

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
 Data File : BG047718.D
 Acq On : 11 Dec 2020 17:46
 Operator : CG/JU
 Sample : L4485-01
 Misc : MDL-SOIL-01
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-01

Quant Time: Dec 12 00:00:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 14:20:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26022	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	105959	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	84989	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	212237	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	233662	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	234909	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2362	3.99	ng/uL	0.00
4) Pyridine-d5	3.95	84	40490	24.11	ng/ul	0.00
7) Phenol-d5	7.34	99	78251	35.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	41834	36.37	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	57203	34.65	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	60958	36.72	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	29024	32.55	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	34245	33.74	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	69430	32.39	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	81799	32.79	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	232524	33.15	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	277308	34.57	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	30898	28.92	ng/ul	0.00
60) Fluorene-d10	15.81	176	203794	31.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	44801	30.84	ng/ul	0.00
73) Anthracene-d10	17.66	188	343615	33.30	ng/ul	0.00
81) Pyrene-d10	19.93	212	432693	34.21	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	410241	31.12	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.55	88	499	0.818	ng/uL# 21
5) Pyridine	3.99	79	4470	2.838	ng/ul# 63
6) Benzaldehyde	7.33	77	5858	5.841	ng/ul# 80
8) Phenol	7.37	94	6619	3.086	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.61	93	5690	3.814	ng/ul# 86
12) 2-Chlorophenol	7.76	128	5566	3.398	ng/ul# 82
13) 2-Methylphenol	8.64	108	5519	3.382	ng/ul# 79
14) 2,2'-oxybis(1-Chloropropan	8.73	45	4442	3.199	ng/ul# 90
16) Acetophenone	9.03	105	9593	3.440	ng/ul# 78
17) N-Nitroso-di-n-propylamine	9.01	70	4667	3.048	ng/ul# 58
18) 4-Methylphenol	8.97	108	6570	3.669	ng/ul# 71
19) Hexachloroethane	9.30	117	2706	3.374	ng/ul# 85
22) Nitrobenzene	9.42	77	8578	3.231	ng/ul 94
23) Isophorone	9.93	82	15130	3.281	ng/ul 99
25) 2-Nitrophenol	10.13	139	3587	3.382	ng/ul# 85
26) 2,4-Dimethylphenol	10.18	107	8307	3.337	ng/ul 97
27) Bis(2-Chloroethoxy)methane	10.42	93	6879	3.126	ng/ul# 86
29) 2,4-Dichlorophenol	10.67	162	7266	3.694	ng/ul 87
30) Naphthalene	11.08	128	19597	3.347	ng/ul# 95
32) 4-Chloroaniline	11.18	127	7368	3.089	ng/ul# 86
33) Hexachlorobutadiene	11.37	225	6971	3.301	ng/ul# 78
34) Caprolactam	11.94	113	631	0.947	ng/ul 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	6209	2.864	ng/ul#	61
36) 2-Methylnaphthalene	12.68	142	15044	3.406	ng/ul	84
37) 1-Methylnaphthalene	12.89	142	13688	3.243	ng/ul	85
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	11368	3.248	ng/ul#	96
40) Hexachlorocyclopentadiene	13.01	237	5461	2.380	ng/ul	94
41) 2,4,6-Trichlorophenol	13.26	196	6754	3.218	ng/ul	94
42) 2,4,5-Trichlorophenol	13.26	196	5813	2.615	ng/ul	97
43) 1,1'-Biphenyl	13.66	154	20768	3.164	ng/ul	96
44) 2-Chloronaphthalene	13.71	162	17118	3.313	ng/ul	96
45) 2-Nitroaniline	13.90	65	5837	3.289	ng/ul	86
47) Dimethylphthalate	14.26	163	23488	3.268	ng/ul#	99
48) 2,6-Dinitrotoluene	14.39	165	4934	3.249	ng/ul#	81
50) Acenaphthylene	14.56	152	24357	3.223	ng/ul#	91
51) 3-Nitroaniline	14.72	138	3824	3.507	ng/ul	85
52) Acenaphthene	14.89	153	16380	3.049	ng/ul	98
53) 2,4-Dinitrophenol	14.93	184	1162	1.290	ng/ul#	88
55) 4-Nitrophenol	15.01	109	5900	3.257	ng/ul#	73
56) Dibenzofuran	15.22	168	25275	3.248	ng/ul	92
57) 2,4-Dinitrotoluene	15.17	165	6220	2.858	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.44	232	5701	2.769	ng/ul#	90
59) Diethylphthalate	15.62	149	22928	3.223	ng/ul	94
61) Fluorene	15.87	166	22328	3.339	ng/ul	92
62) 4-Chlorophenyl-phenylether	15.86	204	13301	3.180	ng/ul	97
63) 4-Nitroaniline	15.87	138	4946	4.825	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.93	198	5158	3.498	ng/ul#	43
67) N-Nitrosodiphenylamine	16.06	169	20158	3.413	ng/ul	93
68) 4-Bromophenyl-phenylether	16.75	248	9948	3.651	ng/ul	97
69) Hexachlorobenzene	16.87	284	9996	3.341	ng/ul#	84
70) Atrazine	17.00	200	9757	3.468	ng/ul#	81
71) Pentachlorophenol	17.22	266	1830	1.301	ng/ul#	75
72) Phenanthrene	17.61	178	37957	3.294	ng/ul	96
74) Anthracene	17.69	178	39096	3.396	ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	11201	3.257	ng/uL	94
76) Pentachlorobenzene	15.14	250	12177	3.628	ng/uL	86
77) Carbazole	17.96	167	30482	3.248	ng/ul	97
78) Di-n-butylphthalate	18.50	149	36738	3.192	ng/ul#	96
80) Fluoranthene	19.60	202	55139	3.443	ng/ul	99
82) Pyrene	19.96	202	50043	3.165	ng/ul#	95
83) Butylbenzylphthalate	20.82	149	17188	3.116	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.72	252	20479	3.560	ng/ul#	98
85) Benzo(a)anthracene	21.82	228	55165	3.345	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.70	149	23703	3.118	ng/ul	99
87) Chrysene	21.88	228	54445	3.479	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	41353	3.345	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	53202	3.240	ng/ul#	93
91) Benzo(k)fluoranthene	24.19	252	54361	3.351	ng/ul#	95
93) Benzo(a)pyrene	25.03	252	47929	3.310	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.01	276	22037	1.230	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.08	278	30922	2.078	ng/ul#	97
96) Benzo(g,h,i)perylene	30.23	276	25886	1.754	ng/ul#	85

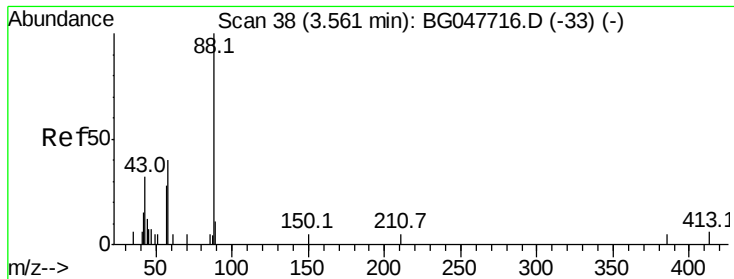
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.818 ng/uL

RT: 3.55 min Scan# 36

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

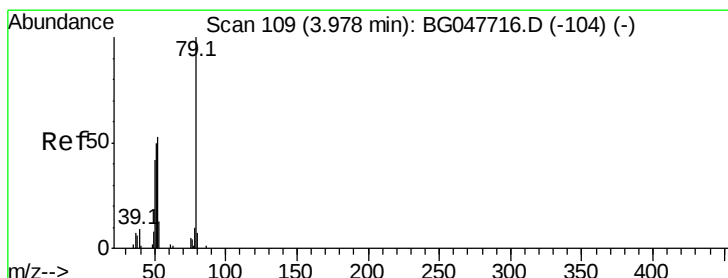
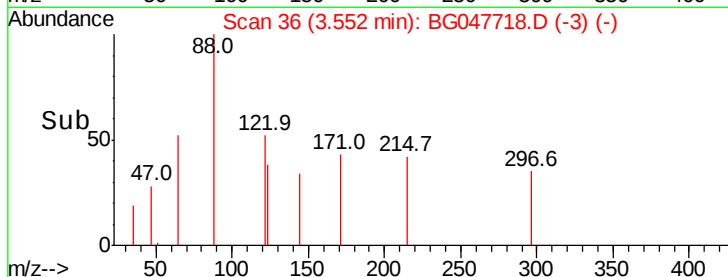
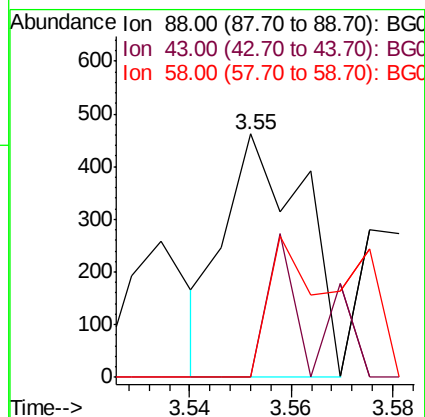
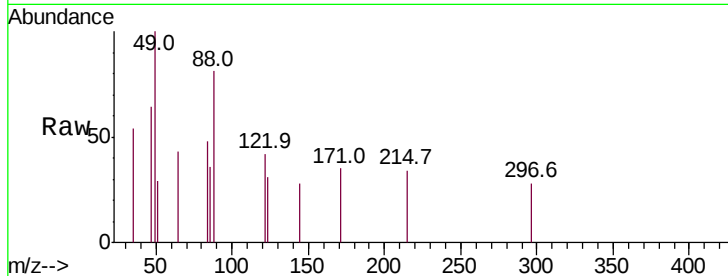
Tot Ion: 88 Resp: 499

Ion Ratio Lower Upper

88 100

43 0.0 40.6 61.0#

58 0.0 54.0 81.0#



#5

Pyridine

Concen: 2.838 ng/uL

RT: 3.99 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

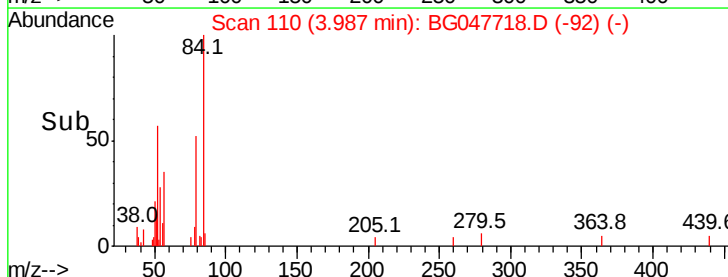
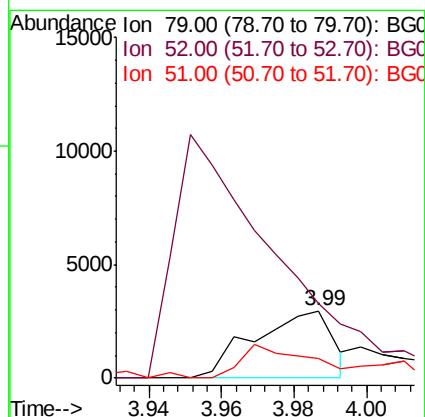
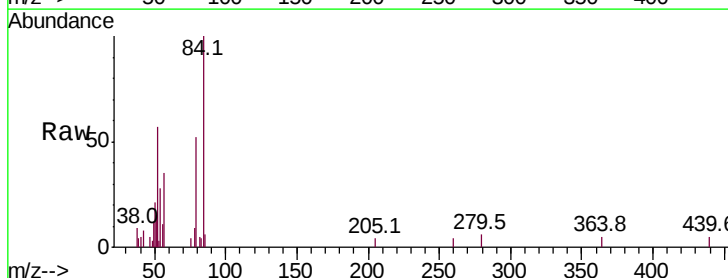
Tgt Ion: 79 Resp: 4470

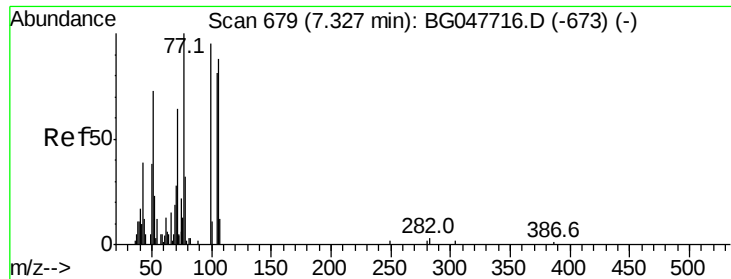
Ion Ratio Lower Upper

79 100

52 110.7 60.8 91.2#

51 29.8 42.4 63.6#





#6

Benzaldehyde

Concen: 5.841 ng/ul

RT: 7.33 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

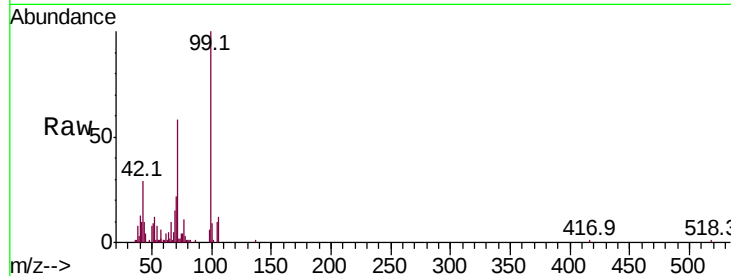
Tot Ion: 77 Resp: 5858

Ion Ratio Lower Upper

77 100

105 91.4 67.9 101.9

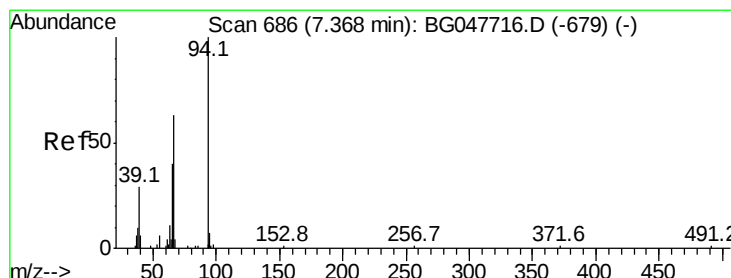
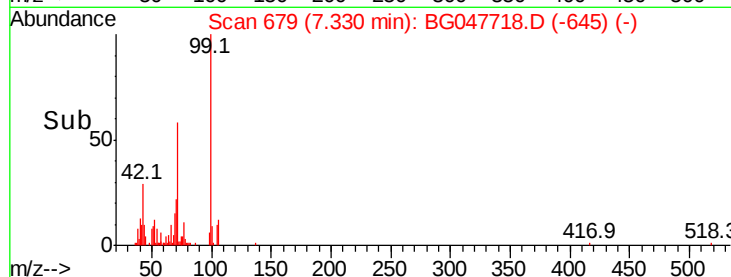
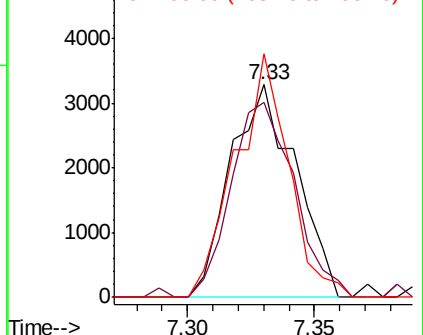
106 114.5 68.1 102.1#



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



#8

Phenol

Concen: 3.086 ng/ul

RT: 7.37 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

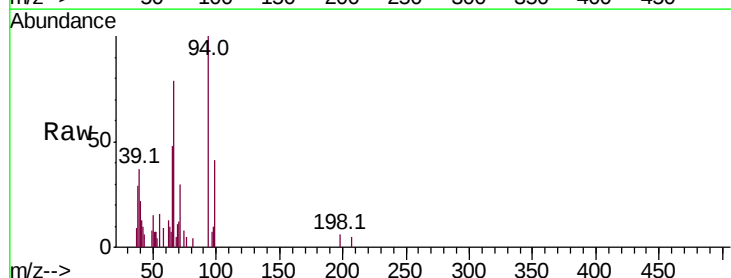
Tgt Ion: 94 Resp: 6619

Ion Ratio Lower Upper

94 100

65 47.6 37.2 55.8

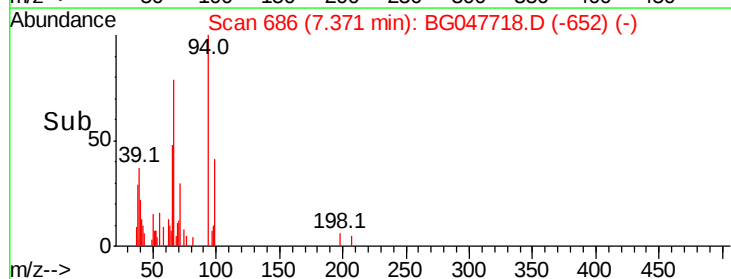
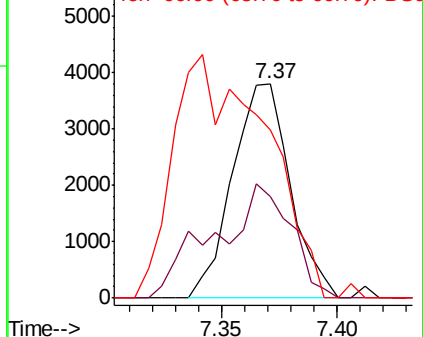
66 78.6 63.2 94.8

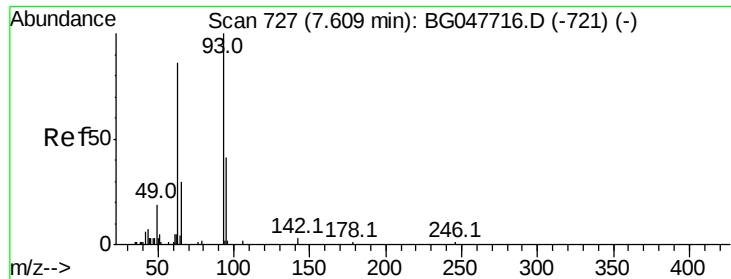


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

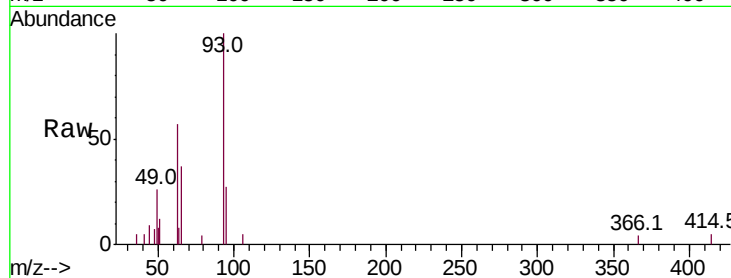




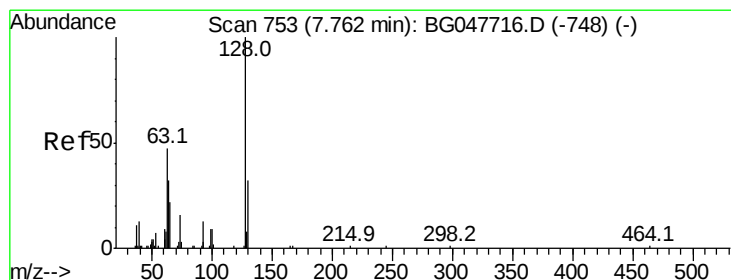
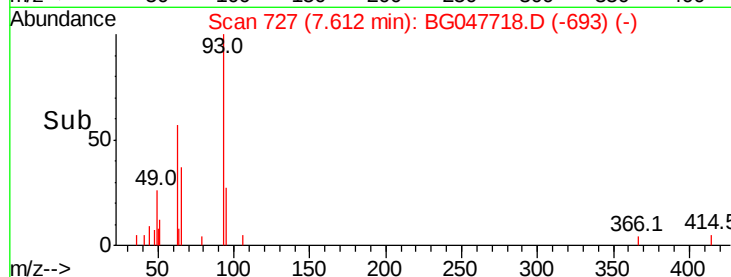
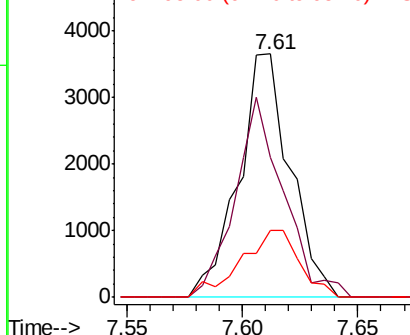
#10
Bis(2-Chloroethyl)ether
Concen: 3.814 ng/ul
RT: 7.61 min Scan# 727
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

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Tot Ion: 93 Resp: 5690
Ion Ratio Lower Upper
93 100
63 57.3 58.2 87.4#
95 27.3 23.4 35.2

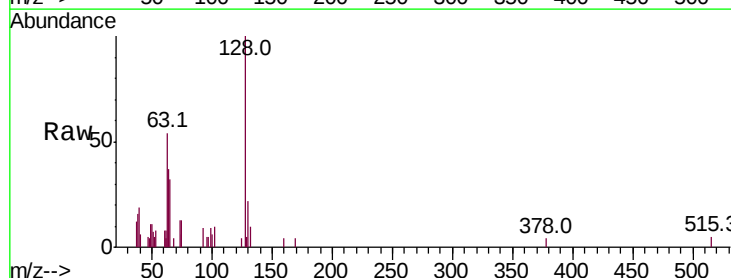


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

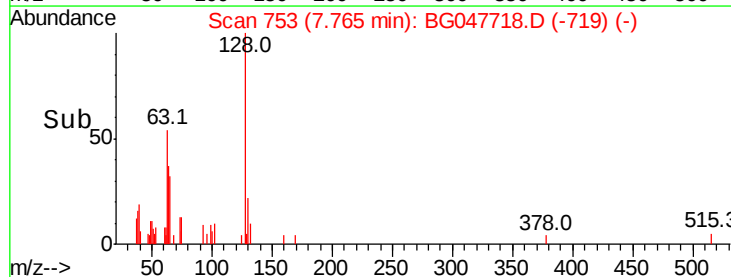
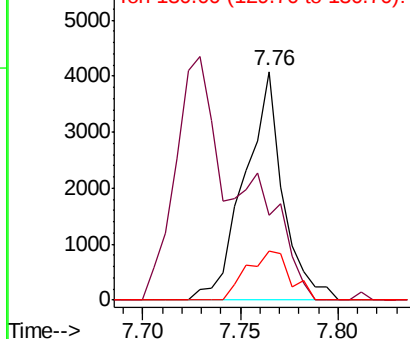


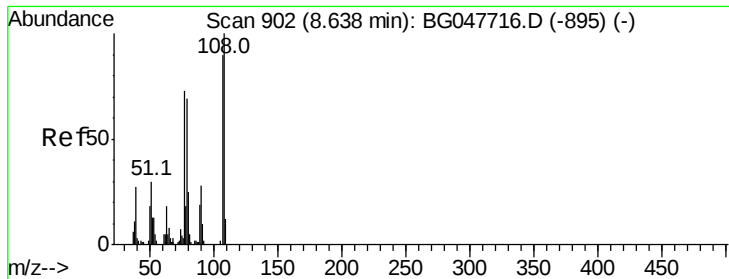
#12
2-Chlorophenol
Concen: 3.398 ng/ul
RT: 7.76 min Scan# 753
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion: 128 Resp: 5566
Ion Ratio Lower Upper
128 100
64 37.0 40.2 60.2#
130 21.8 24.6 36.8#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#13

2-Methylphenol

Concen: 3.382 ng/ul

RT: 8.64 min Scan# 902

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

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BNA_G

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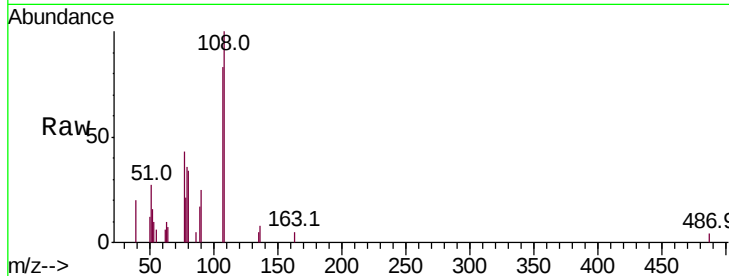
MDL-SOIL-01

Tot Ion:108 Resp: 5519

Ion Ratio Lower Upper

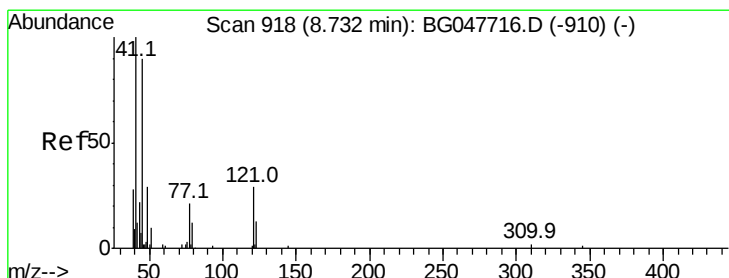
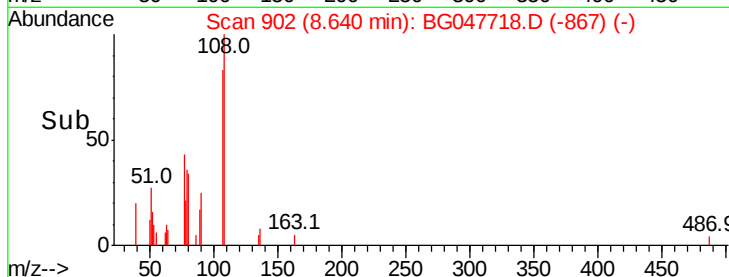
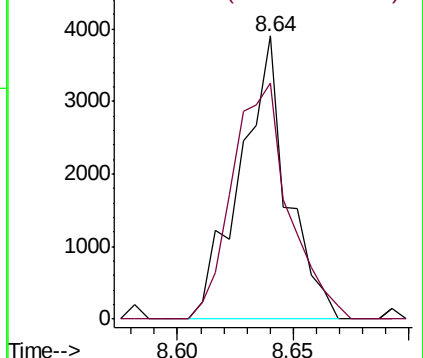
108 100

