

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031722\
 Data File : BG052687.D
 Acq On : 17 Mar 2022 11:32
 Operator : CG/JU
 Sample : N1645-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 17 12:13:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 12:13:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	42127	20.000	ng	0.00
21) Naphthalene-d8	10.966	136	183674	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	132699	20.000	ng	0.00
64) Phenanthrene-d10	17.516	188	308903	20.000	ng	0.00
76) Chrysene-d12	21.804	240	335152	20.000	ng	0.00
86) Perylene-d12	25.123	264	343837	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.708	112	340157	140.619	ng	0.00
7) Phenol-d6	7.300	99	507036	139.033	ng	0.00
23) Nitrobenzene-d5	9.315	82	287579	78.583	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	220938	123.905	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	658951	73.237	ng	0.00
79) Terphenyl-d14	20.118	244	1315411	69.817	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.600	88	8594	7.102	ng	90
3) Pyridine	4.005	79	22745	7.333	ng	# 86
4) n-Nitrosodimethylamine	3.911	42	9276	6.741	ng	# 78
6) Aniline	7.471	93	34099	7.974	ng	95
8) 2-Chlorophenol	7.712	128	18312	7.204	ng	90
9) Benzaldehyde	7.289	77	21334	9.524	ng	98
10) Phenol	7.324	94	24850	6.903	ng	# 73
11) bis(2-Chloroethyl)ether	7.565	93	20402	7.505	ng	90
12) 1,3-Dichlorobenzene	8.187	146	23267	7.603	ng	96
13) 1,4-Dichlorobenzene	8.041	146	22346	7.267	ng	93
14) 1,2-Dichlorobenzene	8.511	146	19848	6.825	ng	88
15) Benzyl Alcohol	8.381	79	21605	7.036	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	35164	7.427	ng	97
17) 2-Methylphenol	8.581	107	17252	7.189	ng	94
18) Hexachloroethane	9.245	117	8658	7.675	ng	86
19) n-Nitroso-di-n-propyla...	8.957	70	18422	7.132	ng	# 87
20) 3+4-Methylphenols	8.910	107	23707	7.059	ng	87
22) Acetophenone	8.975	105	35784	7.528	ng	# 94
24) Nitrobenzene	9.351	77	27985	7.643	ng	# 89
25) Isophorone	9.885	82	51862	7.319	ng	98
26) 2-Nitrophenol	10.073	139	8432	6.631	ng	94
27) 2,4-Dimethylphenol	10.120	122	21069	8.099	ng	96
28) bis(2-Chloroethoxy)met...	10.355	93	28973	6.915	ng	# 93
29) 2,4-Dichlorophenol	10.602	162	18911	6.460	ng	92
30) 1,2,4-Trichlorobenzene	10.831	180	23520	6.811	ng	# 89
31) Naphthalene	11.019	128	69540	7.321	ng	97
32) Benzoic acid	10.185	122	8530	4.879	ng	# 85
33) 4-Chloroaniline	11.113	127	29492	7.326	ng	# 87
34) Hexachlorobutadiene	11.313	225	16573	6.694	ng	95
35) Caprolactam	11.865	113	5151	6.444	ng	# 88
36) 4-Chloro-3-methylphenol	12.217	107	21695	6.382	ng	96
37) 2-Methylnaphthalene	12.611	142	50705	7.290	ng	99
38) 1-Methylnaphthalene	12.828	142	47999	7.071	ng	100
40) 1,2,4,5-Tetrachloroben...	12.975	216	29642	7.150	ng	99
41) Hexachlorocyclopentadiene	12.963	237	19448	7.914	ng	96
43) 2,4,6-Trichlorophenol	13.210	196	16791	6.324	ng	94

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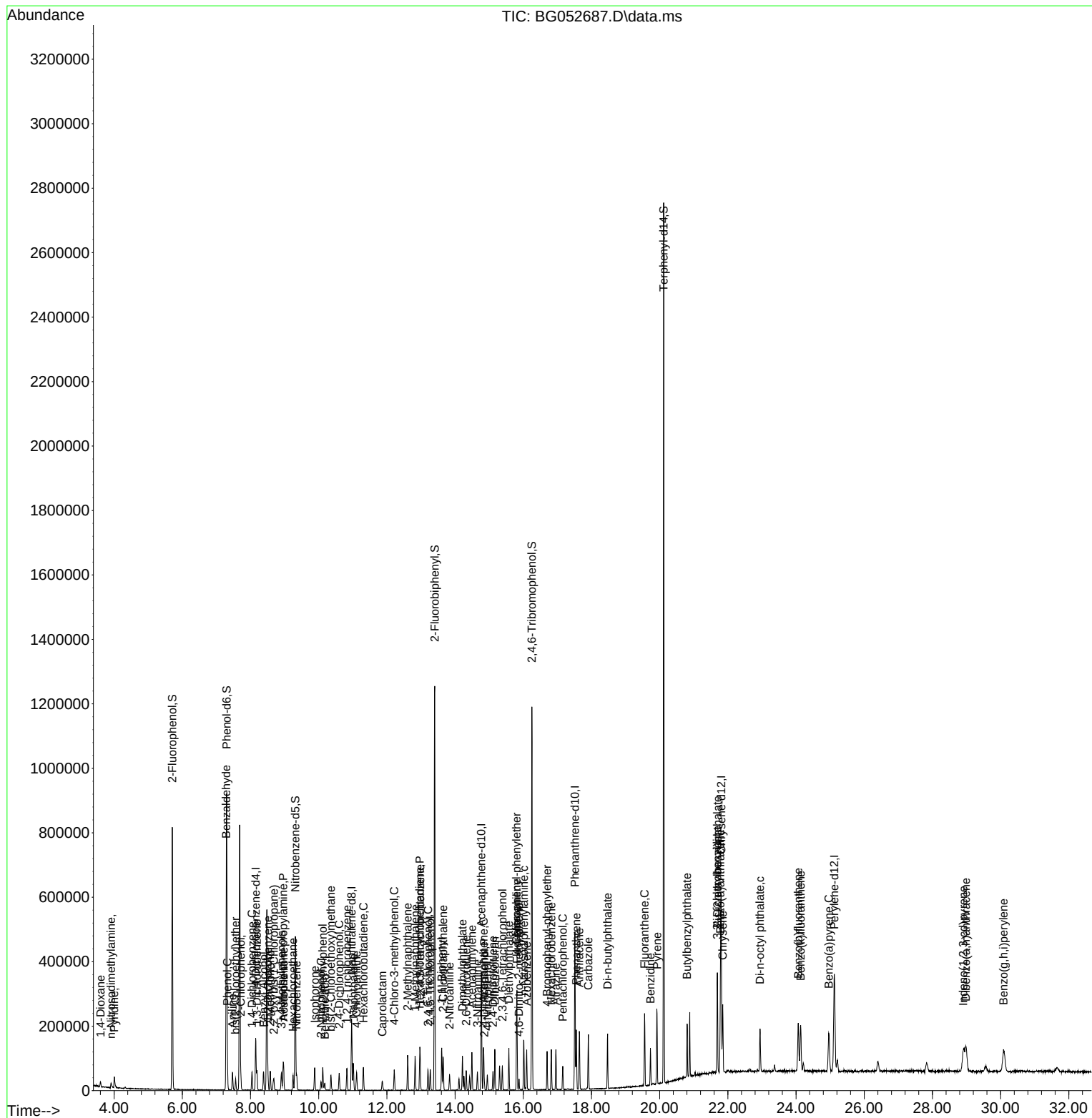
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.275	196	18525	6.874	ng	# 91
46) 1,1'-Biphenyl	13.610	154	67792	7.305	ng	95
47) 2-Chloronaphthalene	13.651	162	53636	7.339	ng	97
48) 2-Nitroaniline	13.839	65	13102	6.555	ng	96
49) Acenaphthylene	14.497	152	88632	7.608	ng	98
50) Dimethylphthalate	14.215	163	66358	6.728	ng	97
51) 2,6-Dinitrotoluene	14.326	165	12231	7.345	ng	93
52) Acenaphthene	14.837	154	51171	6.856	ng	97
53) 3-Nitroaniline	14.655	138	12502	6.416	ng	# 94
54) 2,4-Dinitrophenol	14.861	184	5485	6.043	ng	# 66
55) Dibenzofuran	15.166	168	83587	6.858	ng	99
56) 4-Nitrophenol	14.949	139	10516	6.616	ng	98
57) 2,4-Dinitrotoluene	15.113	165	14835	6.421	ng	# 83
58) Fluorene	15.818	166	69989	7.045	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.389	232	17364	6.028	ng	96
60) Diethylphthalate	15.577	149	67952	6.527	ng	98
61) 4-Chlorophenyl-phenyle...	15.807	204	36690	6.696	ng	97
62) 4-Nitroaniline	15.812	138	14031	6.815	ng	89
63) Azobenzene	16.100	77	74513	6.697	ng	96
65) 4,6-Dinitro-2-methylph...	15.871	198	8108	5.888	ng	96
66) n-Nitrosodiphenylamine	16.018	169	61110	7.027	ng	96
67) 4-Bromophenyl-phenylether	16.699	248	23200	6.230	ng	96
68) Hexachlorobenzene	16.823	284	27705	6.921	ng	94
69) Atrazine	16.958	200	23229	7.244	ng	96
70) Pentachlorophenol	17.158	266	14595	5.877	ng	86
71) Phenanthrene	17.557	178	116975	7.078	ng	96
72) Anthracene	17.645	178	120023	7.347	ng	98
73) Carbazole	17.910	167	108118	6.682	ng	99
74) Di-n-butylphthalate	18.474	149	122508	6.931	ng	99
75) Fluoranthene	19.560	202	150979	7.197	ng	99
77) Benzidine	19.731	184	67099	7.762	ng	98
78) Pyrene	19.925	202	157328	6.767	ng	96
80) Butylbenzylphthalate	20.806	149	48972	5.938	ng	96
81) Benzo(a)anthracene	21.781	228	157155	7.003	ng	98
82) 3,3'-Dichlorobenzidine	21.687	252	52628	6.641	ng	100
83) Chrysene	21.851	228	142793	6.768	ng	99
84) Bis(2-ethylhexyl)phtha...	21.693	149	71514	6.376	ng	95
85) Di-n-octyl phthalate	22.944	149	114387	6.127	ng	97
87) Indeno(1,2,3-cd)pyrene	28.906	276	160554	6.822	ng	# 72
88) Benzo(b)fluoranthene	24.066	252	153981	7.213	ng	96
89) Benzo(k)fluoranthene	24.136	252	149921	7.138	ng	99
90) Benzo(a)pyrene	24.959	252	145351	8.043	ng	# 95
91) Dibenzo(a,h)anthracene	28.983	278	142438	7.345	ng	94
92) Benzo(g,h,i)perylene	30.087	276	139150	7.252	ng	# 93

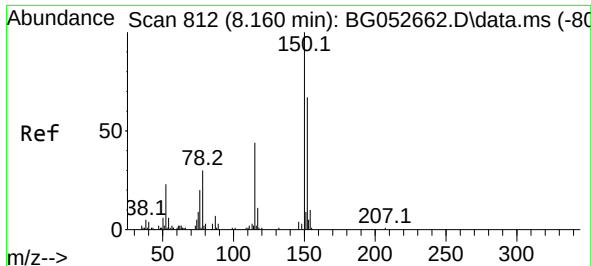
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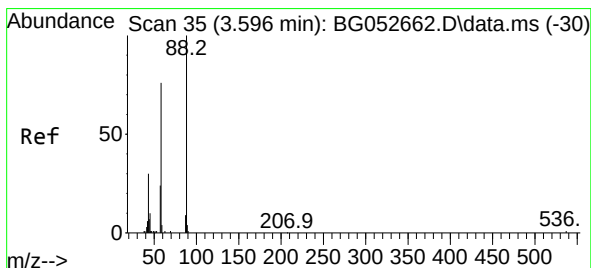
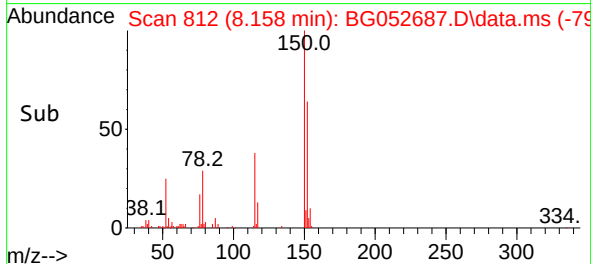
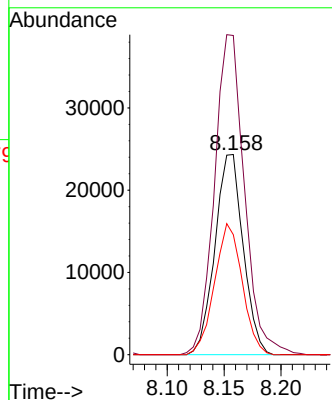
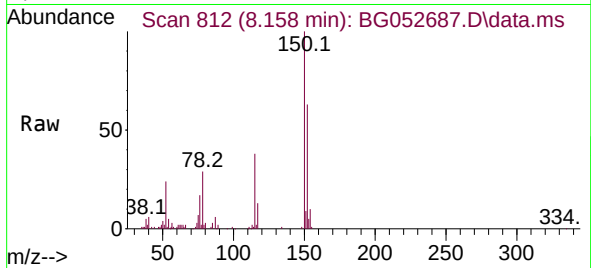




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG052687.D
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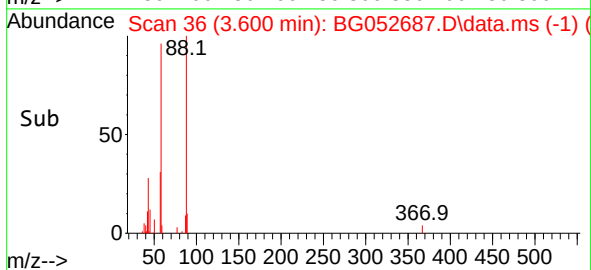
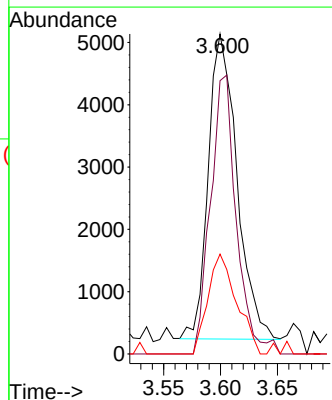
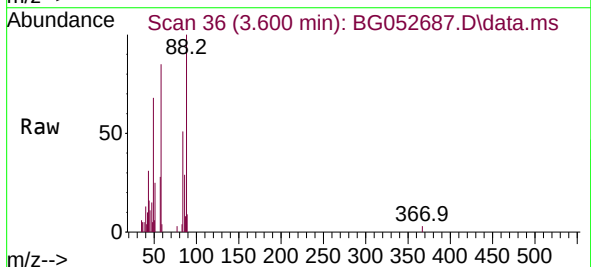
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BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

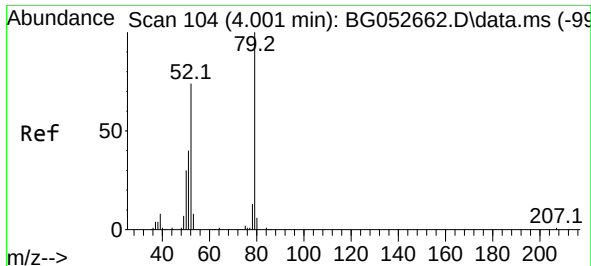
Tgt Ion:152 Resp: 42127
Ion Ratio Lower Upper
152 100
150 159.5 114.6 172.0
115 60.0 45.9 68.9



#2
1,4-Dioxane
Concen: 7.102 ng
RT: 3.600 min Scan# 36
Delta R.T. 0.003 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion: 88 Resp: 8594
Ion Ratio Lower Upper
88 100
58 82.2 58.2 87.2
43 32.7 23.4 35.0

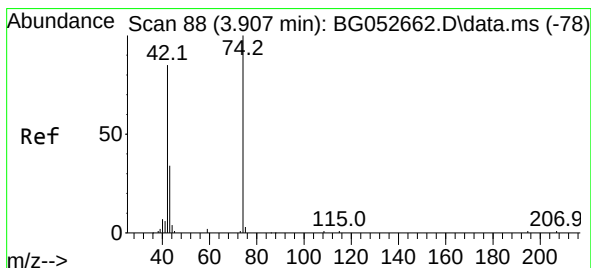
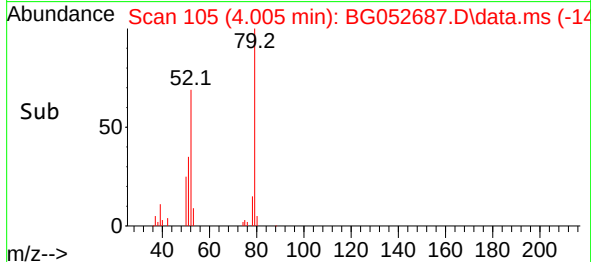
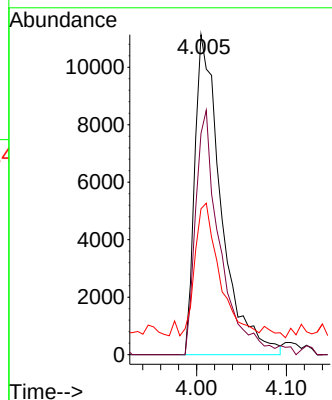
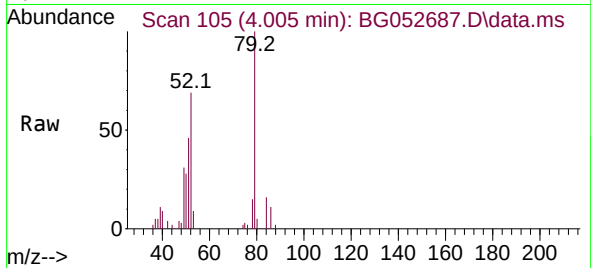




#3
Pyridine
Concen: 7.333 ng
RT: 4.005 min Scan# 104
Delta R.T. 0.003 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

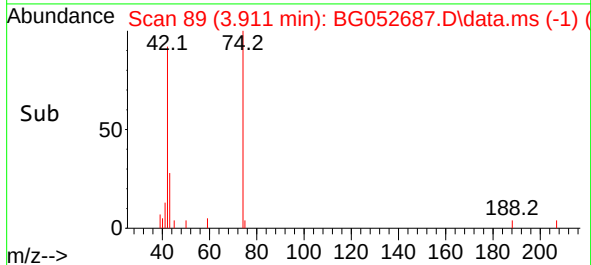
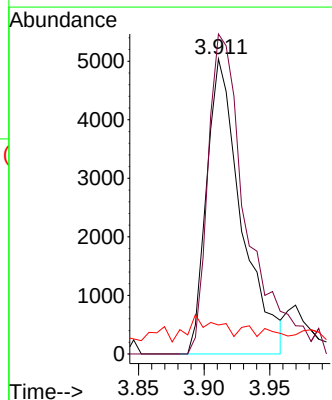
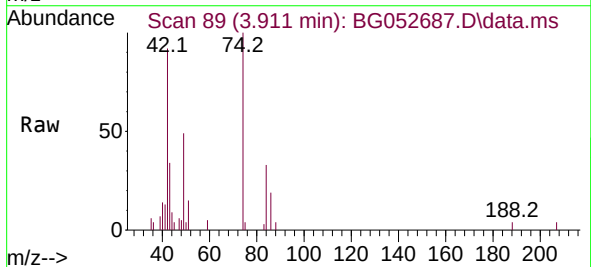
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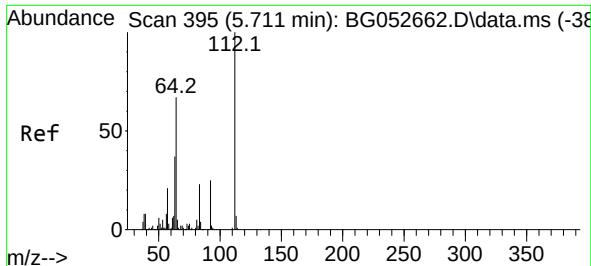
Tgt Ion: 79 Resp: 22745
Ion Ratio Lower Upper
79 100
52 69.1 50.9 76.3
51 45.6 24.4 36.6#



#4
n-Nitrosodimethylamine
Concen: 6.741 ng
RT: 3.911 min Scan# 89
Delta R.T. 0.003 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion: 42 Resp: 9276
Ion Ratio Lower Upper
42 100
74 108.4 108.9 163.3#
44 9.8 5.7 8.5#

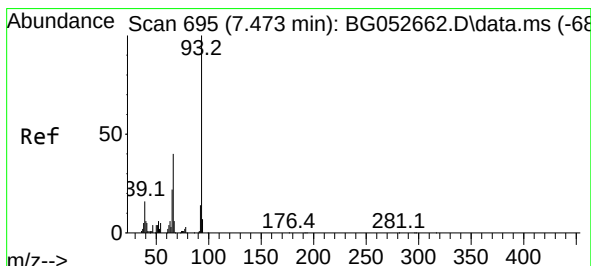
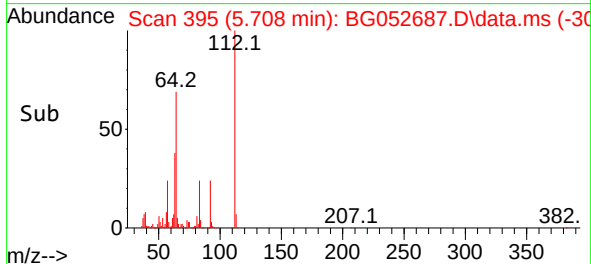
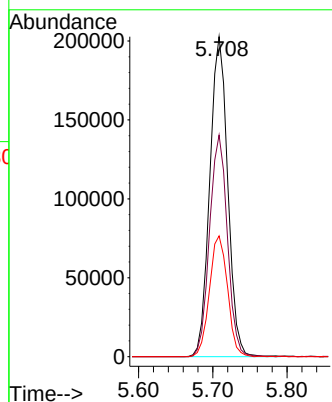
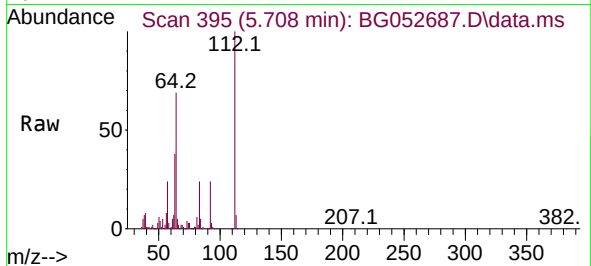




#5
2-Fluorophenol
Concen: 140.619 ng
RT: 5.708 min Scan# 395
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

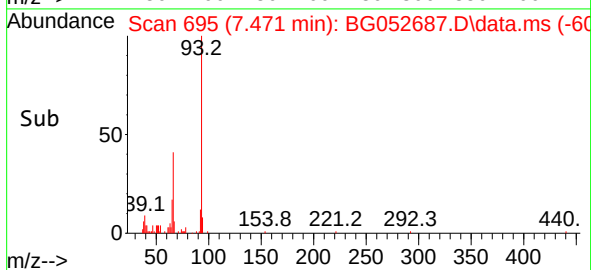
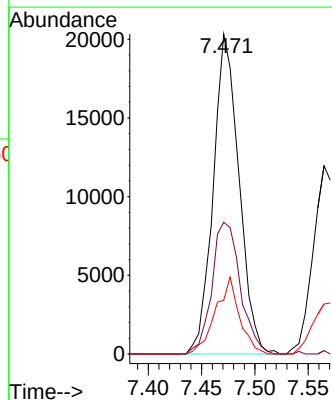
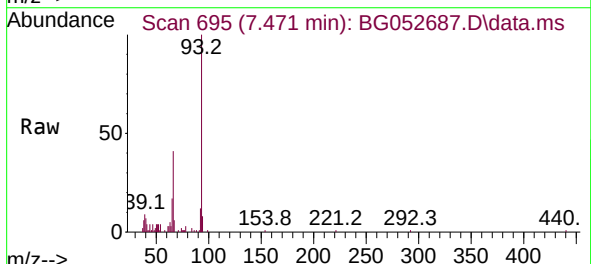
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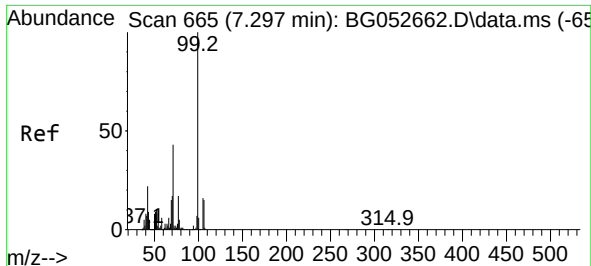
Tgt Ion:112 Resp: 340157
Ion Ratio Lower Upper
112 100
64 69.3 48.0 72.0
63 37.7 26.5 39.7



#6
Aniline
Concen: 7.974 ng
RT: 7.471 min Scan# 695
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion: 93 Resp: 34099
Ion Ratio Lower Upper
93 100
66 41.1 31.3 46.9
65 16.8 16.7 25.1

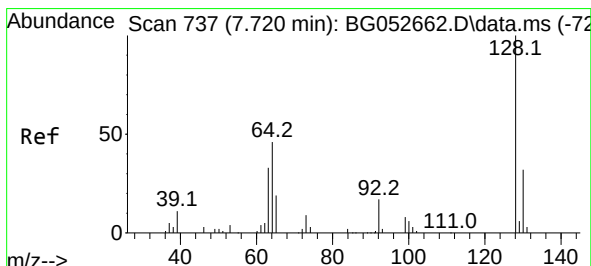
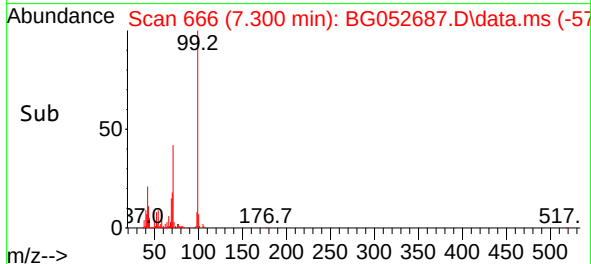
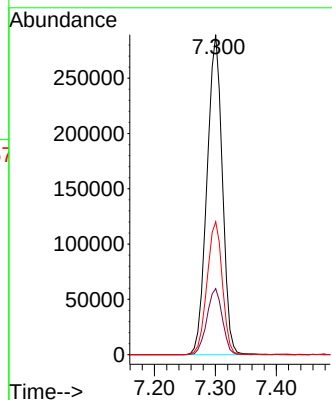
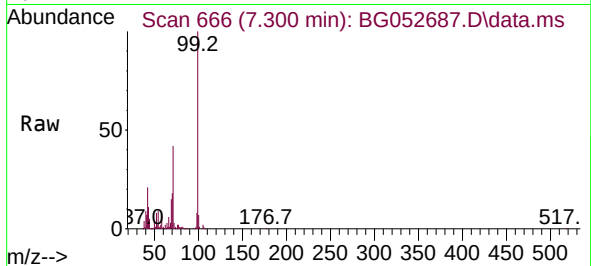




#7
Phenol-d6
Concen: 139.033 ng
RT: 7.300 min Scan# 611
Delta R.T. 0.003 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

