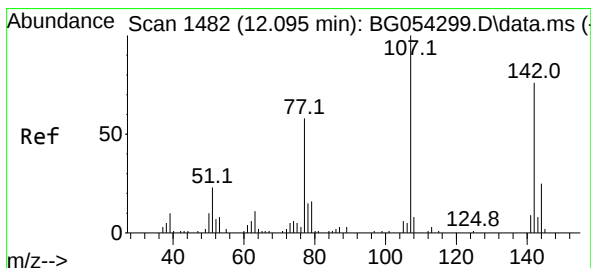
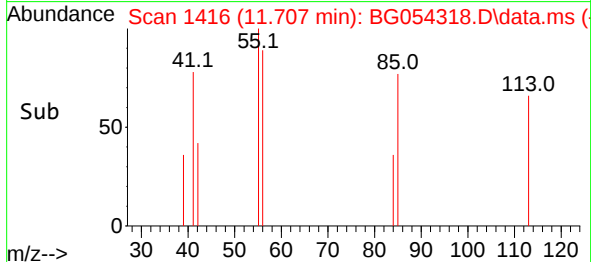
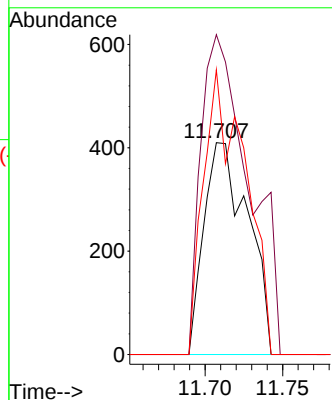
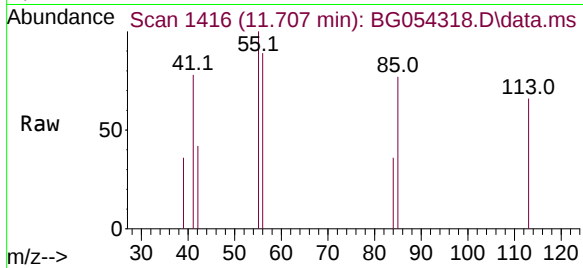




#35
 Caprolactam
 Concen: 3.022 ng
 RT: 11.707 min Scan# 1416
 Delta R.T. -0.029 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

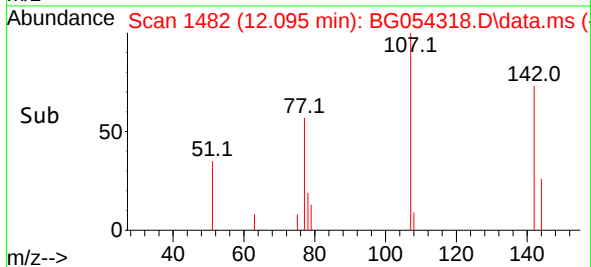
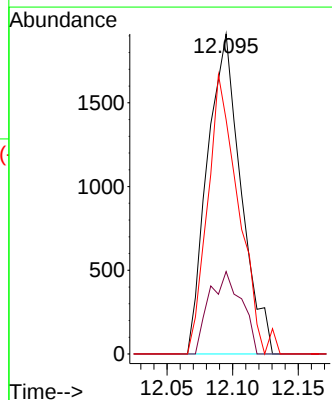
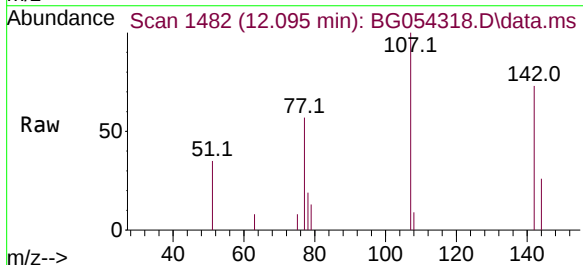
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

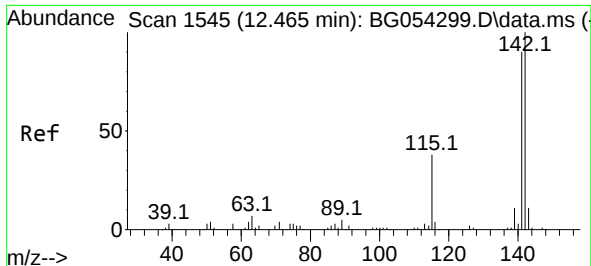
Tgt Ion:113 Resp: 806
 Ion Ratio Lower Upper
 113 100
 55 151.0 169.8 209.8#
 56 134.4 141.2 181.2#



#36
 4-Chloro-3-methylphenol
 Concen: 3.526 ng
 RT: 12.095 min Scan# 1482
 Delta R.T. 0.000 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

Tgt Ion:107 Resp: 3398
 Ion Ratio Lower Upper
 107 100
 144 25.7 18.5 27.7
 142 73.2 55.0 82.4

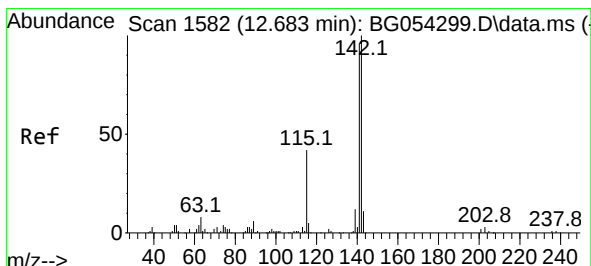
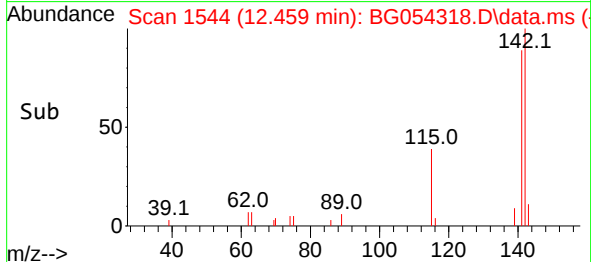
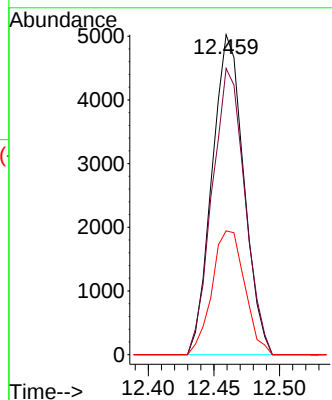
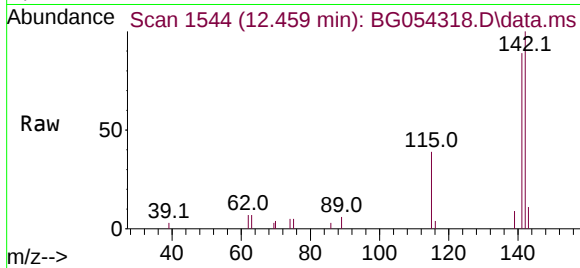




#37
2-Methylnaphthalene
Concen: 3.903 ng
RT: 12.459 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

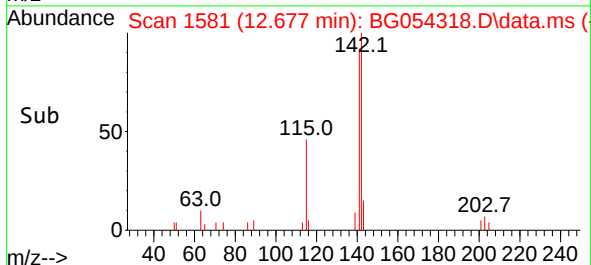
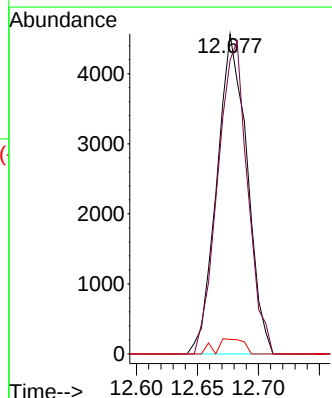
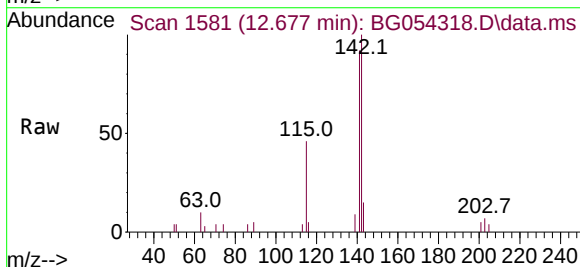
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

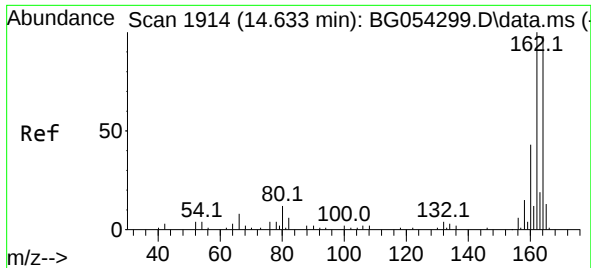
Tgt Ion:142 Resp: 8450
Ion Ratio Lower Upper
142 100
141 89.5 72.3 108.5
115 38.7 33.7 50.5



#38
1-Methylnaphthalene
Concen: 3.734 ng
RT: 12.677 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:142 Resp: 7877
Ion Ratio Lower Upper
142 100
141 91.9 76.4 114.6
116 4.5 3.3 4.9

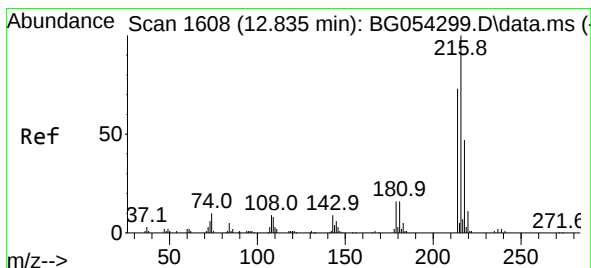
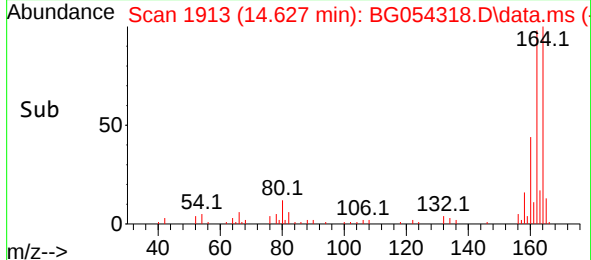
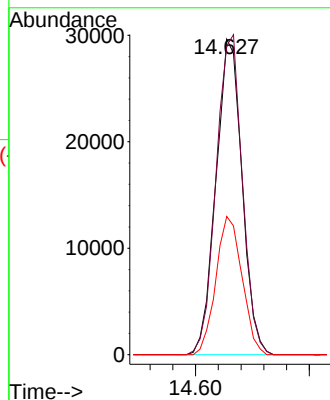
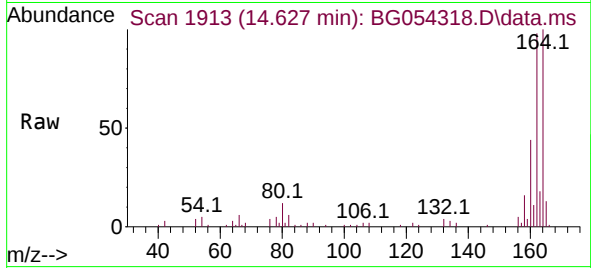




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

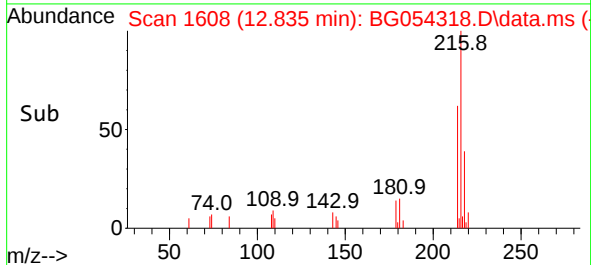
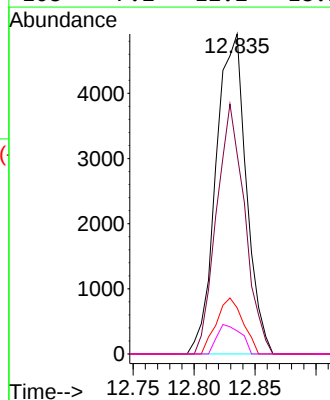
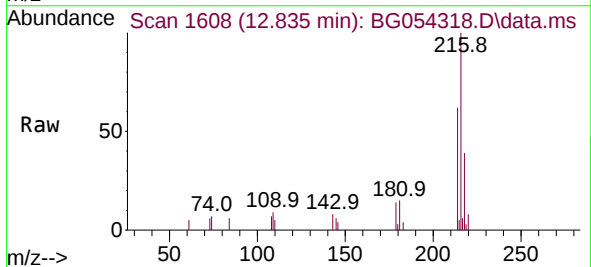
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

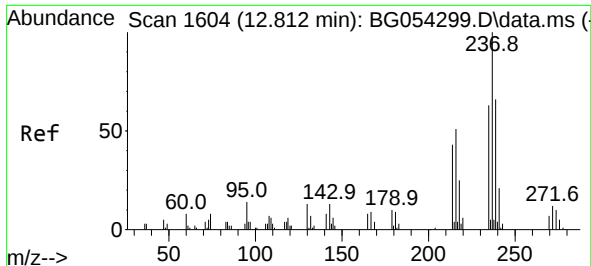
Tgt Ion:164 Resp: 47227
Ion Ratio Lower Upper
164 100
162 97.9 82.3 123.5
160 43.8 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.099 ng
RT: 12.835 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

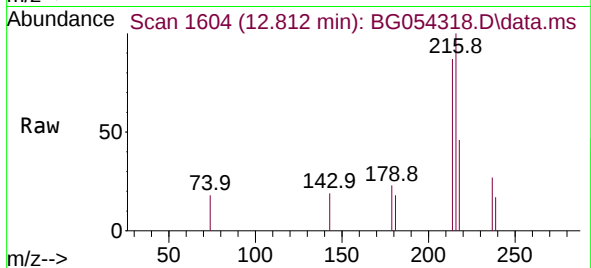
Tgt Ion:216 Resp: 8481
Ion Ratio Lower Upper
216 100
214 72.7 62.9 94.3
179 15.4 16.1 24.1#
108 7.2 12.2 18.2#



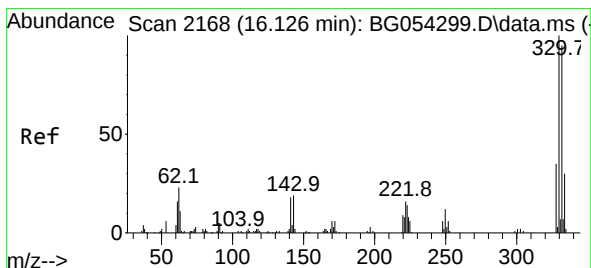
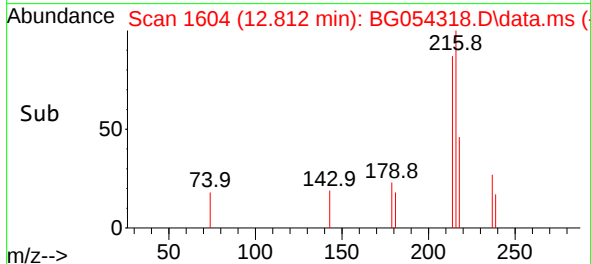
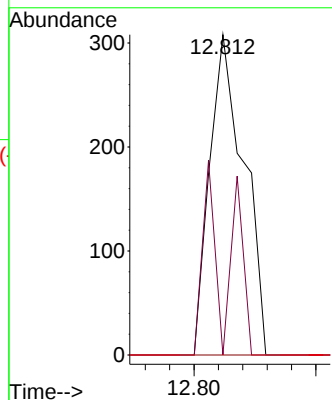


#41
Hexachlorocyclopentadiene
Concen: 0.618 ng
RT: 12.812 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

