

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
 Data File : BG046071.D
 Acq On : 24 Jul 2020 19:40
 Operator : CG/JU
 Sample : L1955-15
 Misc : MDL-SOILME-01
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-01

Quant Time: Jul 24 23:44:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 10:06:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	111581	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	479459	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	327448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	721744	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	729475	20.00	ng/ul	0.00
86) Perylene-d12	24.70	264	817433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	4244	1.88	ng/uL	0.00
5) Phenol-d5	7.12	99	234285	26.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	144664	26.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	188453	26.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	191762	25.96	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	94117	27.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	104177	30.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	205083	26.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	274826	31.16	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	679448	26.60	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	816799	26.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	102325	24.53	ng/ul	0.00
58) Fluorene-d10	15.58	176	607459	26.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	92978	25.74	ng/ul	0.00
71) Anthracene-d10	17.43	188	885781	26.61	ng/ul	0.00
79) Pyrene-d10	19.71	212	1070534	27.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1124338	24.82	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.46	88	5016	1.813	ng/uL# 93
4) Benzaldehyde	7.10	77	15110	2.420	ng/ul 95
6) Phenol	7.15	94	36268	4.021	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.38	93	30795	4.172	ng/ul 95
10) 2-Chlorophenol	7.53	128	28938	4.073	ng/ul 98
11) 2-Methylphenol	8.40	108	25962	3.572	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.50	45	52542	4.212	ng/ul 100
14) Acetophenone	8.78	105	46355	4.253	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.77	70	23683	4.016	ng/ul 97
16) 4-Methylphenol	8.73	108	31020	3.984	ng/ul 90
17) Hexachloroethane	9.05	117	12520	4.153	ng/ul 95
20) Nitrobenzene	9.15	77	34724	3.993	ng/ul 95
21) Isophorone	9.68	82	65747	3.868	ng/ul 96
23) 2-Nitrophenol	9.87	139	17263	4.457	ng/ul 94
24) 2,4-Dimethylphenol	9.93	107	27804	3.239	ng/ul 97
25) Bis(2-Chloroethoxy)methane	10.17	93	41332	3.844	ng/ul 97
27) 2,4-Dichlorophenol	10.41	162	31829	4.124	ng/ul 97
28) Naphthalene	10.81	128	101110	3.940	ng/ul 97
30) 4-Chloroaniline	10.91	127	41884	4.938	ng/ul 97
31) Hexachlorobutadiene	11.11	225	22786	3.836	ng/ul 93
32) Caprolactam	11.68	113	3283	1.262	ng/ul 90
33) 4-Chloro-3-methylphenol	12.03	107	29695	3.753	ng/ul 95
34) 2-Methylnaphthalene	12.42	142	79591	4.126	ng/ul 98

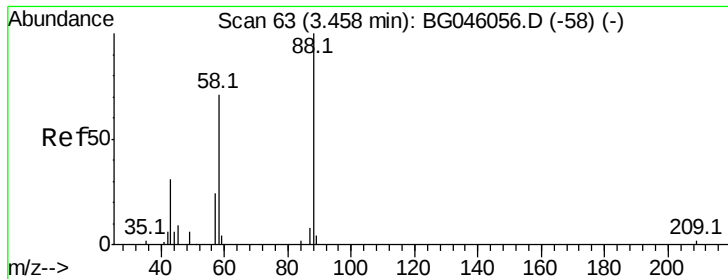
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	77853	4.086	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	46585	4.115	ng/uL	98
38) Hexachlorocyclopentadiene	12.77	237	15908	2.454	ng/uL	92
39) 2,4,6-Trichlorophenol	13.02	196	23508	3.552	ng/uL	88
40) 2,4,5-Trichlorophenol	13.09	196	26946	3.746	ng/uL	99
41) 1,1'-Biphenyl	13.42	154	107576	4.246	ng/uL	96
42) 2-Chloronaphthalene	13.46	162	83837	4.148	ng/uL	98
43) 2-Nitroaniline	13.66	65	17353	3.642	ng/uL	99
45) Dimethylphthalate	14.04	163	105575	4.122	ng/uL	98
46) 2,6-Dinitrotoluene	14.15	165	18002	3.686	ng/uL	92
48) Acenaphthylene	14.31	152	125400	4.044	ng/uL	98
49) 3-Nitroaniline	14.48	138	14299	3.108	ng/uL#	82
50) Acenaphthene	14.65	153	88465	3.962	ng/uL	98
51) 2,4-Dinitrophenol	14.68	184	6681	3.090	ng/uL#	80
54) Dibenzofuran	14.98	168	127604	4.191	ng/uL	100
55) 2,4-Dinitrotoluene	14.94	165	27640	3.974	ng/uL#	97
56) 2,3,4,6-Tetrachlorophenol	15.21	232	25041	3.733	ng/uL#	92
57) Diethylphthalate	15.41	149	100304	3.965	ng/uL	99
59) Fluorene	15.64	166	104606	4.051	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.63	204	54516	4.019	ng/uL	94
61) 4-Nitroaniline	15.64	138	13305	2.594	ng/uL	95
64) 4,6-Dinitro-2-methylphenol	15.70	198	15796	4.105	ng/uL#	79
65) N-Nitrosodiphenylamine	15.84	169	89403	4.260	ng/uL	100
66) 4-Bromophenyl-phenylether	16.52	248	38100	4.248	ng/uL	93
67) Hexachlorobenzene	16.64	284	42874	4.235	ng/uL	98
68) Atrazine	16.79	200	33014	3.935	ng/uL	96
69) Pentachlorophenol	16.98	266	17163	3.181	ng/uL	92
70) Phenanthrene	17.37	178	171981	4.270	ng/uL	99
72) Anthracene	17.46	178	165281	4.118	ng/uL	96
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	49040	4.525	ng/uL	94
74) Pentachlorobenzene	14.91	250	47689	4.357	ng/uL	99
75) Carbazole	17.73	167	147996	4.595	ng/uL	98
76) Di-n-butylphthalate	18.30	149	158508	4.000	ng/uL	97
77) Fluoranthene	19.38	202	214598	4.857	ng/uL	99
80) Pvrene	19.74	202	216786	4.395	ng/uL	99
81) Butylbenzylphthalate	20.64	149	65199	3.851	ng/uL	98
82) 3,3'-Dichlorobenzidine	21.48	252	60187	3.844	ng/uL	99
83) Benzo(a)anthracene	21.56	228	215741	4.491	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	96346	3.912	ng/uL	99
85) Chrysene	21.62	228	203380	4.355	ng/uL	99
87) Di-n-octyl phthalate	22.67	149	155223	3.634	ng/uL	100
88) Benzo(b)fluoranthene	23.70	252	212246	3.843	ng/uL	98
89) Benzo(k)fluoranthene	23.77	252	205872	3.797	ng/uL	99
91) Benzo(a)pyrene	24.54	252	200555	3.960	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	28.21	276	232919	3.683	ng/uL	98
93) Dibenzo(a,h)anthracene	28.27	278	189182	3.656	ng/uL	97
94) Benzo(g,h,i)perylene	29.30	276	196578	3.677	ng/uL	99

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



#2

1,4-Dioxane

Concen: 1.813 ng/uL

RT: 3.46 min Scan# 62

Delta R.T. -0.00 min

Lab File: BG046071.D

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Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

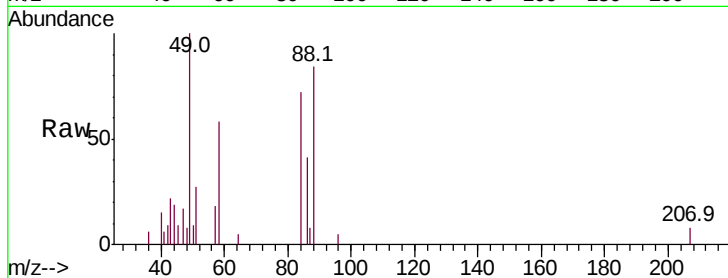
Tot Ion: 88 Resp: 5016

Ion Ratio Lower Upper

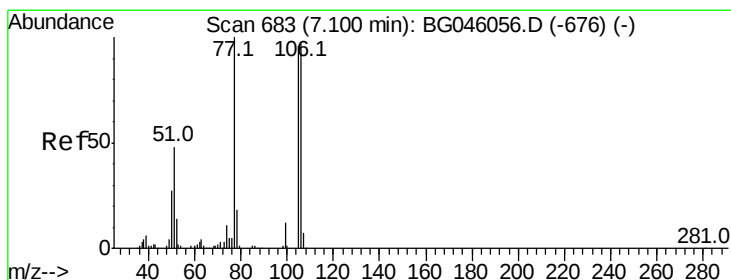
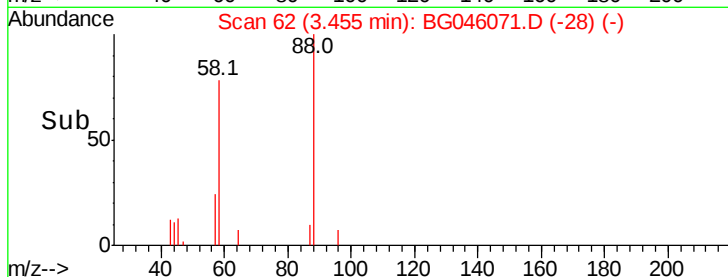
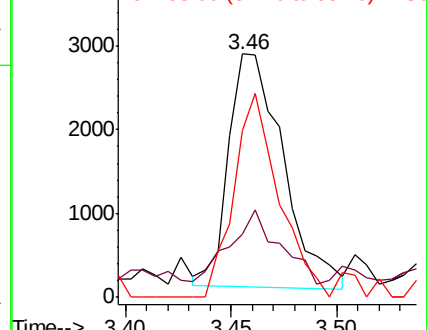
88 100

43 26.0 26.6 39.8#

58 68.4 57.4 86.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 2.420 ng/uL

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

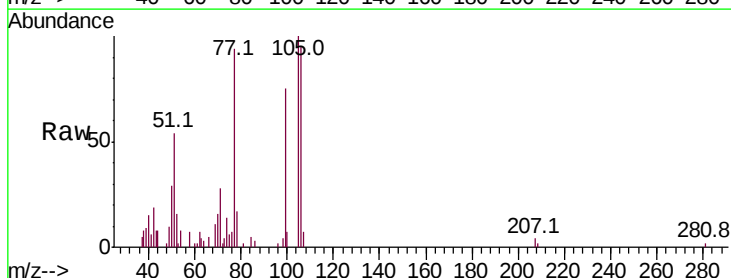
Tgt Ion: 77 Resp: 15110

Ion Ratio Lower Upper

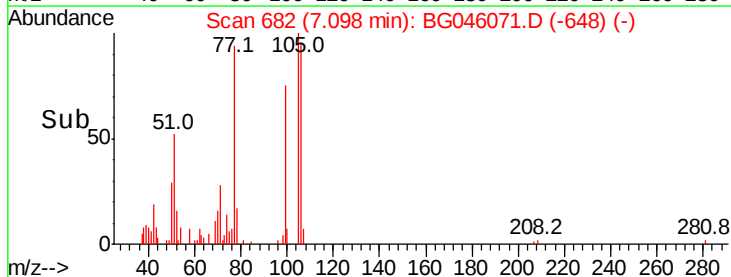
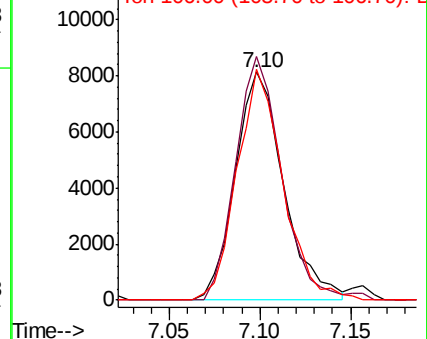
77 100

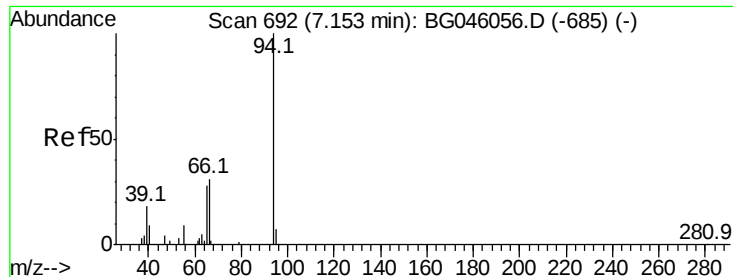
105 106.7 79.4 119.2

106 100.9 78.6 117.8



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





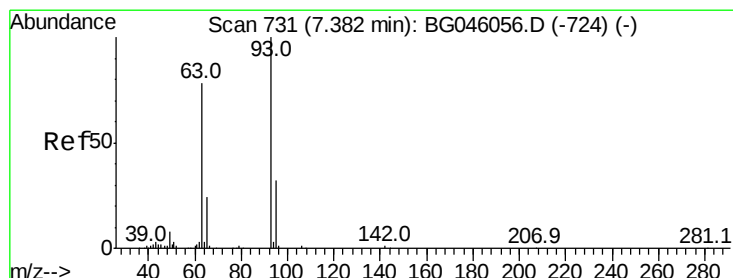
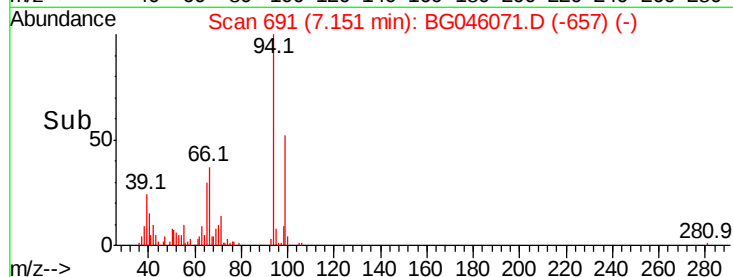
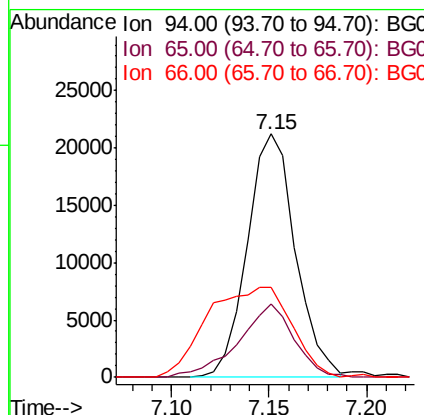
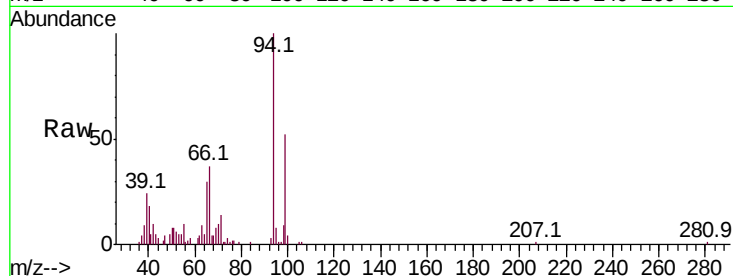
#6

Phenol

Concen: 4.021 ng/ul
 RT: 7.15 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-01

Tot Ion: 94 Resp: 36268
 Ion Ratio Lower Upper
 94 100
 65 30.3 23.1 34.7
 66 37.1 30.3 45.5

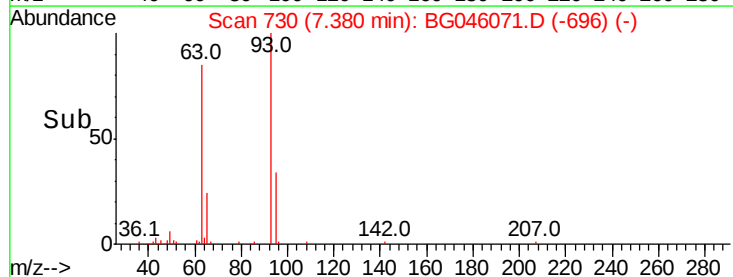
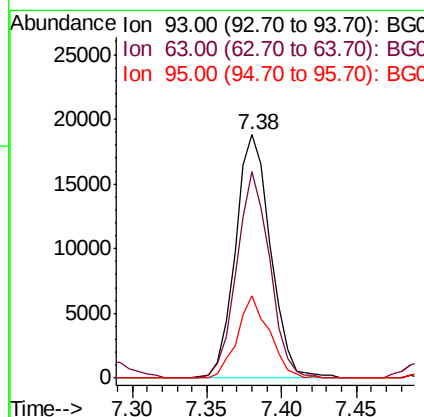
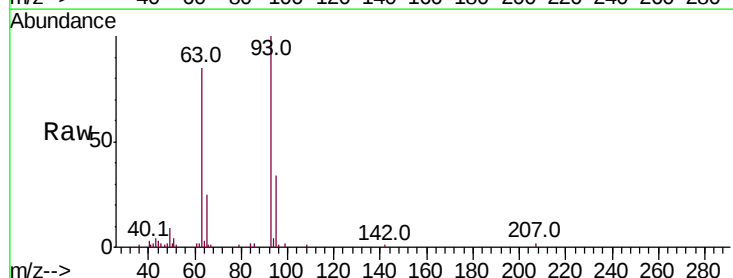


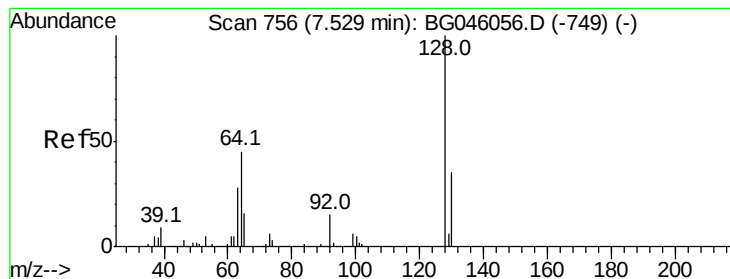
#8

Bis(2-Chloroethyl)ether

Concen: 4.172 ng/ul
 RT: 7.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Tgt Ion: 93 Resp: 30795
 Ion Ratio Lower Upper
 93 100
 63 84.6 63.4 95.2
 95 34.1 26.4 39.6





#10

2-Chlorophenol

Concen: 4.073 ng/ul

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

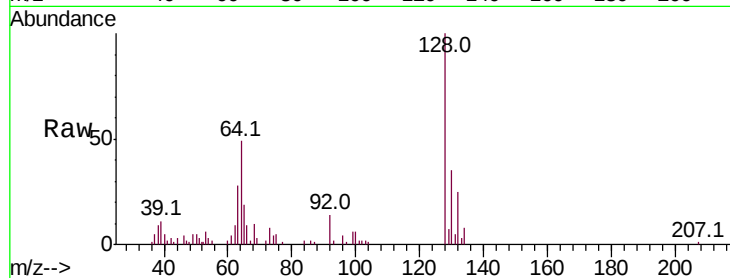
Tot Ion:128 Resp: 28938

Ion Ratio Lower Upper

128 100

64 48.8 39.0 58.6

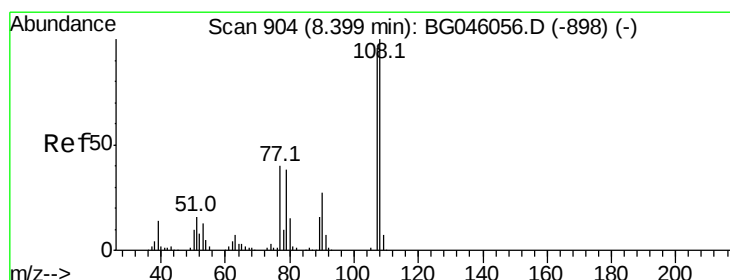
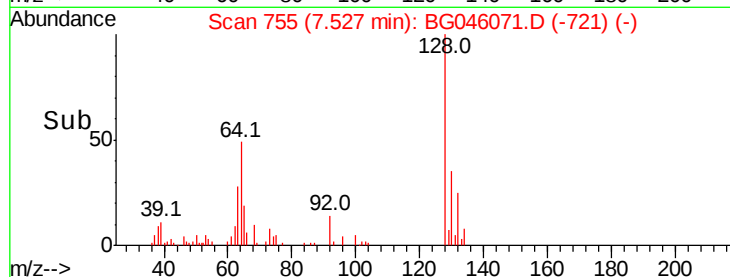
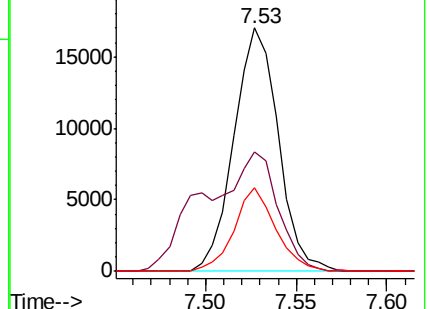
130 34.5 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.572 ng/ul

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG046071.D

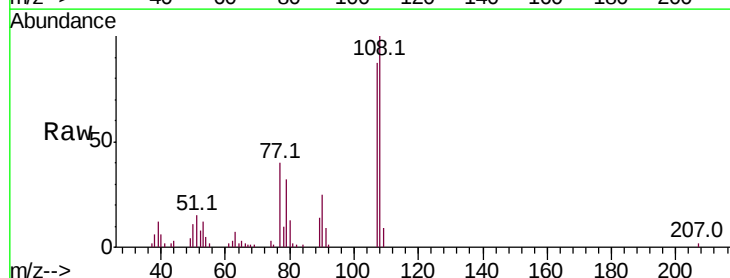
Acq: 24 Jul 2020 19:40

Tgt Ion:108 Resp: 25962

Ion Ratio Lower Upper

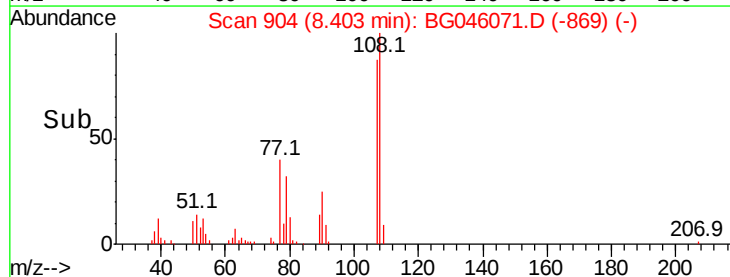
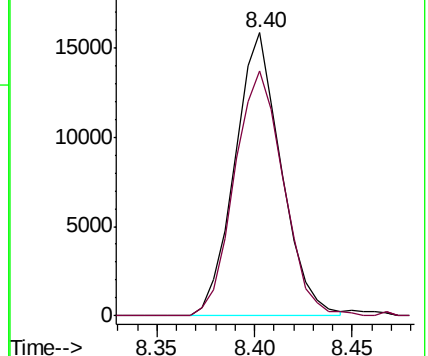
108 100

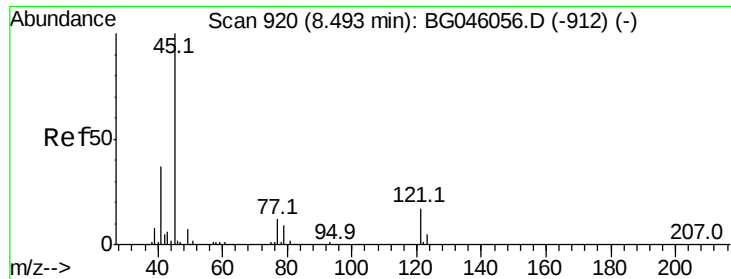
107 86.5 75.0 112.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