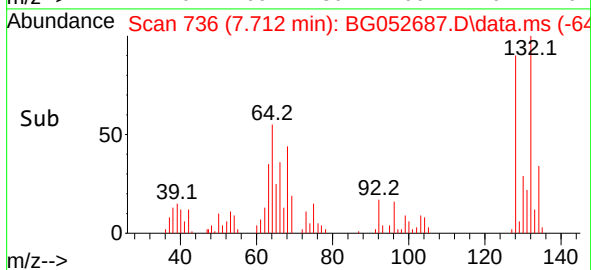
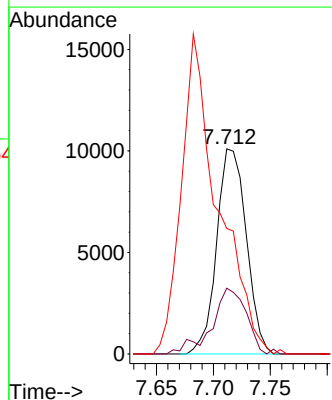
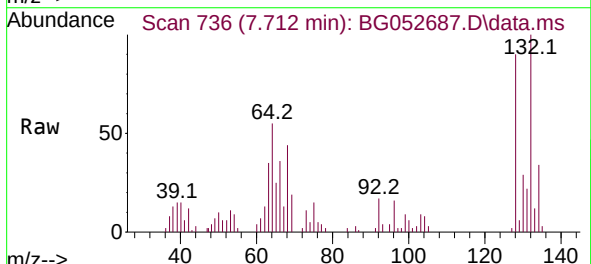
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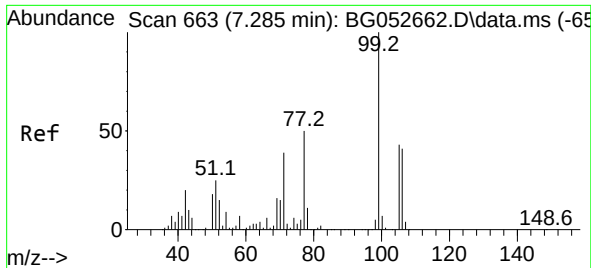
Tgt Ion: 99 Resp: 507036
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 41.5 29.2 43.8



#8
2-Chlorophenol
Concen: 7.204 ng
RT: 7.712 min Scan# 736
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:128 Resp: 18312
Ion Ratio Lower Upper
128 100
130 32.1 13.4 53.4
64 61.2 30.9 70.9

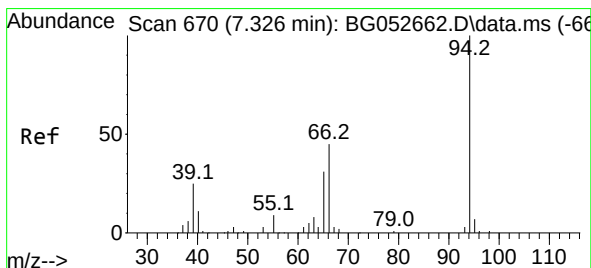
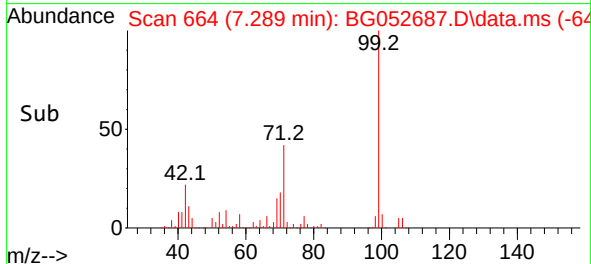
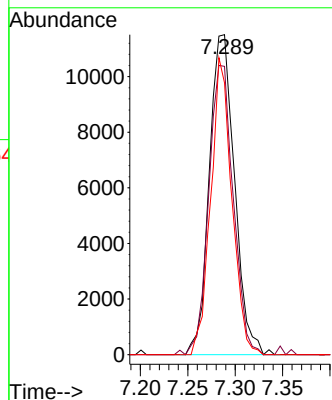
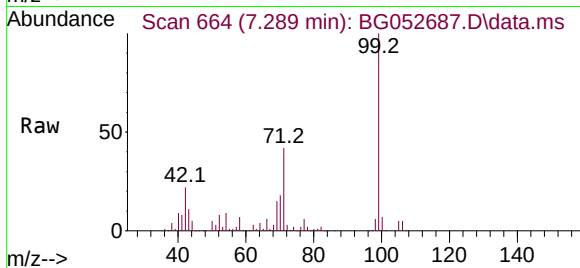




#9
Benzaldehyde
Concen: 9.524 ng
RT: 7.289 min Scan# 60
Delta R.T. 0.004 min
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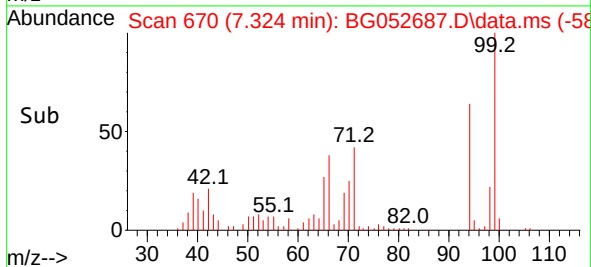
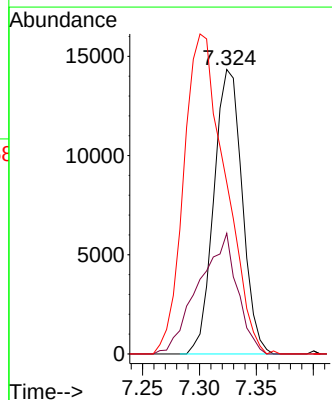
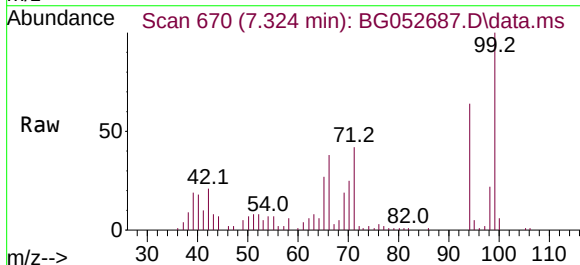
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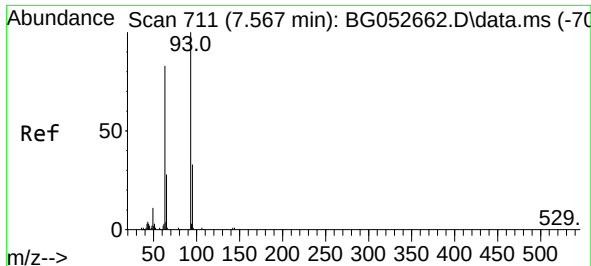
Tgt Ion: 77 Resp: 21334
Ion Ratio Lower Upper
77 100
105 90.1 70.6 110.6
106 84.9 67.6 107.6



#10
Phenol
Concen: 6.903 ng
RT: 7.324 min Scan# 670
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion: 94 Resp: 24850
Ion Ratio Lower Upper
94 100
65 42.4 11.1 51.1
66 60.2 20.0 60.0#

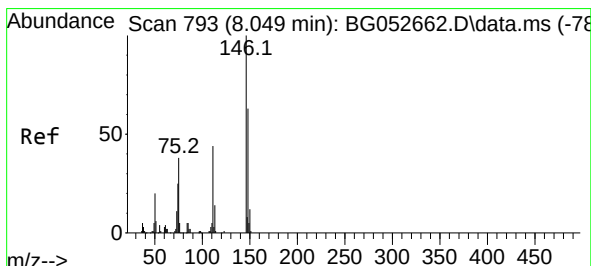
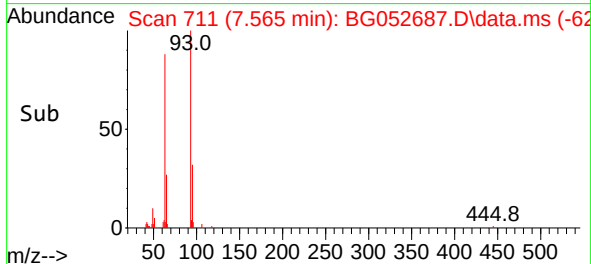
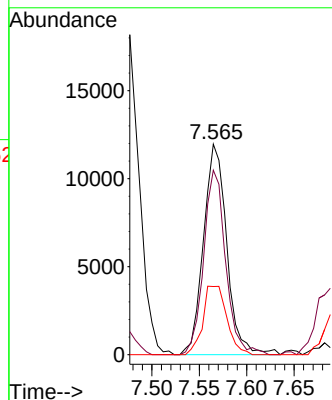
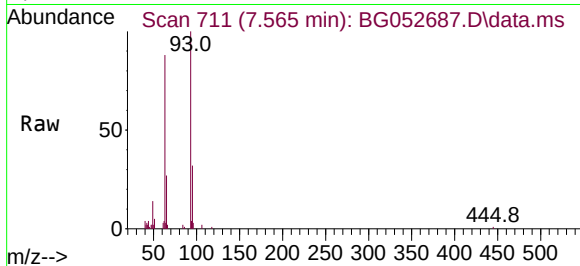




#11
bis(2-Chloroethyl)ether
Concen: 7.505 ng
RT: 7.565 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

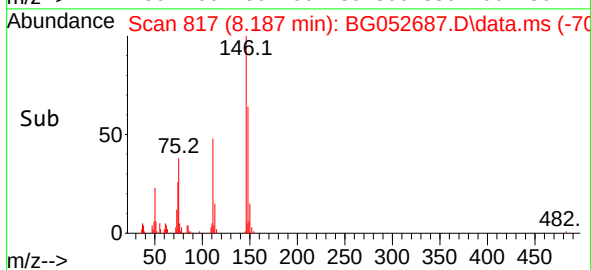
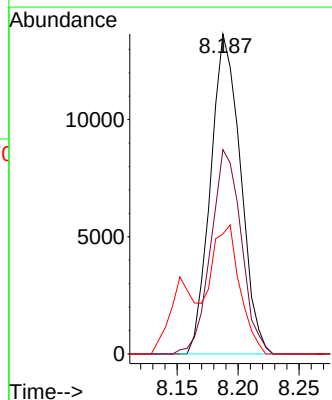
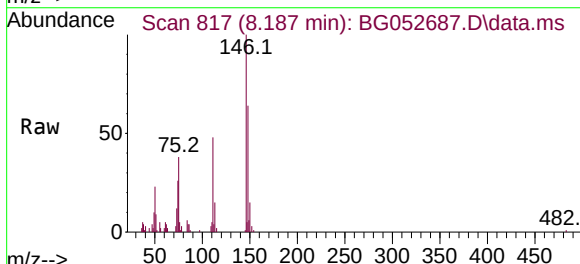
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

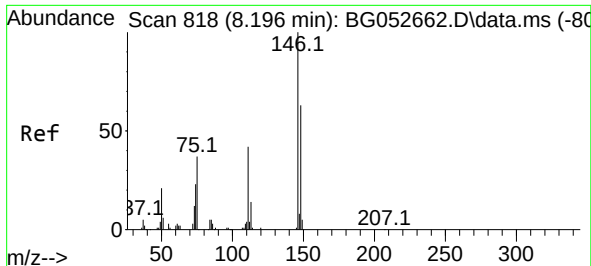
Tgt Ion:	93	Resp:	20402
Ion	Ratio	Lower	Upper
93	100		
63	87.6	56.9	96.9
95	32.4	14.5	54.5



#12
1,3-Dichlorobenzene
Concen: 7.603 ng
RT: 8.187 min Scan# 817
Delta R.T. 0.139 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:	146	Resp:	23267
Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	76.0
75	37.5	25.9	38.9

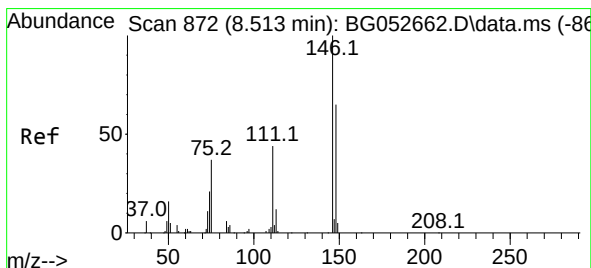
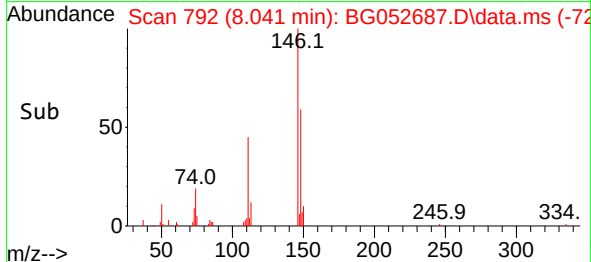
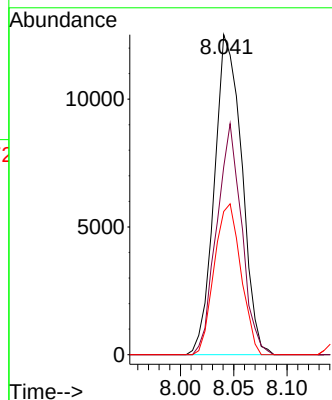
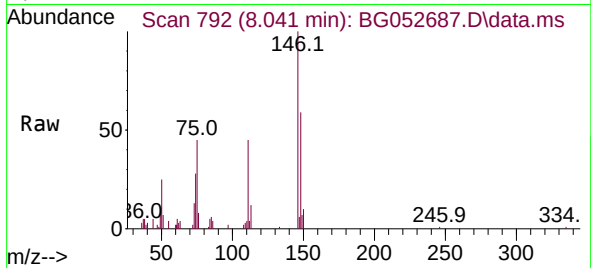




#13
1,4-Dichlorobenzene
Concen: 7.267 ng
RT: 8.041 min Scan# 792
Delta R.T. -0.155 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

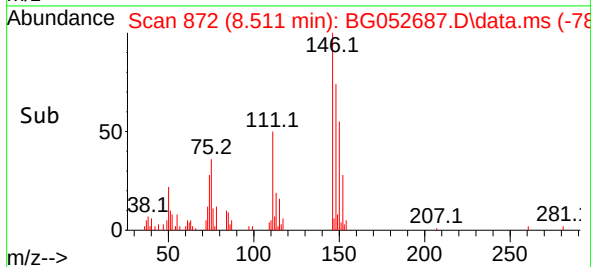
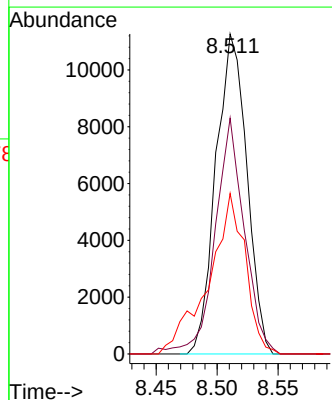
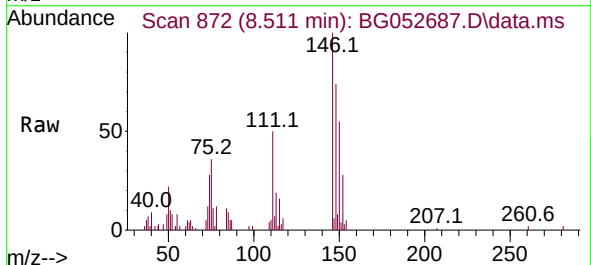
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

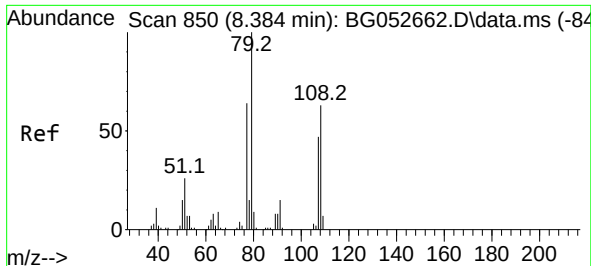
Tgt Ion:146 Resp: 22346
Ion Ratio Lower Upper
146 100
148 58.7 50.0 75.0
111 44.7 31.0 46.4



#14
1,2-Dichlorobenzene
Concen: 6.825 ng
RT: 8.511 min Scan# 872
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:146 Resp: 19848
Ion Ratio Lower Upper
146 100
148 73.7 51.0 76.6
111 50.1 34.7 52.1

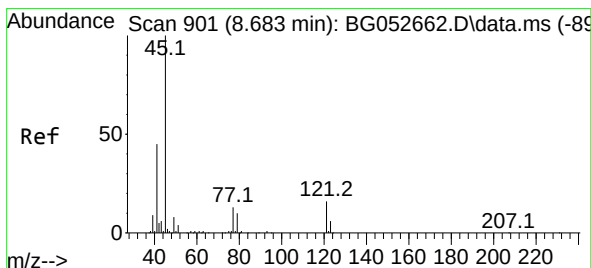
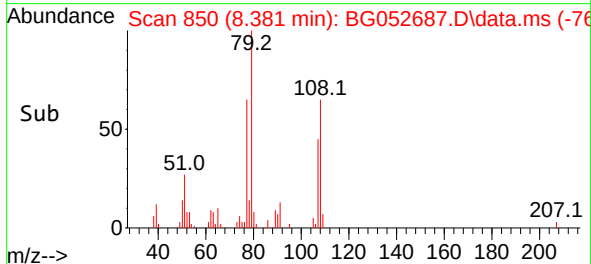
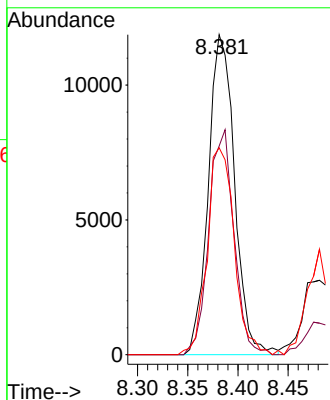
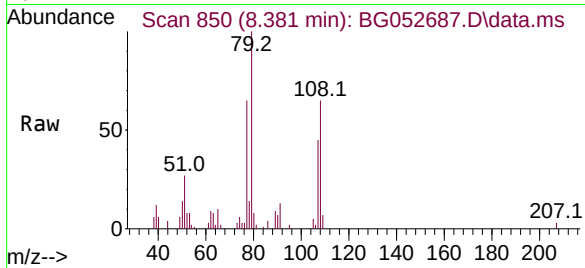




#15
Benzyl Alcohol
Concen: 7.036 ng
RT: 8.381 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

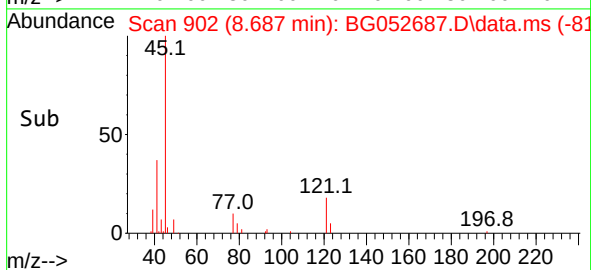
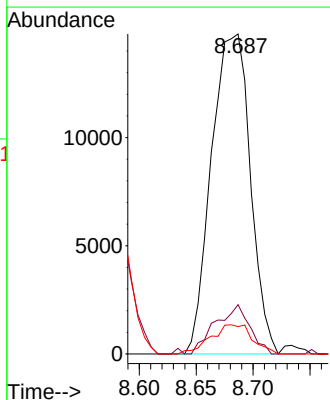
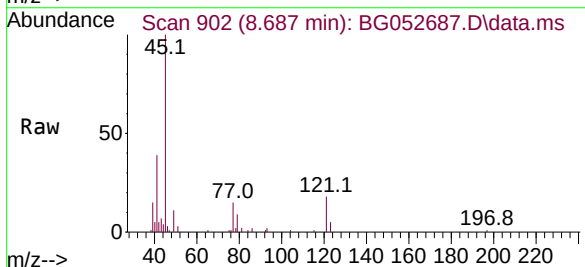
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

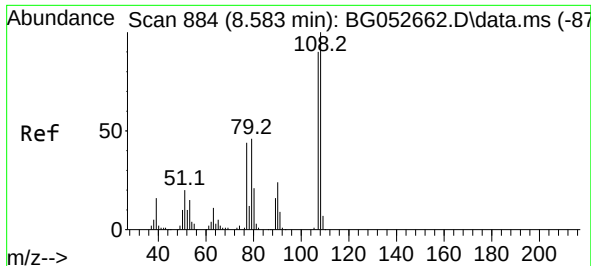
Tgt Ion: 79 Resp: 21605
Ion Ratio Lower Upper
79 100
108 65.2 55.1 82.7
77 64.6 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.427 ng
RT: 8.687 min Scan# 902
Delta R.T. 0.003 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion: 45 Resp: 35164
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.9
79 8.6 0.0 30.7

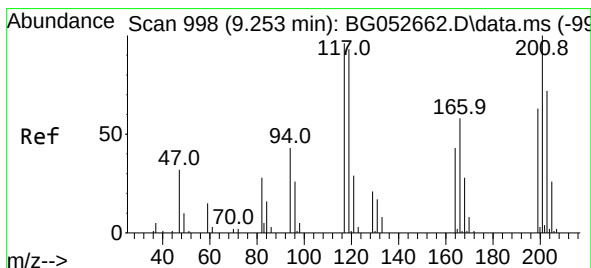
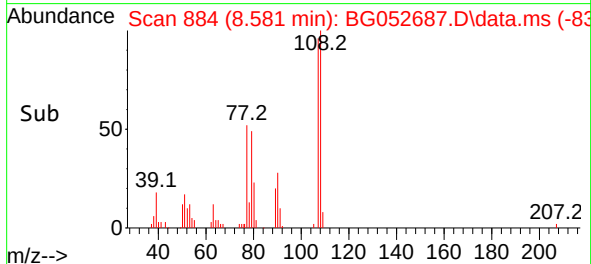
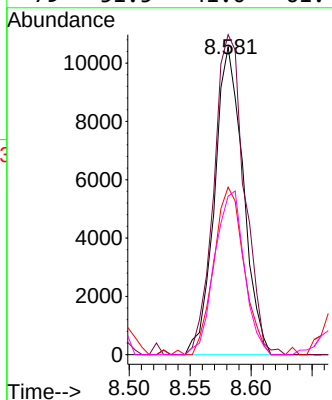
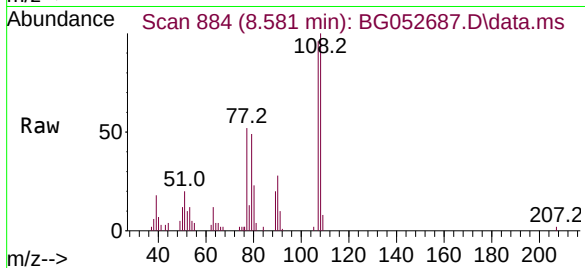




#17
2-Methylphenol
Concen: 7.189 ng
RT: 8.581 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

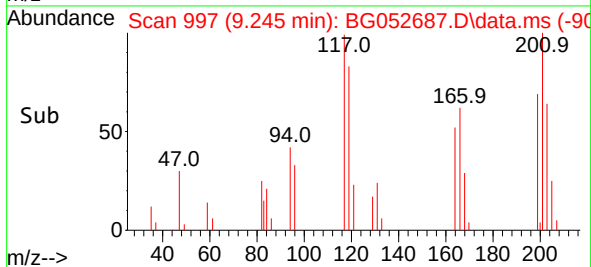
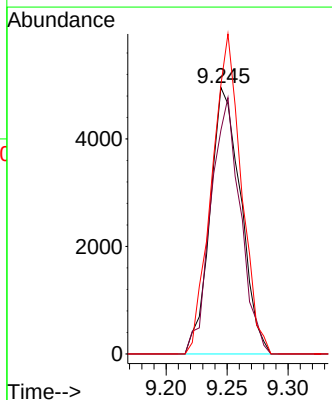
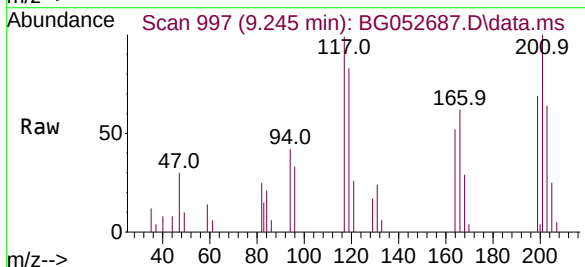
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

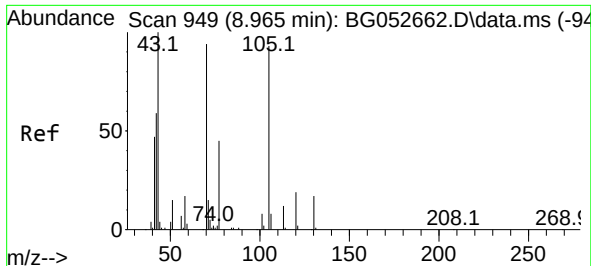
Tgt Ion:	107	Resp:	17252
Ion	Ratio	Lower	Upper
107	100		
108	104.0	91.5	137.3
77	54.5	42.5	63.7
79	51.5	41.0	61.4



#18
Hexachloroethane
Concen: 7.675 ng
RT: 9.245 min Scan# 997
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:	117	Resp:	8658
Ion	Ratio	Lower	Upper
117	100		
119	84.0	75.1	112.7
201	101.1	96.6	145.0

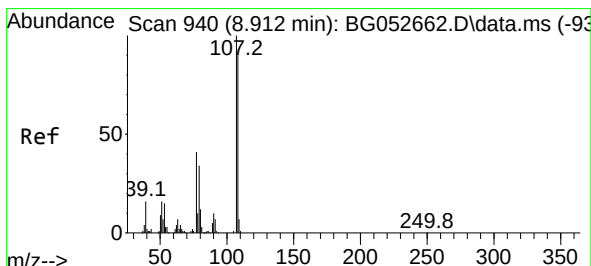
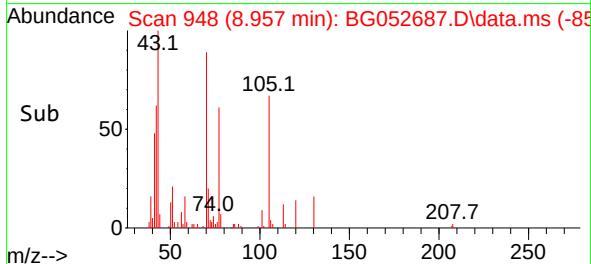
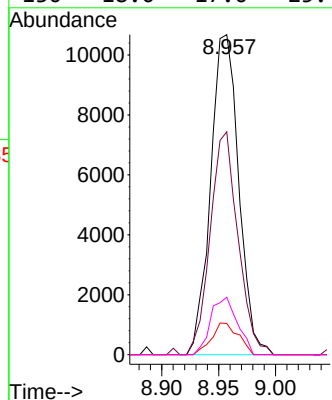
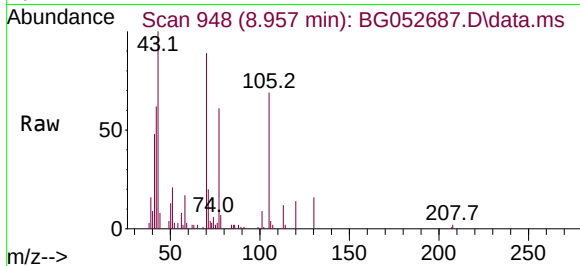




#19
n-Nitroso-di-n-propylamine
Concen: 7.132 ng
RT: 8.957 min Scan# 949
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