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

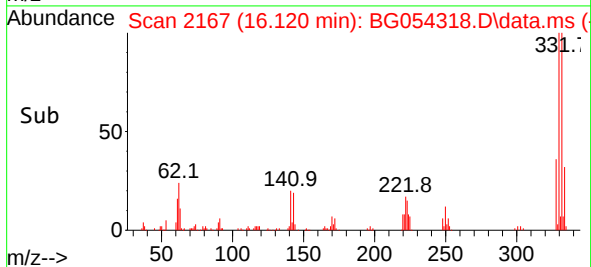
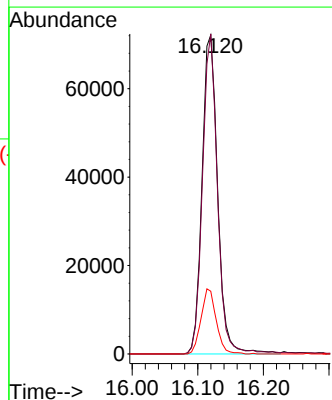
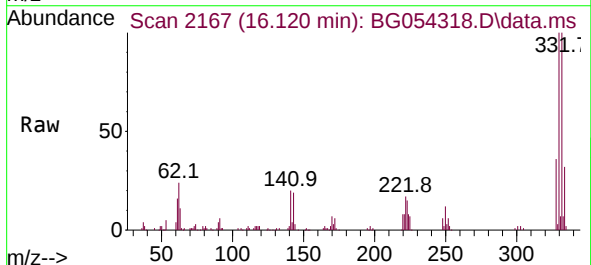


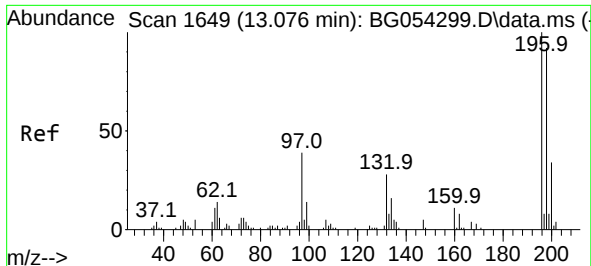
Tgt Ion:237 Resp: 300
Ion Ratio Lower Upper
237 100
235 0.0 43.5 83.5#
272 0.0 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 121.034 ng
RT: 16.120 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:330 Resp: 120016
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 19.8 27.1 40.7#

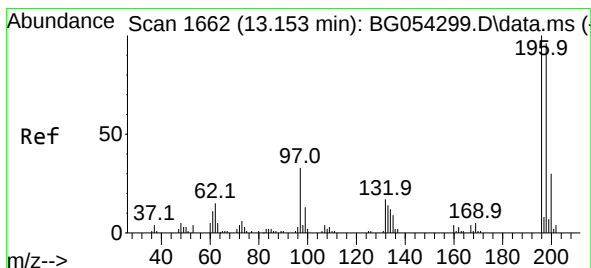
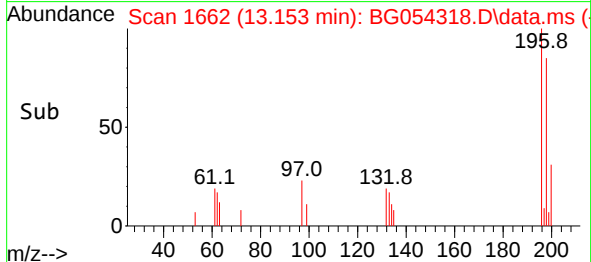
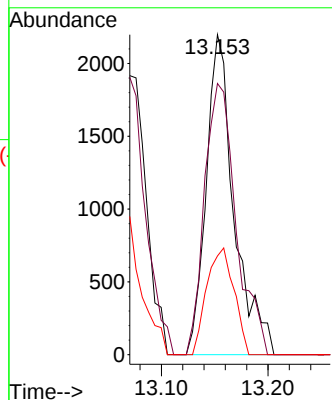
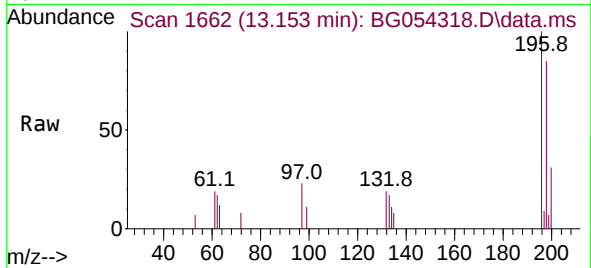




#43
2,4,6-Trichlorophenol
Concen: 3.547 ng
RT: 13.153 min Scan# 1662
Delta R.T. 0.076 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

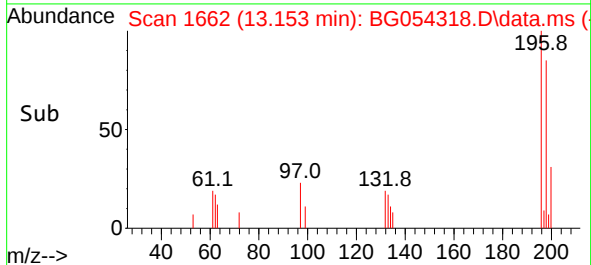
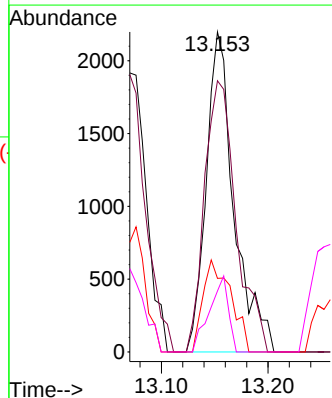
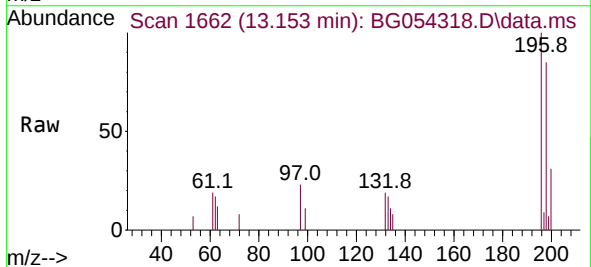
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

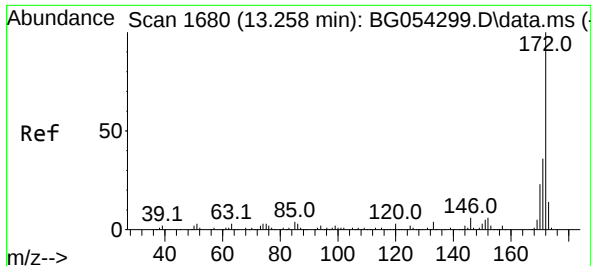
Tgt Ion:196 Resp: 3996
Ion Ratio Lower Upper
196 100
198 84.8 74.1 111.1
200 30.8 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 3.139 ng
RT: 13.153 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:196 Resp: 3996
Ion Ratio Lower Upper
196 100
198 84.8 76.8 115.2
97 23.0 39.8 59.6#
132 19.1 18.4 27.6

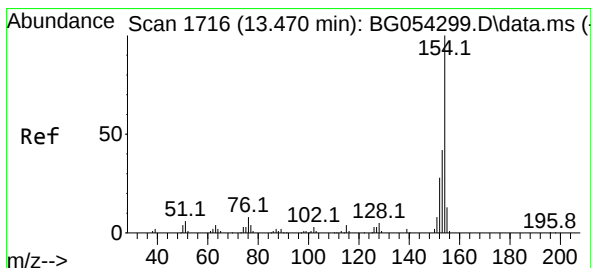
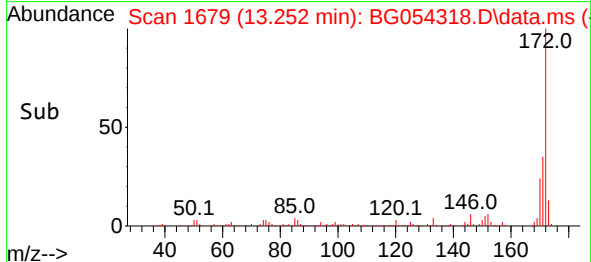
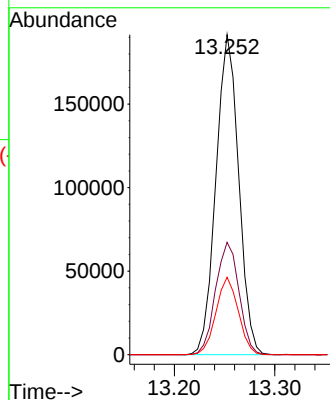
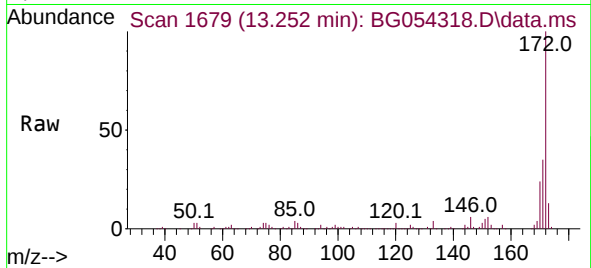




#45
2-Fluorobiphenyl
Concen: 89.945 ng
RT: 13.252 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

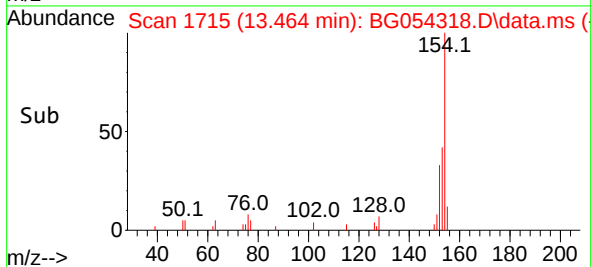
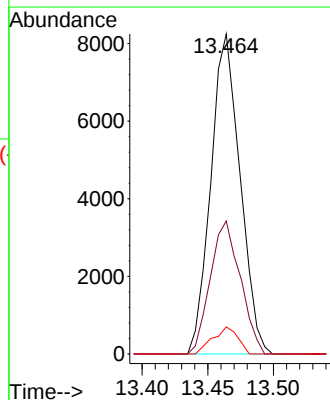
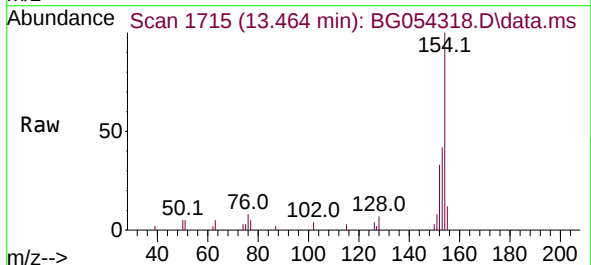
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

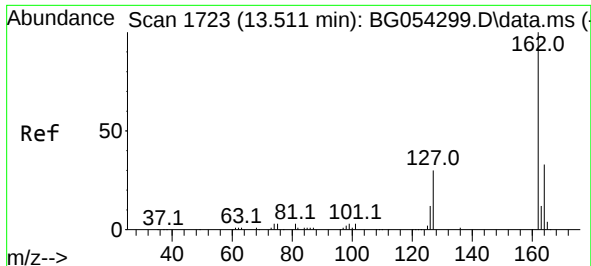
Tgt Ion:172 Resp: 301117
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 24.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 3.953 ng
RT: 13.464 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:154 Resp: 12772
Ion Ratio Lower Upper
154 100
153 41.5 21.6 61.6
76 8.5 0.0 32.6

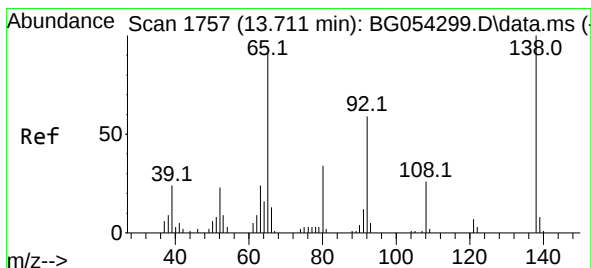
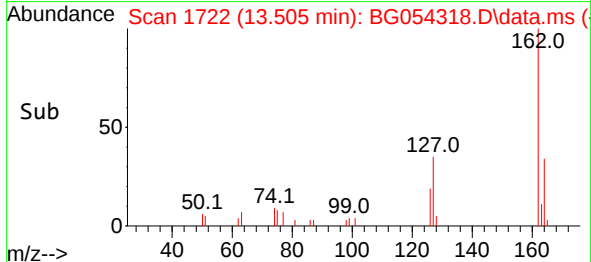
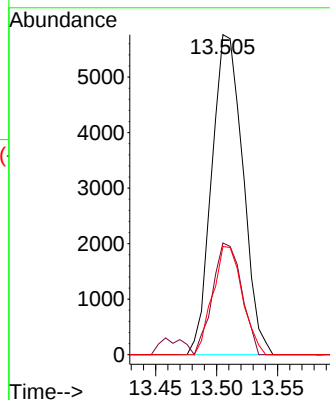
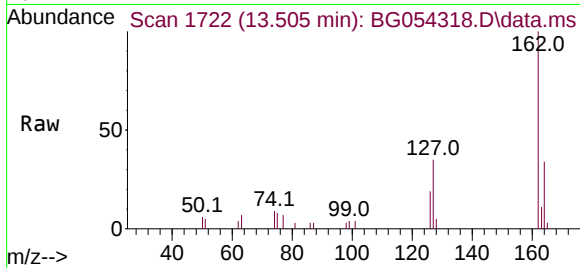




#47
2-Chloronaphthalene
Concen: 3.782 ng
RT: 13.505 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

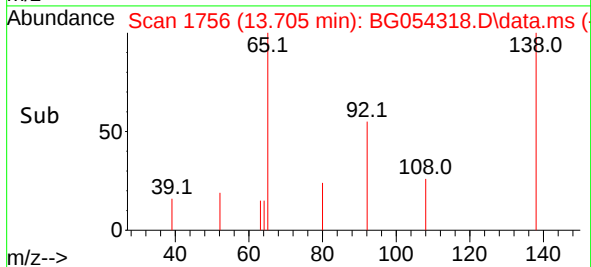
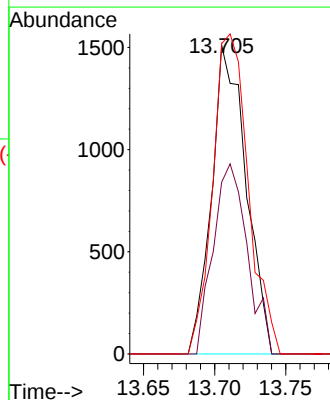
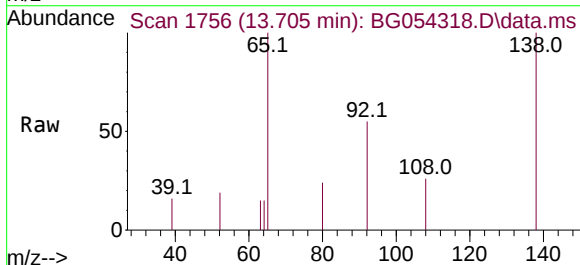
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

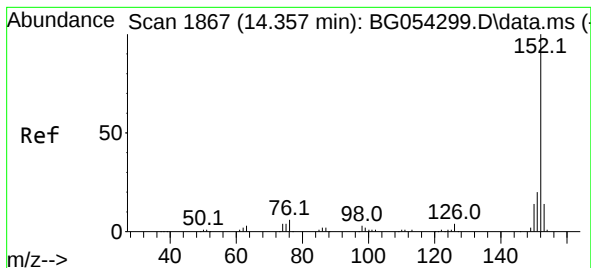
Tgt Ion:162	Resp:	10227
Ion Ratio	Lower	Upper
162	100	
127	34.9	30.6 45.8
164	33.8	26.5 39.7



#48
2-Nitroaniline
Concen: 3.602 ng
RT: 13.705 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion: 65	Resp:	2542
Ion Ratio	Lower	Upper
65	100	
92	55.6	51.5 77.3
138	100.5	71.3 106.9





