

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121420\
 Data File : BG047733.D
 Acq On : 14 Dec 2020 12:20
 Operator : CG/JU
 Sample : L4485-16
 Misc : ME-SOIL-02
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Dec 14 15:01:17 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	25292	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	101041	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	75259	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	199705	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	234142	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	238280	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2804m	4.88	ng/uL	0.00
4) Pyridine-d5	3.95	84	38153	23.38	ng/ul	0.00
7) Phenol-d5	7.34	99	68582	32.32	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	38070	34.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	52785	32.90	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	55880	34.63	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	26884	31.62	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	31596	32.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	60776	29.73	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	73068	30.71	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	209670	33.76	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	253139	35.64	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	30225	31.95	ng/ul	0.00
60) Fluorene-d10	15.81	176	191914	33.10	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	41061	30.04	ng/ul	0.00
73) Anthracene-d10	17.66	188	314467	32.39	ng/ul	0.00
81) Pyrene-d10	19.93	212	403868	31.86	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	404012	30.21	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	489	0.824	ng/uL# 81
5) Pyridine	3.98	79	4252m	2.778	ng/ul
6) Benzaldehyde	7.34	77	5280m	5.416	ng/ul
8) Phenol	7.37	94	5938	2.848	ng/ul# 93
10) Bis(2-Chloroethyl)ether	7.61	93	4281	2.952	ng/ul# 85
12) 2-Chlorophenol	7.77	128	4657	2.926	ng/ul# 90
13) 2-Methylphenol	8.63	108	4262	2.687	ng/ul 90
14) 2,2'-oxybis(1-Chloropropan	8.74	45	3317	2.458	ng/ul 93
16) Acetophenone	9.03	105	7673	2.831	ng/ul 98
17) N-Nitroso-di-n-propylamine	9.01	70	3887	2.612	ng/ul# 85
18) 4-Methylphenol	8.97	108	4991	2.867	ng/ul 95
19) Hexachloroethane	9.30	117	2440	3.130	ng/ul# 81
22) Nitrobenzene	9.41	77	7262m	2.869	ng/ul
23) Isophorone	9.94	82	11618	2.642	ng/ul# 93
25) 2-Nitrophenol	10.14	139	3208	3.172	ng/ul# 84
26) 2,4-Dimethylphenol	10.18	107	6367	2.682	ng/ul 96
27) Bis(2-Chloroethoxy)methane	10.41	93	4948	2.358	ng/ul# 72
29) 2,4-Dichlorophenol	10.66	162	5159	2.751	ng/ul# 85
30) Naphthalene	11.08	128	15265	2.734	ng/ul# 95
32) 4-Chloroaniline	11.18	127	5791	2.546	ng/ul 96
33) Hexachlorobutadiene	11.37	225	5573	2.767	ng/ul# 77
34) Caprolactam	11.95	113	1544	2.430	ng/ul# 80

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	4820	2.332	ng/ul#	72
36) 2-Methylnaphthalene	12.67	142	11687	2.774	ng/ul	97
37) 1-Methylnaphthalene	12.89	142	11793	2.930	ng/ul#	88
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	8558	2.761	ng/ul#	81
40) Hexachlorocyclopentadiene	13.01	237	4045	1.991	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.26	196	5141	2.766	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.33	196	5259m	2.672	ng/ul	
43) 1,1'-Biphenyl	13.66	154	17043	2.932	ng/ul#	98
44) 2-Chloronaphthalene	13.71	162	12611	2.756	ng/ul	96
45) 2-Nitroaniline	13.90	65	4172	2.654	ng/ul#	81
47) Dimethylphthalate	14.26	163	18237	2.866	ng/ul#	93
48) 2,6-Dinitrotoluene	14.38	165	3602	2.679	ng/ul#	86
50) Acenaphthylene	14.55	152	17328	2.589	ng/ul#	88
51) 3-Nitroaniline	14.71	138	3234	3.350	ng/ul	96
52) Acenaphthene	14.89	153	14161	2.977	ng/ul#	76
53) 2,4-Dinitrophenol	14.94	184	619	0.776	ng/ul	94
55) 4-Nitrophenol	15.01	109	4334	2.702	ng/ul#	85
56) Dibenzofuran	15.22	168	19566	2.840	ng/ul	96
57) 2,4-Dinitrotoluene	15.17	165	5918	3.071	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.45	232	3721	2.041	ng/ul#	87
59) Diethylphthalate	15.62	149	17810	2.827	ng/ul	96
61) Fluorene	15.87	166	16658	2.813	ng/ul	93
62) 4-Chlorophenyl-phenylether	15.85	204	9604	2.593	ng/ul#	88
63) 4-Nitroaniline	15.86	138	3698	4.074	ng/ul#	83
66) 4,6-Dinitro-2-methylphenol	15.93	198	3915m	2.822	ng/ul	
67) N-Nitrosodiphenylamine	16.06	169	14728	2.650	ng/ul#	85
68) 4-Bromophenyl-phenylether	16.74	248	6597	2.573	ng/ul#	84
69) Hexachlorobenzene	16.87	284	7999	2.842	ng/ul#	85
70) Atrazine	16.99	200	6566	2.480	ng/ul#	90
71) Pentachlorophenol	17.22	266	829	0.627	ng/ul#	78
72) Phenanthrene	17.60	178	30043	2.771	ng/ul	97
74) Anthracene	17.70	178	28164	2.600	ng/ul	96
75) 1,2,3,4-Tetrachlorobenzene	13.64	216	7802	2.411	ng/uL#	73
76) Pentachlorobenzene	15.14	250	8415	2.665	ng/uL#	86
77) Carbazole	17.96	167	25412	2.878	ng/ul	94
78) Di-n-butylphthalate	18.50	149	28329	2.616	ng/ul#	94
80) Fluoranthene	19.60	202	43438	2.707	ng/ul#	96
82) Pyrene	19.96	202	43726	2.760	ng/ul#	96
83) Butylbenzylphthalate	20.82	149	13925	2.520	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.72	252	16962	2.942	ng/ul#	93
85) Benzo(a)anthracene	21.82	228	44823	2.712	ng/ul	95
86) Bis(2-ethylhexyl)phthalate	21.70	149	20251	2.658	ng/ul	92
87) Chrysene	21.89	228	42866	2.733	ng/ul	100
89) Di-n-octyl phthalate	22.96	149	32449	2.588	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	44416	2.667	ng/ul#	97
91) Benzo(k)fluoranthene	24.19	252	47405	2.881	ng/ul#	89
93) Benzo(a)pyrene	25.04	252	40701	2.771	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.02	276	46717m	2.570	ng/ul	
95) Dibenzo(a,h)anthracene	29.10	278	42337m	2.805	ng/ul	
96) Benzo(g,h,i)perylene	30.23	276	39431m	2.634	ng/ul	

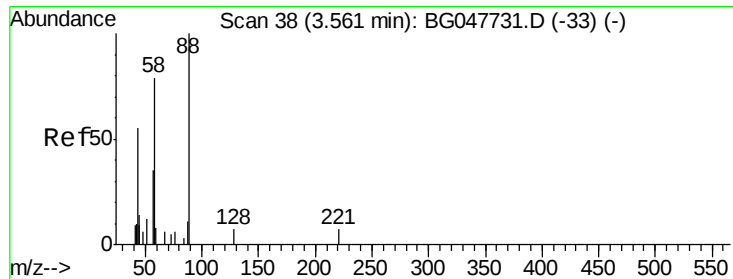
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QLast Update : Fri Dec 11 14:20:11 2020
Response via : Initial Calibration

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

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



#2

1,4-Dioxane

Concen: 0.824 ng/uL

RT: 3.56 min Scan# 38

Delta R.T. 0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

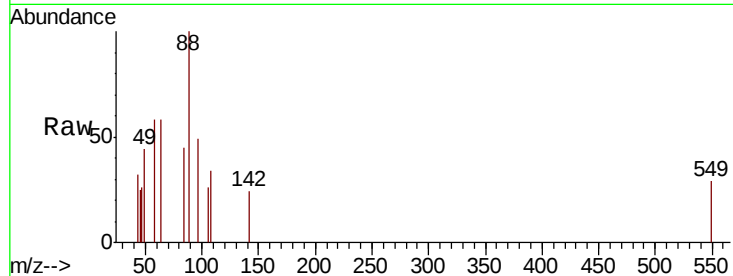
Tot Ion: 88 Resp: 489

Ion Ratio Lower Upper

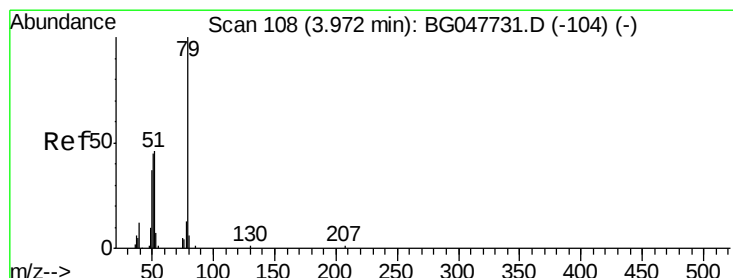
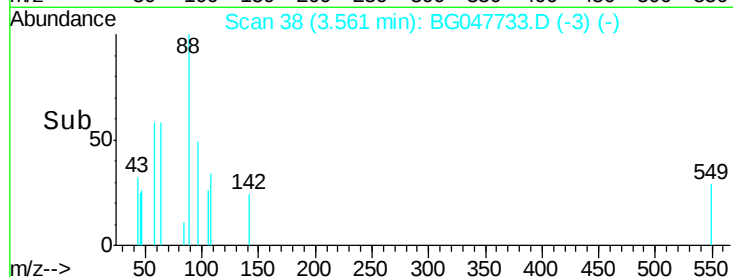
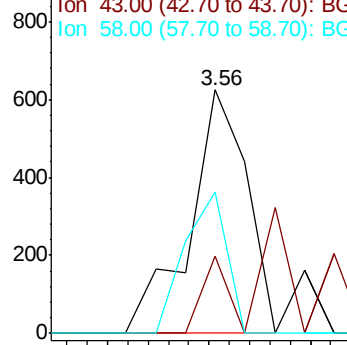
88 100

43 31.5 40.6 61.0#

58 57.9 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: 2.778 ng/uL m

RT: 3.98 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

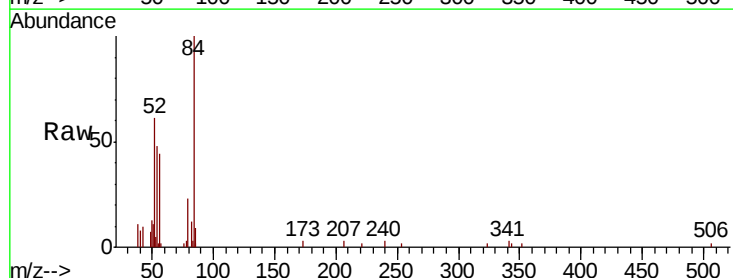
Tgt Ion: 79 Resp: 4252

Ion Ratio Lower Upper

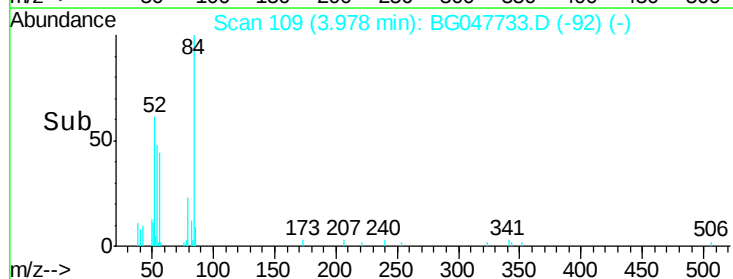
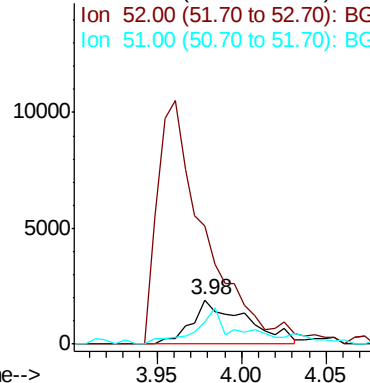
79 100

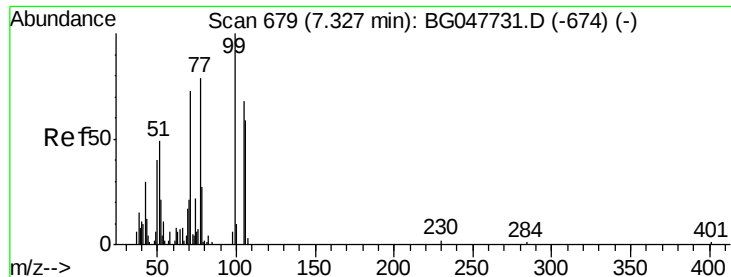
52 264.1 60.8 91.2#

51 49.1 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: 5.416 ng/ul m

RT: 7.34 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

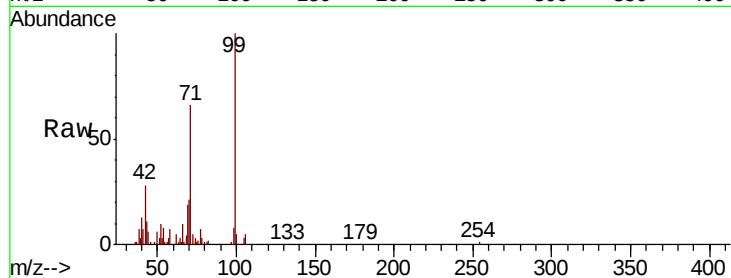
Tot Ion: 77 Resp: 5280

Ion Ratio Lower Upper

77 100

105 48.2 67.9 101.9#

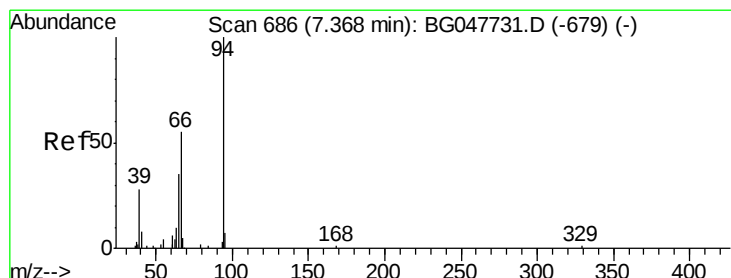
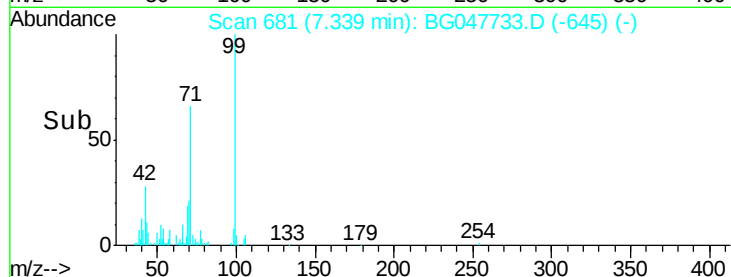
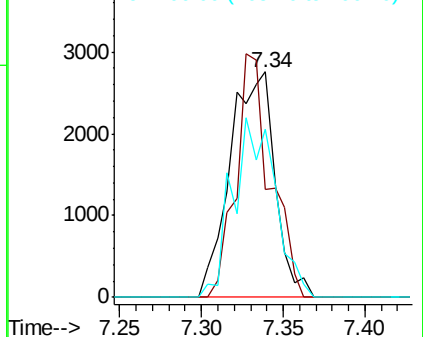
106 74.8 68.1 102.1



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: 2.848 ng/ul

RT: 7.37 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

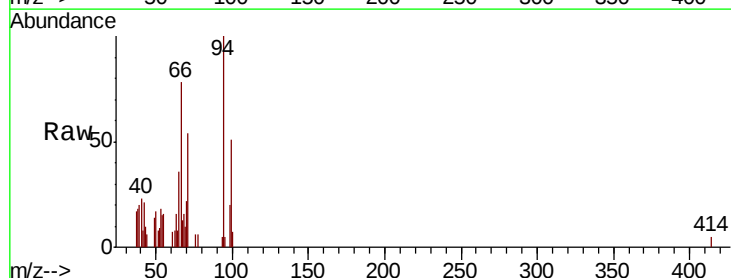
Tgt Ion: 94 Resp: 5938

Ion Ratio Lower Upper

94 100

65 36.0 37.2 55.8#

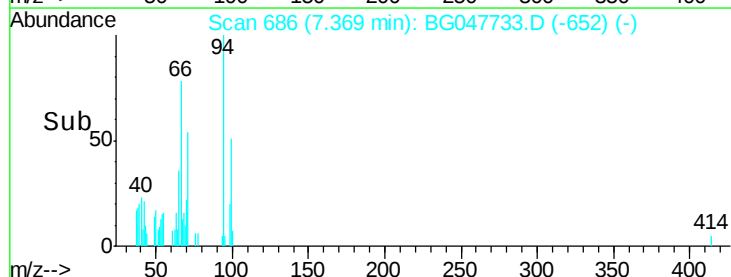
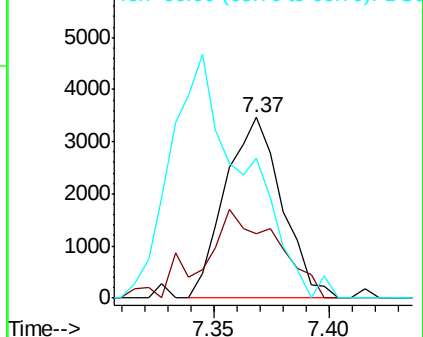
66 78.0 63.2 94.8

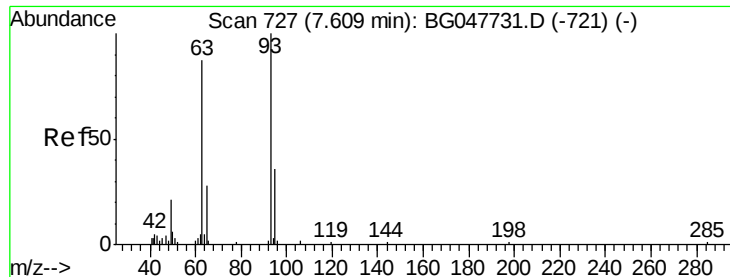


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

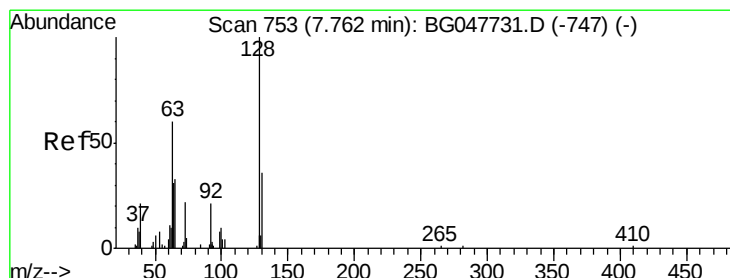
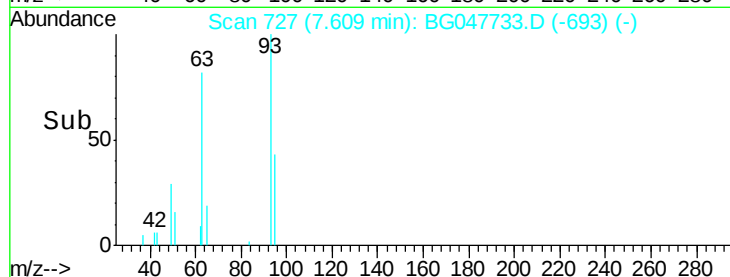
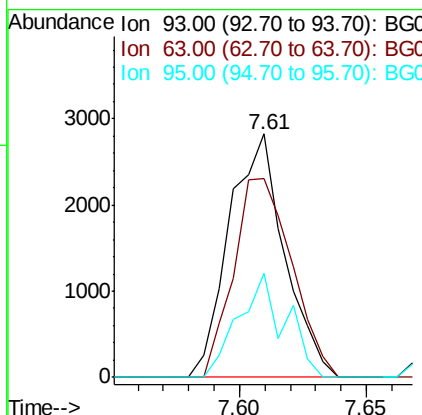
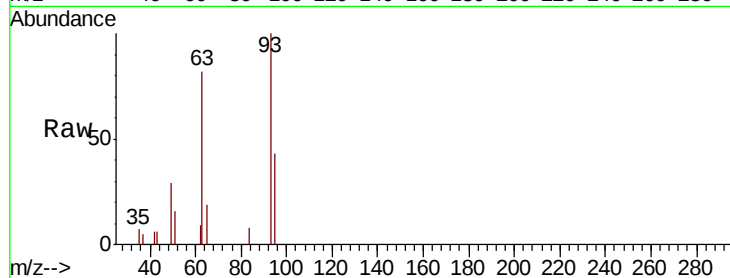




#10
 Bis(2-Chloroethyl)ether
 Concen: 2.952 ng/ul
 RT: 7.61 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

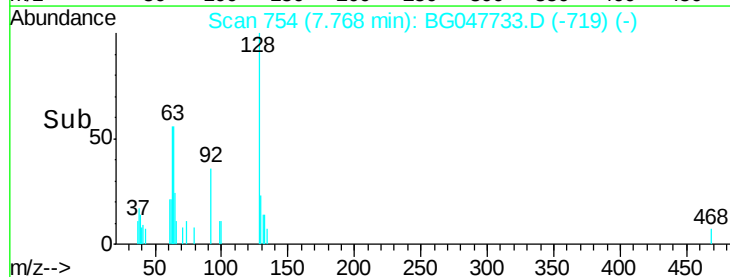
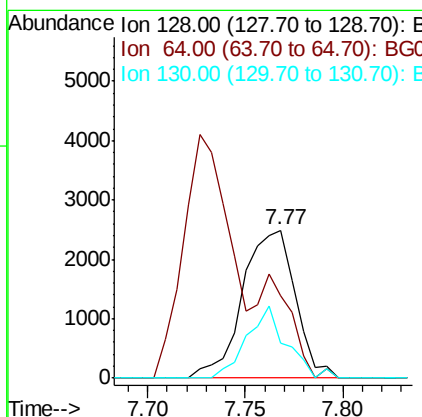
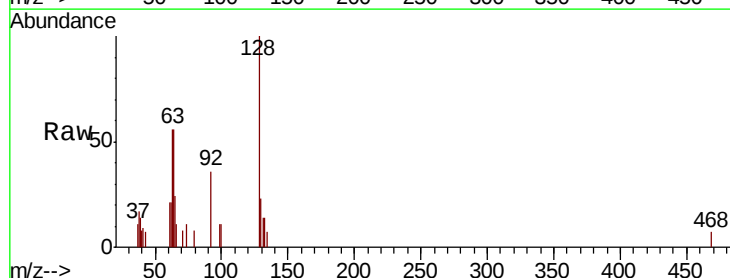
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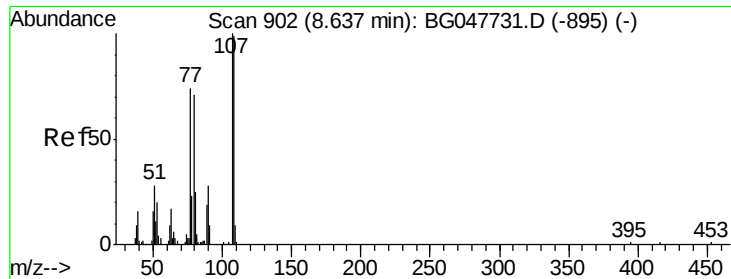
Tot Ion: 93 Resp: 4281
 Ion Ratio Lower Upper
 93 100
 63 81.6 58.2 87.4
 95 42.5 23.4 35.2#



#12
 2-Chlorophenol
 Concen: 2.926 ng/ul
 RT: 7.77 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

Tgt Ion: 128 Resp: 4657
 Ion Ratio Lower Upper
 128 100
 64 55.7 40.2 60.2
 130 23.3 24.6 36.8#

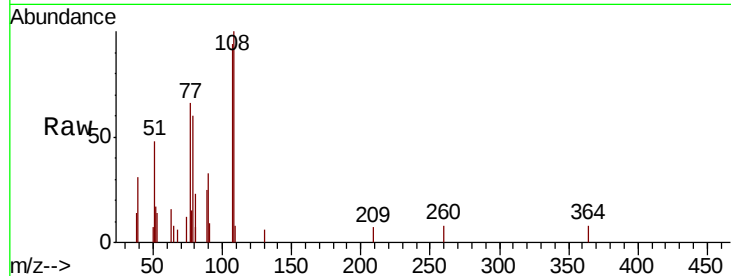




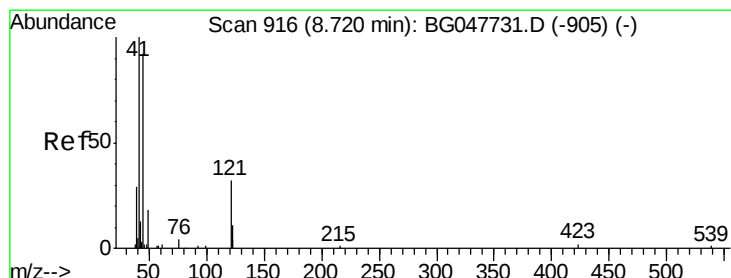
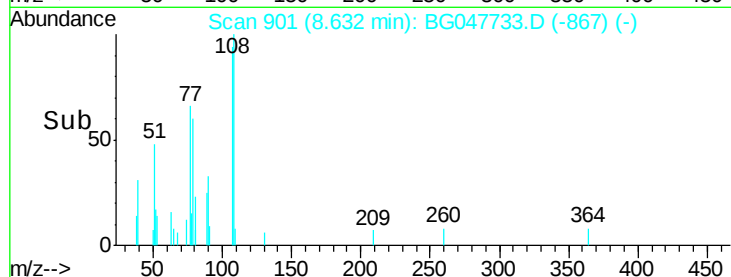
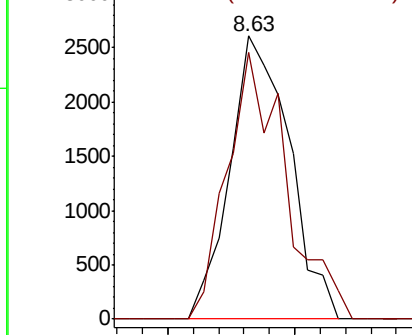
#13
2-Methylphenol
Concen: 2.687 ng/ul
RT: 8.63 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Instrument :
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Tot Ion:108 Resp: 4262
Ion Ratio Lower Upper
108 100
107 94.4 83.8 125.6