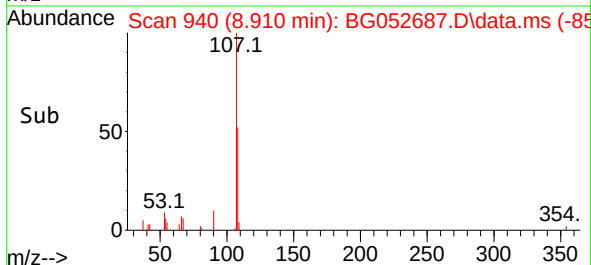
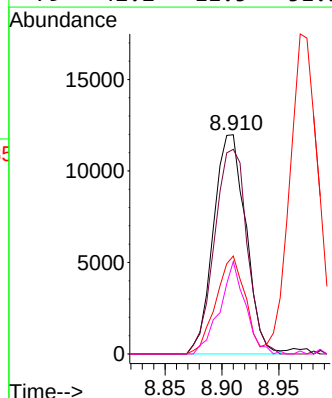
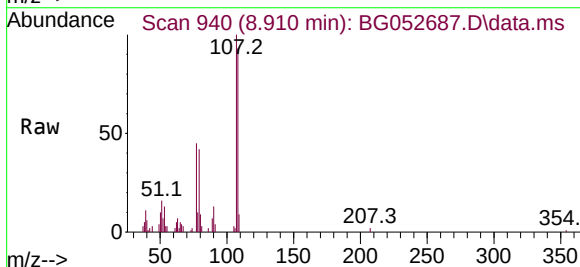
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

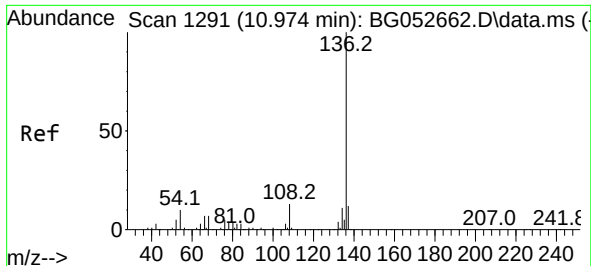
Tgt Ion:	70	Resp:	18422
Ion	Ratio	Lower	Upper
70	100		
42	69.7	46.0	69.0#
101	9.8	6.2	9.4#
130	18.0	17.0	25.4



#20
3+4-Methylphenols
Concen: 7.059 ng
RT: 8.910 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:	107	Resp:	23707
Ion	Ratio	Lower	Upper
107	100		
108	93.4	64.8	104.8
77	44.7	15.9	55.9
79	42.2	11.5	51.5

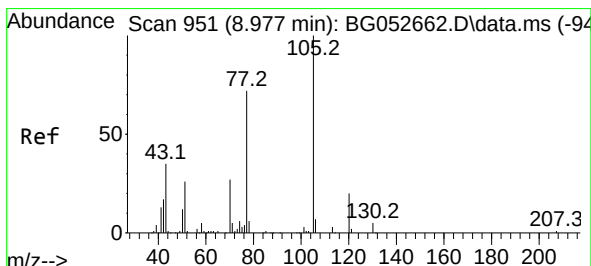
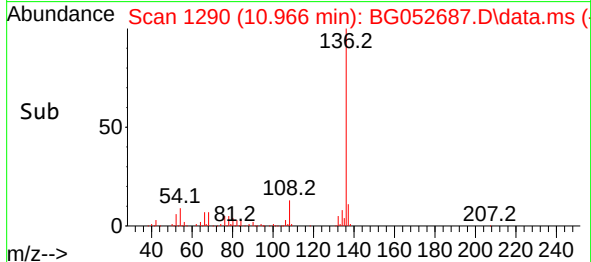
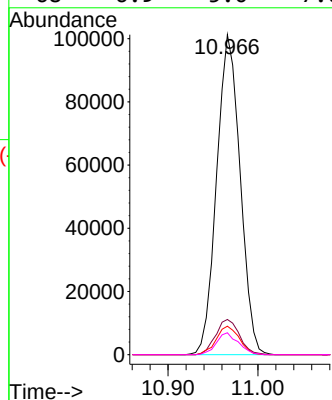
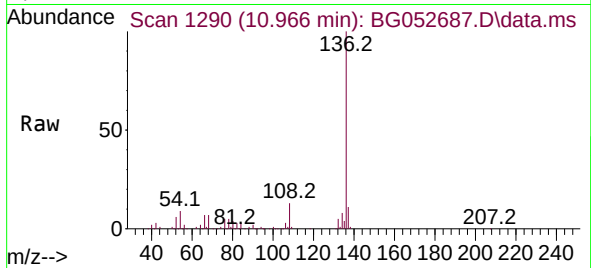




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

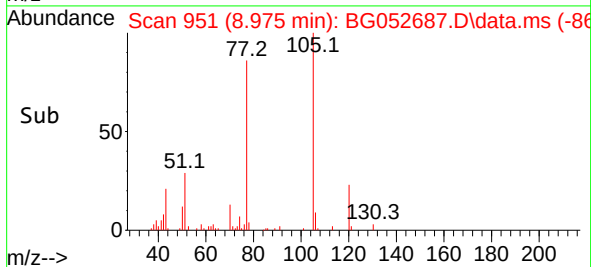
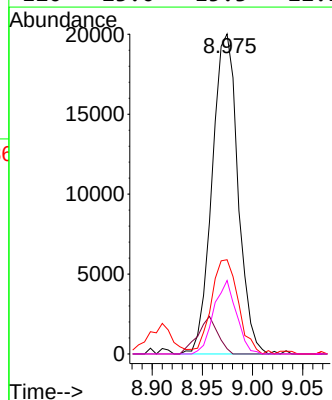
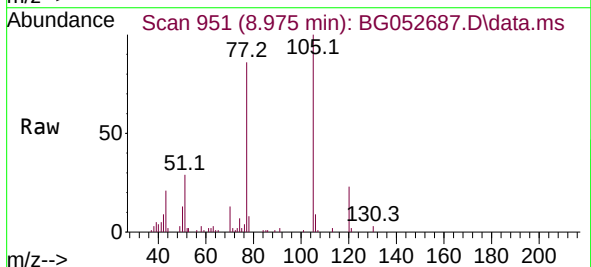
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

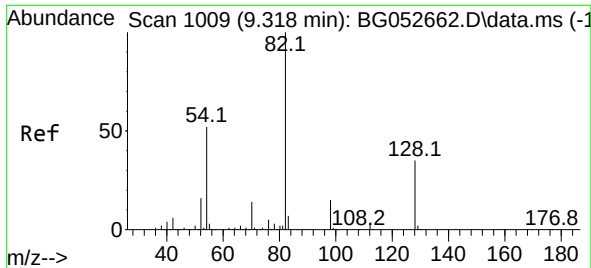
Tgt Ion:136 Resp: 183674
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 8.9 6.4 9.6
68 6.9 5.0 7.6



#22
Acetophenone
Concen: 7.528 ng
RT: 8.975 min Scan# 951
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:105 Resp: 35784
Ion Ratio Lower Upper
105 100
71 1.7 2.1 3.1#
51 29.5 21.9 32.9
120 23.0 15.3 22.9#

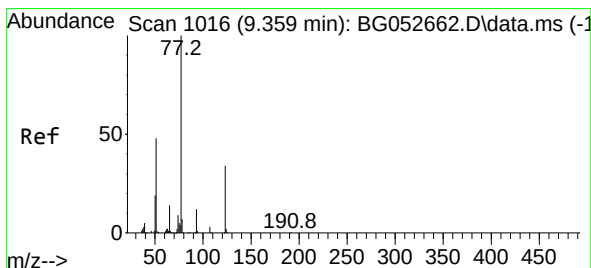
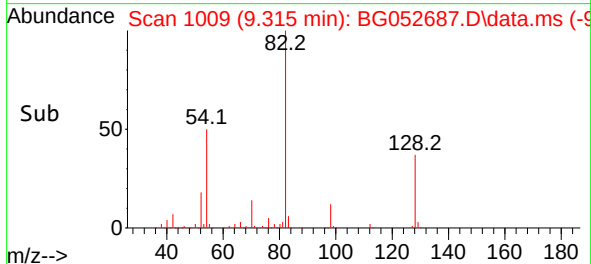
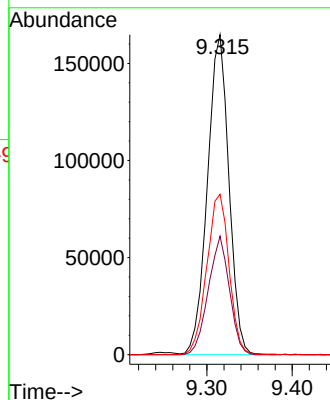
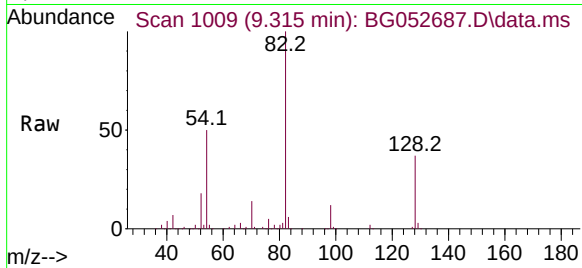




#23
Nitrobenzene-d5
Concen: 78.583 ng
RT: 9.315 min Scan# 1015
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

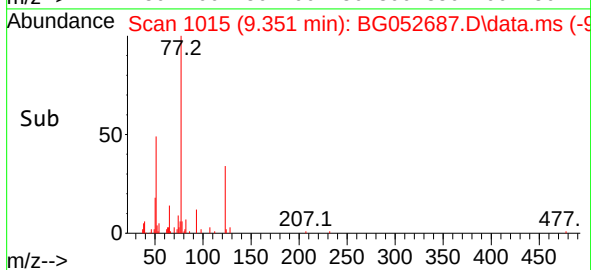
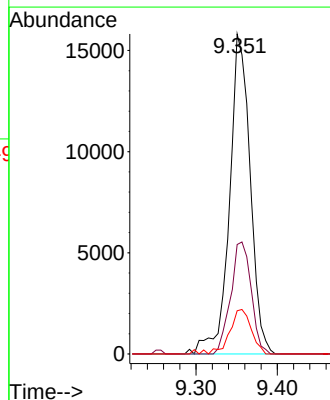
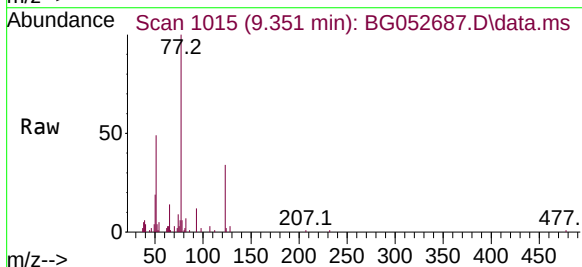
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

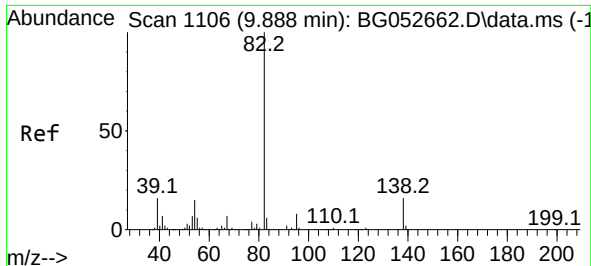
Tgt Ion: 82 Resp: 287579
Ion Ratio Lower Upper
82 100
128 37.1 31.3 46.9
54 50.1 37.8 56.8



#24
Nitrobenzene
Concen: 7.643 ng
RT: 9.351 min Scan# 1015
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion: 77 Resp: 27985
Ion Ratio Lower Upper
77 100
123 34.2 34.4 51.6#
65 13.5 11.2 16.8

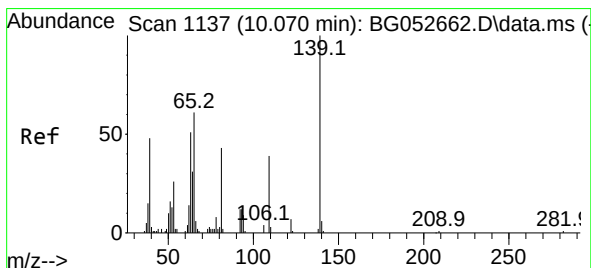
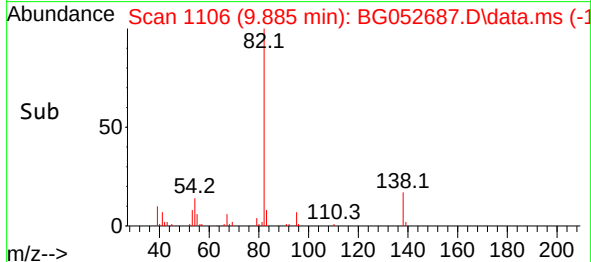
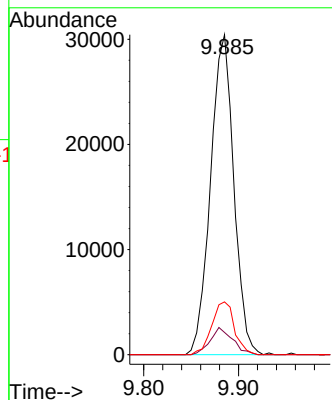
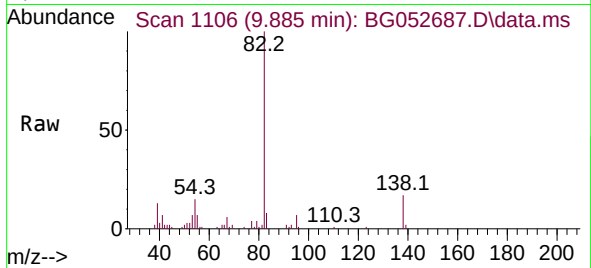




#25
Isophorone
Concen: 7.319 ng
RT: 9.885 min Scan# 1106
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

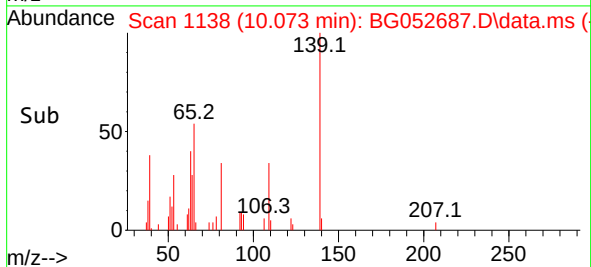
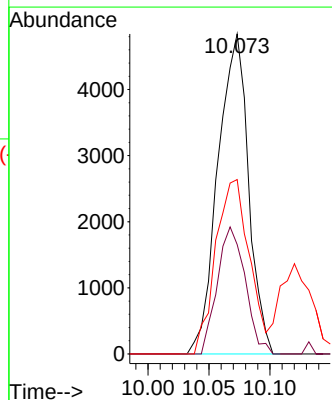
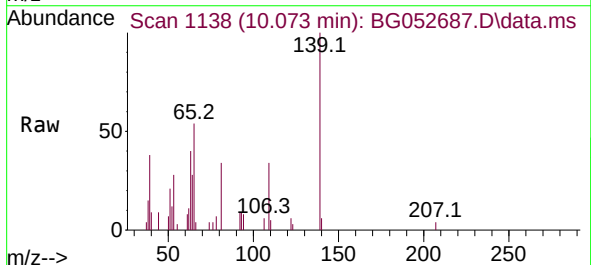
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

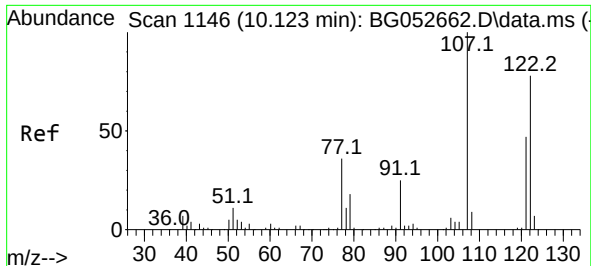
Tgt Ion: 82 Resp: 51862
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 16.5 12.6 18.8



#26
2-Nitrophenol
Concen: 6.631 ng
RT: 10.073 min Scan# 1138
Delta R.T. 0.003 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion: 139 Resp: 8432
Ion Ratio Lower Upper
139 100
109 34.2 29.4 44.0
65 54.5 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 8.099 ng

RT: 10.120 min Scan# 1146

Delta R.T. -0.002 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

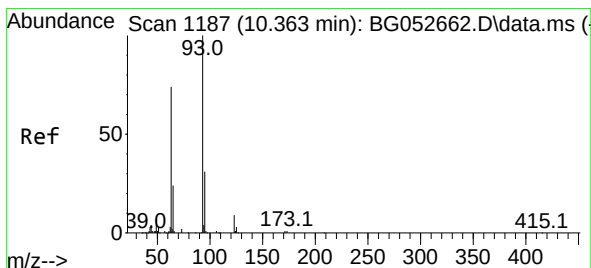
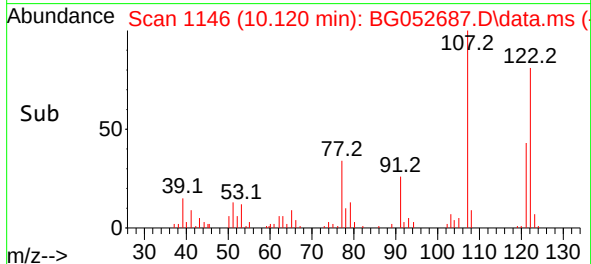
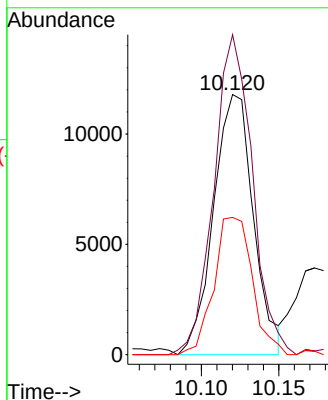
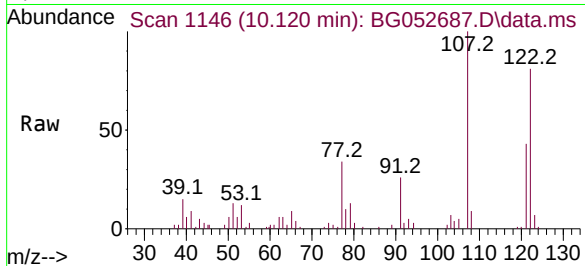
Tgt Ion:122 Resp: 21069

Ion Ratio Lower Upper

122 100

107 123.0 96.7 145.1

121 52.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 6.915 ng

RT: 10.355 min Scan# 1186

Delta R.T. -0.008 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

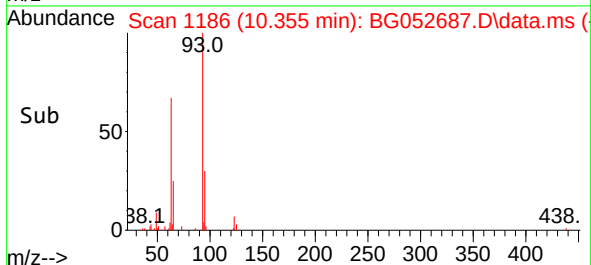
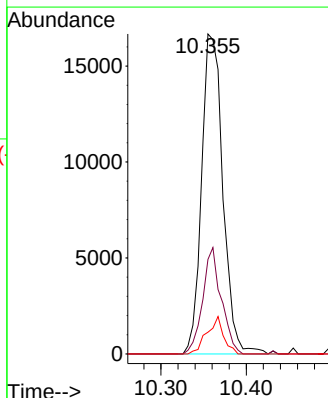
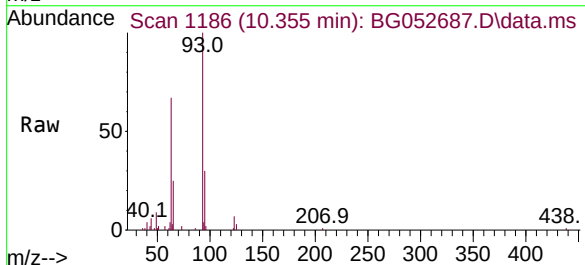
Tgt Ion: 93 Resp: 28973

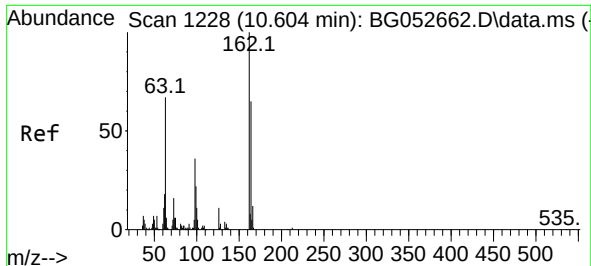
Ion Ratio Lower Upper

93 100

95 29.5 26.5 39.7

123 6.8 8.6 12.8#





#29

2,4-Dichlorophenol

Concen: 6.460 ng

RT: 10.602 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

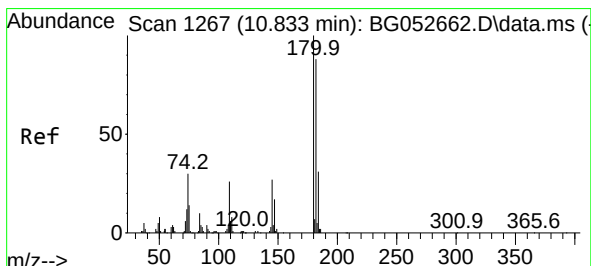
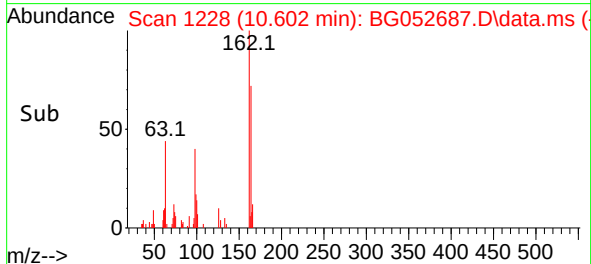
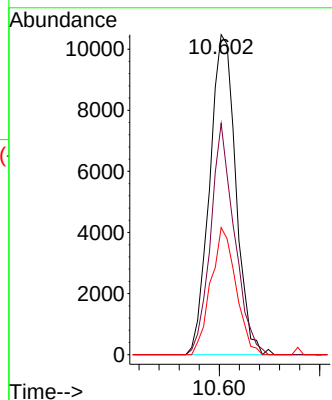
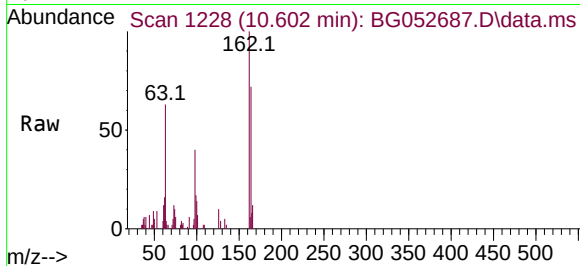
Tgt Ion:162 Resp: 18911

Ion Ratio Lower Upper

162 100

164 72.3 44.0 84.0

98 39.7 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 6.811 ng

RT: 10.831 min Scan# 1267

Delta R.T. -0.002 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

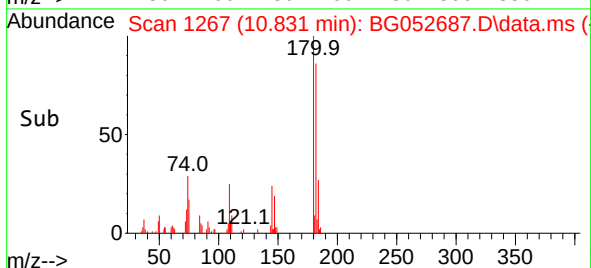
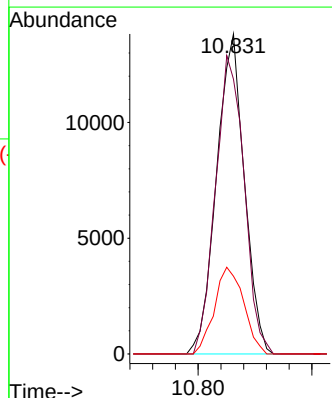
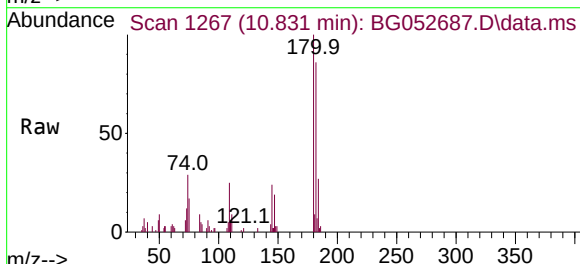
Tgt Ion:180 Resp: 23520

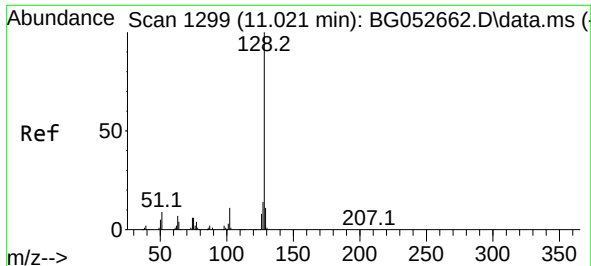
Ion Ratio Lower Upper

180 100

182 85.9 77.8 116.6

145 24.3 24.4 36.6#

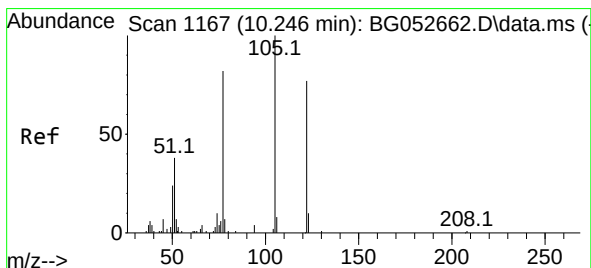
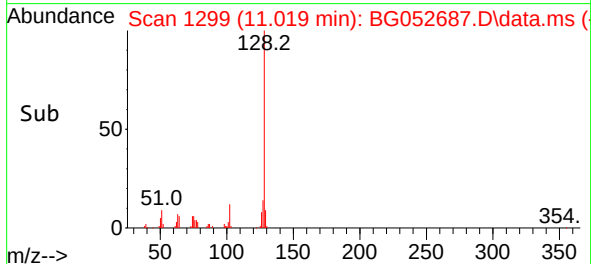
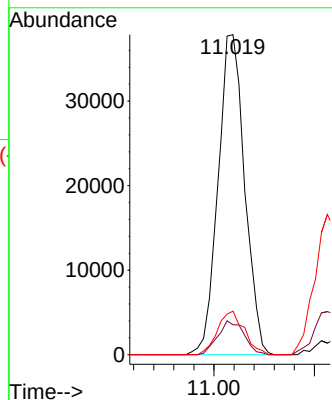
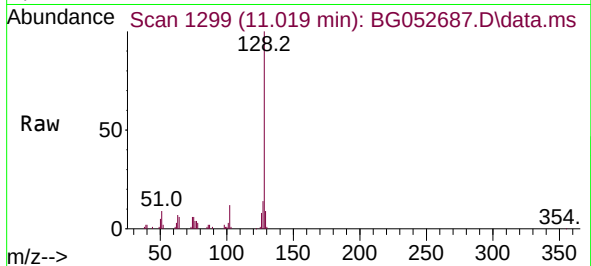




#31
Naphthalene
Concen: 7.321 ng
RT: 11.019 min Scan# 11019
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

