

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
 Data File : BG047726.D
 Acq On : 11 Dec 2020 23:11
 Operator : CG/JU
 Sample : L4485-16
 Misc : ME-SOIL-02
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Dec 12 00:02:56 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	50516	20.00	ng/ul	0.00
20) Naphthalene-d8	11.04	136	239237	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	178452	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.66	188	766424	20.00	ng/ul	0.10
79) Chrysene-d12	21.84	240	520629	20.00	ng/ul	0.00
88) Perylene-d12	25.20	264	574099	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5650	4.92	ng/uL	0.00
4) Pyridine-d5	3.96	84	84315	25.87	ng/ul	0.00
7) Phenol-d5	7.35	99	177670	41.92	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	102544	45.93	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	121058	37.78	ng/ul	0.00
15) 4-Methylphenol-d8	8.91	113	143454	44.51	ng/ul	0.01
21) Nitrobenzene-d5	9.38	128	66782	33.17	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	84665	36.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	159422	32.94	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	182433	32.39	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	587842	39.92	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	623097	37.00	ng/ul	0.00
54) 4-Nitrophenol-d4	15.01	143	79795	35.57	ng/ul	0.01
60) Fluorene-d10	15.82	176	474680	34.52	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.01	200	344	0.07	ng/ul	0.09
73) Anthracene-d10	17.66	188	766407	20.57	ng/ul	0.00
81) Pyrene-d10	19.94	212	895112	31.76	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.98	264	1018122	31.60	ng/ul	0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	525	0.443	ng/uL# 68
5) Pyridine	3.99	79	8184	2.677	ng/ul# 52
6) Benzaldehyde	7.33	77	11046	5.673	ng/ul 94
8) Phenol	7.38	94	14886	3.575	ng/ul 93
10) Bis(2-Chloroethyl)ether	7.62	93	10500	3.625	ng/ul 92
12) 2-Chlorophenol	7.76	128	9952	3.130	ng/ul# 87
13) 2-Methylphenol	8.60	108	68	0.021	ng/ul 83
14) 2,2'-oxybis(1-Chloropropan	8.72	45	10384	3.852	ng/ul# 84
16) Acetophenone	9.03	105	19361	3.576	ng/ul# 85
17) N-Nitroso-di-n-propylamine	9.01	70	12010	4.040	ng/ul# 95
18) 4-Methylphenol	8.97	108	11451	3.294	ng/ul 91
19) Hexachloroethane	9.30	117	4360	2.800	ng/ul 84
22) Nitrobenzene	9.41	77	18162	3.030	ng/ul# 80
23) Isophorone	9.94	82	31840	3.058	ng/ul 98
25) 2-Nitrophenol	10.13	139	6945	2.901	ng/ul 89
26) 2,4-Dimethylphenol	10.18	107	16895	3.006	ng/ul 95
27) Bis(2-Chloroethoxy)methane	10.42	93	15830	3.186	ng/ul 93
29) 2,4-Dichlorophenol	10.67	162	13663	3.077	ng/ul# 95
30) Naphthalene	11.08	128	37566	2.842	ng/ul 97
32) 4-Chloroaniline	11.18	127	15324	2.846	ng/ul 92
33) Hexachlorobutadiene	11.36	225	14078	2.952	ng/ul# 74
34) Caprolactam	11.93	113	535	0.356	ng/ul# 22

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	14560	2.975	ng/ul#	86
36) 2-Methylnaphthalene	12.67	142	28292	2.837	ng/ul	97
37) 1-Methylnaphthalene	12.89	142	27269	2.861	ng/ul#	88
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	19487	2.652	ng/ul	95
40) Hexachlorocyclopentadiene	13.01	237	12217	2.535	ng/ul	98
41) 2,4,6-Trichlorophenol	13.26	196	13708	3.110	ng/ul#	77
42) 2,4,5-Trichlorophenol	13.34	196	15062	3.227	ng/ul	94
43) 1,1'-Biphenyl	13.66	154	43459	3.153	ng/ul	95
44) 2-Chloronaphthalene	13.71	162	34604	3.189	ng/ul	100
45) 2-Nitroaniline	13.90	65	13753	3.690	ng/ul	90
47) Dimethylphthalate	14.27	163	53573	3.550	ng/ul	98
48) 2,6-Dinitrotoluene	14.38	165	10068	3.158	ng/ul	93
50) Acenaphthylene	14.55	152	54641	3.443	ng/ul#	90
51) 3-Nitroaniline	14.72	138	8406	3.672	ng/ul#	87
52) Acenaphthene	14.89	153	36672	3.252	ng/ul	94
53) 2,4-Dinitrophenol	14.93	184	4114	2.175	ng/ul#	71
55) 4-Nitrophenol	14.88	109	439	0.115	ng/ul	95
56) Dibenzofuran	15.22	168	55664	3.407	ng/ul	99
57) 2,4-Dinitrotoluene	15.18	165	14577	3.190	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.45	232	12995	3.006	ng/ul#	83
59) Diethylphthalate	15.62	149	57340	3.838	ng/ul	93
61) Fluorene	15.87	166	50389	3.588	ng/ul#	89
62) 4-Chlorophenyl-phenylether	15.85	204	33440	3.808	ng/ul	93
63) 4-Nitroaniline	15.87	138	8793	4.086	ng/ul#	69
66) 4,6-Dinitro-2-methylphenol	15.98	198	498	0.094	ng/ul#	47
67) N-Nitrosodiphenylamine	16.07	169	44787	2.100	ng/ul	90
68) 4-Bromophenyl-phenylether	16.75	248	22054	2.241	ng/ul	99
69) Hexachlorobenzene	16.87	284	19487	1.804	ng/ul#	89
70) Atrazine	17.09	200	57	0.006	ng/ul#	34
71) Pentachlorophenol	17.29	266	162	0.032	ng/ul#	14
72) Phenanthrene	17.70	178	81676	1.963	ng/ul	98
74) Anthracene	17.70	178	81676	1.965	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	20354	1.639	ng/uL	92
76) Pentachlorobenzene	15.14	250	20545	1.695	ng/uL#	85
77) Carbazole	17.96	167	70699	2.086	ng/ul	98
78) Di-n-butylphthalate	18.50	149	82610	1.987	ng/ul	98
80) Fluoranthene	19.60	202	104437	2.927	ng/ul#	98
82) Pyrene	19.96	202	98599	2.799	ng/ul#	97
83) Butylbenzylphthalate	20.82	149	34038	2.770	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.72	252	31025	2.420	ng/ul#	83
85) Benzo(a)anthracene	21.82	228	108327	2.948	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.70	149	51704	3.052	ng/ul	94
87) Chrysene	21.89	228	101833	2.920	ng/ul	99
89) Di-n-octyl phthalate	22.96	149	87873	2.909	ng/ul	100
90) Benzo(b)fluoranthene	24.12	252	108717	2.709	ng/ul	98
91) Benzo(k)fluoranthene	24.19	252	108980	2.749	ng/ul	99
93) Benzo(a)pyrene	25.04	252	99271	2.805	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.03	276	106640	2.435	ng/ul#	98
95) Dibenzo(a,h)anthracene	29.10	278	110242	3.031	ng/ul#	94
96) Benzo(g,h,i)perylene	30.22	276	67702	1.877	ng/ul#	90

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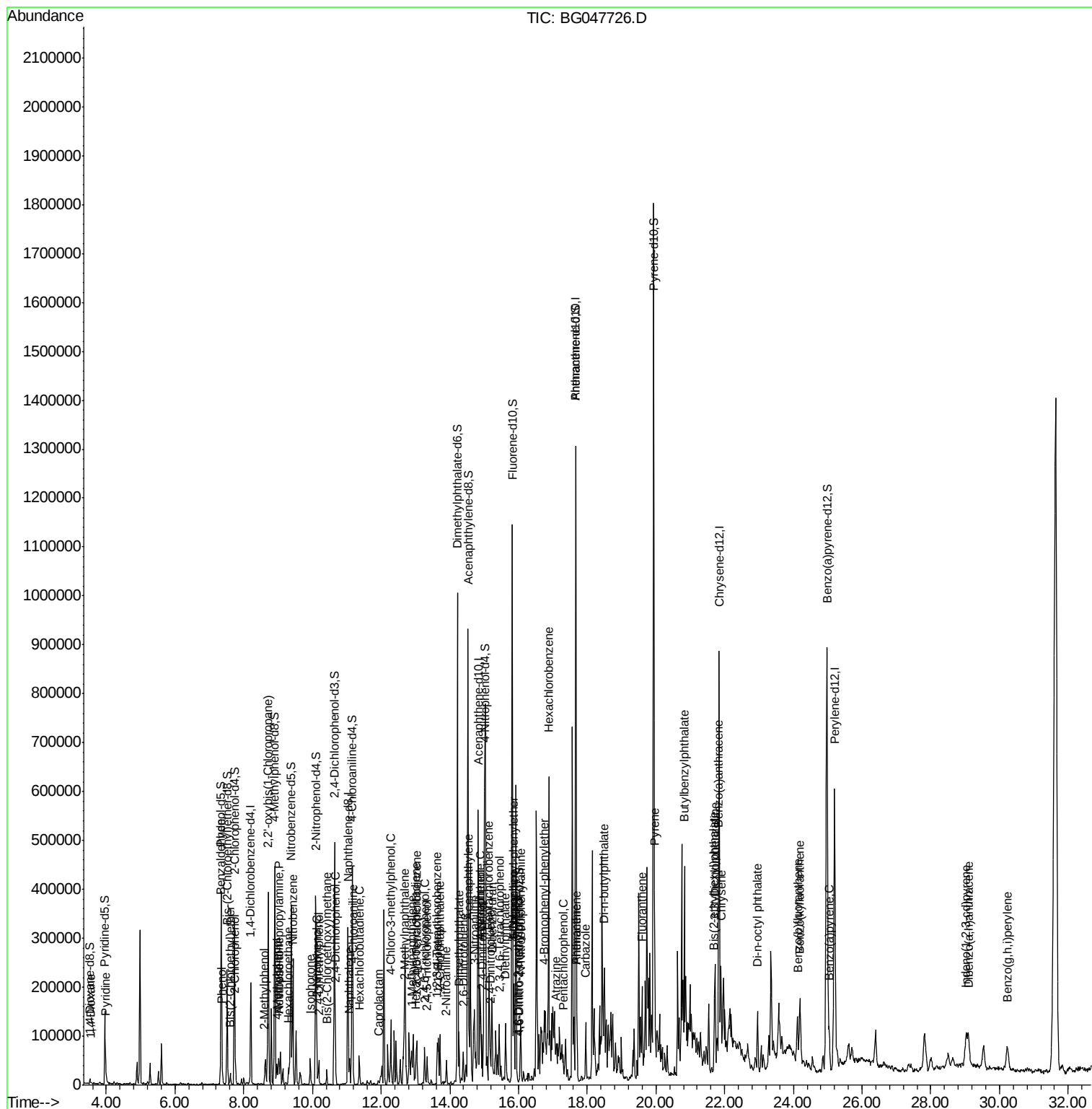
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

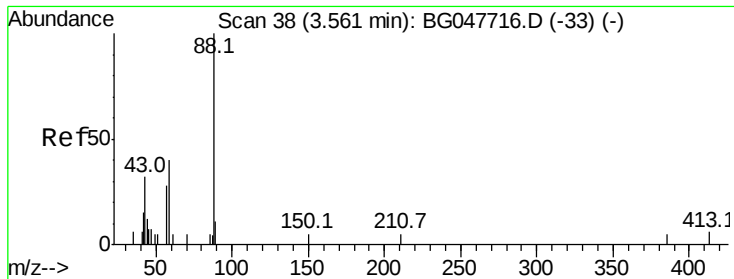
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.443 ng/uL

RT: 3.56 min Scan# 37

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

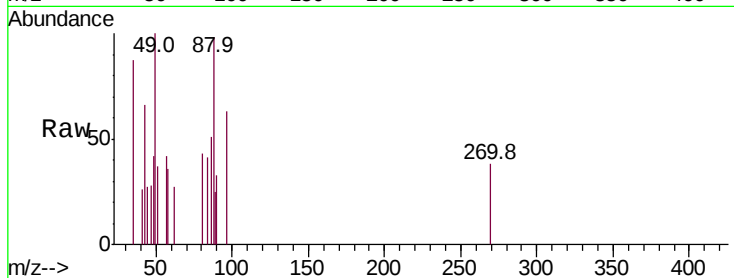
Tot Ion: 88 Resp: 525

Ion Ratio Lower Upper

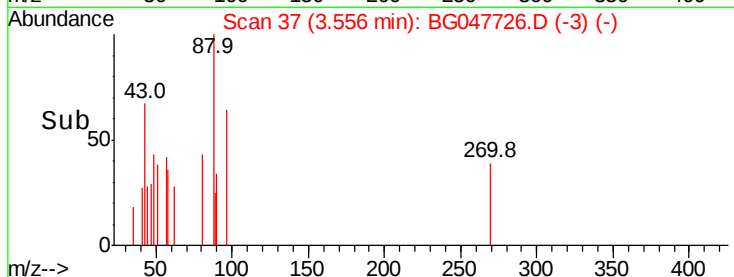
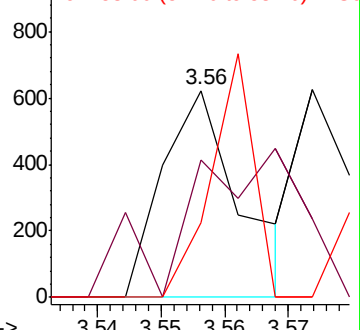
88 100

43 66.6 40.6 61.0#

58 36.3 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: 2.677 ng/uL

RT: 3.99 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

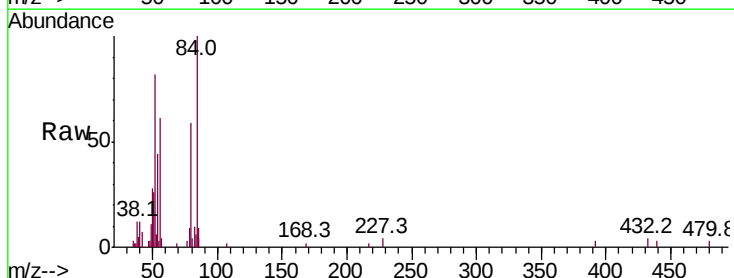
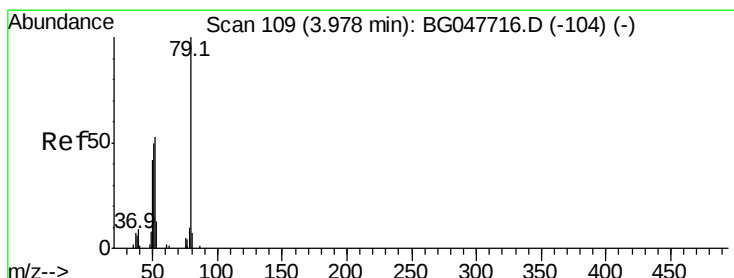
Tgt Ion: 79 Resp: 8184

Ion Ratio Lower Upper

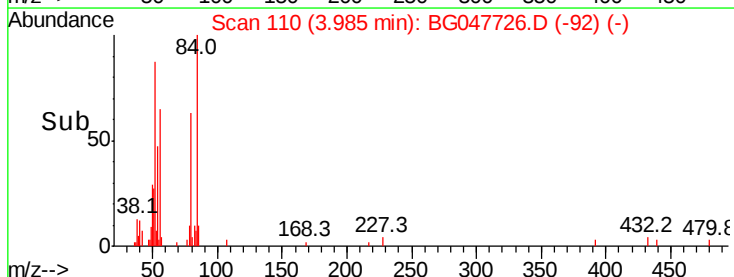
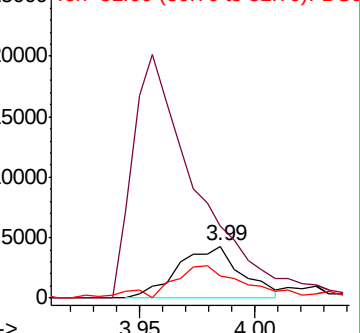
79 100

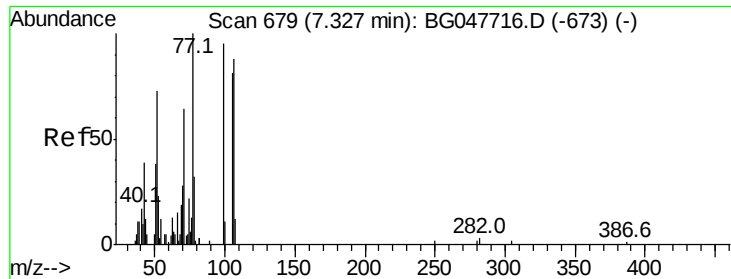
52 138.6 60.8 91.2#

51 43.5 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: 5.673 ng/ul

RT: 7.33 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

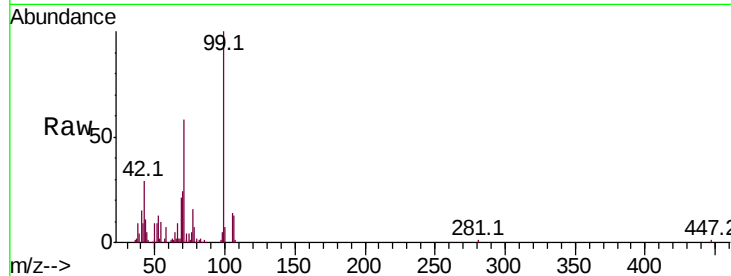
Tot Ion: 77 Resp: 11046

Ion Ratio Lower Upper

77 100

105 89.7 67.9 101.9

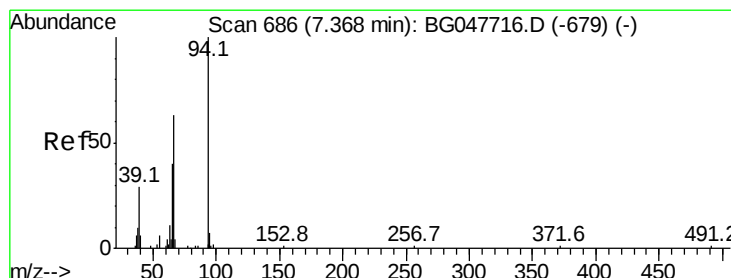
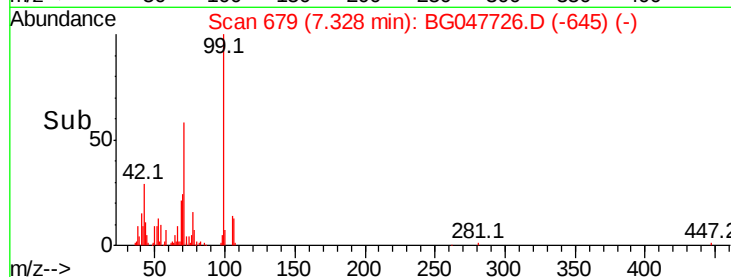
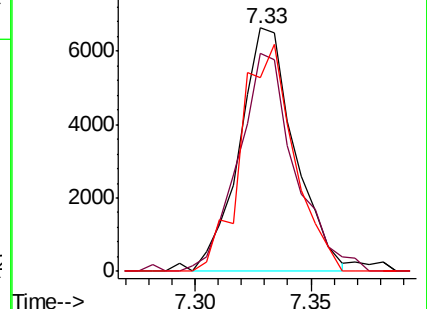
106 79.6 68.1 102.1



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: 3.575 ng/ul

RT: 7.38 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

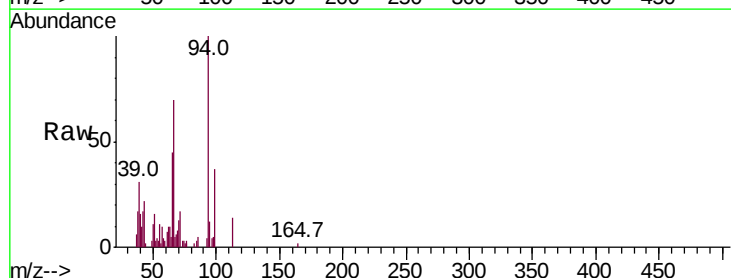
Tgt Ion: 94 Resp: 14886

Ion Ratio Lower Upper

94 100

65 45.3 37.2 55.8

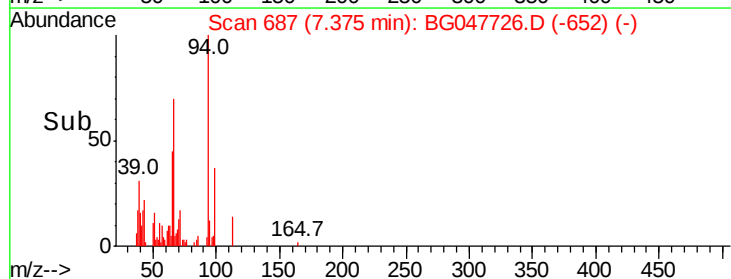
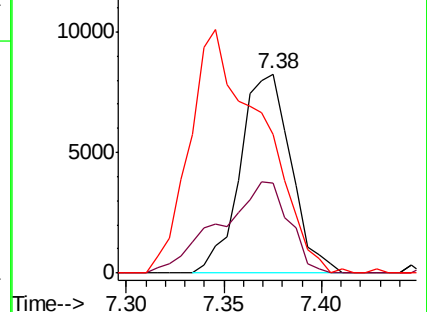
66 69.7 63.2 94.8

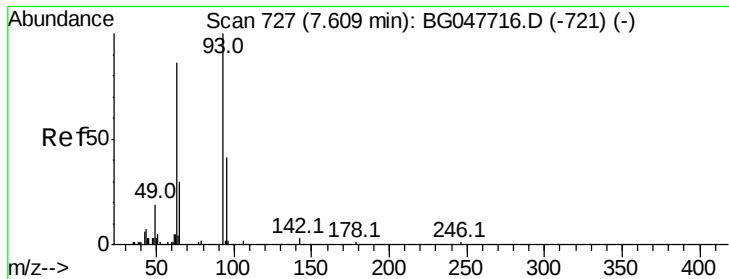


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

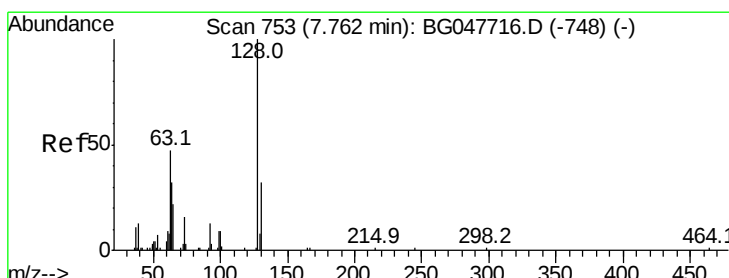
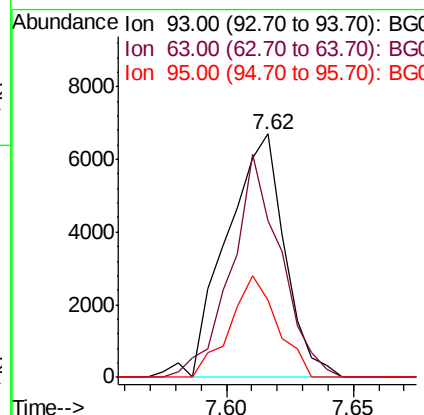
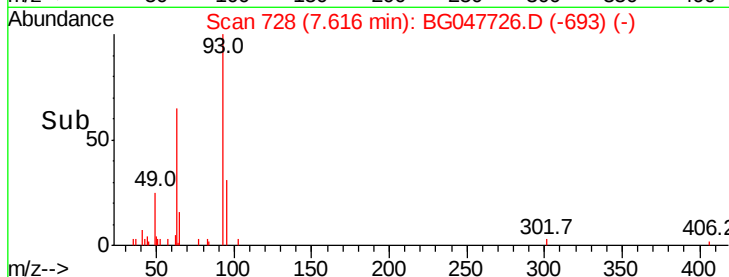
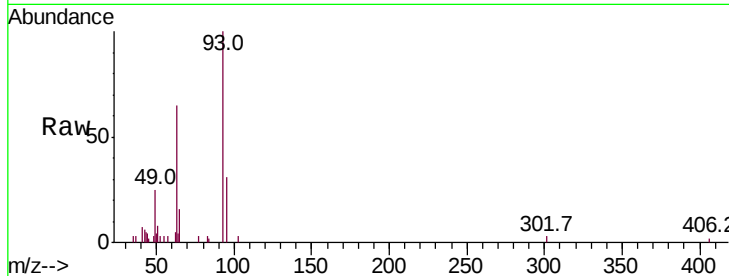




#10
Bis(2-Chloroethyl)ether
Concen: 3.625 ng/ul
RT: 7.62 min Scan# 728
Delta R.T. 0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

