

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
 Data File : BG047722.D
 Acq On : 11 Dec 2020 20:29
 Operator : CG/JU
 Sample : L4485-03
 Misc : MDL-SOIL-03
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

Quant Time: Dec 12 00:01:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 23:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	40532	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	166051	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.82	164	124383	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	295137	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	326451	20.00	ng/ul	0.00
88) Perylene-d12	25.19	264	352836	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5400	5.86	ng/uL	0.00
4) Pyridine-d5	3.96	84	62892	24.05	ng/ul	0.00
7) Phenol-d5	7.34	99	122095	35.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	70642	39.43	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	92262	35.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	100962	39.04	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	46781	33.48	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	55391	34.83	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	111780	33.27	ng/ul	0.00
31) 4-Chloroaniline-d4	11.16	131	125046	31.98	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	360806	35.15	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	437551	37.27	ng/ul	0.00
54) 4-Nitrophenol-d4	14.99	143	50953	32.59	ng/ul	0.00
60) Fluorene-d10	15.81	176	324048	33.81	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	73186	36.23	ng/ul	0.00
73) Anthracene-d10	17.66	188	497687	34.68	ng/ul	0.00
81) Pyrene-d10	19.93	212	583898	33.04	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	638857	32.26	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	546	0.574	ng/uL# 21
5) Pyridine	3.98	79	4516	1.841	ng/ul# 17
6) Benzaldehyde	7.33	77	8369	5.357	ng/ul# 78
8) Phenol	7.37	94	9752	2.919	ng/ul# 86
10) Bis(2-Chloroethyl)ether	7.61	93	7562	3.254	ng/ul# 96
12) 2-Chlorophenol	7.76	128	7984	3.130	ng/ul# 85
13) 2-Methylphenol	8.64	108	7819	3.076	ng/ul 97
14) 2,2'-oxybis(1-Chloropropan	8.74	45	7557	3.494	ng/ul# 88
16) Acetophenone	9.03	105	14137	3.255	ng/ul# 82
17) N-Nitroso-di-n-propylamine	9.01	70	6994	2.932	ng/ul# 87
18) 4-Methylphenol	8.97	108	8399	3.011	ng/ul 100
19) Hexachloroethane	9.29	117	3868	3.096	ng/ul# 85
22) Nitrobenzene	9.41	77	12004	2.885	ng/ul 93
23) Isophorone	9.93	82	10942	1.514	ng/ul 98
25) 2-Nitrophenol	10.14	139	5087	3.061	ng/ul# 73
26) 2,4-Dimethylphenol	10.18	107	10489	2.689	ng/ul# 86
27) Bis(2-Chloroethoxy)methane	10.42	93	10403	3.016	ng/ul# 94
29) 2,4-Dichlorophenol	10.66	162	8399	2.725	ng/ul# 63
30) Naphthalene	11.09	128	26478	2.886	ng/ul 96
32) 4-Chloroaniline	11.19	127	11599	3.103	ng/ul 98
33) Hexachlorobutadiene	11.36	225	8431	2.547	ng/ul 91