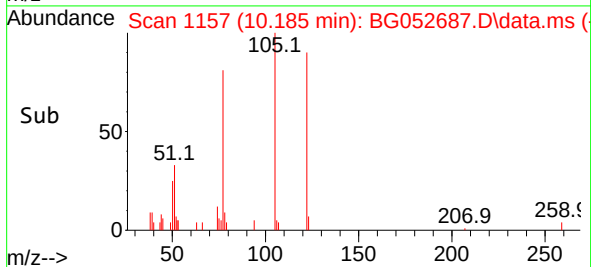
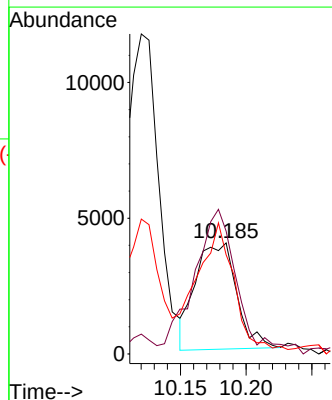
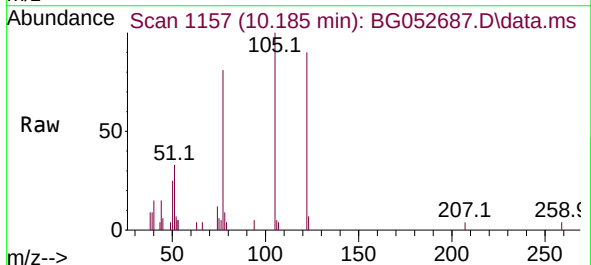
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

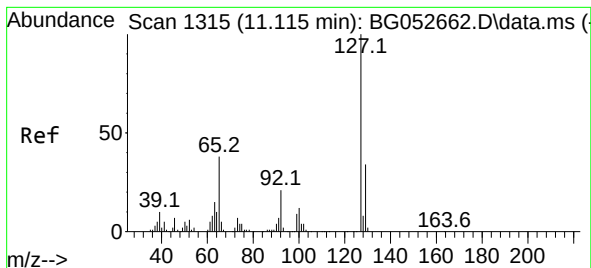
Tgt Ion:128 Resp: 69540
Ion Ratio Lower Upper
128 100
129 9.3 8.8 13.2
127 13.6 10.5 15.7



#32
Benzoic acid
Concen: 4.879 ng
RT: 10.185 min Scan# 1157
Delta R.T. -0.061 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:122 Resp: 8530
Ion Ratio Lower Upper
122 100
105 110.8 112.8 152.8#
77 89.4 78.4 118.4





#33

4-Chloroaniline

Concen: 7.326 ng

RT: 11.113 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion:127 Resp: 29492

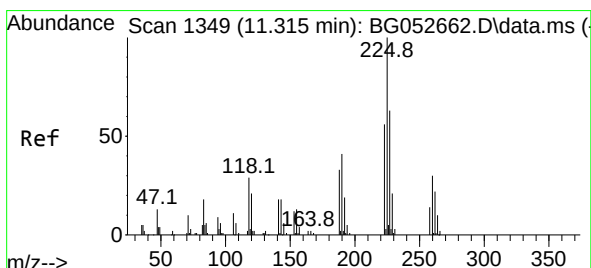
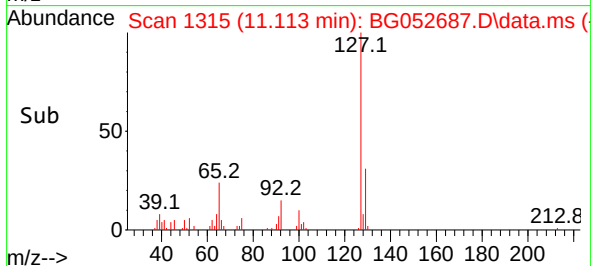
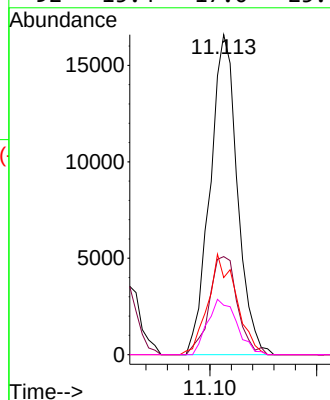
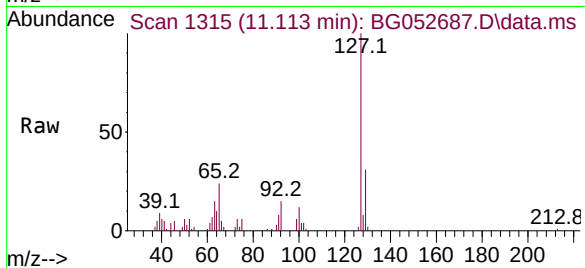
Ion Ratio Lower Upper

127 100

129 30.6 27.6 41.4

65 24.1 28.2 42.4#

92 15.4 17.0 25.4#



#34

Hexachlorobutadiene

Concen: 6.694 ng

RT: 11.313 min Scan# 1349

Delta R.T. -0.002 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

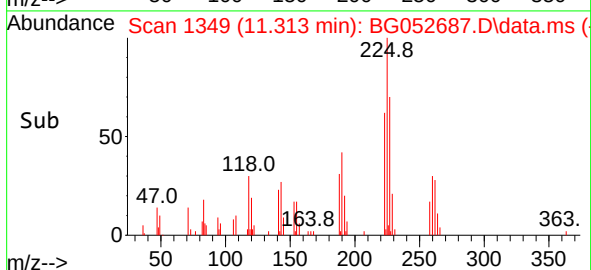
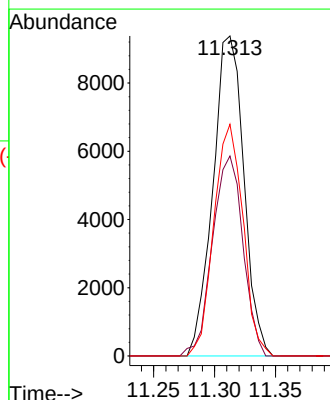
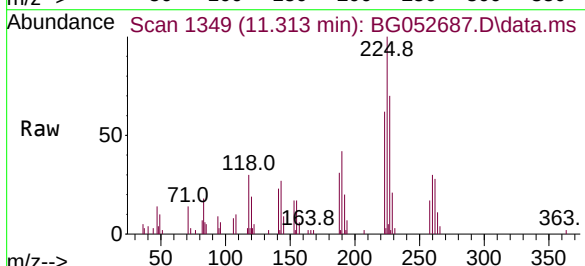
Tgt Ion:225 Resp: 16573

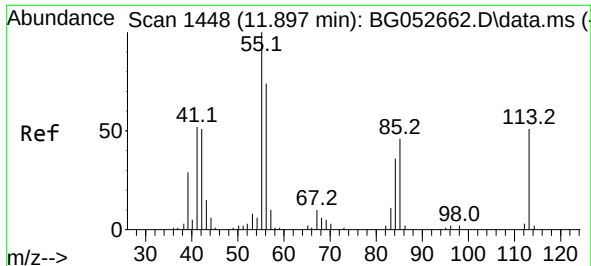
Ion Ratio Lower Upper

225 100

223 62.5 50.2 75.2

227 72.4 52.0 78.0

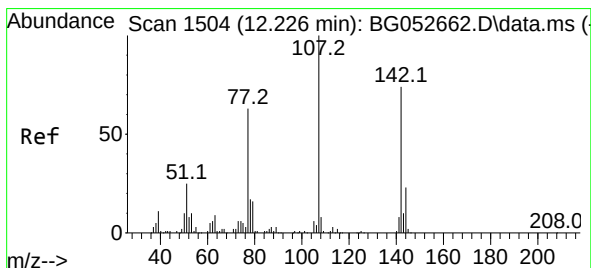
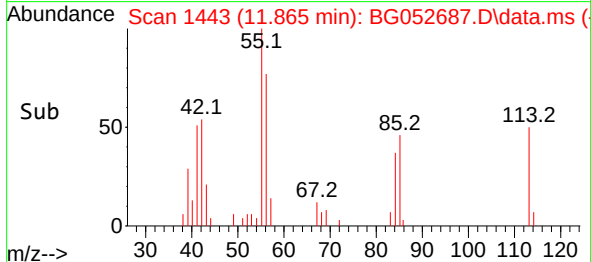
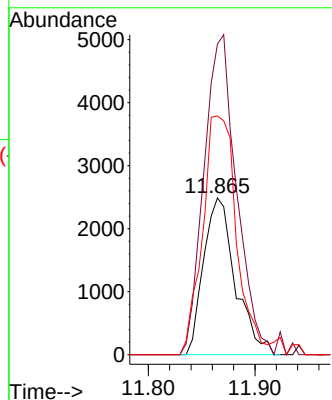
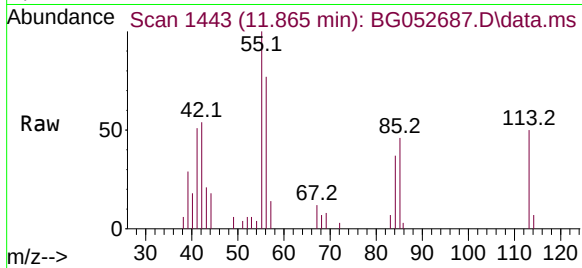




#35
 Caprolactam
 Concen: 6.444 ng
 RT: 11.865 min Scan# 1443
 Delta R.T. -0.032 min
 Lab File: BG052687.D
 Acq: 17 Mar 2022 11:32

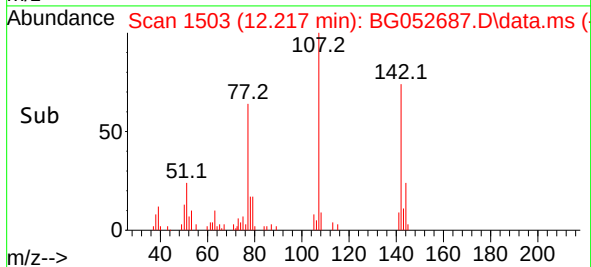
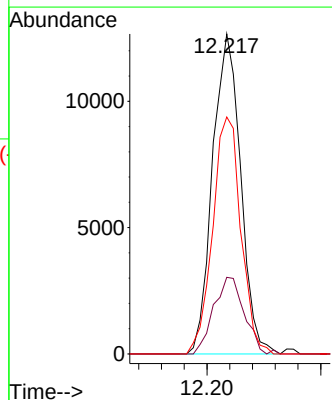
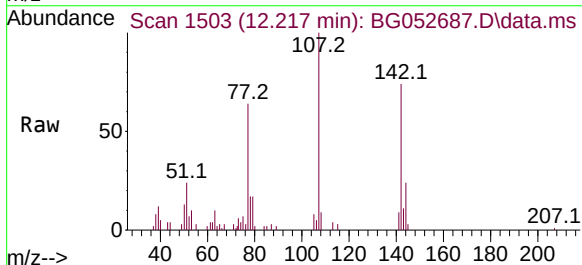
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

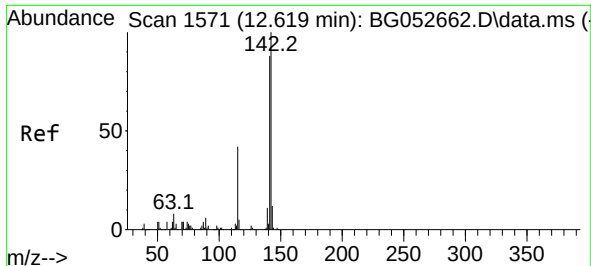
Tgt Ion:113 Resp: 5151
 Ion Ratio Lower Upper
 113 100
 55 198.2 151.3 191.3#
 56 152.3 128.5 168.5



#36
 4-Chloro-3-methylphenol
 Concen: 6.382 ng
 RT: 12.217 min Scan# 1503
 Delta R.T. -0.008 min
 Lab File: BG052687.D
 Acq: 17 Mar 2022 11:32

Tgt Ion:107 Resp: 21695
 Ion Ratio Lower Upper
 107 100
 144 24.0 21.4 32.0
 142 74.1 61.7 92.5

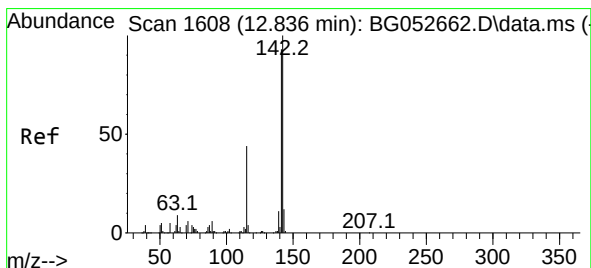
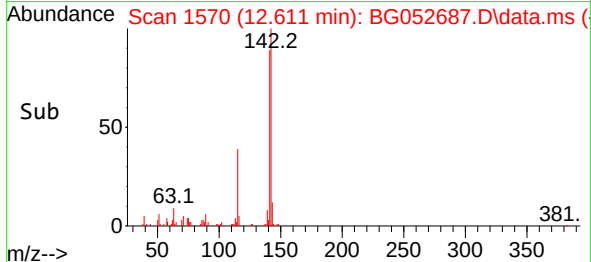
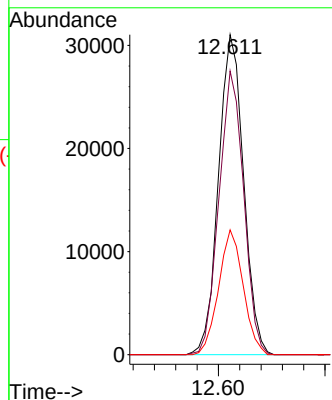
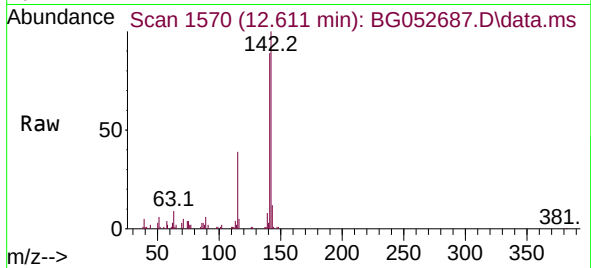




#37
2-Methylnaphthalene
Concen: 7.290 ng
RT: 12.611 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

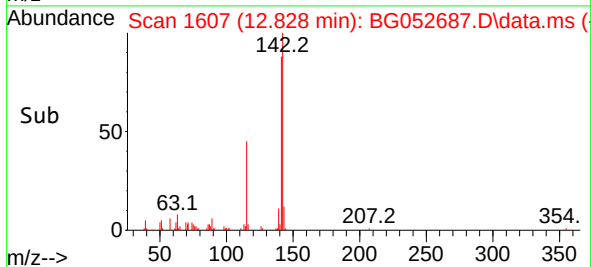
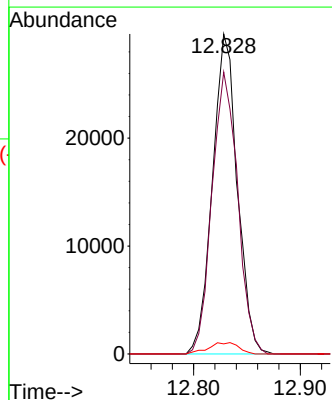
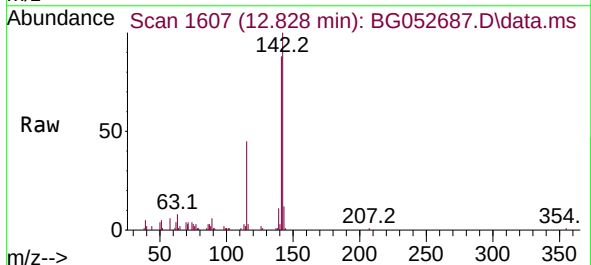
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

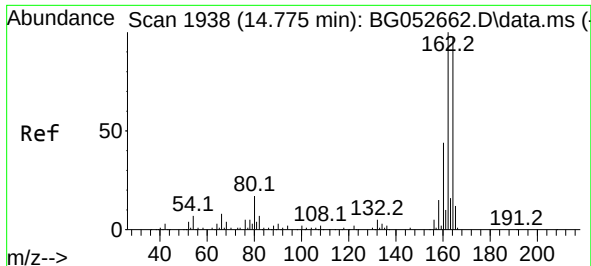
Tgt Ion:142 Resp: 50705
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 39.0 29.5 44.3



#38
1-Methylnaphthalene
Concen: 7.071 ng
RT: 12.828 min Scan# 1607
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:142 Resp: 47999
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7
116 3.2 3.1 4.7

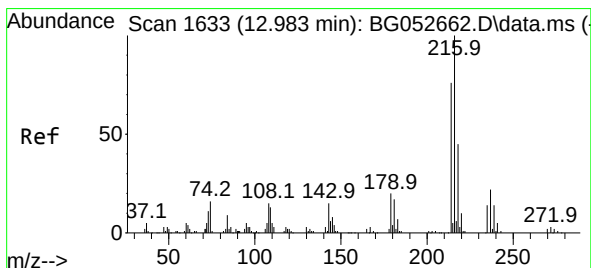
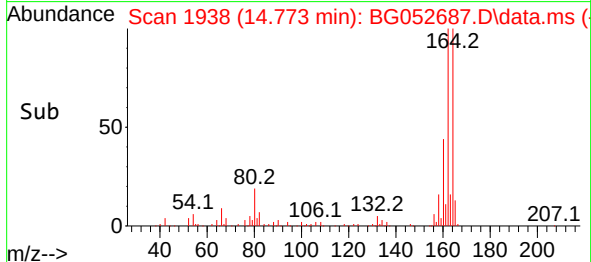
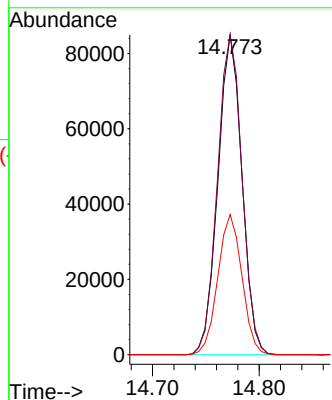
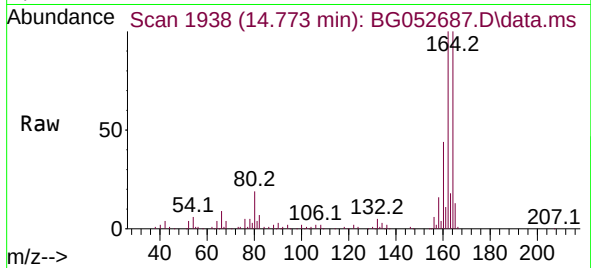




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.773 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

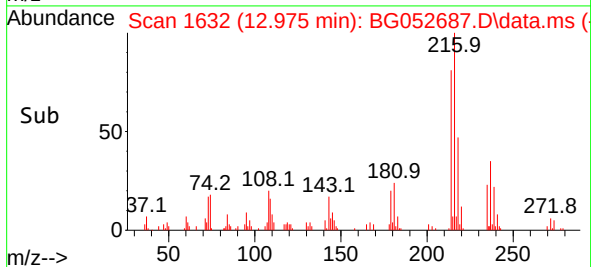
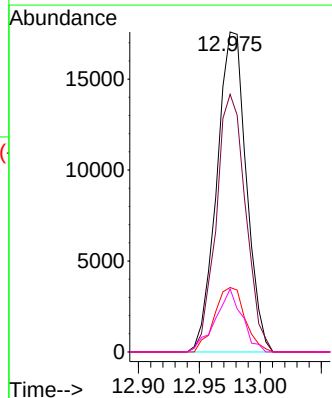
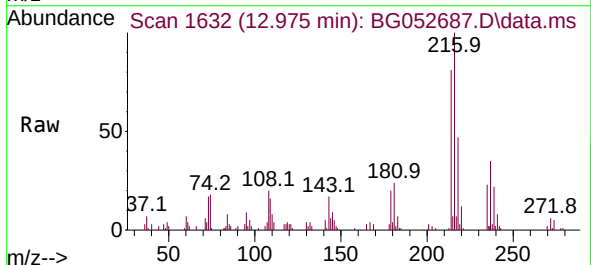
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

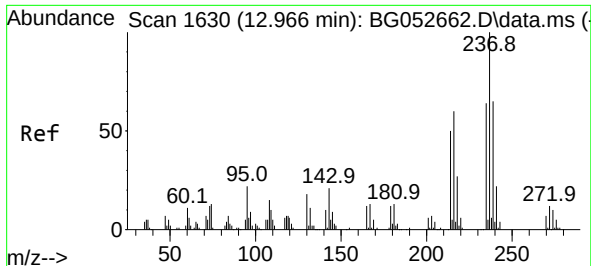
Tgt Ion:164 Resp: 132699
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 43.9 38.8 58.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.150 ng
RT: 12.975 min Scan# 1632
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:216 Resp: 29642
Ion Ratio Lower Upper
216 100
214 80.0 63.8 95.6
179 20.9 15.7 23.5
108 17.8 13.2 19.8

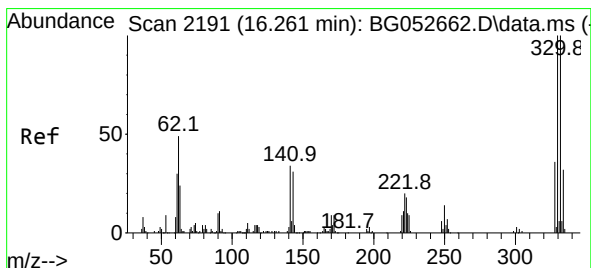
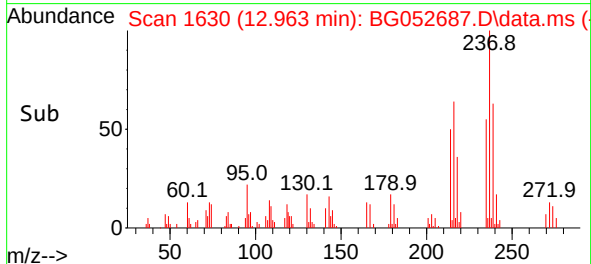
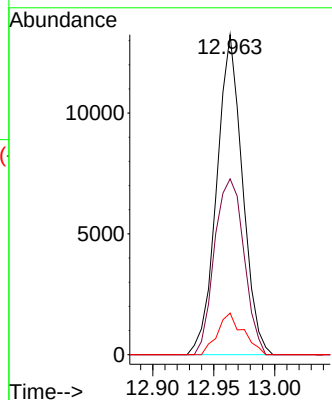
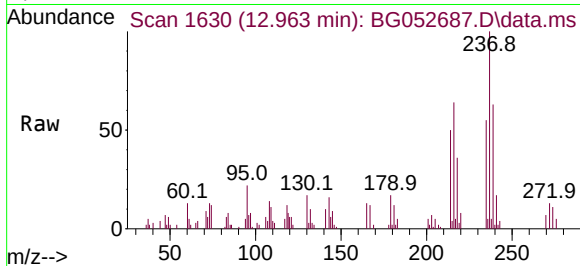




#41
Hexachlorocyclopentadiene
Concen: 7.914 ng
RT: 12.963 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

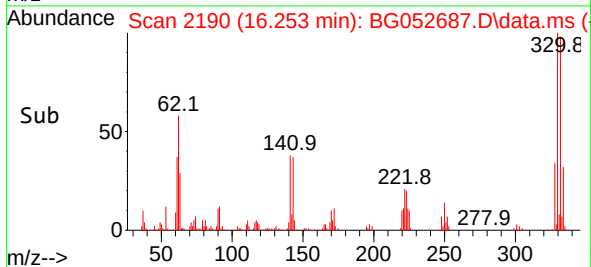
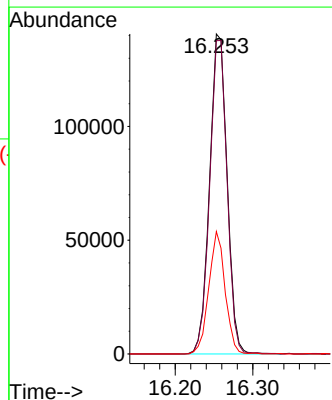
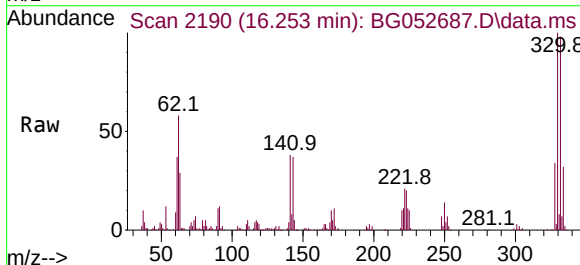
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

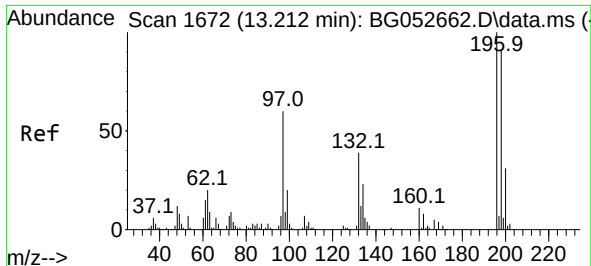
Tgt Ion:237	Resp:	19448
Ion Ratio	Lower	Upper
237	100	
235	54.9	37.7 77.7
272	13.0	0.0 30.7



#42
2,4,6-Tribromophenol
Concen: 123.905 ng
RT: 16.253 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:330	Resp:	220938
Ion Ratio	Lower	Upper
330	100	
332	96.9	75.8 113.6
141	35.7	24.6 36.8

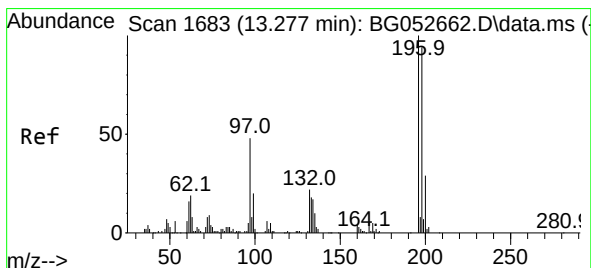
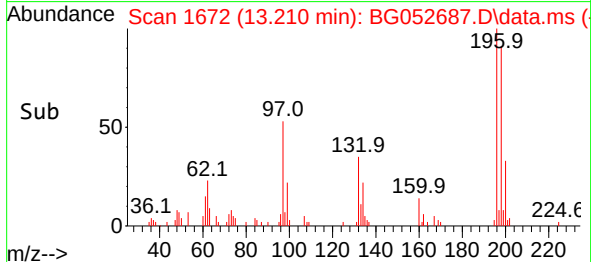
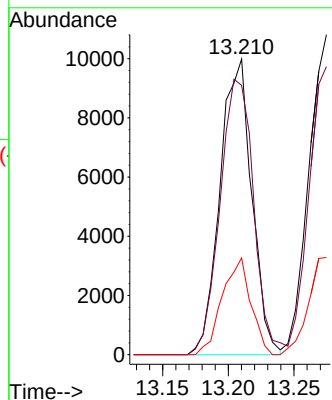
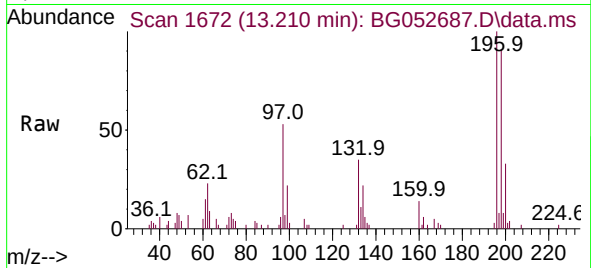




#43
2,4,6-Trichlorophenol
Concen: 6.324 ng
RT: 13.210 min Scan# 1672
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

