

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121420\
 Data File : BG047735.D
 Acq On : 14 Dec 2020 13:41
 Operator : CG/JU
 Sample : L4485-17
 Misc : ME-SOIL-03
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-03

Quant Time: Dec 14 15:16:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 14:20:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27378	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	97325	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	75456	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	197660m	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	242542m	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	245771	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2791	4.49	ng/uL	0.01
4) Pyridine-d5	3.96	84	37057	20.98	ng/ul	0.00
7) Phenol-d5	7.34	99	68681	29.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	38349	31.69	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	50163	28.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	55225	31.62	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	25118	30.67	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	30577	32.80	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	62623	31.80	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	72675	31.71	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	208000	33.40	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	241955	33.97	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	29509	31.11	ng/ul	0.00
60) Fluorene-d10	15.81	176	182255	31.35	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	38791	28.67	ng/ul	0.00
73) Anthracene-d10	17.66	188	315877	32.87	ng/ul	0.00
81) Pyrene-d10	19.93	212	400568	30.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.97	264	413605	29.99	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	669m	1.042	ng/uL
5) Pyridine	3.97	79	4971m	3.000	ng/ul
6) Benzaldehyde	7.33	77	5403	5.120	ng/ul# 59
8) Phenol	7.37	94	6616	2.932	ng/ul 90
10) Bis(2-Chloroethyl)ether	7.61	93	4492	2.862	ng/ul# 71
12) 2-Chlorophenol	7.77	128	5012	2.909	ng/ul# 68
13) 2-Methylphenol	8.63	108	5411	3.152	ng/ul# 65
14) 2,2'-oxybis(1-Chloropropan	8.71	45	4035m	2.762	ng/ul
16) Acetophenone	9.03	105	7700	2.624	ng/ul# 81
17) N-Nitroso-di-n-propylamine	9.01	70	4253	2.640	ng/ul# 90
18) 4-Methylphenol	8.96	108	5016	2.662	ng/ul# 76
19) Hexachloroethane	9.31	117	2572	3.048	ng/ul# 75
22) Nitrobenzene	9.41	77	6799	2.788	ng/ul# 91
23) Isophorone	9.94	82	12227	2.887	ng/ul# 89
25) 2-Nitrophenol	10.14	139	2632	2.702	ng/ul# 70
26) 2,4-Dimethylphenol	10.18	107	6341	2.773	ng/ul# 75
27) Bis(2-Chloroethoxy)methane	10.41	93	5512	2.727	ng/ul# 83
29) 2,4-Dichlorophenol	10.67	162	5173	2.864	ng/ul# 67
30) Naphthalene	11.08	128	14978	2.785	ng/ul# 94
32) 4-Chloroaniline	11.18	127	5961	2.721	ng/ul 100
33) Hexachlorobutadiene	11.36	225	5664	2.920	ng/ul# 75
34) Caprolactam	11.95	113	1490m	2.435	ng/ul

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.27	107	5222m	2.623	ng/ul	
36) 2-Methylnaphthalene	12.67	142	11545	2.845	ng/ul	97
37) 1-Methylnaphthalene	12.89	142	10789	2.783	ng/ul#	96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	8342	2.684	ng/ul#	94
40) Hexachlorocyclopentadiene	13.02	237	4084m	2.004	ng/ul	
41) 2,4,6-Trichlorophenol	13.27	196	4951	2.657	ng/ul#	77
42) 2,4,5-Trichlorophenol	13.33	196	5553m	2.814	ng/ul	
43) 1,1'-Biphenyl	13.67	154	15058	2.584	ng/ul#	96
44) 2-Chloronaphthalene	13.71	162	14034	3.059	ng/ul#	83
45) 2-Nitroaniline	13.91	65	4427m	2.809	ng/ul	
47) Dimethylphthalate	14.27	163	17058	2.673	ng/ul	97
48) 2,6-Dinitrotoluene	14.39	165	3476	2.578	ng/ul#	88
50) Acenaphthylene	14.55	152	19128	2.851	ng/ul#	88
51) 3-Nitroaniline	14.73	138	2751m	2.842	ng/ul	
52) Acenaphthene	14.89	153	14026	2.941	ng/ul	87
53) 2,4-Dinitrophenol	14.94	184	529	0.661	ng/ul#	48
55) 4-Nitrophenol	15.01	109	4576	2.845	ng/ul#	77
56) Dibenzofuran	15.22	168	19026	2.754	ng/ul	93
57) 2,4-Dinitrotoluene	15.17	165	4788	2.478	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.44	232	4273	2.338	ng/ul#	86
59) Diethylphthalate	15.61	149	17666	2.797	ng/ul	97
61) Fluorene	15.87	166	17748	2.989	ng/ul#	93
62) 4-Chlorophenyl-phenylether	15.85	204	11996	3.230	ng/ul#	93
63) 4-Nitroaniline	15.86	138	2664	2.927	ng/ul#	63
66) 4,6-Dinitro-2-methylphenol	15.92	198	3681m	2.681	ng/ul	
67) N-Nitrosodiphenylamine	16.06	169	14671	2.668	ng/ul#	85
68) 4-Bromophenyl-phenylether	16.75	248	7117	2.804	ng/ul	87
69) Hexachlorobenzene	16.86	284	6260	2.247	ng/ul	93
70) Atrazine	17.00	200	6946	2.651	ng/ul#	91
71) Pentachlorophenol	17.22	266	1228m	0.938	ng/ul	
72) Phenanthrene	17.60	178	30380m	2.831	ng/ul	
74) Anthracene	17.69	178	30472	2.842	ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	8535	2.664	ng/ul#	83
76) Pentachlorobenzene	15.14	250	8762	2.803	ng/ul#	84
77) Carbazole	17.96	167	24514m	2.805	ng/ul	
78) Di-n-butylphthalate	18.50	149	29030m	2.708	ng/ul	
80) Fluoranthene	19.60	202	43330m	2.607	ng/ul	
82) Pyrene	19.96	202	45026m	2.744	ng/ul	
83) Butylbenzylphthalate	20.82	149	15576	2.721	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.72	252	15795m	2.645	ng/ul	
85) Benzo(a)anthracene	21.82	228	46281m	2.703	ng/ul	
86) Bis(2-ethylhexyl)phthalate	21.70	149	21631m	2.741	ng/ul	
87) Chrysene	21.89	228	45572	2.805	ng/ul	96
89) Di-n-octyl phthalate	22.96	149	36221	2.800	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	49413	2.877	ng/ul#	98
91) Benzo(k)fluoranthene	24.19	252	47801	2.817	ng/ul#	98
93) Benzo(a)pyrene	25.03	252	40137	2.649	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.02	276	53491m	2.853	ng/ul	
95) Dibenzo(a,h)anthracene	29.10	278	44196	2.839	ng/ul	92
96) Benzo(g,h,i)perylene	30.22	276	44415m	2.877	ng/ul	

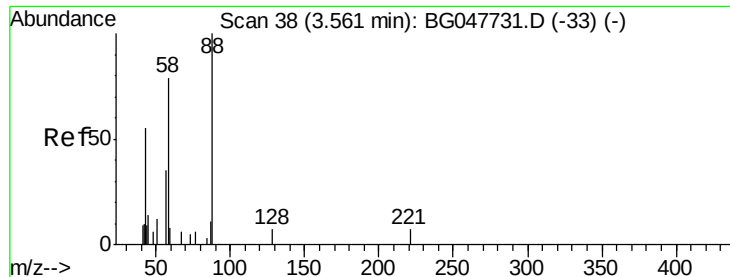
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 1.042 ng/uL m

RT: 3.56 min Scan# 37

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

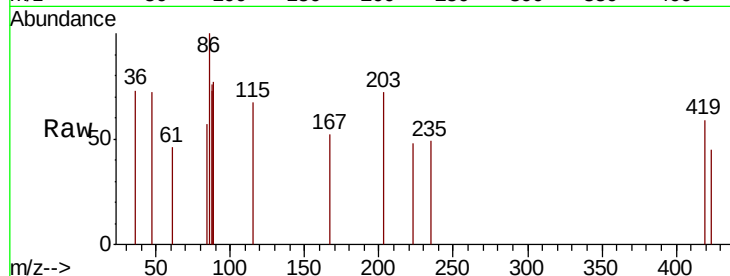
Tot Ion: 88 Resp: 669

Ion Ratio Lower Upper

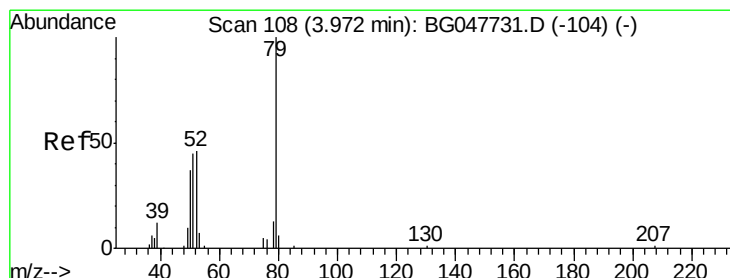
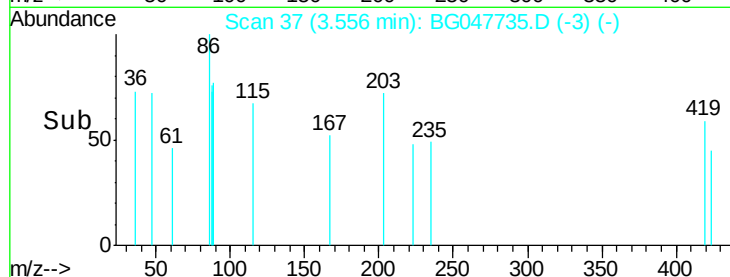
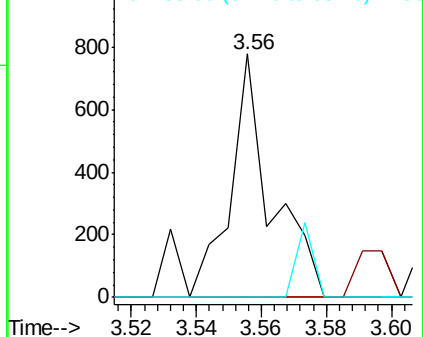
88 100

43 0.0 40.6 61.0#

58 0.0 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: 3.000 ng/uL m

RT: 3.97 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

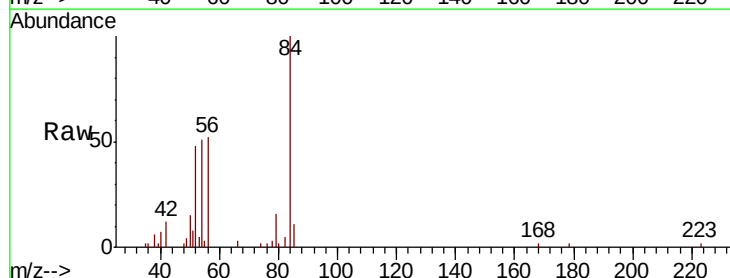
Tgt Ion: 79 Resp: 4971

Ion Ratio Lower Upper

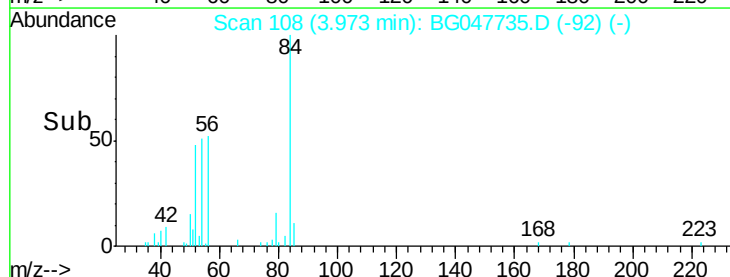
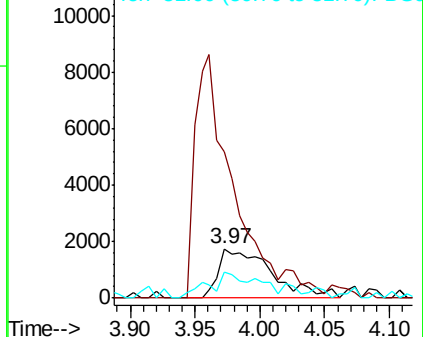
79 100

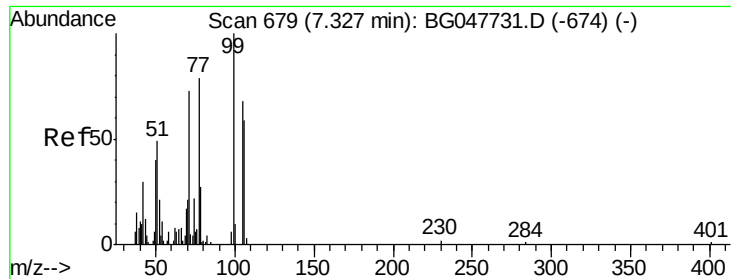
52 295.6 60.8 91.2#

51 51.9 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: 5.120 ng/ul

RT: 7.33 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

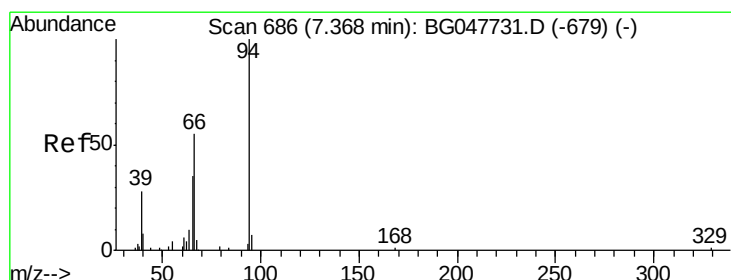
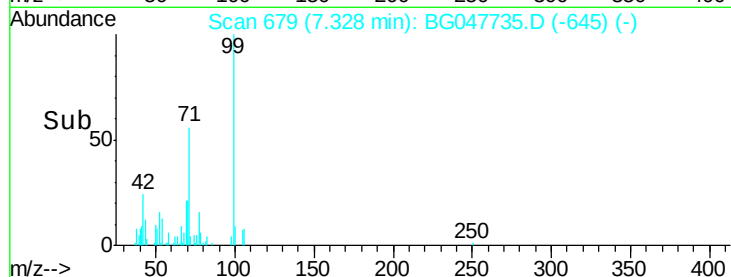
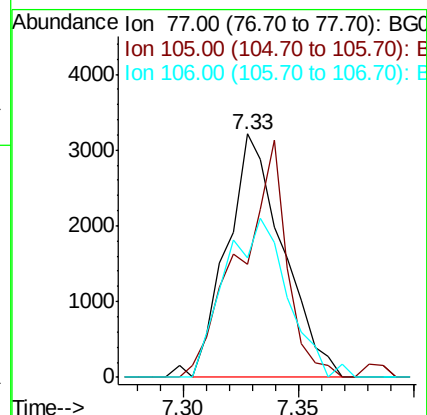
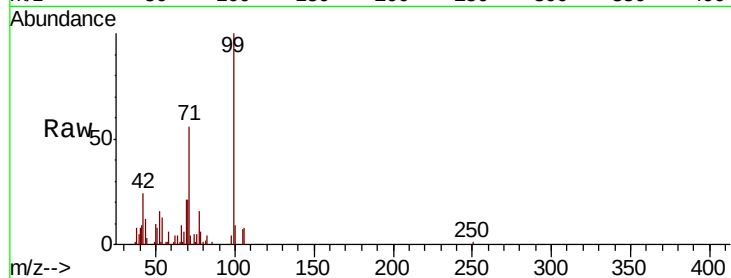
Tot Ion: 77 Resp: 5403

Ion Ratio Lower Upper

77 100

105 46.7 67.9 101.9#

106 49.1 68.1 102.1#



#8

Phenol

Concen: 2.932 ng/ul

RT: 7.37 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

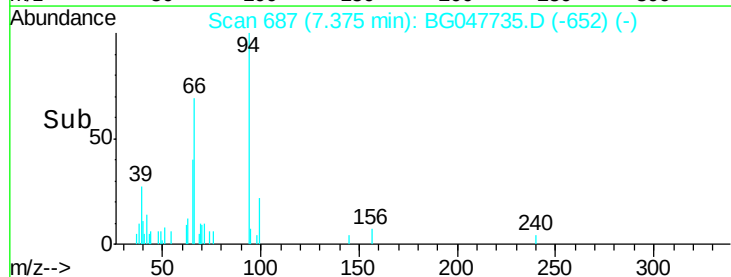
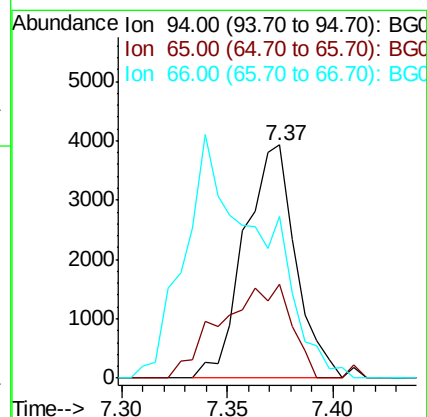
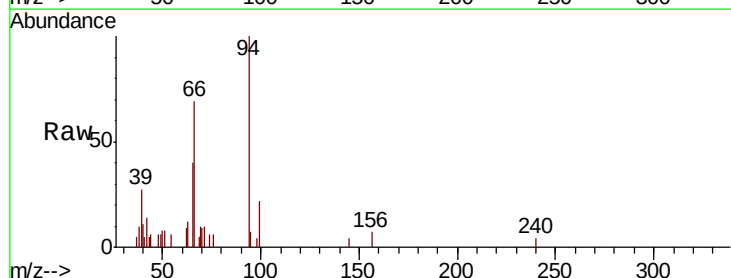
Tgt Ion: 94 Resp: 6616

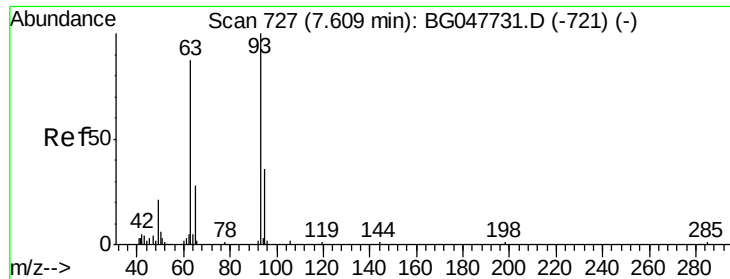
Ion Ratio Lower Upper

94 100

65 40.3 37.2 55.8

66 69.4 63.2 94.8

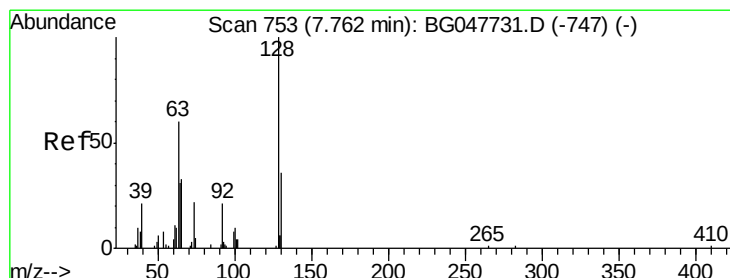
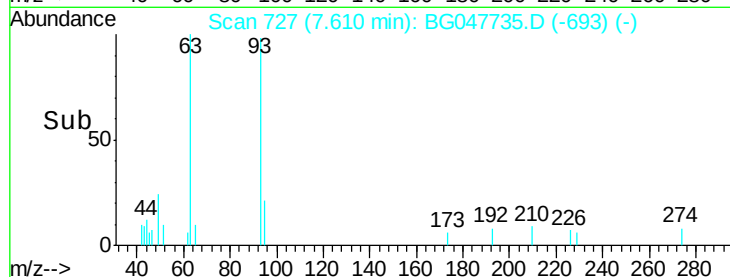
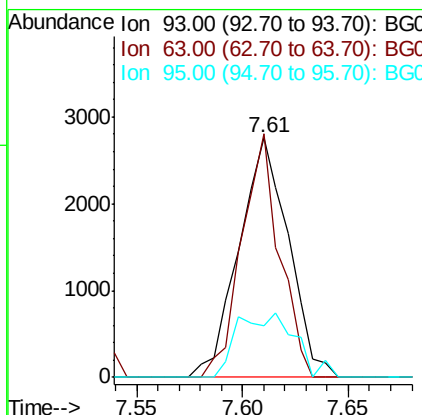
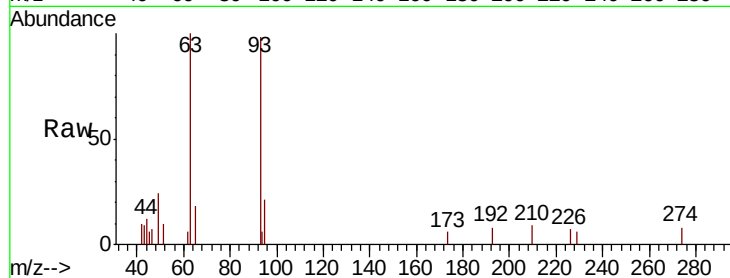




#10
 Bis(2-Chloroethyl)ether
 Concen: 2.862 ng/ul
 RT: 7.61 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

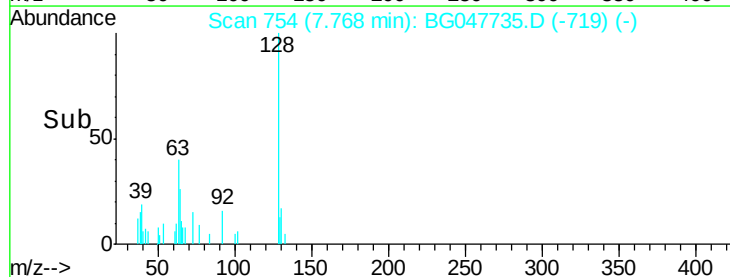
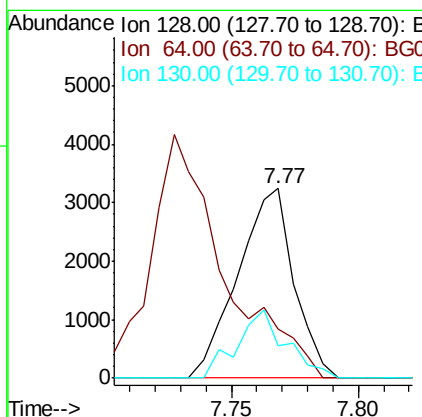
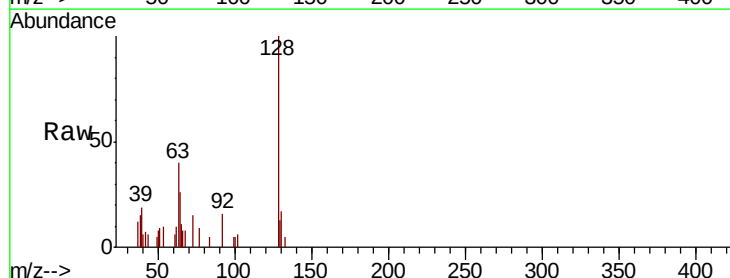
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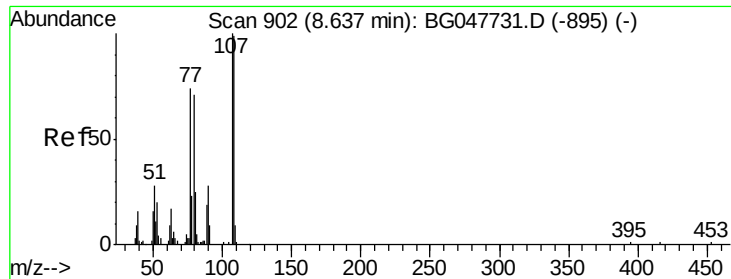
Tot Ion	Ratio	Lower	Upper
93	100		
63	101.7	58.2	87.4#
95	21.6	23.4	35.2#



#12
 2-Chlorophenol
 Concen: 2.909 ng/ul
 RT: 7.77 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

Tgt Ion	Ratio	Lower	Upper
128	100		
64	25.8	40.2	60.2#
130	16.8	24.6	36.8#

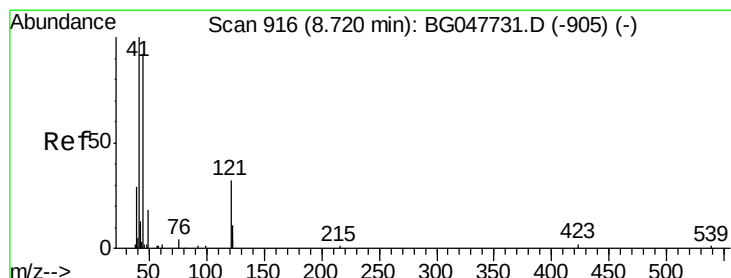
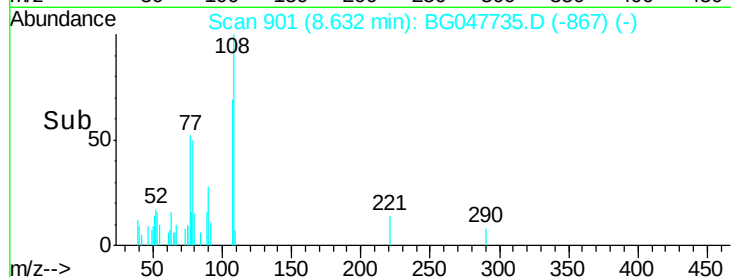
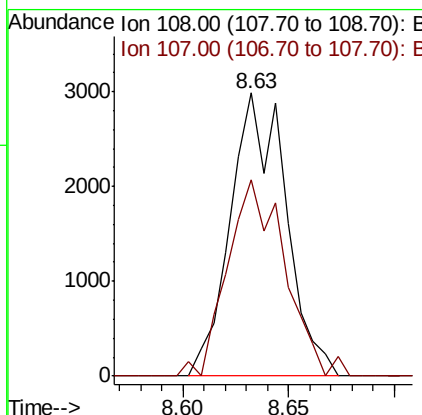
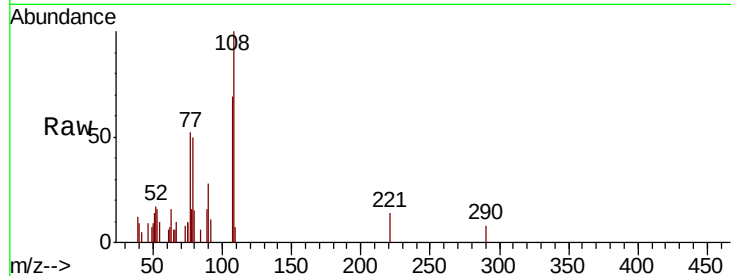