34) Caprolactam	11.97	113	1985	1.901	ng/ul 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.29	107	8899	2.620	ng/ul	97
36) 2-Methylnaphthalene	12.67	142	20951	3.026	ng/ul	87
37) 1-Methylnaphthalene	12.88	142	18219	2.754	ng/ul#	92
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	16022	3.128	ng/ul	91
40) Hexachlorocyclopentadiene	13.01	237	7319	2.179	ng/ul	93
41) 2,4,6-Trichlorophenol	13.26	196	9747	3.173	ng/ul	93
42) 2,4,5-Trichlorophenol	13.26	196	7933	2.438	ng/ul	96
43) 1,1'-Biphenyl	13.67	154	28184	2.934	ng/ul	99
44) 2-Chloronaphthalene	13.71	162	21748	2.876	ng/ul#	88
45) 2-Nitroaniline	13.90	65	7514	2.893	ng/ul	86
47) Dimethylphthalate	14.27	163	31865	3.029	ng/ul#	95
48) 2,6-Dinitrotoluene	14.38	165	6317	2.843	ng/ul	93
50) Acenaphthylene	14.55	152	32546	2.942	ng/ul	97
51) 3-Nitroaniline	14.72	138	5923	3.712	ng/ul#	84
52) Acenaphthene	14.89	153	22401	2.850	ng/ul	93
53) 2,4-Dinitrophenol	14.93	184	2194	1.664	ng/ul#	63
55) 4-Nitrophenol	15.02	109	7448	2.809	ng/ul	92
56) Dibenzofuran	15.22	168	34782	3.055	ng/ul	95
57) 2,4-Dinitrotoluene	15.17	165	9690	3.042	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	8233	2.733	ng/ul	90
59) Diethylphthalate	15.62	149	32474	3.119	ng/ul#	97
61) Fluorene	15.87	166	31022	3.170	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.85	204	17885	2.922	ng/ul#	95
63) 4-Nitroaniline	15.88	138	5890	3.926	ng/ul#	87
66) 4,6-Dinitro-2-methylphenol	15.93	198	6358	3.101	ng/ul#	59
67) N-Nitrosodiphenylamine	16.06	169	25691	3.128	ng/ul	97
68) 4-Bromophenyl-phenylether	16.75	248	12671	3.344	ng/ul	95
69) Hexachlorobenzene	16.86	284	11842	2.847	ng/ul#	87
70) Atrazine	17.00	200	12426	3.176	ng/ul#	84
71) Pentachlorophenol	17.22	266	2497	1.277	ng/ul#	74
72) Phenanthrene	17.70	178	48084	3.000	ng/ul	98
74) Anthracene	17.70	178	48084	3.003	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	13307	2.782	ng/uL#	91
76) Pentachlorobenzene	15.14	250	15249	3.267	ng/uL#	85
77) Carbazole	17.96	167	37293	2.858	ng/ul	98
78) Di-n-butylphthalate	18.50	149	50118	3.131	ng/ul#	95
80) Fluoranthene	19.60	202	58303	2.606	ng/ul	99
82) Pyrene	19.96	202	60034	2.718	ng/ul	99
83) Butylbenzylphthalate	20.82	149	21036	2.730	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.72	252	22872	2.846	ng/ul	93
85) Benzo(a)anthracene	21.82	228	66994	2.907	ng/ul	94
86) Bis(2-ethylhexyl)phthalate	21.70	149	36586	3.445	ng/ul	98
87) Chrysene	21.89	228	60597	2.771	ng/ul	95
89) Di-n-octyl phthalate	22.96	149	51626	2.780	ng/ul	100
90) Benzo(b)fluoranthene	24.11	252	67819	2.750	ng/ul#	98
91) Benzo(k)fluoranthene	24.18	252	72576	2.979	ng/ul	98
93) Benzo(a)pyrene	25.04	252	61387	2.823	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.02	276	67408	2.505	ng/ul#	98
95) Dibenzo(a,h)anthracene	29.08	278	49591	2.219	ng/ul#	86
96) Benzo(g,h,i)perylene	30.21	276	22223	1.003	ng/ul#	93