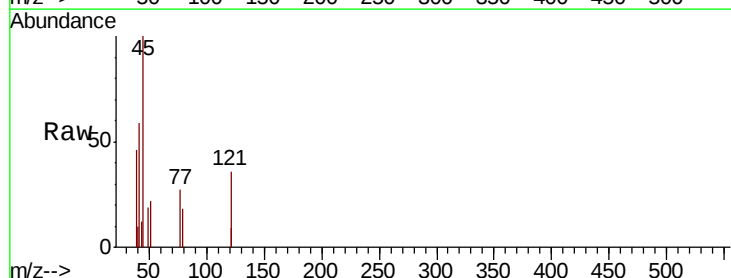


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

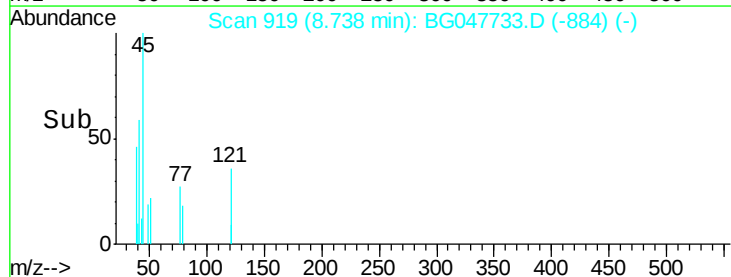
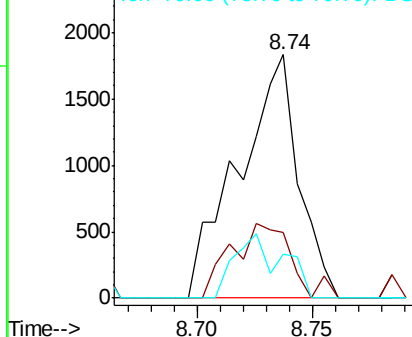


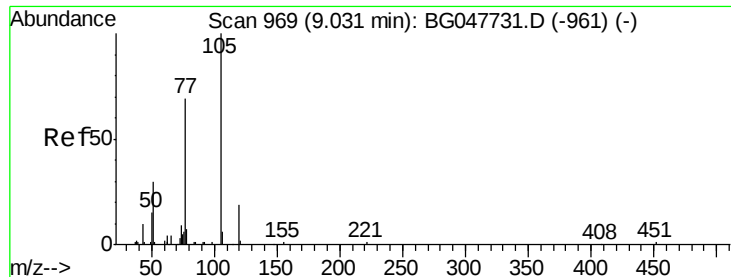
#14
2,2'-oxybis(1-Chloropropane)
Concen: 2.458 ng/ul
RT: 8.74 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion: 45 Resp: 3317
Ion Ratio Lower Upper
45 100
77 26.8 18.3 27.5
79 18.3 17.0 25.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#16

Acetophenone

Concen: 2.831 ng/ul

RT: 9.03 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

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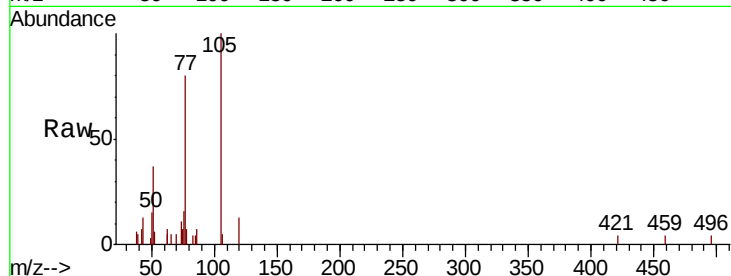
Tot Ion:105 Resp: 7673

Ion Ratio Lower Upper

105 100

77 79.5 64.5 96.7

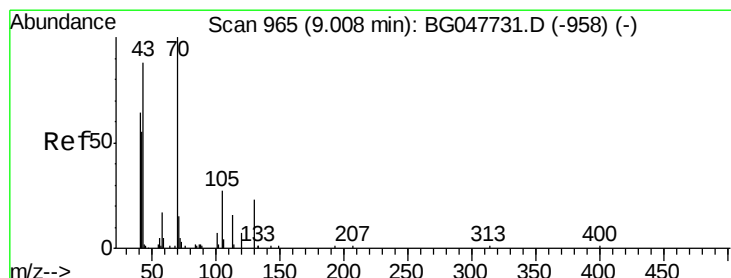
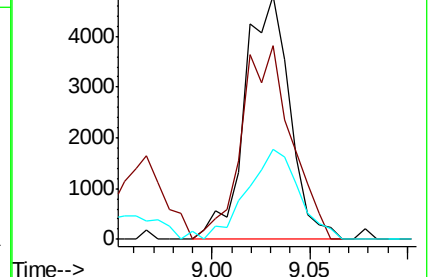
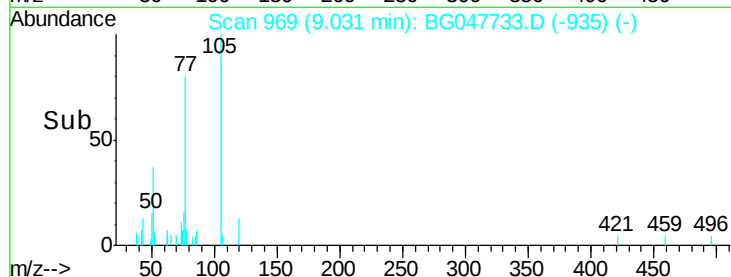
51 36.8 27.7 41.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#17

N-Nitroso-di-n-propylamine

Concen: 2.612 ng/ul

RT: 9.01 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Tgt Ion: 70 Resp: 3887

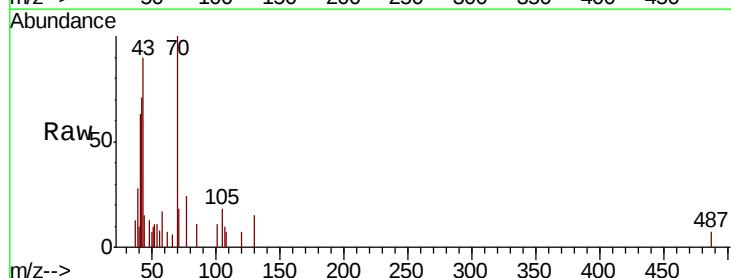
Ion Ratio Lower Upper

70 100

42 71.2 45.0 67.6#

101 10.7 7.0 10.4#

130 15.2 11.8 17.8

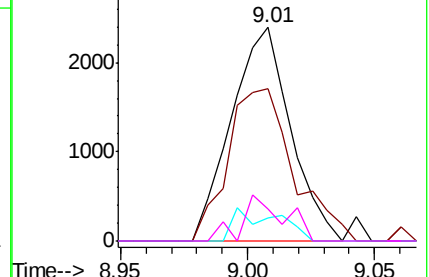
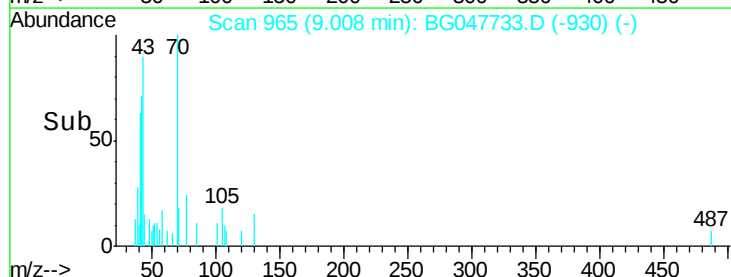


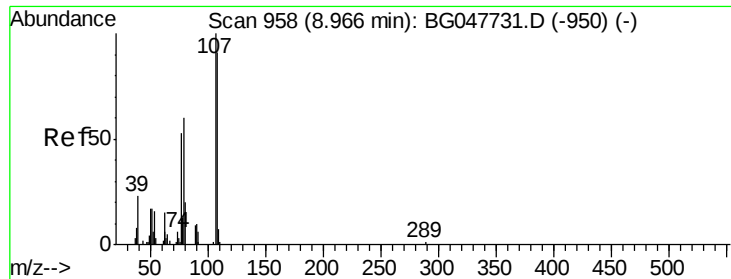
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

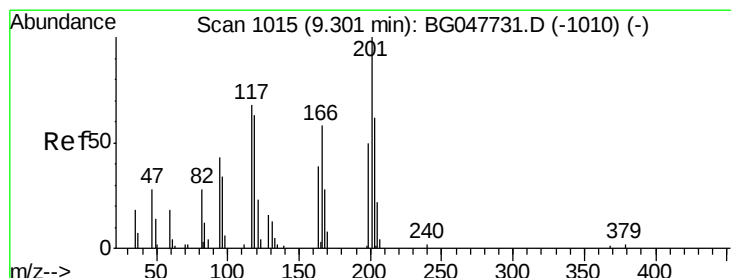
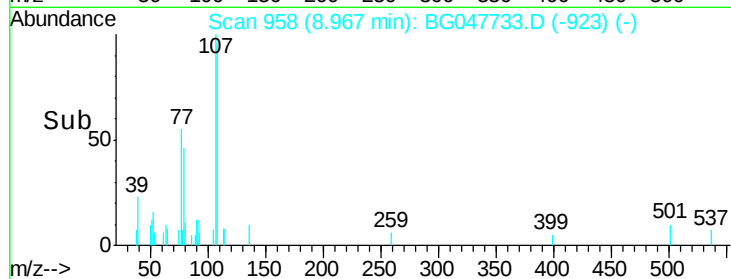
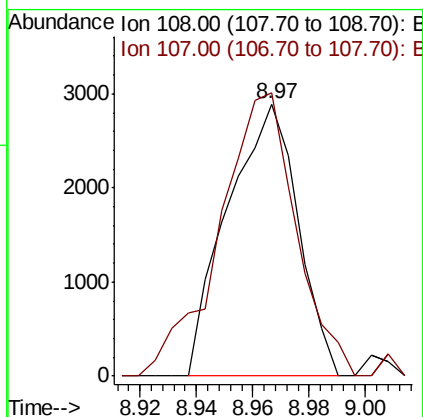
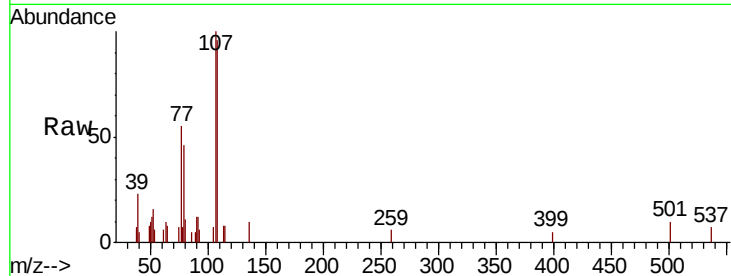




#18
4-Methylphenol
Concen: 2.867 ng/ul
RT: 8.97 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

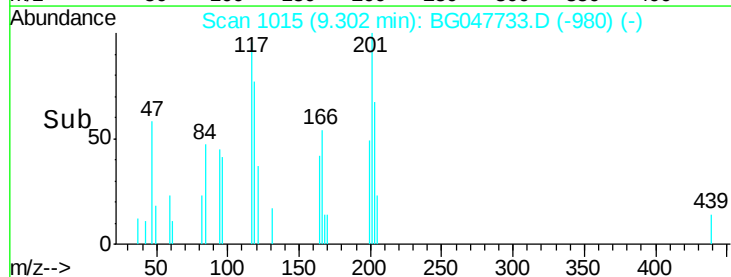
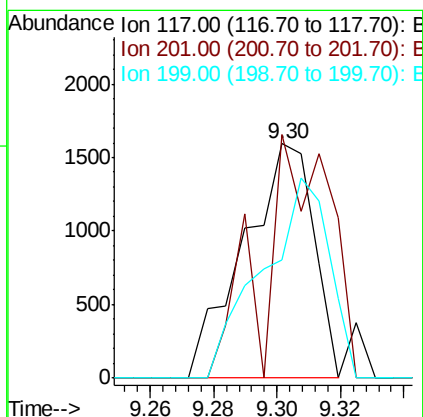
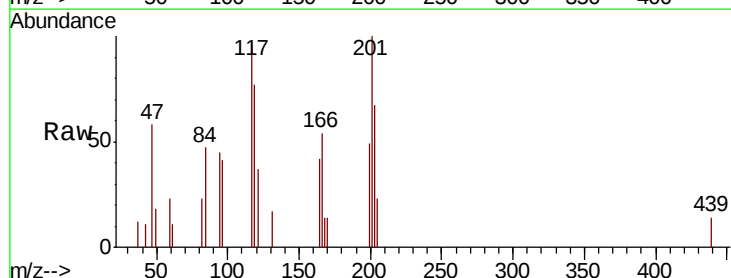
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

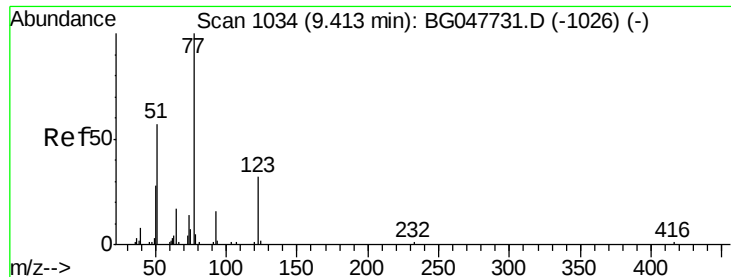
Tot Ion:108 Resp: 4991
Ion Ratio Lower Upper
108 100
107 104.0 87.4 131.0



#19
Hexachloroethane
Concen: 3.130 ng/ul
RT: 9.30 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion:117 Resp: 2440
Ion Ratio Lower Upper
117 100
201 103.9 96.7 145.1
199 50.4 56.6 85.0#





#22

Nitrobenzene

Concen: 2.869 ng/ul m

RT: 9.41 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

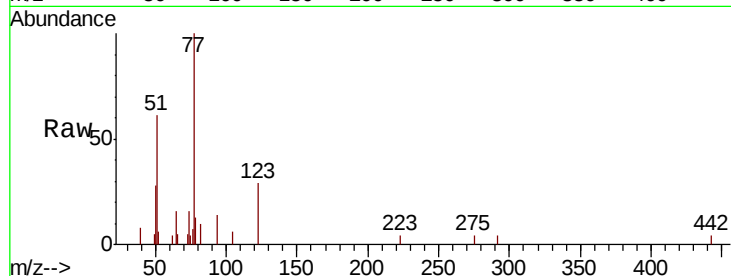
Tot Ion: 77 Resp: 7262

Ion Ratio Lower Upper

77 100

123 28.5 22.5 33.7

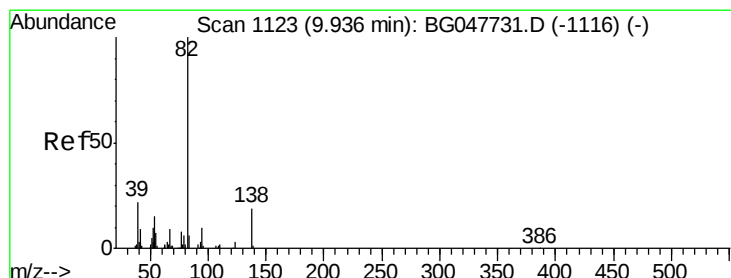
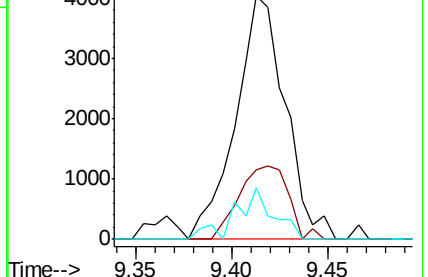
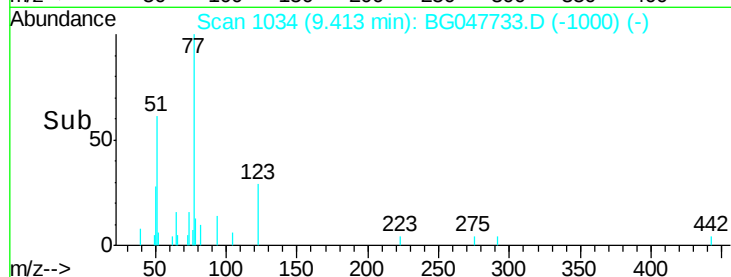
65 16.1 13.8 20.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#23

Isophorone

Concen: 2.642 ng/ul

RT: 9.94 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

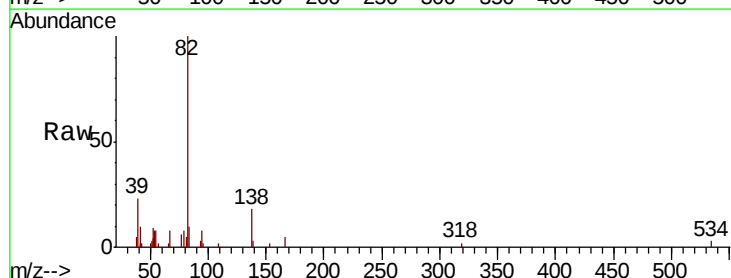
Tgt Ion: 82 Resp: 11618

Ion Ratio Lower Upper

82 100

95 7.8 8.7 13.1#

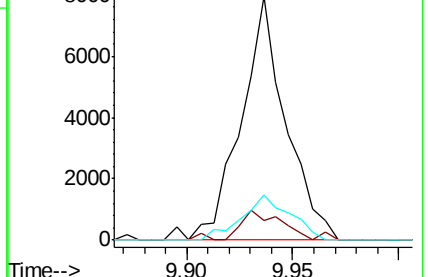
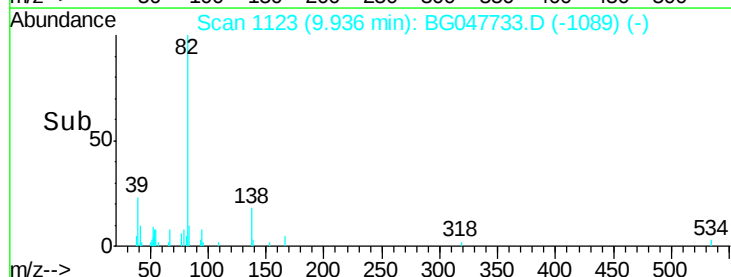
138 18.3 12.4 18.6

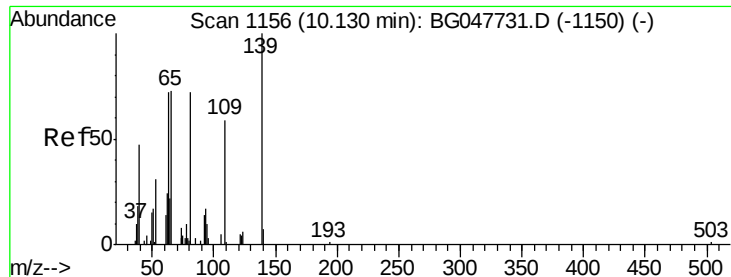


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

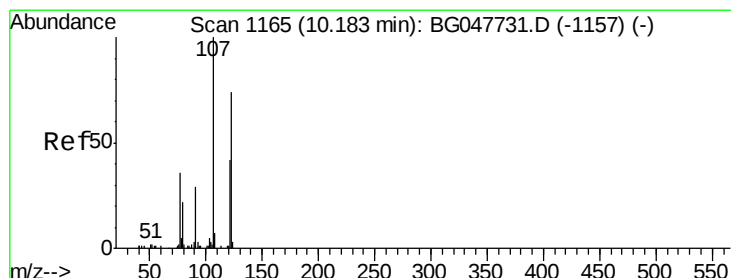
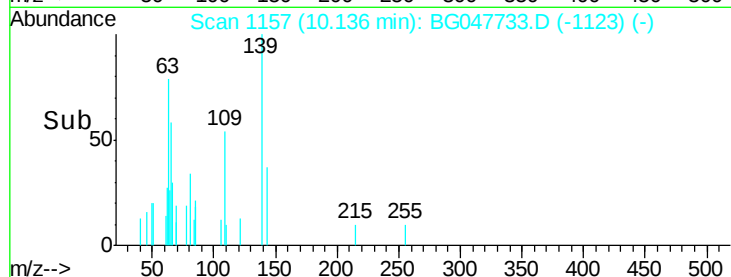
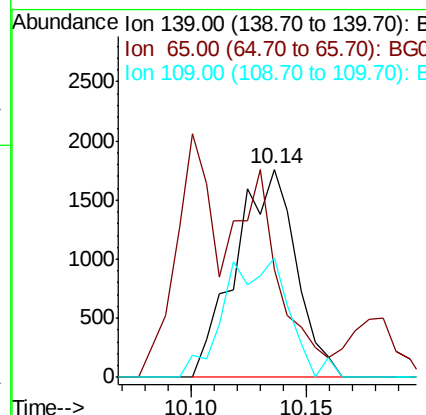
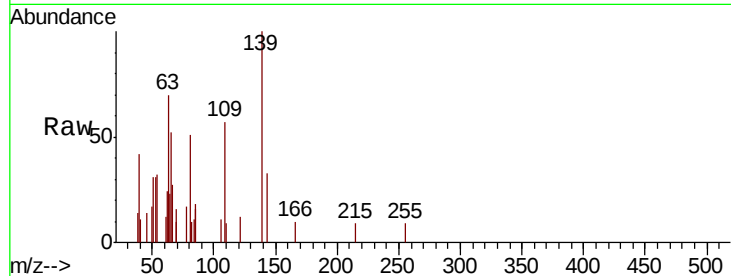




#25
2-Nitrophenol
Concen: 3.172 ng/ul
RT: 10.14 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

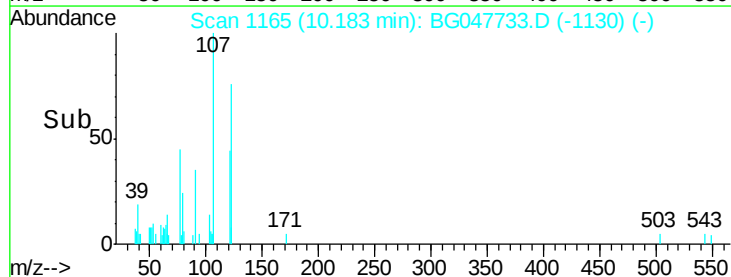
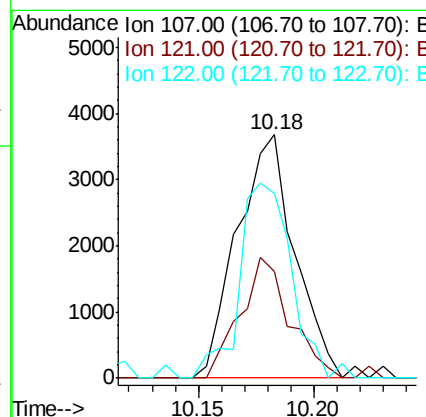
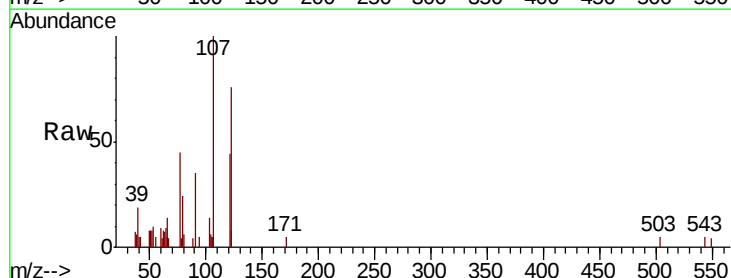
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

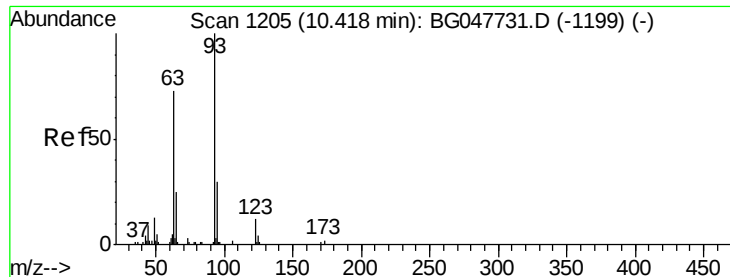
Tot Ion:139 Resp: 3208
Ion Ratio Lower Upper
139 100
65 51.7 58.7 88.1#
109 57.4 48.2 72.2