#13
2-Methylphenol
Concen: 3.152 ng/ul
RT: 8.63 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

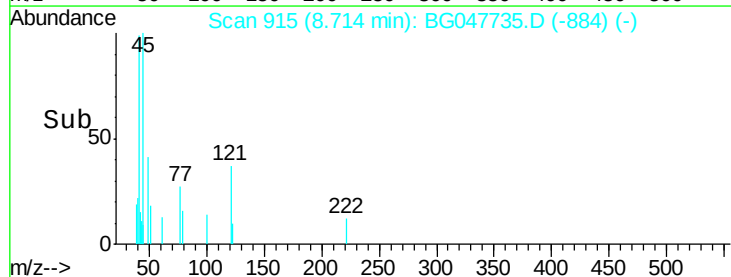
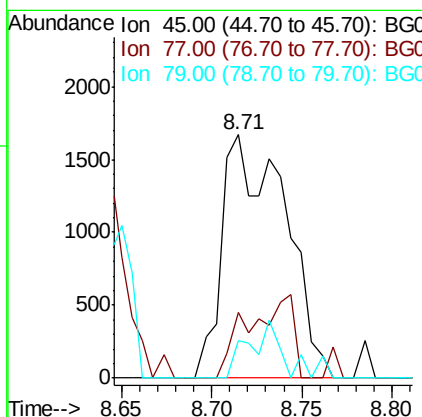
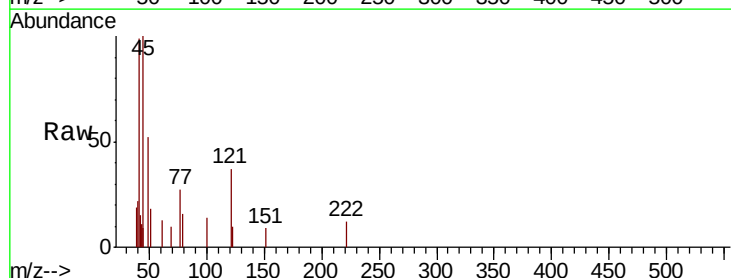
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BNA_G
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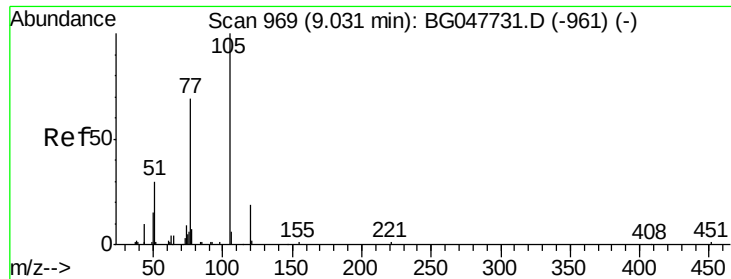
Tot Ion:108 Resp: 5411
Ion Ratio Lower Upper
108 100
107 69.1 83.8 125.6#



#14
2,2'-oxybis(1-Chloropropane)
Concen: 2.762 ng/ul m
RT: 8.71 min Scan# 915
Delta R.T. -0.02 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Tgt Ion: 45 Resp: 4035
Ion Ratio Lower Upper
45 100
77 26.8 18.3 27.5
79 15.6 17.0 25.6#





#16

Acetophenone

Concen: 2.624 ng/ul

RT: 9.03 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

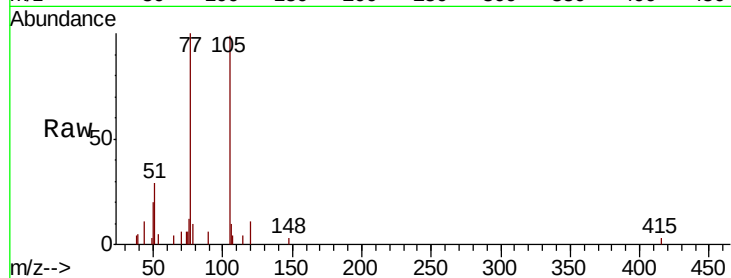
Tot Ion:105 Resp: 7700

Ion Ratio Lower Upper

105 100

77 101.4 64.5 96.7#

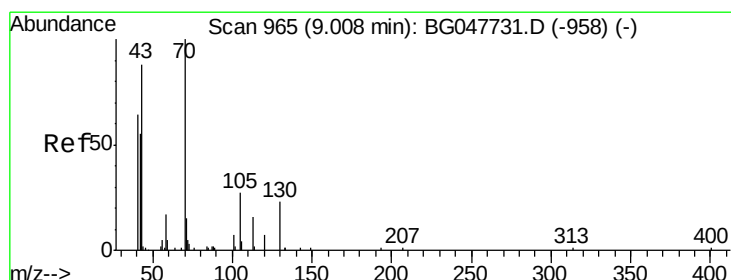
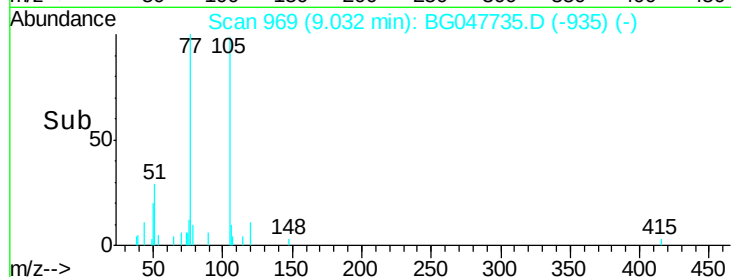
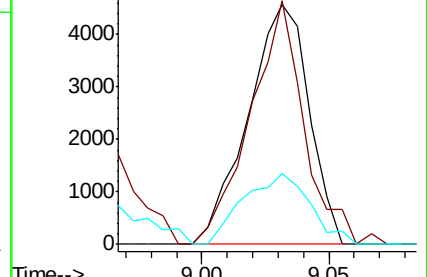
51 29.2 27.7 41.5



Abundance Ion 105.00 (104.70 to 105.70): B

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: 2.640 ng/ul

RT: 9.01 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Tgt Ion: 70 Resp: 4253

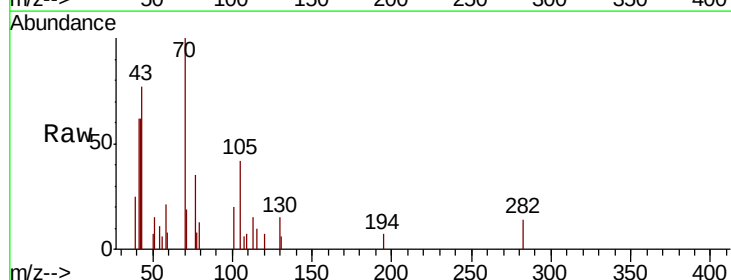
Ion Ratio Lower Upper

70 100

42 62.5 45.0 67.6

101 19.9 7.0 10.4#

130 15.4 11.8 17.8

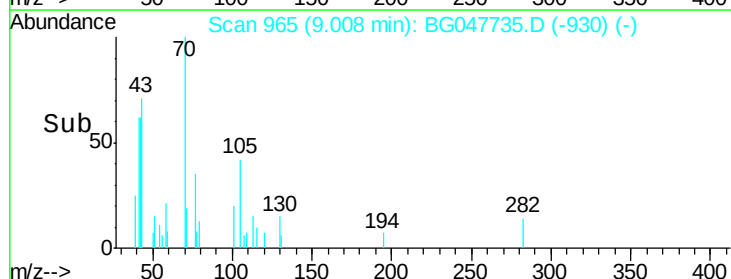
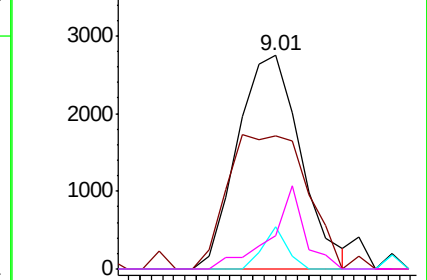


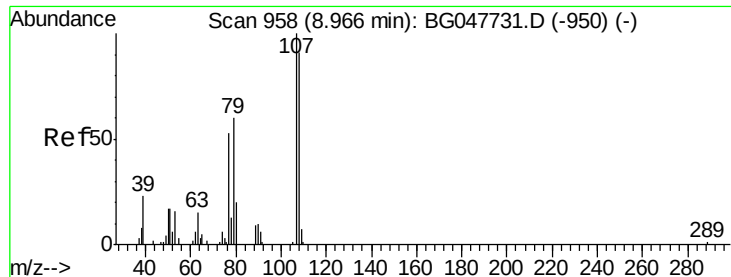
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

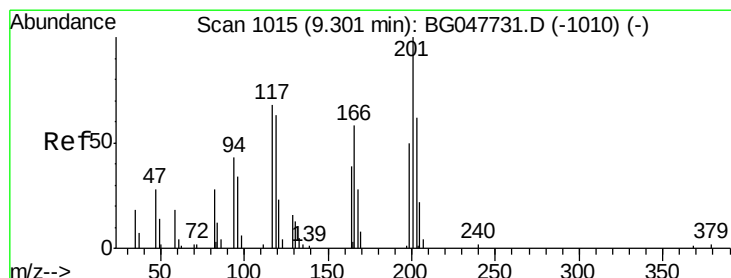
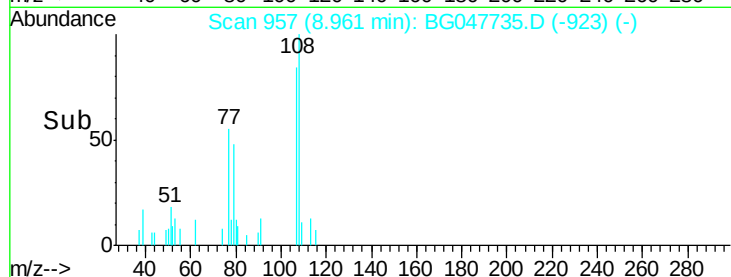
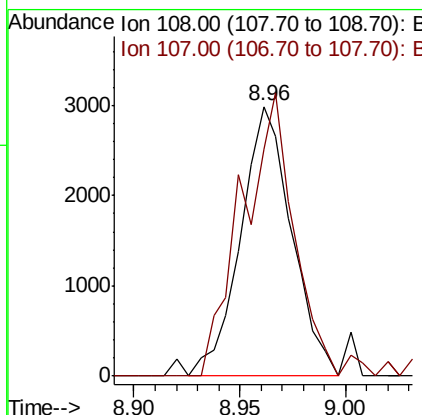
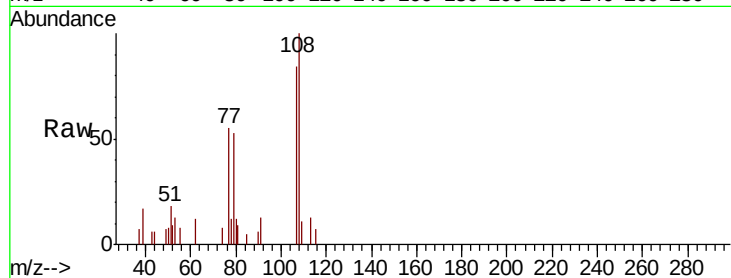




#18
4-Methylphenol
Concen: 2.662 ng/ul
RT: 8.96 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

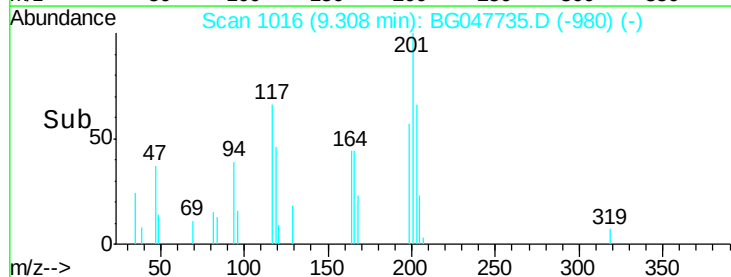
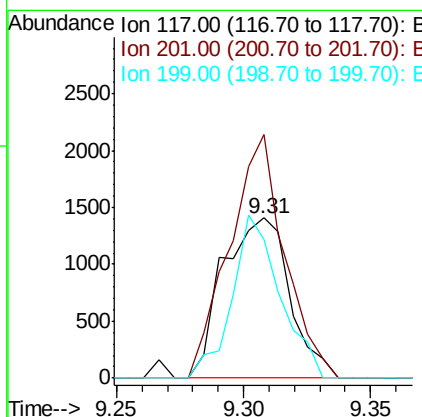
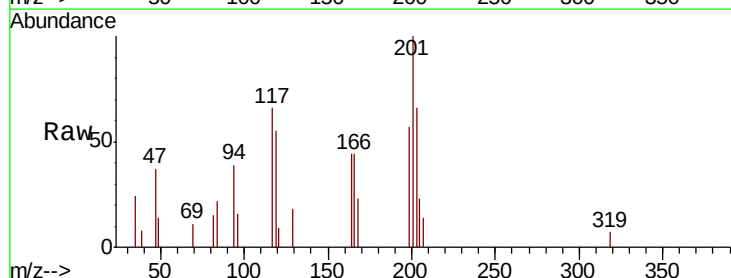
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-03

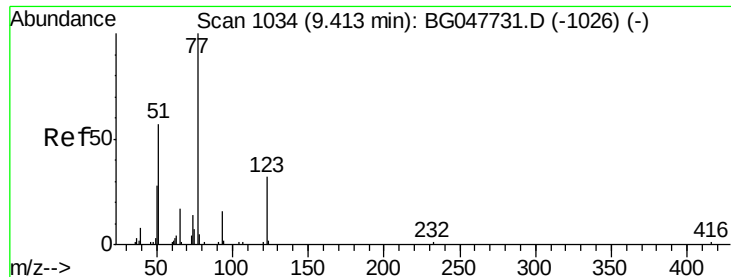
Tot Ion:108 Resp: 5016
Ion Ratio Lower Upper
108 100
107 84.1 87.4 131.0#



#19
Hexachloroethane
Concen: 3.048 ng/ul
RT: 9.31 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Tgt Ion:117 Resp: 2572
Ion Ratio Lower Upper
117 100
201 152.3 96.7 145.1#
199 86.7 56.6 85.0#





#22

Nitrobenzene

Concen: 2.788 ng/ul

RT: 9.41 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

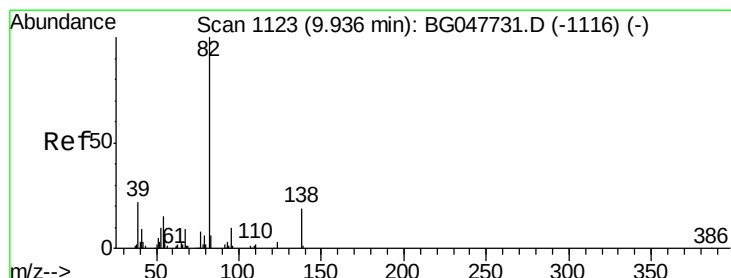
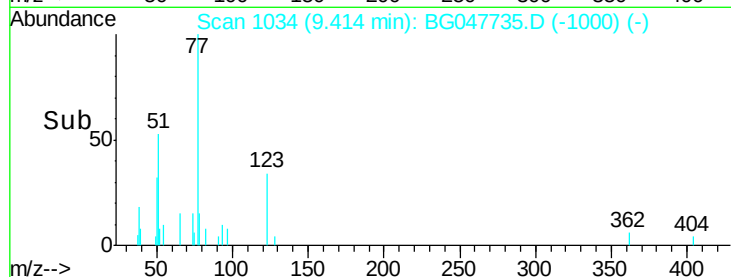
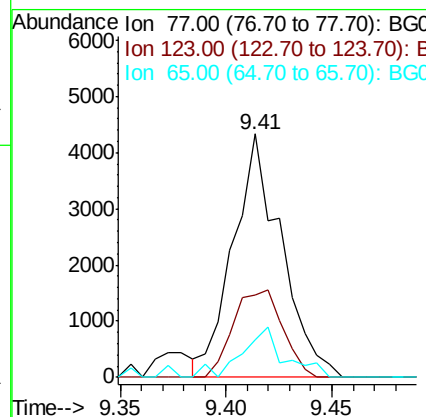
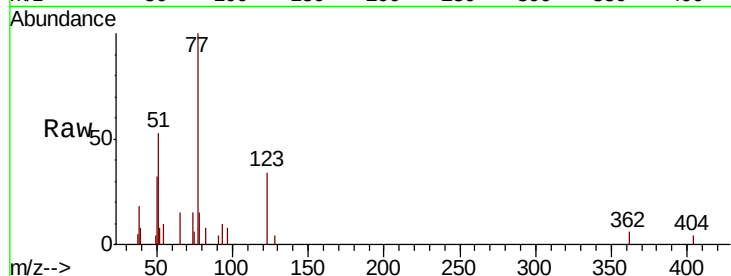
Tot Ion: 77 Resp: 6799

Ion Ratio Lower Upper

77 100

123 34.1 22.5 33.7#

65 15.3 13.8 20.6



#23

Isophorone

Concen: 2.887 ng/ul

RT: 9.94 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

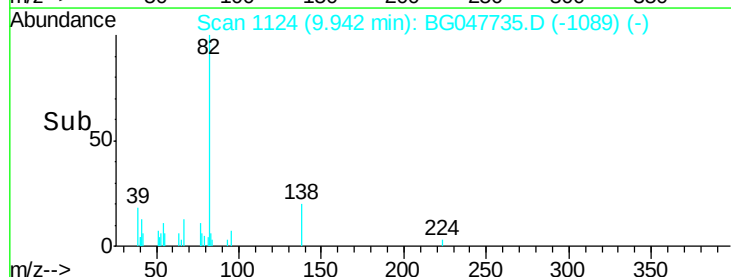
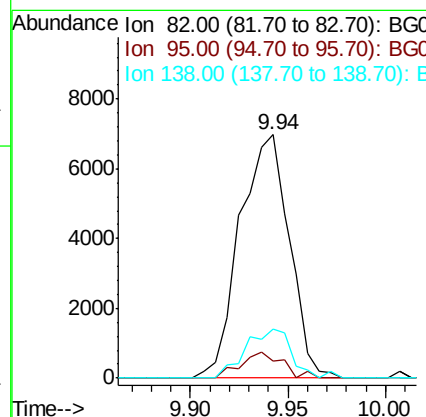
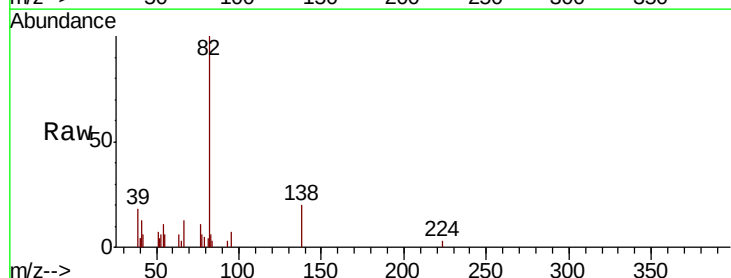
Tgt Ion: 82 Resp: 12227

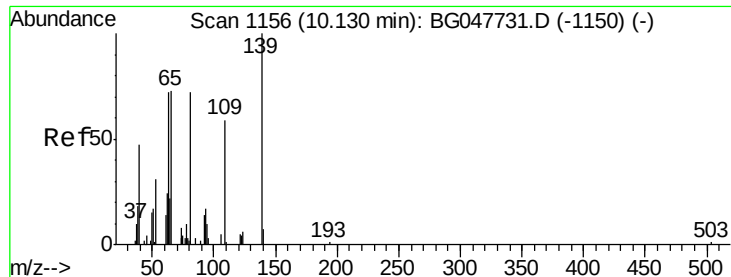
Ion Ratio Lower Upper

82 100

95 7.2 8.7 13.1#

138 20.4 12.4 18.6#

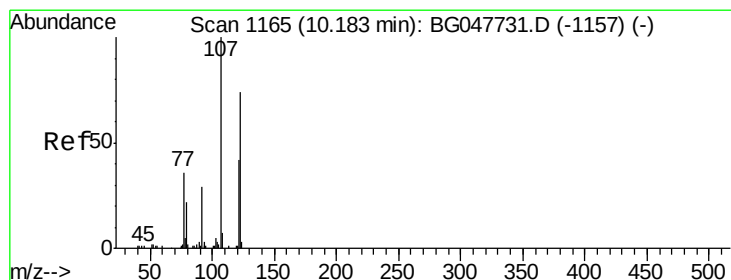
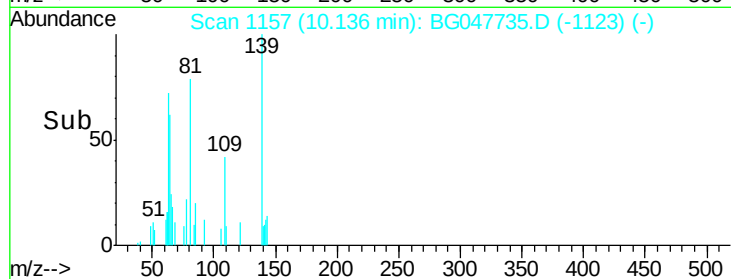
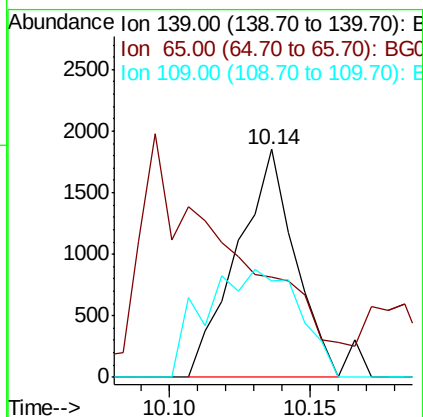
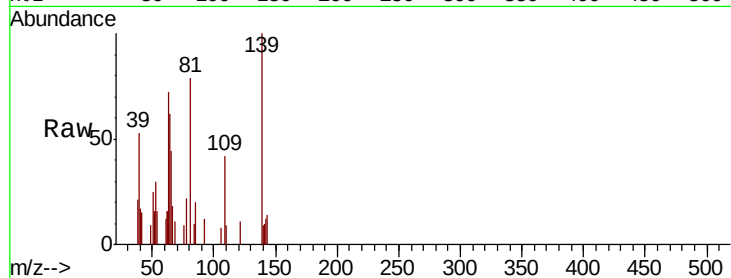




#25
2-Nitrophenol
Concen: 2.702 ng/ul
RT: 10.14 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

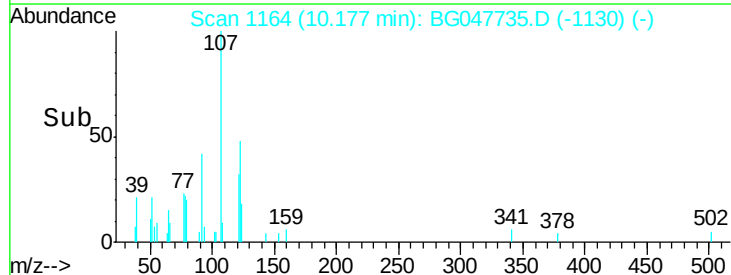
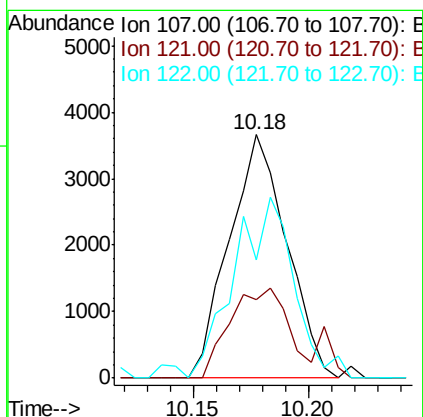
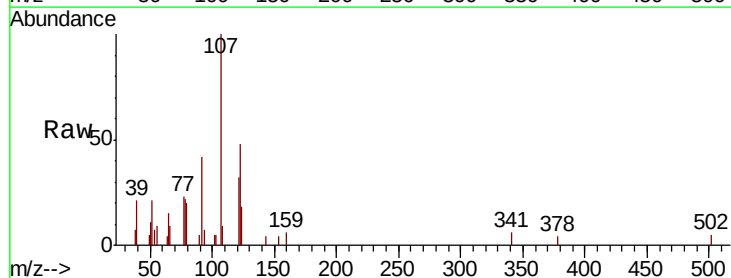
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-03