#49

Acenaphthylene

Concen: 3.948 ng

RT: 14.351 min Scan# 1866

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

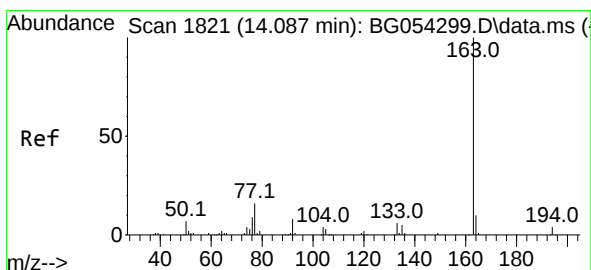
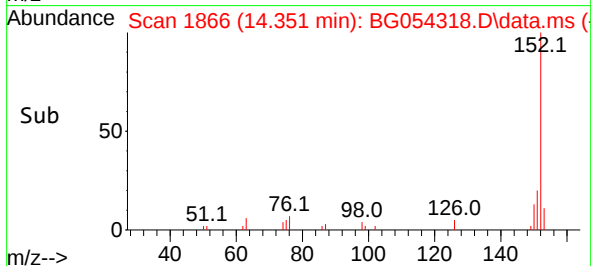
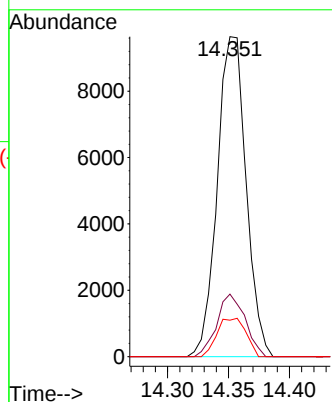
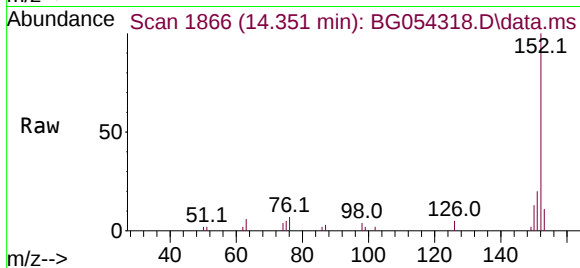
Tgt Ion:152 Resp: 15864

Ion Ratio Lower Upper

152 100

151 19.5 16.4 24.6

153 11.4 10.8 16.2



#50

Dimethylphthalate

Concen: 3.728 ng

RT: 14.075 min Scan# 1819

Delta R.T. -0.012 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

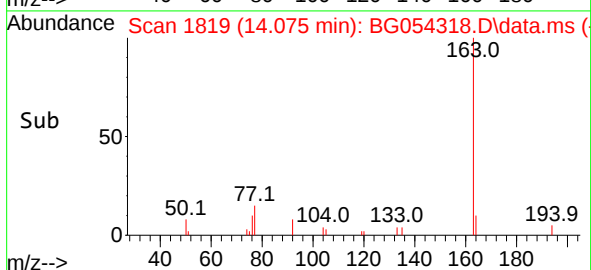
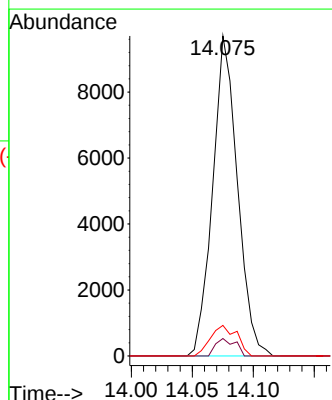
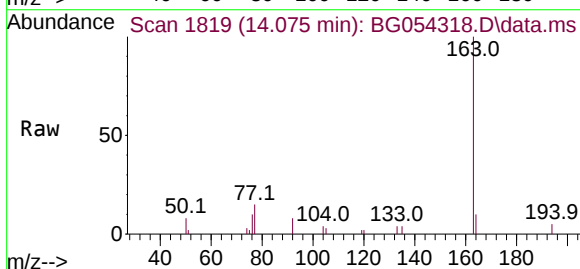
Tgt Ion:163 Resp: 13751

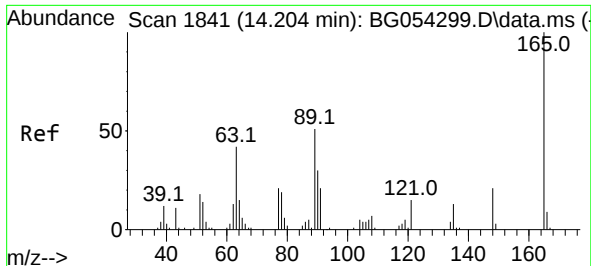
Ion Ratio Lower Upper

163 100

194 5.4 3.0 4.6#

164 9.6 8.0 12.0

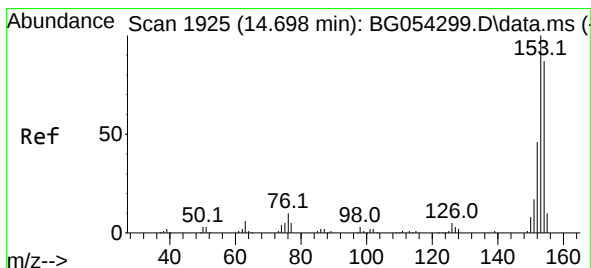
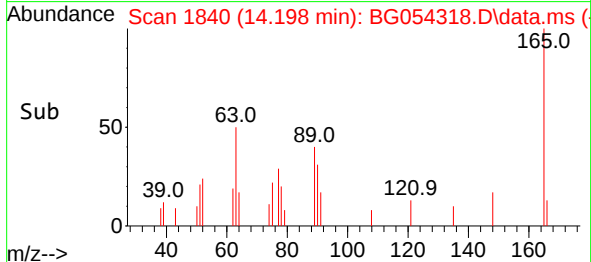
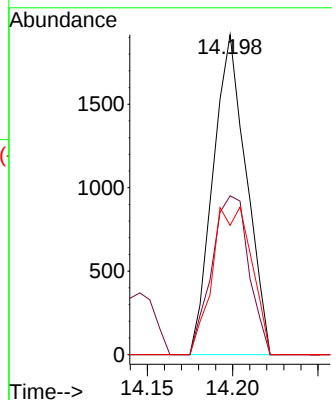
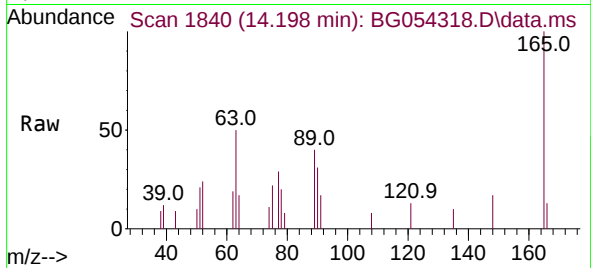




#51
2,6-Dinitrotoluene
Concen: 3.210 ng
RT: 14.198 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

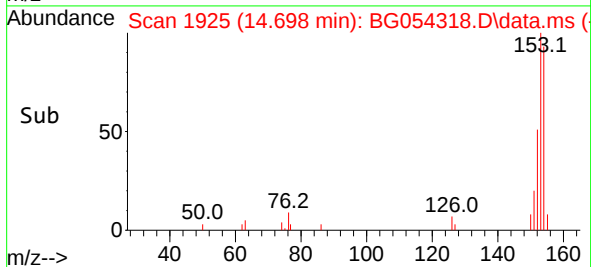
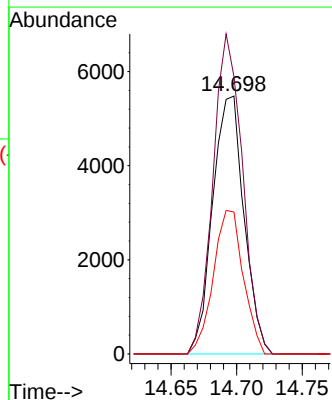
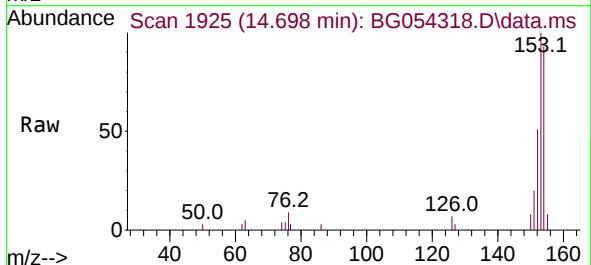
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

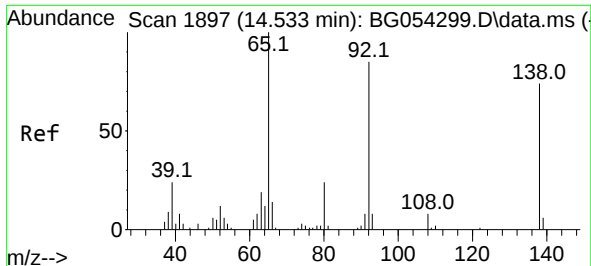
Tgt Ion:165 Resp: 2597
Ion Ratio Lower Upper
165 100
63 49.7 54.1 81.1#
89 40.4 54.8 82.2#



#52
Acenaphthene
Concen: 3.737 ng
RT: 14.698 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:154 Resp: 9091
Ion Ratio Lower Upper
154 100
153 107.6 92.7 139.1
152 55.1 42.6 64.0

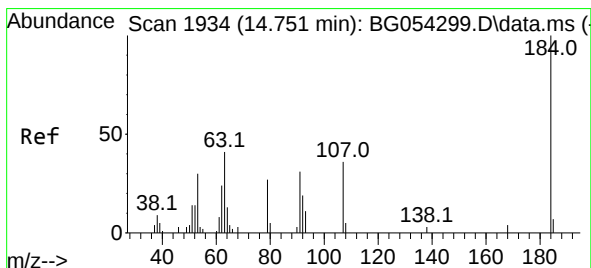
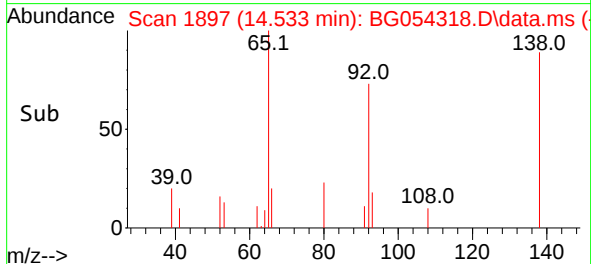
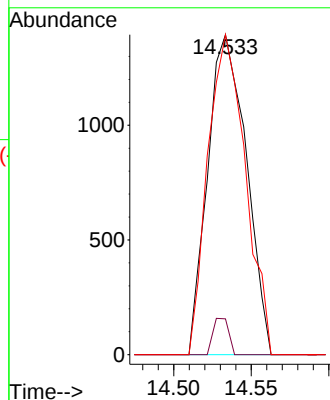
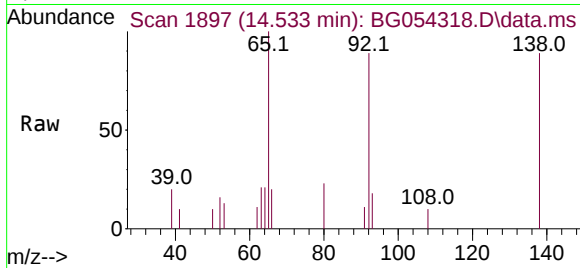




#53
3-Nitroaniline
Concen: 3.563 ng
RT: 14.533 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

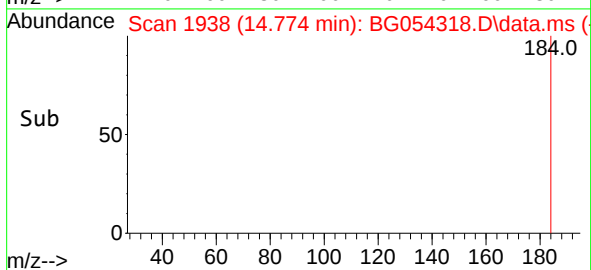
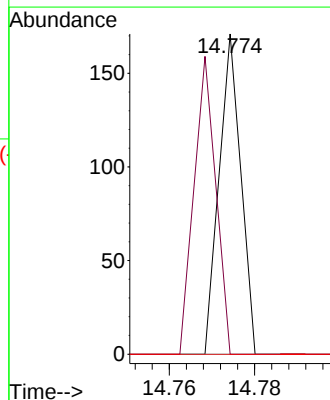
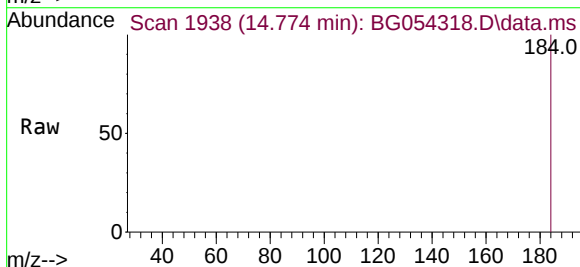
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

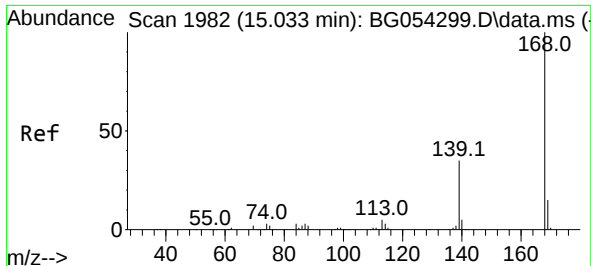
Tgt Ion:138 Resp: 2411
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 100.0 101.9 152.9#



#54
2,4-Dinitrophenol
Concen: 0.153 ng
RT: 14.774 min Scan# 1938
Delta R.T. 0.023 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

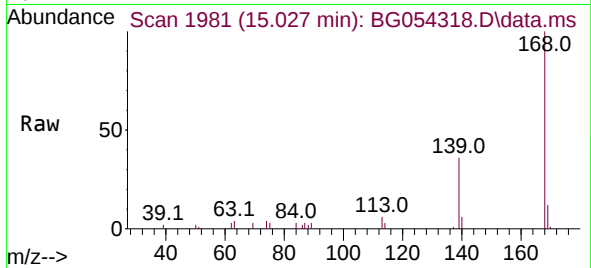
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 0.0 61.1 91.7#
154 0.0 60.6 91.0#



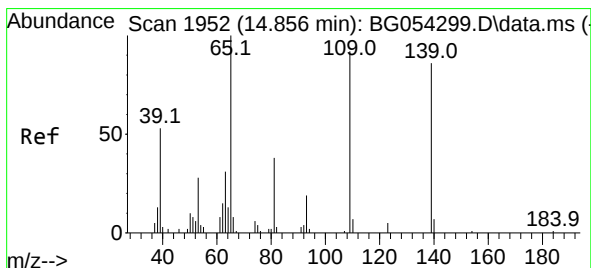
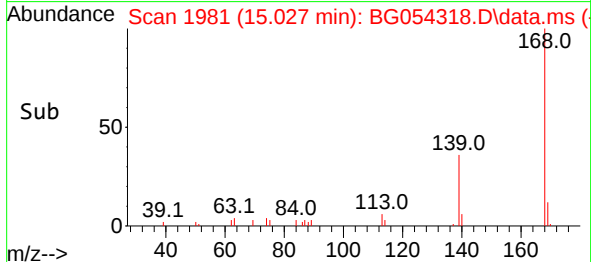
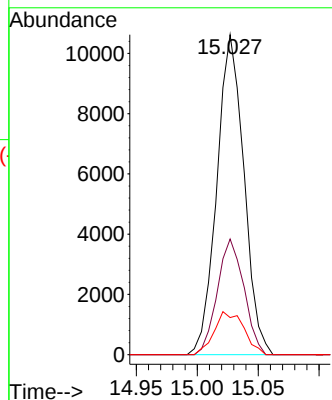


#55
Dibenzofuran
Concen: 3.794 ng
RT: 15.027 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

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

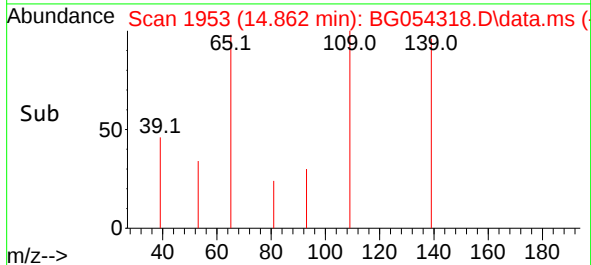
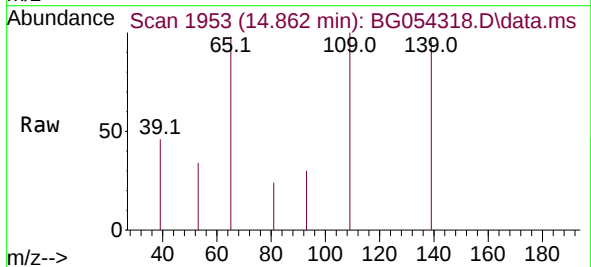
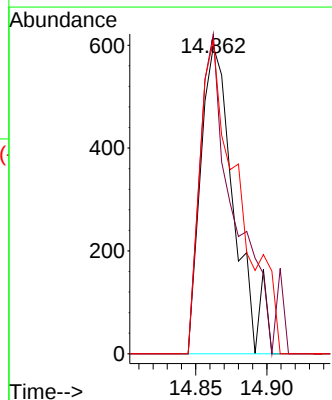