#26
2,4-Dimethylphenol
Concen: 2.682 ng/ul
RT: 10.18 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion:107 Resp: 6367
Ion Ratio Lower Upper
107 100
121 44.0 36.7 55.1
122 75.8 57.7 86.5

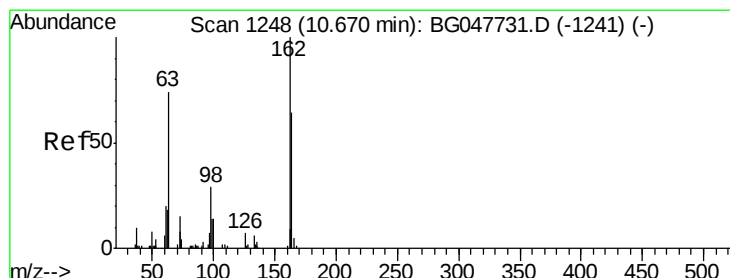
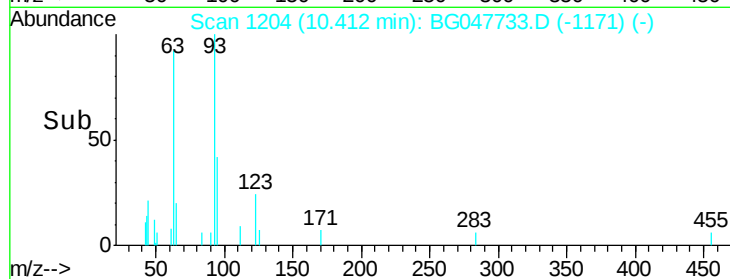
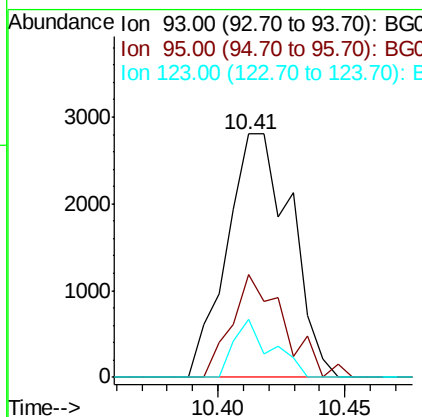
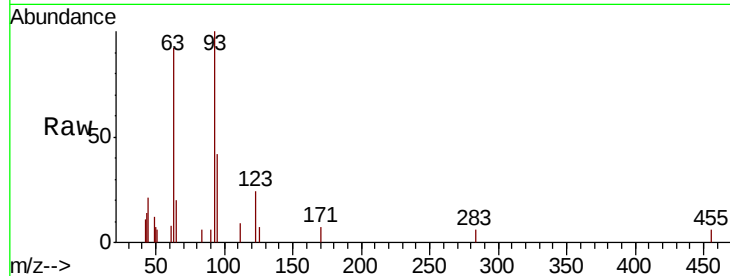




#27
 Bis(2-Chloroethoxy)methane
 Concen: 2.358 ng/ul
 RT: 10.41 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

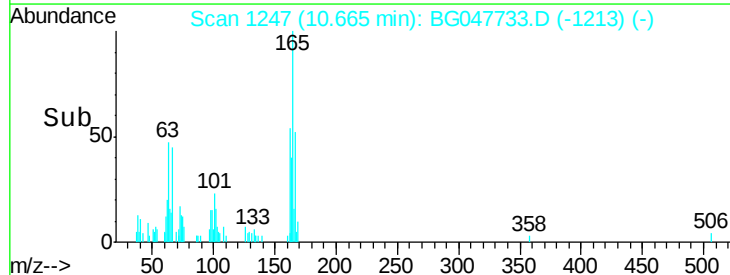
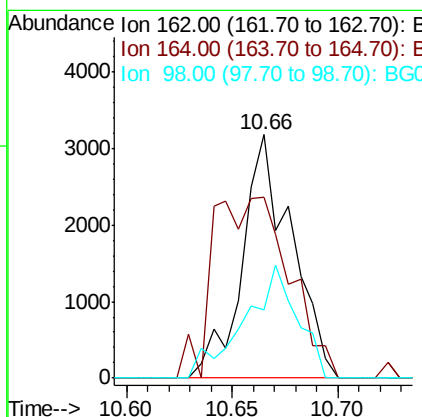
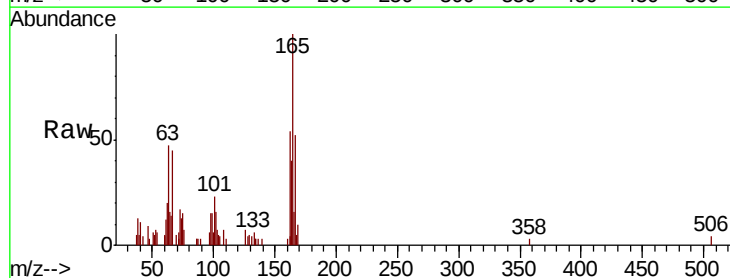
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

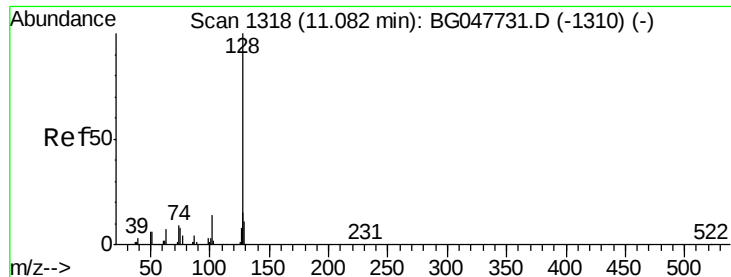
Tot Ion: 93 Resp: 4948
 Ion Ratio Lower Upper
 93 100
 95 42.3 23.4 35.2#
 123 23.8 8.0 12.0#



#29
 2,4-Dichlorophenol
 Concen: 2.751 ng/ul
 RT: 10.66 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

Tgt Ion: 162 Resp: 5159
 Ion Ratio Lower Upper
 162 100
 164 74.2 48.7 73.1#
 98 27.8 27.3 40.9





#30

Naphthalene

Concen: 2.734 ng/ul

RT: 11.08 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

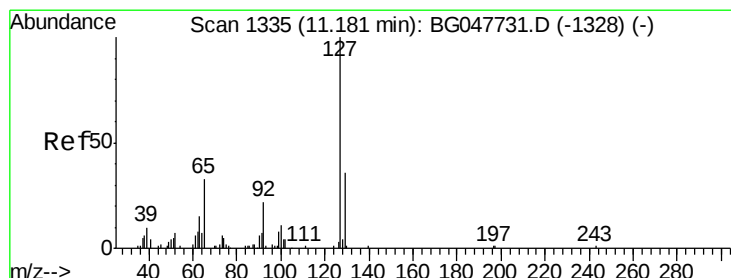
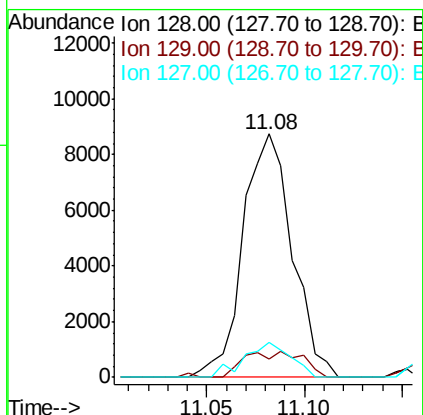
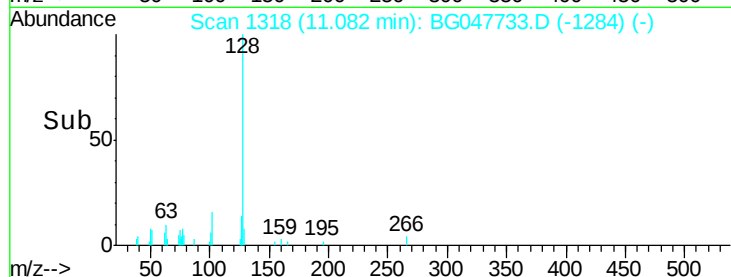
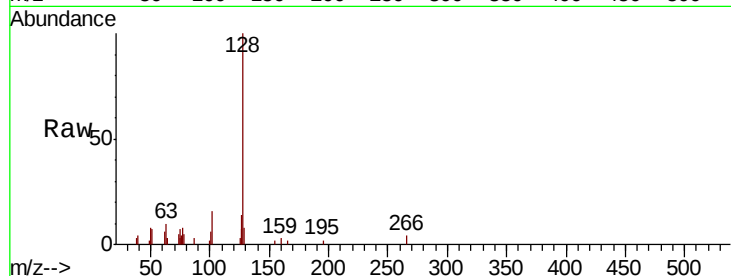
Tot Ion:128 Resp: 15265

Ion Ratio Lower Upper

128 100

129 7.5 9.3 13.9#

127 14.3 11.1 16.7



#32

4-Chloroaniline

Concen: 2.546 ng/ul

RT: 11.18 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG047733.D

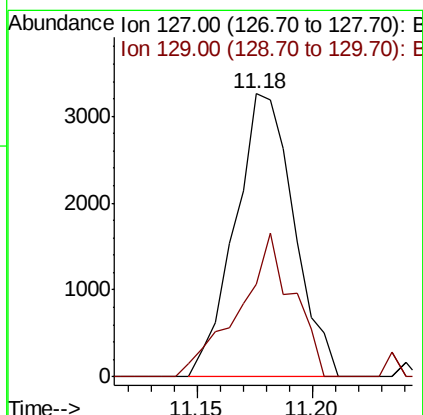
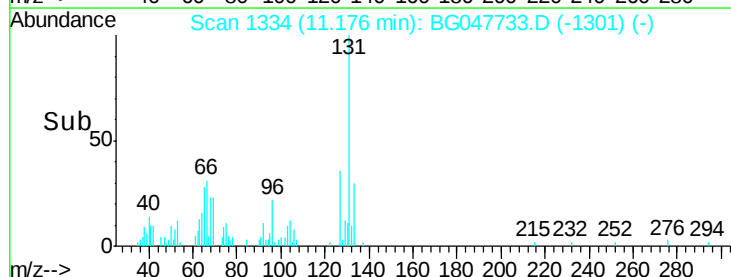
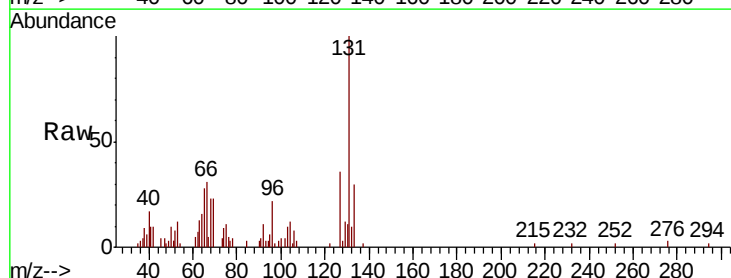
Acq: 14 Dec 2020 12:20

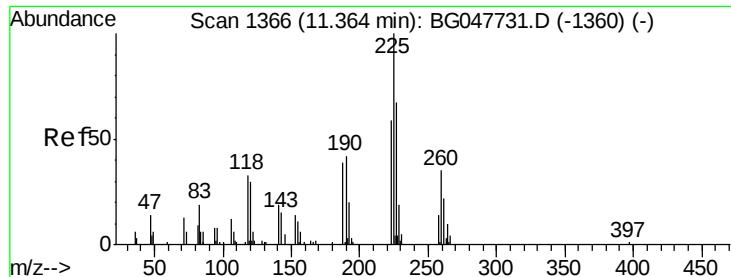
Tgt Ion:127 Resp: 5791

Ion Ratio Lower Upper

127 100

129 32.9 24.6 37.0





#33

Hexachlorobutadiene

Concen: 2.767 ng/ul

RT: 11.37 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

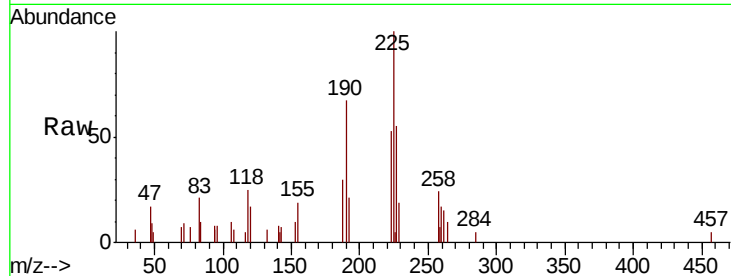
Tot Ion:225 Resp: 5573

Ion Ratio Lower Upper

225 100

223 52.5 57.4 86.0#

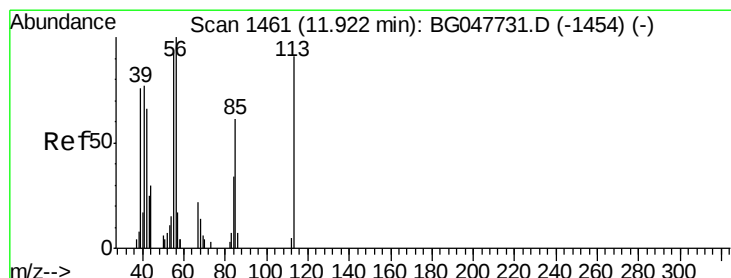
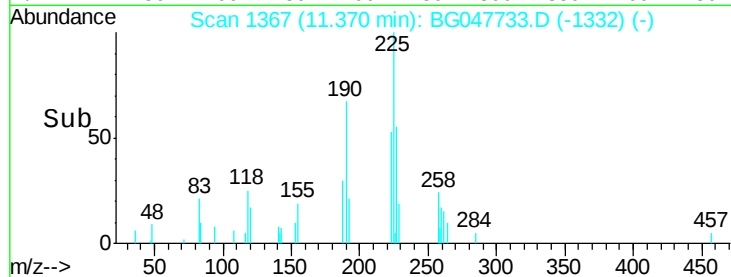
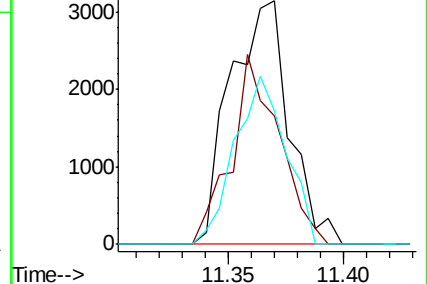
227 54.8 59.2 88.8#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#34

Caprolactam

Concen: 2.430 ng/ul

RT: 11.95 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

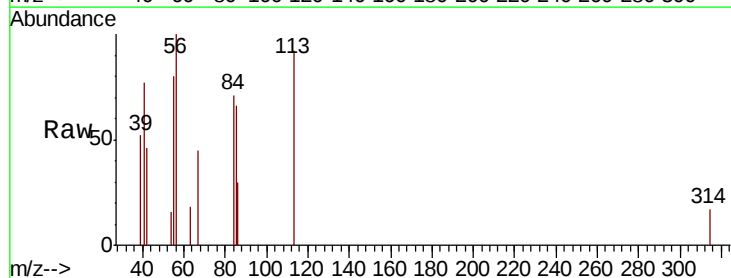
Tgt Ion:113 Resp: 1544

Ion Ratio Lower Upper

113 100

55 87.3 65.1 97.7

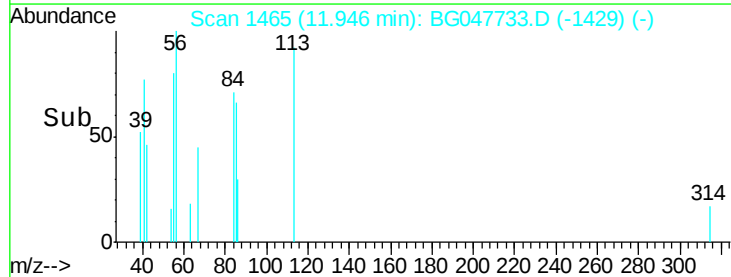
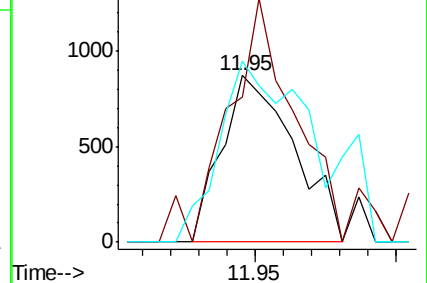
56 108.6 63.1 94.7#

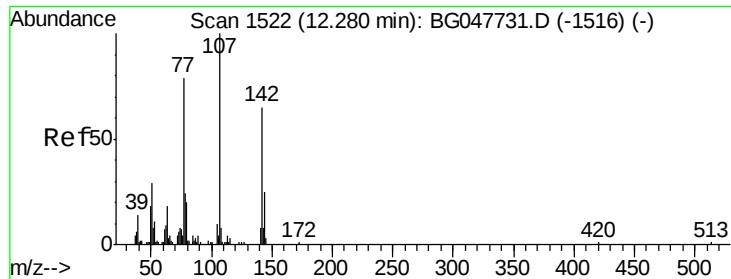


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

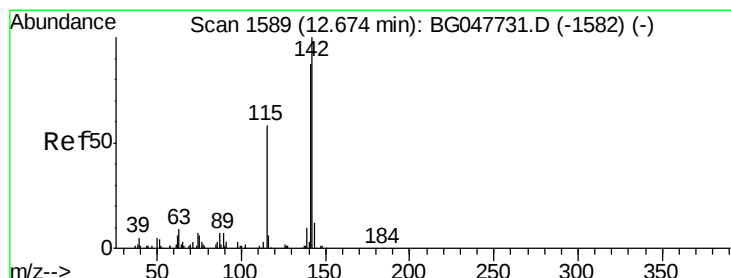
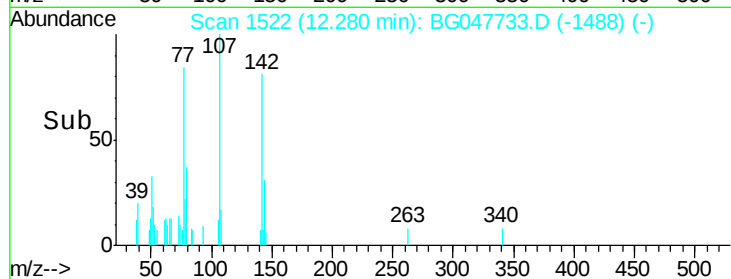
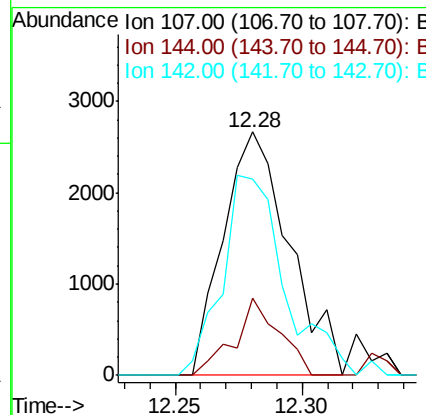
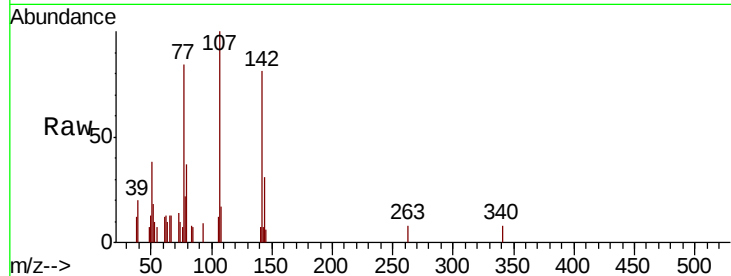




#35
 4-Chloro-3-methylphenol
 Concen: 2.332 ng/ul
 RT: 12.28 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

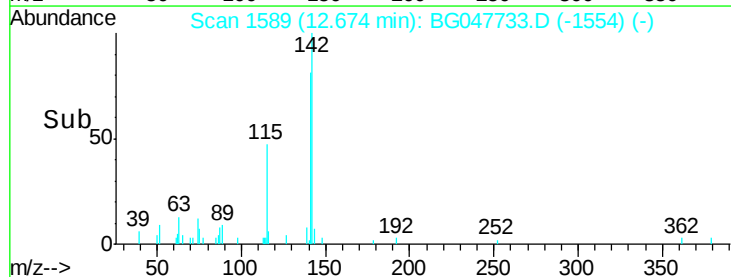
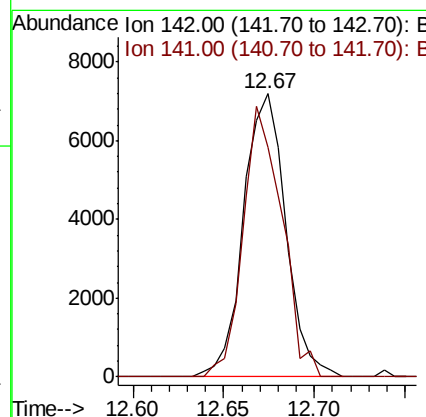
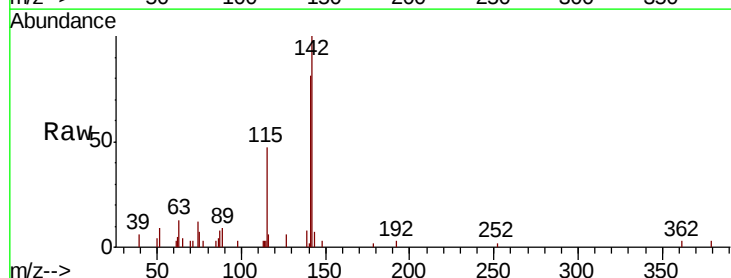
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

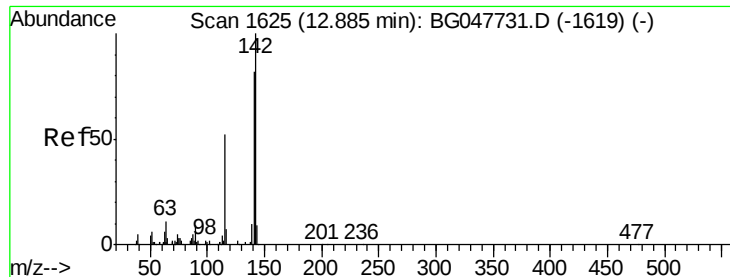
Tot Ion:107 Resp: 4820
 Ion Ratio Lower Upper
 107 100
 144 31.5 14.6 22.0#
 142 80.7 47.7 71.5#



#36
 2-Methylnaphthalene
 Concen: 2.774 ng/ul
 RT: 12.67 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

Tgt Ion:142 Resp: 11687
 Ion Ratio Lower Upper
 142 100
 141 81.2 67.0 100.6

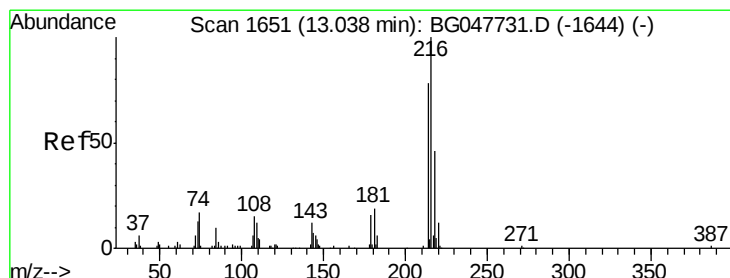
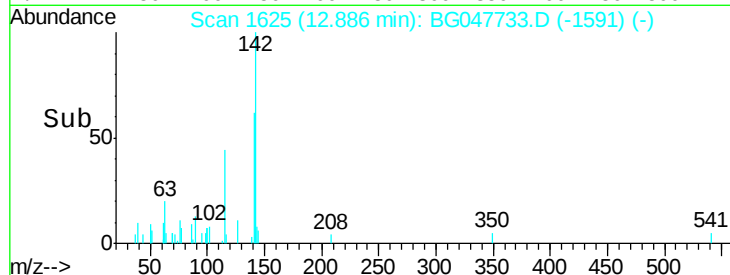
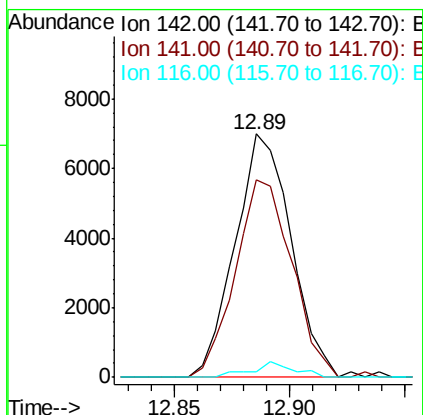
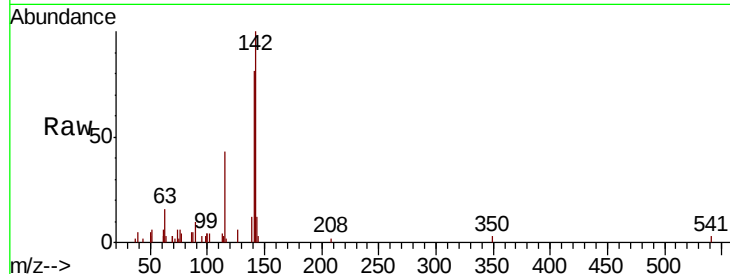




