

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
 Data File : BG047720.D
 Acq On : 11 Dec 2020 19:07
 Operator : CG/JU
 Sample : L4485-02
 Misc : MDL-SOIL-02
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Quant Time: Dec 12 00:00:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 23:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	34763	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	141746	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	106020	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	266494	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	308047	20.00	ng/ul	0.00
88) Perylene-d12	25.20	264	331448	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	4290	5.43	ng/uL	0.00
4) Pyridine-d5	3.96	84	55515	24.75	ng/ul	0.00
7) Phenol-d5	7.34	99	104557	35.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	57410	37.36	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	79812	36.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	85110	38.37	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	39015	32.71	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	49569	36.51	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	97123	33.87	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	108693	32.57	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	318585	36.41	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	373386	37.32	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	43017	32.28	ng/ul	0.00
60) Fluorene-d10	15.81	176	274372	33.59	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	62361	34.19	ng/ul	0.00
73) Anthracene-d10	17.66	188	446842	34.49	ng/ul	0.00
81) Pyrene-d10	19.93	212	527533	31.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	584590	31.43	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	804	0.986	ng/uL# 53
5) Pyridine	3.98	79	5749	2.733	ng/ul# 2
6) Benzaldehyde	7.33	77	7063	5.271	ng/ul# 79
8) Phenol	7.36	94	8775	3.062	ng/ul# 86
10) Bis(2-Chloroethyl)ether	7.61	93	6544	3.283	ng/ul# 90
12) 2-Chlorophenol	7.76	128	7252	3.315	ng/ul 89
13) 2-Methylphenol	8.64	108	7255	3.328	ng/ul# 67
14) 2,2'-oxybis(1-Chloropropan	8.73	45	5608	3.023	ng/ul# 93
16) Acetophenone	9.03	105	11936	3.204	ng/ul 95
17) N-Nitroso-di-n-propylamine	9.01	70	6295	3.077	ng/ul# 97
18) 4-Methylphenol	8.96	108	5328	2.227	ng/ul 97
19) Hexachloroethane	9.31	117	3296	3.076	ng/ul# 77
22) Nitrobenzene	9.41	77	11501	3.238	ng/ul# 93
23) Isophorone	9.94	82	18023	2.922	ng/ul# 92
25) 2-Nitrophenol	10.13	139	3308	2.332	ng/ul# 56
26) 2,4-Dimethylphenol	10.18	107	9436	2.833	ng/ul 88
27) Bis(2-Chloroethoxy)methane	10.42	93	8138	2.764	ng/ul# 92
29) 2,4-Dichlorophenol	10.67	162	7509	2.854	ng/ul# 93
30) Naphthalene	11.08	128	23977	3.062	ng/ul 94
32) 4-Chloroaniline	11.18	127	9679	3.034	ng/ul 92
33) Hexachlorobutadiene	11.37	225	8483	3.003	ng/ul# 70
34) Caprolactam	11.95	113	1338	1.501	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	7956	2.743	ng/ul#	93
36) 2-Methylnaphthalene	12.68	142	18544	3.138	ng/ul	94
37) 1-Methylnaphthalene	12.89	142	17346	3.072	ng/ul#	86
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	14129	3.236	ng/ul	91
40) Hexachlorocyclopentadiene	13.01	237	6550	2.288	ng/ul#	88
41) 2,4,6-Trichlorophenol	13.26	196	7591	2.899	ng/ul	93
42) 2,4,5-Trichlorophenol	13.34	196	7358	2.653	ng/ul#	84
43) 1,1'-Biphenyl	13.66	154	24179	2.953	ng/ul	97
44) 2-Chloronaphthalene	13.71	162	19575	3.037	ng/ul	95
45) 2-Nitroaniline	13.90	65	6507	2.939	ng/ul#	88
47) Dimethylphthalate	14.26	163	28435	3.172	ng/ul	96
48) 2,6-Dinitrotoluene	14.39	165	5908	3.119	ng/ul	95
50) Acenaphthylene	14.55	152	31211	3.310	ng/ul#	95
51) 3-Nitroaniline	14.71	138	3961	2.912	ng/ul#	80
52) Acenaphthene	14.89	153	20936	3.124	ng/ul	99
53) 2,4-Dinitrophenol	14.93	184	690	0.614	ng/ul#	76
55) 4-Nitrophenol	15.01	109	7069	3.128	ng/ul#	71
56) Dibenzofuran	15.22	168	29079	2.996	ng/ul	98
57) 2,4-Dinitrotoluene	15.17	165	7242	2.668	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.44	232	6609	2.574	ng/ul#	90
59) Diethylphthalate	15.62	149	25948	2.924	ng/ul#	93
61) Fluorene	15.87	166	25603	3.069	ng/ul	94
62) 4-Chlorophenyl-phenylether	15.85	204	15542	2.979	ng/ul	88
63) 4-Nitroaniline	15.87	138	5008	3.917	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.93	198	5352	2.891	ng/ul#	39
67) N-Nitrosodiphenylamine	16.07	169	22599	3.048	ng/ul	92
68) 4-Bromophenyl-phenylether	16.74	248	10984	3.210	ng/ul	90
69) Hexachlorobenzene	16.87	284	10669	2.840	ng/ul#	92
70) Atrazine	16.99	200	10386	2.940	ng/ul	92
71) Pentachlorophenol	17.21	266	2218	1.256	ng/ul#	75
72) Phenanthrene	17.61	178	43232	2.988	ng/ul	99
74) Anthracene	17.69	178	41758	2.889	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	13475	3.120	ng/uL	97
76) Pentachlorobenzene	15.14	250	13532	3.211	ng/uL	93
77) Carbazole	17.96	167	35644	3.025	ng/ul	97
78) Di-n-butylphthalate	18.50	149	42472	2.939	ng/ul	96
80) Fluoranthene	19.60	202	58743	2.782	ng/ul#	95
82) Pyrene	19.96	202	57814	2.774	ng/ul#	98
83) Butylbenzylphthalate	20.82	149	19992	2.749	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.72	252	23874	3.148	ng/ul#	93
85) Benzo(a)anthracene	21.82	228	63698	2.929	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.70	149	27775	2.771	ng/ul	91
87) Chrysene	21.88	228	60532	2.934	ng/ul	95
89) Di-n-octyl phthalate	22.95	149	50185	2.877	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	66883	2.887	ng/ul	99
91) Benzo(k)fluoranthene	24.12	252	66883	2.922	ng/ul	98
93) Benzo(a)pyrene	25.03	252	58995	2.888	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.02	276	33662	1.331	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.09	278	61470	2.928	ng/ul#	96
96) Benzo(g,h,i)perylene	30.23	276	13890	0.667	ng/ul#	78

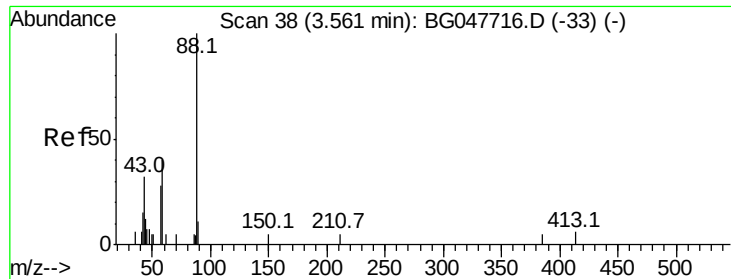
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.986 ng/uL

RT: 3.56 min Scan# 37

Delta R.T. 0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

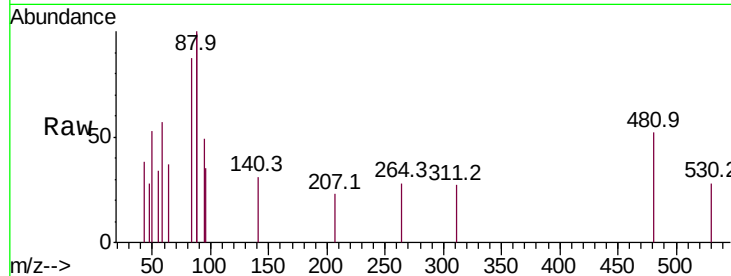
Tot Ion: 88 Resp: 804

Ion Ratio Lower Upper

88 100

43 19.0 40.6 61.0#

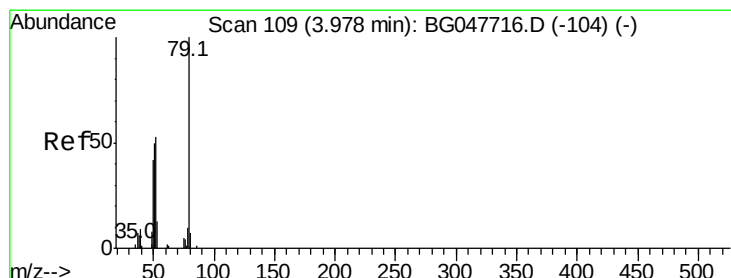
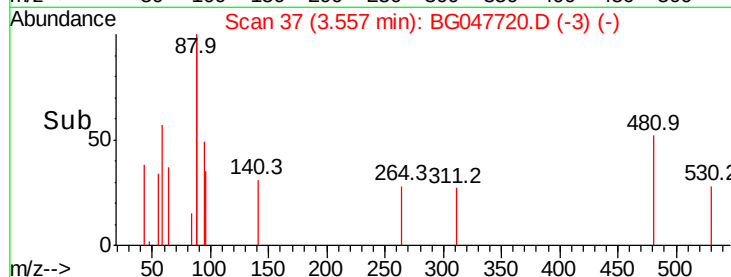
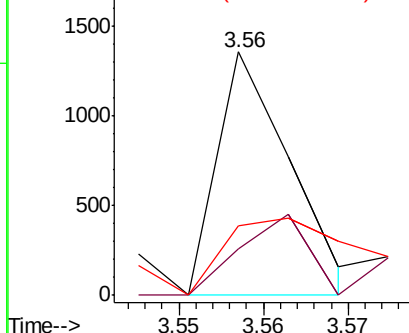
58 28.7 54.0 81.0#



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



#5

Pyridine

Concen: 2.733 ng/uL

RT: 3.98 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

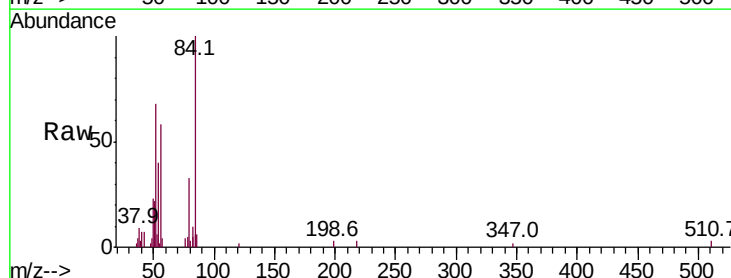
Tgt Ion: 79 Resp: 5749

Ion Ratio Lower Upper

79 100

52 206.9 60.8 91.2#

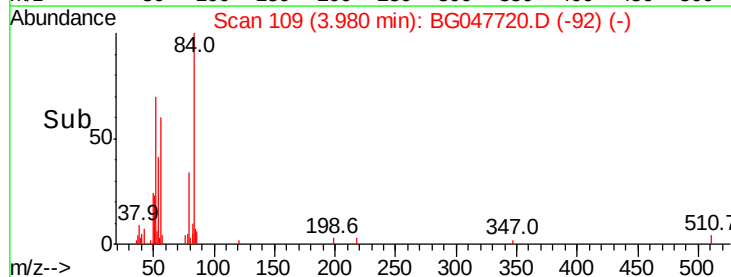
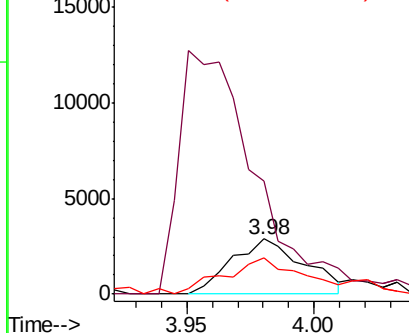
51 66.9 42.4 63.6#

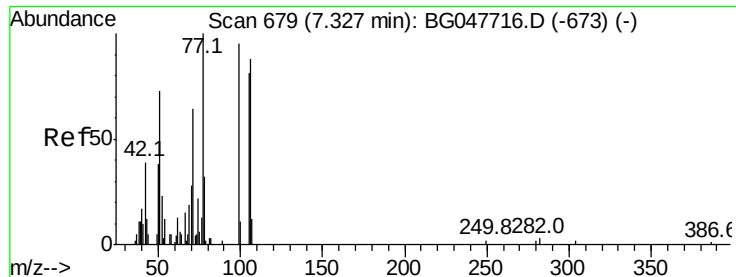


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#6

Benzaldehyde

Concen: 5.271 ng/ul

RT: 7.33 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

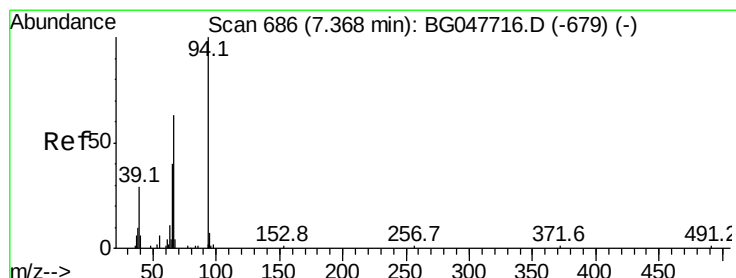
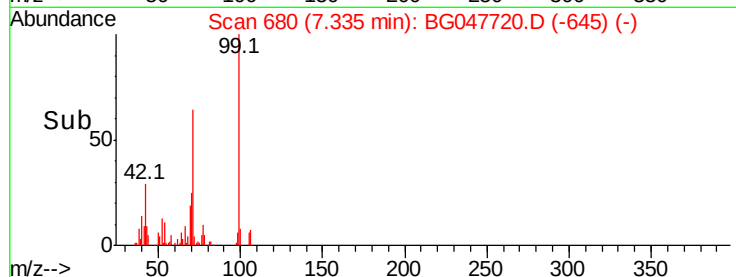
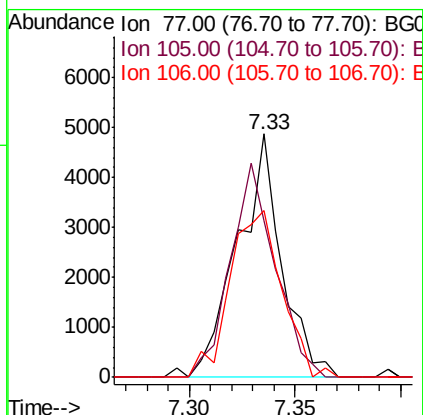
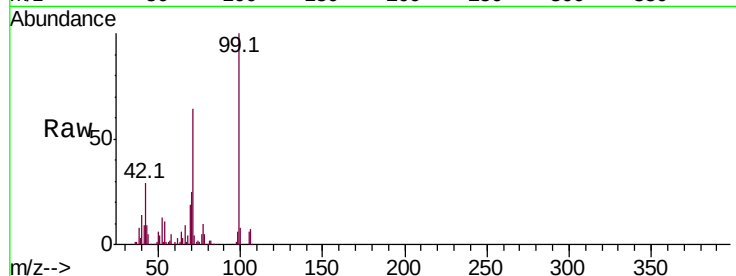
Tot Ion: 77 Resp: 7063

Ion Ratio Lower Upper

77 100

105 64.1 67.9 101.9#

106 68.3 68.1 102.1



#8

Phenol

Concen: 3.062 ng/ul

RT: 7.36 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

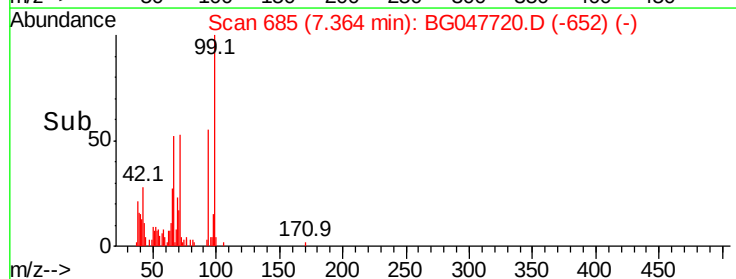
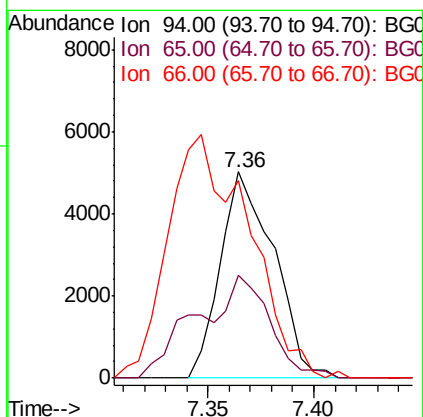
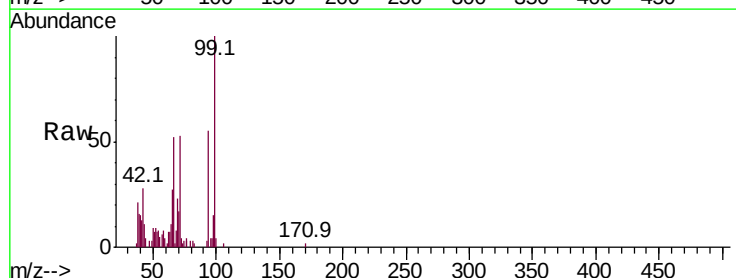
Tgt Ion: 94 Resp: 8775

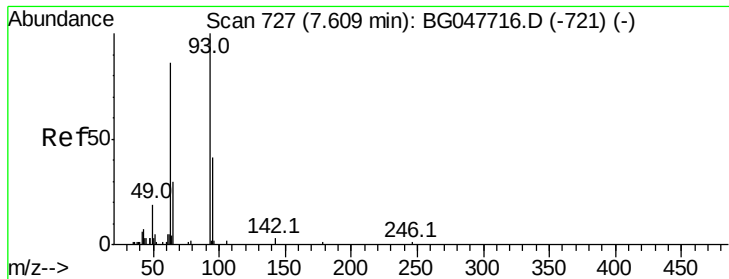
Ion Ratio Lower Upper

94 100

65 50.0 37.2 55.8

66 96.1 63.2 94.8#





#10

Bis(2-Chloroethyl)ether

Concen: 3.283 ng/ul

RT: 7.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

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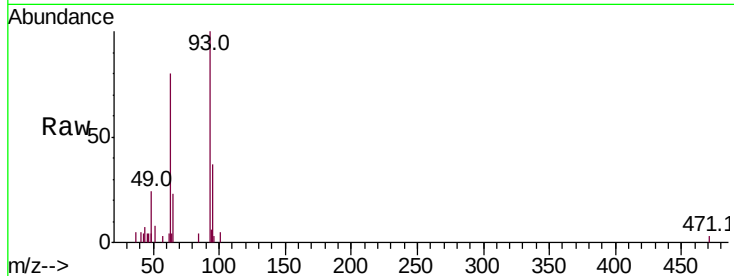
Tot Ion: 93 Resp: 6544

Ion Ratio Lower Upper

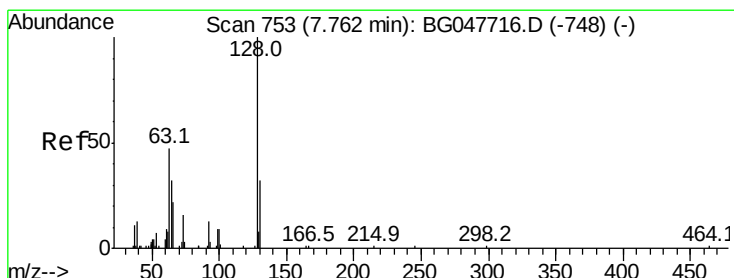
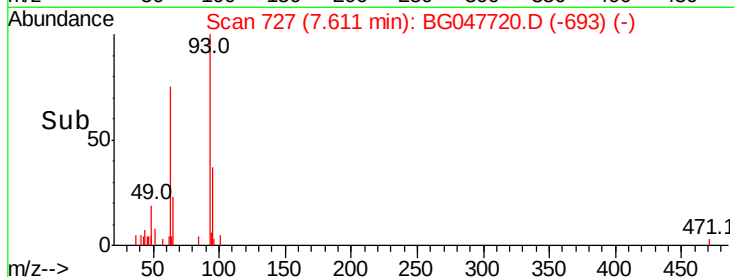
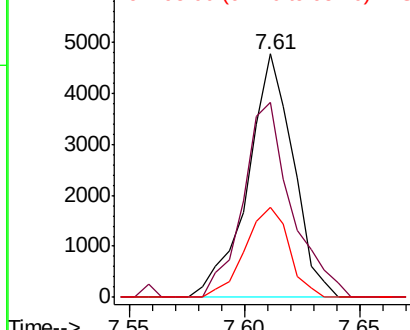
93 100

63 80.3 58.2 87.4

95 36.9 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: 3.315 ng/ul

RT: 7.76 min Scan# 753

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

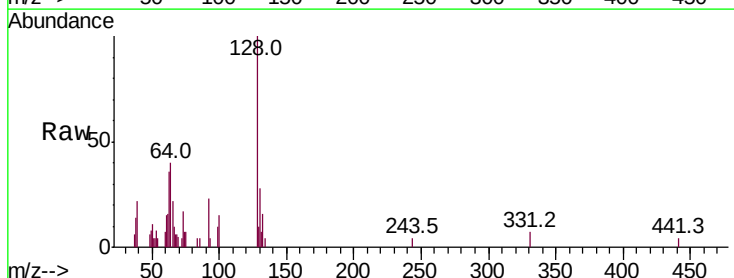
Tgt Ion:128 Resp: 7252

Ion Ratio Lower Upper

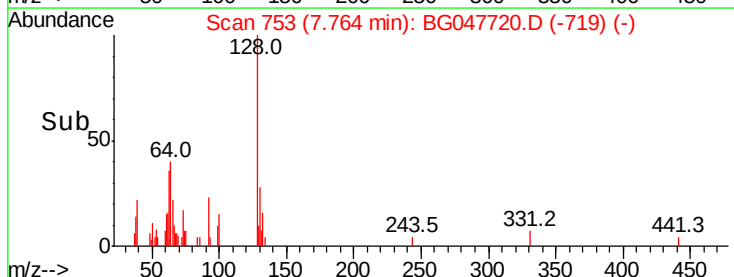
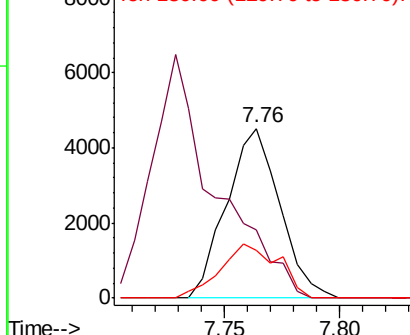
128 100

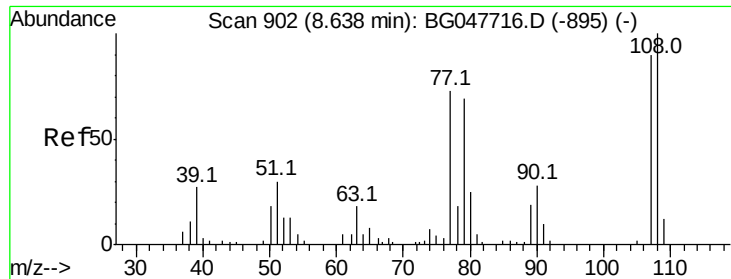
64 40.3 40.2 60.2

130 27.9 24.6 36.8



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

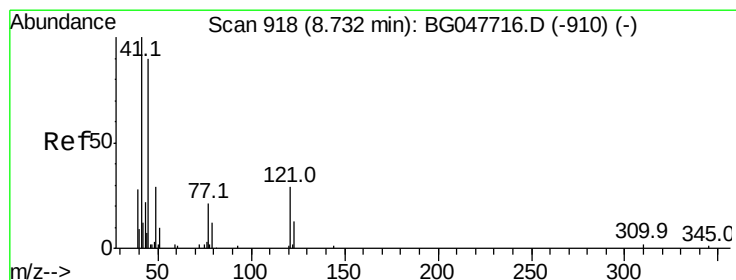
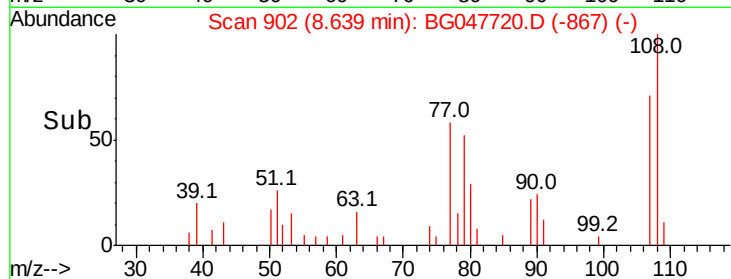
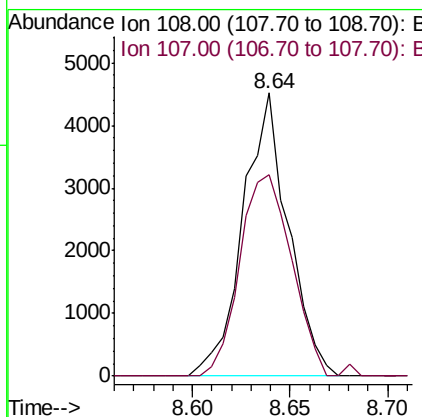
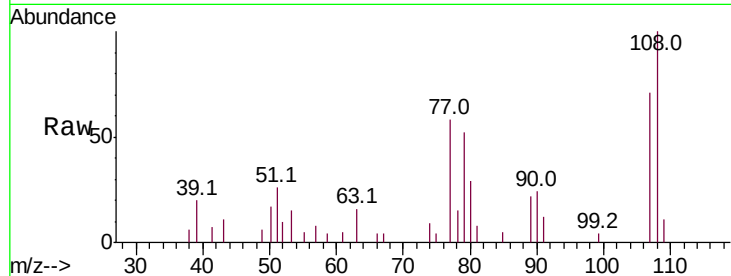