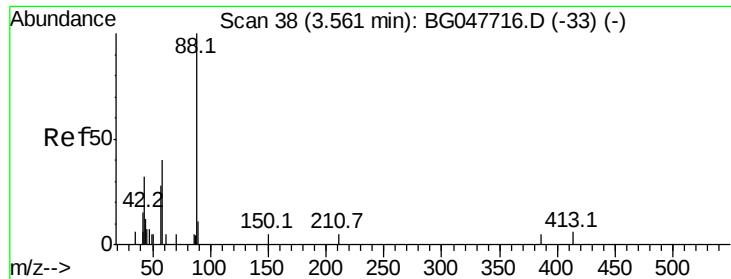
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.574 ng/uL

RT: 3.56 min Scan# 38

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

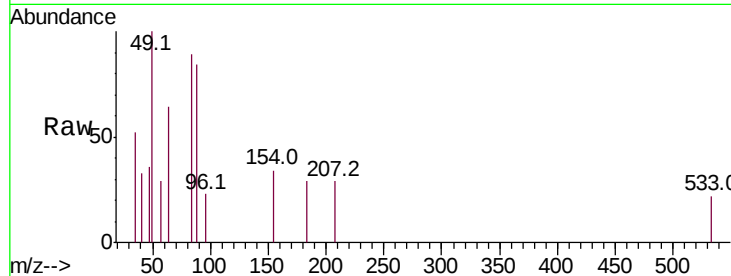
Tot Ion: 88 Resp: 546

Ion Ratio Lower Upper

88 100

43 0.0 40.6 61.0#

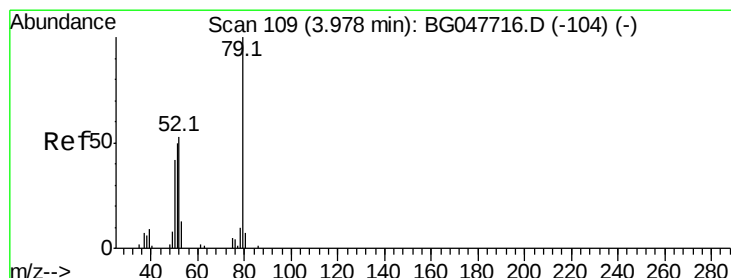
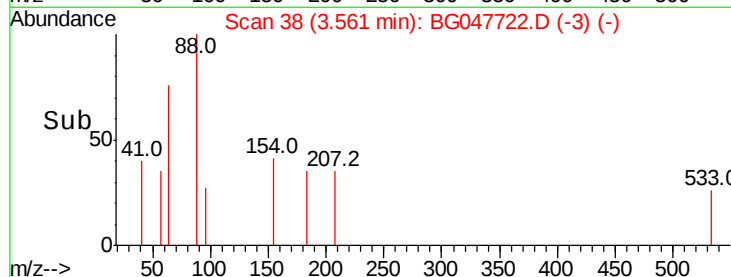
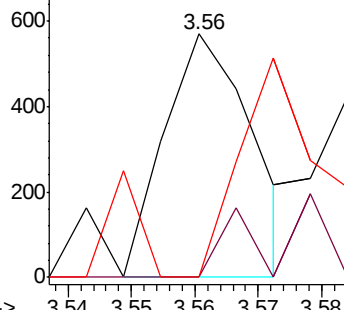
58 0.0 54.0 81.0#



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: 1.841 ng/uL

RT: 3.98 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

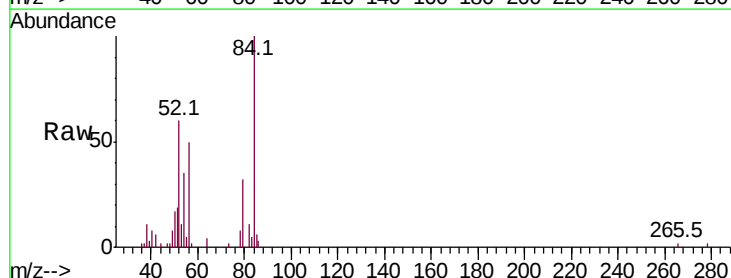
Tgt Ion: 79 Resp: 4516

Ion Ratio Lower Upper

79 100

52 190.3 60.8 91.2#

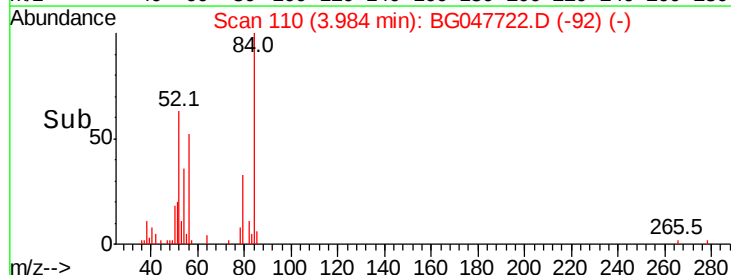
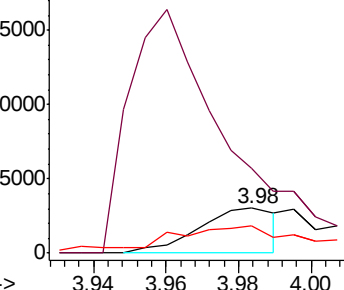
51 60.2 42.4 63.6