107 83.4 83.8 125.6#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.199 ng/ul

RT: 8.73 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

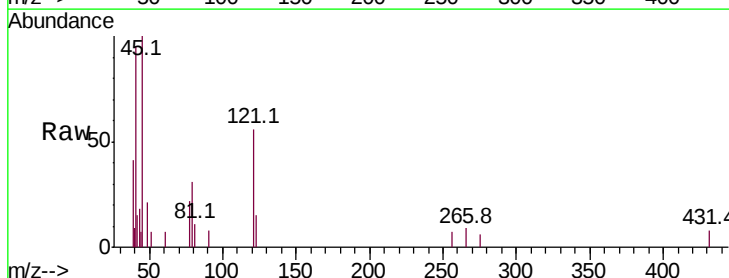
Tgt Ion: 45 Resp: 4442

Ion Ratio Lower Upper

45 100

77 22.5 18.3 27.5

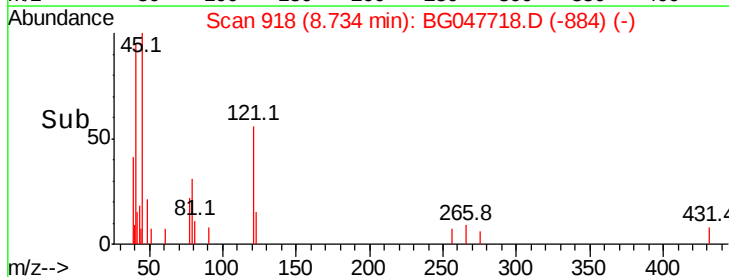
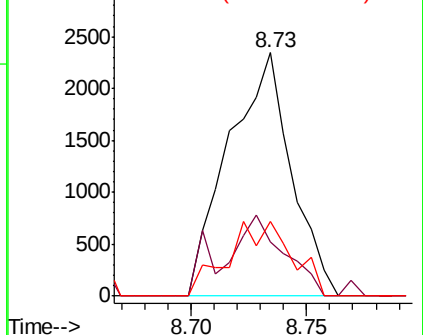
79 30.8 17.0 25.6#

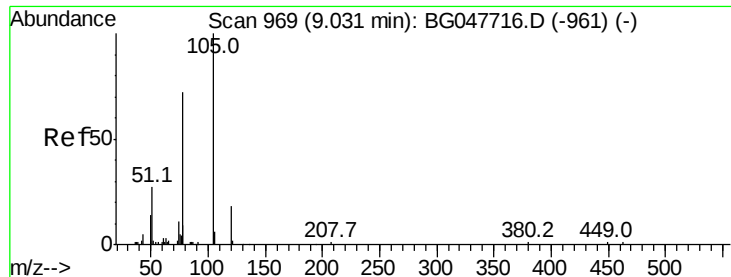


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#16

Acetophenone

Concen: 3.440 ng/ul

RT: 9.03 min Scan# 968

Delta R.T. -0.01 min

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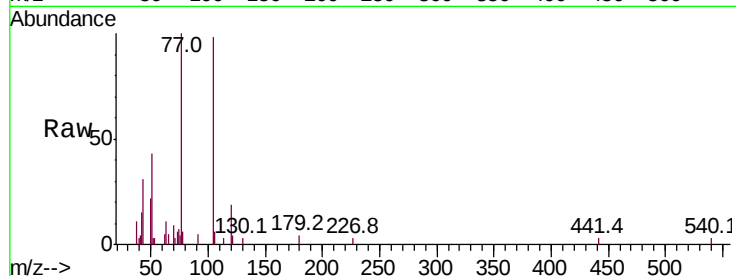
Tot Ion:105 Resp: 9593

Ion Ratio Lower Upper

105 100

77 102.0 64.5 96.7#

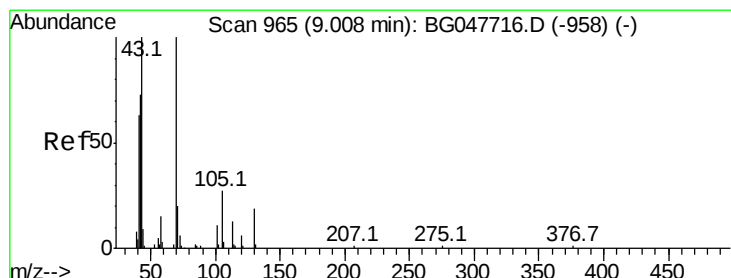
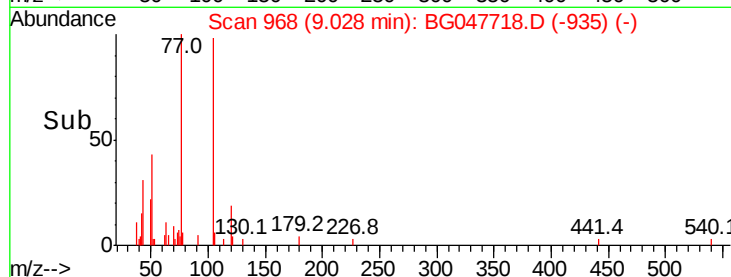
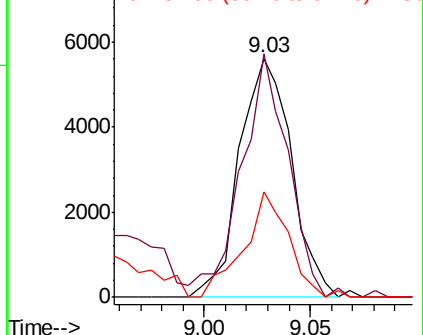
51 44.1 27.7 41.5#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#17

N-Nitroso-di-n-propylamine

Concen: 3.048 ng/ul

RT: 9.01 min Scan# 965

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion: 70 Resp: 4667

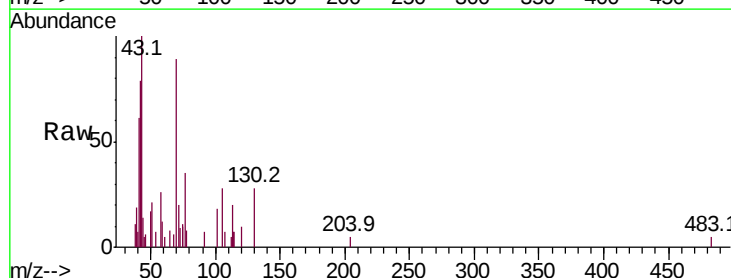
Ion Ratio Lower Upper

70 100

42 88.4 45.0 67.6#

101 20.4 7.0 10.4#

130 32.0 11.8 17.8#

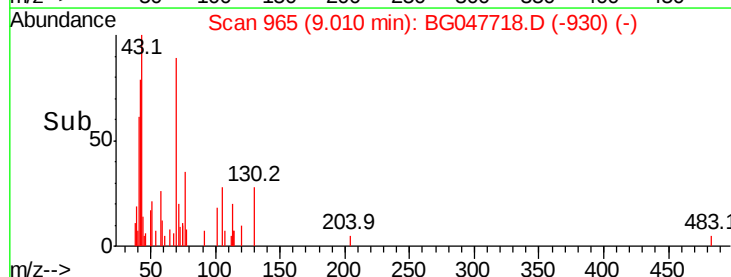
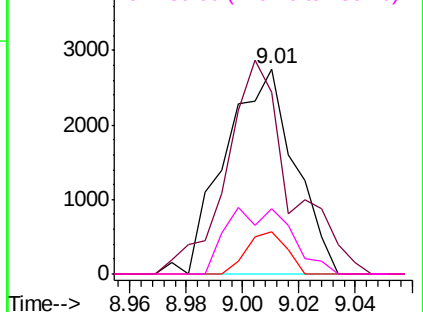


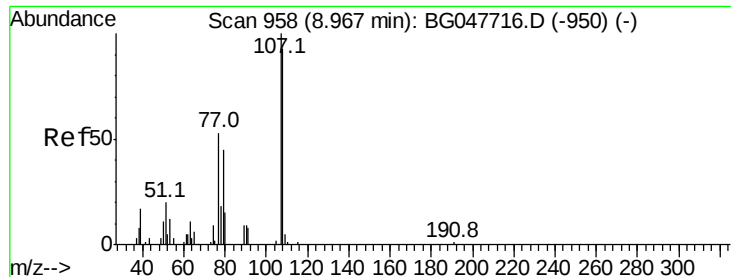
Abundance Ion 70.00 (69.70 to 70.70): BGC

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





#18

4-Methylphenol

Concen: 3.669 ng/ul

RT: 8.97 min Scan# 958

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

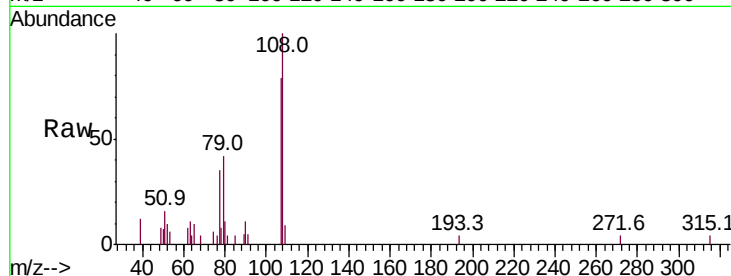
MDL-SOIL-01

Tot Ion:108 Resp: 6570

Ion Ratio Lower Upper

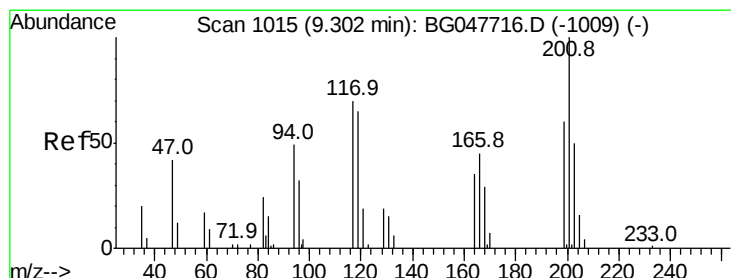
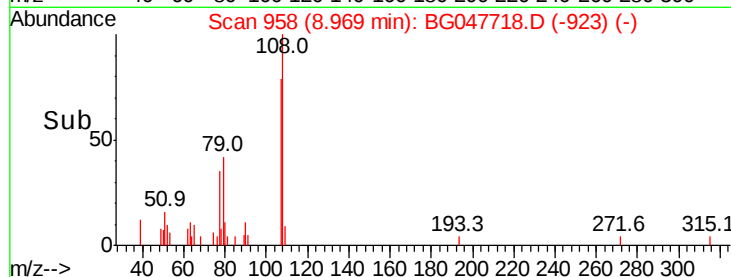
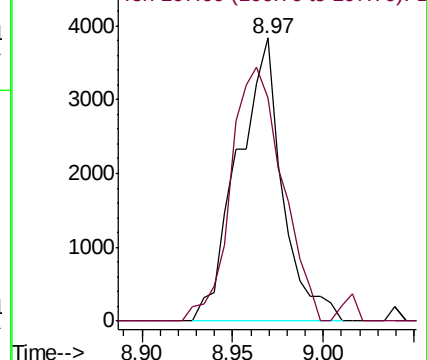
108 100

107 78.9 87.4 131.0#



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 3.374 ng/ul

RT: 9.30 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

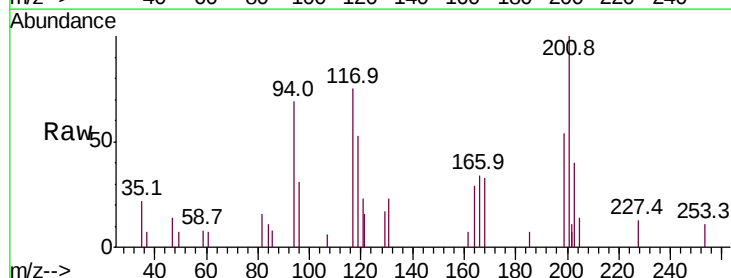
Tgt Ion:117 Resp: 2706

Ion Ratio Lower Upper

117 100

201 147.3 96.7 145.1#

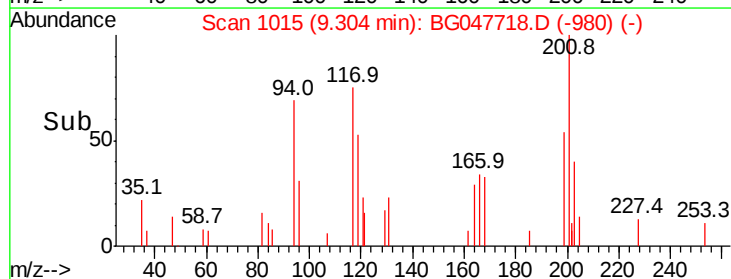
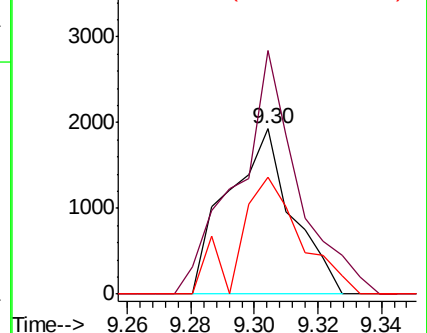
199 71.0 56.6 85.0

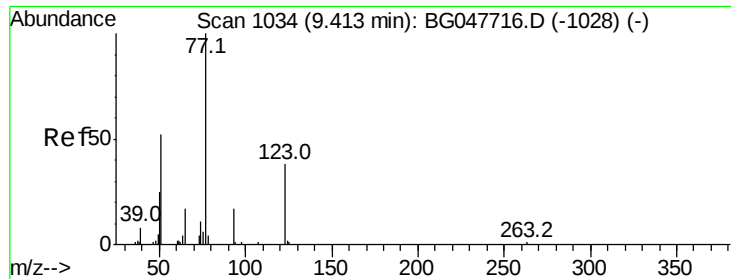


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#22

Nitrobenzene

Concen: 3.231 ng/ul

RT: 9.42 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

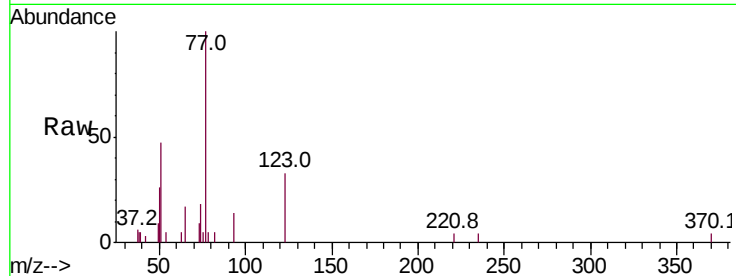
Tot Ion: 77 Resp: 8578

Ion Ratio Lower Upper

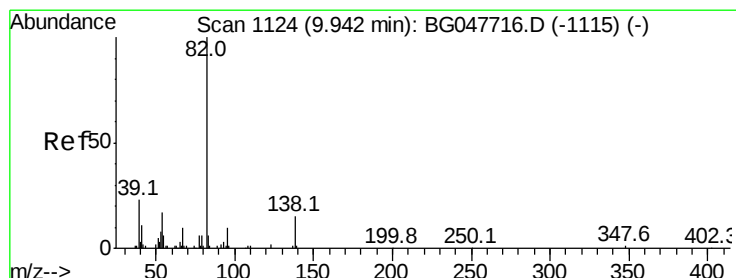
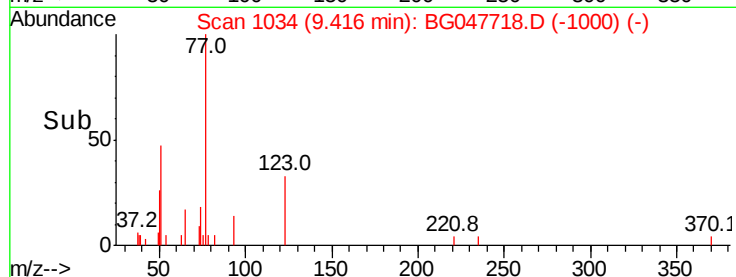
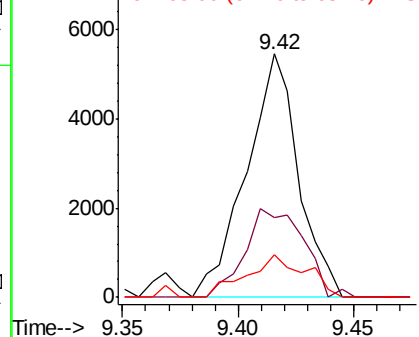
77 100

123 32.9 22.5 33.7

65 17.5 13.8 20.6



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



#23

Isophorone

Concen: 3.281 ng/ul

RT: 9.93 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

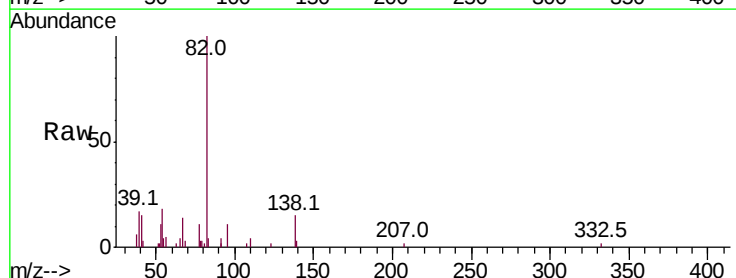
Tgt Ion: 82 Resp: 15130

Ion Ratio Lower Upper

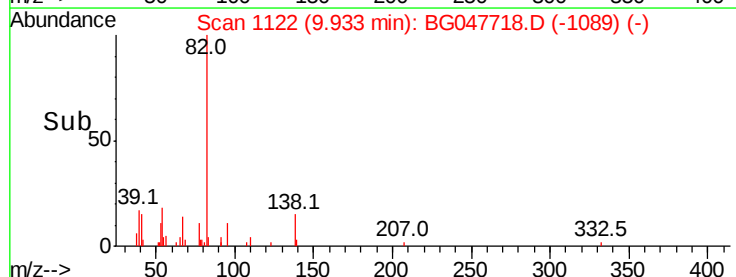
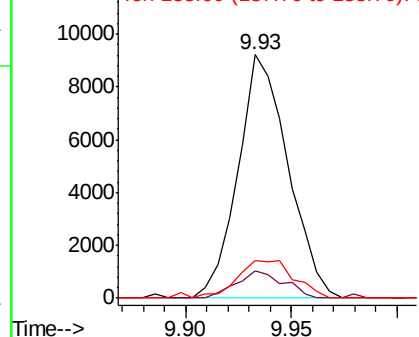
82 100

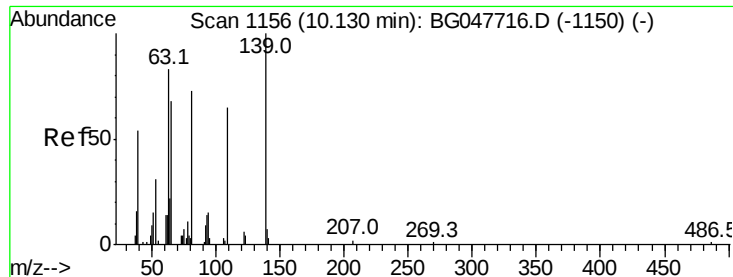
95 11.2 8.7 13.1

138 15.2 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC





#25

2-Nitrophenol

Concen: 3.382 ng/ul

RT: 10.13 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

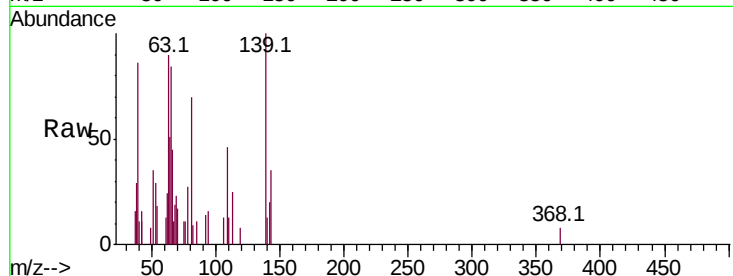
Tot Ion:139 Resp: 3587

Ion Ratio Lower Upper

139 100

65 83.7 58.7 88.1

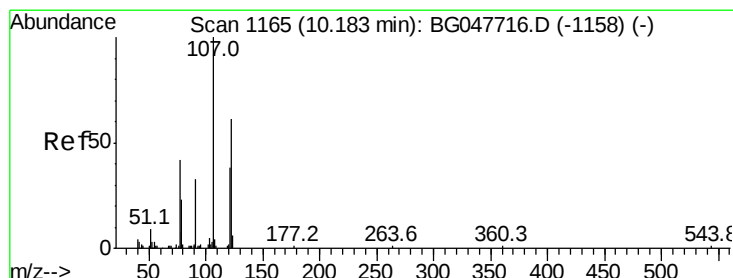
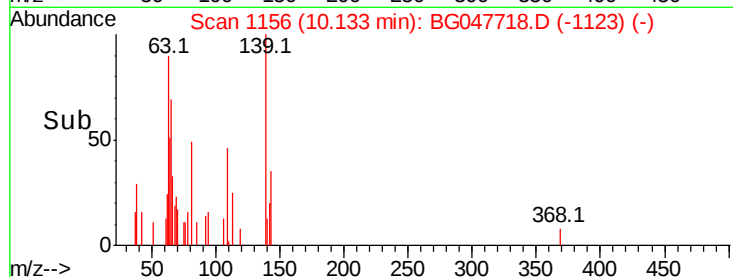
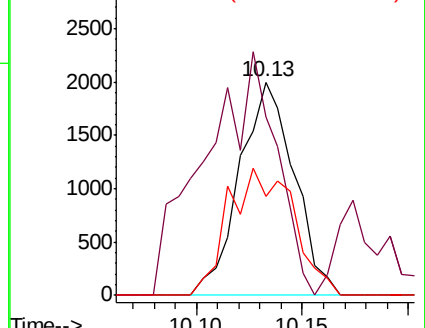
109 46.4 48.2 72.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 3.337 ng/ul

RT: 10.18 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

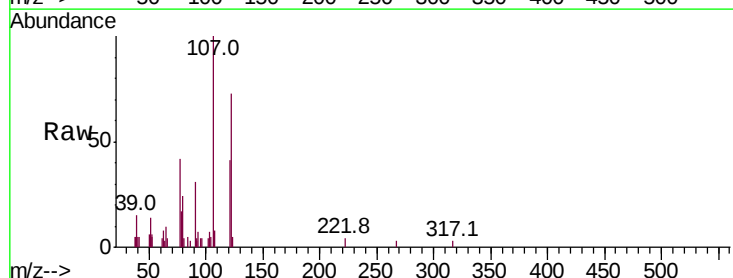
Tgt Ion:107 Resp: 8307

Ion Ratio Lower Upper

107 100

121 41.3 36.7 55.1

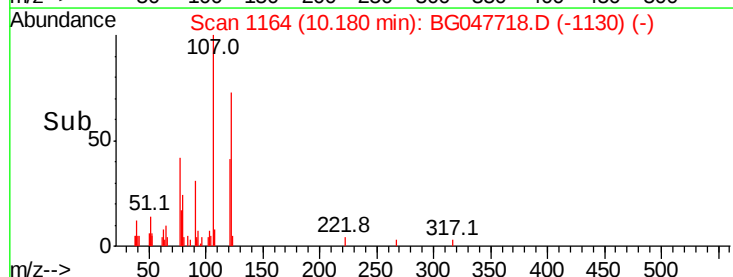
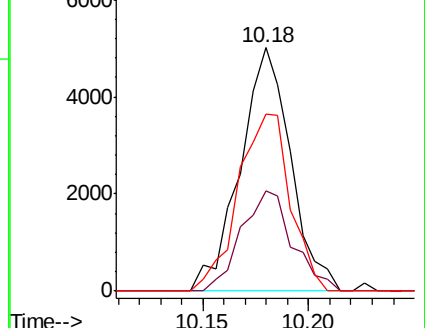
122 72.5 57.7 86.5