#37
1-Methylnaphthalene
Concen: 2.930 ng/ul
RT: 12.89 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

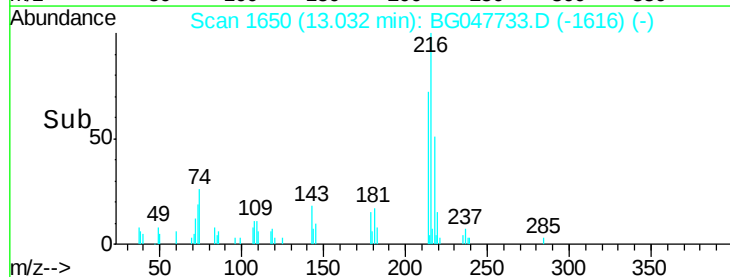
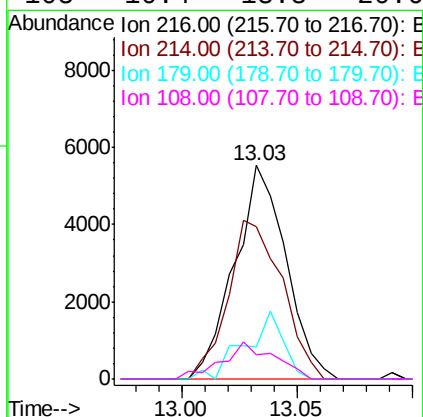
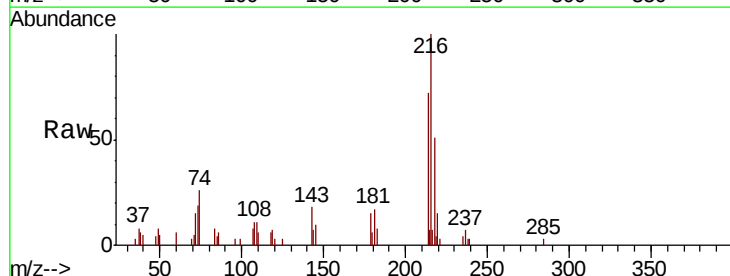
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

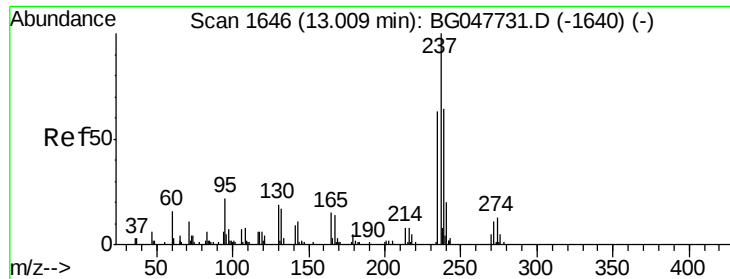
Tot Ion:142 Resp: 11793
Ion Ratio Lower Upper
142 100
141 81.4 74.6 112.0
116 2.3 4.4 6.6#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.761 ng/ul
RT: 13.03 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion:216 Resp: 8558
Ion Ratio Lower Upper
216 100
214 66.8 69.7 104.5#
179 14.2 15.2 22.8#
108 10.4 13.8 20.6#

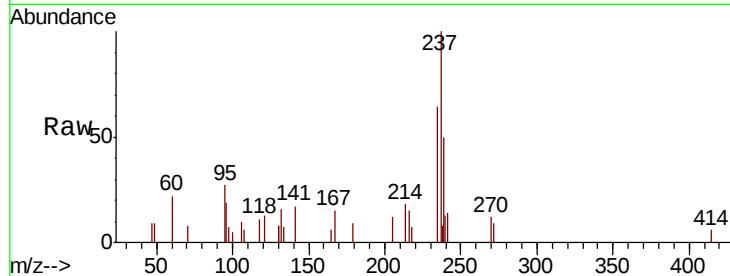




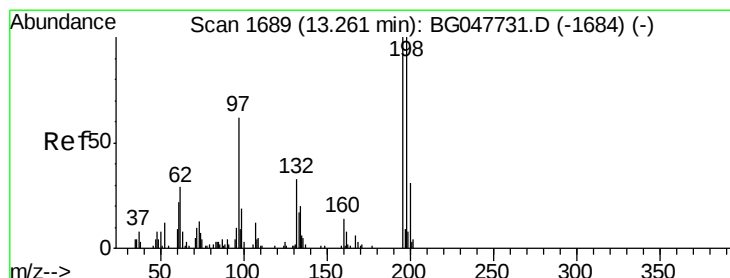
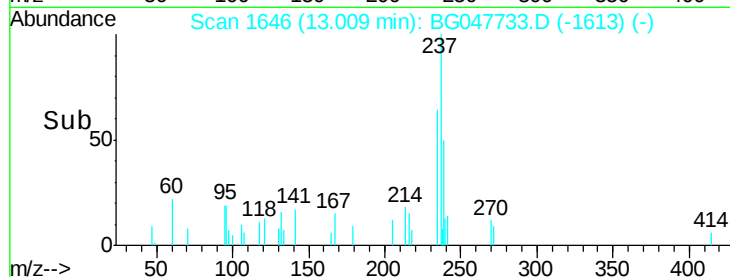
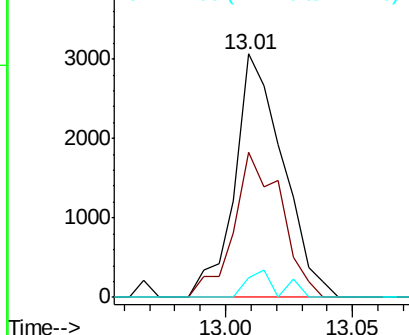
#40
Hexachlorocyclopentadiene
Concen: 1.991 ng/ul
RT: 13.01 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

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

Tot Ion:237 Resp: 4045
Ion Ratio Lower Upper
237 100
235 59.8 49.4 74.0
272 8.2 8.4 12.6#

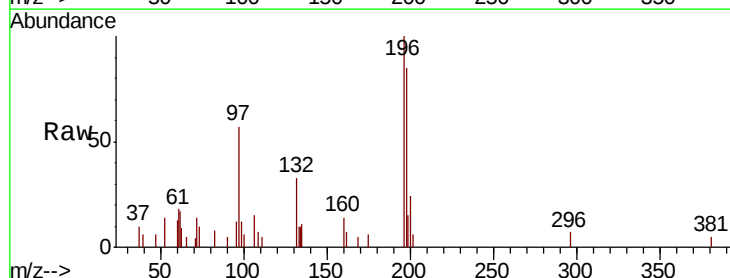


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

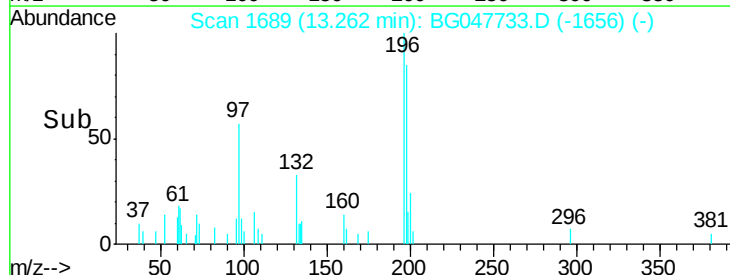
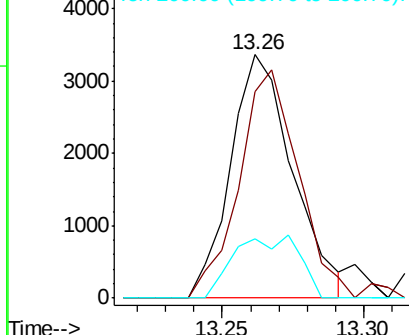


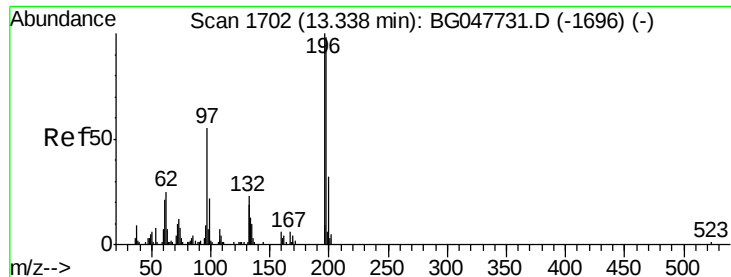
#41
2,4,6-Trichlorophenol
Concen: 2.766 ng/ul
RT: 13.26 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion:196 Resp: 5141
Ion Ratio Lower Upper
196 100
198 85.1 77.6 116.4
200 24.4 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: 2.672 ng/ul m

RT: 13.33 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

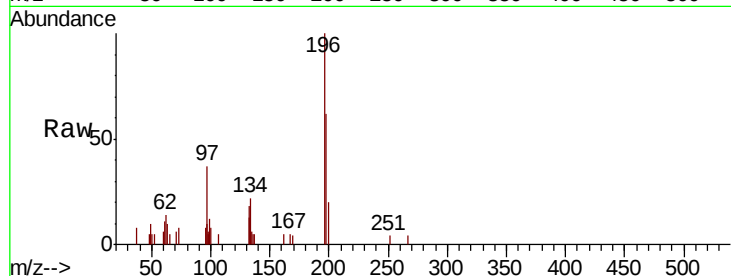
Tot Ion:196 Resp: 5259

Ion Ratio Lower Upper

196 100

198 62.1 76.5 114.7#

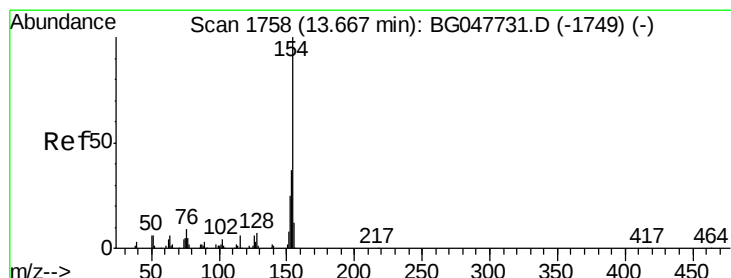
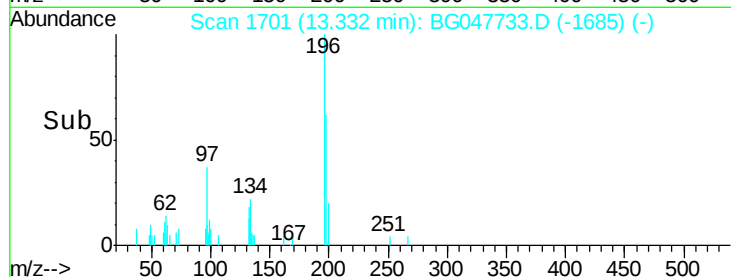
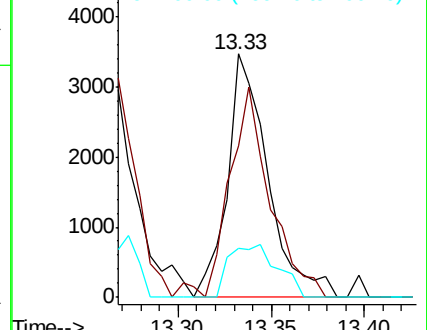
200 19.9 23.4 35.0#



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



#43

1,1'-Biphenyl

Concen: 2.932 ng/ul

RT: 13.66 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

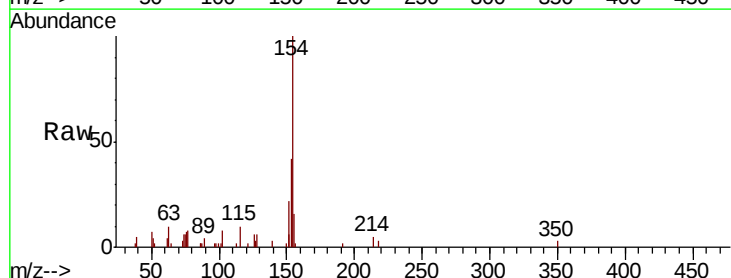
Tgt Ion:154 Resp: 17043

Ion Ratio Lower Upper

154 100

153 42.5 33.8 50.6

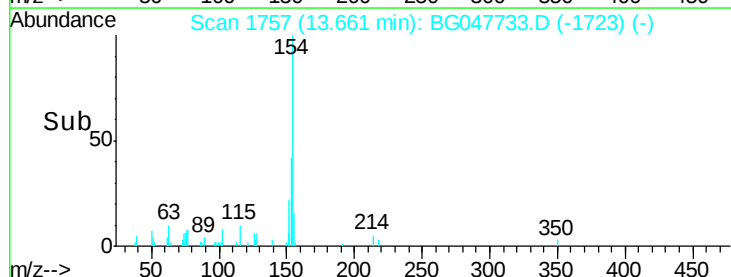
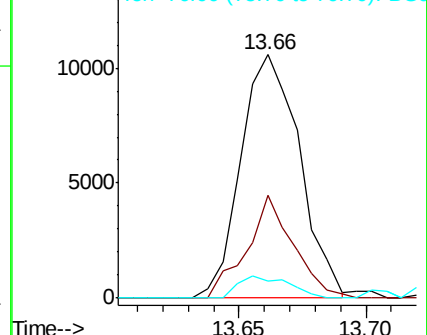
76 6.8 7.5 11.3#

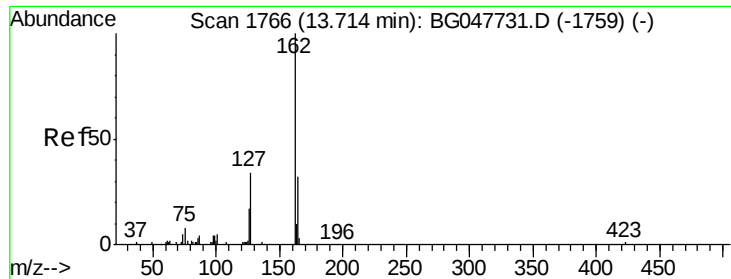


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

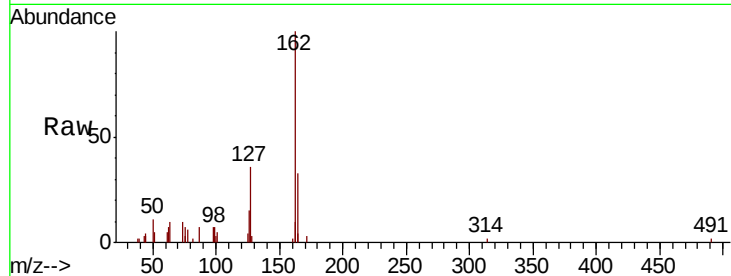




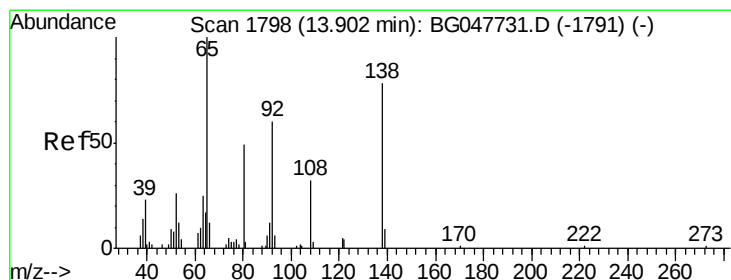
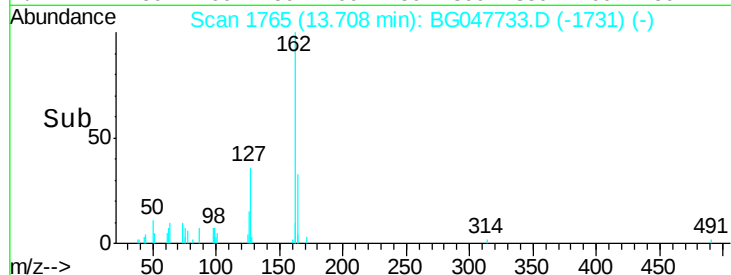
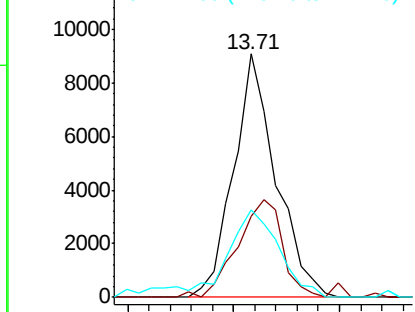
#44
 2-Chloronaphthalene
 Concen: 2.756 ng/ul
 RT: 13.71 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	33.1	27.8	41.6
127	35.7	30.8	46.2

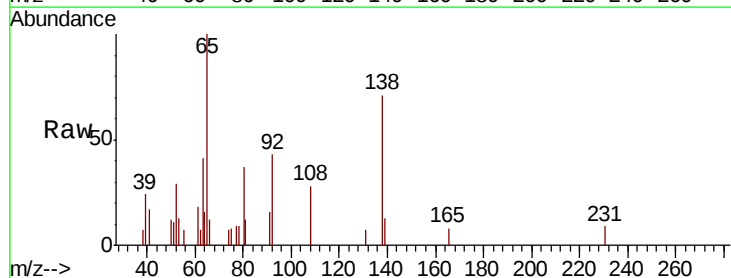


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E

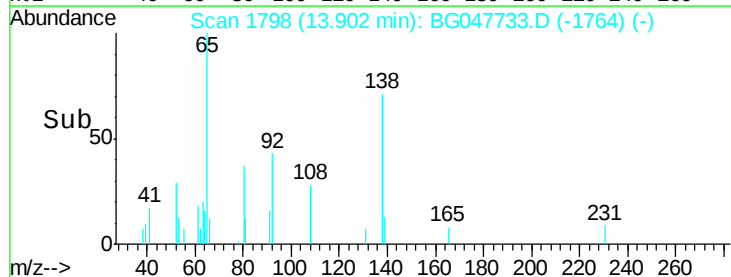
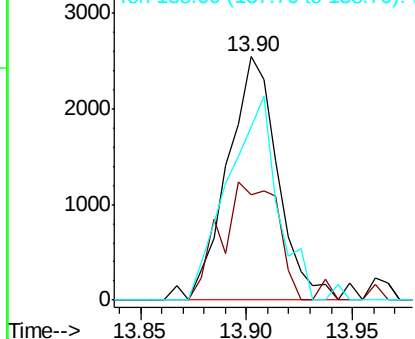


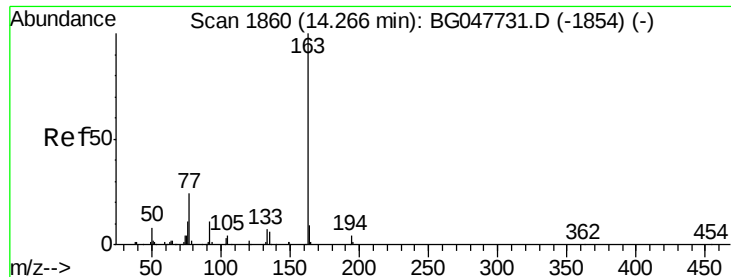
#45
 2-Nitroaniline
 Concen: 2.654 ng/ul
 RT: 13.90 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	43.3	45.8	68.6#
138	71.2	71.1	106.7



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





#47

Dimethylphthalate

Concen: 2.866 ng/ul

RT: 14.26 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

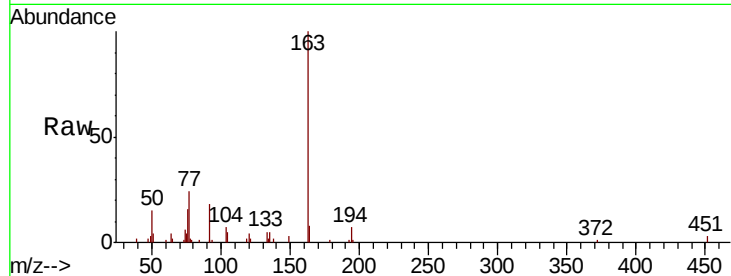
Tot Ion:163 Resp: 18237

Ion Ratio Lower Upper

163 100

194 7.4 3.4 5.2#

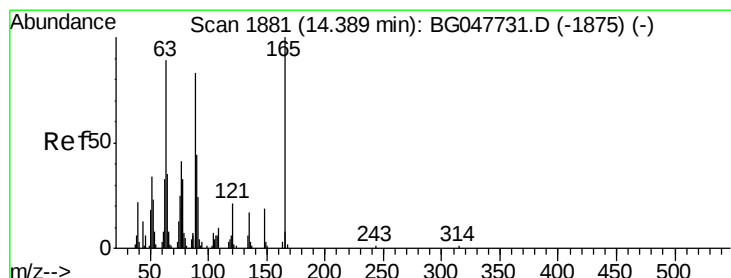
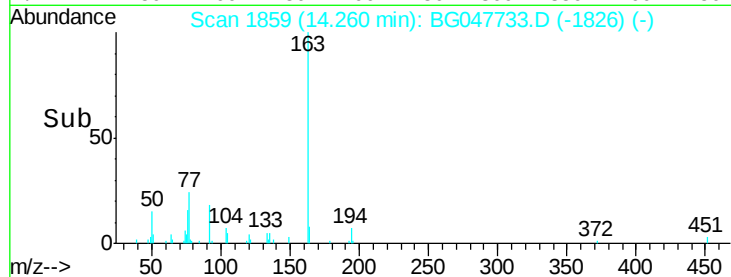
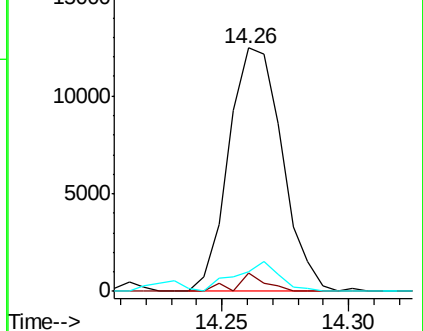
164 7.8 8.1 12.1#



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: 2.679 ng/ul

RT: 14.38 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

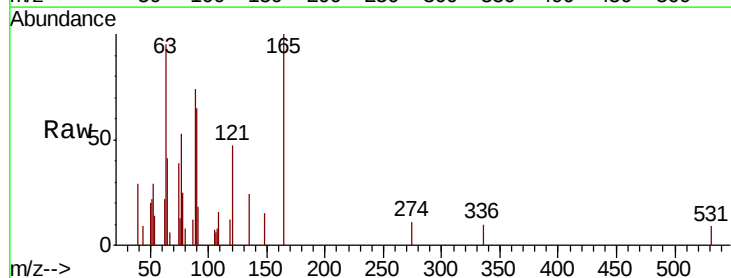
Tgt Ion:165 Resp: 3602

Ion Ratio Lower Upper

165 100

89 73.5 60.7 91.1

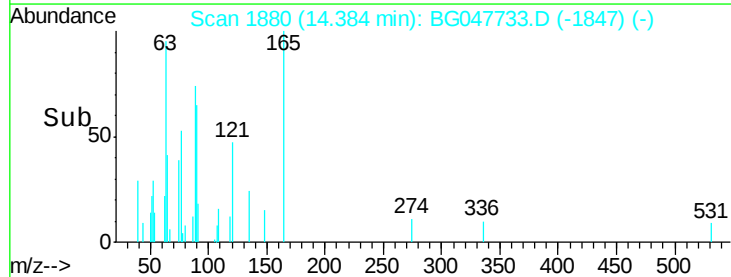
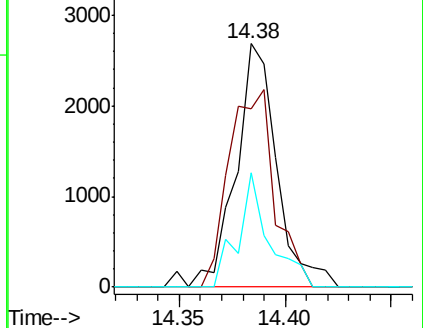
121 46.9 18.1 27.1#