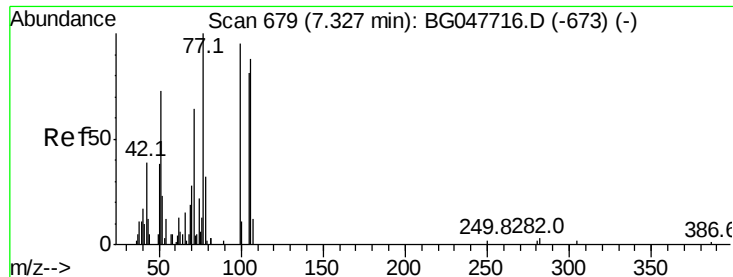


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#6

Benzaldehyde

Concen: 5.357 ng/ul

RT: 7.33 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

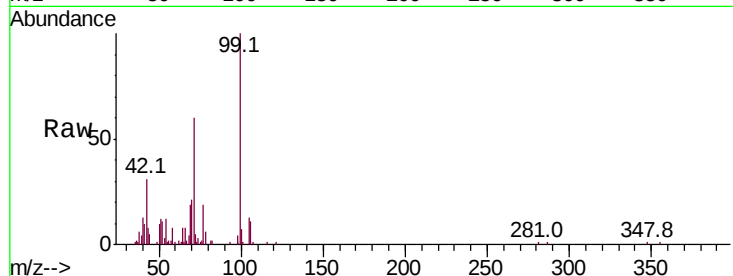
Tot Ion: 77 Resp: 8369

Ion Ratio Lower Upper

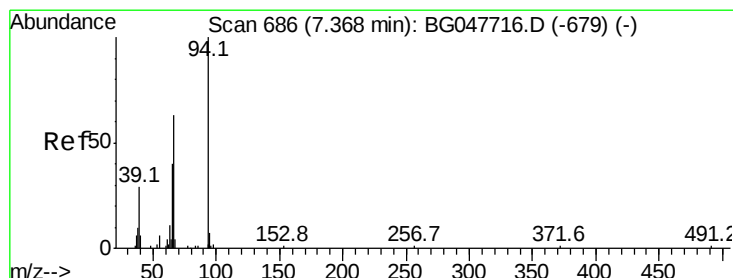
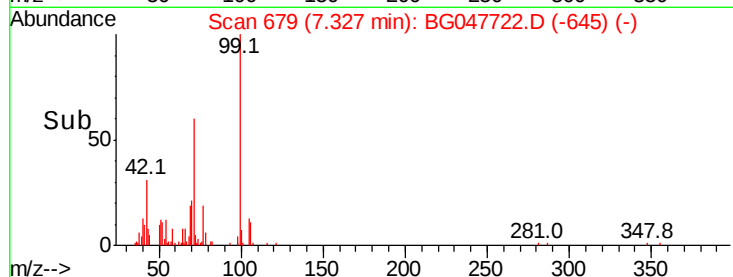
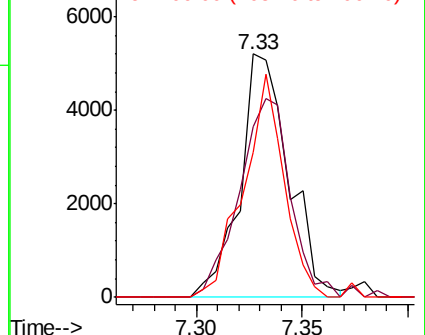
77 100