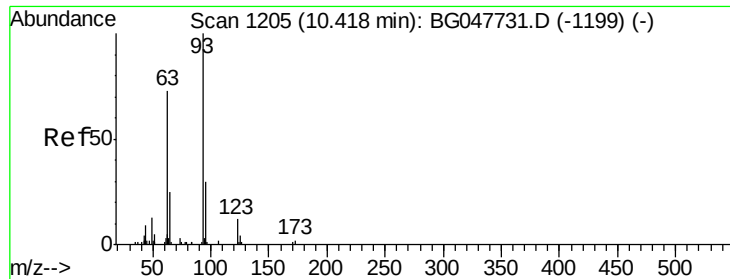
Tot Ion:139 Resp: 2632
Ion Ratio Lower Upper
139 100
65 44.2 58.7 88.1#
109 42.5 48.2 72.2#



#26
2,4-Dimethylphenol
Concen: 2.773 ng/ul
RT: 10.18 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Tgt Ion:107 Resp: 6341
Ion Ratio Lower Upper
107 100
121 32.4 36.7 55.1#
122 48.4 57.7 86.5#

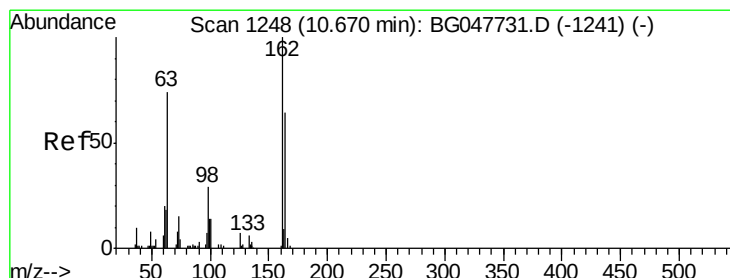
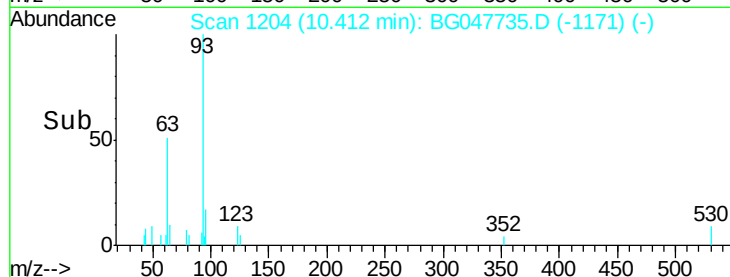
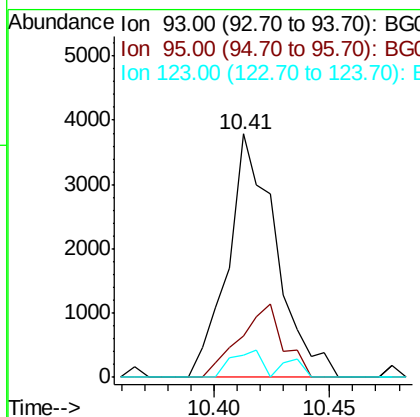
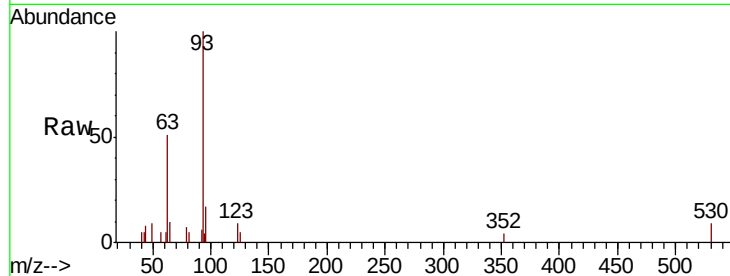




#27
 Bis(2-Chloroethoxy)methane
 Concen: 2.727 ng/ul
 RT: 10.41 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

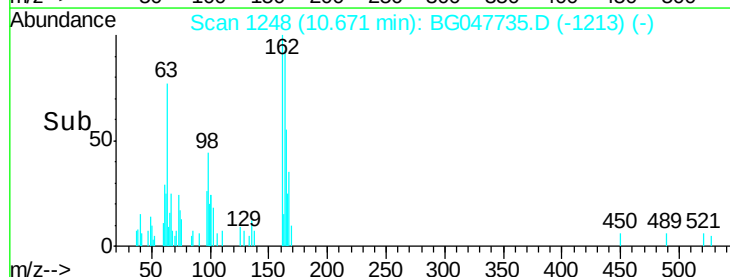
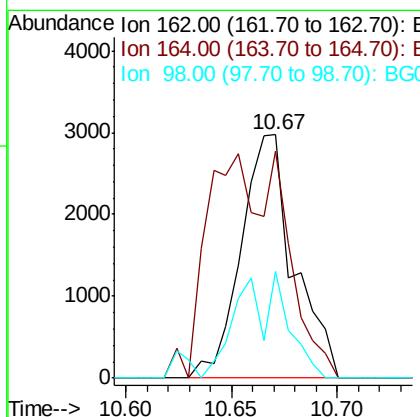
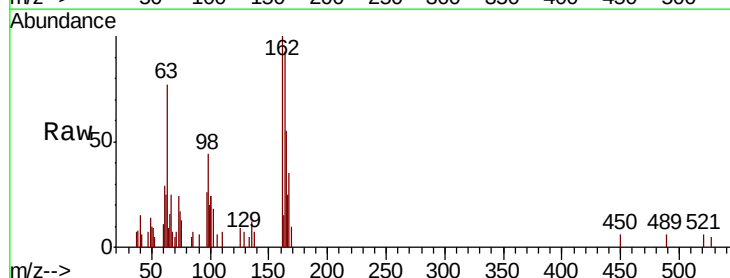
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-03

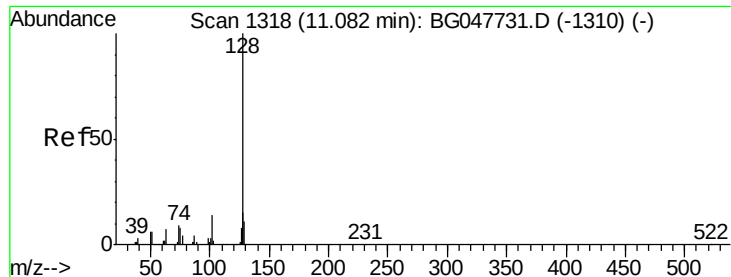
Tot Ion: 93 Resp: 5512
 Ion Ratio Lower Upper
 93 100
 95 17.1 23.4 35.2#
 123 9.3 8.0 12.0



#29
 2,4-Dichlorophenol
 Concen: 2.864 ng/ul
 RT: 10.67 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

Tgt Ion: 162 Resp: 5173
 Ion Ratio Lower Upper
 162 100
 164 93.0 48.7 73.1#
 98 43.6 27.3 40.9#

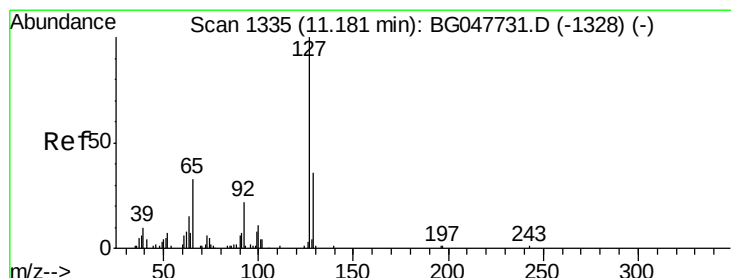
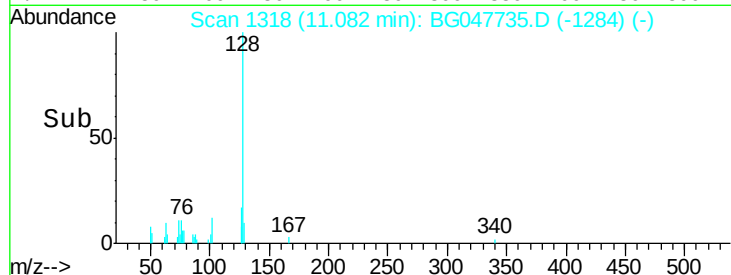
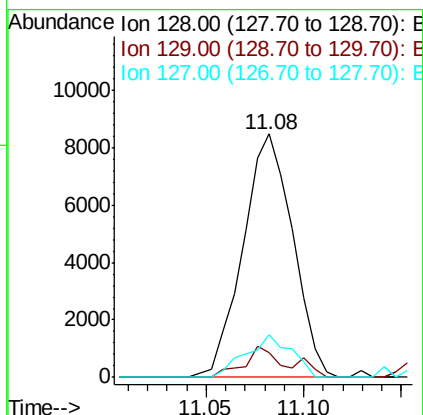
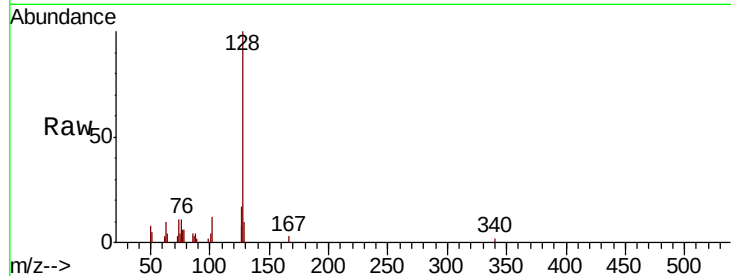




#30
Naphthalene
Concen: 2.785 ng/ul
RT: 11.08 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

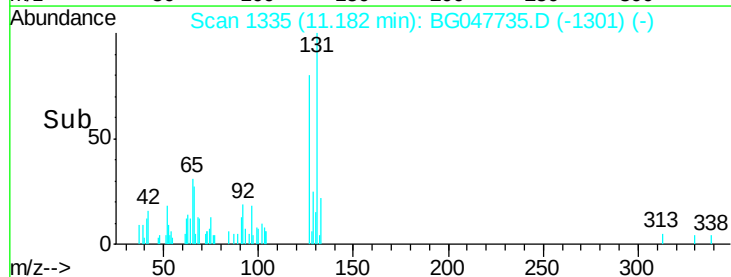
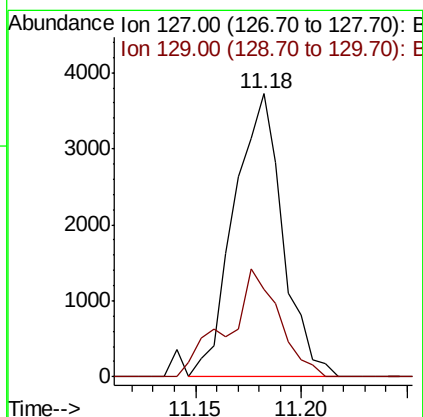
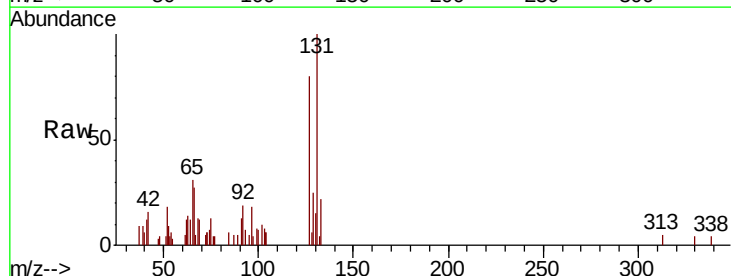
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-03

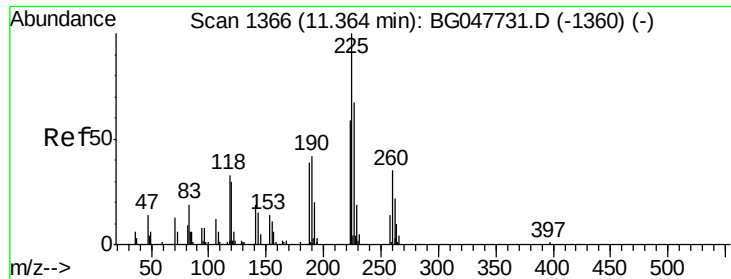
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.3	13.9
127	17.3	11.1	16.7



#32
4-Chloroaniline
Concen: 2.721 ng/ul
RT: 11.18 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.6	37.0





#33

Hexachlorobutadiene

Concen: 2.920 ng/ul

RT: 11.36 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

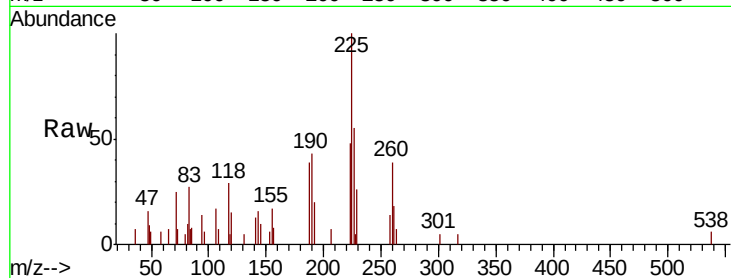
Tot Ion:225 Resp: 5664

Ion Ratio Lower Upper

225 100

223 47.9 57.4 86.0#

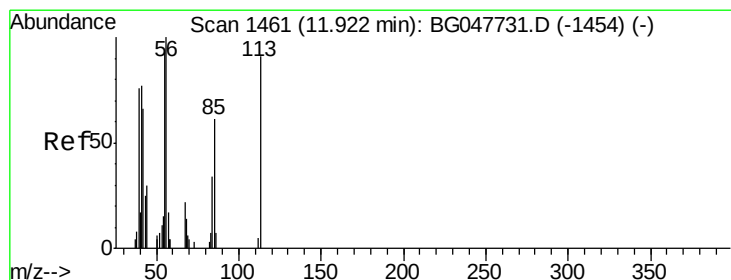
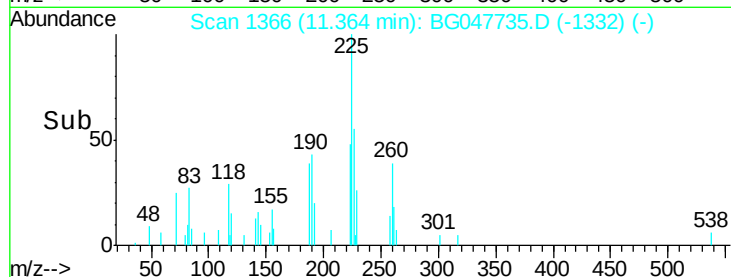
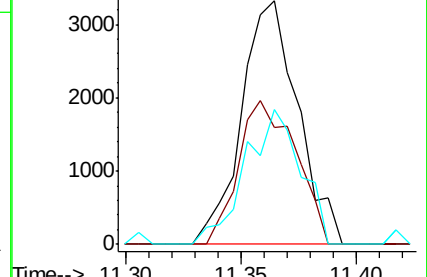
227 55.5 59.2 88.8#



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: 2.435 ng/ul m

RT: 11.95 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

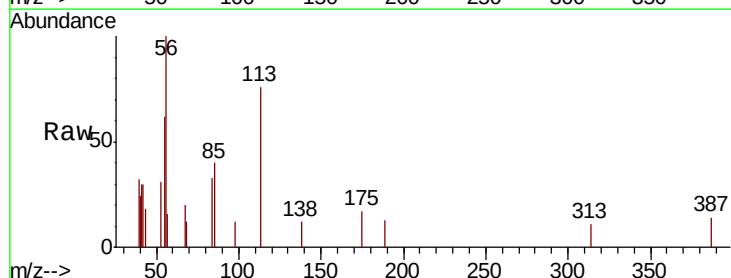
Tgt Ion:113 Resp: 1490

Ion Ratio Lower Upper

113 100

55 81.5 65.1 97.7

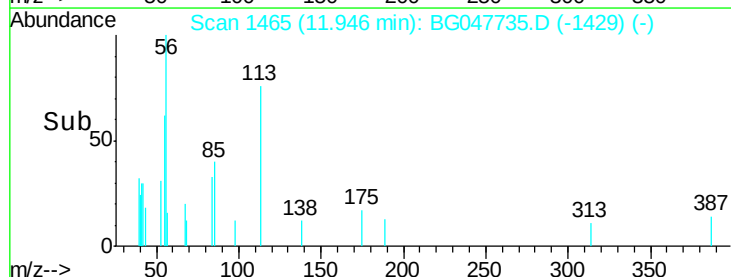
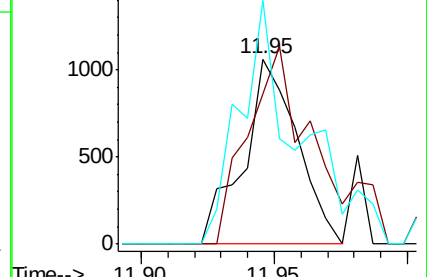
56 131.8 63.1 94.7#

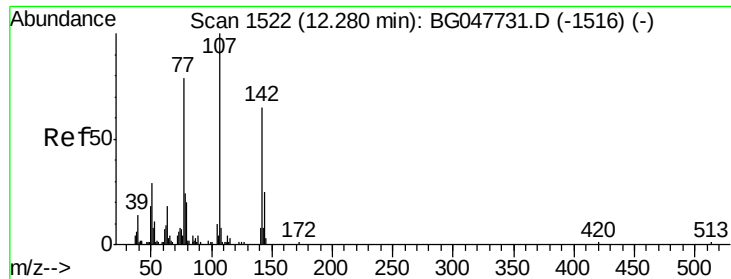


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

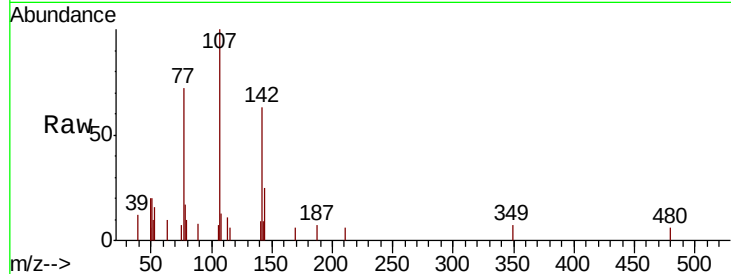




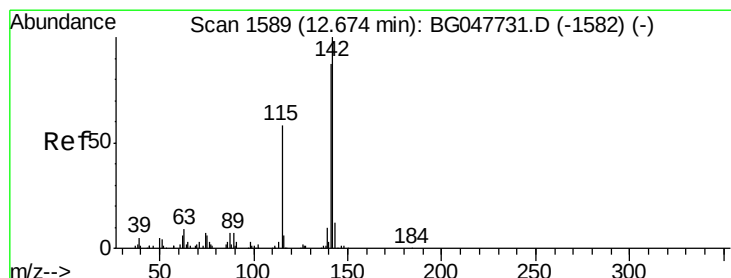
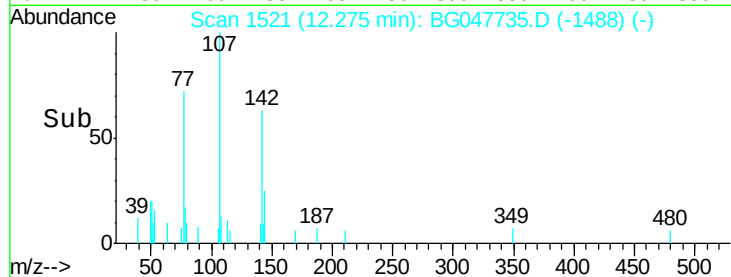
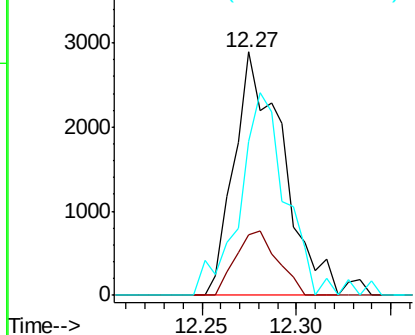
#35
 4-Chloro-3-methylphenol
 Concen: 2.623 ng/ul m
 RT: 12.27 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-03

Tot Ion:107 Resp: 5222
 Ion Ratio Lower Upper
 107 100
 144 24.7 14.6 22.0#
 142 63.1 47.7 71.5

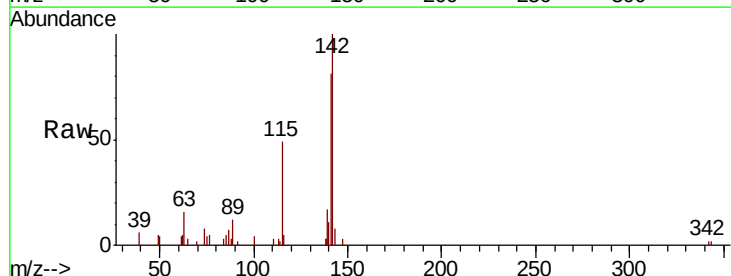


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

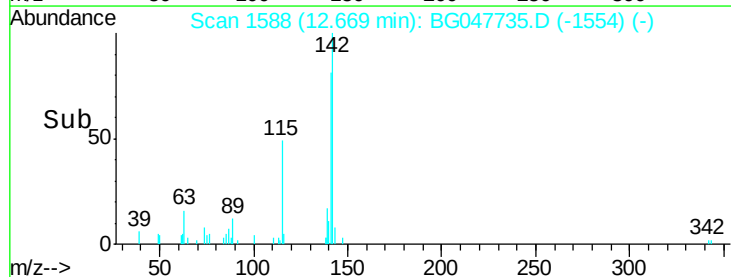
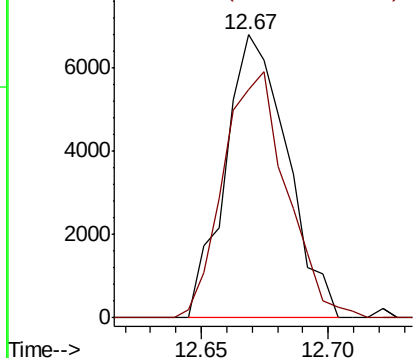


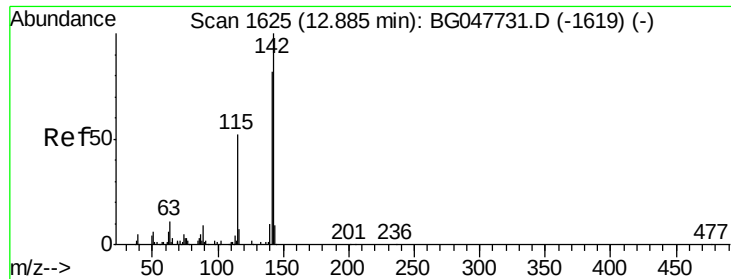
#36
 2-Methylnaphthalene
 Concen: 2.845 ng/ul
 RT: 12.67 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

Tgt Ion:142 Resp: 11545
 Ion Ratio Lower Upper
 142 100
 141 80.7 67.0 100.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

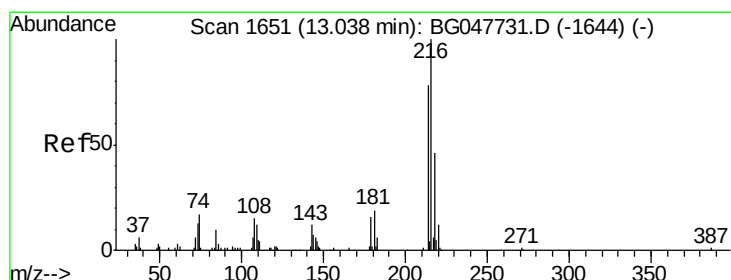
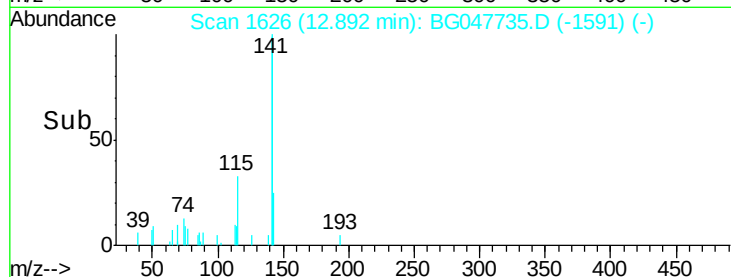
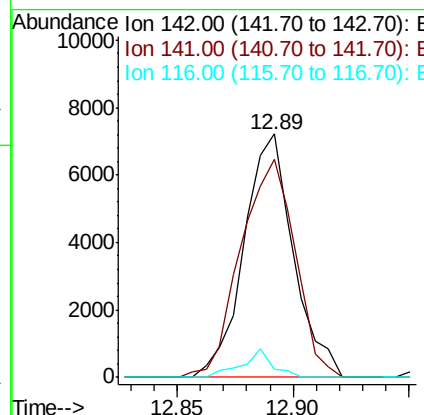
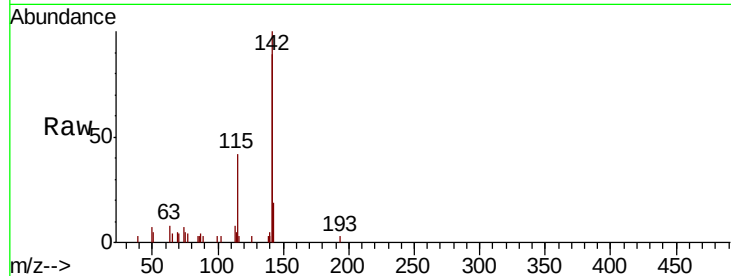