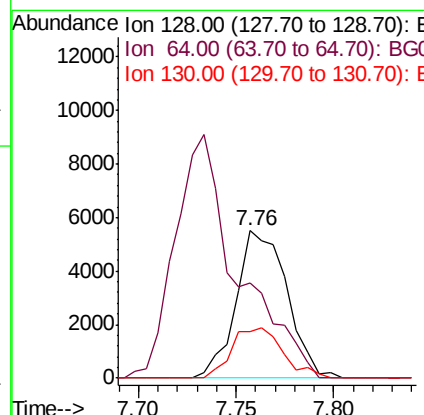
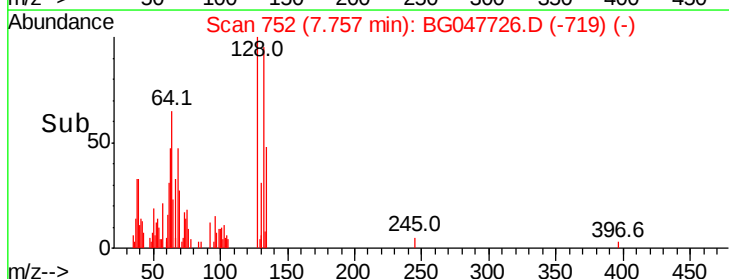
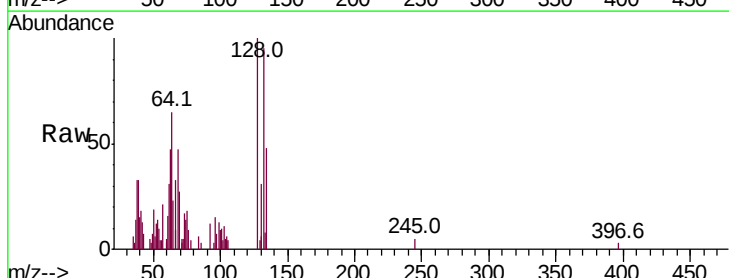
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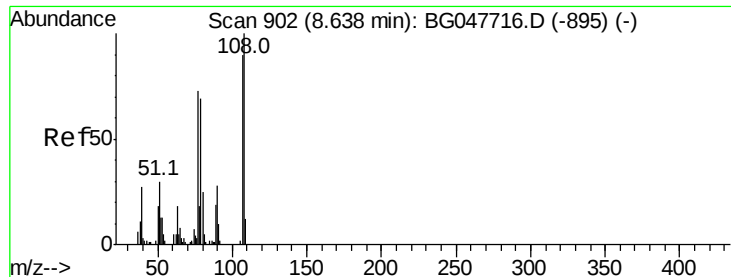
Tot Ion: 93 Resp: 10500
Ion Ratio Lower Upper
93 100
63 64.5 58.2 87.4
95 31.5 23.4 35.2



#12
2-Chlorophenol
Concen: 3.130 ng/ul
RT: 7.76 min Scan# 752
Delta R.T. -0.01 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

Tgt Ion:128 Resp: 9952
Ion Ratio Lower Upper
128 100
64 64.7 40.2 60.2#
130 31.1 24.6 36.8





#13

2-Methylphenol

Concen: 0.021 ng/ul

RT: 8.60 min Scan# 896

Delta R.T. -0.03 min

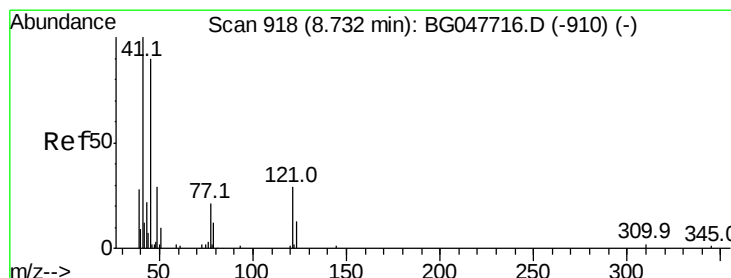
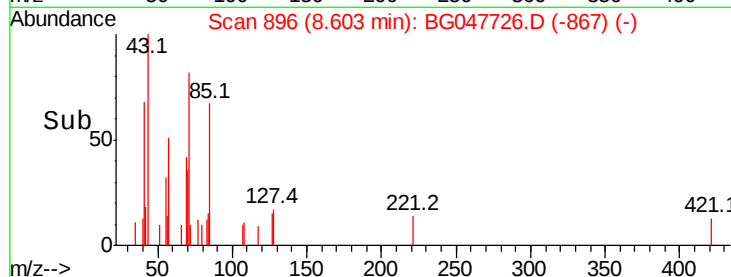
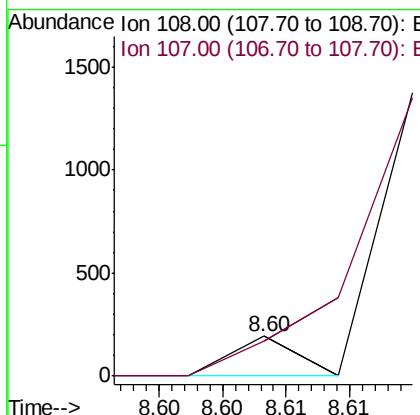
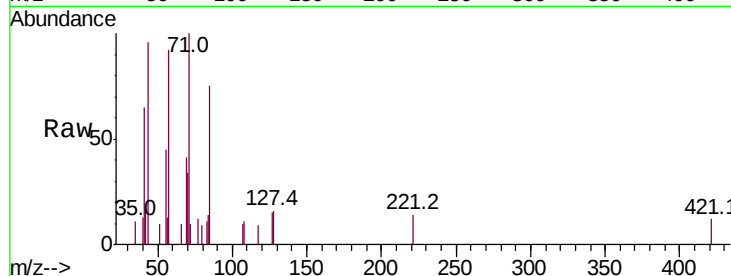
Lab File: BG047726.D

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Tot Ion:108 Resp: 68

Ion	Ratio	Lower	Upper
108	100		
107	87.6	83.8	125.6



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.852 ng/ul

RT: 8.72 min Scan# 916

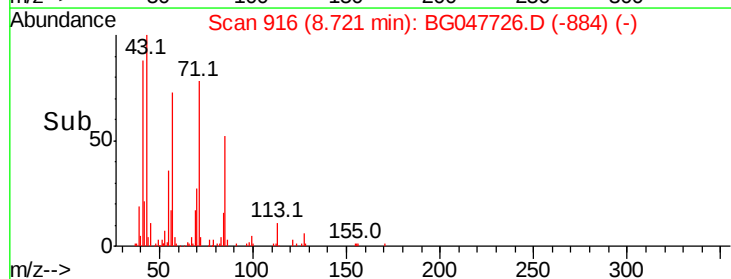
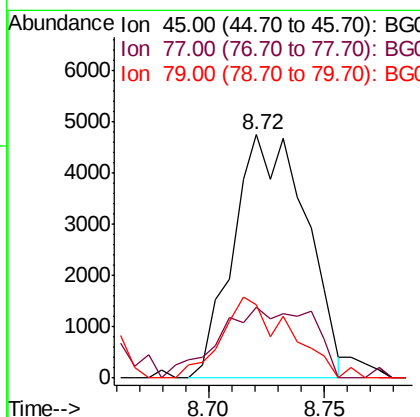
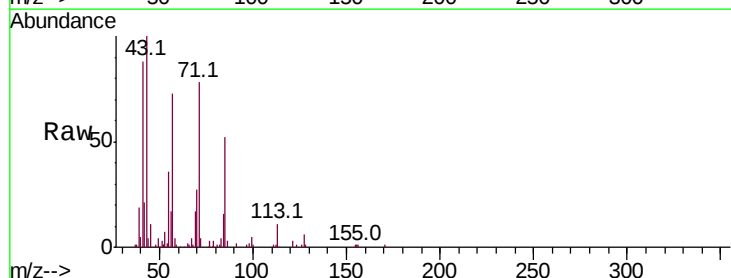
Delta R.T. -0.01 min

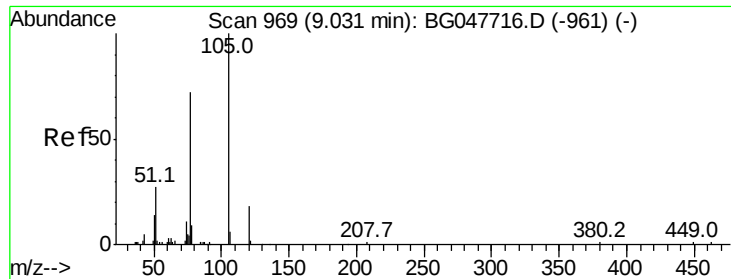
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Tgt Ion: 45 Resp: 10384

Ion	Ratio	Lower	Upper
45	100		
77	29.3	18.3	27.5#
79	30.3	17.0	25.6#





#16

Acetophenone

Concen: 3.576 ng/ul

RT: 9.03 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

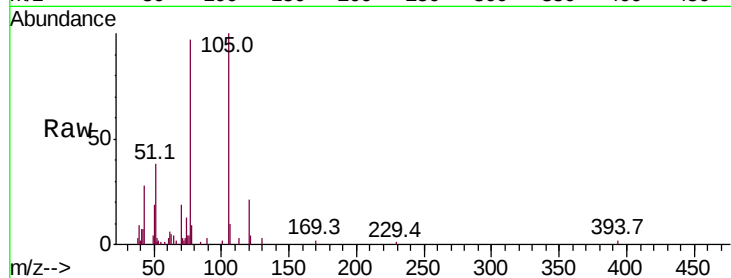
Tot Ion:105 Resp: 19361

Ion Ratio Lower Upper

105 100

77 97.1 64.5 96.7#

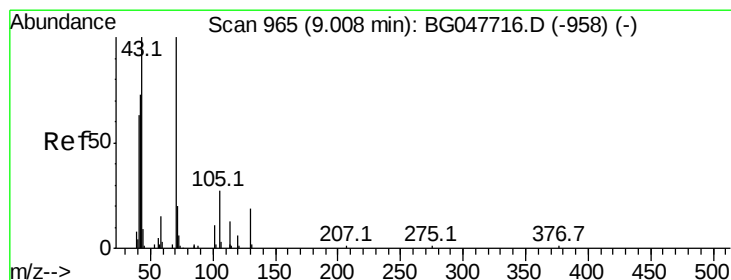
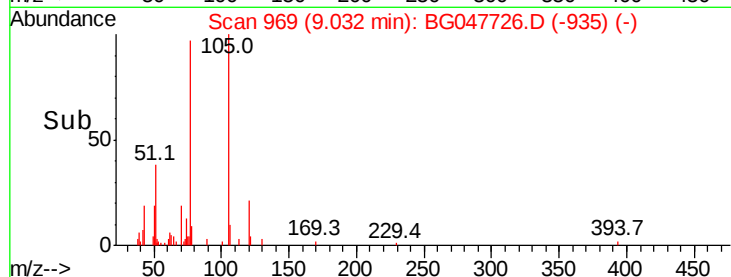
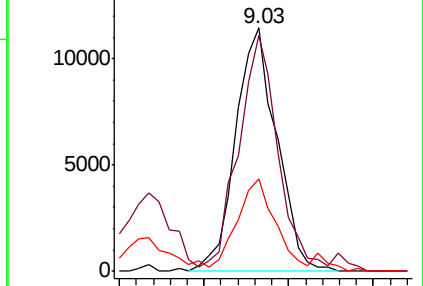
51 38.1 27.7 41.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#17

N-Nitroso-di-n-propylamine

Concen: 4.040 ng/ul

RT: 9.01 min Scan# 966

Delta R.T. 0.01 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Tgt Ion: 70 Resp: 12010

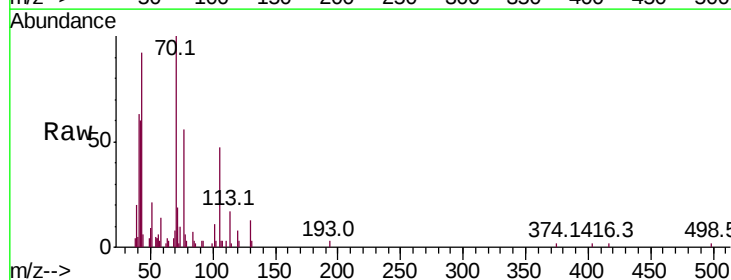
Ion Ratio Lower Upper

70 100

42 59.9 45.0 67.6

101 10.9 7.0 10.4#

130 13.0 11.8 17.8

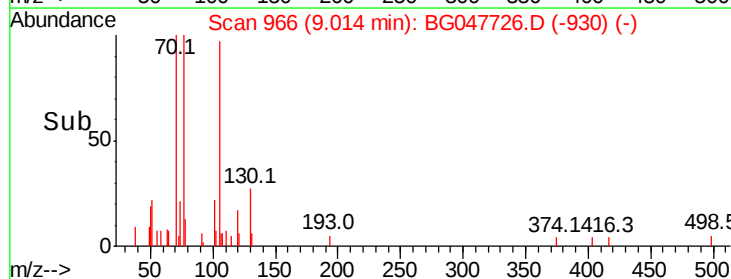
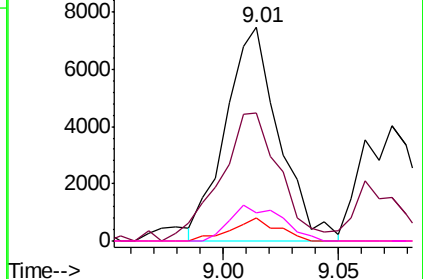


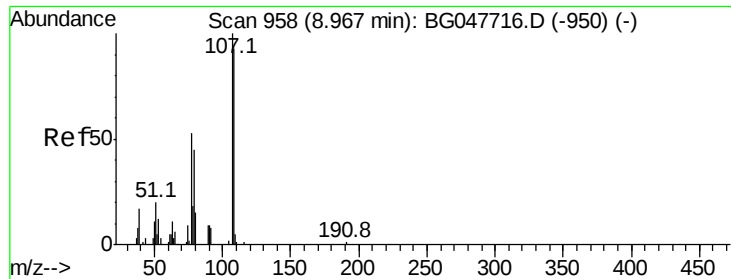
Abundance Ion 70.00 (69.70 to 70.70): BG

Ion 42.00 (41.70 to 42.70): BG

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

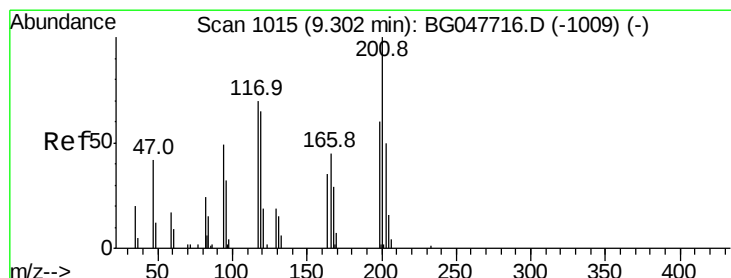
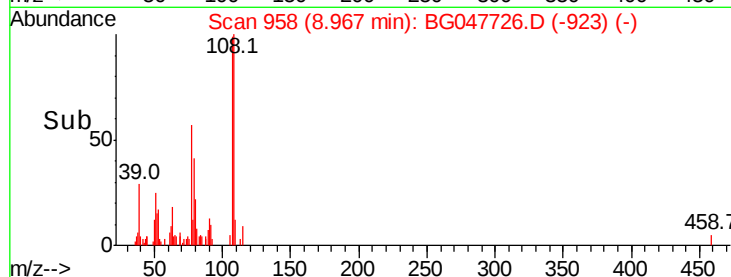
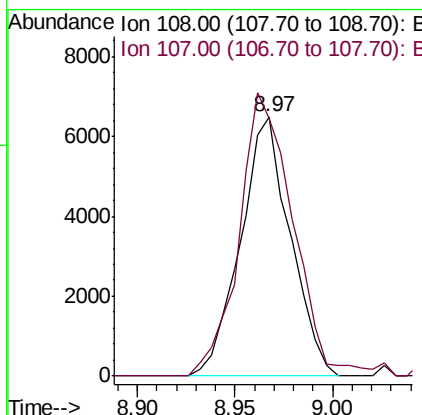
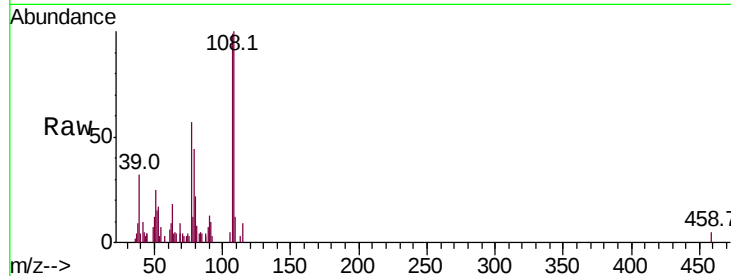




#18
4-Methylphenol
Concen: 3.294 ng/ul
RT: 8.97 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

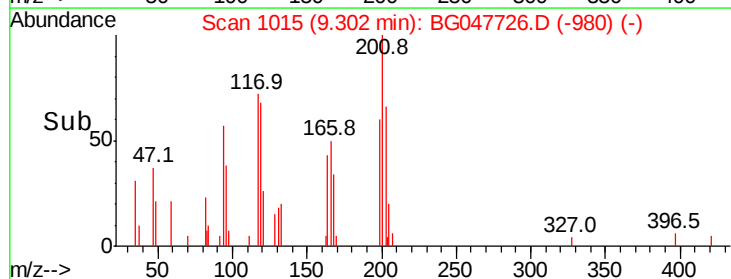
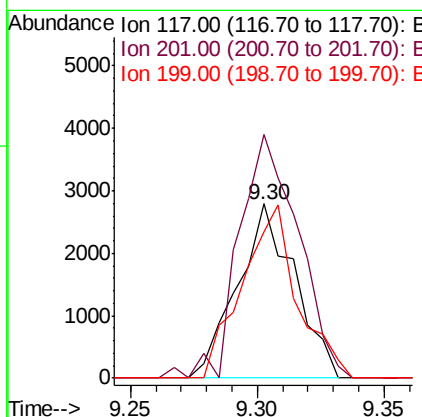
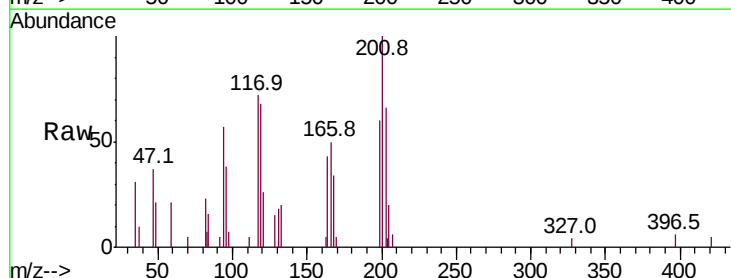
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

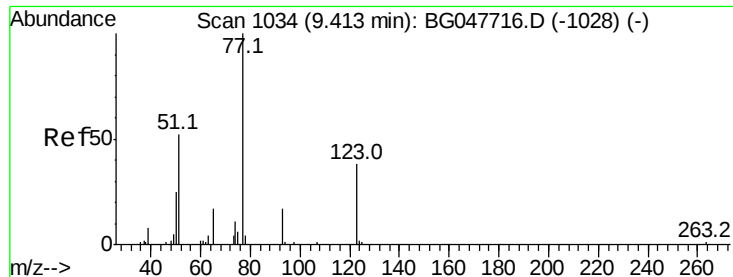
Tot Ion:108 Resp: 11451
Ion Ratio Lower Upper
108 100
107 99.4 87.4 131.0



#19
Hexachloroethane
Concen: 2.800 ng/ul
RT: 9.30 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

Tgt Ion:117 Resp: 4360
Ion Ratio Lower Upper
117 100
201 139.6 96.7 145.1
199 83.6 56.6 85.0





#22

Nitrobenzene

Concen: 3.030 ng/ul

RT: 9.41 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

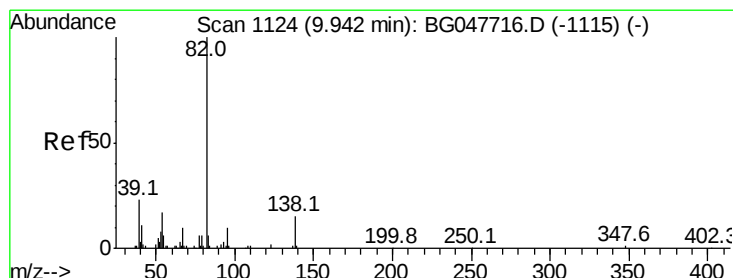
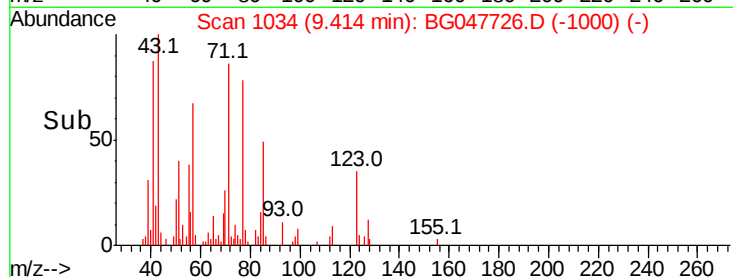
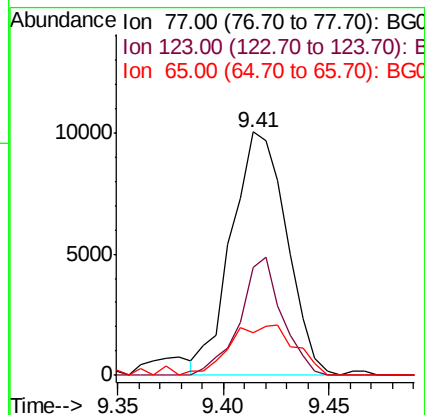
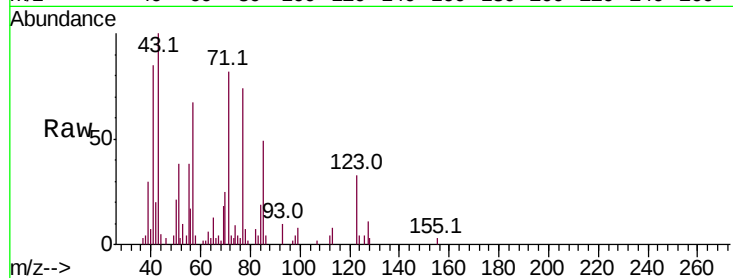
Tot Ion: 77 Resp: 18162

Ion Ratio Lower Upper

77 100

123 44.5 22.5 33.7#

65 17.7 13.8 20.6



#23

Isophorone

Concen: 3.058 ng/ul

RT: 9.94 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

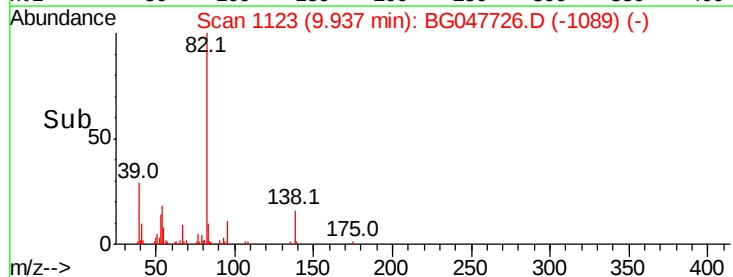
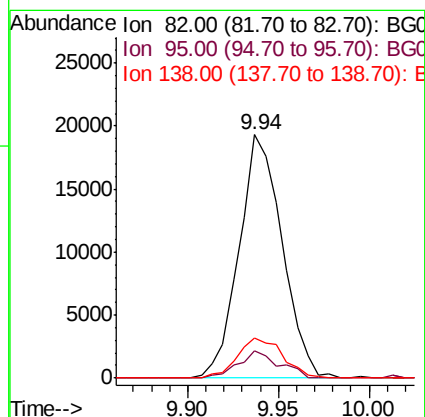
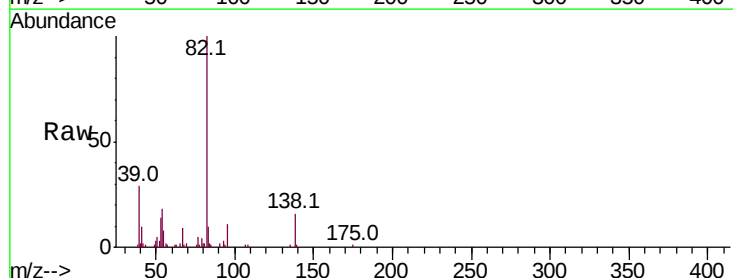
Tgt Ion: 82 Resp: 31840

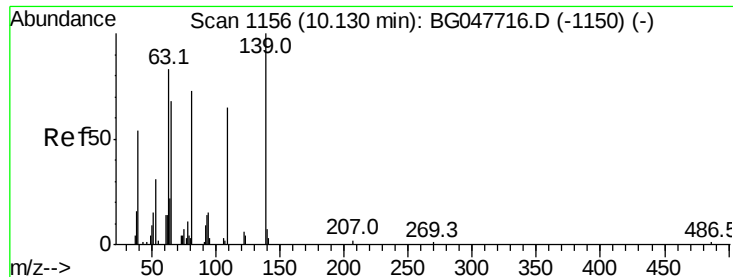
Ion Ratio Lower Upper

82 100

95 11.3 8.7 13.1

138 16.3 12.4 18.6





#25

2-Nitrophenol

Concen: 2.901 ng/ul

RT: 10.13 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

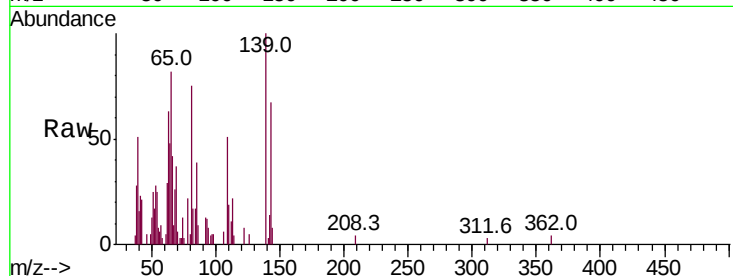
Tot Ion:139 Resp: 6945

Ion Ratio Lower Upper

139 100

65 82.3 58.7 88.1

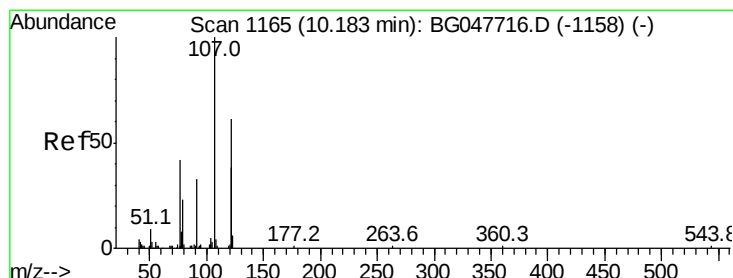
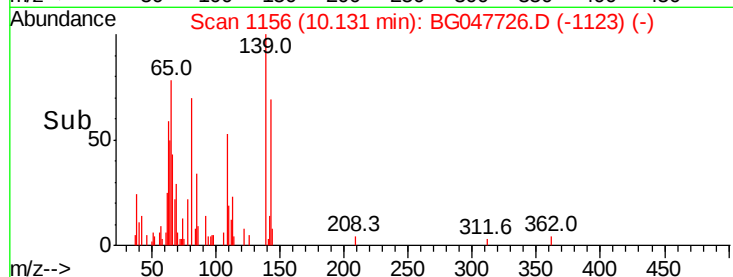
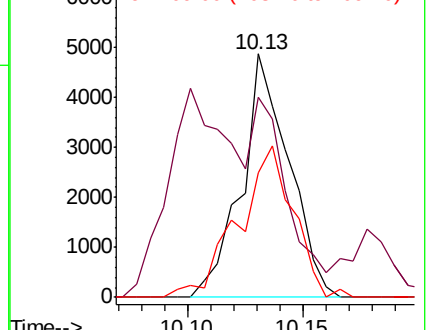
109 51.0 48.2 72.2



