

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
 Data File : BG046073.D
 Acq On : 24 Jul 2020 21:01
 Operator : CG/JU
 Sample : L1955-16
 Misc : MDL-SOILME-02
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Quant Time: Jul 24 23:44:49 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	97025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	415702	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	287448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	653712	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	700599	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	782234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	3734	1.90	ng/uL	0.00
5) Phenol-d5	7.12	99	224678	29.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	139100	29.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	183936	30.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	185683	28.91	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	90029	30.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	97839	32.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	191426	28.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	267424	34.97	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	663035	29.57	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	793920	29.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	105690	28.87	ng/ul	0.00
58) Fluorene-d10	15.58	176	593601	29.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	96162	29.39	ng/ul	0.00
71) Anthracene-d10	17.43	188	895002	29.69	ng/ul	0.00
79) Pyrene-d10	19.71	212	1110369	29.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1200406	27.69	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.46	88	4747	1.973	ng/uL 93
4) Benzaldehyde	7.10	77	13397	2.468	ng/ul 97
6) Phenol	7.15	94	31253	3.985	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.38	93	25906	4.036	ng/ul 93
10) 2-Chlorophenol	7.53	128	25384	4.109	ng/ul 96
11) 2-Methylphenol	8.40	108	23142	3.662	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.50	45	43600	4.019	ng/ul# 97
14) Acetophenone	8.78	105	39592	4.177	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.77	70	21061	4.107	ng/ul 93
16) 4-Methylphenol	8.73	108	26572	3.925	ng/ul 89
17) Hexachloroethane	9.05	117	10470	3.994	ng/ul 97
20) Nitrobenzene	9.15	77	28745	3.812	ng/ul 100
21) Isophorone	9.68	82	57038	3.871	ng/ul 95
23) 2-Nitrophenol	9.87	139	14290	4.255	ng/ul 93
24) 2,4-Dimethylphenol	9.93	107	25060	3.368	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.16	93	35367	3.794	ng/ul 99
27) 2,4-Dichlorophenol	10.41	162	27682	4.137	ng/ul 96
28) Naphthalene	10.81	128	86689	3.897	ng/ul 97
30) 4-Chloroaniline	10.91	127	34161	4.645	ng/ul 95
31) Hexachlorobutadiene	11.11	225	20199	3.923	ng/ul 98
32) Caprolactam	11.69	113	7370	3.267	ng/ul 94
33) 4-Chloro-3-methylphenol	12.04	107	24148	3.520	ng/ul 94
34) 2-Methylnaphthalene	12.42	142	68552	4.099	ng/ul 98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	66025	3.997	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	41511	4.177	ng/uL	98
38) Hexachlorocyclopentadiene	12.77	237	12848	2.258	ng/uL	94
39) 2,4,6-Trichlorophenol	13.02	196	20503	3.530	ng/uL	96
40) 2,4,5-Trichlorophenol	13.09	196	23673	3.749	ng/uL	98
41) 1,1'-Biphenyl	13.43	154	90593	4.073	ng/uL	97
42) 2-Chloronaphthalene	13.46	162	73672	4.152	ng/uL	99
43) 2-Nitroaniline	13.65	65	15386	3.678	ng/uL	91
45) Dimethylphthalate	14.04	163	92968	4.135	ng/uL	97
46) 2,6-Dinitrotoluene	14.15	165	15277	3.563	ng/uL#	92
48) Acenaphthylene	14.31	152	109097	4.008	ng/uL	98
49) 3-Nitroaniline	14.48	138	12742	3.155	ng/uL	95
50) Acenaphthene	14.65	153	77375	3.948	ng/uL	98
51) 2,4-Dinitrophenol	14.68	184	5019	2.644	ng/uL#	91
53) 4-Nitrophenol	14.79	109	10229	3.893	ng/uL#	83
54) Dibenzofuran	14.98	168	113173	4.234	ng/uL	100
55) 2,4-Dinitrotoluene	14.94	165	23634	3.871	ng/uL#	96
56) 2,3,4,6-Tetrachlorophenol	15.21	232	21713	3.688	ng/uL#	99
57) Diethylphthalate	15.41	149	88488	3.984	ng/uL	99
59) Fluorene	15.63	166	93234	4.113	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.63	204	46783	3.929	ng/uL	96
61) 4-Nitroaniline	15.64	138	12308	2.733	ng/uL	94
64) 4,6-Dinitro-2-methylphenol	15.70	198	14431	4.141	ng/uL#	69
65) N-Nitrosodiphenylamine	15.84	169	80458	4.233	ng/uL	99
66) 4-Bromophenyl-phenylether	16.52	248	33513	4.125	ng/uL	94
67) Hexachlorobenzene	16.64	284	36936	4.028	ng/uL	98
68) Atrazine	16.79	200	30063	3.956	ng/uL	94
69) Pentachlorophenol	16.98	266	14938	3.056	ng/uL	94
70) Phenanthrene	17.37	178	155530	4.263	ng/uL	97
72) Anthracene	17.46	178	152046	4.183	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	42484	4.328	ng/uL	96
74) Pentachlorobenzene	14.91	250	40998	4.135	ng/uL	95
75) Carbazole	17.73	167	132878	4.555	ng/uL	98
76) Di-n-butylphthalate	18.30	149	144803	4.034	ng/uL	98
77) Fluoranthene	19.38	202	198636	4.964	ng/uL	98
80) Pvrene	19.74	202	201547	4.254	ng/uL	99
81) Butylbenzylphthalate	20.63	149	62950	3.871	ng/uL	95
82) 3,3'-Dichlorobenzidine	21.48	252	56528	3.759	ng/uL#	98
83) Benzo(a)anthracene	21.56	228	206620	4.478	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	91967	3.888	ng/uL	97
85) Chrysene	21.62	228	197535	4.404	ng/uL	96
87) Di-n-octyl phthalate	22.67	149	151288	3.701	ng/uL	100
88) Benzo(b)fluoranthene	23.70	252	205041	3.880	ng/uL	98
89) Benzo(k)fluoranthene	23.77	252	197430	3.805	ng/uL	97
91) Benzo(a)pyrene	24.55	252	201715	4.162	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	28.20	276	219509	3.627	ng/uL	99
93) Dibenzo(a,h)anthracene	28.27	278	182167	3.679	ng/uL	98
94) Benzo(a,h,i)perylene	29.30	276	189872	3.712	ng/uL	96

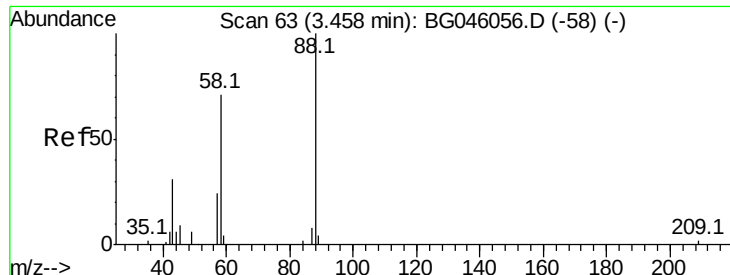
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 1.973 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. 0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

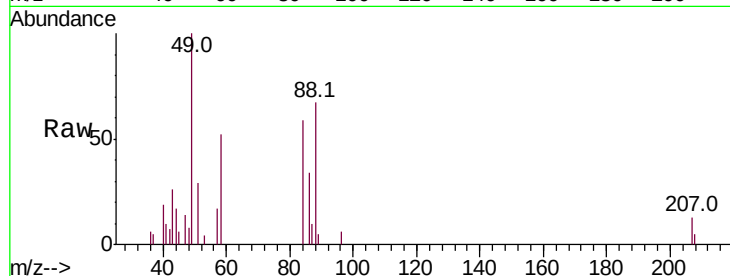
Tot Ion: 88 Resp: 4747

Ion Ratio Lower Upper

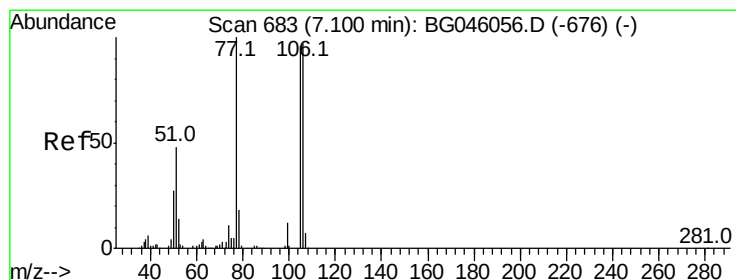
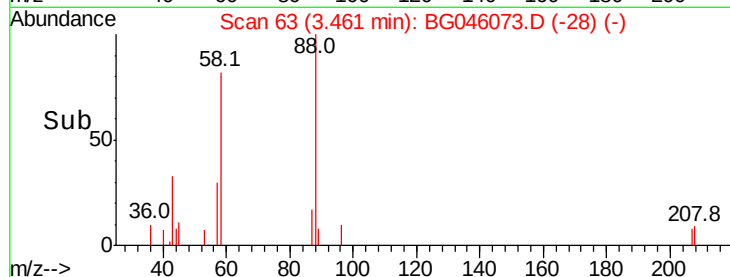
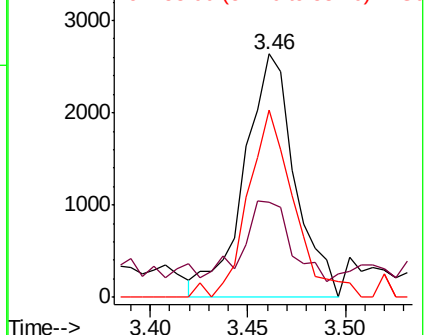
88 100

43 38.9 26.6 39.8

58 76.8 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: 2.468 ng/uL

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

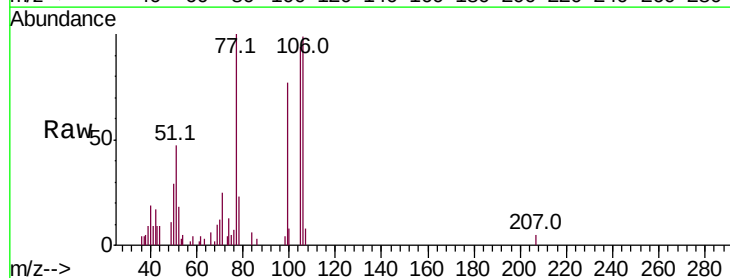
Tgt Ion: 77 Resp: 13397

Ion Ratio Lower Upper

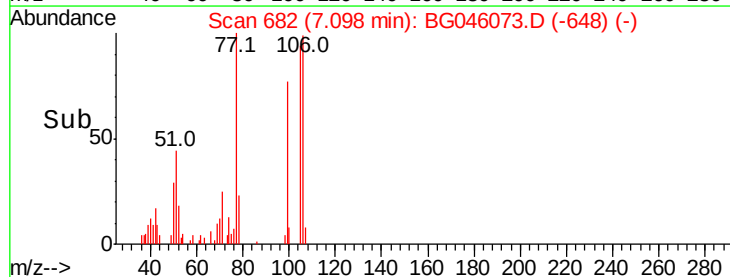
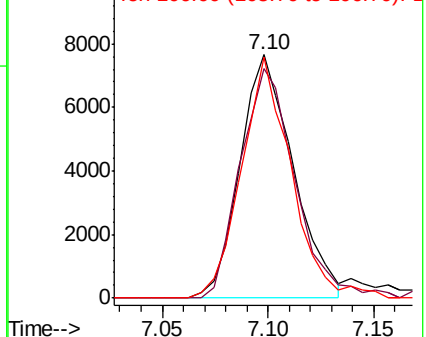
77 100

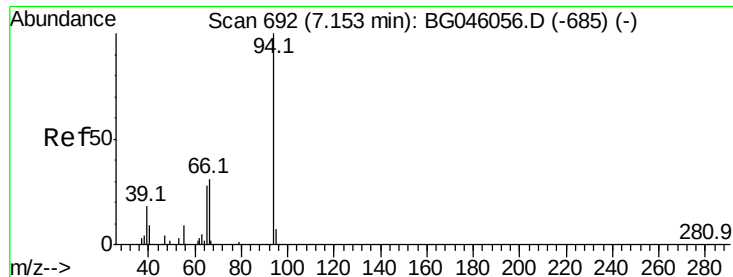
105 94.1 79.4 119.2

106 98.8 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: 3.985 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

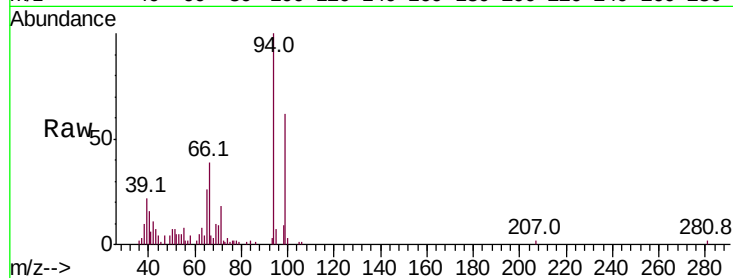
Tot Ion: 94 Resp: 31253

Ion Ratio Lower Upper

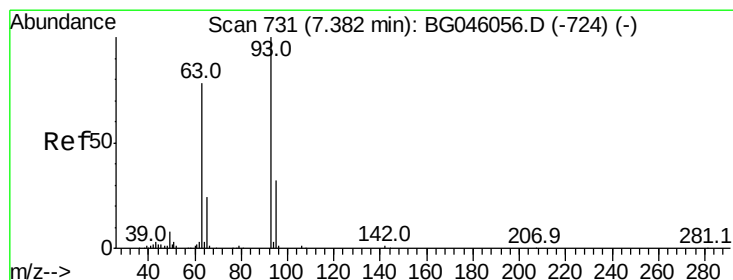
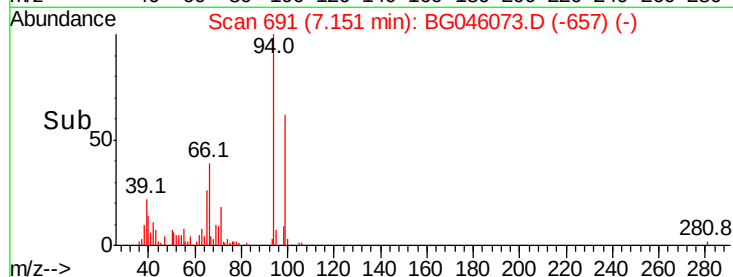
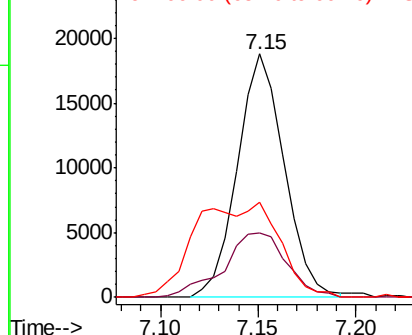
94 100

65 26.5 23.1 34.7

66 39.1 30.3 45.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 4.036 ng/ul

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

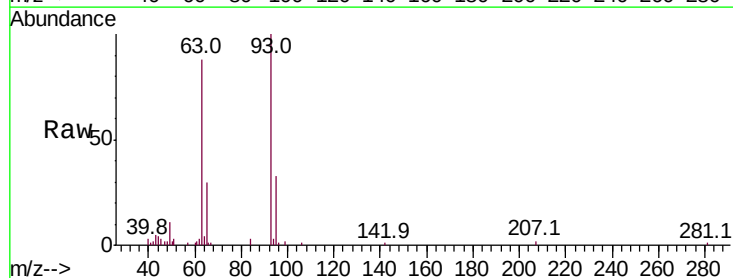
Tgt Ion: 93 Resp: 25906

Ion Ratio Lower Upper

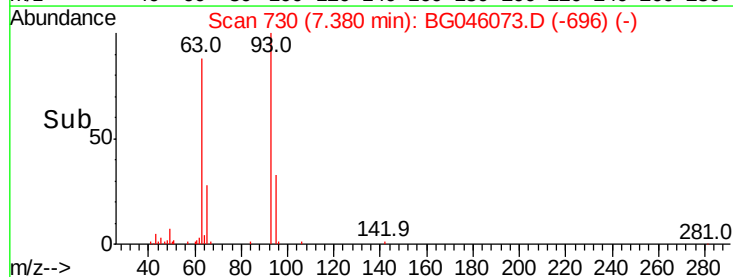
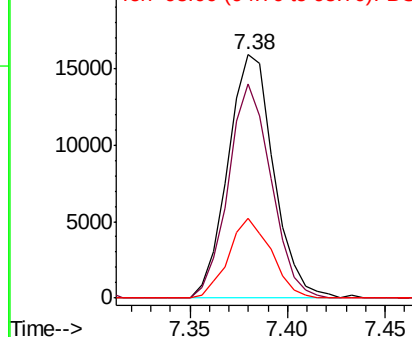
93 100

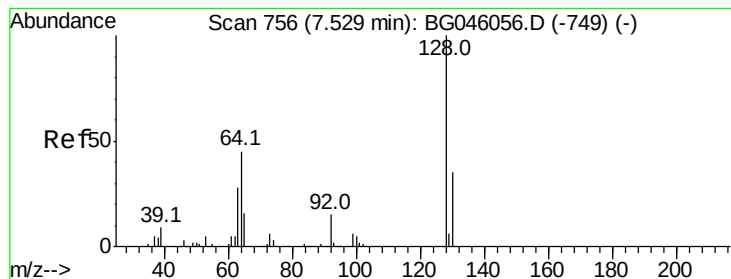
63 88.0 63.4 95.2

95 32.8 26.4 39.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#10

2-Chlorophenol

Concen: 4.109 ng/ul

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

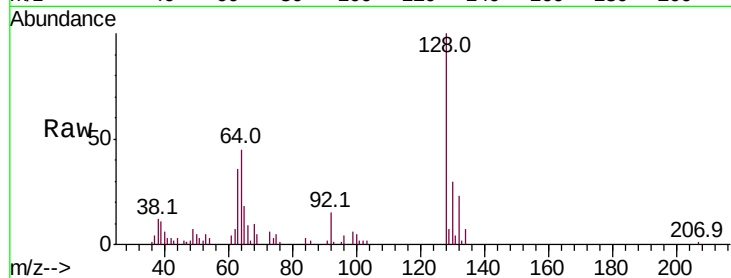
Tot Ion:128 Resp: 25384

Ion Ratio Lower Upper

128 100

64 45.1 39.0 58.6

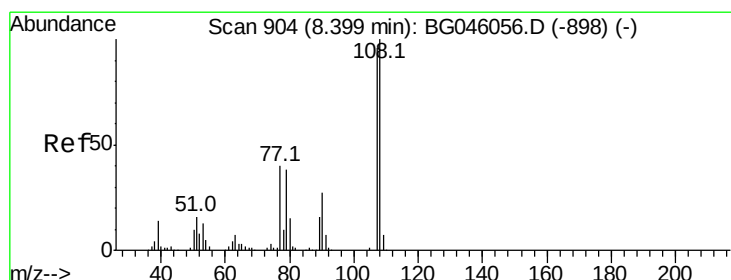
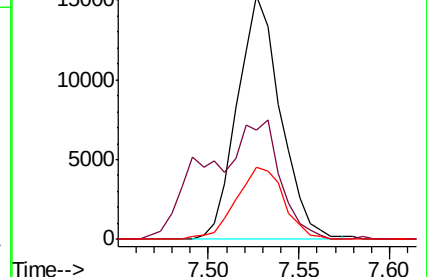
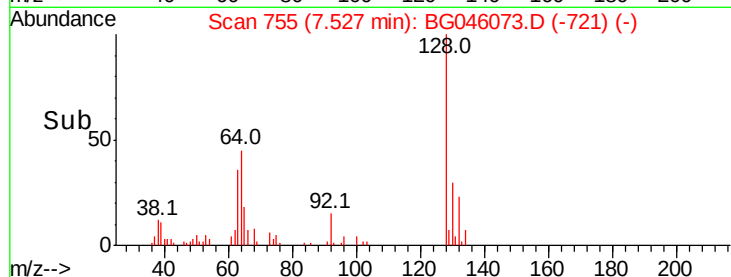
130 29.6 25.0 37.4



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: 3.662 ng/ul

RT: 8.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG046073.D

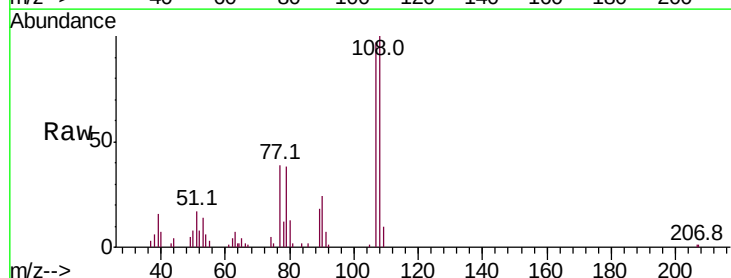
Acq: 24 Jul 2020 21:01

Tgt Ion:108 Resp: 23142

Ion Ratio Lower Upper

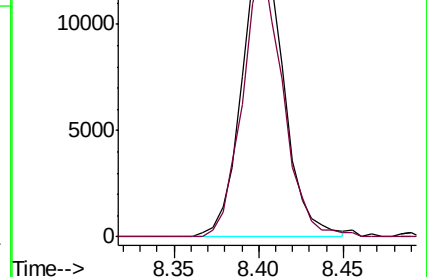
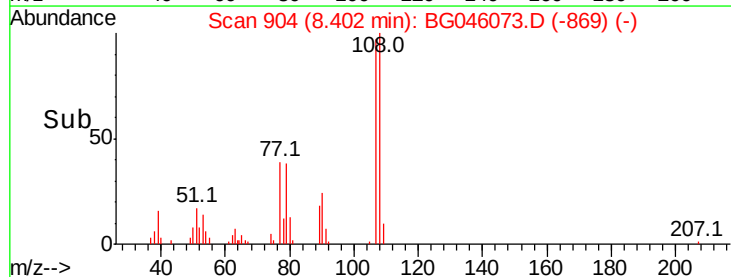
108 100

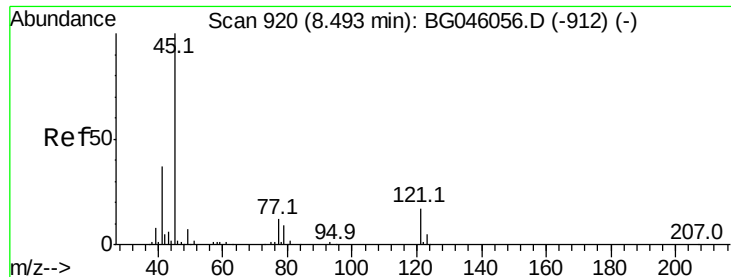
107 97.0 75.0 112.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

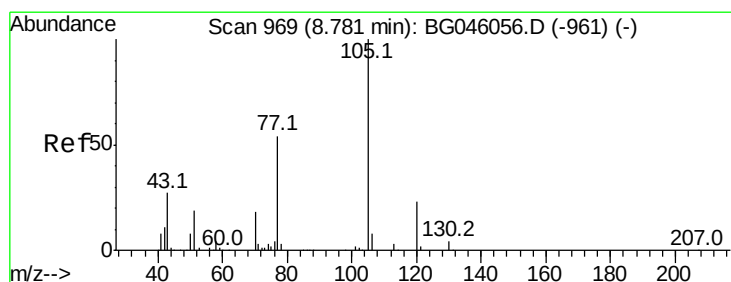
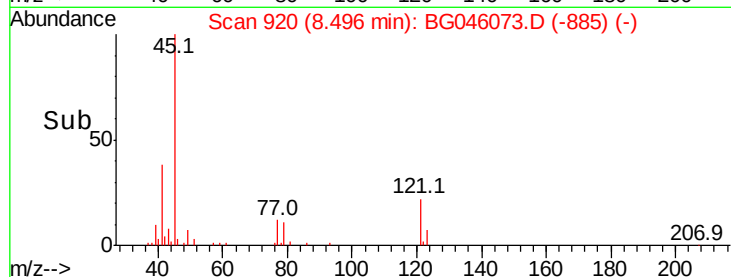
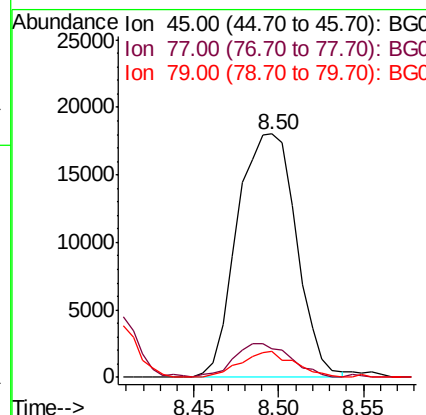
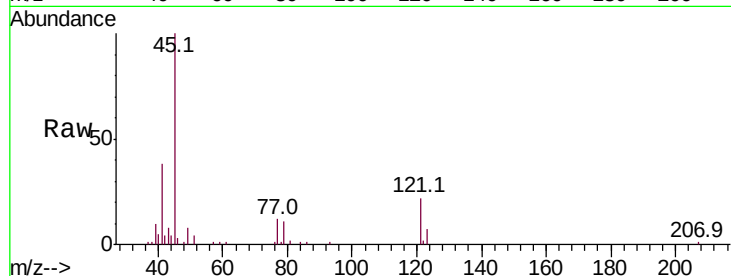