#37
1-Methylnaphthalene
Concen: 2.783 ng/ul
RT: 12.89 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

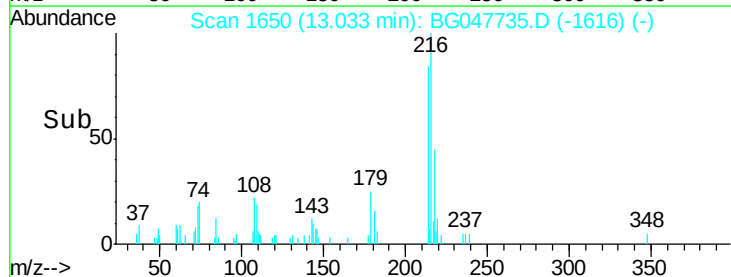
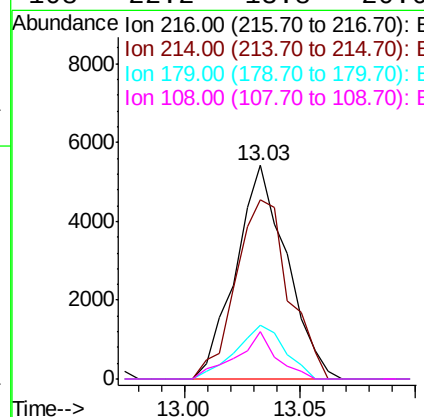
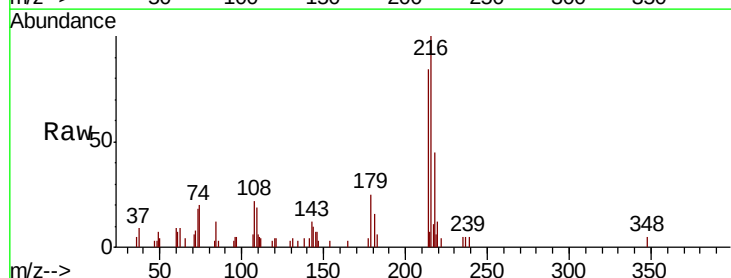
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-03

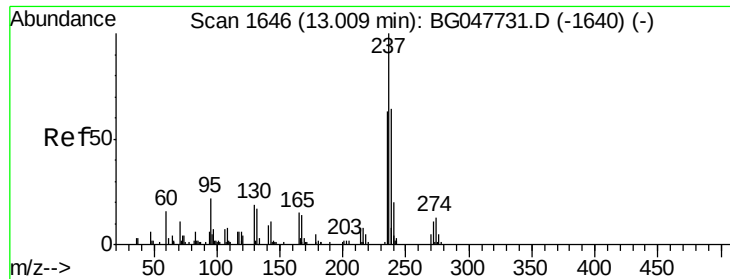
Tot Ion:142 Resp: 10789
Ion Ratio Lower Upper
142 100
141 89.4 74.6 112.0
116 3.1 4.4 6.6#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.684 ng/ul
RT: 13.03 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Tgt Ion:216 Resp: 8342
Ion Ratio Lower Upper
216 100
214 84.0 69.7 104.5
179 25.3 15.2 22.8#
108 22.2 13.8 20.6#





#40

Hexachlorocyclopentadiene

Concen: 2.004 ng/ul m

RT: 13.02 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

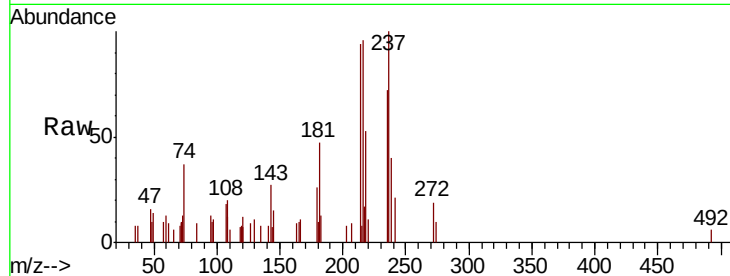
Tot Ion:237 Resp: 4084

Ion Ratio Lower Upper

237 100

235 71.7 49.4 74.0

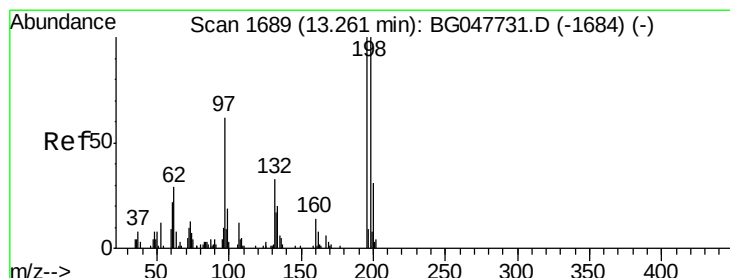
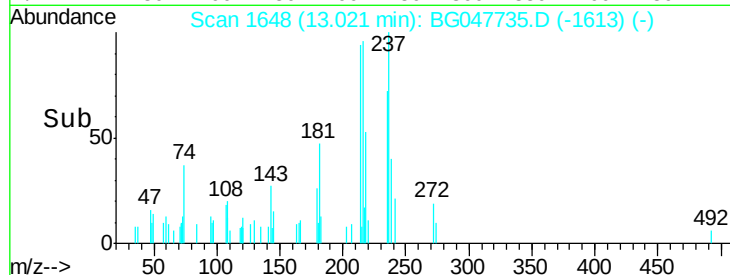
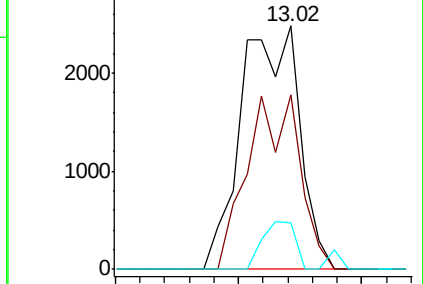
272 19.3 8.4 12.6#



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: 2.657 ng/ul

RT: 13.27 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

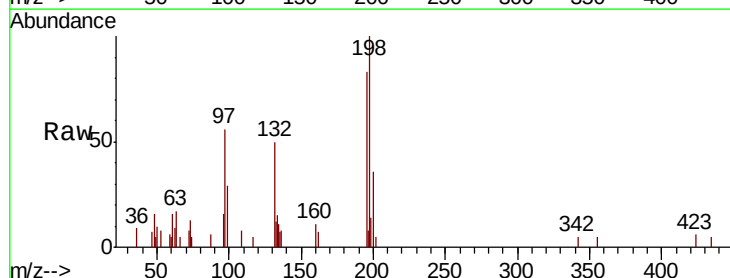
Tgt Ion:196 Resp: 4951

Ion Ratio Lower Upper

196 100

198 124.6 77.6 116.4#

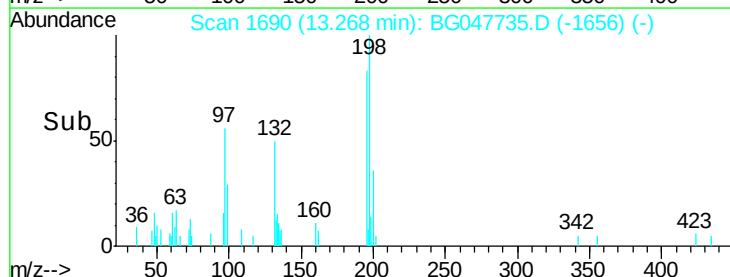
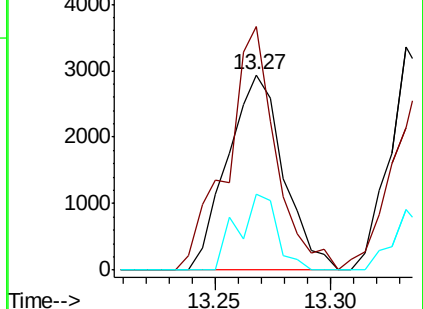
200 38.9 27.0 40.6

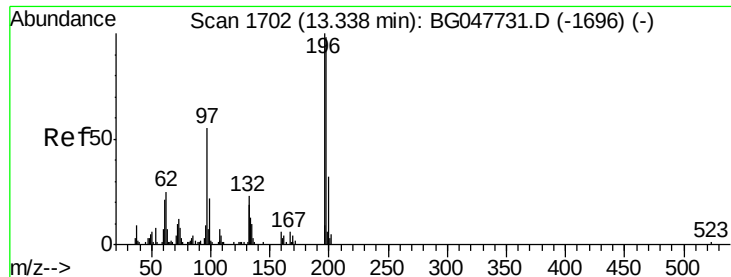


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

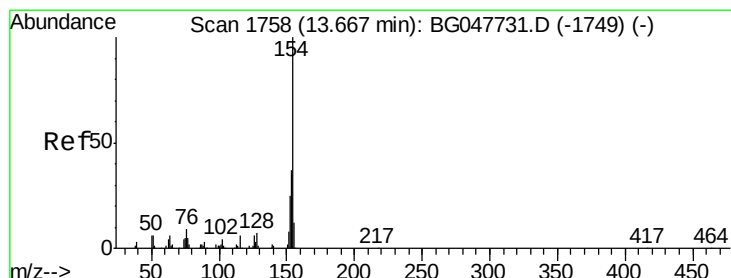
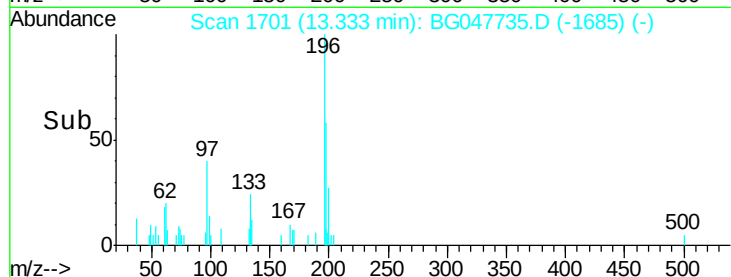
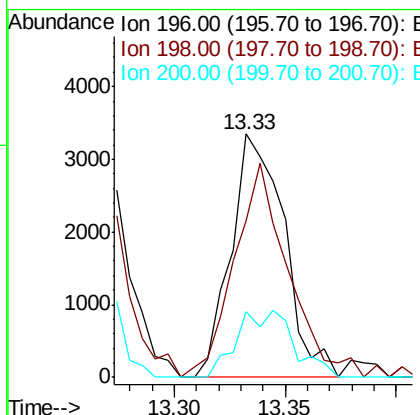
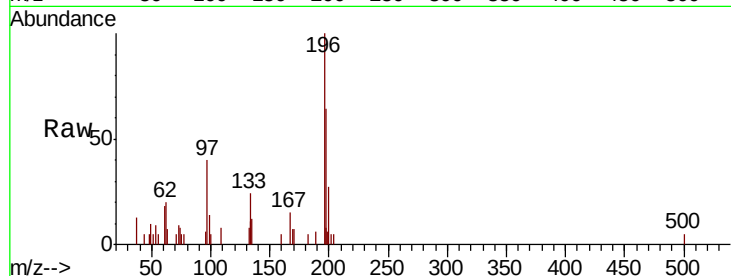




#42
 2,4,5-Trichlorophenol
 Concen: 2.814 ng/ul m
 RT: 13.33 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

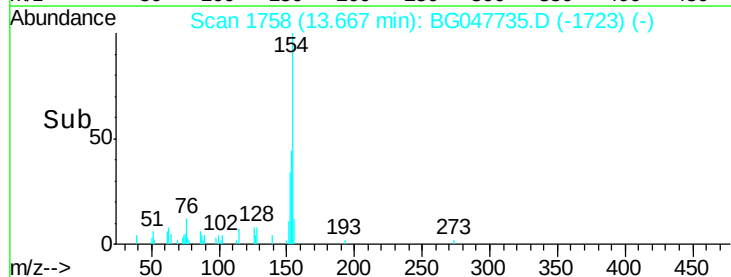
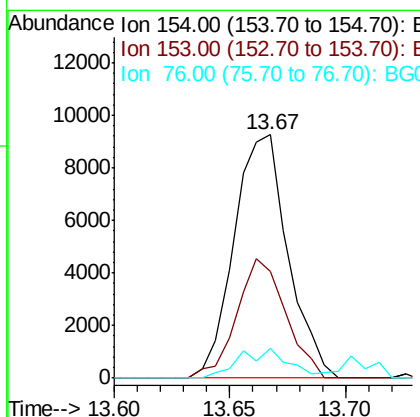
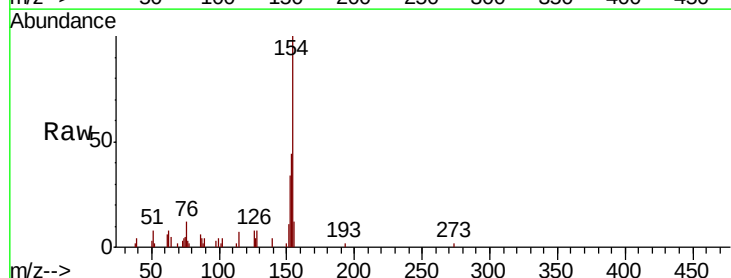
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-03

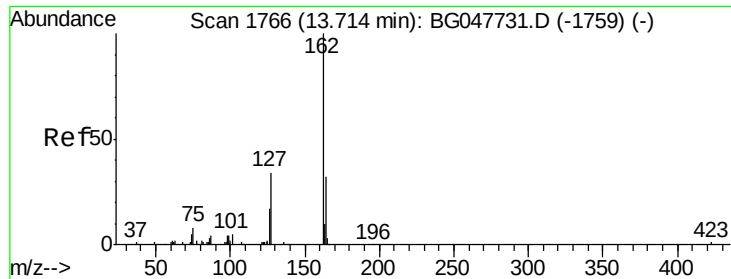
Tot Ion:196 Resp: 5553
 Ion Ratio Lower Upper
 196 100
 198 64.1 76.5 114.7#
 200 27.0 23.4 35.0



#43
 1,1'-Biphenyl
 Concen: 2.584 ng/ul
 RT: 13.67 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

Tgt Ion:154 Resp: 15058
 Ion Ratio Lower Upper
 154 100
 153 43.9 33.8 50.6
 76 12.1 7.5 11.3#

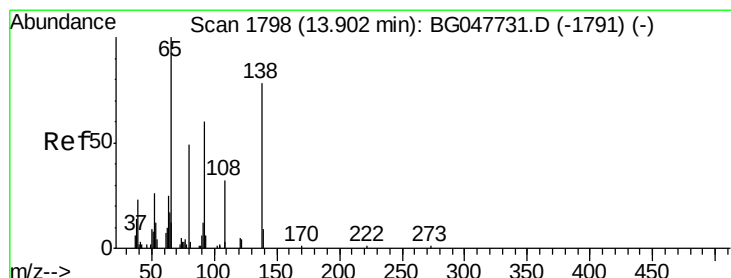
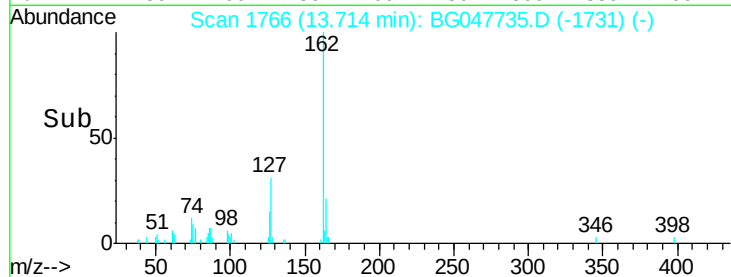
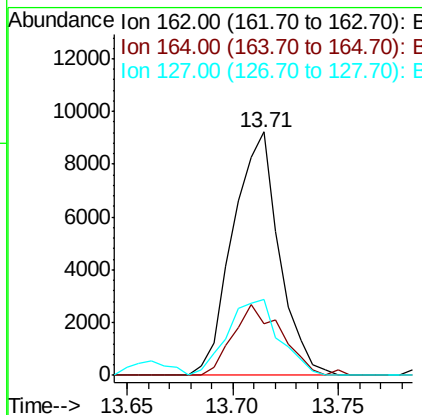
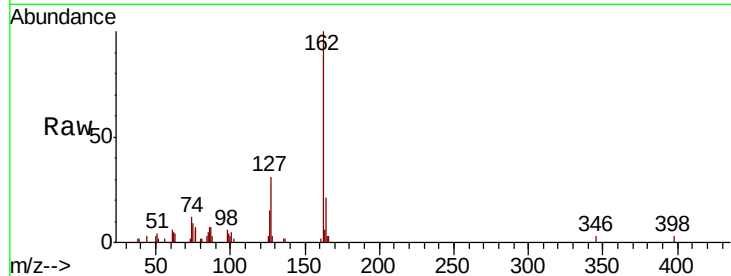




#44
 2-Chloronaphthalene
 Concen: 3.059 ng/ul
 RT: 13.71 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

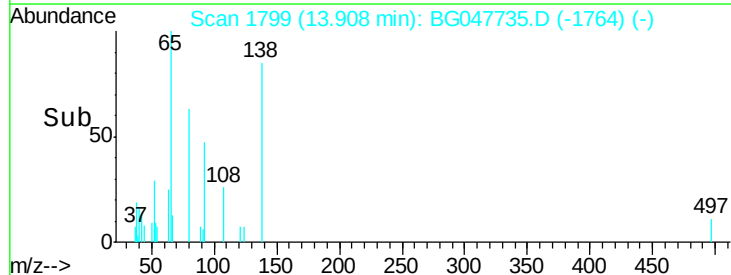
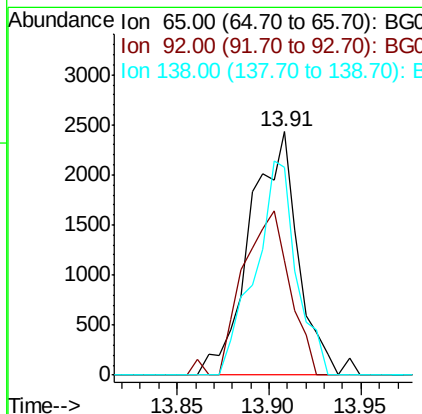
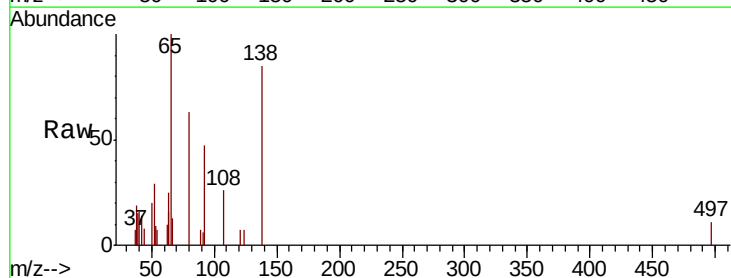
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-03

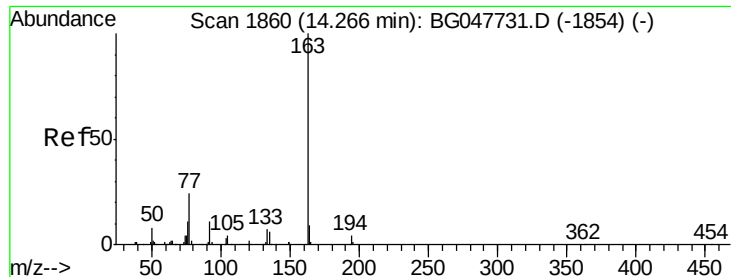
Tot Ion:162 Resp: 14034
 Ion Ratio Lower Upper
 162 100
 164 21.0 27.8 41.6#
 127 31.4 30.8 46.2



#45
 2-Nitroaniline
 Concen: 2.809 ng/ul m
 RT: 13.91 min Scan# 1799
 Delta R.T. 0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

Tgt Ion: 65 Resp: 4427
 Ion Ratio Lower Upper
 65 100
 92 46.8 45.8 68.6
 138 85.4 71.1 106.7





#47

Dimethylphthalate

Concen: 2.673 ng/ul

RT: 14.27 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

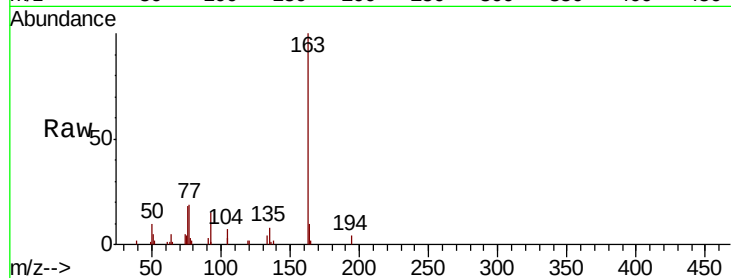
Tot Ion:163 Resp: 17058

Ion Ratio Lower Upper

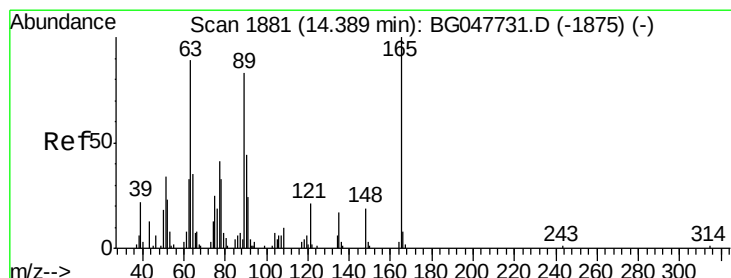
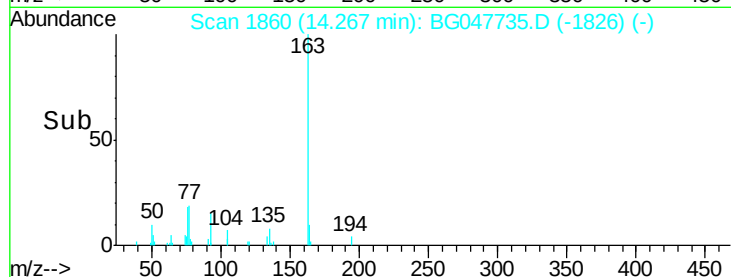
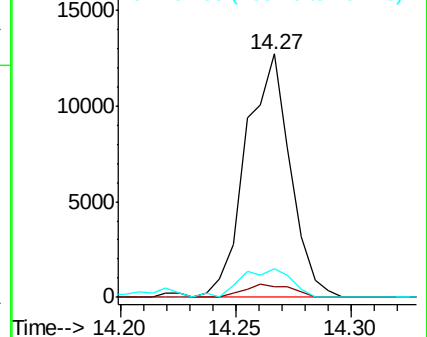
163 100

194 4.3 3.4 5.2

164 11.8 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: 2.578 ng/ul

RT: 14.39 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

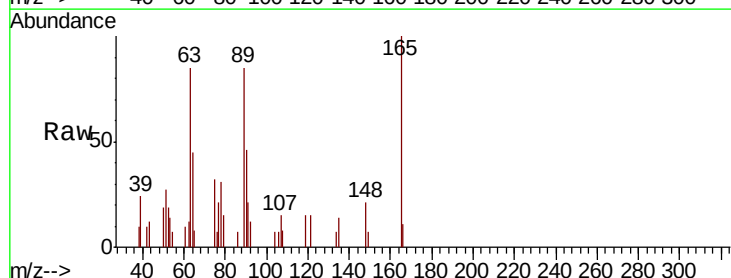
Tgt Ion:165 Resp: 3476

Ion Ratio Lower Upper

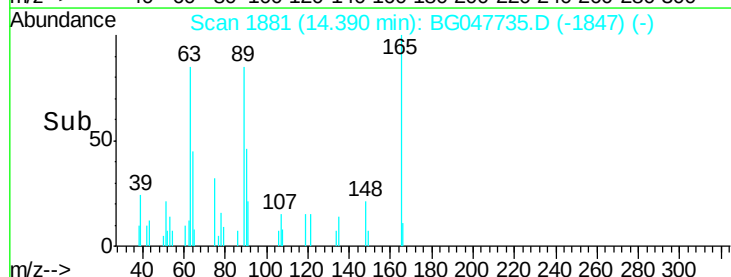
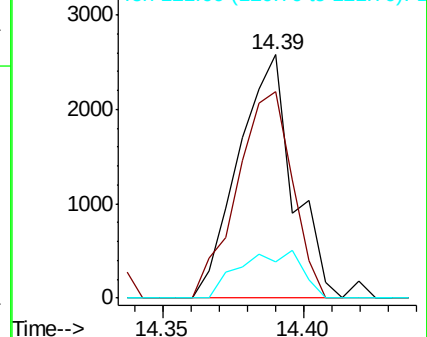
165 100