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: 3.006 ng/ul

RT: 10.18 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

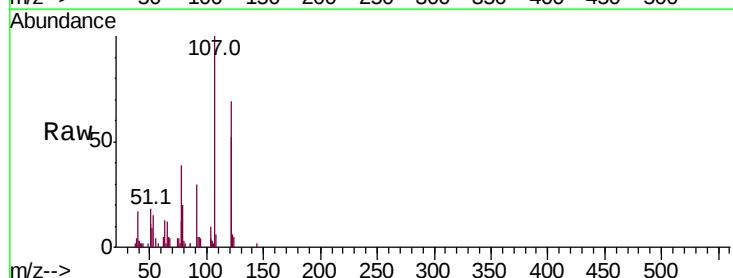
Tgt Ion:107 Resp: 16895

Ion Ratio Lower Upper

107 100

121 51.7 36.7 55.1

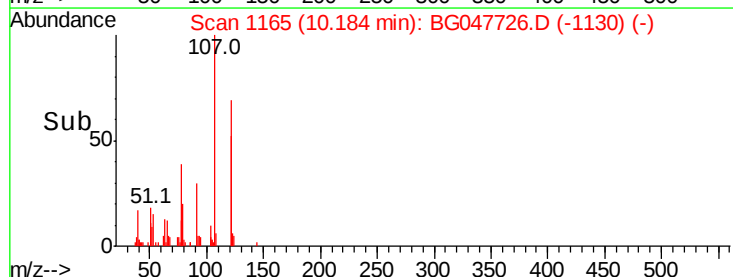
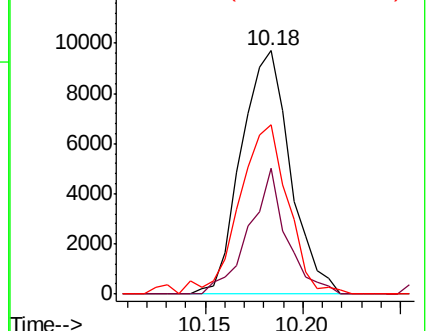
122 69.4 57.7 86.5

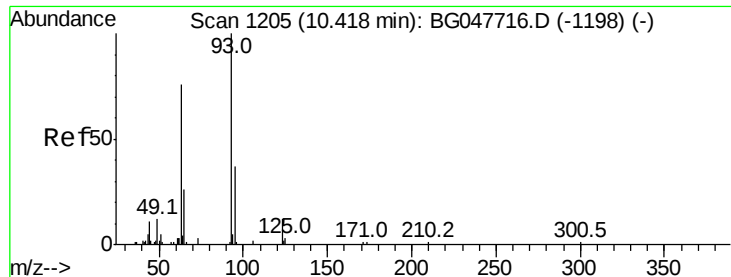


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

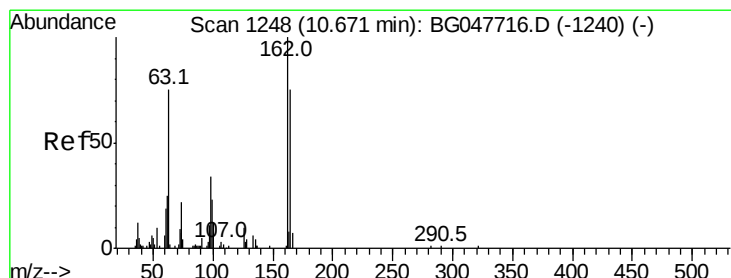
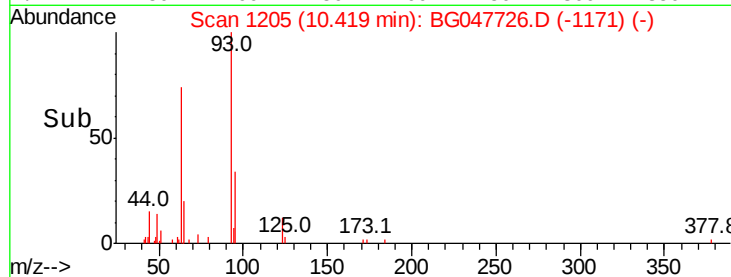
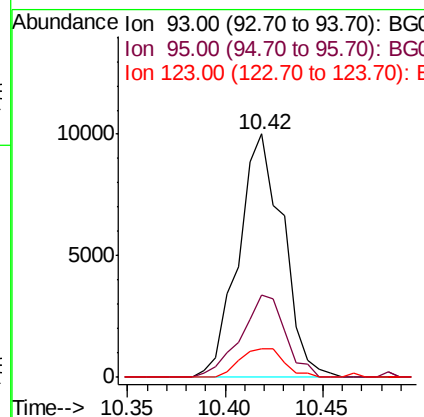
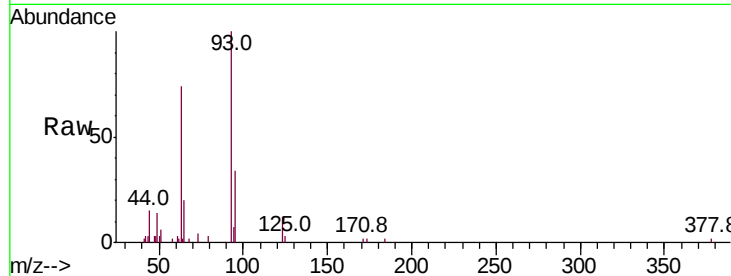




#27
 Bis(2-Chloroethoxy)methane
 Concen: 3.186 ng/ul
 RT: 10.42 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BG047726.D
 Acq: 11 Dec 2020 23:11

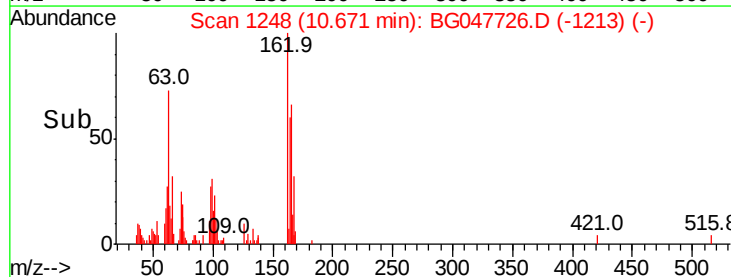
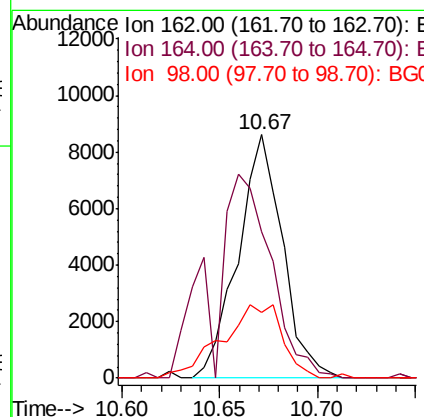
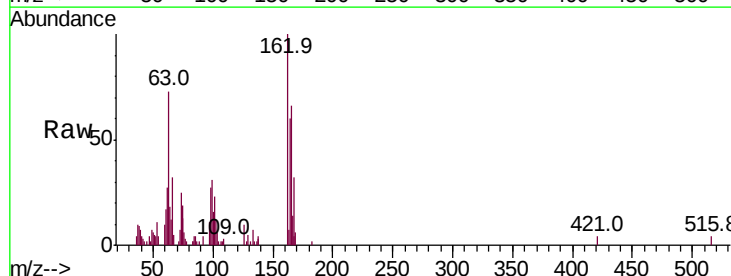
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

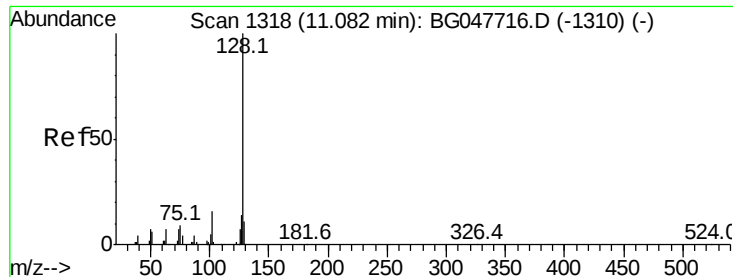
Tot Ion: 93 Resp: 15830
 Ion Ratio Lower Upper
 93 100
 95 33.6 23.4 35.2
 123 11.5 8.0 12.0



#29
 2,4-Dichlorophenol
 Concen: 3.077 ng/ul
 RT: 10.67 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BG047726.D
 Acq: 11 Dec 2020 23:11

Tgt Ion: 162 Resp: 13663
 Ion Ratio Lower Upper
 162 100
 164 60.1 48.7 73.1
 98 27.0 27.3 40.9#





#30

Naphthalene

Concen: 2.842 ng/ul

RT: 11.08 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

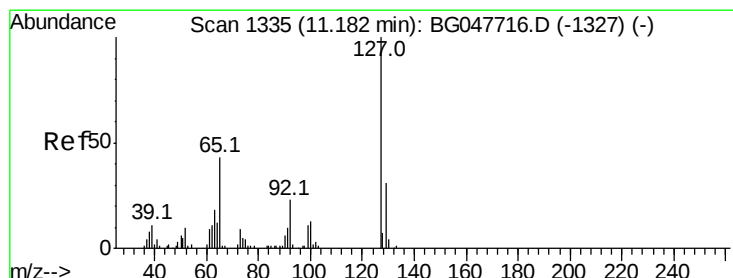
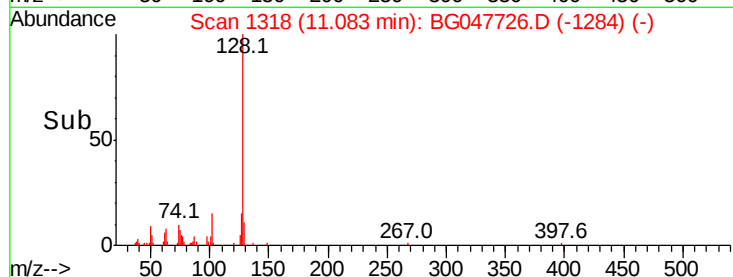
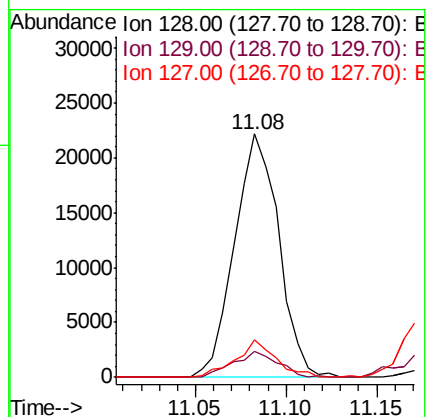
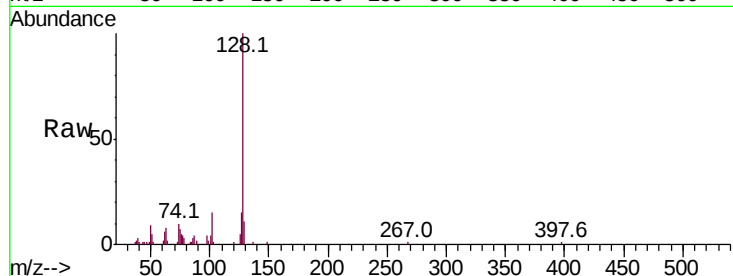
Tot Ion:128 Resp: 37566

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

127 15.2 11.1 16.7



#32

4-Chloroaniline

Concen: 2.846 ng/ul

RT: 11.18 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG047726.D

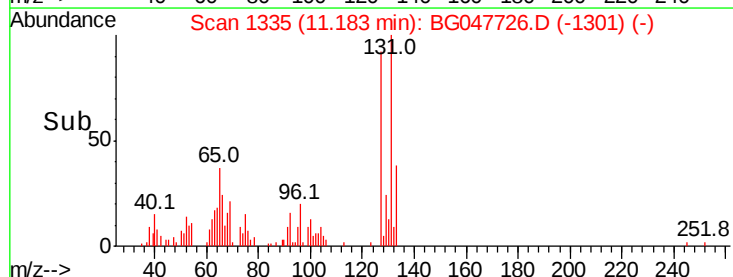
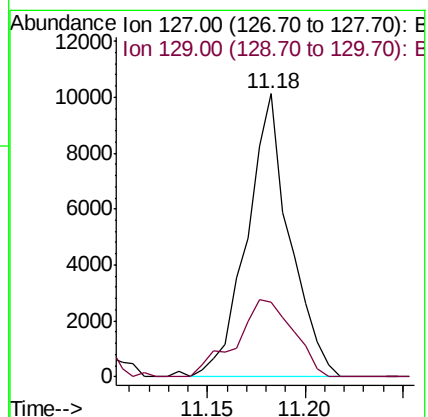
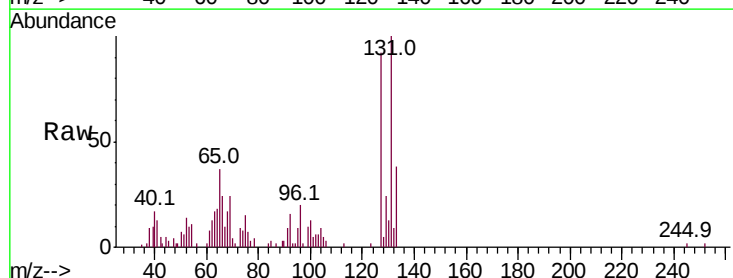
Acq: 11 Dec 2020 23:11

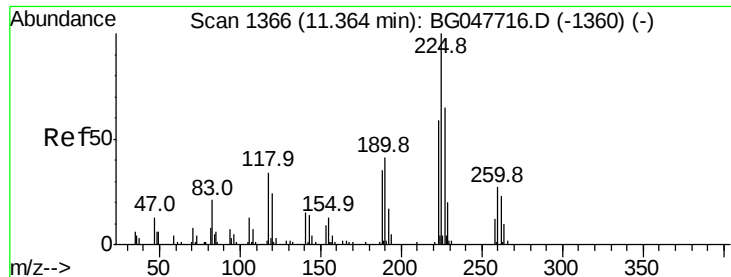
Tgt Ion:127 Resp: 15324

Ion Ratio Lower Upper

127 100

129 26.2 24.6 37.0





#33

Hexachlorobutadiene

Concen: 2.952 ng/ul

RT: 11.36 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

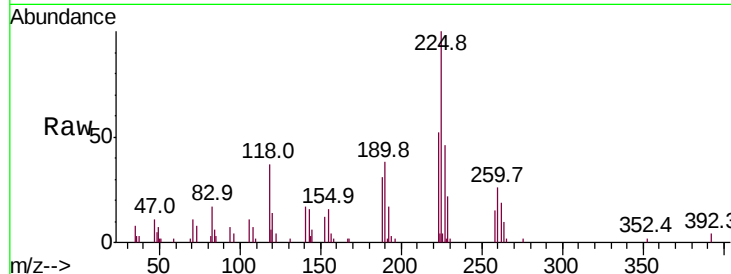
Tot Ion:225 Resp: 14078

Ion Ratio Lower Upper

225 100

223 56.0 57.4 86.0#

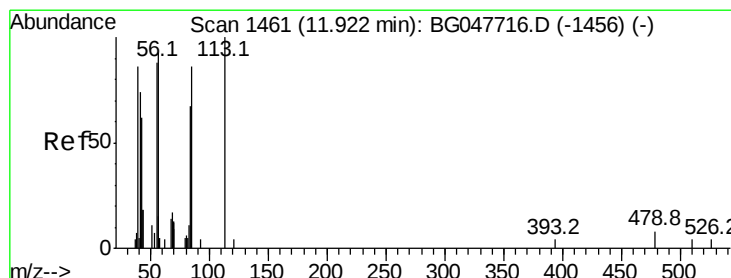
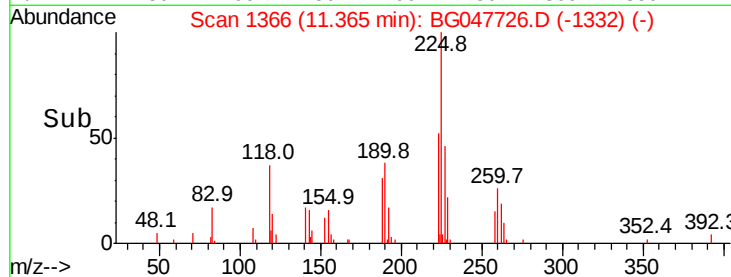
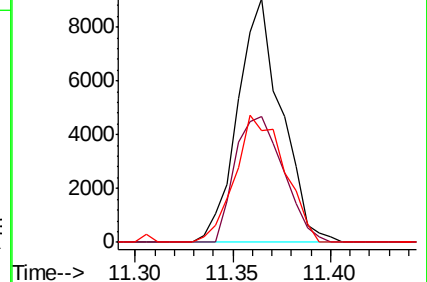
227 45.9 59.2 88.8#



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: 0.356 ng/ul

RT: 11.93 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

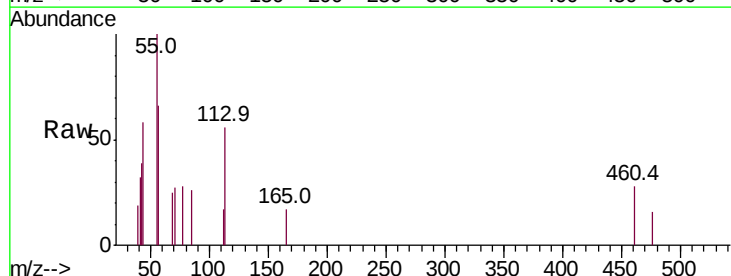
Tgt Ion:113 Resp: 535

Ion Ratio Lower Upper

113 100

55 179.6 65.1 97.7#

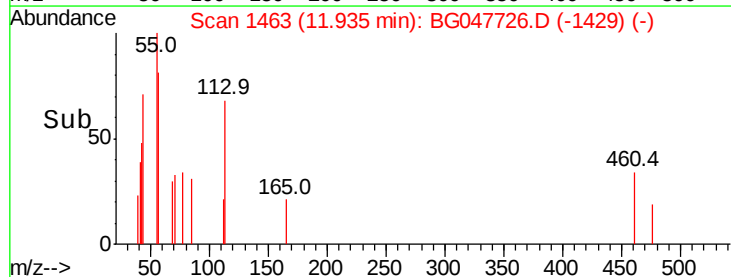
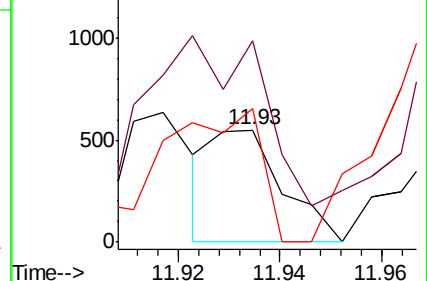
56 118.4 63.1 94.7#

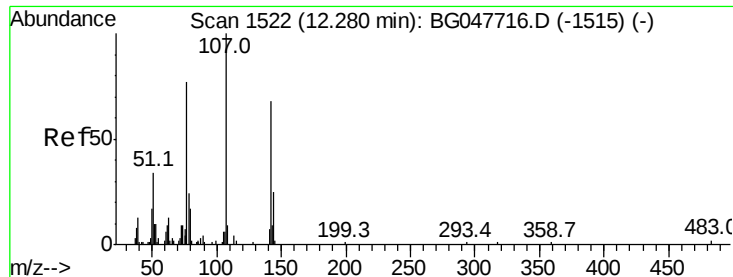


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

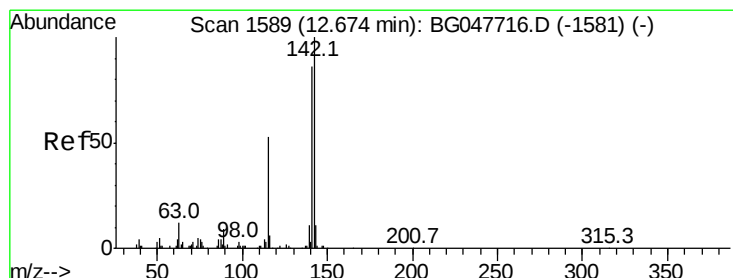
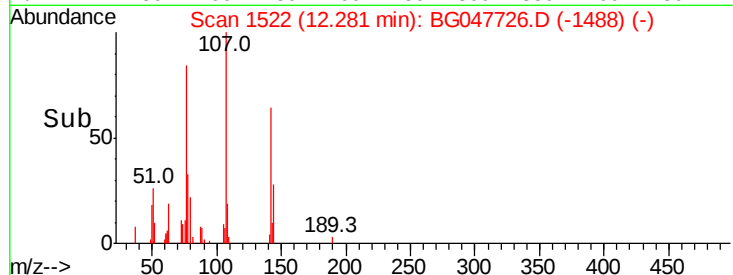
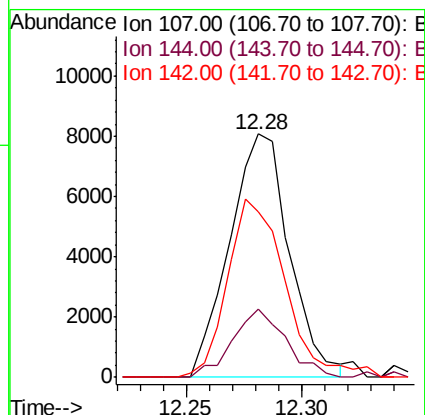
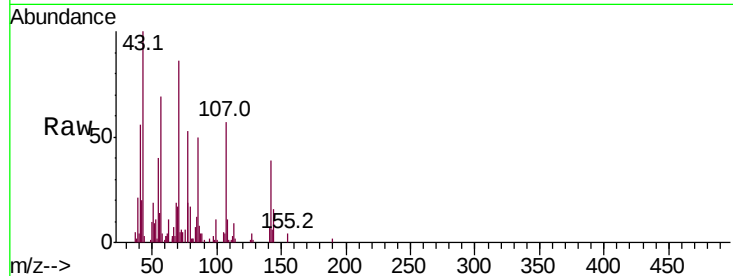




#35
 4-Chloro-3-methylphenol
 Concen: 2.975 ng/ul
 RT: 12.28 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BG047726.D
 Acq: 11 Dec 2020 23:11

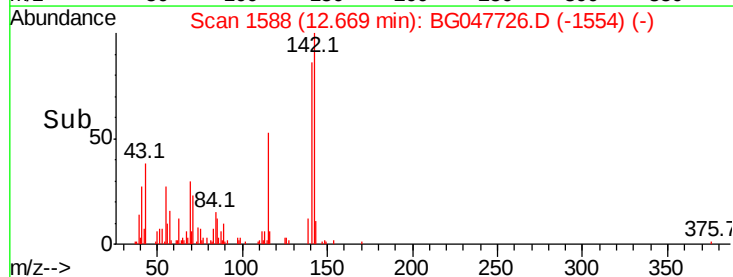
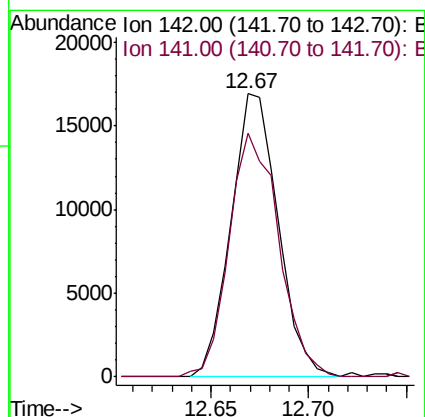
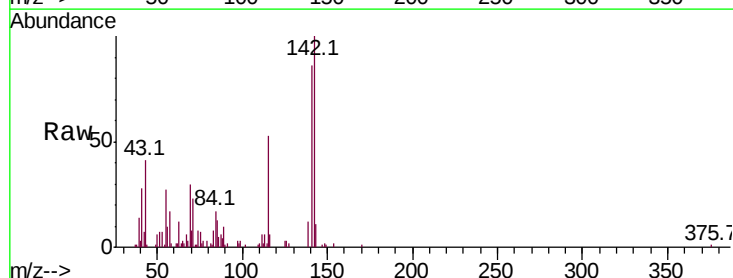
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

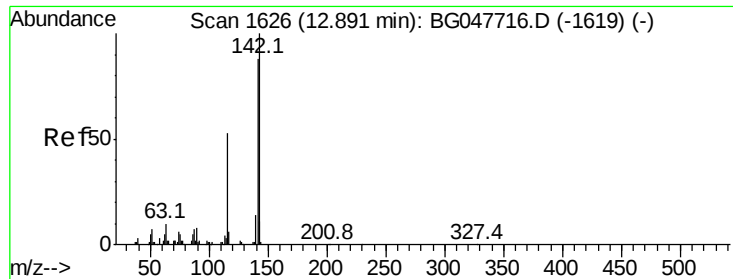
Tot Ion:107 Resp: 14560
 Ion Ratio Lower Upper
 107 100
 144 27.9 14.6 22.0#
 142 68.0 47.7 71.5