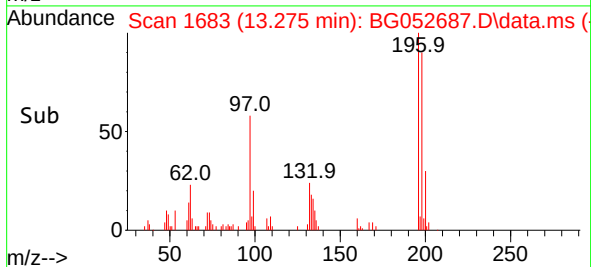
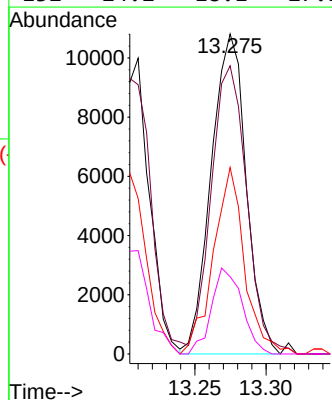
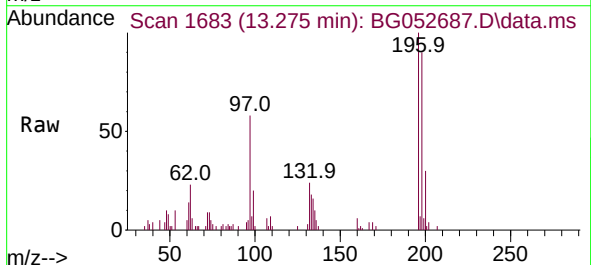
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

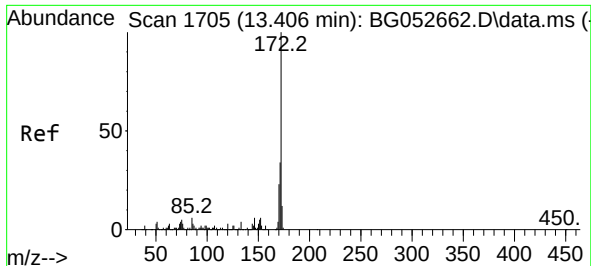
Tgt Ion:196 Resp: 16791
Ion Ratio Lower Upper
196 100
198 91.1 78.8 118.2
200 32.7 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 6.874 ng
RT: 13.275 min Scan# 1683
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:196 Resp: 18525
Ion Ratio Lower Upper
196 100
198 90.0 75.8 113.6
97 58.2 36.5 54.7#
132 24.2 18.1 27.1

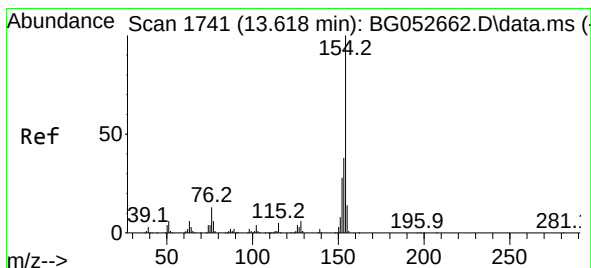
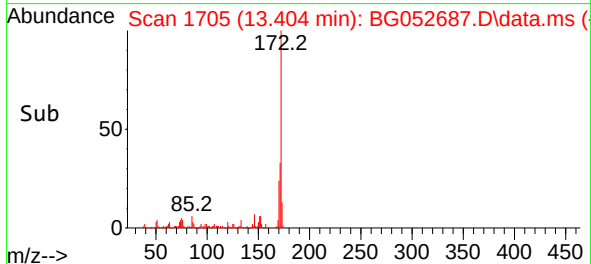
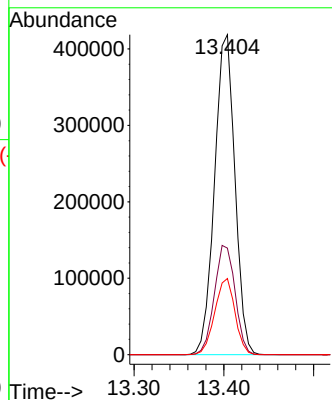
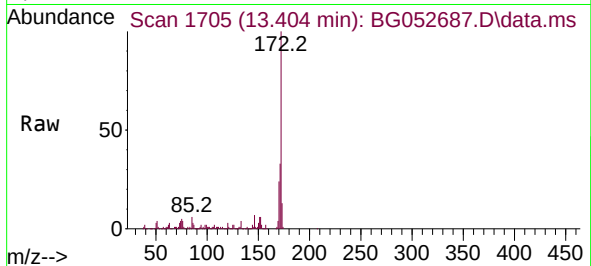




#45
2-Fluorobiphenyl
Concen: 73.237 ng
RT: 13.404 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

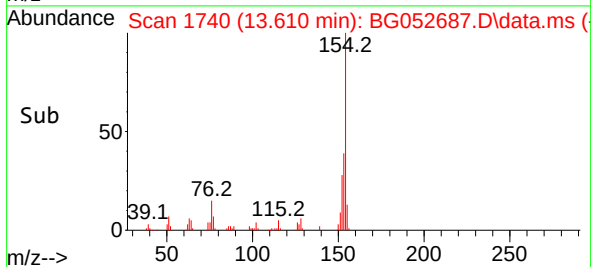
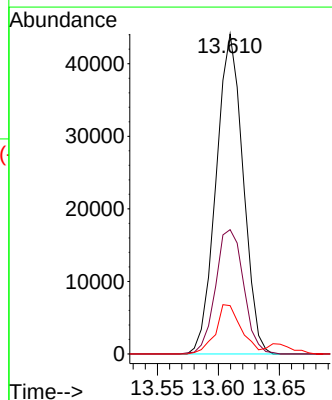
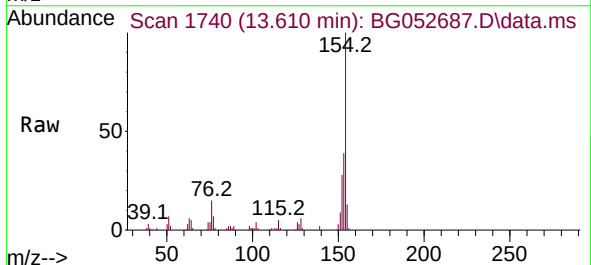
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

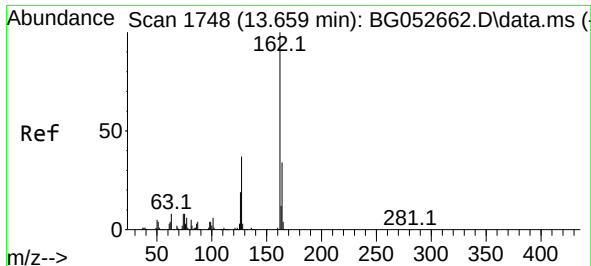
Tgt Ion:172 Resp: 658951
Ion Ratio Lower Upper
172 100
171 33.3 28.3 42.5
170 23.8 18.0 27.0



#46
1,1'-Biphenyl
Concen: 7.305 ng
RT: 13.610 min Scan# 1740
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:154 Resp: 67792
Ion Ratio Lower Upper
154 100
153 38.8 21.6 61.6
76 15.1 0.0 31.5

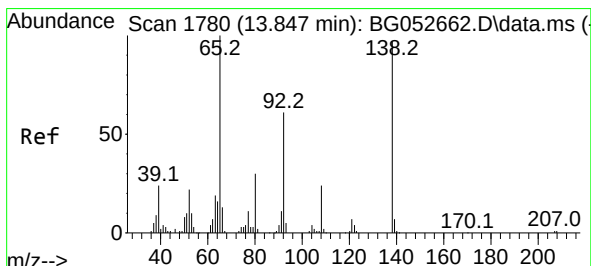
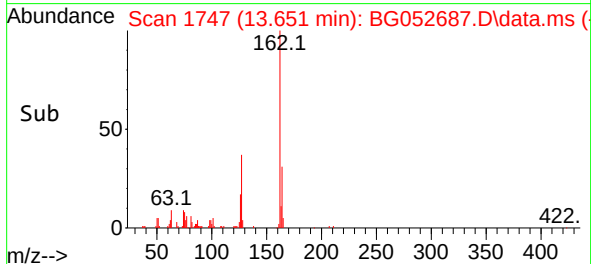
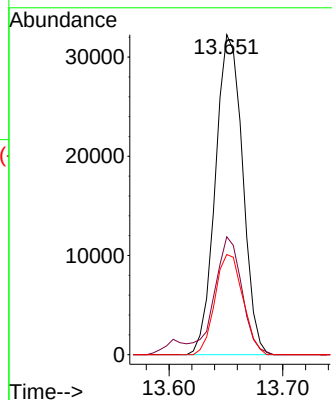
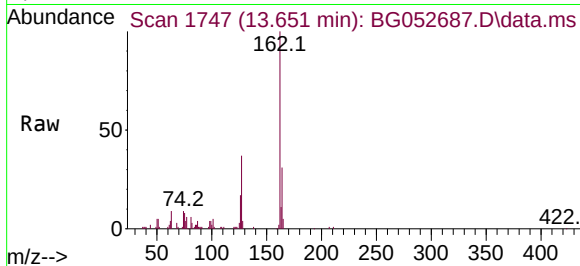




#47
2-Chloronaphthalene
Concen: 7.339 ng
RT: 13.651 min Scan# 1747
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

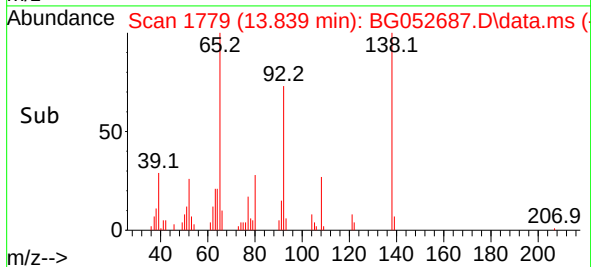
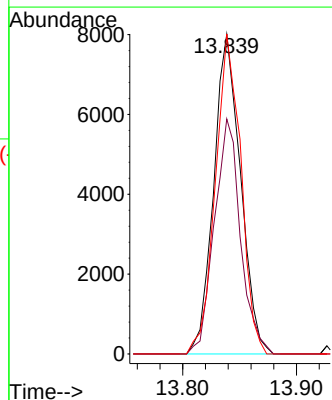
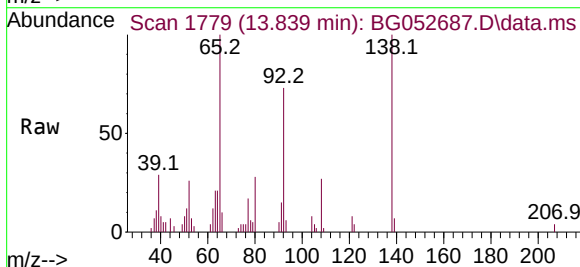
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

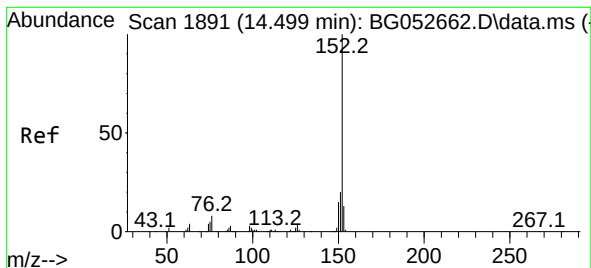
Tgt Ion:	162	Resp:	53636
Ion Ratio	Lower	Upper	
162	100		
127	36.9	28.1	42.1
164	31.3	26.0	39.0



#48
2-Nitroaniline
Concen: 6.555 ng
RT: 13.839 min Scan# 1779
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:	65	Resp:	13102
Ion Ratio	Lower	Upper	
65	100		
92	73.5	52.1	78.1
138	100.1	80.1	120.1





#49

Acenaphthylene

Concen: 7.608 ng

RT: 14.497 min Scan# 1891

Delta R.T. -0.002 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

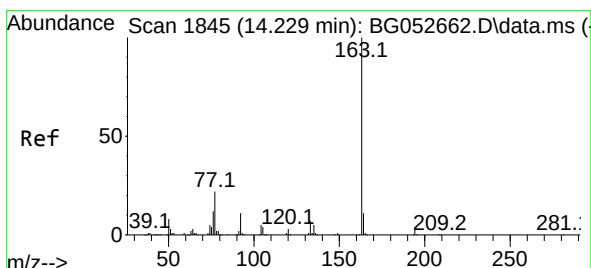
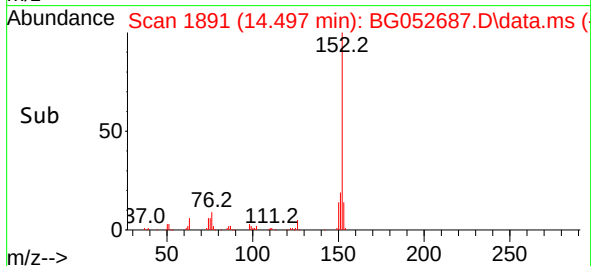
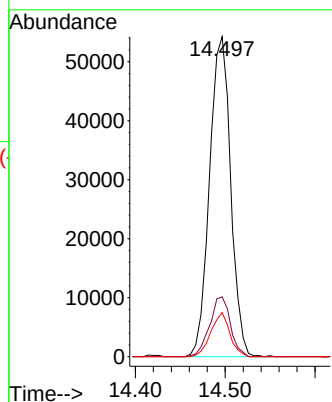
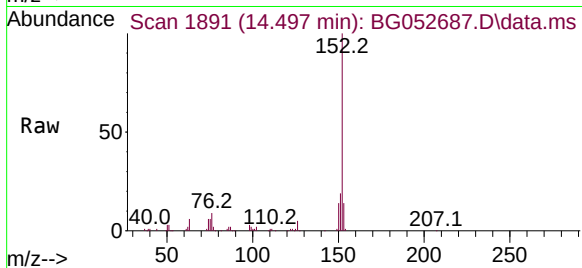
Tgt Ion:152 Resp: 88632

Ion Ratio Lower Upper

152 100

151 18.7 15.8 23.6

153 13.8 10.6 15.8



#50

Dimethylphthalate

Concen: 6.728 ng

RT: 14.215 min Scan# 1843

Delta R.T. -0.014 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

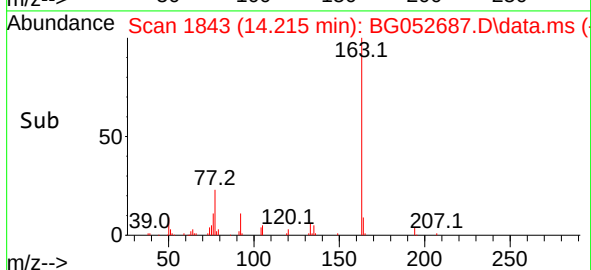
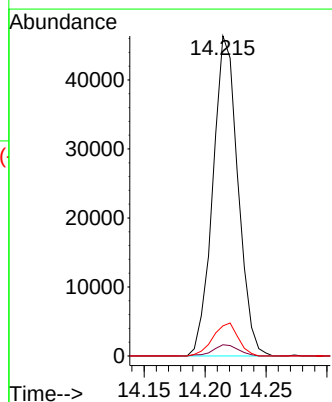
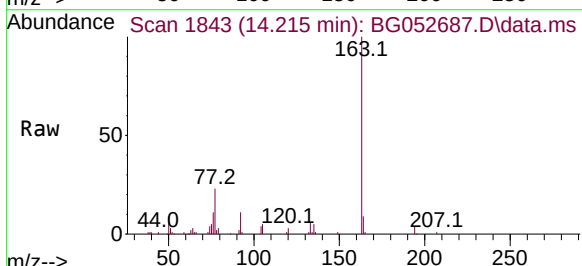
Tgt Ion:163 Resp: 66358

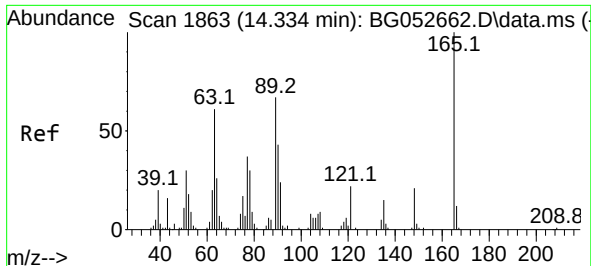
Ion Ratio Lower Upper

163 100

194 3.5 3.3 4.9

164 9.4 8.5 12.7

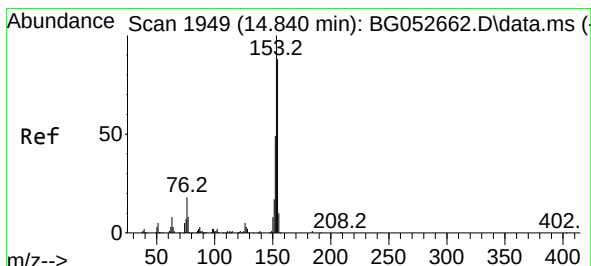
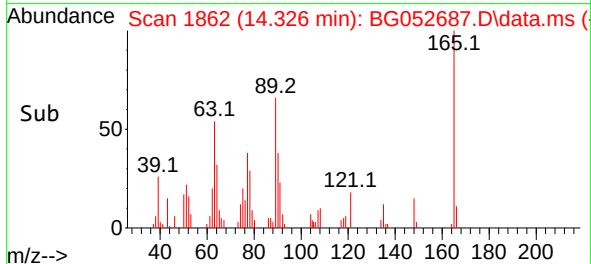
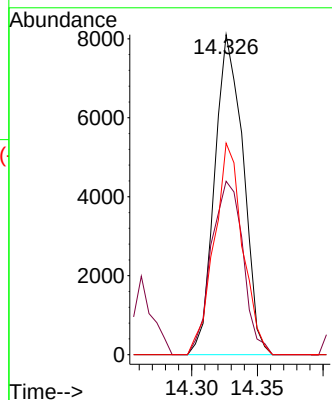
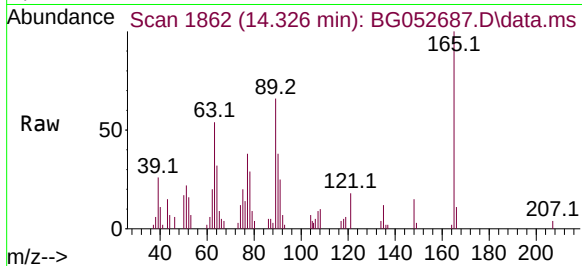




#51
2,6-Dinitrotoluene
Concen: 7.345 ng
RT: 14.326 min Scan# 1863
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

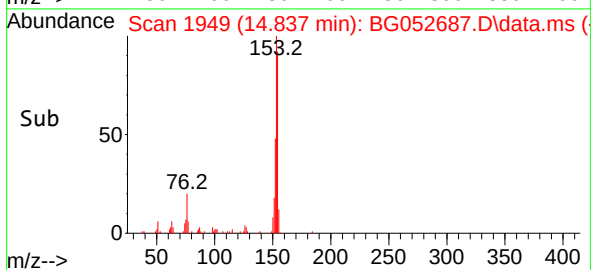
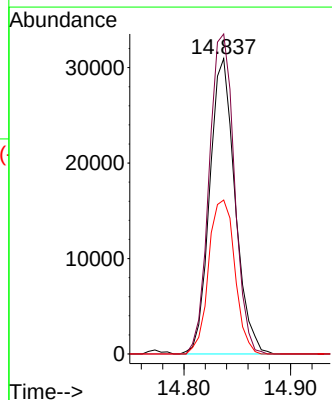
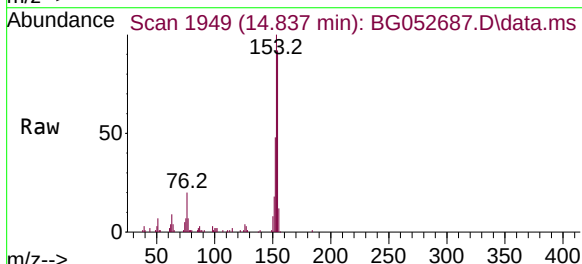
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

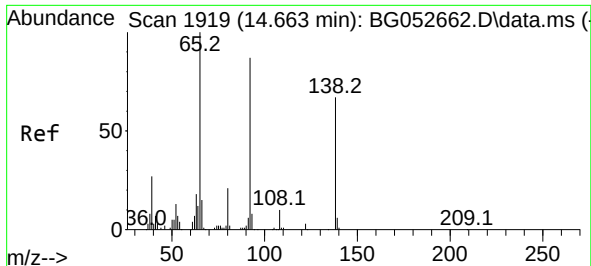
Tgt Ion:165 Resp: 12231
Ion Ratio Lower Upper
165 100
63 54.2 43.7 65.5
89 66.1 45.0 67.4



#52
Acenaphthene
Concen: 6.856 ng
RT: 14.837 min Scan# 1949
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:154 Resp: 51171
Ion Ratio Lower Upper
154 100
153 108.3 89.0 133.4
152 52.1 40.5 60.7

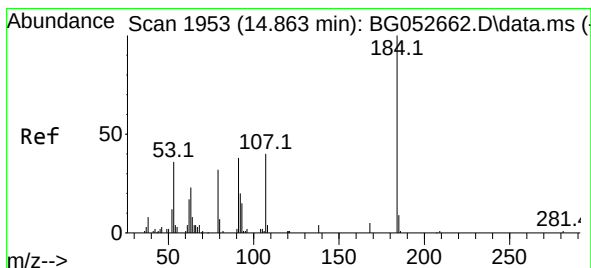
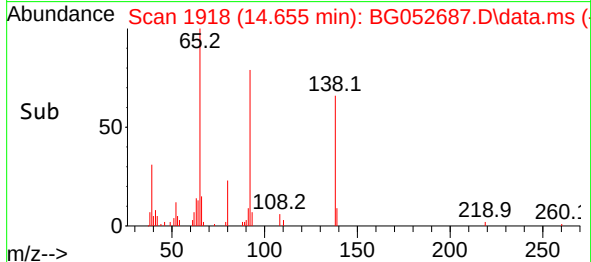
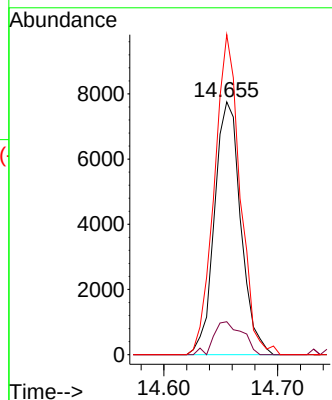
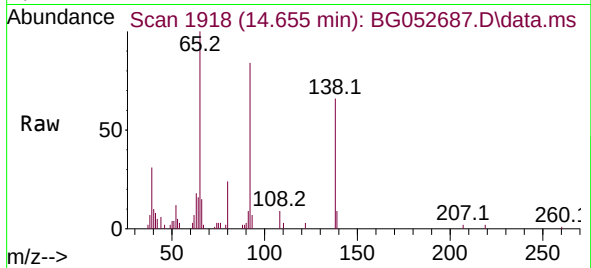




#53
3-Nitroaniline
Concen: 6.416 ng
RT: 14.655 min Scan# 1918
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

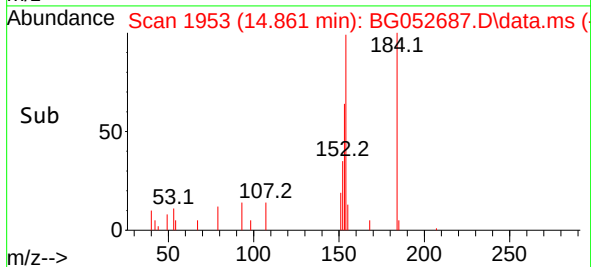
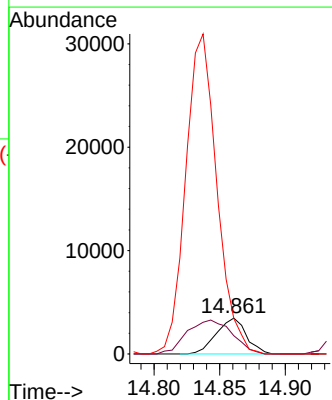
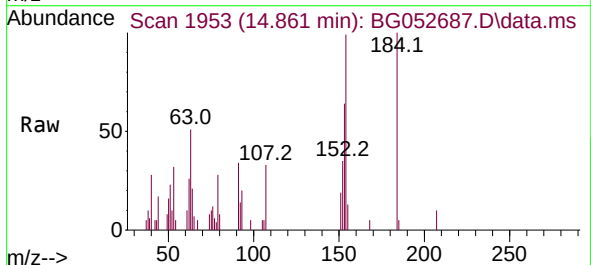
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

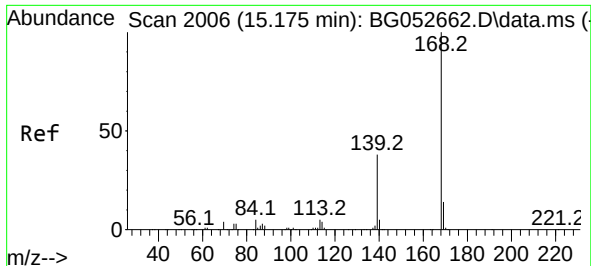
Tgt Ion:138 Resp: 12502
Ion Ratio Lower Upper
138 100
108 13.0 8.0 12.0#
92 126.6 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 6.043 ng
RT: 14.861 min Scan# 1953
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:184 Resp: 5485
Ion Ratio Lower Upper
184 100
63 51.1 51.8 77.6#
154 99.4 47.8 71.6#

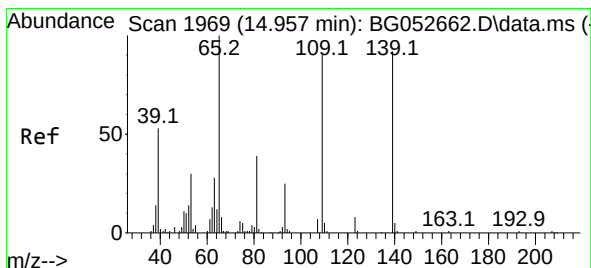
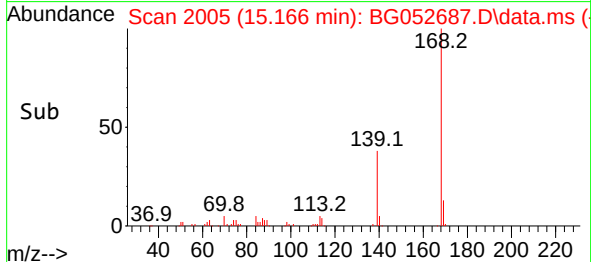
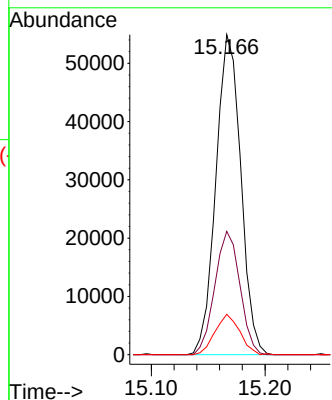
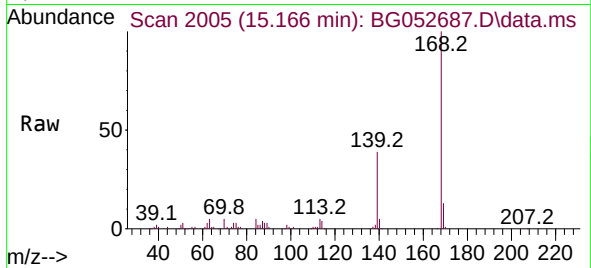




#55
Dibenzenofuran
Concen: 6.858 ng
RT: 15.166 min Scan# 2006
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