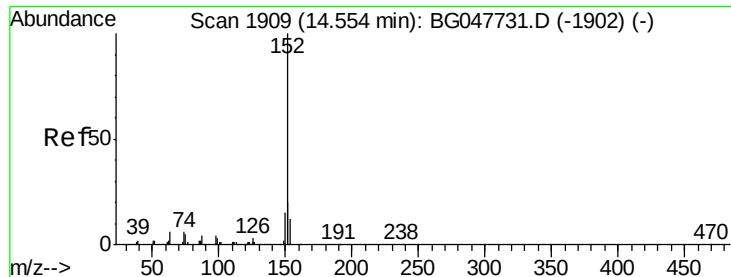
89 85.0 60.7 91.1

121 15.0 18.1 27.1#



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





#50

Acenaphthylene

Concen: 2.851 ng/ul

RT: 14.55 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

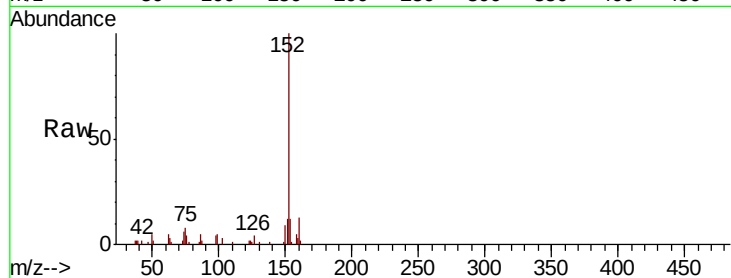
Tot Ion:152 Resp: 19128

Ion Ratio Lower Upper

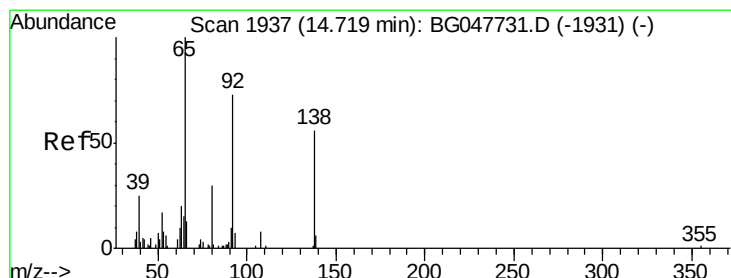
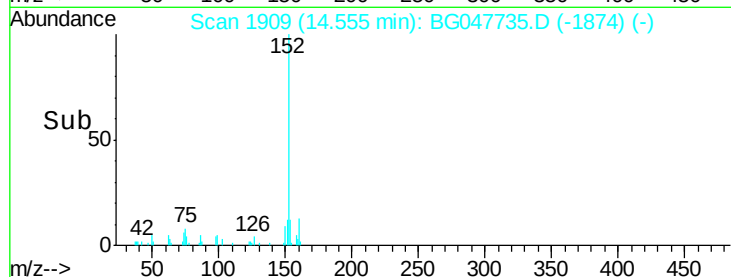
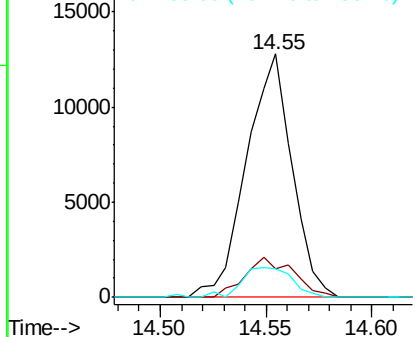
152 100

151 11.8 15.3 22.9#

153 11.6 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: 2.842 ng/ul m

RT: 14.73 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

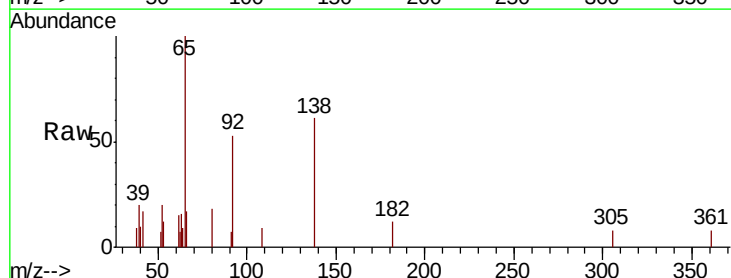
Tgt Ion:138 Resp: 2751

Ion Ratio Lower Upper

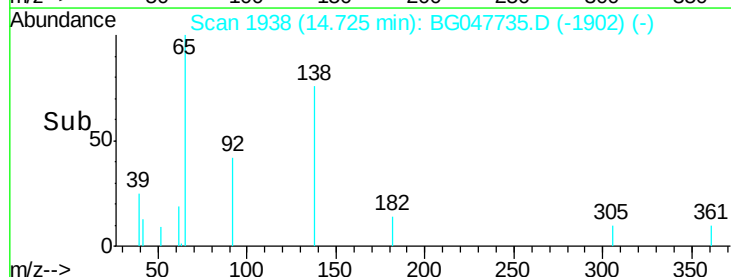
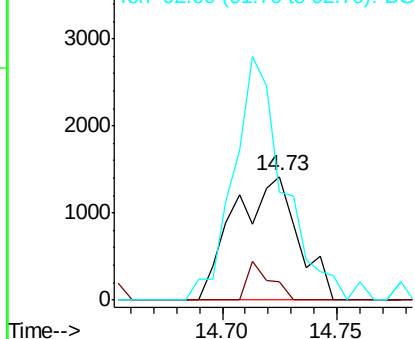
138 100

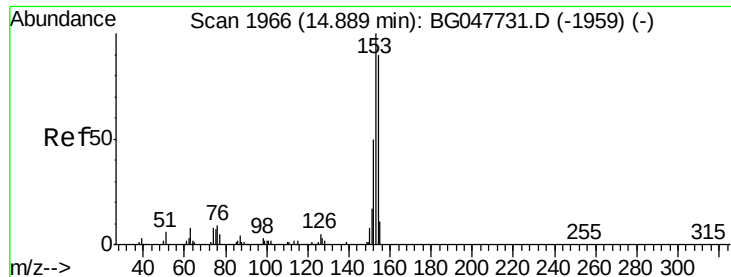
108 14.7 11.9 17.9

92 87.7 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): BGO





#52

Acenaphthene

Concen: 2.941 ng/ul

RT: 14.89 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

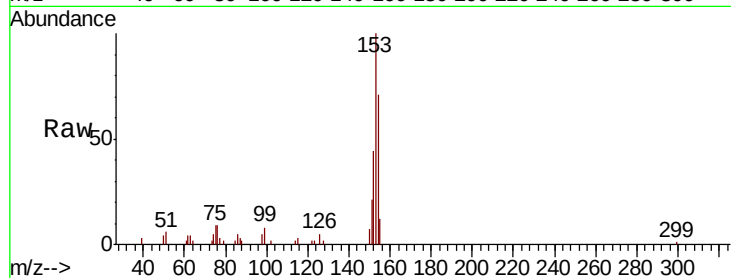
Tot Ion:153 Resp: 14026

Ion Ratio Lower Upper

153 100

152 43.8 34.8 52.2

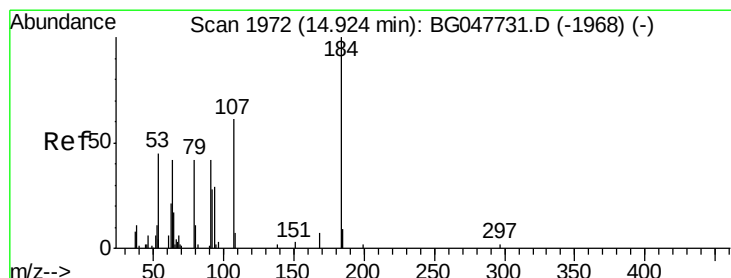
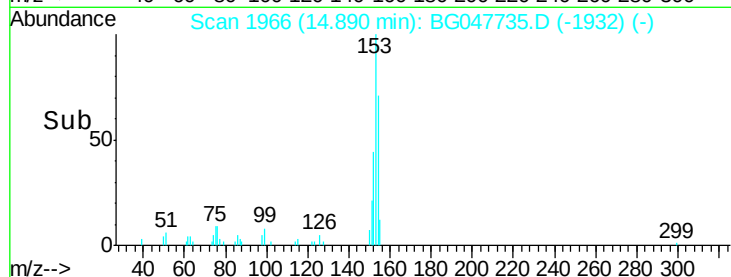
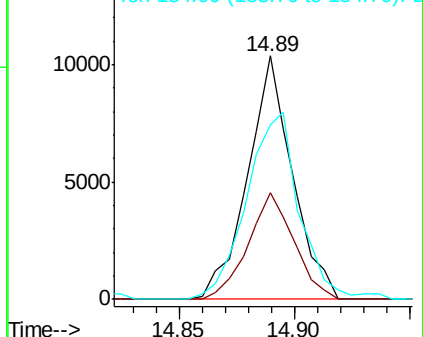
154 71.5 71.2 106.8



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: 0.661 ng/ul

RT: 14.94 min Scan# 1975

Delta R.T. 0.02 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

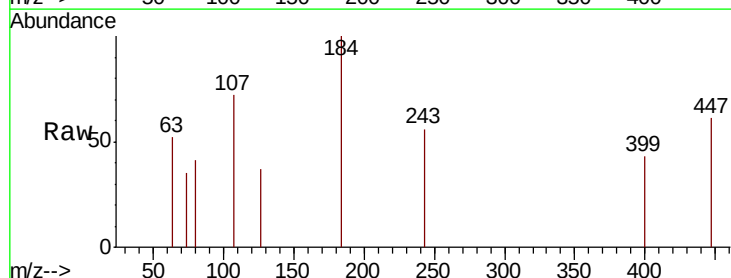
Tgt Ion:184 Resp: 529

Ion Ratio Lower Upper

184 100

63 52.3 46.5 69.7

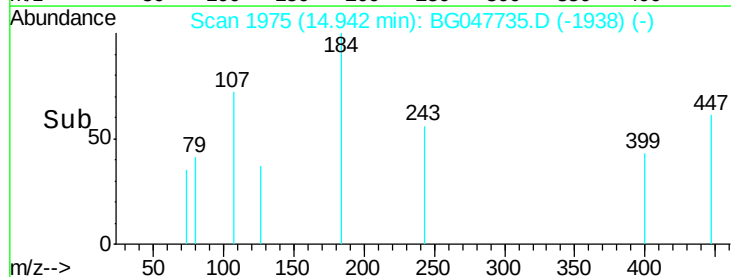
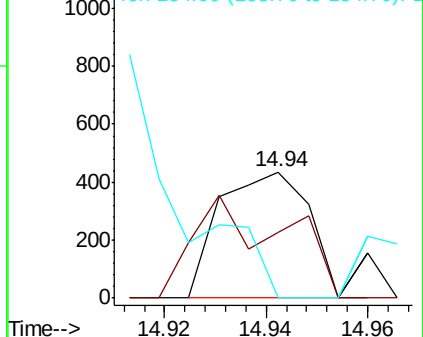
154 0.0 58.4 87.6#

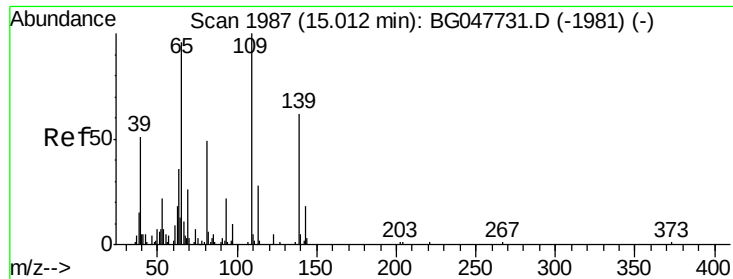


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 2.845 ng/ul

RT: 15.01 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

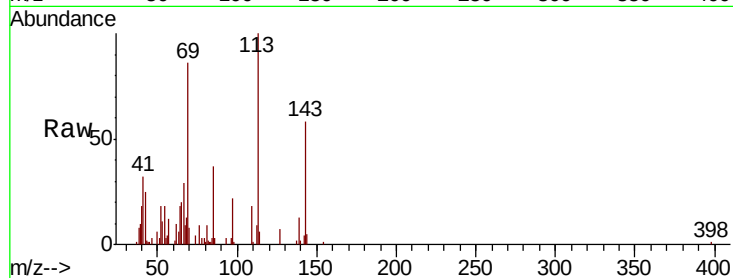
Tot Ion:109 Resp: 4576

Ion Ratio Lower Upper

109 100

139 75.7 47.0 70.6#

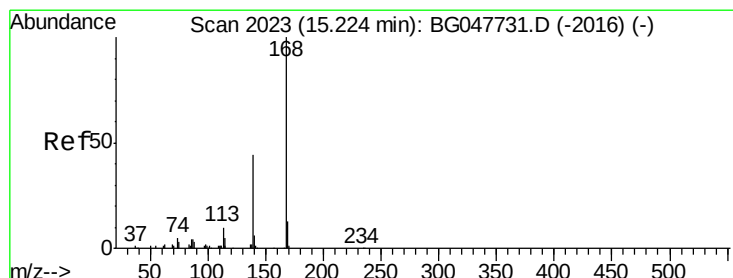
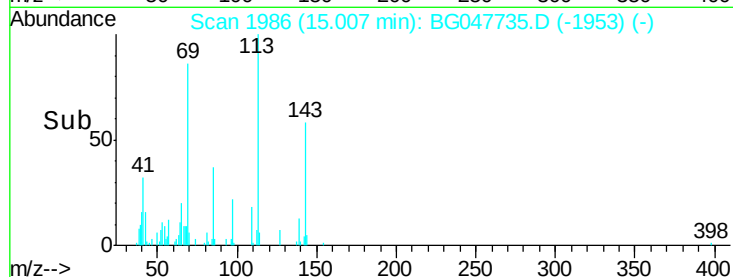
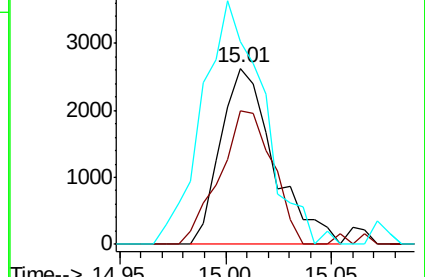
65 115.2 74.7 112.1#



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: 2.754 ng/ul

RT: 15.22 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG047735.D

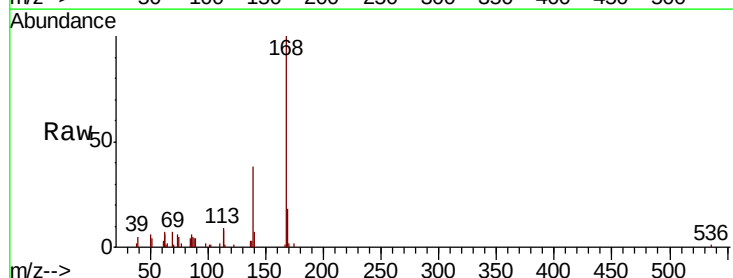
Acq: 14 Dec 2020 13:41

Tgt Ion:168 Resp: 19026

Ion Ratio Lower Upper

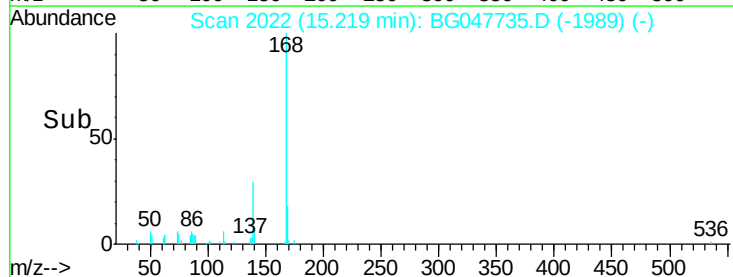
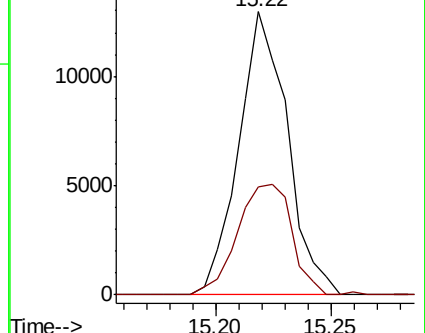
168 100

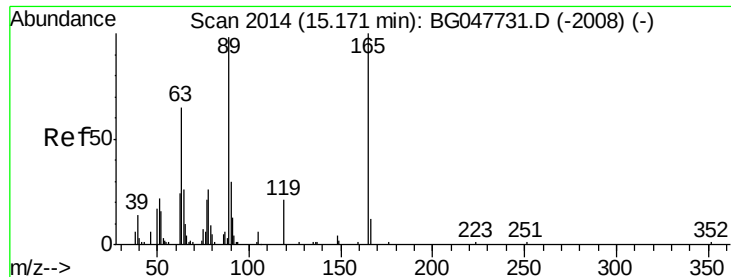
139 38.1 34.0 51.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

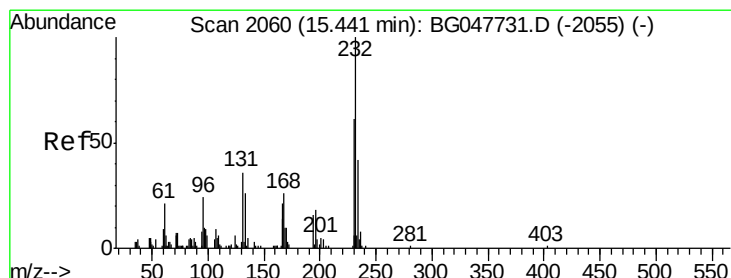
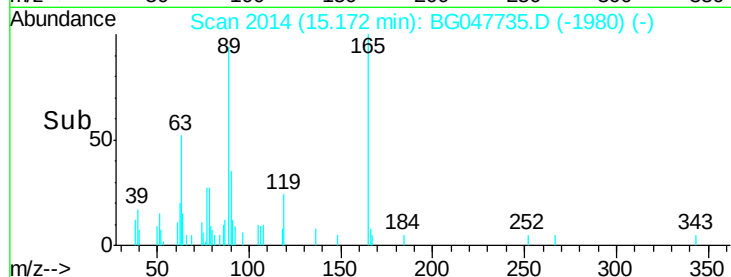
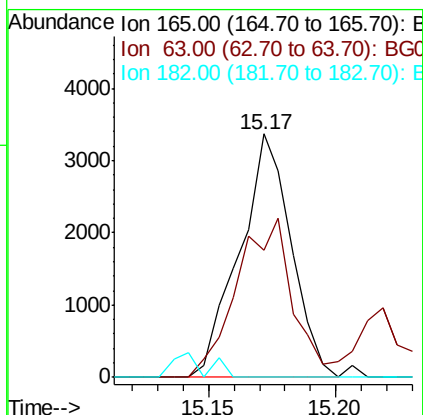
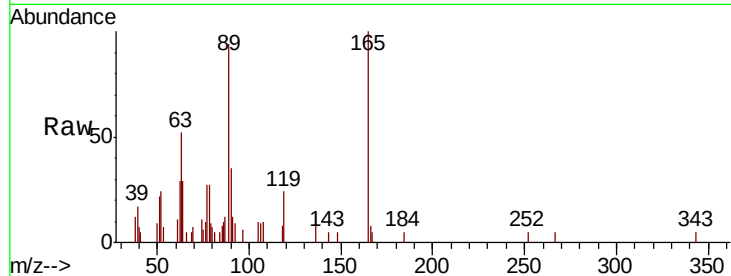




#57
 2,4-Dinitrotoluene
 Concen: 2.478 ng/ul
 RT: 15.17 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

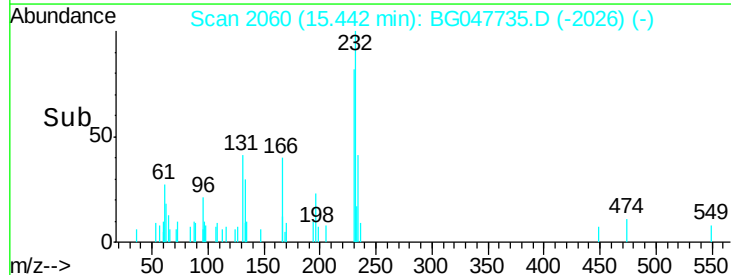
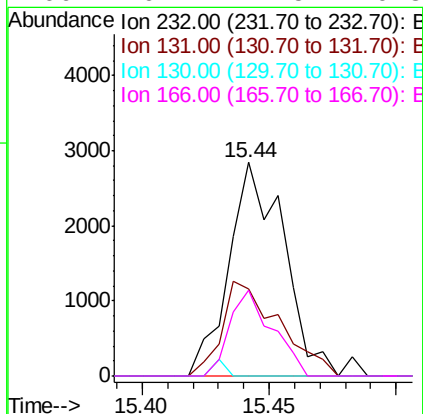
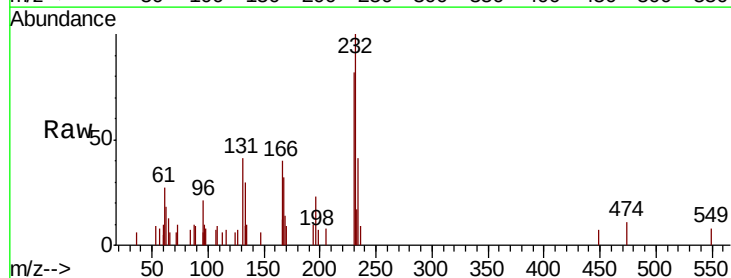
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-03

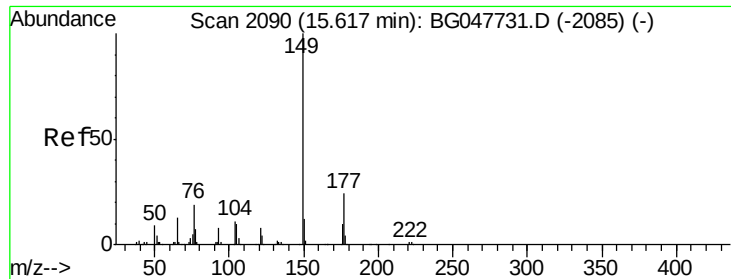
Tot Ion:165 Resp: 4788
 Ion Ratio Lower Upper
 165 100
 63 52.4 54.6 81.8#
 182 0.0 2.6 3.8#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.338 ng/ul
 RT: 15.44 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

Tgt Ion:232 Resp: 4273
 Ion Ratio Lower Upper
 232 100
 131 40.7 31.9 47.9
 130 0.0 3.0 4.6#
 166 40.1 17.5 26.3#





#59

Diethylphthalate

Concen: 2.797 ng/ul

RT: 15.61 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

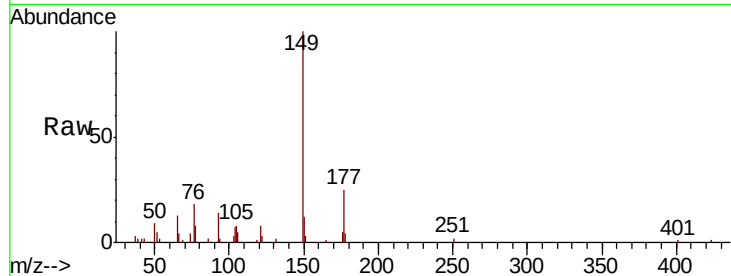
Tot Ion:149 Resp: 17666

Ion Ratio Lower Upper

149 100

177 24.9 20.6 31.0

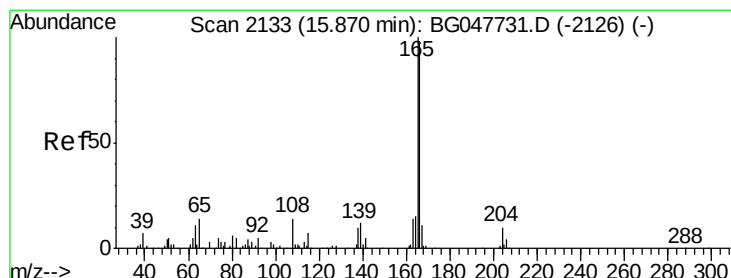
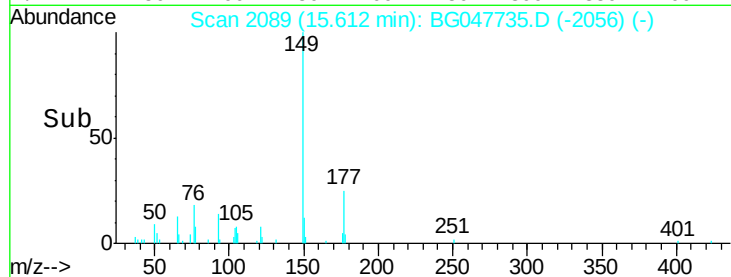
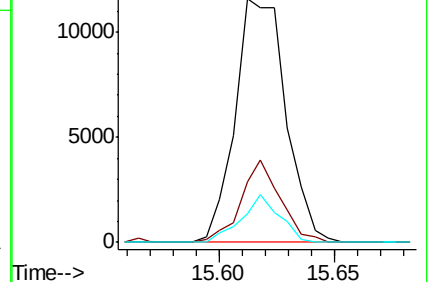
150 11.9 11.1 16.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