#36
 2-Methylnaphthalene
 Concen: 2.837 ng/ul
 RT: 12.67 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BG047726.D
 Acq: 11 Dec 2020 23:11

Tgt Ion:142 Resp: 28292
 Ion Ratio Lower Upper
 142 100
 141 86.2 67.0 100.6





#37

1-Methylnaphthalene

Concen: 2.861 ng/ul

RT: 12.89 min Scan# 1625

Delta R.T. -0.00 min

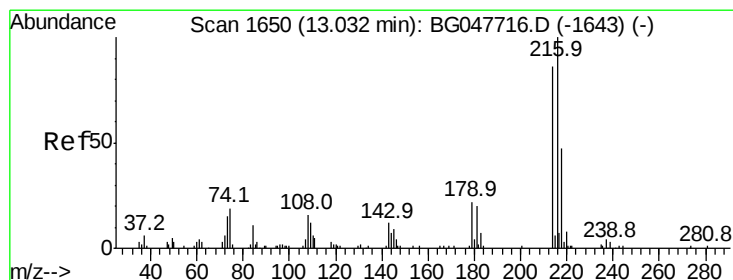
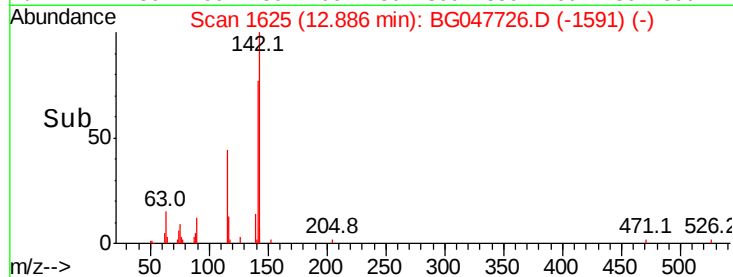
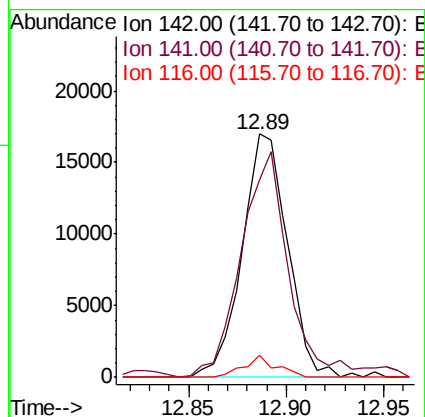
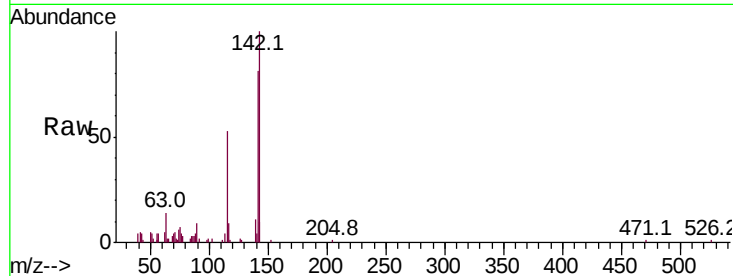
Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

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

Tot Ion:142 Resp: 27269

Ion	Ratio	Lower	Upper
142	100		
141	81.2	74.6	112.0
116	9.0	4.4	6.6#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.652 ng/ul

RT: 13.03 min Scan# 1650

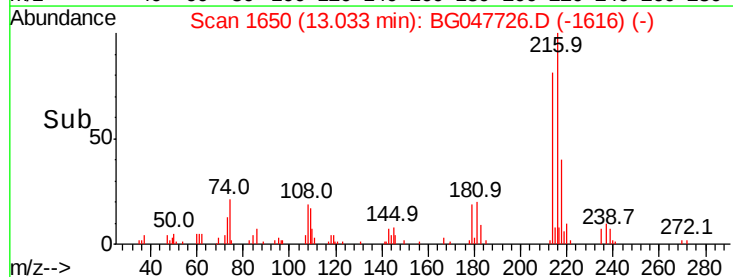
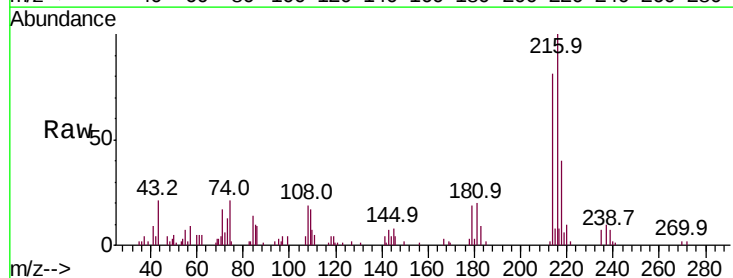
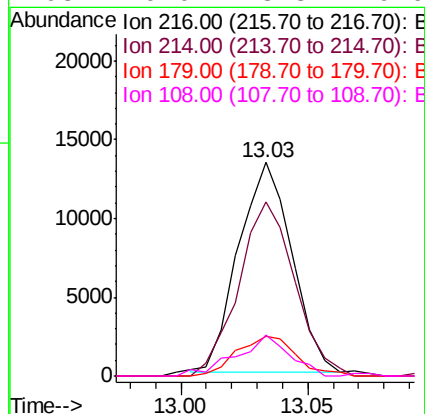
Delta R.T. -0.00 min

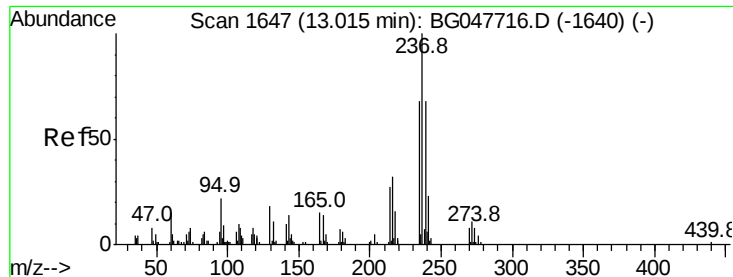
Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Tgt Ion:216 Resp: 19487

Ion	Ratio	Lower	Upper
216	100		
214	81.4	69.7	104.5
179	18.8	15.2	22.8
108	19.0	13.8	20.6





#40

Hexachlorocyclopentadiene

Concen: 2.535 ng/ul

RT: 13.01 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

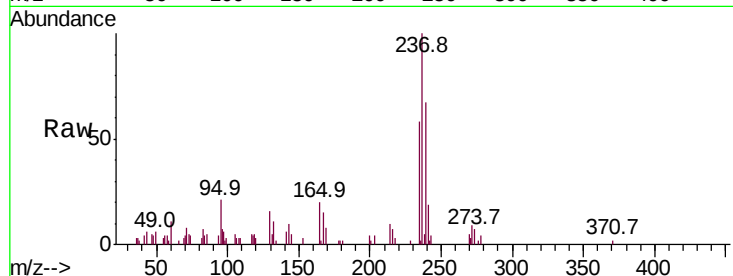
Tot Ion:237 Resp: 12217

Ion Ratio Lower Upper

237 100

235 60.2 49.4 74.0

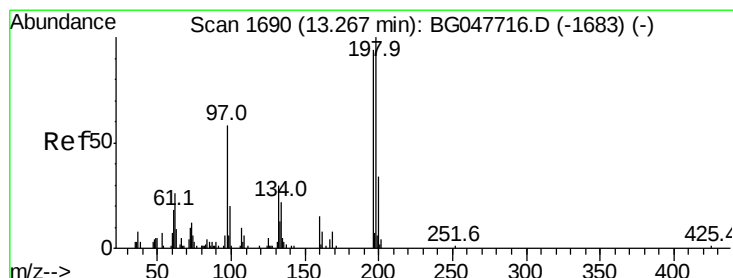
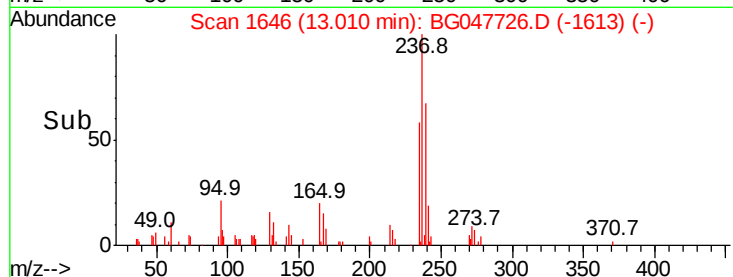
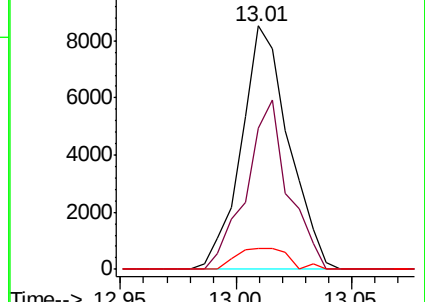
272 8.8 8.4 12.6



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: 3.110 ng/ul

RT: 13.26 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

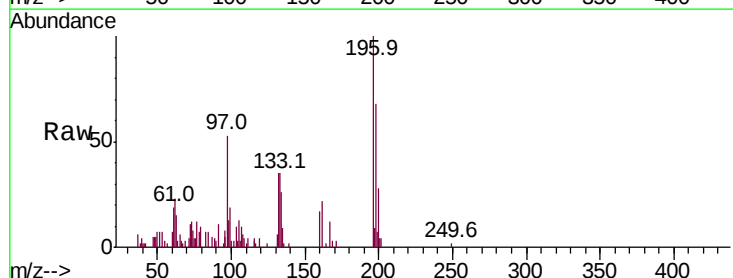
Tgt Ion:196 Resp: 13708

Ion Ratio Lower Upper

196 100

198 68.4 77.6 116.4#

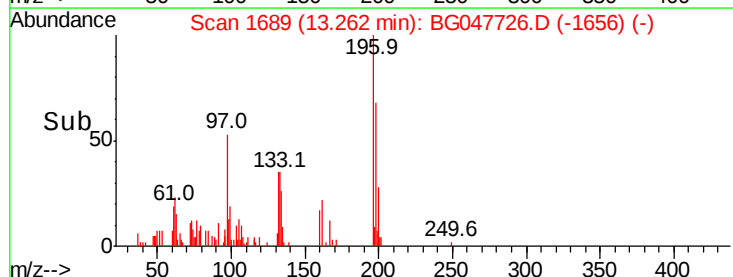
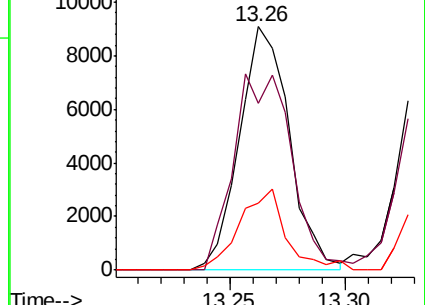
200 31.8 27.0 40.6

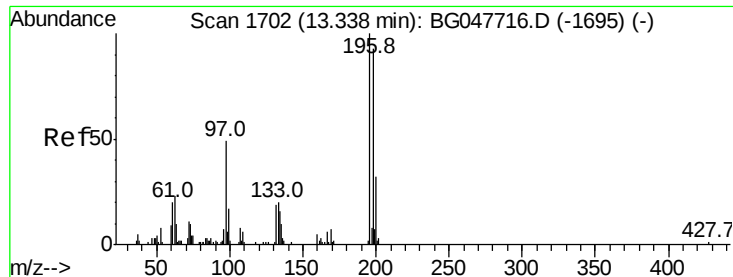


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

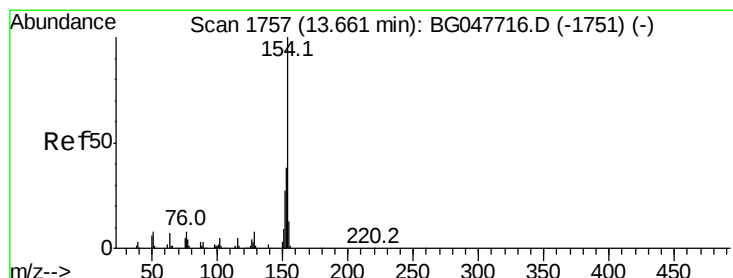
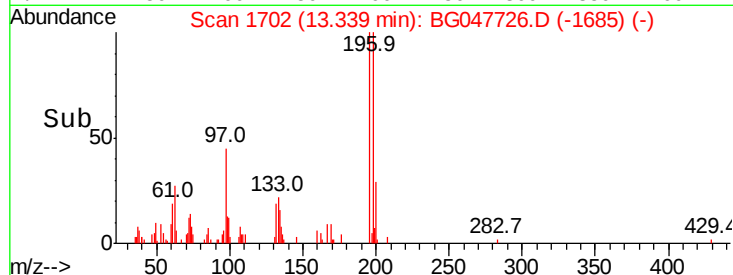
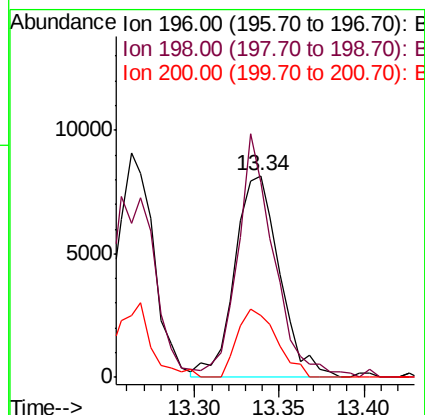
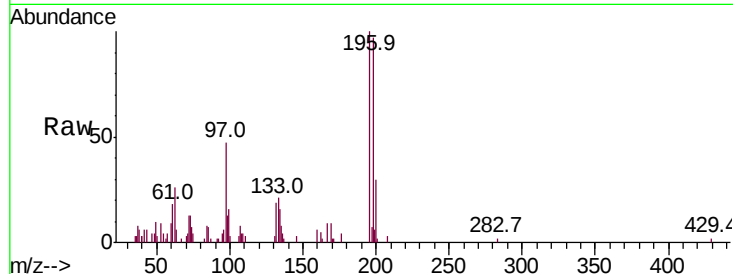




#42
 2,4,5-Trichlorophenol
 Concen: 3.227 ng/ul
 RT: 13.34 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG047726.D
 Acq: 11 Dec 2020 23:11

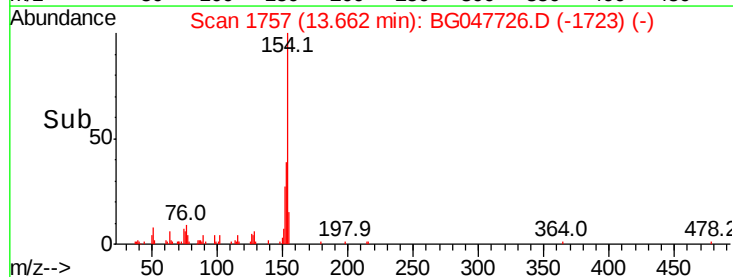
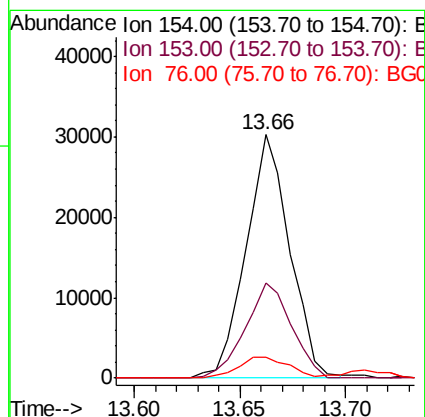
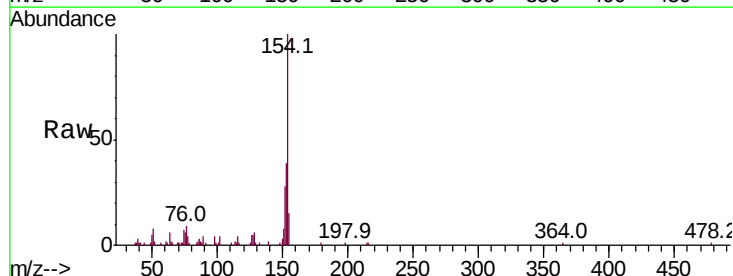
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

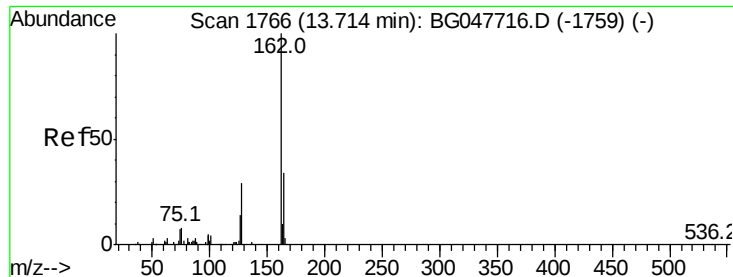
Tot Ion	Ratio	Lower	Upper
196	100		
198	102.9	76.5	114.7
200	30.4	23.4	35.0



#43
 1,1'-Biphenyl
 Concen: 3.153 ng/ul
 RT: 13.66 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG047726.D
 Acq: 11 Dec 2020 23:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	33.8	50.6
76	8.7	7.5	11.3

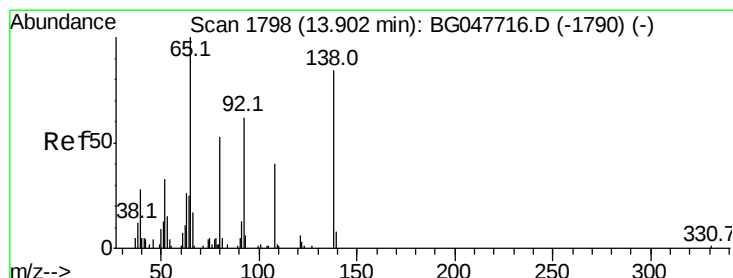
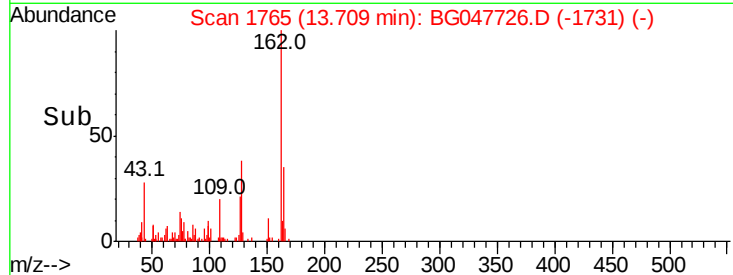
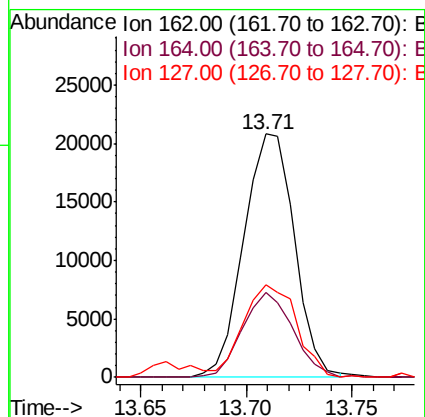
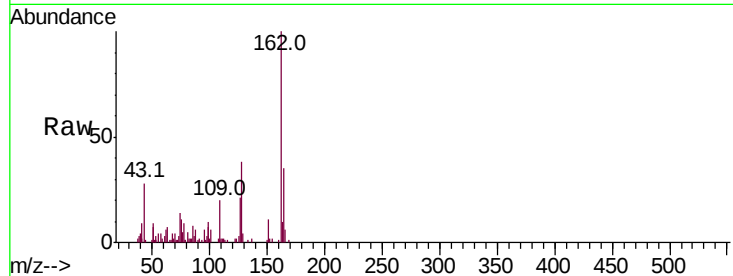




#44
2-Chloronaphthalene
Concen: 3.189 ng/ul
RT: 13.71 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

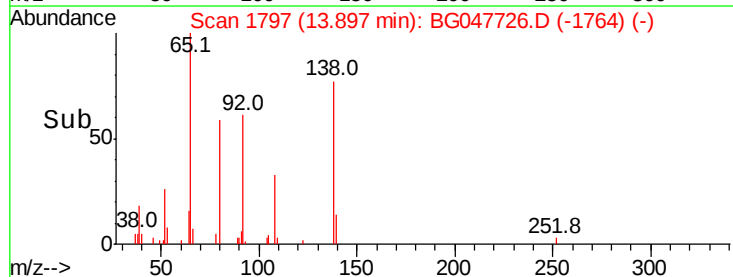
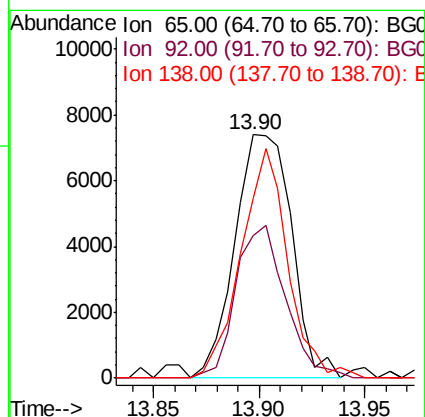
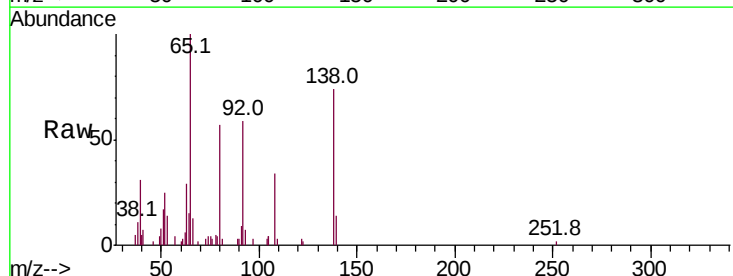
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

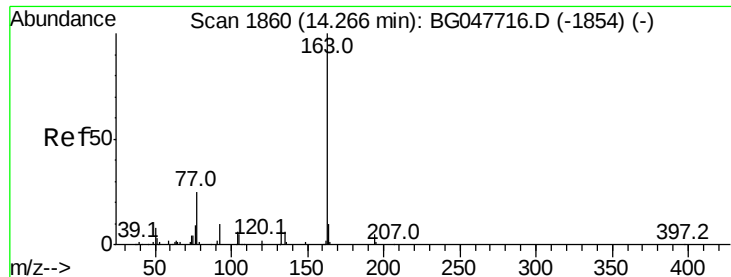
Tot Ion:162 Resp: 34604
Ion Ratio Lower Upper
162 100
164 34.7 27.8 41.6
127 38.2 30.8 46.2



#45
2-Nitroaniline
Concen: 3.690 ng/ul
RT: 13.90 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

Tgt Ion: 65 Resp: 13753
Ion Ratio Lower Upper
65 100
92 58.7 45.8 68.6
138 74.0 71.1 106.7





#47

Dimethylphthalate

Concen: 3.550 ng/ul

RT: 14.27 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

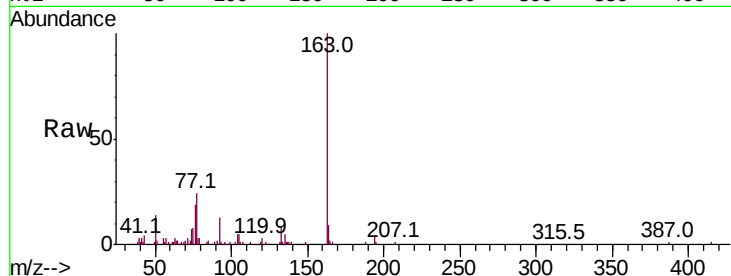
Tot Ion:163 Resp: 53573

Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.2

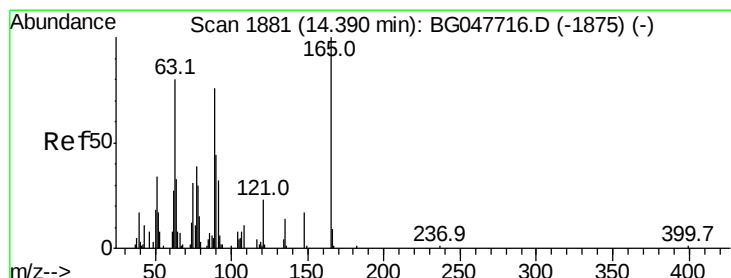
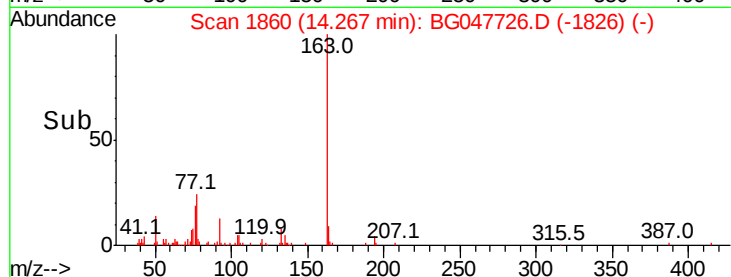
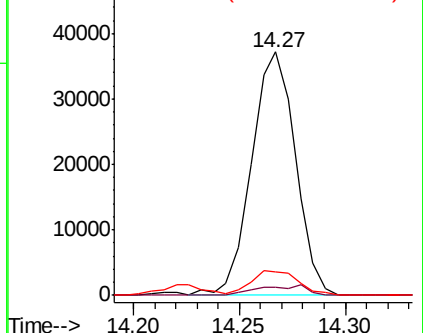
164 9.5 8.1 12.1