#12
2,2'-oxybis(1-chloropropane)
Concen: 4.019 ng/ul
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

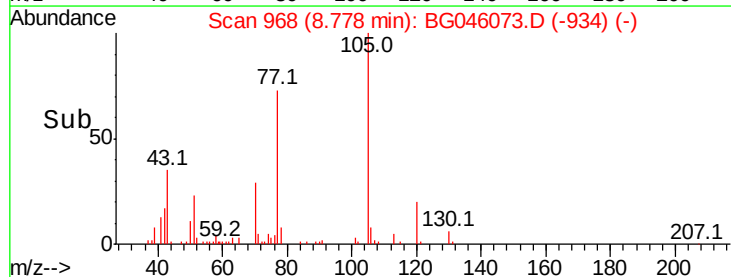
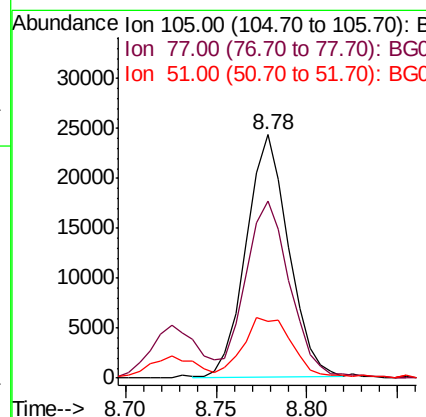
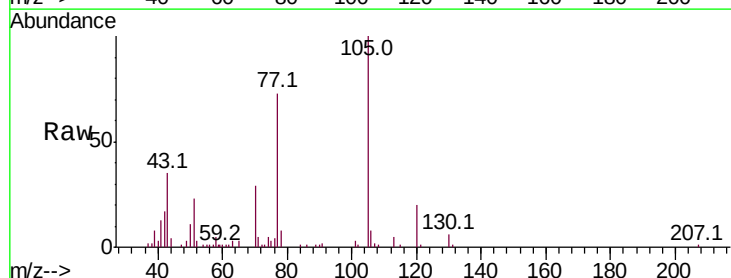
Instrument :
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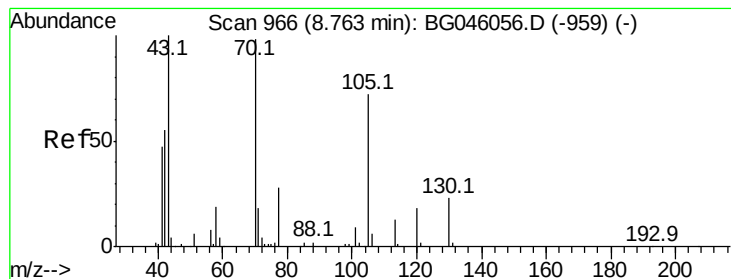
Tot Ion: 45 Resp: 43600
Ion Ratio Lower Upper
45 100
77 11.8 9.2 13.8
79 10.9 7.0 10.6#



#14
Acetophenone
Concen: 4.177 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion: 105 Resp: 39592
Ion Ratio Lower Upper
105 100
77 72.5 62.2 93.2
51 23.2 23.0 34.6





#15

N-Nitroso-di-n-propylamine

Concen: 4.107 ng/ul

RT: 8.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion: 70 Resp: 21061

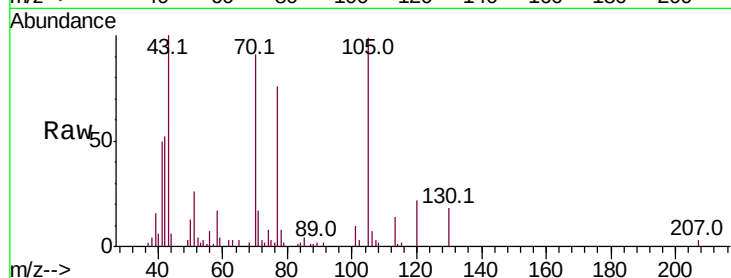
Ion Ratio Lower Upper

70 100

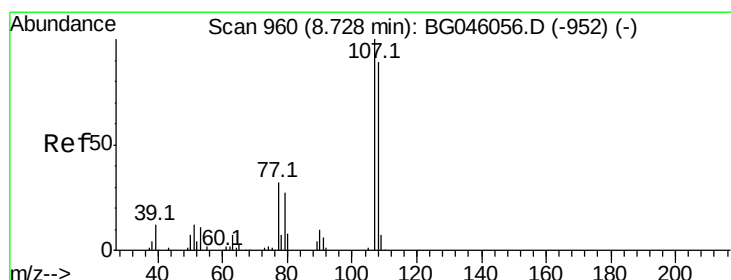
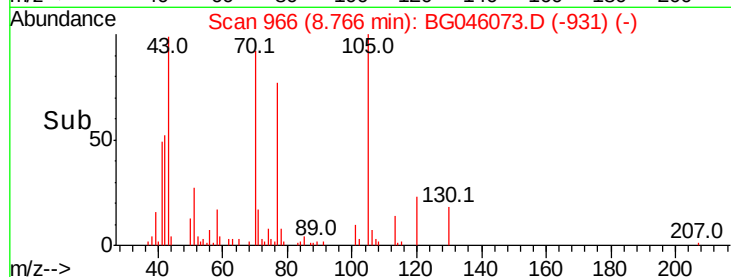
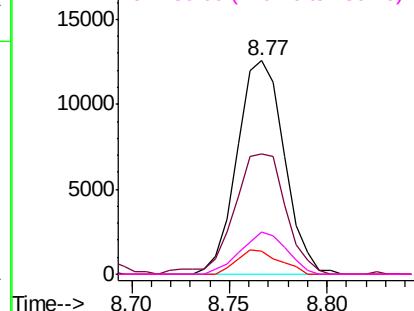
42 56.6 50.0 75.0

101 10.6 8.1 12.1

130 19.7 18.0 27.0



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



#16

4-Methylphenol

Concen: 3.925 ng/ul

RT: 8.73 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG046073.D

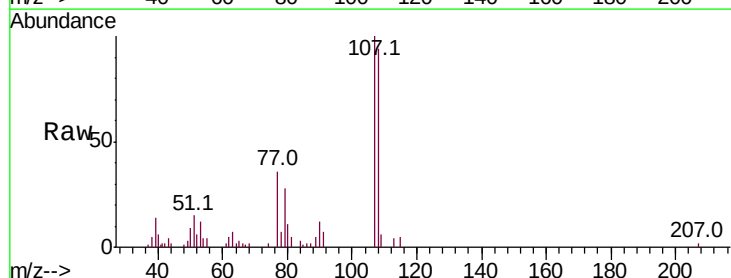
Acq: 24 Jul 2020 21:01

Tgt Ion: 108 Resp: 26572

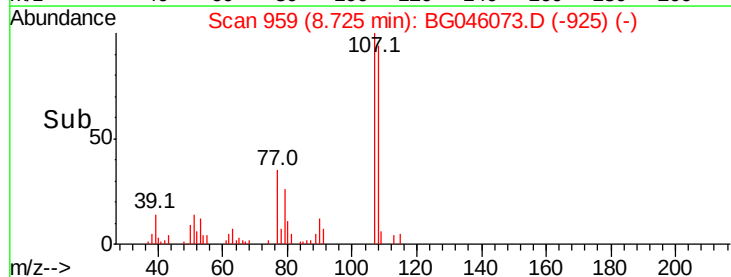
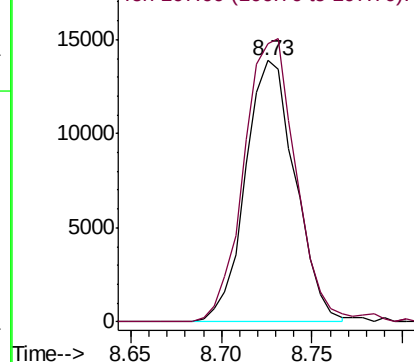
Ion Ratio Lower Upper

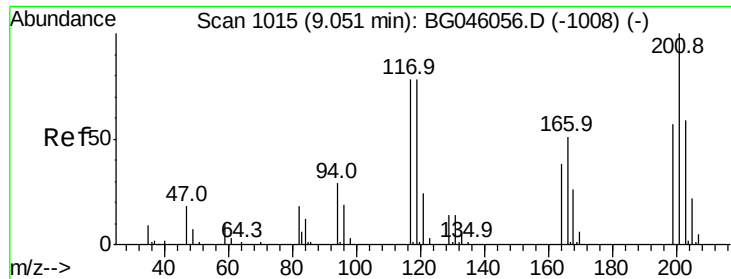
108 100

107 106.6 94.6 141.8



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

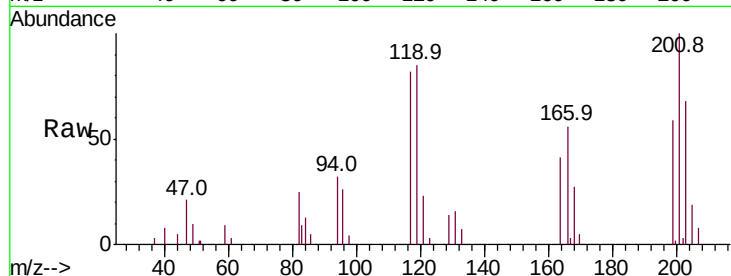




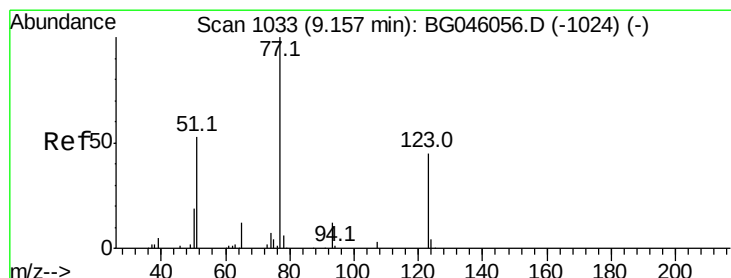
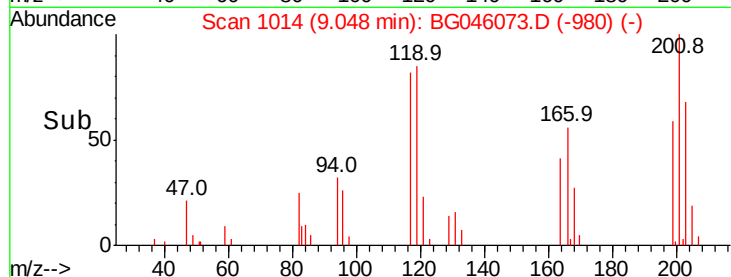
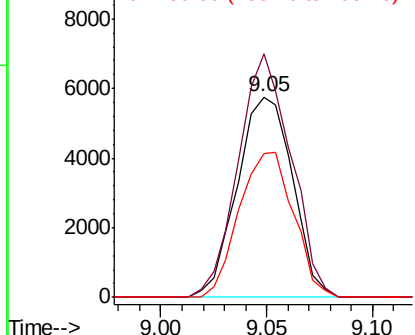
#17
Hexachloroethane
Concen: 3.994 ng/ul
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:117 Resp: 10470
Ion Ratio Lower Upper
117 100
201 121.4 98.2 147.4
199 71.8 61.4 92.2

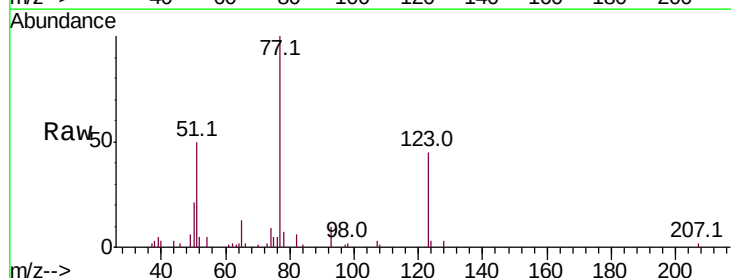


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

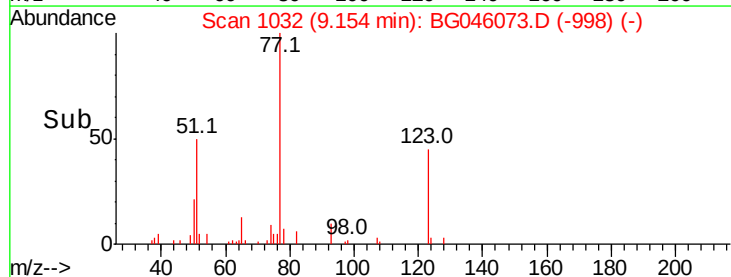
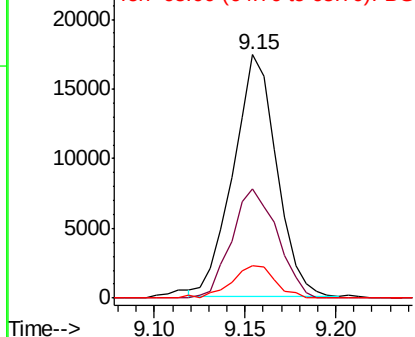


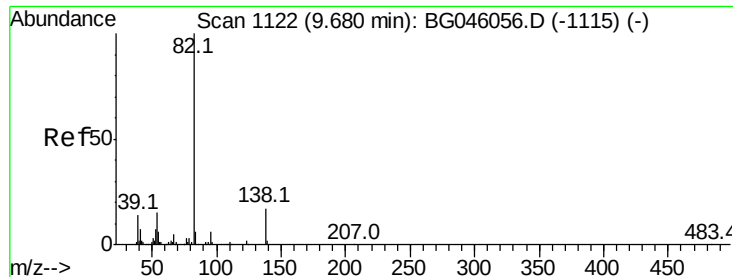
#20
Nitrobenzene
Concen: 3.812 ng/ul
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion: 77 Resp: 28745
Ion Ratio Lower Upper
77 100
123 44.9 36.1 54.1
65 13.1 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: 3.871 ng/ul

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

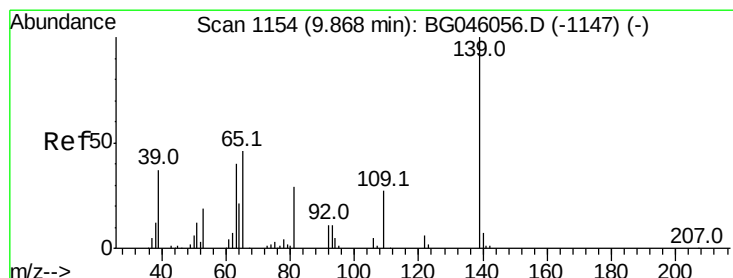
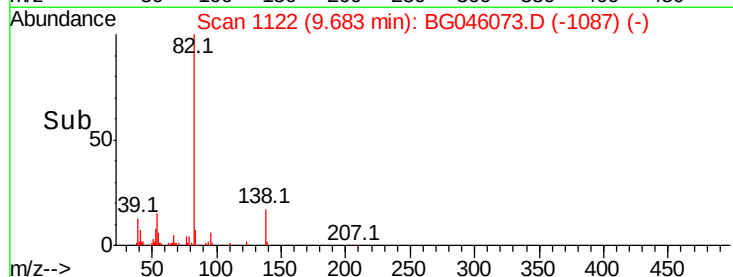
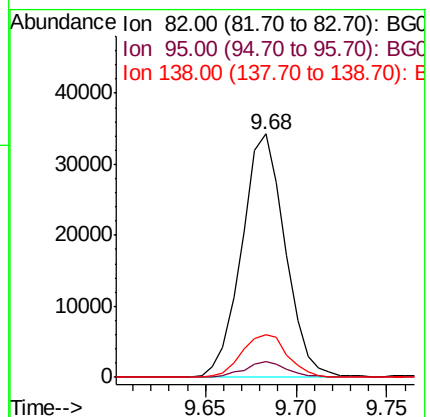
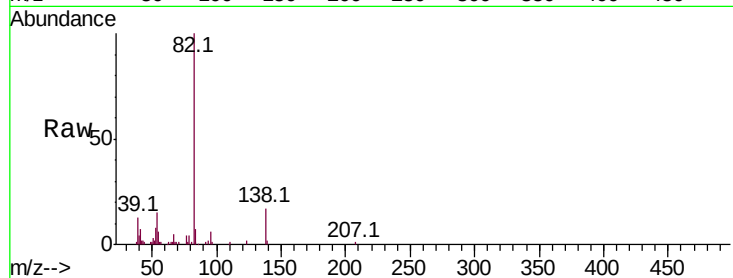
Tot Ion: 82 Resp: 57038

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.8

138 17.5 16.2 24.4



#23

2-Nitrophenol

Concen: 4.255 ng/ul

RT: 9.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

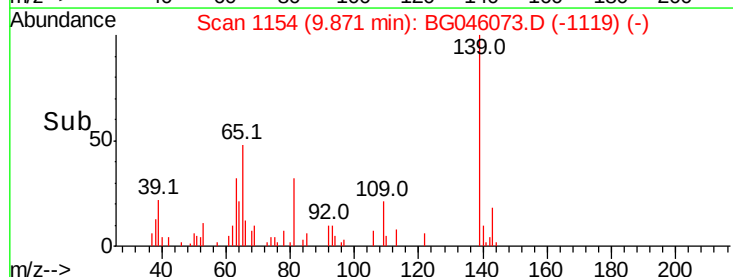
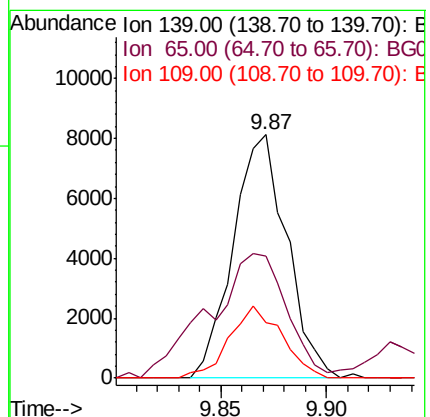
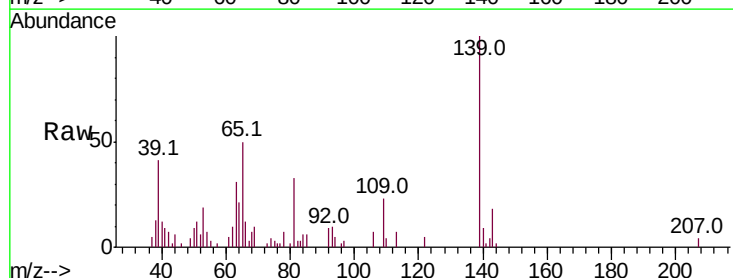
Tgt Ion: 139 Resp: 14290

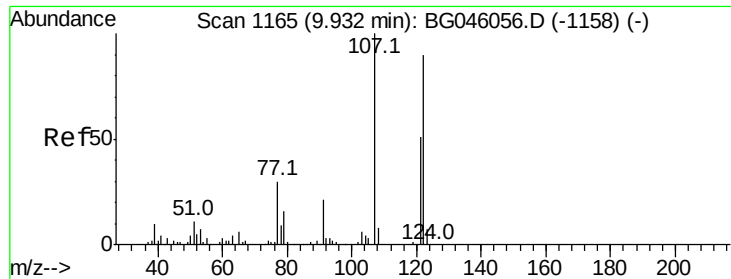
Ion Ratio Lower Upper

139 100

65 50.3 37.2 55.8

109 22.5 22.4 33.6

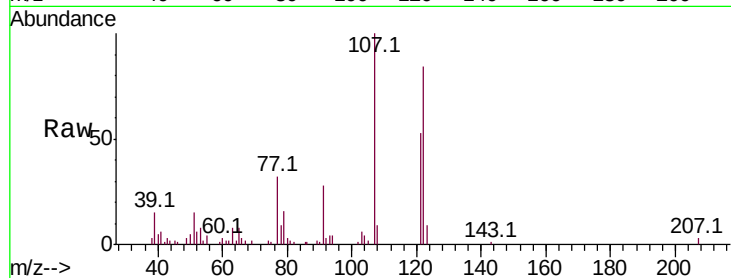




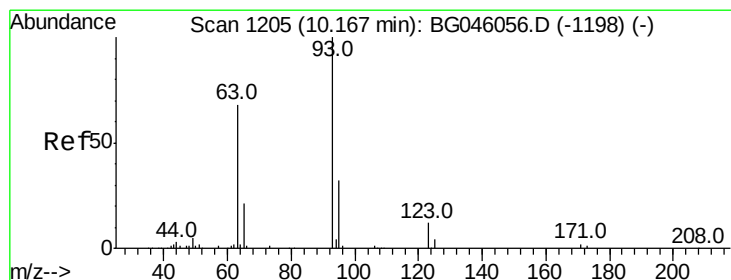
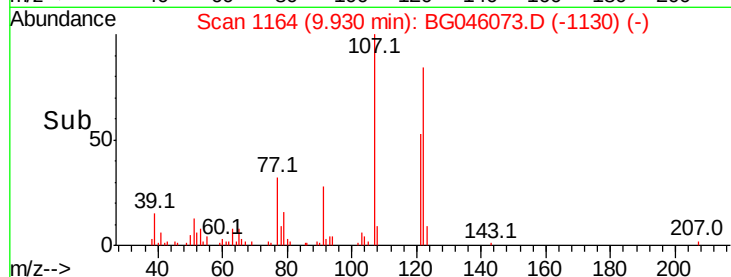
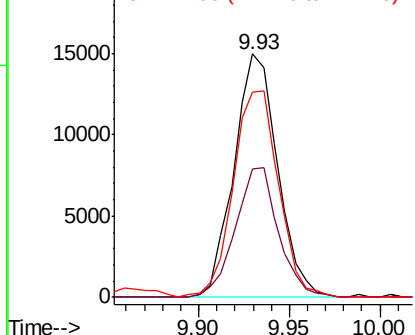
#24
 2,4-Dimethylphenol
 Concen: 3.368 ng/ul
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:107 Resp: 25060
 Ion Ratio Lower Upper
 107 100
 121 53.0 40.4 60.6
 122 84.2 68.2 102.4

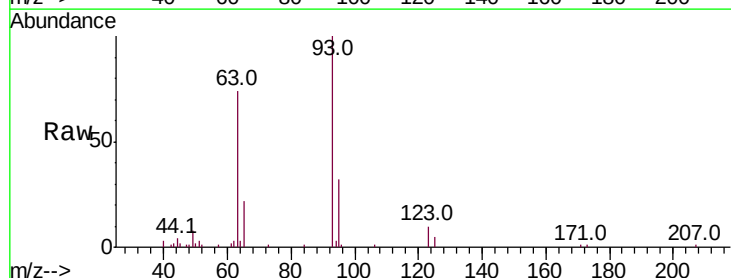


Abundance Ion 107.00 (106.70 to 107.70): E
 20000 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

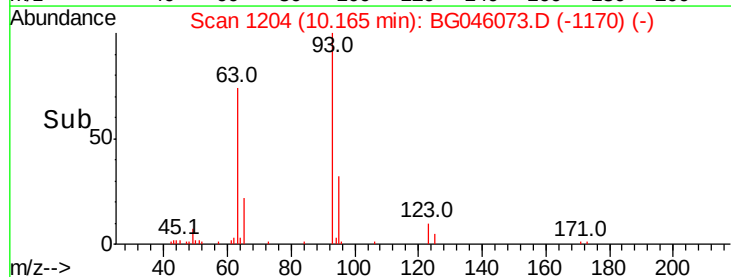
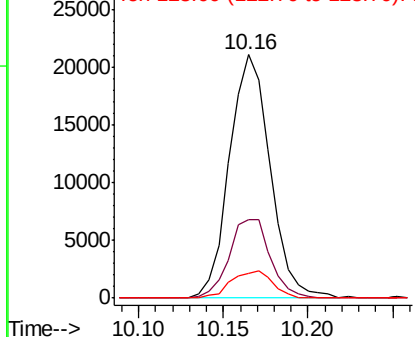