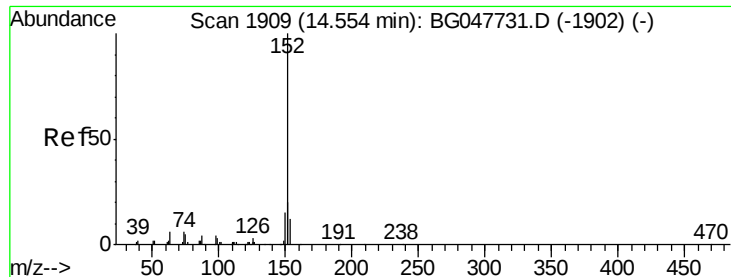


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 2.589 ng/ul

RT: 14.55 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

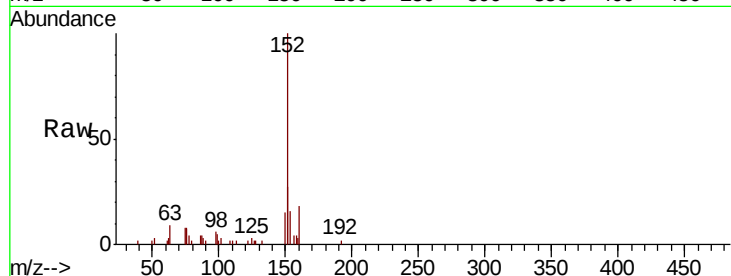
Tot Ion:152 Resp: 17328

Ion Ratio Lower Upper

152 100

151 27.5 15.3 22.9#

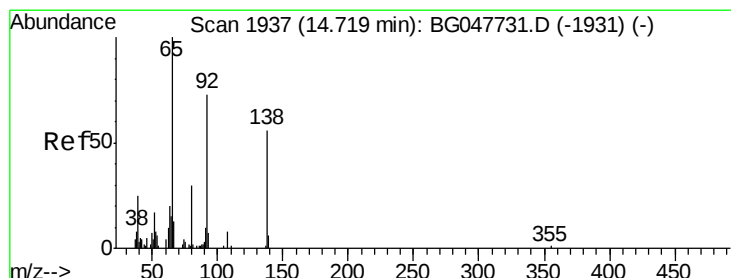
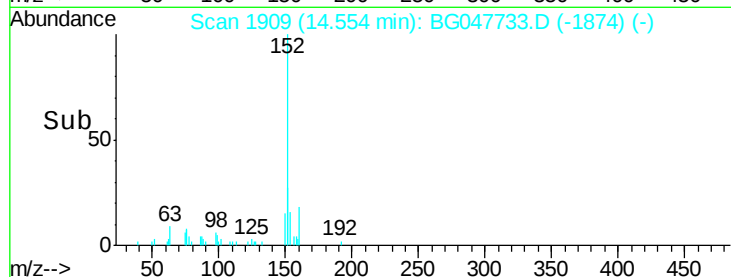
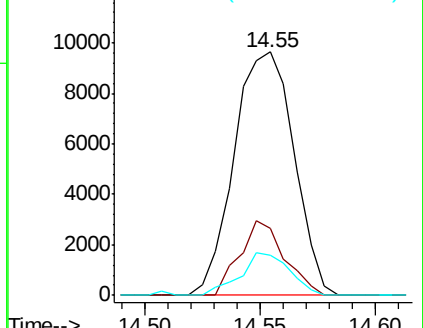
153 16.5 11.7 17.5



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: 3.350 ng/ul

RT: 14.71 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

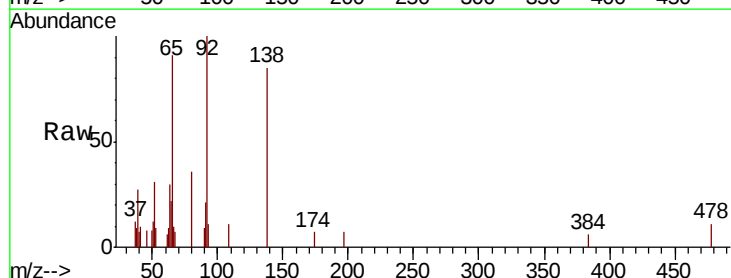
Tgt Ion:138 Resp: 3234

Ion Ratio Lower Upper

138 100

108 13.4 11.9 17.9

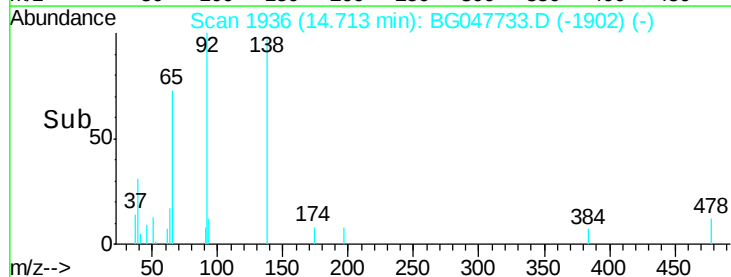
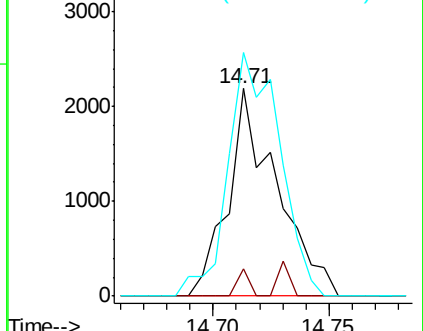
92 117.3 97.7 146.5

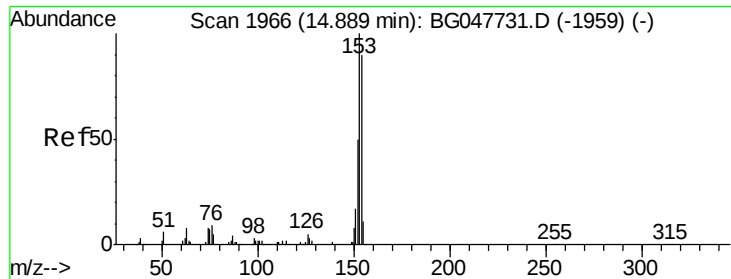


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#52

Acenaphthene

Concen: 2.977 ng/ul

RT: 14.89 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

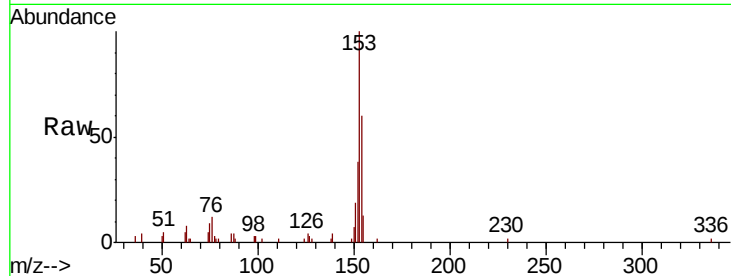
Tot Ion:153 Resp: 14161

Ion Ratio Lower Upper

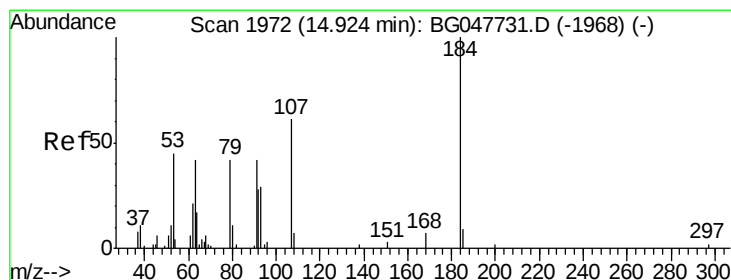
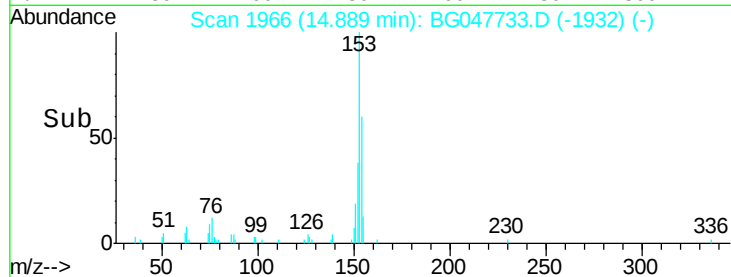
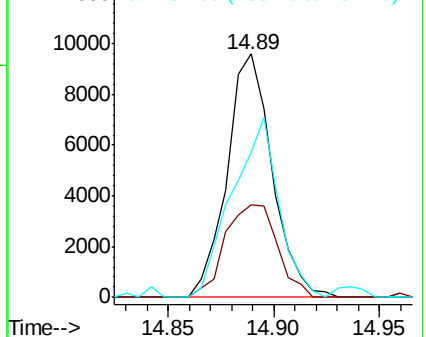
153 100

152 38.2 34.8 52.2

154 59.7 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: 0.776 ng/ul

RT: 14.94 min Scan# 1975

Delta R.T. 0.02 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

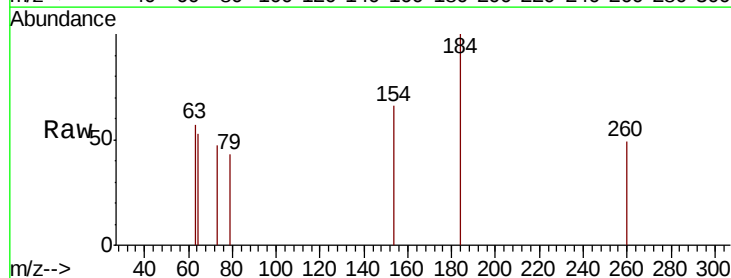
Tgt Ion:184 Resp: 619

Ion Ratio Lower Upper

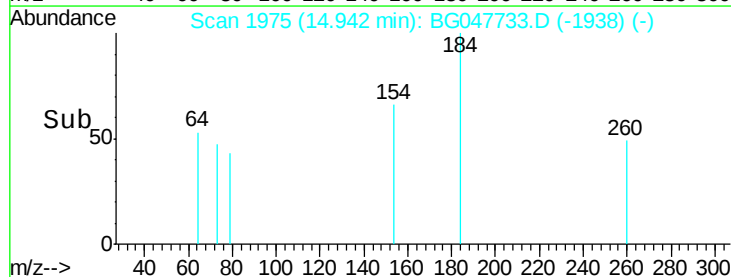
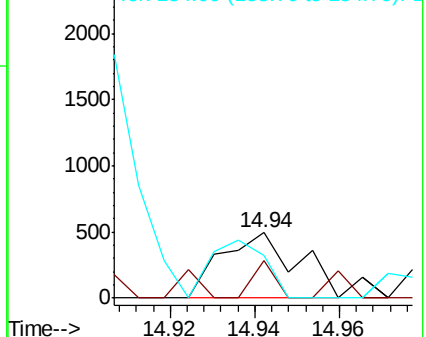
184 100

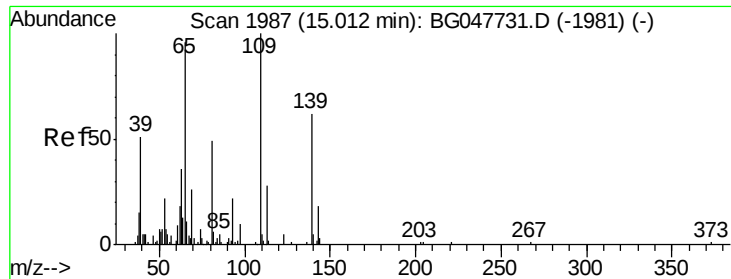
63 56.7 46.5 69.7

154 65.5 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

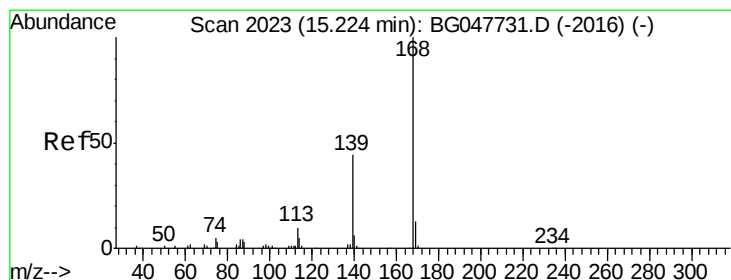
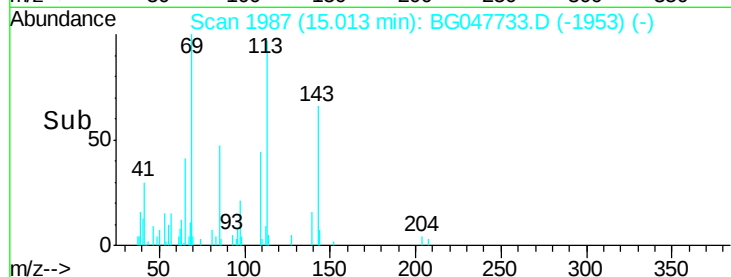
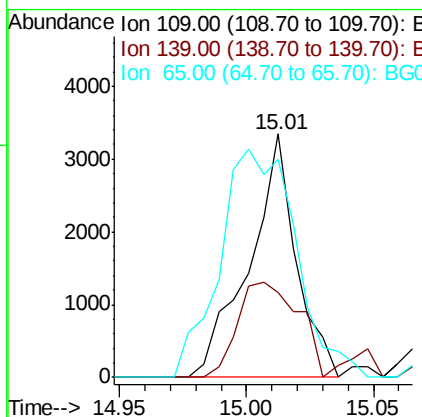
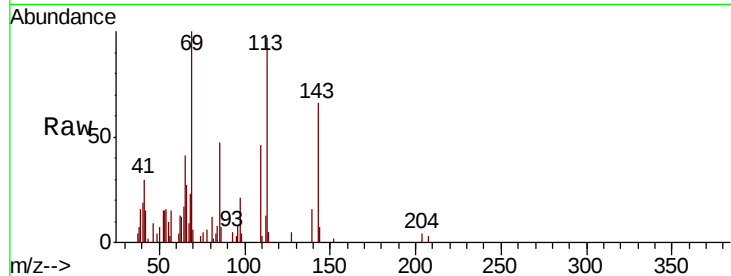




#55
4-Nitrophenol
Concen: 2.702 ng/ul
RT: 15.01 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

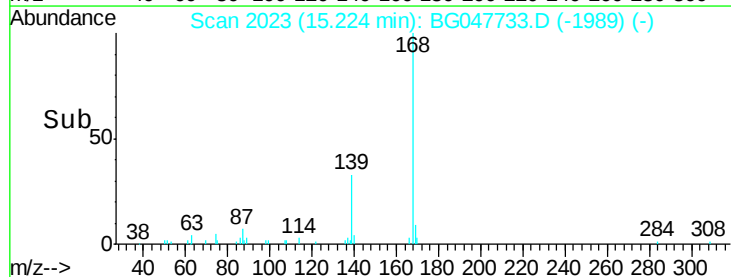
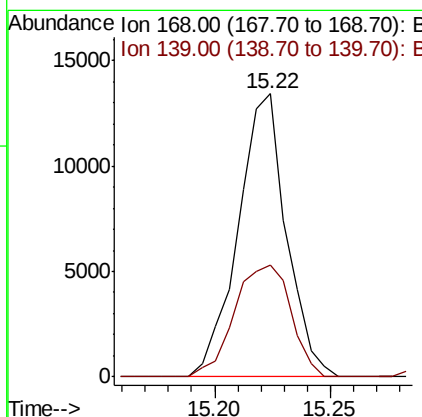
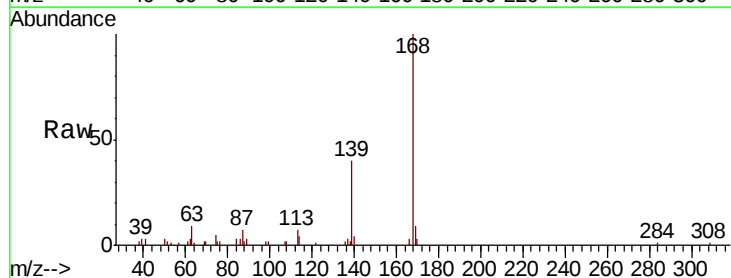
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

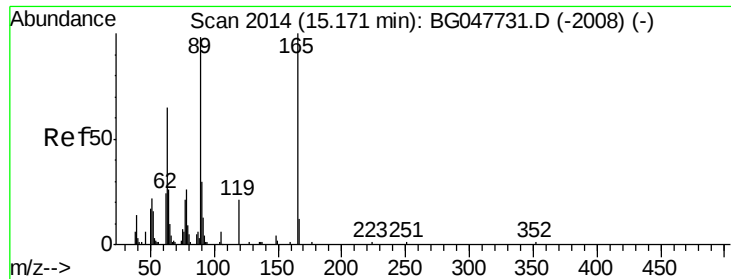
Tot Ion:109 Resp: 4334
Ion Ratio Lower Upper
109 100
139 35.0 47.0 70.6#
65 89.3 74.7 112.1



#56
Dibenzofuran
Concen: 2.840 ng/ul
RT: 15.22 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion:168 Resp: 19566
Ion Ratio Lower Upper
168 100
139 39.7 34.0 51.0

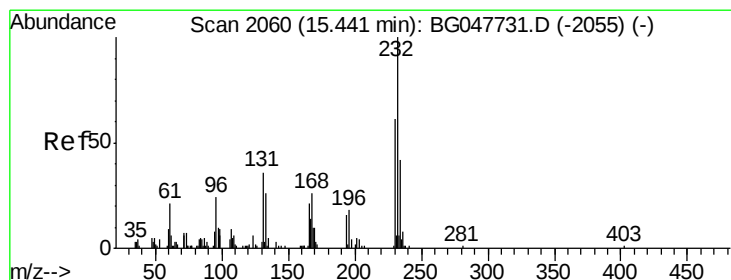
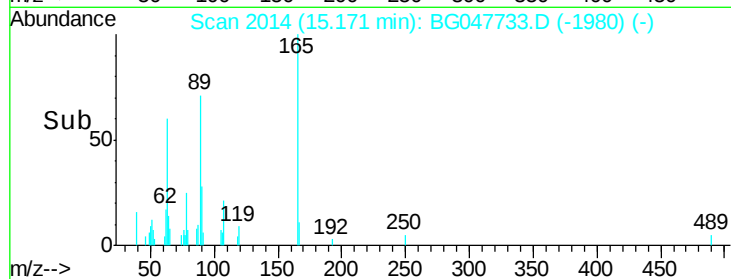
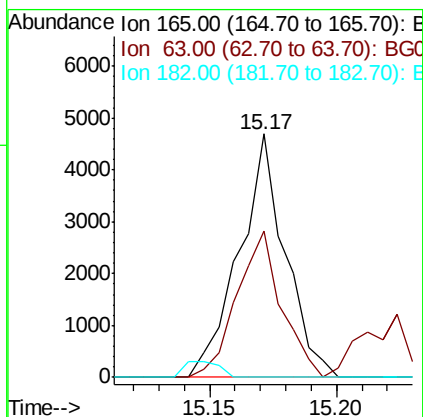
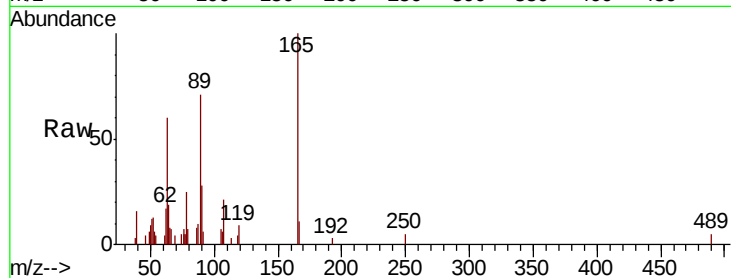




#57
 2,4-Dinitrotoluene
 Concen: 3.071 ng/ul
 RT: 15.17 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

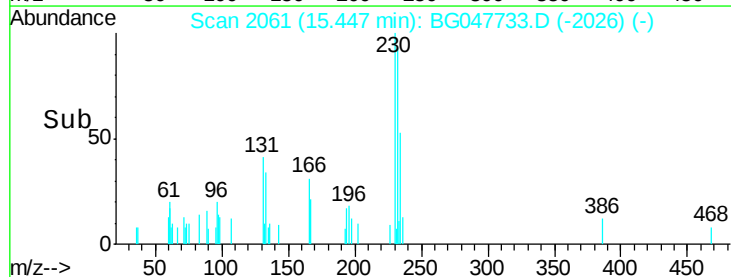
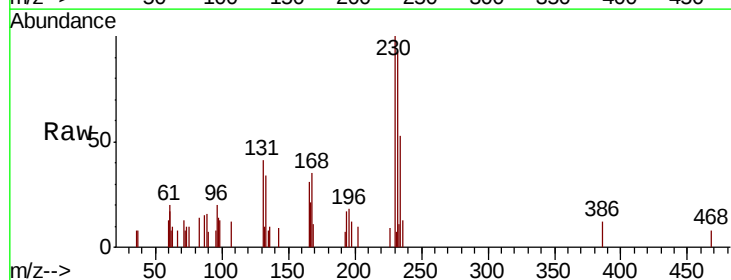
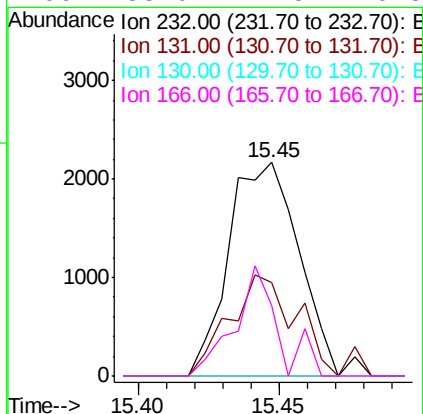
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

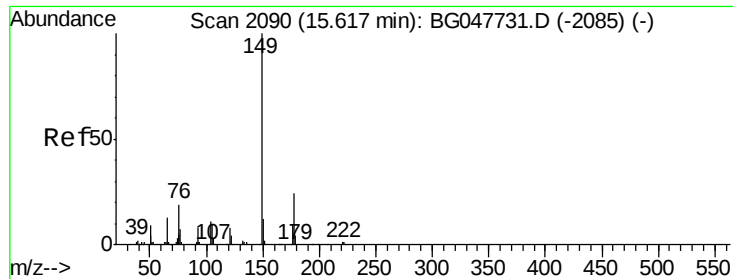
Tot Ion:165 Resp: 5918
 Ion Ratio Lower Upper
 165 100
 63 59.9 54.6 81.8
 182 0.0 2.6 3.8#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.041 ng/ul
 RT: 15.45 min Scan# 2061
 Delta R.T. 0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

Tgt Ion:232 Resp: 3721
 Ion Ratio Lower Upper
 232 100
 131 44.0 31.9 47.9
 130 0.0 3.0 4.6#
 166 33.0 17.5 26.3#

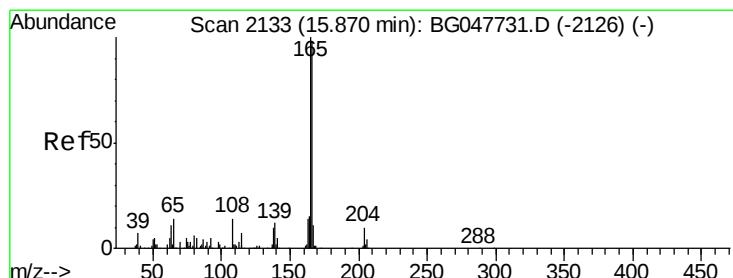
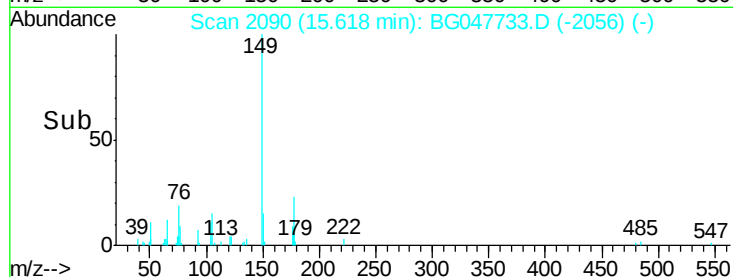
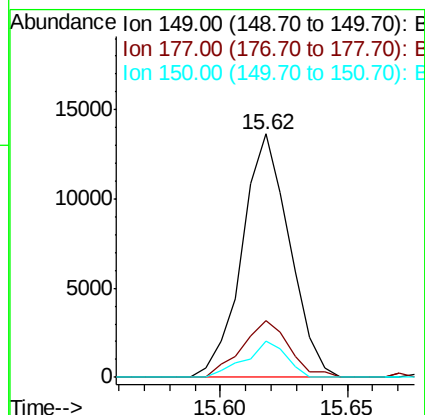
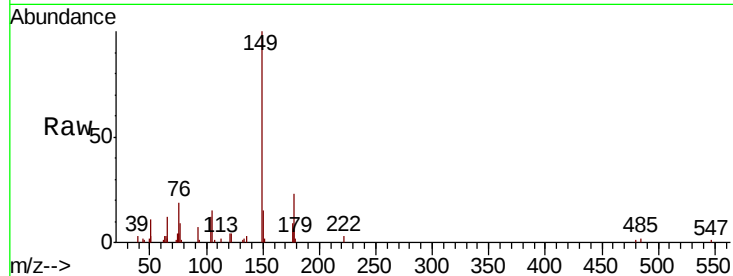




#59
Diethylphthalate
Concen: 2.827 ng/ul
RT: 15.62 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

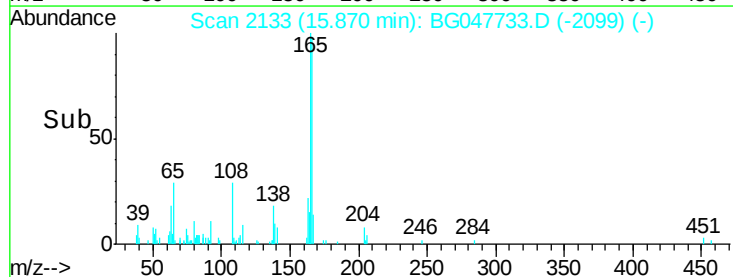
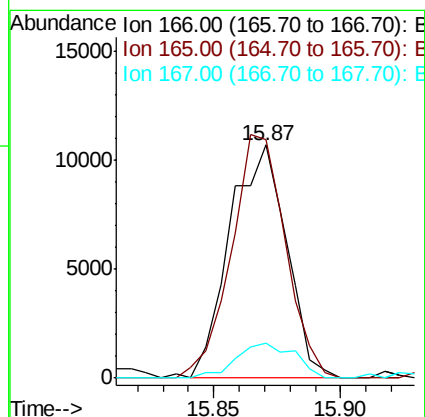
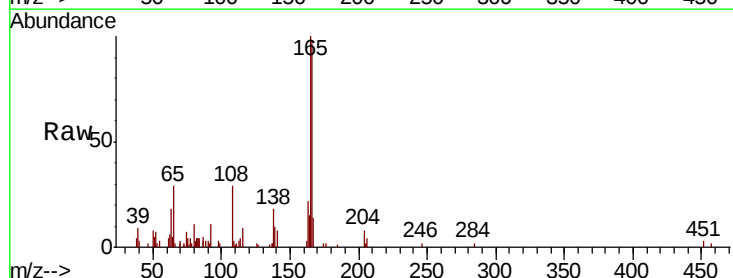
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