105 70.1 67.9 101.9

106 59.5 68.1 102.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#8

Phenol

Concen: 2.919 ng/ul

RT: 7.37 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

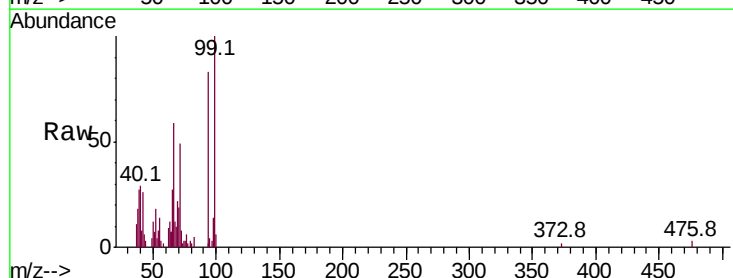
Tgt Ion: 94 Resp: 9752

Ion Ratio Lower Upper

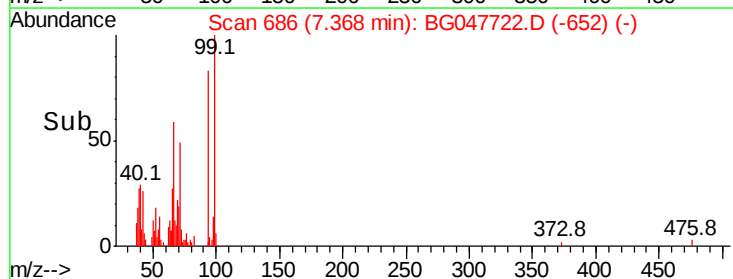
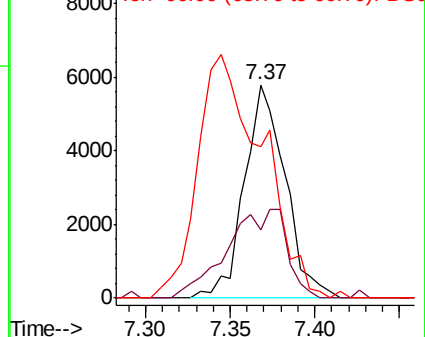
94 100

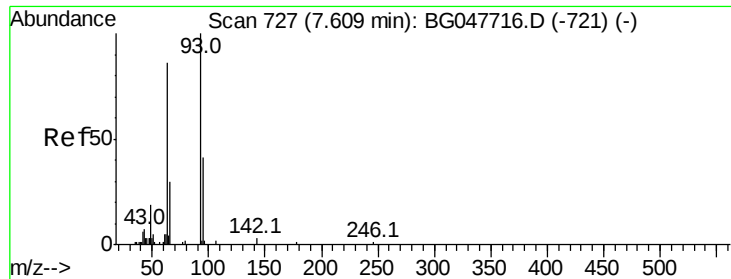
65 31.8 37.2 55.8#

66 71.1 63.2 94.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

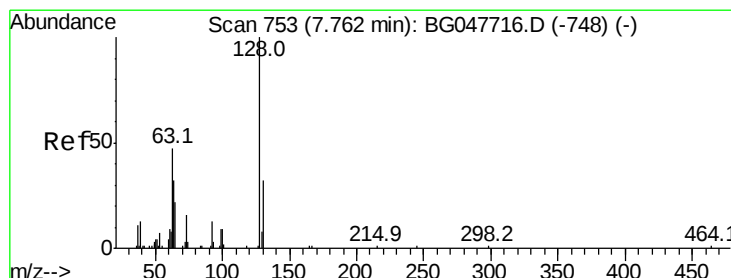
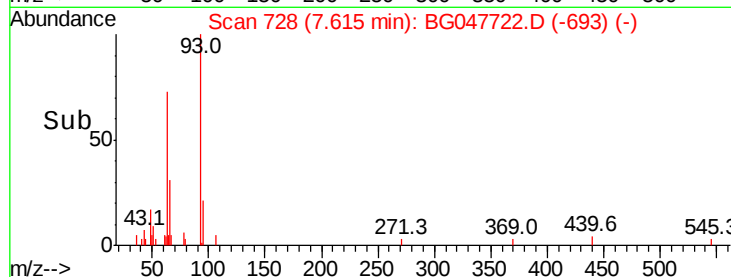
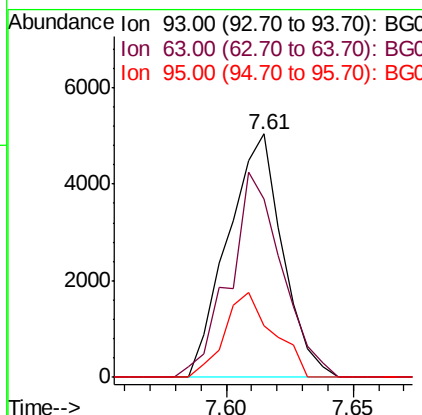
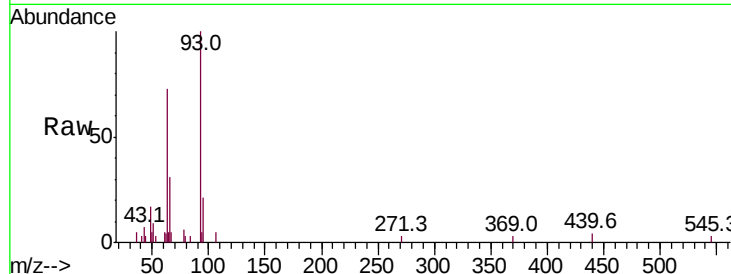