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: 3.158 ng/ul

RT: 14.38 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

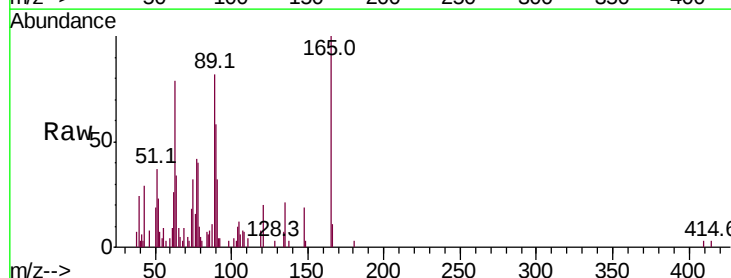
Tgt Ion:165 Resp: 10068

Ion Ratio Lower Upper

165 100

89 81.8 60.7 91.1

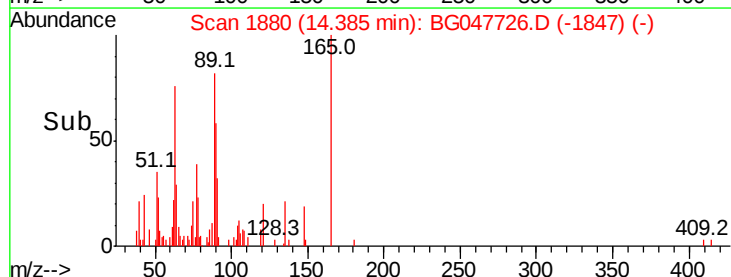
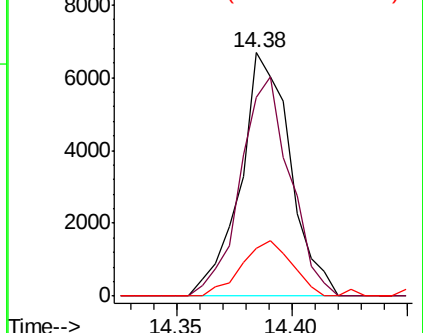
121 19.8 18.1 27.1

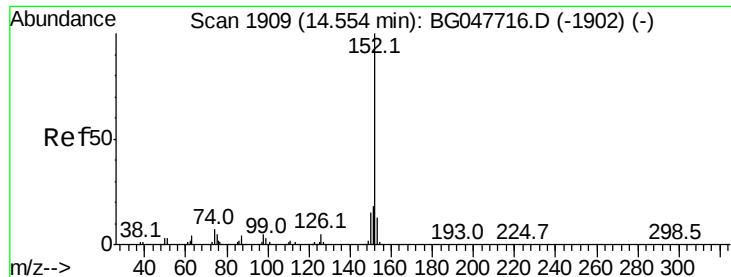


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 3.443 ng/ul

RT: 14.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

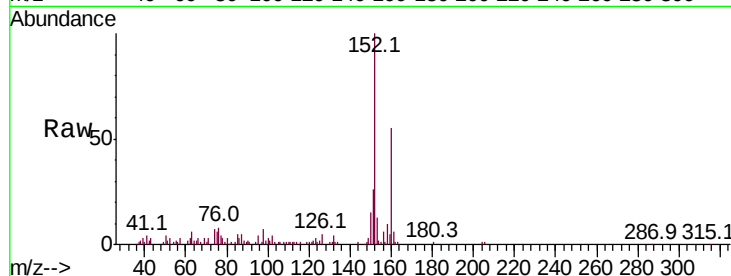
Tot Ion:152 Resp: 54641

Ion Ratio Lower Upper

152 100

151 25.5 15.3 22.9#

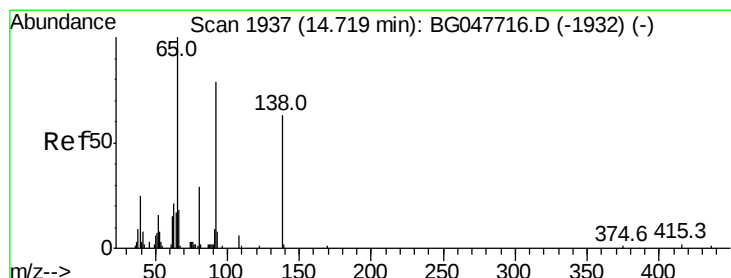
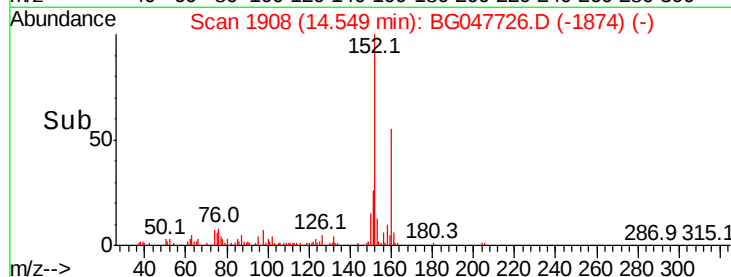
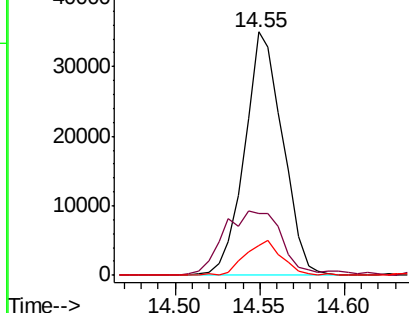
153 12.5 11.7 17.5



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: 3.672 ng/ul

RT: 14.72 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

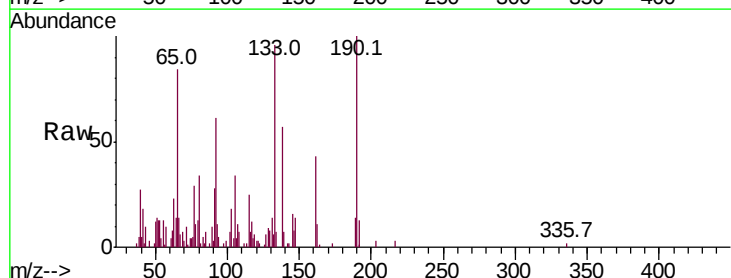
Tgt Ion:138 Resp: 8406

Ion Ratio Lower Upper

138 100

108 11.9 11.9 17.9#

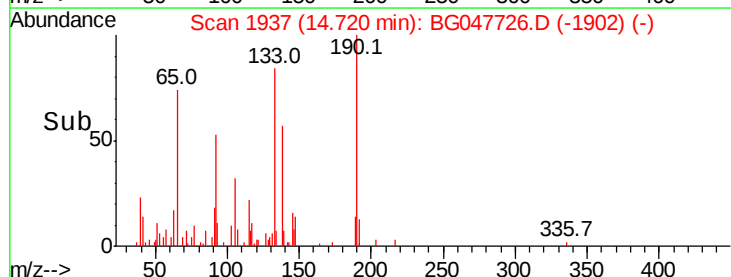
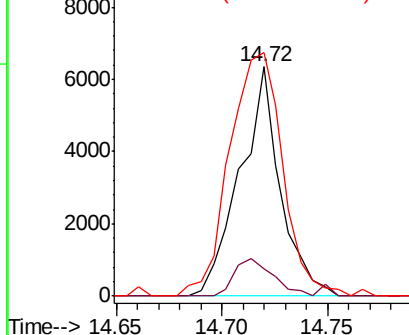
92 106.3 97.7 146.5

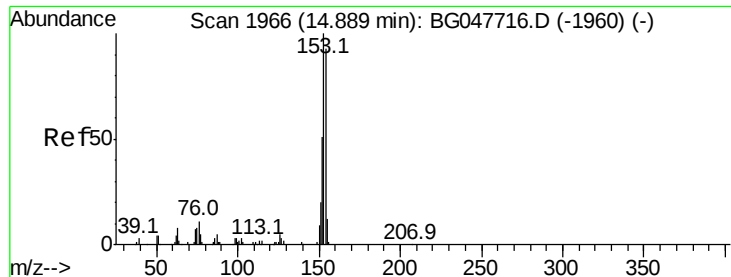


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#52

Acenaphthene

Concen: 3.252 ng/ul

RT: 14.89 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

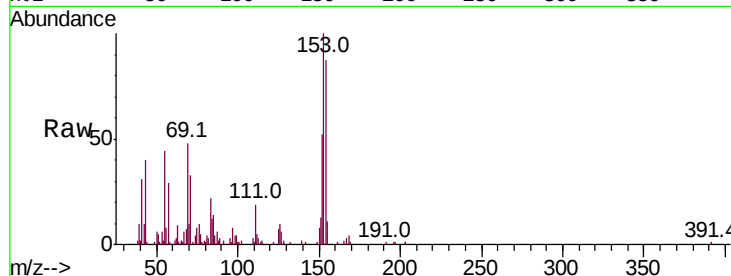
Tot Ion:153 Resp: 36672

Ion Ratio Lower Upper

153 100

152 52.0 34.8 52.2

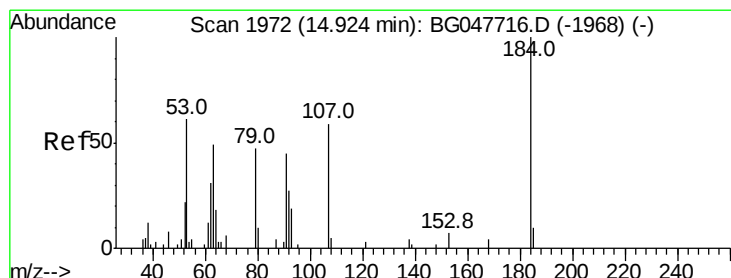
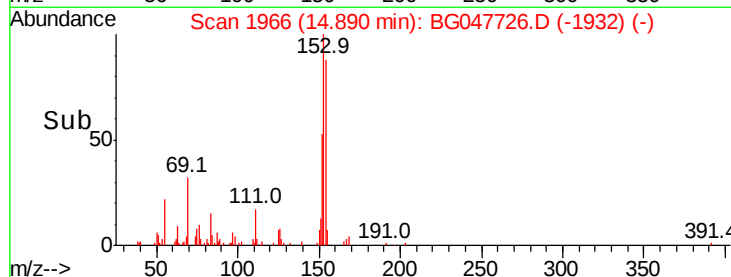
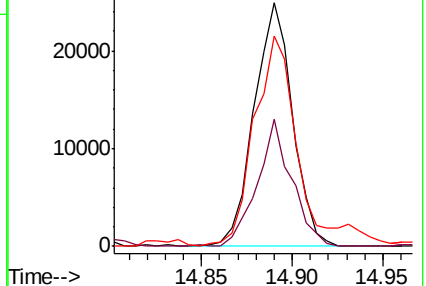
154 86.6 71.2 106.8



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: 2.175 ng/ul

RT: 14.93 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

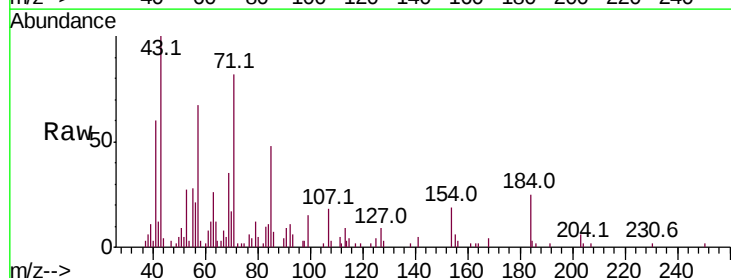
Tgt Ion:184 Resp: 4114

Ion Ratio Lower Upper

184 100

63 102.4 46.5 69.7#

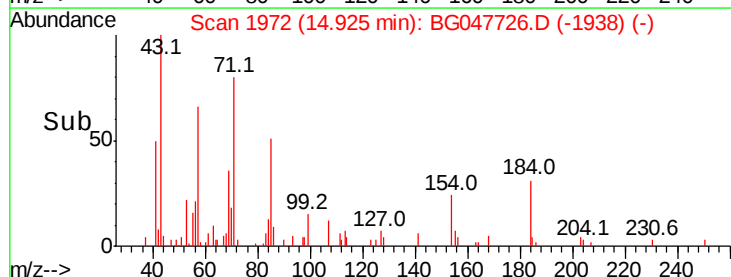
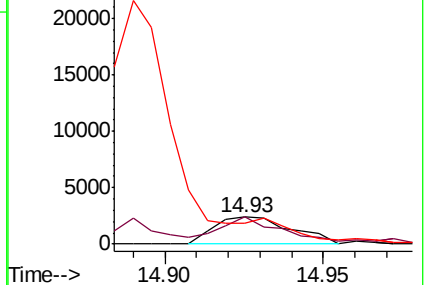
154 77.1 58.4 87.6

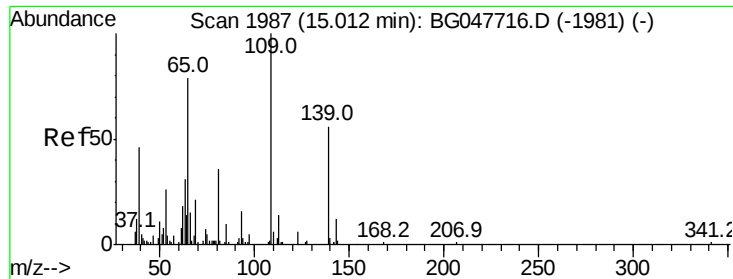


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

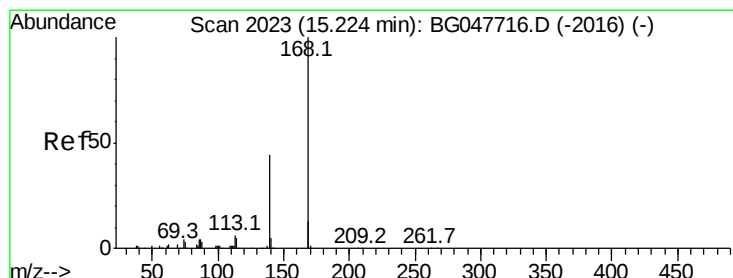
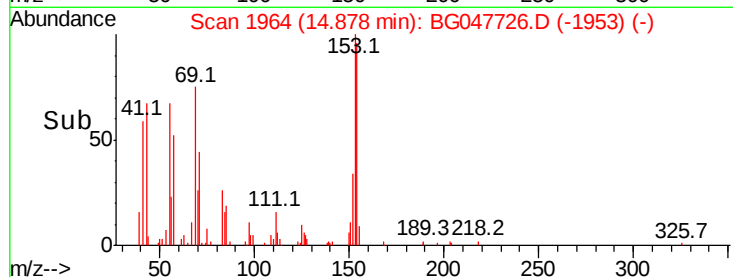
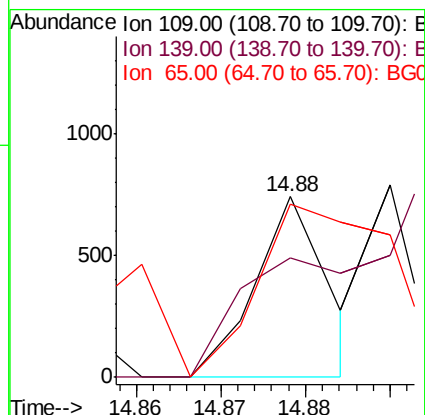
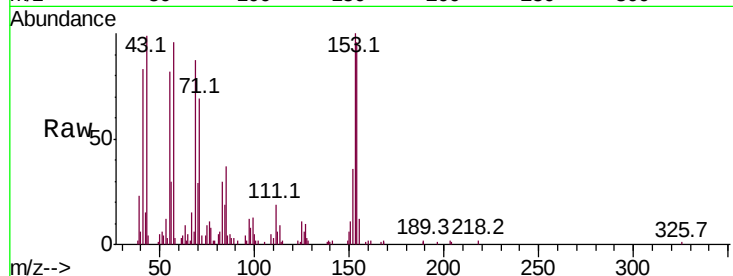




#55
4-Nitrophenol
Concen: 0.115 ng/ul
RT: 14.88 min Scan# 1964
Delta R.T. -0.14 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

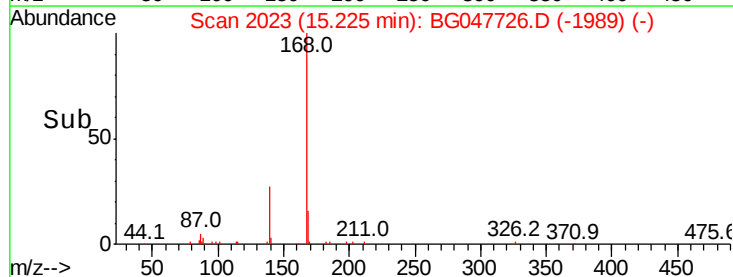
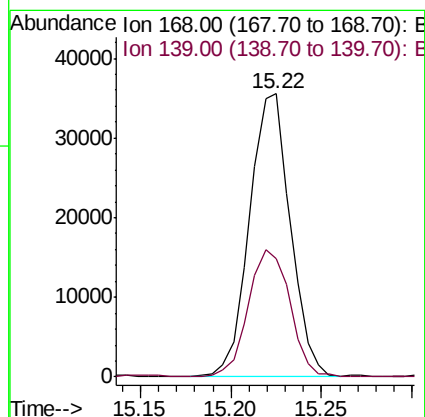
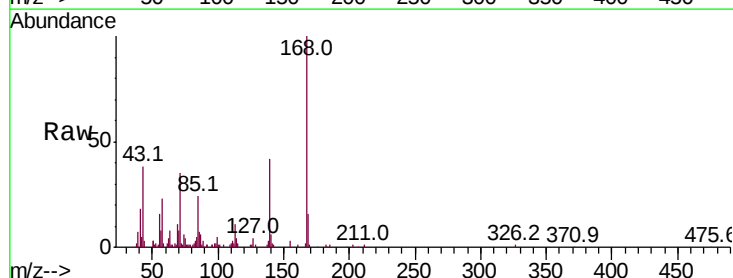
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

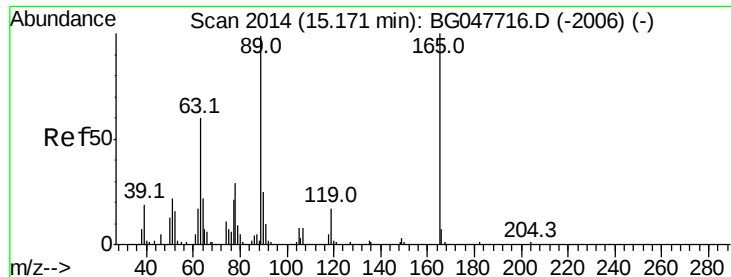
Tot Ion:109 Resp: 439
Ion Ratio Lower Upper
109 100
139 66.2 47.0 70.6
65 95.7 74.7 112.1



#56
Dibenzofuran
Concen: 3.407 ng/ul
RT: 15.22 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

Tgt Ion:168 Resp: 55664
Ion Ratio Lower Upper
168 100
139 42.0 34.0 51.0





#57

2,4-Dinitrotoluene

Concen: 3.190 ng/ul

RT: 15.18 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

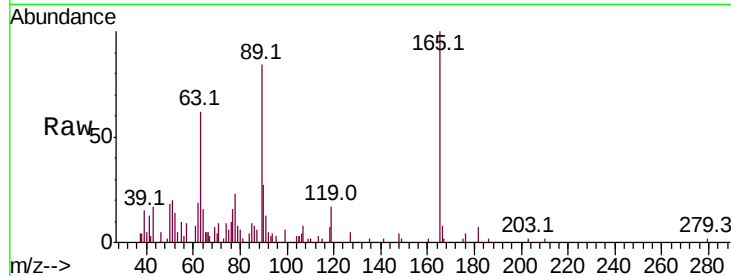
Tot Ion:165 Resp: 14577

Ion Ratio Lower Upper

165 100

63 61.8 54.6 81.8

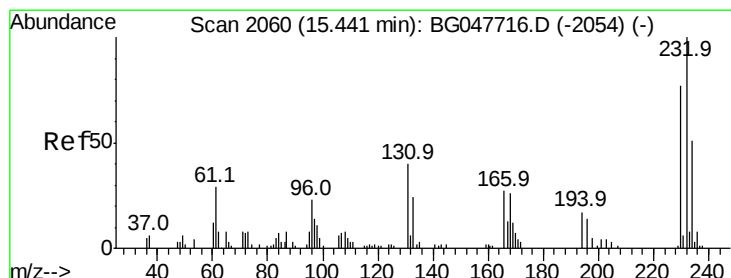
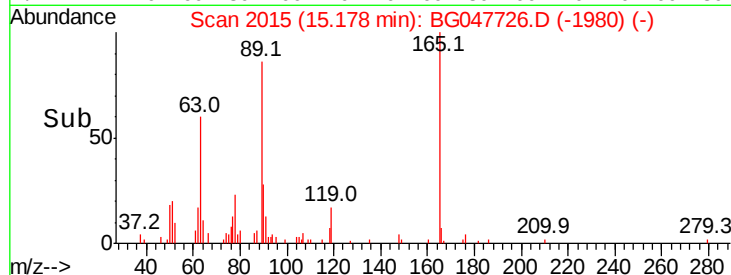
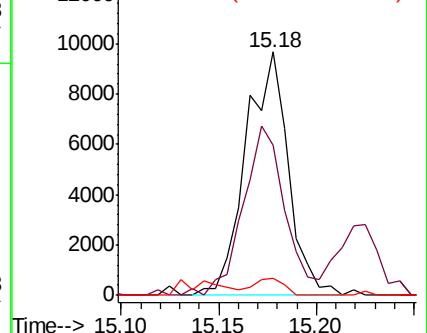
182 7.1 2.6 3.8#



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: 3.006 ng/ul

RT: 15.45 min Scan# 2061

Delta R.T. 0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Tgt Ion:232 Resp: 12995

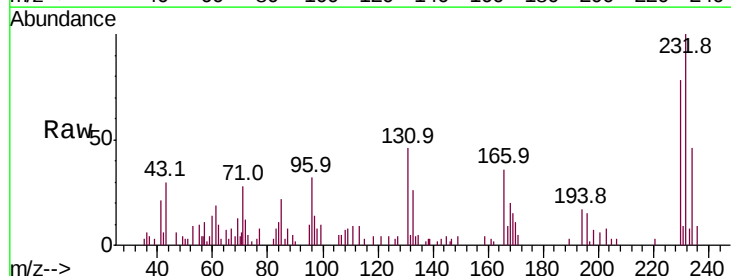
Ion Ratio Lower Upper

232 100

131 46.1 31.9 47.9

130 0.0 3.0 4.6#

166 36.4 17.5 26.3#

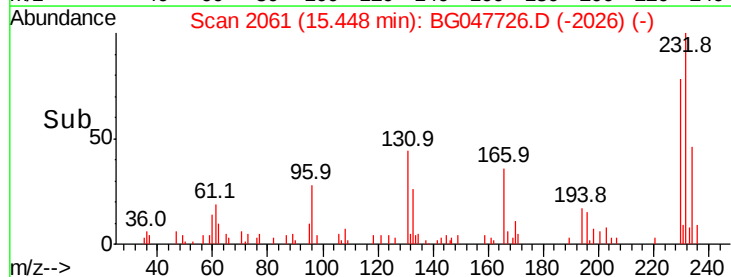
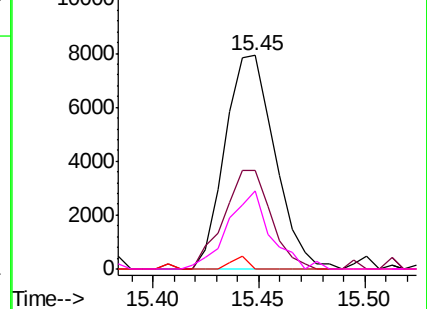


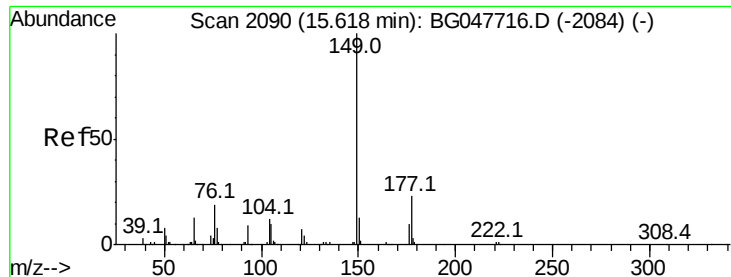
Abundance Ion 232.00 (231.70 to 232.70): E

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

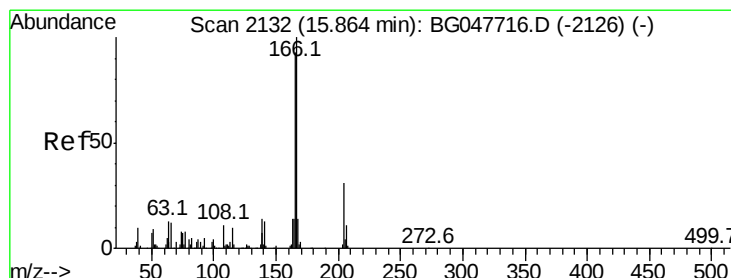
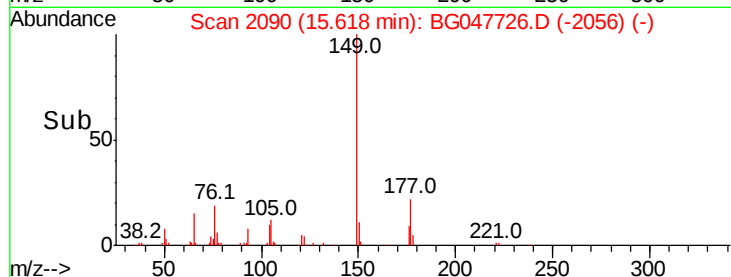
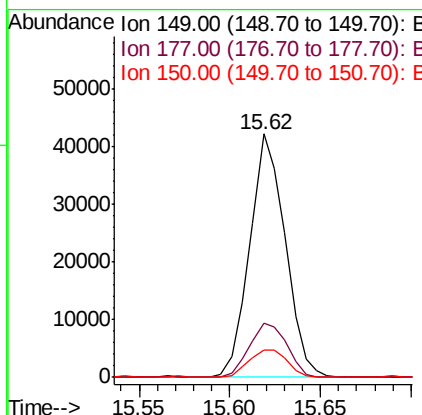
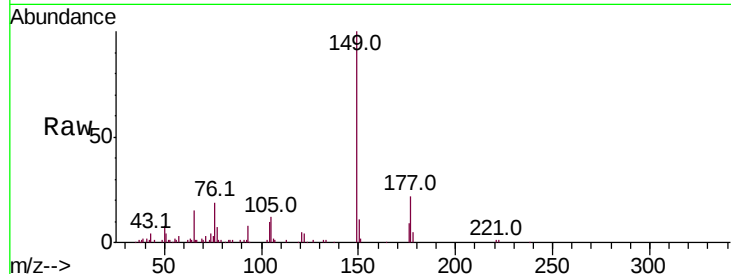