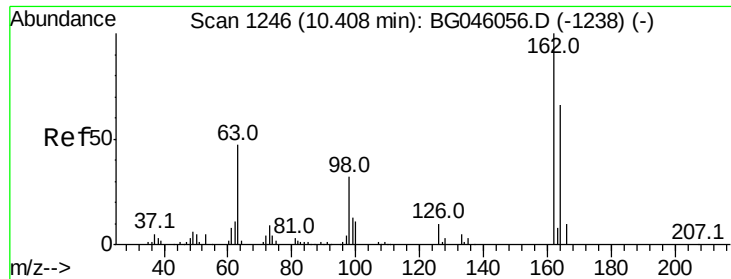
#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.794 ng/ul
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion: 93 Resp: 35367
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.6
 123 10.2 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

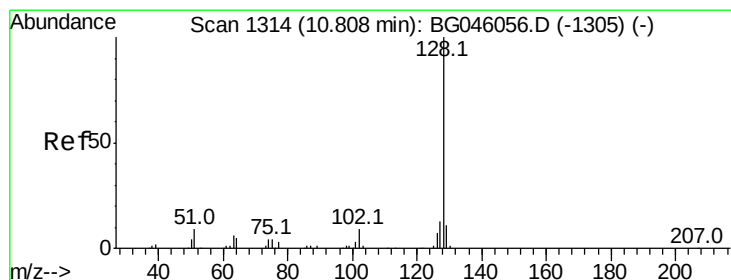
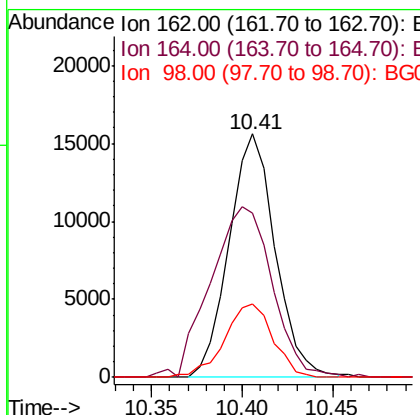
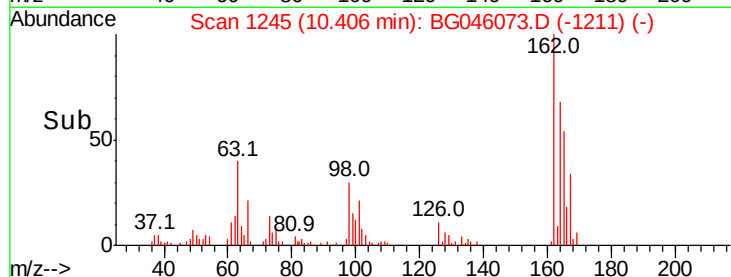
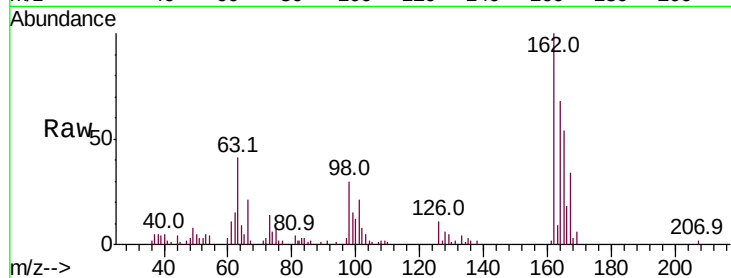




#27
2,4-Dichlorophenol
Concen: 4.137 ng/ul
RT: 10.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

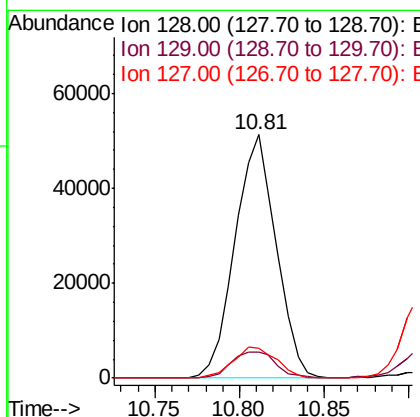
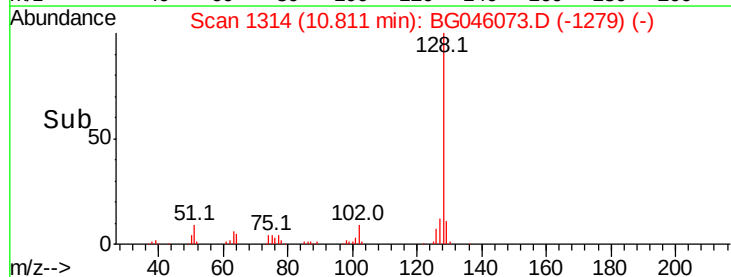
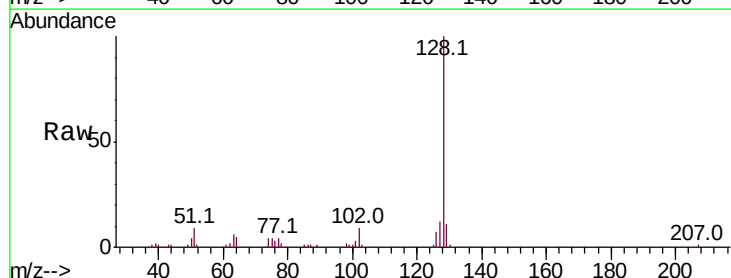
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

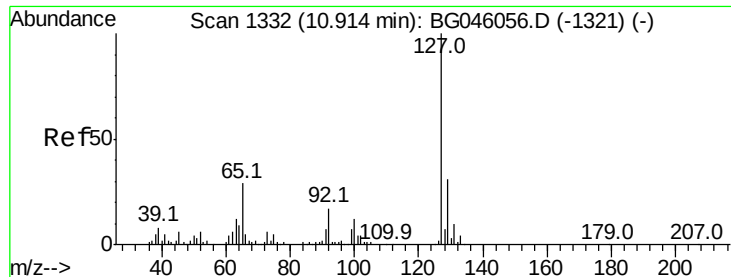
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.7	51.0	76.4
98	30.3	23.8	35.6



#28
Naphthalene
Concen: 3.897 ng/ul
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.1	11.2	16.8

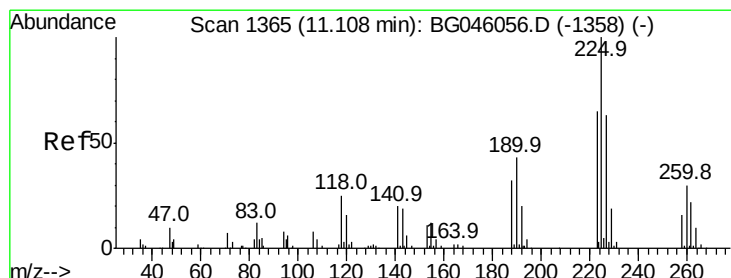
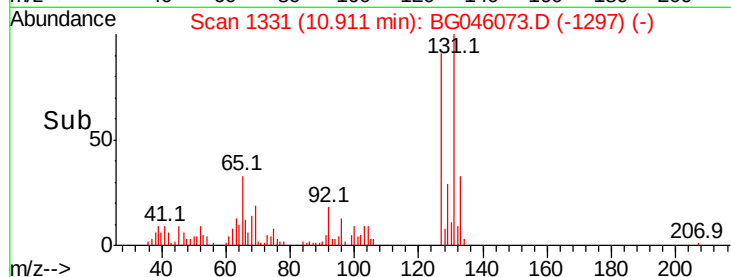
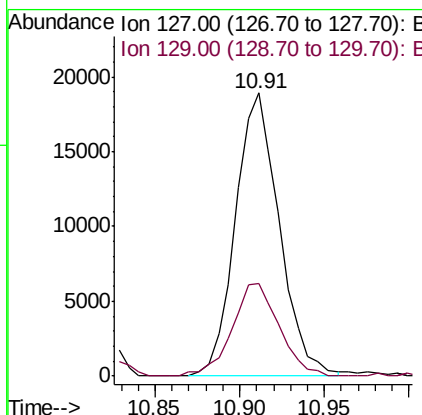
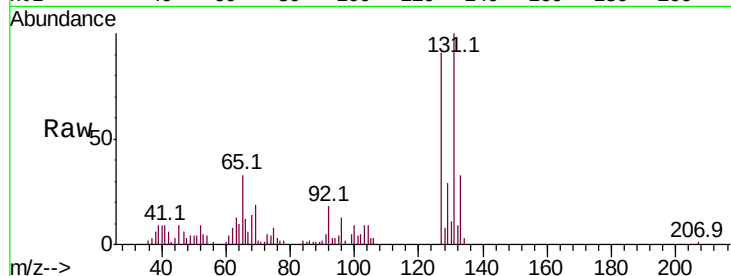




#30
4-Chloroaniline
Concen: 4.645 ng/ul
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

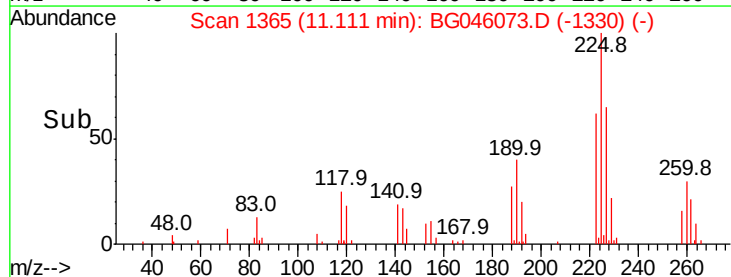
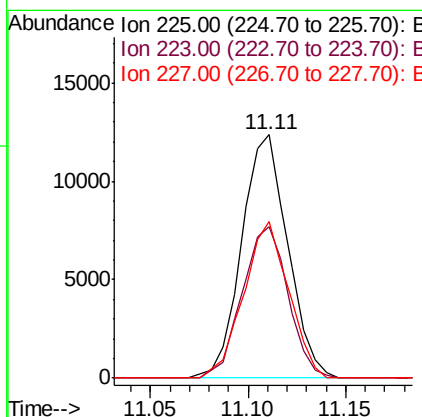
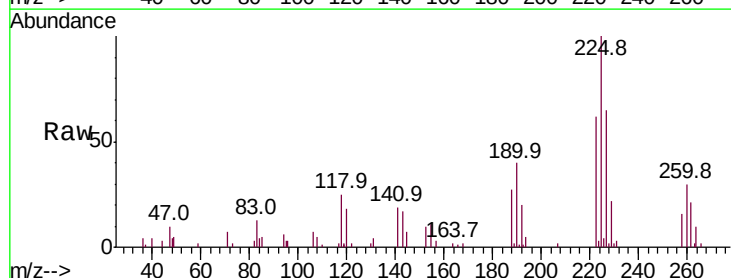
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

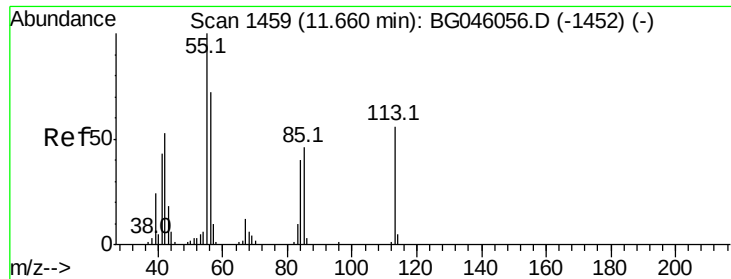
Tot Ion:127 Resp: 34161
Ion Ratio Lower Upper
127 100
129 32.5 28.2 42.4



#31
Hexachlorobutadiene
Concen: 3.923 ng/ul
RT: 11.11 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:225 Resp: 20199
Ion Ratio Lower Upper
225 100
223 62.2 47.7 71.5
227 64.6 50.7 76.1

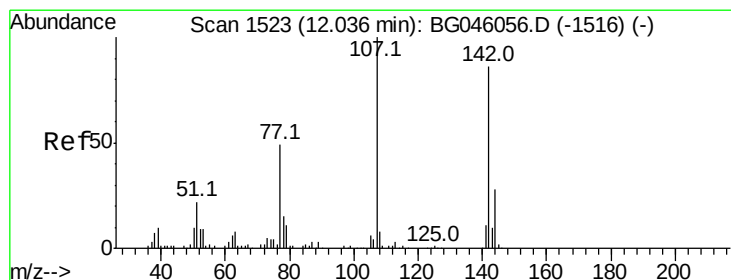
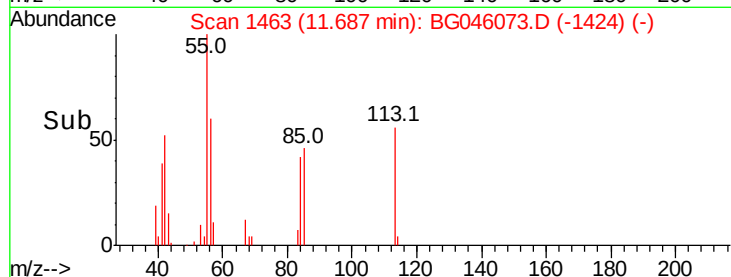
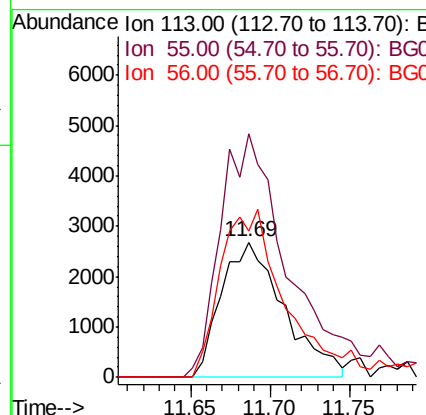
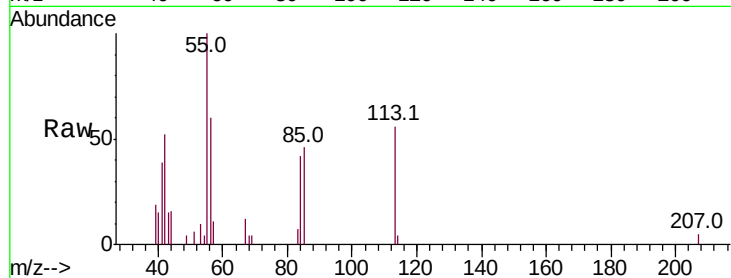




#32
 Caprolactam
 Concen: 3.267 ng/ul
 RT: 11.69 min Scan# 1463
 Delta R.T. 0.03 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

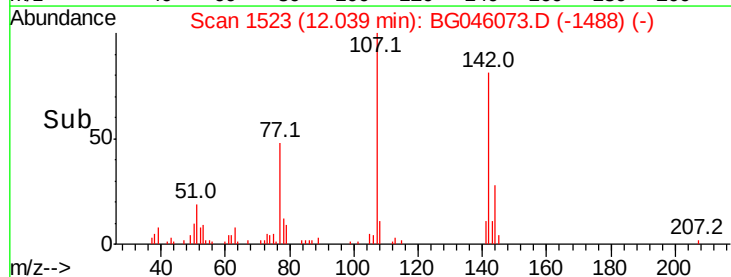
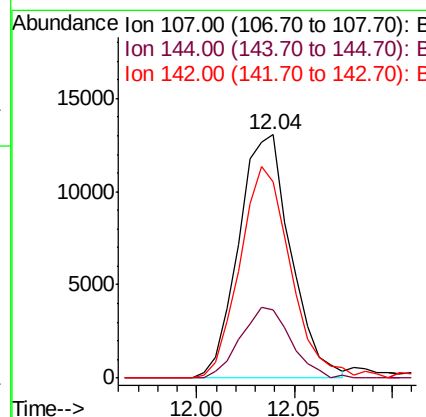
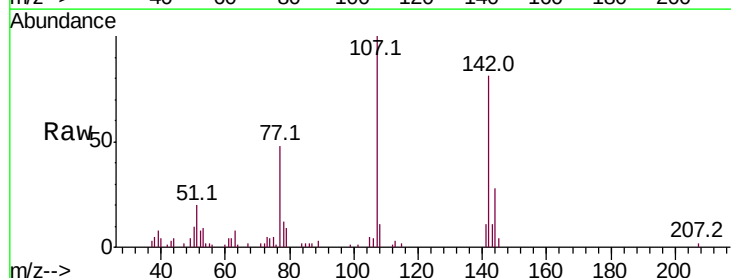
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

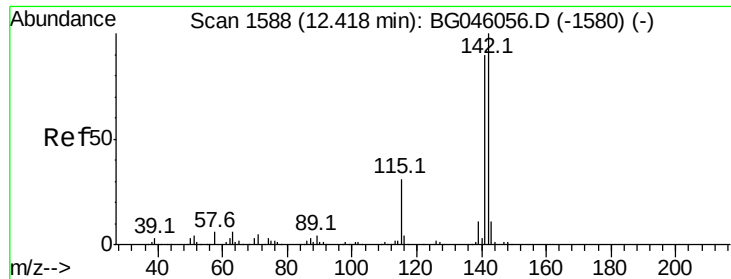
Tot Ion:113 Resp: 7370
 Ion Ratio Lower Upper
 113 100
 55 179.9 143.8 215.6
 56 108.4 99.0 148.4



#33
 4-Chloro-3-methylphenol
 Concen: 3.520 ng/ul
 RT: 12.04 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion:107 Resp: 24148
 Ion Ratio Lower Upper
 107 100
 144 28.0 23.0 34.6
 142 80.6 69.6 104.4

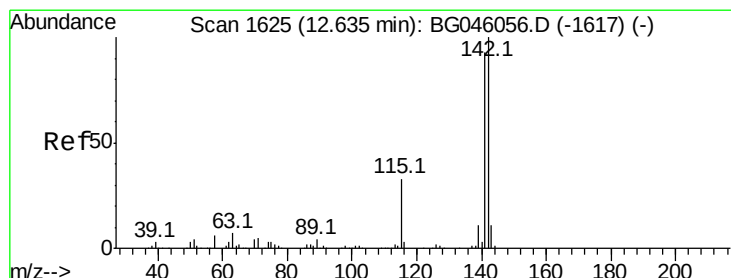
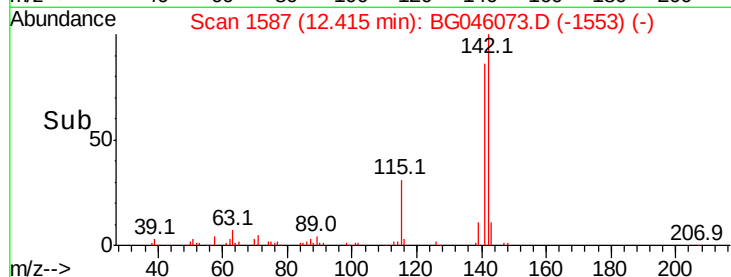
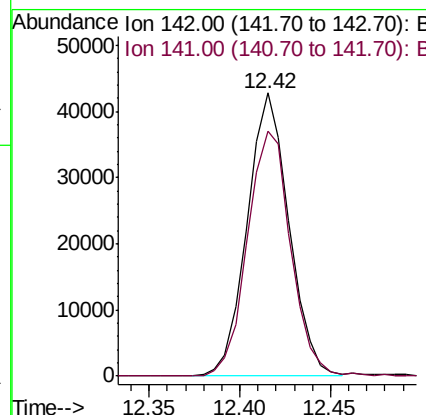
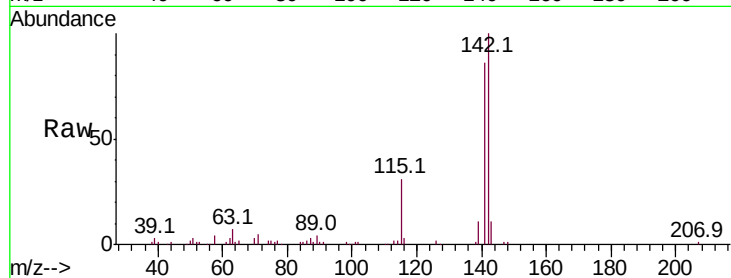




#34
2-Methylnaphthalene
Concen: 4.099 ng/uL
RT: 12.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

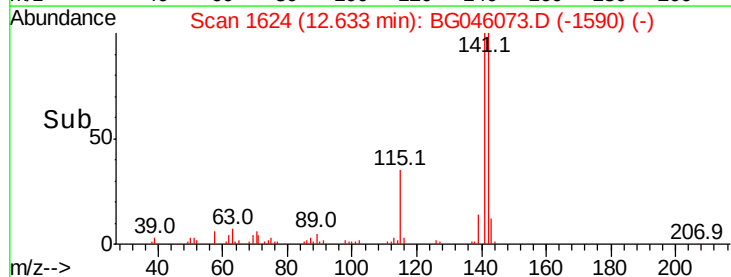
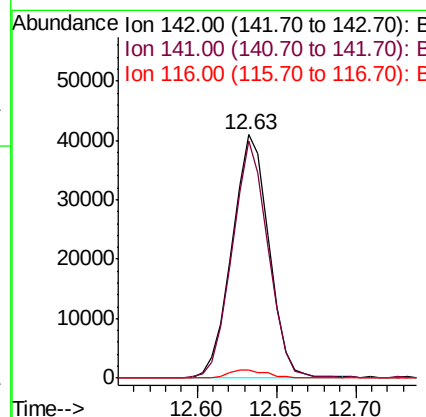
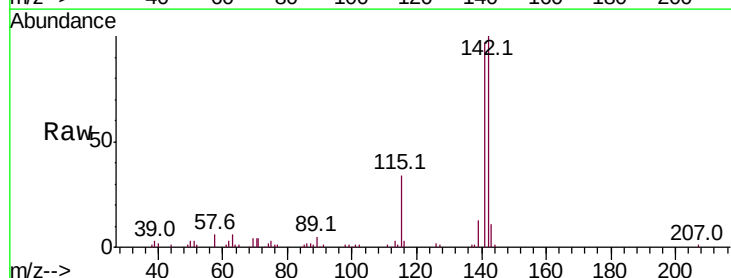
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

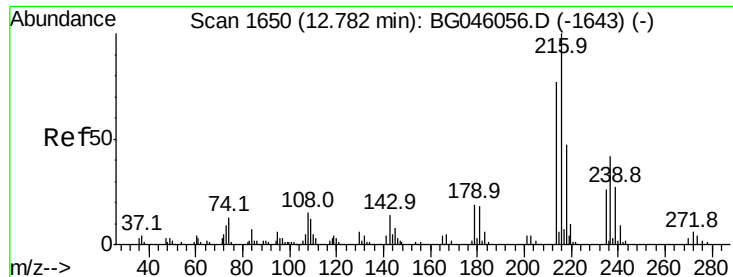
Tot Ion:142 Resp: 68552
Ion Ratio Lower Upper
142 100
141 86.3 70.2 105.4



#35
1-Methylnaphthalene
Concen: 3.997 ng/uL
RT: 12.63 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:142 Resp: 66025
Ion Ratio Lower Upper
142 100
141 94.6 75.2 112.8
116 3.3 2.7 4.1