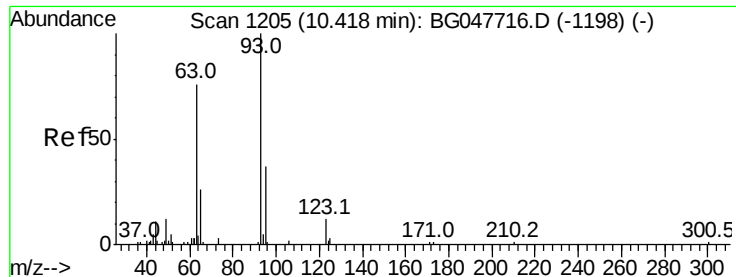


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Bis(2-Chloroethoxy)methane

Concen: 3.126 ng/ul

RT: 10.42 min Scan# 1205

Delta R.T. 0.00 min

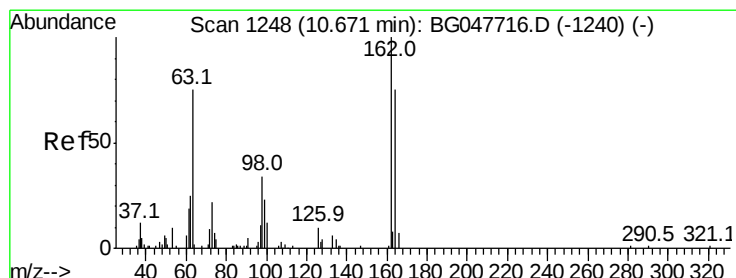
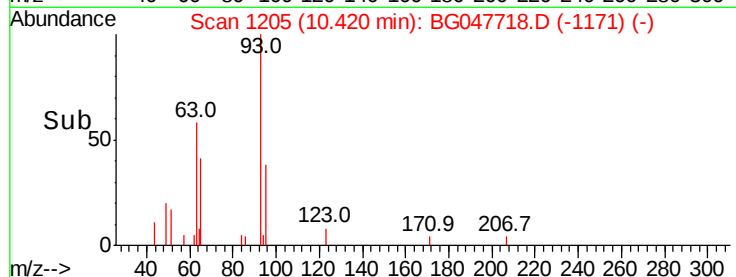
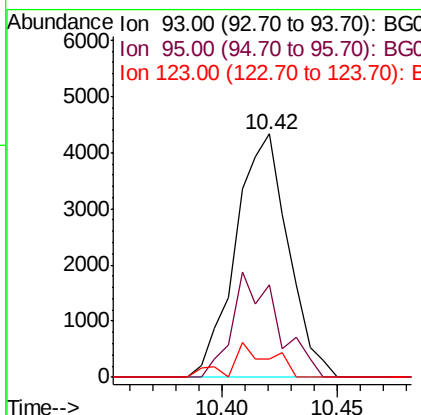
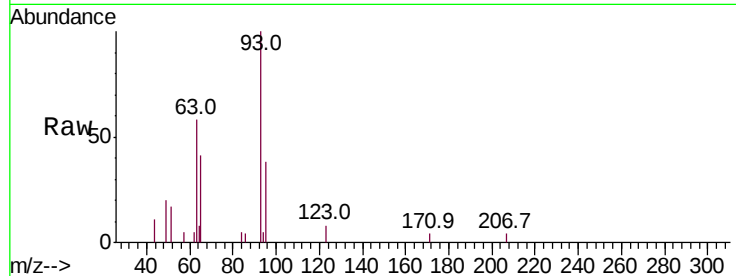
Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion: 93 Resp: 6879

Ion	Ratio	Lower	Upper
93	100		
95	38.0	23.4	35.2#
123	7.8	8.0	12.0#



#29

2,4-Dichlorophenol

Concen: 3.694 ng/ul

RT: 10.67 min Scan# 1248

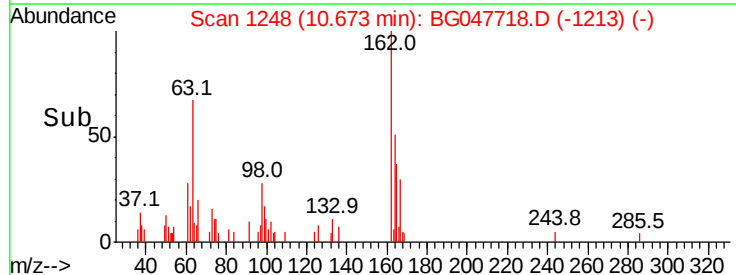
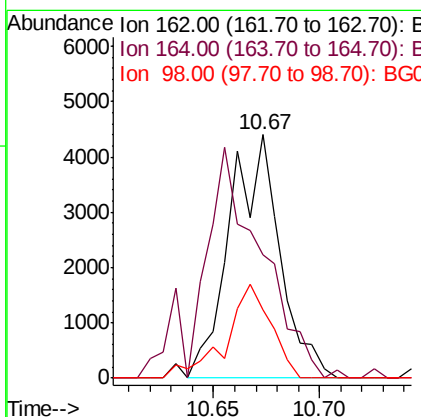
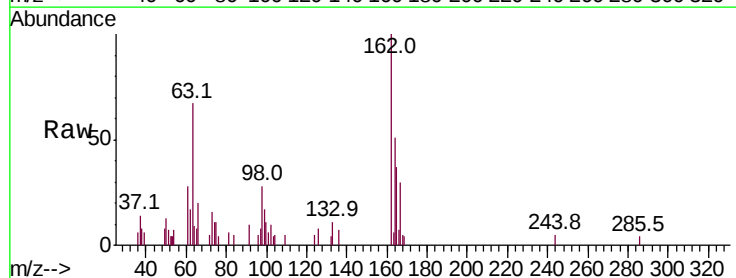
Delta R.T. 0.01 min

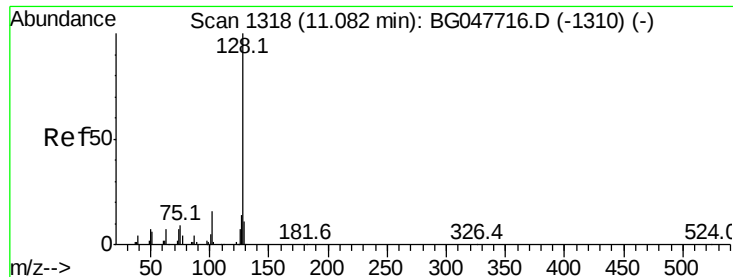
Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion: 162 Resp: 7266

Ion	Ratio	Lower	Upper
162	100		
164	50.6	48.7	73.1
98	28.0	27.3	40.9





#30

Naphthalene

Concen: 3.347 ng/ul

RT: 11.08 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

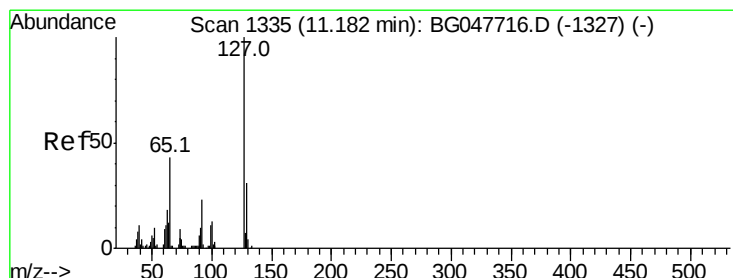
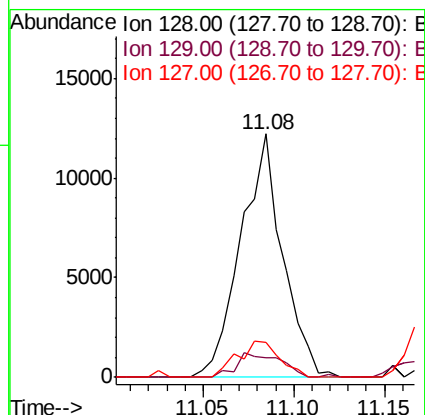
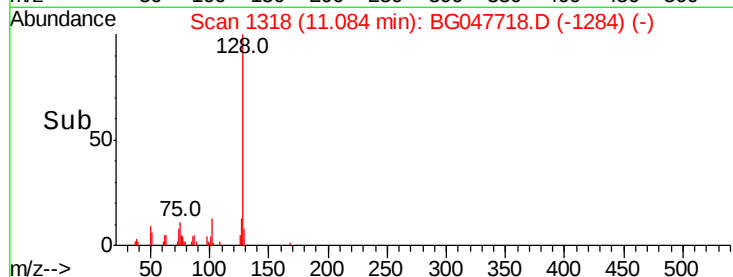
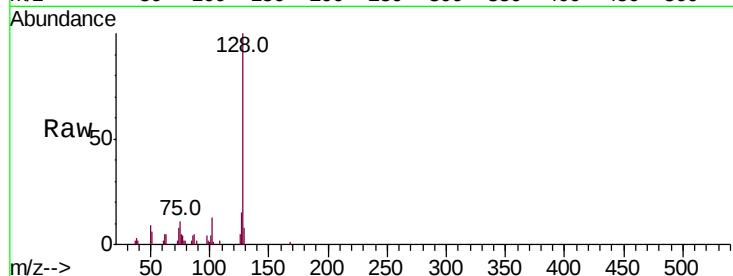
Tot Ion:128 Resp: 19597

Ion Ratio Lower Upper

128 100

129 7.9 9.3 13.9#

127 14.5 11.1 16.7



#32

4-Chloroaniline

Concen: 3.089 ng/ul

RT: 11.18 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BG047718.D

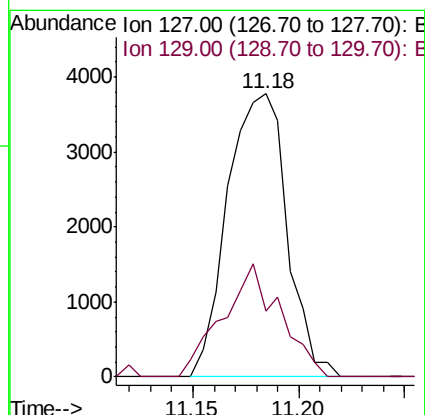
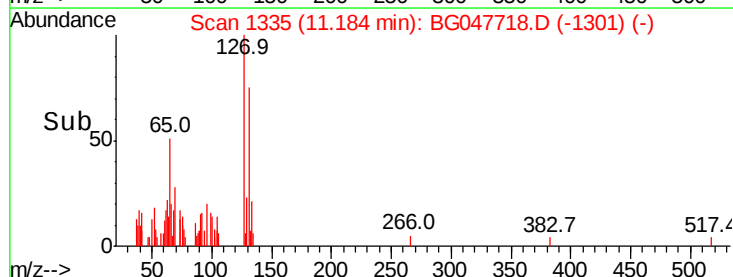
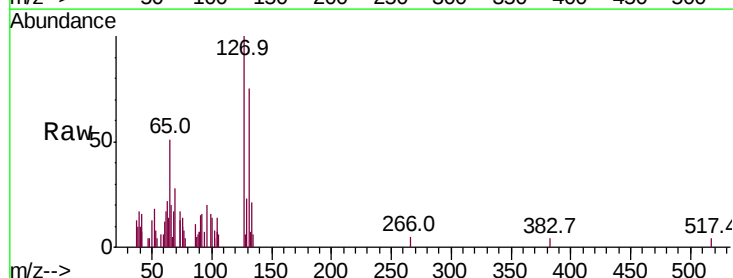
Acq: 11 Dec 2020 17:46

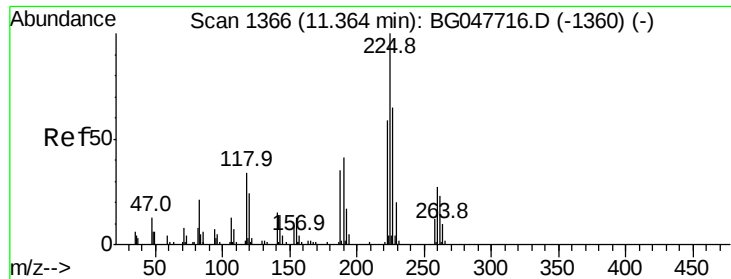
Tgt Ion:127 Resp: 7368

Ion Ratio Lower Upper

127 100

129 23.1 24.6 37.0#

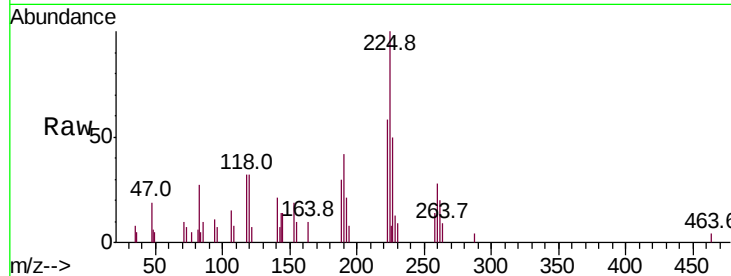




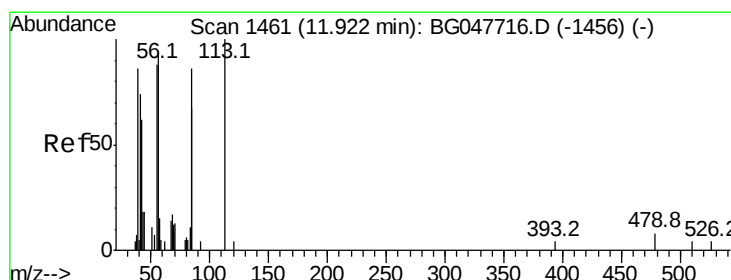
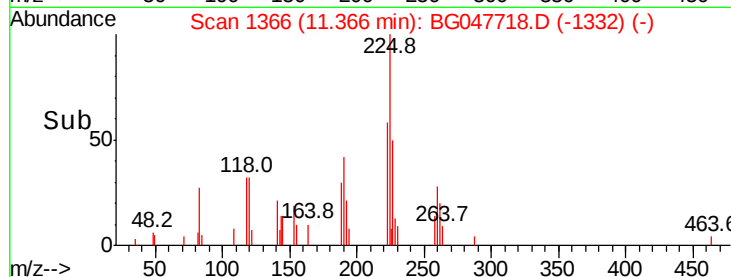
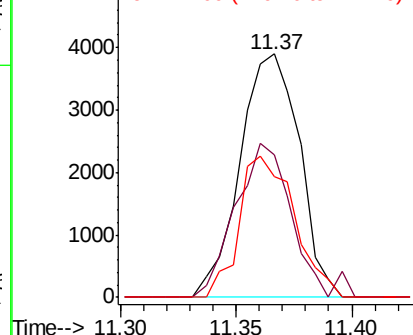
#33
Hexachlorobutadiene
Concen: 3.301 ng/ul
RT: 11.37 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion:225 Resp: 6971
Ion Ratio Lower Upper
225 100
223 58.3 57.4 86.0
227 49.8 59.2 88.8#

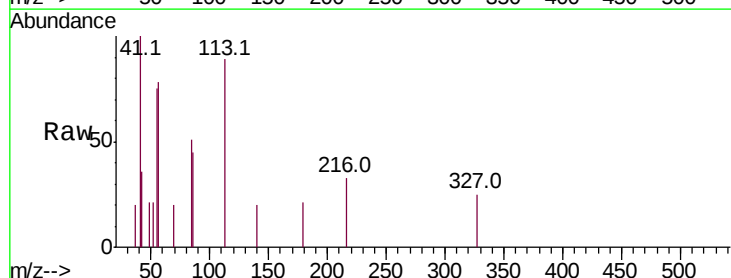


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

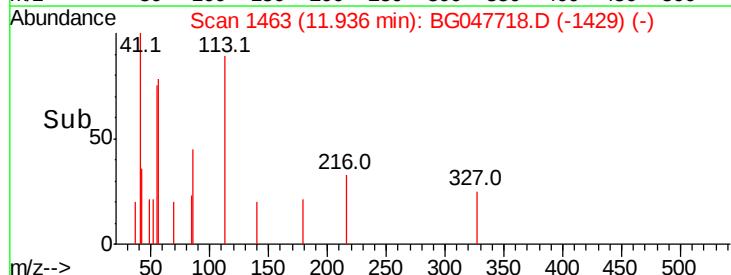
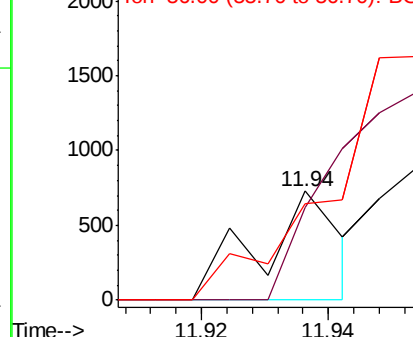


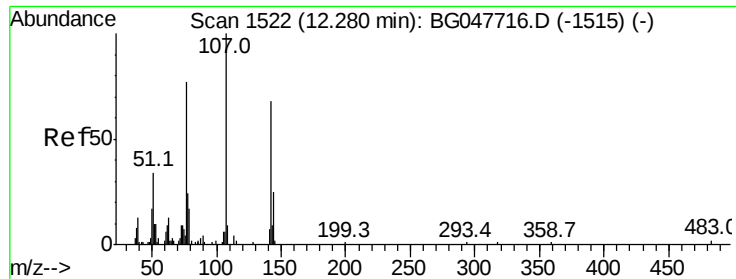
#34
Caprolactam
Concen: 0.947 ng/ul
RT: 11.94 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion:113 Resp: 631
Ion Ratio Lower Upper
113 100
55 84.9 65.1 97.7
56 88.2 63.1 94.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

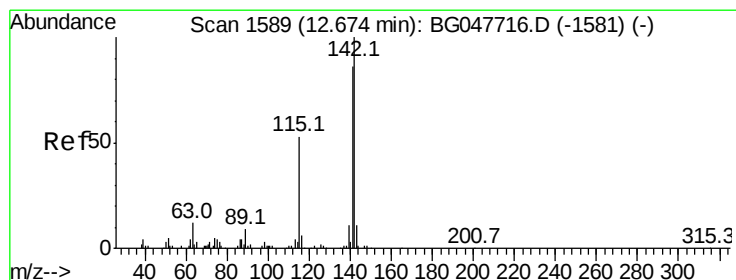
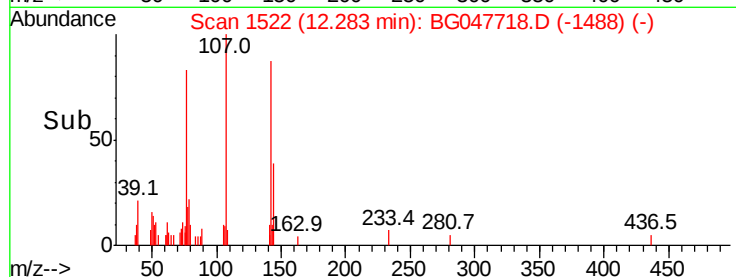
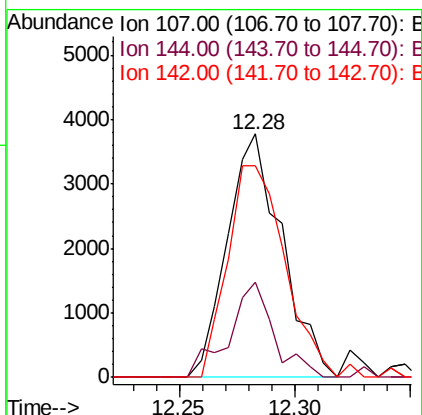
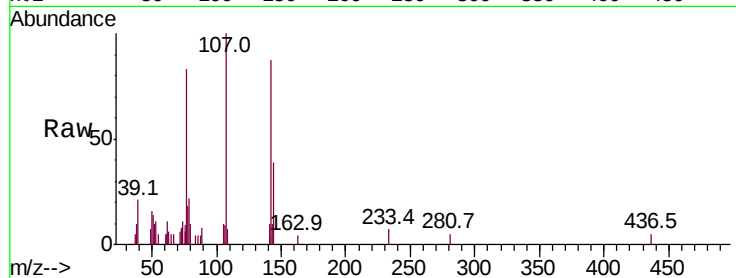




#35
4-Chloro-3-methylphenol
Concen: 2.864 ng/ul
RT: 12.28 min Scan# 1522
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

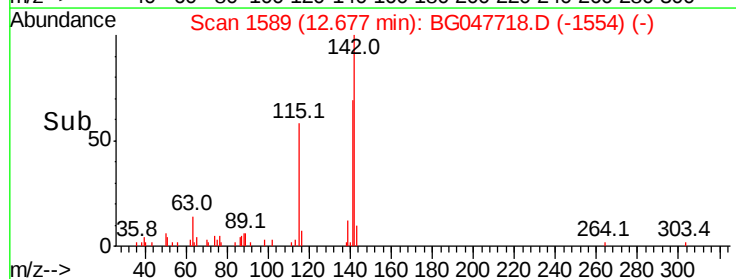
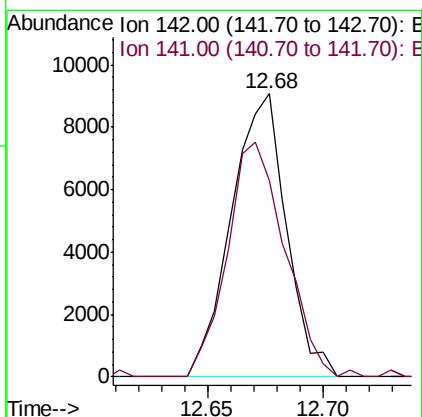
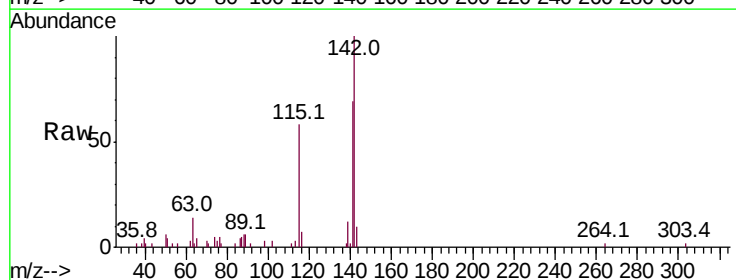
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

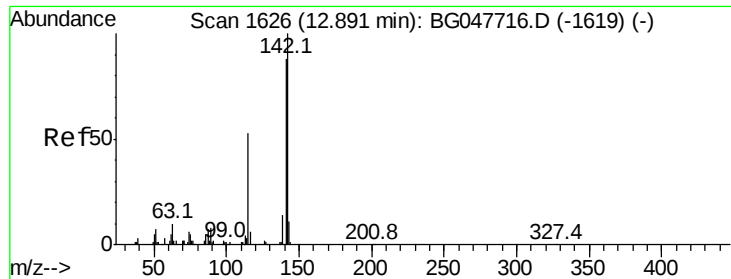
Tot Ion:107 Resp: 6209
Ion Ratio Lower Upper
107 100
144 39.2 14.6 22.0#
142 86.8 47.7 71.5#



#36
2-Methylnaphthalene
Concen: 3.406 ng/ul
RT: 12.68 min Scan# 1589
Delta R.T. 0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion:142 Resp: 15044
Ion Ratio Lower Upper
142 100
141 69.2 67.0 100.6





#37

1-Methylnaphthalene

Concen: 3.243 ng/ul

RT: 12.89 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

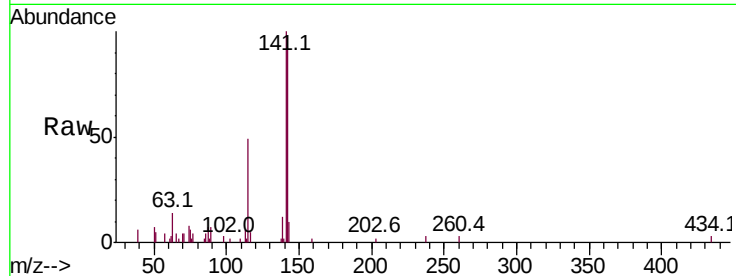
Tot Ion:142 Resp: 13688

Ion Ratio Lower Upper

142 100

141 108.6 74.6 112.0

116 5.6 4.4 6.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12000

10000

8000

6000

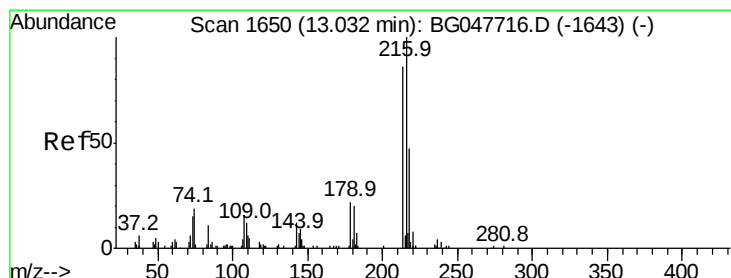
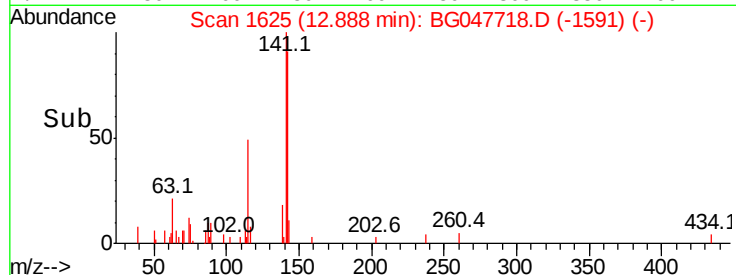
4000

2000

0

Time-->

12.85 12.90



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.248 ng/ul

RT: 13.03 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Tgt Ion:216 Resp: 11368