#10
 Bis(2-Chloroethyl)ether
 Concen: 3.254 ng/ul
 RT: 7.61 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BG047722.D
 Acq: 11 Dec 2020 20:29

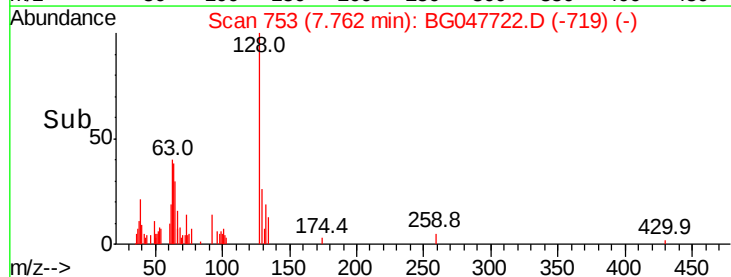
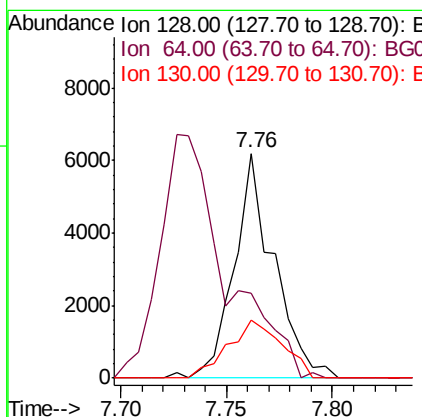
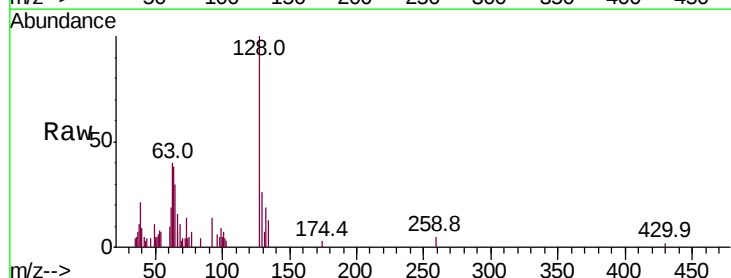
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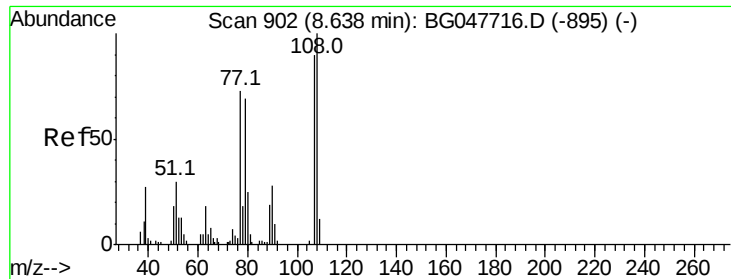
Tot Ion: 93 Resp: 7562
 Ion Ratio Lower Upper
 93 100
 63 73.1 58.2 87.4
 95 21.4 23.4 35.2#



#12
 2-Chlorophenol
 Concen: 3.130 ng/ul
 RT: 7.76 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BG047722.D
 Acq: 11 Dec 2020 20:29

Tgt Ion: 128 Resp: 7984
 Ion Ratio Lower Upper
 128 100
 64 37.6 40.2 60.2#
 130 25.6 24.6 36.8