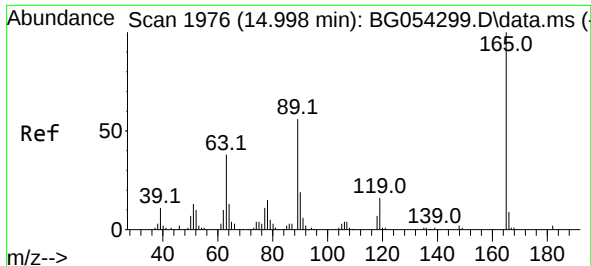
Tgt Ion:168 Resp: 16426
Ion Ratio Lower Upper
168 100
139 36.2 30.5 45.7
169 11.6 10.3 15.5



#56
4-Nitrophenol
Concen: 2.155 ng
RT: 14.862 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:139 Resp: 973
Ion Ratio Lower Upper
139 100
109 104.0 88.5 128.5
65 102.0 93.9 133.9

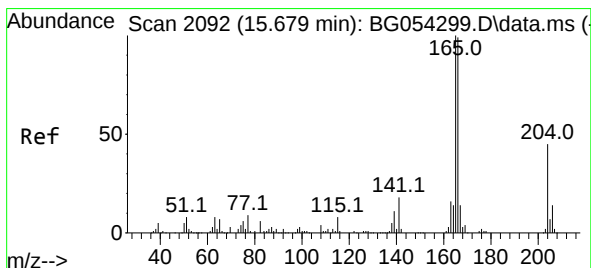
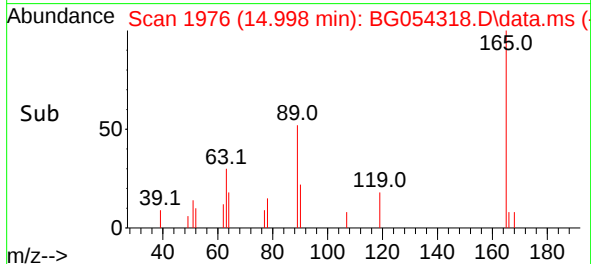
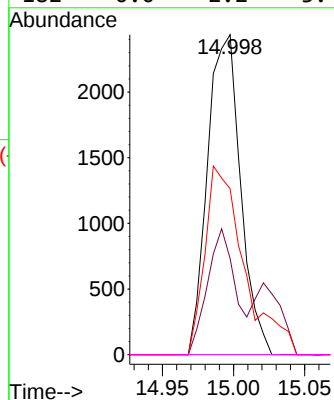
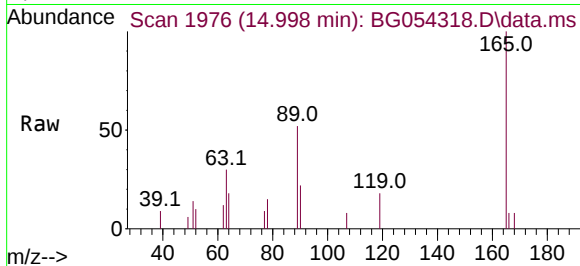




#57
2,4-Dinitrotoluene
Concen: 3.397 ng
RT: 14.998 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

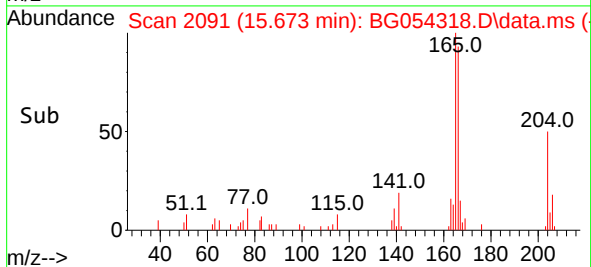
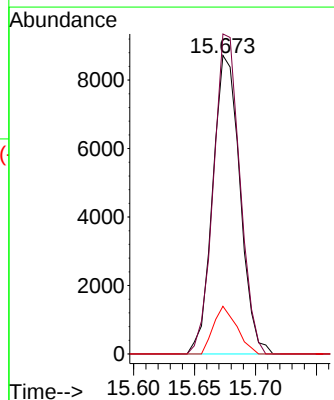
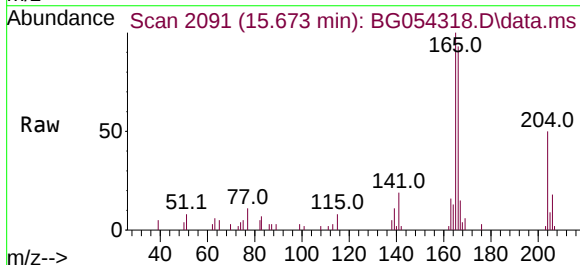
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

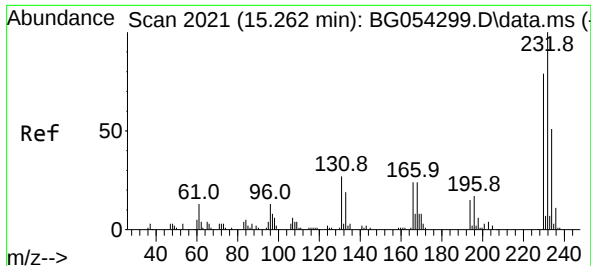
Tgt Ion:165	Resp:	3940
Ion Ratio	Lower	Upper
165	100	
63	30.1	34.6 52.0#
89	51.9	60.3 90.5#
182	0.0	2.2 3.4#



#58
Fluorene
Concen: 3.812 ng
RT: 15.673 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:166	Resp:	13568
Ion Ratio	Lower	Upper
166	100	
165	107.2	75.0 112.6
167	16.0	10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.855 ng

RT: 15.262 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BG054318.D

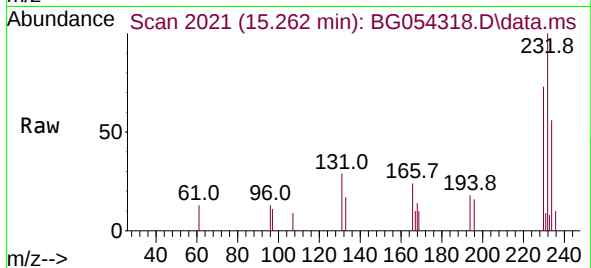
Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion:232 Resp: 3538

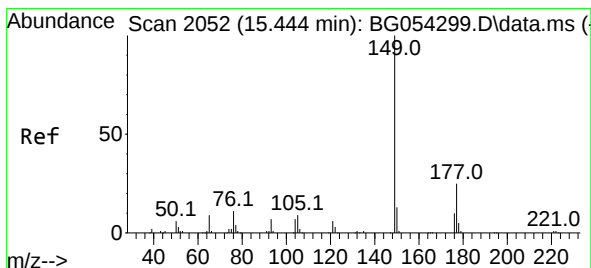
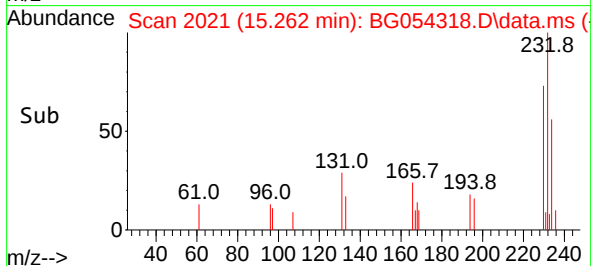
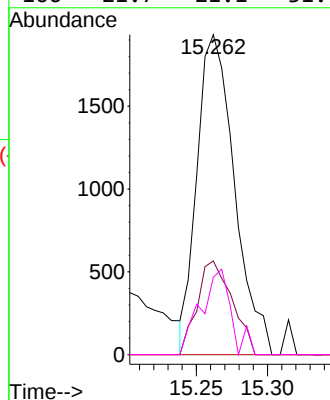
Ion Ratio Lower Upper

232 100

131 27.4 30.6 46.0#

130 0.0 1.8 2.8#

166 21.7 21.1 31.7



#60

Diethylphthalate

Concen: 3.725 ng

RT: 15.438 min Scan# 2051

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

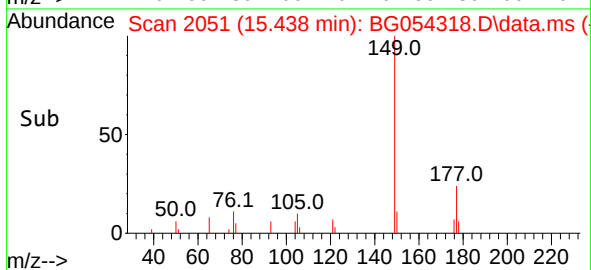
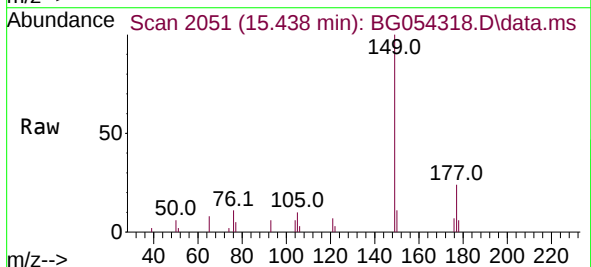
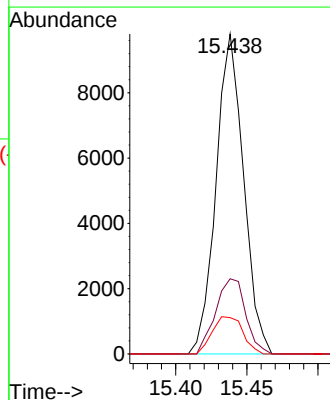
Tgt Ion:149 Resp: 13183

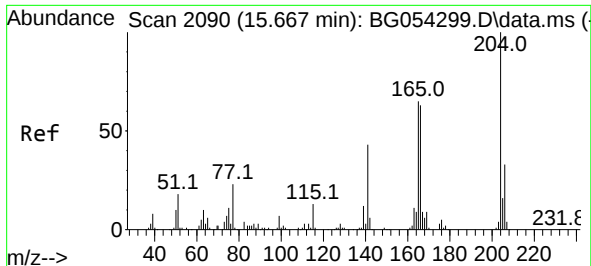
Ion Ratio Lower Upper

149 100

177 23.5 18.4 27.6

150 11.4 11.2 16.8

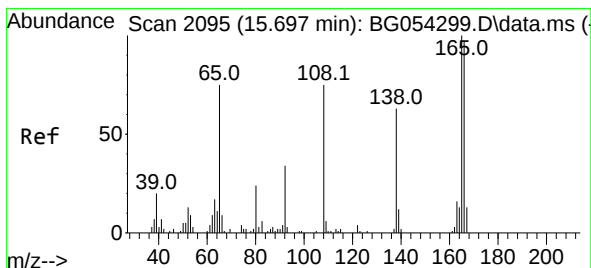
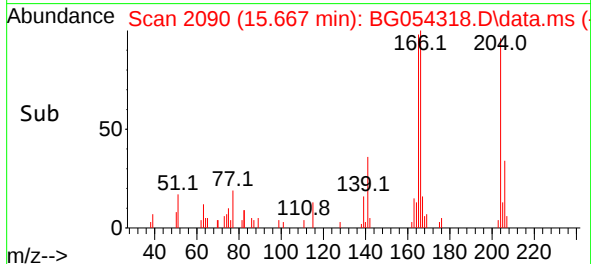
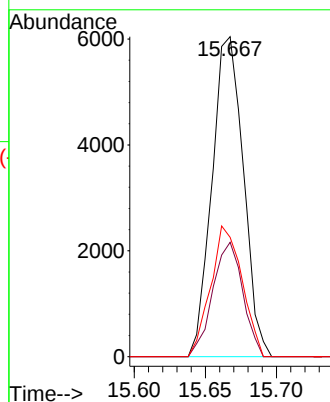
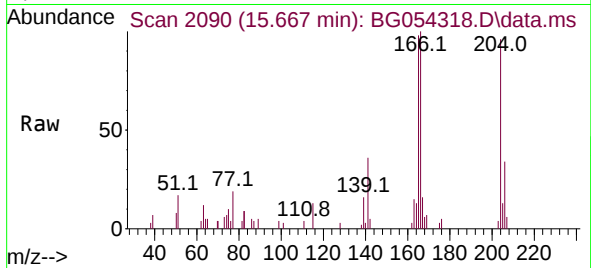




#61
4-Chlorophenyl-phenylether
Concen: 3.967 ng
RT: 15.667 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

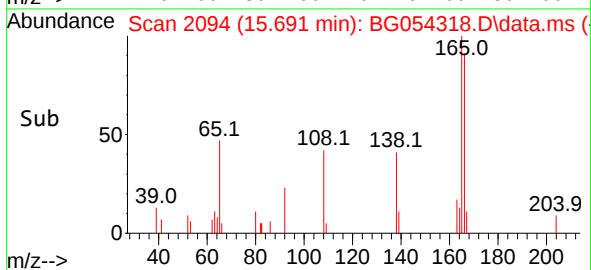
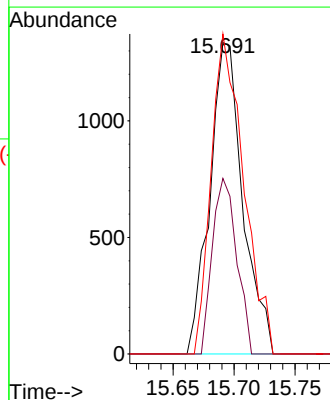
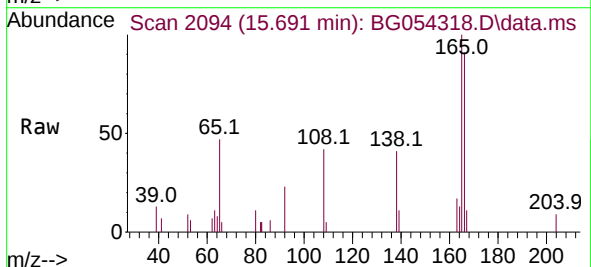
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

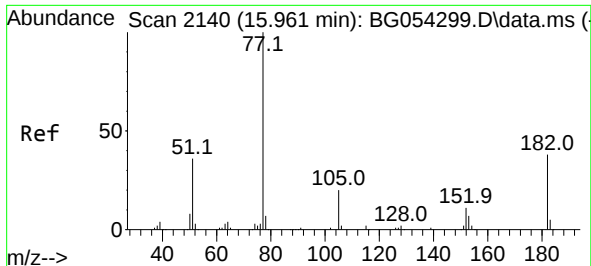
Tgt Ion:204 Resp: 9268
Ion Ratio Lower Upper
204 100
206 35.7 27.5 41.3
141 37.3 45.3 67.9#



#62
4-Nitroaniline
Concen: 3.540 ng
RT: 15.691 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:138 Resp: 2517
Ion Ratio Lower Upper
138 100
92 56.4 40.5 80.5
108 102.8 103.7 143.7#

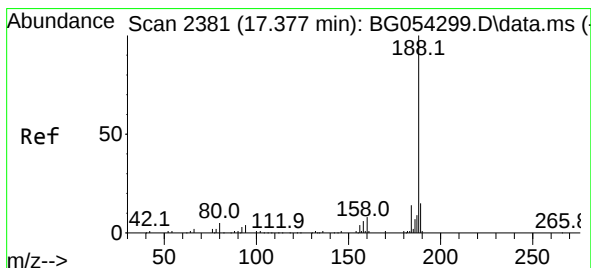
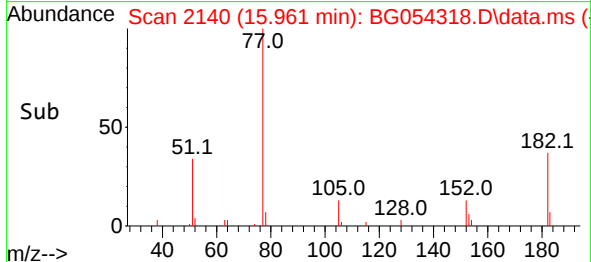
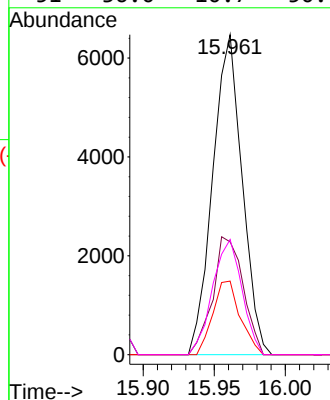
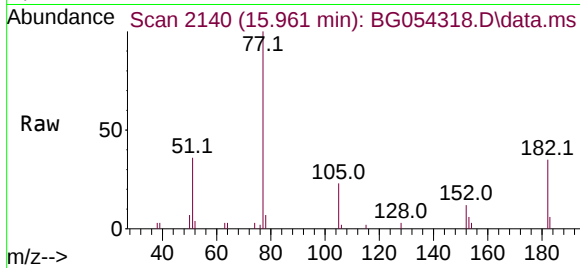