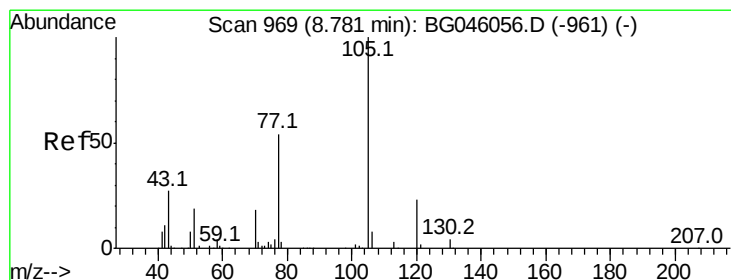
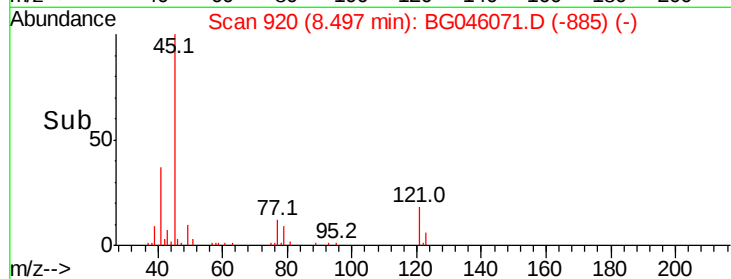
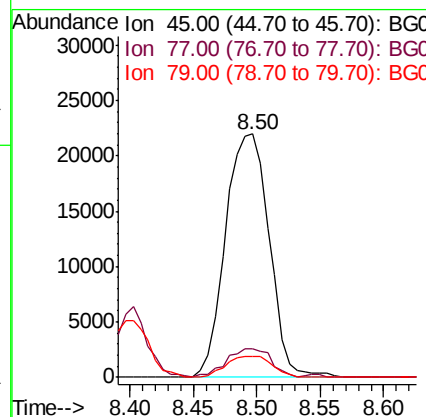
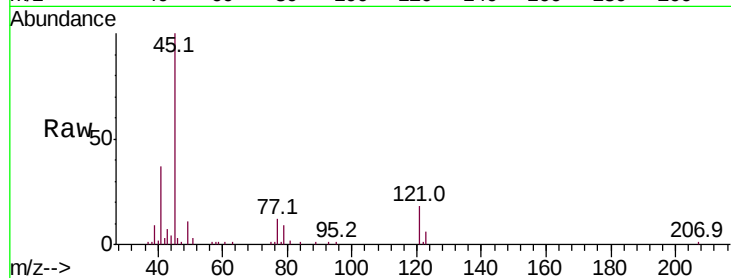




#12
2,2'-oxybis(1-chloropropane)
Concen: 4.212 ng/ul
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

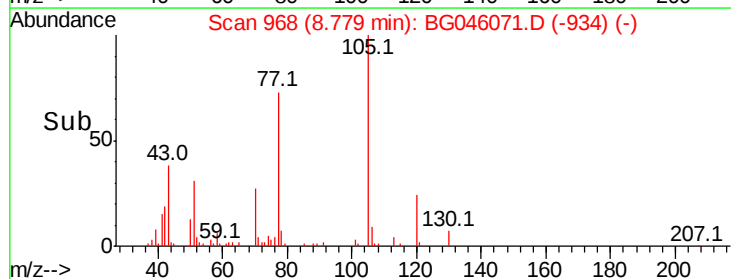
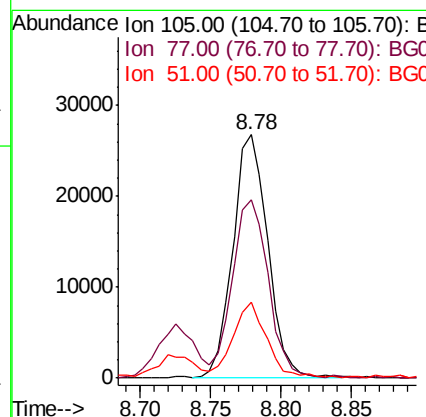
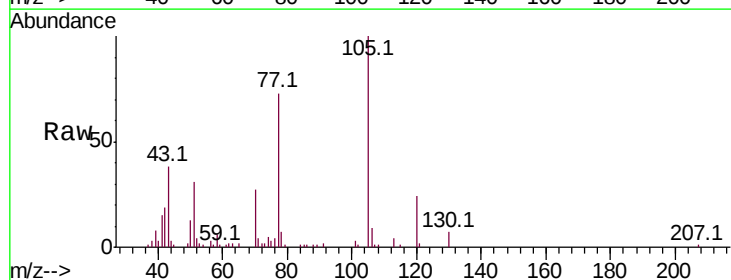
Instrument :
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MDL-ME-SOIL-01

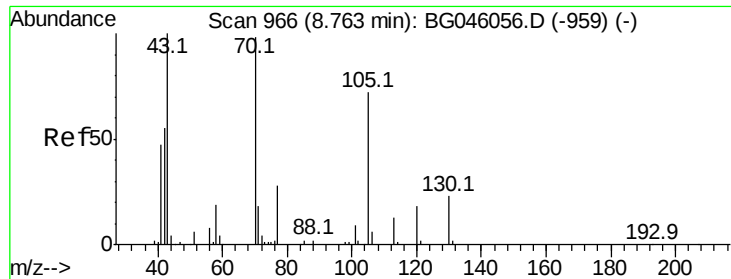
Tot Ion: 45 Resp: 52542
Ion Ratio Lower Upper
45 100
77 11.6 9.2 13.8
79 8.6 7.0 10.6



#14
Acetophenone
Concen: 4.253 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion: 105 Resp: 46355
Ion Ratio Lower Upper
105 100
77 73.0 62.2 93.2
51 31.1 23.0 34.6

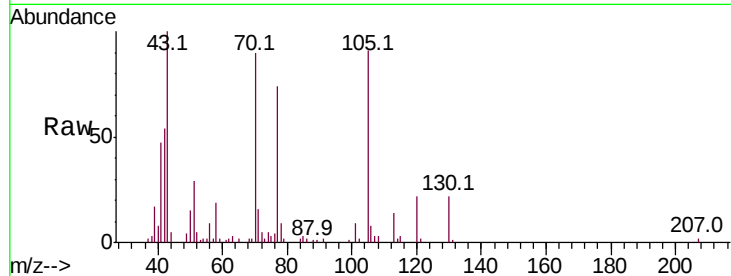




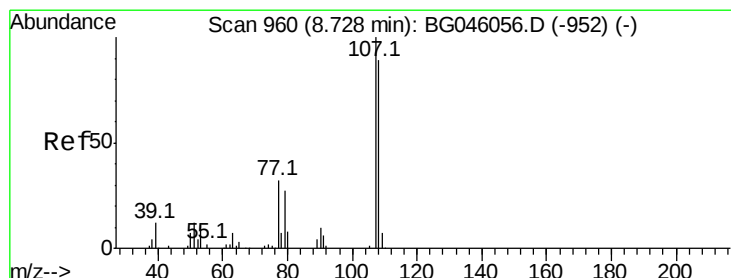
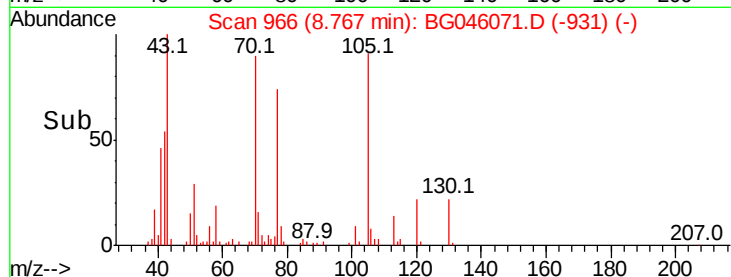
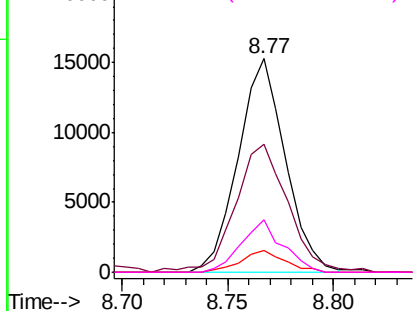
#15
N-Nitroso-di-n-propylamine
Concen: 4.016 ng/ul
RT: 8.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion: 70 Resp: 23683
Ion Ratio Lower Upper
70 100
42 60.0 50.0 75.0
101 9.9 8.1 12.1
130 24.8 18.0 27.0

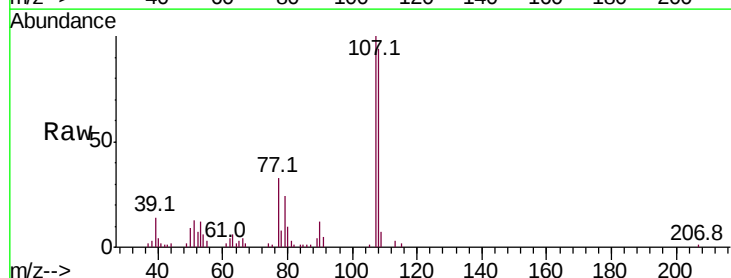


Abundance Ion 70.00 (69.70 to 70.70): BG
Ion 42.00 (41.70 to 42.70): BG
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

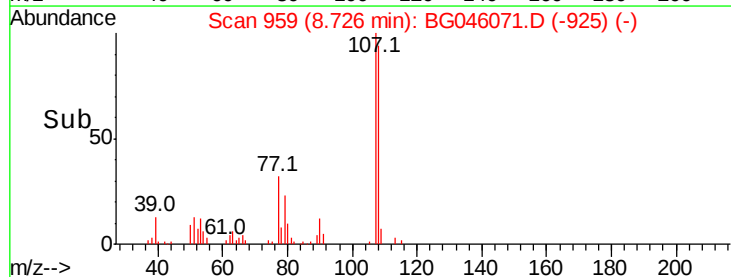
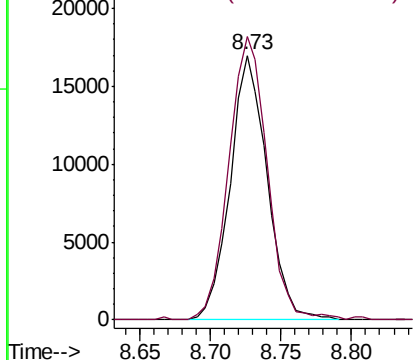


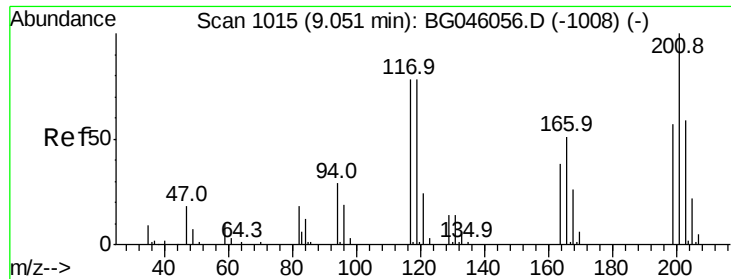
#16
4-Methylphenol
Concen: 3.984 ng/ul
RT: 8.73 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion: 108 Resp: 31020
Ion Ratio Lower Upper
108 100
107 106.9 94.6 141.8



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

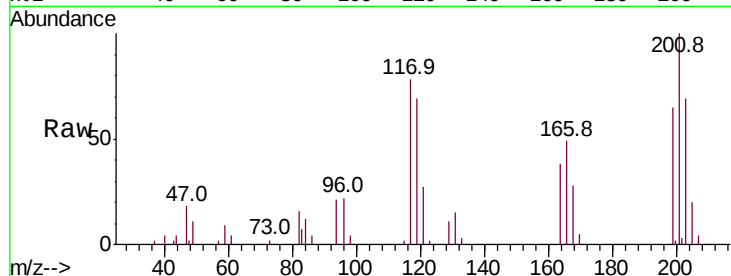




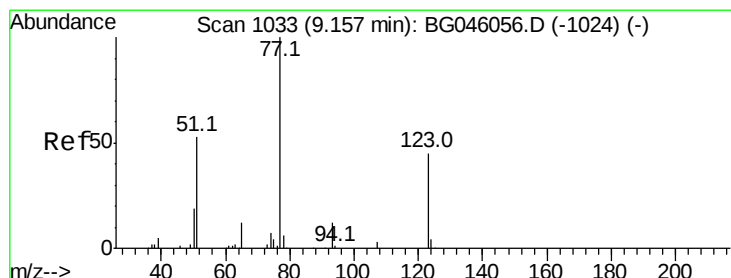
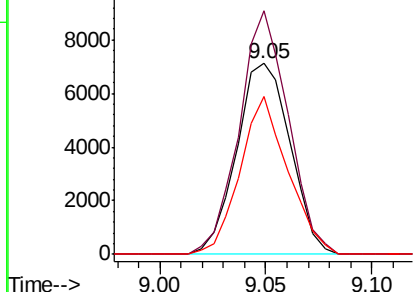
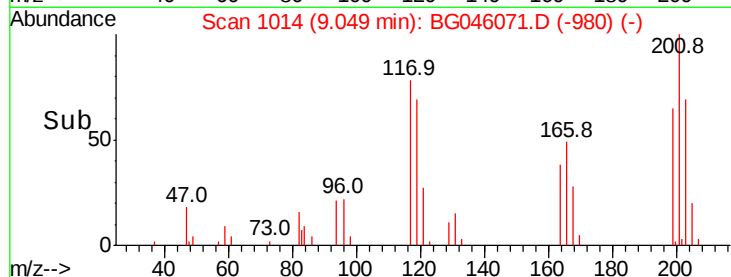
#17
Hexachloroethane
Concen: 4.153 ng/ul
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:117 Resp: 12520
Ion Ratio Lower Upper
117 100
201 127.7 98.2 147.4
199 82.5 61.4 92.2

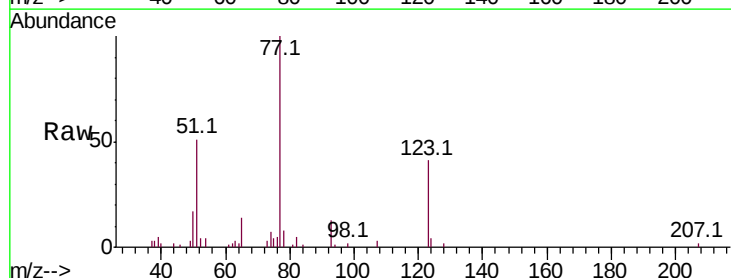


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

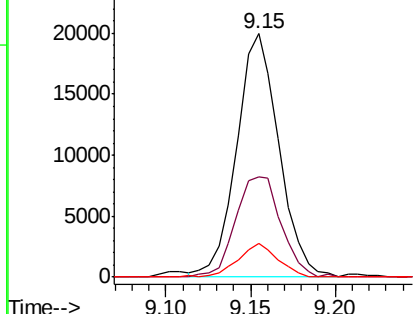
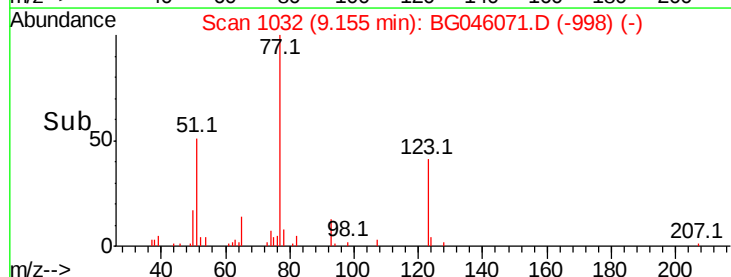


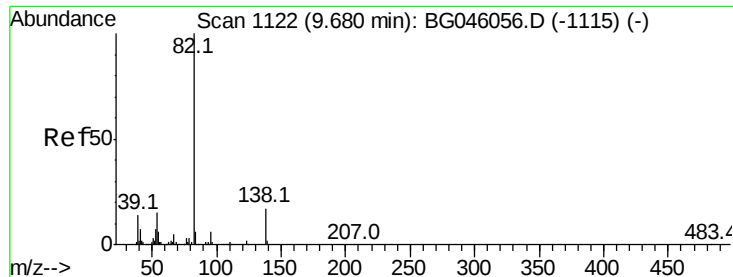
#20
Nitrobenzene
Concen: 3.993 ng/ul
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion: 77 Resp: 34724
Ion Ratio Lower Upper
77 100
123 41.3 36.1 54.1
65 13.7 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 3.868 ng/ul

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

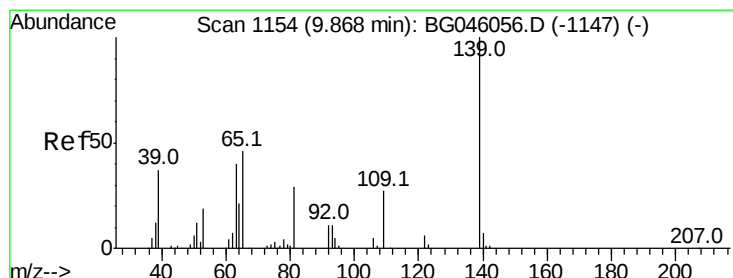
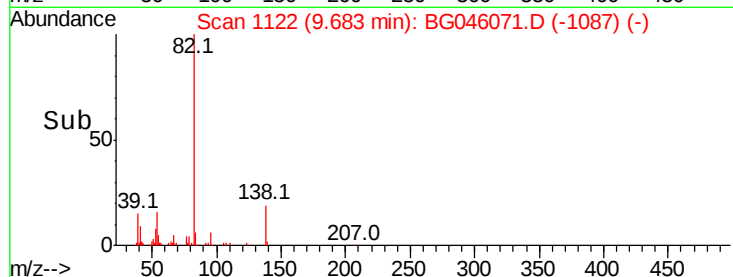
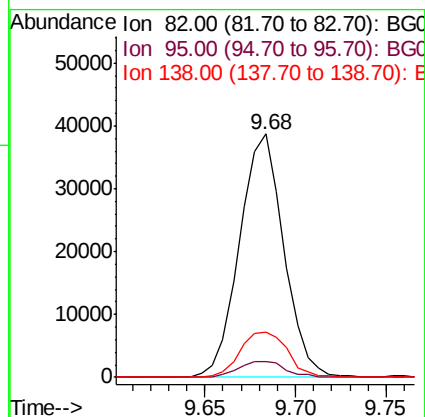
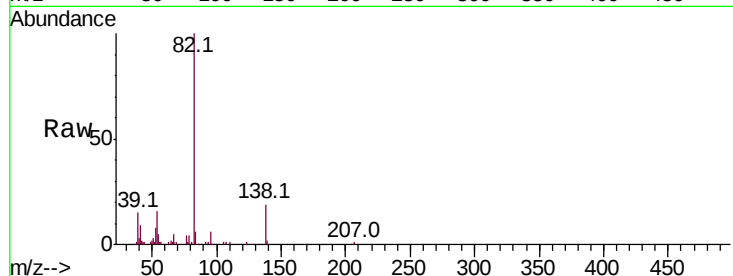
Tot Ion: 82 Resp: 65747

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.8

138 18.5 16.2 24.4



#23

2-Nitrophenol

Concen: 4.457 ng/ul

RT: 9.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

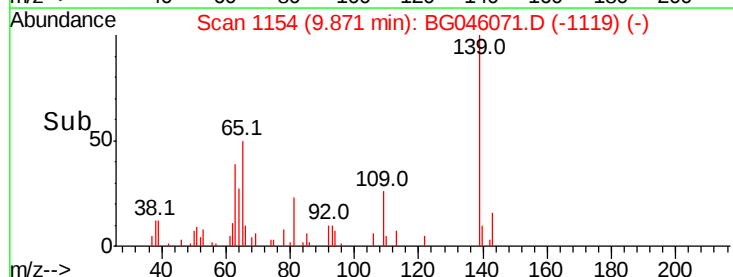
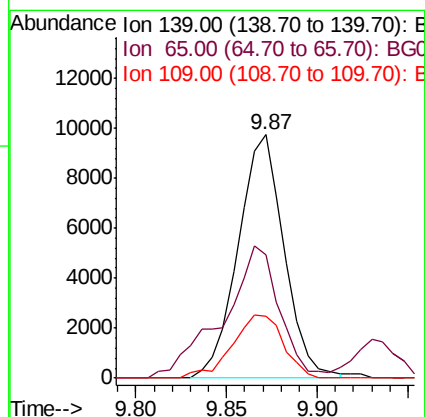
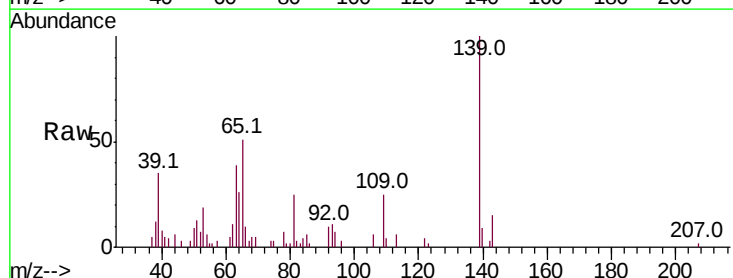
Tgt Ion: 139 Resp: 17263

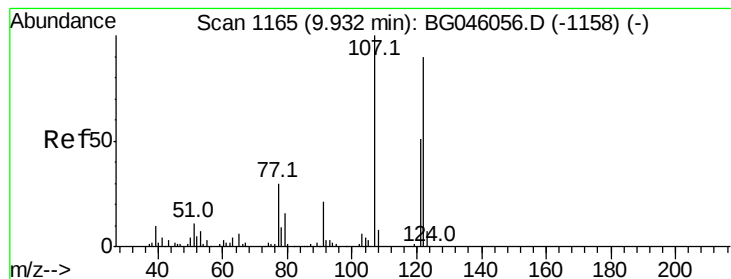
Ion Ratio Lower Upper

139 100

65 50.9 37.2 55.8

109 25.4 22.4 33.6





#24

2,4-Dimethylphenol

Concen: 3.239 ng/ul

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

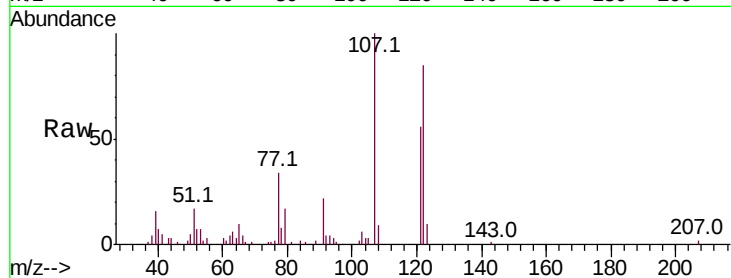
Tot Ion:107 Resp: 27804

Ion Ratio Lower Upper

107 100

121 55.5 40.4 60.6

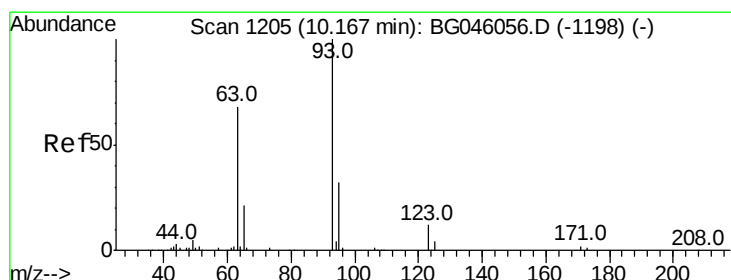
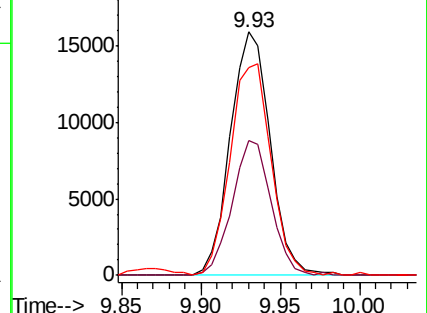
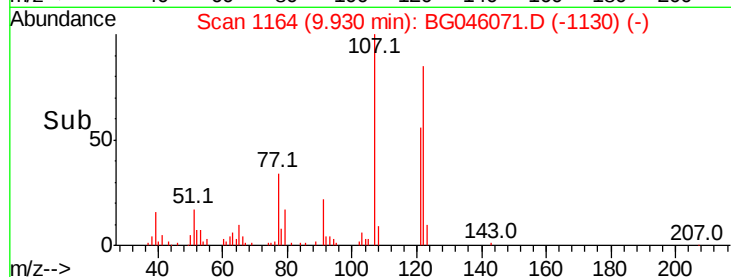
122 85.4 68.2 102.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 3.844 ng/ul