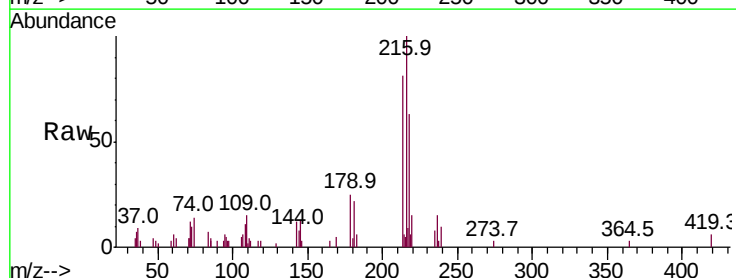
Ion Ratio Lower Upper

216 100

214 87.0 69.7 104.5

179 25.2 15.2 22.8#

108 10.8 13.8 20.6#



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

10000

8000

6000

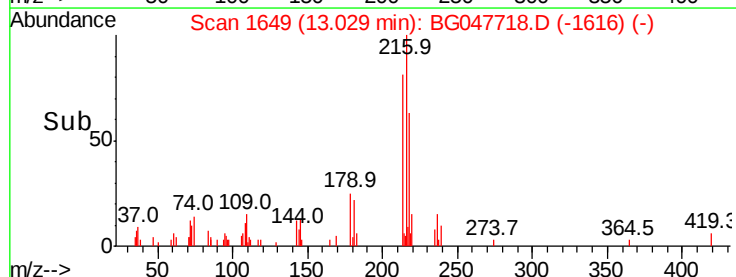
4000

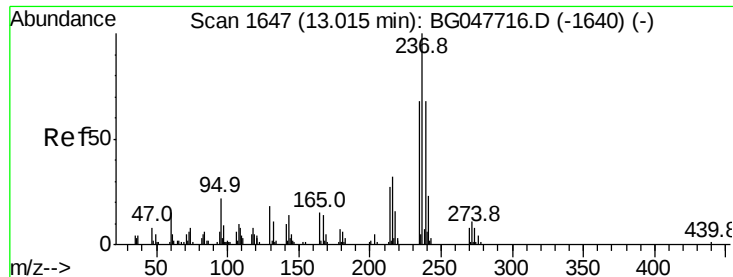
2000

0

Time-->

13.00 13.05

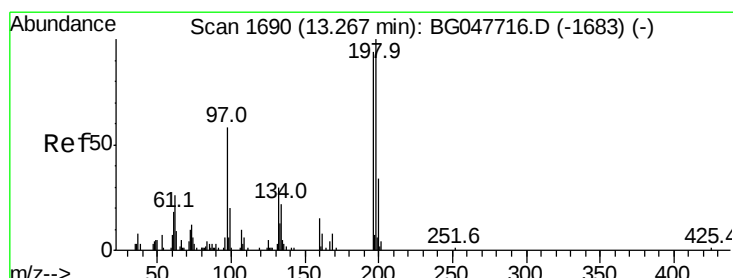
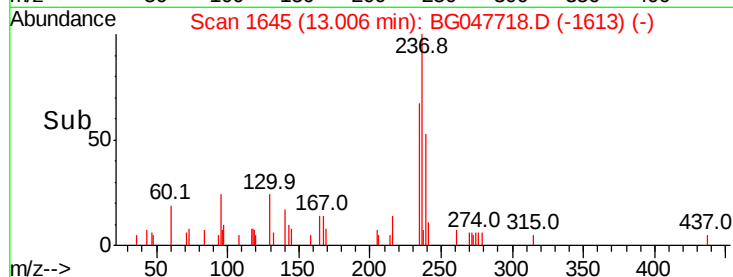
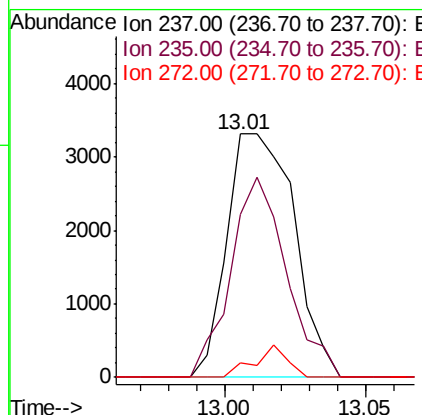
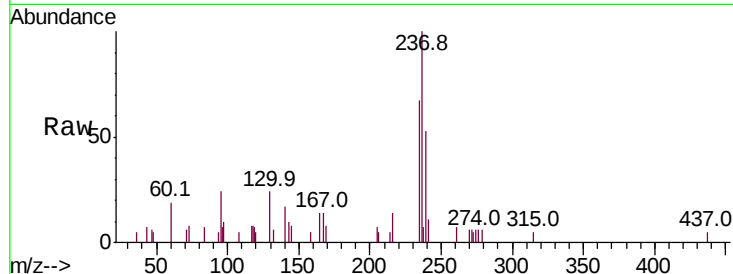




#40
Hexachlorocyclopentadiene
Concen: 2.380 ng/ul
RT: 13.01 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

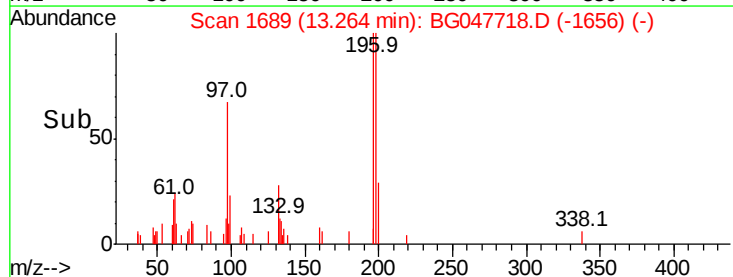
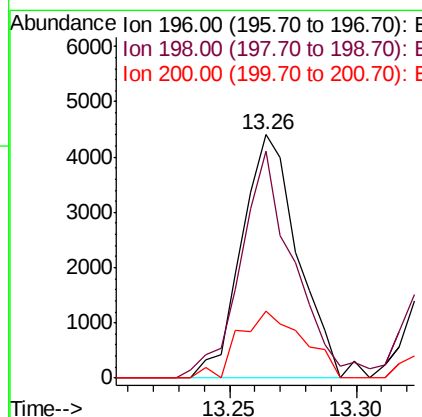
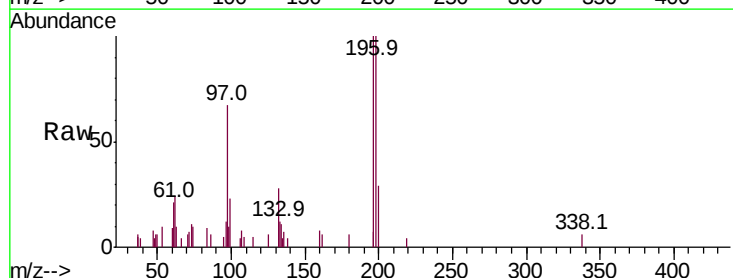
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

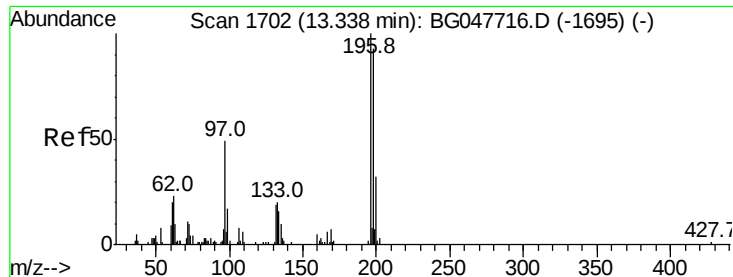
Tot Ion:237 Resp: 5461
Ion Ratio Lower Upper
237 100
235 67.2 49.4 74.0
272 10.6 8.4 12.6



#41
2,4,6-Trichlorophenol
Concen: 3.218 ng/ul
RT: 13.26 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion:196 Resp: 6754
Ion Ratio Lower Upper
196 100
198 93.3 77.6 116.4
200 27.3 27.0 40.6

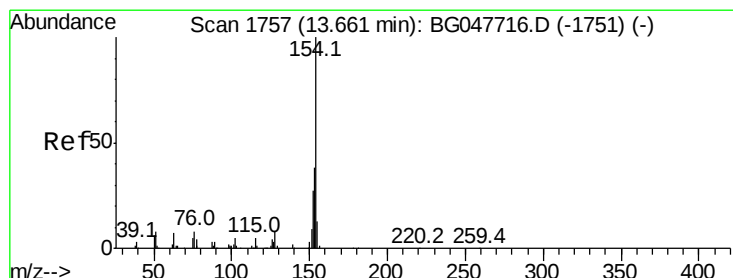
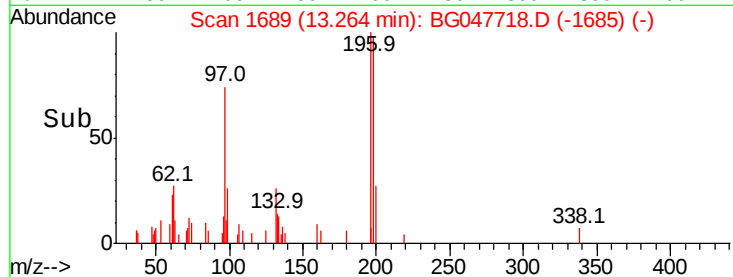
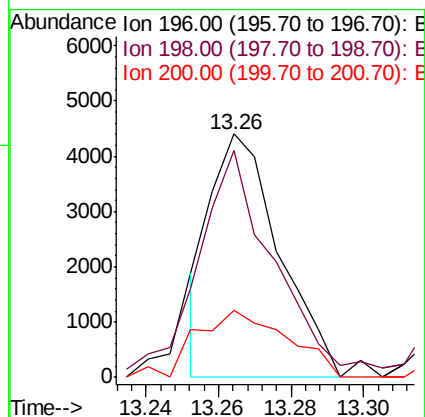
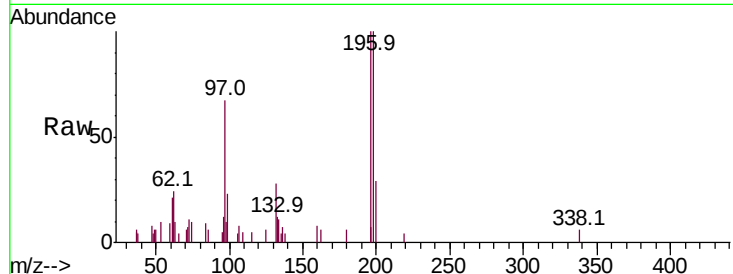




#42
 2,4,5-Trichlorophenol
 Concen: 2.615 ng/ul
 RT: 13.26 min Scan# 1689
 Delta R.T. -0.08 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

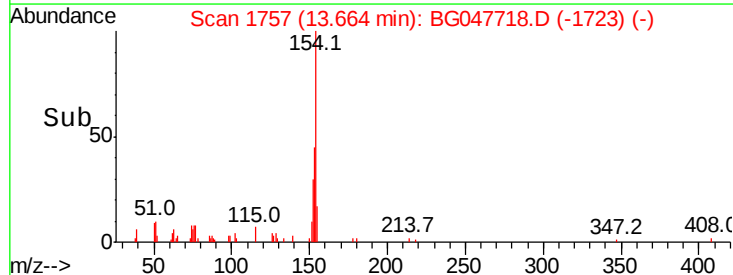
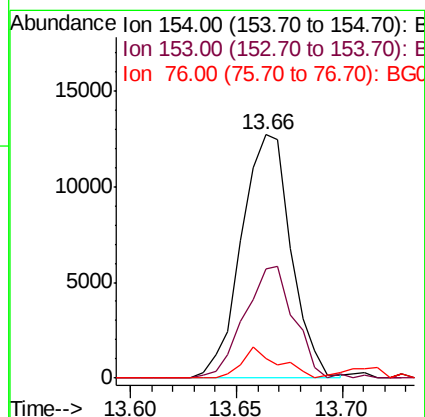
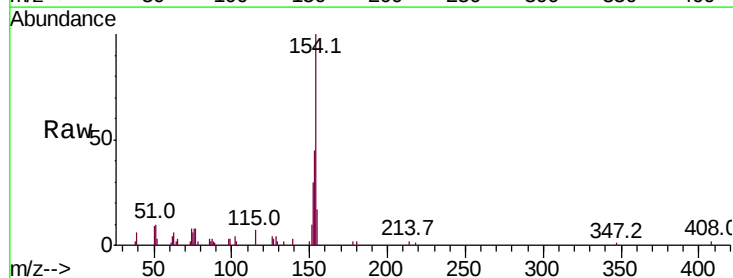
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-01

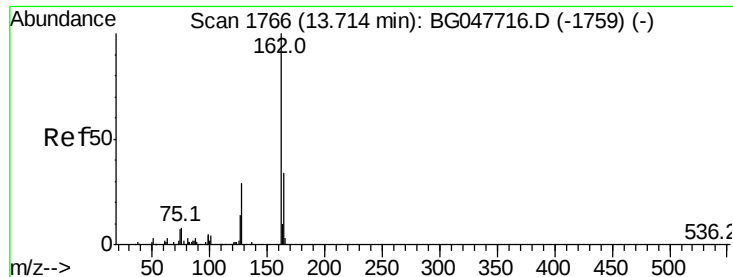
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	76.5	114.7
200	27.3	23.4	35.0



#43
 1,1'-Biphenyl
 Concen: 3.164 ng/ul
 RT: 13.66 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.0	33.8	50.6
76	8.1	7.5	11.3

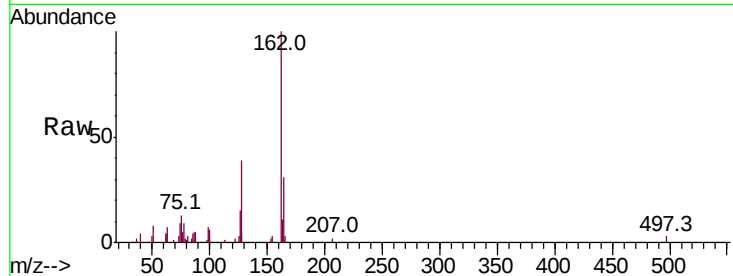




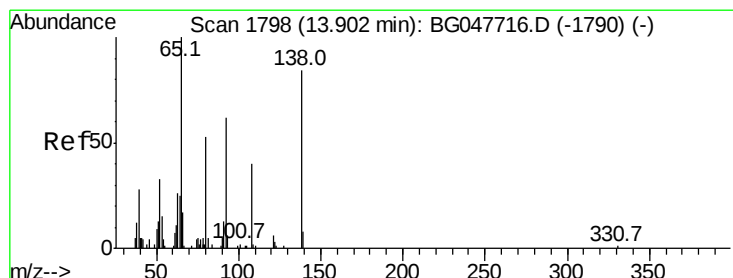
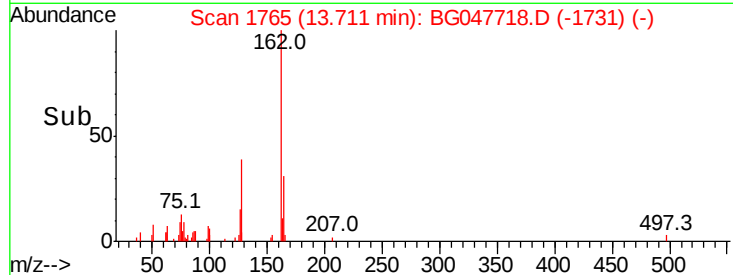
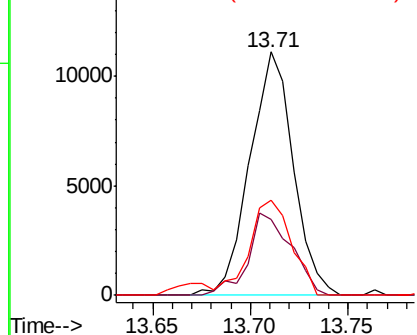
#44
2-Chloronaphthalene
Concen: 3.313 ng/ul
RT: 13.71 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion	Ratio	Lower	Upper
162	100		
164	31.2	27.8	41.6
127	39.3	30.8	46.2

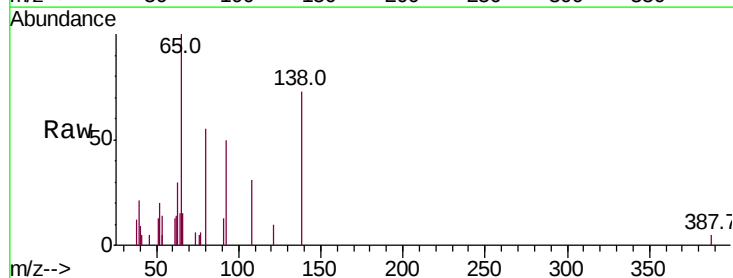


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

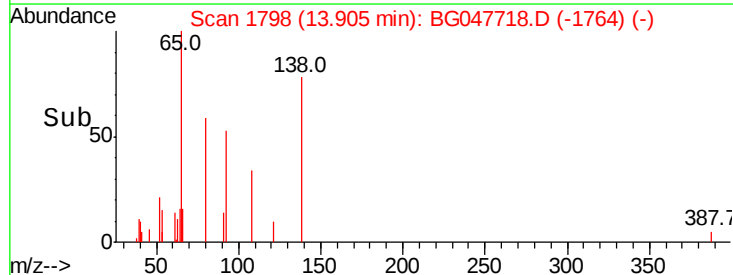
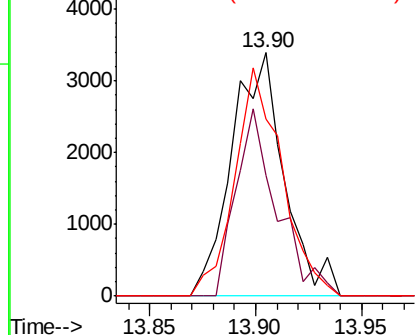


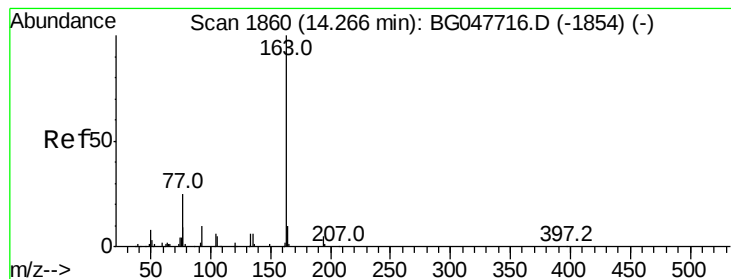
#45
2-Nitroaniline
Concen: 3.289 ng/ul
RT: 13.90 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	49.8	45.8	68.6
138	72.8	71.1	106.7



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): E





#47

Dimethylphthalate

Concen: 3.268 ng/ul

RT: 14.26 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

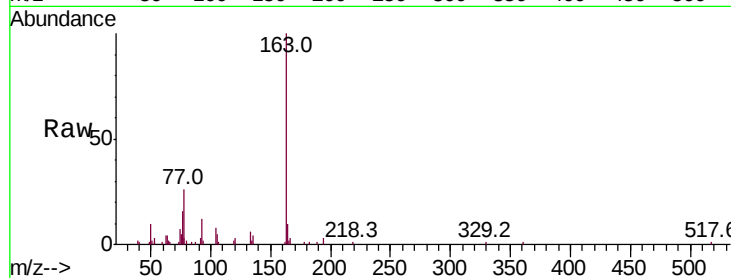
Tot Ion:163 Resp: 23488

Ion Ratio Lower Upper

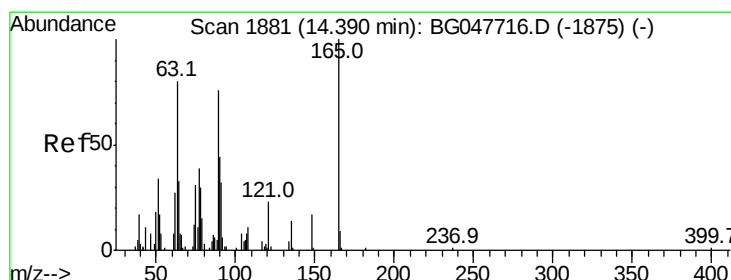
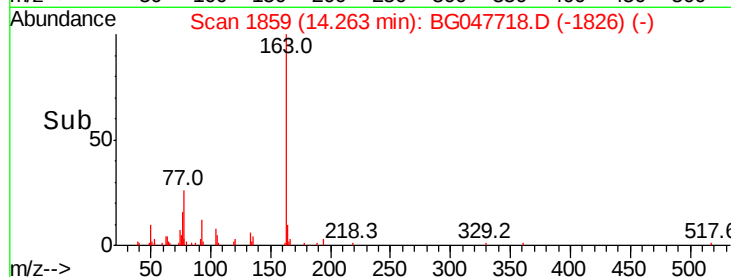
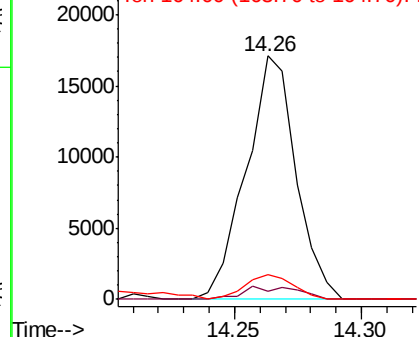
163 100

194 3.1 3.4 5.2#

164 10.2 8.1 12.1



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



#48

2,6-Dinitrotoluene

Concen: 3.249 ng/ul

RT: 14.39 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

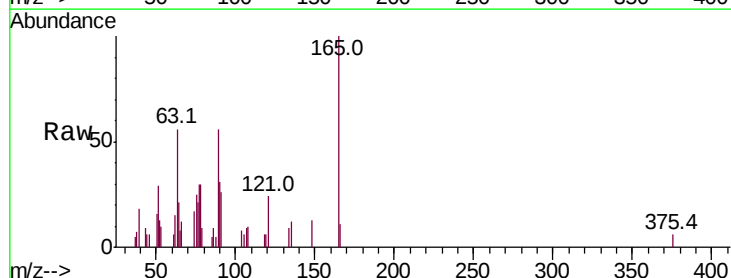
Tgt Ion:165 Resp: 4934

Ion Ratio Lower Upper

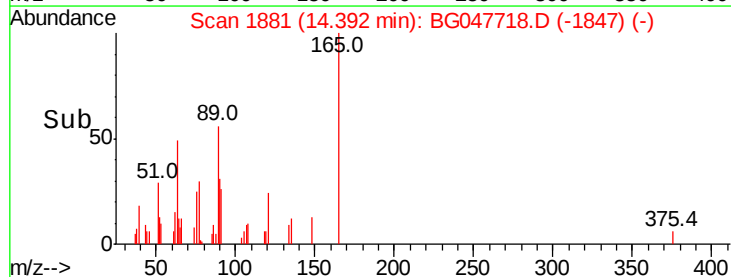
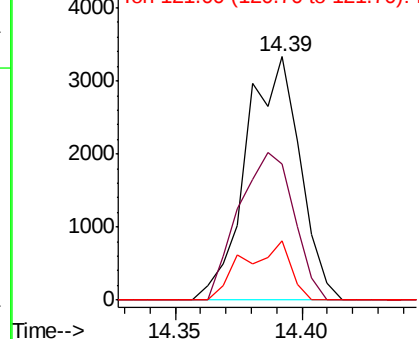
165 100

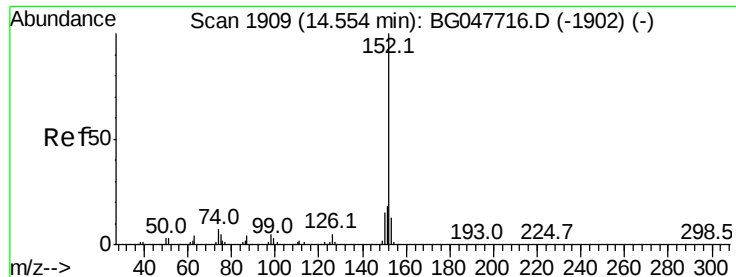
89 56.0 60.7 91.1#

121 24.4 18.1 27.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BG
Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 3.223 ng/ul