#63
Azobenzene
Concen: 3.640 ng
RT: 15.961 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

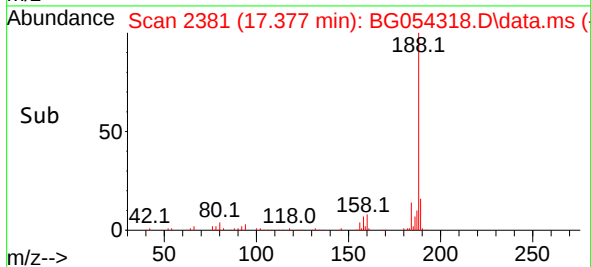
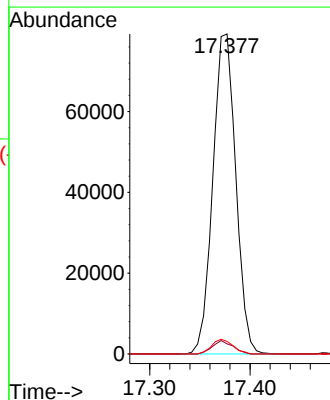
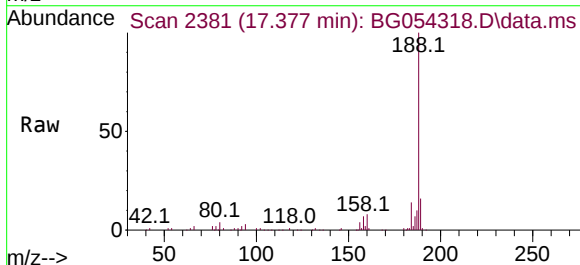
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

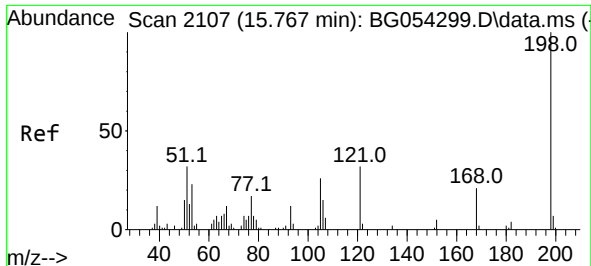
Tgt Ion: 77	Resp: 9308
Ion Ratio	Lower Upper
77 100	
182 35.3	3.8 43.8
105 23.0	0.0 37.8
51 36.0	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.377 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:188	Resp:	125710	
Ion Ratio	Lower	Upper	
188 100			
94 3.2	5.4	8.0#	
80 3.9	6.8	10.2#	

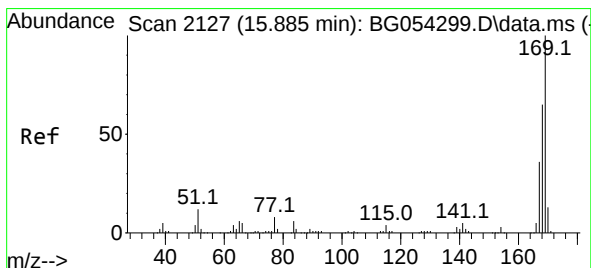
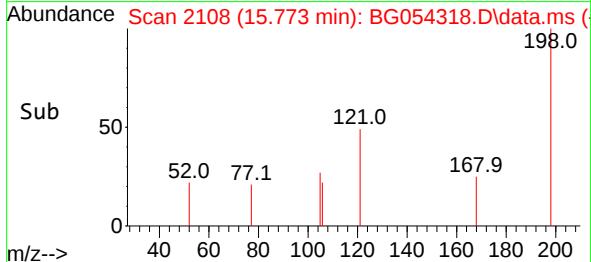
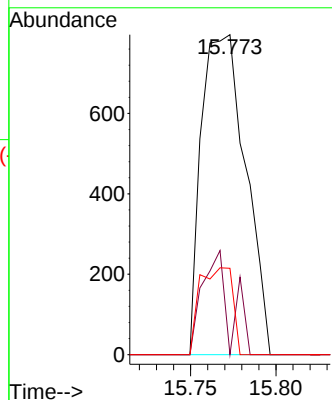
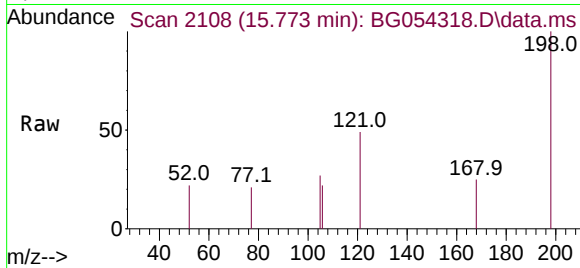




#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.844 ng
 RT: 15.773 min Scan# 2108
 Delta R.T. 0.006 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

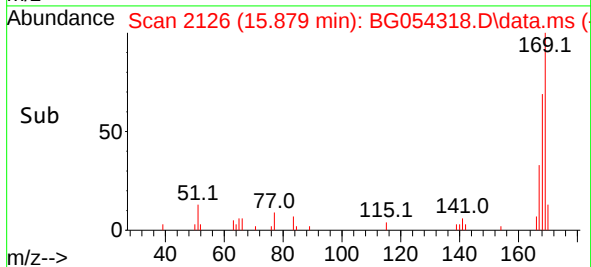
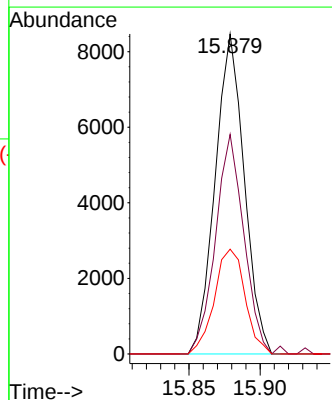
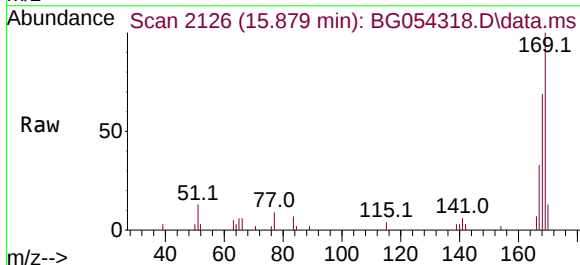
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

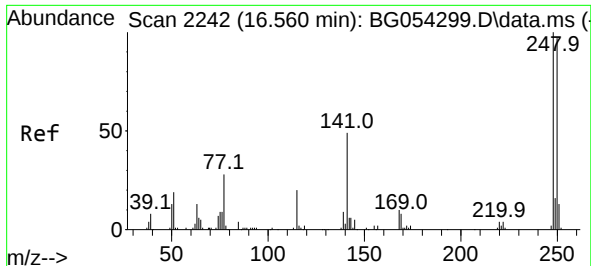
Tgt Ion:198 Resp: 1432
 Ion Ratio Lower Upper
 198 100
 51 0.0 28.1 68.1#
 105 27.0 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 3.837 ng
 RT: 15.879 min Scan# 2126
 Delta R.T. -0.006 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

Tgt Ion:169 Resp: 12042
 Ion Ratio Lower Upper
 169 100
 168 68.6 55.9 83.9
 167 32.8 30.6 46.0

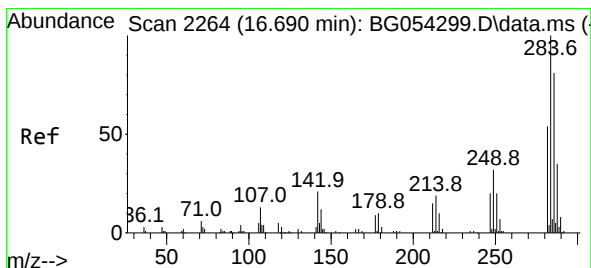
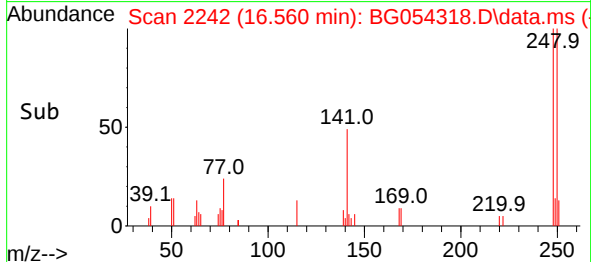
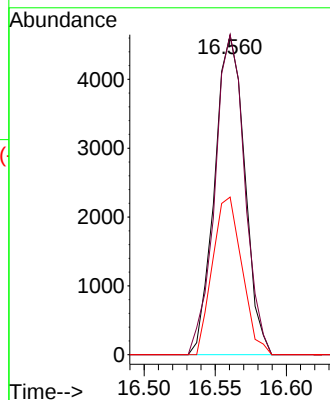
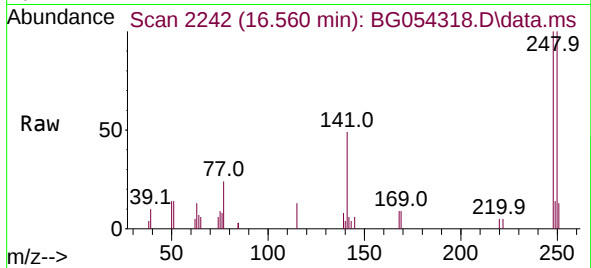




#67
4-Bromophenyl-phenylether
Concen: 3.868 ng
RT: 16.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

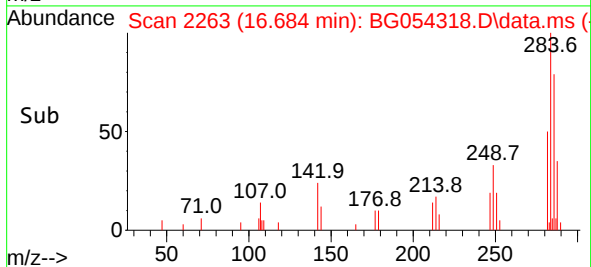
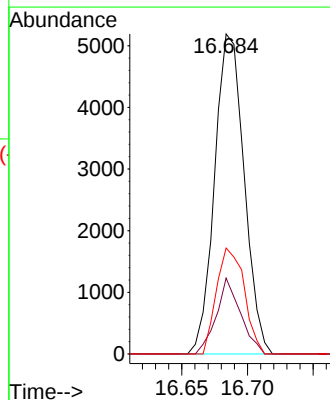
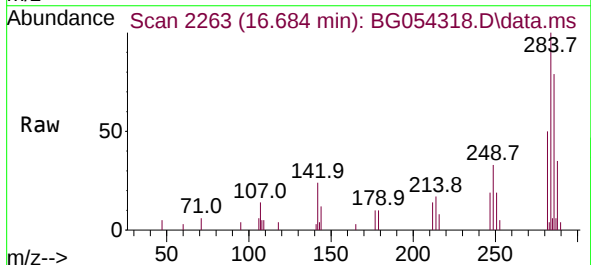
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

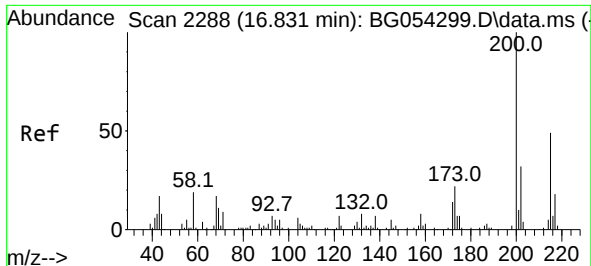
Tgt Ion:248 Resp: 6829
Ion Ratio Lower Upper
248 100
250 100.2 75.2 112.8
141 49.4 50.0 75.0#



#68
Hexachlorobenzene
Concen: 4.020 ng
RT: 16.684 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:284 Resp: 8116
Ion Ratio Lower Upper
284 100
142 23.7 23.6 35.4
249 33.1 25.8 38.6

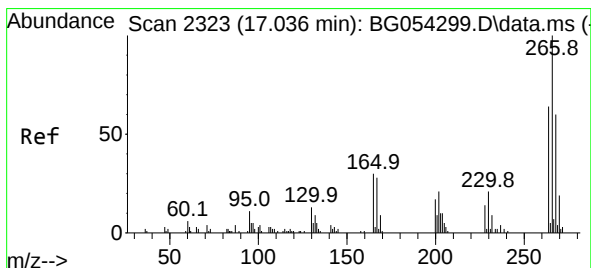
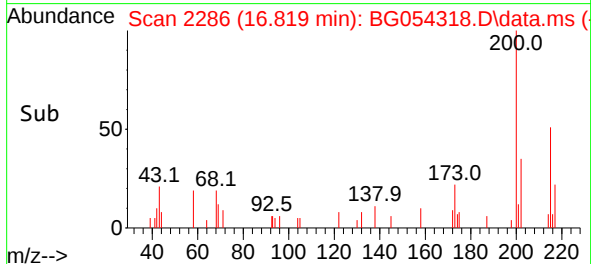
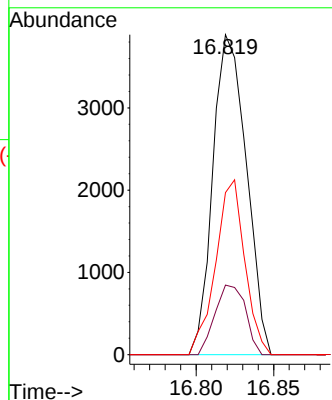
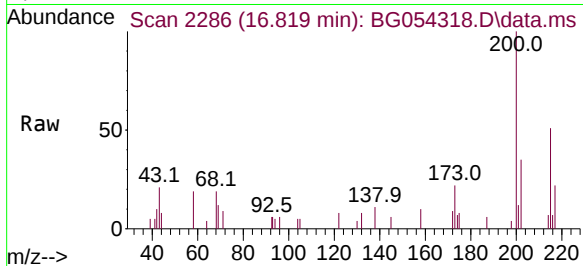




#69
 Atrazine
 Concen: 4.176 ng
 RT: 16.819 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

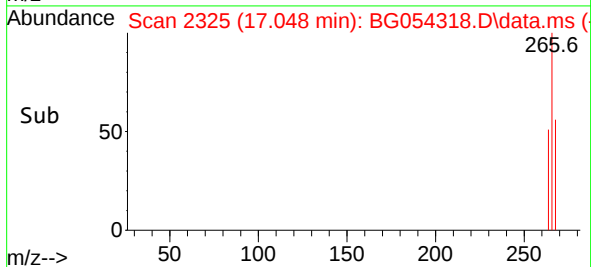
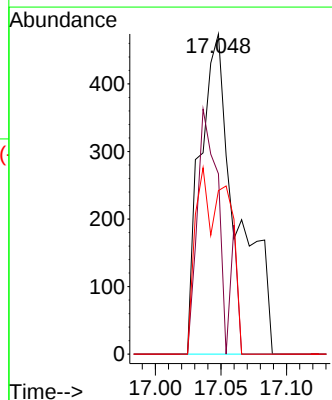
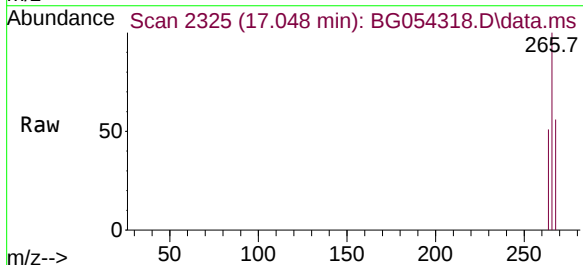
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