#13
 2-Methylphenol
 Concen: 3.328 ng/ul
 RT: 8.64 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

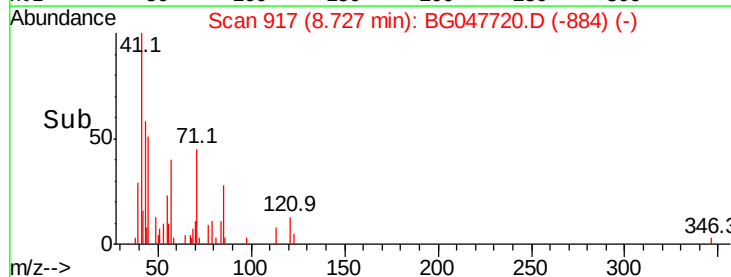
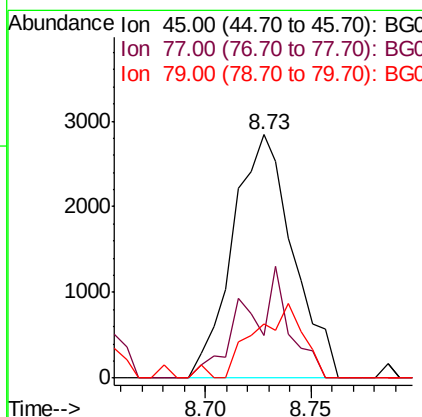
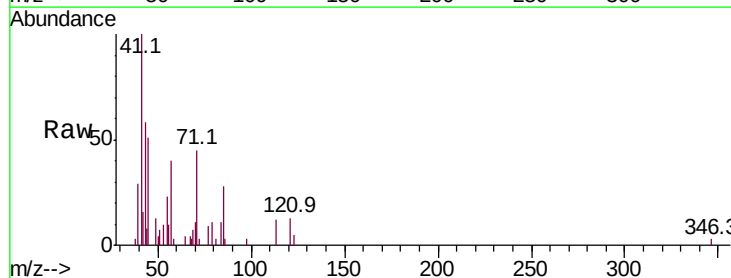
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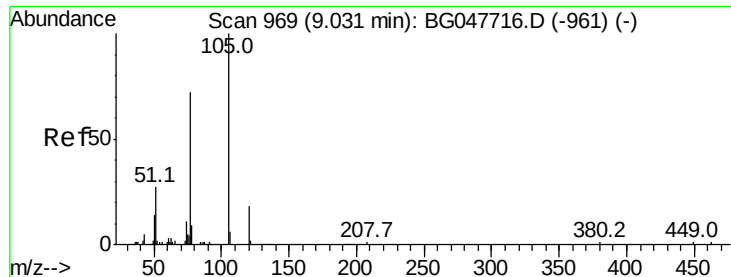
Tot Ion: 108 Resp: 7255
 Ion Ratio Lower Upper
 108 100
 107 71.1 83.8 125.6#



#14
 2,2'-oxybis(1-Chloropropane)
 Concen: 3.023 ng/ul
 RT: 8.73 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

Tgt Ion: 45 Resp: 5608
 Ion Ratio Lower Upper
 45 100
 77 17.5 18.3 27.5#
 79 22.2 17.0 25.6





#16

Acetophenone

Concen: 3.204 ng/ul

RT: 9.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

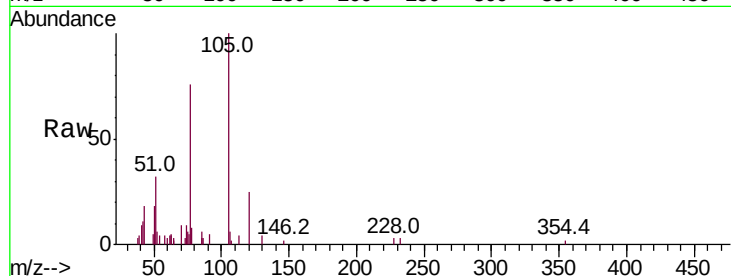
Tot Ion:105 Resp: 11936

Ion Ratio Lower Upper

105 100

77 76.0 64.5 96.7

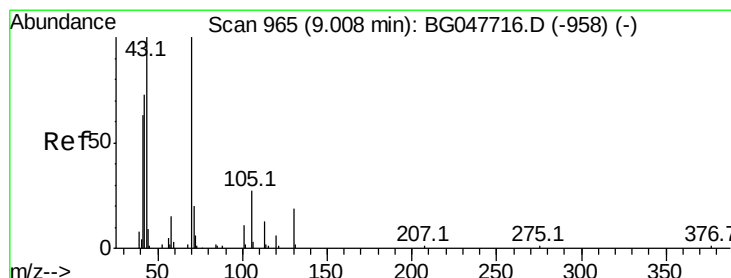
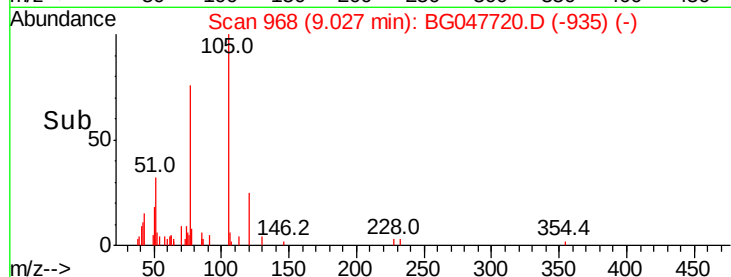
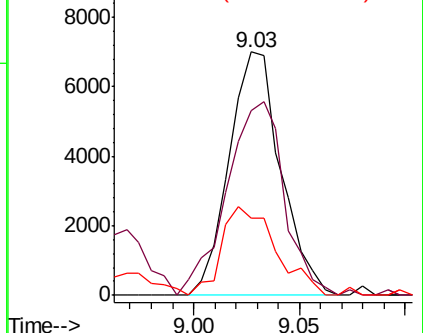
51 31.7 27.7 41.5



Abundance Ion 105.00 (104.70 to 105.70): BGC

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: 3.077 ng/ul

RT: 9.01 min Scan# 965

Delta R.T. 0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Tgt Ion: 70 Resp: 6295

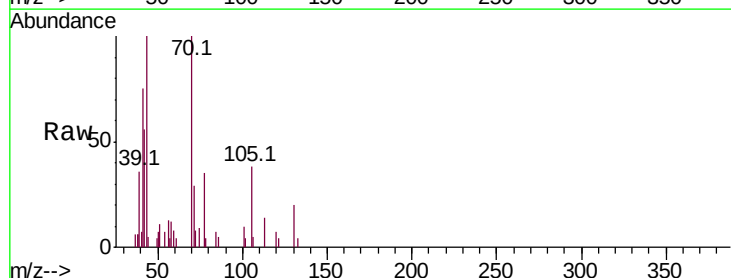
Ion Ratio Lower Upper

70 100

42 55.6 45.0 67.6

101 10.1 7.0 10.4

130 19.7 11.8 17.8#

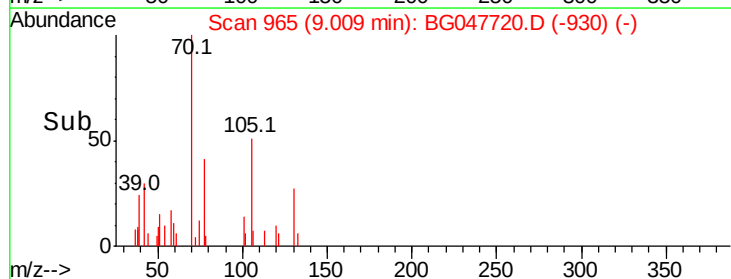
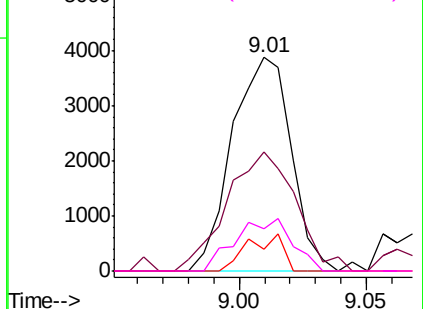


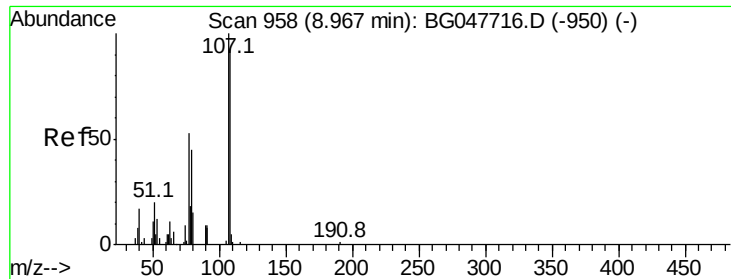
Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 2.227 ng/ul

RT: 8.96 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

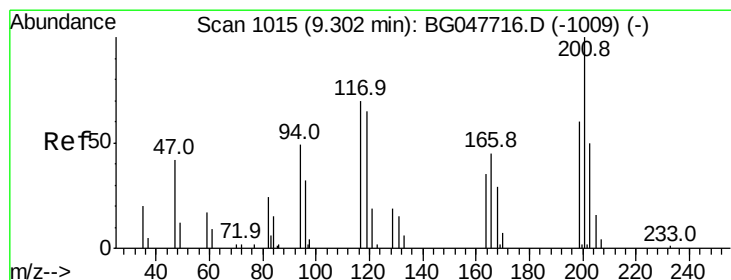
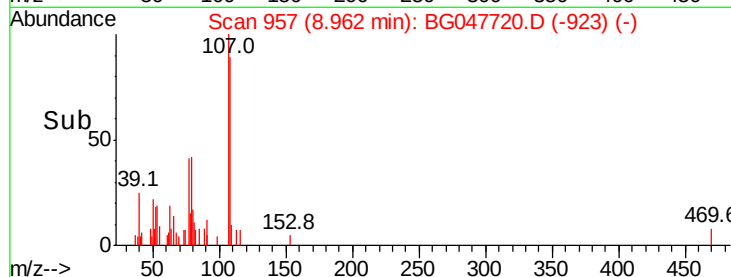
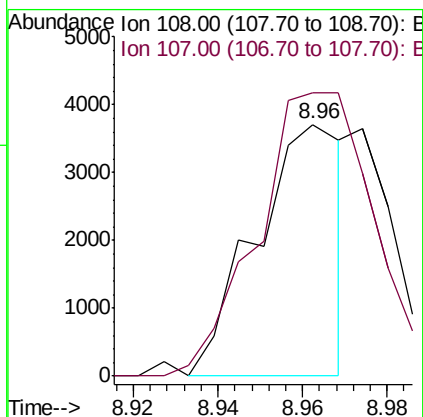
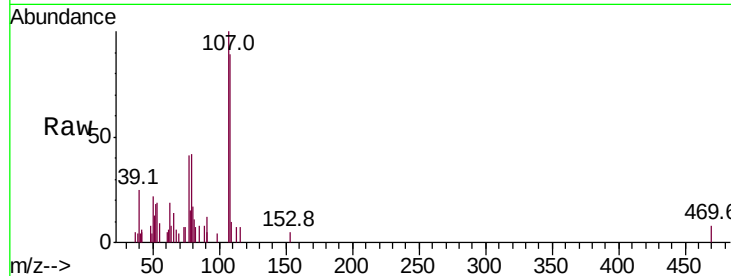
MDL-SOIL-02

Tot Ion:108 Resp: 5328

Ion Ratio Lower Upper

108 100

107 112.4 87.4 131.0



#19

Hexachloroethane

Concen: 3.076 ng/ul

RT: 9.31 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

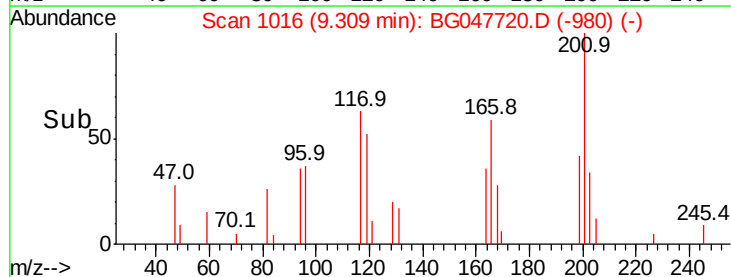
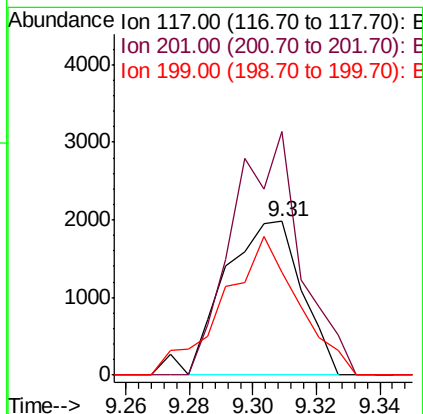
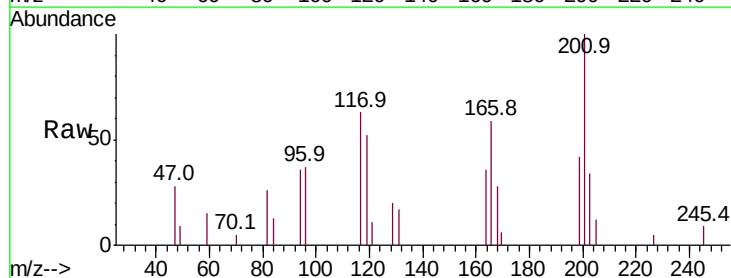
Tgt Ion:117 Resp: 3296

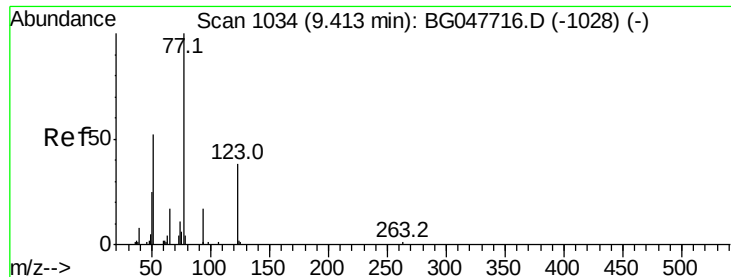
Ion Ratio Lower Upper

117 100

201 158.1 96.7 145.1#

199 66.4 56.6 85.0

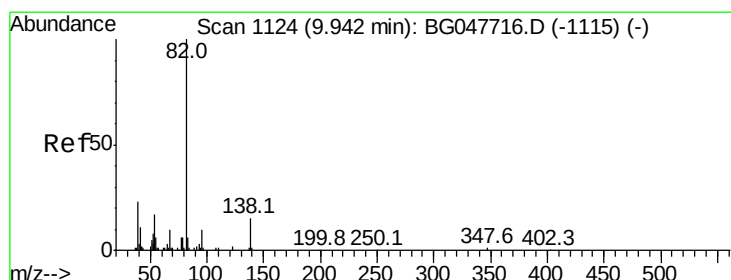
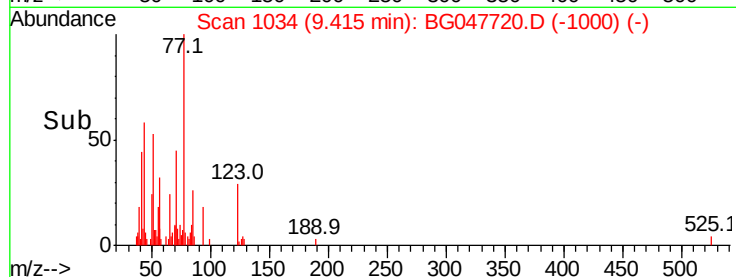
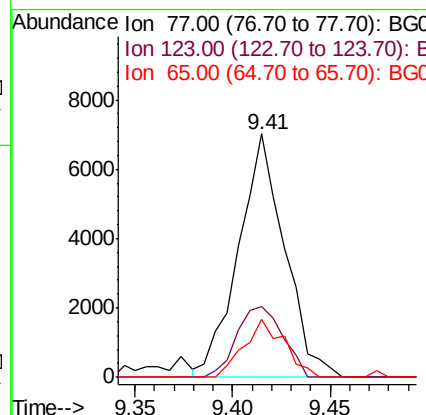
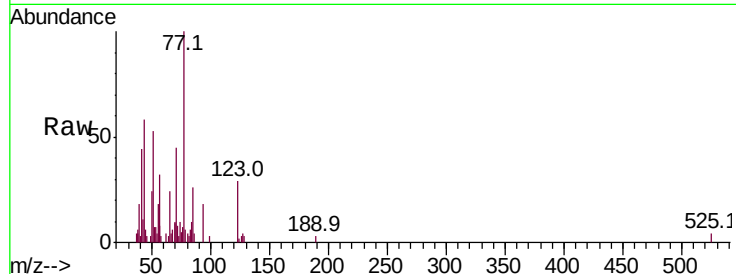




#22
Nitrobenzene
Concen: 3.238 ng/ul
RT: 9.41 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

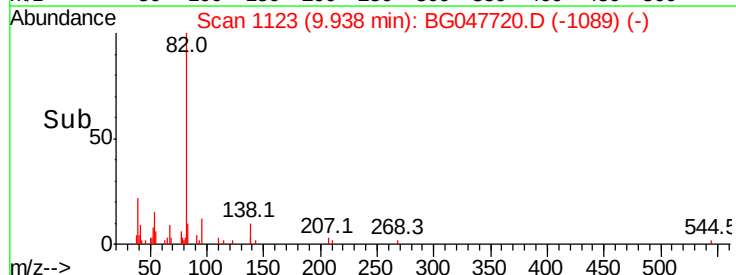
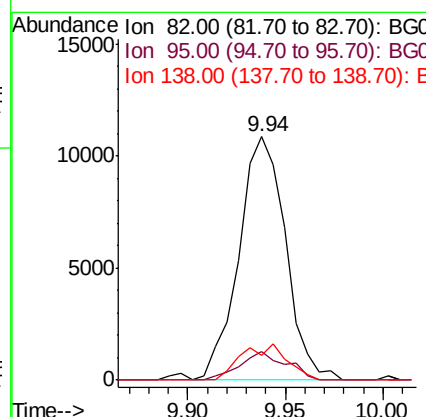
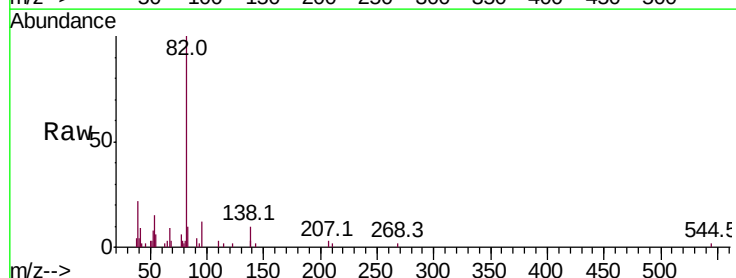
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

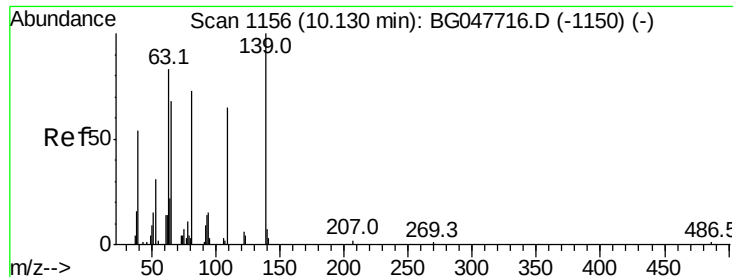
Tot Ion	Ratio	Lower	Upper
77	100		
123	29.3	22.5	33.7
65	23.8	13.8	20.6



#23
Isophorone
Concen: 2.922 ng/ul
RT: 9.94 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Tgt Ion	Ratio	Lower	Upper
82	100		
95	11.9	8.7	13.1
138	10.4	12.4	18.6





#25

2-Nitrophenol

Concen: 2.332 ng/ul

RT: 10.13 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

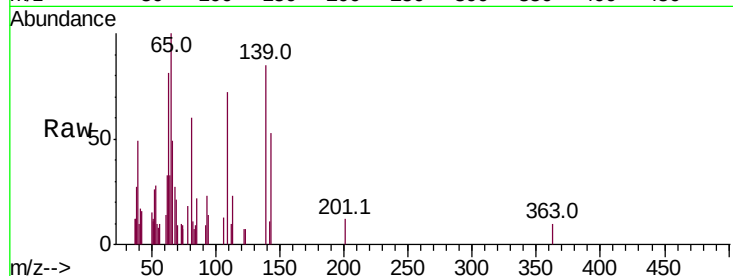
Tot Ion:139 Resp: 3308

Ion Ratio Lower Upper

139 100

65 118.1 58.7 88.1#

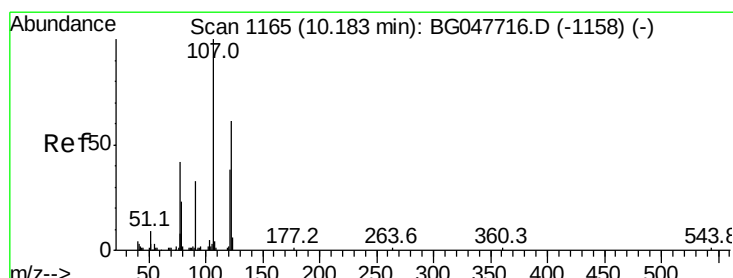
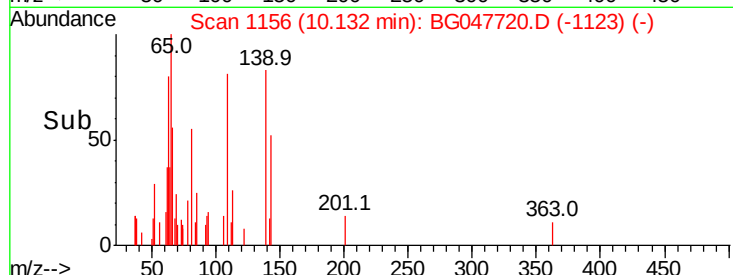
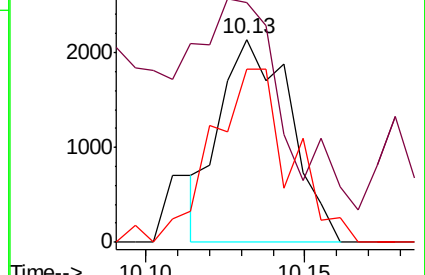
109 85.1 48.2 72.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 2.833 ng/ul

RT: 10.18 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

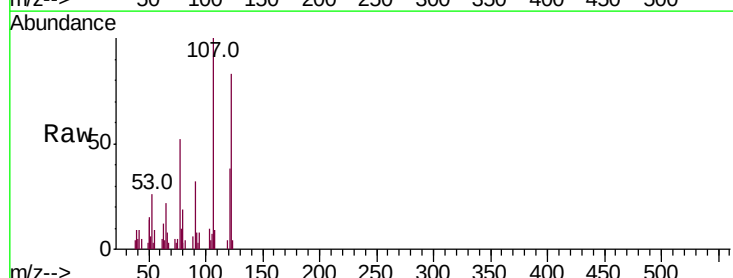
Tgt Ion:107 Resp: 9436

Ion Ratio Lower Upper

107 100

121 38.4 36.7 55.1

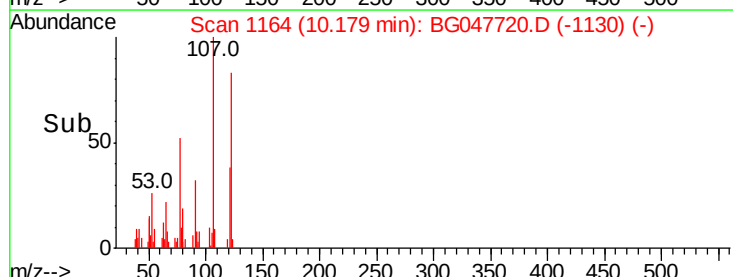
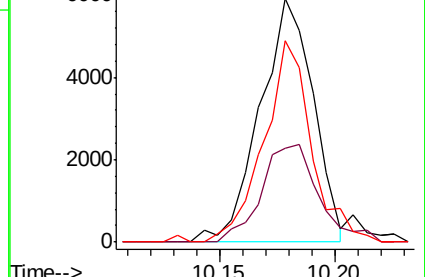
122 82.9 57.7 86.5