RT: 10.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

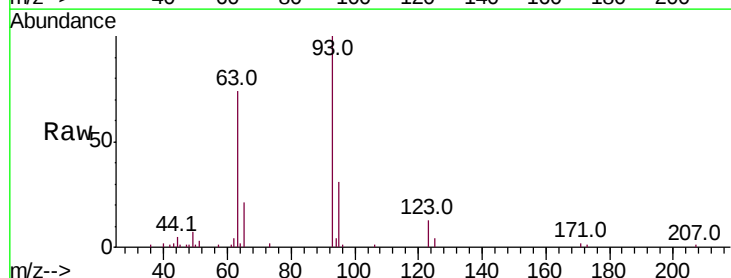
Tgt Ion: 93 Resp: 41332

Ion Ratio Lower Upper

93 100

95 30.6 25.8 38.6

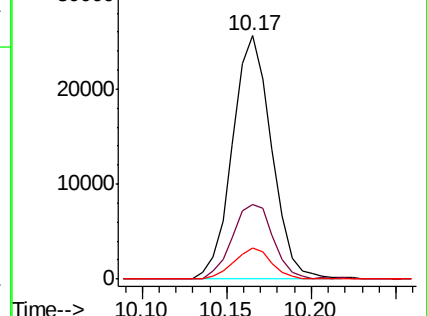
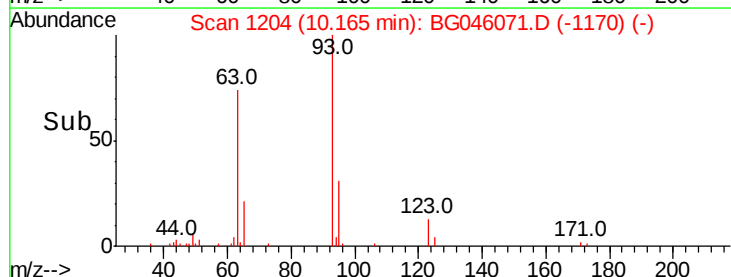
123 13.0 9.0 13.4

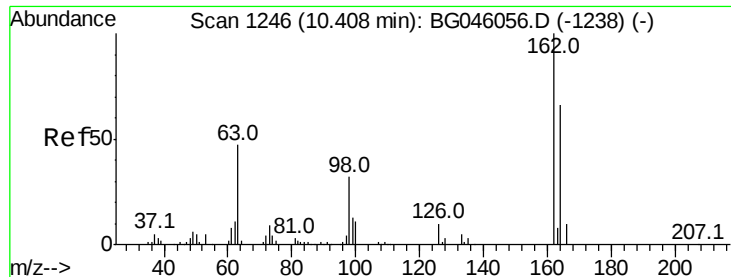


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 4.124 ng/ul

RT: 10.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

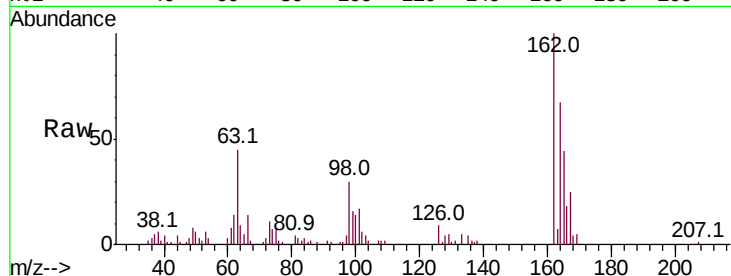
Tot Ion:162 Resp: 31829

Ion Ratio Lower Upper

162 100

164 66.7 51.0 76.4

98 29.6 23.8 35.6

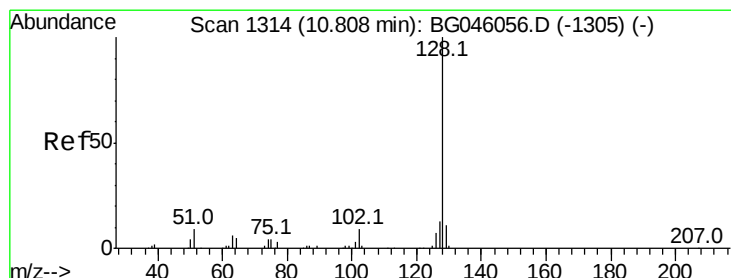
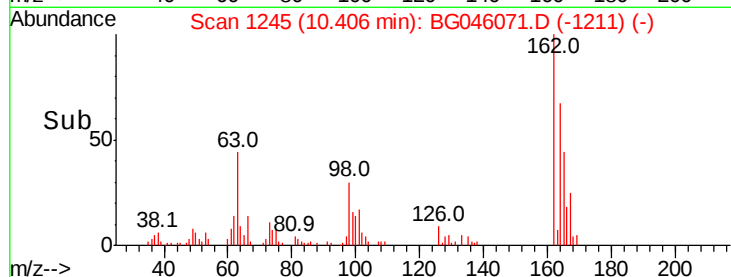
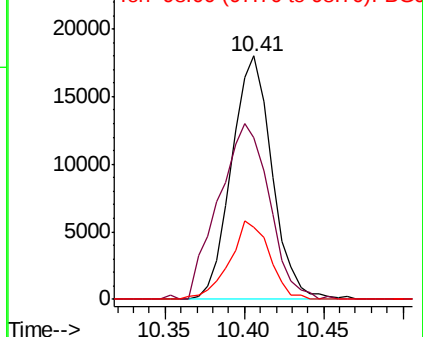


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#28

Naphthalene

Concen: 3.940 ng/ul

RT: 10.81 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

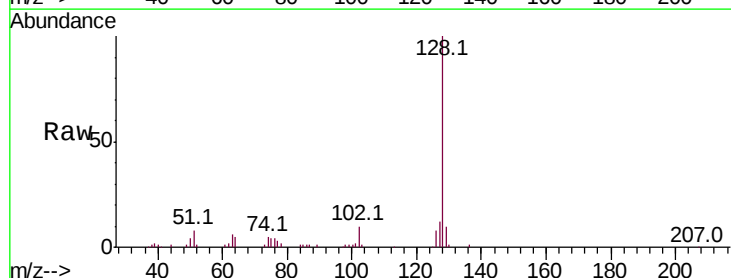
Tgt Ion:128 Resp: 101110

Ion Ratio Lower Upper

128 100

129 9.8 8.6 13.0

127 12.5 11.2 16.8

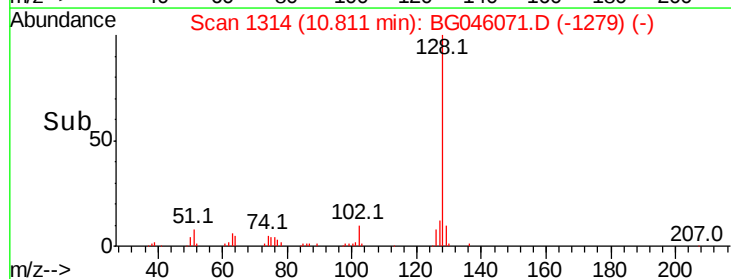
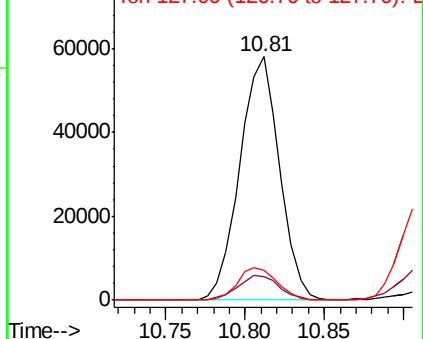


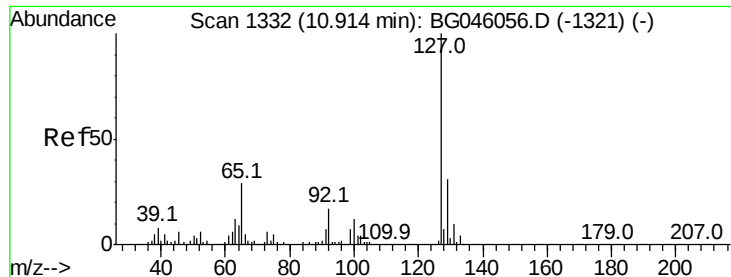
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

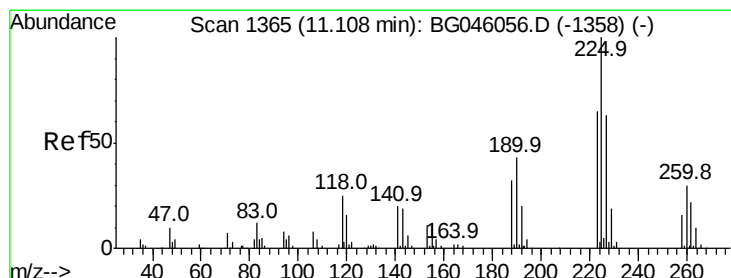
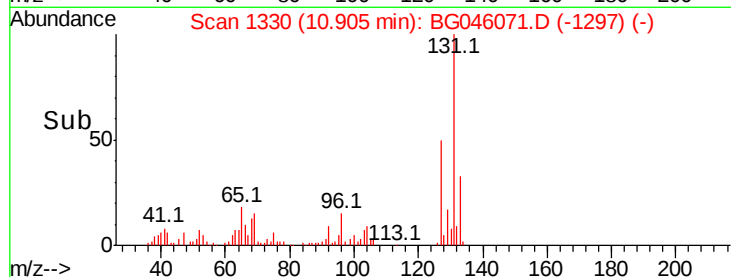
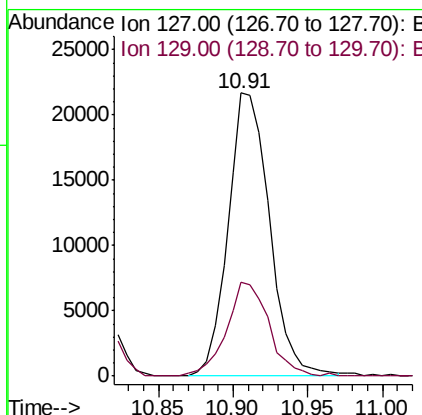
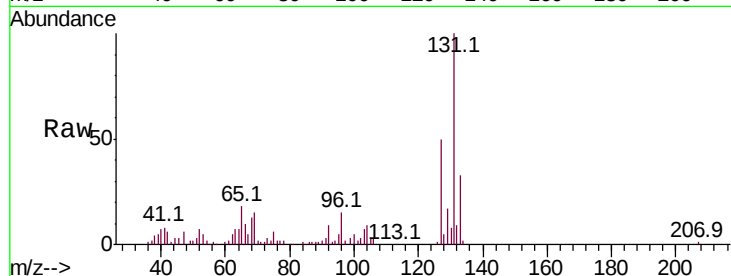




#30
4-Chloroaniline
Concen: 4.938 ng/ul
RT: 10.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

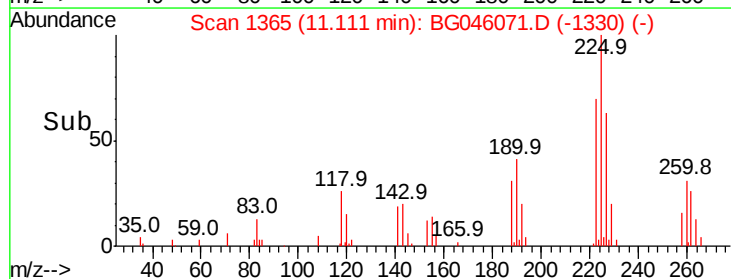
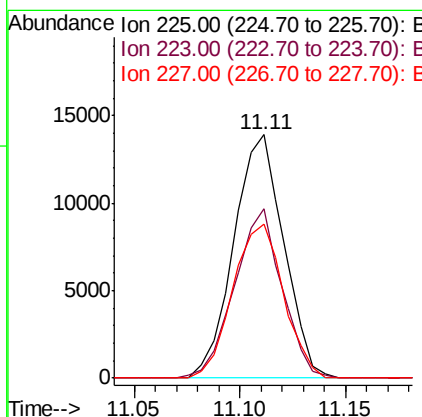
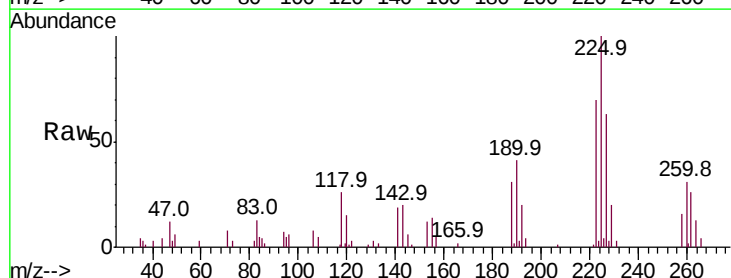
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

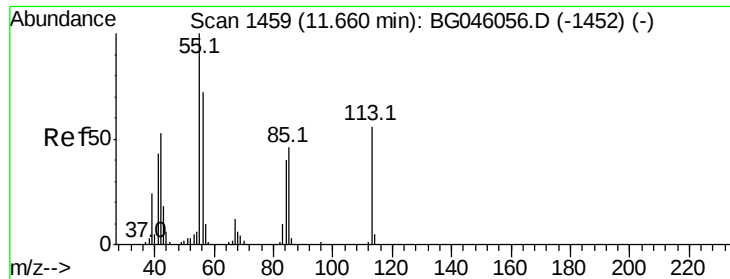
Tot Ion:127 Resp: 41884
Ion Ratio Lower Upper
127 100
129 33.3 28.2 42.4



#31
Hexachlorobutadiene
Concen: 3.836 ng/ul
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion:225 Resp: 22786
Ion Ratio Lower Upper
225 100
223 69.6 47.7 71.5
227 63.3 50.7 76.1





#32

Caprolactam

Concen: 1.262 ng/ul

RT: 11.68 min Scan# 1461

Delta R.T. 0.02 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

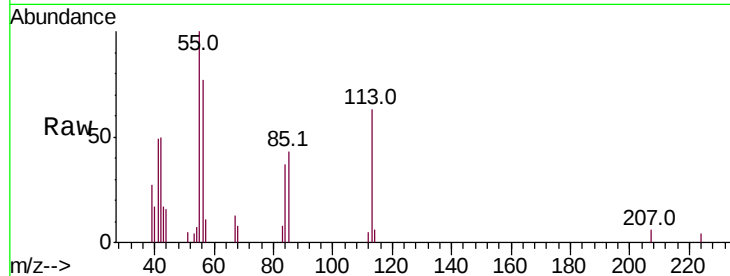
Tot Ion:113 Resp: 3283

Ion Ratio Lower Upper

113 100

55 157.9 143.8 215.6

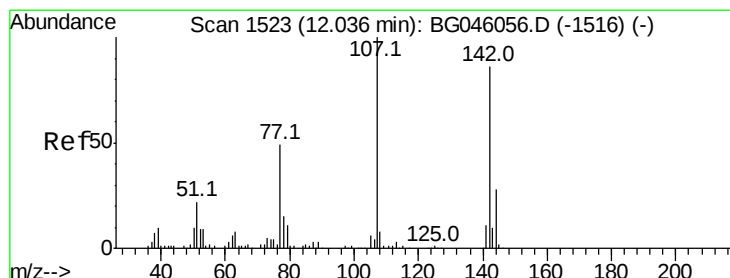
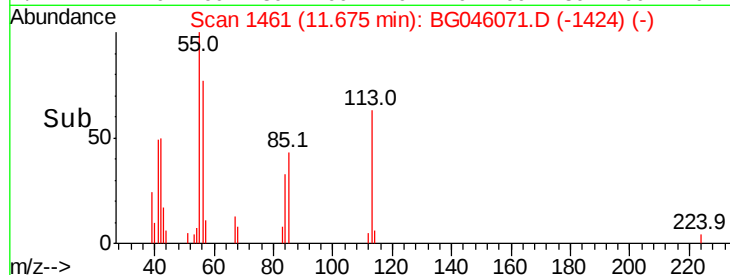
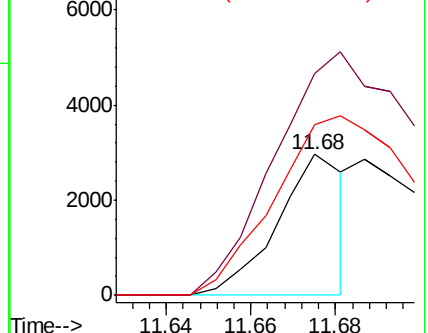
56 121.0 99.0 148.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 3.753 ng/ul

RT: 12.03 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

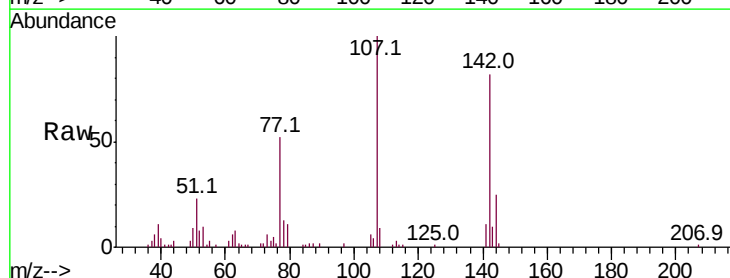
Tgt Ion:107 Resp: 29695

Ion Ratio Lower Upper

107 100

144 25.1 23.0 34.6

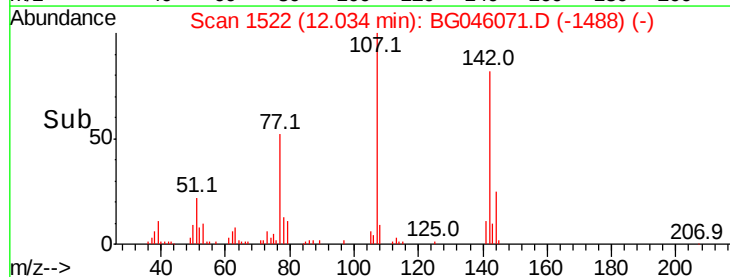
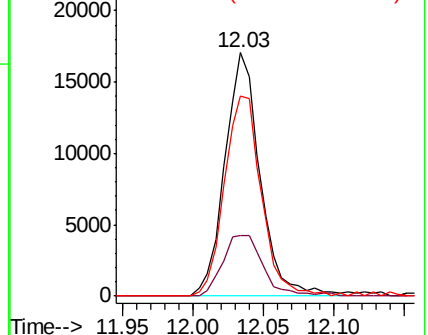
142 82.4 69.6 104.4

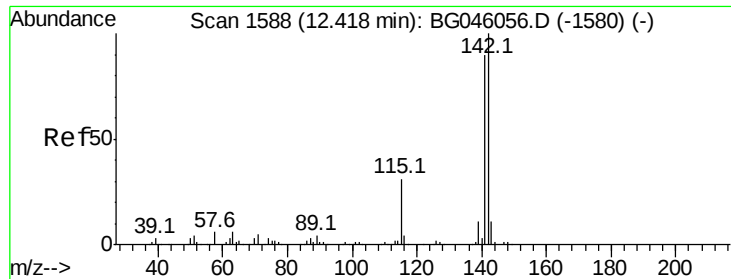


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 4.126 ng/uL

RT: 12.42 min Scan# 1587

Delta R.T. -0.00 min

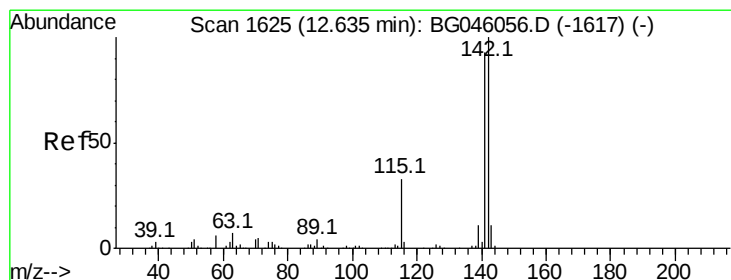
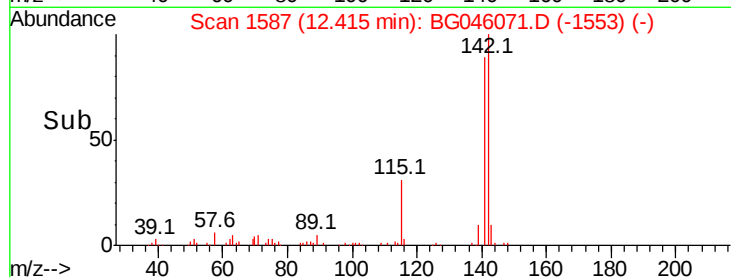
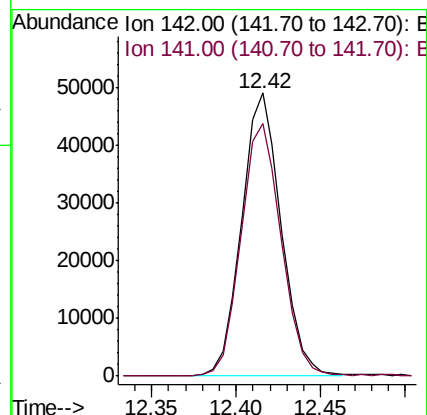
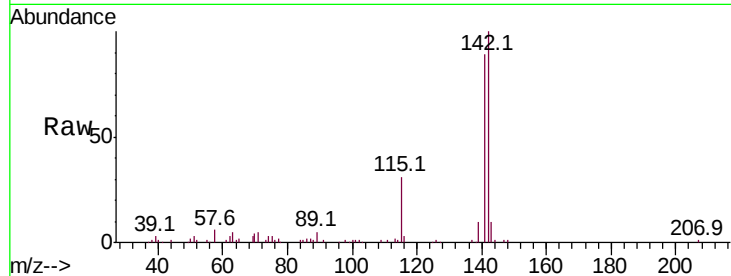
Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:142 Resp: 79591

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.2	105.4



#35

1-Methylnaphthalene

Concen: 4.086 ng/uL

RT: 12.63 min Scan# 1624

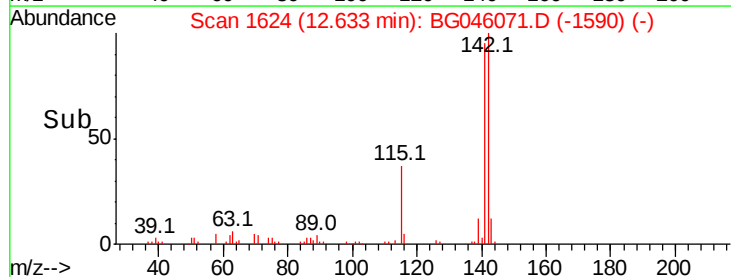
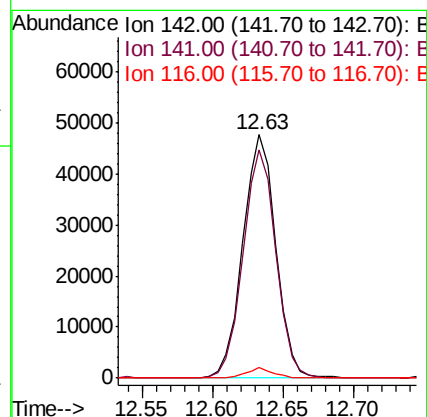
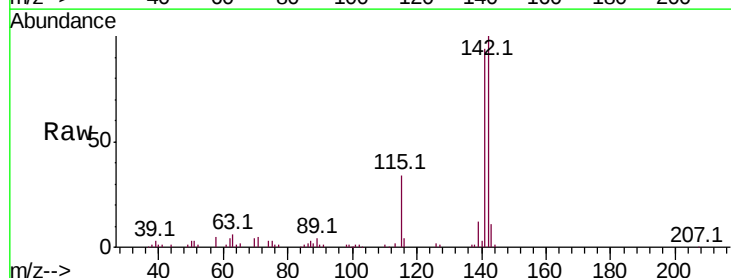
Delta R.T. -0.00 min

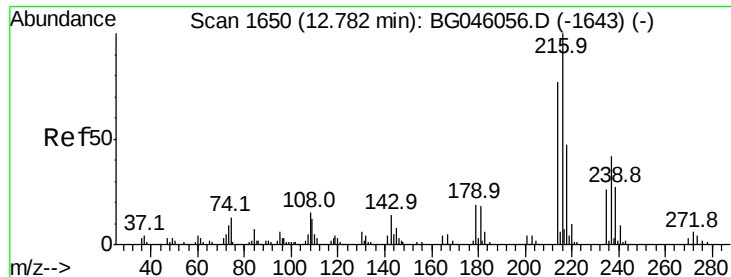
Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Tgt Ion:142 Resp: 77853