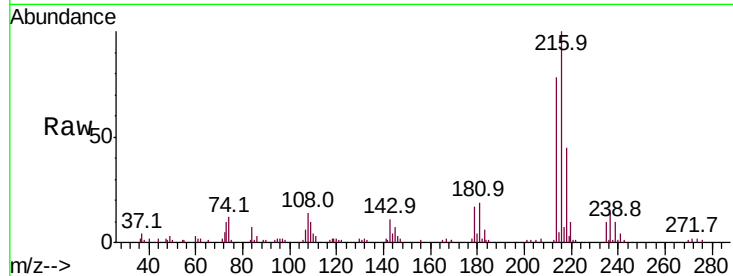




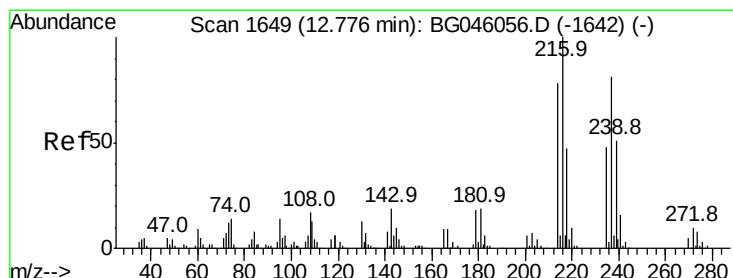
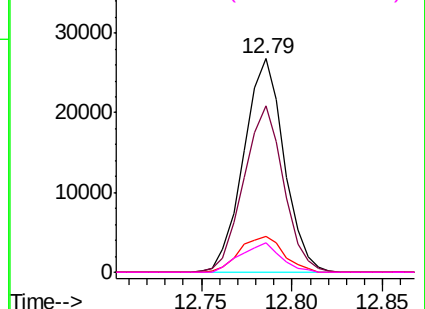
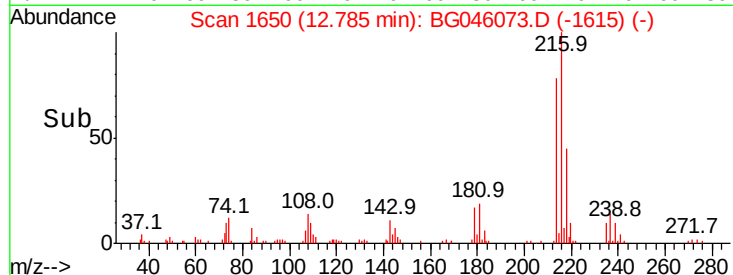
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.177 ng/ul
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:216 Resp: 41511
 Ion Ratio Lower Upper
 216 100
 214 78.1 63.4 95.2
 179 16.8 15.4 23.2
 108 13.6 11.6 17.4

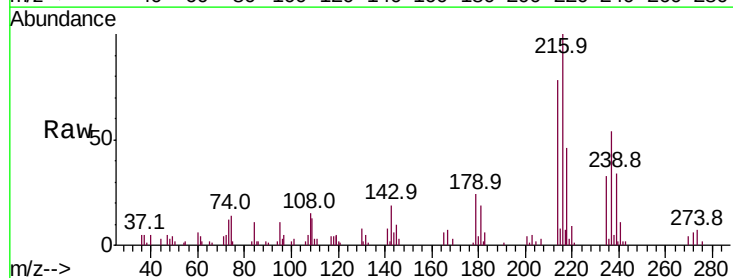


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

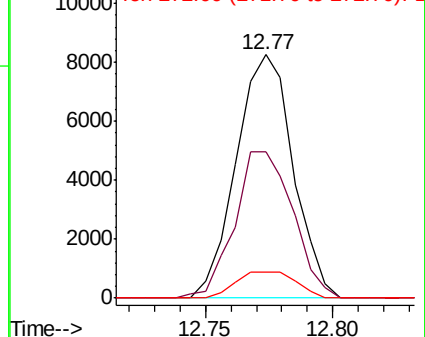
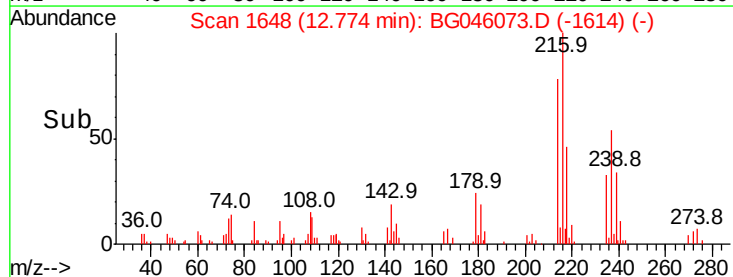


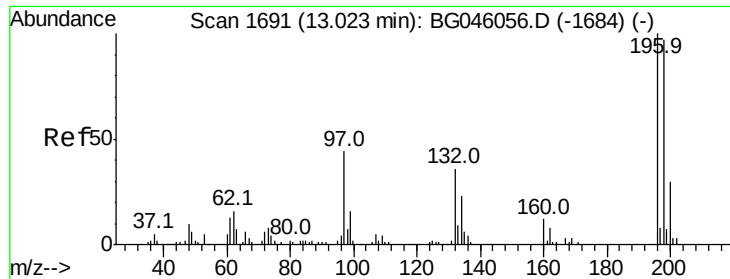
#38
 Hexachlorocyclopentadiene
 Concen: 2.258 ng/ul
 RT: 12.77 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion:237 Resp: 12848
 Ion Ratio Lower Upper
 237 100
 235 60.3 52.0 78.0
 272 10.8 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

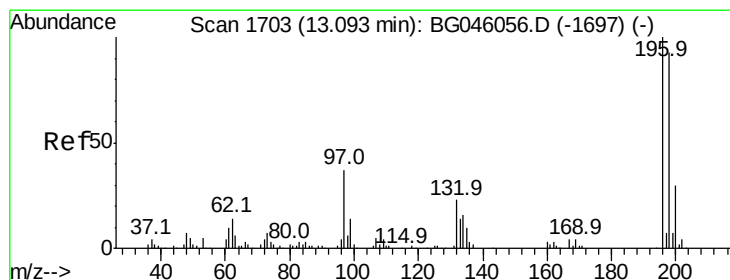
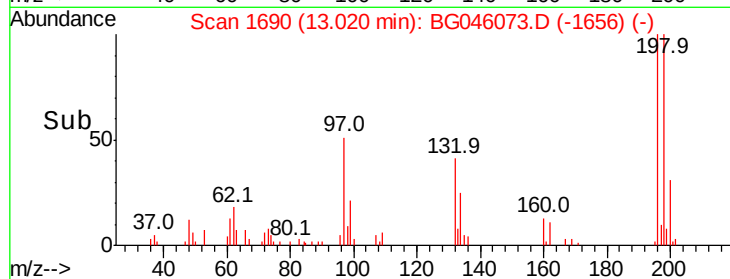
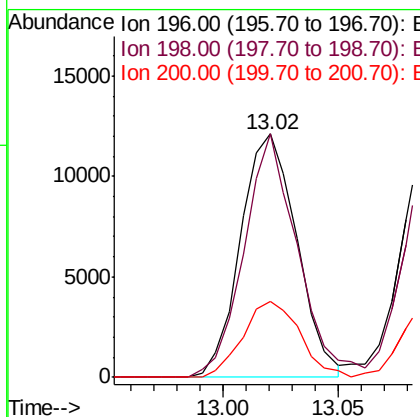
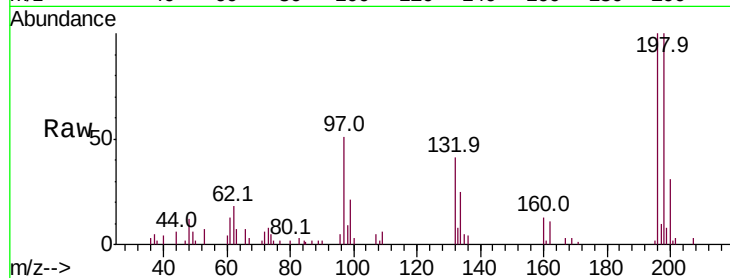




#39
 2,4,6-Trichlorophenol
 Concen: 3.530 ng/ul
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

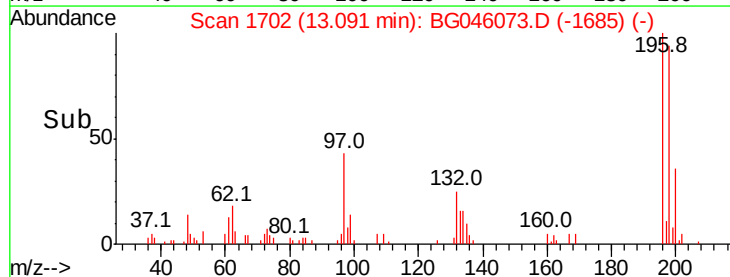
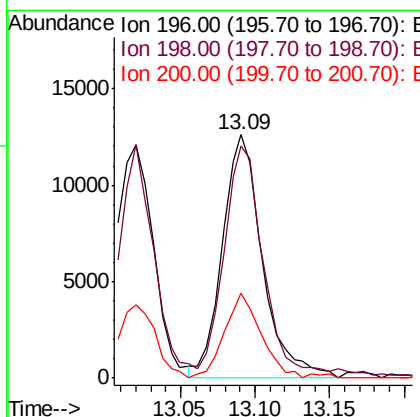
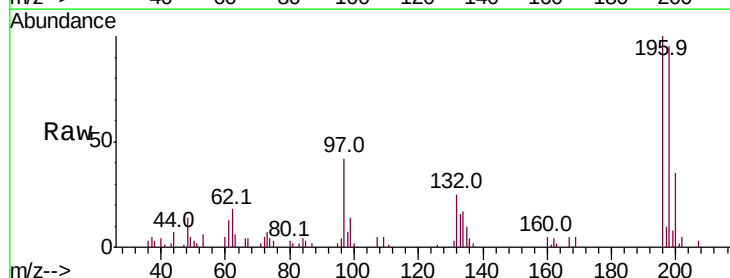
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

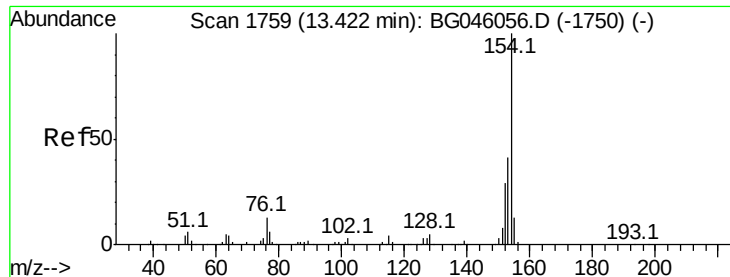
Tot Ion:196 Resp: 20503
 Ion Ratio Lower Upper
 196 100
 198 99.9 75.8 113.6
 200 31.2 25.4 38.0



#40
 2,4,5-Trichlorophenol
 Concen: 3.749 ng/ul
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion:196 Resp: 23673
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.2 112.8
 200 35.1 25.8 38.6

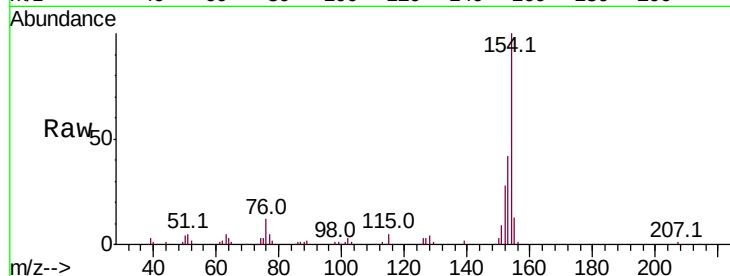




#41
 1,1'-Biphenyl
 Concen: 4.073 ng/ul
 RT: 13.43 min Scan# 1759
 Delta R.T. 0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	31.9	47.9
76	12.3	9.3	13.9

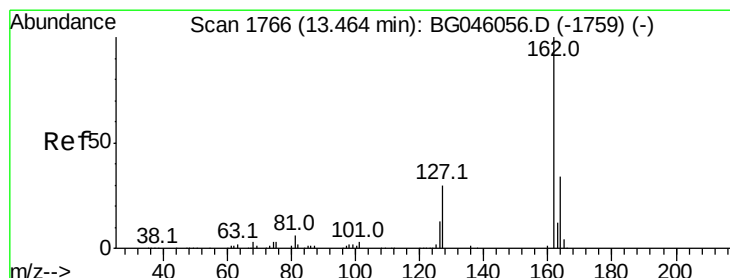
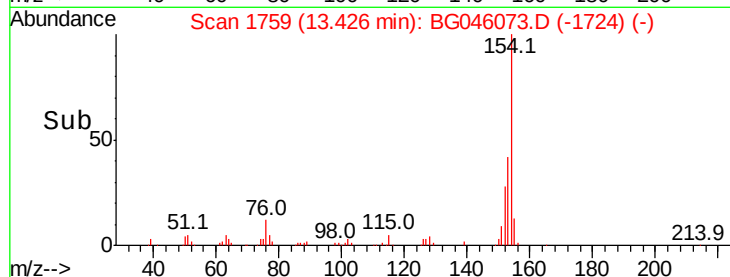
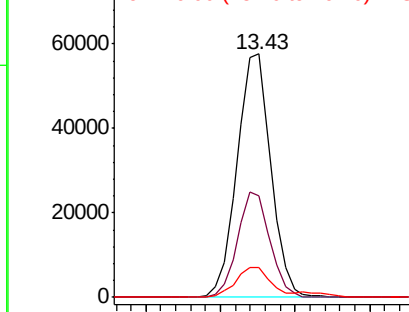


Abundance

Ion 154.00 (153.70 to 154.70): E

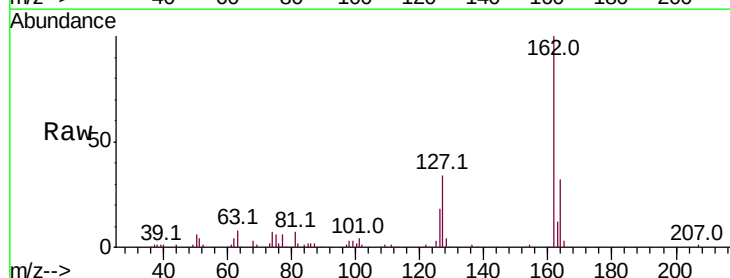
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#42
 2-Chloronaphthalene
 Concen: 4.152 ng/ul
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.3	26.2	39.2
127	34.5	27.3	40.9

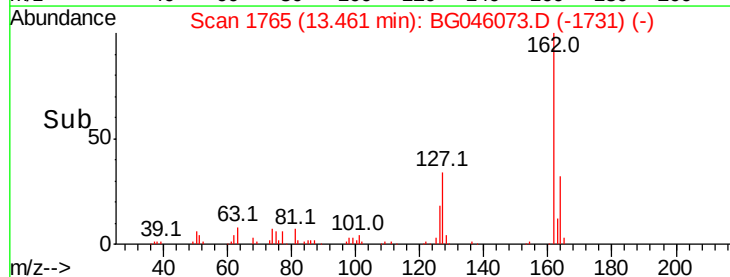
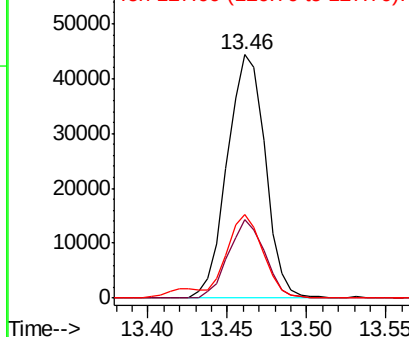


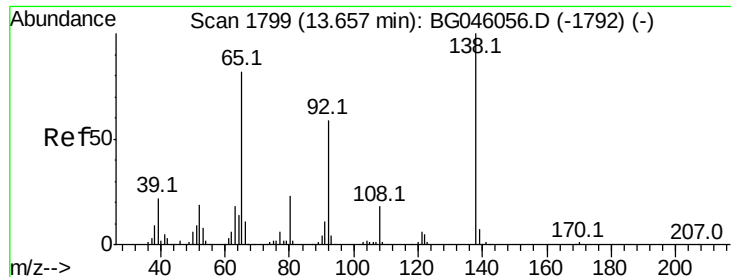
Abundance

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

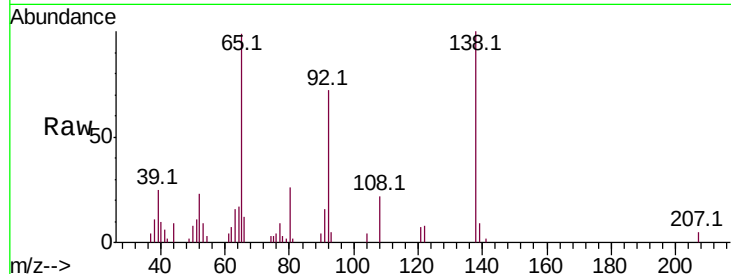




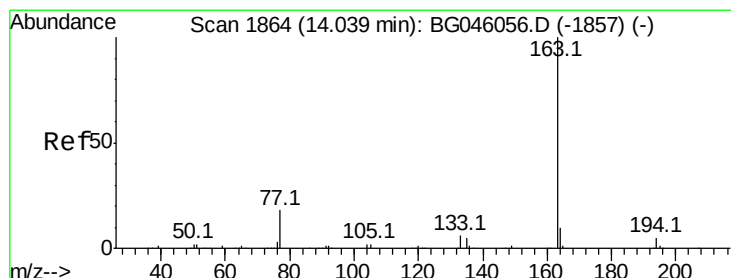
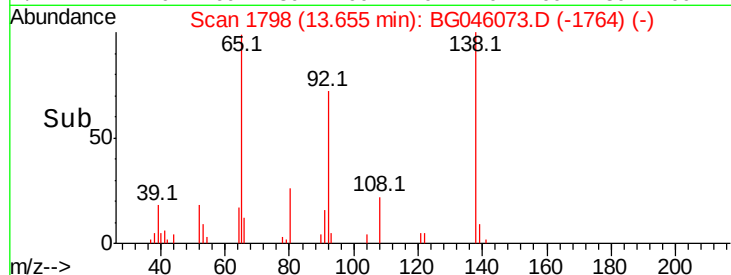
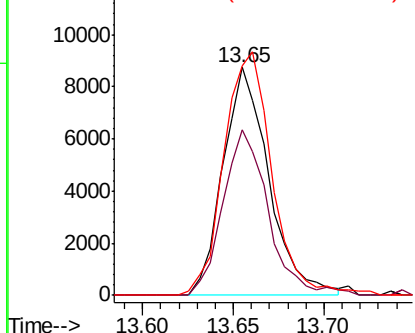
#43
2-Nitroaniline
Concen: 3.678 ng/ul
RT: 13.65 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion: 65 Resp: 15386
Ion Ratio Lower Upper
65 100
92 72.9 58.0 87.0
138 100.7 92.9 139.3

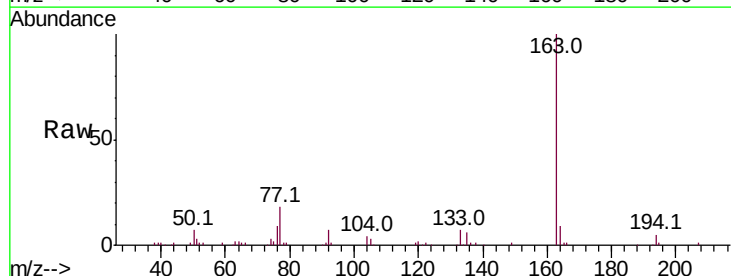


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

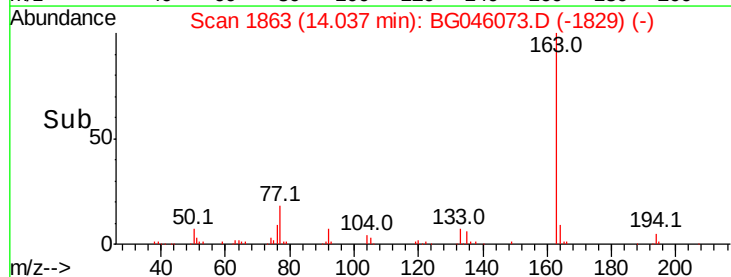
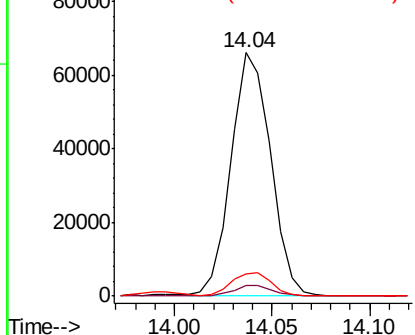


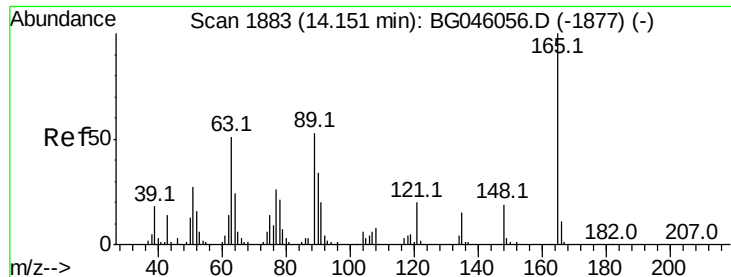
#45
Dimethylphthalate
Concen: 4.135 ng/ul
RT: 14.04 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:163 Resp: 92968
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 9.3 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

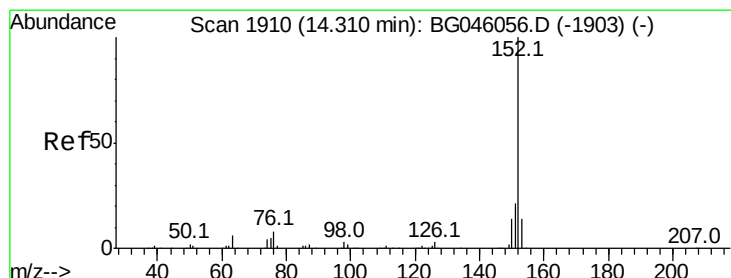
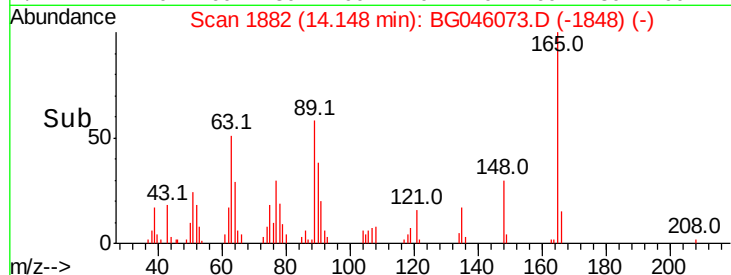
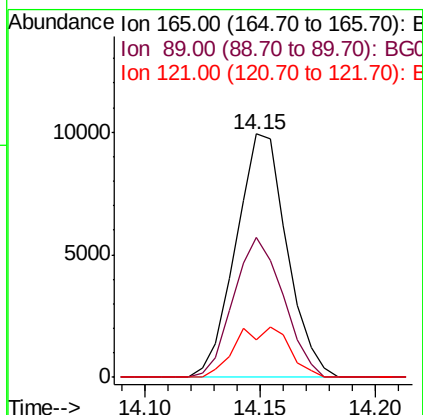
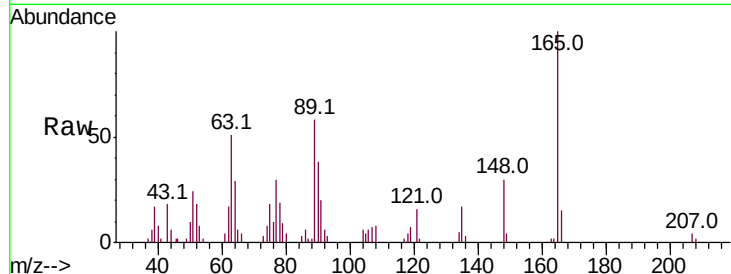




#46
 2,6-Dinitrotoluene
 Concen: 3.563 ng/ul
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

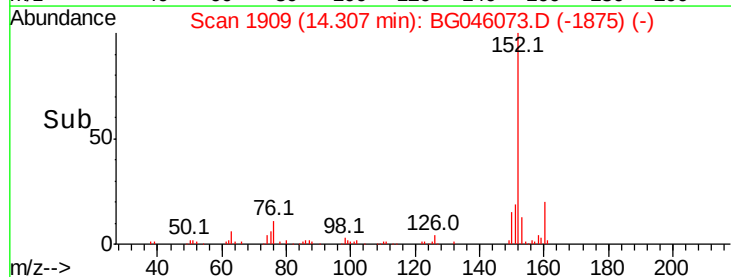
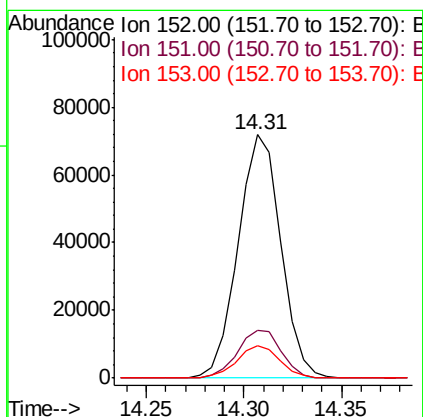
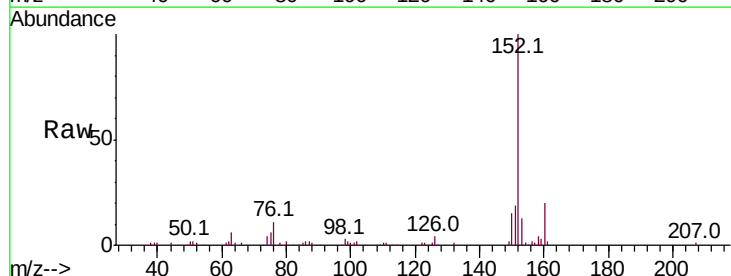
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