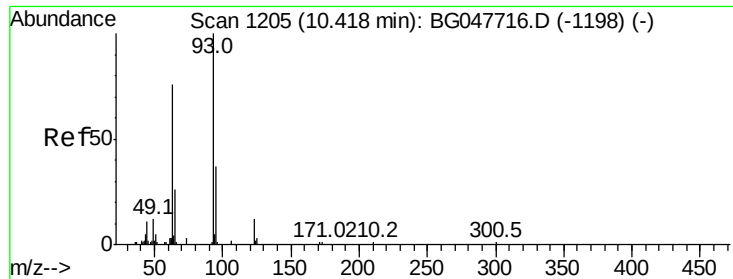


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Bis(2-Chloroethoxy)methane

Concen: 2.764 ng/ul

RT: 10.42 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

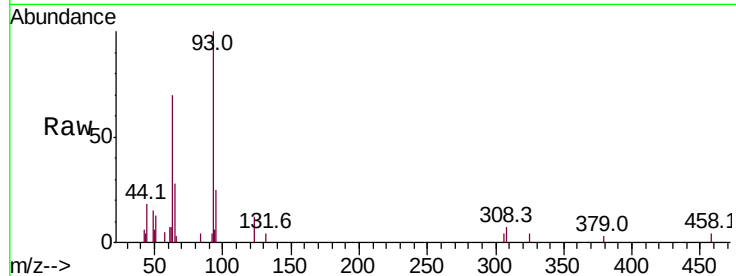
Tot Ion: 93 Resp: 8138

Ion Ratio Lower Upper

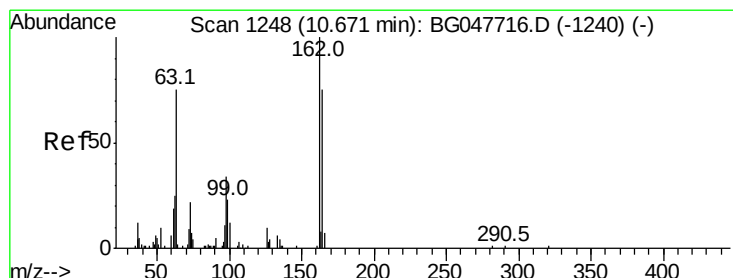
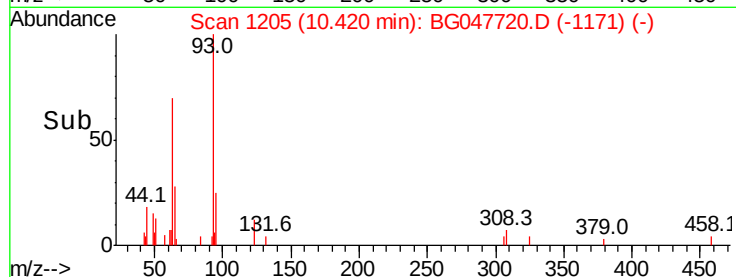
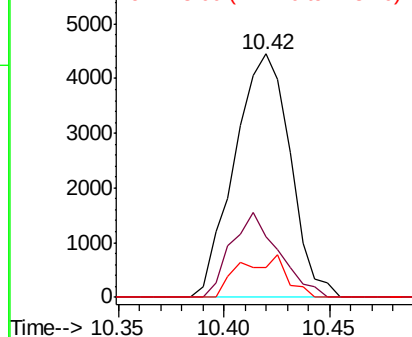
93 100

95 24.8 23.4 35.2

123 12.1 8.0 12.0#



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): BGC



#29

2,4-Dichlorophenol

Concen: 2.854 ng/ul

RT: 10.67 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

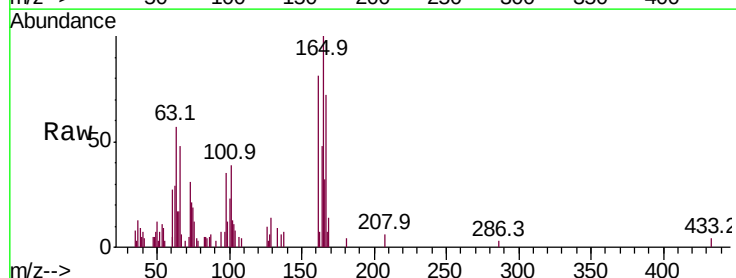
Tgt Ion:162 Resp: 7509

Ion Ratio Lower Upper

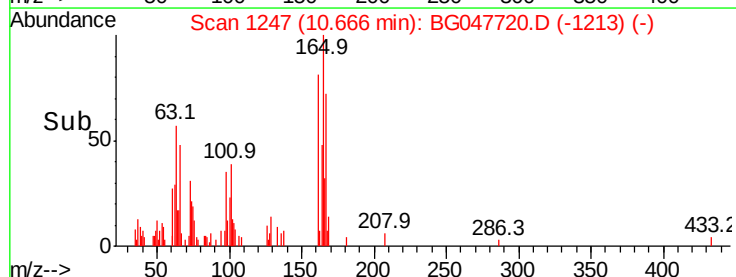
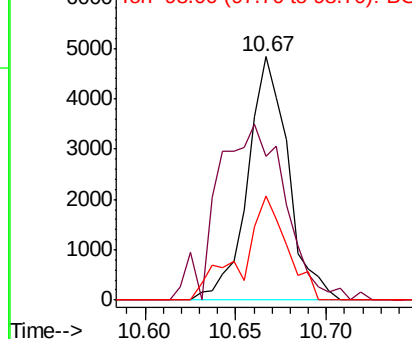
162 100

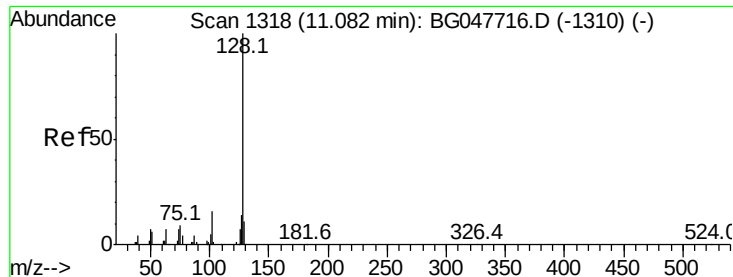
164 59.1 48.7 73.1

98 42.6 27.3 40.9#



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC





#30

Naphthalene

Concen: 3.062 ng/ul

RT: 11.08 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

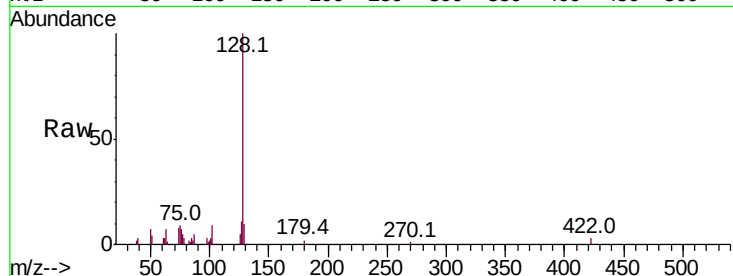
Tot Ion:128 Resp: 23977

Ion	Ratio	Lower	Upper
128	100		
129	9.5	9.3	13.9
127	11.4	11.1	16.7

128 100

129 9.5 9.3 13.9

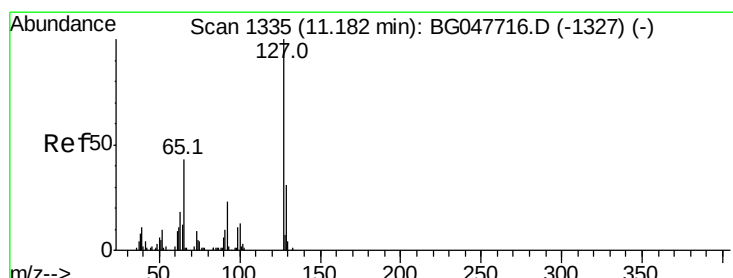
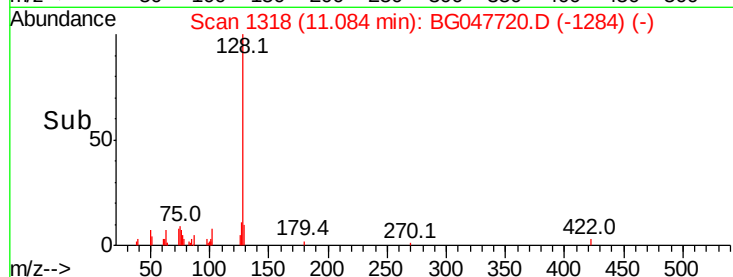
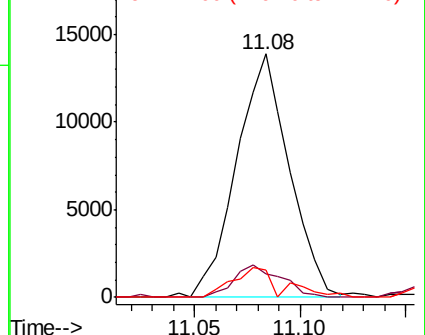
127 11.4 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

4-Chloroaniline

Concen: 3.034 ng/ul

RT: 11.18 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG047720.D

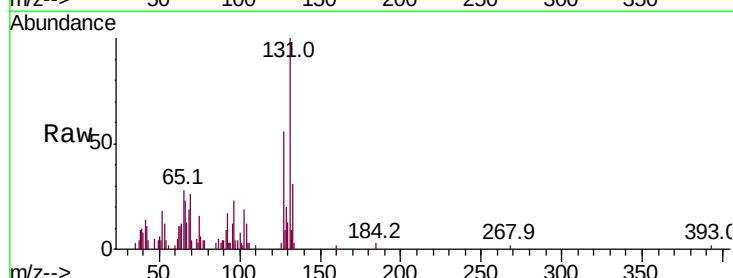
Acq: 11 Dec 2020 19:07

Tgt Ion:127 Resp: 9679

Ion	Ratio	Lower	Upper
127	100		
129	35.0	24.6	37.0

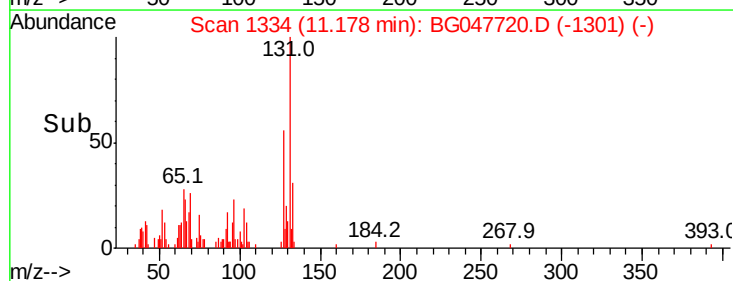
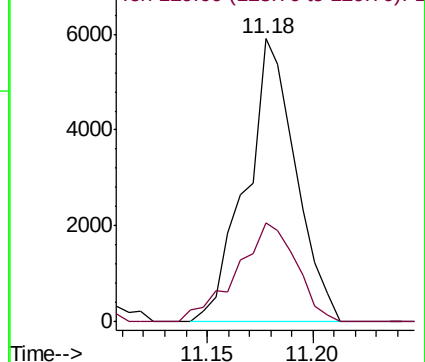
127 100

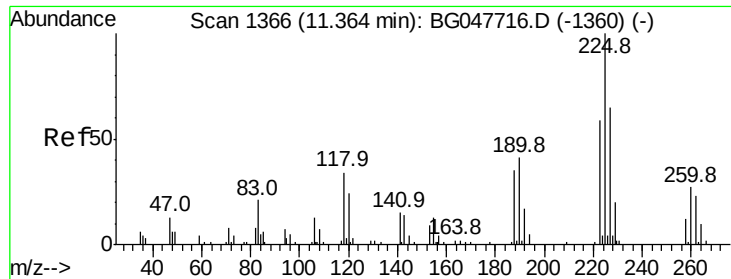
129 35.0 24.6 37.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 3.003 ng/ul

RT: 11.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

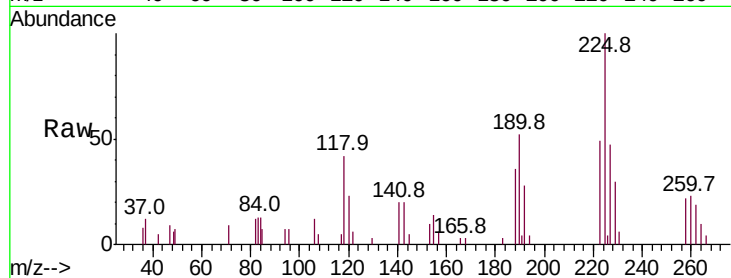
Tot Ion:225 Resp: 8483

Ion Ratio Lower Upper

225 100

223 49.1 57.4 86.0#

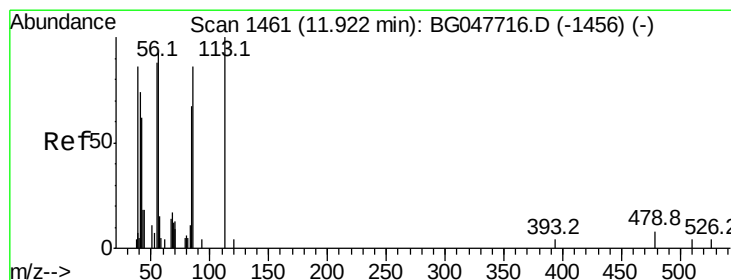
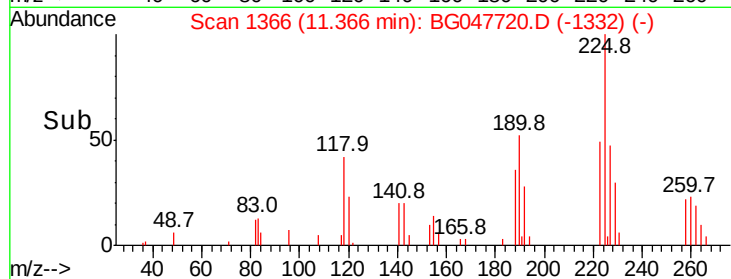
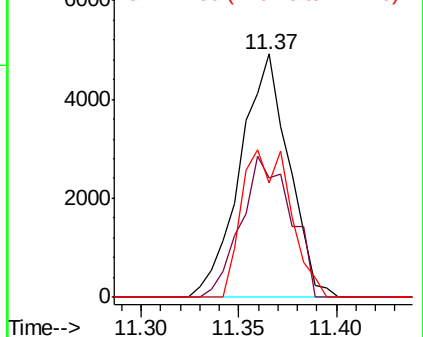
227 46.9 59.2 88.8#



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: 1.501 ng/ul

RT: 11.95 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

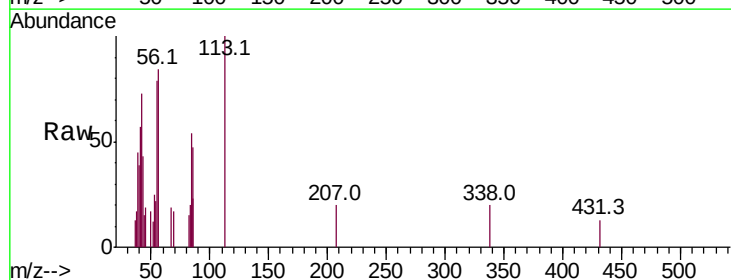
Tgt Ion:113 Resp: 1338

Ion Ratio Lower Upper

113 100

55 79.1 65.1 97.7

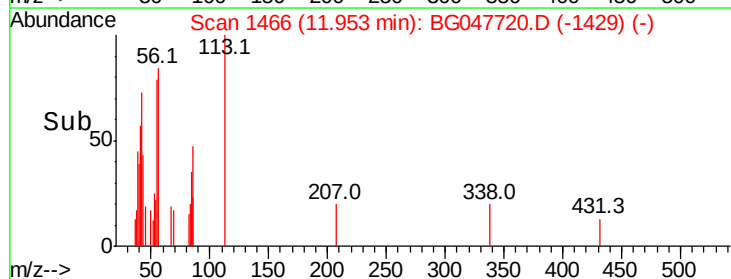
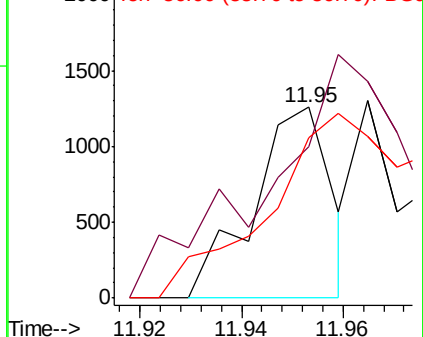
56 84.2 63.1 94.7

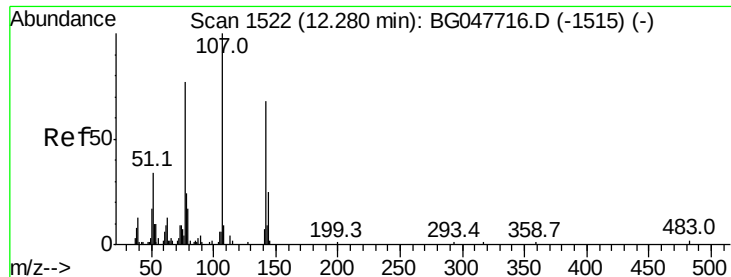


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

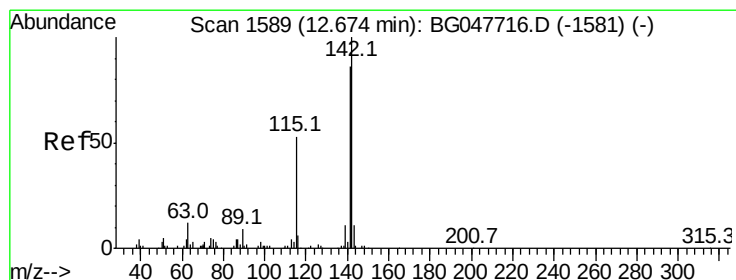
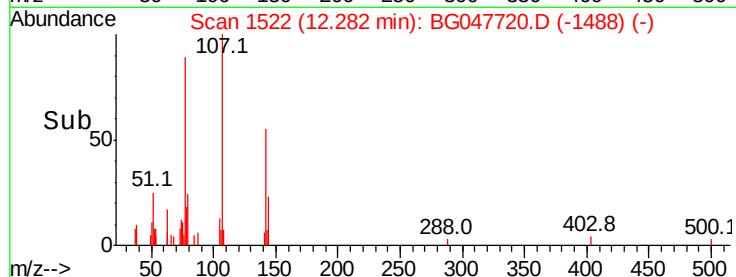
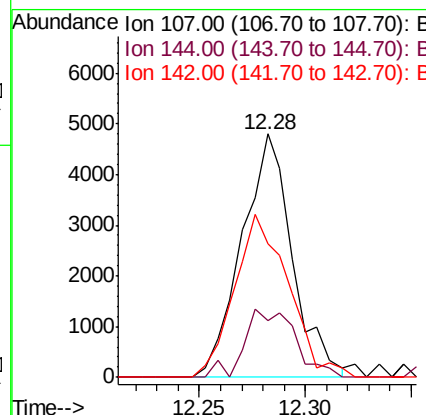
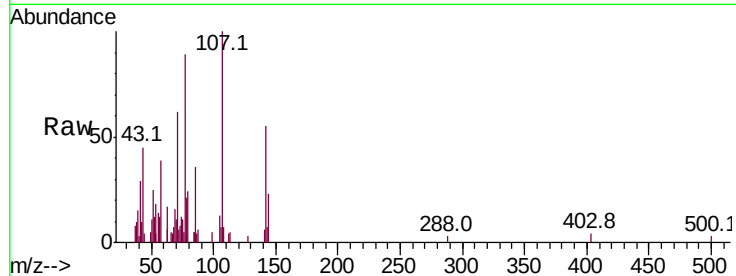




#35
 4-Chloro-3-methylphenol
 Concen: 2.743 ng/ul
 RT: 12.28 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

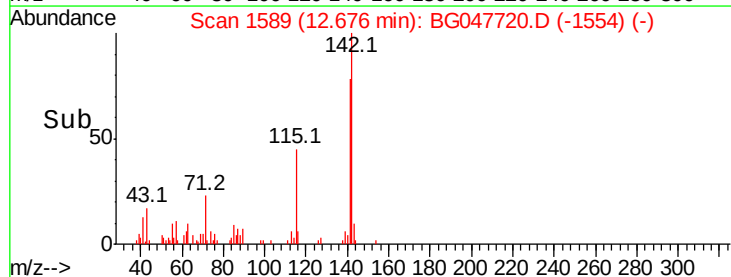
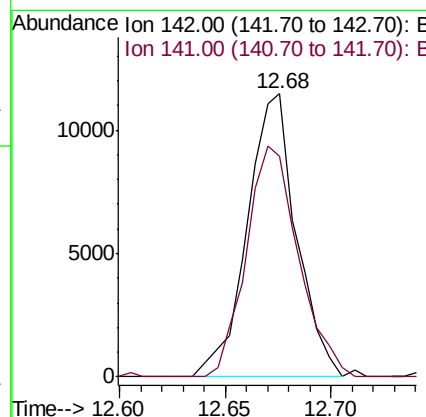
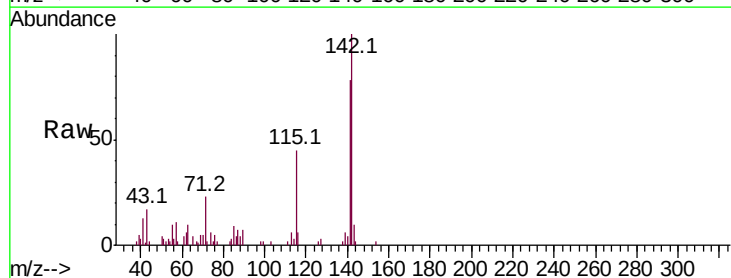
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

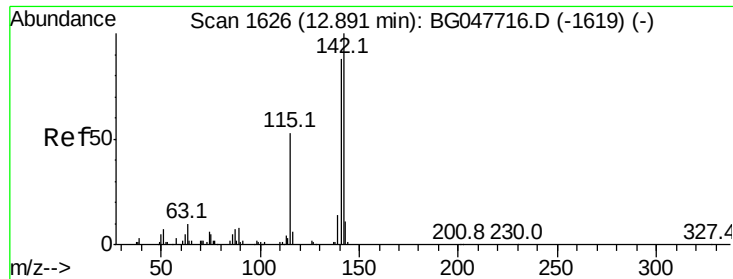
Tot Ion:107 Resp: 7956
 Ion Ratio Lower Upper
 107 100
 144 23.1 14.6 22.0#
 142 55.0 47.7 71.5



#36
 2-Methylnaphthalene
 Concen: 3.138 ng/ul
 RT: 12.68 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

Tgt Ion:142 Resp: 18544
 Ion Ratio Lower Upper
 142 100
 141 77.9 67.0 100.6

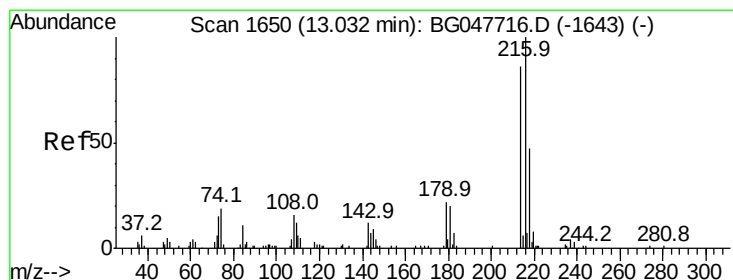
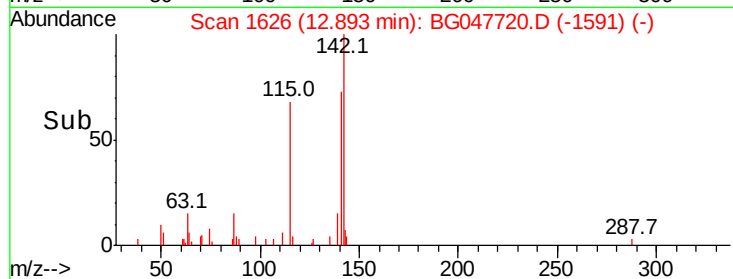
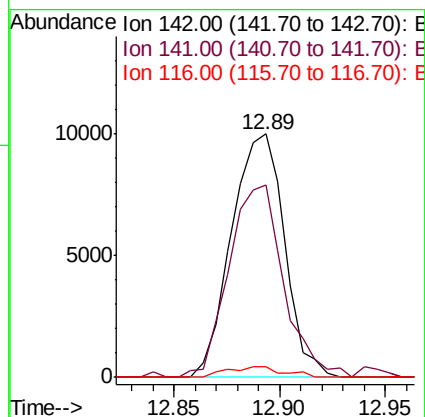
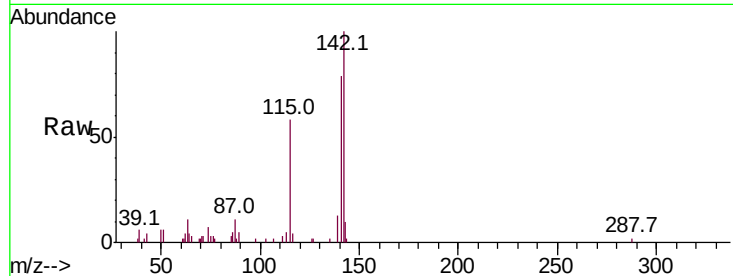