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.2	112.8
116	3.5	2.7	4.1

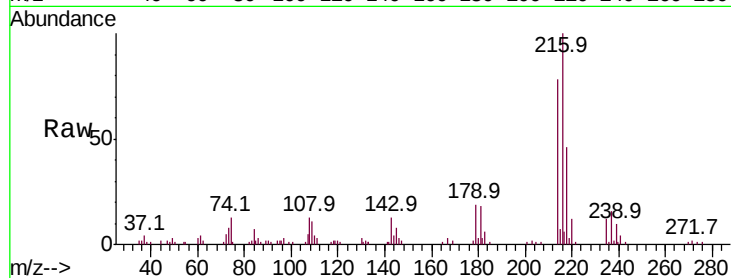




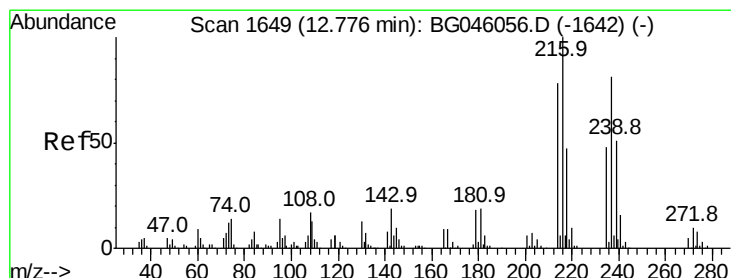
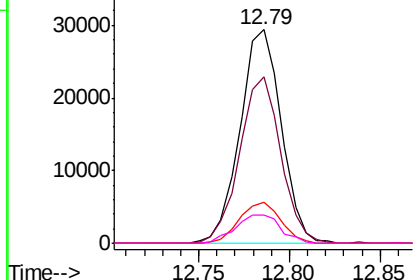
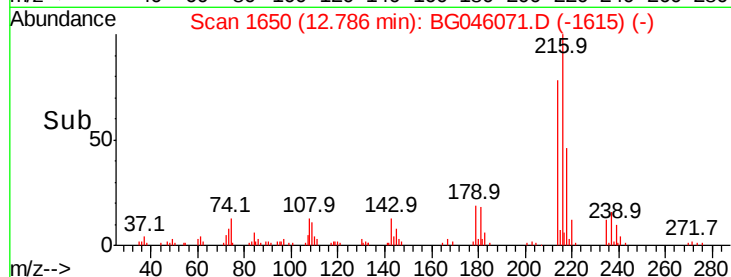
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.115 ng/ul
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-01

Tot Ion:216 Resp: 46585
 Ion Ratio Lower Upper
 216 100
 214 78.0 63.4 95.2
 179 19.0 15.4 23.2
 108 13.2 11.6 17.4

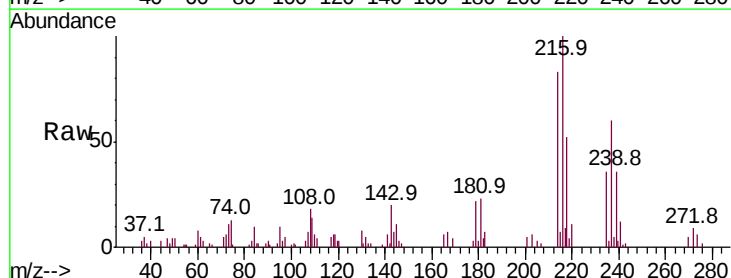


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

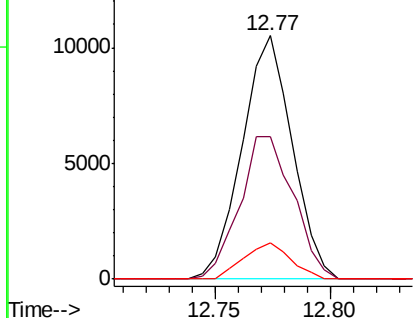
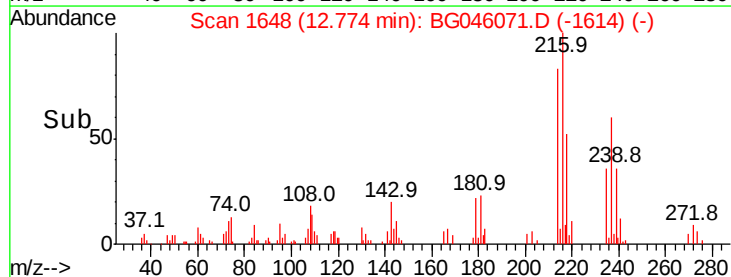


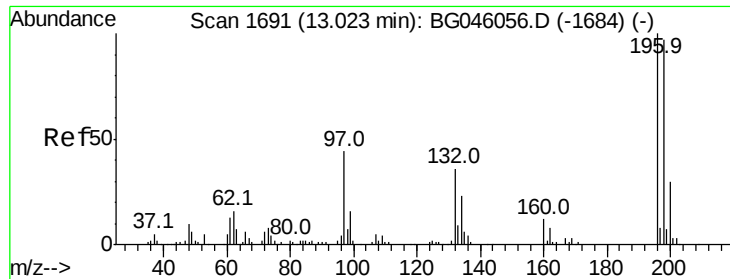
#38
 Hexachlorocyclopentadiene
 Concen: 2.454 ng/ul
 RT: 12.77 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Tgt Ion:237 Resp: 15908
 Ion Ratio Lower Upper
 237 100
 235 58.7 52.0 78.0
 272 14.9 10.0 15.0



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

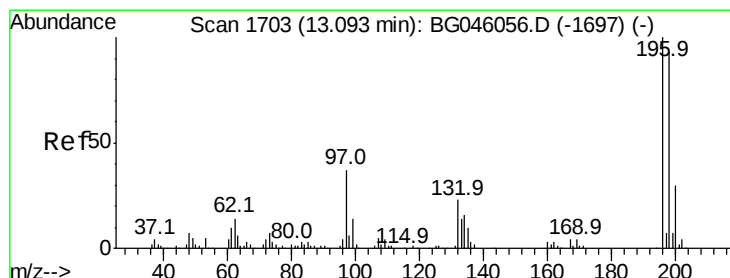
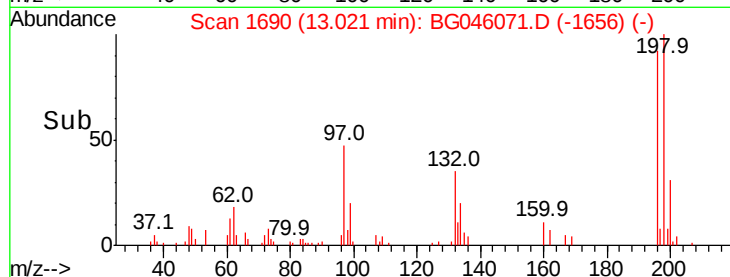
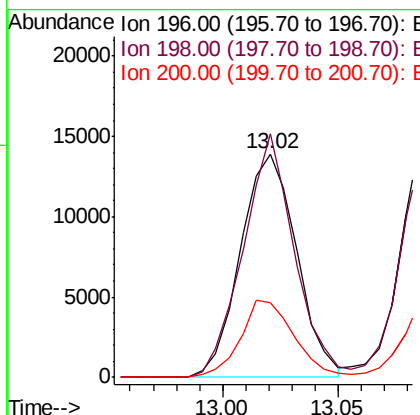
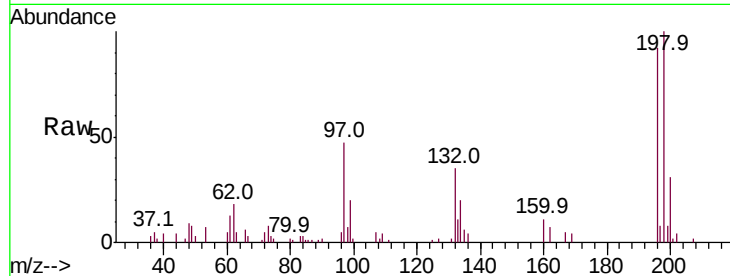




#39
 2,4,6-Trichlorophenol
 Concen: 3.552 ng/ul
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

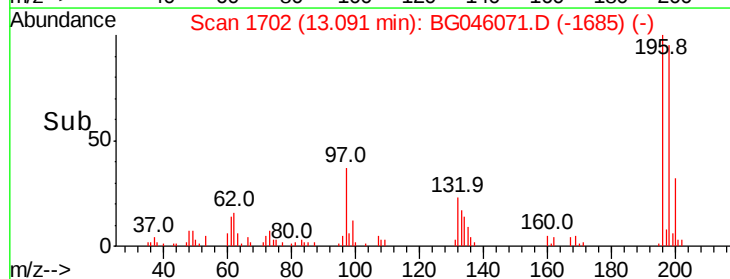
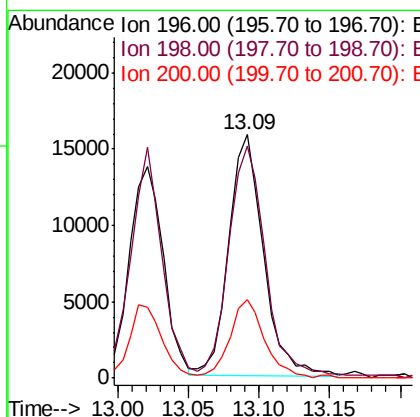
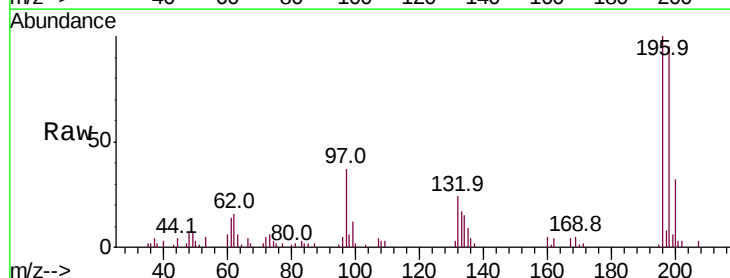
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-01

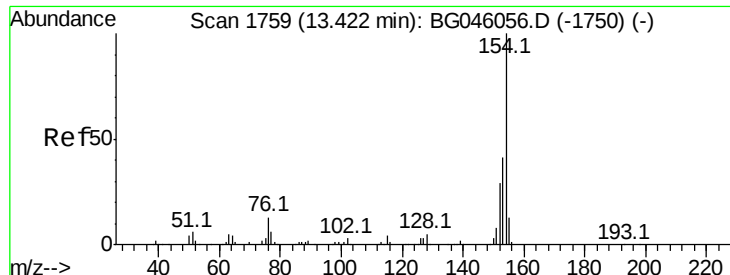
Tot Ion:196 Resp: 23508
 Ion Ratio Lower Upper
 196 100
 198 109.0 75.8 113.6
 200 33.3 25.4 38.0



#40
 2,4,5-Trichlorophenol
 Concen: 3.746 ng/ul
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Tgt Ion:196 Resp: 26946
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.2 112.8
 200 32.3 25.8 38.6

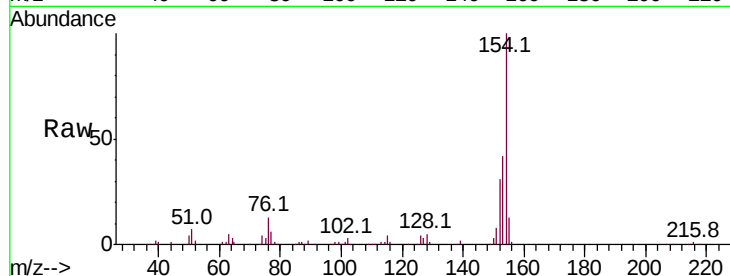




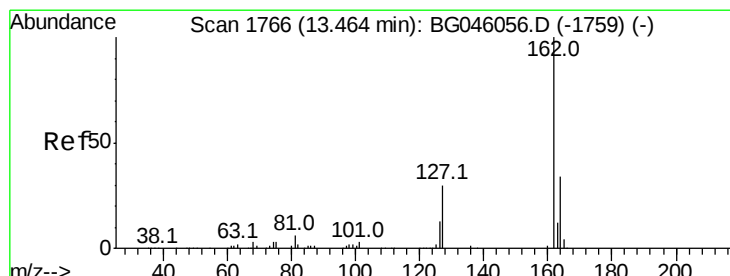
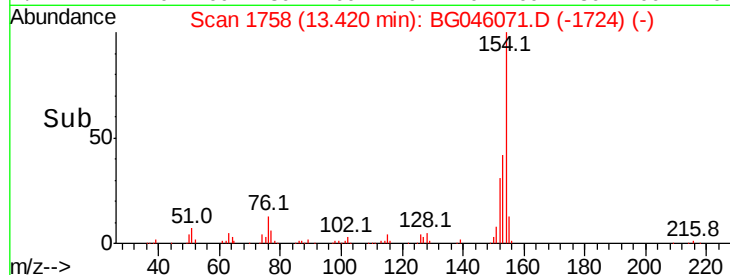
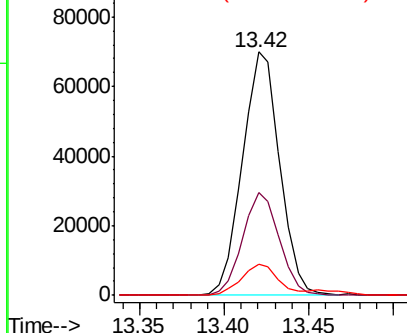
#41
 1,1'-Biphenyl
 Concen: 4.246 ng/ul
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-01

Tot Ion:154 Resp: 107576
 Ion Ratio Lower Upper
 154 100
 153 42.2 31.9 47.9
 76 12.9 9.3 13.9

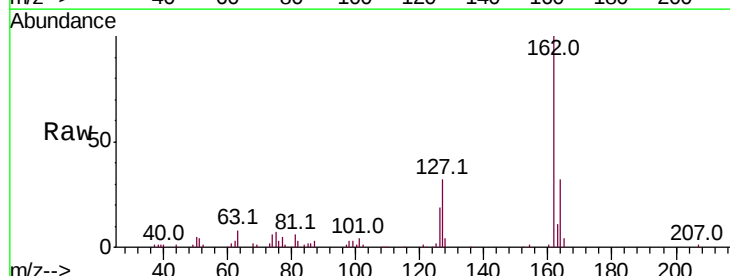


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

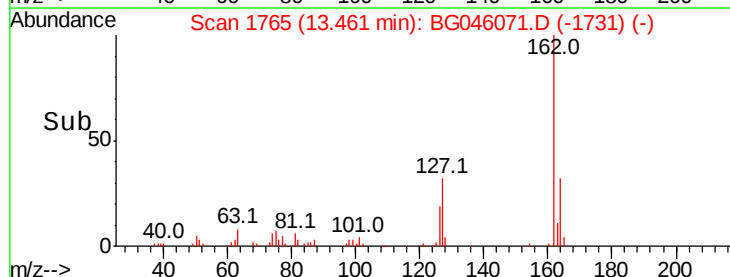
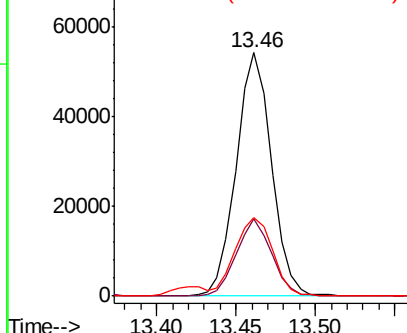


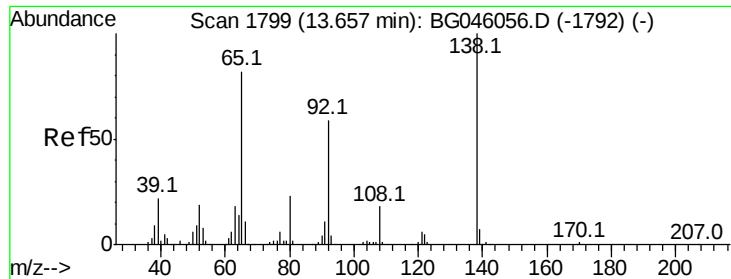
#42
 2-Chloronaphthalene
 Concen: 4.148 ng/ul
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Tgt Ion:162 Resp: 83837
 Ion Ratio Lower Upper
 162 100
 164 31.9 26.2 39.2
 127 32.1 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

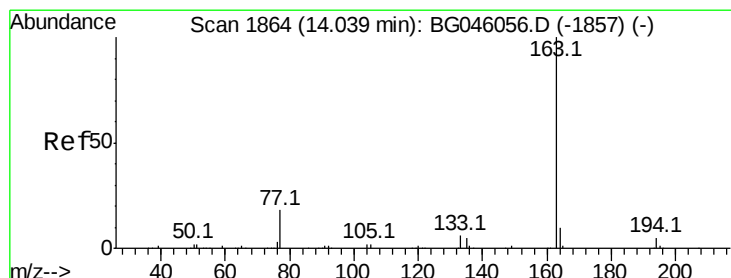
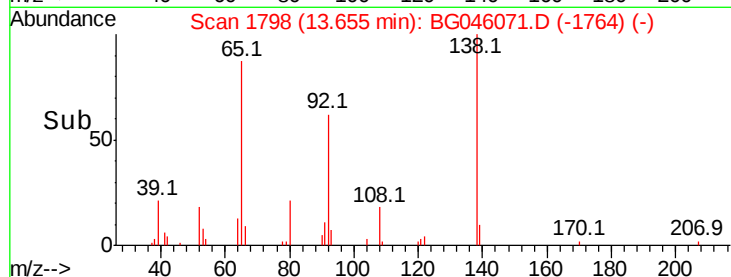
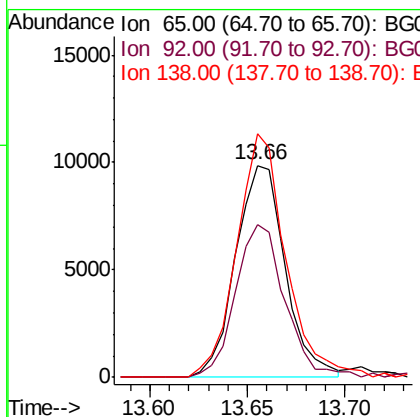
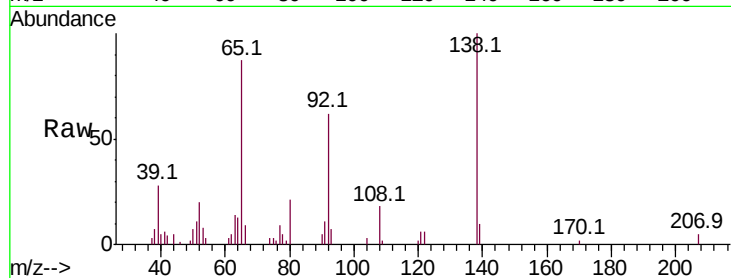




#43
2-Nitroaniline
Concen: 3.642 ng/ul
RT: 13.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

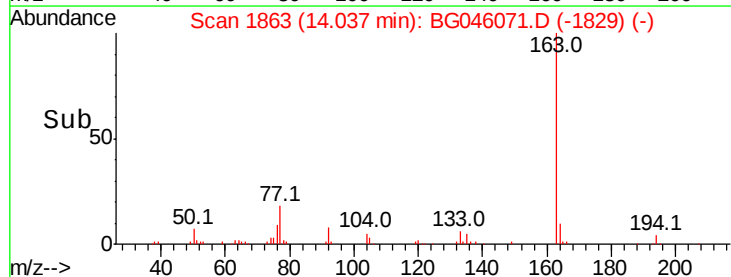
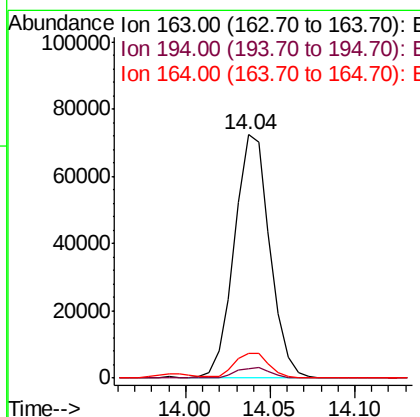
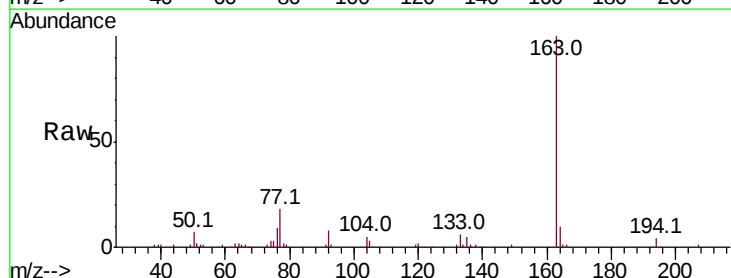
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

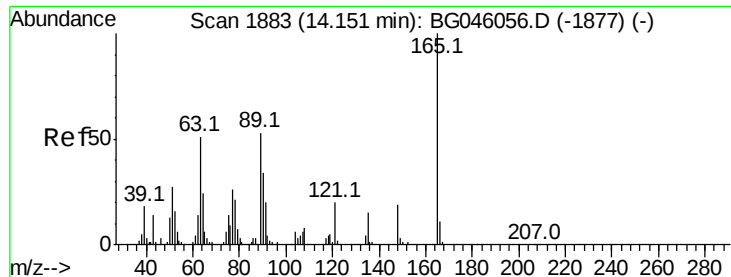
Tot Ion: 65 Resp: 17353
Ion Ratio Lower Upper
65 100
92 71.7 58.0 87.0
138 114.7 92.9 139.3



#45
Dimethylphthalate
Concen: 4.122 ng/ul
RT: 14.04 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion: 163 Resp: 105575
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.0 8.7 13.1

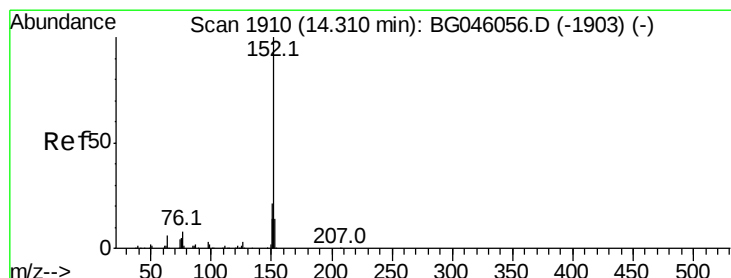
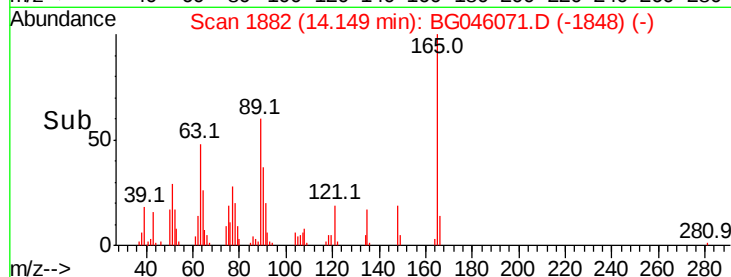
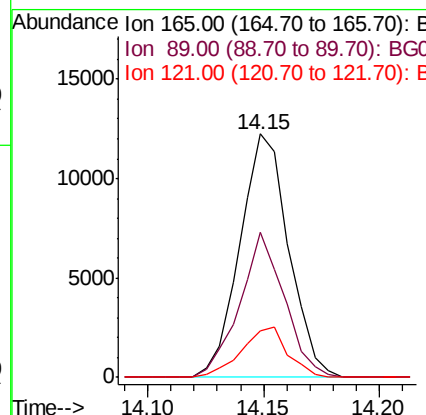
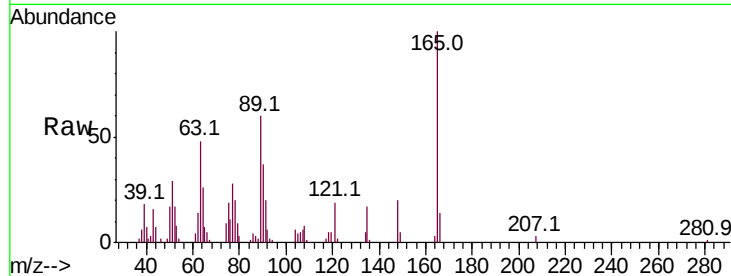




#46
 2,6-Dinitrotoluene
 Concen: 3.686 ng/ul
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