RT: 14.56 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

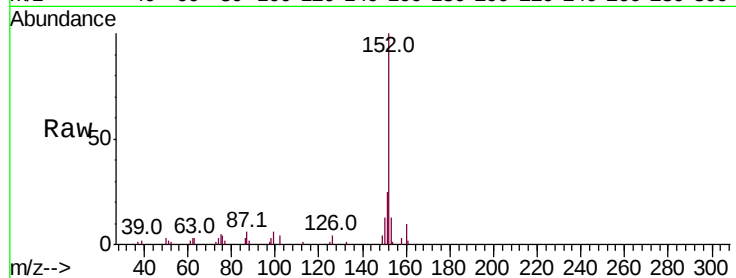
Tot Ion:152 Resp: 24357

Ion Ratio Lower Upper

152 100

151 25.4 15.3 22.9#

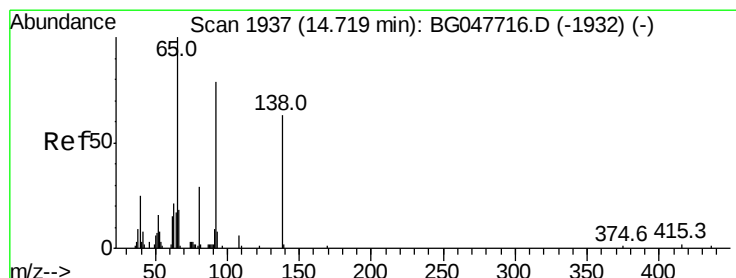
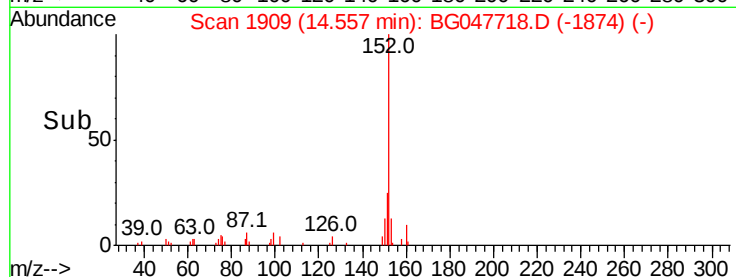
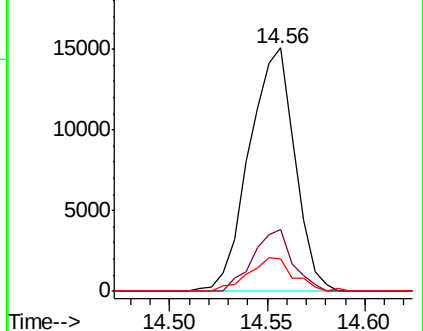
153 13.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

3-Nitroaniline

Concen: 3.507 ng/ul

RT: 14.72 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

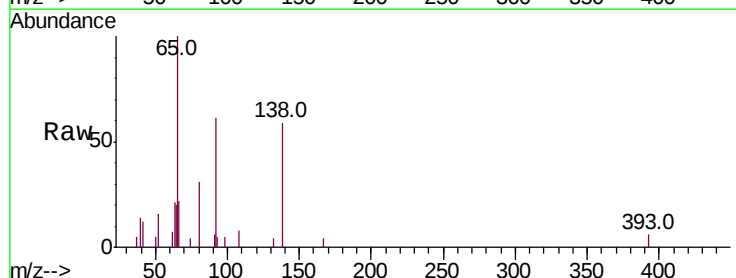
Tgt Ion:138 Resp: 3824

Ion Ratio Lower Upper

138 100

108 13.4 11.9 17.9

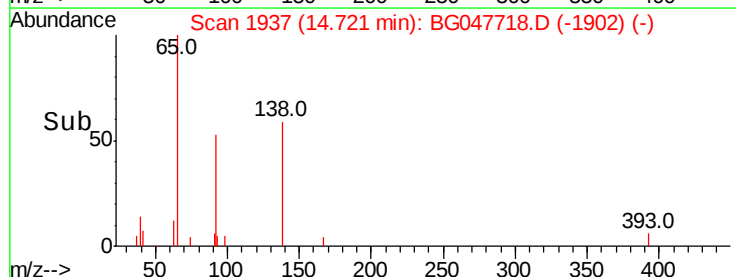
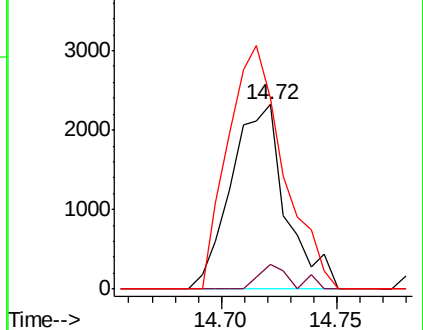
92 103.4 97.7 146.5

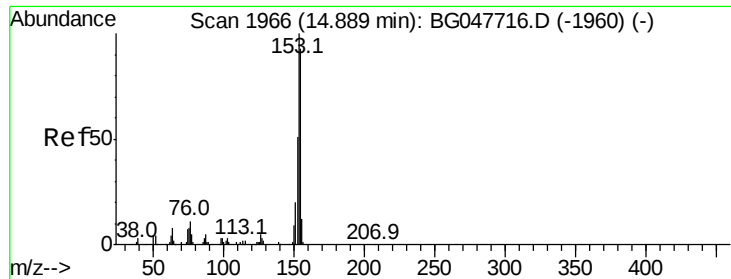


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#52

Acenaphthene

Concen: 3.049 ng/ul

RT: 14.89 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

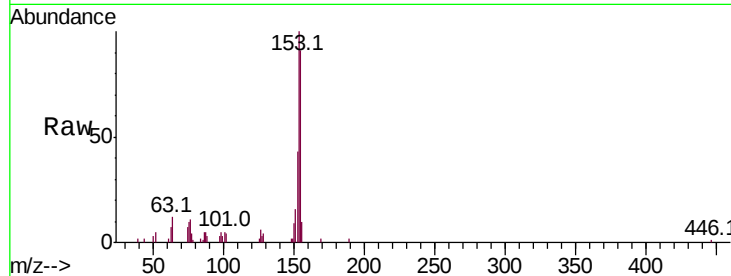
Tot Ion:153 Resp: 16380

Ion Ratio Lower Upper

153 100

152 43.1 34.8 52.2

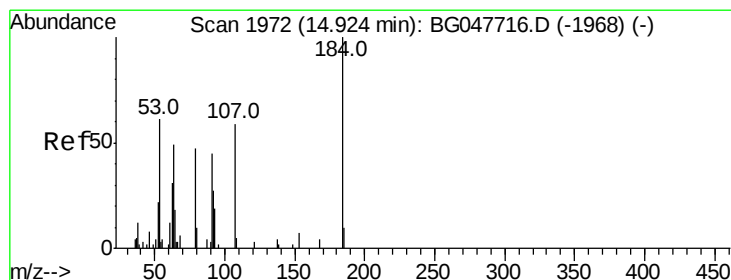
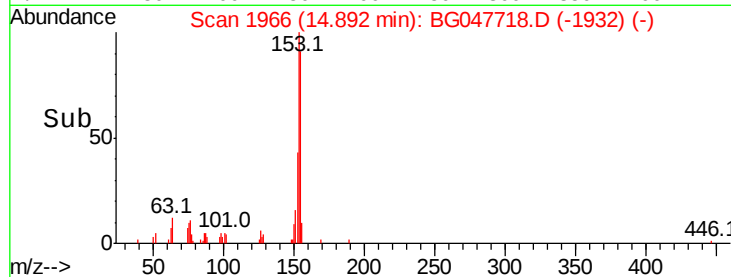
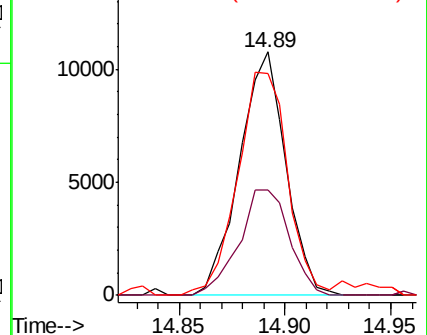
154 91.3 71.2 106.8



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



#53

2,4-Dinitrophenol

Concen: 1.290 ng/ul

RT: 14.93 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

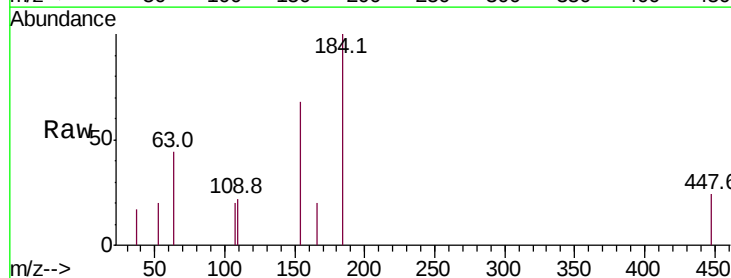
Tgt Ion:184 Resp: 1162

Ion Ratio Lower Upper

184 100

63 43.9 46.5 69.7#

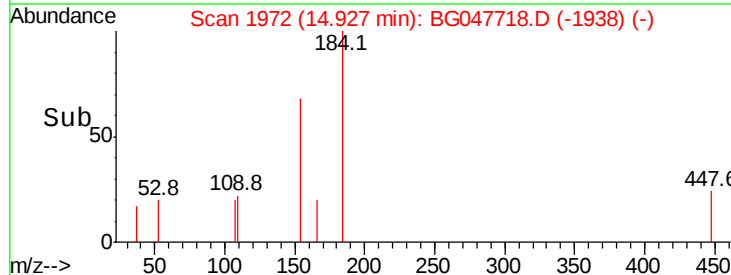
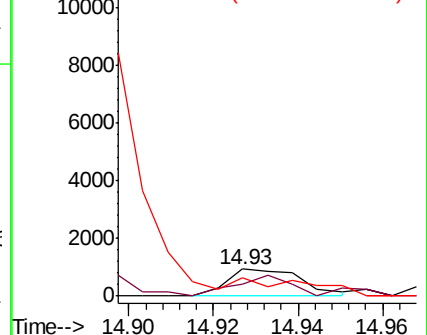
154 67.6 58.4 87.6

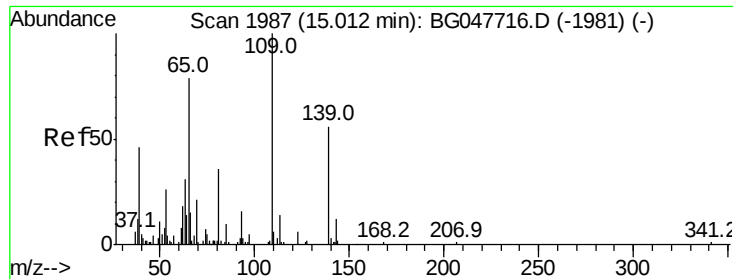


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

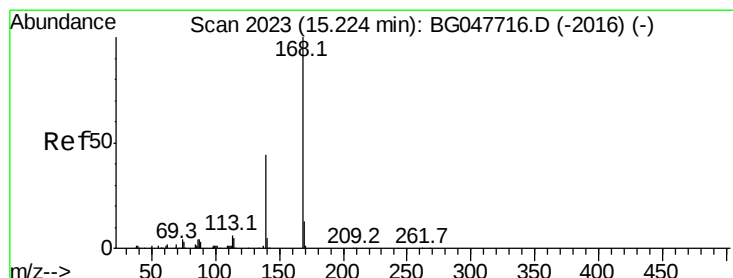
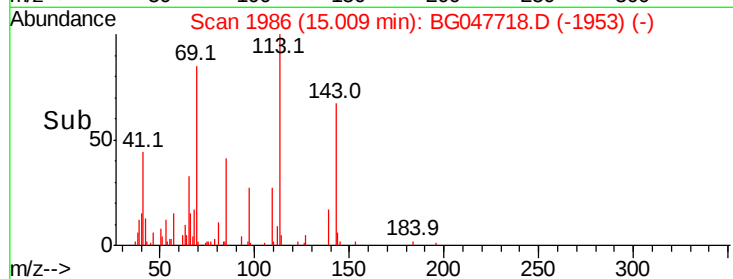
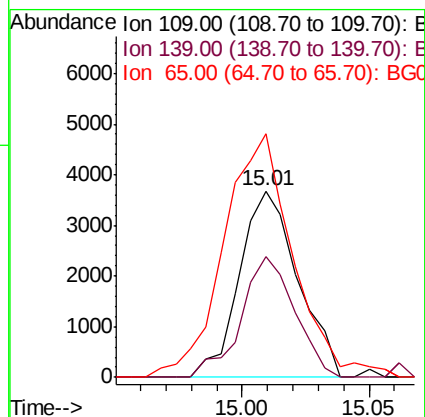
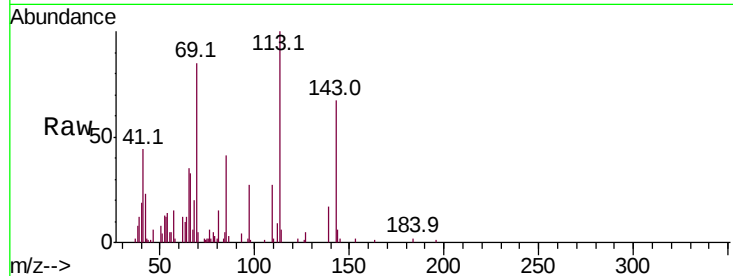




#55
4-Nitrophenol
Concen: 3.257 ng/ul
RT: 15.01 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

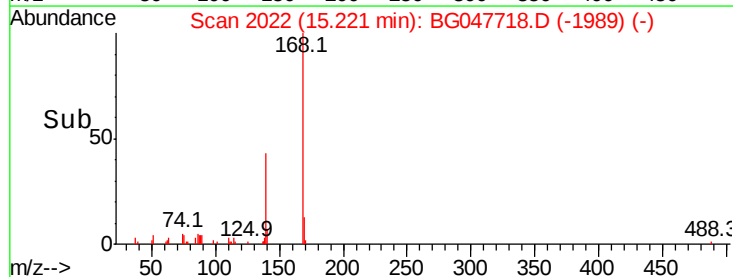
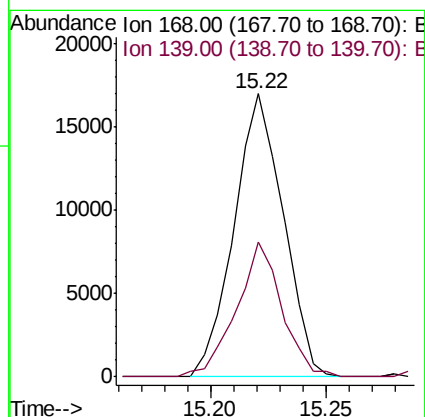
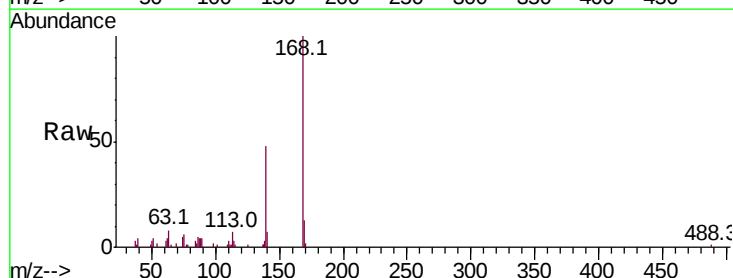
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

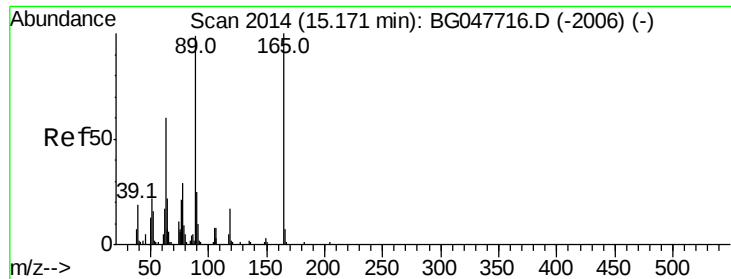
Tot Ion:109 Resp: 5900
Ion Ratio Lower Upper
109 100
139 65.1 47.0 70.6
65 130.8 74.7 112.1#



#56
Dibenzofuran
Concen: 3.248 ng/ul
RT: 15.22 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion:168 Resp: 25275
Ion Ratio Lower Upper
168 100
139 47.7 34.0 51.0

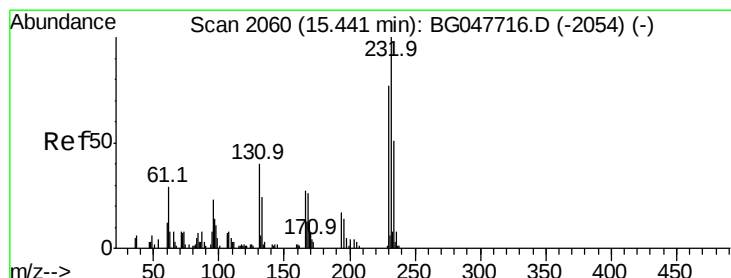
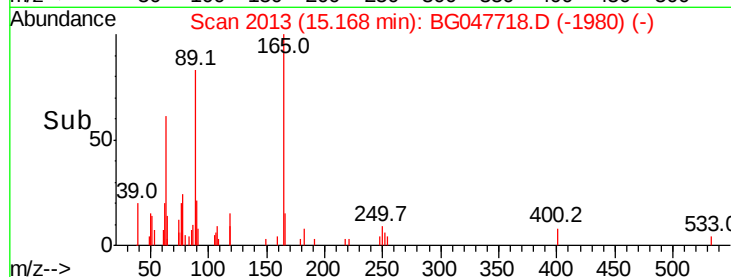
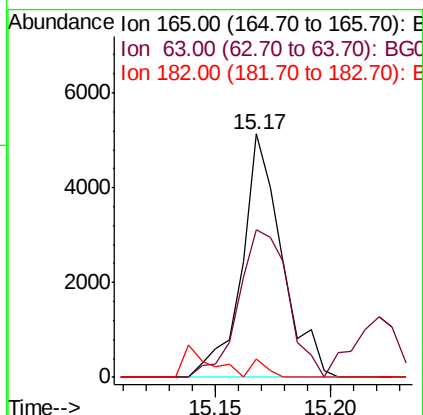
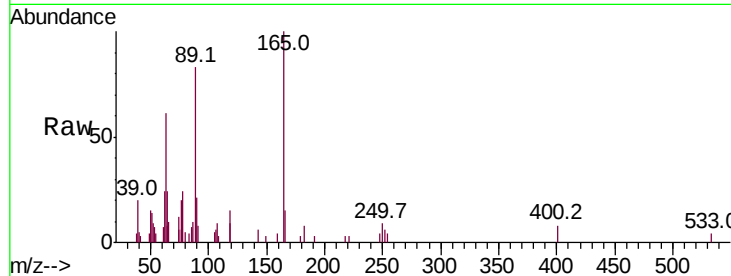




#57
2,4-Dinitrotoluene
Concen: 2.858 ng/ul
RT: 15.17 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

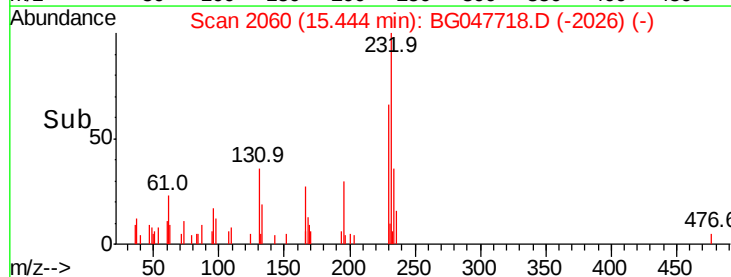
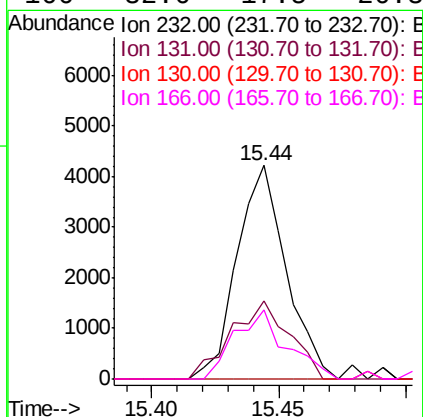
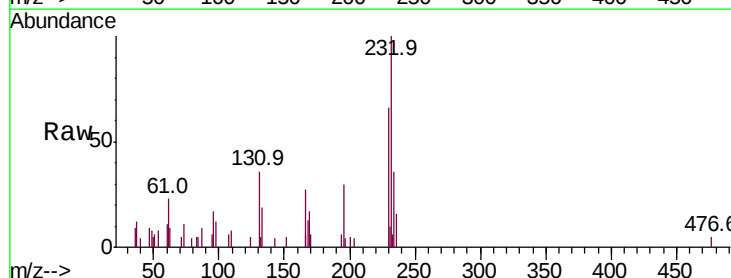
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

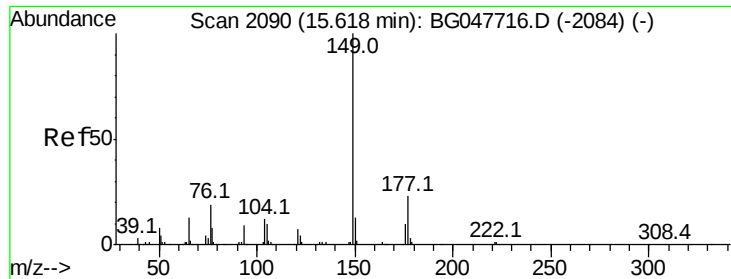
Tot Ion:165 Resp: 6220
Ion Ratio Lower Upper
165 100
63 60.8 54.6 81.8
182 7.5 2.6 3.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.769 ng/ul
RT: 15.44 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion:232 Resp: 5701
Ion Ratio Lower Upper
232 100
131 41.6 31.9 47.9
130 0.0 3.0 4.6#
166 32.6 17.5 26.3#

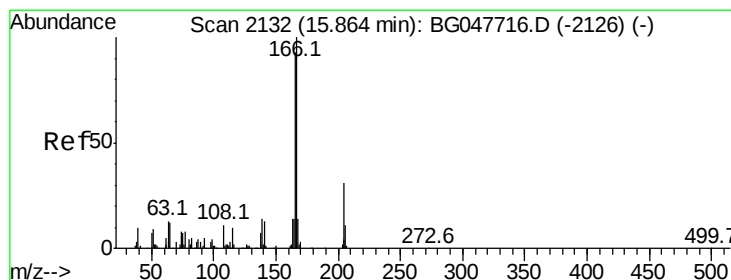
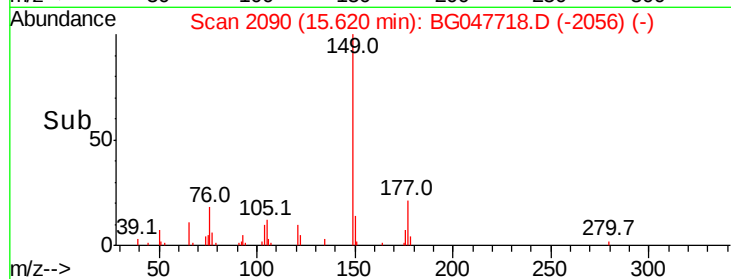
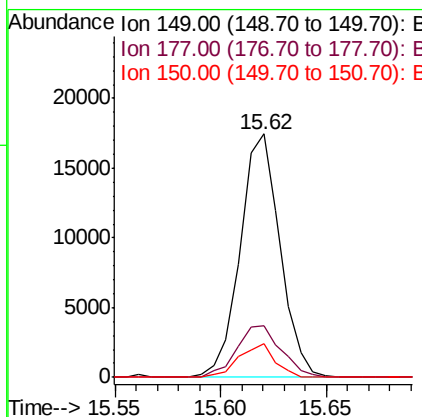
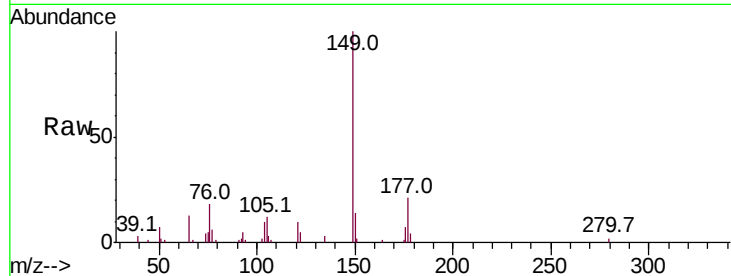




#59
Diethylphthalate
Concen: 3.223 ng/ul
RT: 15.62 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

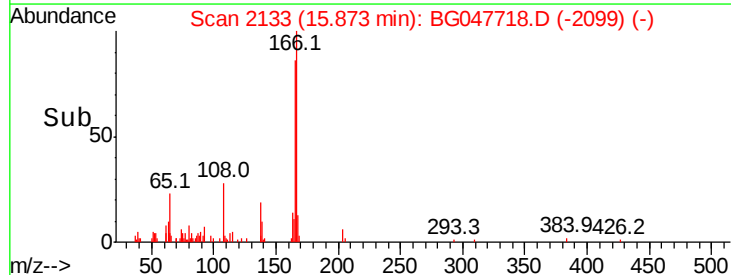
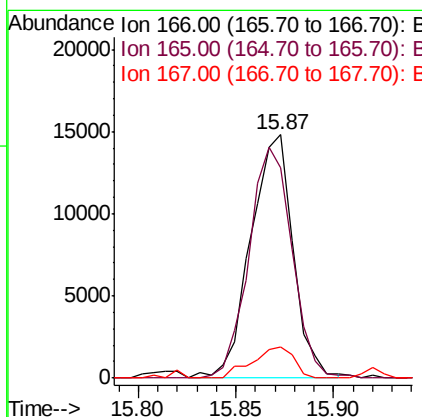
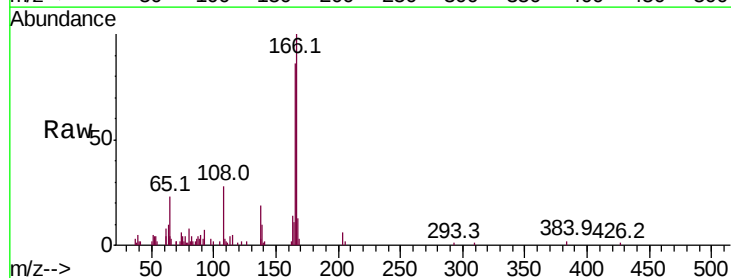
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