#59
Diethylphthalate
Concen: 3.838 ng/ul
RT: 15.62 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

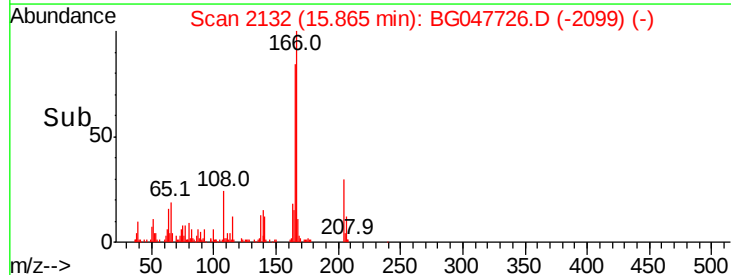
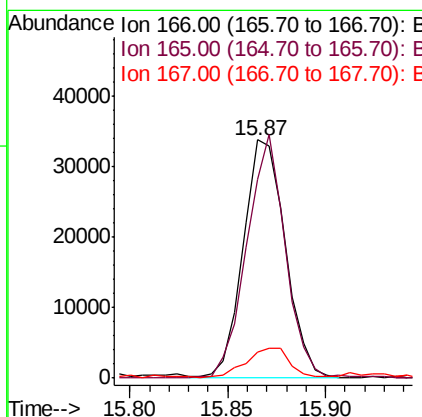
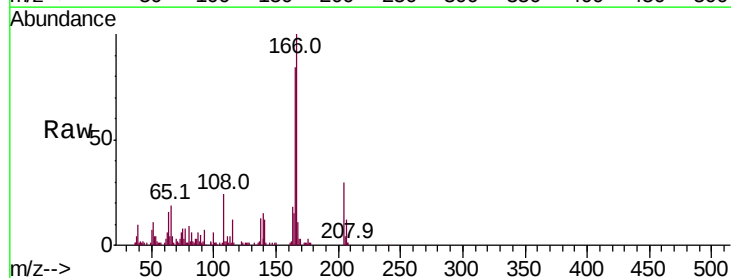
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

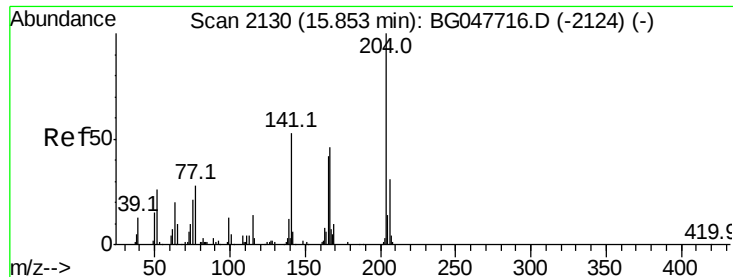
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	20.6	31.0
150	11.2	11.1	16.7



#61
Fluorene
Concen: 3.588 ng/ul
RT: 15.87 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	83.7	75.4	113.2
167	11.1	12.3	18.5#





#62

4-Chlorophenyl-phenylether

Concen: 3.808 ng/ul

RT: 15.85 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

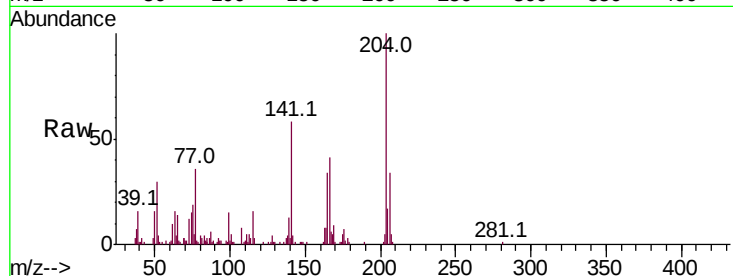
Tot Ion:204 Resp: 33440

Ion Ratio Lower Upper

204 100

206 34.1 26.2 39.2

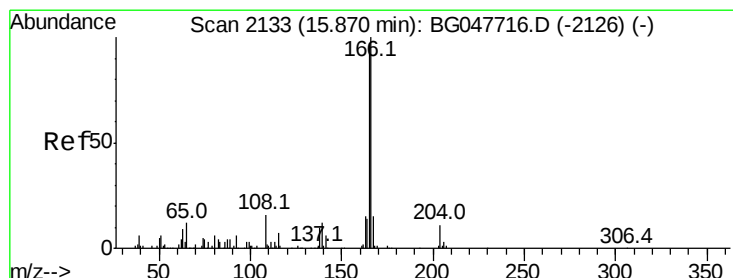
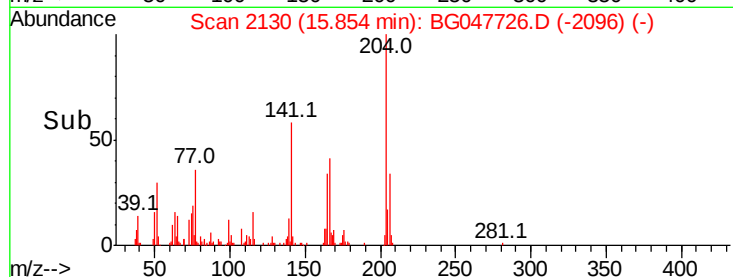
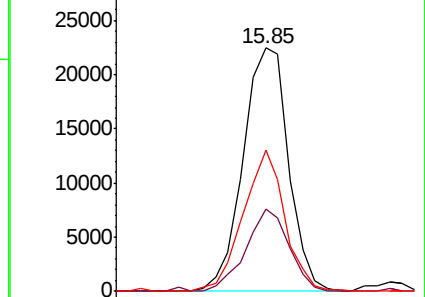
141 58.0 40.9 61.3



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: 4.086 ng/ul

RT: 15.87 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

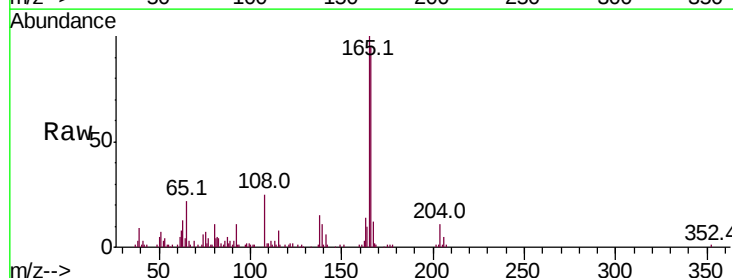
Tgt Ion:138 Resp: 8793

Ion Ratio Lower Upper

138 100

92 73.3 31.9 47.9#

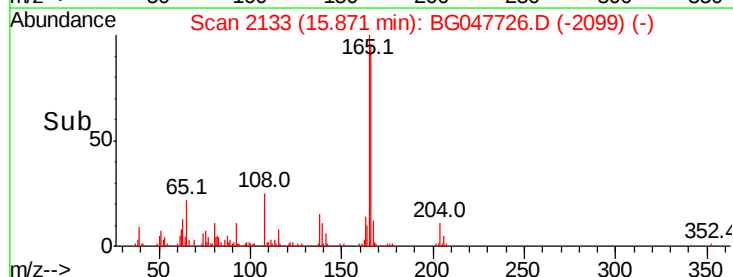
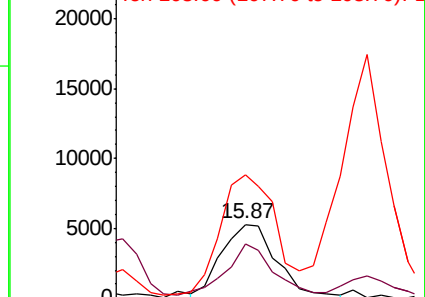
108 166.1 109.1 163.7#

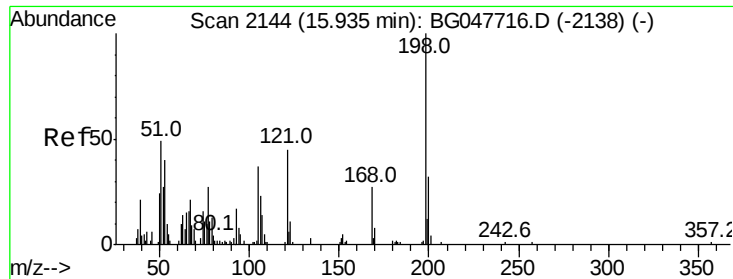


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

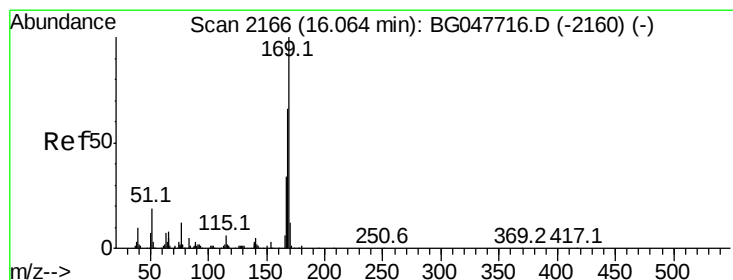
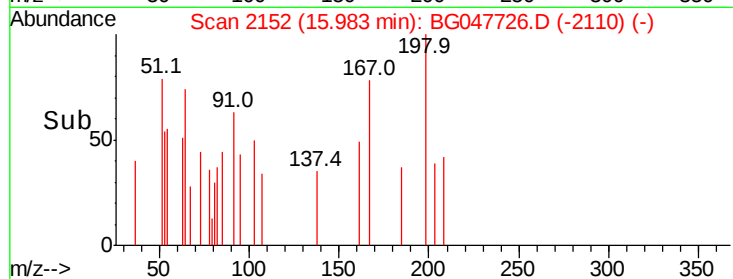
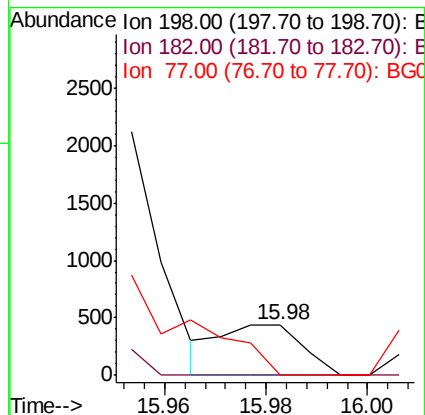
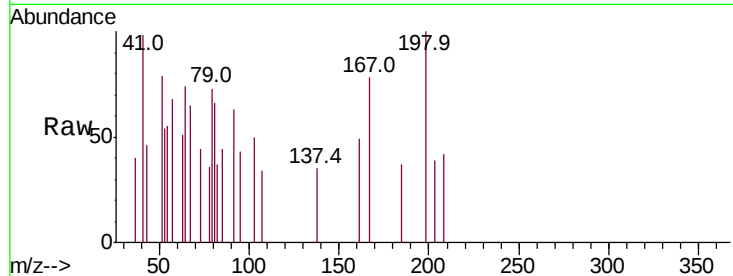




#66
4,6-Dinitro-2-methylphenol
Concen: 0.094 ng/ul
RT: 15.98 min Scan# 2152
Delta R.T. 0.05 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

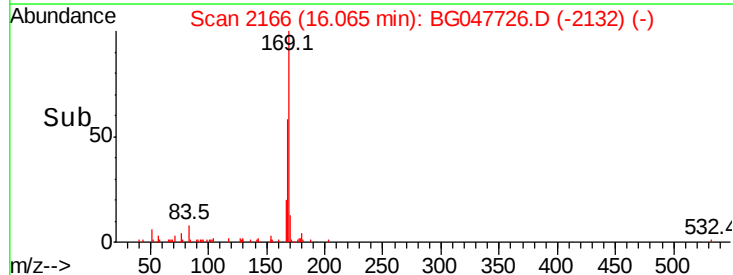
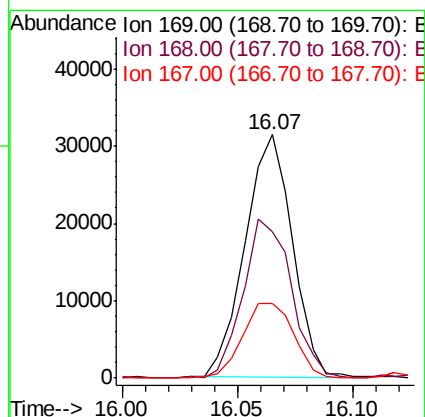
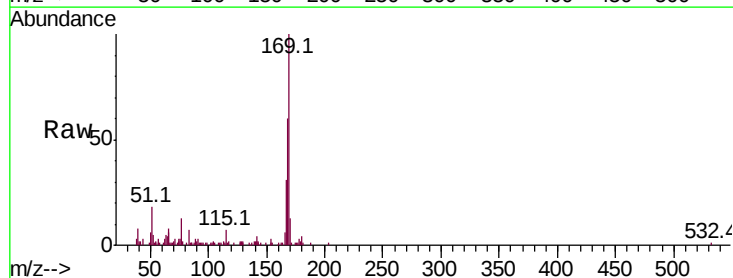
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

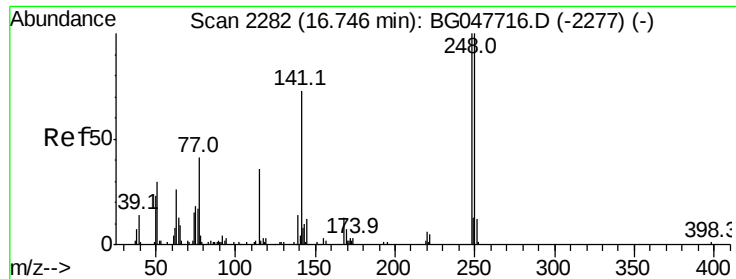
Tot Ion:198 Resp: 498
Ion Ratio Lower Upper
198 100
182 0.0 2.9 4.3#
77 0.0 26.1 39.1#



#67
N-Nitrosodiphenylamine
Concen: 2.100 ng/ul
RT: 16.07 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

Tgt Ion:169 Resp: 44787
Ion Ratio Lower Upper
169 100
168 60.1 53.8 80.8
167 30.9 29.8 44.8

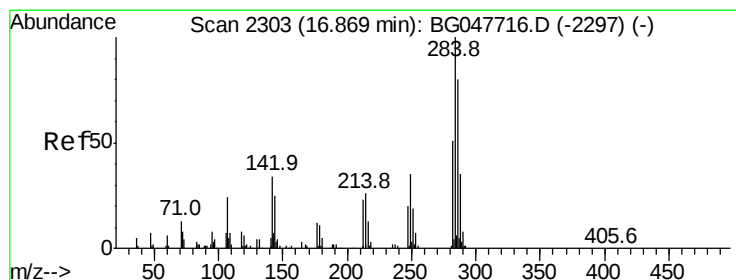
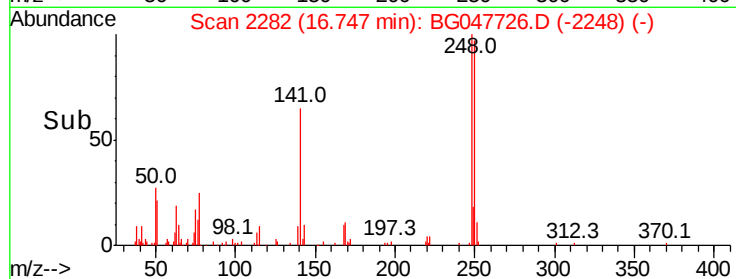
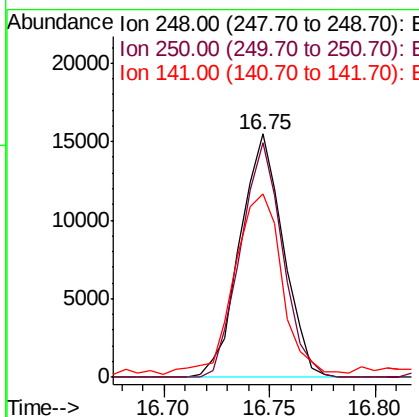
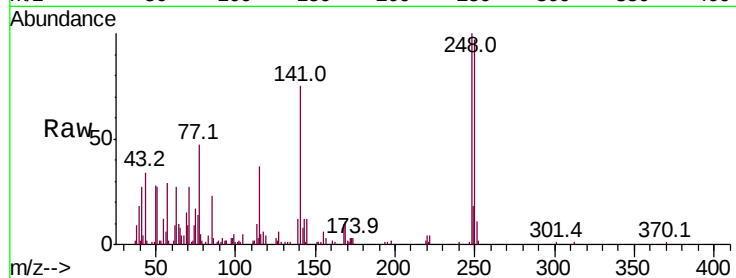




#68
4-Bromophenyl-phenylether
Concen: 2.241 ng/ul
RT: 16.75 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

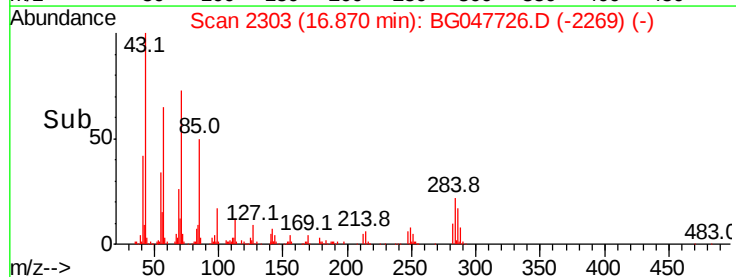
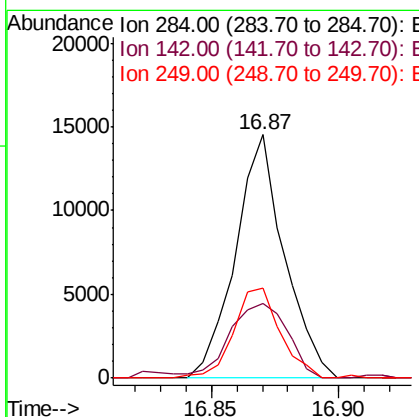
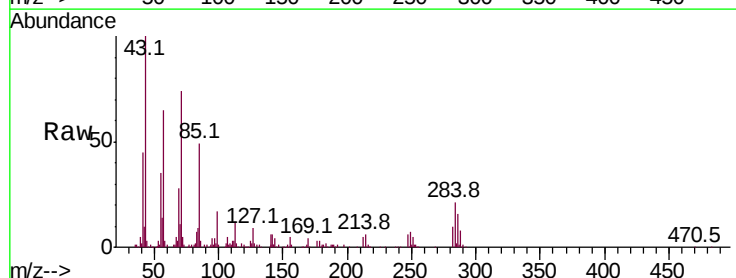
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

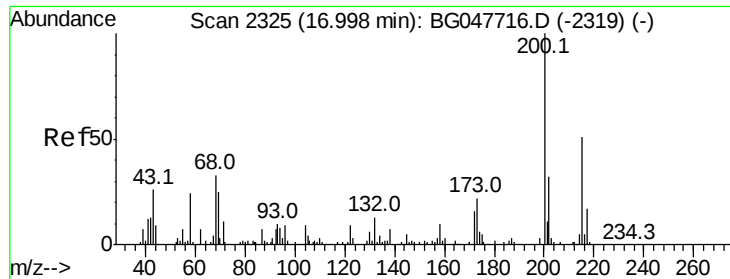
Tot Ion:248 Resp: 22054
Ion Ratio Lower Upper
248 100
250 96.6 77.2 115.8
141 75.5 61.8 92.6



#69
Hexachlorobenzene
Concen: 1.804 ng/ul
RT: 16.87 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

Tgt Ion:284 Resp: 19487
Ion Ratio Lower Upper
284 100
142 28.3 29.3 43.9#
249 34.1 31.7 47.5





#70

Atrazine

Concen: 0.006 ng/ul

RT: 17.09 min Scan# 2340

Delta R.T. 0.09 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

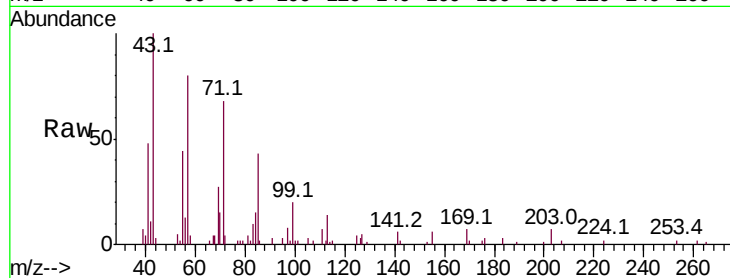
Tot Ion:200 Resp: 57

Ion Ratio Lower Upper

200 100

173 0.0 14.9 22.3#

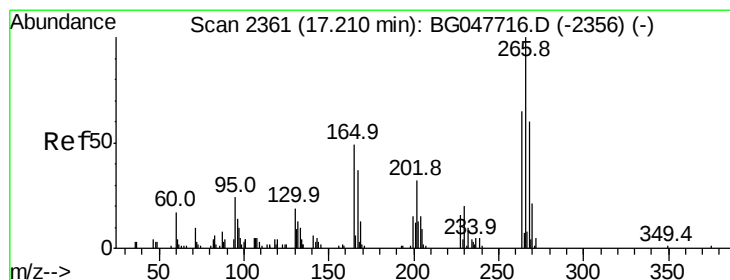
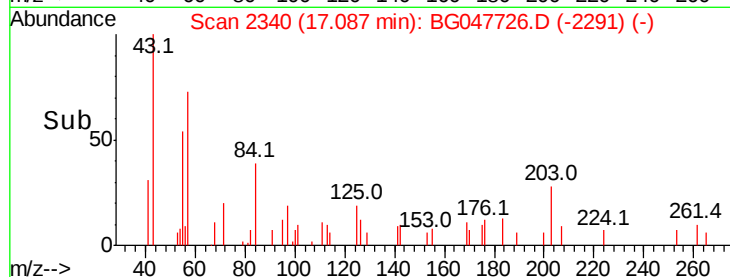
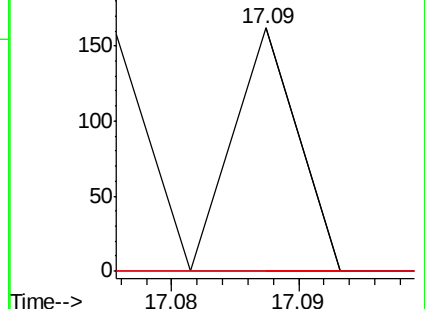
215 0.0 42.5 63.7#



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: 0.032 ng/ul

RT: 17.29 min Scan# 2375

Delta R.T. 0.09 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

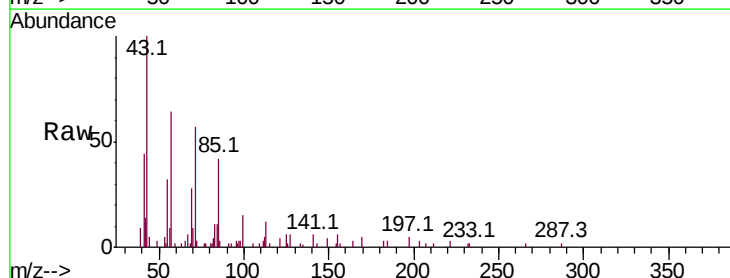
Tgt Ion:266 Resp: 162

Ion Ratio Lower Upper

266 100

264 0.0 56.8 85.2#

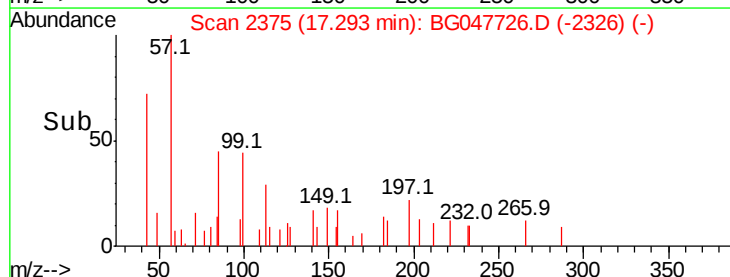
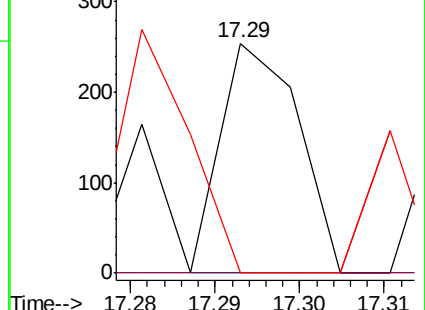
268 0.0 56.8 85.2#