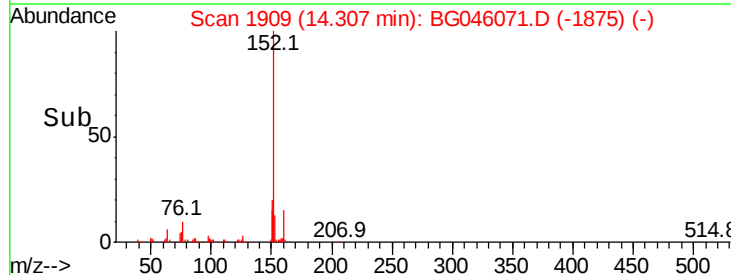
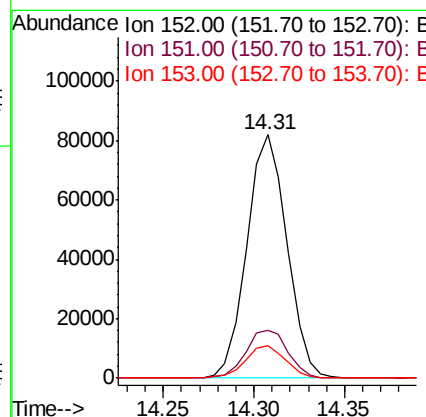
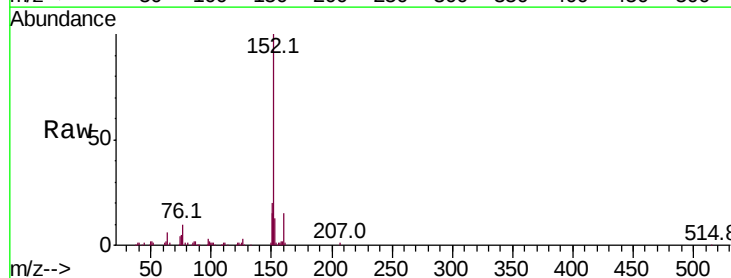
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-01

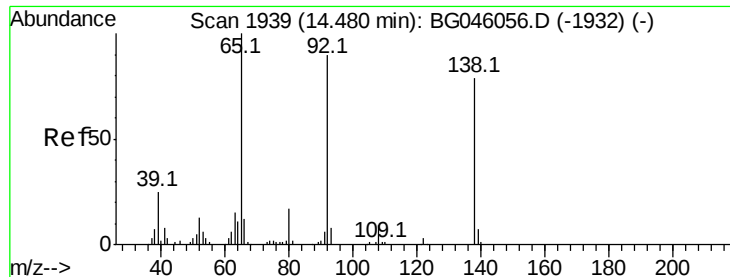
Tot Ion:165 Resp: 18002
 Ion Ratio Lower Upper
 165 100
 89 59.8 42.2 63.4
 121 19.3 16.0 24.0



#48
 Acenaphthylene
 Concen: 4.044 ng/ul
 RT: 14.31 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Tgt Ion:152 Resp: 125400
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.5 24.7
 153 13.1 11.0 16.6





#49

3-Nitroaniline

Concen: 3.108 ng/ul

RT: 14.48 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

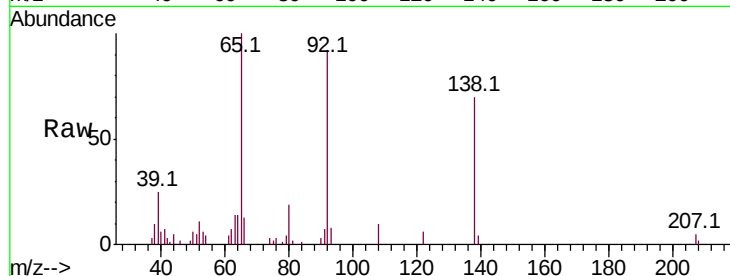
Tot Ion:138 Resp: 14299

Ion Ratio Lower Upper

138 100

108 14.3 7.9 11.9#

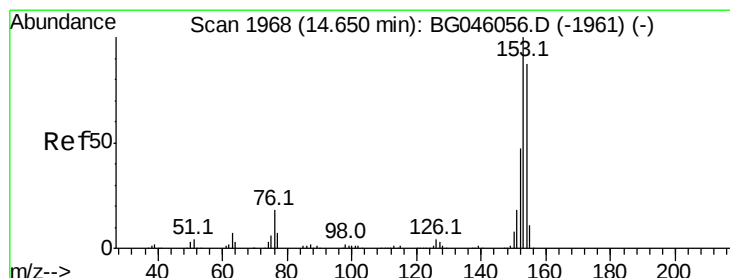
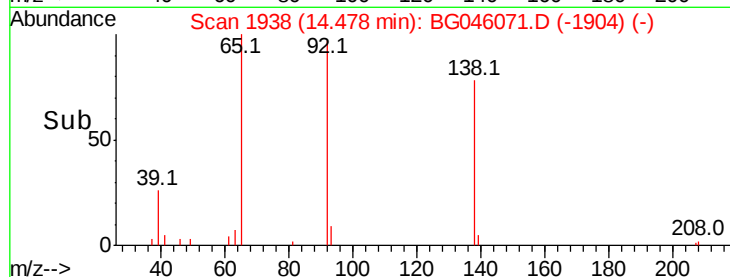
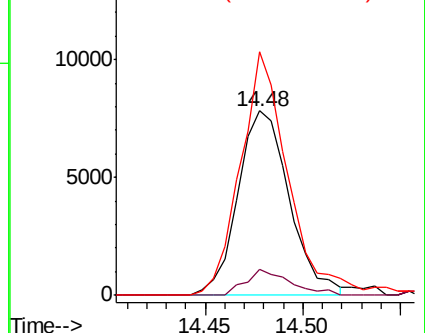
92 131.8 89.9 134.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#50

Acenaphthene

Concen: 3.962 ng/ul

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

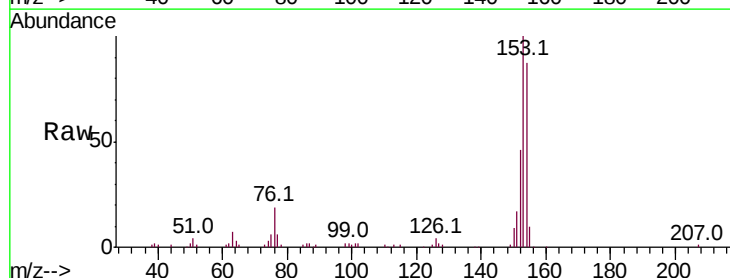
Tgt Ion:153 Resp: 88465

Ion Ratio Lower Upper

153 100

152 46.3 39.0 58.4

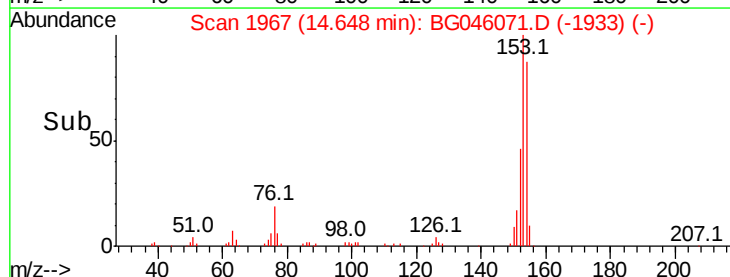
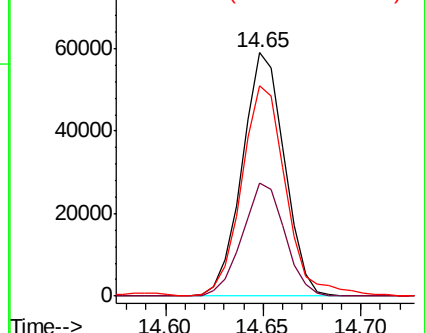
154 86.6 70.7 106.1

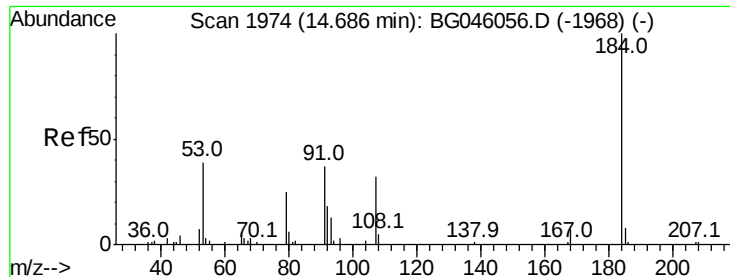


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

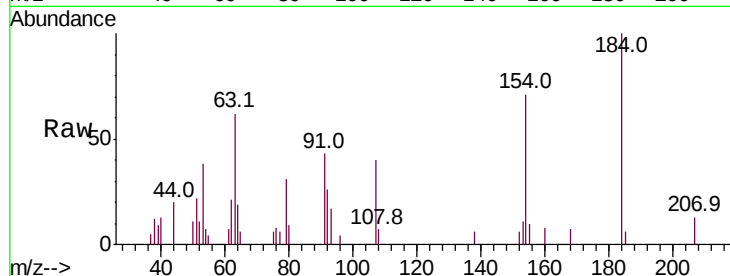




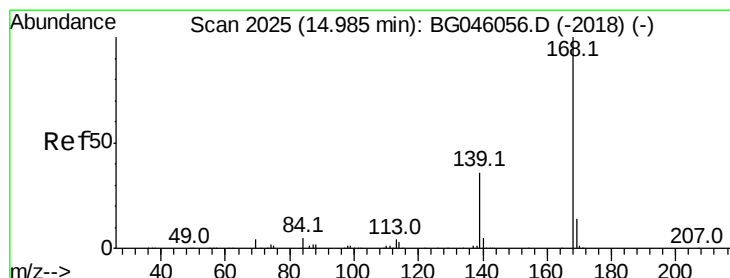
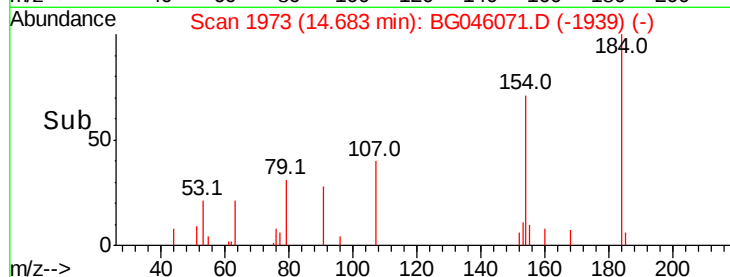
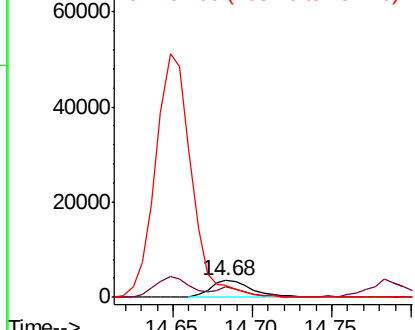
#51
2,4-Dinitrophenol
Concen: 3.090 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:184 Resp: 6681
Ion Ratio Lower Upper
184 100
63 61.8 35.7 53.5#
154 70.8 47.5 71.3

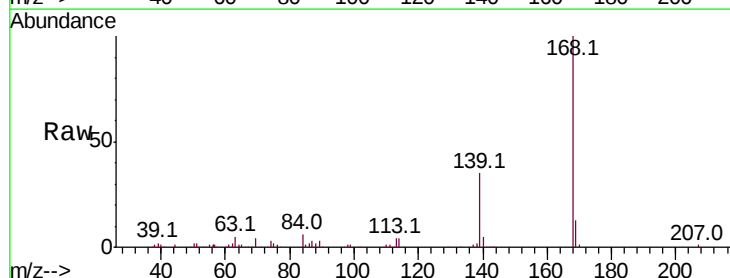


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

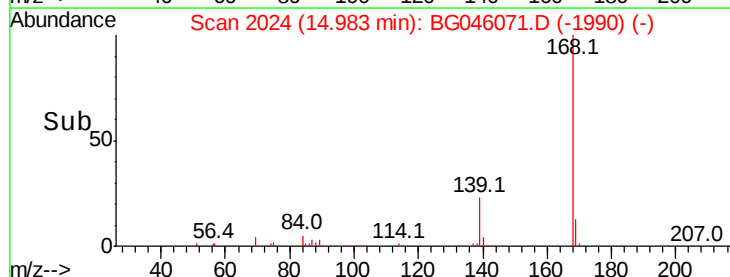
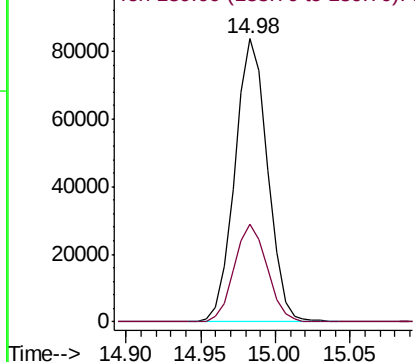


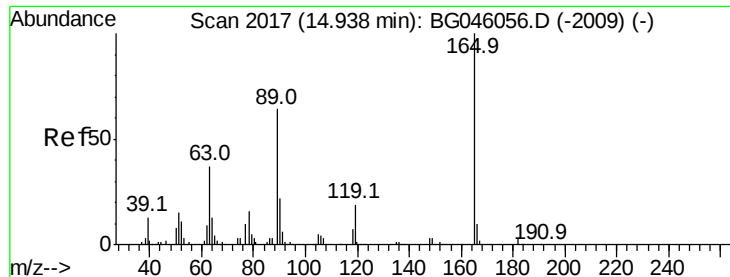
#54
Dibenzofuran
Concen: 4.191 ng/ul
RT: 14.98 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion:168 Resp: 127604
Ion Ratio Lower Upper
168 100
139 34.8 27.7 41.5



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#55

2,4-Dinitrotoluene

Concen: 3.974 ng/ul

RT: 14.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

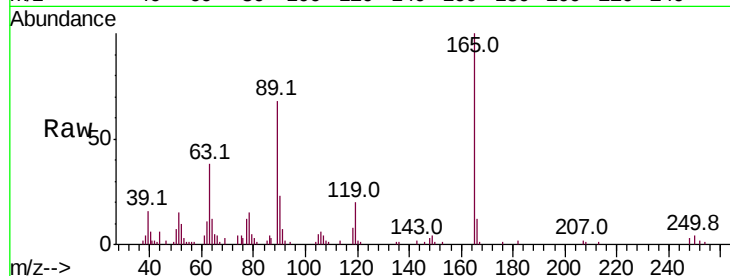
Tot Ion:165 Resp: 27640

Ion Ratio Lower Upper

165 100

63 38.2 29.4 44.0

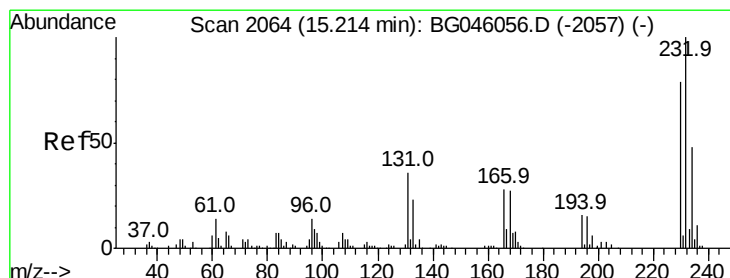
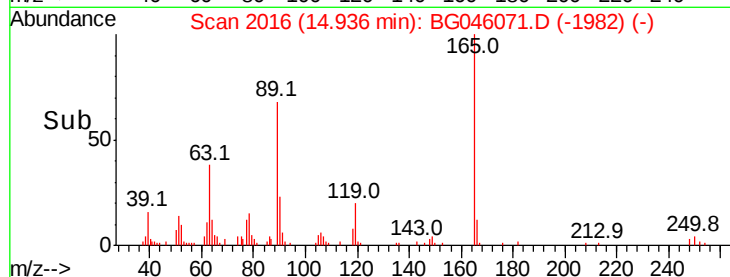
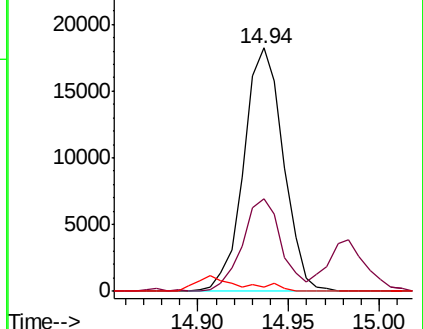
182 1.7 2.4 3.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E



#56

2,3,4,6-Tetrachlorophenol

Concen: 3.733 ng/ul

RT: 15.21 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Tgt Ion:232 Resp: 25041

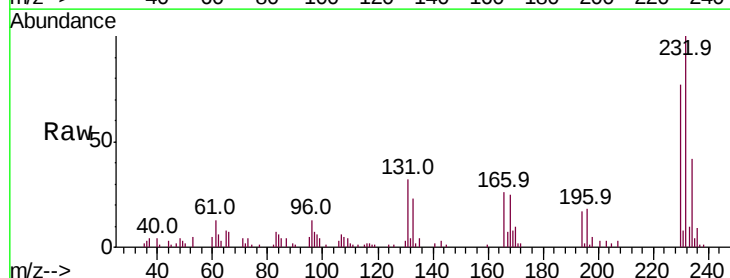
Ion Ratio Lower Upper

232 100

131 32.2 30.6 46.0

130 2.8 1.8 2.6#

166 26.3 23.4 35.2

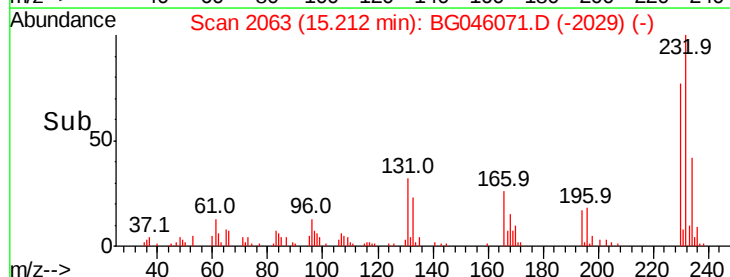
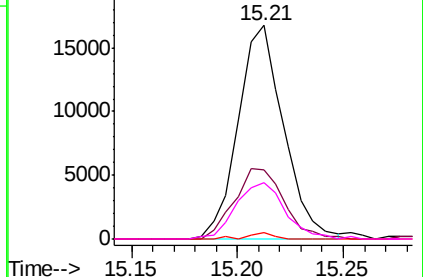


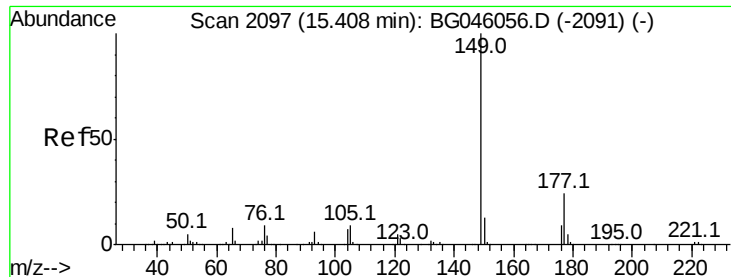
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

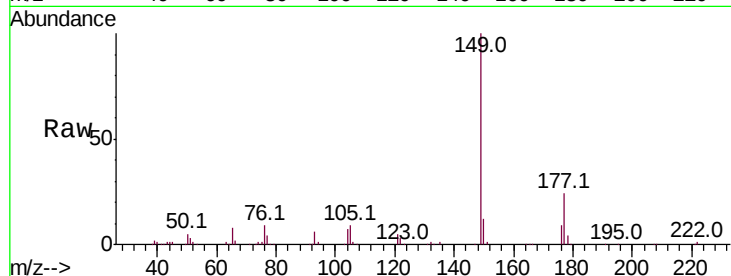




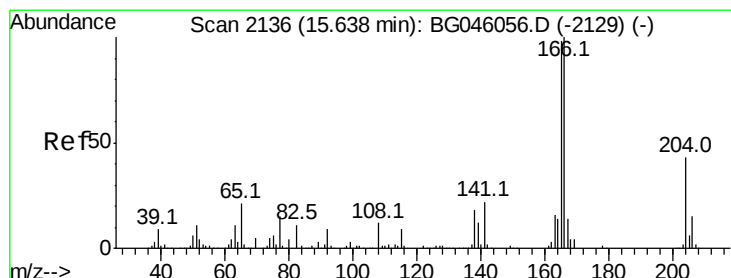
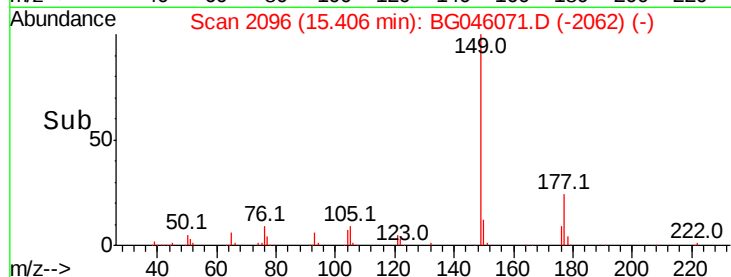
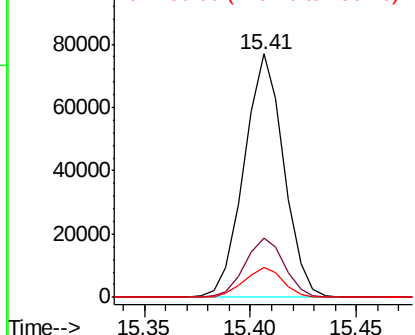
#57
Diethylphthalate
Concen: 3.965 ng/ul
RT: 15.41 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:149 Resp: 100304
Ion Ratio Lower Upper
149 100
177 24.3 19.0 28.6
150 12.2 9.6 14.4

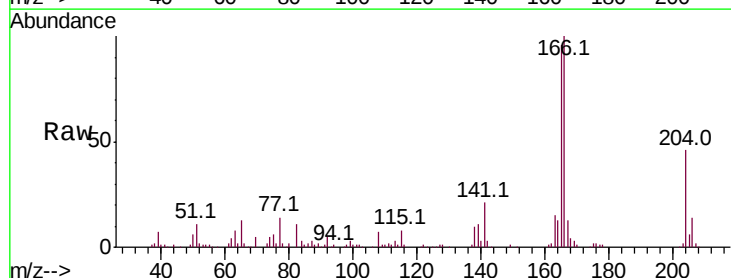


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

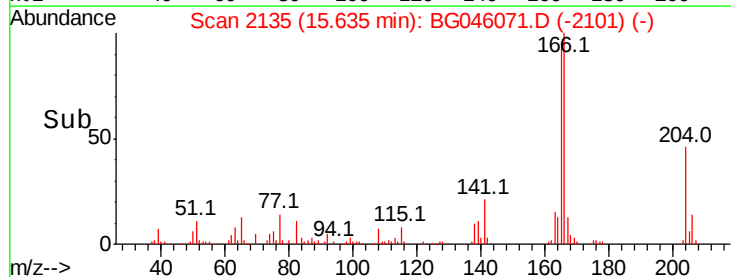
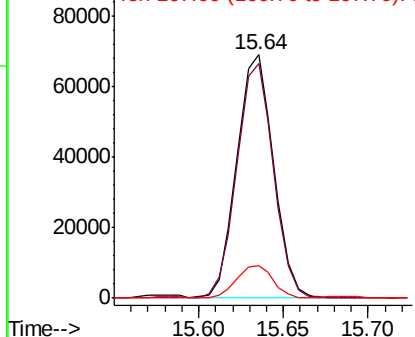


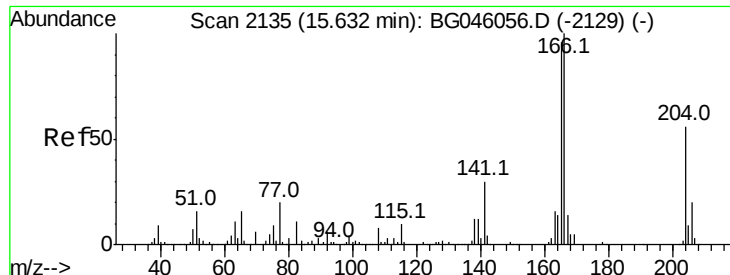
#59
Fluorene
Concen: 4.051 ng/ul
RT: 15.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion:166 Resp: 104606
Ion Ratio Lower Upper
166 100
165 96.3 75.3 112.9
167 13.3 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