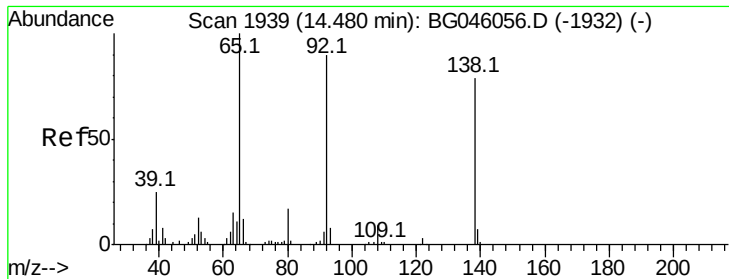
Tot Ion:165 Resp: 15277
 Ion Ratio Lower Upper
 165 100
 89 57.7 42.2 63.4
 121 15.6 16.0 24.0#



#48
 Acenaphthylene
 Concen: 4.008 ng/ul
 RT: 14.31 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion:152 Resp: 109097
 Ion Ratio Lower Upper
 152 100
 151 19.4 16.5 24.7
 153 13.1 11.0 16.6





#49

3-Nitroaniline

Concen: 3.155 ng/ul

RT: 14.48 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

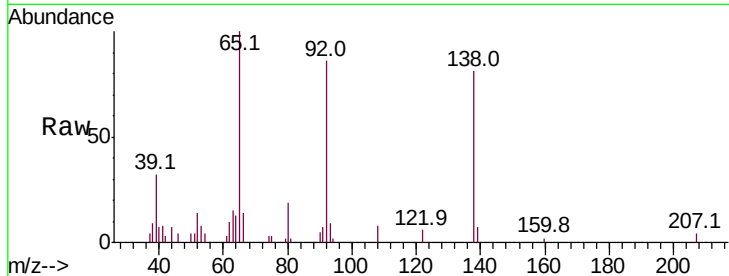
Tot Ion:138 Resp: 12742

Ion Ratio Lower Upper

138 100

108 10.3 7.9 11.9

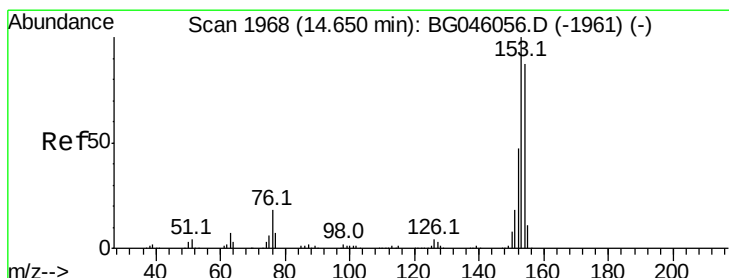
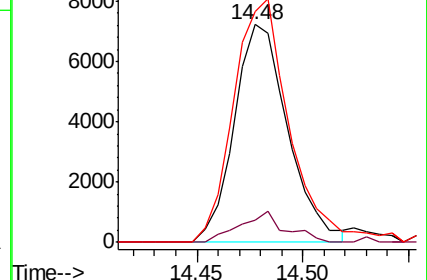
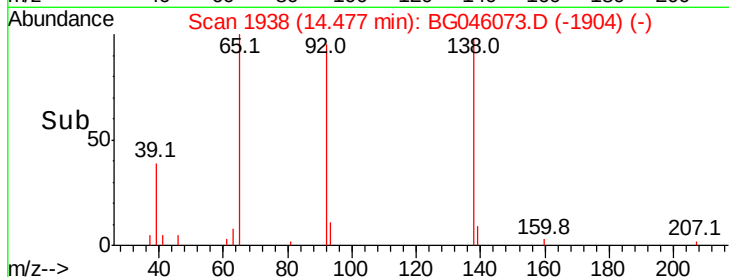
92 106.2 89.9 134.9



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: 3.948 ng/ul

RT: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

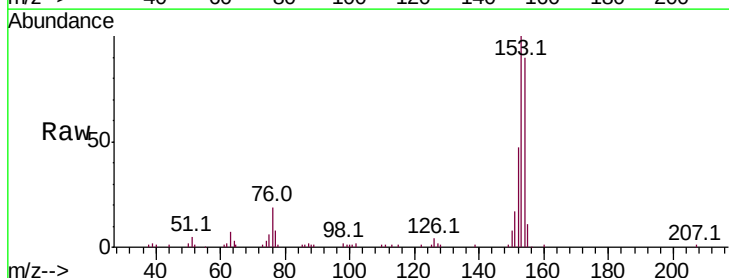
Tgt Ion:153 Resp: 77375

Ion Ratio Lower Upper

153 100

152 46.8 39.0 58.4

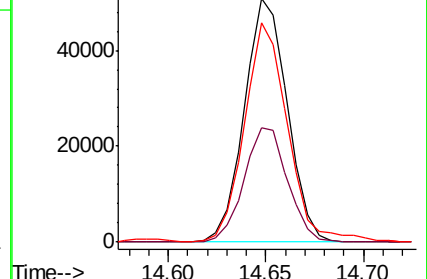
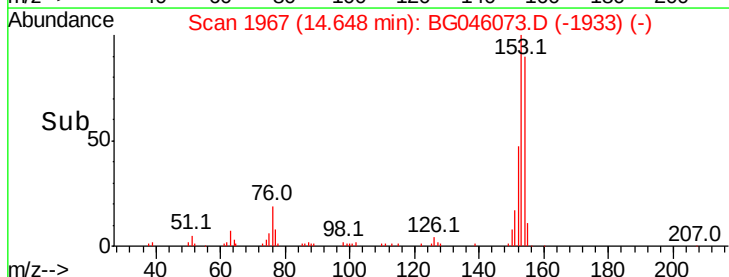
154 90.2 70.7 106.1

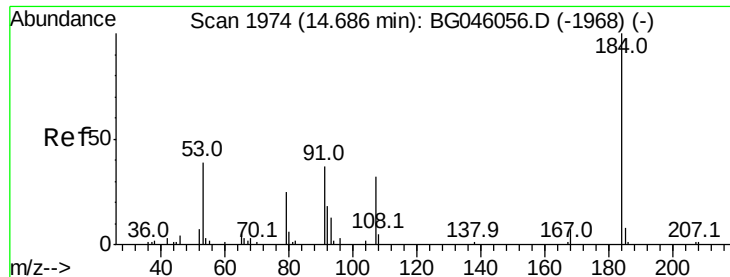


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

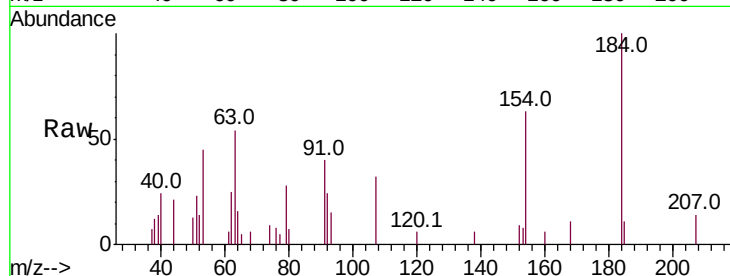




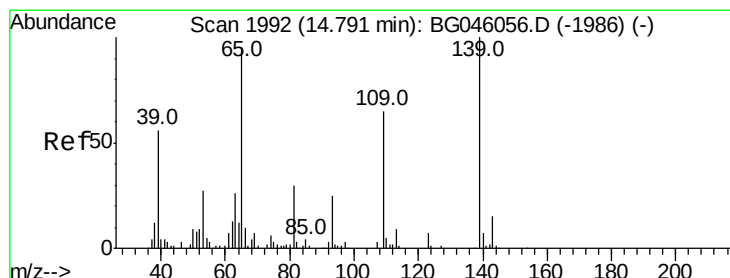
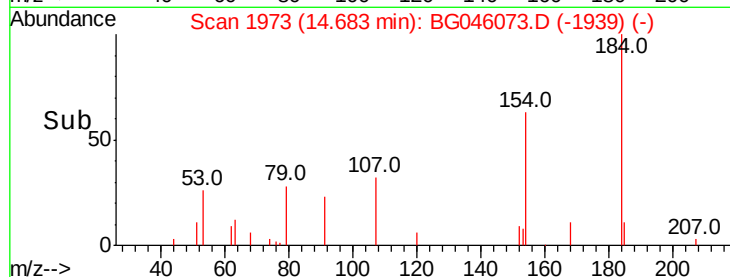
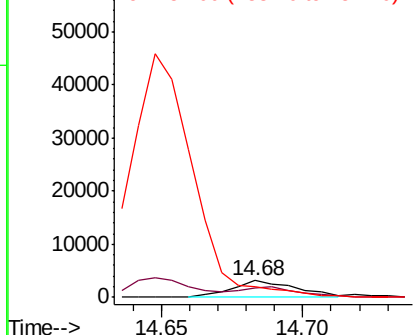
#51
2,4-Dinitrophenol
Concen: 2.644 ng/ul
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:184 Resp: 5019
Ion Ratio Lower Upper
184 100
63 54.2 35.7 53.5#
154 63.2 47.5 71.3

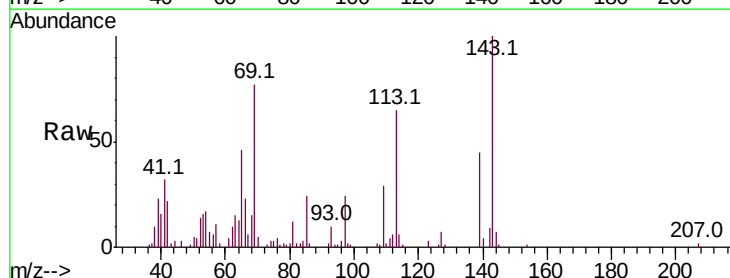


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

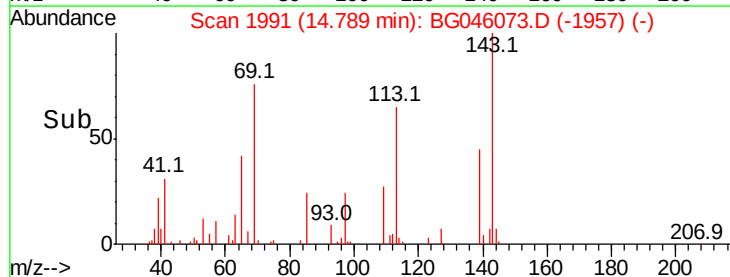
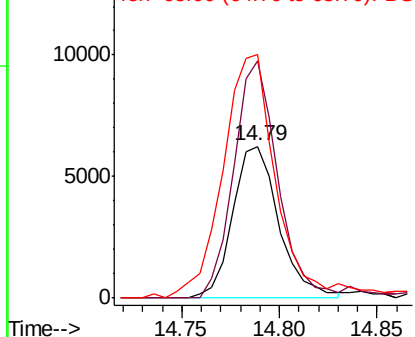


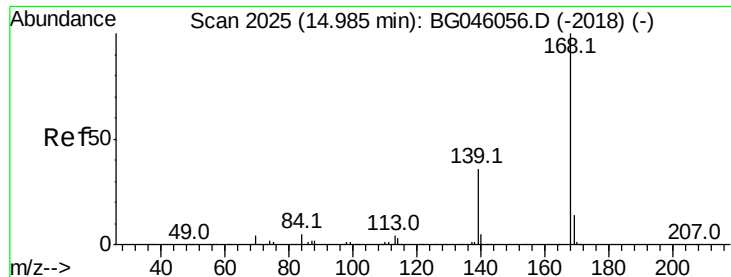
#53
4-Nitrophenol
Concen: 3.893 ng/ul
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:109 Resp: 10229
Ion Ratio Lower Upper
109 100
139 156.0 120.2 180.2
65 160.5 99.6 149.4#



Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BG





#54

Dibenzenofuran

Concen: 4.234 ng/ul

RT: 14.98 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

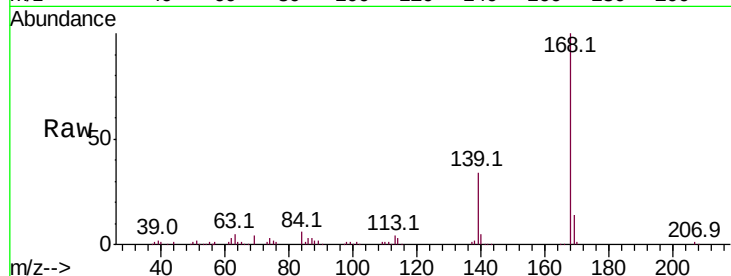
MDL-ME-SOIL-02

Tot Ion:168 Resp: 113173

Ion Ratio Lower Upper

168 100

139 34.4 27.7 41.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.98

80000

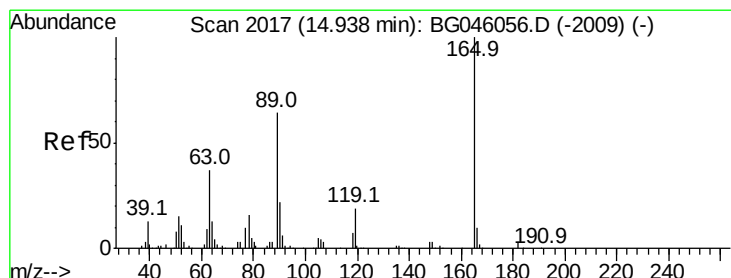
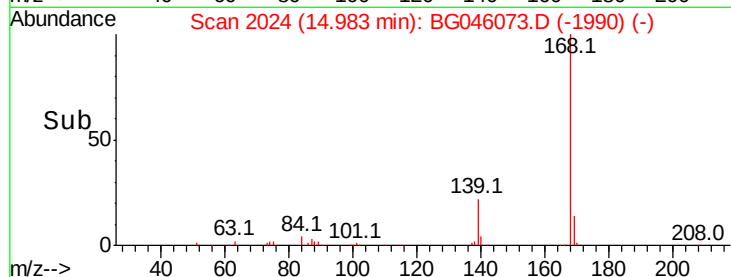
60000

40000

20000

0

Time--> 14.90 14.95 15.00 15.05



#55

2,4-Dinitrotoluene

Concen: 3.871 ng/ul

RT: 14.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

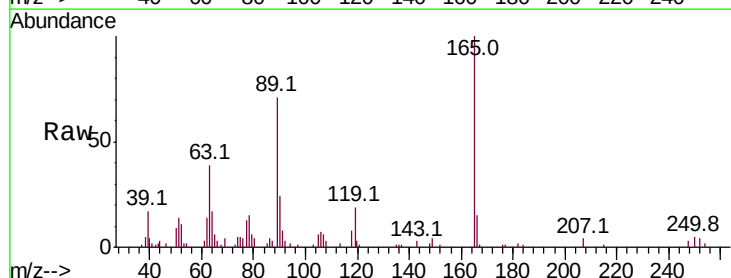
Tgt Ion:165 Resp: 23634

Ion Ratio Lower Upper

165 100

63 39.4 29.4 44.0

182 2.3 2.4 3.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

14.94

20000

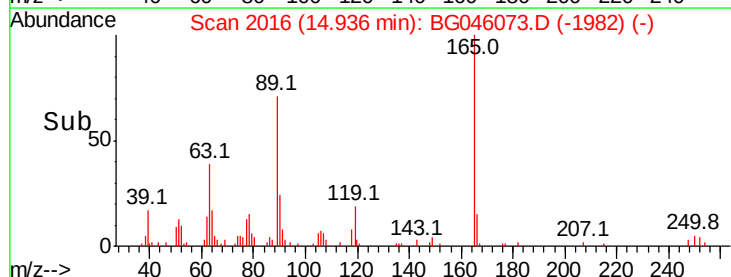
15000

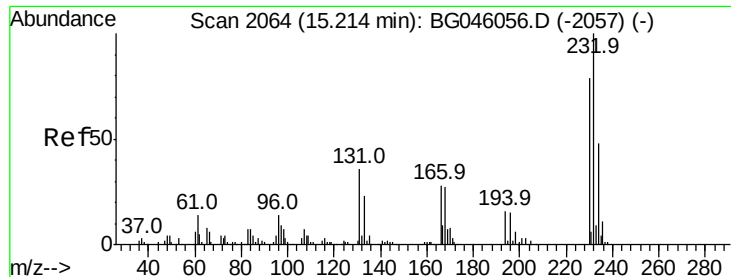
10000

5000

0

Time--> 14.90 14.95

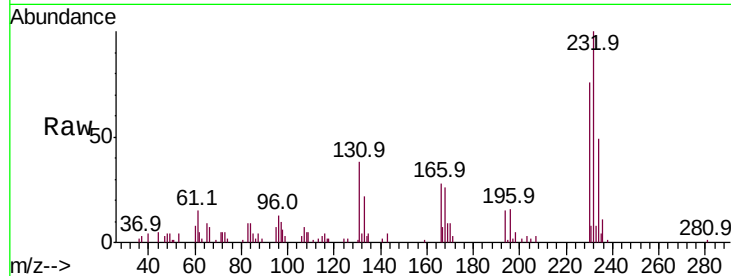




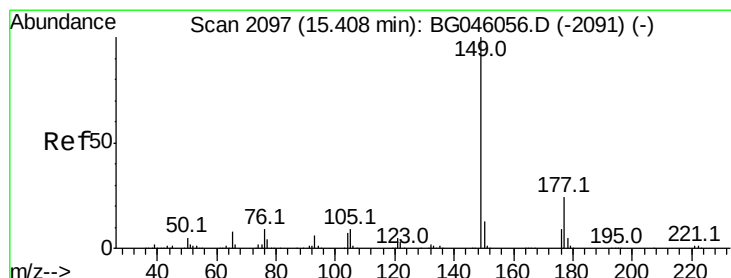
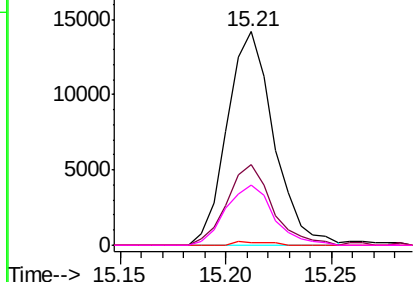
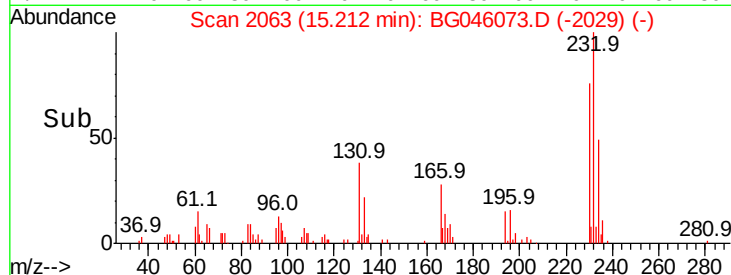
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.688 ng/ul
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

Tot Ion:232 Resp: 21713
 Ion Ratio Lower Upper
 232 100
 131 37.7 30.6 46.0
 130 1.1 1.8 2.6#
 166 28.4 23.4 35.2

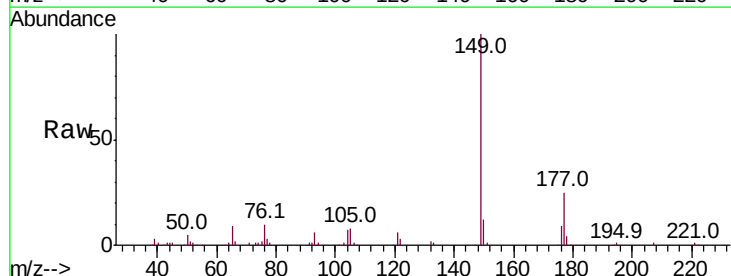


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

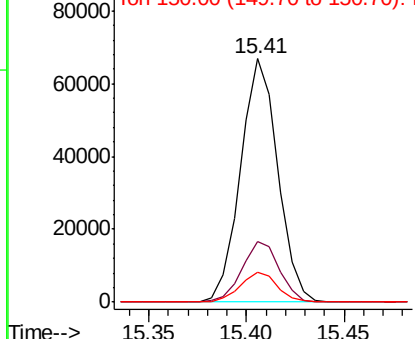
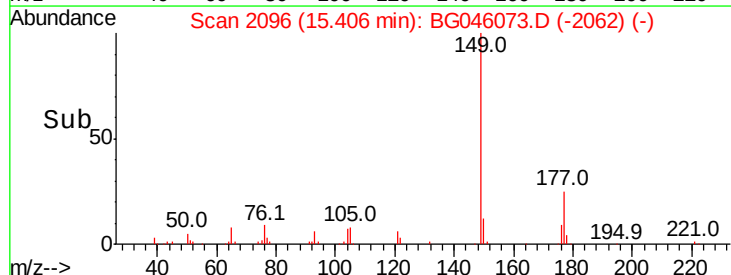


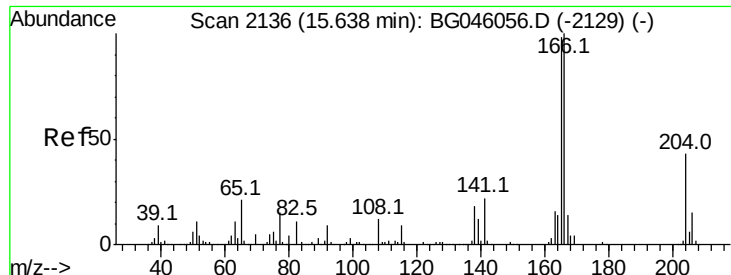
#57
 Diethylphthalate
 Concen: 3.984 ng/ul
 RT: 15.41 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG046073.D
 Acq: 24 Jul 2020 21:01

Tgt Ion:149 Resp: 88488
 Ion Ratio Lower Upper
 149 100
 177 24.8 19.0 28.6
 150 12.1 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: 4.113 ng/ul

RT: 15.63 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

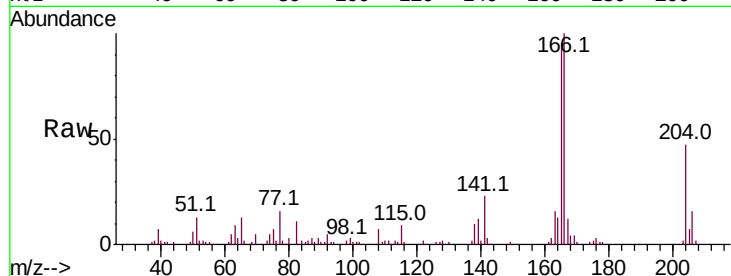
Tot Ion:166 Resp: 93234

Ion Ratio Lower Upper

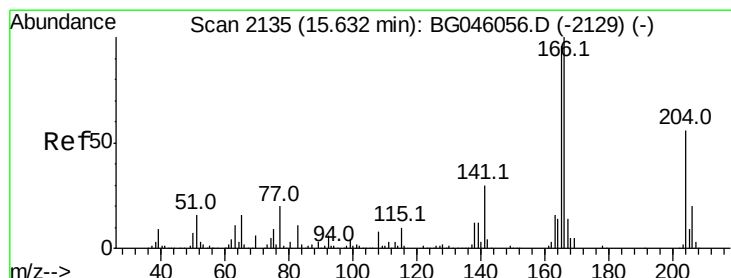
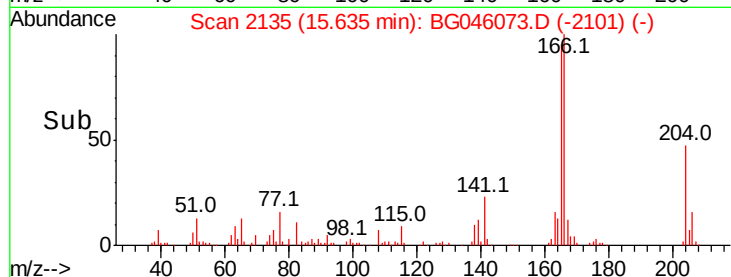
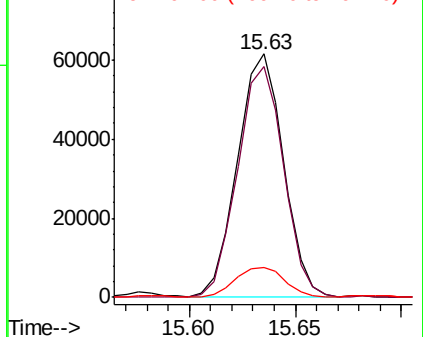
166 100