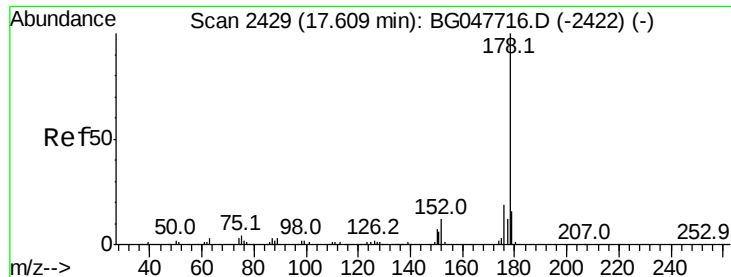


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 1.963 ng/ul

RT: 17.70 min Scan# 2444

Delta R.T. 0.09 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

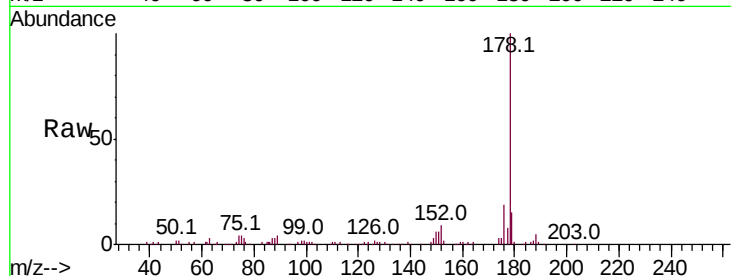
Tot Ion:178 Resp: 81676

Ion Ratio Lower Upper

178 100

179 15.5 13.5 20.3

176 18.7 15.3 22.9

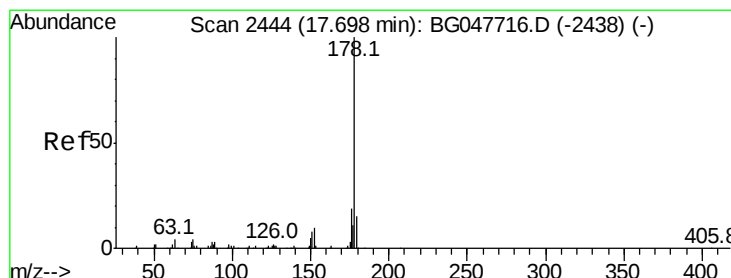
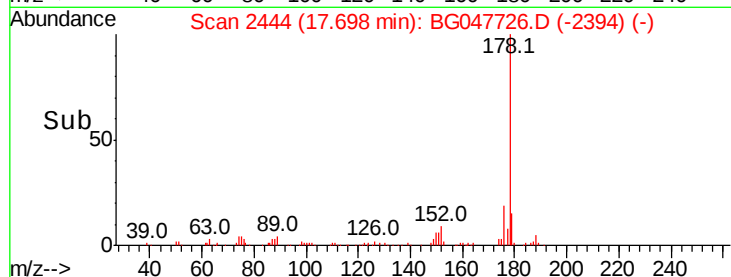
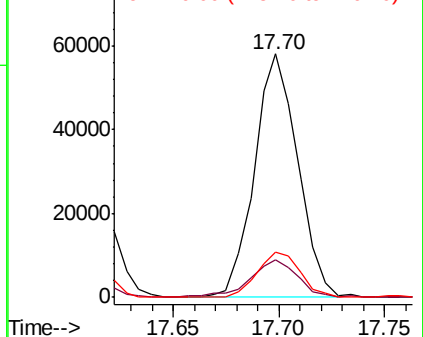


Abundance

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: 1.965 ng/ul

RT: 17.70 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

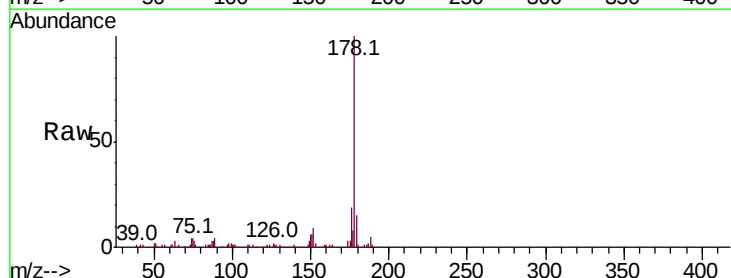
Tgt Ion:178 Resp: 81676

Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 18.7 15.4 23.2

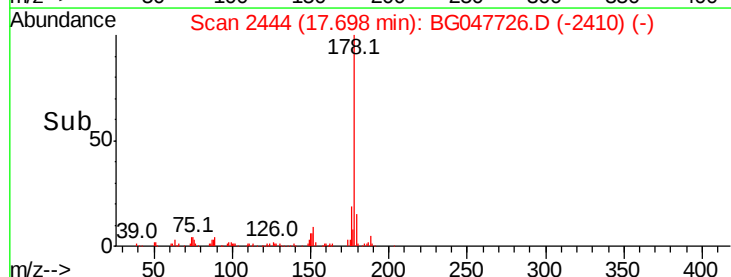
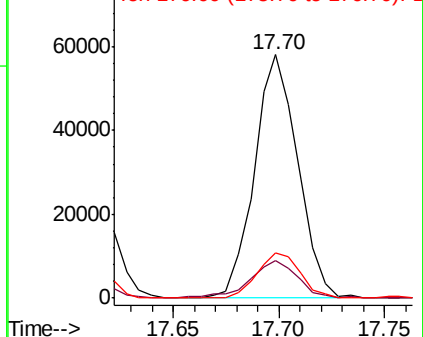


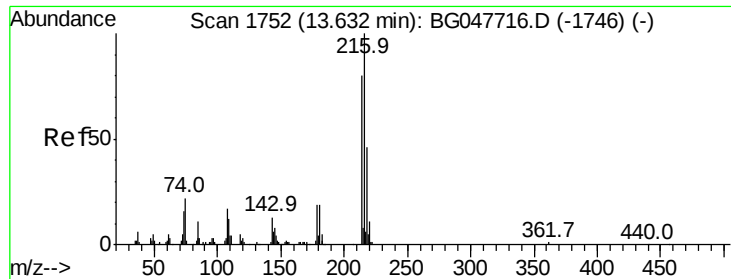
Abundance

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: 1.639 ng/uL

RT: 13.63 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

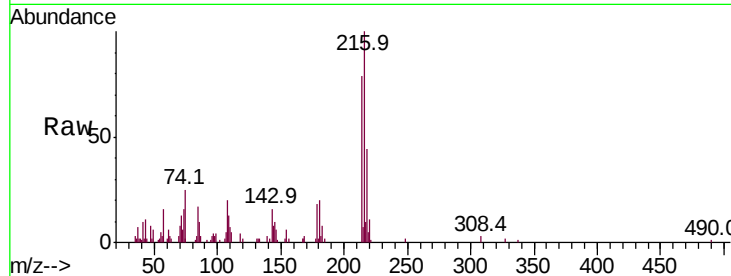
Tot Ion:216 Resp: 20354

Ion Ratio Lower Upper

216 100

214 79.3 58.6 87.8

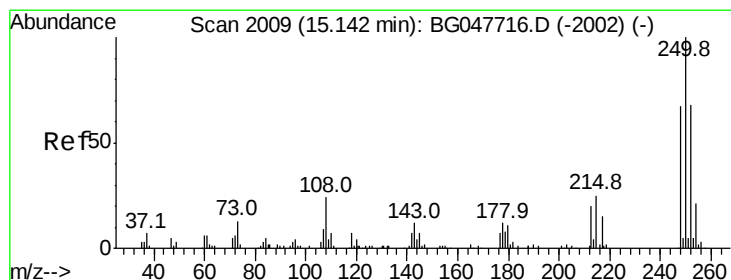
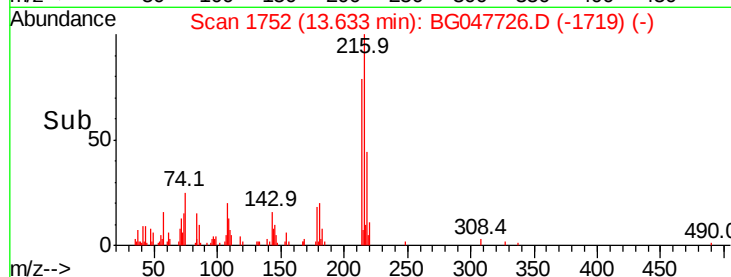
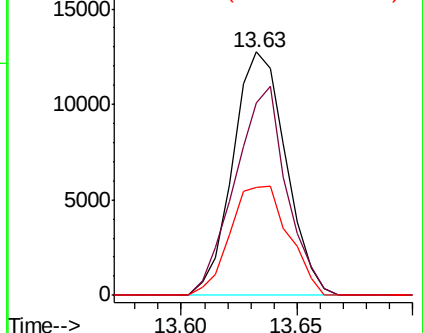
218 44.4 40.1 60.1



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: 1.695 ng/uL

RT: 15.14 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

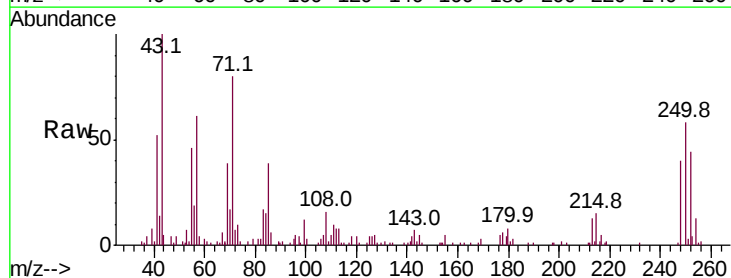
Tgt Ion:250 Resp: 20545

Ion Ratio Lower Upper

250 100

248 69.2 49.4 74.0

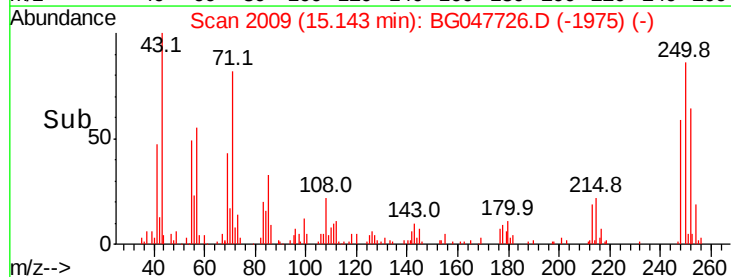
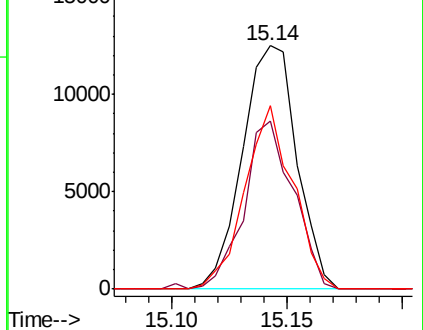
252 81.4 52.7 79.1#

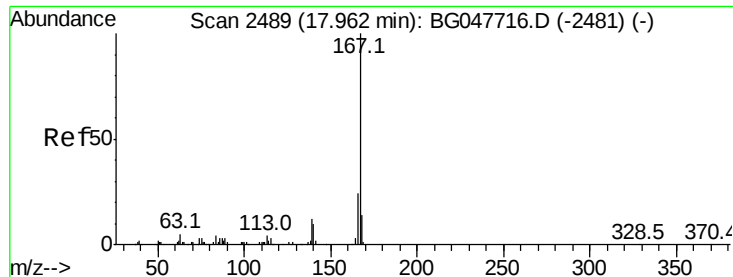


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 2.086 ng/ul

RT: 17.96 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

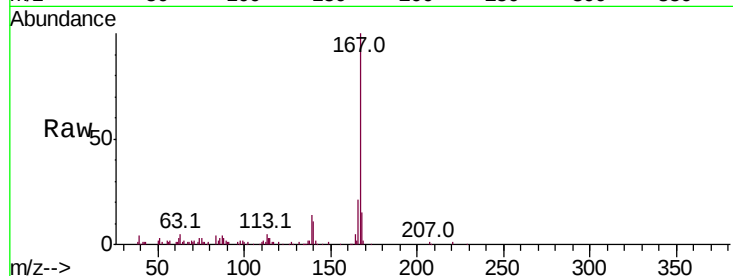
Tot Ion:167 Resp: 70699

Ion Ratio Lower Upper

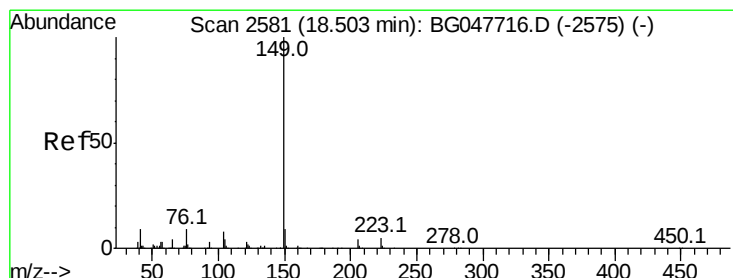
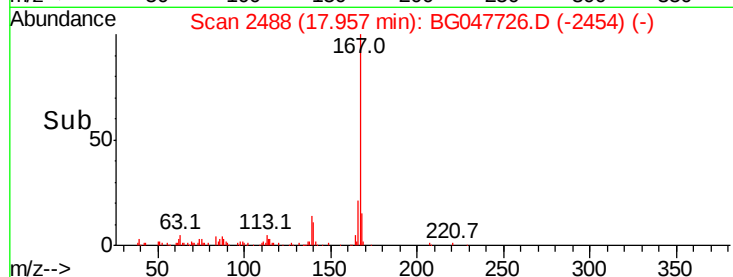
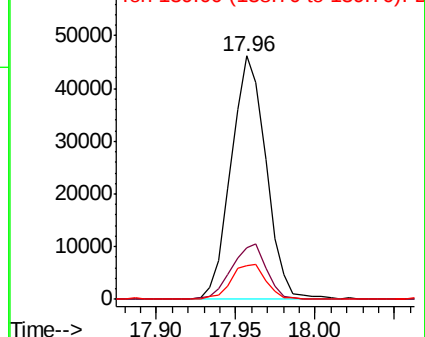
167 100

166 21.2 17.6 26.4

139 13.7 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: 1.987 ng/ul

RT: 18.50 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

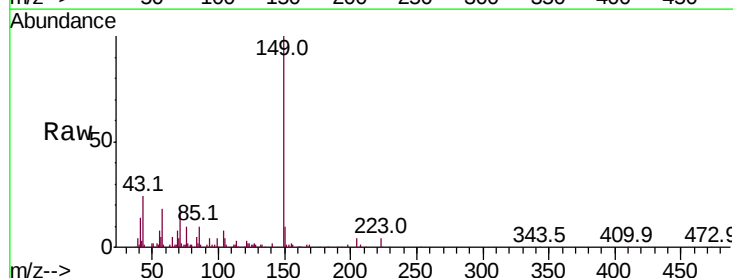
Tgt Ion:149 Resp: 82610

Ion Ratio Lower Upper

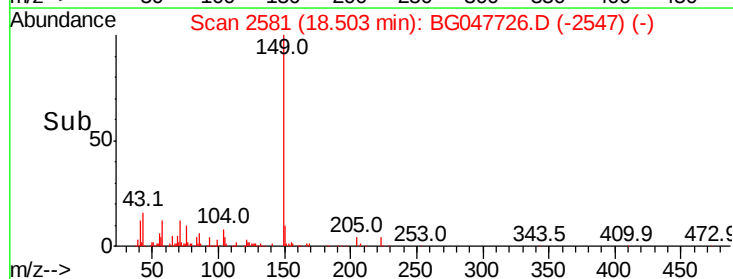
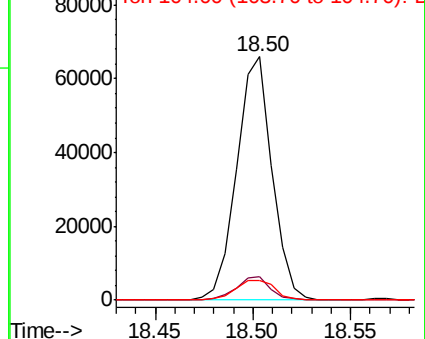
149 100

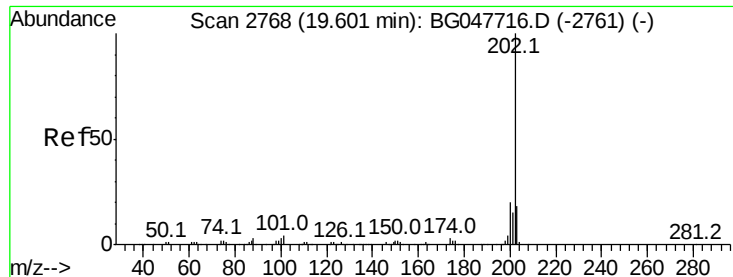
150 9.6 7.3 10.9

104 7.9 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: 2.927 ng/ul

RT: 19.60 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

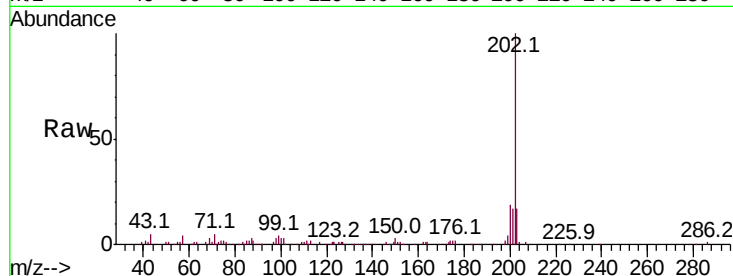
Tot Ion:202 Resp: 104437

Ion Ratio Lower Upper

202 100

101 2.7 2.8 4.2#

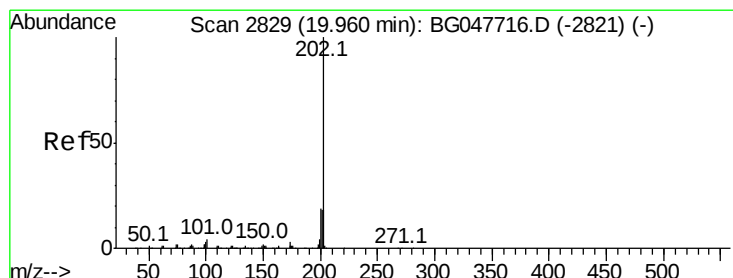
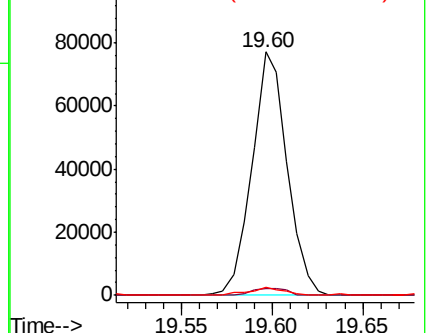
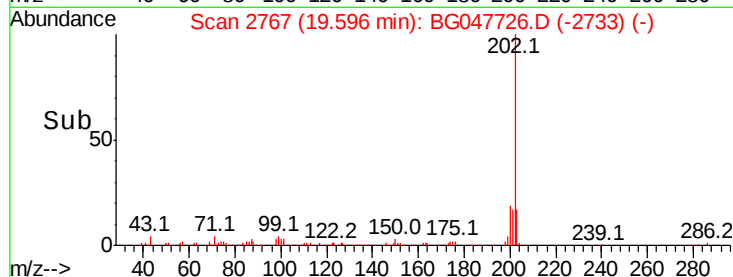
100 3.1 2.3 3.5



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: 2.799 ng/ul

RT: 19.96 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

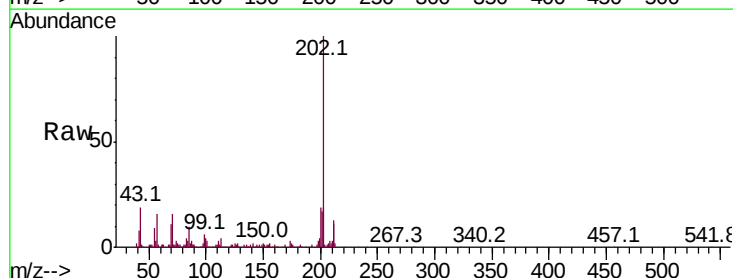
Tgt Ion:202 Resp: 98599

Ion Ratio Lower Upper

202 100

101 3.2 3.8 5.6#

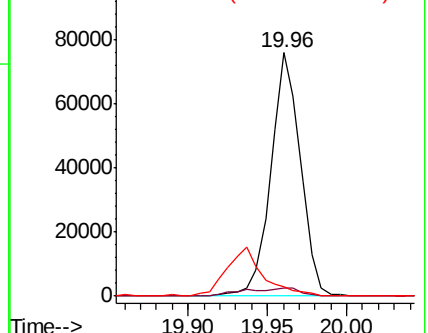
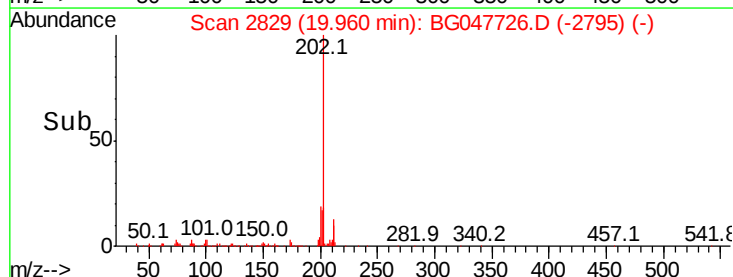
100 3.8 3.0 4.6

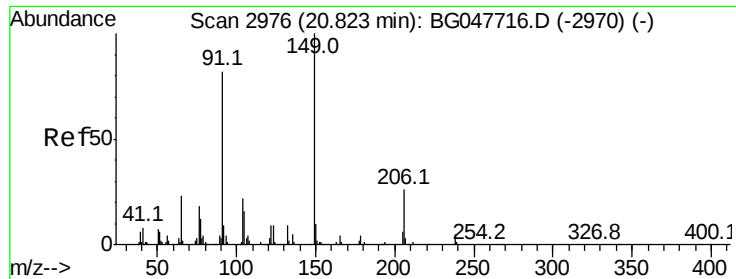


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

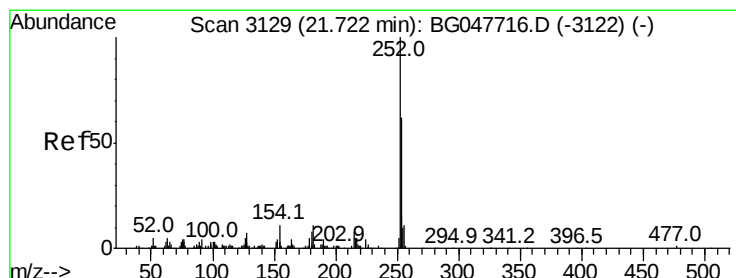
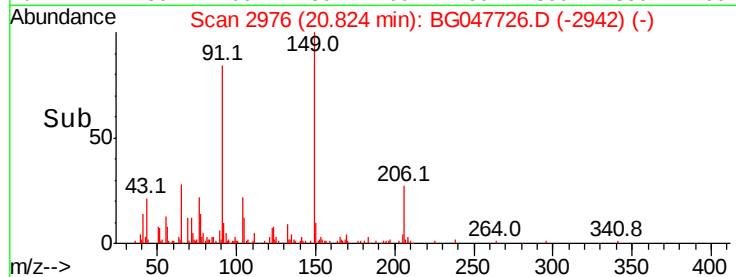
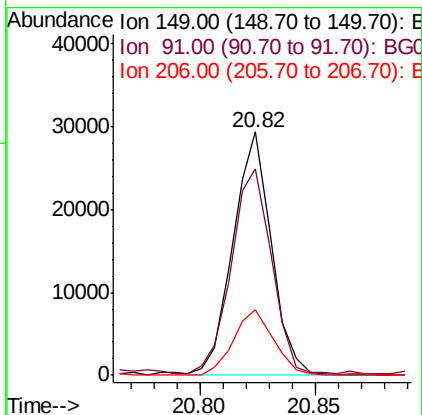
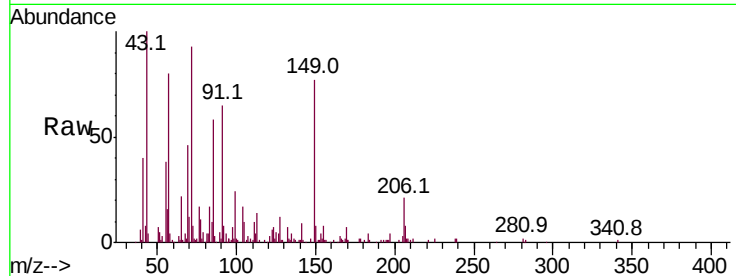




#83
Butylbenzylphthalate
Concen: 2.770 ng/ul
RT: 20.82 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

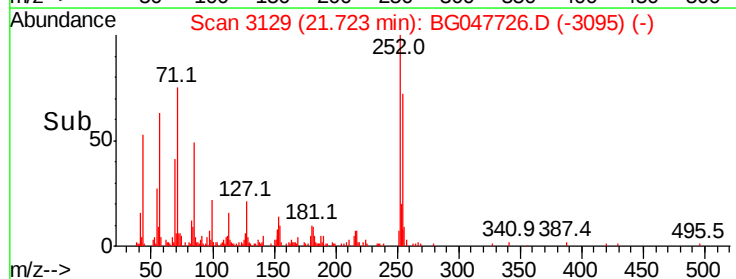
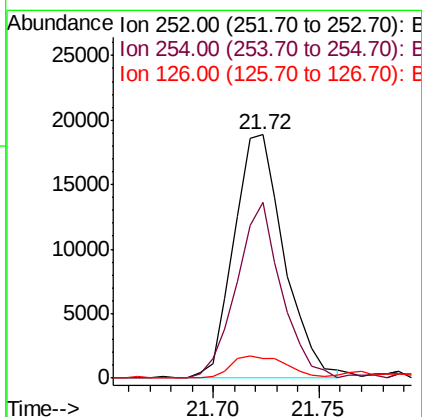
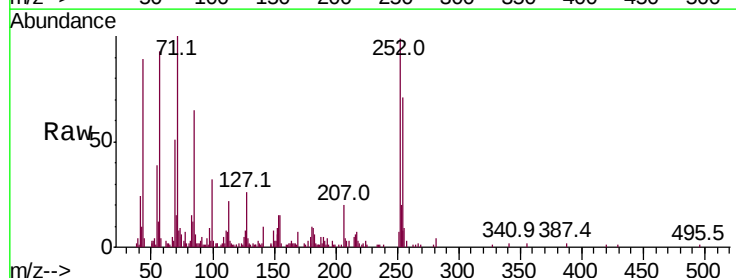
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

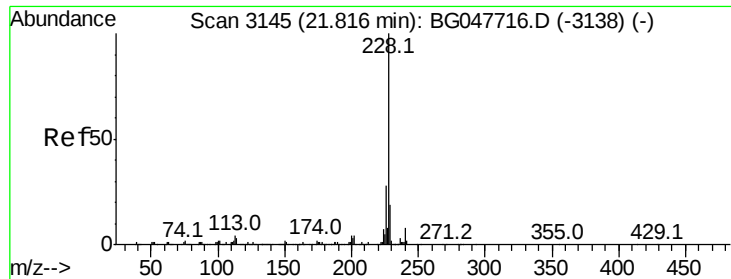
Tot Ion	Ratio	Lower	Upper
149	100		
91	84.7	64.6	97.0
206	26.9	20.3	30.5