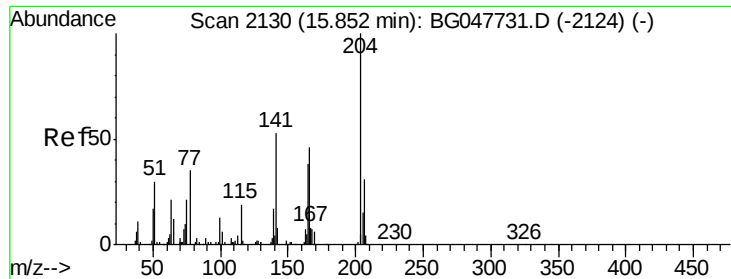
Tot Ion:149 Resp: 17810
Ion Ratio Lower Upper
149 100
177 23.4 20.6 31.0
150 14.7 11.1 16.7



#61
Fluorene
Concen: 2.813 ng/ul
RT: 15.87 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion:166 Resp: 16658
Ion Ratio Lower Upper
166 100
165 102.3 75.4 113.2
167 14.8 12.3 18.5





#62

4-Chlorophenyl-phenylether

Concen: 2.593 ng/ul

RT: 15.85 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

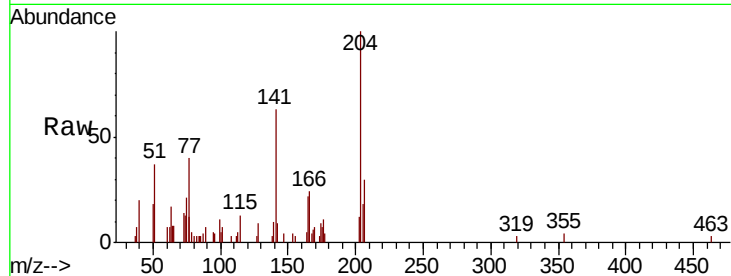
Tot Ion:204 Resp: 9604

Ion Ratio Lower Upper

204 100

206 30.1 26.2 39.2

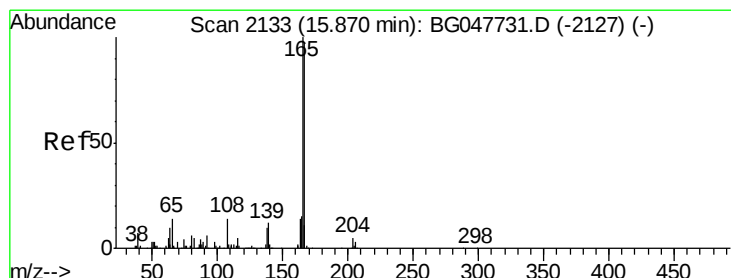
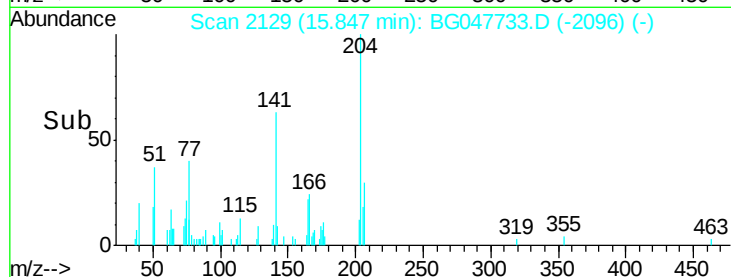
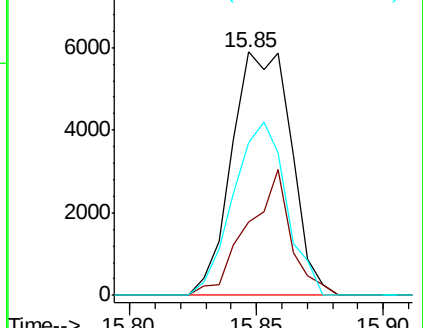
141 62.9 40.9 61.3#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

4-Nitroaniline

Concen: 4.074 ng/ul

RT: 15.86 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

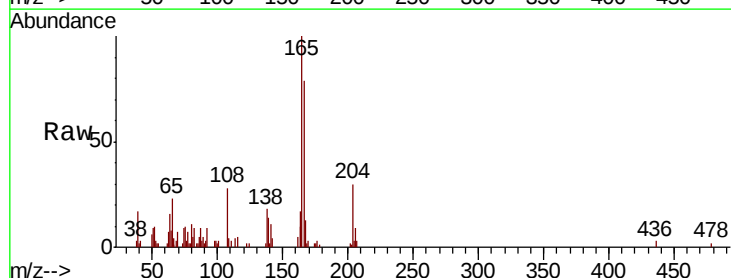
Tgt Ion:138 Resp: 3698

Ion Ratio Lower Upper

138 100

92 47.9 31.9 47.9#

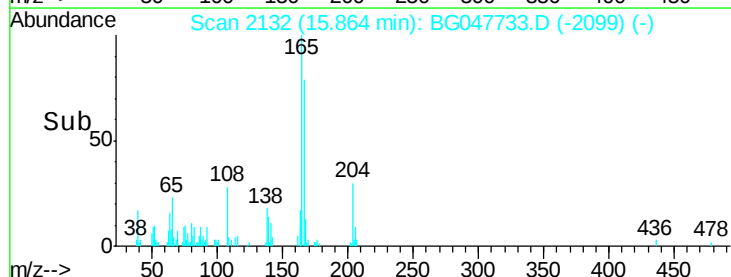
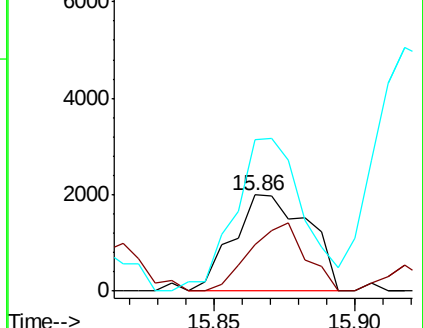
108 157.7 109.1 163.7

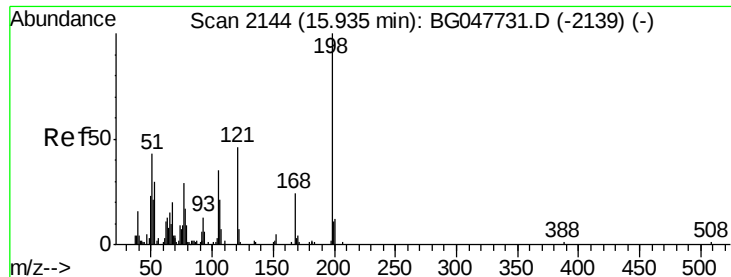


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

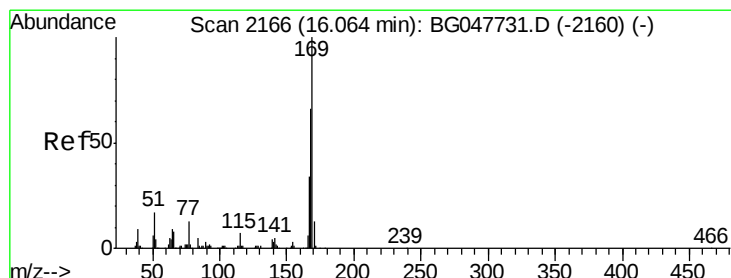
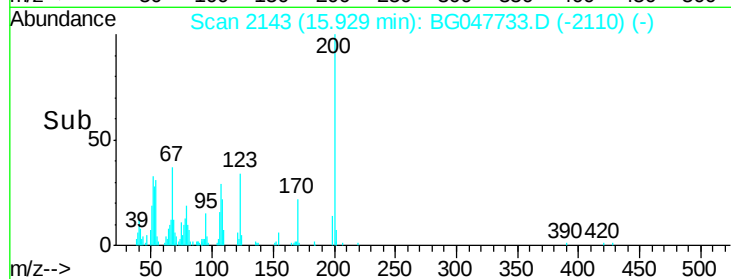
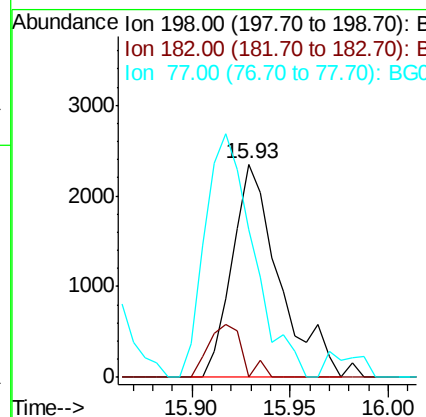
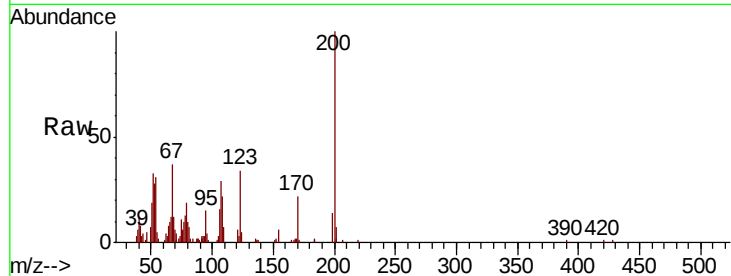




#66
 4,6-Dinitro-2-methylphenol
 Concen: 2.822 ng/ul m
 RT: 15.93 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

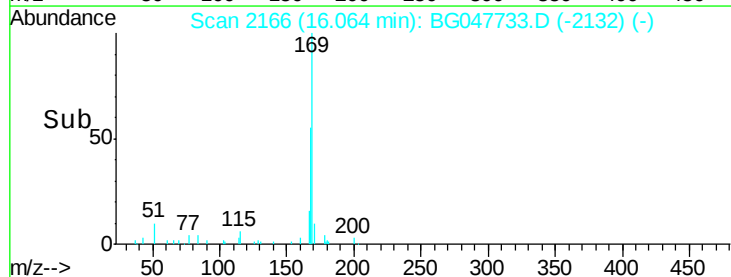
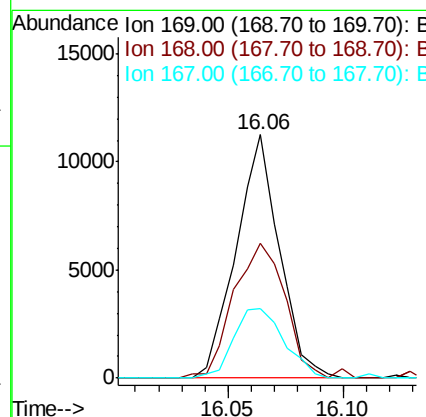
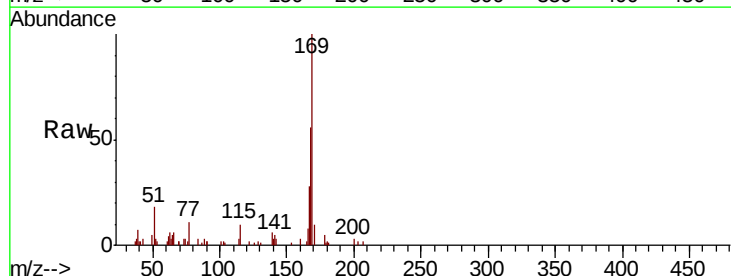
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-02

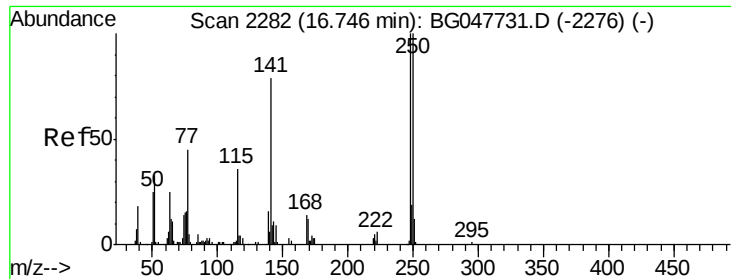
Tot Ion	Ratio	Lower	Upper
198	100		
182	0.0	2.9	4.3#
77	69.2	26.1	39.1#



#67
 N-Nitrosodiphenylamine
 Concen: 2.650 ng/ul
 RT: 16.06 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	55.6	53.8	80.8
167	28.3	29.8	44.8#

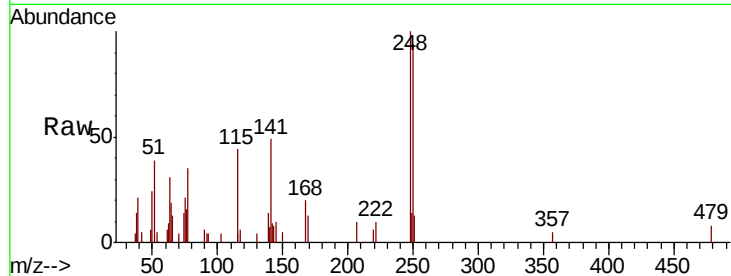




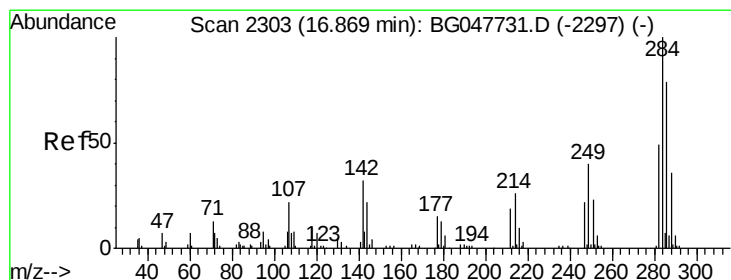
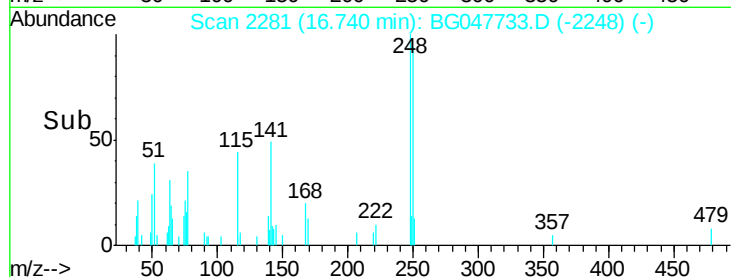
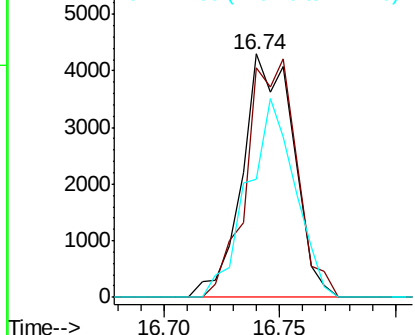
#68
4-Bromophenyl-phenylether
Concen: 2.573 ng/ul
RT: 16.74 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

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

Tot Ion:248 Resp: 6597
Ion Ratio Lower Upper
248 100
250 94.3 77.2 115.8
141 48.5 61.8 92.6#

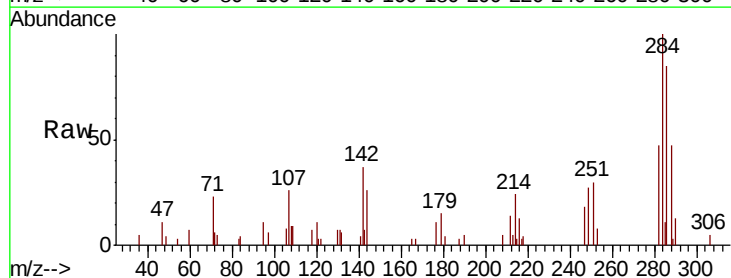


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

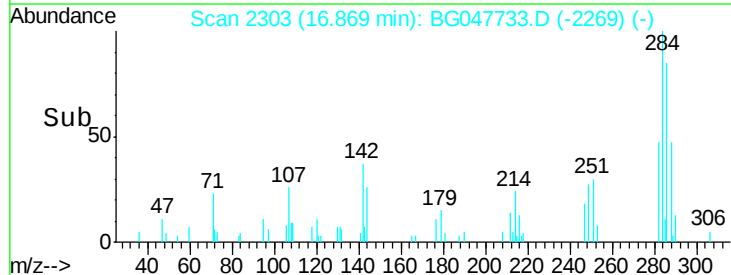
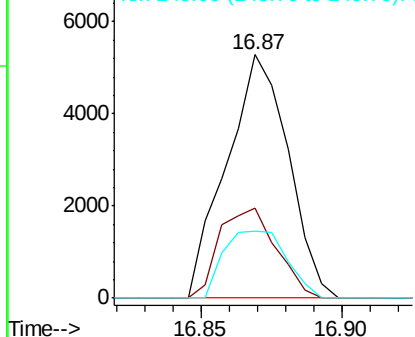


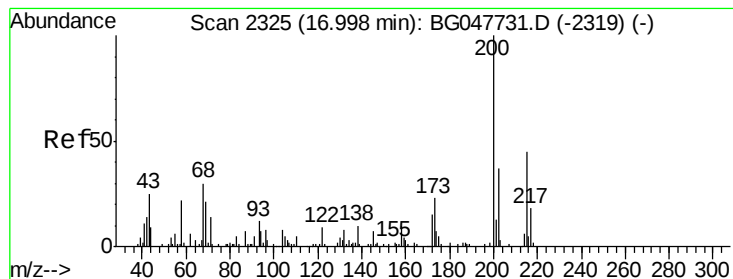
#69
Hexachlorobenzene
Concen: 2.842 ng/ul
RT: 16.87 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion:284 Resp: 7999
Ion Ratio Lower Upper
284 100
142 33.3 29.3 43.9
249 24.7 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: 2.480 ng/ul

RT: 16.99 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

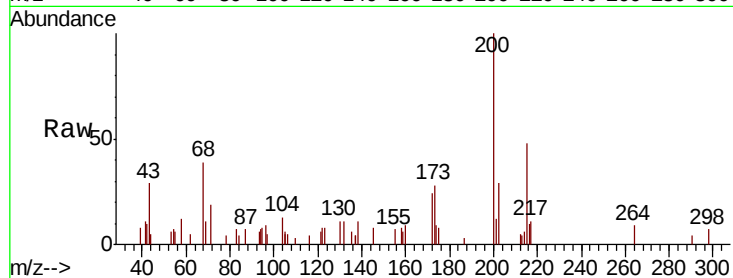
Tot Ion:200 Resp: 6566

Ion Ratio Lower Upper

200 100

173 27.7 14.9 22.3#

215 48.1 42.5 63.7

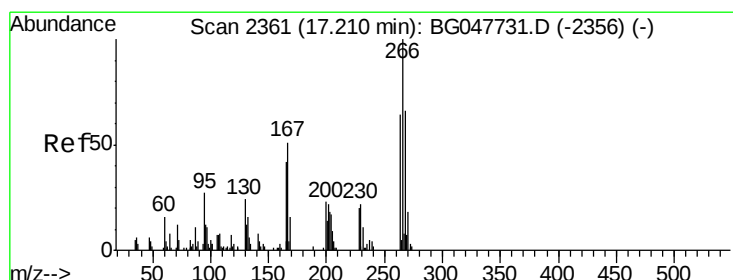
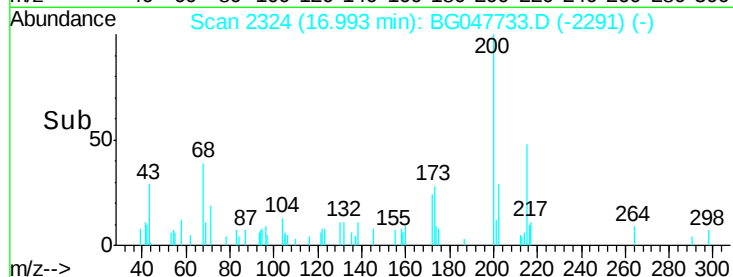
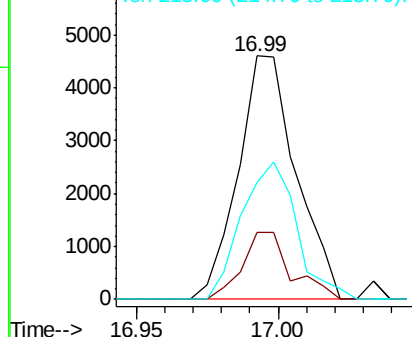


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71

Pentachlorophenol

Concen: 0.627 ng/ul

RT: 17.22 min Scan# 2363

Delta R.T. 0.02 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

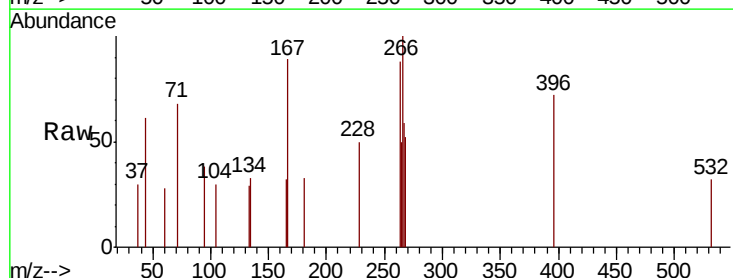
Tgt Ion:266 Resp: 829

Ion Ratio Lower Upper

266 100

264 88.1 56.8 85.2#

268 51.5 56.8 85.2#

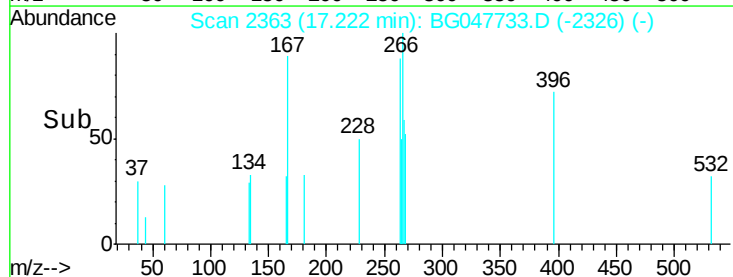
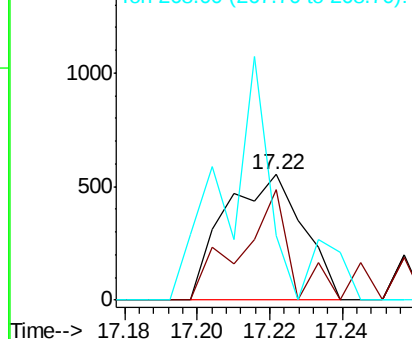


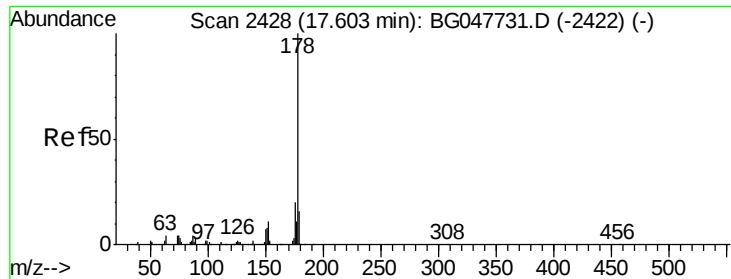
Abundance

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

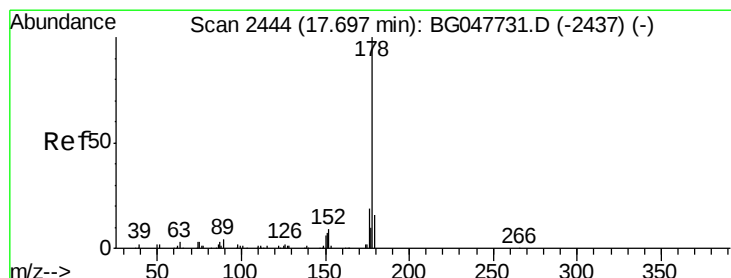
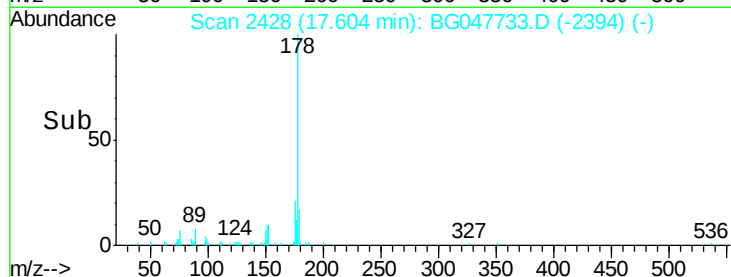
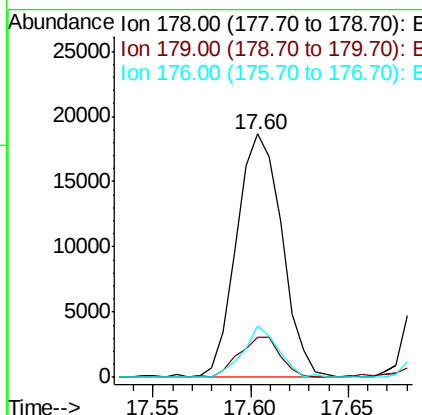
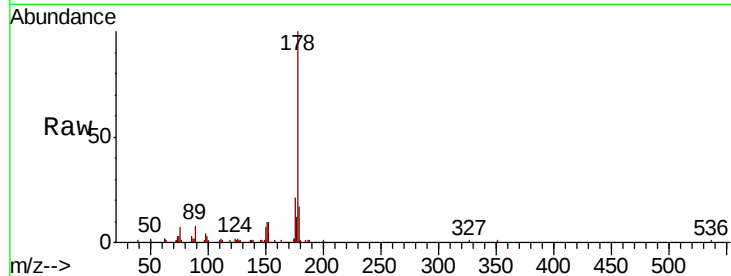