165 94.9 75.3 112.9

167 12.4 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: 3.929 ng/ul

RT: 15.63 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

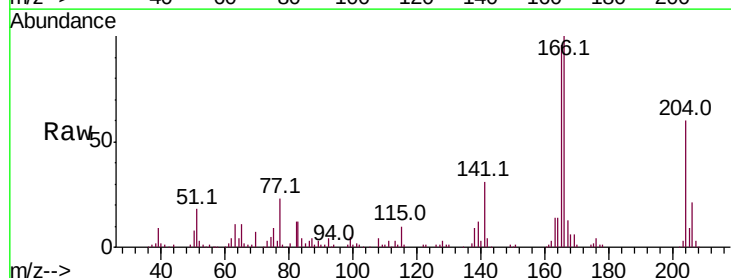
Tgt Ion:204 Resp: 46783

Ion Ratio Lower Upper

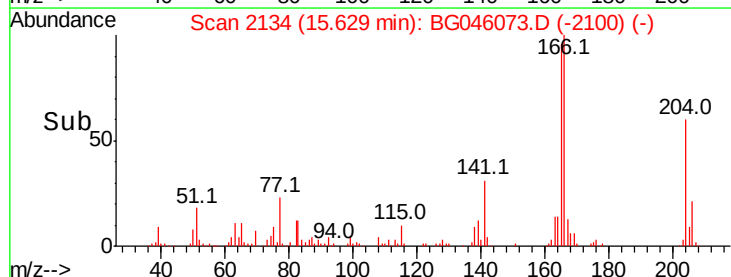
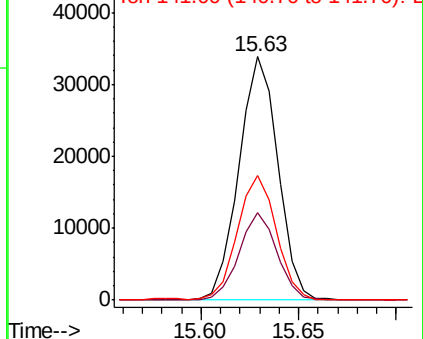
204 100

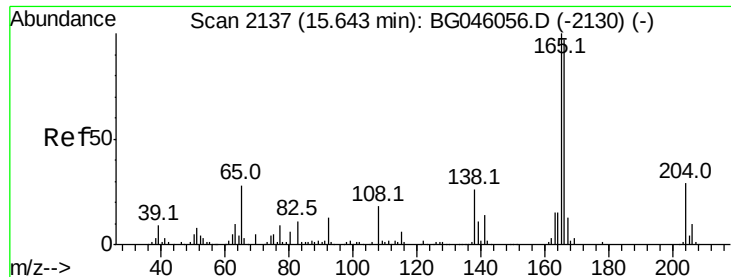
206 35.7 28.2 42.2

141 51.1 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

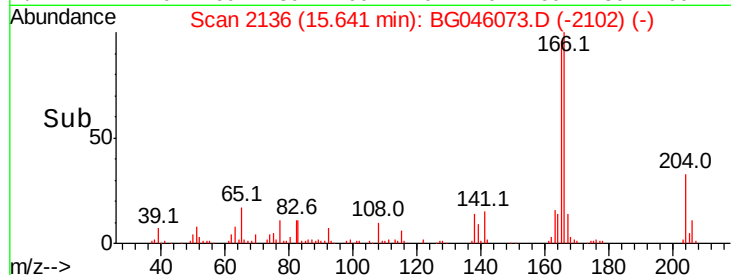
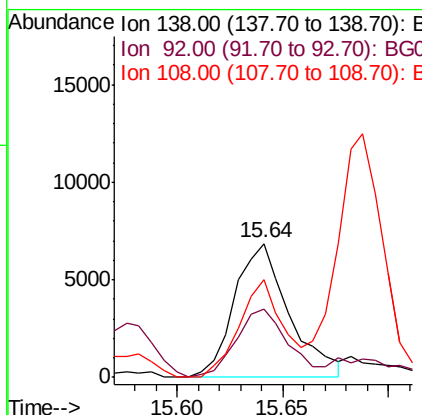
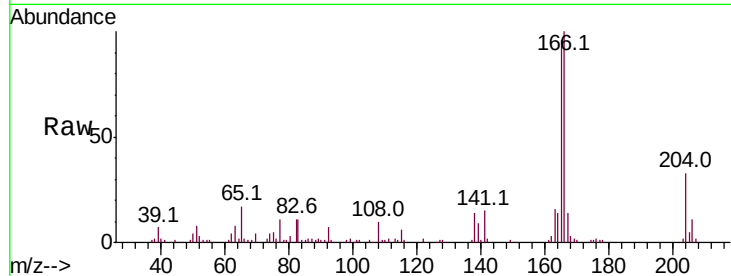




#61
4-Nitroaniline
Concen: 2.733 ng/ul
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

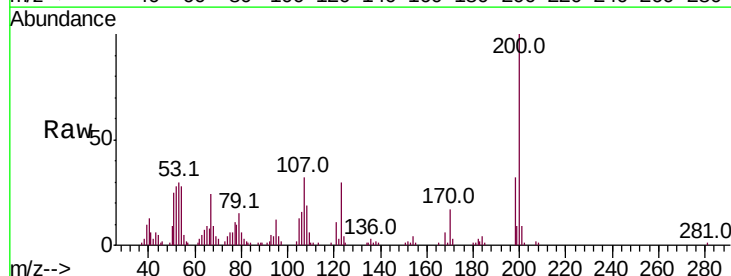
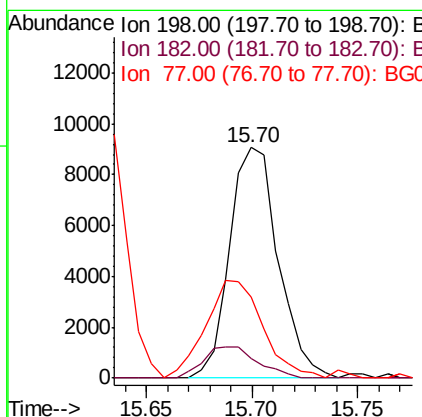
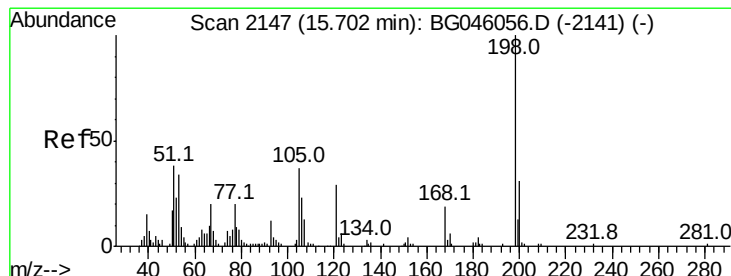
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

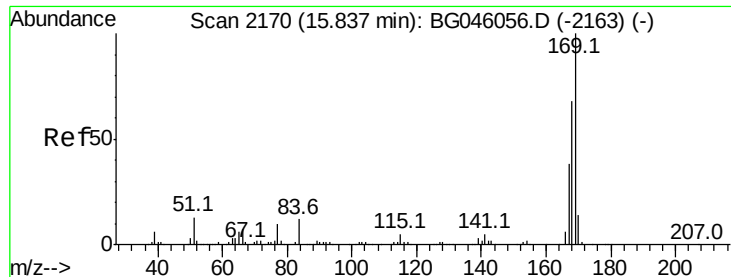
Tot Ion:138 Resp: 12308
Ion Ratio Lower Upper
138 100
92 51.5 40.0 60.0
108 73.2 53.1 79.7



#64
4,6-Dinitro-2-methylphenol
Concen: 4.141 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:198 Resp: 14431
Ion Ratio Lower Upper
198 100
182 8.6 3.3 4.9#
77 35.1 15.4 23.0#



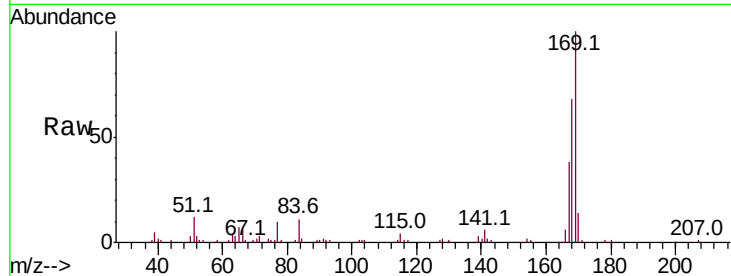


#65

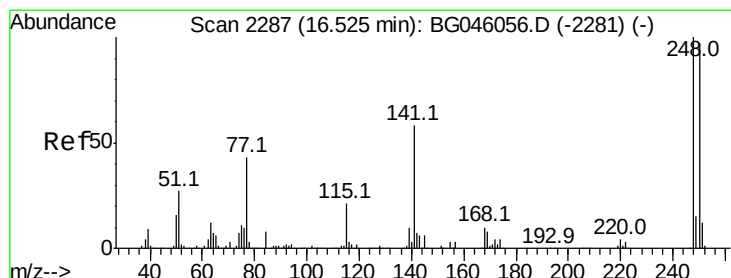
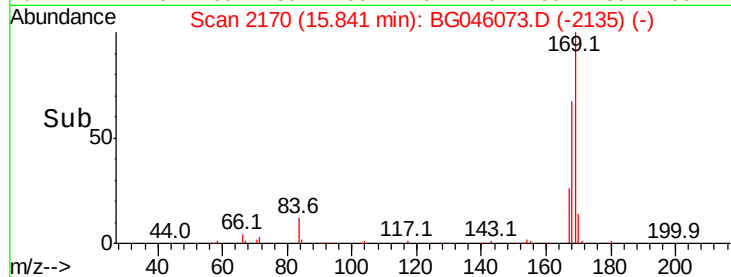
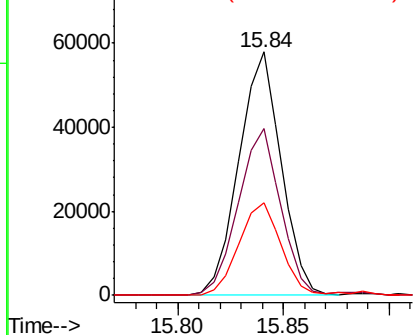
N-Nitrosodiphenylamine
Concen: 4.233 ng/ul
RT: 15.84 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:169 Resp: 80458
Ion Ratio Lower Upper
169 100
168 68.3 55.8 83.8
167 37.8 30.1 45.1



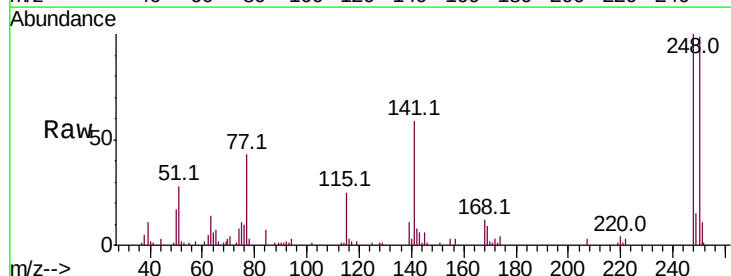
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



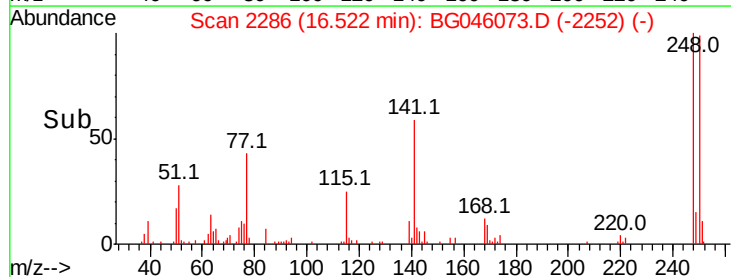
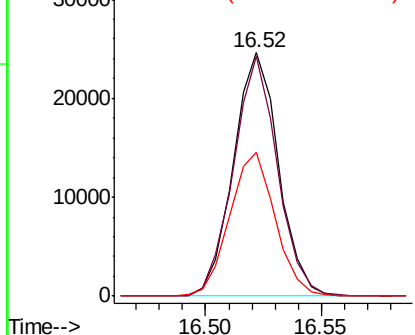
#66

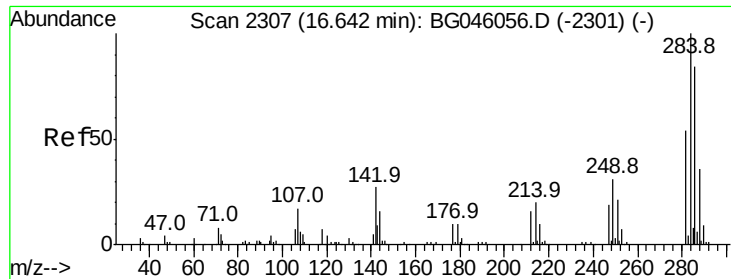
4-Bromophenyl-phenylether
Concen: 4.125 ng/ul
RT: 16.52 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:248 Resp: 33513
Ion Ratio Lower Upper
248 100
250 98.5 73.2 109.8
141 59.1 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: 4.028 ng/ul

RT: 16.64 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

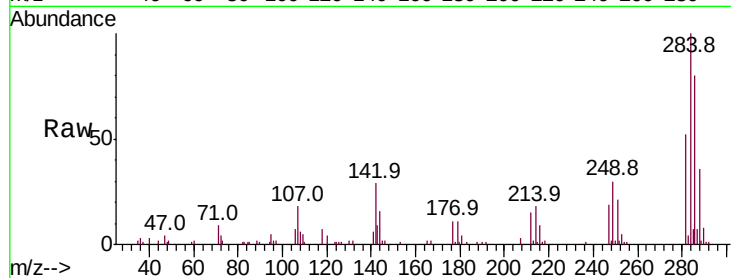
Tot Ion:284 Resp: 36936

Ion Ratio Lower Upper

284 100

142 28.7 21.8 32.6

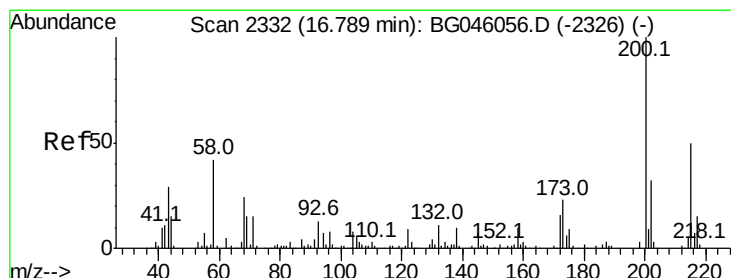
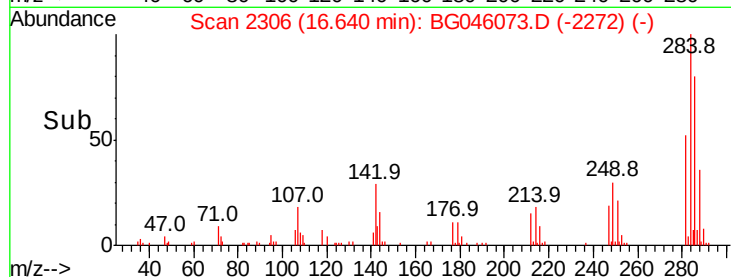
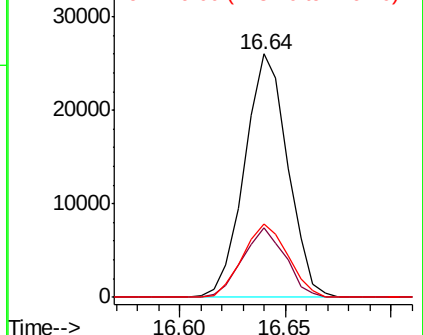
249 30.4 24.8 37.2



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: 3.956 ng/ul

RT: 16.79 min Scan# 2331

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

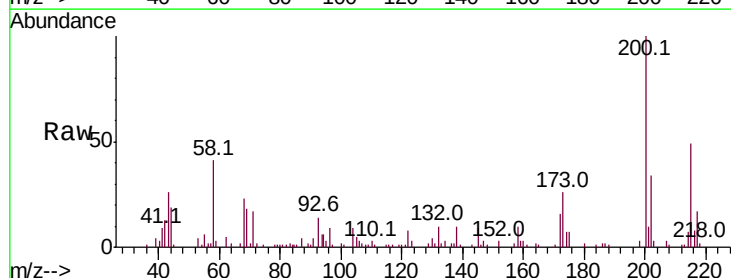
Tgt Ion:200 Resp: 30063

Ion Ratio Lower Upper

200 100

173 25.5 19.0 28.6

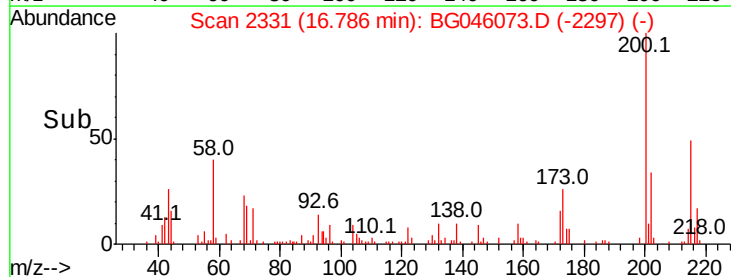
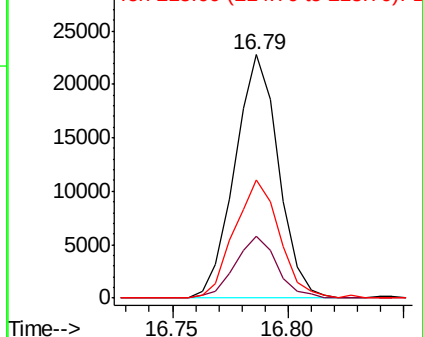
215 48.6 42.6 63.8

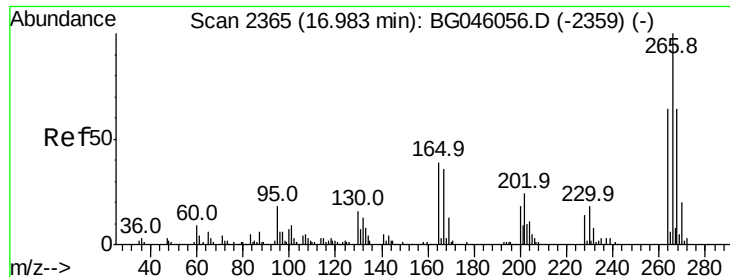


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 3.056 ng/ul

RT: 16.98 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

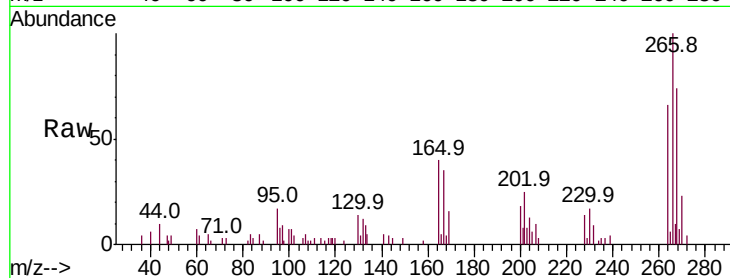
Tot Ion:266 Resp: 14938

Ion Ratio Lower Upper

266 100

264 66.1 51.3 76.9

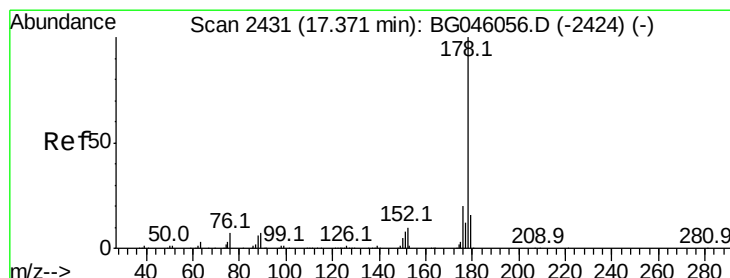
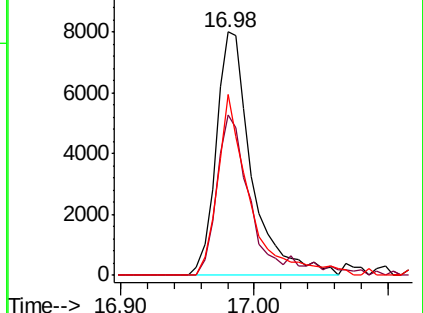
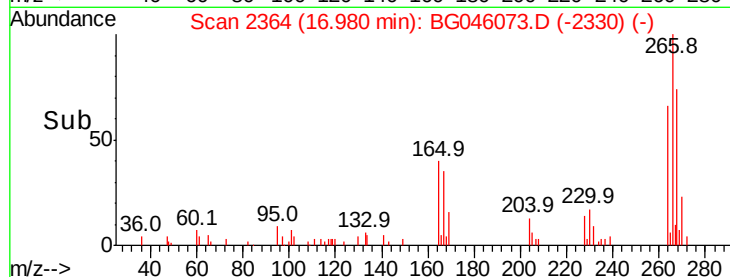
268 74.5 53.8 80.6



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: 4.263 ng/ul

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

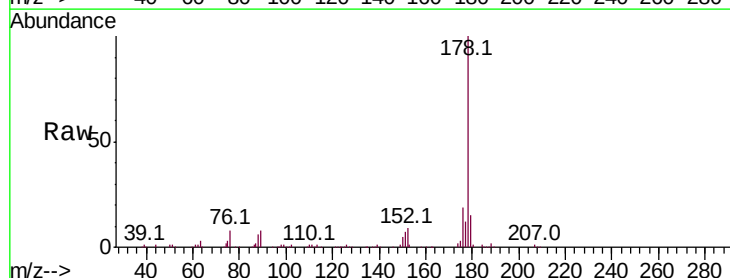
Tgt Ion:178 Resp: 155530

Ion Ratio Lower Upper

178 100

179 14.9 13.0 19.6

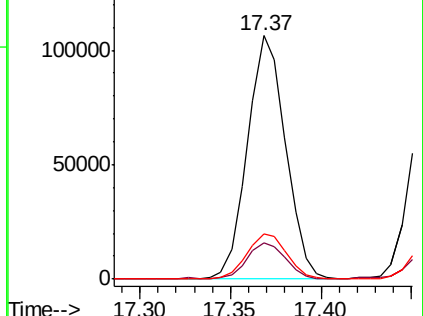
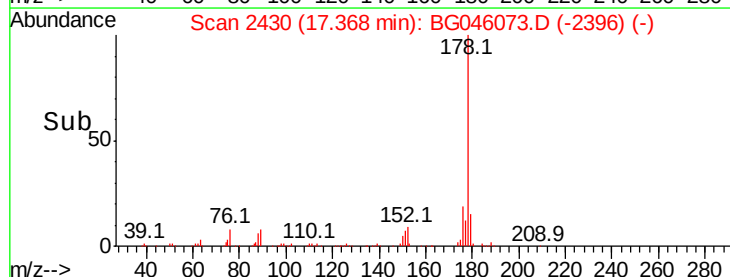
176 18.8 16.0 24.0