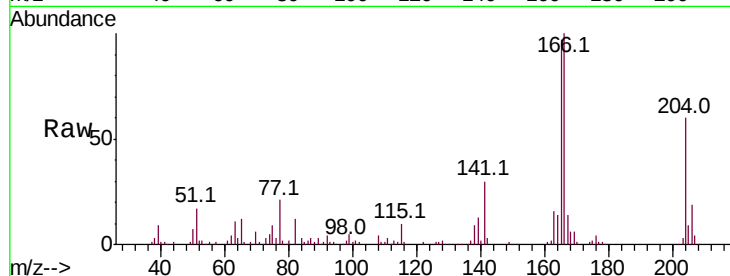




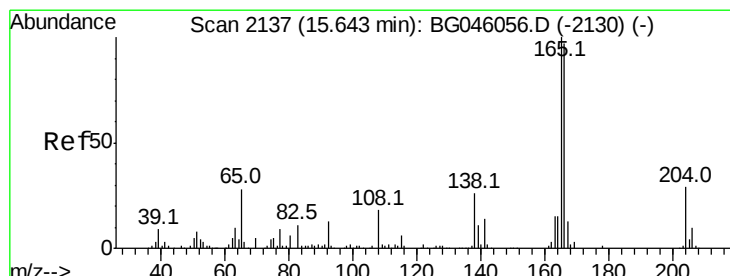
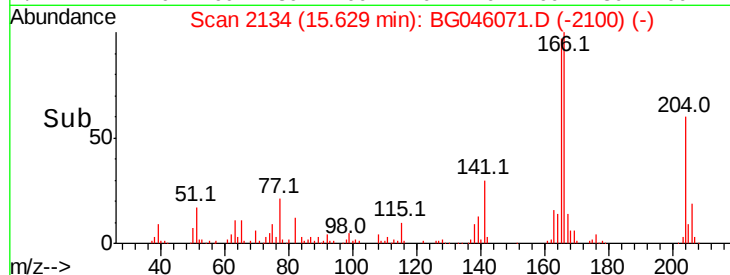
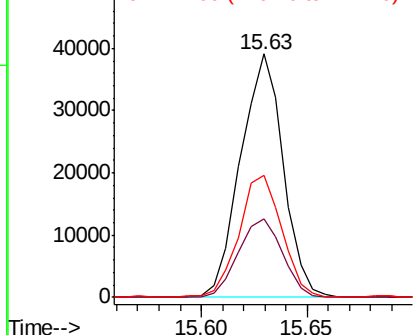
#60
4-Chlorophenyl-phenylether
Concen: 4.019 ng/ul
RT: 15.63 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:204 Resp: 54516
Ion Ratio Lower Upper
204 100
206 32.4 28.2 42.2
141 50.3 44.6 66.8

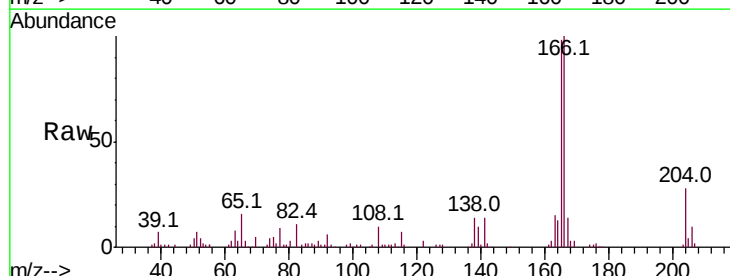


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

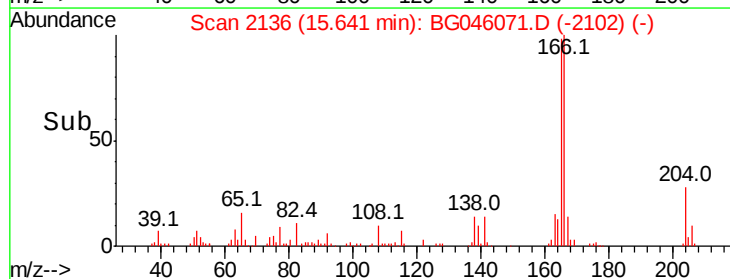
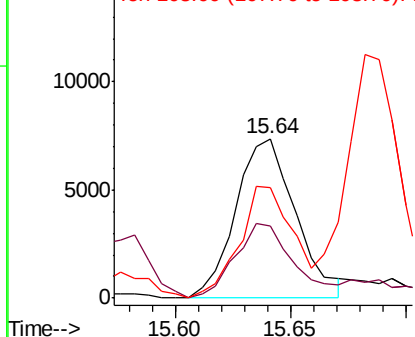


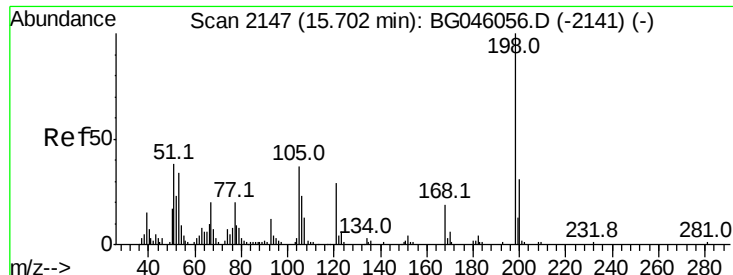
#61
4-Nitroaniline
Concen: 2.594 ng/ul
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion:138 Resp: 13305
Ion Ratio Lower Upper
138 100
92 45.6 40.0 60.0
108 69.5 53.1 79.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

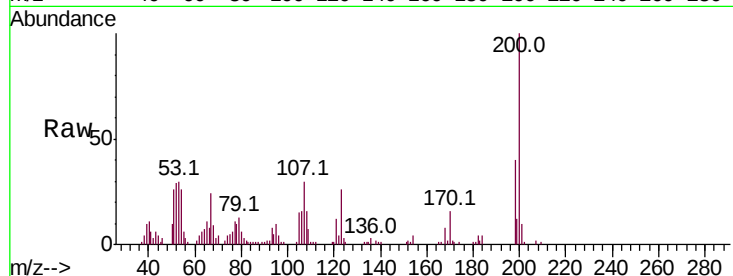




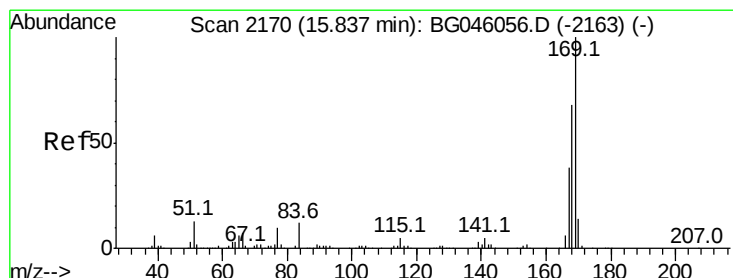
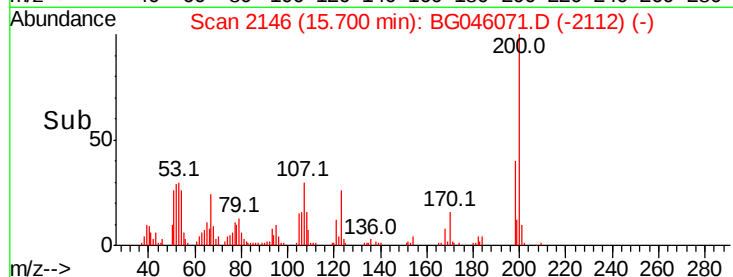
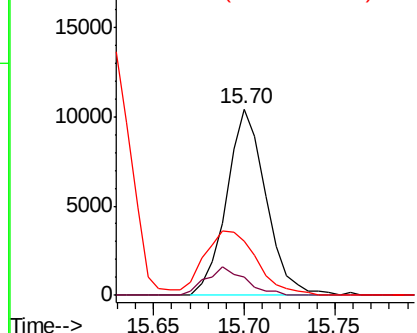
#64
4,6-Dinitro-2-methylphenol
Concen: 4.105 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:198 Resp: 15796
Ion Ratio Lower Upper
198 100
182 10.1 3.3 4.9#
77 28.9 15.4 23.0#

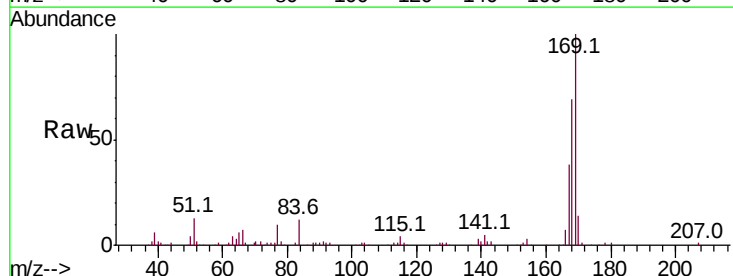


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BGC

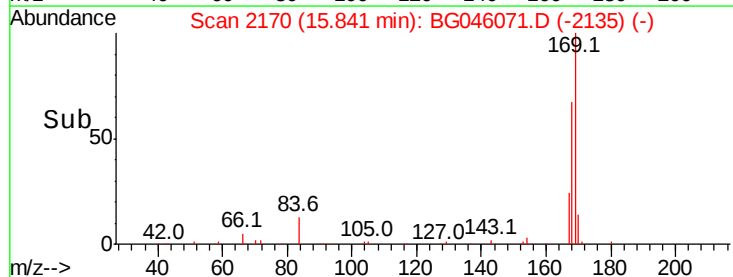
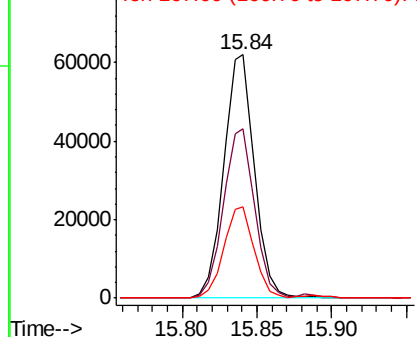


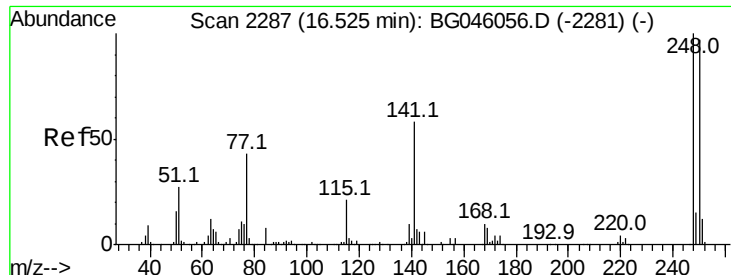
#65
N-Nitrosodiphenylamine
Concen: 4.260 ng/ul
RT: 15.84 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion:169 Resp: 89403
Ion Ratio Lower Upper
169 100
168 69.4 55.8 83.8
167 37.7 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.248 ng/ul

RT: 16.52 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

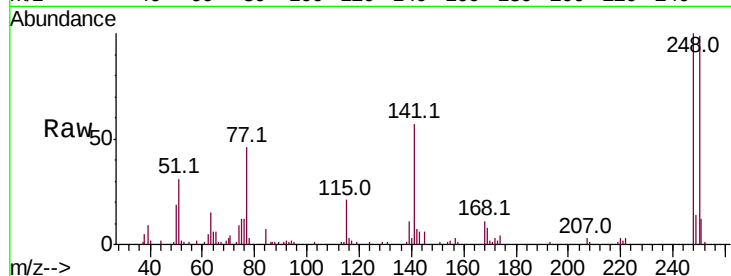
Tot Ion:248 Resp: 38100

Ion Ratio Lower Upper

248 100

250 98.8 73.2 109.8

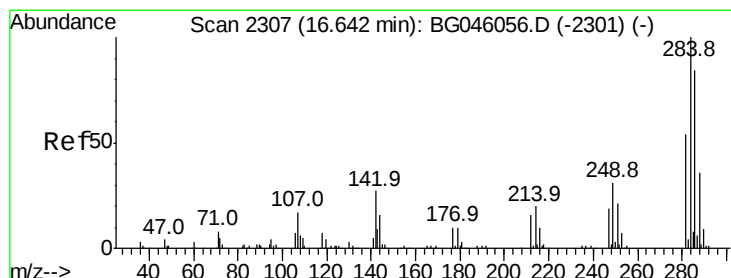
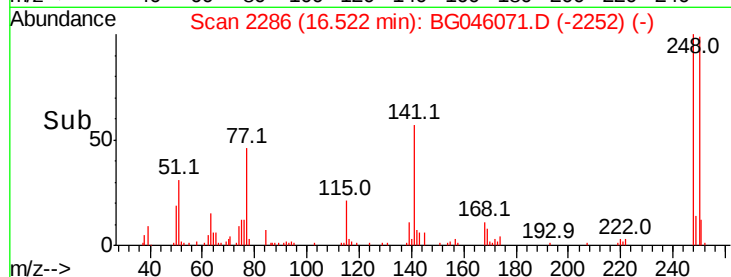
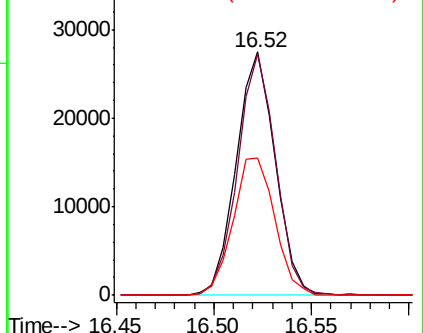
141 56.6 49.1 73.7



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 4.235 ng/ul

RT: 16.64 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

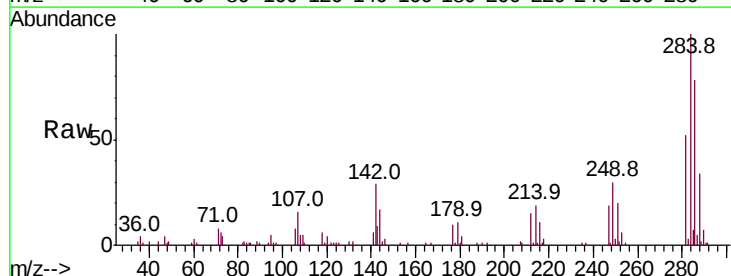
Tgt Ion:284 Resp: 42874

Ion Ratio Lower Upper

284 100

142 29.1 21.8 32.6

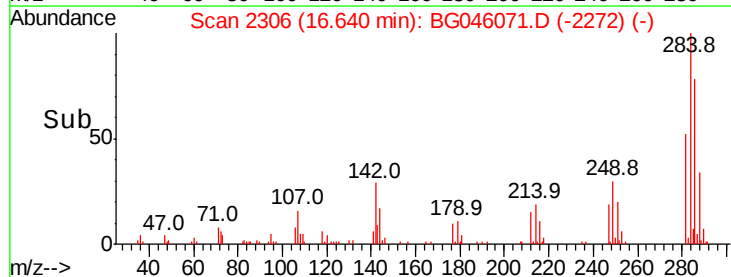
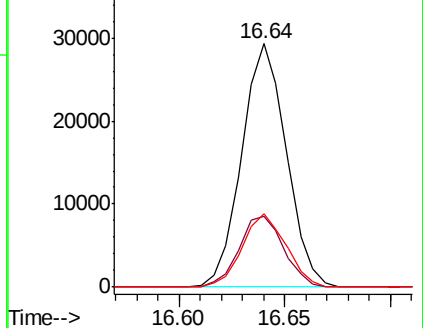
249 30.3 24.8 37.2

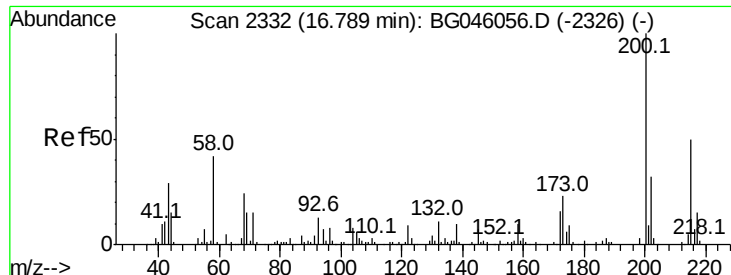


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

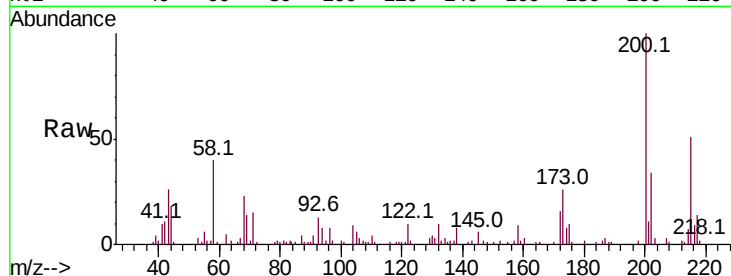




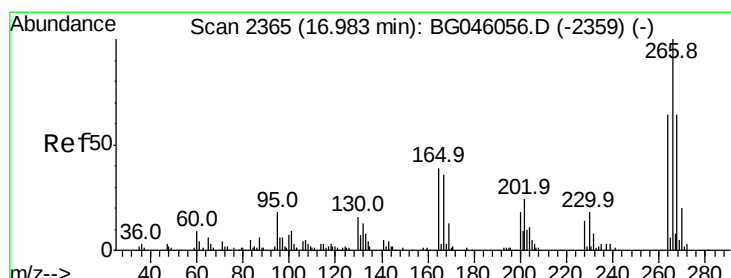
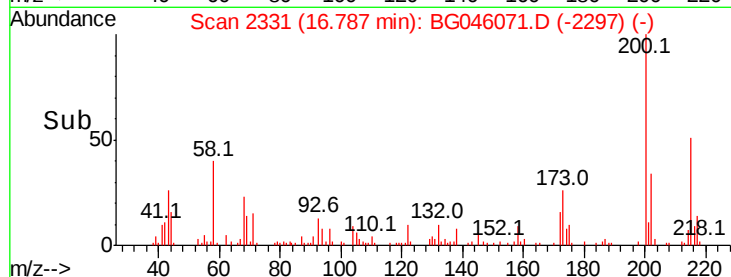
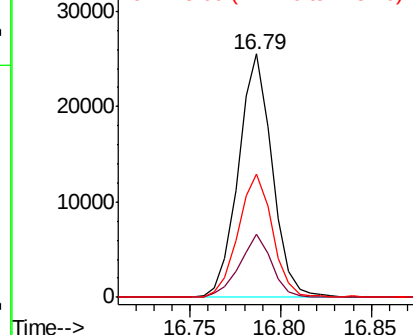
#68
Atrazine
Concen: 3.935 ng/ul
RT: 16.79 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:200 Resp: 33014
Ion Ratio Lower Upper
200 100
173 26.1 19.0 28.6
215 50.8 42.6 63.8

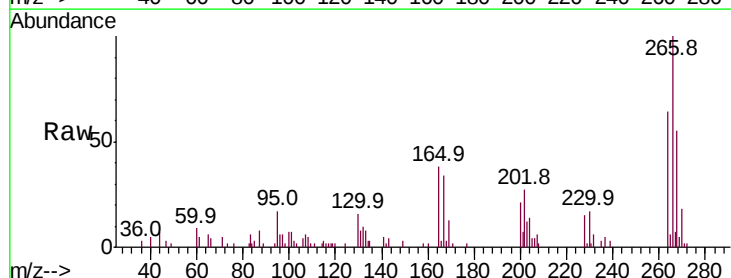


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

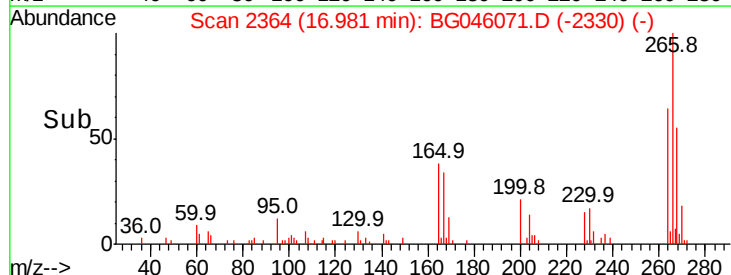
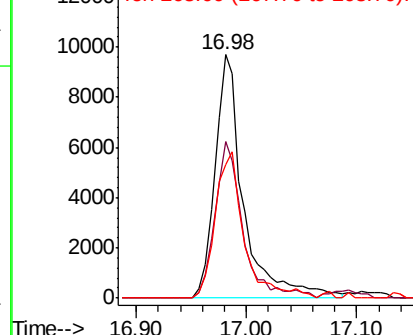


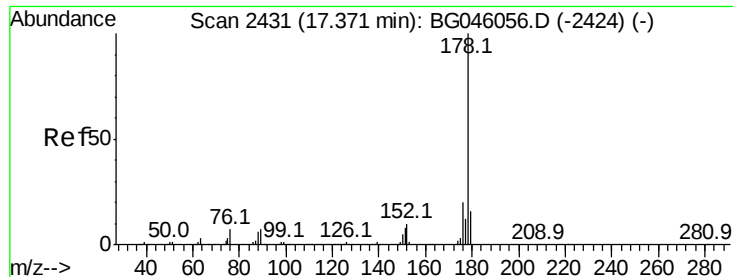
#69
Pentachlorophenol
Concen: 3.181 ng/ul
RT: 16.98 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion:266 Resp: 17163
Ion Ratio Lower Upper
266 100
264 64.3 51.3 76.9
268 55.0 53.8 80.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

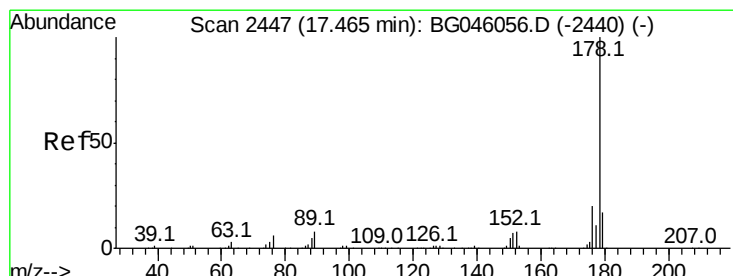
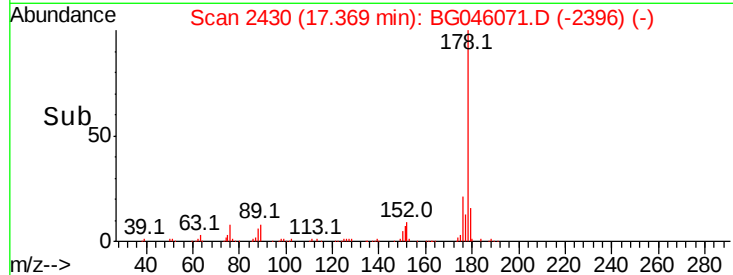
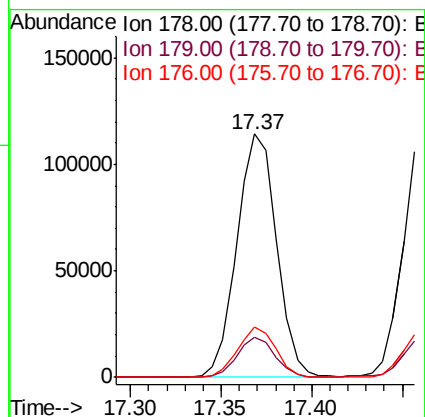
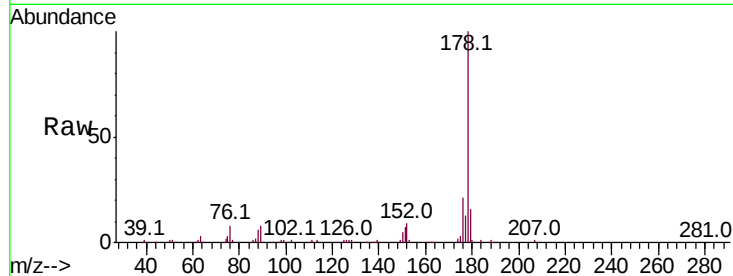




#70
Phenanthrene
Concen: 4.270 ng/ul
RT: 17.37 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