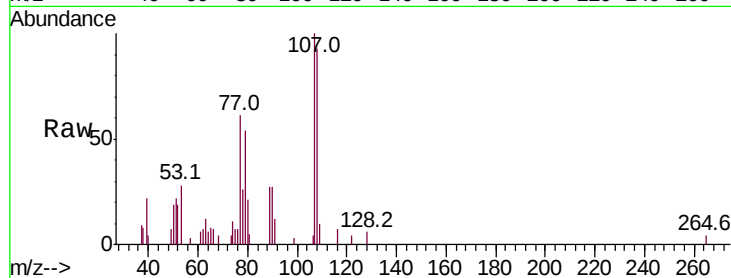




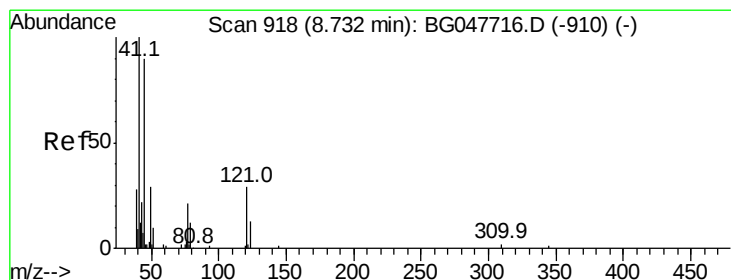
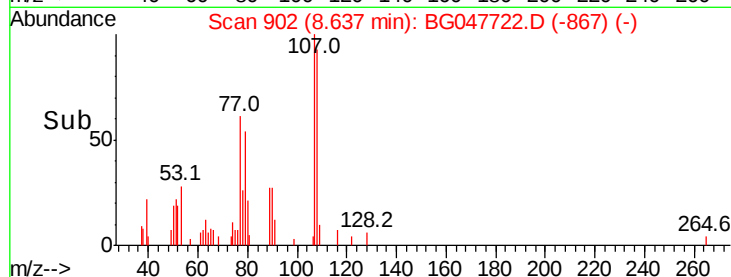
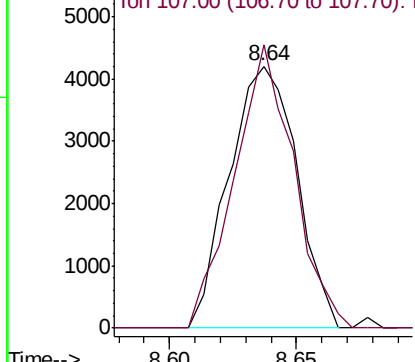
#13
2-Methylphenol
Concen: 3.076 ng/ul
RT: 8.64 min Scan# 902
Delta R.T. 0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Instrument :
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Tot Ion:108 Resp: 7819
Ion Ratio Lower Upper
108 100
107 108.0 83.8 125.6

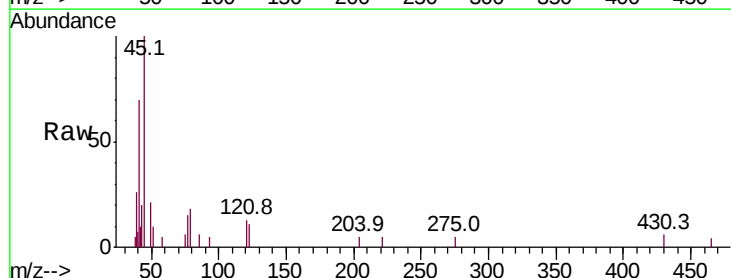


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

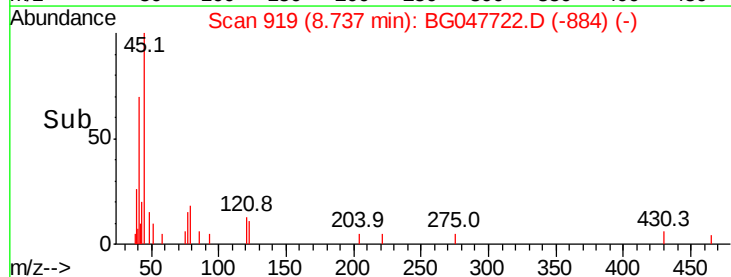
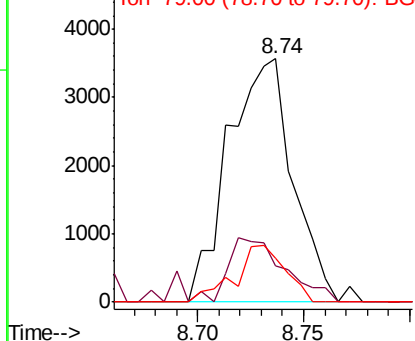


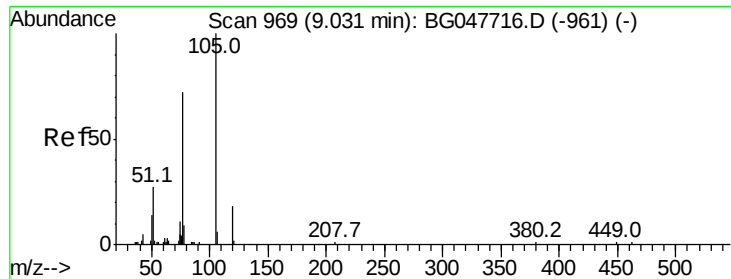
#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.494 ng/ul
RT: 8.74 min Scan# 919
Delta R.T. 0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion: 45 Resp: 7557
Ion Ratio Lower Upper
45 100
77 14.8 18.3 27.5#
79 18.2 17.0 25.6