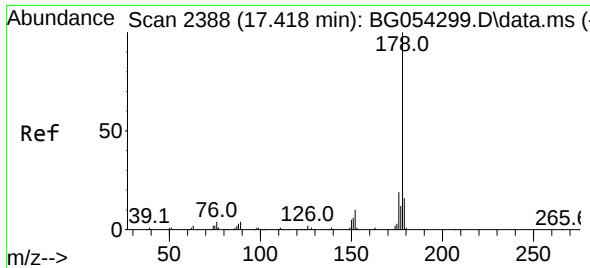
Tgt Ion:200 Resp: 5833
 Ion Ratio Lower Upper
 200 100
 173 21.7 3.7 43.7
 215 50.7 25.2 65.2



#70
 Pentachlorophenol
 Concen: 1.184 ng
 RT: 17.048 min Scan# 2325
 Delta R.T. 0.012 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

Tgt Ion:266 Resp: 935
 Ion Ratio Lower Upper
 266 100
 268 56.3 56.2 84.2
 264 51.1 53.0 79.4#

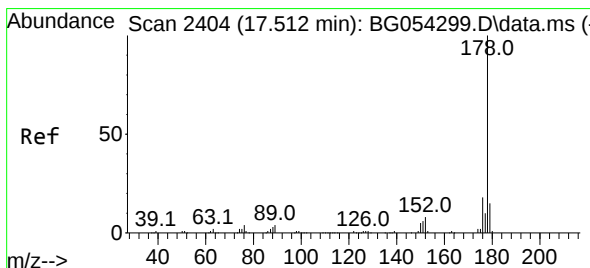
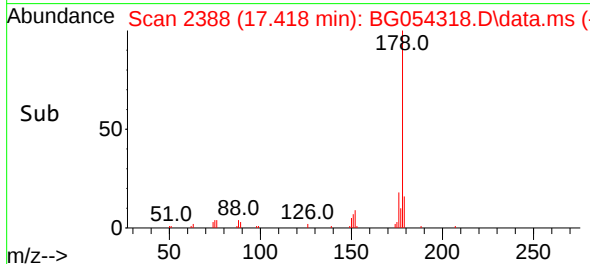
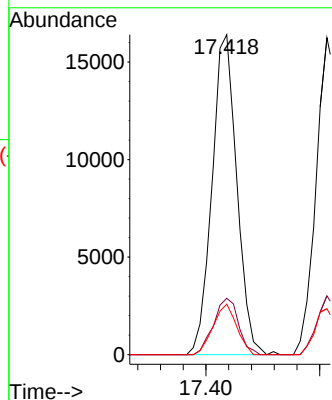
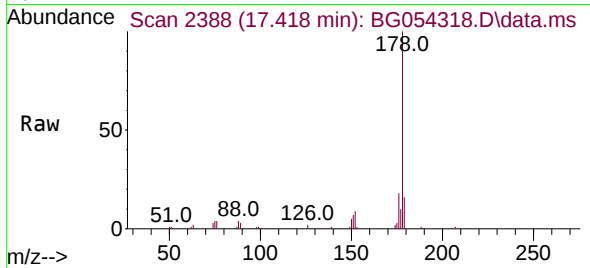




#71
Phenanthrene
Concen: 3.956 ng
RT: 17.418 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

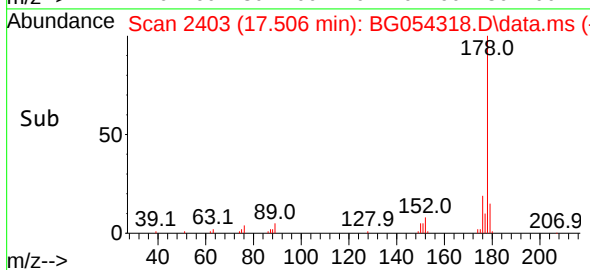
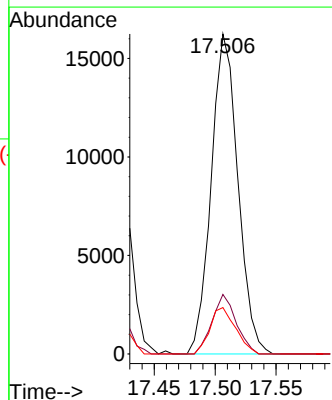
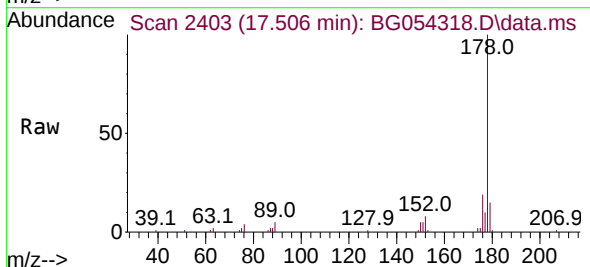
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

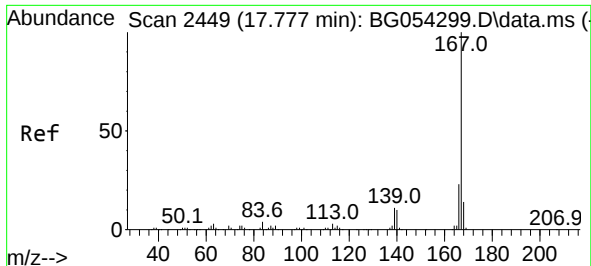
Tgt Ion:178 Resp: 24768
Ion Ratio Lower Upper
178 100
176 17.6 14.1 21.1
179 15.8 12.1 18.1



#72
Anthracene
Concen: 4.026 ng
RT: 17.506 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:178 Resp: 24734
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 14.5 13.0 19.4

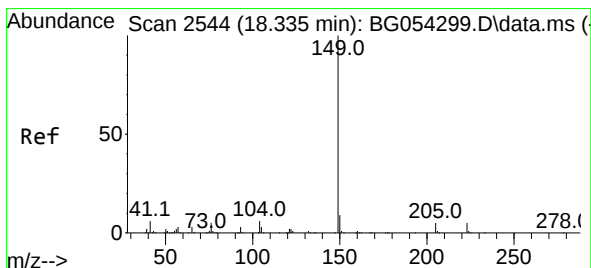
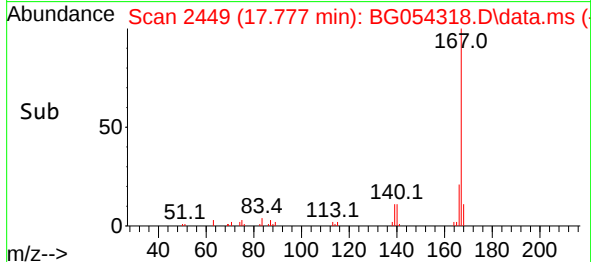
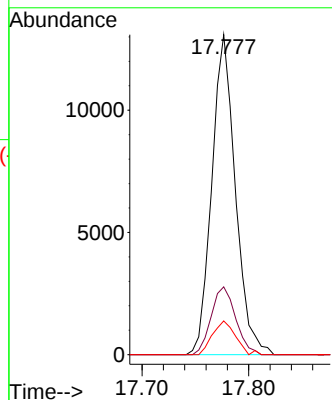
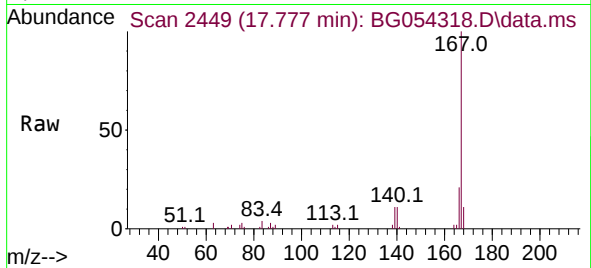




#73
 Carbazole
 Concen: 3.966 ng
 RT: 17.777 min Scan# 2449
 Delta R.T. 0.000 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

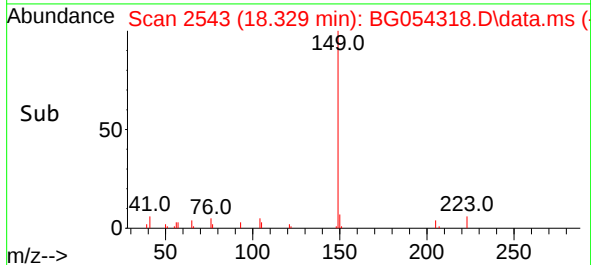
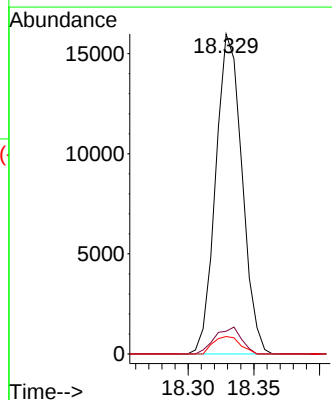
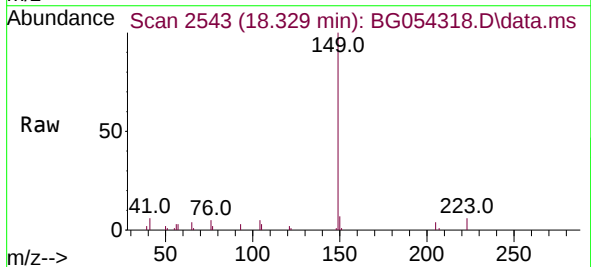
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

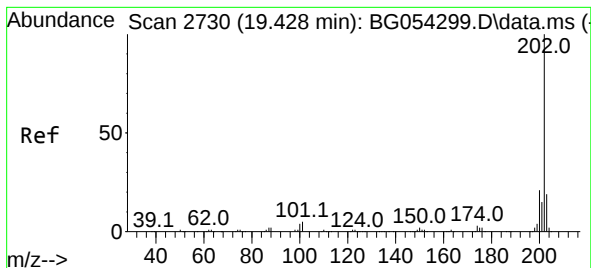
Tgt Ion:	167	Resp:	20058
Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.2	27.2
139	10.6	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 3.729 ng
 RT: 18.329 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

Tgt Ion:	149	Resp:	22259
Ion	Ratio	Lower	Upper
149	100		
150	7.1	7.7	11.5
104	5.4	5.4	8.0





#75

Fluoranthene

Concen: 4.010 ng

RT: 19.428 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

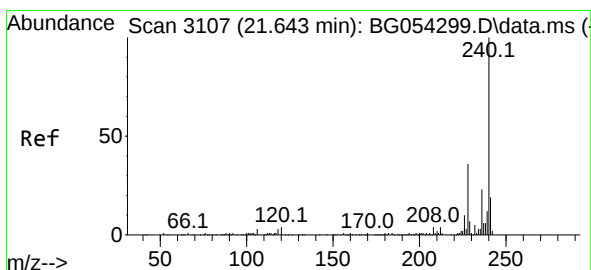
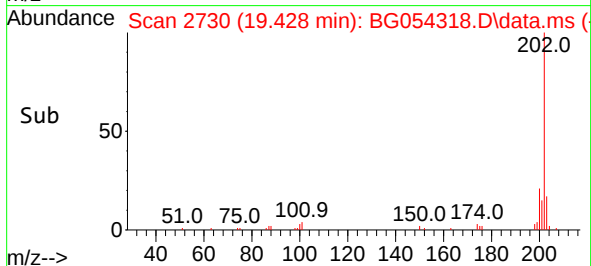
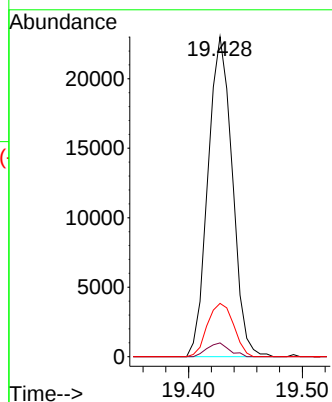
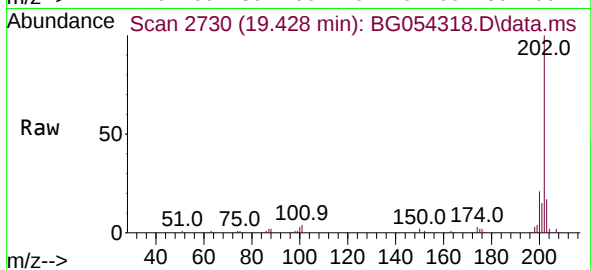
Tgt Ion:202 Resp: 34224

Ion Ratio Lower Upper

202 100

101 4.3 0.0 26.9

203 16.6 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.637 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

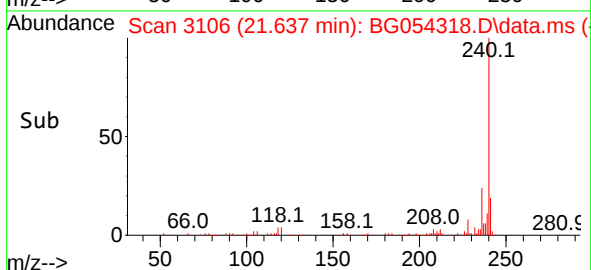
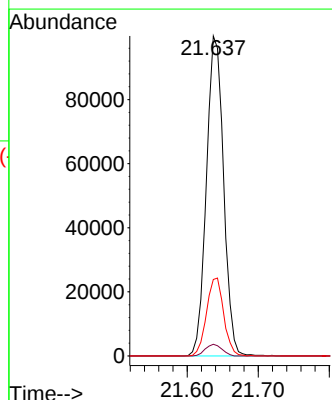
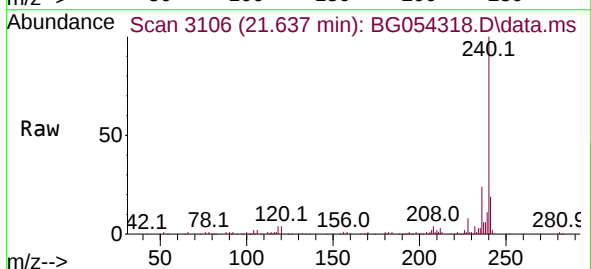
Tgt Ion:240 Resp: 167565

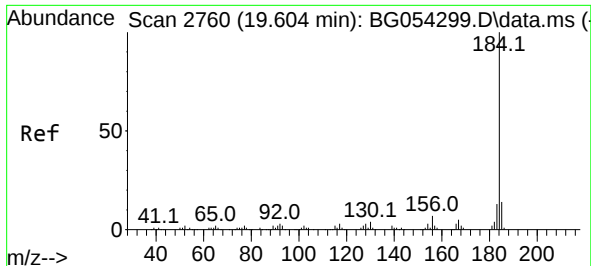
Ion Ratio Lower Upper

240 100

120 3.6 4.6 7.0#

236 23.9 20.2 30.4

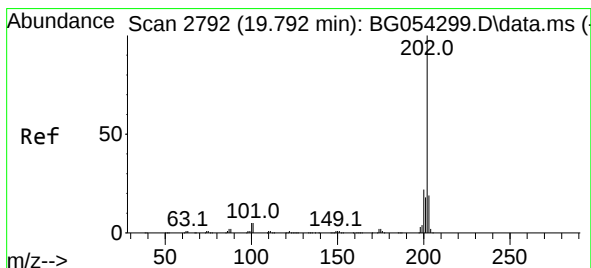
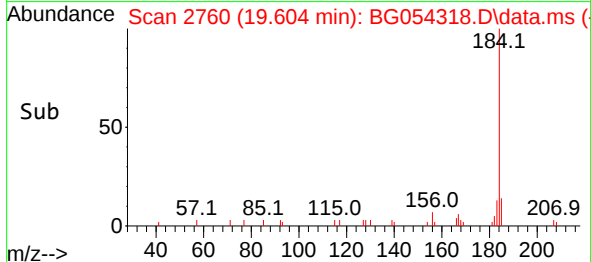
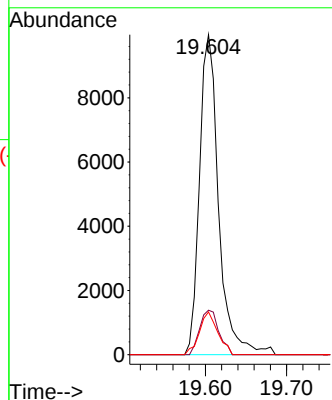
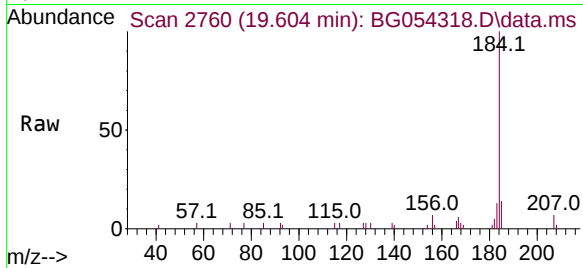