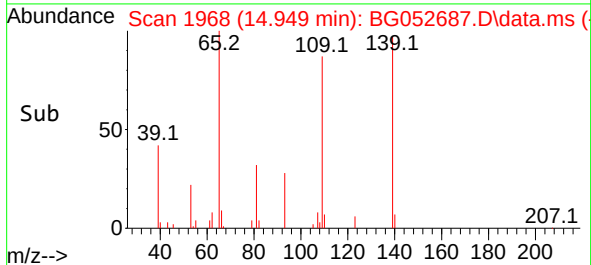
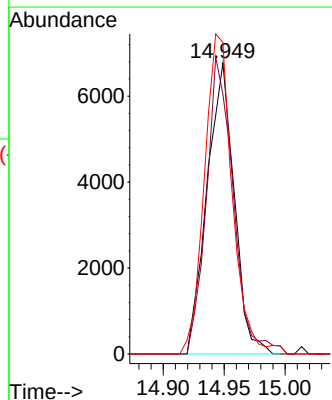
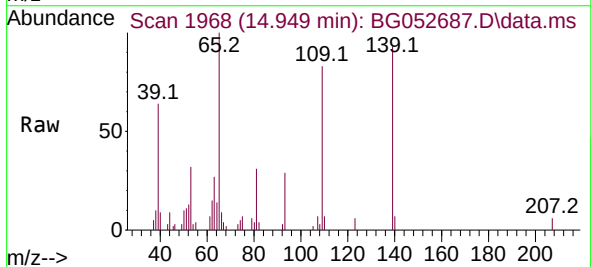
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

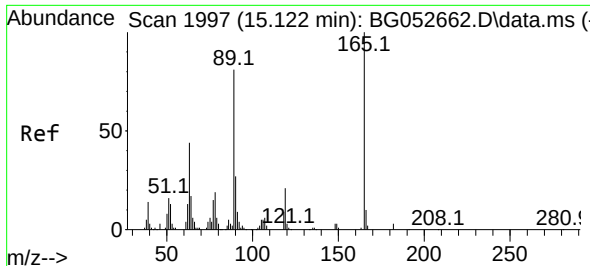
Tgt Ion:168 Resp: 83587
Ion Ratio Lower Upper
168 100
139 38.5 30.2 45.4
169 12.6 10.7 16.1



#56
4-Nitrophenol
Concen: 6.616 ng
RT: 14.949 min Scan# 1968
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:139 Resp: 10516
Ion Ratio Lower Upper
139 100
109 89.2 67.1 107.1
65 107.0 88.2 128.2

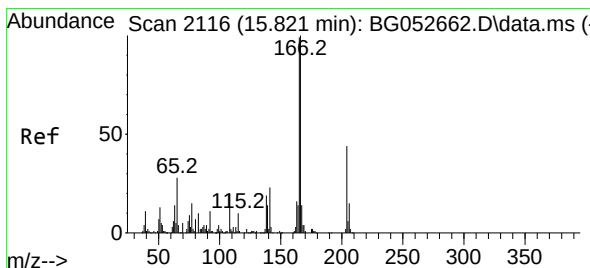
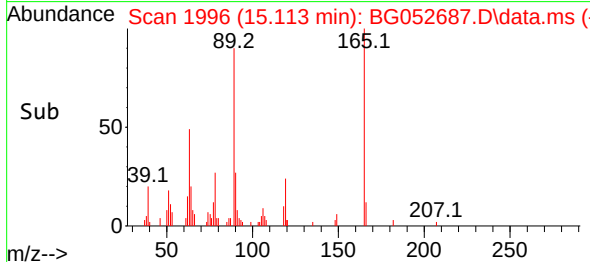
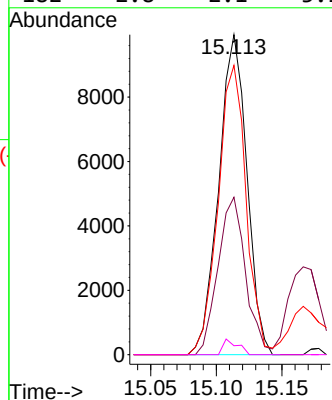
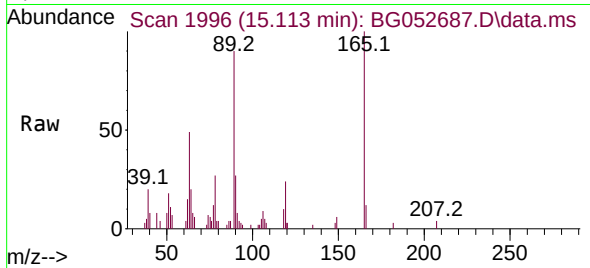




#57
2,4-Dinitrotoluene
Concen: 6.421 ng
RT: 15.113 min Scan# 1996
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

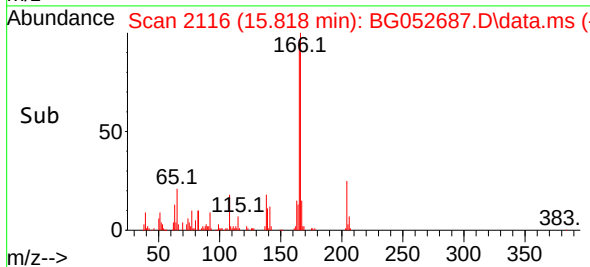
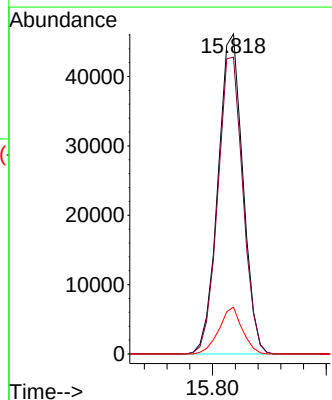
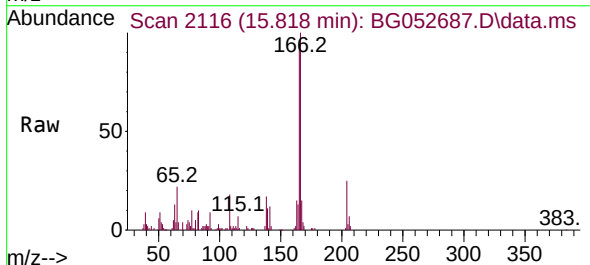
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

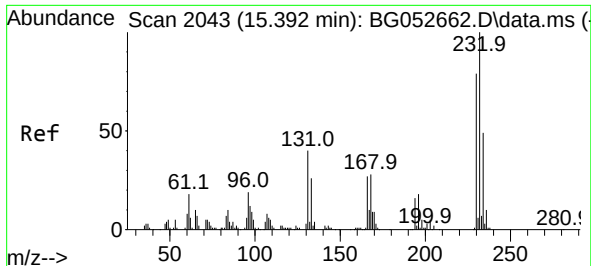
Tgt Ion:165 Resp: 14835
Ion Ratio Lower Upper
165 100
63 49.2 34.8 52.2
89 90.4 57.4 86.0#
182 2.8 2.1 3.1



#58
Fluorene
Concen: 7.045 ng
RT: 15.818 min Scan# 2116
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:166 Resp: 69989
Ion Ratio Lower Upper
166 100
165 92.8 78.6 117.8
167 14.6 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.028 ng

RT: 15.389 min Scan# 2043

Delta R.T. -0.002 min

Lab File: BG052687.D

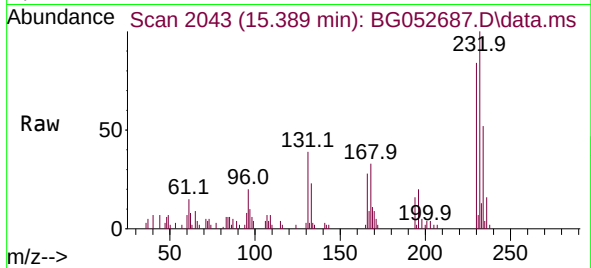
Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022



Tgt Ion:232 Resp: 17364

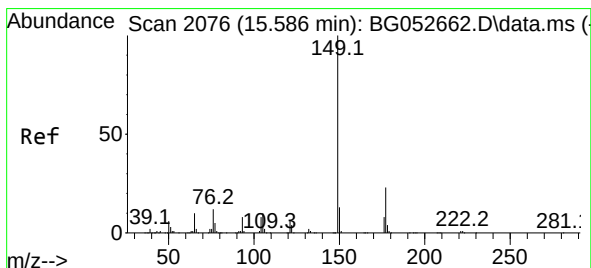
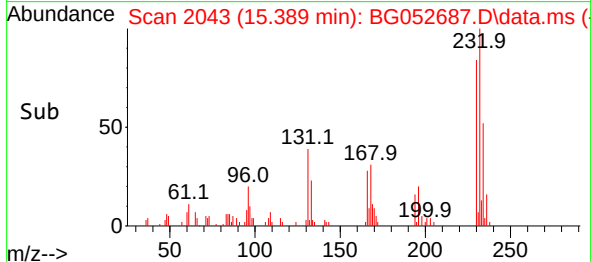
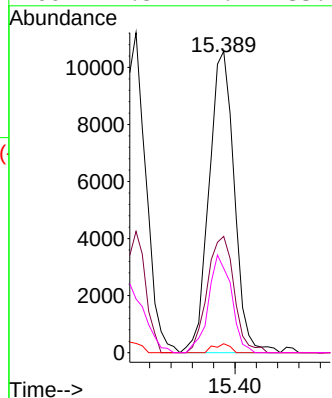
Ion Ratio Lower Upper

232 100

131 40.9 30.1 45.1

130 1.9 1.8 2.8

166 29.5 22.2 33.2



#60

Diethylphthalate

Concen: 6.527 ng

RT: 15.577 min Scan# 2075

Delta R.T. -0.008 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

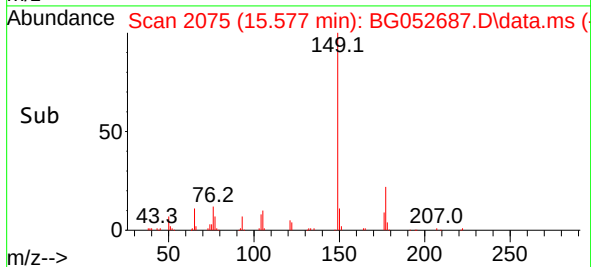
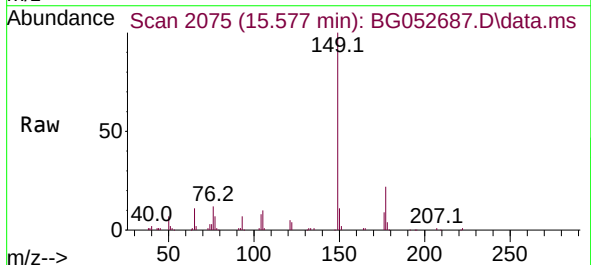
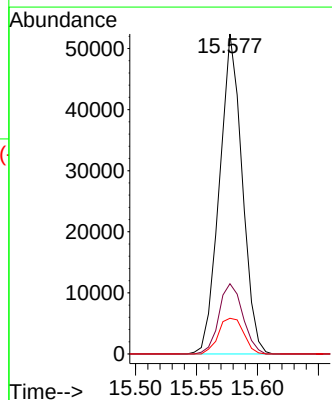
Tgt Ion:149 Resp: 67952

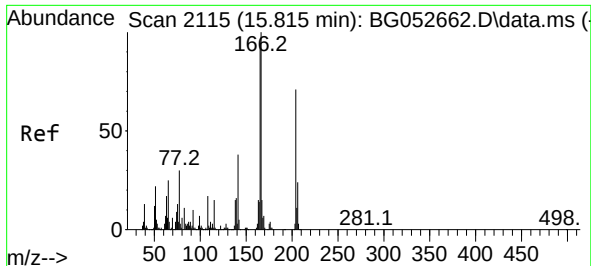
Ion Ratio Lower Upper

149 100

177 21.9 18.2 27.2

150 11.1 9.9 14.9

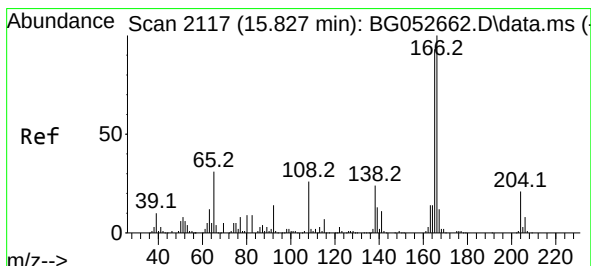
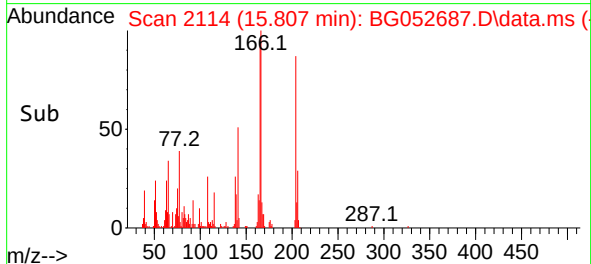
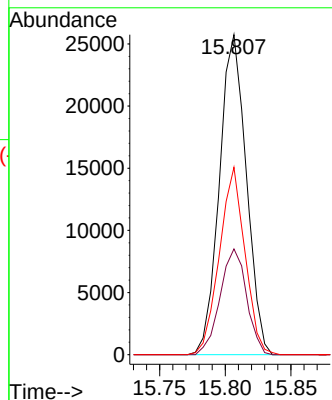
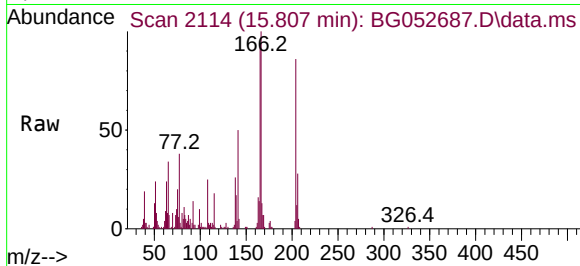




#61
4-Chlorophenyl-phenylether
Concen: 6.696 ng
RT: 15.807 min Scan# 2114
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

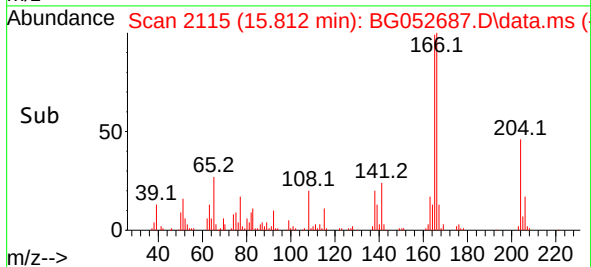
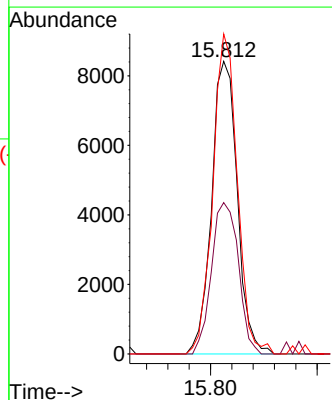
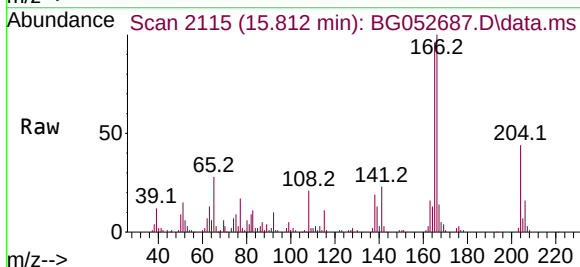
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

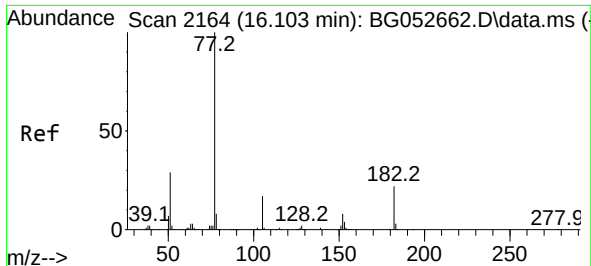
Tgt Ion:204 Resp: 36690
Ion Ratio Lower Upper
204 100
206 33.1 28.3 42.5
141 58.6 45.8 68.8



#62
4-Nitroaniline
Concen: 6.815 ng
RT: 15.812 min Scan# 2115
Delta R.T. -0.014 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:138 Resp: 14031
Ion Ratio Lower Upper
138 100
92 51.7 33.3 73.3
108 109.4 74.2 114.2

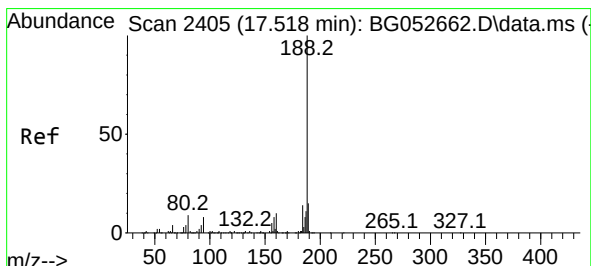
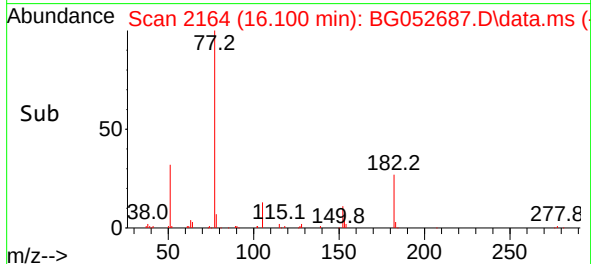
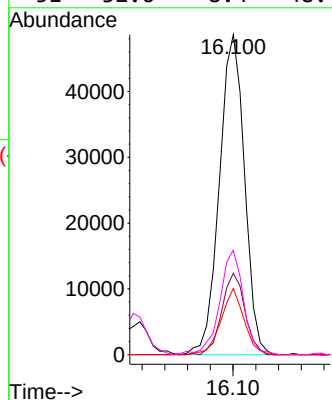
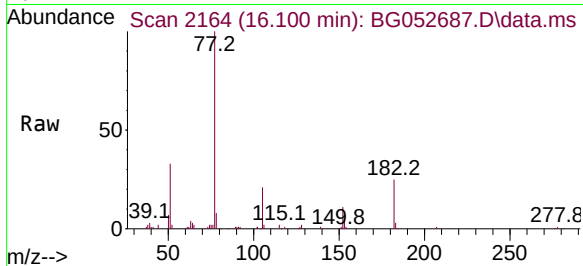




#63
Azobenzene
Concen: 6.697 ng
RT: 16.100 min Scan# 2164
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

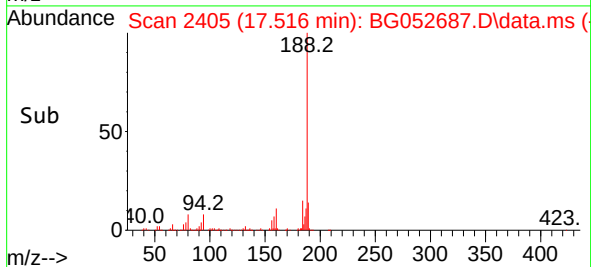
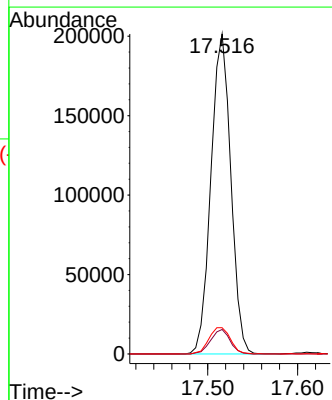
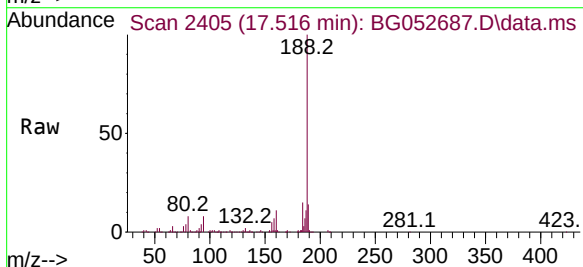
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

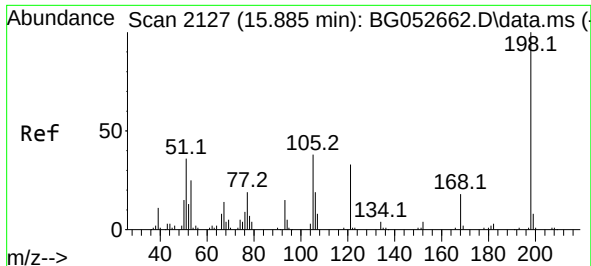
Tgt Ion: 77	Resp: 74513
Ion Ratio	Lower Upper
77 100	
182 25.5	5.6 45.6
105 20.7	0.0 38.8
51 32.6	8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.516 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion: 188	Resp: 308903
Ion Ratio	Lower Upper
188 100	
94 7.6	5.7 8.5
80 8.2	7.2 10.8

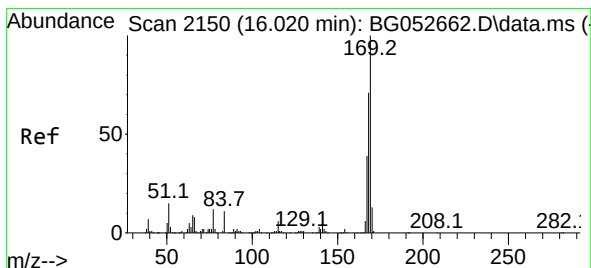
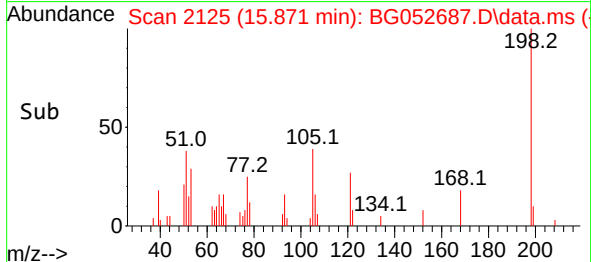
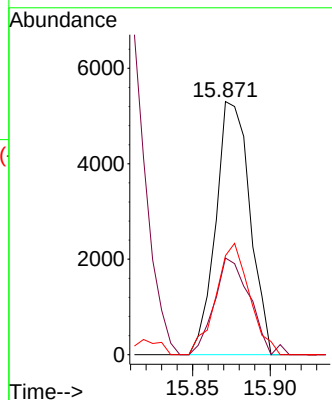
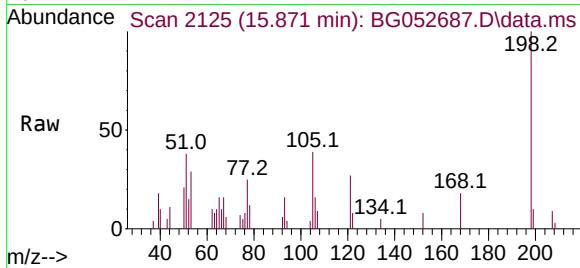




#65
4,6-Dinitro-2-methylphenol
Concen: 5.888 ng
RT: 15.871 min Scan# 2127
Delta R.T. -0.014 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

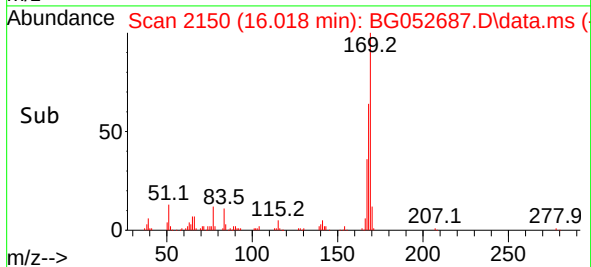
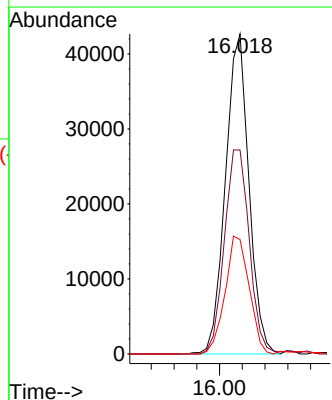
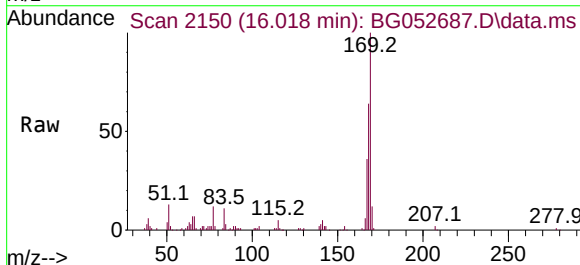
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

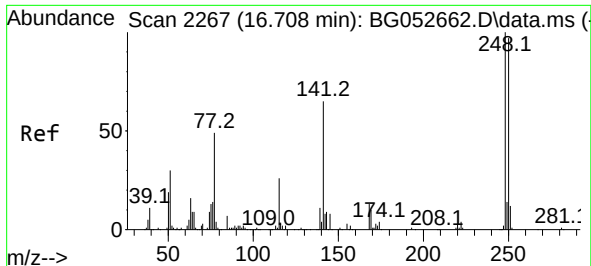
Tgt Ion:198 Resp: 8108
Ion Ratio Lower Upper
198 100
51 38.2 21.7 61.7
105 39.2 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 7.027 ng
RT: 16.018 min Scan# 2150
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:169 Resp: 61110
Ion Ratio Lower Upper
169 100
168 63.7 54.5 81.7
167 35.8 29.6 44.4

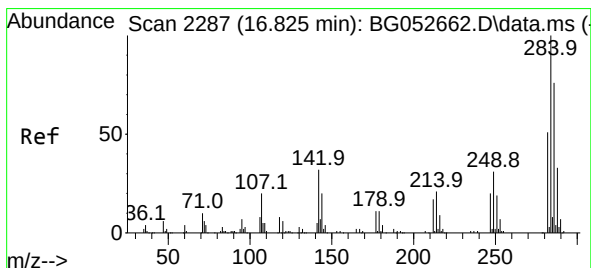
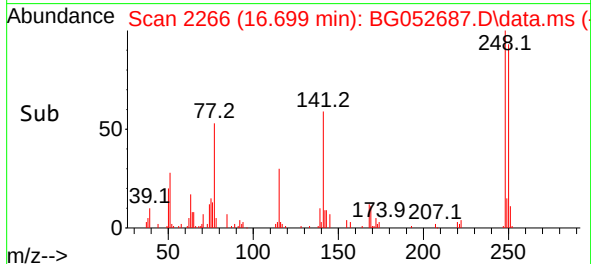
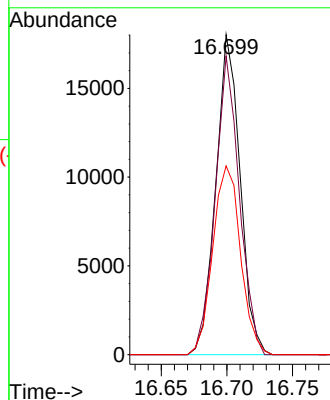
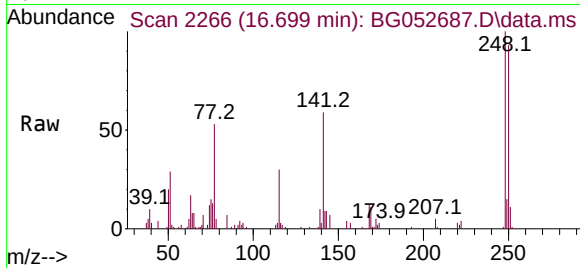




#67
4-Bromophenyl-phenylether
Concen: 6.230 ng
RT: 16.699 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