Fluorene

Concen: 2.989 ng/ul

RT: 15.87 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

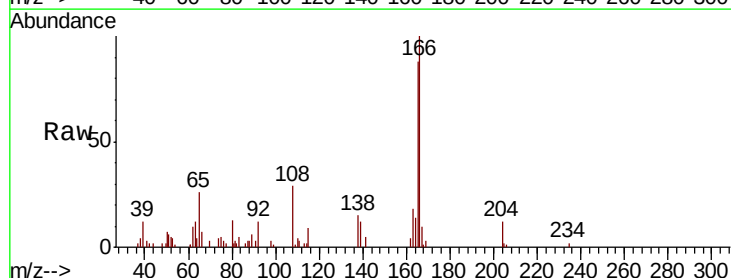
Tgt Ion:166 Resp: 17748

Ion Ratio Lower Upper

166 100

165 88.4 75.4 113.2

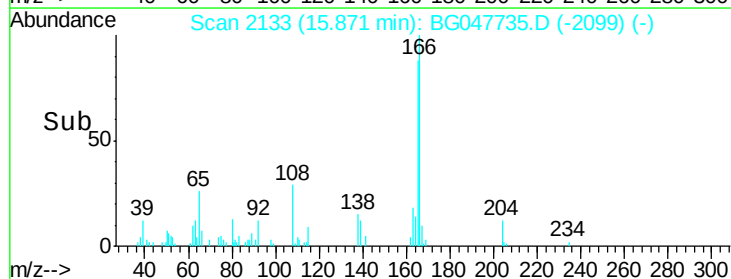
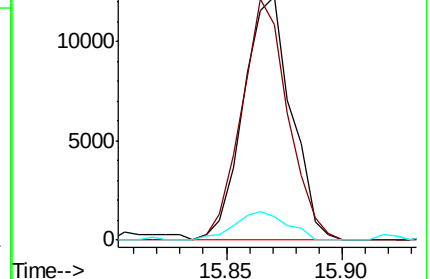
167 9.6 12.3 18.5#

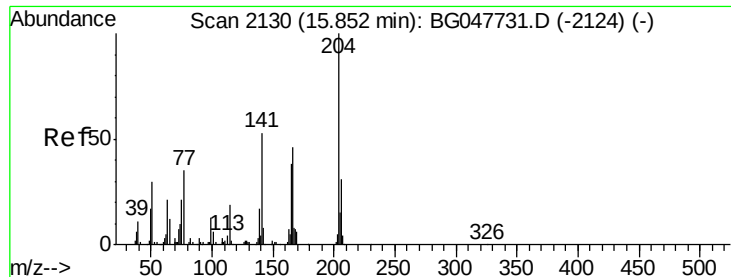


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

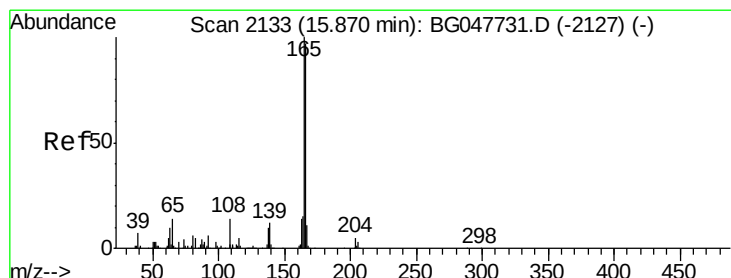
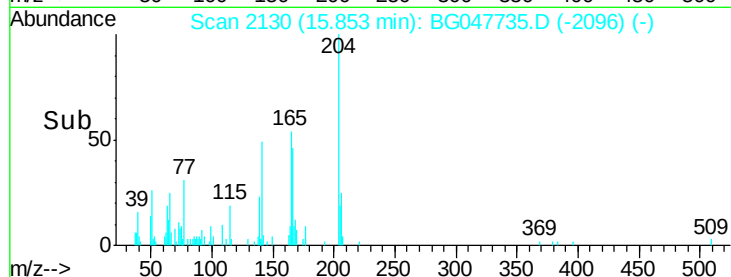
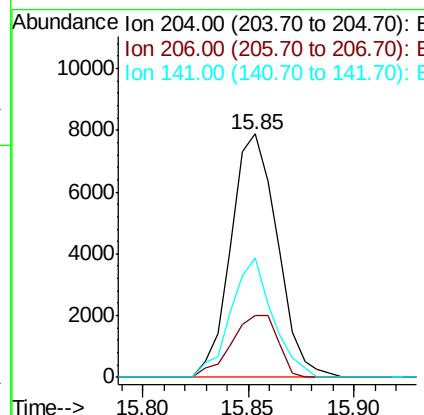
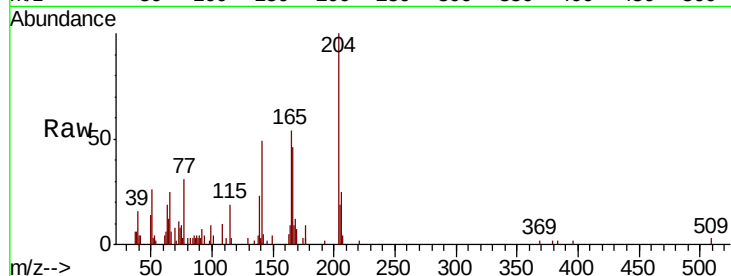




#62
4-Chlorophenyl-phenylether
Concen: 3.230 ng/ul
RT: 15.85 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

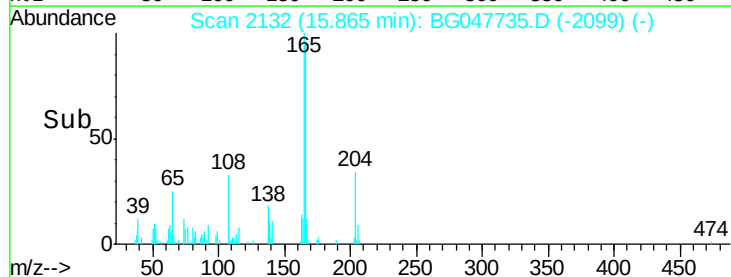
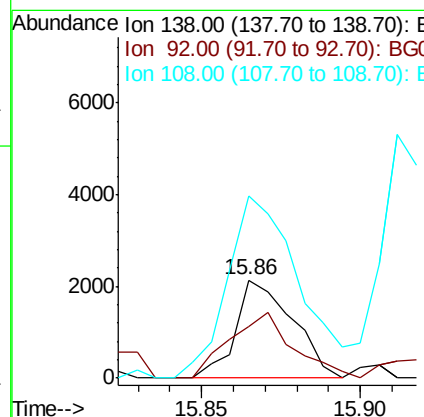
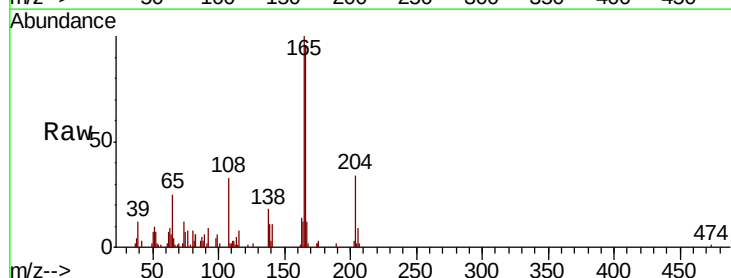
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-03

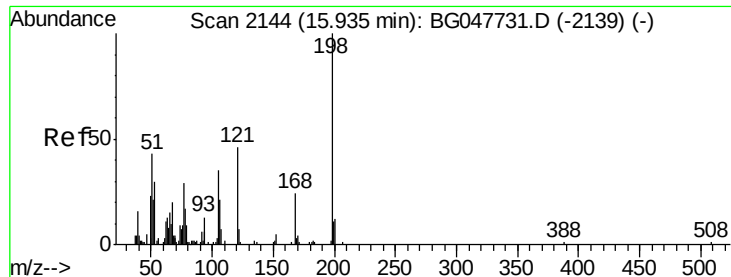
Tot Ion:204 Resp: 11996
Ion Ratio Lower Upper
204 100
206 25.2 26.2 39.2#
141 49.2 40.9 61.3



#63
4-Nitroaniline
Concen: 2.927 ng/ul
RT: 15.86 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Tgt Ion:138 Resp: 2664
Ion Ratio Lower Upper
138 100
92 53.0 31.9 47.9#
108 186.9 109.1 163.7#





#66

4,6-Dinitro-2-methylphenol

Concen: 2.681 ng/ul m

RT: 15.92 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

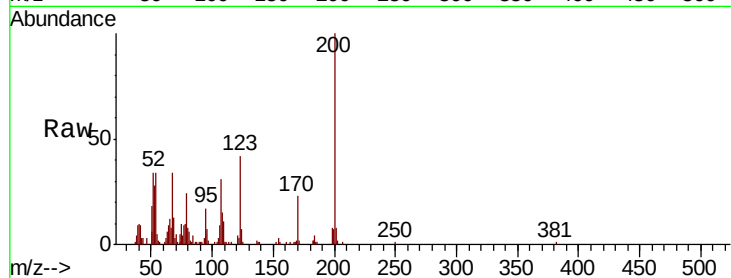
Tot Ion:198 Resp: 3681

Ion Ratio Lower Upper

198 100

182 20.0 2.9 4.3#

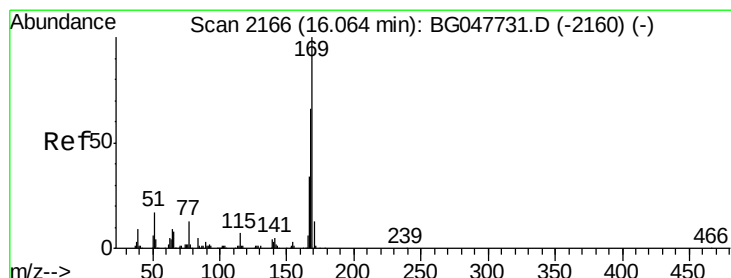
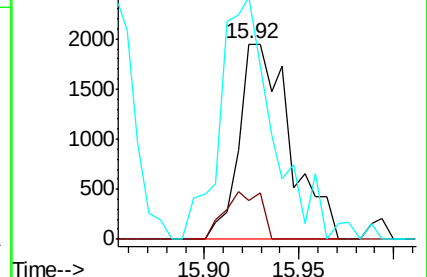
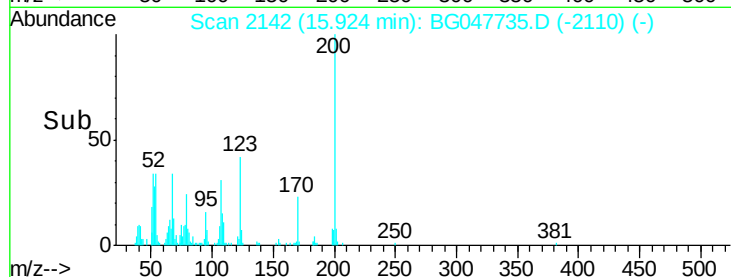
77 124.1 26.1 39.1#



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: 2.668 ng/ul

RT: 16.06 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

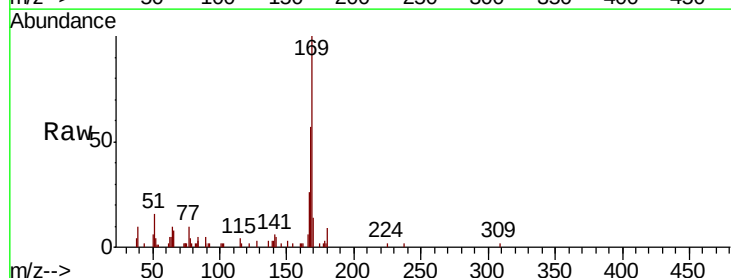
Tgt Ion:169 Resp: 14671

Ion Ratio Lower Upper

169 100

168 57.0 53.8 80.8

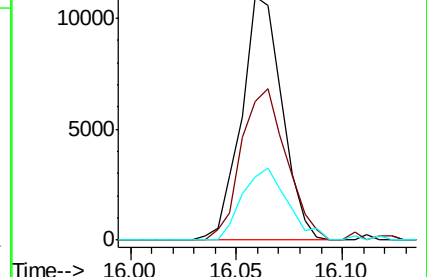
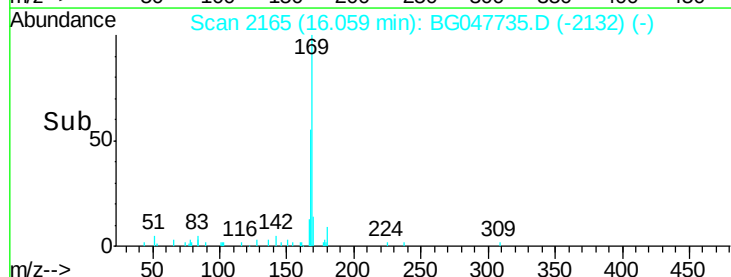
167 25.9 29.8 44.8#

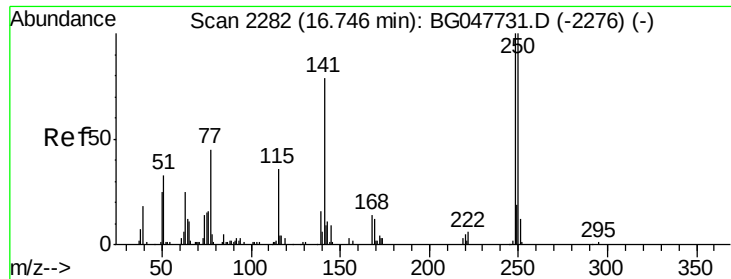


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

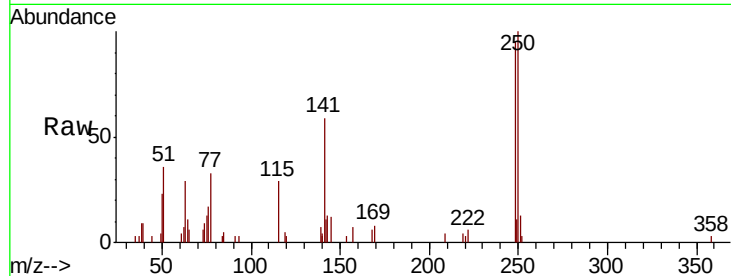




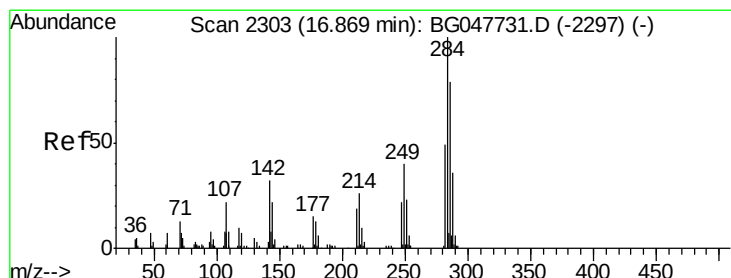
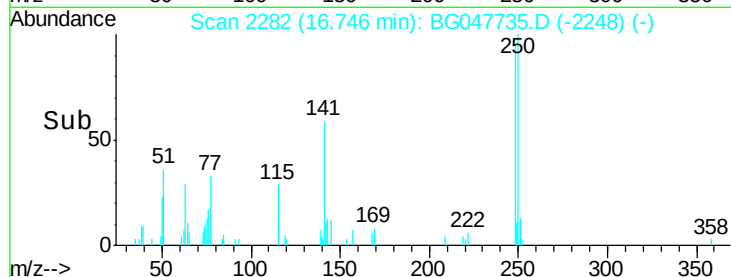
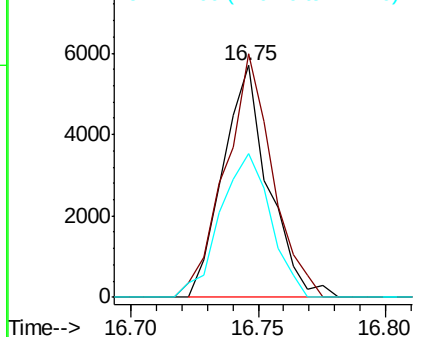
#68
4-Bromophenyl-phenylether
Concen: 2.804 ng/ul
RT: 16.75 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-03

Tot Ion:248 Resp: 7117
Ion Ratio Lower Upper
248 100
250 105.0 77.2 115.8
141 61.8 61.8 92.6

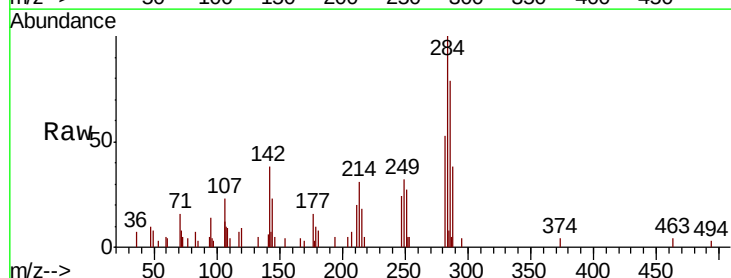


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

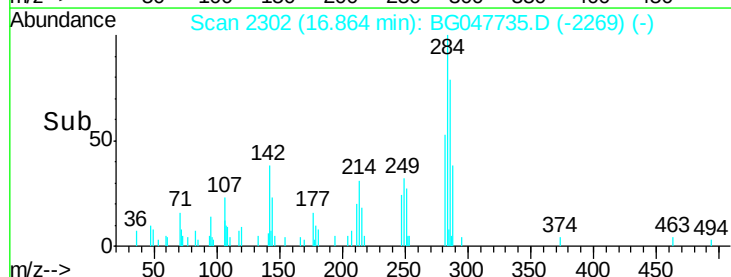
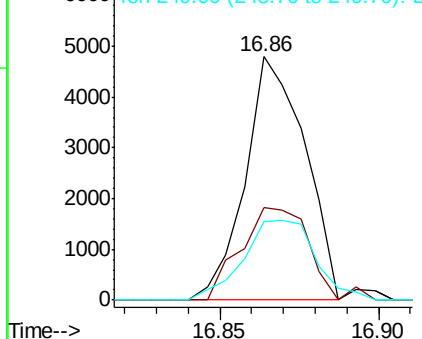


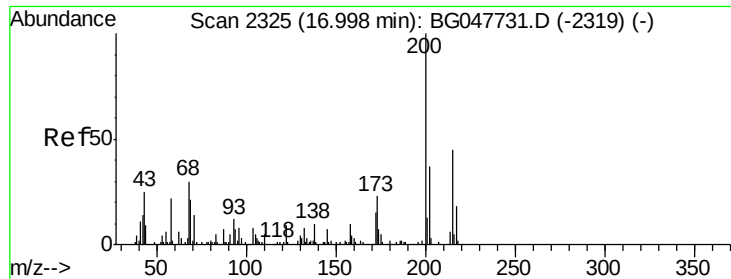
#69
Hexachlorobenzene
Concen: 2.247 ng/ul
RT: 16.86 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Tgt Ion:284 Resp: 6260
Ion Ratio Lower Upper
284 100
142 37.9 29.3 43.9
249 32.1 31.7 47.5



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

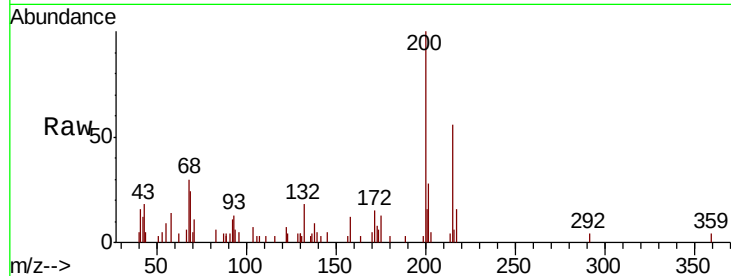




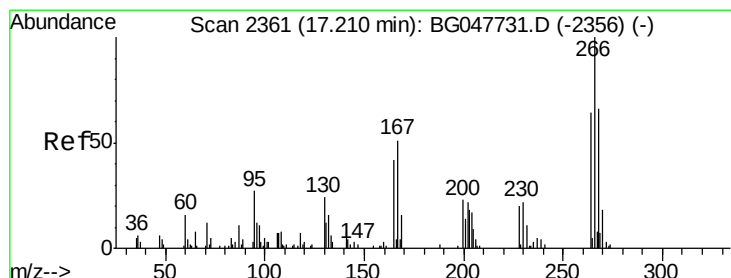
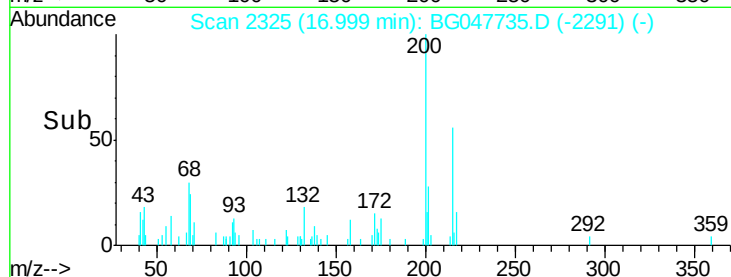
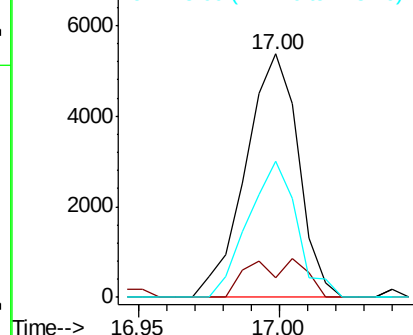
#70
Atrazine
Concen: 2.651 ng/ul
RT: 17.00 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-03

Tot Ion	Ratio	Lower	Upper
200	100		
173	7.8	14.9	22.3#
215	56.0	42.5	63.7

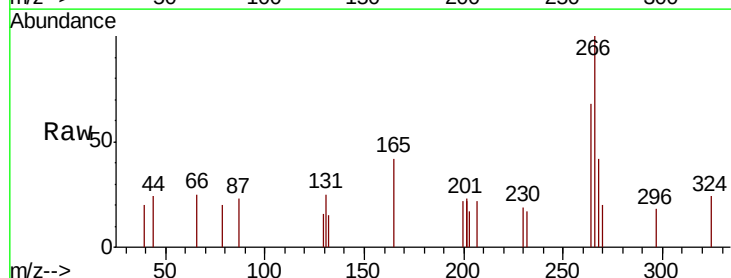


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

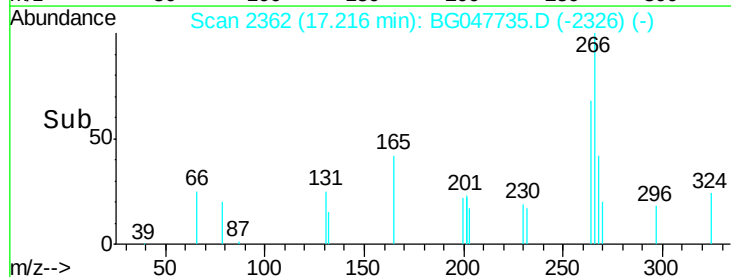
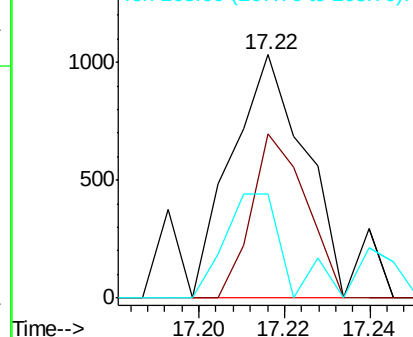


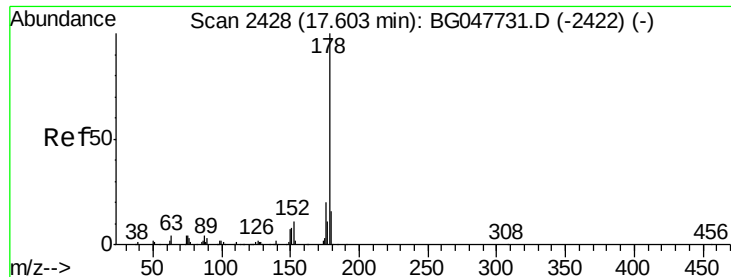
#71
Pentachlorophenol
Concen: 0.938 ng/ul m
RT: 17.22 min Scan# 2362
Delta R.T. 0.01 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.7	56.8	85.2
268	42.5	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: 2.831 ng/ul m

RT: 17.60 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

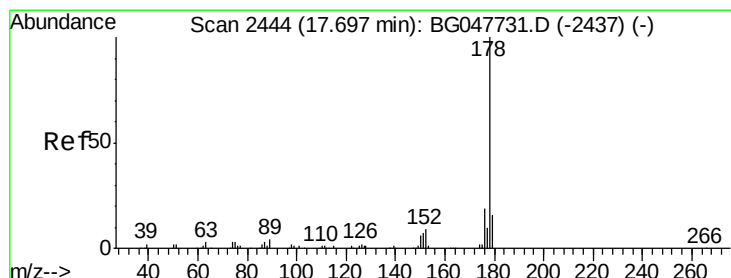
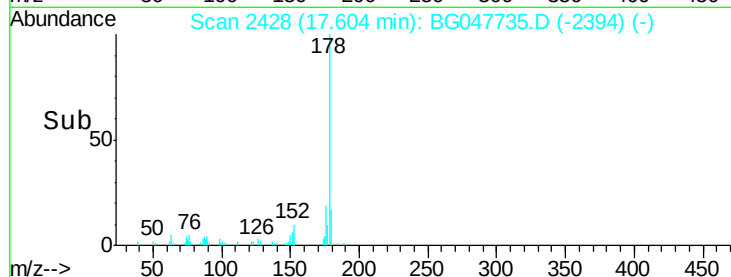
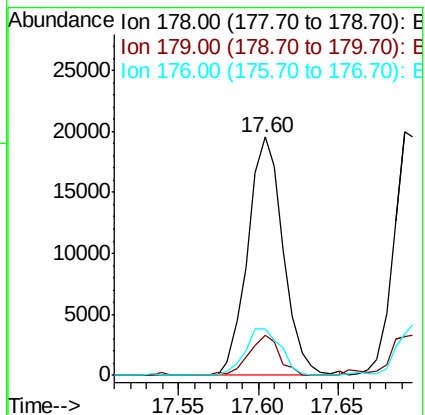
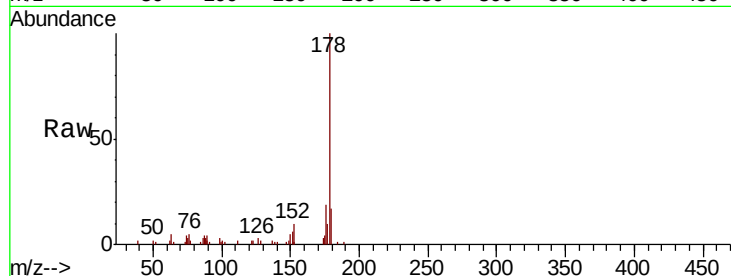
Tot Ion:178 Resp: 30380