#77
Benzidine
Concen: 5.375 ng
RT: 19.604 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

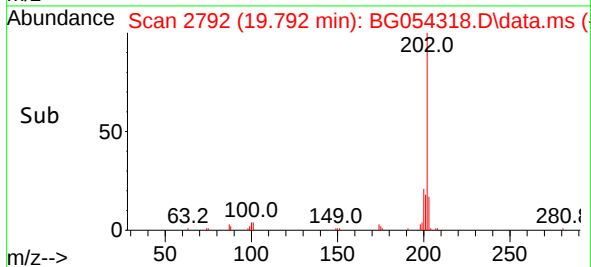
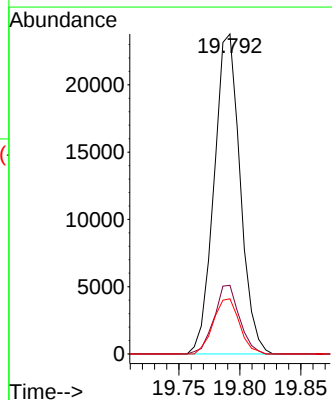
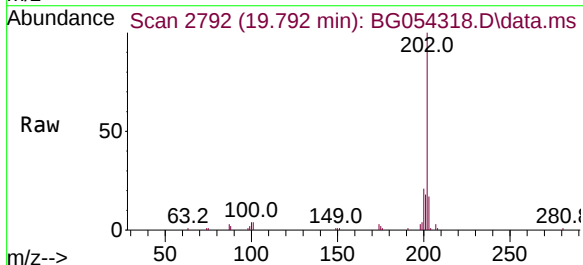
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

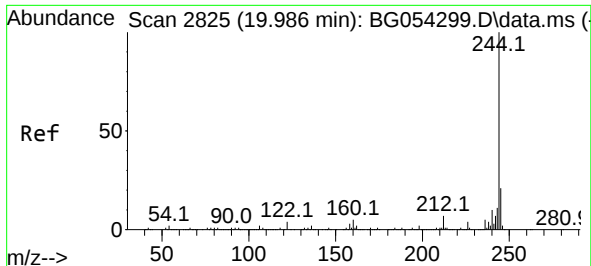
Tgt Ion:184 Resp: 16313
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.6
183 13.3 8.9 13.3#



#78
Pyrene
Concen: 3.679 ng
RT: 19.792 min Scan# 2792
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:202 Resp: 35373
Ion Ratio Lower Upper
202 100
200 21.5 16.6 24.8
203 17.3 14.6 21.8

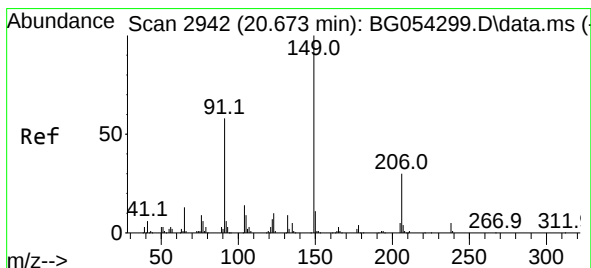
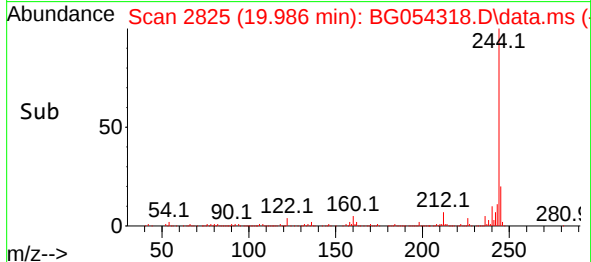
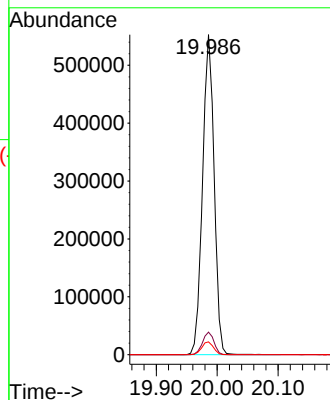
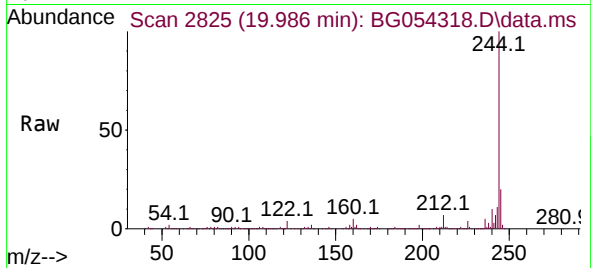




#79
 Terphenyl-d14
 Concen: 86.354 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

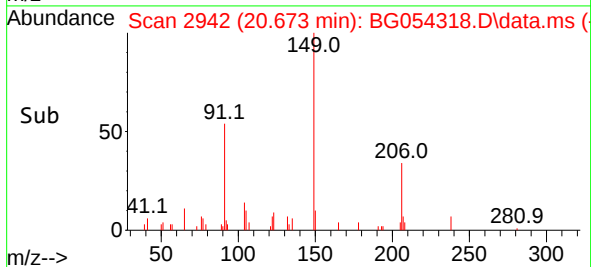
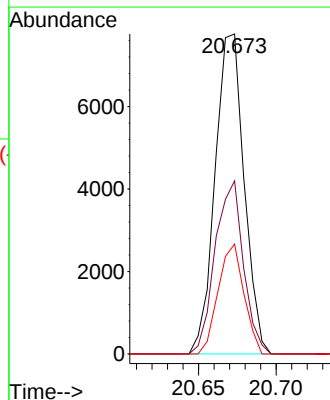
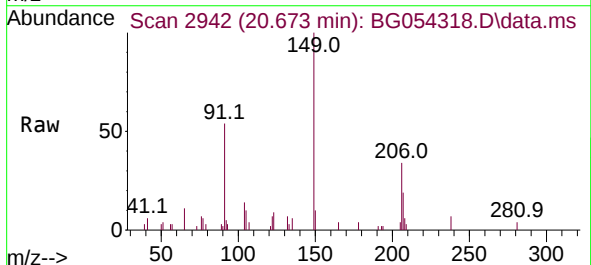
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

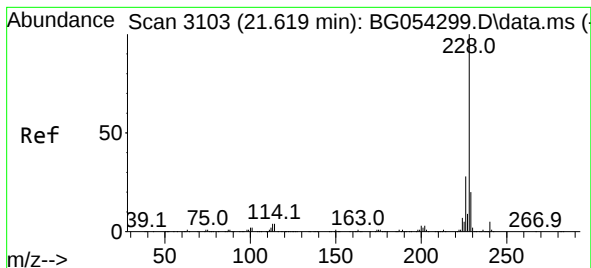
Tgt Ion:244 Resp: 729402
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.0 5.0 7.4#



#80
 Butylbenzylphthalate
 Concen: 3.375 ng
 RT: 20.673 min Scan# 2942
 Delta R.T. 0.000 min
 Lab File: BG054318.D
 Acq: 19 Jul 2022 14:56

Tgt Ion:149 Resp: 10112
 Ion Ratio Lower Upper
 149 100
 91 54.1 59.6 89.4#
 206 34.4 18.6 28.0#





#81

Benzo(a)anthracene

Concen: 3.800 ng

RT: 21.619 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

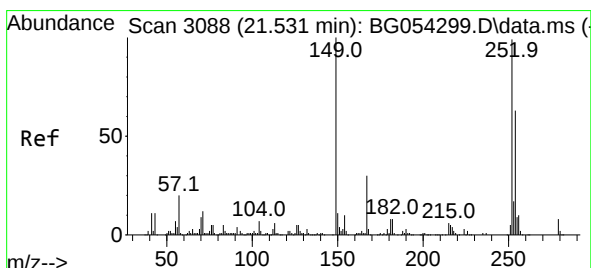
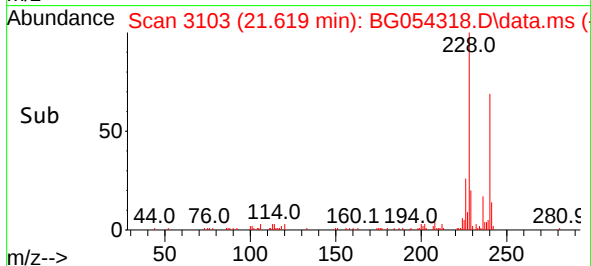
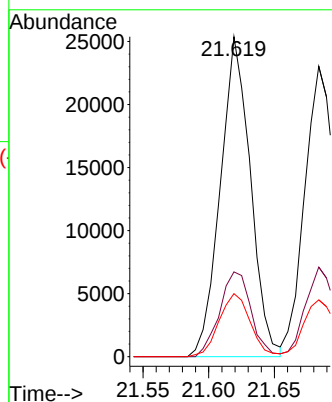
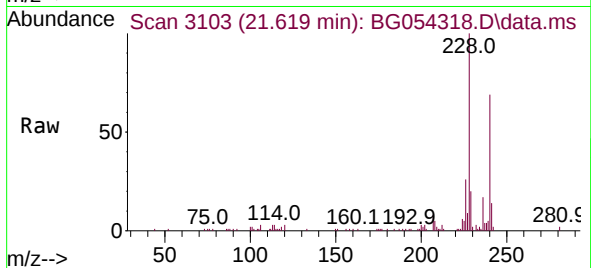
Tgt Ion:228 Resp: 40425

Ion Ratio Lower Upper

228 100

226 26.5 21.6 32.4

229 19.7 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 4.610 ng

RT: 21.531 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

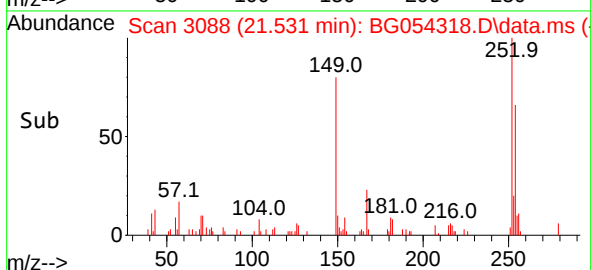
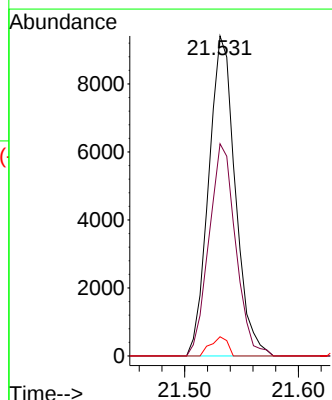
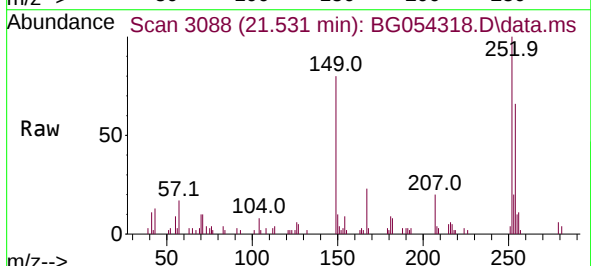
Tgt Ion:252 Resp: 15250

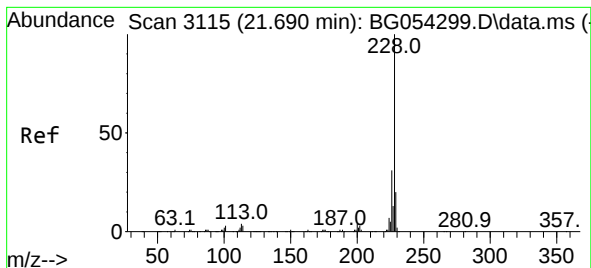
Ion Ratio Lower Upper

252 100

254 66.3 49.8 74.8

126 6.0 6.0 9.0#





#83

Chrysene

Concen: 3.754 ng

RT: 21.684 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

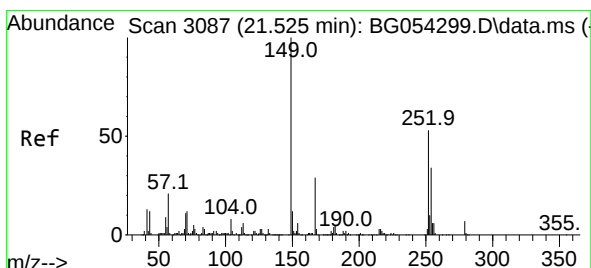
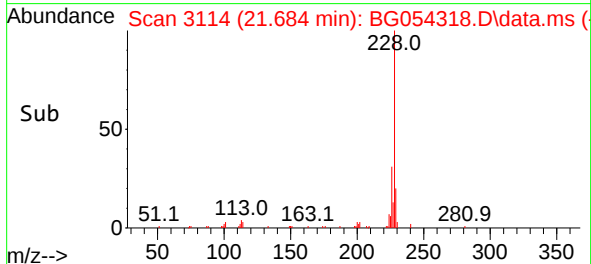
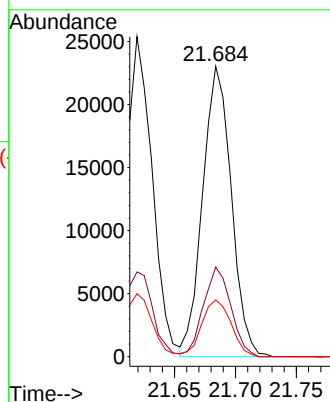
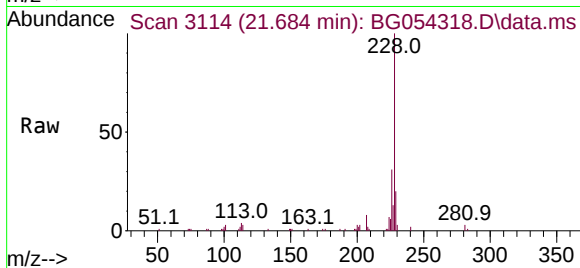
Tgt Ion:228 Resp: 37721

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

229 19.6 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.451 ng

RT: 21.525 min Scan# 3087

Delta R.T. 0.000 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

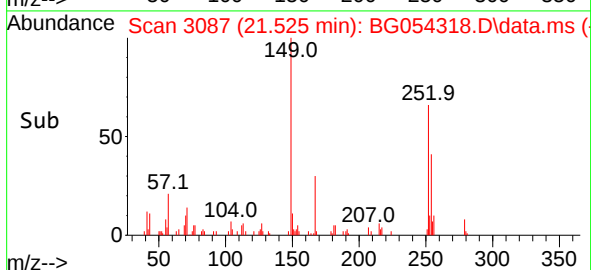
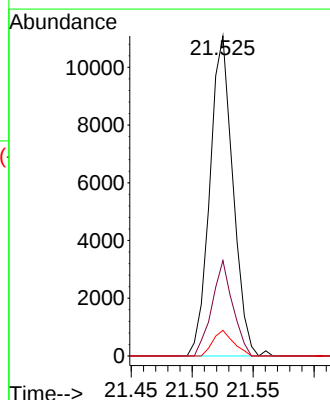
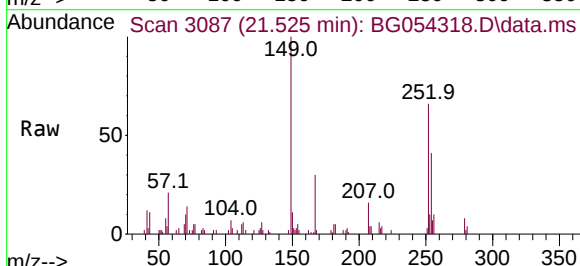
Tgt Ion:149 Resp: 14630