#37
 1-Methylnaphthalene
 Concen: 3.072 ng/ul
 RT: 12.89 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

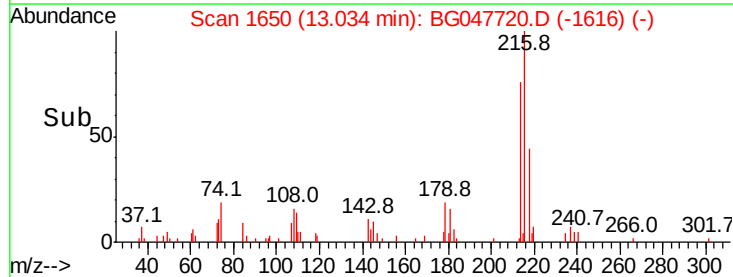
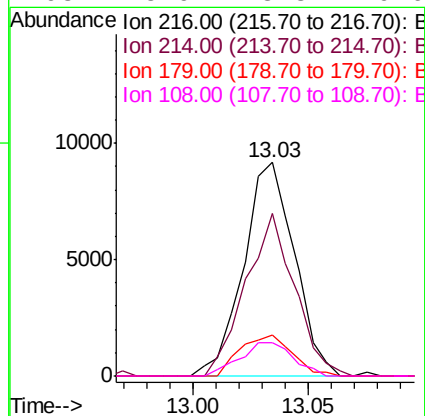
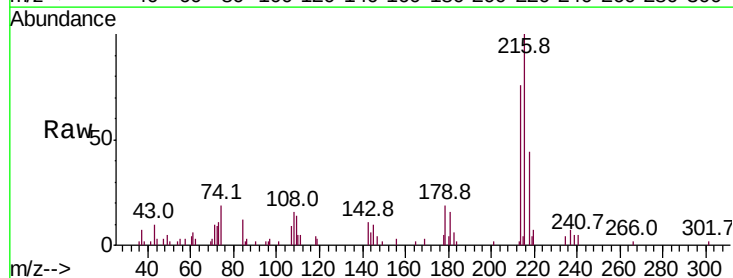
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

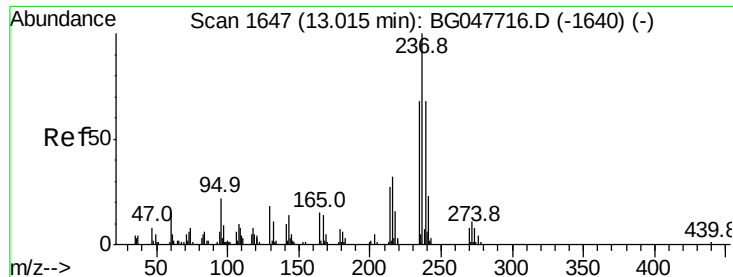
Tot Ion:142 Resp: 17346
 Ion Ratio Lower Upper
 142 100
 141 79.1 74.6 112.0
 116 4.4 4.4 6.6#



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.236 ng/ul
 RT: 13.03 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

Tgt Ion:216 Resp: 14129
 Ion Ratio Lower Upper
 216 100
 214 76.4 69.7 104.5
 179 19.3 15.2 22.8
 108 15.9 13.8 20.6

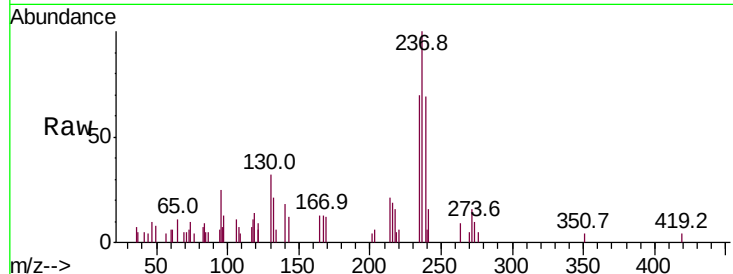




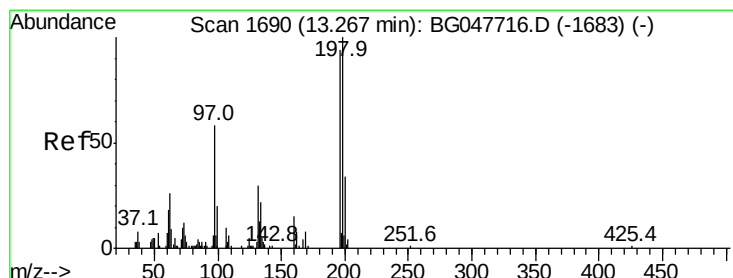
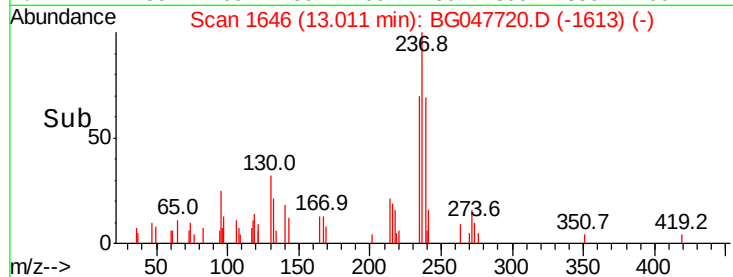
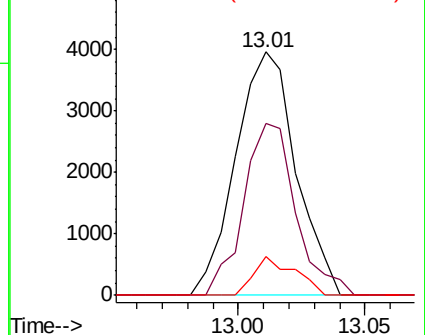
#40
Hexachlorocyclopentadiene
Concen: 2.288 ng/ul
RT: 13.01 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion:237 Resp: 6550
Ion Ratio Lower Upper
237 100
235 70.4 49.4 74.0
272 15.9 8.4 12.6#

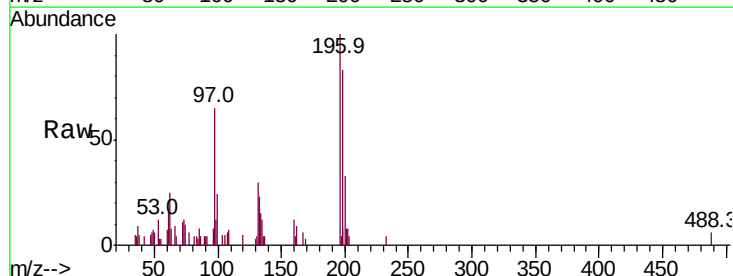


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

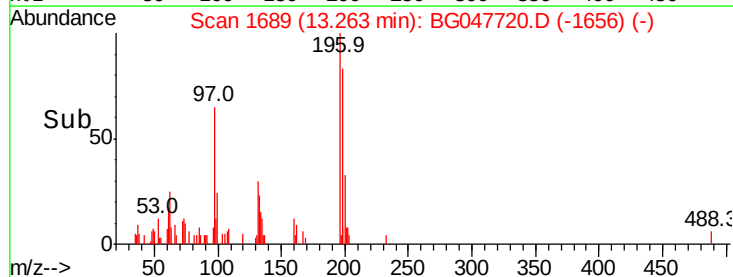
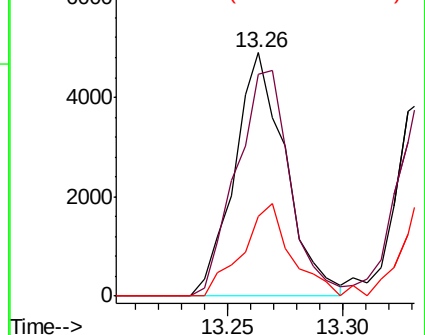


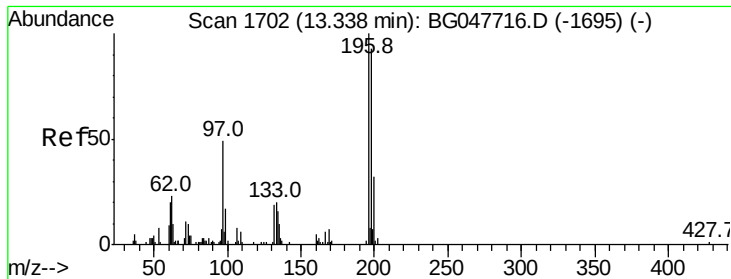
#41
2,4,6-Trichlorophenol
Concen: 2.899 ng/ul
RT: 13.26 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Tgt Ion:196 Resp: 7591
Ion Ratio Lower Upper
196 100
198 91.0 77.6 116.4
200 40.2 27.0 40.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

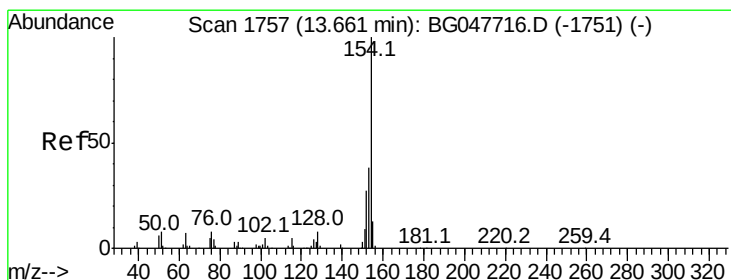
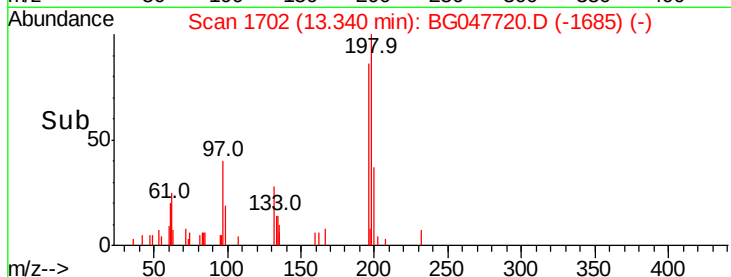
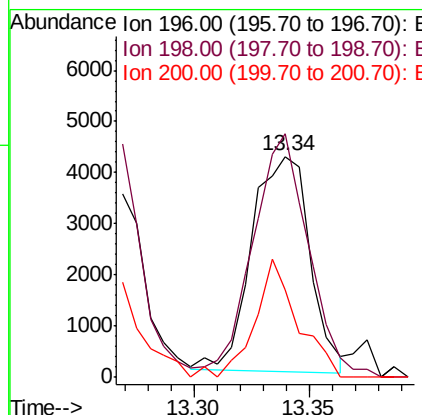
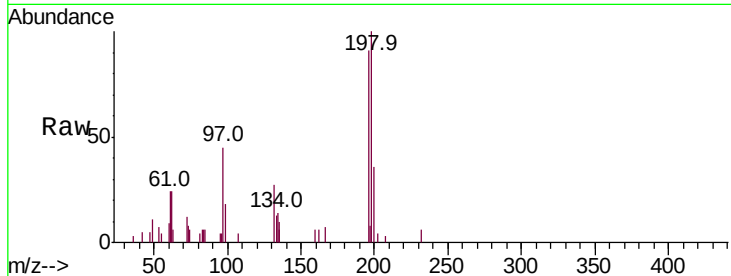




#42
 2,4,5-Trichlorophenol
 Concen: 2.653 ng/ul
 RT: 13.34 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

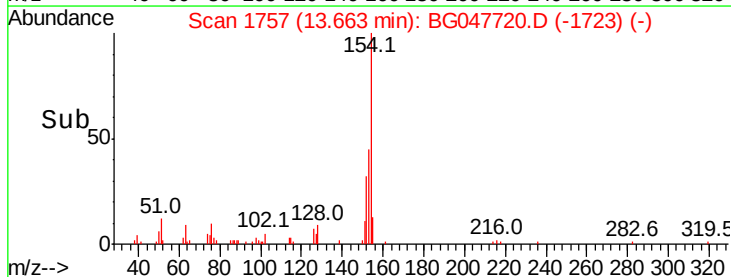
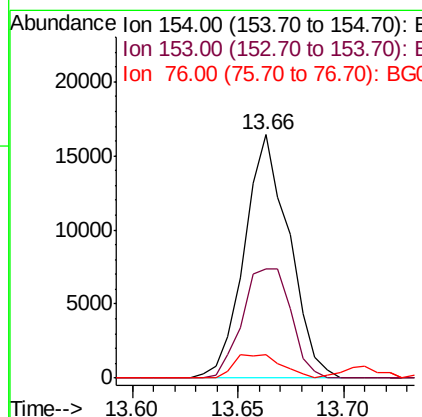
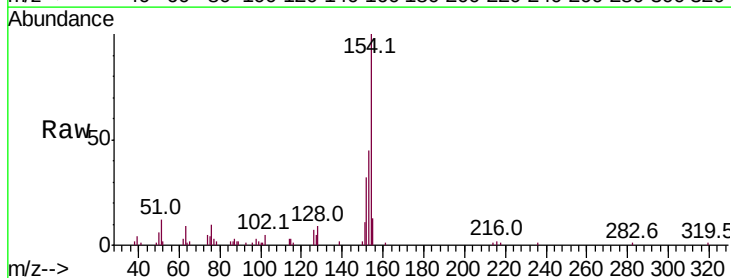
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

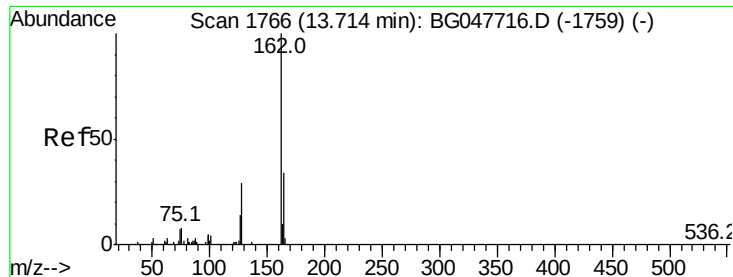
Tot Ion	Ratio	Lower	Upper
196	100		
198	110.3	76.5	114.7
200	39.5	23.4	35.0



#43
 1,1'-Biphenyl
 Concen: 2.953 ng/ul
 RT: 13.66 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.7	33.8	50.6
76	9.8	7.5	11.3





#44

2-Chloronaphthalene

Concen: 3.037 ng/ul

RT: 13.71 min Scan# 1765

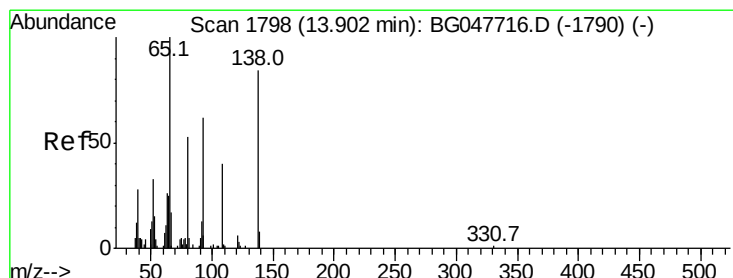
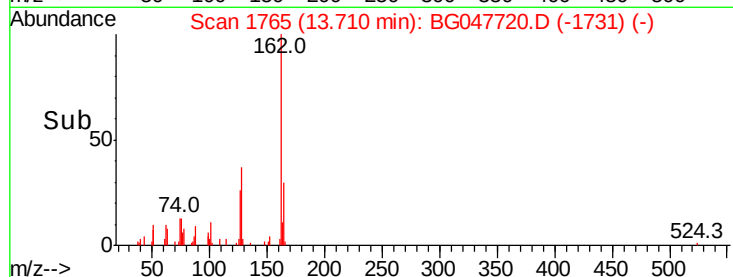
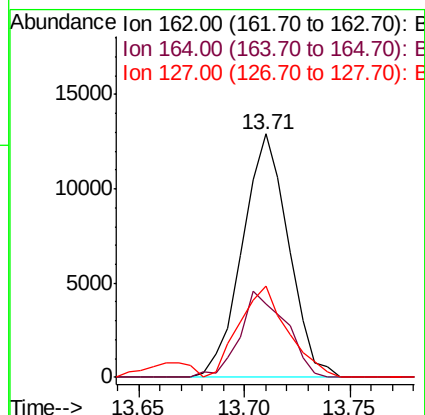
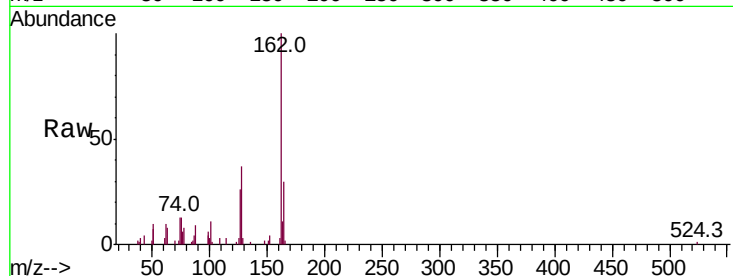
Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
162	100		
164	30.0	27.8	41.6
127	37.3	30.8	46.2



#45

2-Nitroaniline

Concen: 2.939 ng/ul

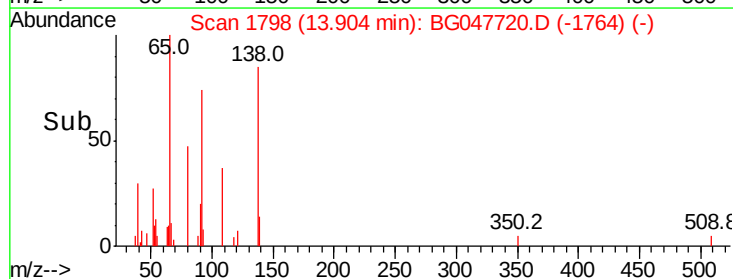
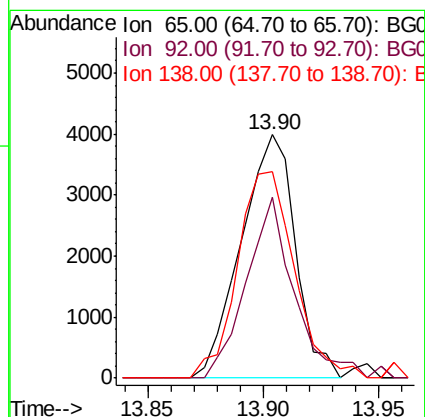
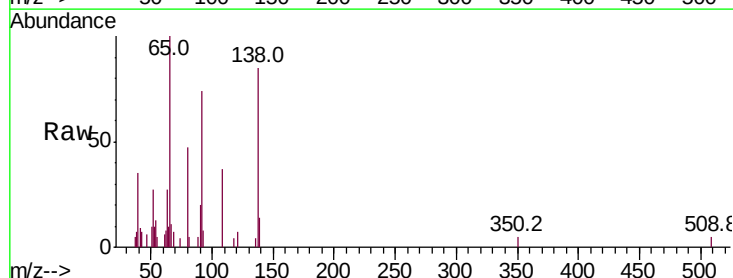
RT: 13.90 min Scan# 1798

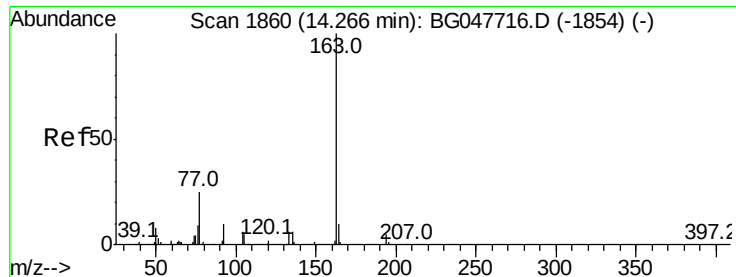
Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	45.8	68.6#
138	84.7	71.1	106.7





#47

Dimethylphthalate

Concen: 3.172 ng/ul

RT: 14.26 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

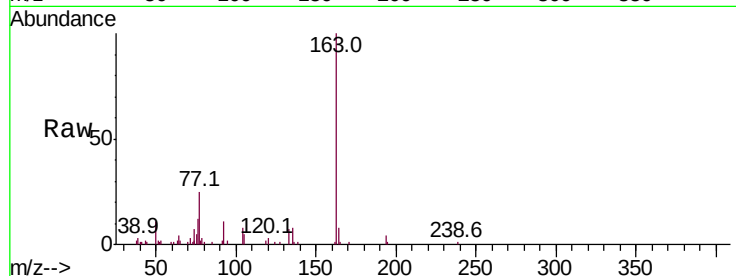
Tot Ion:163 Resp: 28435

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

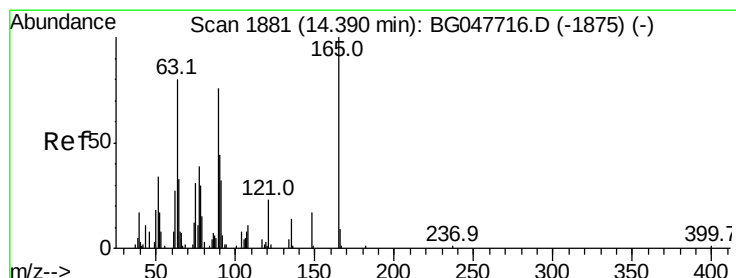
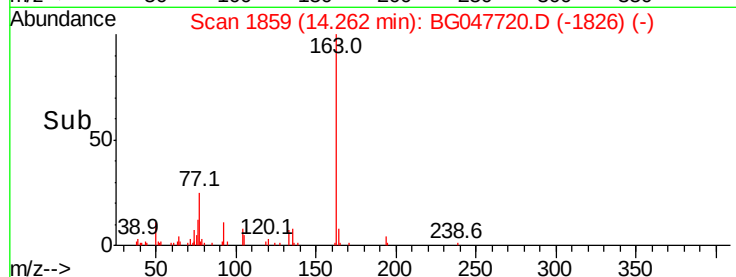
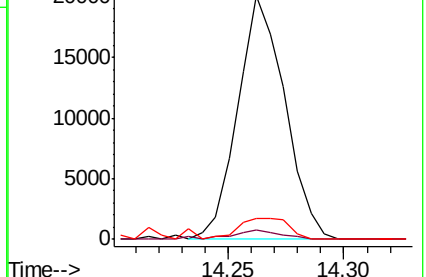
164 8.5 8.1 12.1



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: 3.119 ng/ul

RT: 14.39 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

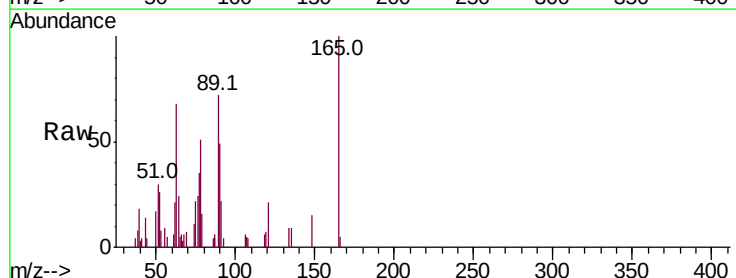
Tgt Ion:165 Resp: 5908

Ion Ratio Lower Upper

165 100

89 71.8 60.7 91.1

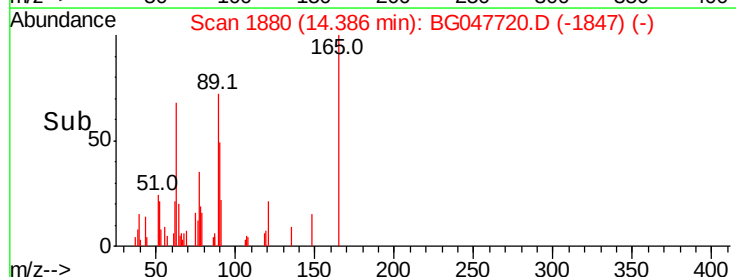
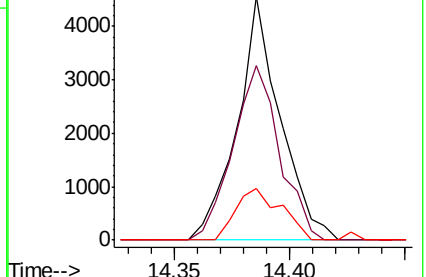
121 20.9 18.1 27.1