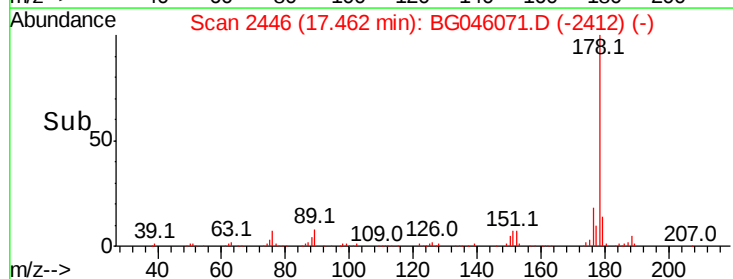
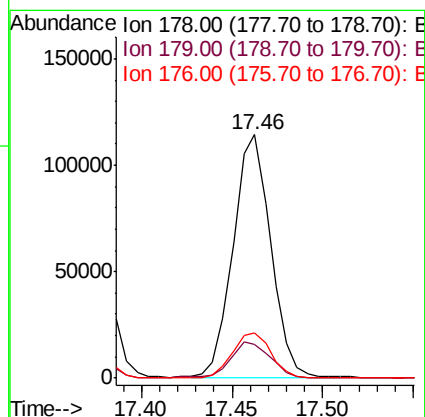
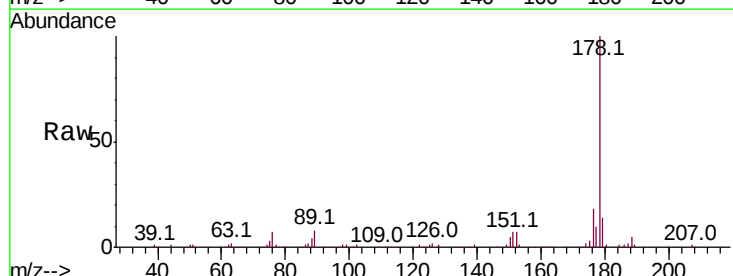
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

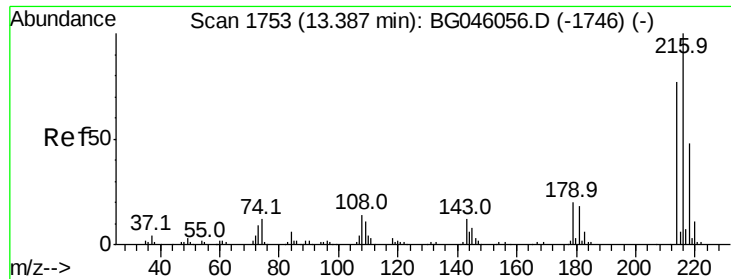
Tot Ion:178 Resp: 171981
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 20.6 16.0 24.0



#72
Anthracene
Concen: 4.118 ng/ul
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion:178 Resp: 165281
Ion Ratio Lower Upper
178 100
179 14.1 12.7 19.1
176 18.5 15.8 23.8

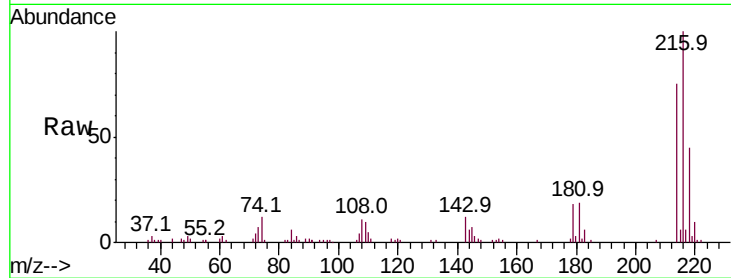




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.525 ng/uL
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-01

Tot Ion	Ratio	Lower	Upper
216	100		
214	74.7	62.9	94.3
218	44.9	40.2	60.2

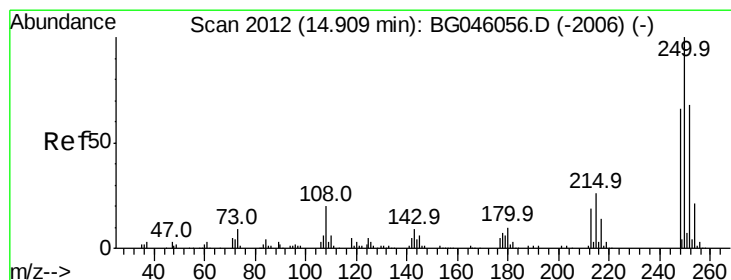
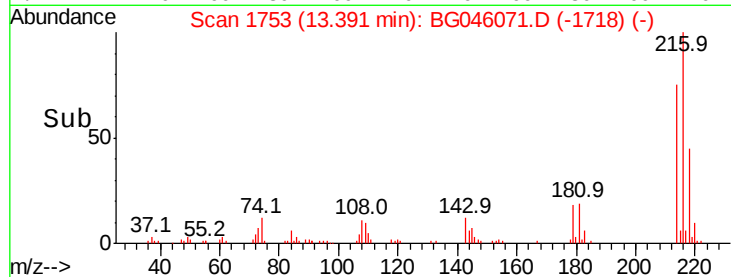
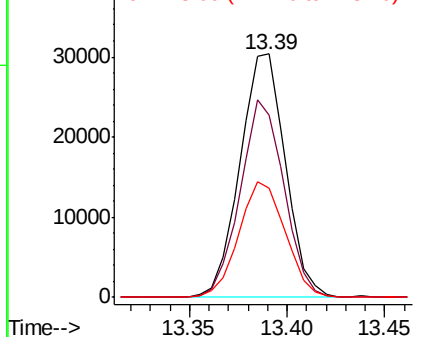


Abundance

Ion 216.00 (215.70 to 216.70): E

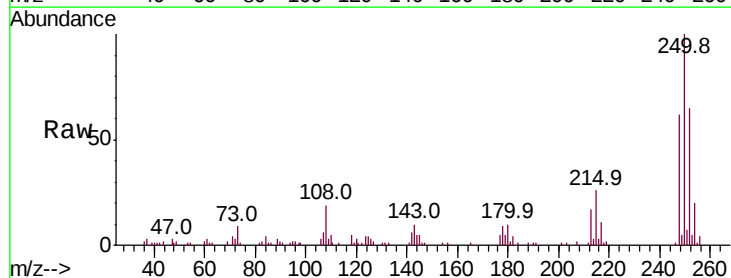
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#74
 Pentachlorobenzene
 Concen: 4.357 ng/uL
 RT: 14.91 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BG046071.D
 Acq: 24 Jul 2020 19:40

Tgt Ion	Ratio	Lower	Upper
250	100		
248	61.5	49.1	73.7
252	65.4	51.4	77.2

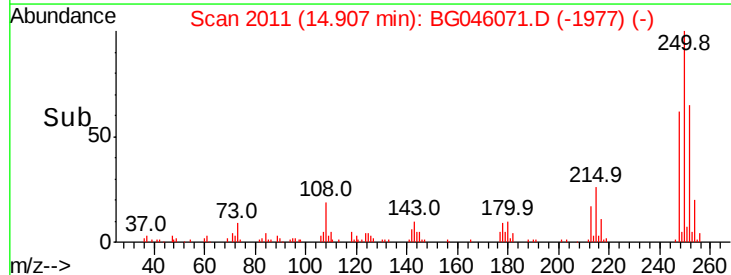
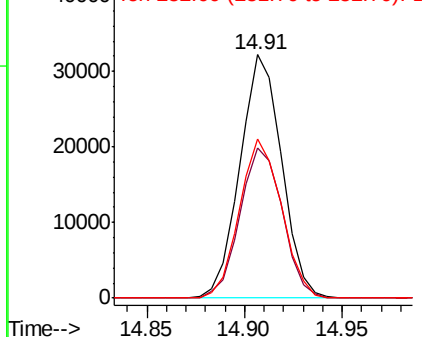


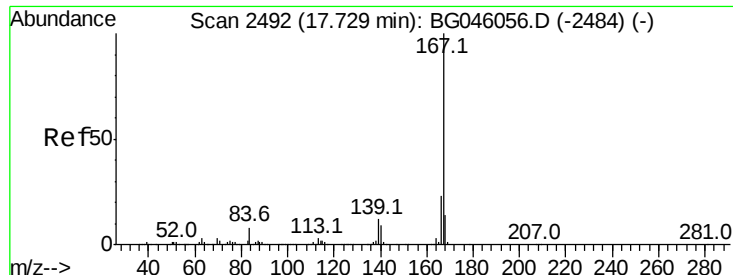
Abundance

Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#75

Carbazole

Concen: 4.595 ng/ul

RT: 17.73 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

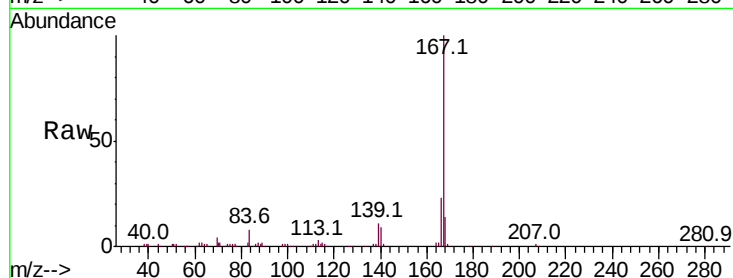
Tot Ion:167 Resp: 147996

Ion Ratio Lower Upper

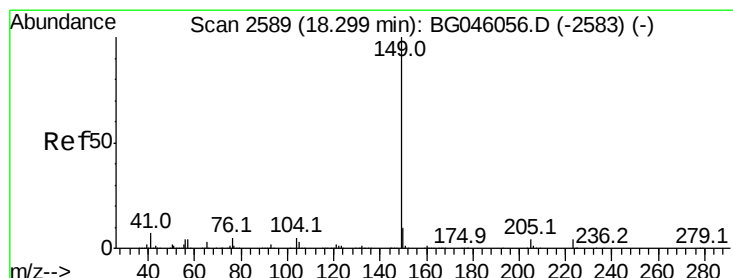
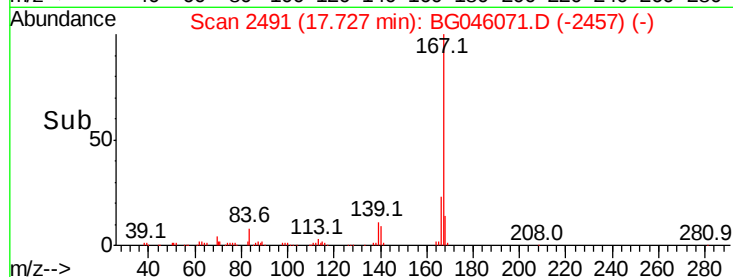
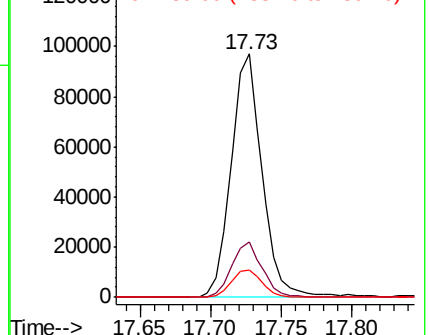
167 100

166 22.7 18.8 28.2

139 11.3 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 4.000 ng/ul

RT: 18.30 min Scan# 2589

Delta R.T. 0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

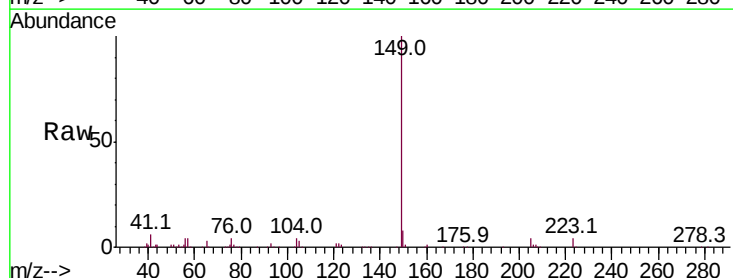
Tgt Ion:149 Resp: 158508

Ion Ratio Lower Upper

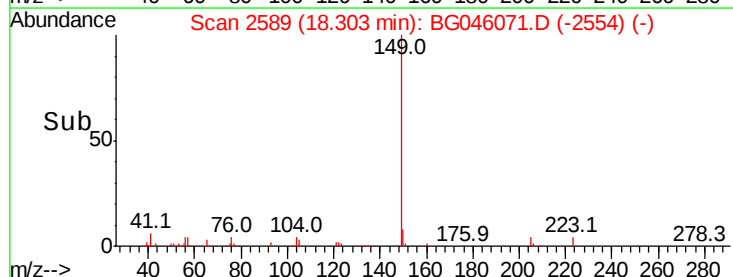
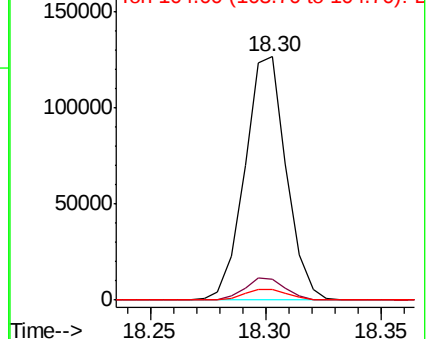
149 100

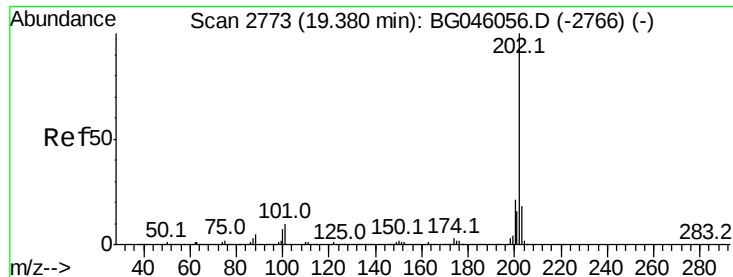
150 8.4 7.7 11.5

104 4.3 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

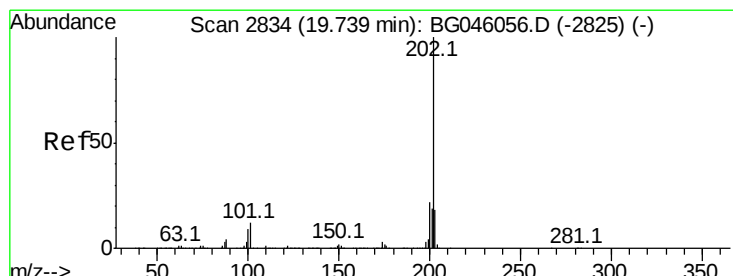
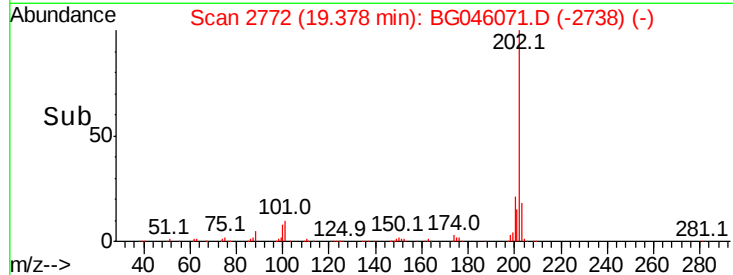
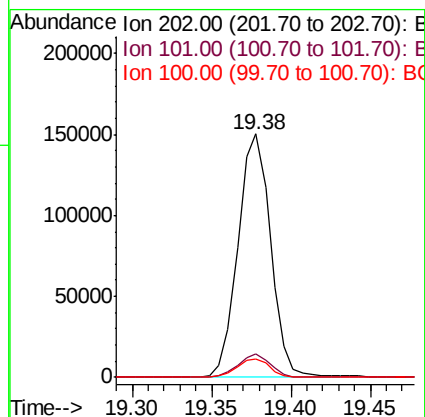
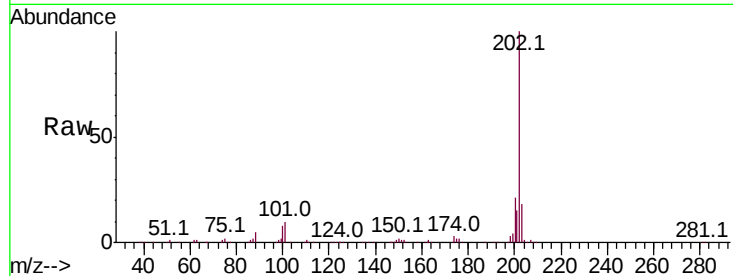




#77
Fluoranthene
Concen: 4.857 ng/ul
RT: 19.38 min Scan# 2772
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

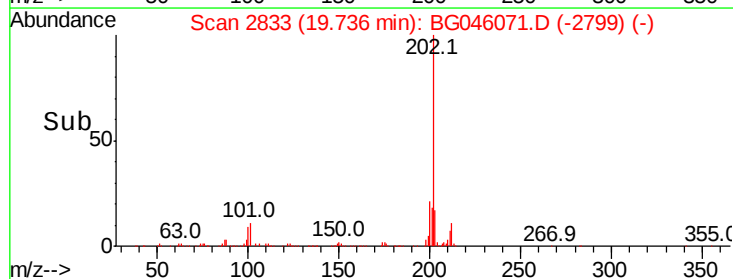
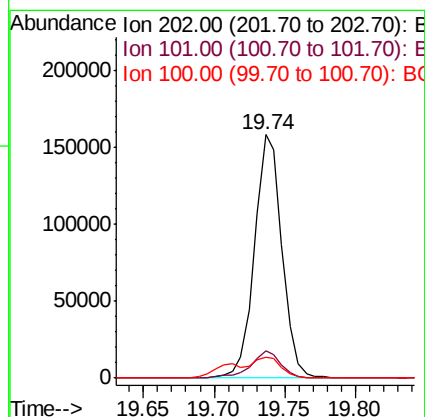
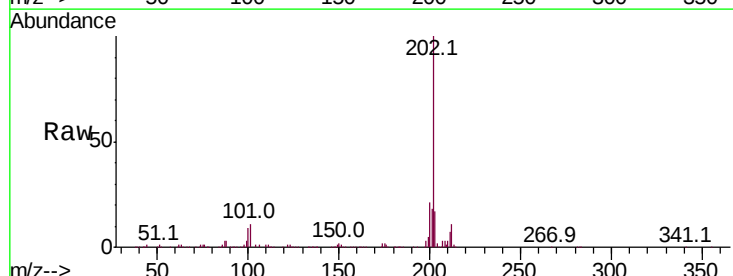
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

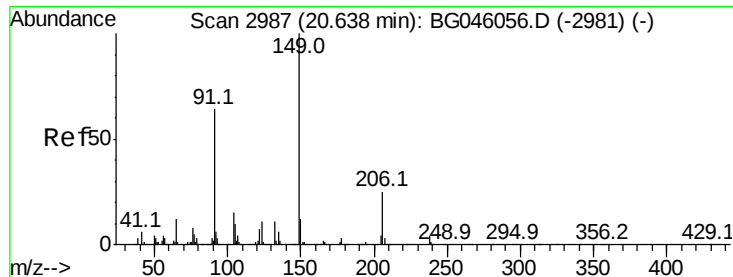
Tot Ion:	202	Resp:	214598
Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.8	11.6
100	7.6	6.5	9.7



#80
Pyrene
Concen: 4.395 ng/ul
RT: 19.74 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion:	202	Resp:	216786
Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
100	8.7	7.6	11.4





#81

Butylbenzylphthalate

Concen: 3.851 ng/ul

RT: 20.64 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

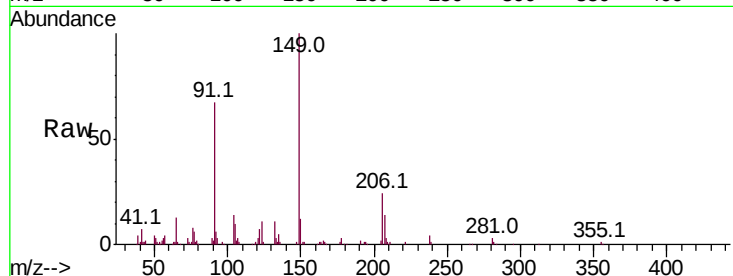
Tot Ion:149 Resp: 65199

Ion Ratio Lower Upper

149 100

91 66.6 55.1 82.7

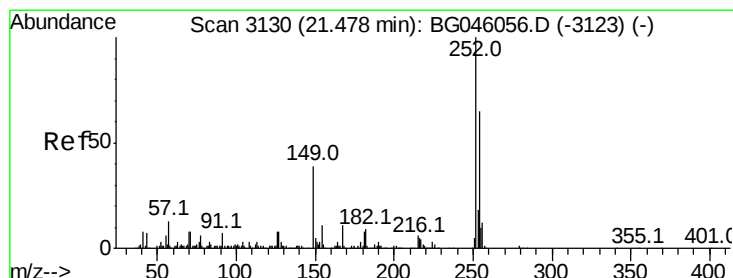
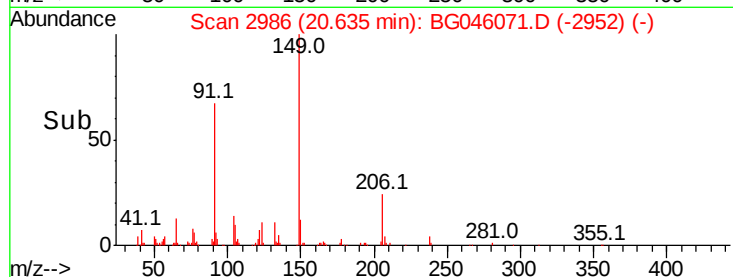
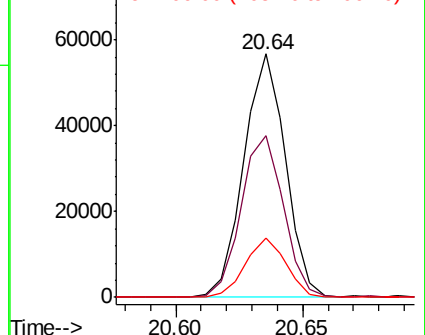
206 24.5 19.8 29.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.844 ng/ul

RT: 21.48 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

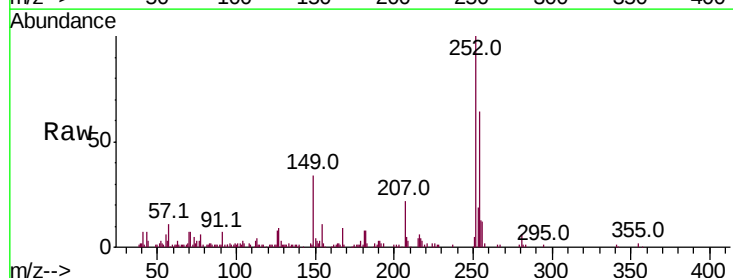
Tgt Ion:252 Resp: 60187

Ion Ratio Lower Upper

252 100

254 64.1 51.7 77.5

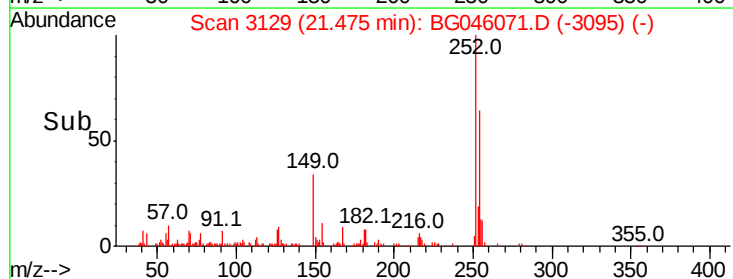
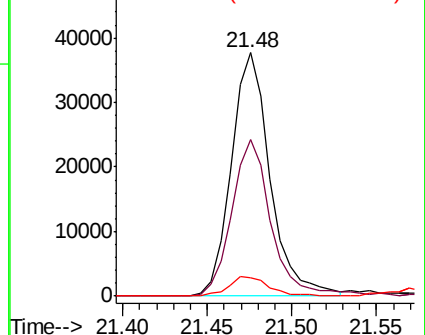
126 7.5 7.0 10.4