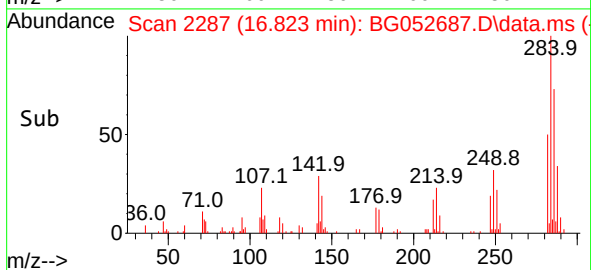
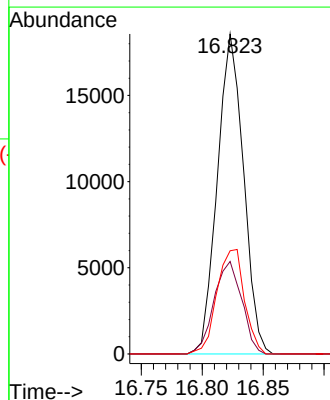
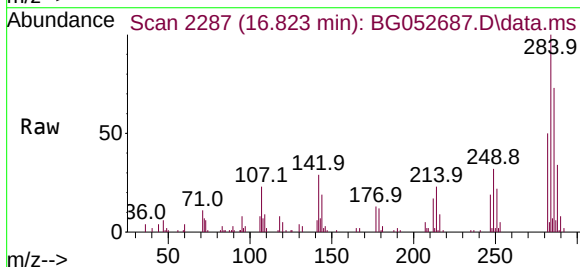
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

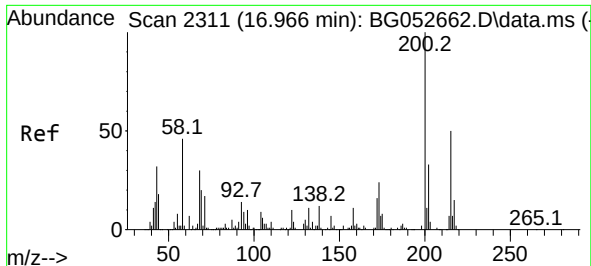
Tgt Ion:248 Resp: 23200
Ion Ratio Lower Upper
248 100
250 93.3 77.9 116.9
141 59.0 49.2 73.8



#68
Hexachlorobenzene
Concen: 6.921 ng
RT: 16.823 min Scan# 2287
Delta R.T. -0.002 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:284 Resp: 27705
Ion Ratio Lower Upper
284 100
142 28.9 21.0 31.4
249 32.2 22.7 34.1

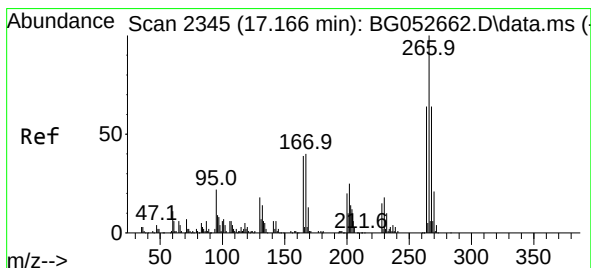
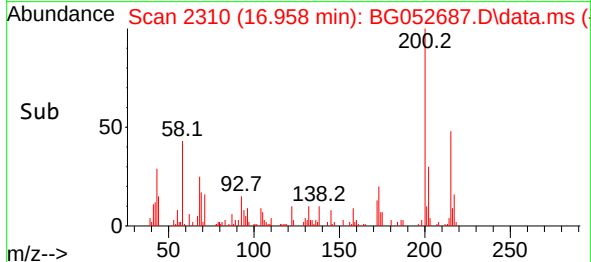
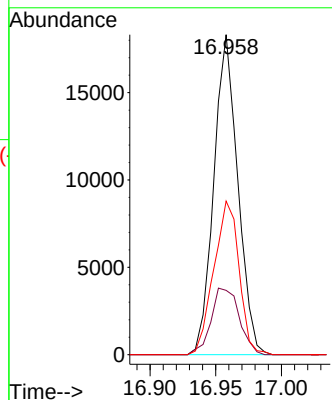
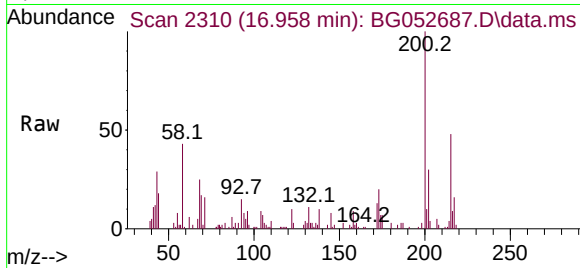




#69
Atrazine
Concen: 7.244 ng
RT: 16.958 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

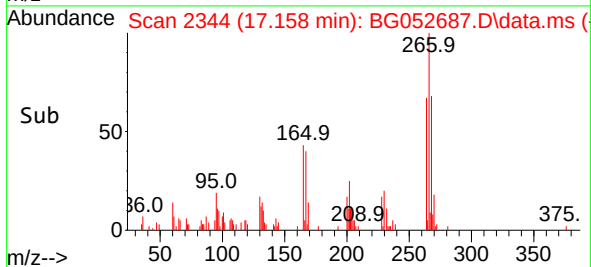
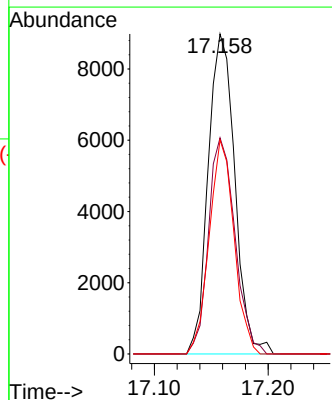
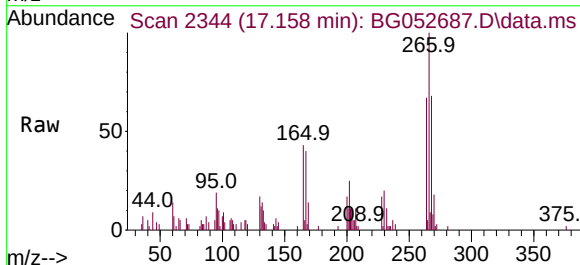
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

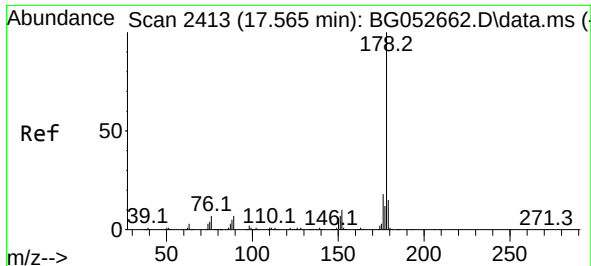
Tgt Ion:200 Resp: 23229
Ion Ratio Lower Upper
200 100
173 20.1 3.8 43.8
215 48.0 26.3 66.3



#70
Pentachlorophenol
Concen: 5.877 ng
RT: 17.158 min Scan# 2344
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:266 Resp: 14595
Ion Ratio Lower Upper
266 100
268 67.6 45.9 68.9
264 66.9 45.3 67.9

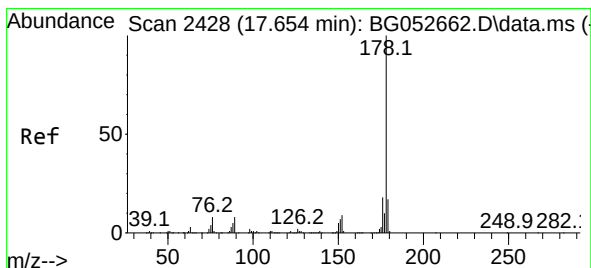
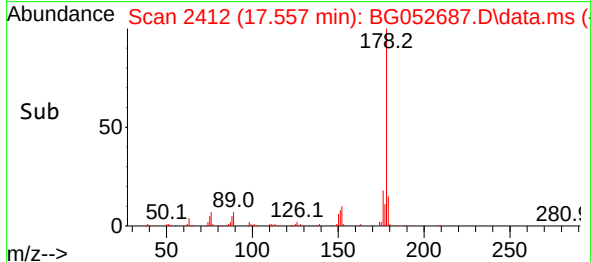
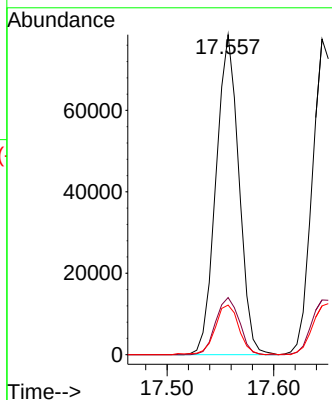
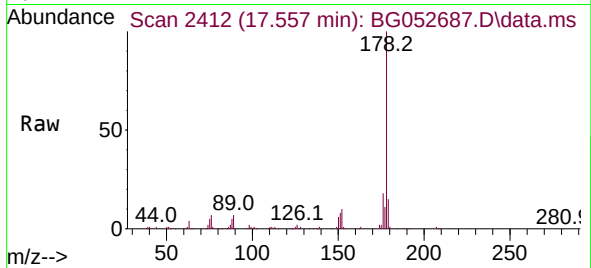




#71
Phenanthrene
Concen: 7.078 ng
RT: 17.557 min Scan# 2413
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

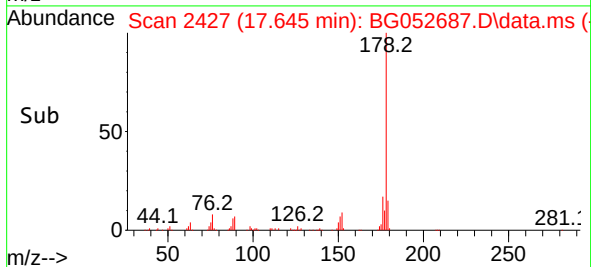
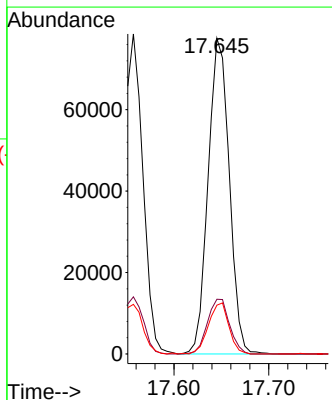
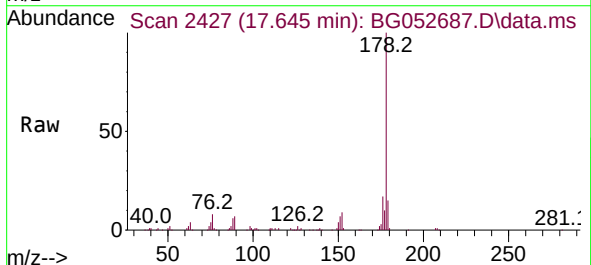
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

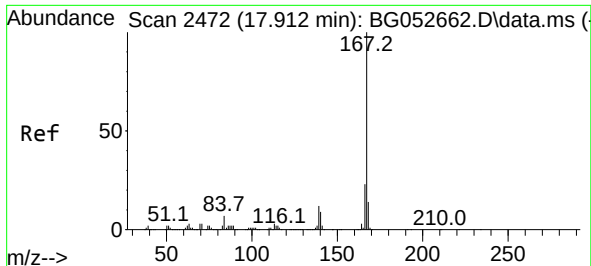
Tgt Ion:178 Resp: 116975
Ion Ratio Lower Upper
178 100
176 17.8 15.9 23.9
179 15.5 13.4 20.2



#72
Anthracene
Concen: 7.347 ng
RT: 17.645 min Scan# 2427
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:178 Resp: 120023
Ion Ratio Lower Upper
178 100
176 17.3 14.7 22.1
179 15.5 13.2 19.8

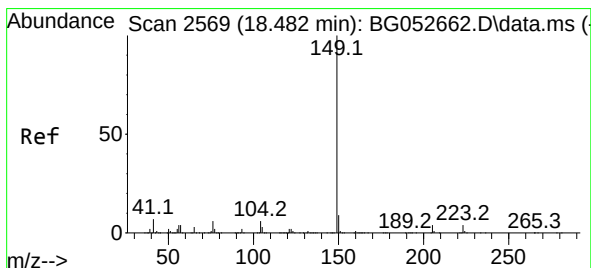
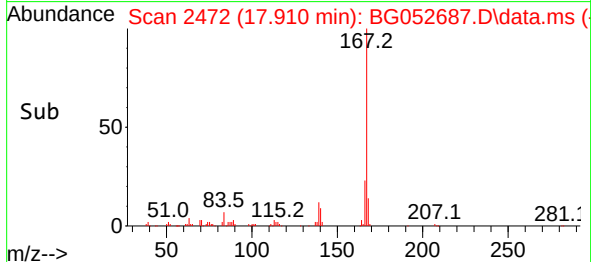
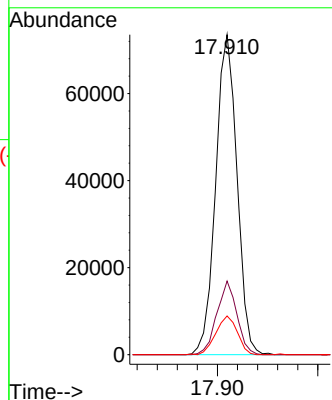
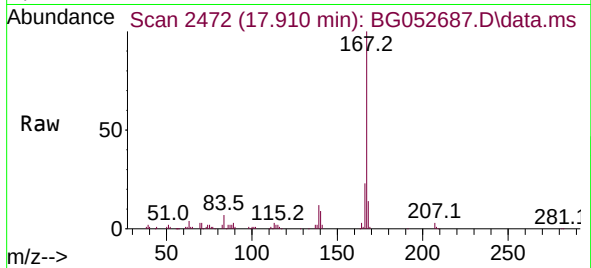




#73
 Carbazole
 Concen: 6.682 ng
 RT: 17.910 min Scan# 2472
 Delta R.T. -0.002 min
 Lab File: BG052687.D
 Acq: 17 Mar 2022 11:32

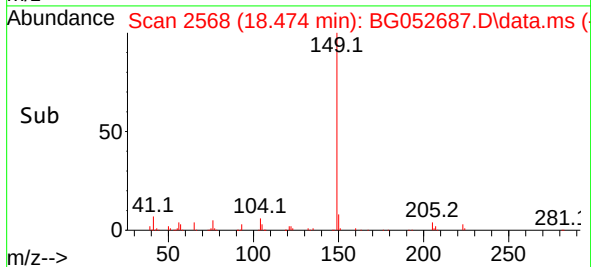
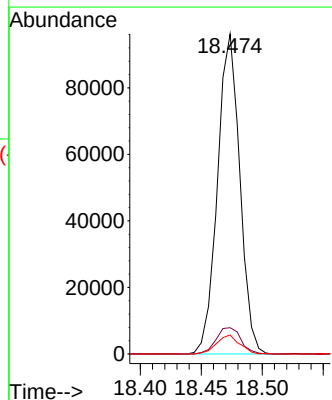
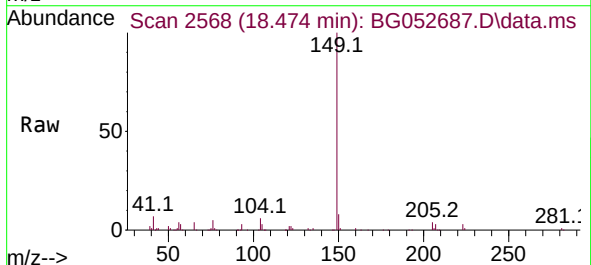
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-03-QT1-2022

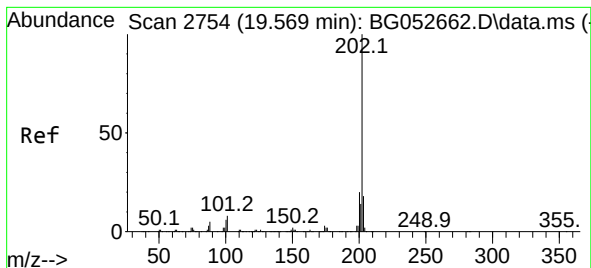
Tgt Ion:167 Resp: 108118
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.5 27.7
 139 12.1 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 6.931 ng
 RT: 18.474 min Scan# 2568
 Delta R.T. -0.008 min
 Lab File: BG052687.D
 Acq: 17 Mar 2022 11:32

Tgt Ion:149 Resp: 122508
 Ion Ratio Lower Upper
 149 100
 150 8.2 7.0 10.6
 104 5.9 4.6 7.0





#75

Fluoranthene

Concen: 7.197 ng

RT: 19.560 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

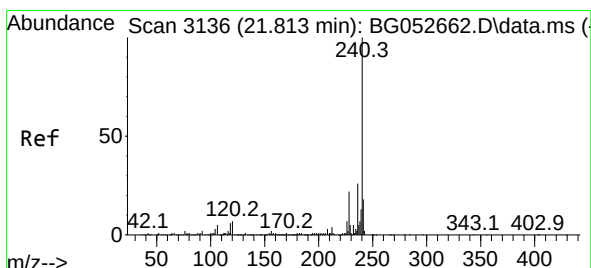
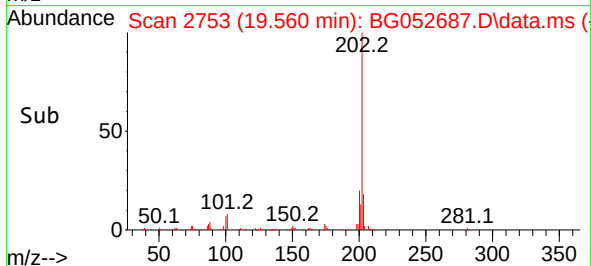
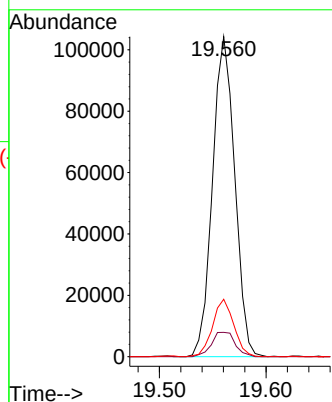
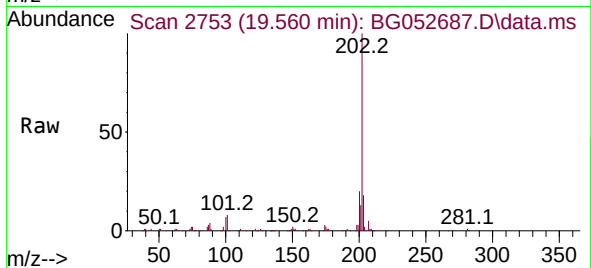
Tgt Ion:202 Resp: 150979

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.3

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.804 min Scan# 3135

Delta R.T. -0.008 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

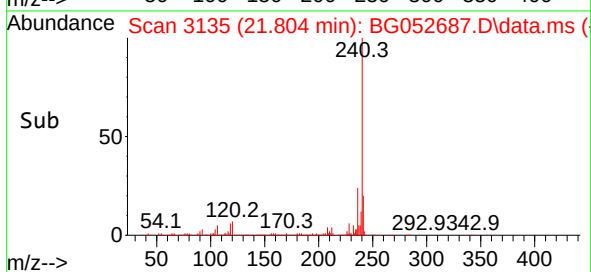
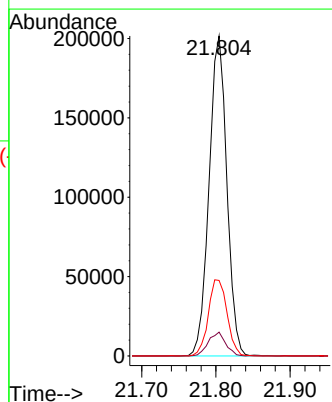
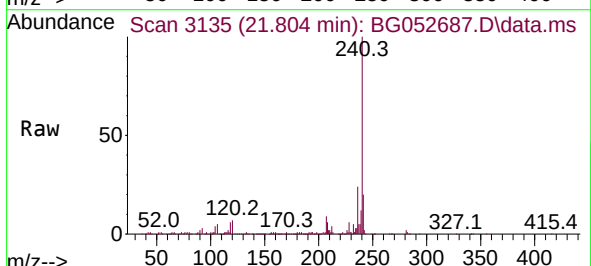
Tgt Ion:240 Resp: 335152

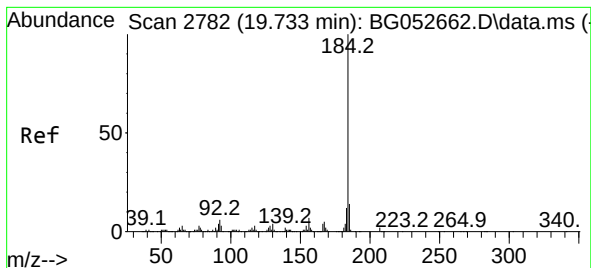
Ion Ratio Lower Upper

240 100

120 7.4 5.4 8.0

236 23.6 19.8 29.6





#77

Benzidine

Concen: 7.762 ng

RT: 19.731 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

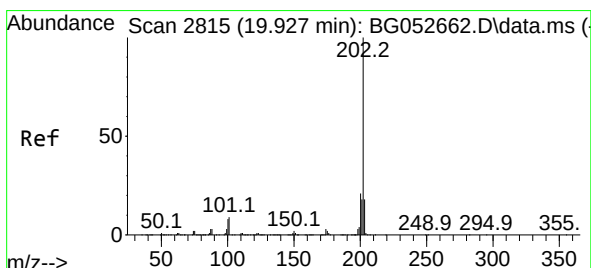
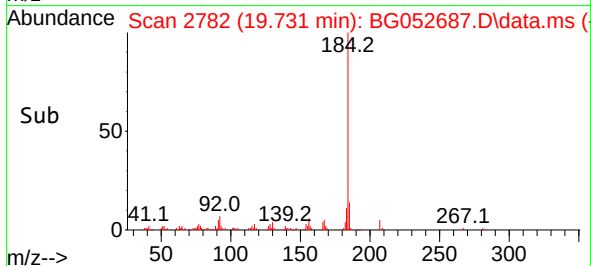
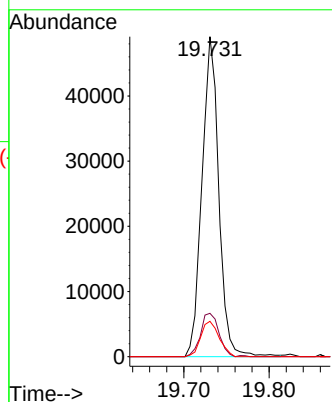
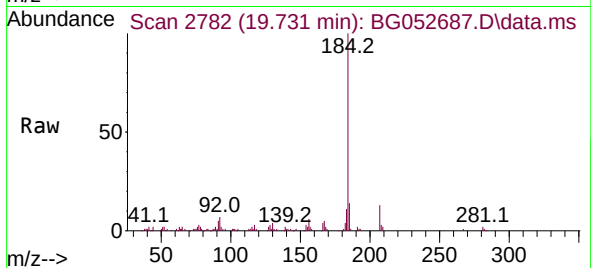
Tgt Ion:184 Resp: 67099

Ion Ratio Lower Upper

184 100

185 13.5 11.5 17.3

183 11.0 9.4 14.2



#78

Pyrene

Concen: 6.767 ng

RT: 19.925 min Scan# 2815

Delta R.T. -0.002 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

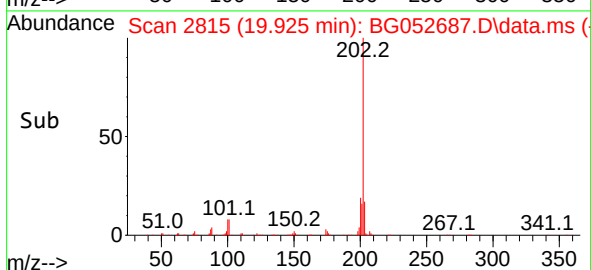
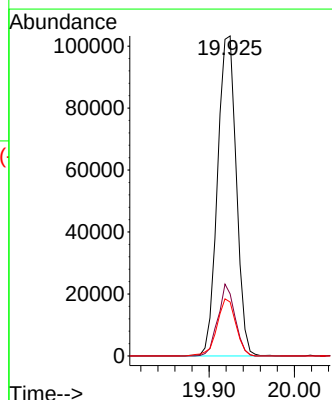
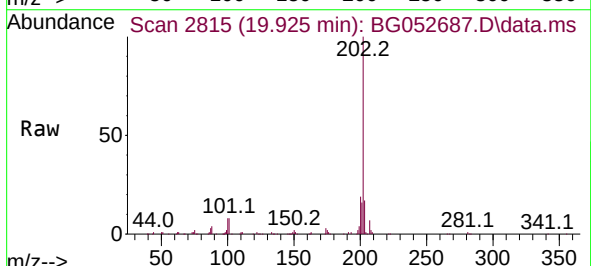
Tgt Ion:202 Resp: 157328

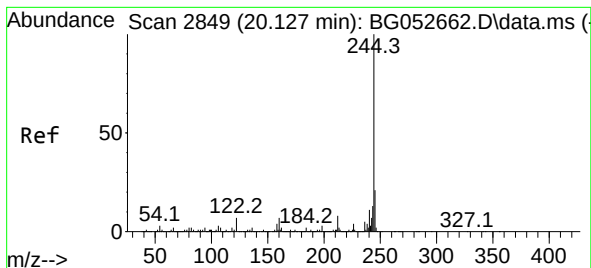
Ion Ratio Lower Upper

202 100

200 19.4 17.0 25.6

203 16.8 15.0 22.6





#79

Terphenyl-d14

Concen: 69.817 ng

RT: 20.118 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

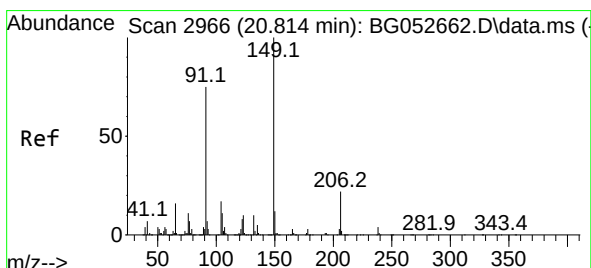
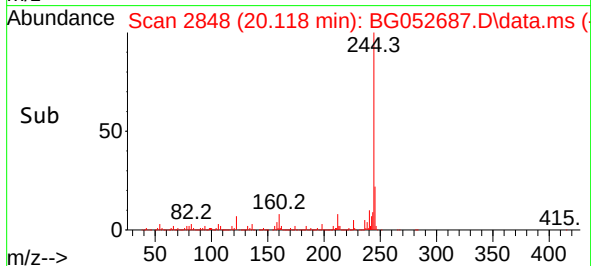
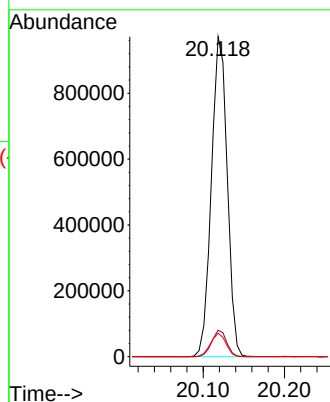
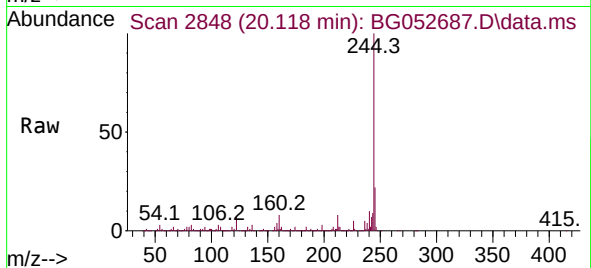
Tgt Ion:244 Resp: 1315411