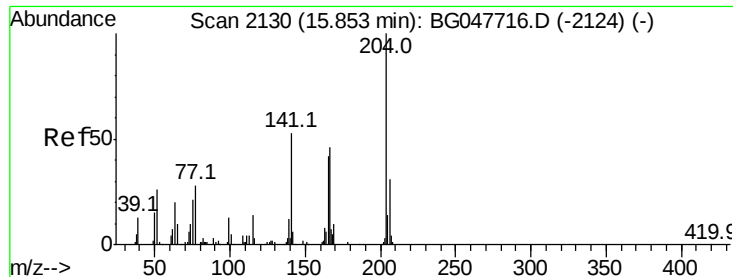
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	20.6	31.0
150	13.9	11.1	16.7



#61
Fluorene
Concen: 3.339 ng/ul
RT: 15.87 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	86.5	75.4	113.2
167	12.9	12.3	18.5





#62

4-Chlorophenyl-phenylether

Concen: 3.180 ng/ul

RT: 15.86 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

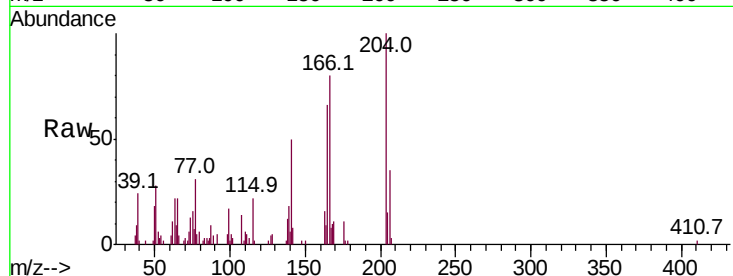
Tot Ion:204 Resp: 13301

Ion Ratio Lower Upper

204 100

206 35.2 26.2 39.2

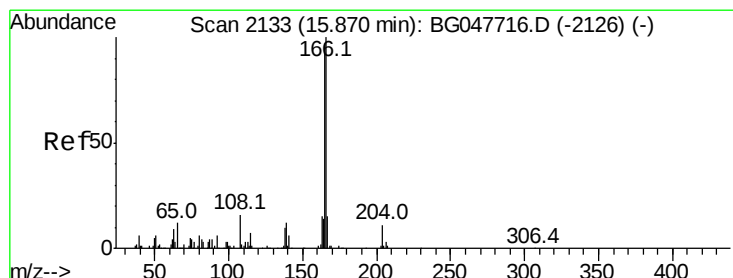
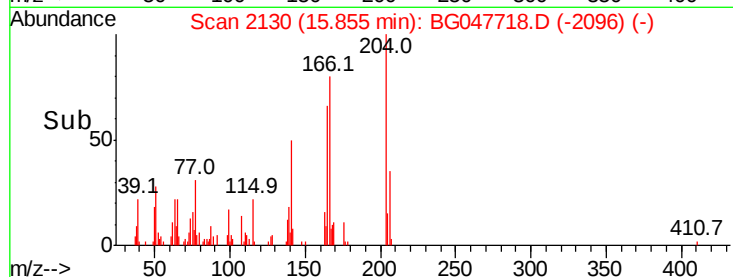
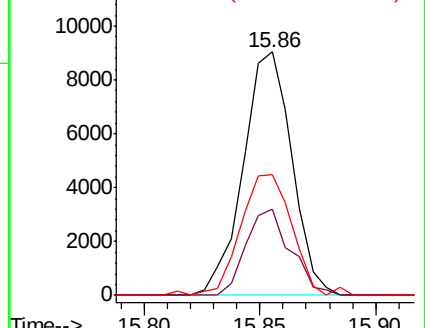
141 49.5 40.9 61.3



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



#63

4-Nitroaniline

Concen: 4.825 ng/ul

RT: 15.87 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

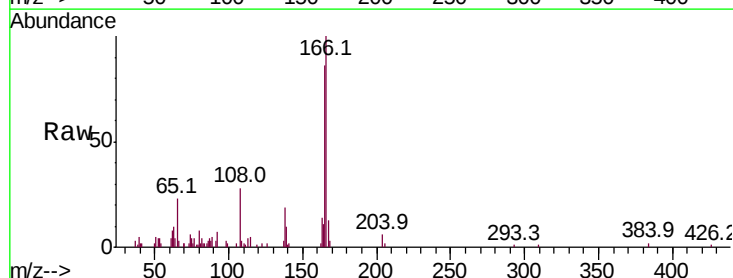
Tgt Ion:138 Resp: 4946

Ion Ratio Lower Upper

138 100

92 35.5 31.9 47.9

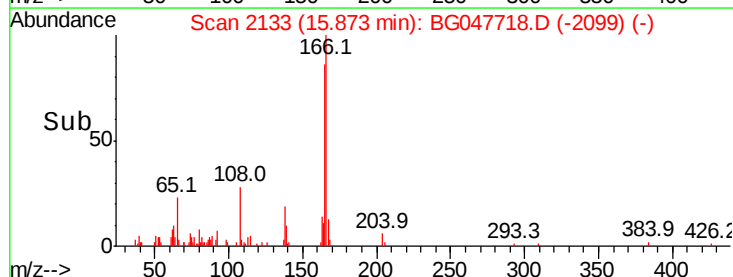
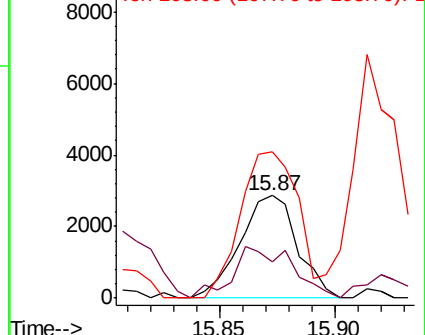
108 142.1 109.1 163.7

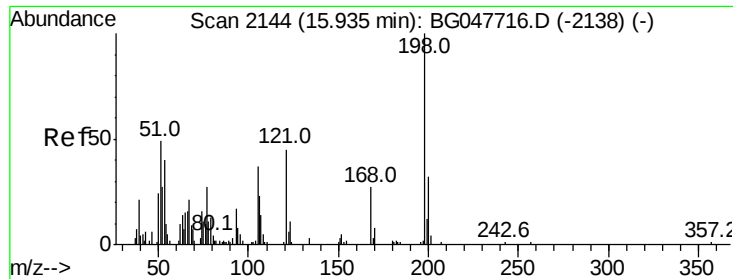


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

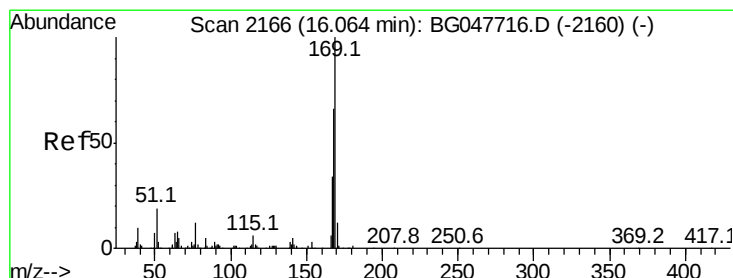
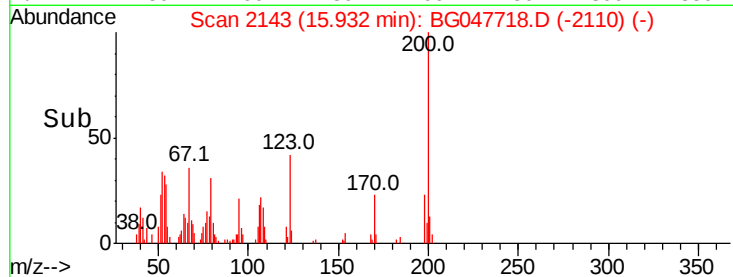
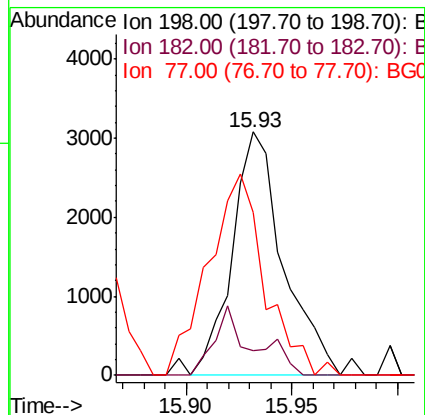
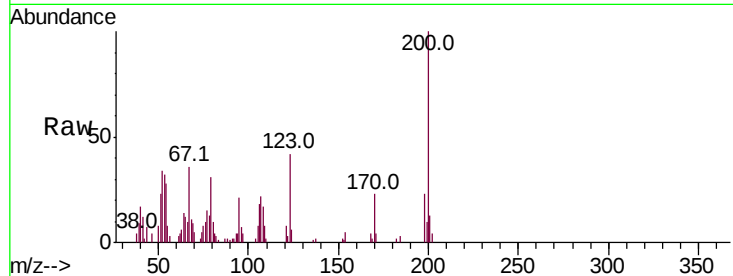




#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.498 ng/ul
 RT: 15.93 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

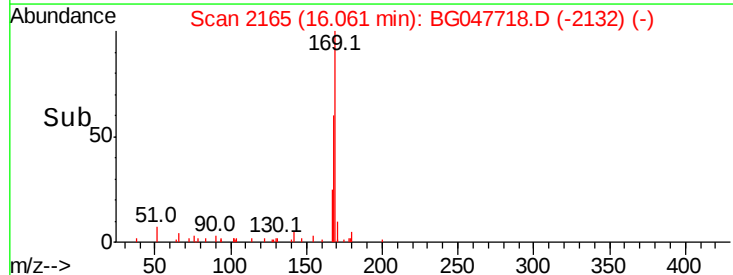
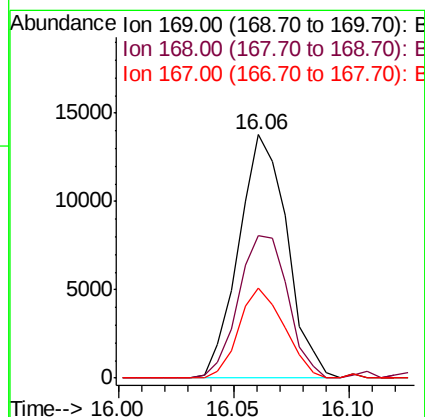
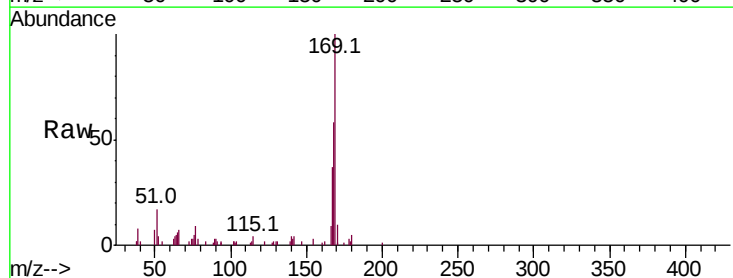
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-01

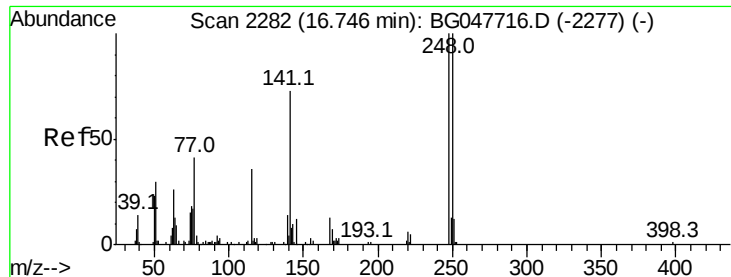
Tot Ion	Ratio	Lower	Upper
198	100		
182	10.0	2.9	4.3#
77	66.9	26.1	39.1#



#67
 N-Nitrosodiphenylamine
 Concen: 3.413 ng/ul
 RT: 16.06 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.4	53.8	80.8
167	36.8	29.8	44.8

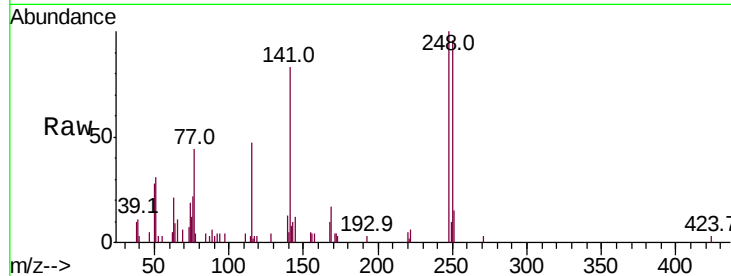




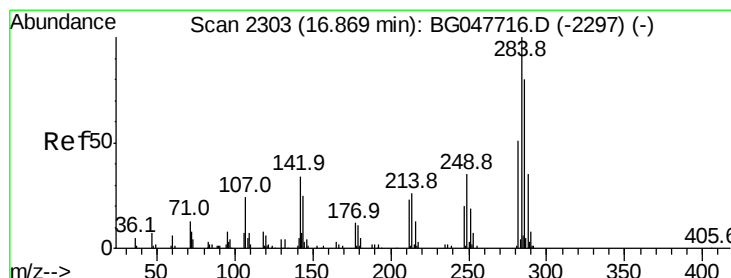
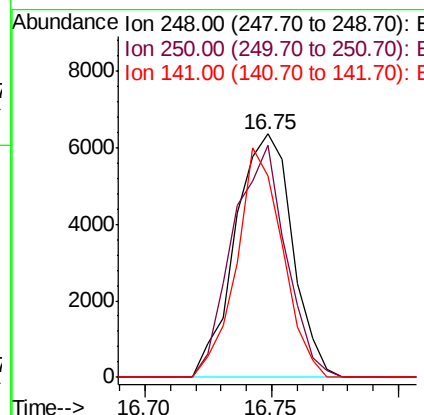
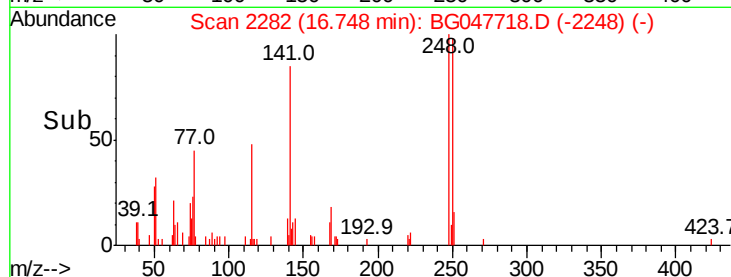
#68
4-Bromophenyl-phenylether
Concen: 3.651 ng/ul
RT: 16.75 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion:248 Resp: 9948
Ion Ratio Lower Upper
248 100
250 95.6 77.2 115.8
141 82.6 61.8 92.6

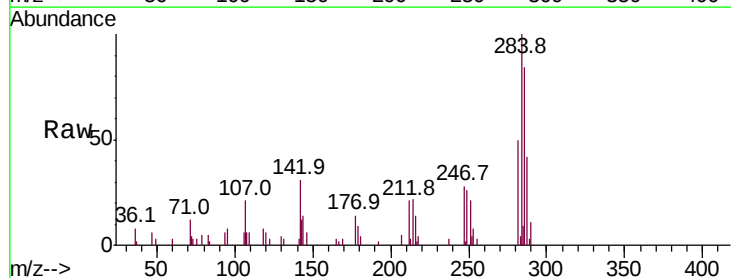


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

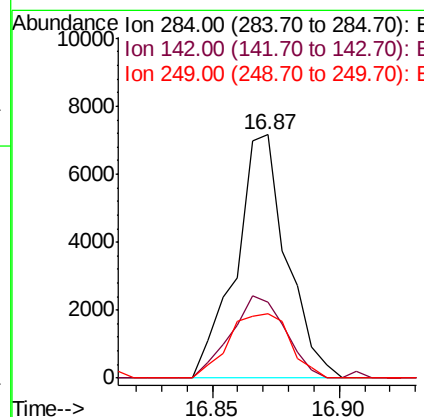
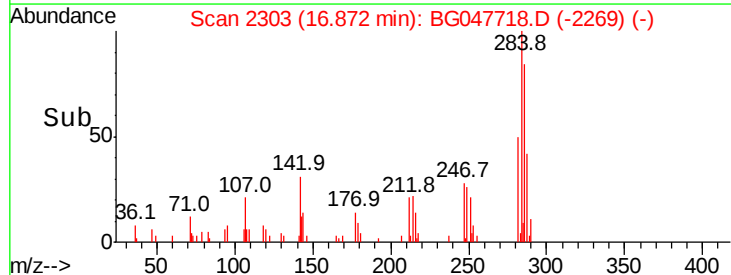


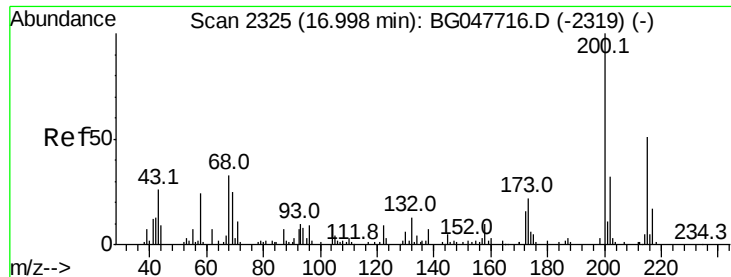
#69
Hexachlorobenzene
Concen: 3.341 ng/ul
RT: 16.87 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion:284 Resp: 9996
Ion Ratio Lower Upper
284 100
142 31.0 29.3 43.9
249 26.4 31.7 47.5#



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

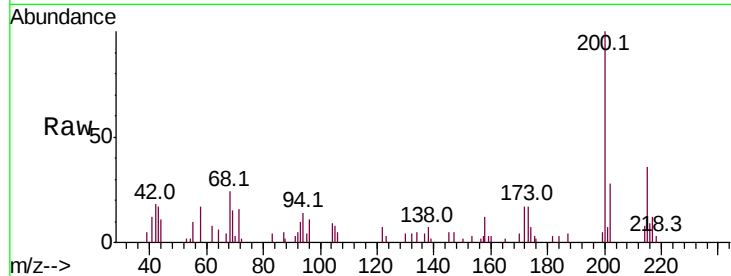




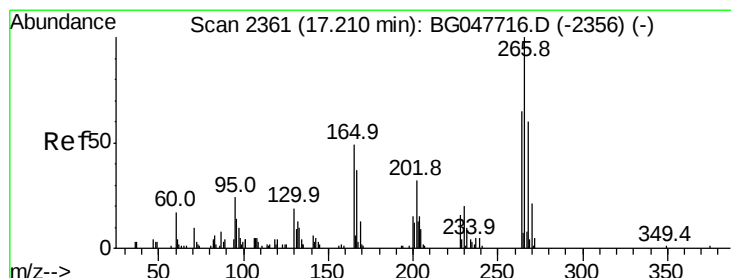
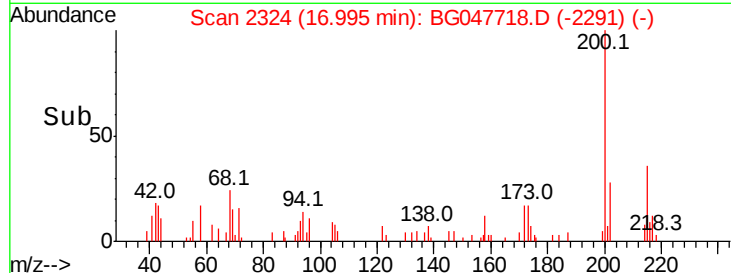
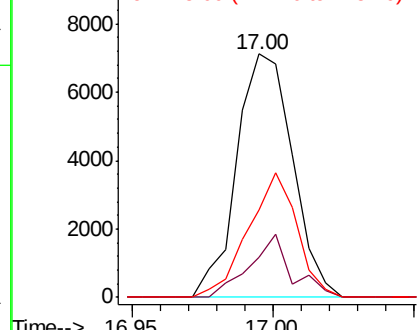
#70
Atrazine
Concen: 3.468 ng/ul
RT: 17.00 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion:200 Resp: 9757
Ion Ratio Lower Upper
200 100
173 16.6 14.9 22.3
215 35.9 42.5 63.7#

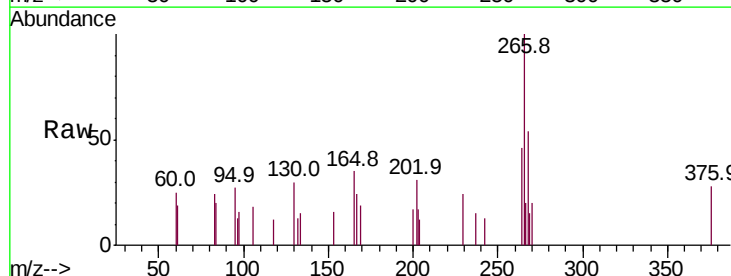


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

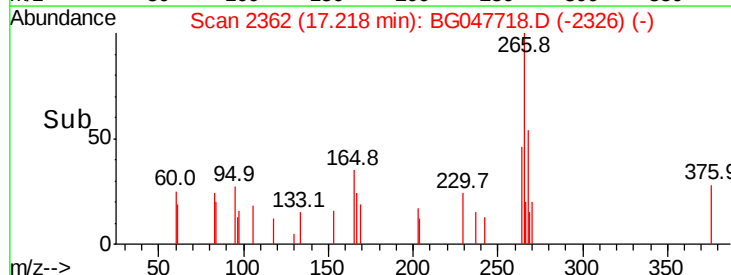
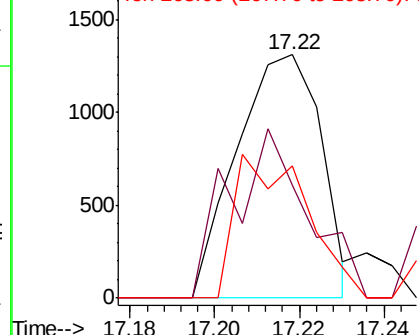


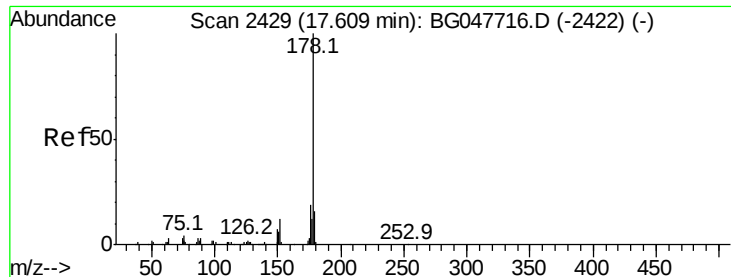
#71
Pentachlorophenol
Concen: 1.301 ng/ul
RT: 17.22 min Scan# 2362
Delta R.T. 0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion:266 Resp: 1830
Ion Ratio Lower Upper
266 100
264 46.3 56.8 85.2#
268 54.1 56.8 85.2#



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





#72

Phenanthrene

Concen: 3.294 ng/ul

RT: 17.61 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

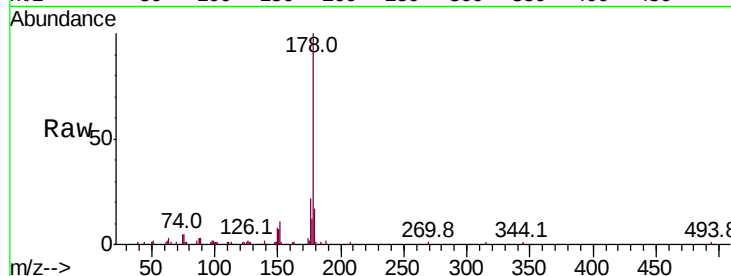
Tot Ion:178 Resp: 37957

Ion Ratio Lower Upper

178 100

179 17.3 13.5 20.3

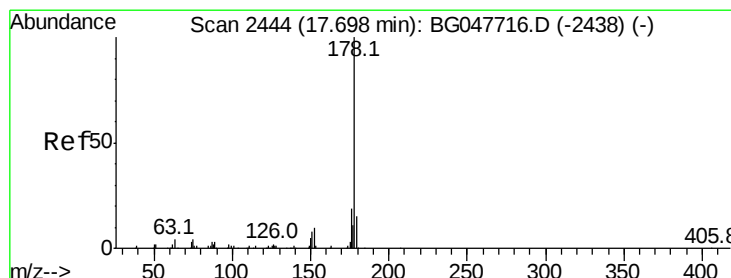
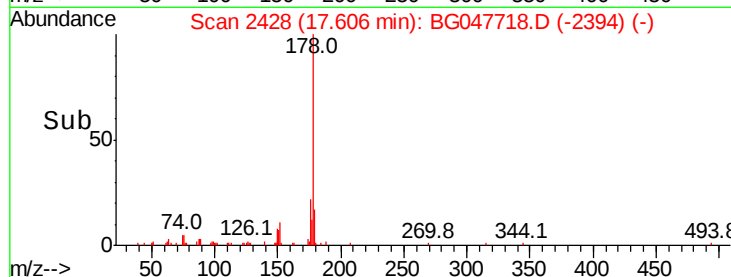
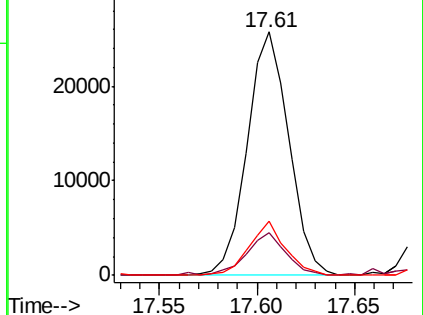
176 22.1 15.3 22.9