#72
Phenanthrene
Concen: 2.771 ng/ul
RT: 17.60 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

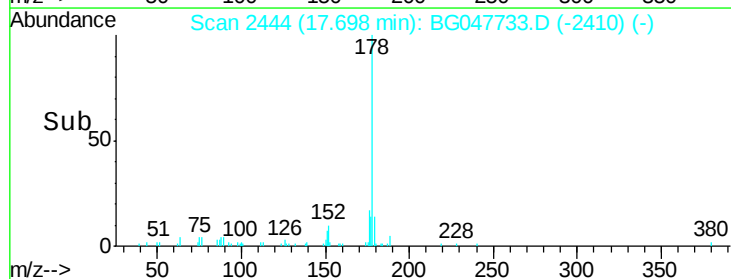
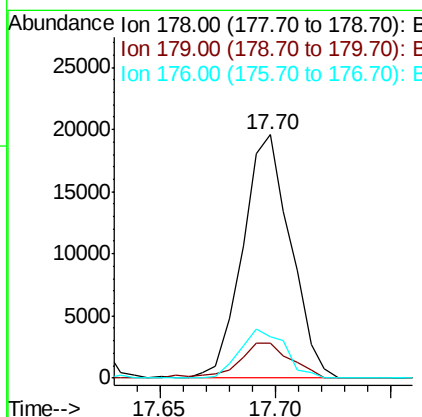
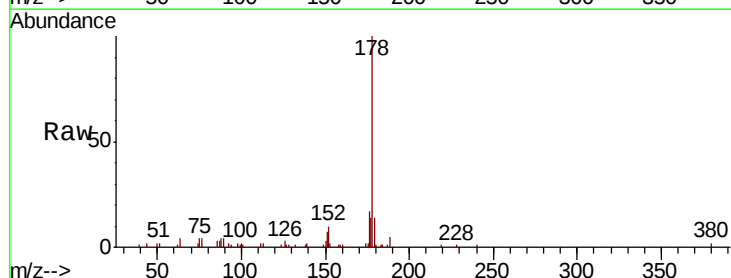
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

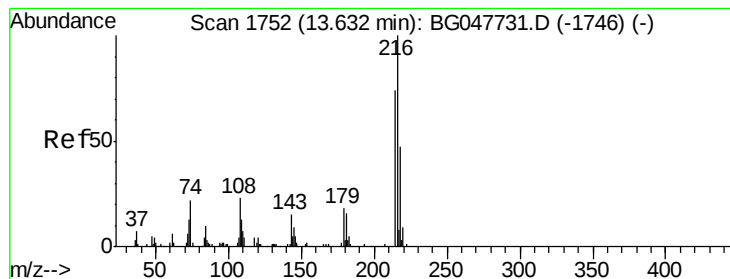
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.5	20.3
176	21.3	15.3	22.9



#74
Anthracene
Concen: 2.600 ng/ul
RT: 17.70 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.0	18.0
176	16.7	15.4	23.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.411 ng/uL

RT: 13.64 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

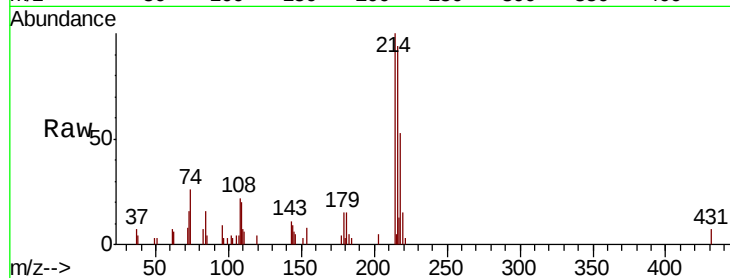
Tot Ion:216 Resp: 7802

Ion Ratio Lower Upper

216 100

214 106.4 58.6 87.8#

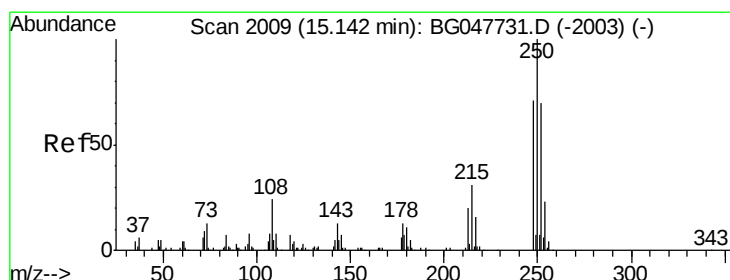
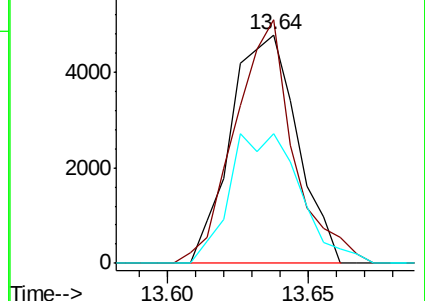
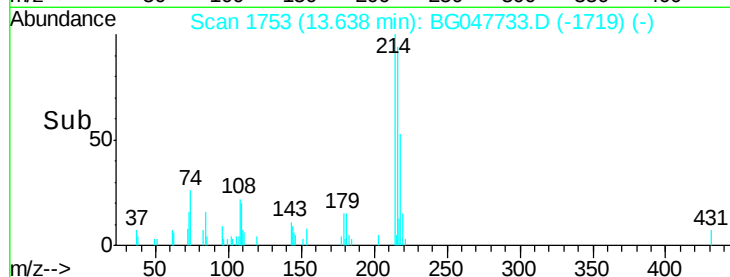
218 56.5 40.1 60.1



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: 2.665 ng/uL

RT: 15.14 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

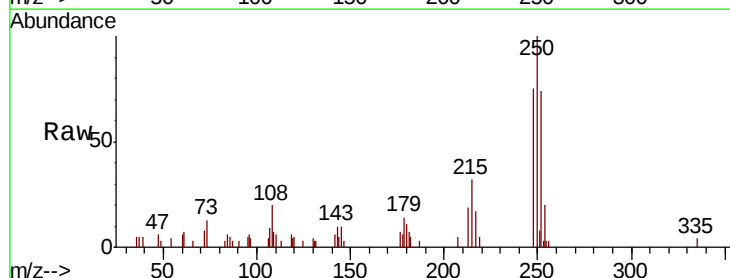
Tgt Ion:250 Resp: 8415

Ion Ratio Lower Upper

250 100

248 75.4 49.4 74.0#

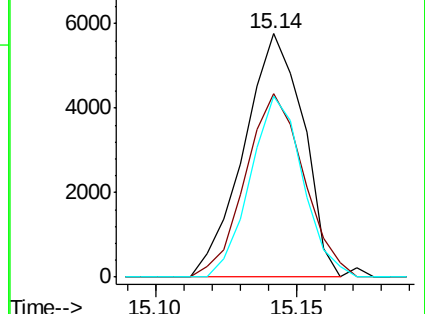
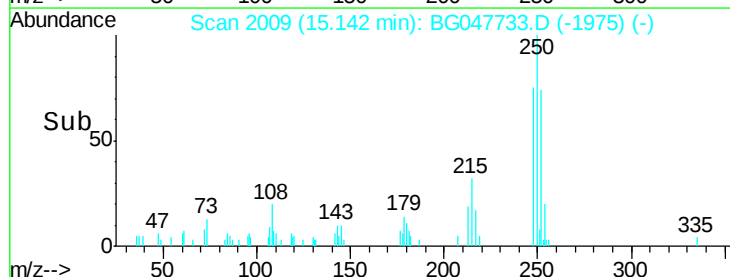
252 74.5 52.7 79.1

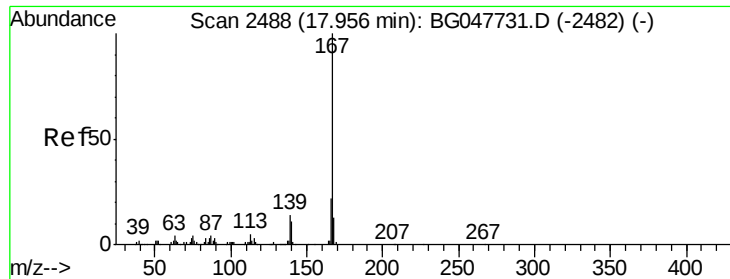


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

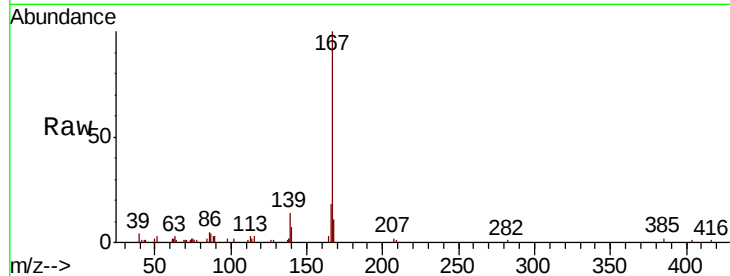




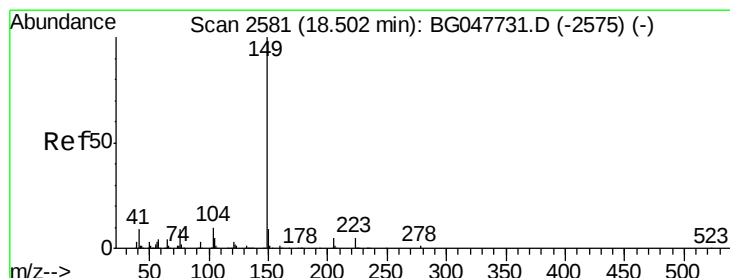
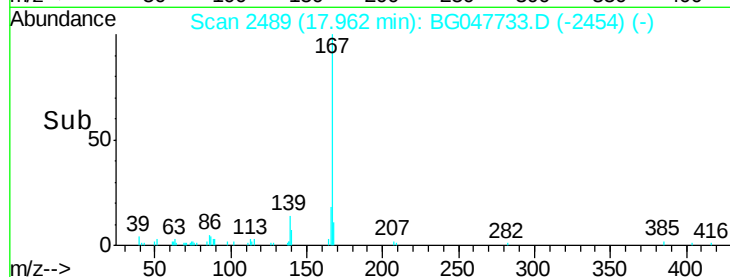
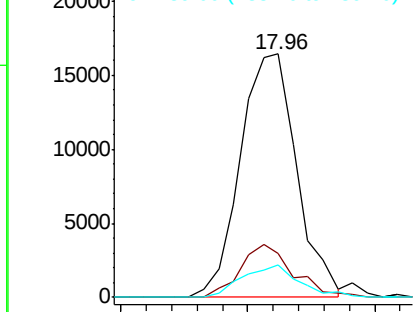
#77
 Carbazole
 Concen: 2.878 ng/ul
 RT: 17.96 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

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

Tot Ion:167 Resp: 25412
 Ion Ratio Lower Upper
 167 100
 166 18.1 17.6 26.4
 139 13.5 10.2 15.2

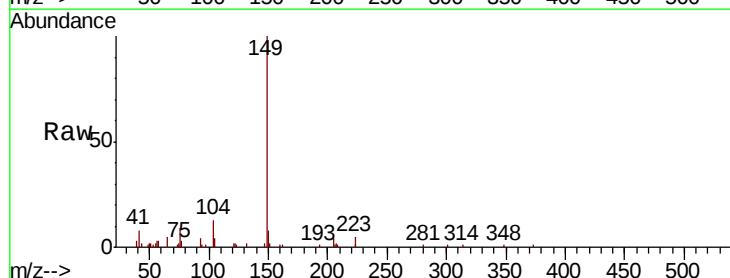


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

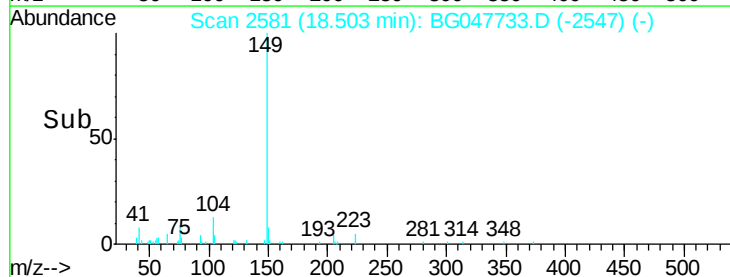
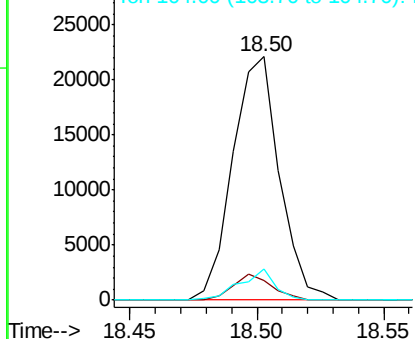


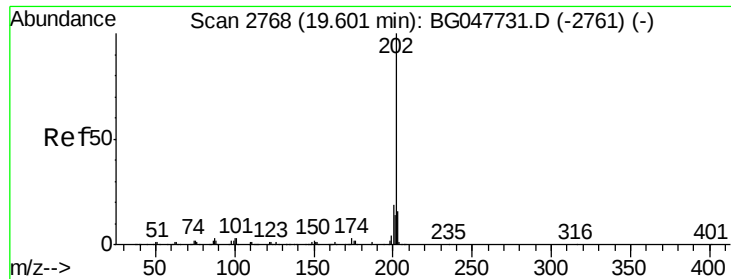
#78
 Di-n-butylphthalate
 Concen: 2.616 ng/ul
 RT: 18.50 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG047733.D
 Acq: 14 Dec 2020 12:20

Tgt Ion:149 Resp: 28329
 Ion Ratio Lower Upper
 149 100
 150 8.2 7.3 10.9
 104 12.6 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

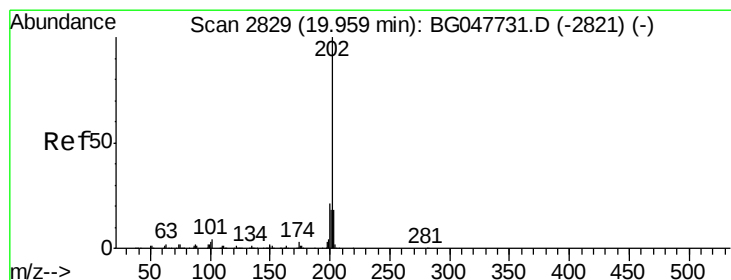
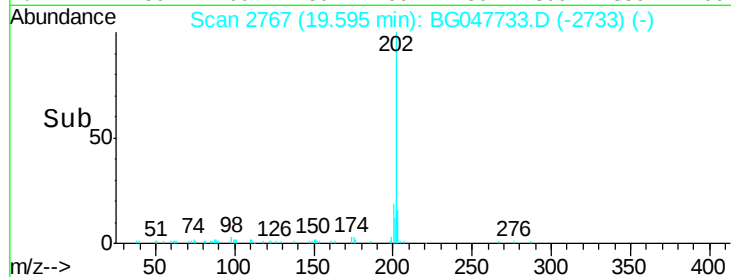
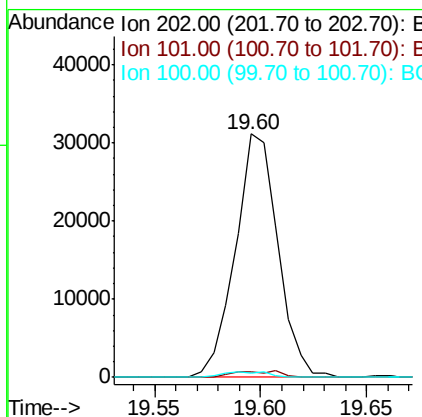
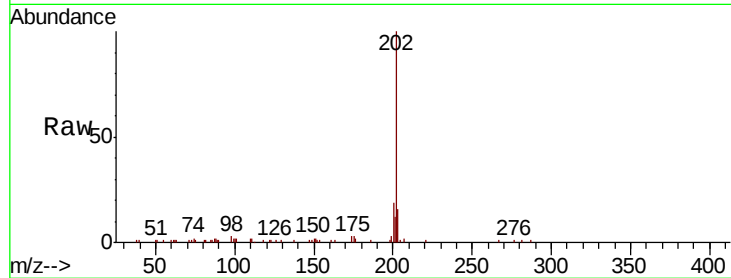




#80
Fluoranthene
Concen: 2.707 ng/ul
RT: 19.60 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

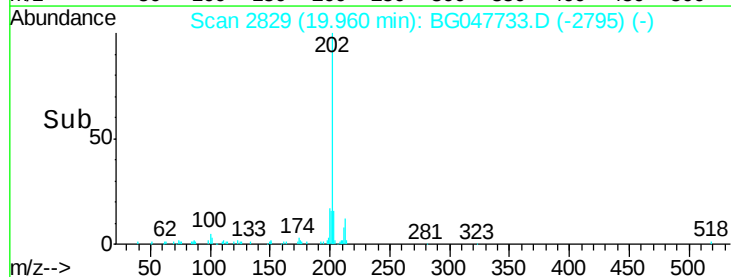
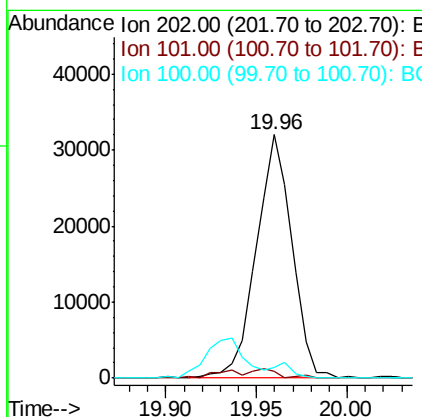
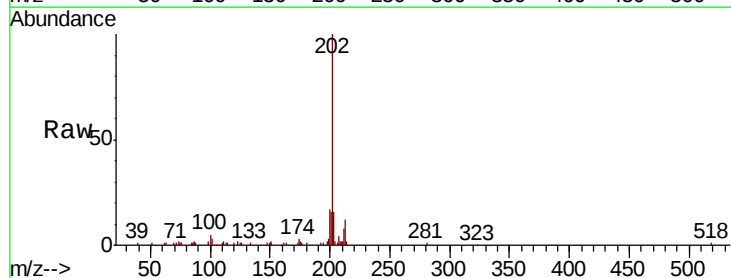
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

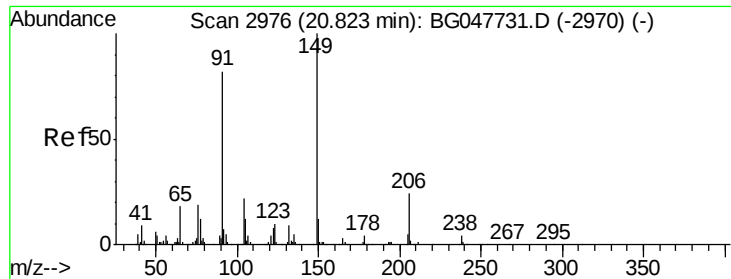
Tot Ion	Ratio	Lower	Upper
202	100		
101	2.2	2.8	4.2#
100	1.7	2.3	3.5#



#82
Pyrene
Concen: 2.760 ng/ul
RT: 19.96 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	2.8	3.8	5.6#
100	4.5	3.0	4.6

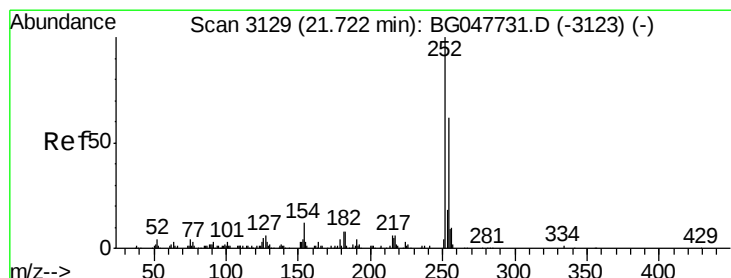
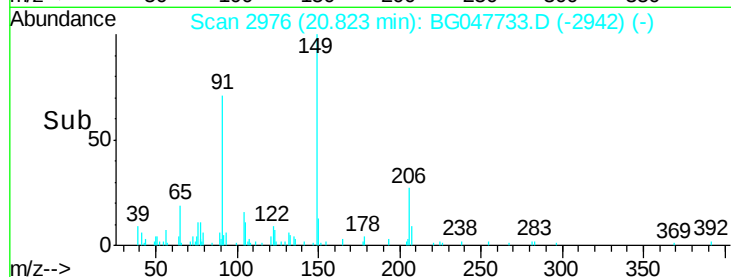
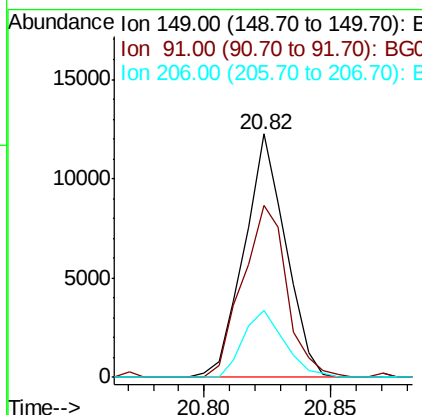
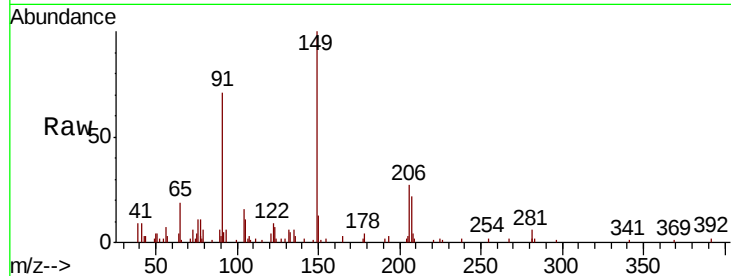




#83
Butylbenzylphthalate
Concen: 2.520 ng/ul
RT: 20.82 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

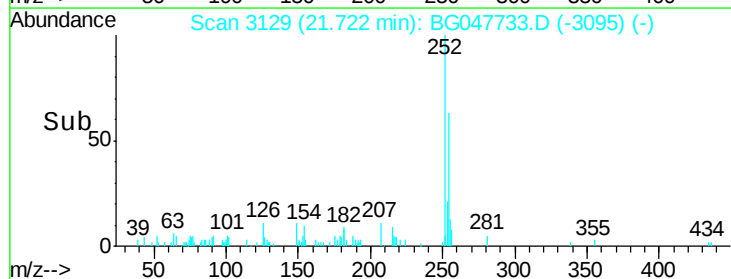
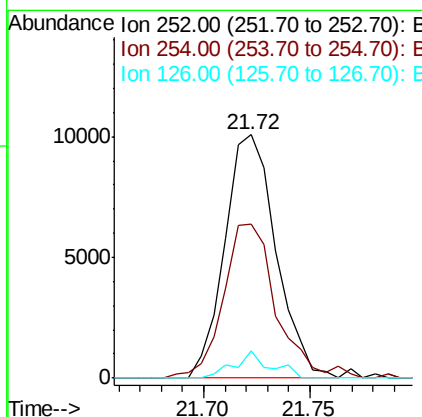
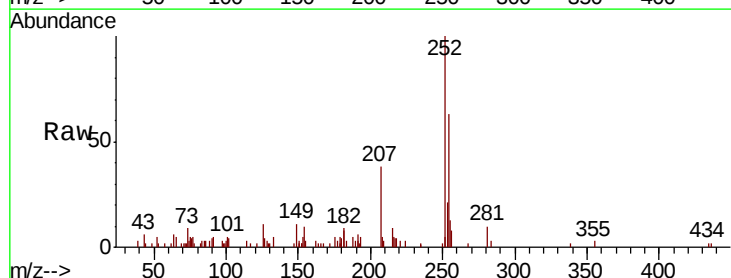
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-02

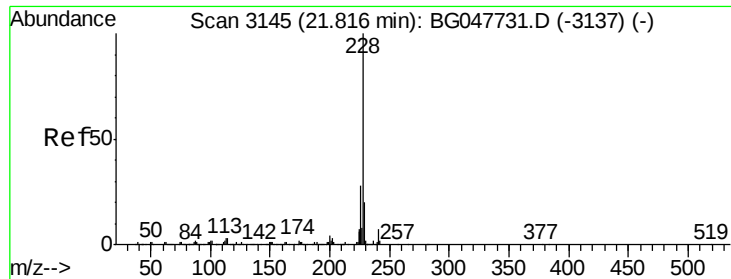
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	64.6	97.0
206	27.4	20.3	30.5