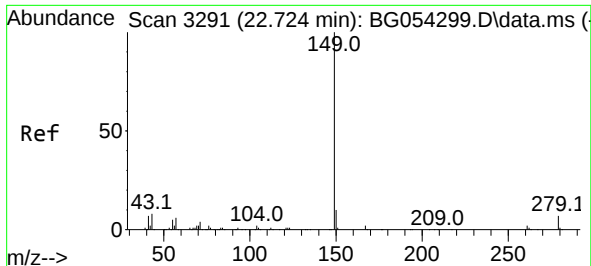
Ion Ratio Lower Upper

149 100

167 29.8 20.2 30.4

279 8.0 3.6 5.4

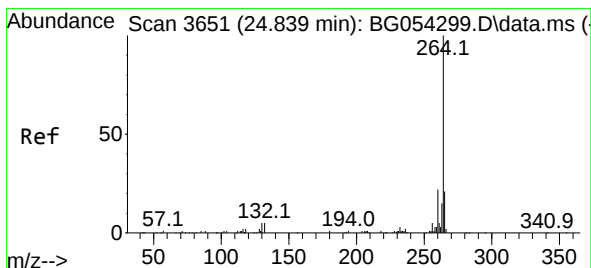
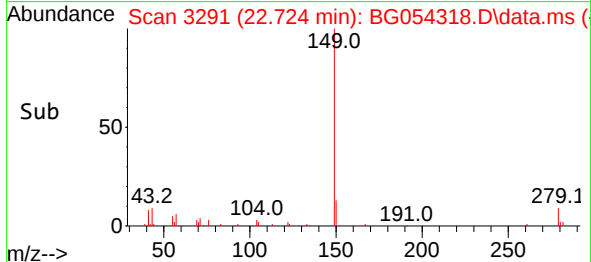
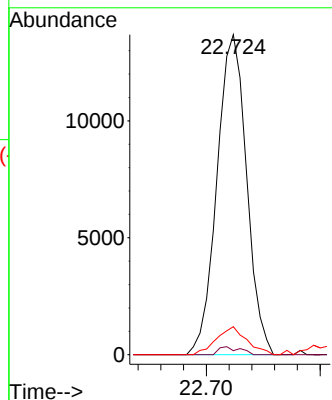
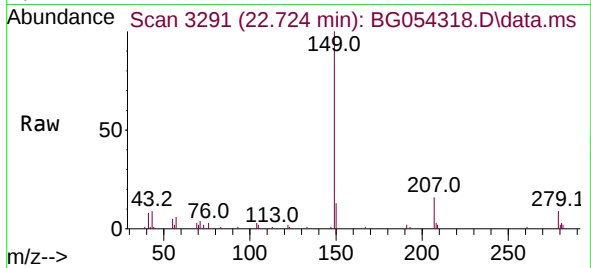




#85
Di-n-octyl phthalate
Concen: 3.422 ng
RT: 22.724 min Scan# 3291
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

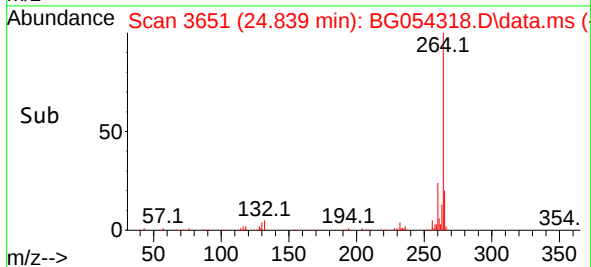
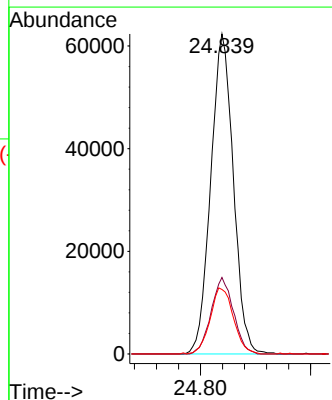
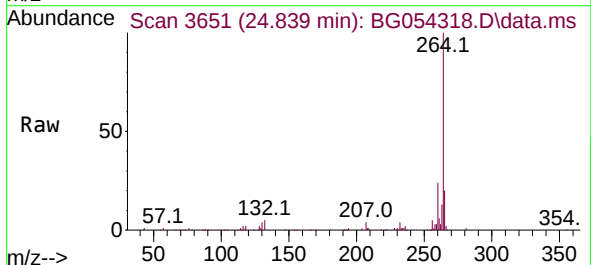
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

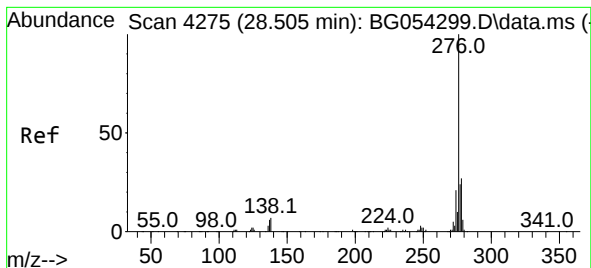
Tgt Ion:149 Resp: 24754
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.9 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.839 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:264 Resp: 177455
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 20.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.621 ng

RT: 28.493 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

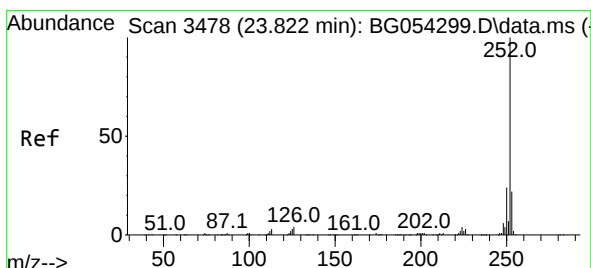
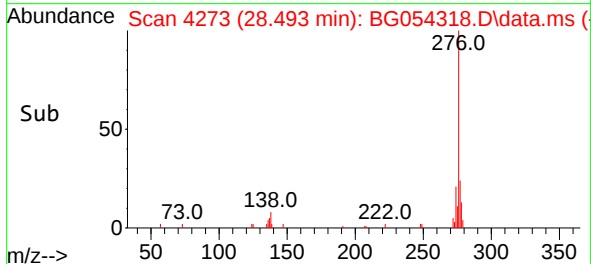
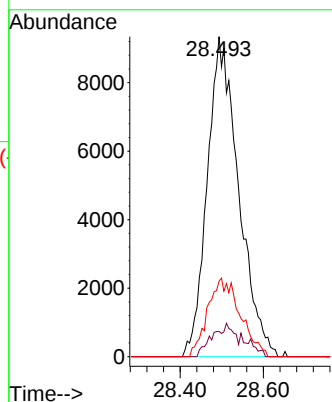
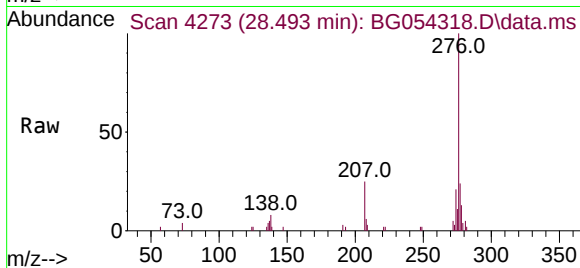
Tgt Ion:276 Resp: 48888

Ion Ratio Lower Upper

276 100

138 3.7 5.0 7.4#

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 3.817 ng

RT: 23.817 min Scan# 3477

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

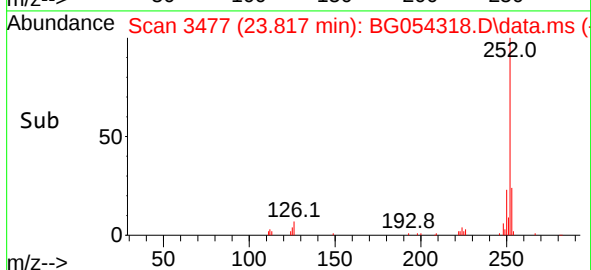
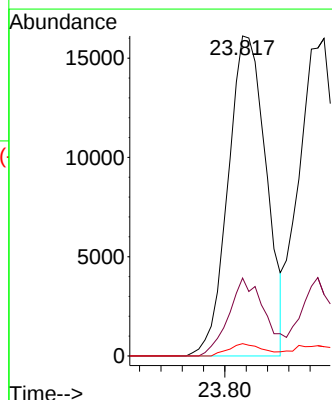
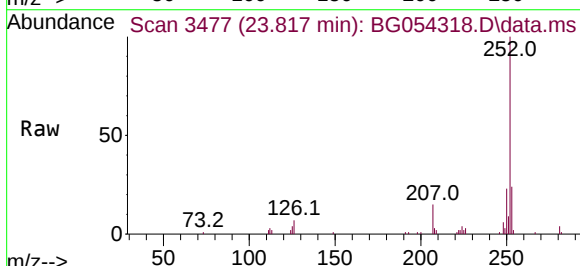
Tgt Ion:252 Resp: 40056

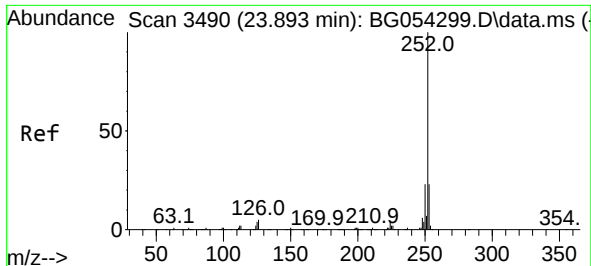
Ion Ratio Lower Upper

252 100

253 24.3 18.0 27.0

125 3.8 4.6 6.8#

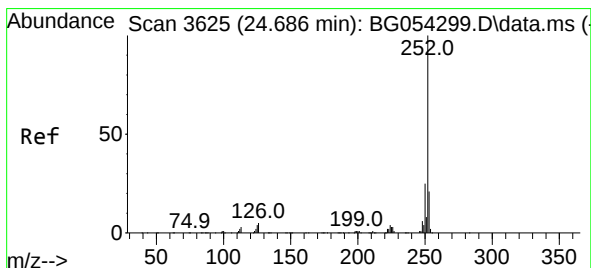
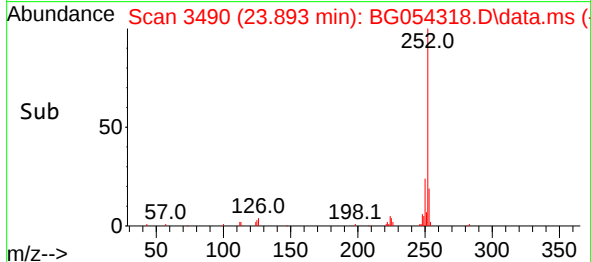
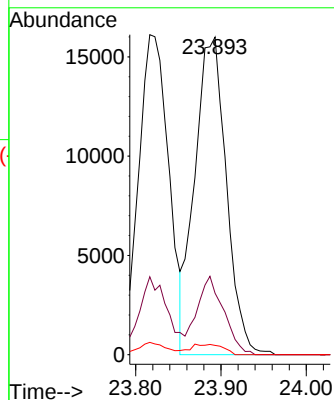
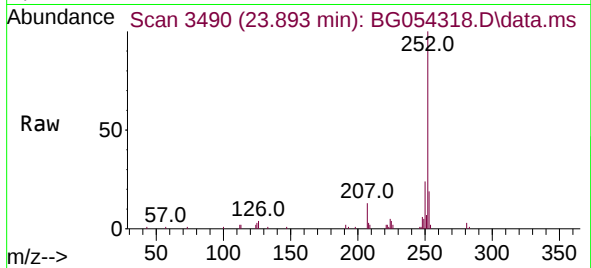




#89
Benzo(k)fluoranthene
Concen: 3.940 ng
RT: 23.893 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

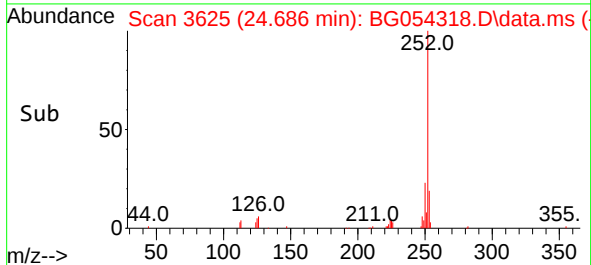
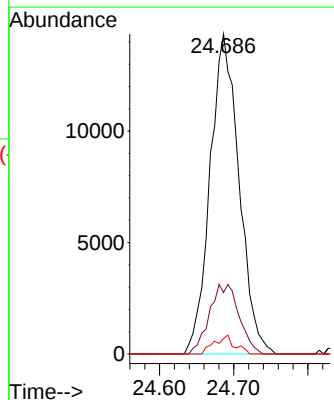
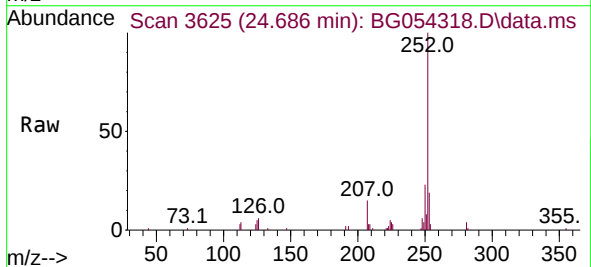
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2022

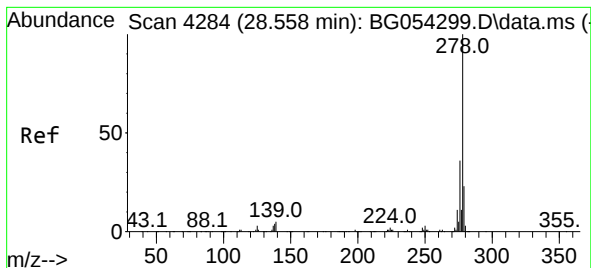
Tgt Ion:252 Resp: 41148
Ion Ratio Lower Upper
252 100
253 19.3 18.4 27.6
125 2.9 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 4.348 ng
RT: 24.686 min Scan# 3625
Delta R.T. 0.000 min
Lab File: BG054318.D
Acq: 19 Jul 2022 14:56

Tgt Ion:252 Resp: 38968
Ion Ratio Lower Upper
252 100
253 19.2 17.8 26.8
125 4.8 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 3.865 ng

RT: 28.552 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2022

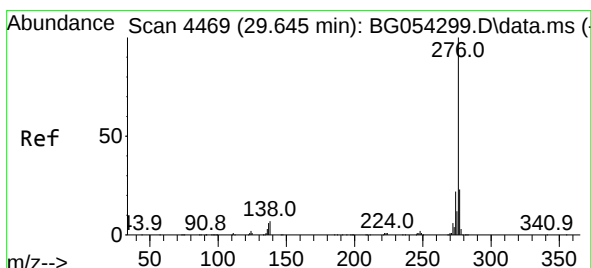
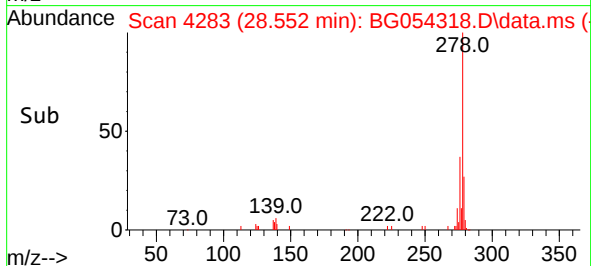
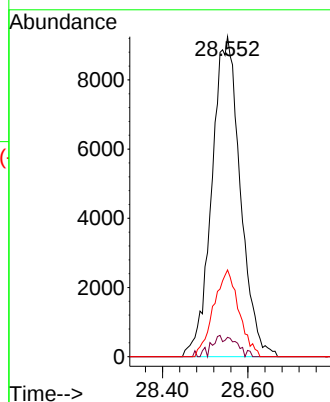
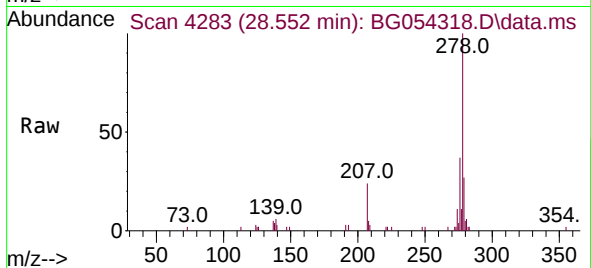
Tgt Ion:278 Resp: 42902

Ion Ratio Lower Upper

278 100

139 9.0 7.2 10.8

279 27.1 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 3.718 ng

RT: 29.639 min Scan# 4468

Delta R.T. -0.006 min

Lab File: BG054318.D

Acq: 19 Jul 2022 14:56

Tgt Ion:276 Resp: 40732

Ion Ratio Lower Upper

276 100

277 27.4 17.3 25.9#

138 6.8 9.6 14.4#