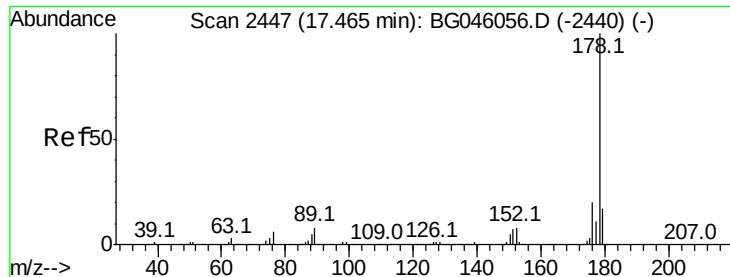


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.183 ng/ul

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

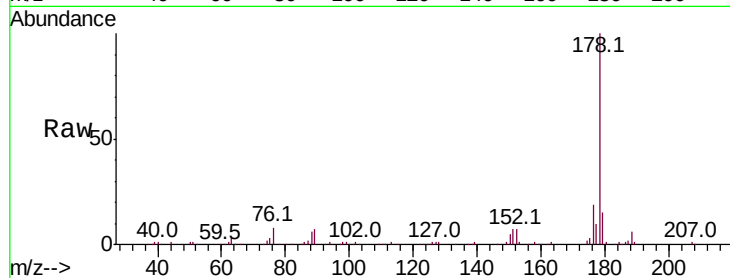
Tot Ion:178 Resp: 152046

Ion Ratio Lower Upper

178 100

179 15.0 12.7 19.1

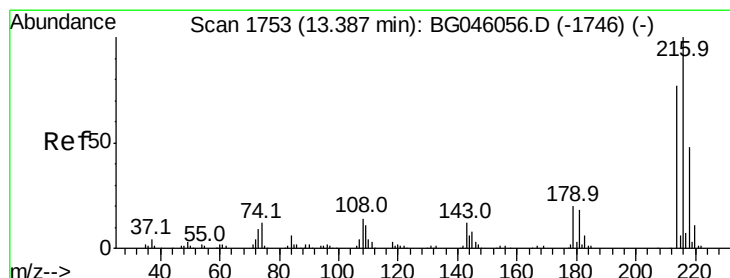
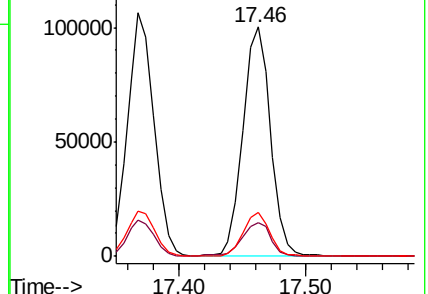
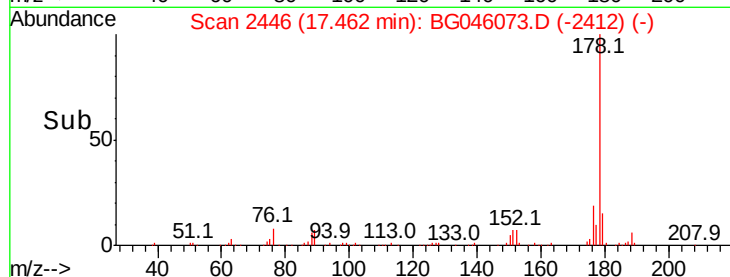
176 19.3 15.8 23.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 4.328 ng/uL

RT: 13.38 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

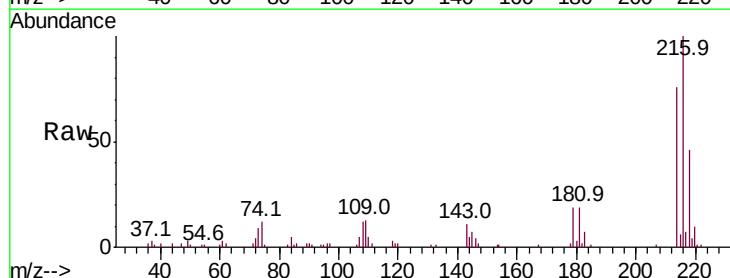
Tgt Ion:216 Resp: 42484

Ion Ratio Lower Upper

216 100

214 76.4 62.9 94.3

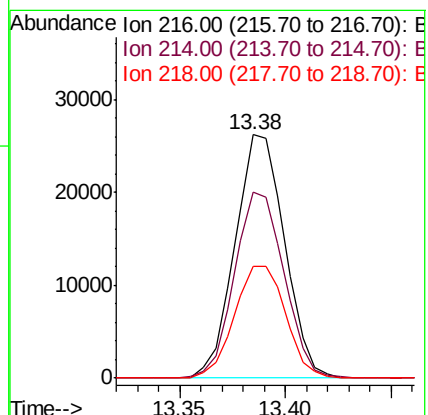
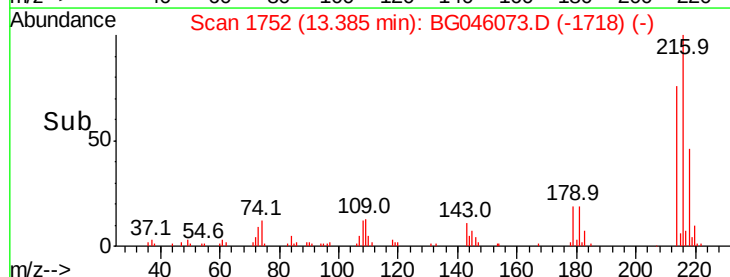
218 46.1 40.2 60.2

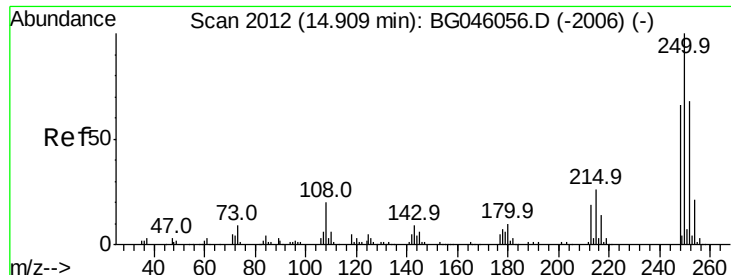


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.135 ng/uL

RT: 14.91 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

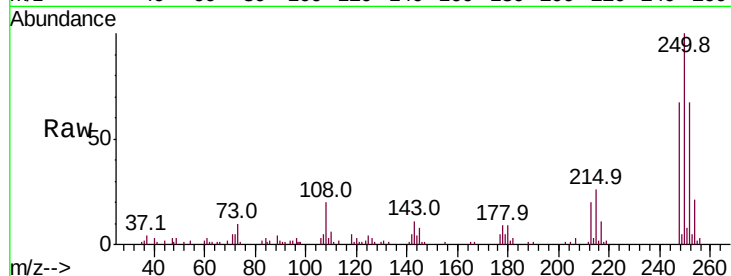
Tot Ion:250 Resp: 40998

Ion Ratio Lower Upper

250 100

248 67.3 49.1 73.7

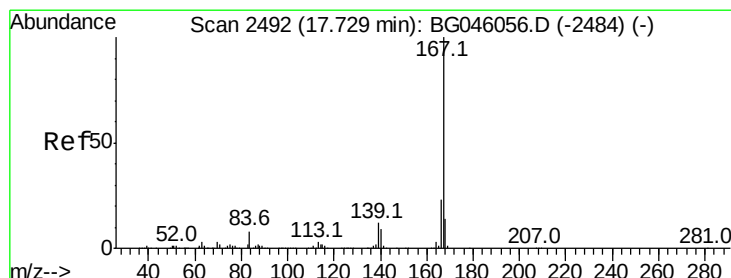
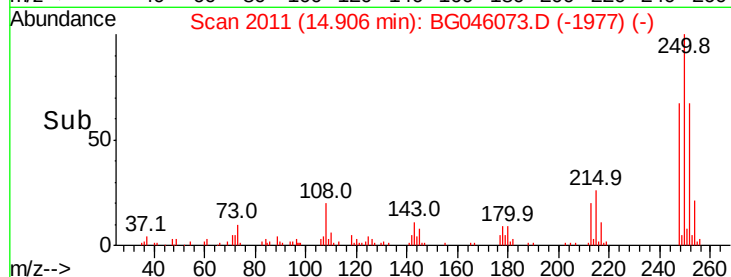
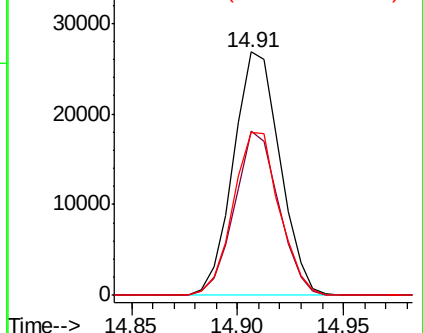
252 66.7 51.4 77.2



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: 4.555 ng/uL

RT: 17.73 min Scan# 2491

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

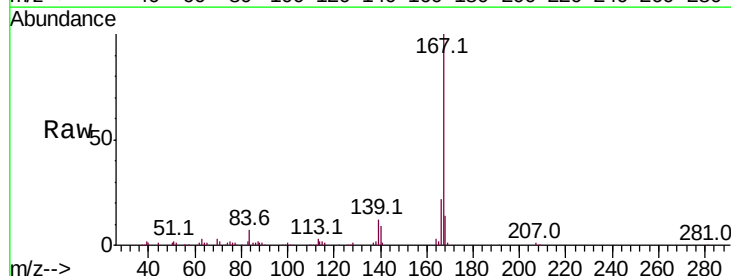
Tgt Ion:167 Resp: 132878

Ion Ratio Lower Upper

167 100

166 22.0 18.8 28.2

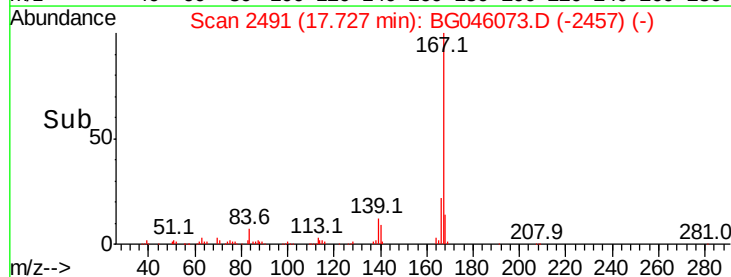
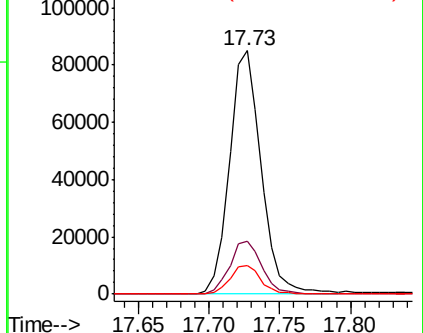
139 11.8 9.7 14.5

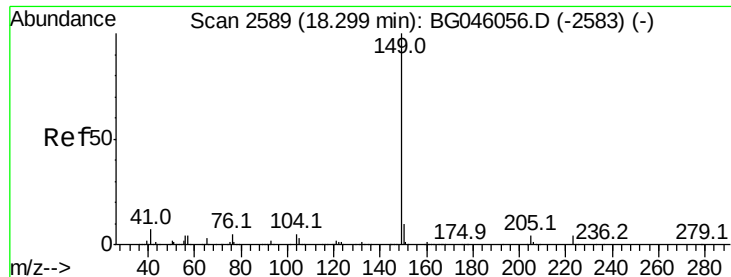


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

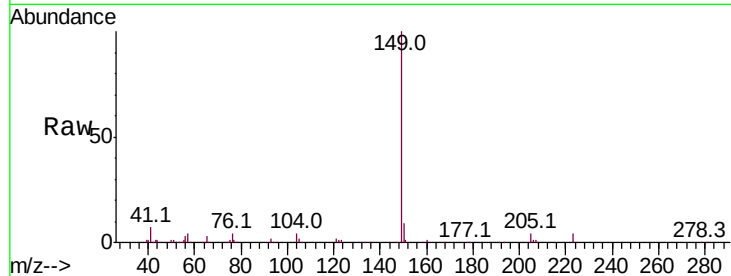




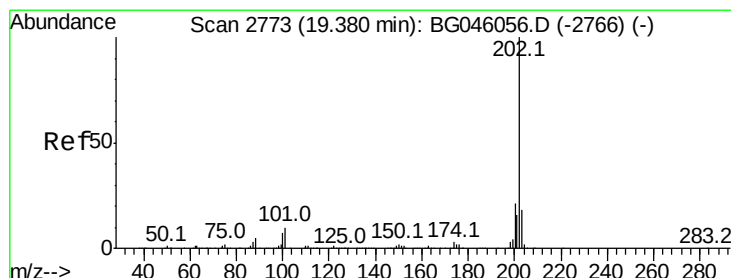
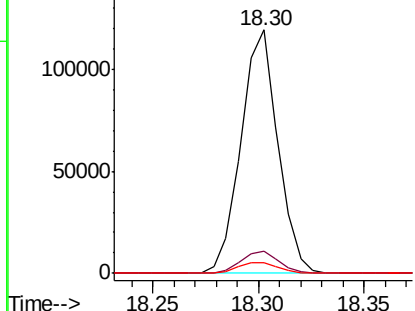
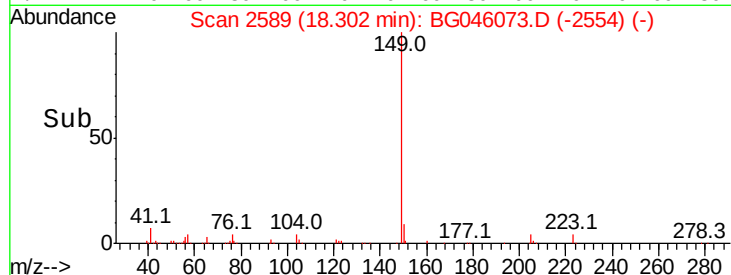
#76
Di-n-butylphthalate
Concen: 4.034 ng/ul
RT: 18.30 min Scan# 2589
Delta R.T. 0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:149 Resp: 144803
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.4 4.1 6.1

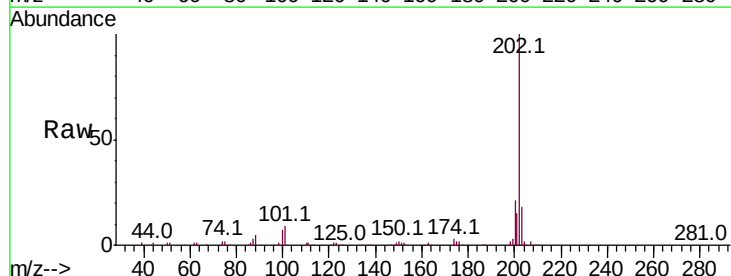


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

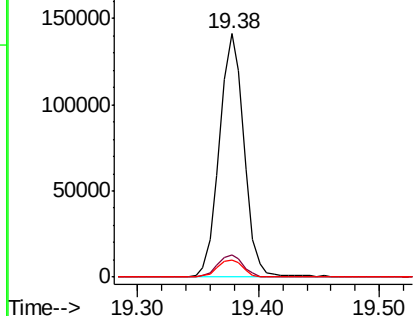
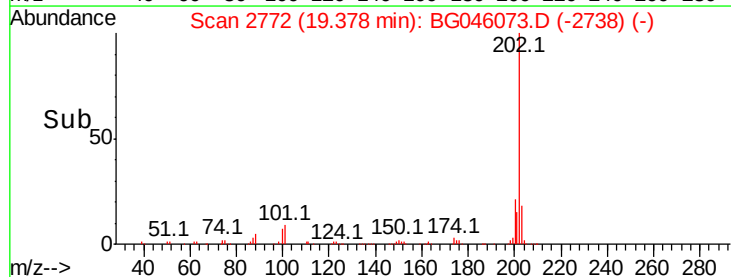


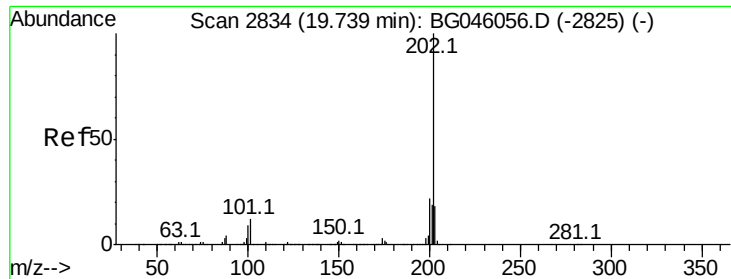
#77
Fluoranthene
Concen: 4.964 ng/ul
RT: 19.38 min Scan# 2772
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:202 Resp: 198636
Ion Ratio Lower Upper
202 100
101 9.3 7.8 11.6
100 7.2 6.5 9.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

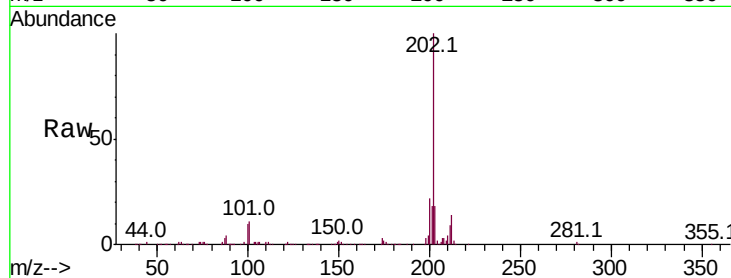




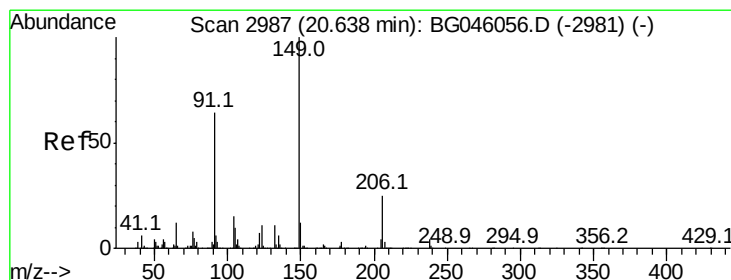
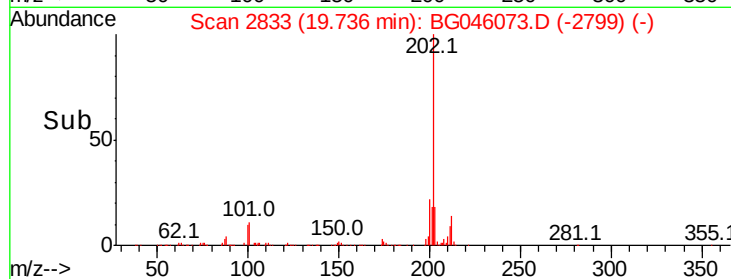
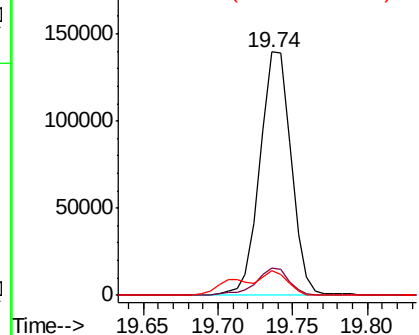
#80
Pvrene
Concen: 4.254 ng/ul
RT: 19.74 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
100	10.1	7.6	11.4

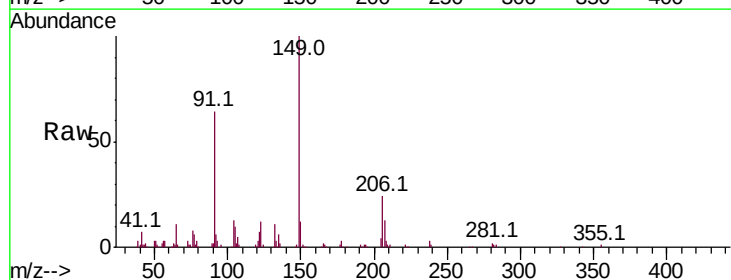


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

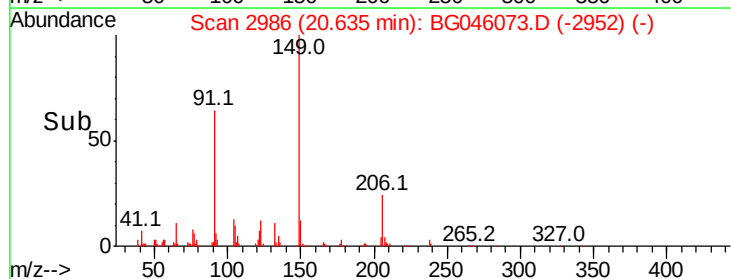
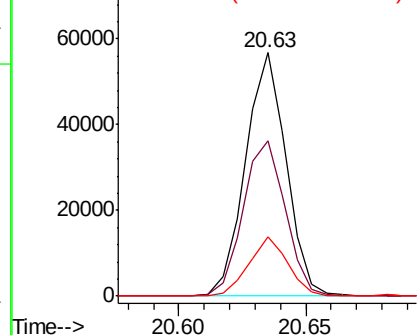


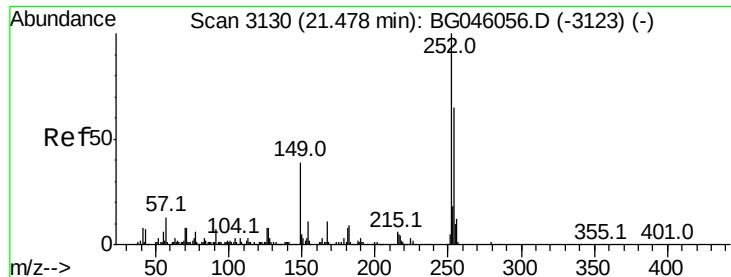
#81
Butylbenzylphthalate
Concen: 3.871 ng/ul
RT: 20.63 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.0	55.1	82.7
206	24.1	19.8	29.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E



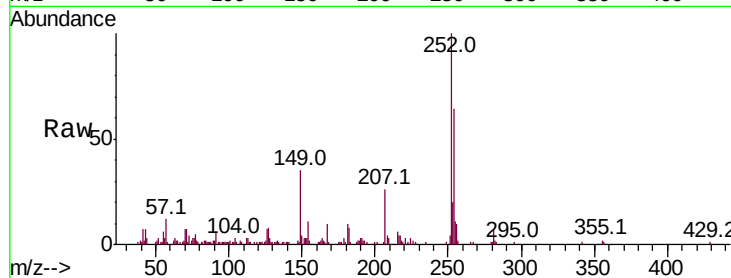


#82

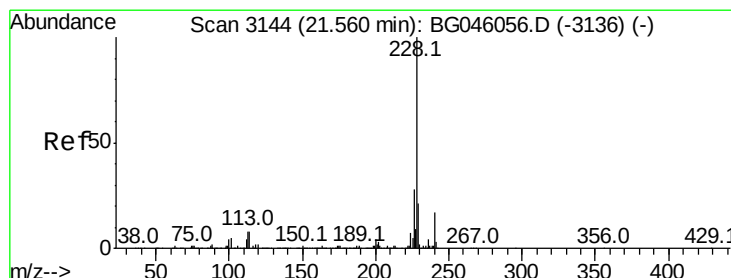
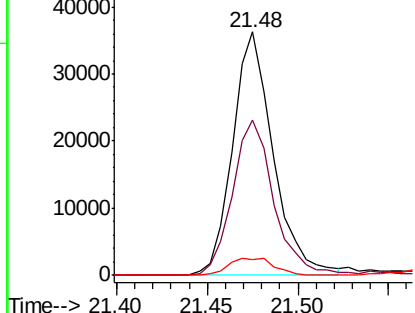
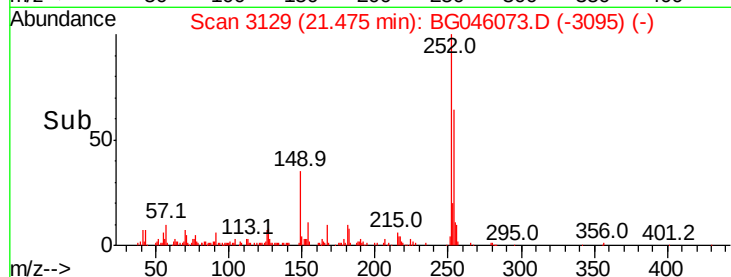
3,3'-Dichlorobenzidine
Concen: 3.759 ng/ul
RT: 21.48 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

Tot Ion:252 Resp: 56528
Ion Ratio Lower Upper
252 100
254 63.7 51.7 77.5
126 6.6 7.0 10.4#



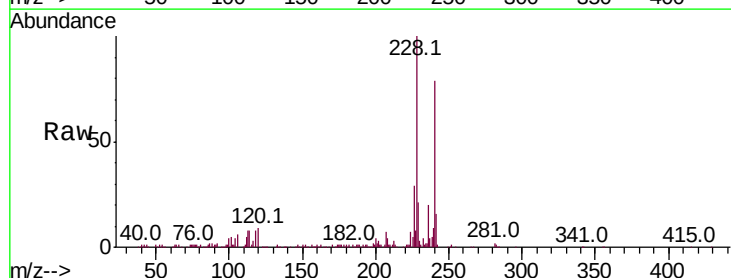
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