#84
3,3'-Dichlorobenzidine
Concen: 2.942 ng/ul
RT: 21.72 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG047733.D
Acq: 14 Dec 2020 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	46.9	70.3
126	11.2	3.8	5.8





#85

Benzo(a)anthracene

Concen: 2.712 ng/ul

RT: 21.82 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

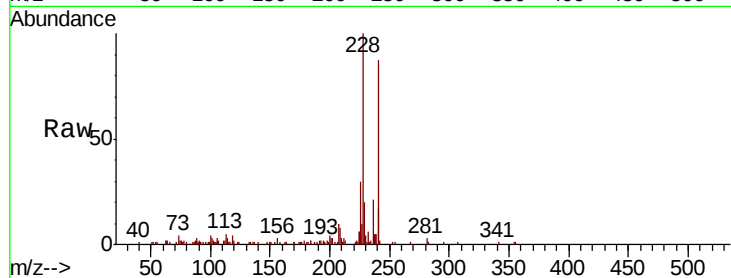
BNA_G

ClientSampleId :

MDL-ME-SOIL-02

Tot Ion:228 Resp: 44823

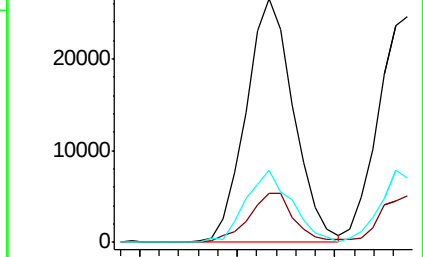
Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.2	24.4
226	29.8	20.4	30.6



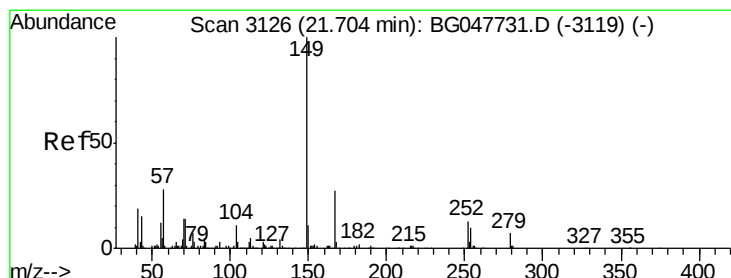
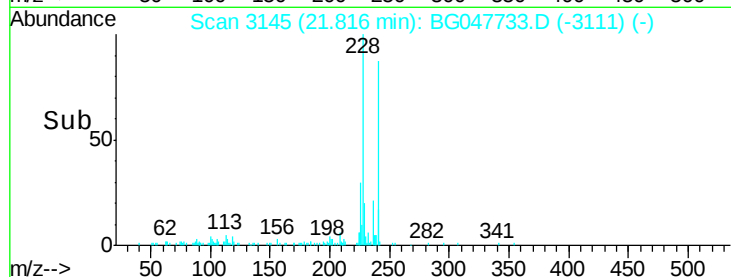
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.658 ng/ul

RT: 21.70 min Scan# 3125

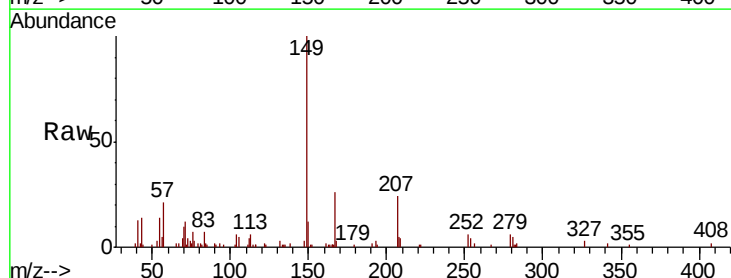
Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Tgt Ion:149 Resp: 20251

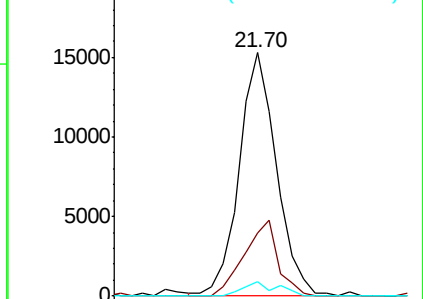
Ion	Ratio	Lower	Upper
149	100		
167	26.2	25.1	37.7
279	5.7	5.2	7.8



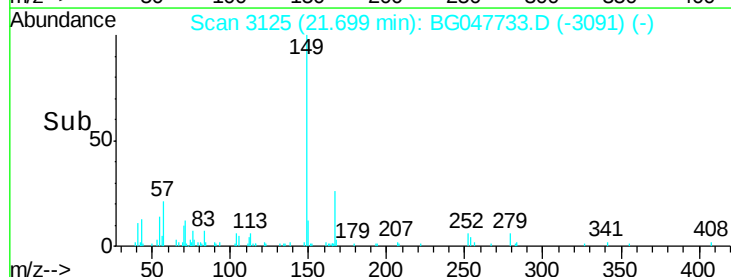
Abundance Ion 149.00 (148.70 to 149.70): E

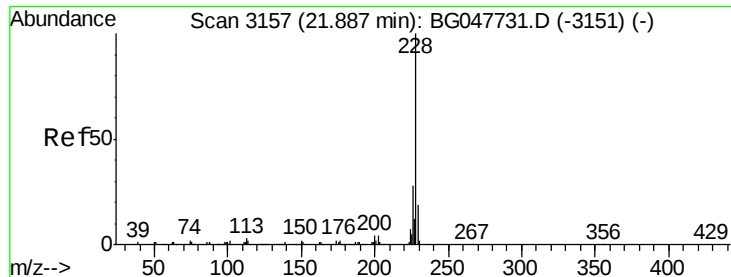
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#87

Chrysene

Concen: 2.733 ng/ul

RT: 21.89 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

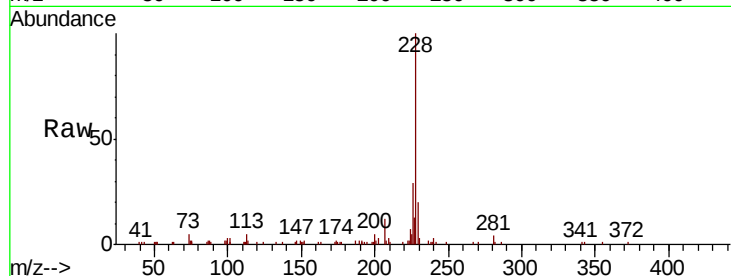
Tot Ion:228 Resp: 42866

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

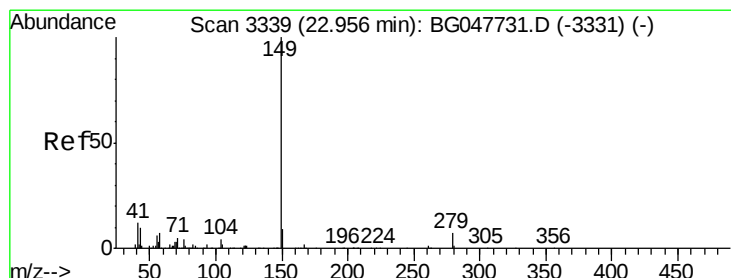
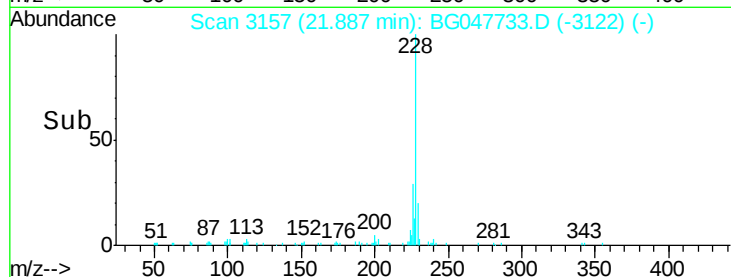
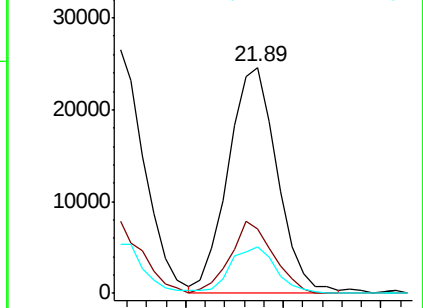
229 20.4 16.2 24.2



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: 2.588 ng/ul

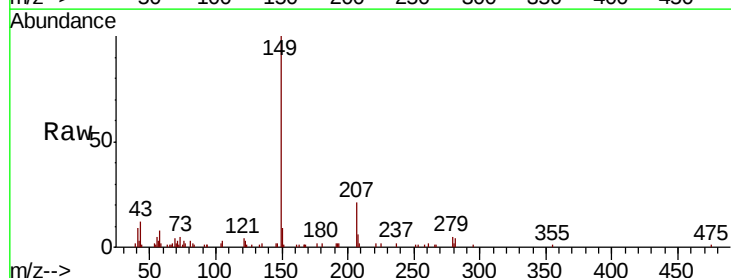
RT: 22.96 min Scan# 3339

Delta R.T. -0.00 min

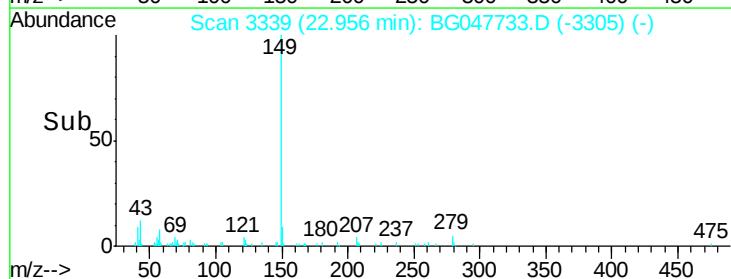
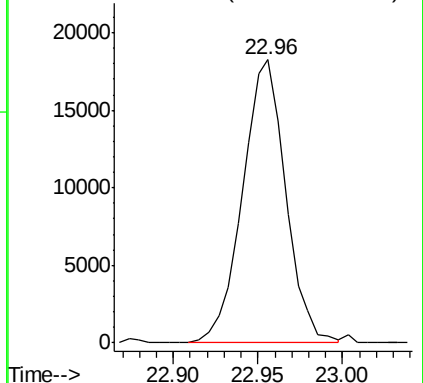
Lab File: BG047733.D

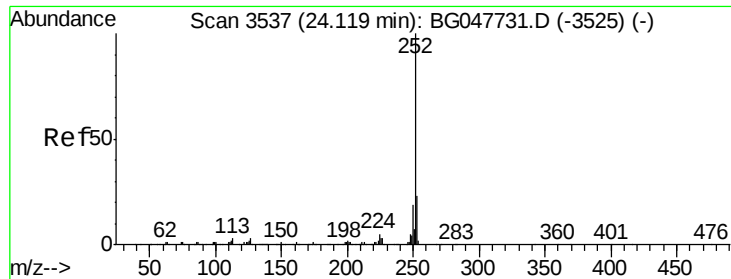
Acq: 14 Dec 2020 12:20

Tgt Ion:149 Resp: 32449



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 2.667 ng/ul

RT: 24.11 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

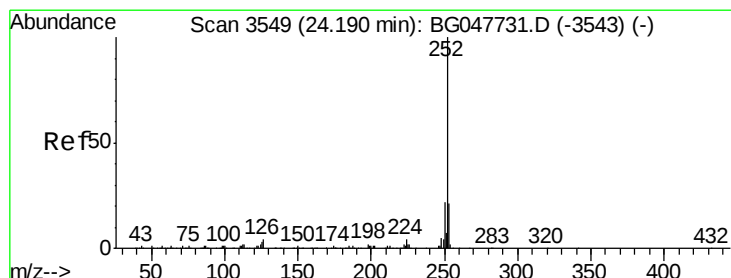
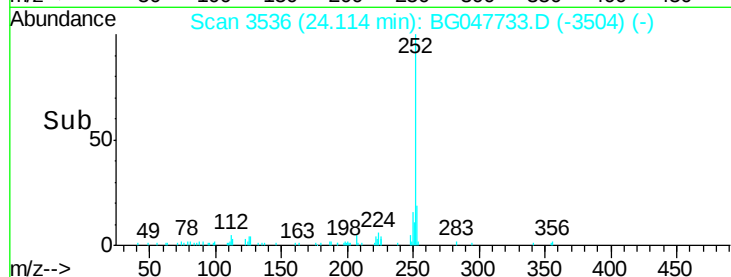
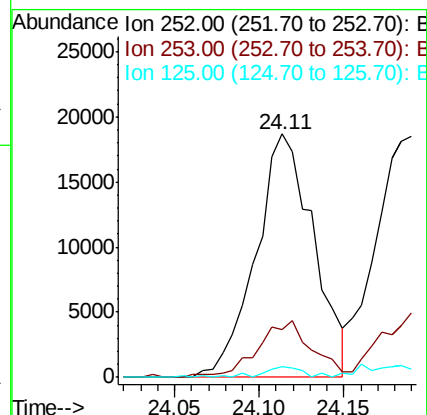
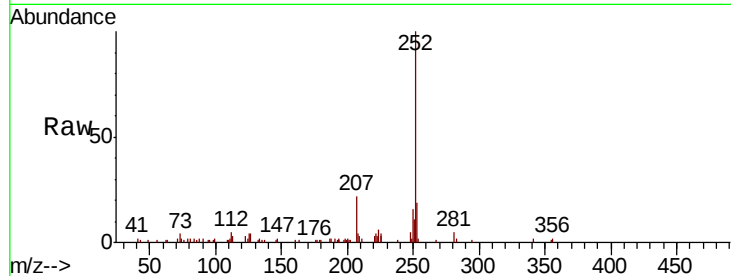
Tot Ion:252 Resp: 44416

Ion Ratio Lower Upper

252 100

253 19.5 16.6 24.8

125 4.2 1.8 2.8#



#91

Benzo(k)fluoranthene

Concen: 2.881 ng/ul

RT: 24.19 min Scan# 3549

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

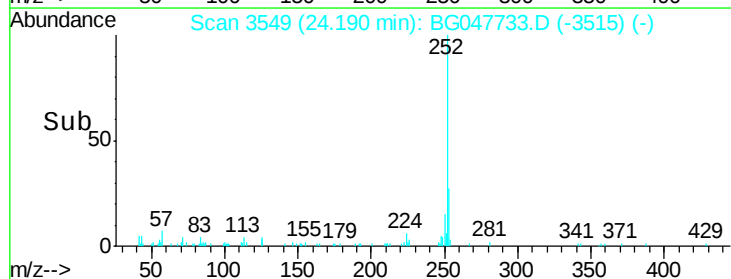
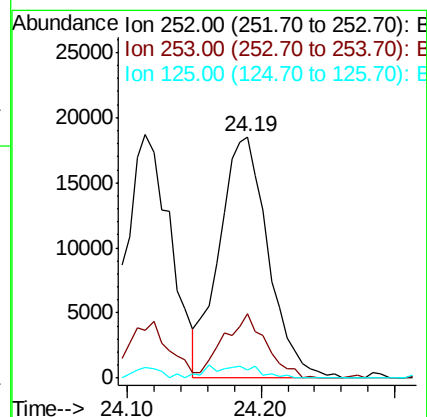
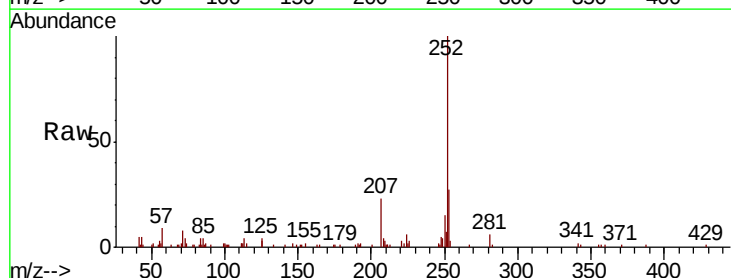
Tgt Ion:252 Resp: 47405

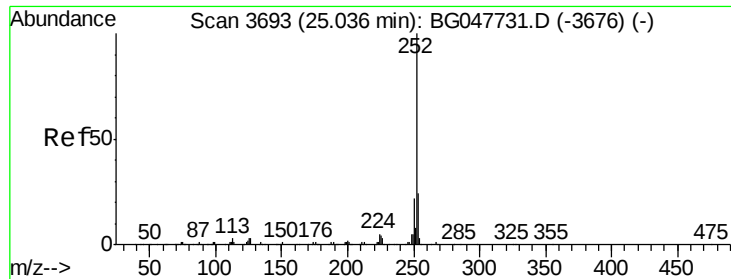
Ion Ratio Lower Upper

252 100

253 26.7 17.0 25.4#

125 3.6 2.2 3.2#





#93

Benzo(a)pyrene

Concen: 2.771 ng/ul

RT: 25.04 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

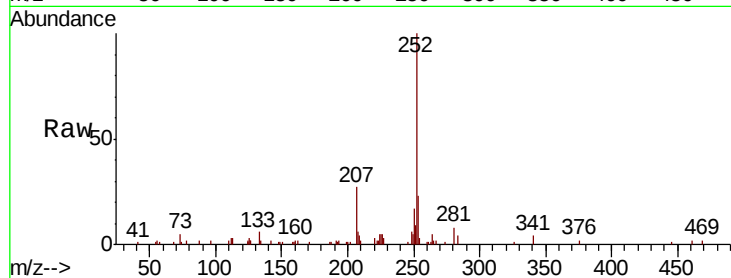
Tot Ion:252 Resp: 40701

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

125 5.1 2.6 4.0#

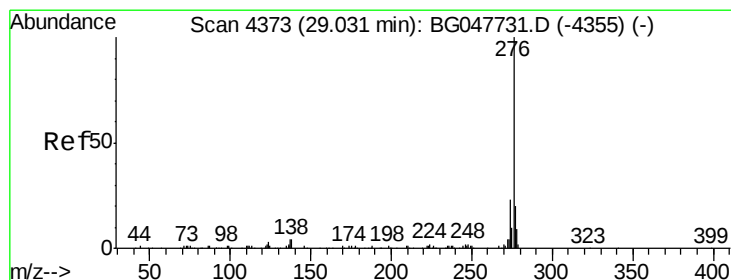
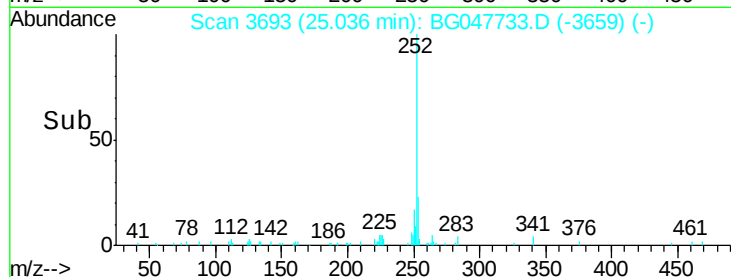
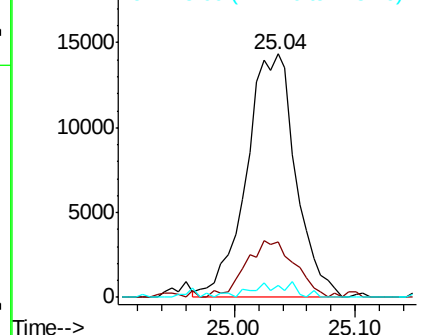


Abundance

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: 2.570 ng/ul m

RT: 29.02 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

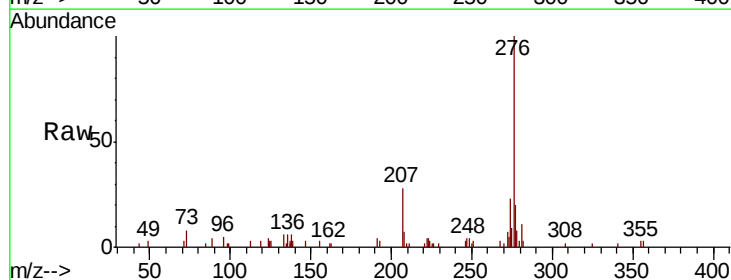
Tgt Ion:276 Resp: 46717

Ion Ratio Lower Upper

276 100

138 5.6 5.1 7.7

277 20.0 18.4 27.6

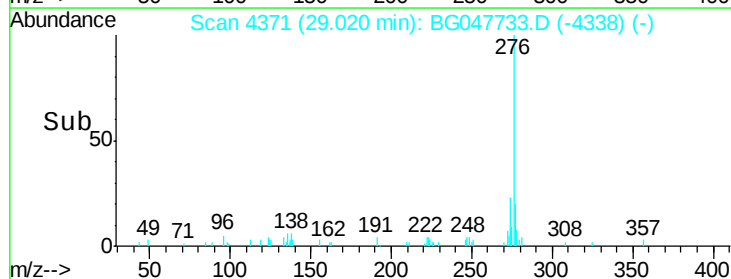
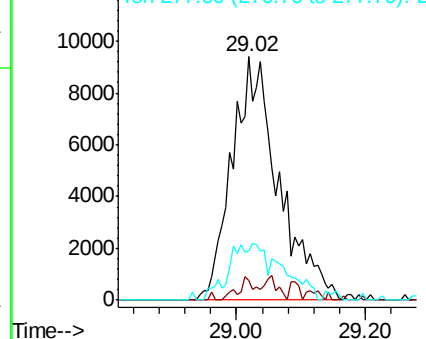


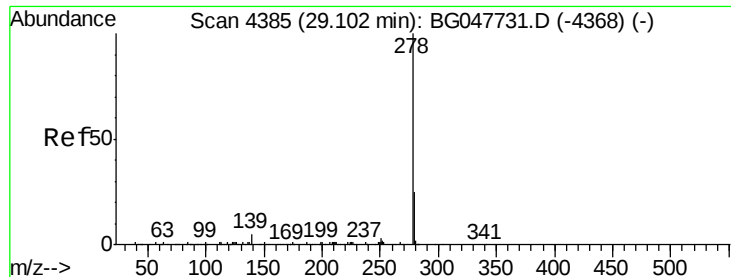
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 2.805 ng/ul m

RT: 29.10 min Scan# 4385

Delta R.T. 0.00 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-02

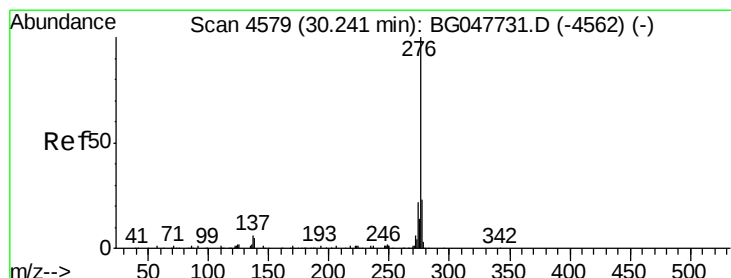
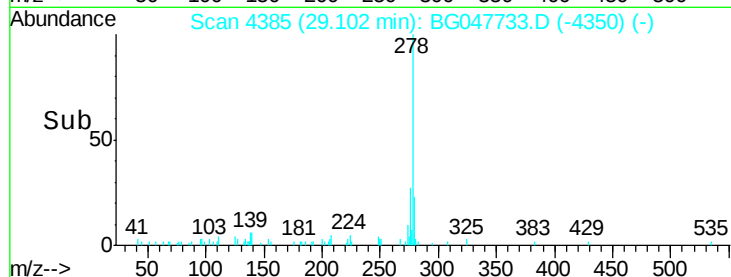
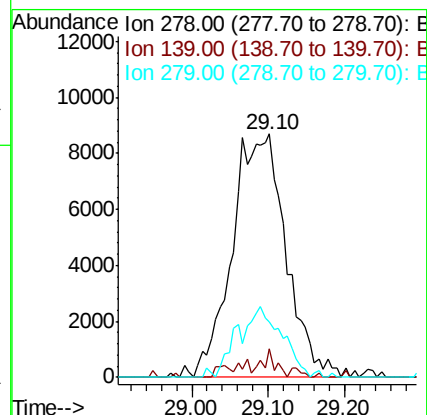
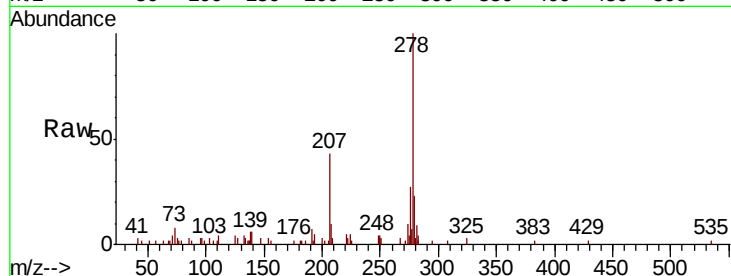
Tot Ion:278 Resp: 42337

Ion Ratio Lower Upper

278 100

139 5.8 3.5 5.3#

279 22.5 18.6 28.0



#96

Benzo(g,h,i)perylene

Concen: 2.634 ng/ul m

RT: 30.23 min Scan# 4577

Delta R.T. -0.01 min

Lab File: BG047733.D

Acq: 14 Dec 2020 12:20

Tgt Ion:276 Resp: 39431

Ion Ratio Lower Upper

276 100

138 7.3 4.2 6.4#

277 34.8 16.0 24.0#