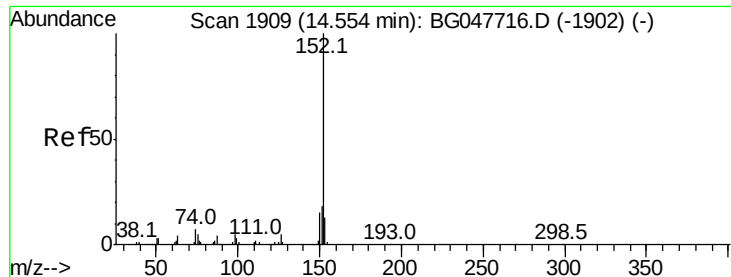


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 3.310 ng/ul

RT: 14.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

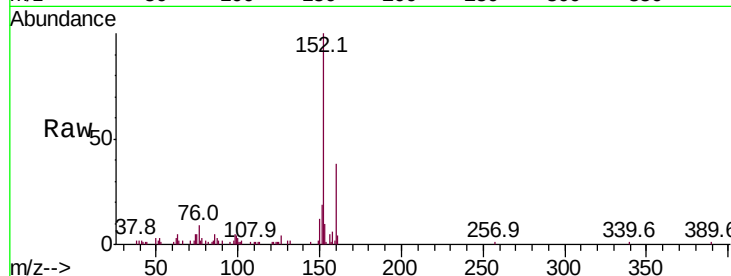
Tot Ion:152 Resp: 31211

Ion Ratio Lower Upper

152 100

151 18.8 15.3 22.9

153 9.9 11.7 17.5#

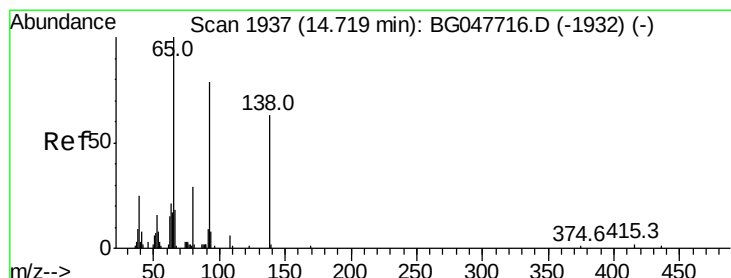
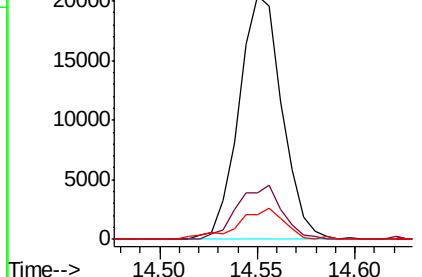
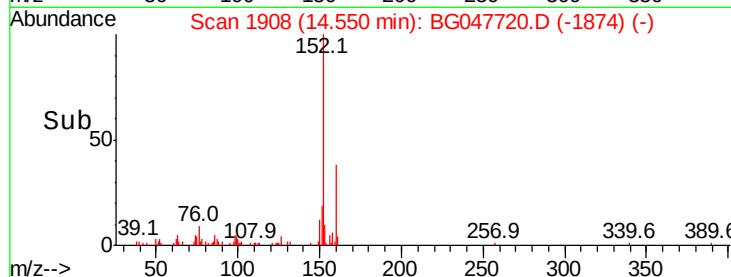


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

Time-->



#51

3-Nitroaniline

Concen: 2.912 ng/ul

RT: 14.71 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

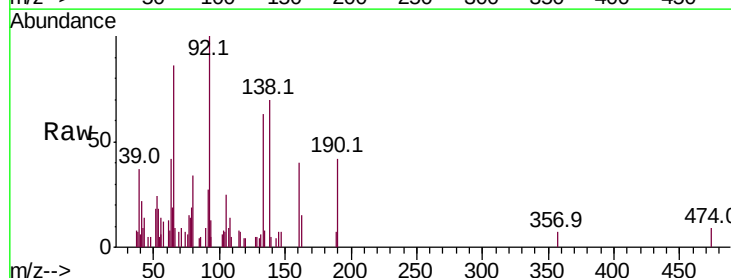
Tgt Ion:138 Resp: 3961

Ion Ratio Lower Upper

138 100

108 27.5 11.9 17.9#

92 143.5 97.7 146.5

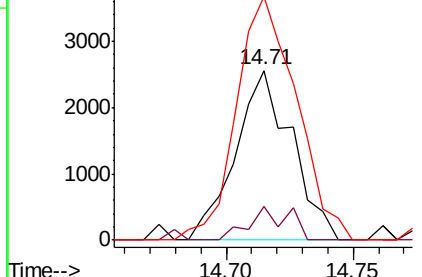
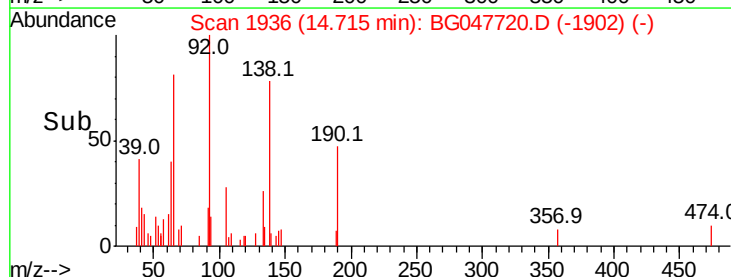


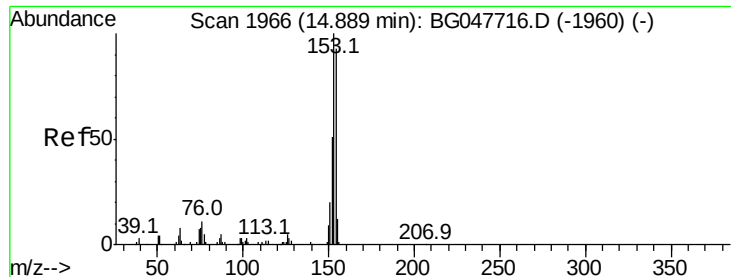
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

Time-->





#52

Acenaphthene

Concen: 3.124 ng/ul

RT: 14.89 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

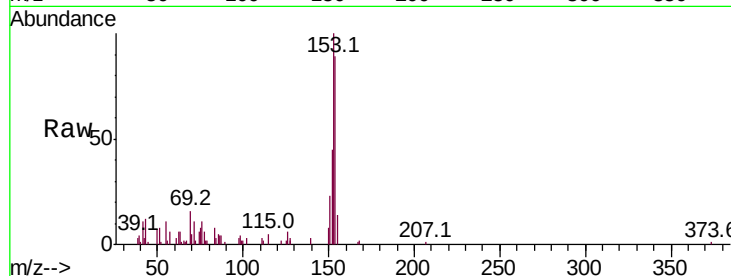
Tot Ion:153 Resp: 20936

Ion Ratio Lower Upper

153 100

152 45.2 34.8 52.2

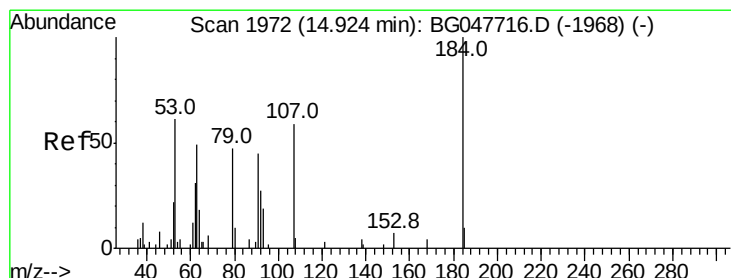
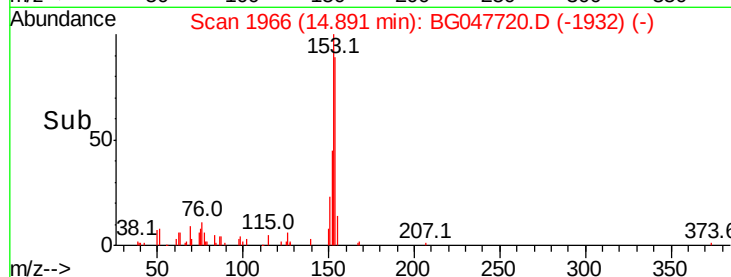
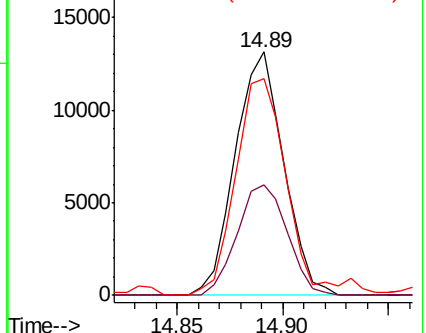
154 88.9 71.2 106.8



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: 0.614 ng/ul

RT: 14.93 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

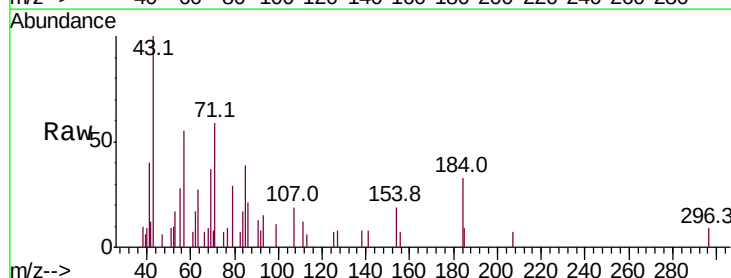
Tgt Ion:184 Resp: 690

Ion Ratio Lower Upper

184 100

63 82.2 46.5 69.7#

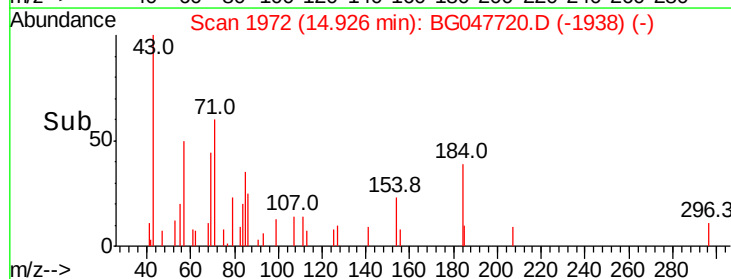
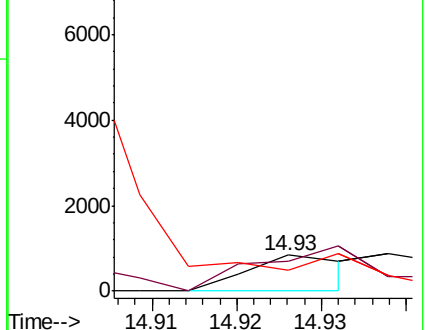
154 59.0 58.4 87.6

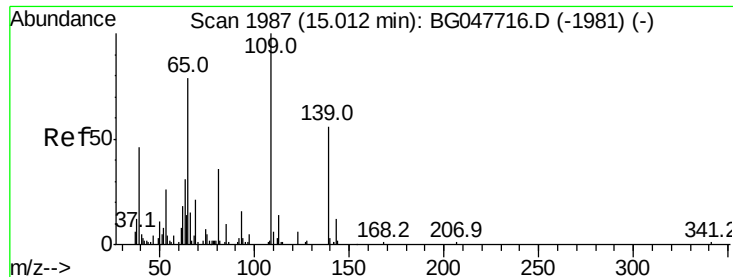


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

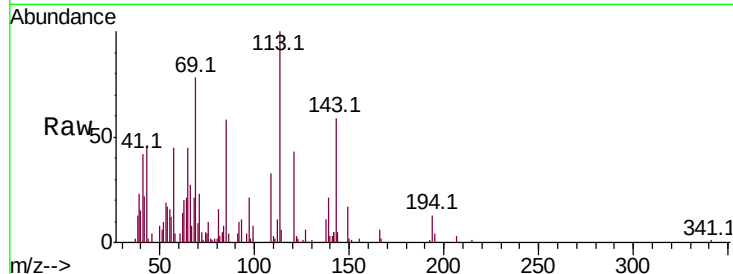




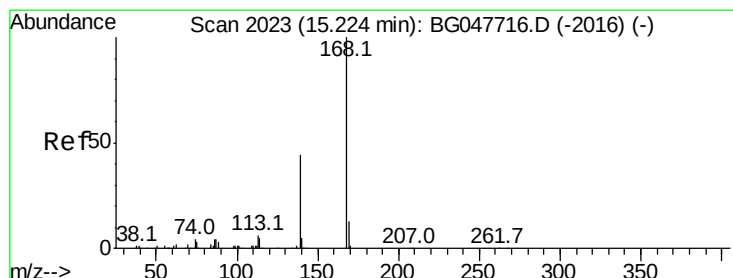
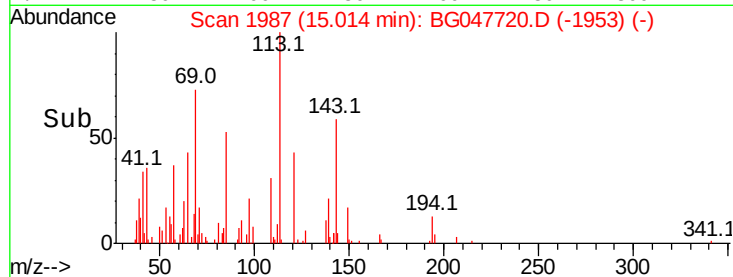
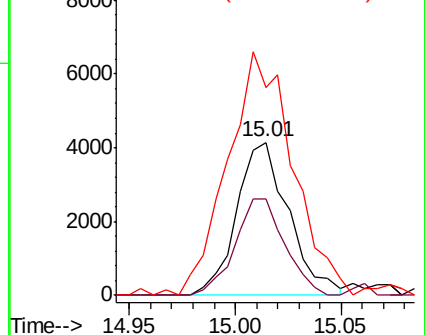
#55
4-Nitrophenol
Concen: 3.128 ng/ul
RT: 15.01 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion:109 Resp: 7069
Ion Ratio Lower Upper
109 100
139 62.7 47.0 70.6
65 135.9 74.7 112.1#

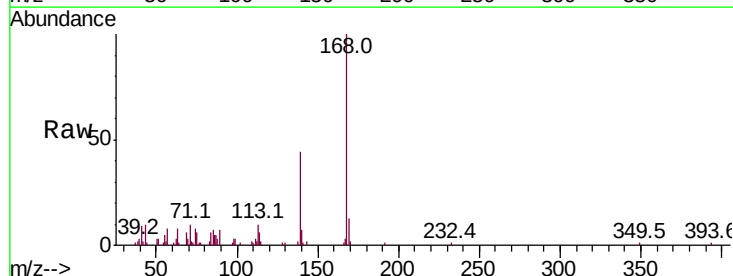


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC

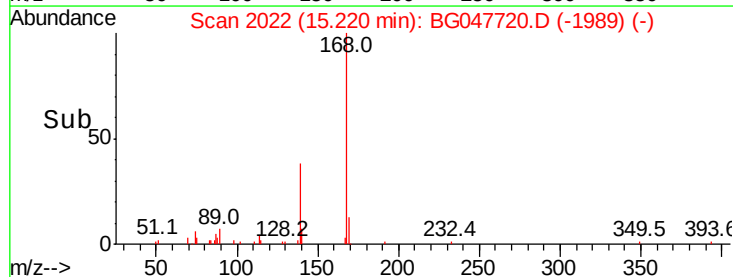
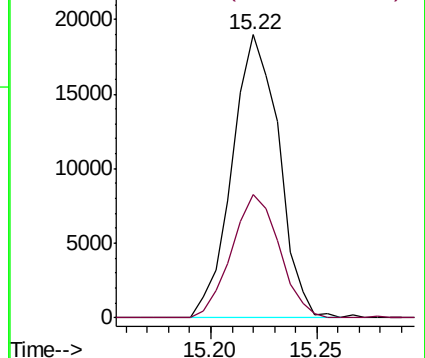


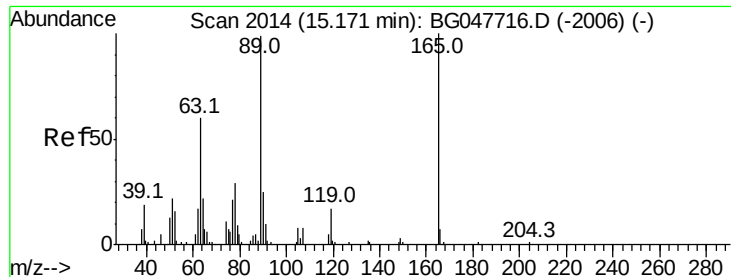
#56
Dibenzofuran
Concen: 2.996 ng/ul
RT: 15.22 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Tgt Ion:168 Resp: 29079
Ion Ratio Lower Upper
168 100
139 43.7 34.0 51.0



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

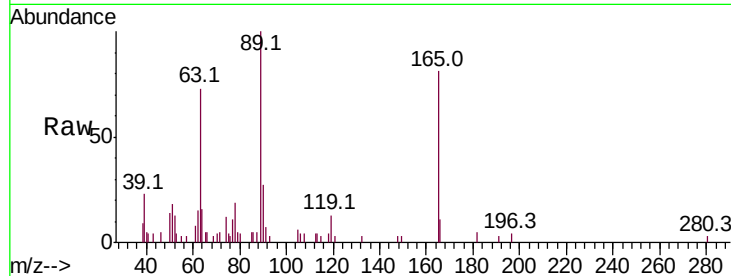




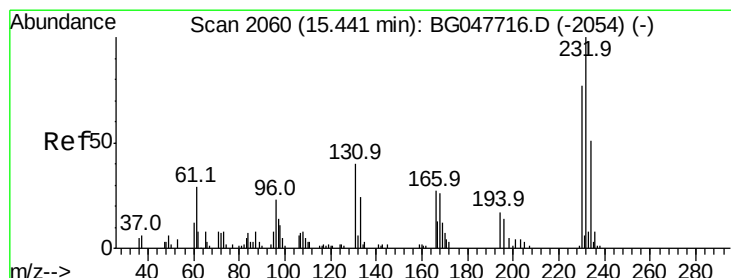
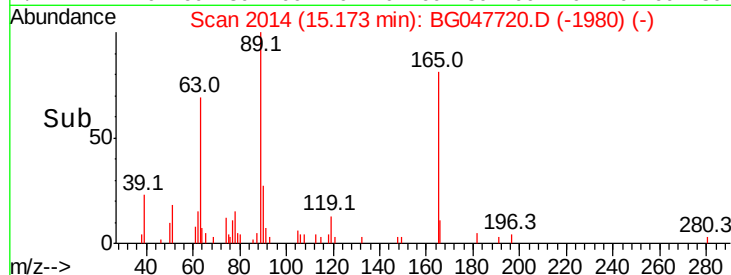
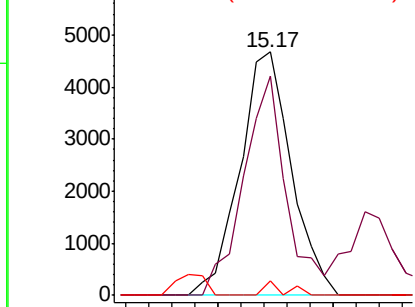
#57
2,4-Dinitrotoluene
Concen: 2.668 ng/ul
RT: 15.17 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion:165 Resp: 7242
Ion Ratio Lower Upper
165 100
63 90.2 54.6 81.8#
182 5.9 2.6 3.8#

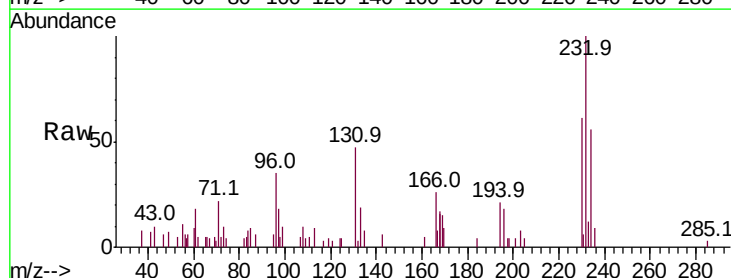


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E

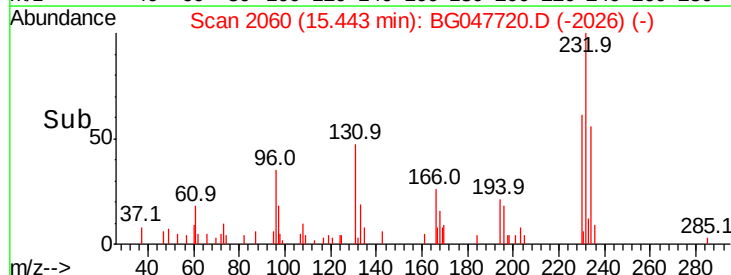
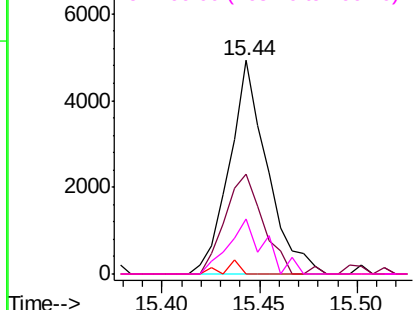


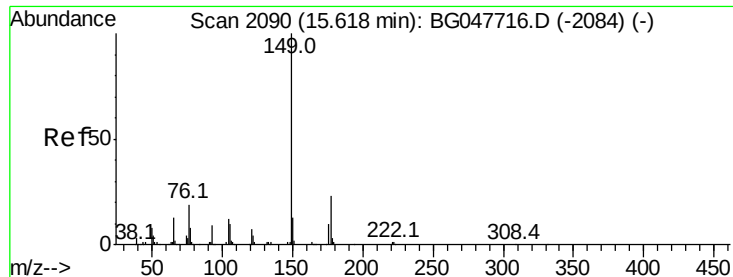
#58
2,3,4,6-Tetrachlorophenol
Concen: 2.574 ng/ul
RT: 15.44 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Tgt Ion:232 Resp: 6609
Ion Ratio Lower Upper
232 100
131 46.9 31.9 47.9
130 0.0 3.0 4.6#
166 25.9 17.5 26.3



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

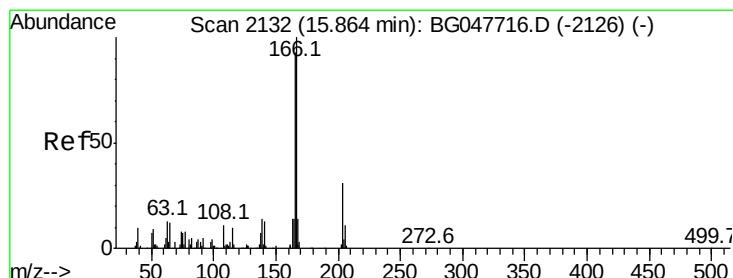
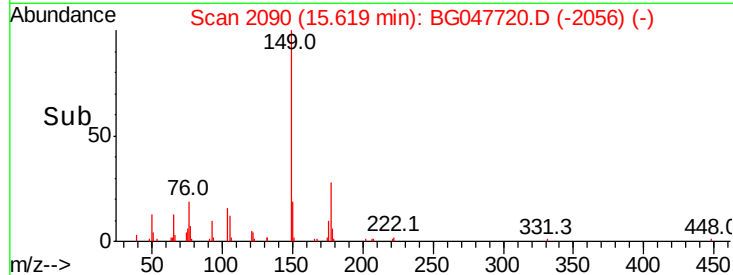
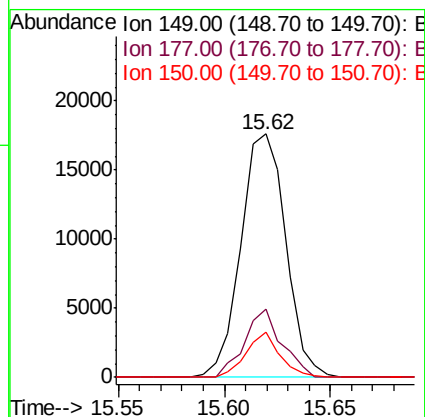
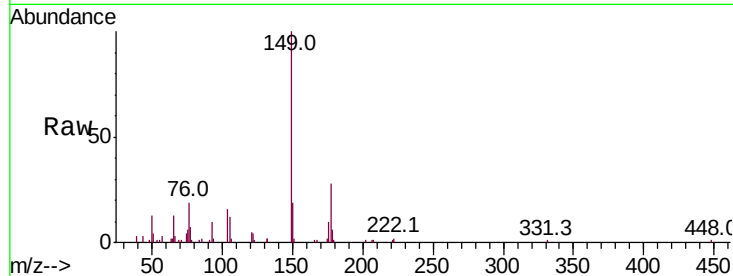




#59
Diethylphthalate
Concen: 2.924 ng/ul
RT: 15.62 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

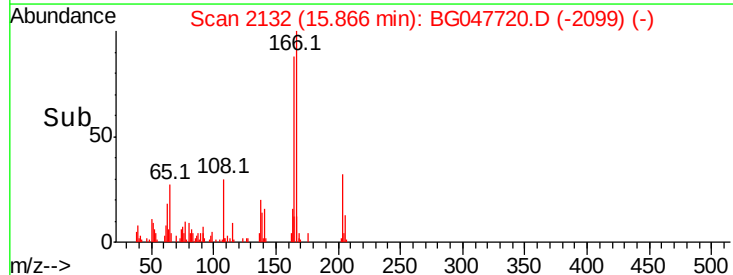
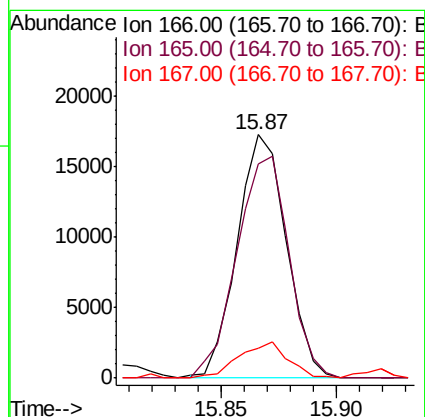
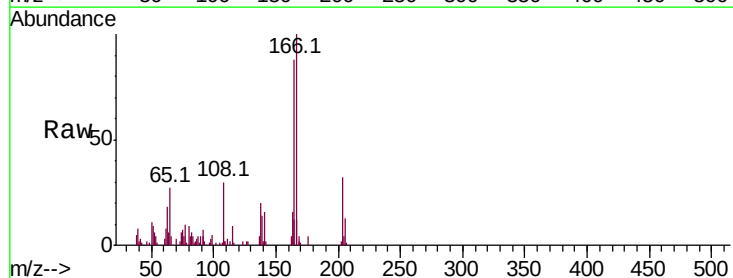
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