Ion Ratio Lower Upper

178 100

179 16.6 13.5 20.3

176 19.4 15.3 22.9



#74

Anthracene

Concen: 2.842 ng/ul

RT: 17.69 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

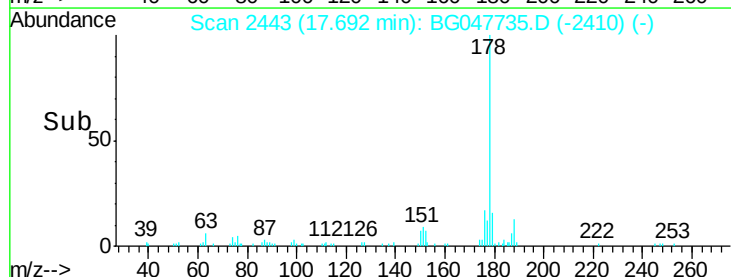
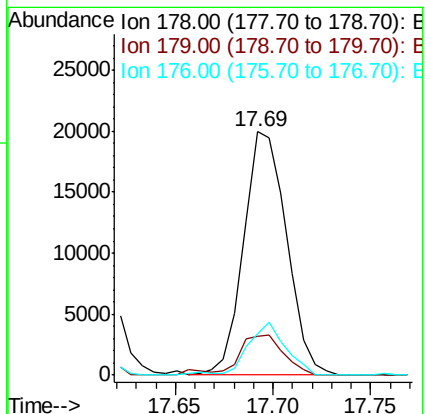
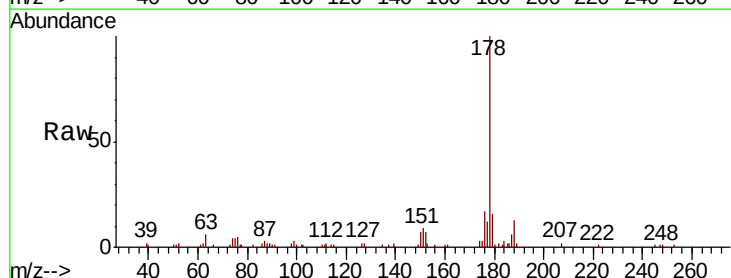
Tgt Ion:178 Resp: 30472

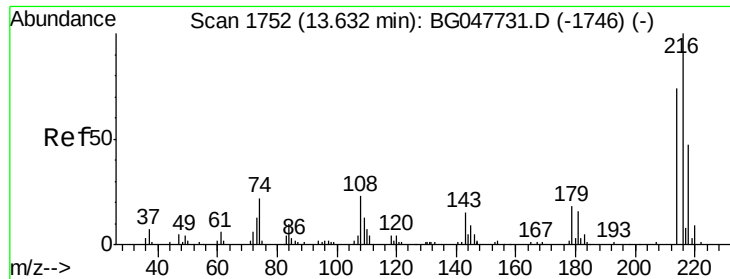
Ion Ratio Lower Upper

178 100

179 15.7 12.0 18.0

176 16.9 15.4 23.2

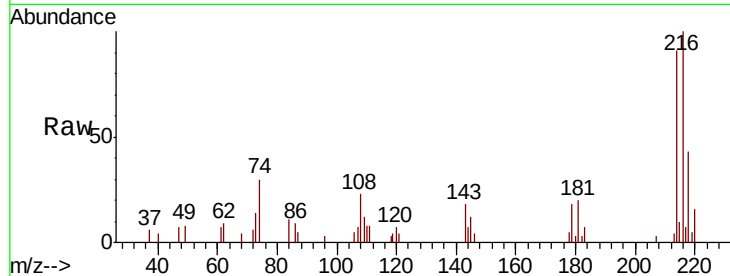




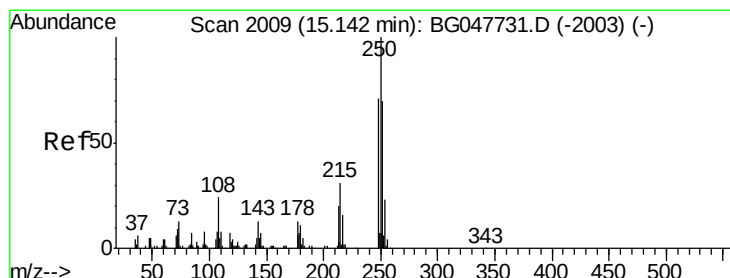
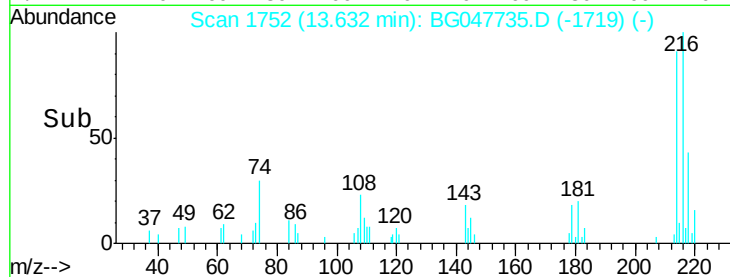
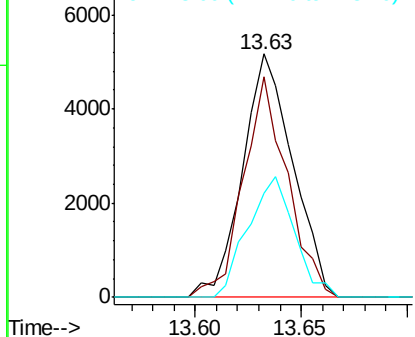
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 2.664 ng/uL
 RT: 13.63 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-03

Tot Ion:216 Resp: 8535
 Ion Ratio Lower Upper
 216 100
 214 90.8 58.6 87.8#
 218 43.0 40.1 60.1

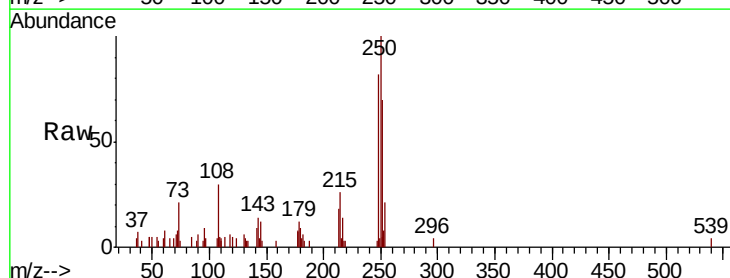


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

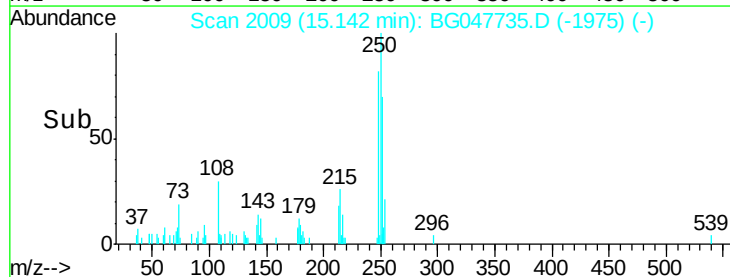
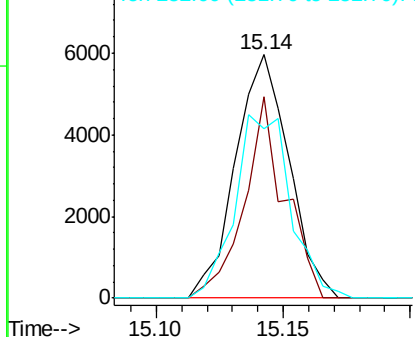


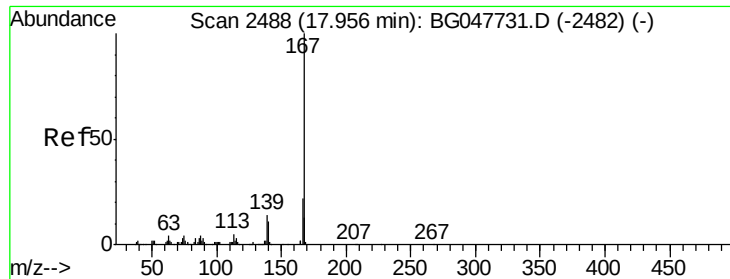
#76
 Pentachlorobenzene
 Concen: 2.803 ng/uL
 RT: 15.14 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BG047735.D
 Acq: 14 Dec 2020 13:41

Tgt Ion:250 Resp: 8762
 Ion Ratio Lower Upper
 250 100
 248 82.5 49.4 74.0#
 252 69.6 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: 2.805 ng/ul m

RT: 17.96 min Scan# 2489

Delta R.T. 0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

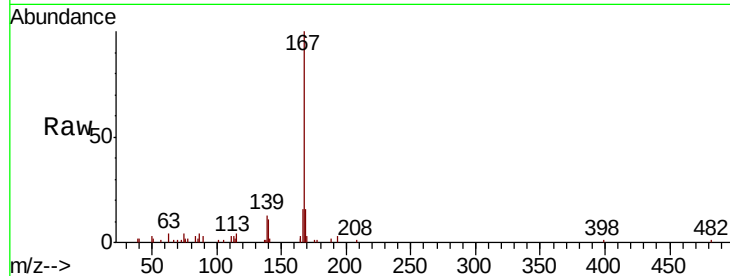
Tot Ion:167 Resp: 24514

Ion Ratio Lower Upper

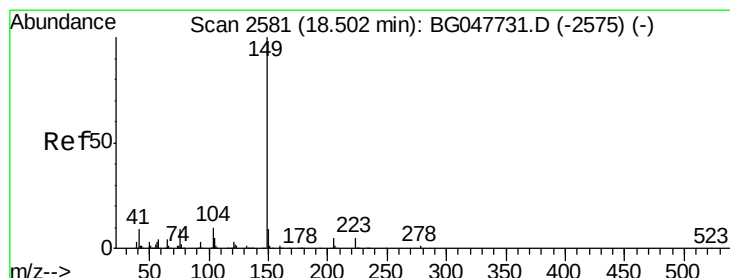
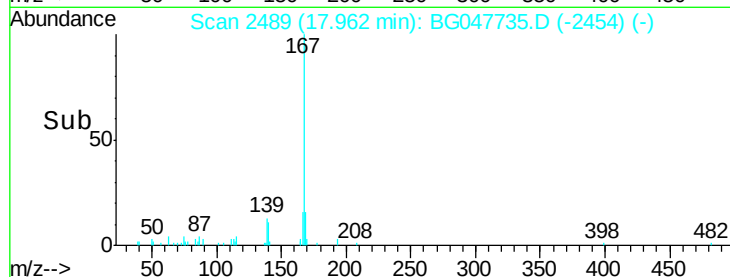
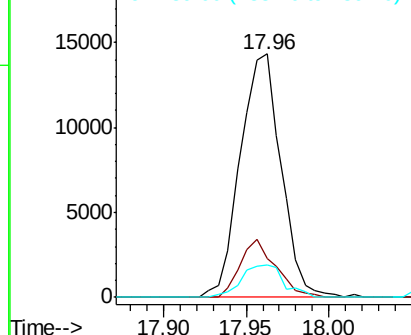
167 100

166 15.7 17.6 26.4#

139 13.1 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: 2.708 ng/ul m

RT: 18.50 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

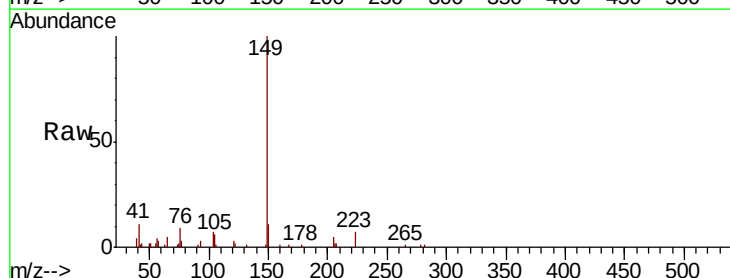
Tgt Ion:149 Resp: 29030

Ion Ratio Lower Upper

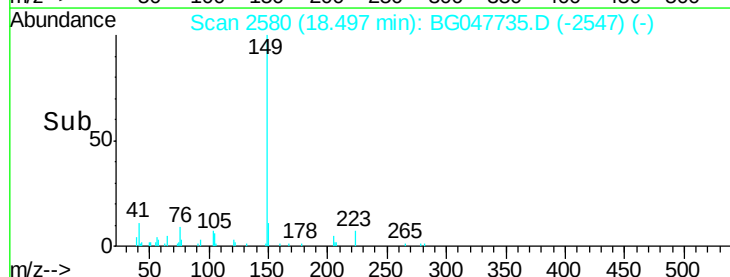
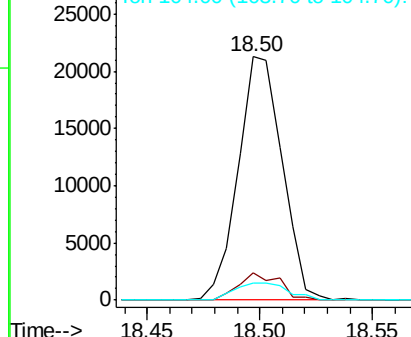
149 100

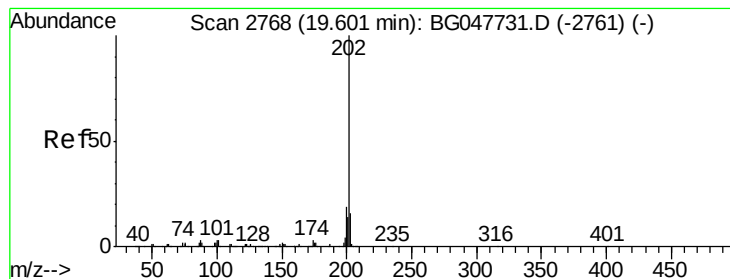
150 11.4 7.3 10.9#

104 6.9 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: 2.607 ng/ul m

RT: 19.60 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

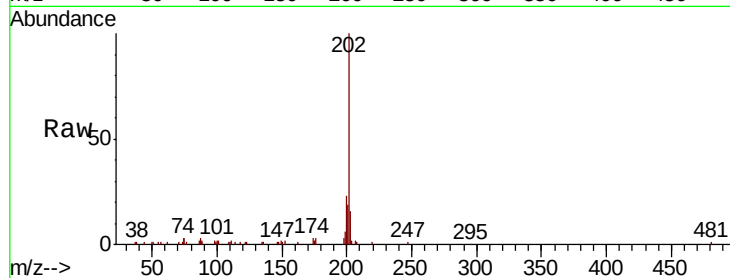
Tot Ion:202 Resp: 43330

Ion Ratio Lower Upper

202 100

101 2.3 2.8 4.2#

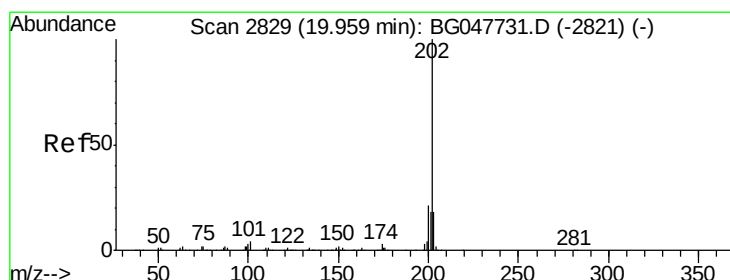
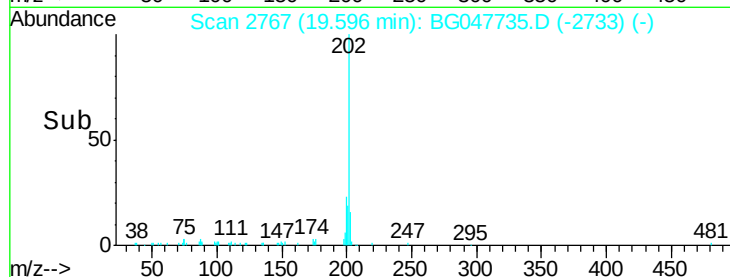
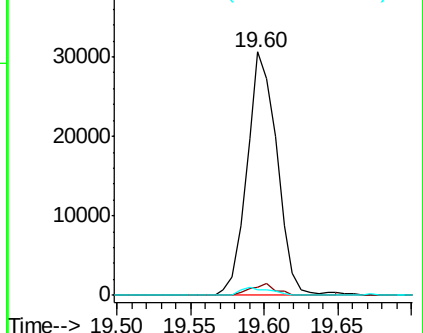
100 2.3 2.3 3.5#



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: 2.744 ng/ul m

RT: 19.96 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

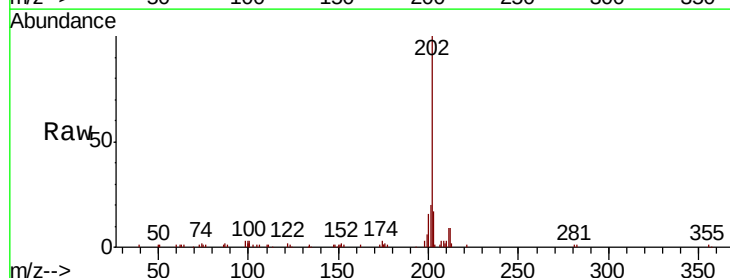
Tgt Ion:202 Resp: 45026

Ion Ratio Lower Upper

202 100

101 2.5 3.8 5.6#

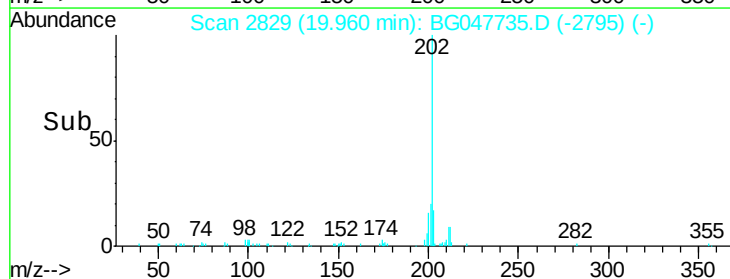
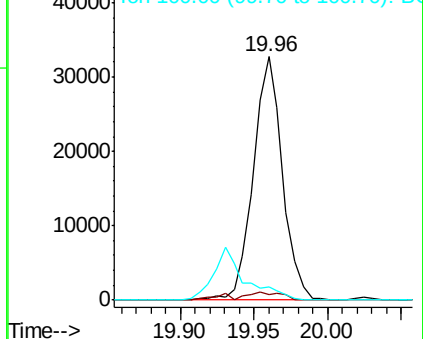
100 3.1 3.0 4.6

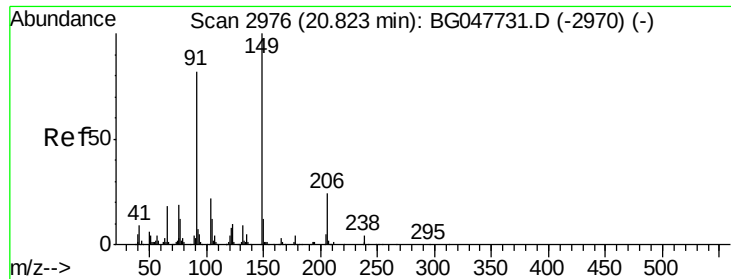


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

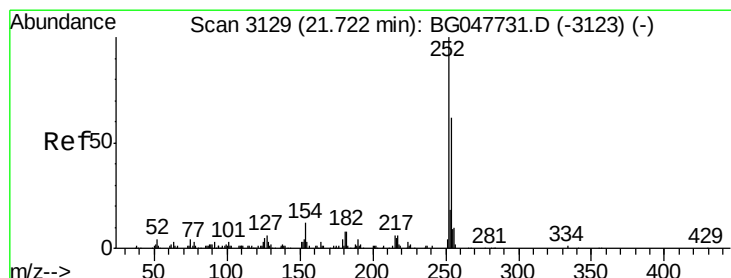
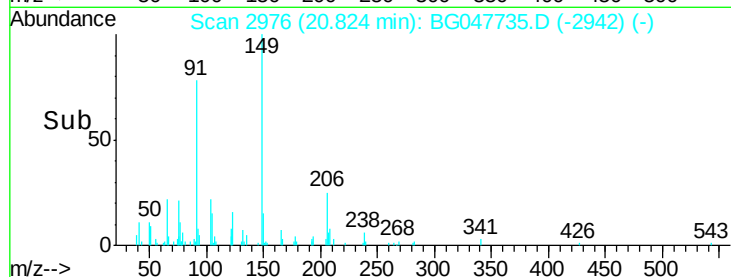
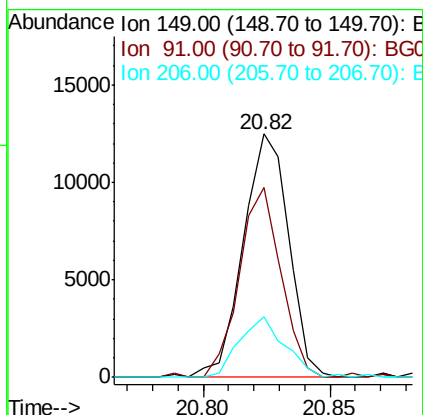
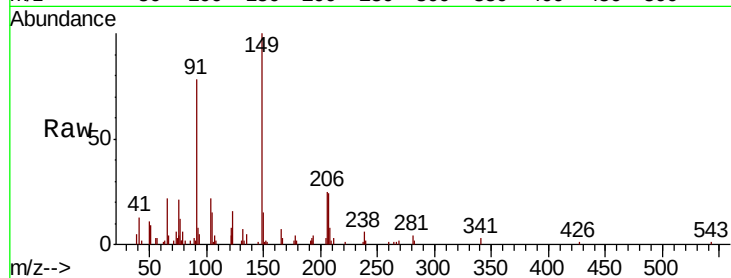




#83
Butylbenzylphthalate
Concen: 2.721 ng/ul
RT: 20.82 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

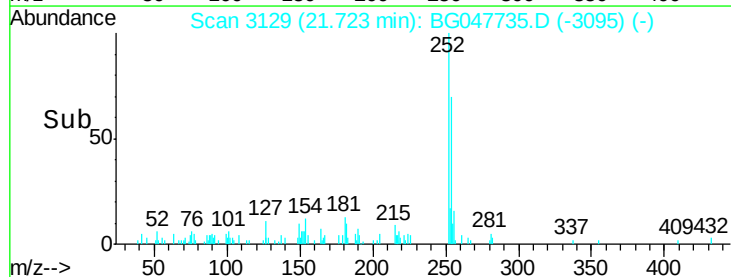
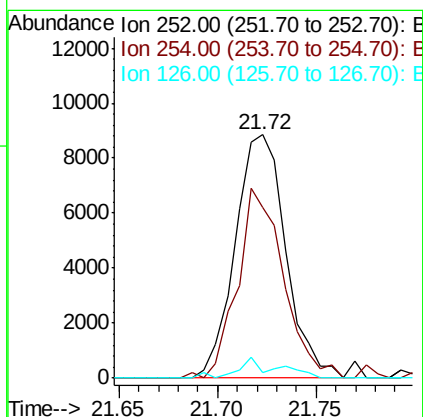
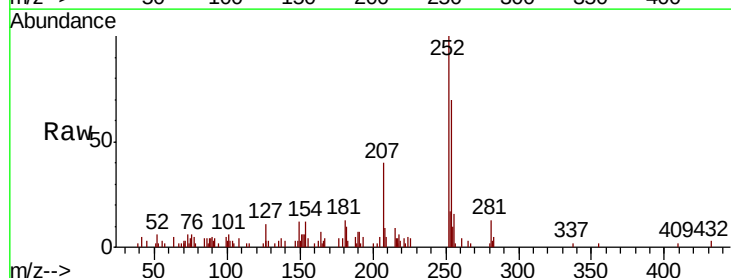
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-03

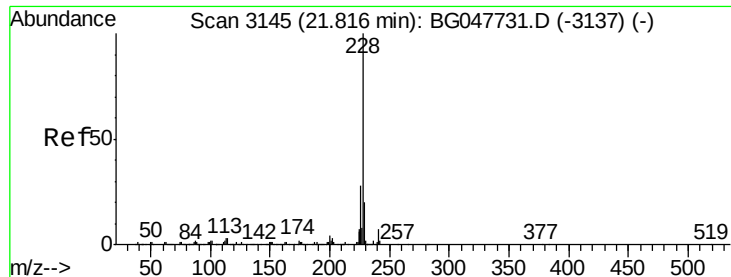
Tot Ion:149 Resp: 15576
Ion Ratio Lower Upper
149 100
91 78.1 64.6 97.0
206 25.0 20.3 30.5