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



#74

Anthracene

Concen: 3.396 ng/ul

RT: 17.69 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

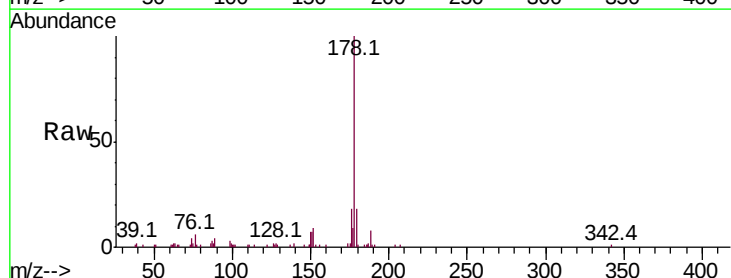
Tgt Ion:178 Resp: 39096

Ion Ratio Lower Upper

178 100

179 17.9 12.0 18.0

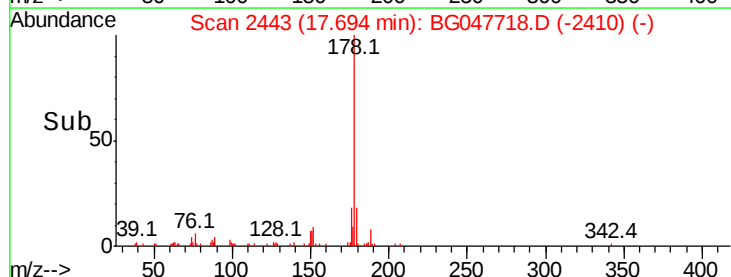
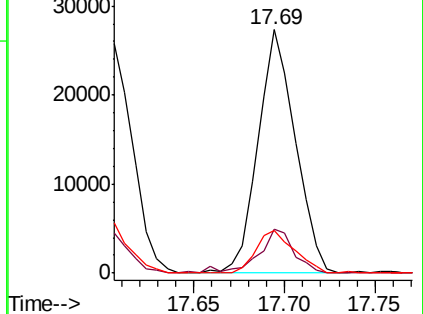
176 17.7 15.4 23.2

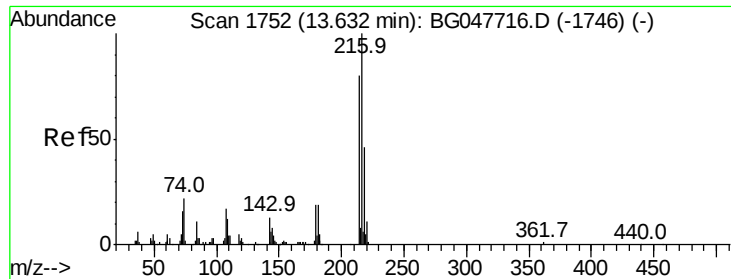


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.257 ng/uL

RT: 13.63 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

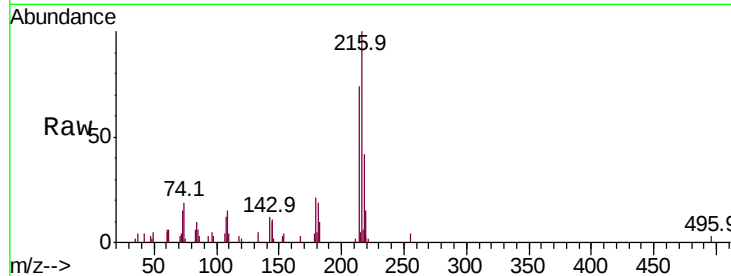
Tot Ion:216 Resp: 11201

Ion Ratio Lower Upper

216 100

214 74.3 58.6 87.8

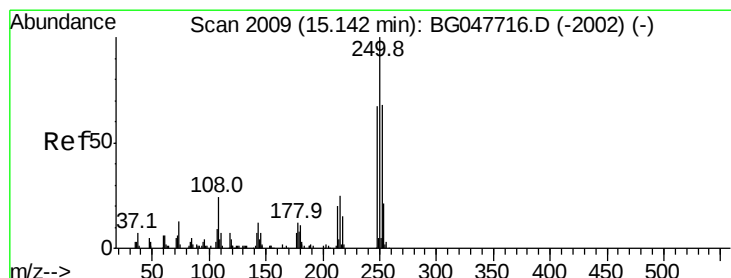
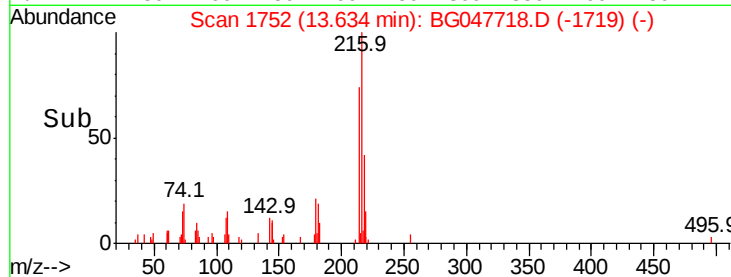
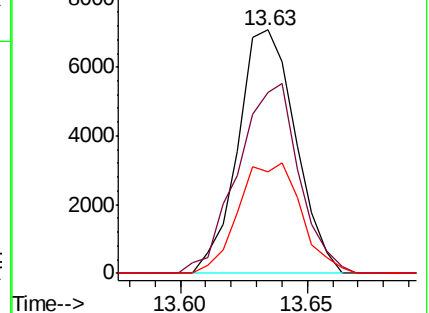
218 41.8 40.1 60.1



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



#76

Pentachlorobenzene

Concen: 3.628 ng/uL

RT: 15.14 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

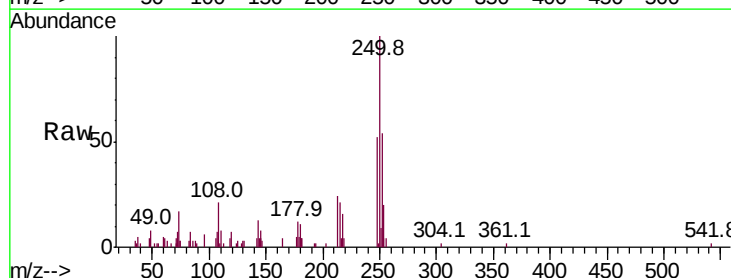
Tgt Ion:250 Resp: 12177

Ion Ratio Lower Upper

250 100

248 52.1 49.4 74.0

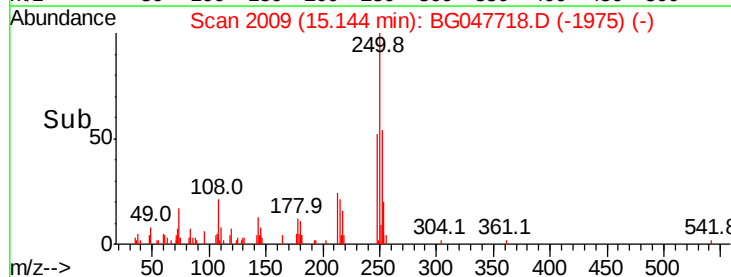
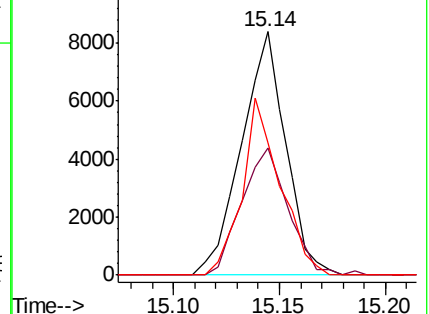
252 54.2 52.7 79.1

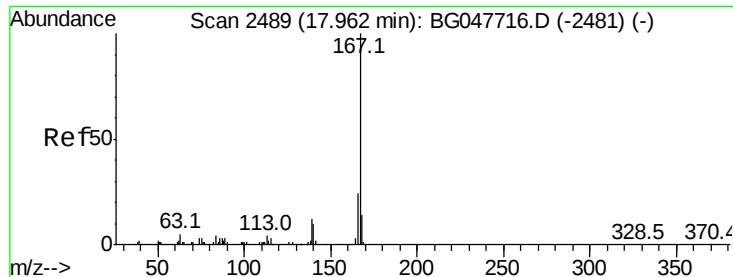


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

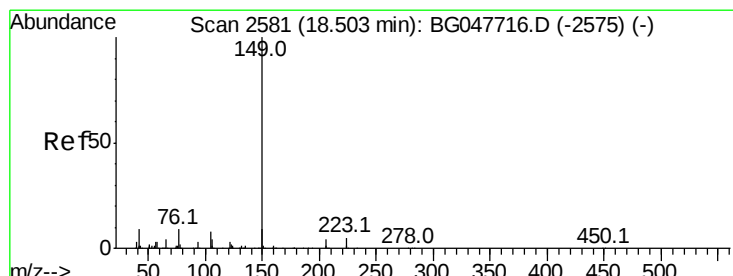
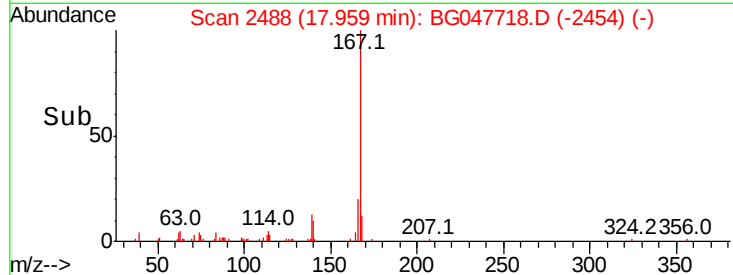
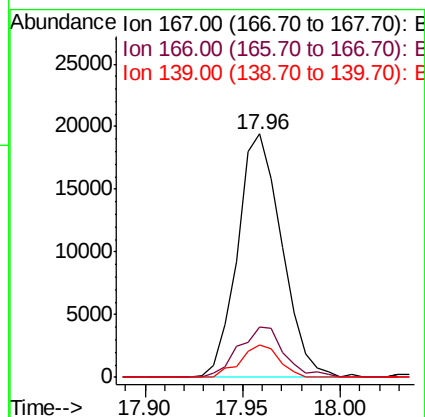
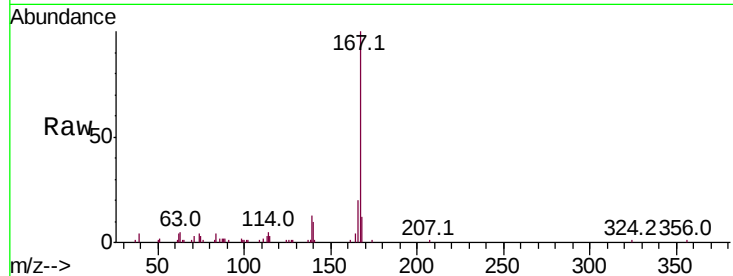




#77
 Carbazole
 Concen: 3.248 ng/ul
 RT: 17.96 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

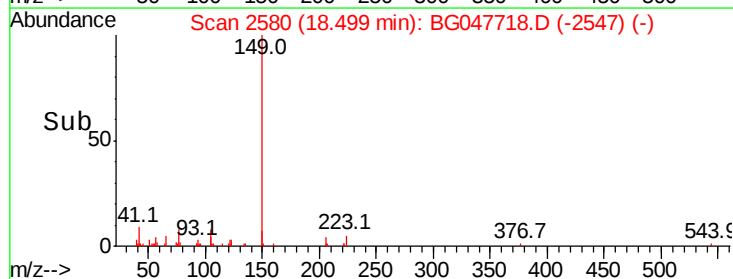
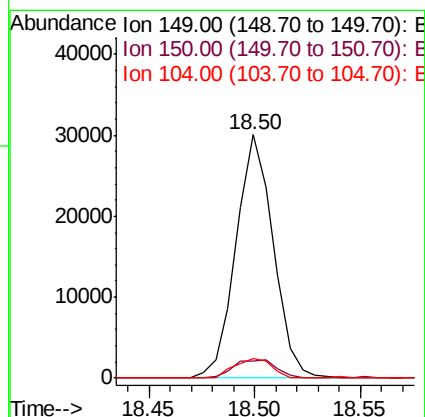
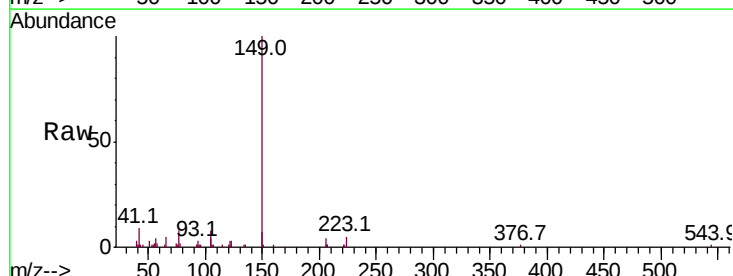
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-01

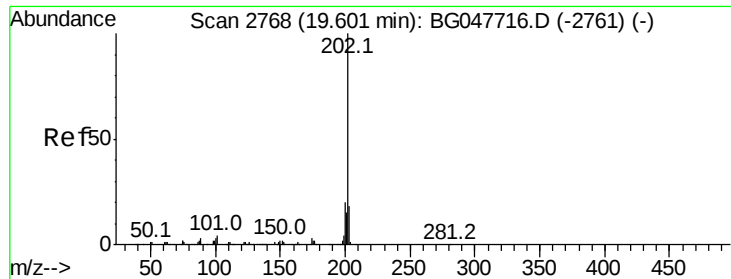
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.6	26.4
139	13.2	10.2	15.2



#78
 Di-n-butylphthalate
 Concen: 3.192 ng/ul
 RT: 18.50 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG047718.D
 Acq: 11 Dec 2020 17:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	7.2	7.3	10.9#
104	8.1	7.0	10.6





#80

Fluoranthene

Concen: 3.443 ng/ul

RT: 19.60 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

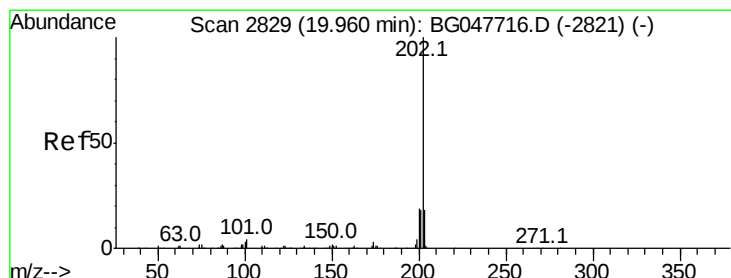
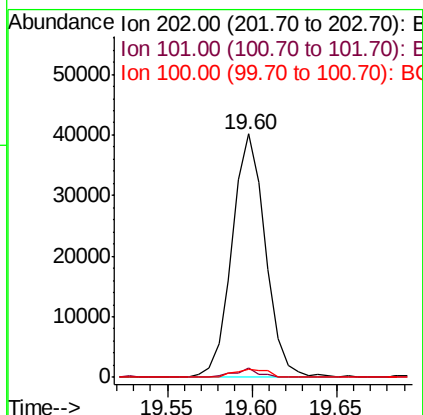
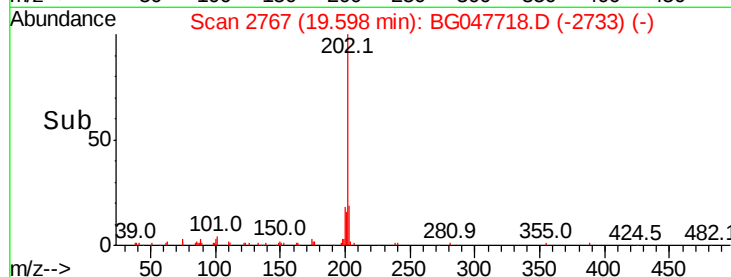
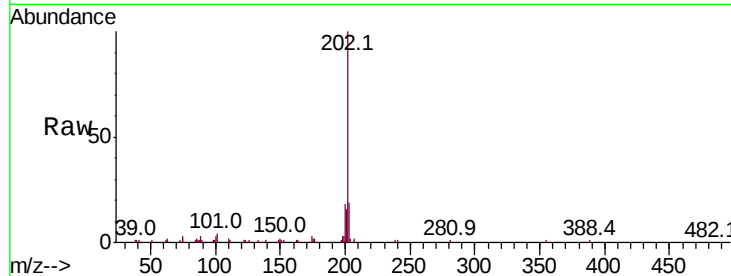
Tot Ion:202 Resp: 55139

Ion Ratio Lower Upper

202 100

101 3.7 2.8 4.2

100 3.1 2.3 3.5



#82

Pyrene

Concen: 3.165 ng/ul

RT: 19.96 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

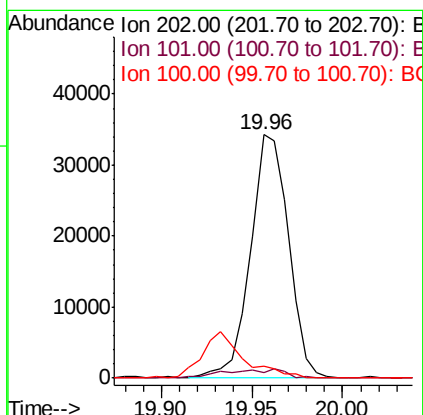
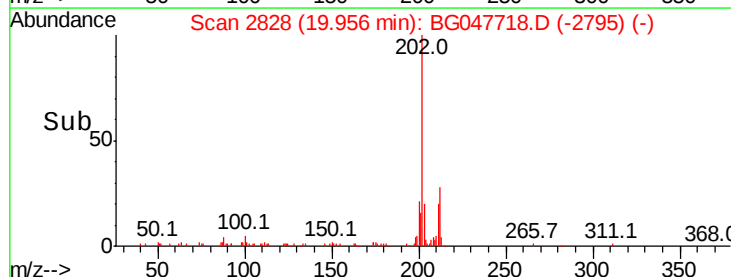
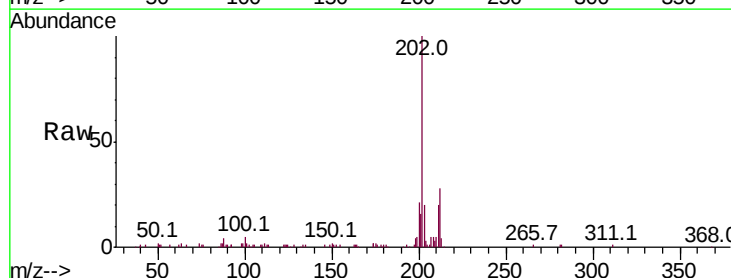
Tgt Ion:202 Resp: 50043

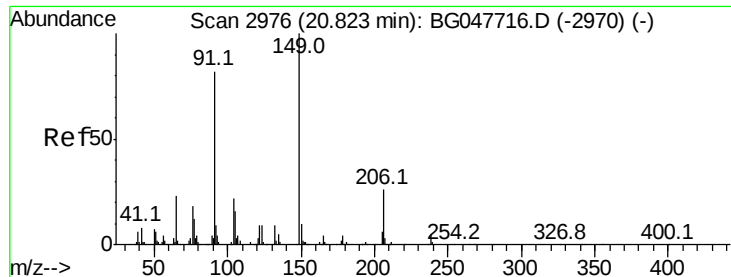
Ion Ratio Lower Upper

202 100

101 2.4 3.8 5.6#

100 4.7 3.0 4.6#

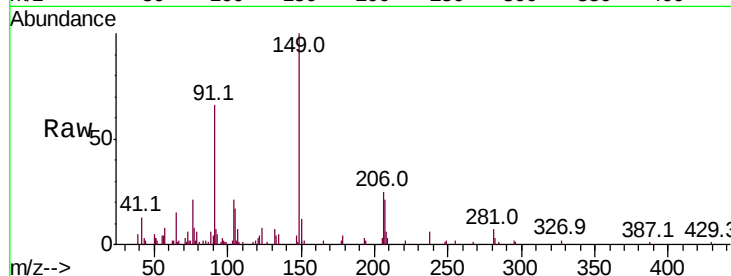




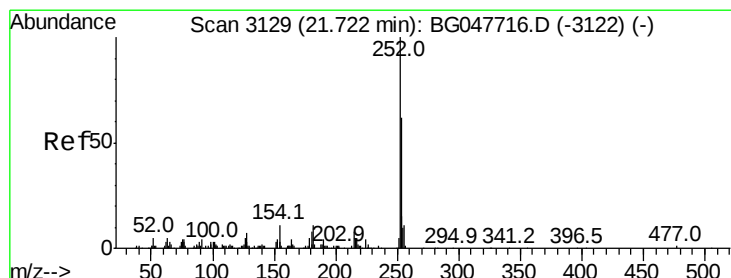
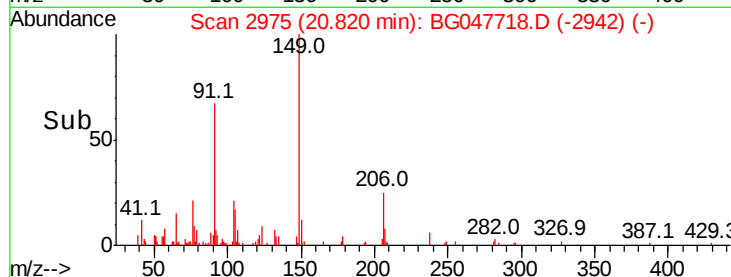
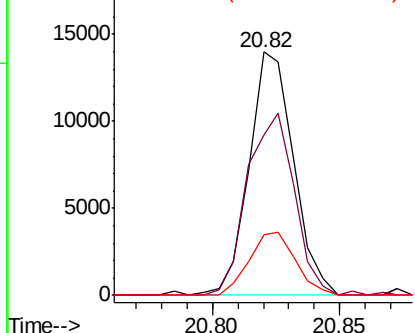
#83
Butylbenzylphthalate
Concen: 3.116 ng/ul
RT: 20.82 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-01

Tot Ion:149 Resp: 17188
Ion Ratio Lower Upper
149 100
91 65.7 64.6 97.0
206 25.1 20.3 30.5

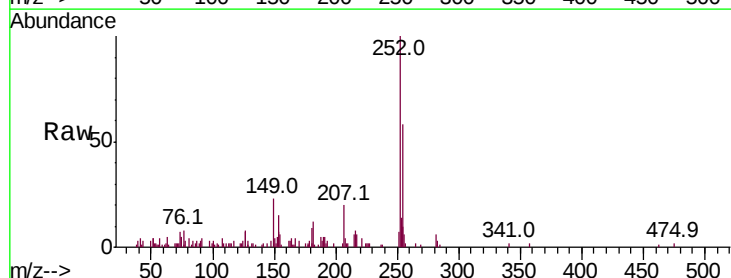


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

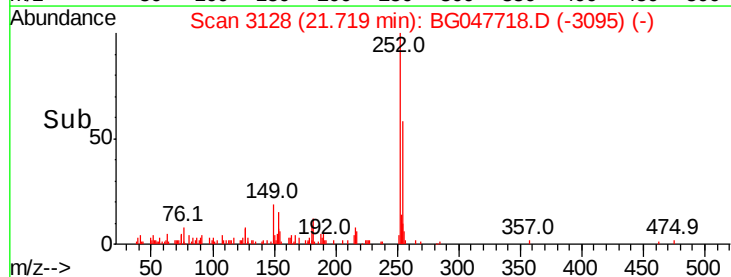
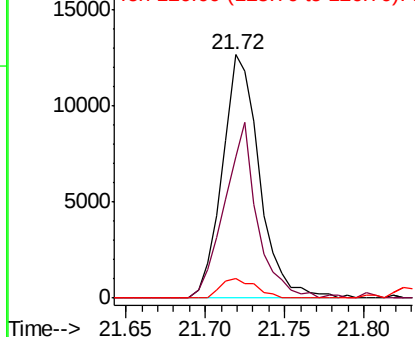


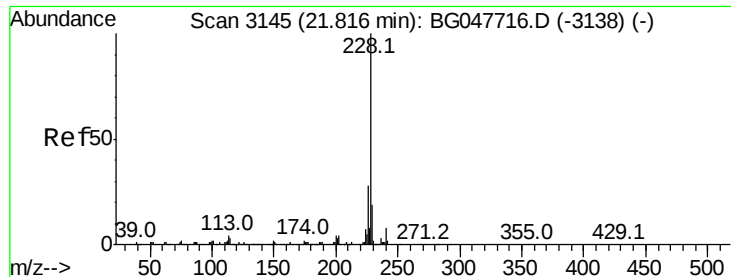
#84
3,3'-Dichlorobenzidine
Concen: 3.560 ng/ul
RT: 21.72 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG047718.D
Acq: 11 Dec 2020 17:46

Tgt Ion:252 Resp: 20479
Ion Ratio Lower Upper
252 100
254 57.7 46.9 70.3
126 8.2 3.8 5.8#