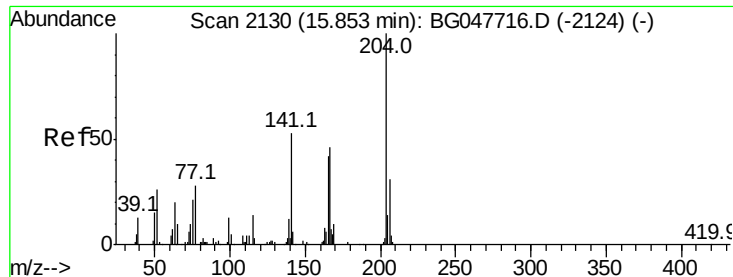
Tot Ion:149 Resp: 25948
Ion Ratio Lower Upper
149 100
177 27.8 20.6 31.0
150 18.5 11.1 16.7#



#61
Fluorene
Concen: 3.069 ng/ul
RT: 15.87 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Tgt Ion:166 Resp: 25603
Ion Ratio Lower Upper
166 100
165 88.1 75.4 113.2
167 12.4 12.3 18.5

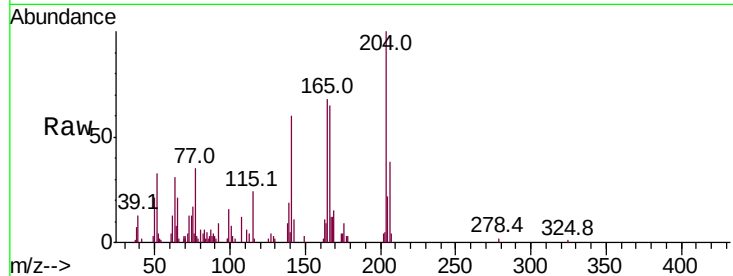




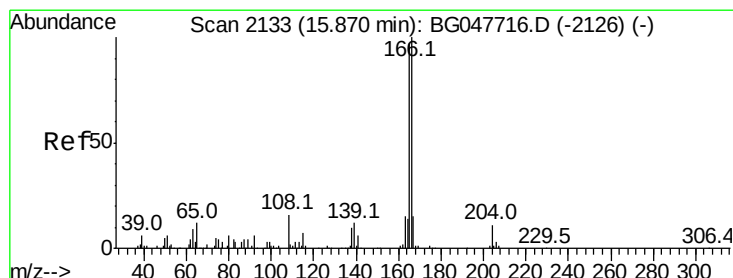
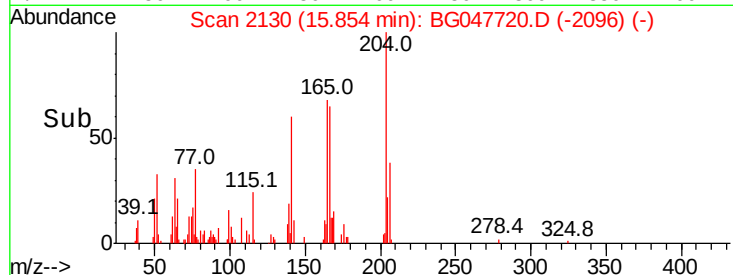
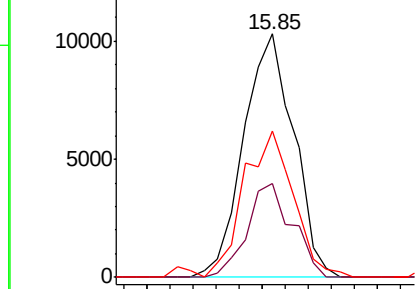
#62
4-Chlorophenyl-phenylether
Concen: 2.979 ng/ul
RT: 15.85 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
204	100		
206	38.4	26.2	39.2
141	59.9	40.9	61.3

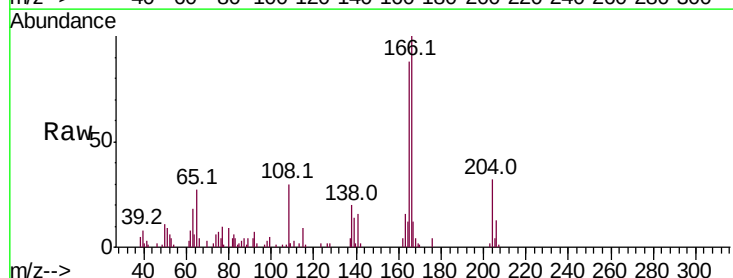


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

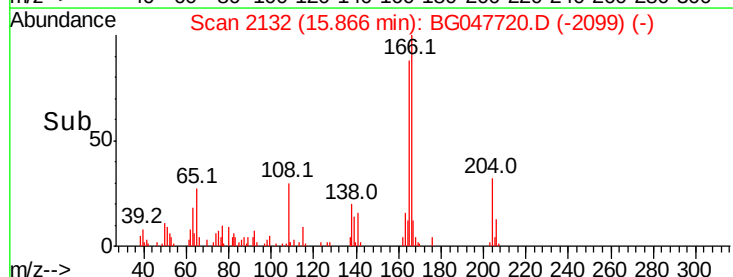
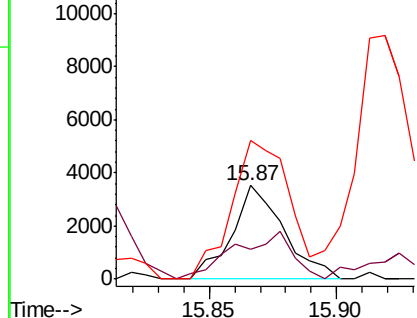


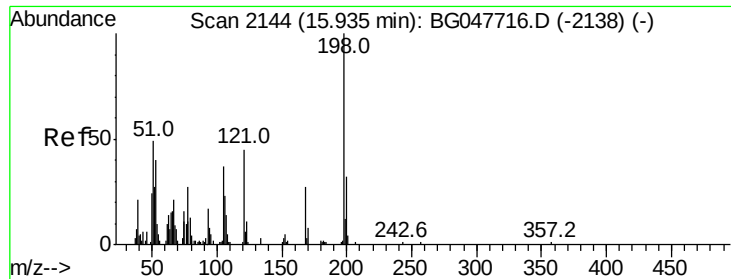
#63
4-Nitroaniline
Concen: 3.917 ng/ul
RT: 15.87 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	32.6	31.9	47.9
108	148.5	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

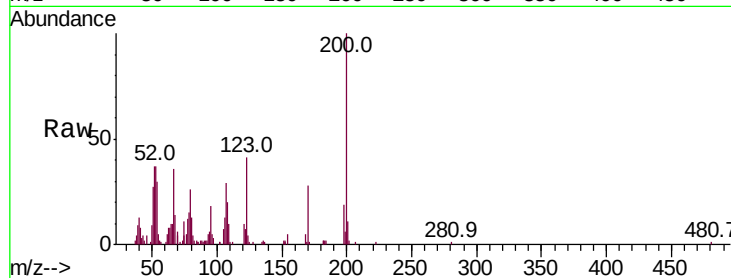




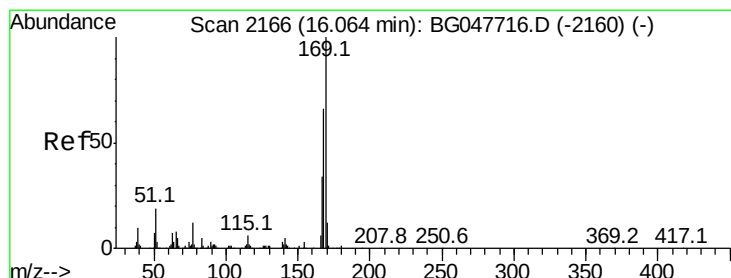
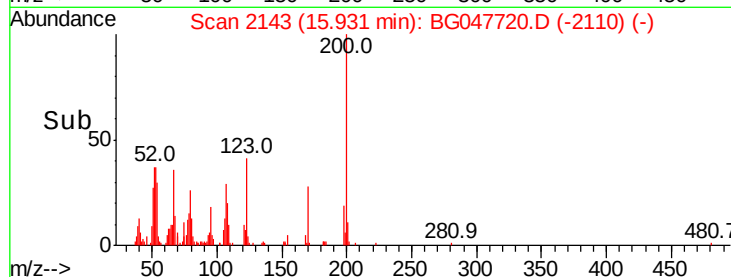
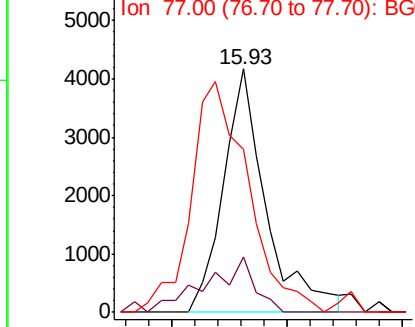
#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.891 ng/ul
 RT: 15.93 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

Tot Ion:198 Resp: 5352
 Ion Ratio Lower Upper
 198 100
 182 22.9 2.9 4.3#
 77 66.8 26.1 39.1#

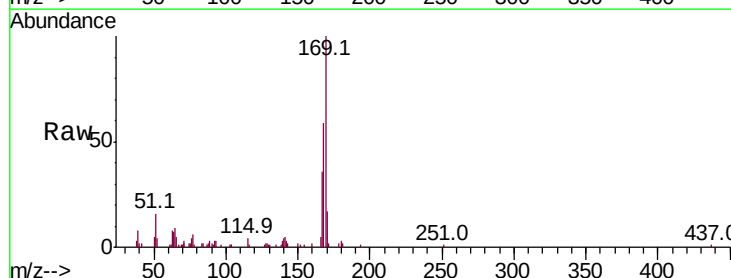


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BGC

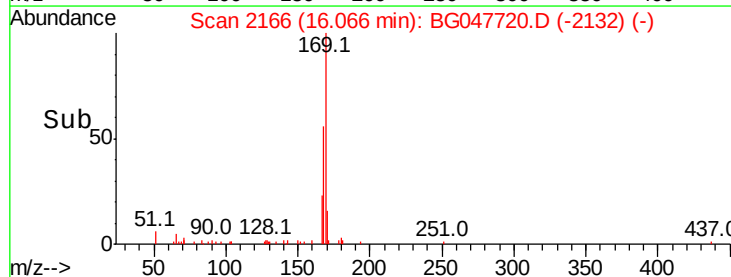
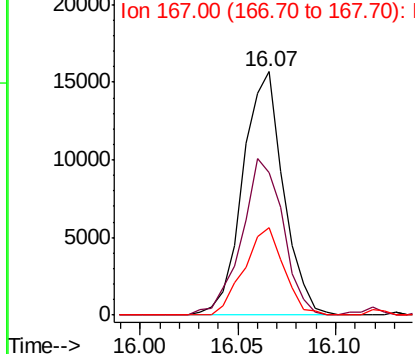


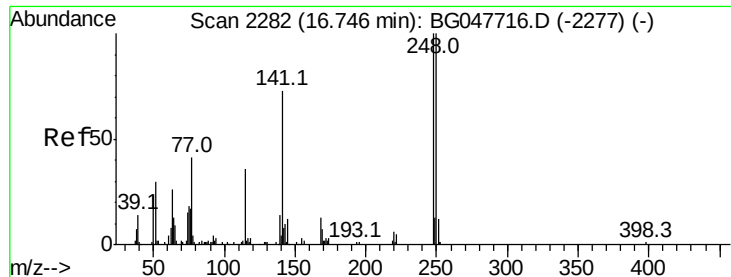
#67
 N-Nitrosodiphenylamine
 Concen: 3.048 ng/ul
 RT: 16.07 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

Tgt Ion:169 Resp: 22599
 Ion Ratio Lower Upper
 169 100
 168 58.6 53.8 80.8
 167 36.2 29.8 44.8



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

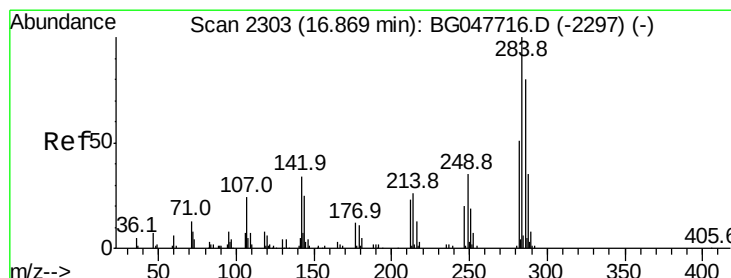
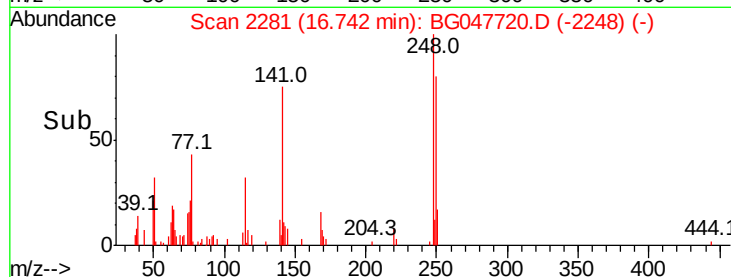
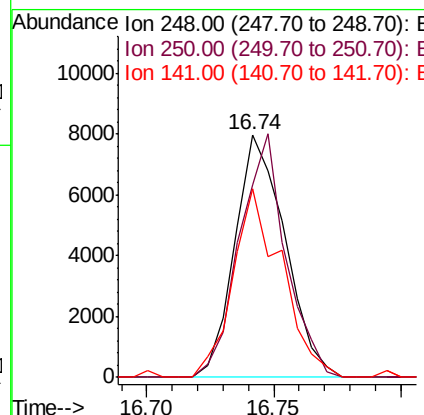
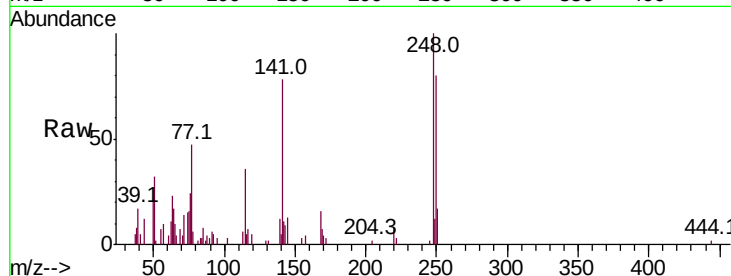




#68
 4-Bromophenyl-phenylether
 Concen: 3.210 ng/ul
 RT: 16.74 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

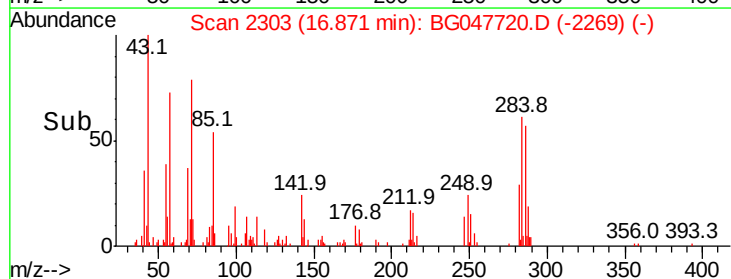
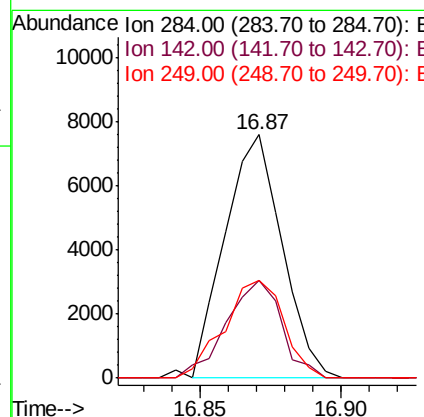
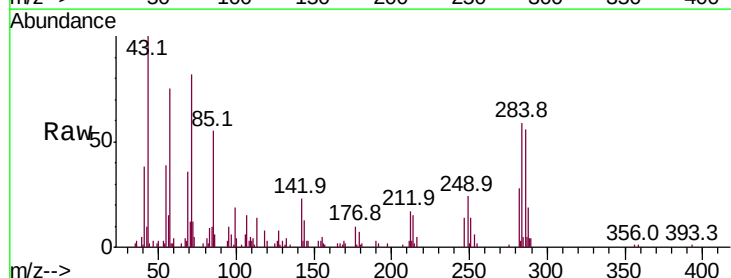
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-02

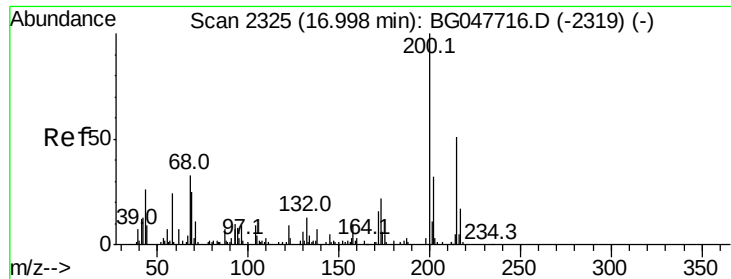
Tot Ion:248 Resp: 10984
 Ion Ratio Lower Upper
 248 100
 250 79.6 77.2 115.8
 141 77.6 61.8 92.6



#69
 Hexachlorobenzene
 Concen: 2.840 ng/ul
 RT: 16.87 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG047720.D
 Acq: 11 Dec 2020 19:07

Tgt Ion:284 Resp: 10669
 Ion Ratio Lower Upper
 284 100
 142 45.9 29.3 43.9#
 249 40.3 31.7 47.5

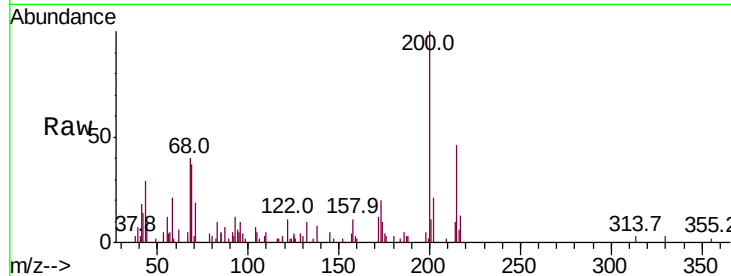




#70
Atrazine
Concen: 2.940 ng/ul
RT: 16.99 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

Tot Ion	Ratio	Lower	Upper
200	100		
173	20.0	14.9	22.3
215	46.1	42.5	63.7

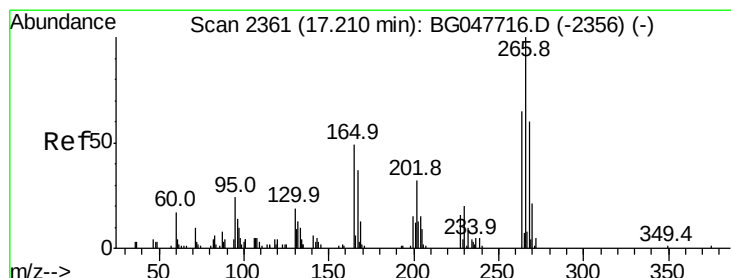
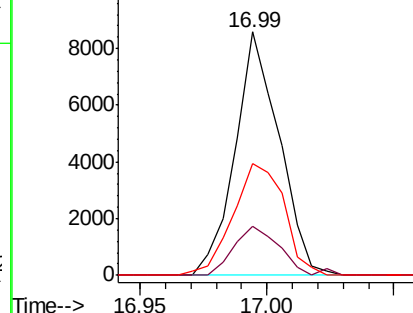
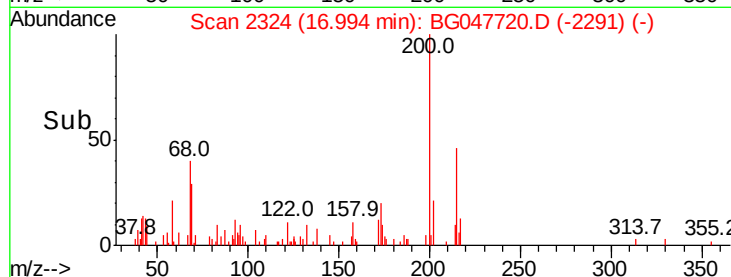


Abundance

Ion 200.00 (199.70 to 200.70): E

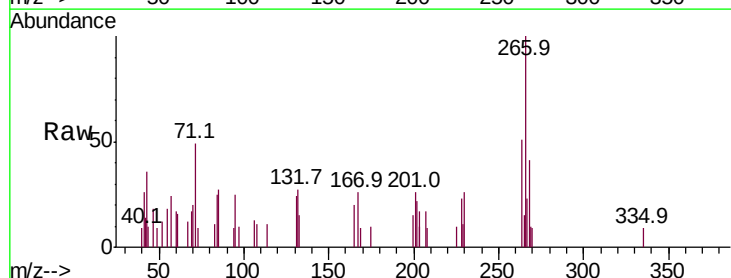
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71
Pentachlorophenol
Concen: 1.256 ng/ul
RT: 17.21 min Scan# 2361
Delta R.T. 0.01 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Tgt Ion	Ratio	Lower	Upper
266	100		
264	50.7	56.8	85.2#
268	50.3	56.8	85.2#

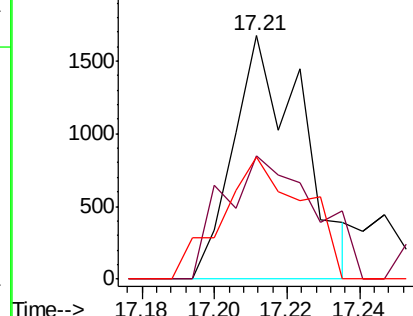
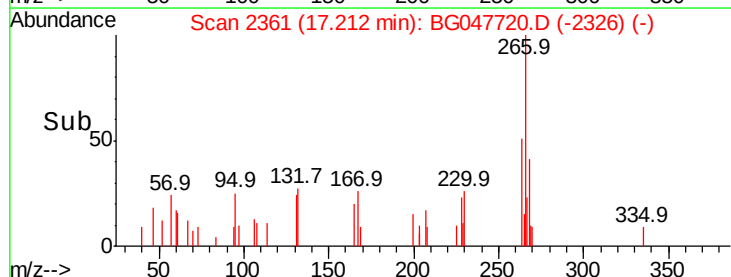


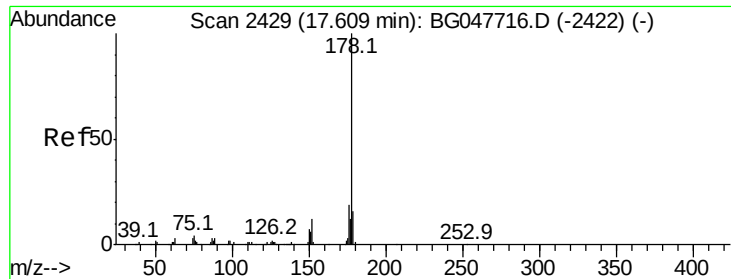
Abundance

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: 2.988 ng/ul

RT: 17.61 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

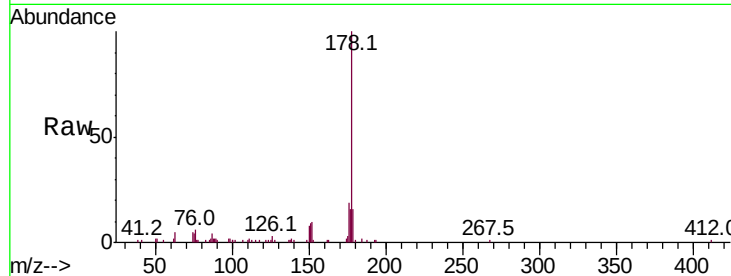
Tot Ion:178 Resp: 43232

Ion Ratio Lower Upper

178 100

179 16.2 13.5 20.3

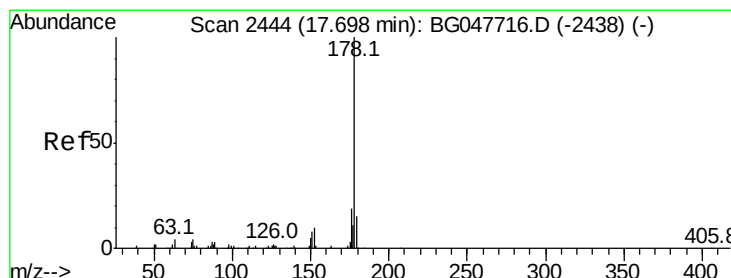
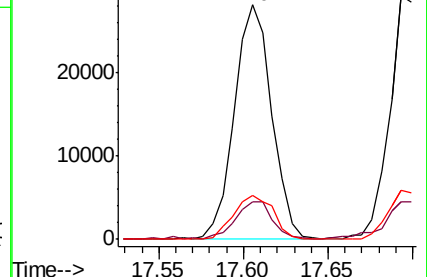
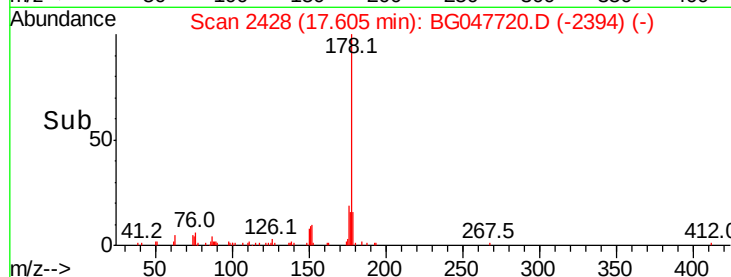
176 18.8 15.3 22.9