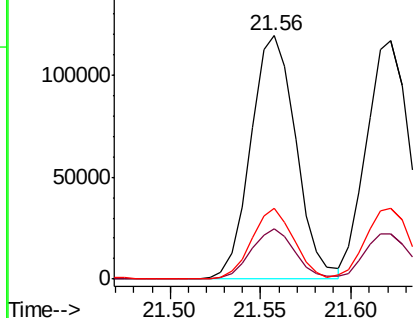
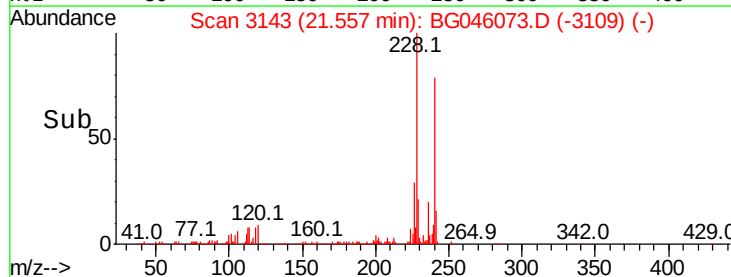
#83

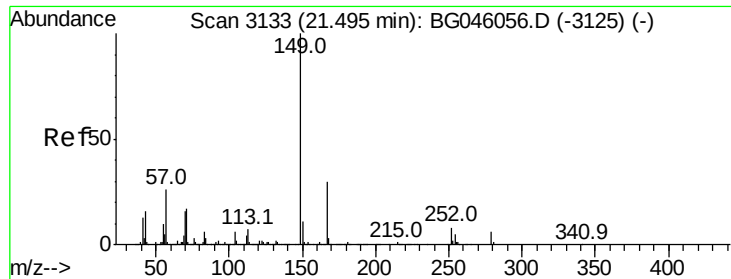
Benzo(a)anthracene
Concen: 4.478 ng/ul
RT: 21.56 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion:228 Resp: 206620
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.4
226 29.1 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: 3.888 ng/ul

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

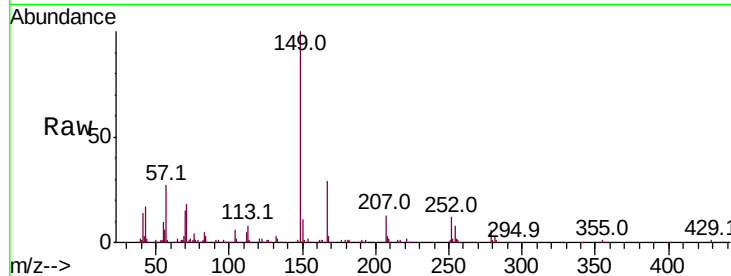
Tot Ion:149 Resp: 91967

Ion Ratio Lower Upper

149 100

167 28.7 24.6 37.0

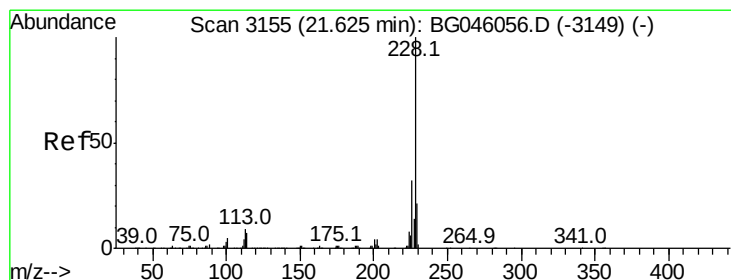
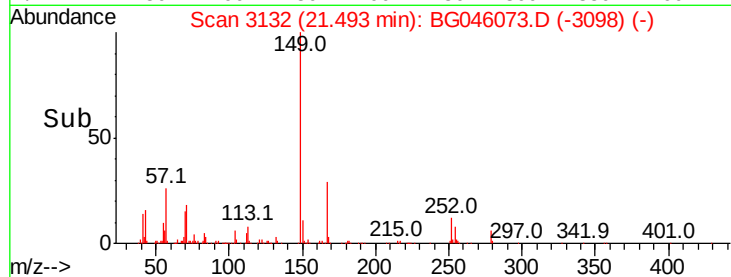
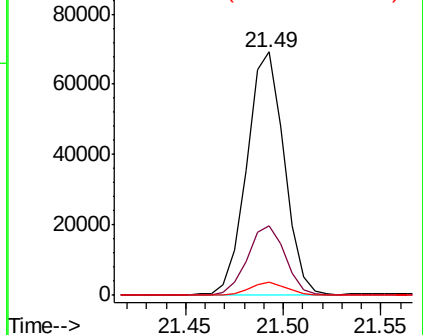
279 5.6 4.1 6.1



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: 4.404 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

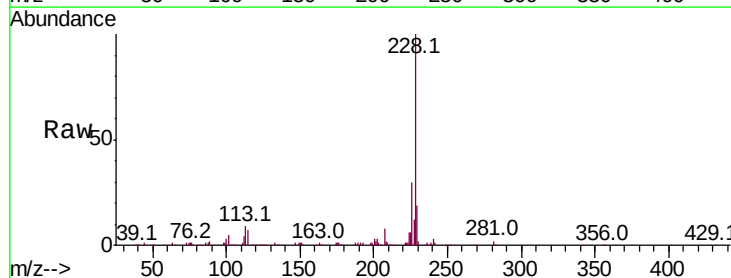
Tgt Ion:228 Resp: 197535

Ion Ratio Lower Upper

228 100

226 29.7 25.3 37.9

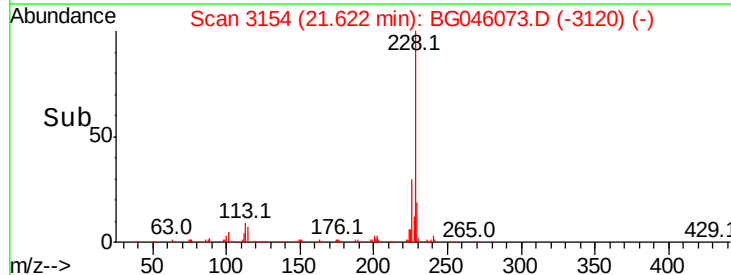
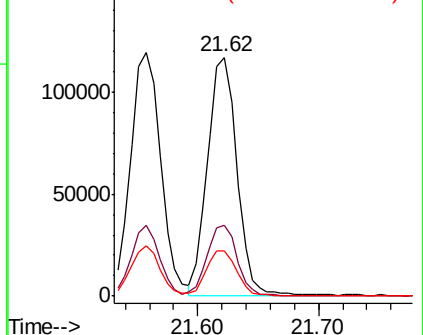
229 19.1 16.9 25.3

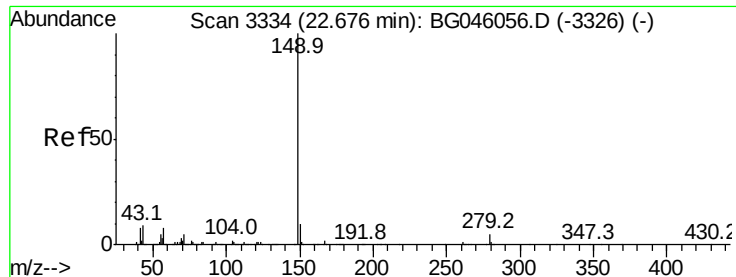


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 3.701 ng/ul

RT: 22.67 min Scan# 3333

Delta R.T. -0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

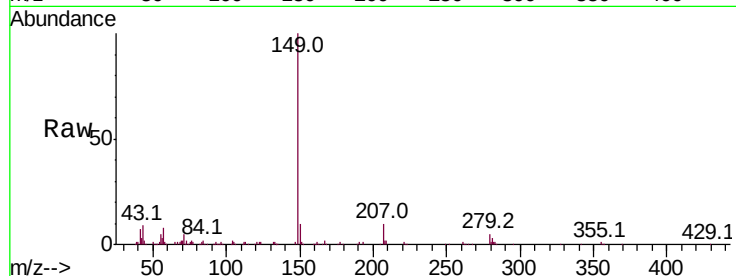
Instrument :

BNA_G

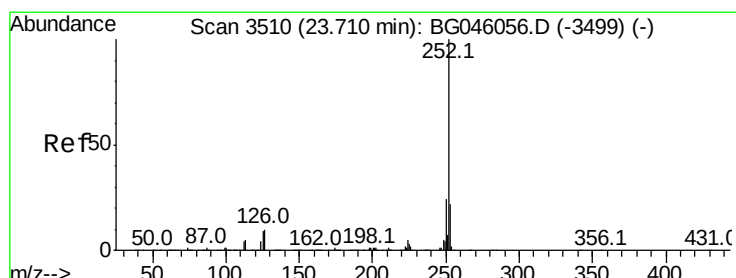
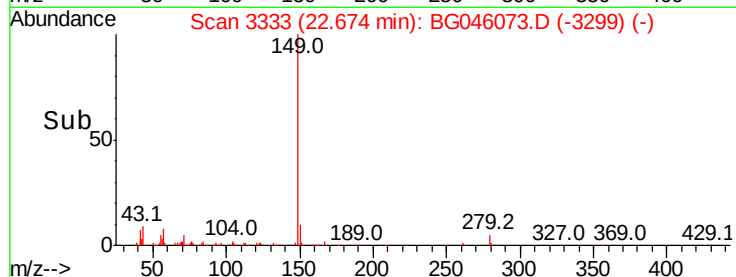
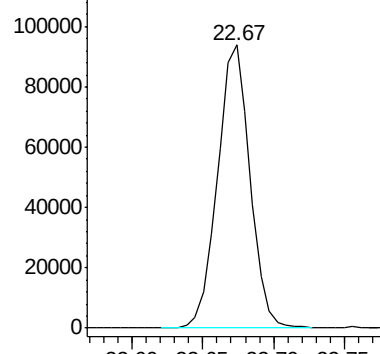
ClientSampleId :

MDL-ME-SOIL-02

Tgt Ion:149 Resp: 151288



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.880 ng/ul

RT: 23.70 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

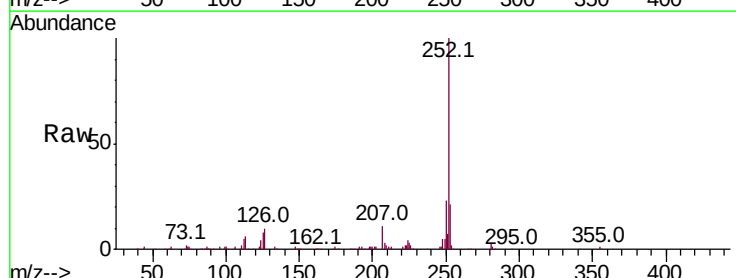
Tgt Ion:252 Resp: 205041

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	7.9	6.3	9.5

252 100

253 21.3 18.0 27.0

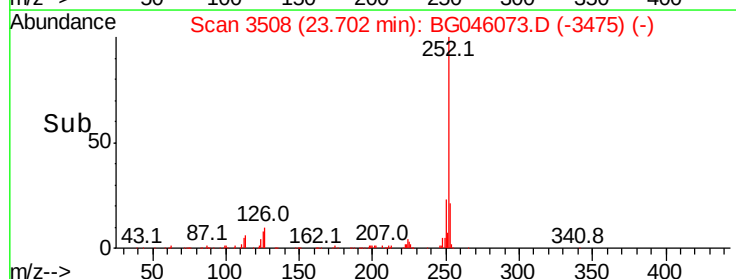
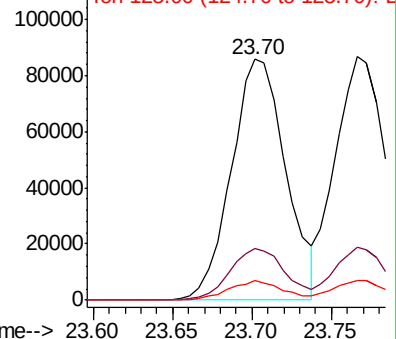
125 7.9 6.3 9.5

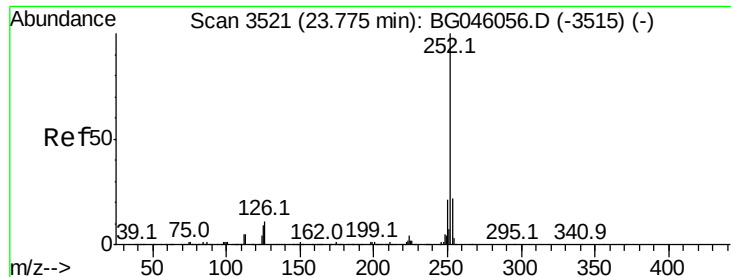


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.805 ng/ul

RT: 23.77 min Scan# 3519

Delta R.T. -0.01 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

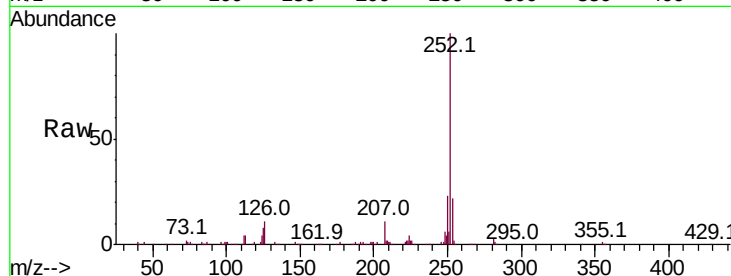
Tot Ion:252 Resp: 197430

Ion Ratio Lower Upper

252 100

253 21.5 18.8 28.2

125 7.9 6.7 10.1

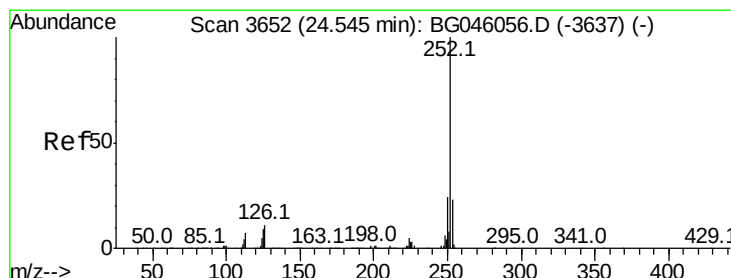
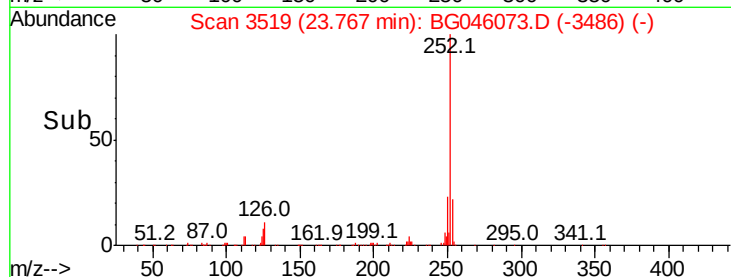
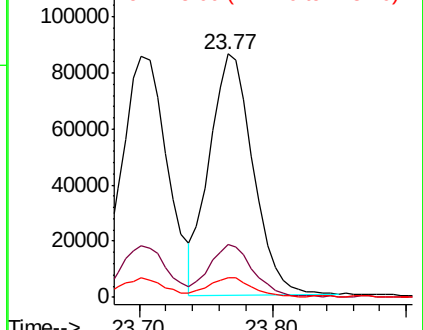


Abundance

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: 4.162 ng/ul

RT: 24.55 min Scan# 3652

Delta R.T. 0.00 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

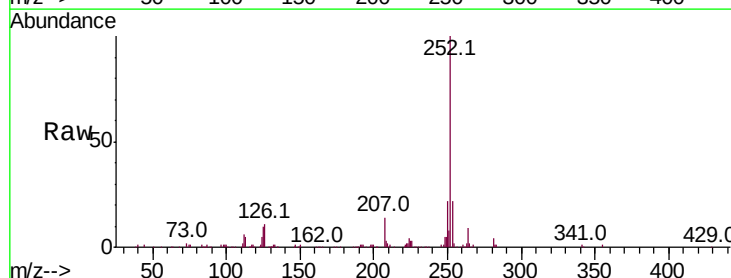
Tgt Ion:252 Resp: 201715

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 9.8 7.4 11.2

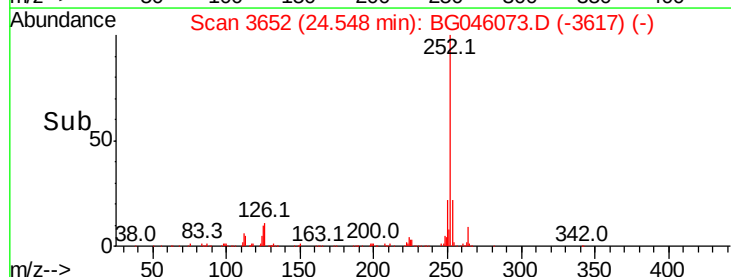
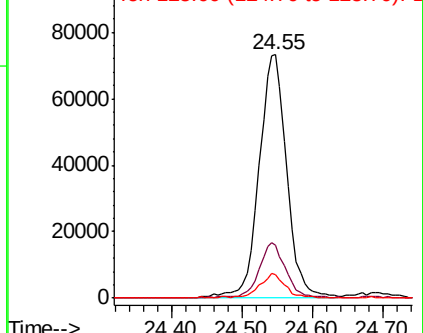


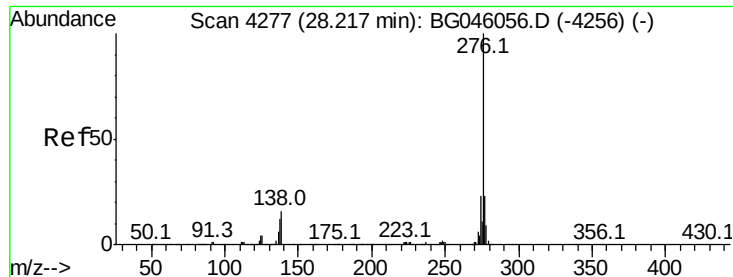
Abundance

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



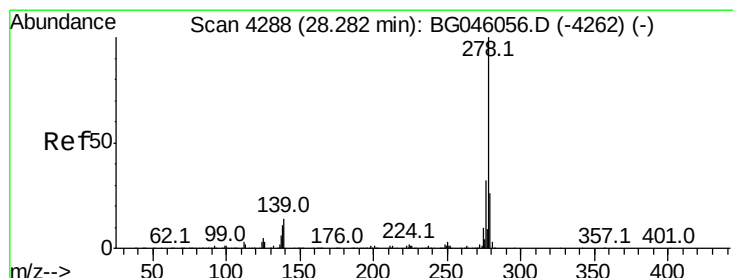
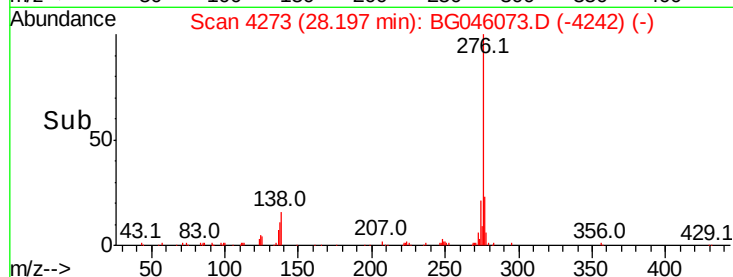
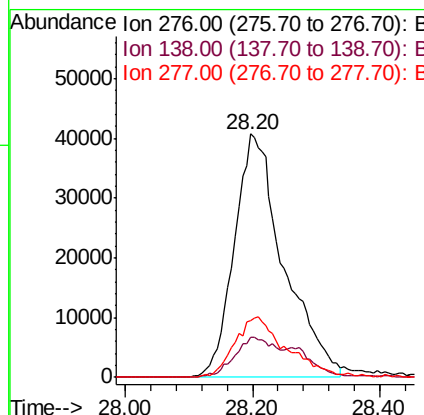
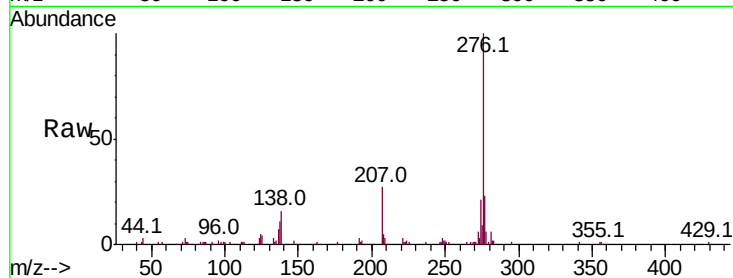


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.627 ng/ul
RT: 28.20 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

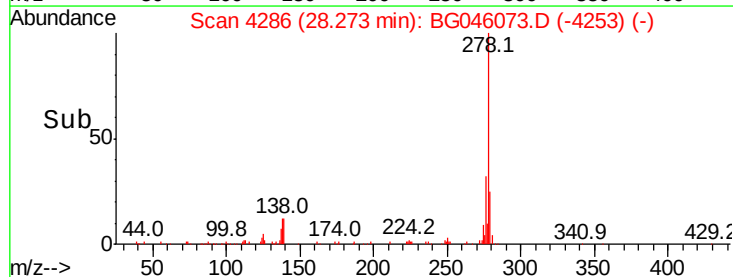
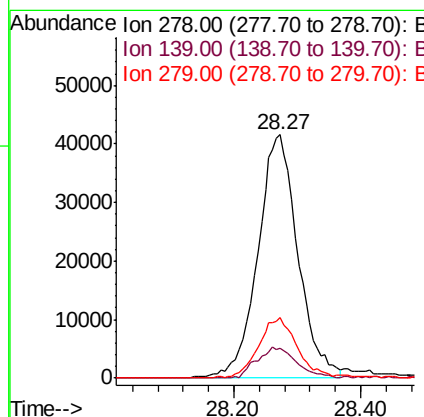
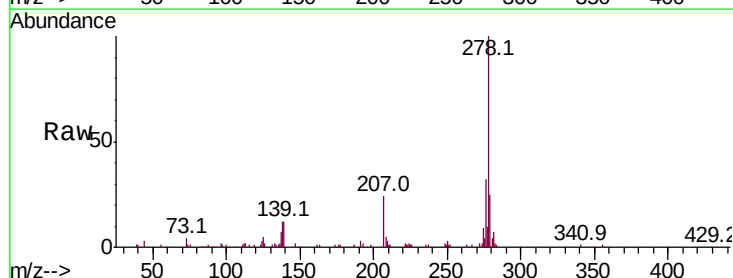
Tot Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.6	18.8
277	23.2	18.5	27.7

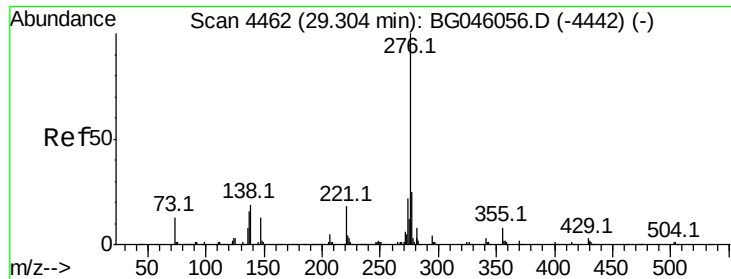


#93

Dibenzo(a,h)anthracene
Concen: 3.679 ng/ul
RT: 28.27 min Scan# 4286
Delta R.T. -0.01 min
Lab File: BG046073.D
Acq: 24 Jul 2020 21:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.6	16.0
279	25.0	19.4	29.0





#94

Benzo(a,h,i)perylene

Concen: 3.712 ng/ul

RT: 29.30 min Scan# 4460

Delta R.T. -0.01 min

Lab File: BG046073.D

Acq: 24 Jul 2020 21:01

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

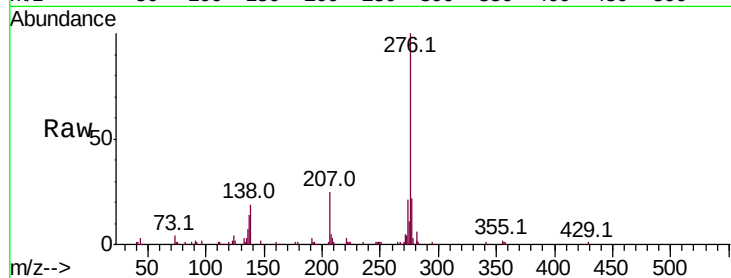
Tot Ion:276 Resp: 189872

Ion Ratio Lower Upper

276 100

138 19.5 13.6 20.4

277 22.4 18.8 28.2



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