Ion Ratio Lower Upper

244 100

212 8.3 5.4 8.2#

122 7.3 5.8 8.6



#80

Butylbenzylphthalate

Concen: 5.938 ng

RT: 20.806 min Scan# 2965

Delta R.T. -0.008 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

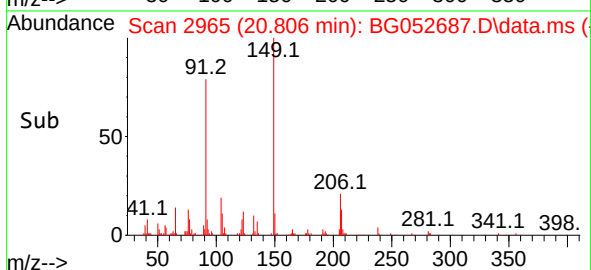
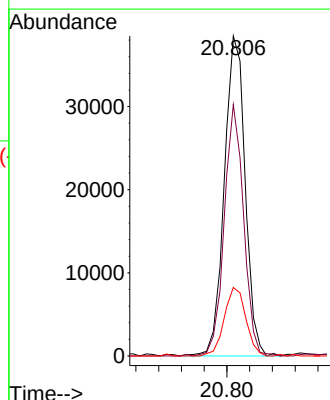
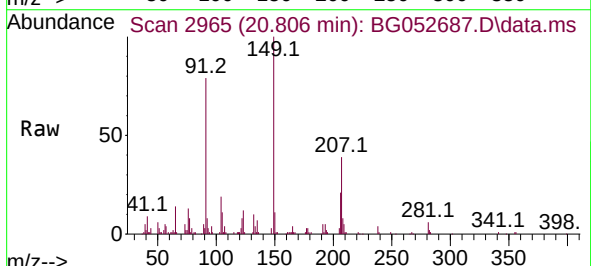
Tgt Ion:149 Resp: 48972

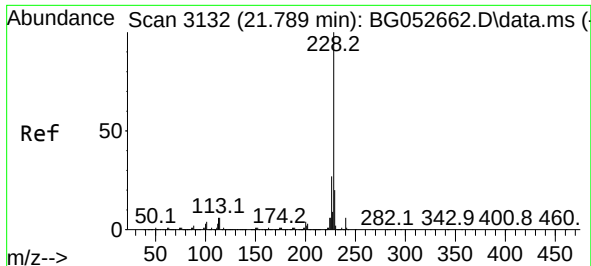
Ion Ratio Lower Upper

149 100

91 78.6 60.2 90.4

206 21.4 19.4 29.2

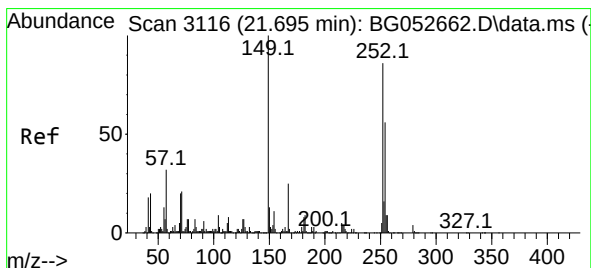
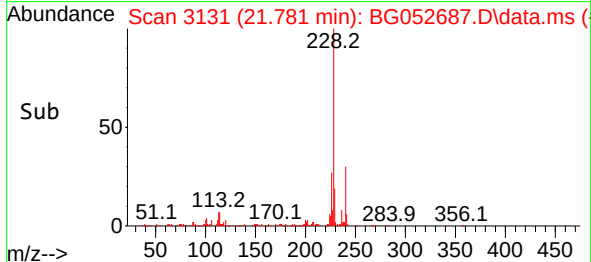
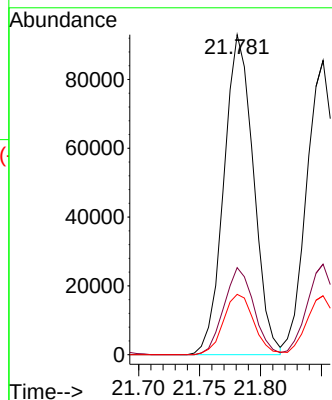
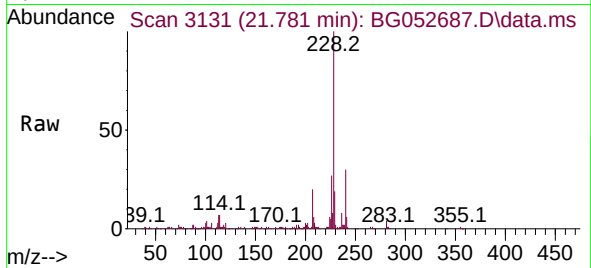




#81
Benzo(a)anthracene
Concen: 7.003 ng
RT: 21.781 min Scan# 3115
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

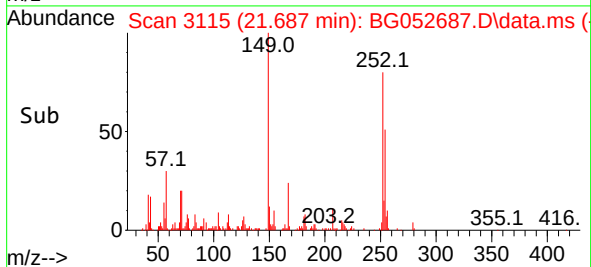
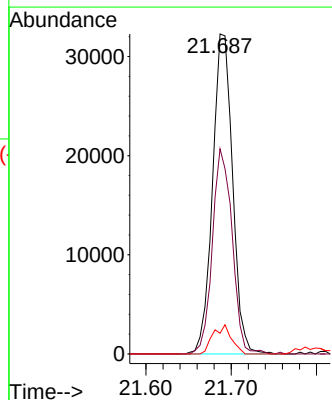
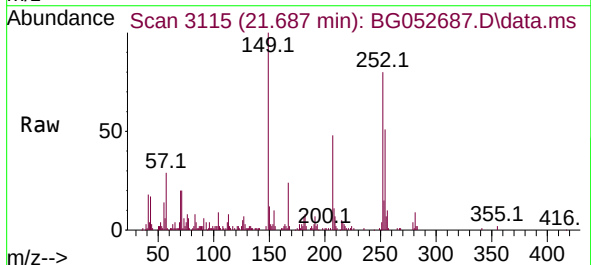
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

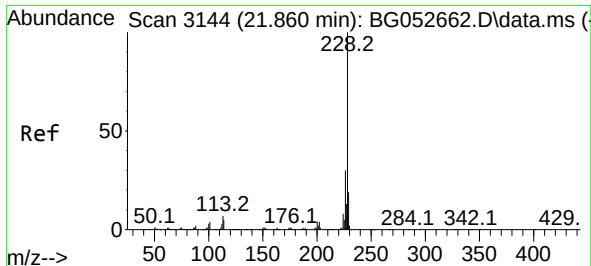
Tgt Ion:228 Resp: 157155
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 18.8 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 6.641 ng
RT: 21.687 min Scan# 3115
Delta R.T. -0.008 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:252 Resp: 52628
Ion Ratio Lower Upper
252 100
254 64.1 51.2 76.8
126 6.5 5.8 8.8





#83

Chrysene

Concen: 6.768 ng

RT: 21.851 min Scan# 3116

Delta R.T. -0.008 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

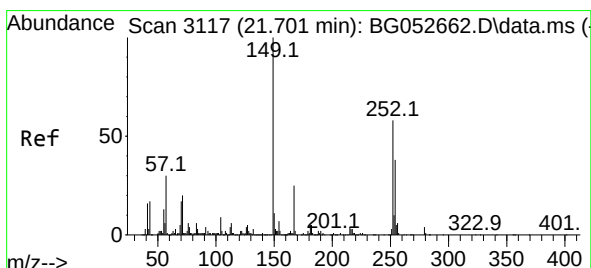
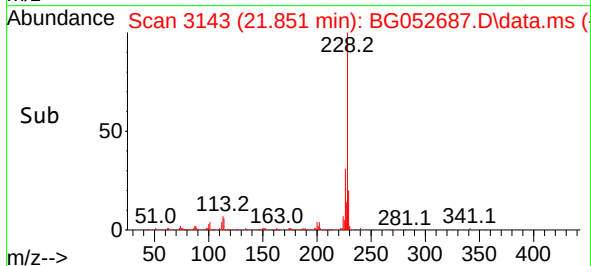
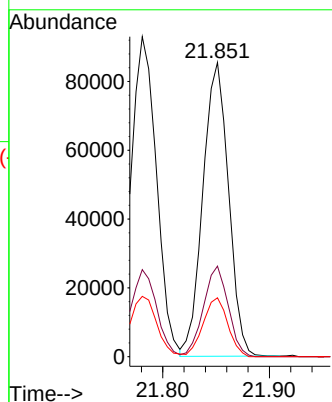
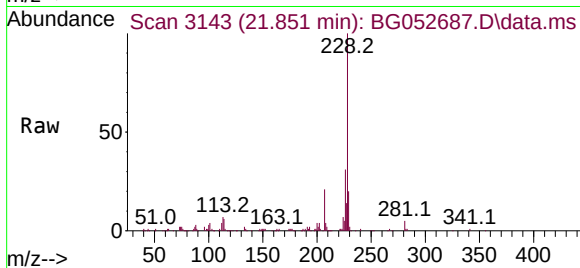
Tgt Ion:228 Resp: 142793

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 20.0 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.376 ng

RT: 21.693 min Scan# 3116

Delta R.T. -0.008 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

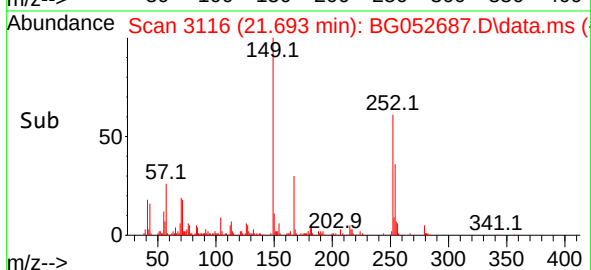
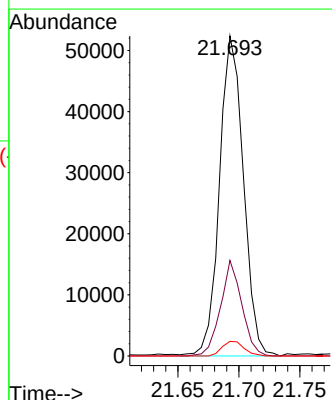
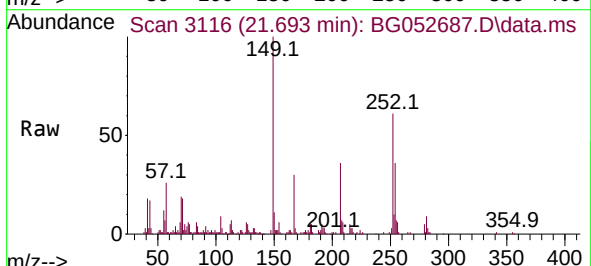
Tgt Ion:149 Resp: 71514

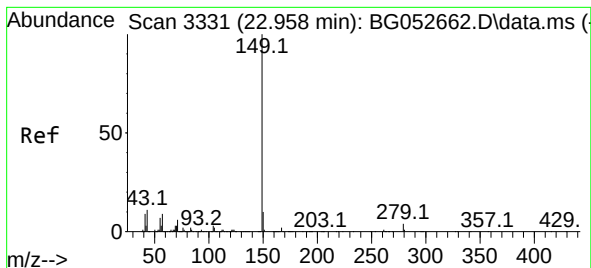
Ion Ratio Lower Upper

149 100

167 29.8 21.4 32.2

279 4.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 6.127 ng

RT: 22.944 min Scan# 31

Delta R.T. -0.014 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

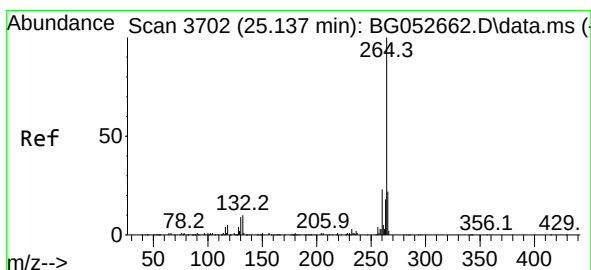
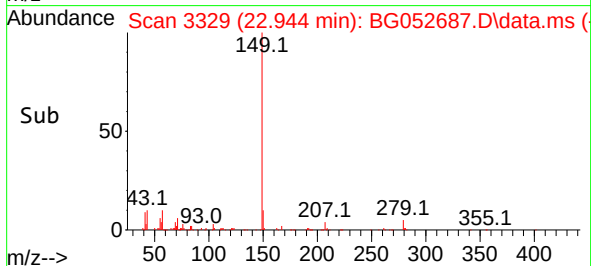
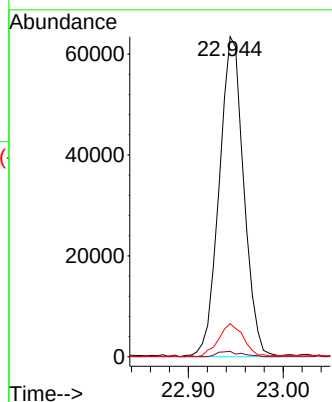
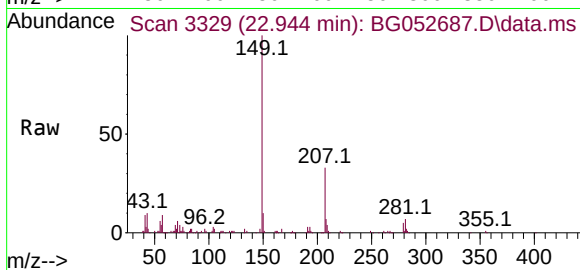
Tgt Ion:149 Resp: 114387

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.123 min Scan# 3700

Delta R.T. -0.014 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

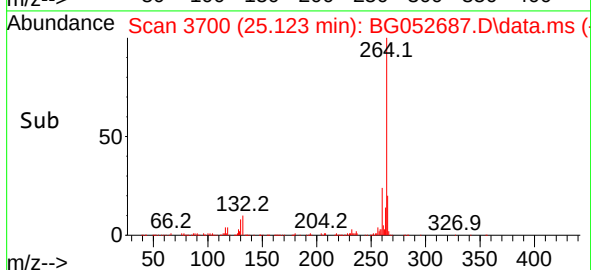
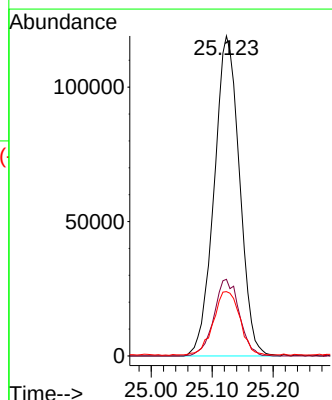
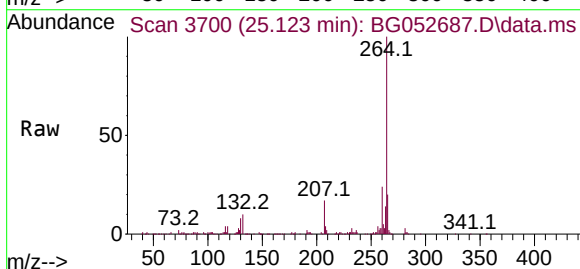
Tgt Ion:264 Resp: 343837

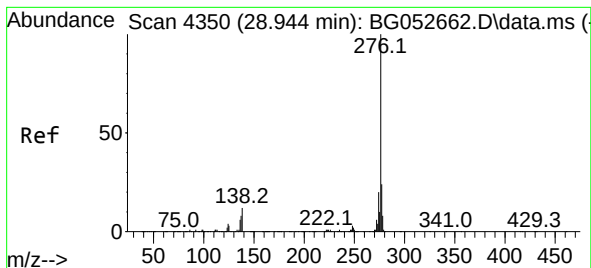
Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 20.1 15.1 22.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.822 ng

RT: 28.906 min Scan# 41

Delta R.T. -0.038 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT1-2022

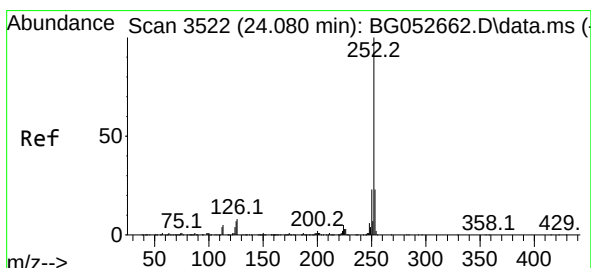
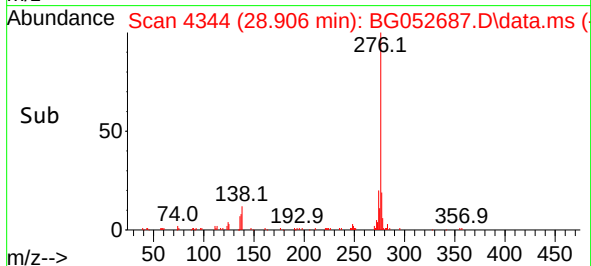
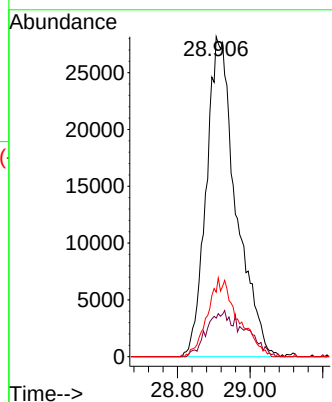
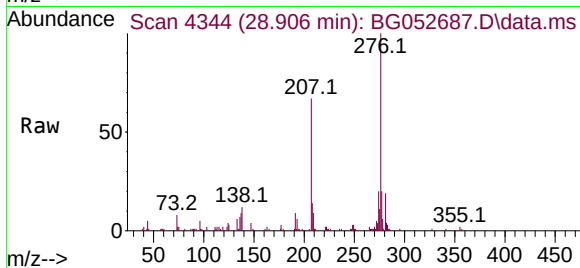
Tgt Ion:276 Resp: 160554

Ion Ratio Lower Upper

276 100

138 0.0 8.7 13.1#

277 11.2 20.2 30.4#



#88

Benzo(b)fluoranthene

Concen: 7.213 ng

RT: 24.066 min Scan# 3520

Delta R.T. -0.014 min

Lab File: BG052687.D

Acq: 17 Mar 2022 11:32

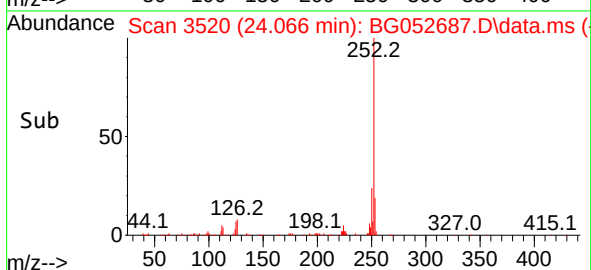
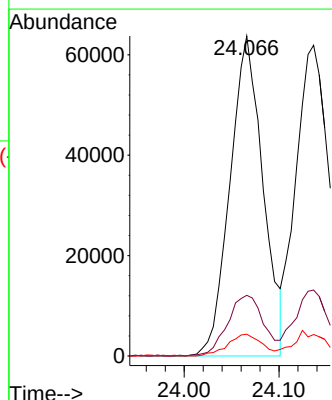
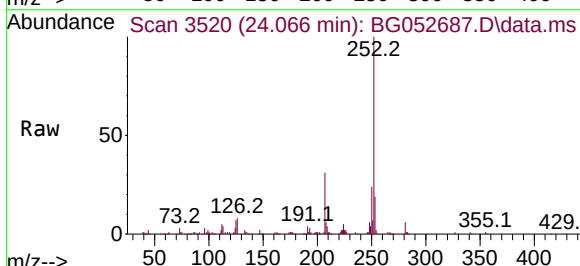
Tgt Ion:252 Resp: 153981

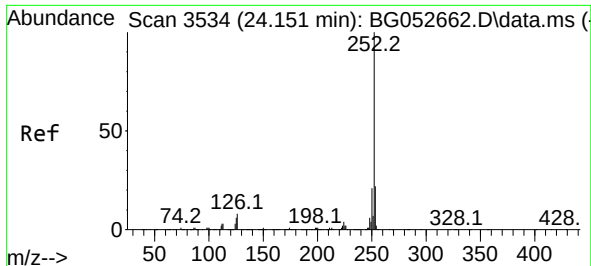
Ion Ratio Lower Upper

252 100

253 19.0 17.2 25.8

125 6.8 5.2 7.8

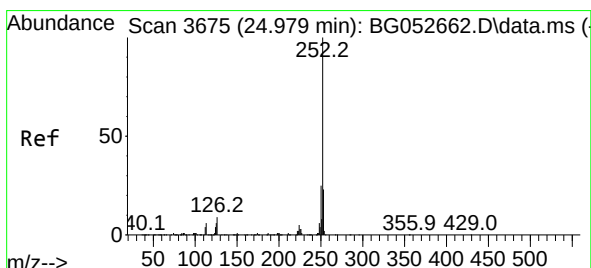
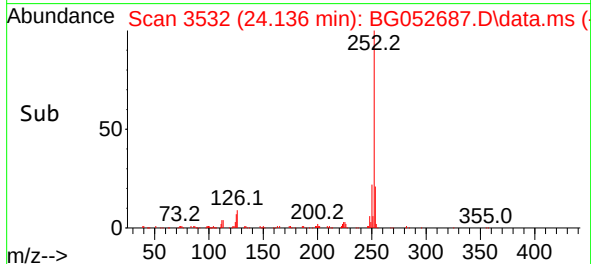
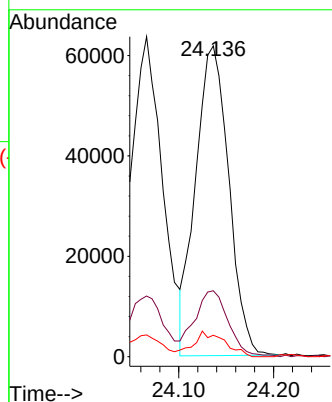
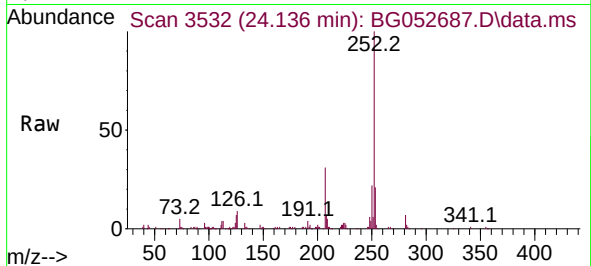




#89
Benzo(k)fluoranthene
Concen: 7.138 ng
RT: 24.136 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

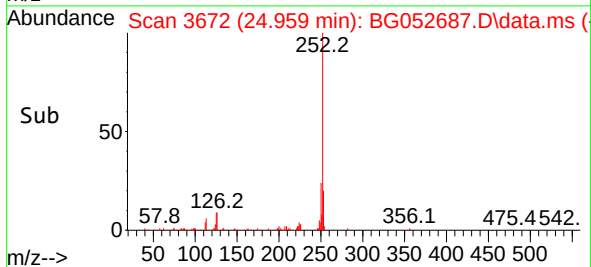
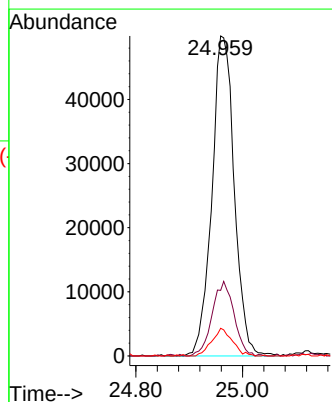
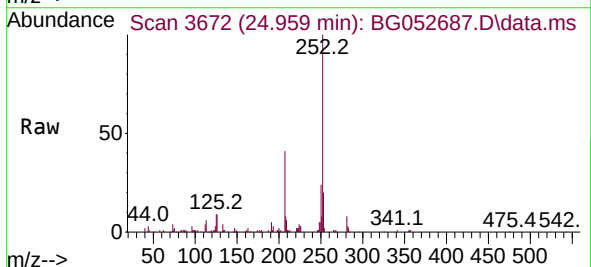
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

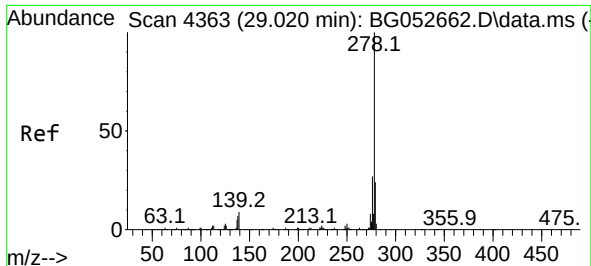
Tgt Ion:252 Resp: 149921
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 6.9 5.0 7.4



#90
Benzo(a)pyrene
Concen: 8.043 ng
RT: 24.959 min Scan# 3672
Delta R.T. -0.020 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:252 Resp: 145351
Ion Ratio Lower Upper
252 100
253 20.5 18.4 27.6
125 8.7 5.6 8.4#

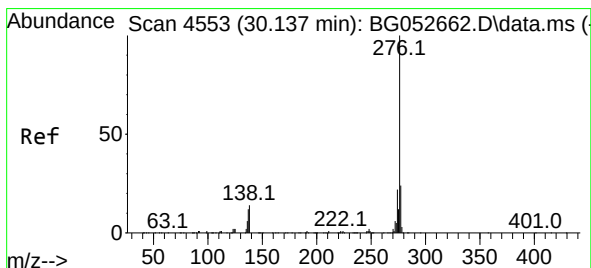
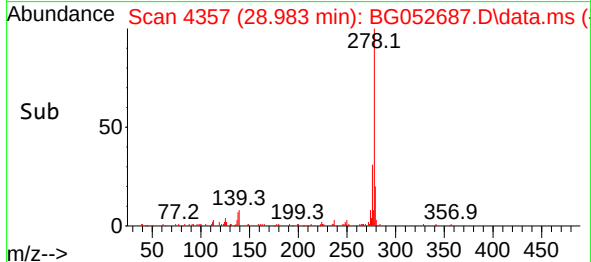
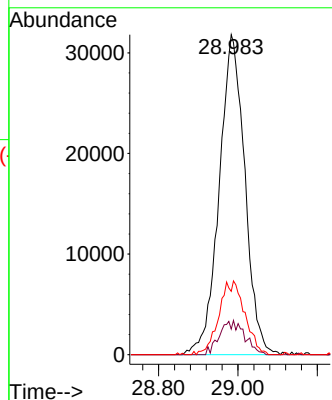
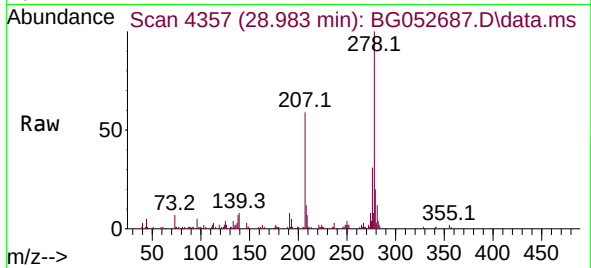




#91
Dibenzo(a,h)anthracene
Concen: 7.345 ng
RT: 28.983 min Scan# 41
Delta R.T. -0.038 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:278 Resp: 142438
Ion Ratio Lower Upper
278 100
139 8.0 7.8 11.6
279 19.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 7.252 ng
RT: 30.087 min Scan# 4545
Delta R.T. -0.049 min
Lab File: BG052687.D
Acq: 17 Mar 2022 11:32

Tgt Ion:276 Resp: 139150
Ion Ratio Lower Upper
276 100
277 24.9 18.2 27.2
138 15.7 9.1 13.7#