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





#85

Benzo(a)anthracene

Concen: 3.345 ng/ul

RT: 21.82 min Scan# 3145

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

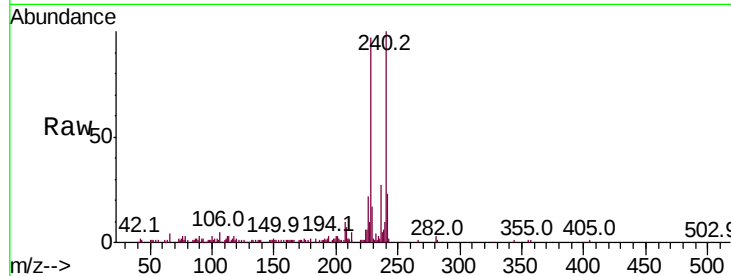
Tot Ion:228 Resp: 55165

Ion Ratio Lower Upper

228 100

229 18.0 16.2 24.4

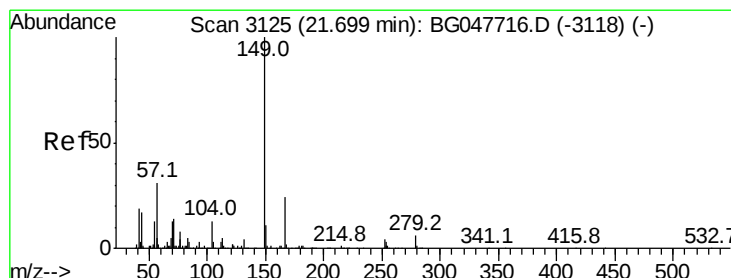
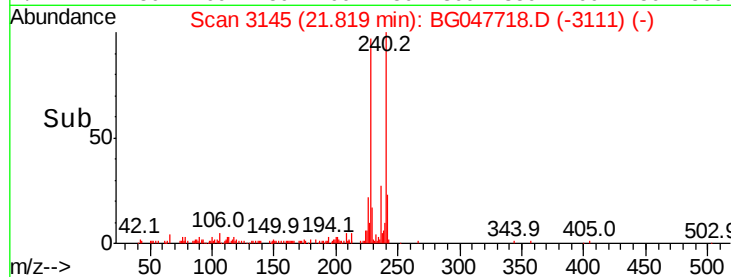
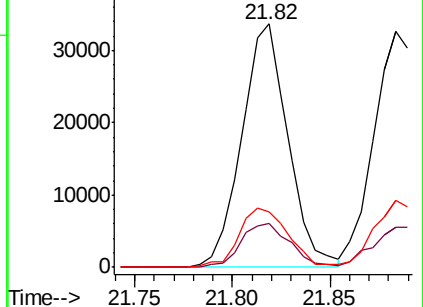
226 22.7 20.4 30.6



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



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.118 ng/ul

RT: 21.70 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

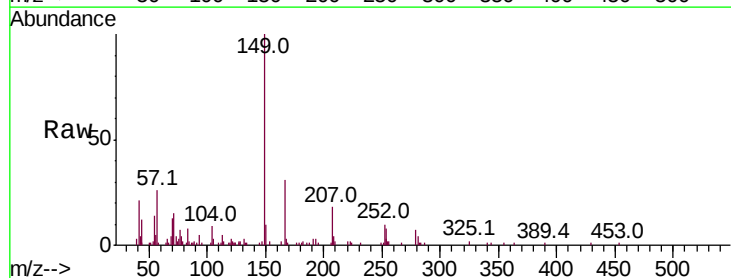
Tgt Ion:149 Resp: 23703

Ion Ratio Lower Upper

149 100

167 31.4 25.1 37.7

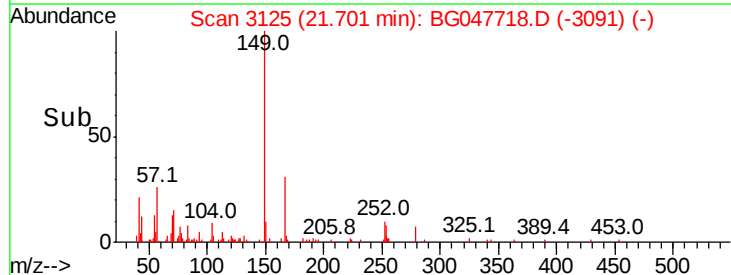
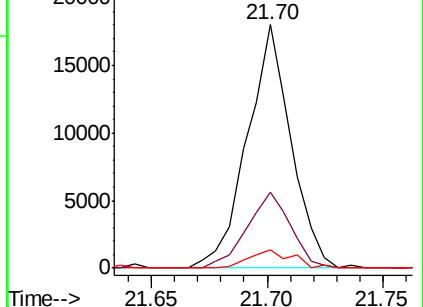
279 7.5 5.2 7.8

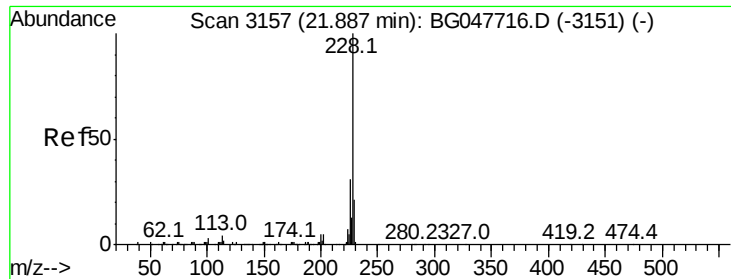


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 3.479 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

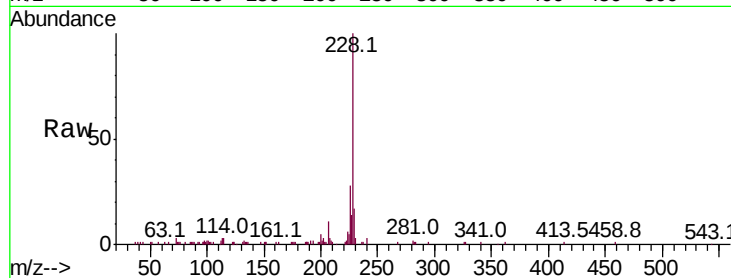
Tot Ion:228 Resp: 54445

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.6

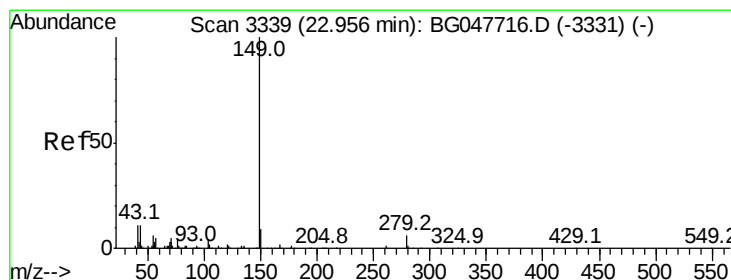
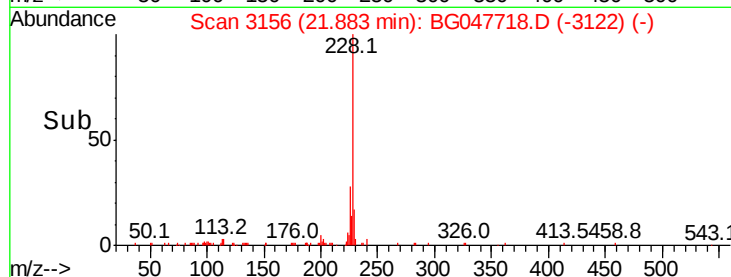
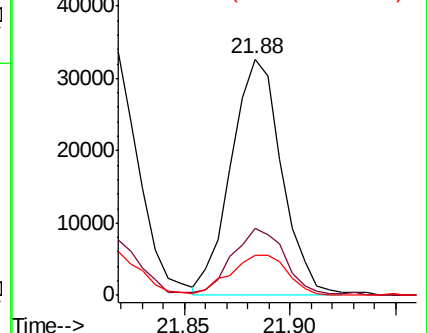
229 17.0 16.2 24.2



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



#89

Di-n-octyl phthalate

Concen: 3.345 ng/ul

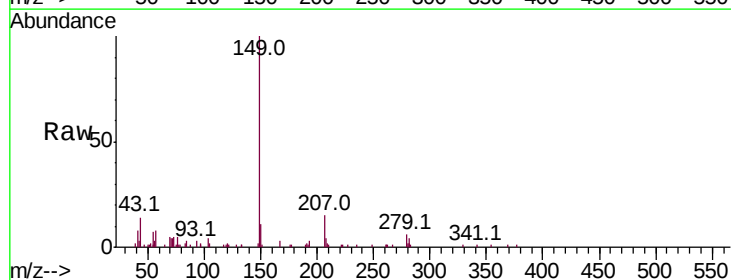
RT: 22.95 min Scan# 3338

Delta R.T. -0.01 min

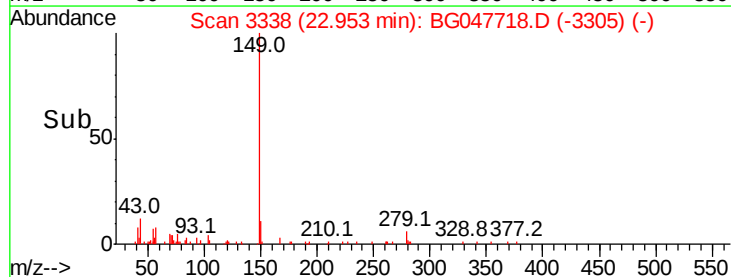
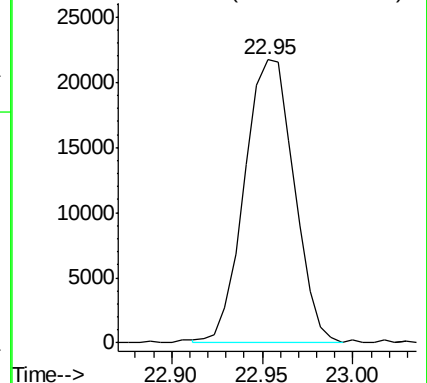
Lab File: BG047718.D

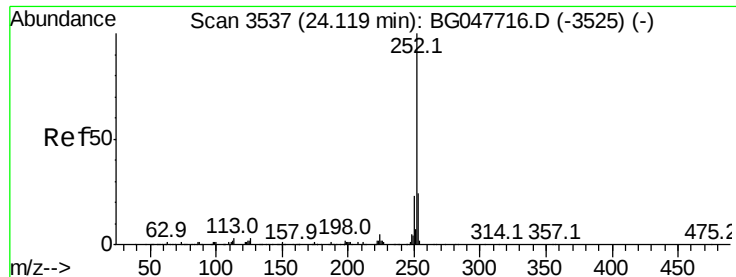
Acq: 11 Dec 2020 17:46

Tgt Ion:149 Resp: 41353



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 3.240 ng/ul

RT: 24.12 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

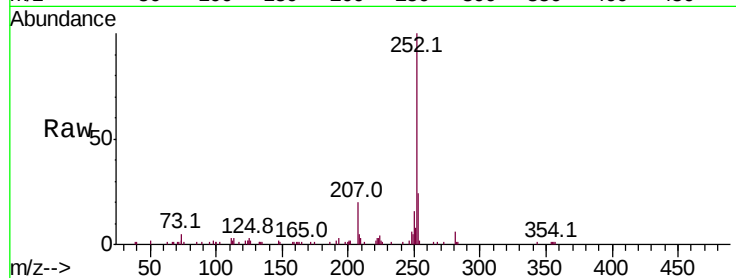
Tot Ion:252 Resp: 53202

Ion Ratio Lower Upper

252 100

253 24.2 16.6 24.8

125 3.3 1.8 2.8#

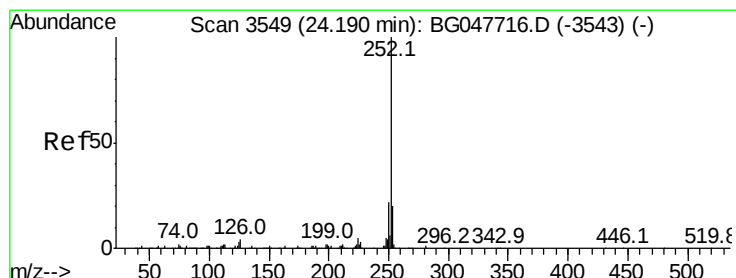
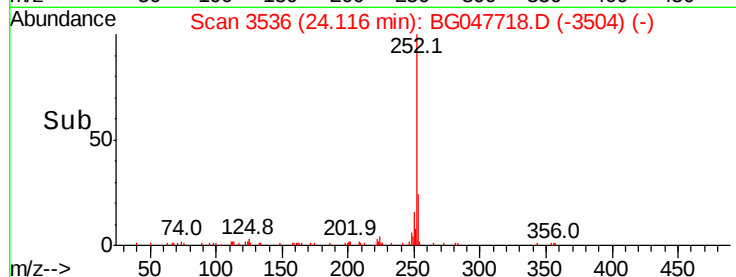
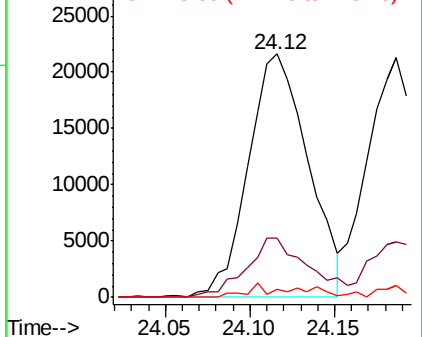


Abundance

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(k)fluoranthene

Concen: 3.351 ng/ul

RT: 24.19 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

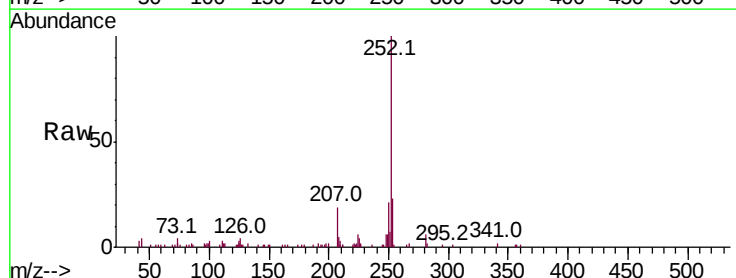
Tgt Ion:252 Resp: 54361

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.4

125 4.9 2.2 3.2#

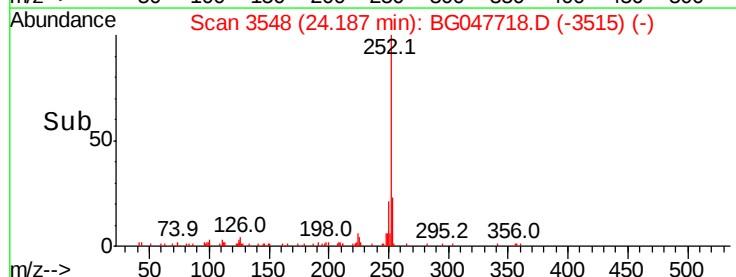
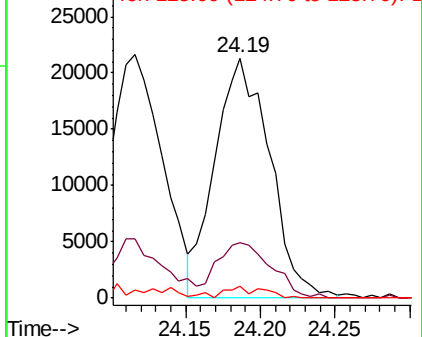


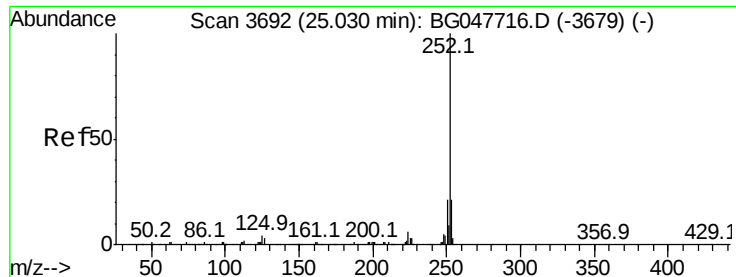
Abundance

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





#93

Benzo(a)pyrene

Concen: 3.310 ng/ul

RT: 25.03 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

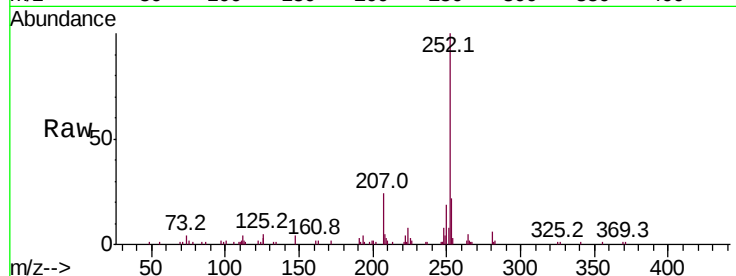
Tot Ion:252 Resp: 47929

Ion Ratio Lower Upper

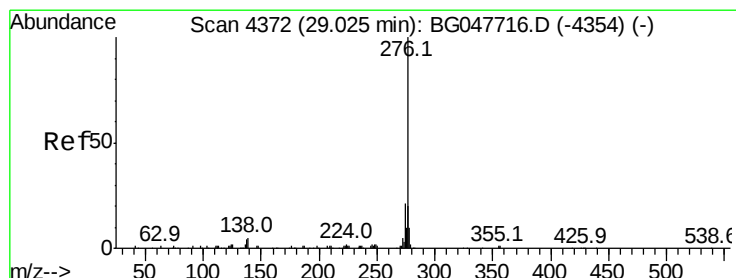
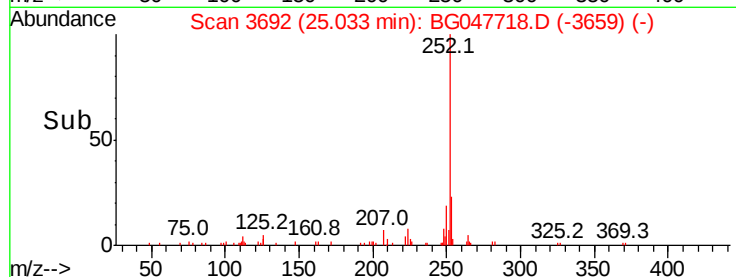
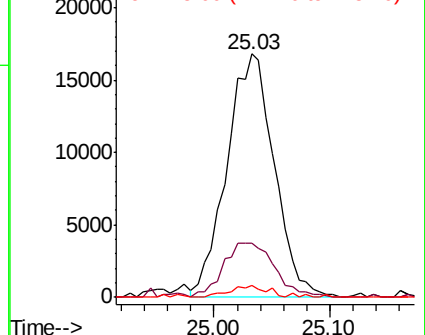
252 100

253 22.4 17.6 26.4

125 5.2 2.6 4.0#



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



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.230 ng/ul

RT: 29.01 min Scan# 4369

Delta R.T. -0.02 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

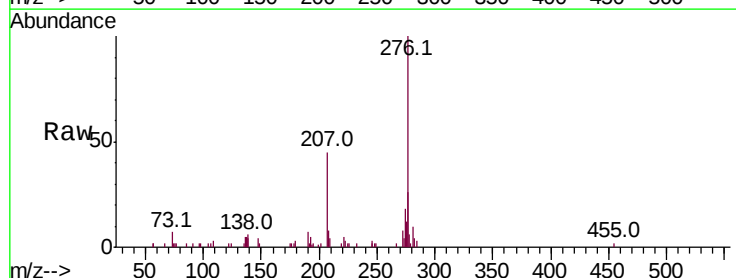
Tgt Ion:276 Resp: 22037

Ion Ratio Lower Upper

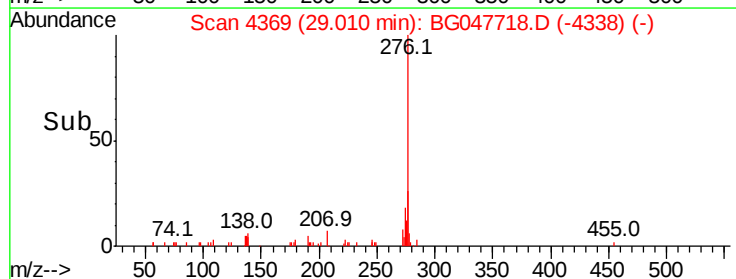
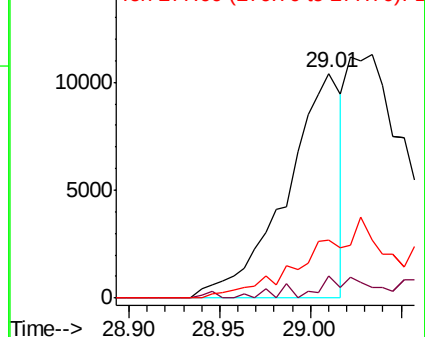
276 100

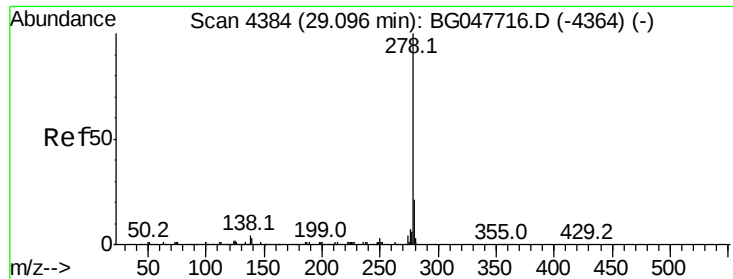
138 9.9 5.1 7.7#

277 25.7 18.4 27.6



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





#95

Dibenzo(a,h)anthracene

Concen: 2.078 ng/ul

RT: 29.08 min Scan# 4381

Delta R.T. -0.02 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-01

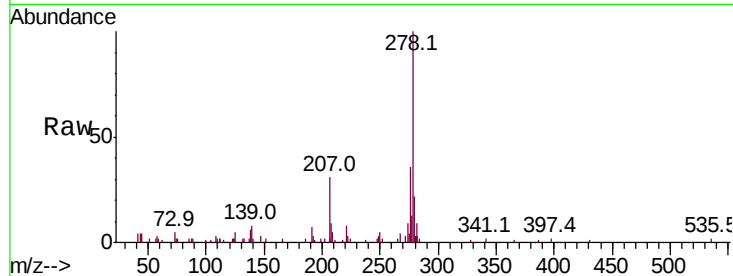
Tot Ion:278 Resp: 30922

Ion Ratio Lower Upper

278 100

139 8.0 3.5 5.3#

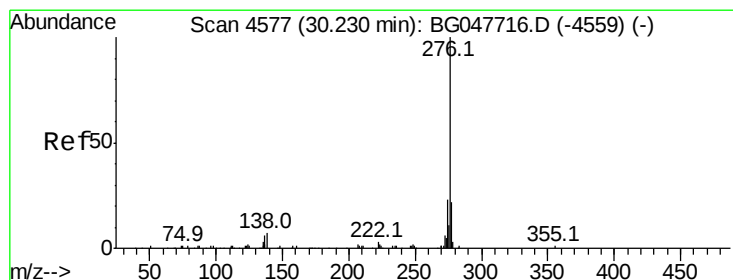
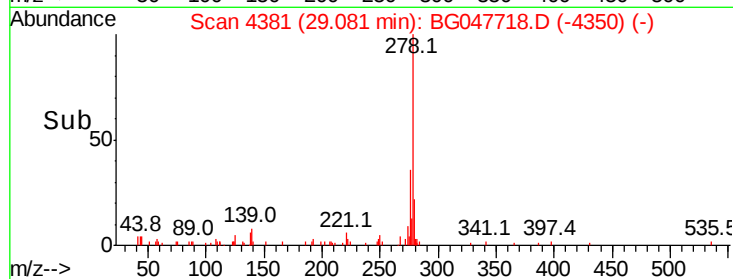
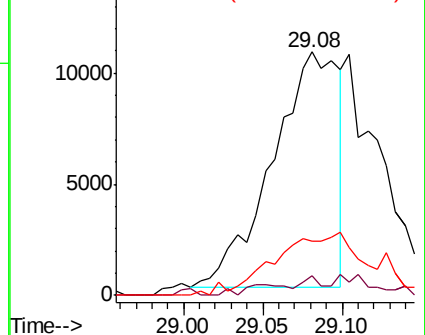
279 22.5 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#96

Benzo(g,h,i)perylene

Concen: 1.754 ng/ul

RT: 30.23 min Scan# 4577

Delta R.T. -0.01 min

Lab File: BG047718.D

Acq: 11 Dec 2020 17:46

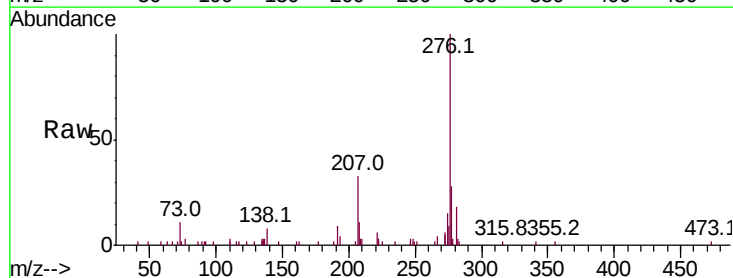
Tgt Ion:276 Resp: 25886

Ion Ratio Lower Upper

276 100

138 7.9 4.2 6.4#

277 27.9 16.0 24.0#



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