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: 2.889 ng/ul

RT: 17.69 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

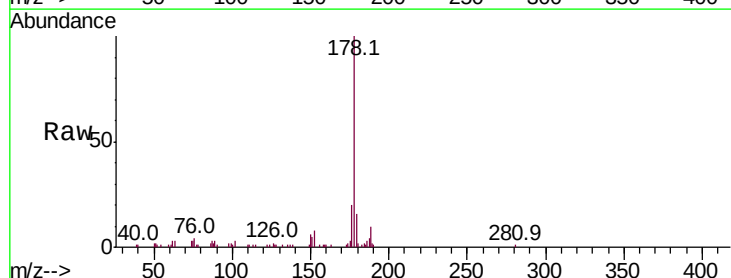
Tgt Ion:178 Resp: 41758

Ion Ratio Lower Upper

178 100

179 15.7 12.0 18.0

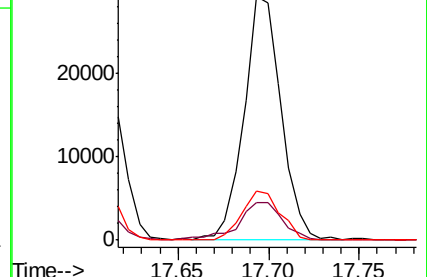
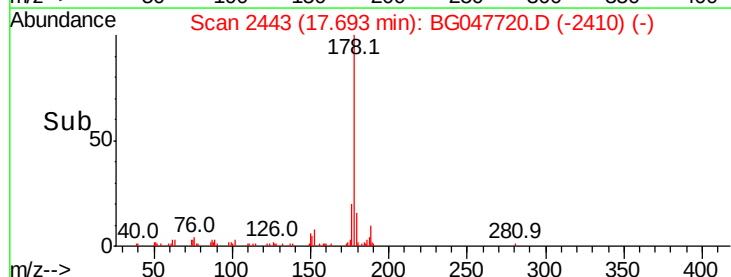
176 20.3 15.4 23.2

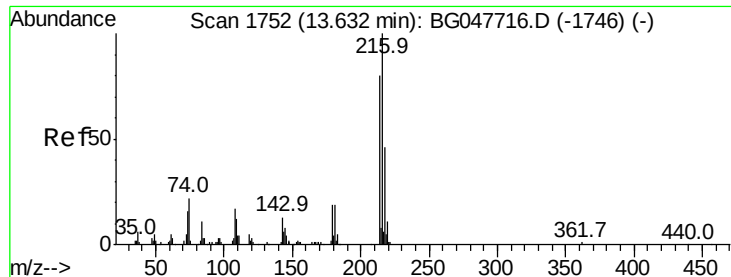


Abundance Ion 178.00 (177.70 to 178.70): E

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: 3.120 ng/uL

RT: 13.63 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

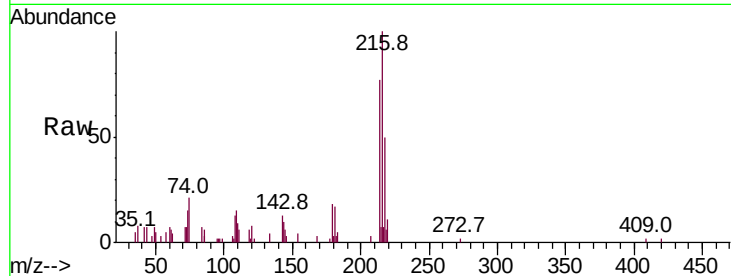
Tot Ion:216 Resp: 13475

Ion Ratio Lower Upper

216 100

214 77.2 58.6 87.8

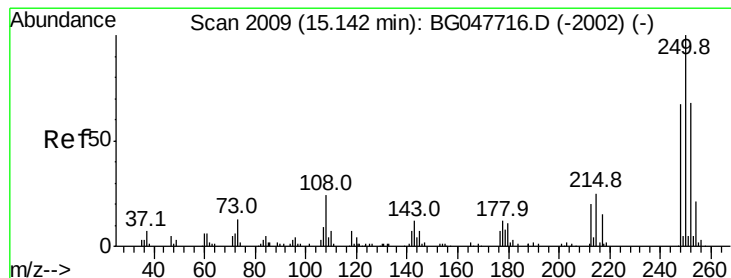
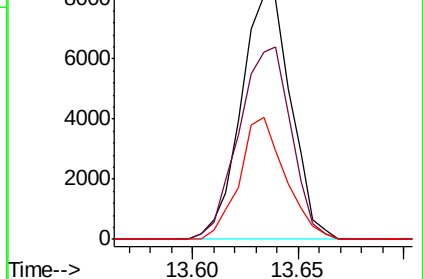
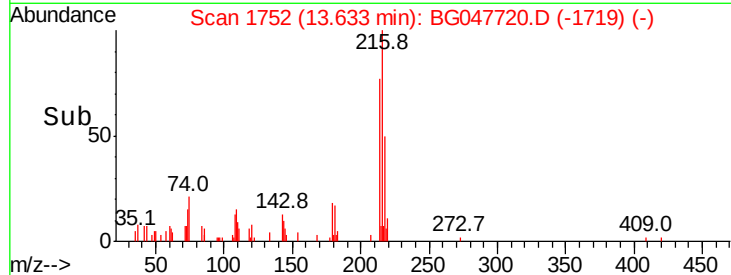
218 50.2 40.1 60.1



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: 3.211 ng/uL

RT: 15.14 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

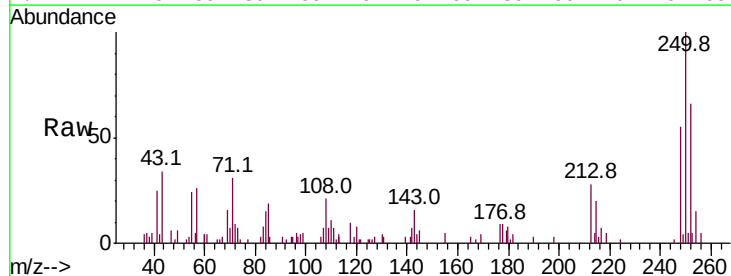
Tgt Ion:250 Resp: 13532

Ion Ratio Lower Upper

250 100

248 54.9 49.4 74.0

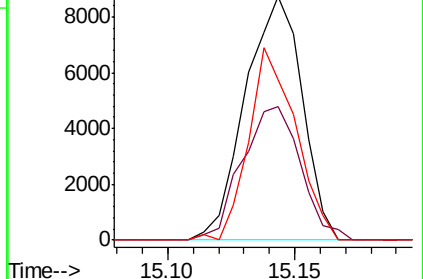
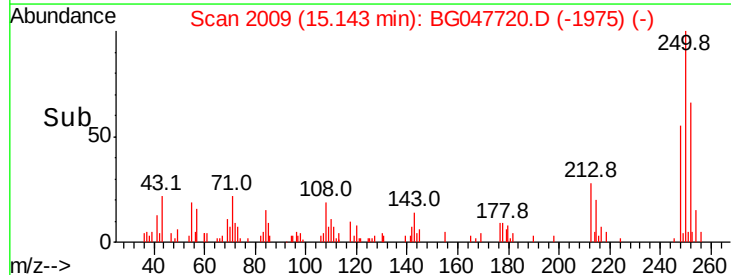
252 70.2 52.7 79.1

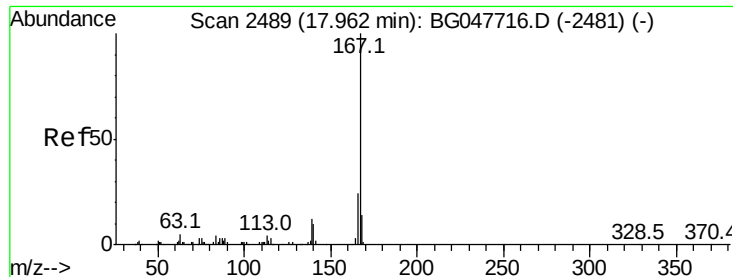


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 3.025 ng/ul

RT: 17.96 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

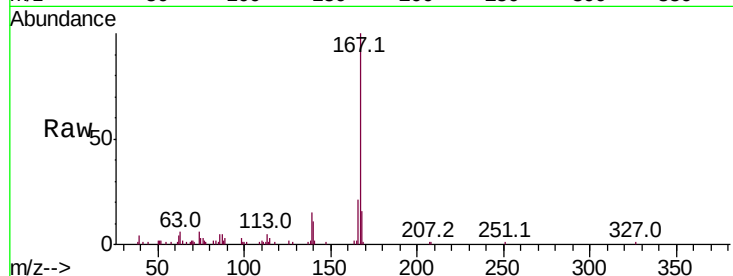
Tot Ion:167 Resp: 35644

Ion Ratio Lower Upper

167 100

166 20.8 17.6 26.4

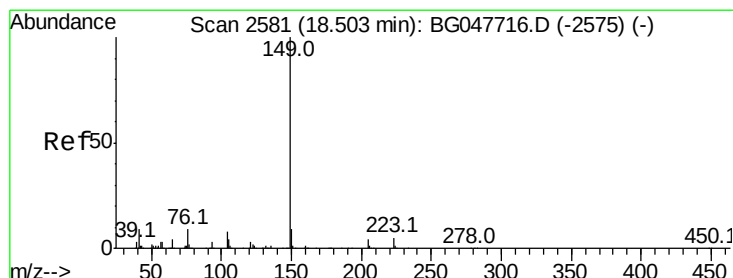
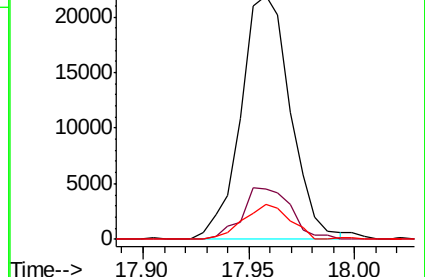
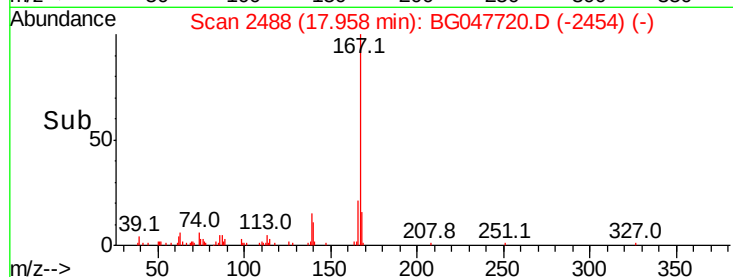
139 14.6 10.2 15.2



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



#78

Di-n-butylphthalate

Concen: 2.939 ng/ul

RT: 18.50 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

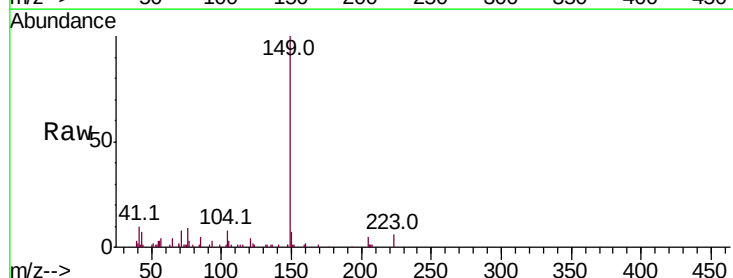
Tgt Ion:149 Resp: 42472

Ion Ratio Lower Upper

149 100

150 7.4 7.3 10.9

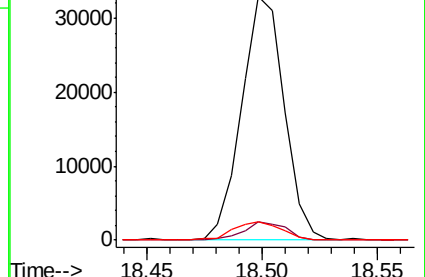
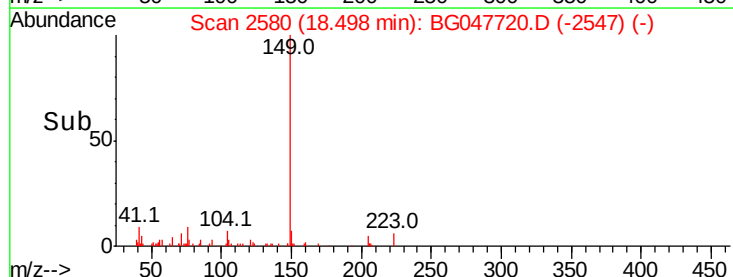
104 7.7 7.0 10.6

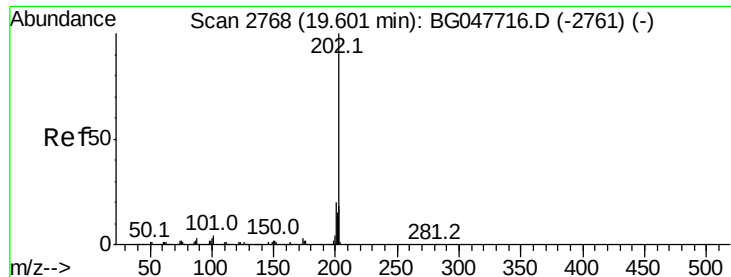


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Fluoranthene

Concen: 2.782 ng/ul

RT: 19.60 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

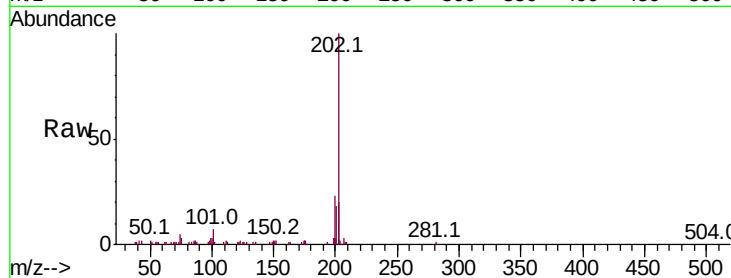
Tot Ion:202 Resp: 58743

Ion Ratio Lower Upper

202 100

101 6.5 2.8 4.2#

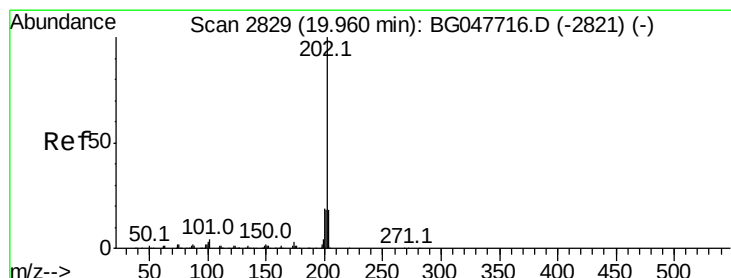
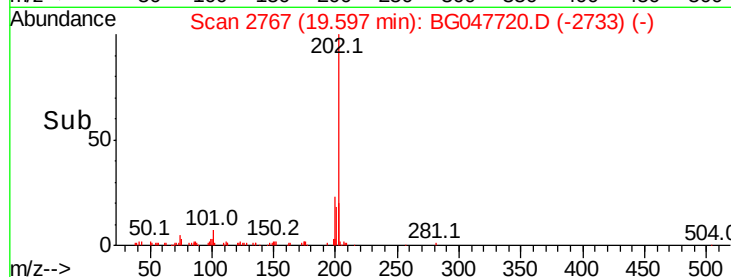
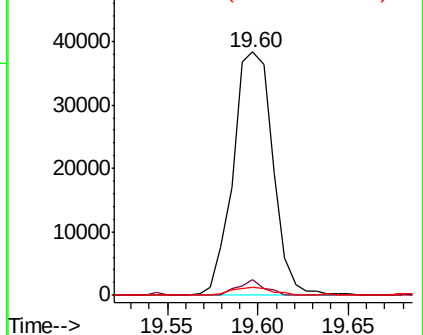
100 3.1 2.3 3.5



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



#82

Pyrene

Concen: 2.774 ng/ul

RT: 19.96 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

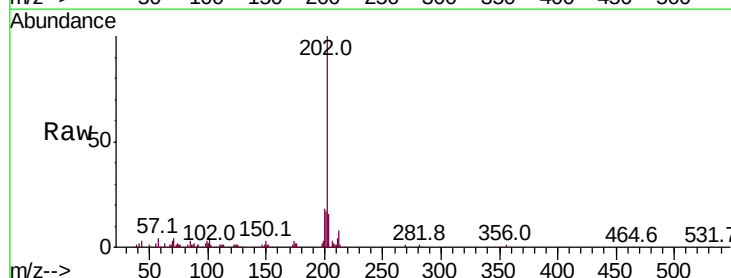
Tgt Ion:202 Resp: 57814

Ion Ratio Lower Upper

202 100

101 3.7 3.8 5.6#

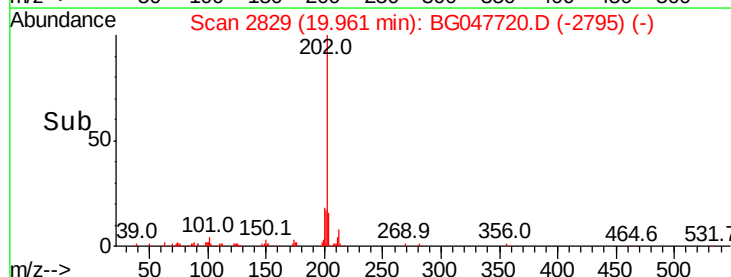
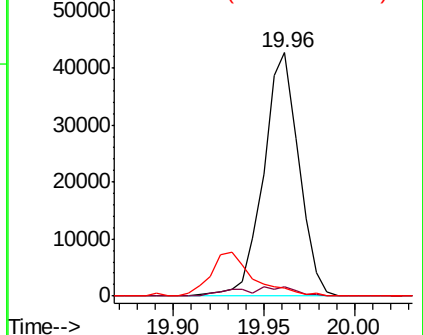
100 3.6 3.0 4.6

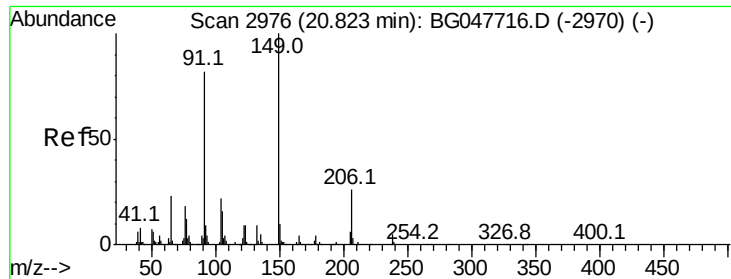


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

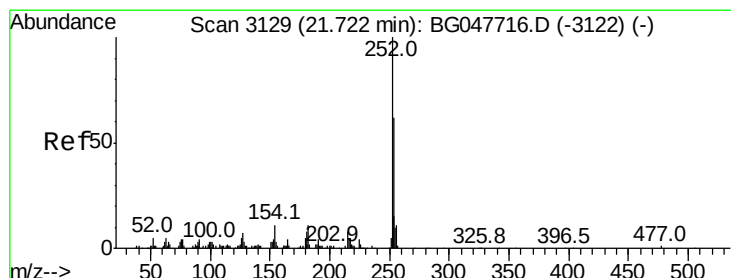
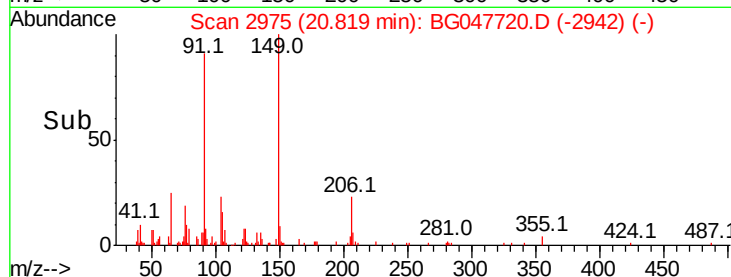
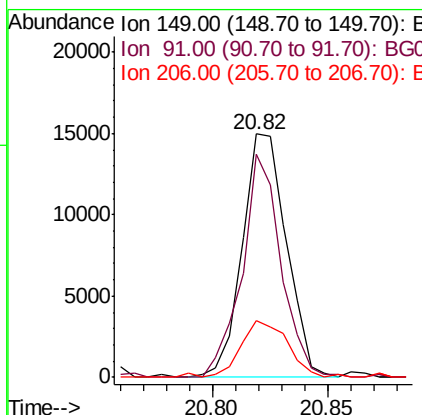
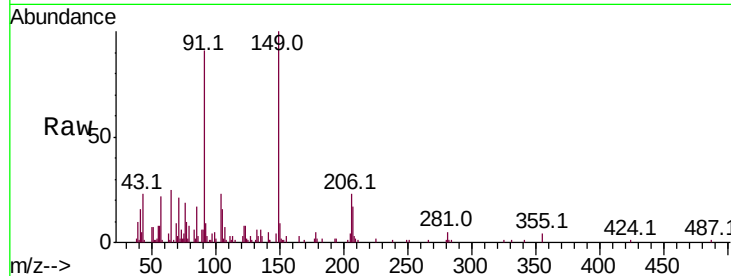




#83
Butylbenzylphthalate
Concen: 2.749 ng/ul
RT: 20.82 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

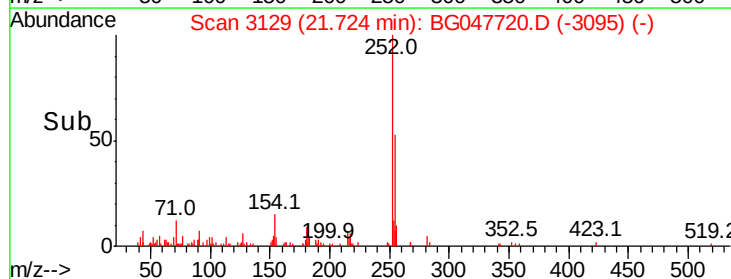
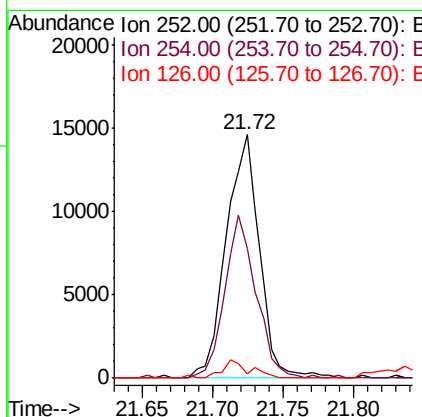
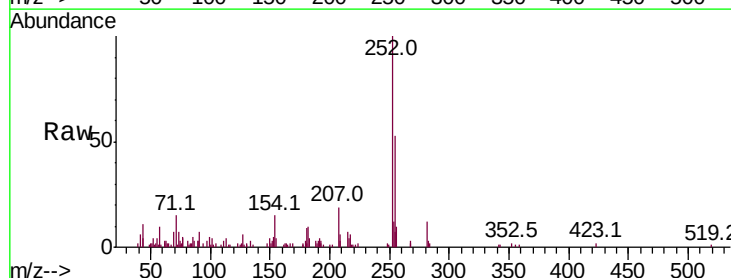
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-02

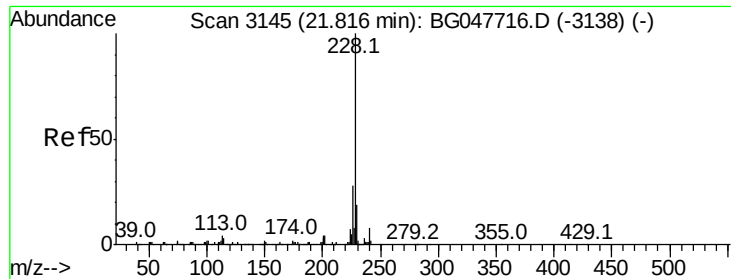
Tot Ion:149 Resp: 19992
Ion Ratio Lower Upper
149 100
91 91.5 64.6 97.0
206 23.3 20.3 30.5



#84
3,3'-Dichlorobenzidine
Concen: 3.148 ng/ul
RT: 21.72 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG047720.D
Acq: 11 Dec 2020 19:07

Tgt Ion:252 Resp: 23874
Ion Ratio Lower Upper
252 100
254 53.5 46.9 70.3
126 2.0 3.8 5.8#