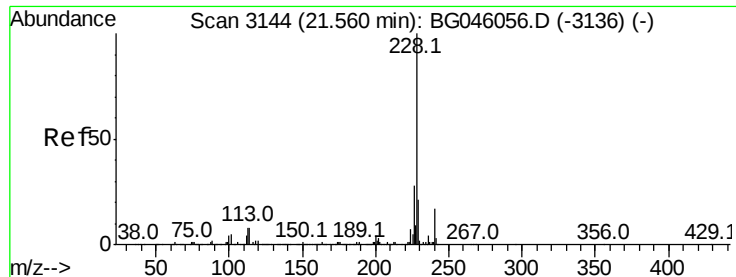


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 4.491 ng/ul

RT: 21.56 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

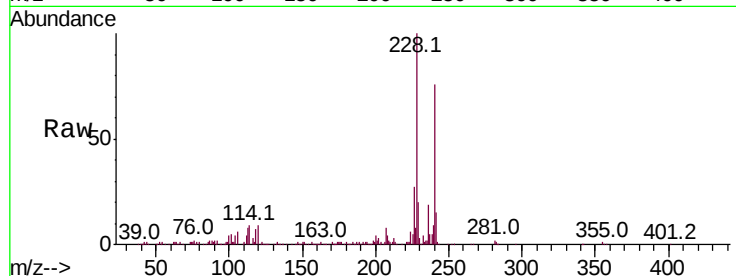
Tot Ion:228 Resp: 215741

Ion Ratio Lower Upper

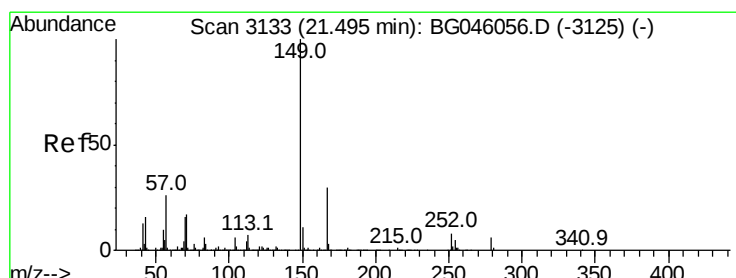
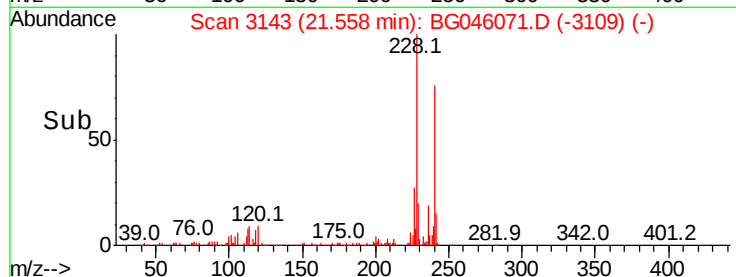
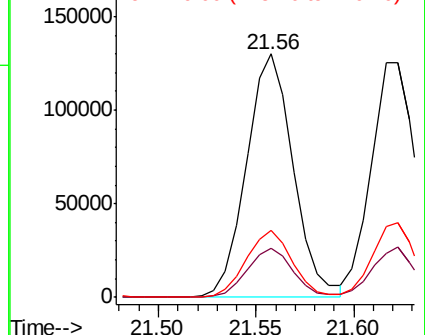
228 100

229 20.0 16.2 24.4

226 27.4 22.6 33.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.912 ng/ul

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

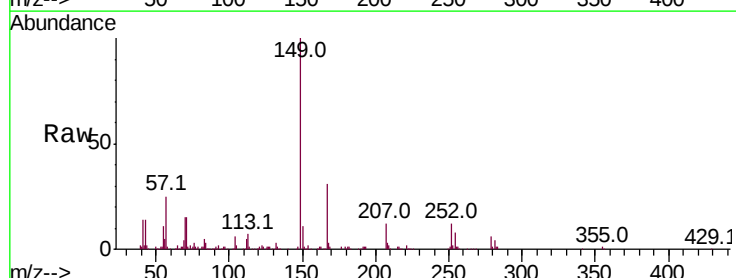
Tgt Ion:149 Resp: 96346

Ion Ratio Lower Upper

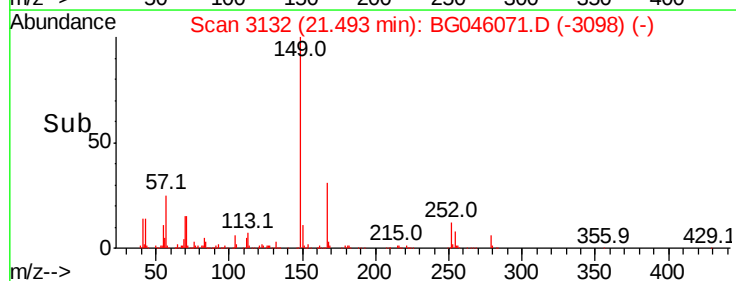
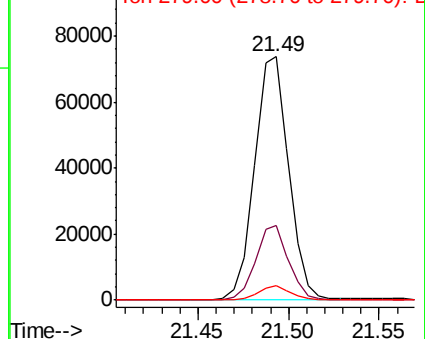
149 100

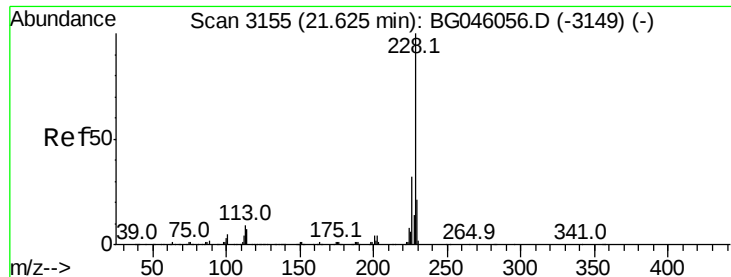
167 30.7 24.6 37.0

279 6.0 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 4.355 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

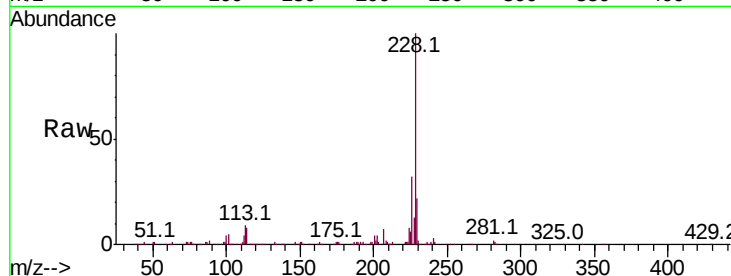
Tot Ion:228 Resp: 203380

Ion Ratio Lower Upper

228 100

226 31.7 25.3 37.9

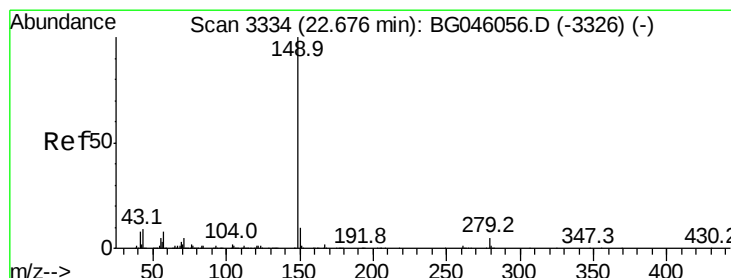
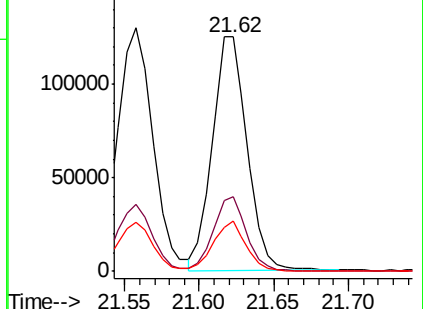
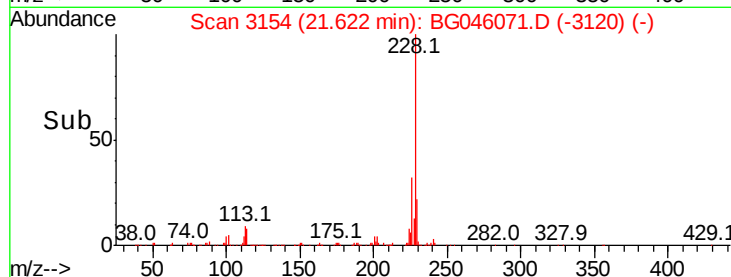
229 21.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Di-n-octyl phthalate

Concen: 3.634 ng/ul

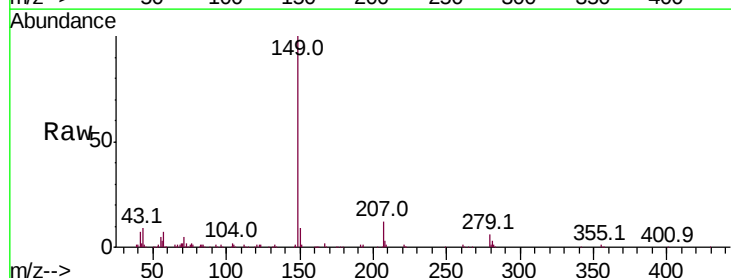
RT: 22.67 min Scan# 3333

Delta R.T. -0.00 min

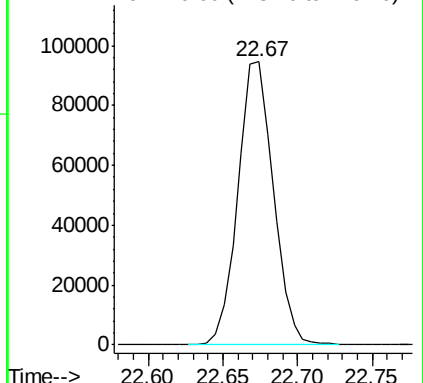
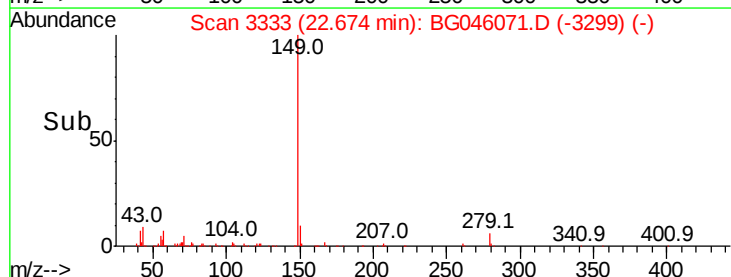
Lab File: BG046071.D

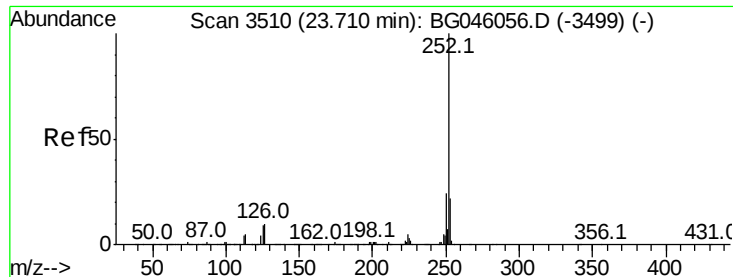
Acq: 24 Jul 2020 19:40

Tgt Ion:149 Resp: 155223



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 3.843 ng/ul

RT: 23.70 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

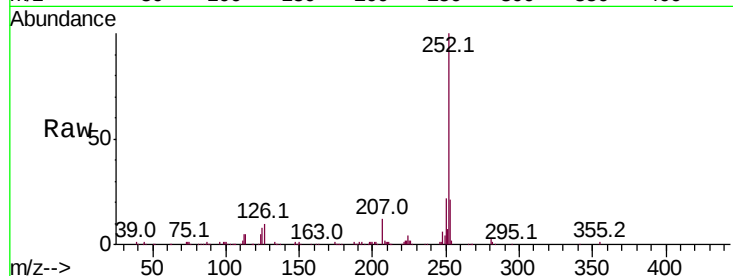
Tot Ion:252 Resp: 212246

Ion Ratio Lower Upper

252 100

253 21.0 18.0 27.0

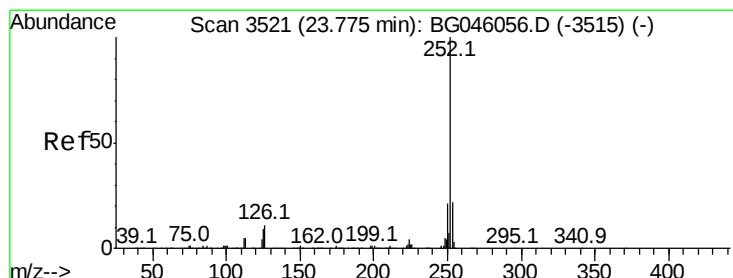
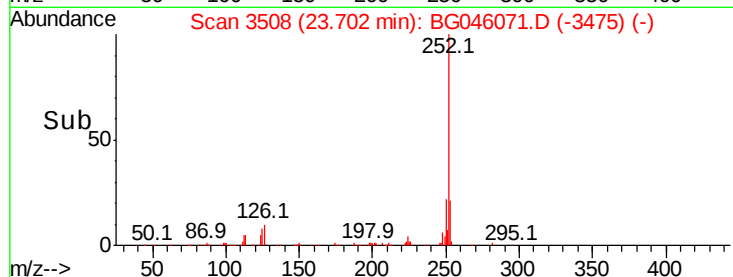
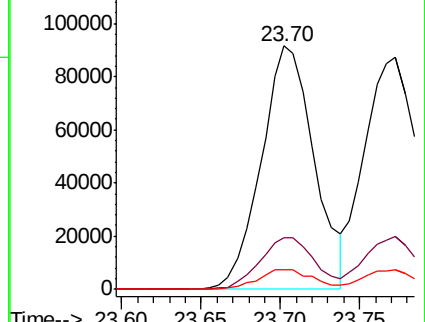
125 8.2 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 3.797 ng/ul

RT: 23.77 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

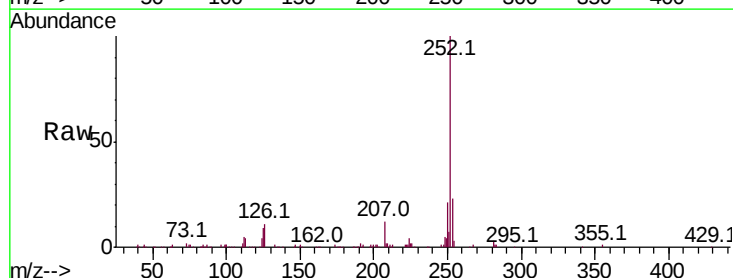
Tgt Ion:252 Resp: 205872

Ion Ratio Lower Upper

252 100

253 22.7 18.8 28.2

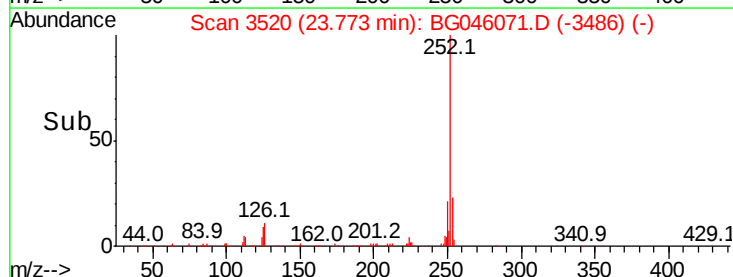
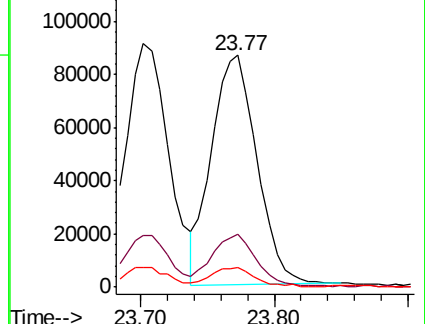
125 8.5 6.7 10.1

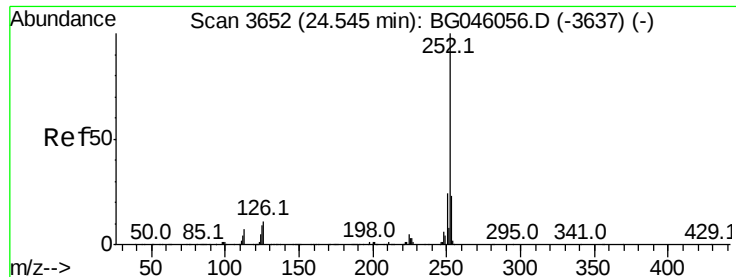


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.960 ng/ul

RT: 24.54 min Scan# 3651

Delta R.T. -0.00 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

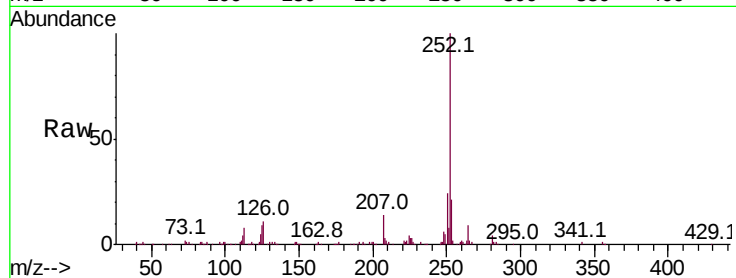
Tot Ion:252 Resp: 200555

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

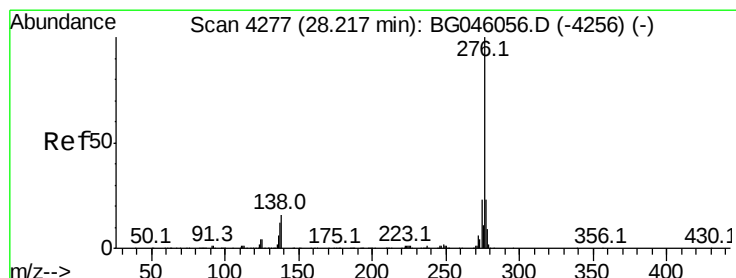
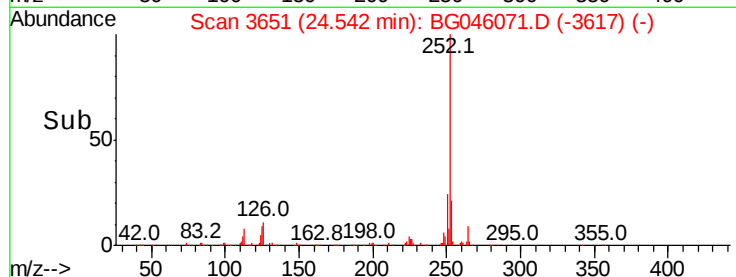
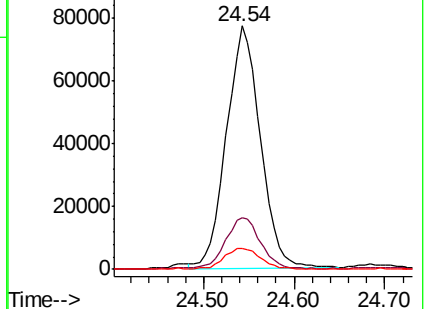
125 8.6 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.683 ng/ul

RT: 28.21 min Scan# 4275

Delta R.T. -0.01 min

Lab File: BG046071.D

Acq: 24 Jul 2020 19:40

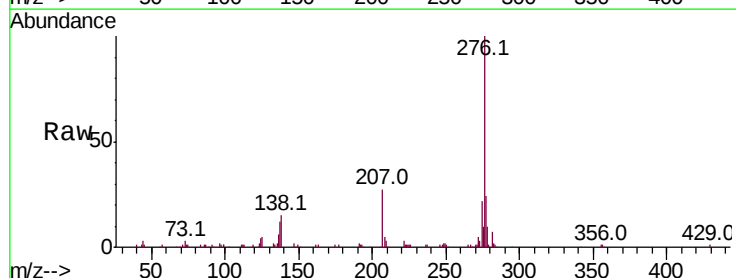
Tgt Ion:276 Resp: 232919

Ion Ratio Lower Upper

276 100

138 15.1 12.6 18.8

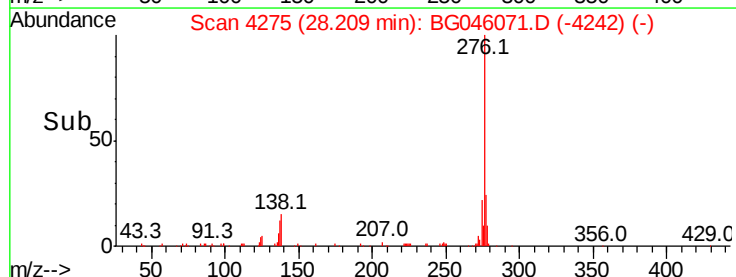
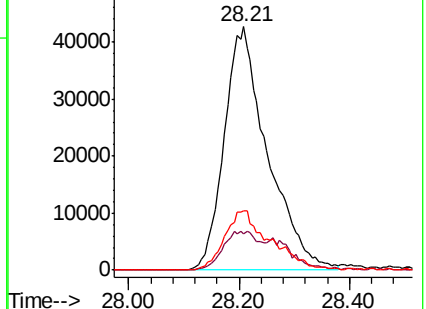
277 24.4 18.5 27.7

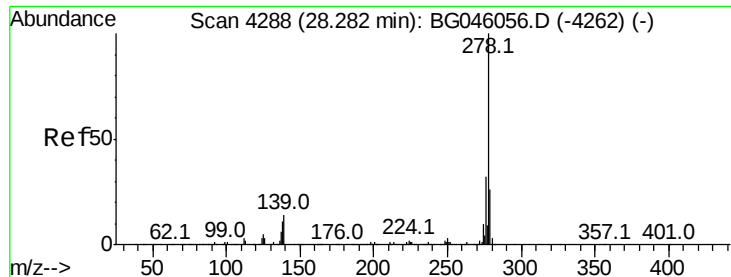


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

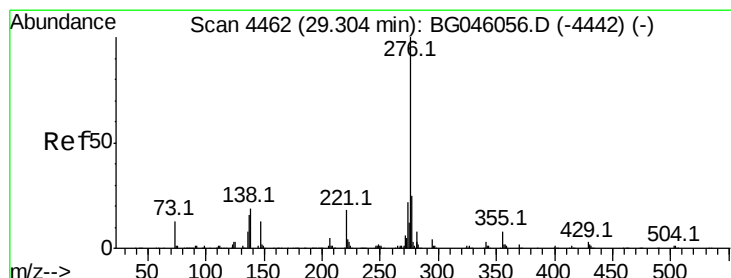
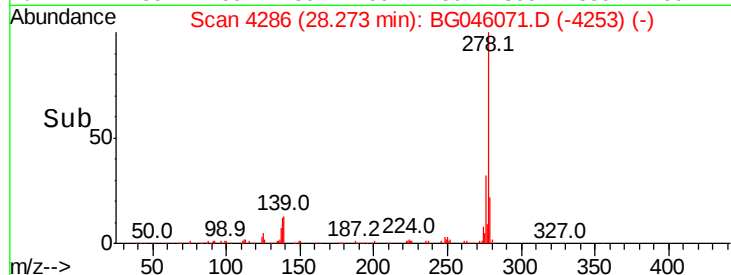
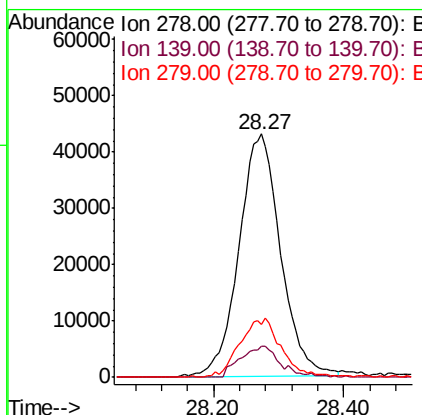
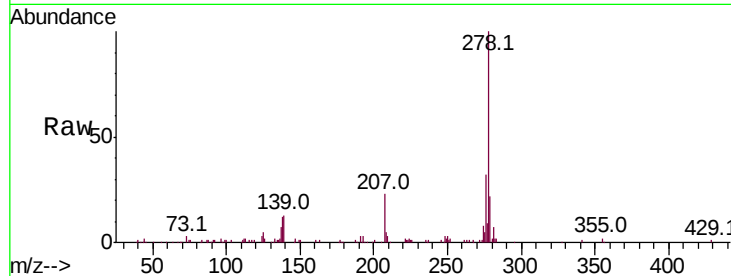




#93
Dibenzo(a,h)anthracene
Concen: 3.656 ng/ul
RT: 28.27 min Scan# 4286
Delta R.T. -0.01 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.6	16.0
279	22.0	19.4	29.0



#94
Benzo(g,h,i)perylene
Concen: 3.677 ng/ul
RT: 29.30 min Scan# 4461
Delta R.T. -0.00 min
Lab File: BG046071.D
Acq: 24 Jul 2020 19:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	13.6	20.4
277	24.3	18.8	28.2