#84
3,3'-Dichlorobenzidine
Concen: 2.645 ng/ul m
RT: 21.72 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG047735.D
Acq: 14 Dec 2020 13:41

Tgt Ion:252 Resp: 15795
Ion Ratio Lower Upper
252 100
254 70.3 46.9 70.3#
126 2.5 3.8 5.8#





#85

Benzo(a)anthracene

Concen: 2.703 ng/ul m

RT: 21.82 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

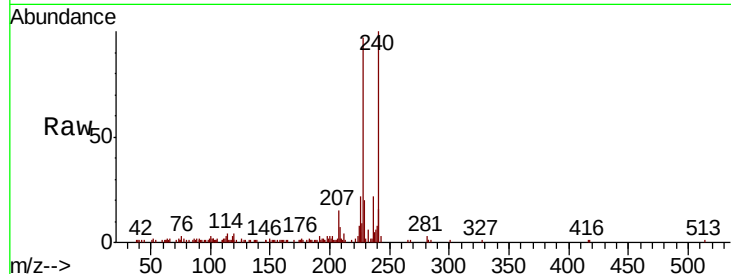
Tot Ion:228 Resp: 46281

Ion Ratio Lower Upper

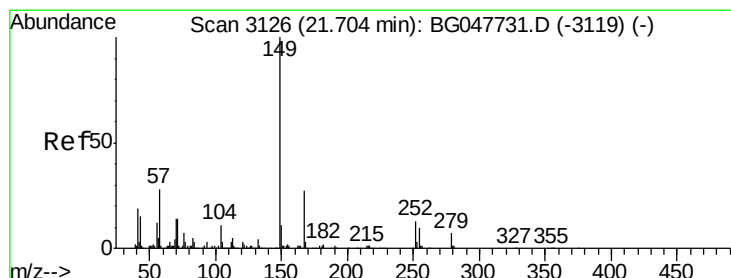
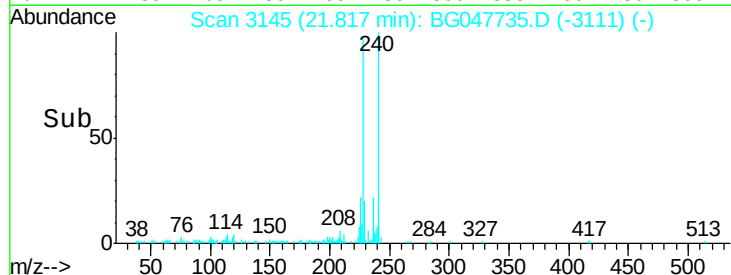
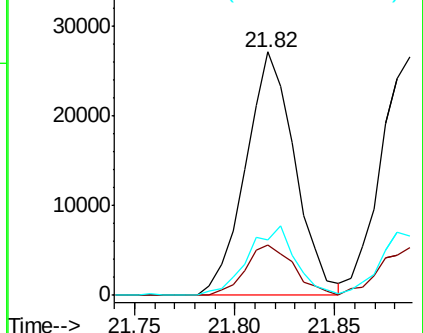
228 100

229 20.8 16.2 24.4

226 23.0 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: 2.741 ng/ul m

RT: 21.70 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

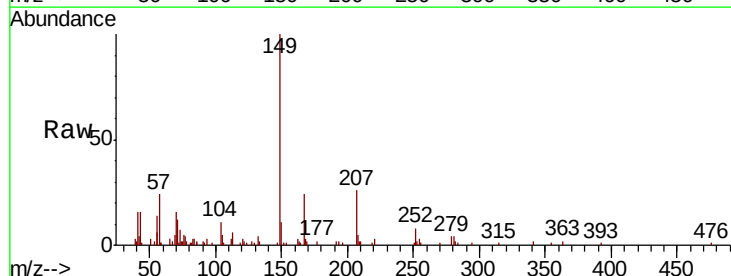
Tgt Ion:149 Resp: 21631

Ion Ratio Lower Upper

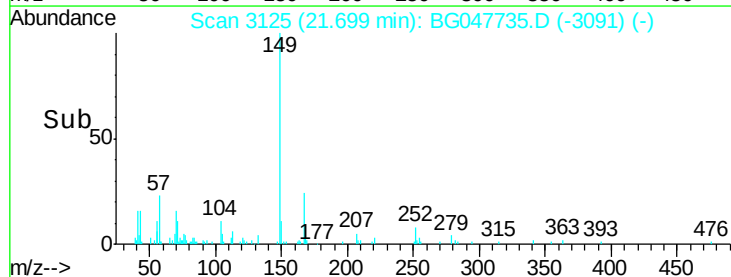
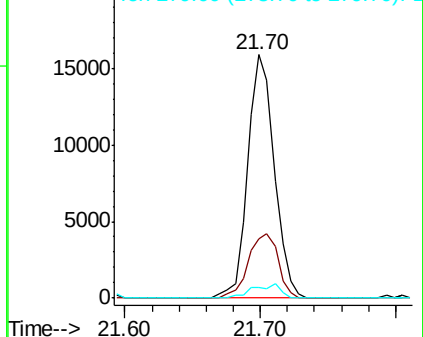
149 100

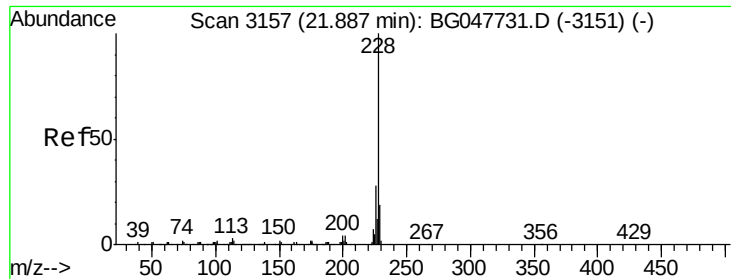
167 24.3 25.1 37.7#

279 4.2 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: 2.805 ng/ul

RT: 21.89 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

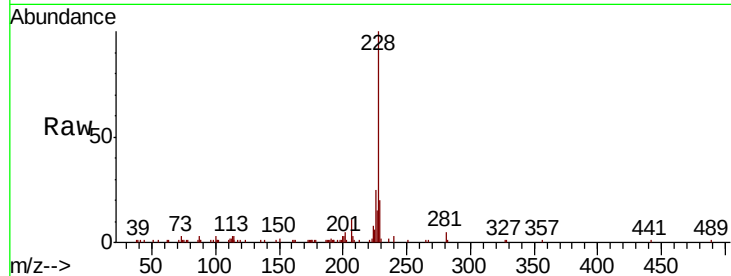
Tot Ion:228 Resp: 45572

Ion Ratio Lower Upper

228 100

226 25.0 23.0 34.6

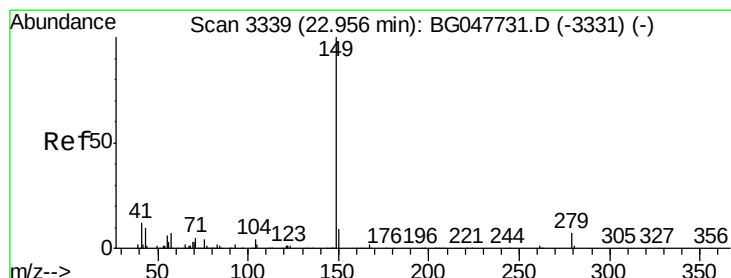
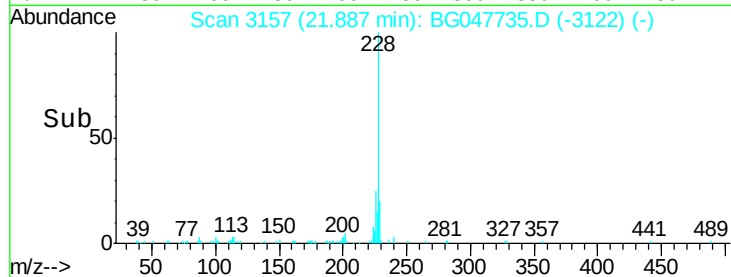
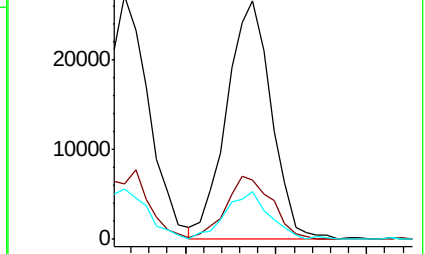
229 19.8 16.2 24.2



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: 2.800 ng/ul

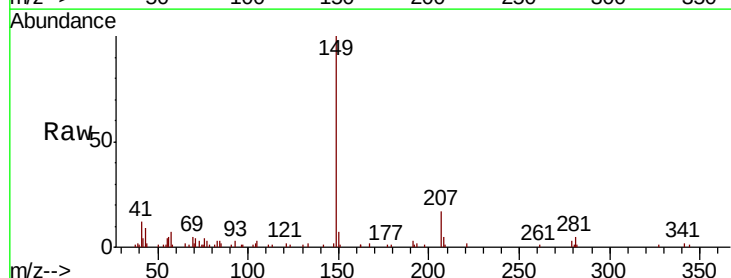
RT: 22.96 min Scan# 3339

Delta R.T. -0.00 min

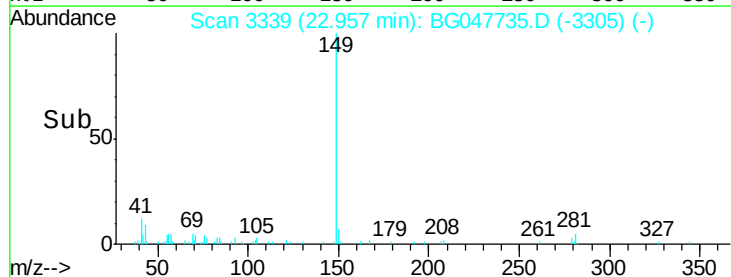
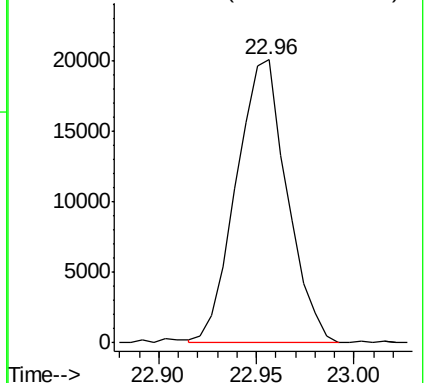
Lab File: BG047735.D

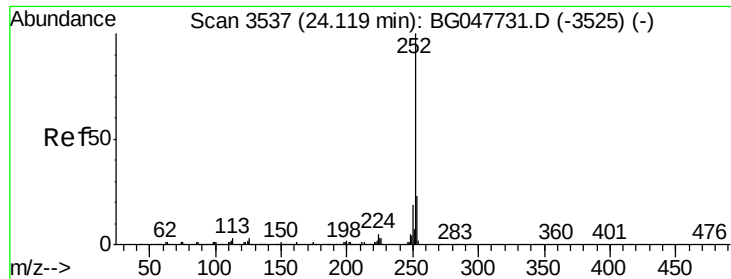
Acq: 14 Dec 2020 13:41

Tgt Ion:149 Resp: 36221



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 2.877 ng/ul

RT: 24.11 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

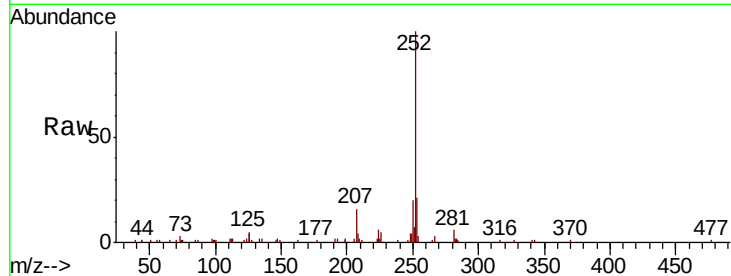
Tot Ion:252 Resp: 49413

Ion Ratio Lower Upper

252 100

253 21.3 16.6 24.8

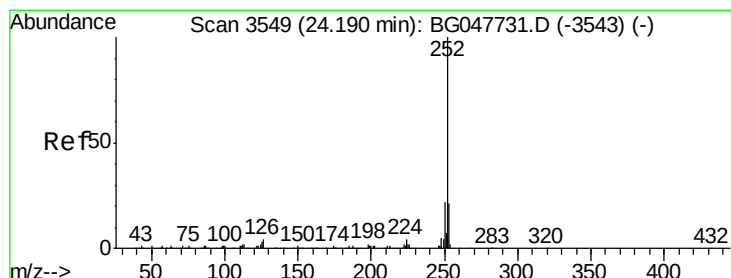
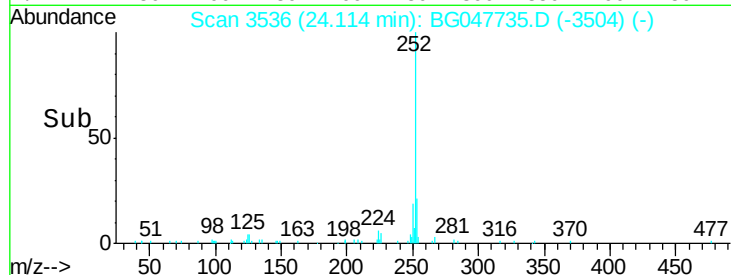
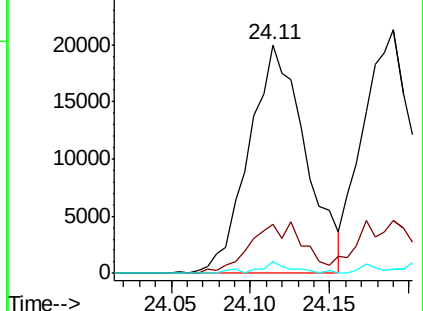
125 5.2 1.8 2.8#



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: 2.817 ng/ul

RT: 24.19 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

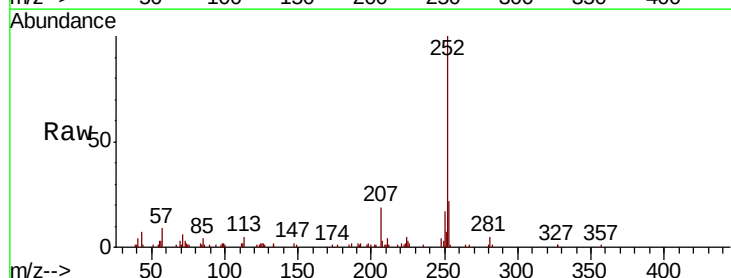
Tgt Ion:252 Resp: 47801

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

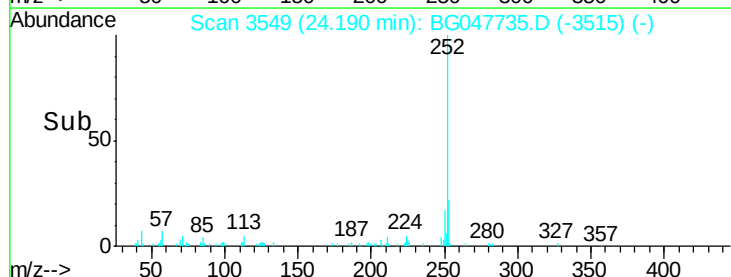
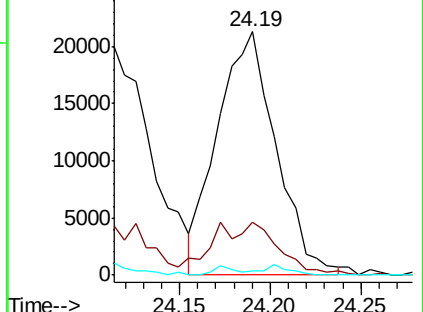
125 1.7 2.2 3.2#

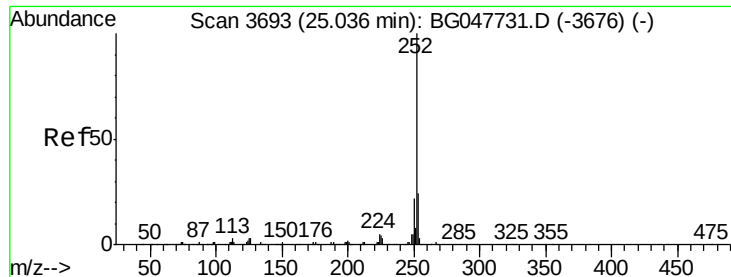


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 2.649 ng/ul

RT: 25.03 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-03

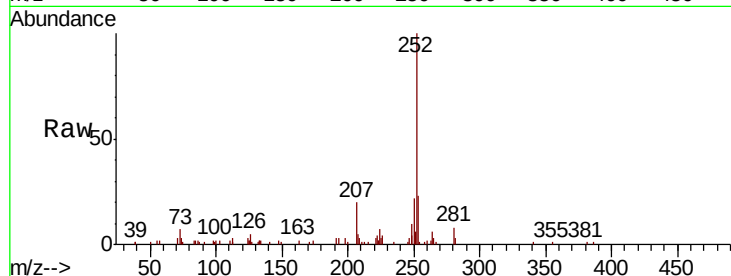
Tot Ion:252 Resp: 40137

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

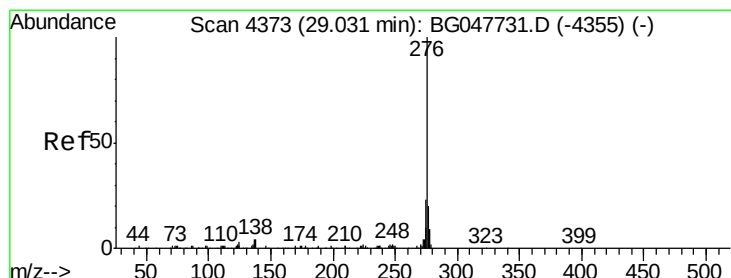
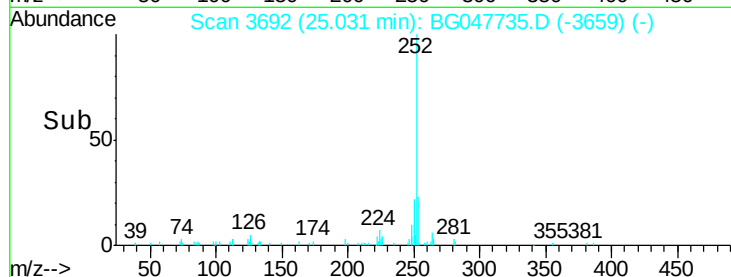
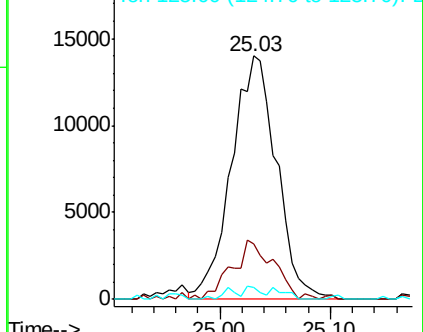
125 4.8 2.6 4.0#



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: 2.853 ng/ul m

RT: 29.02 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

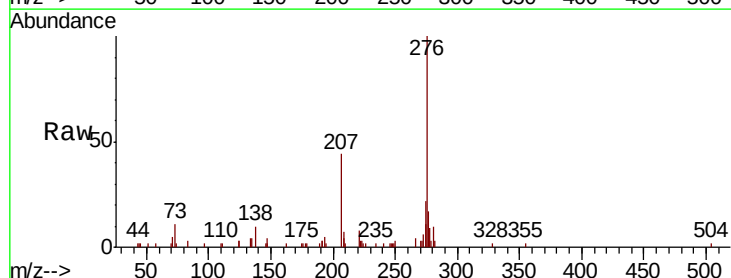
Tgt Ion:276 Resp: 53491

Ion Ratio Lower Upper

276 100

138 9.7 5.1 7.7#

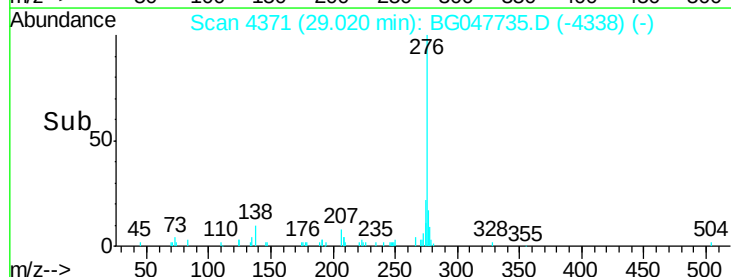
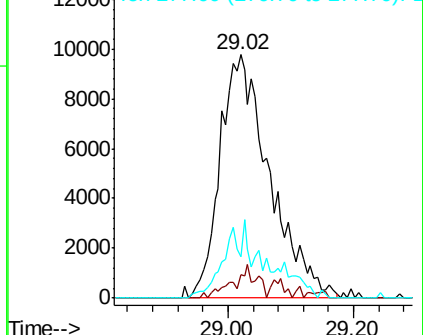
277 16.8 18.4 27.6#

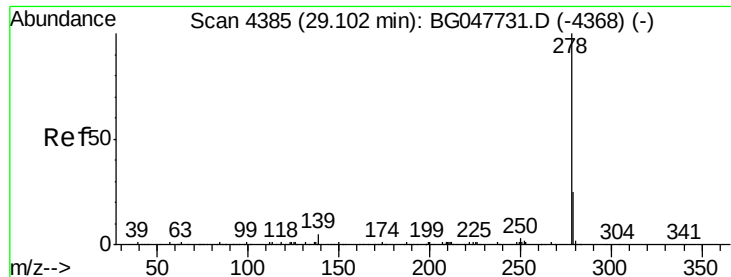


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 2.839 ng/ul

RT: 29.10 min Scan# 4384

Delta R.T. -0.00 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Instrument :

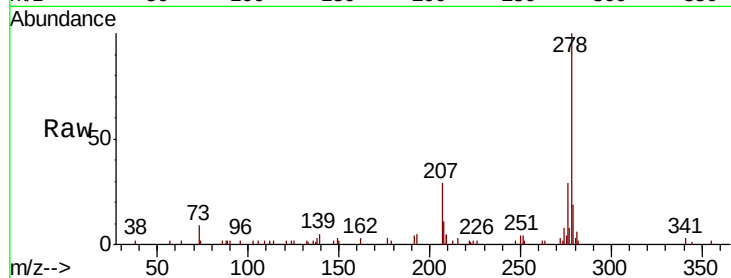
BNA_G

ClientSampleId :

MDL-ME-SOIL-03

Tot Ion:278 Resp: 44196

Ion	Ratio	Lower	Upper
278	100		
139	4.9	3.5	5.3
279	18.9	18.6	28.0

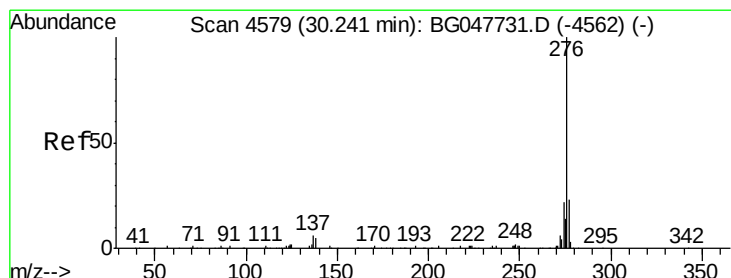
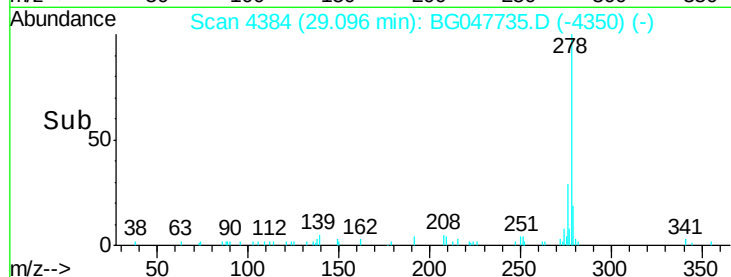
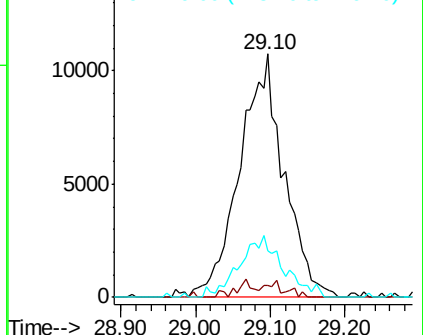


Abundance

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: 2.877 ng/ul m

RT: 30.22 min Scan# 4576

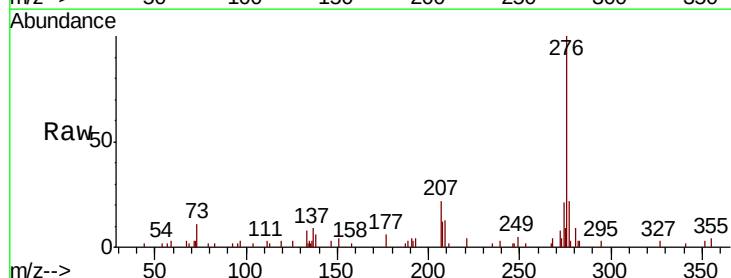
Delta R.T. -0.02 min

Lab File: BG047735.D

Acq: 14 Dec 2020 13:41

Tgt Ion:276 Resp: 44415

Ion	Ratio	Lower	Upper
276	100		
138	5.8	4.2	6.4
277	21.7	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