#84
3,3'-Dichlorobenzidine
Concen: 2.420 ng/ul
RT: 21.72 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG047726.D
Acq: 11 Dec 2020 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	72.1	46.9	70.3#
126	8.0	3.8	5.8#

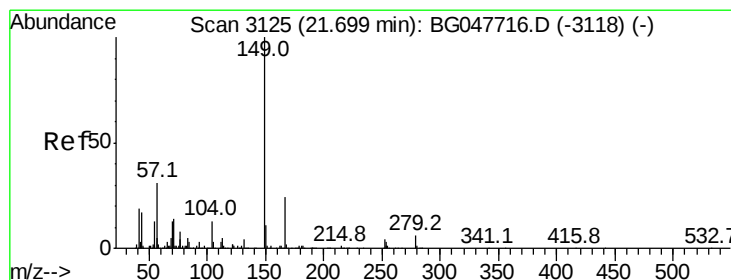
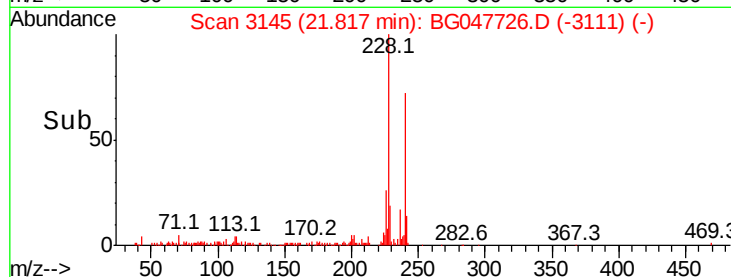
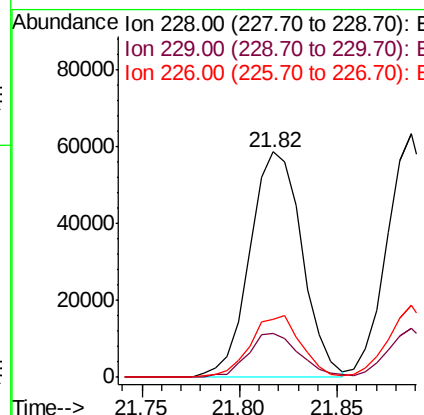
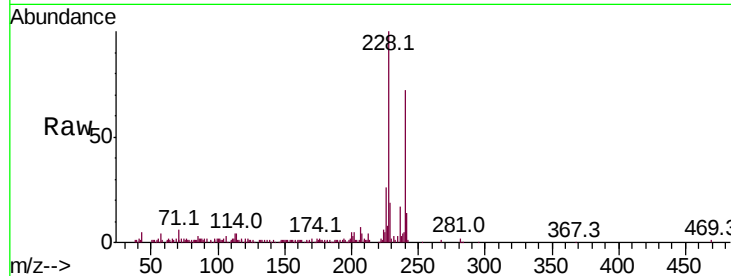




#85
 Benzo(a)anthracene
 Concen: 2.948 ng/ul
 RT: 21.82 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: BG047726.D
 Acq: 11 Dec 2020 23:11

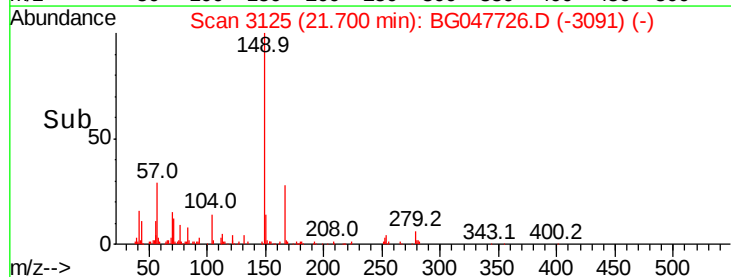
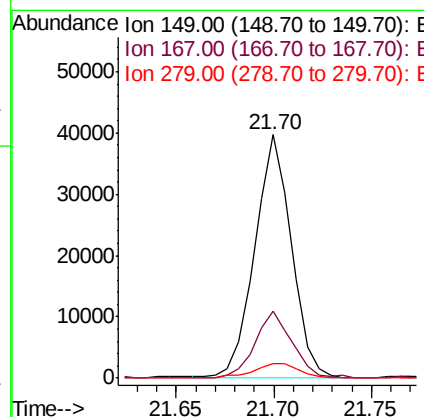
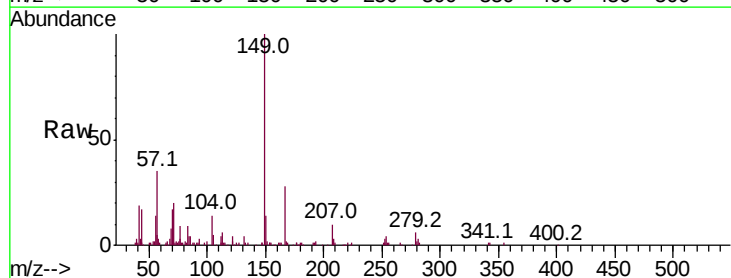
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

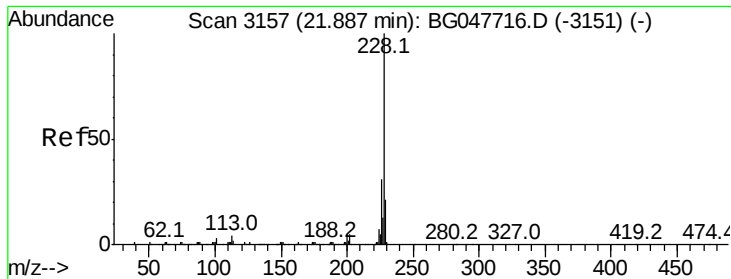
Tot Ion:228 Resp: 108327
 Ion Ratio Lower Upper
 228 100
 229 19.3 16.2 24.4
 226 25.8 20.4 30.6



#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.052 ng/ul
 RT: 21.70 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG047726.D
 Acq: 11 Dec 2020 23:11

Tgt Ion:149 Resp: 51704
 Ion Ratio Lower Upper
 149 100
 167 27.7 25.1 37.7
 279 6.1 5.2 7.8





#87

Chrysene

Concen: 2.920 ng/ul

RT: 21.89 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

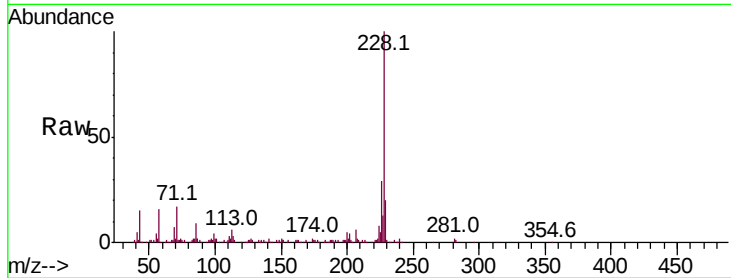
Tot Ion:228 Resp: 101833

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.6

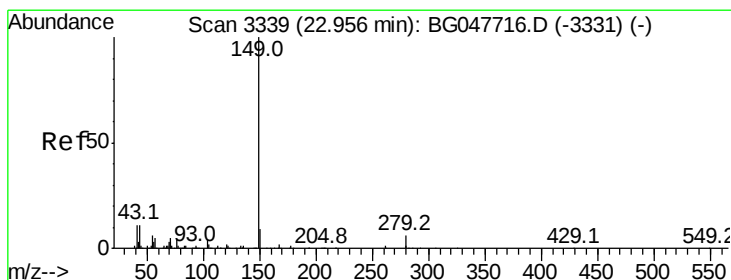
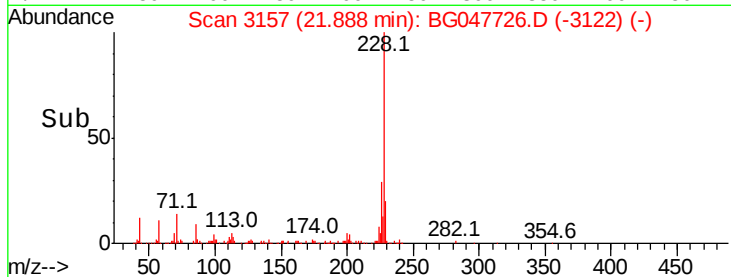
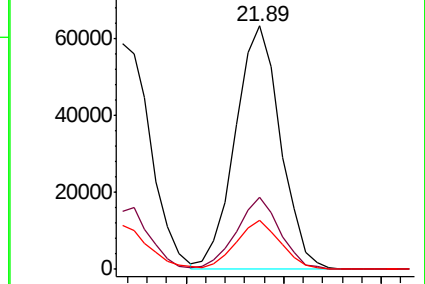
229 20.2 16.2 24.2



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: 2.909 ng/ul

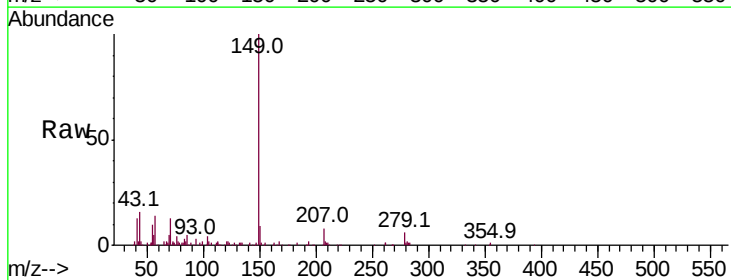
RT: 22.96 min Scan# 3339

Delta R.T. -0.00 min

Lab File: BG047726.D

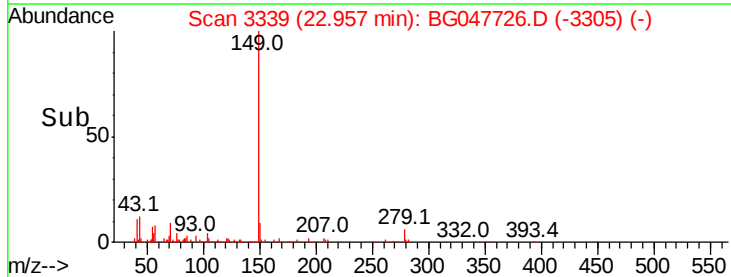
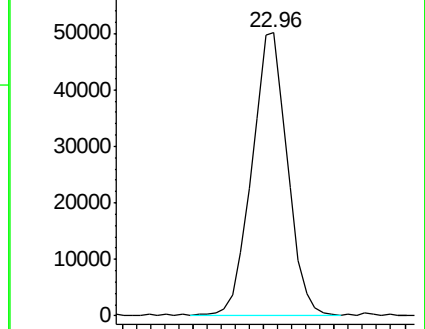
Acq: 11 Dec 2020 23:11

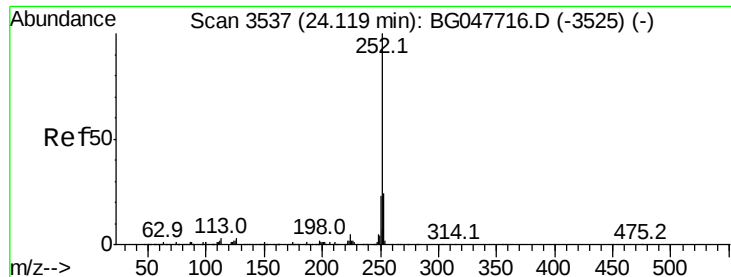
Tgt Ion:149 Resp: 87873



Abundance Ion 149.00 (148.70 to 149.70): E

22.96





#90

Benzo(b)fluoranthene

Concen: 2.709 ng/uL

RT: 24.12 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

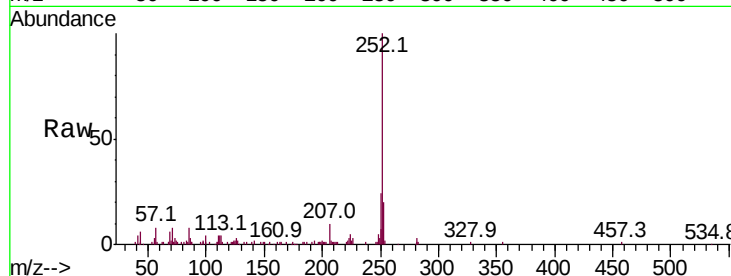
BNA_G

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:252 Resp: 108717

Ion	Ratio	Lower	Upper
252	100		
253	19.9	16.6	24.8
125	2.4	1.8	2.8

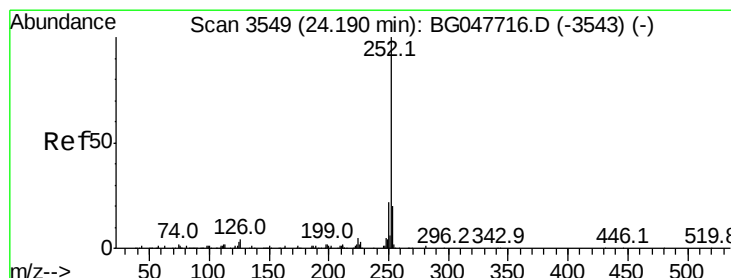
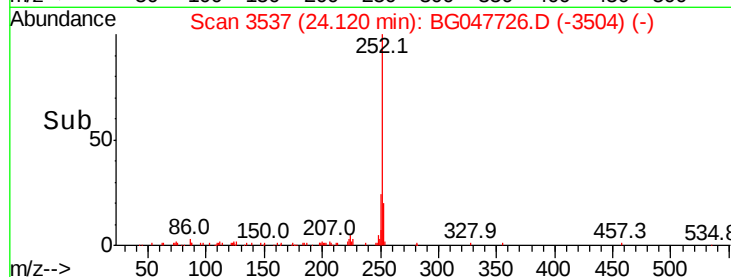
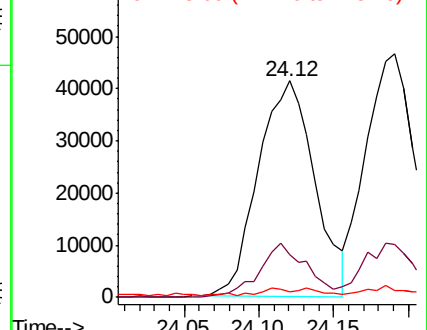


Abundance

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: 2.749 ng/uL

RT: 24.19 min Scan# 3549

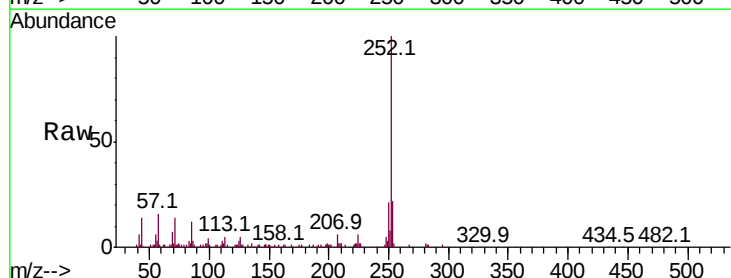
Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Tgt Ion:252 Resp: 108980

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	2.7	2.2	3.2

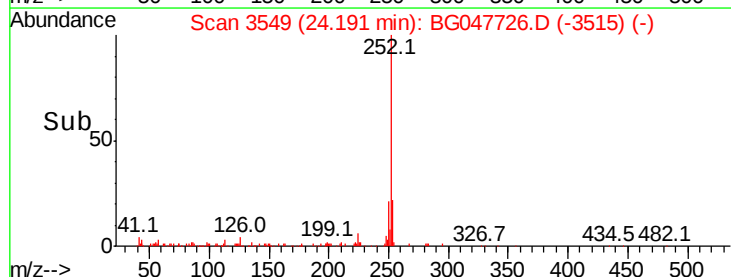
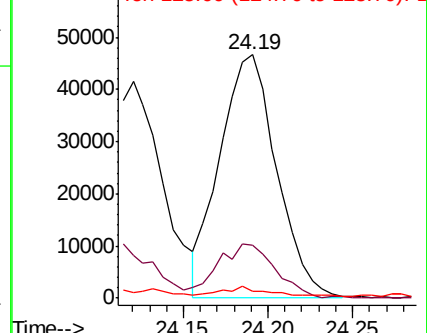


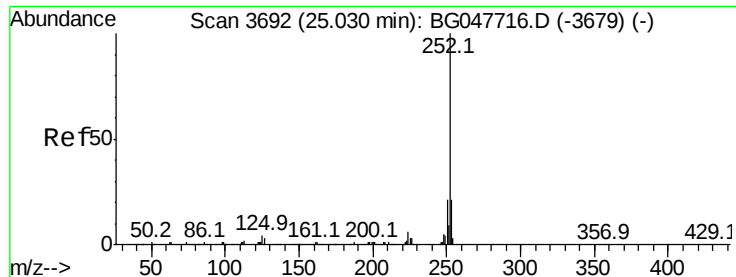
Abundance

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: 2.805 ng/ul

RT: 25.04 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

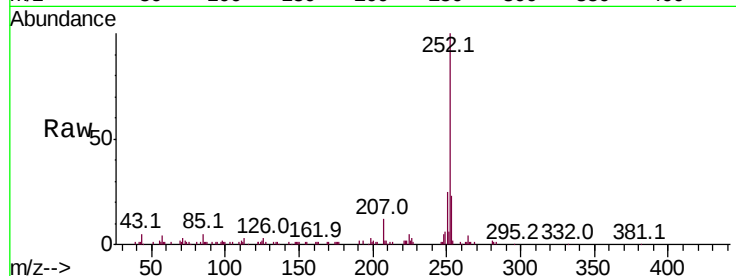
Tot Ion:252 Resp: 99271

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

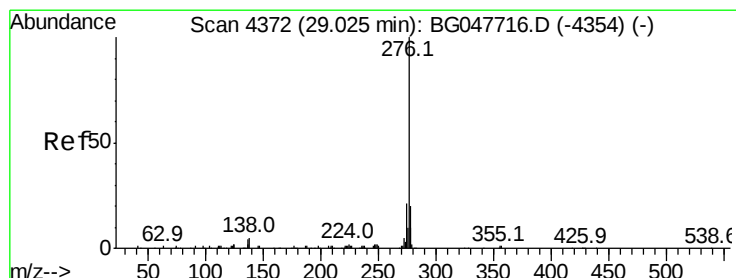
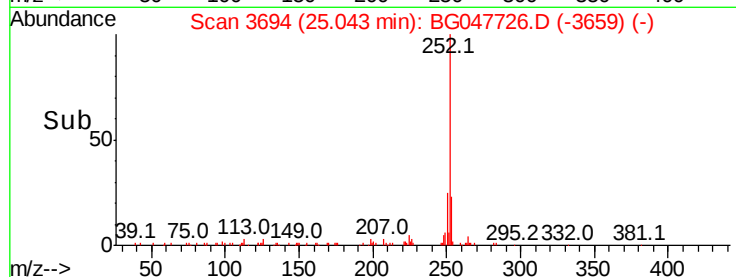
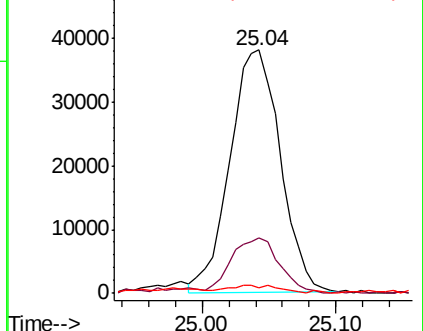
125 2.4 2.6 4.0#



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: 2.435 ng/ul

RT: 29.03 min Scan# 4373

Delta R.T. 0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

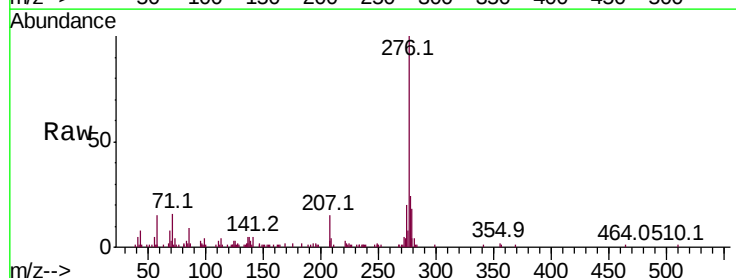
Tgt Ion:276 Resp: 106640

Ion Ratio Lower Upper

276 100

138 4.8 5.1 7.7#

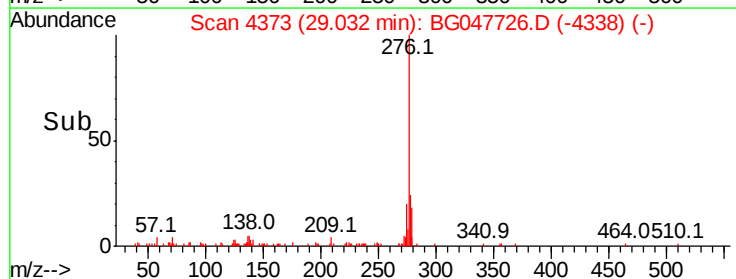
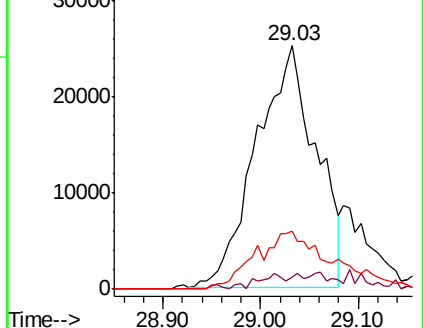
277 23.7 18.4 27.6

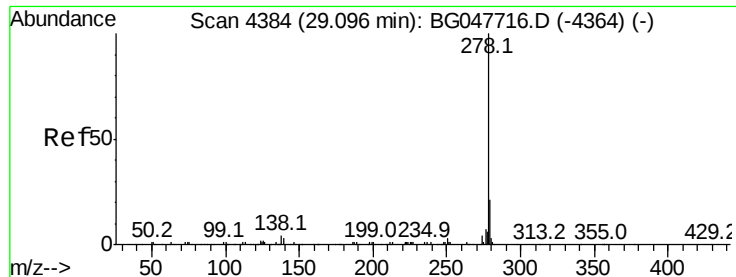


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 3.031 ng/ul

RT: 29.10 min Scan# 4384

Delta R.T. -0.00 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

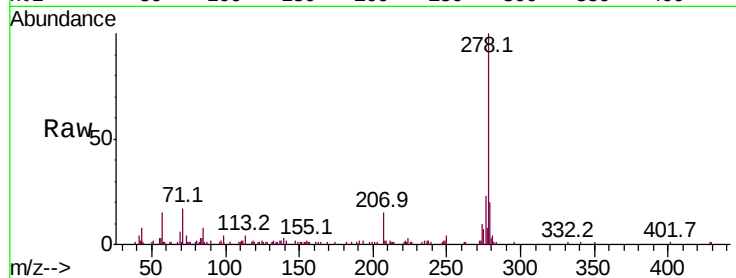
Tot Ion:278 Resp: 110242

Ion Ratio Lower Upper

278 100

139 3.2 3.5 5.3#

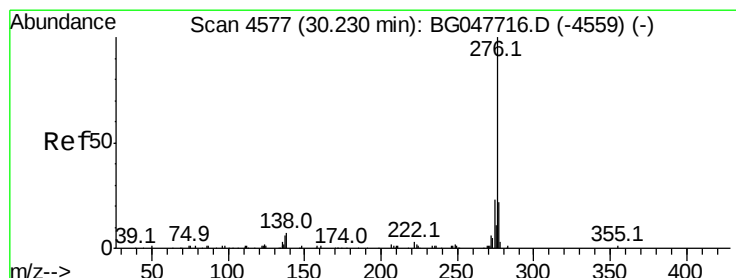
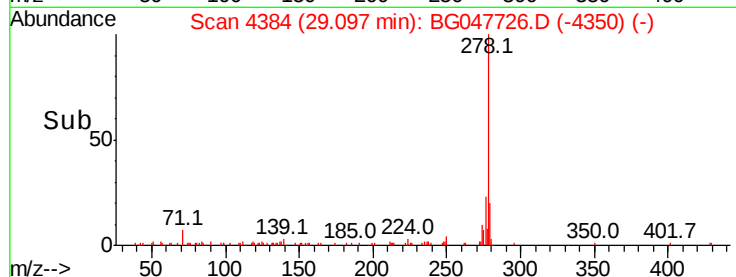
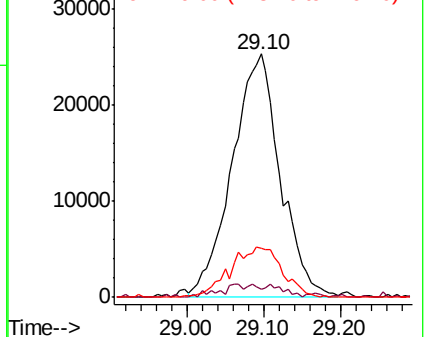
279 20.0 18.6 28.0



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: 1.877 ng/ul

RT: 30.22 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG047726.D

Acq: 11 Dec 2020 23:11

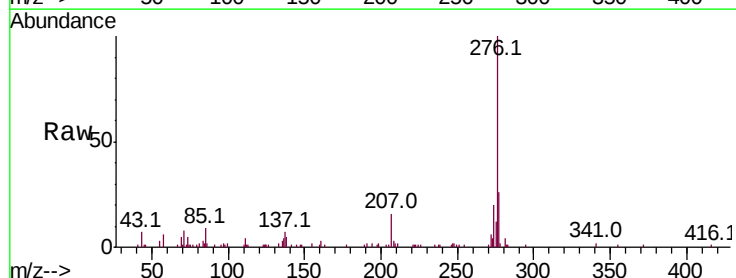
Tgt Ion:276 Resp: 67702

Ion Ratio Lower Upper

276 100

138 5.3 4.2 6.4

277 25.8 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