#85

Benzo(a)anthracene

Concen: 2.929 ng/ul

RT: 21.82 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

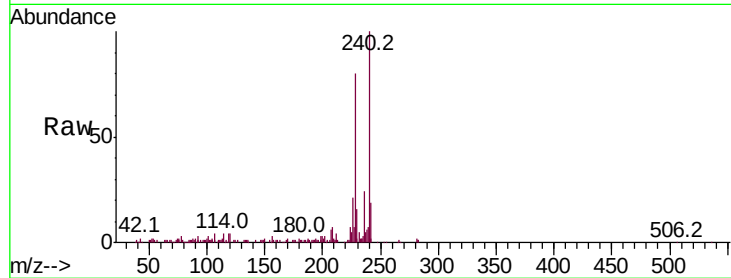
BNA_G

ClientSampleId :

MDL-SOIL-02

Tot Ion:228 Resp: 63698

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.2	24.4
226	26.1	20.4	30.6

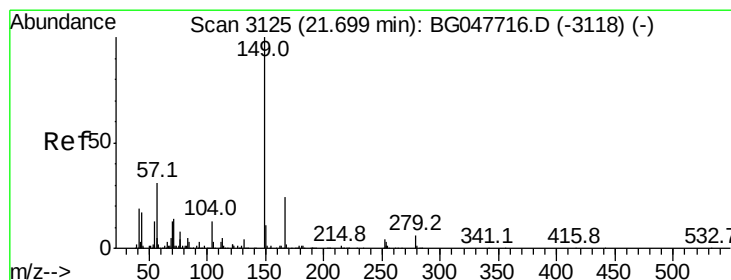
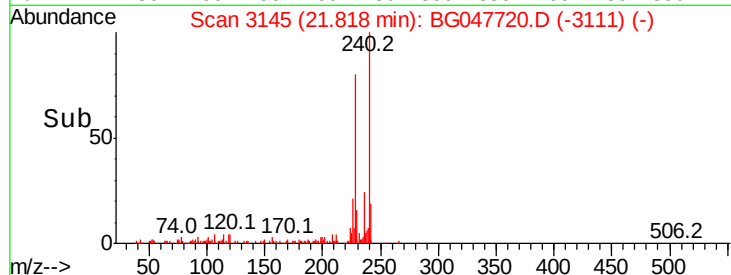
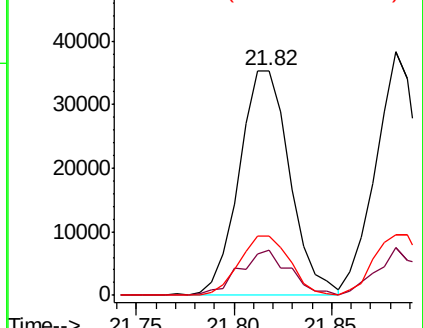


Abundance

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: 2.771 ng/ul

RT: 21.70 min Scan# 3125

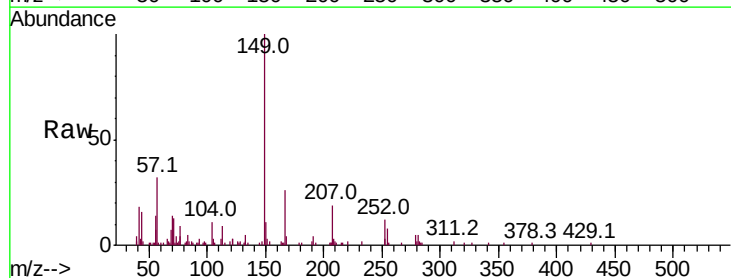
Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Tgt Ion:149 Resp: 27775

Ion	Ratio	Lower	Upper
149	100		
167	26.1	25.1	37.7
279	5.3	5.2	7.8

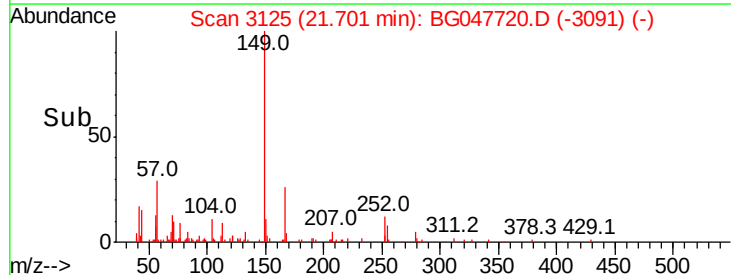
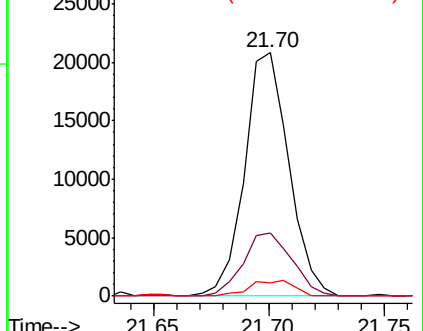


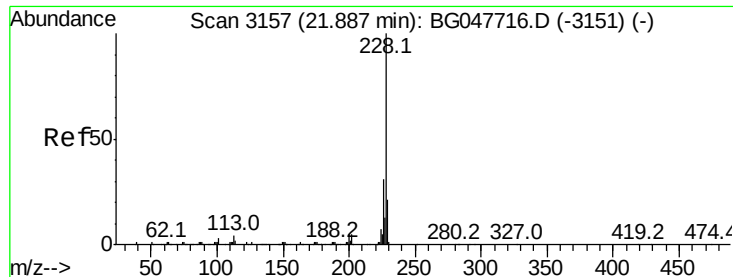
Abundance

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: 2.934 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

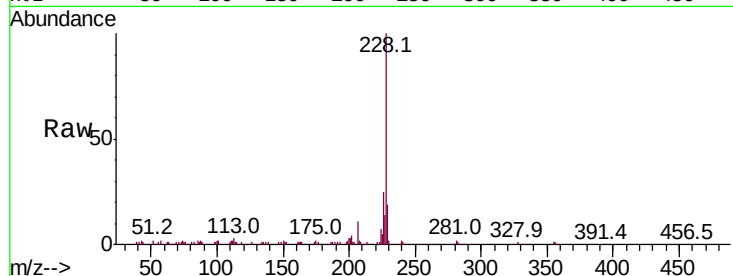
Tot Ion:228 Resp: 60532

Ion Ratio Lower Upper

228 100

226 25.1 23.0 34.6

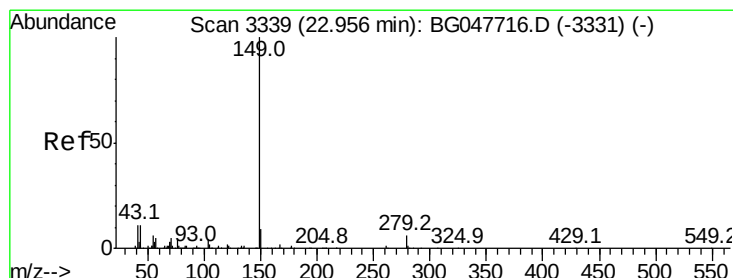
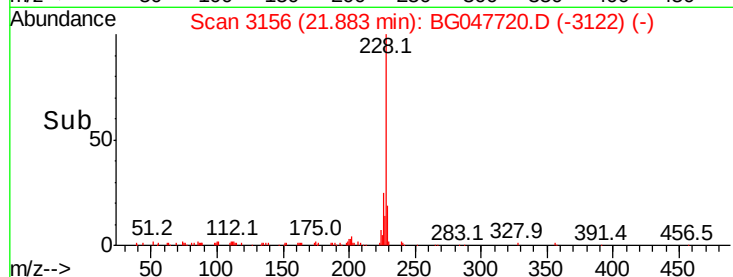
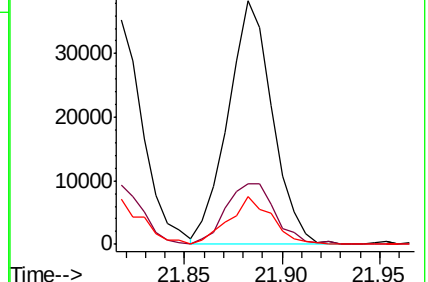
229 19.5 16.2 24.2



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: 2.877 ng/ul

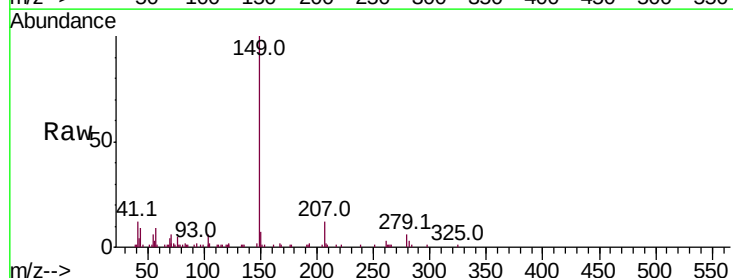
RT: 22.95 min Scan# 3338

Delta R.T. -0.01 min

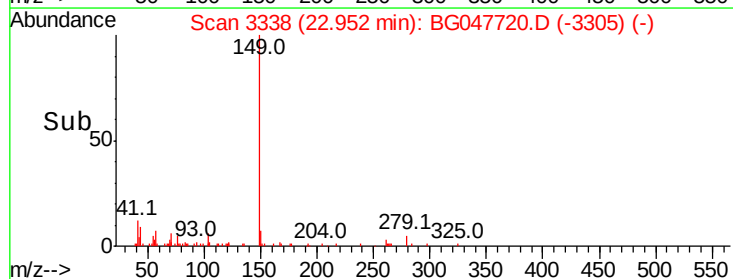
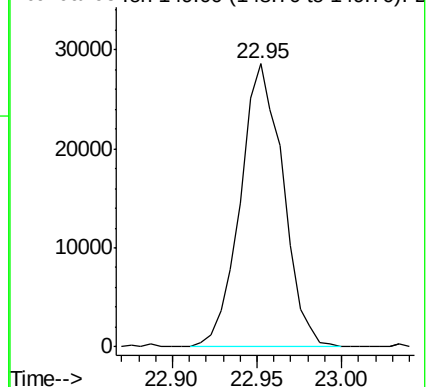
Lab File: BG047720.D

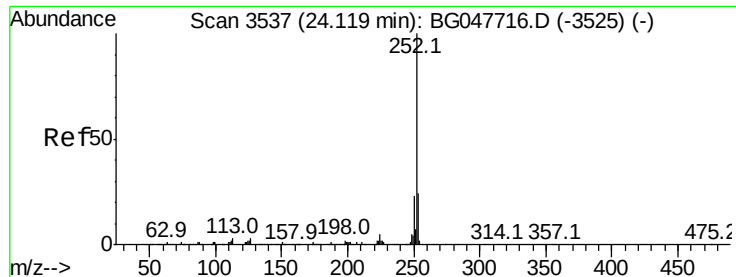
Acq: 11 Dec 2020 19:07

Tgt Ion:149 Resp: 50185



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 2.887 ng/ul

RT: 24.12 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

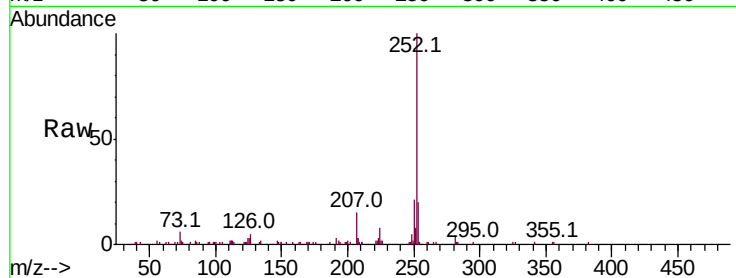
Tot Ion:252 Resp: 66883

Ion Ratio Lower Upper

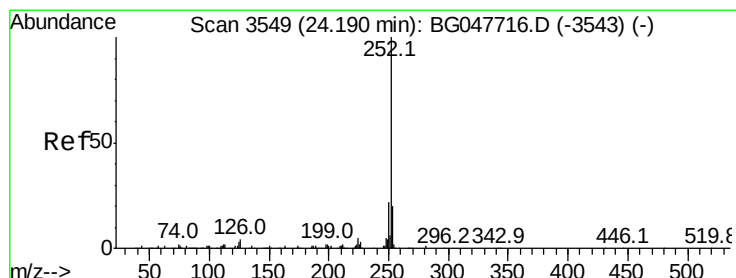
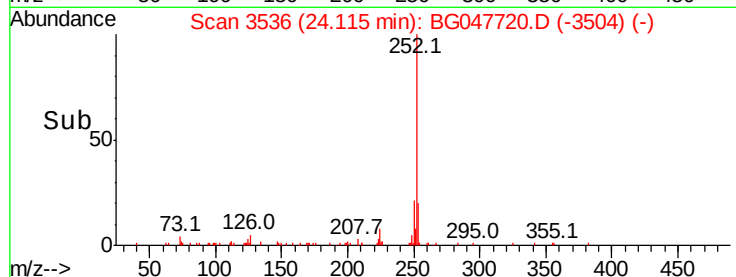
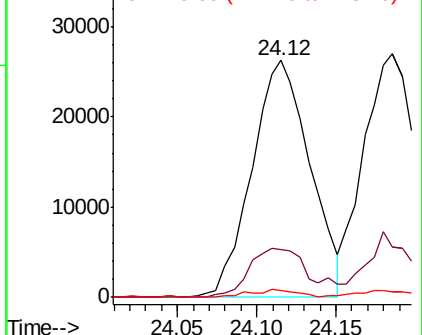
252 100

253 20.0 16.6 24.8

125 2.6 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: 2.922 ng/ul

RT: 24.12 min Scan# 3536

Delta R.T. -0.08 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

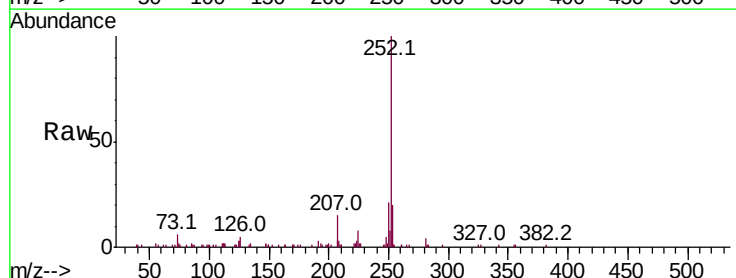
Tgt Ion:252 Resp: 66883

Ion Ratio Lower Upper

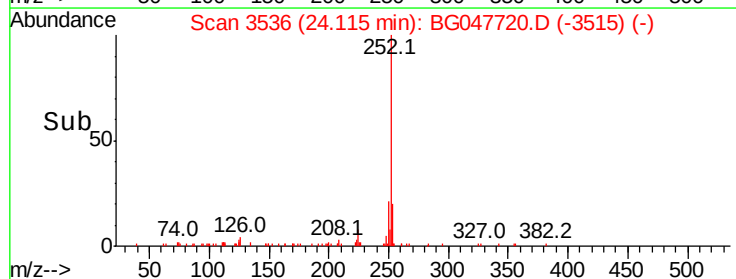
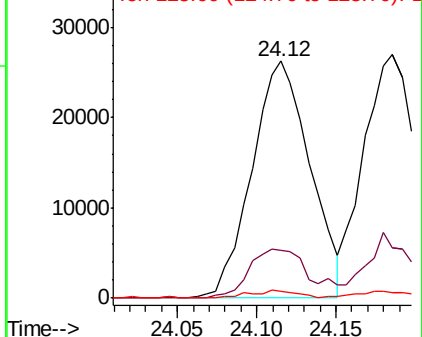
252 100

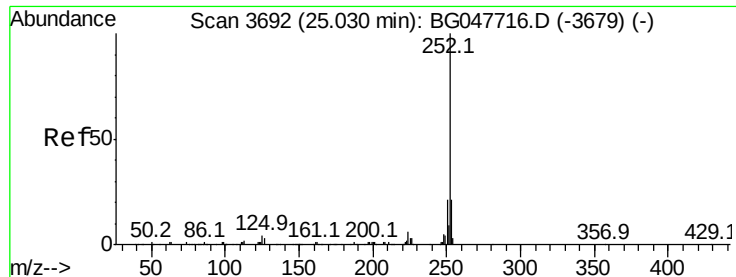
253 20.0 17.0 25.4

125 2.6 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: 2.888 ng/ul

RT: 25.03 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

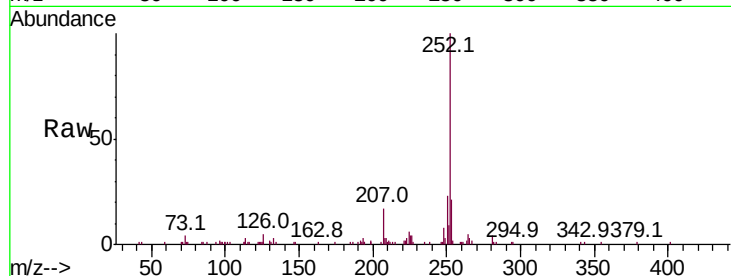
Tot Ion:252 Resp: 58995

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

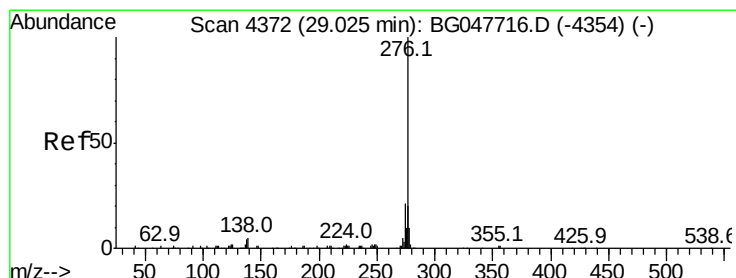
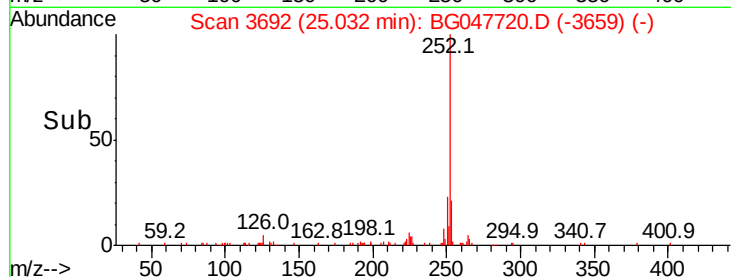
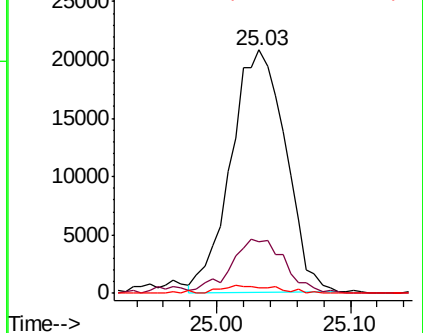
125 2.5 2.6 4.0#



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: 1.331 ng/ul

RT: 29.02 min Scan# 4370

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

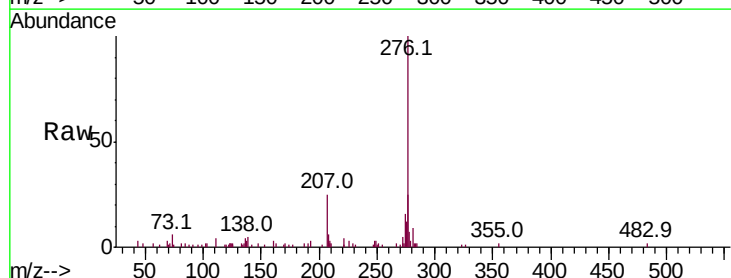
Tgt Ion:276 Resp: 33662

Ion Ratio Lower Upper

276 100

138 5.1 5.1 7.7#

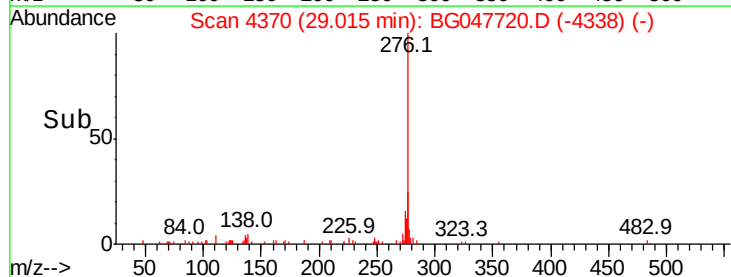
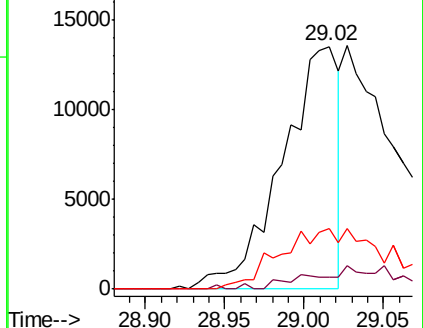
277 25.0 18.4 27.6

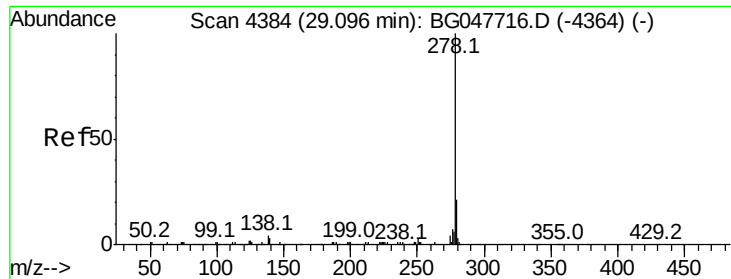


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 2.928 ng/ul

RT: 29.09 min Scan# 4383

Delta R.T. -0.01 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-02

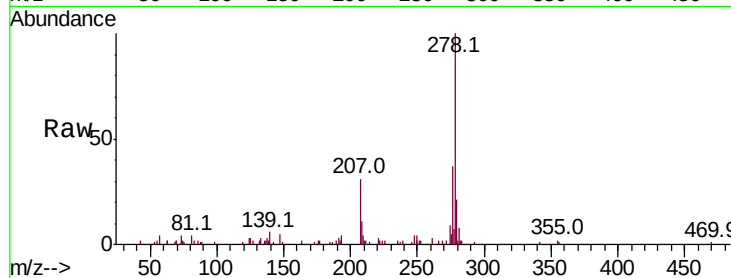
Tot Ion:278 Resp: 61470

Ion Ratio Lower Upper

278 100

139 5.6 3.5 5.3#

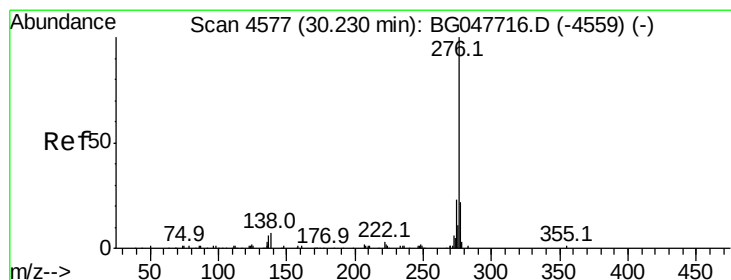
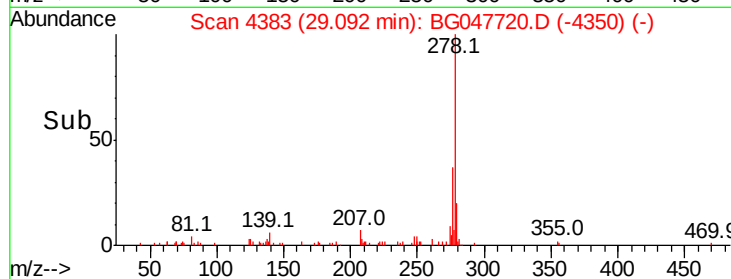
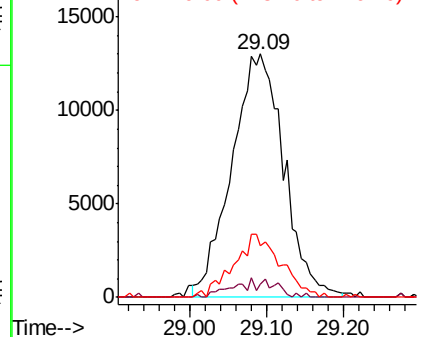
279 21.2 18.6 28.0



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: 0.667 ng/ul

RT: 30.23 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG047720.D

Acq: 11 Dec 2020 19:07

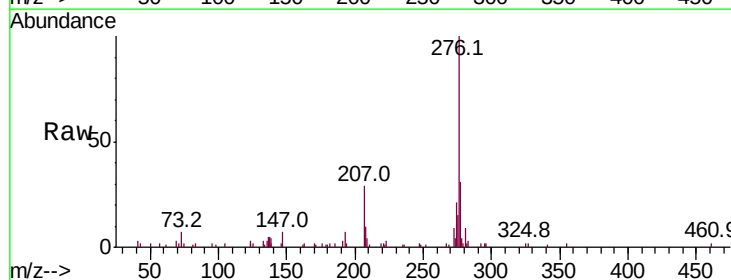
Tgt Ion:276 Resp: 13890

Ion Ratio Lower Upper

276 100

138 10.4 4.2 6.4#

277 30.9 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