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





#16

Acetophenone

Concen: 3.255 ng/ul

RT: 9.03 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

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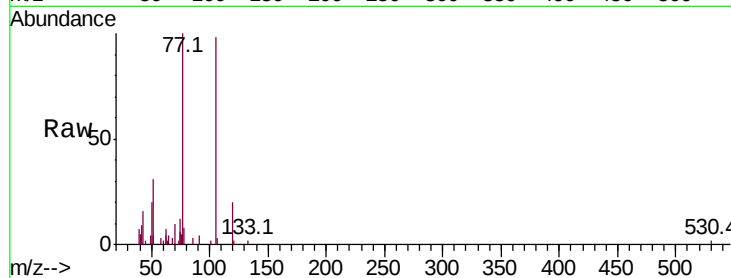
Tot Ion:105 Resp: 14137

Ion Ratio Lower Upper

105 100

77 101.5 64.5 96.7#

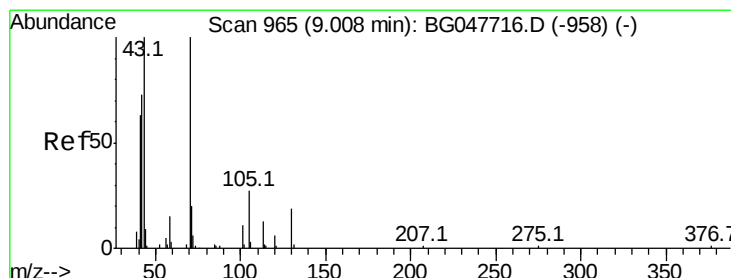
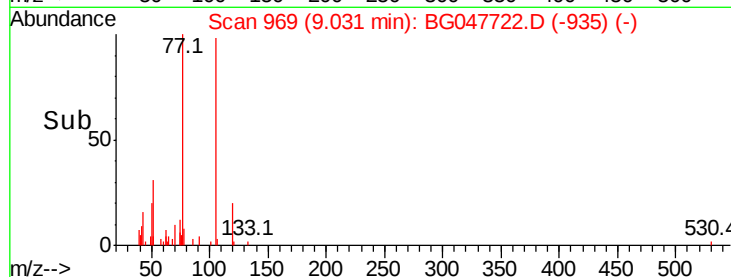
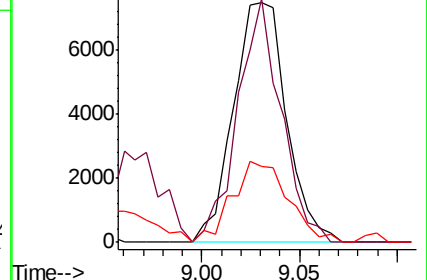
51 31.8 27.7 41.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG0

Ion 51.00 (50.70 to 51.70): BG0



#17

N-Nitroso-di-n-propylamine

Concen: 2.932 ng/ul

RT: 9.01 min Scan# 966

Delta R.T. 0.01 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Tgt Ion: 70 Resp: 6994

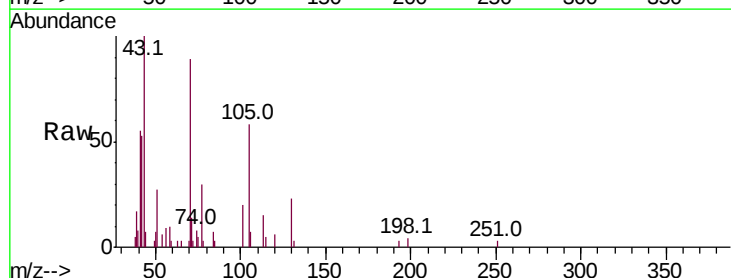
Ion Ratio Lower Upper

70 100

42 59.8 45.0 67.6

101 22.4 7.0 10.4#

130 26.0 11.8 17.8#

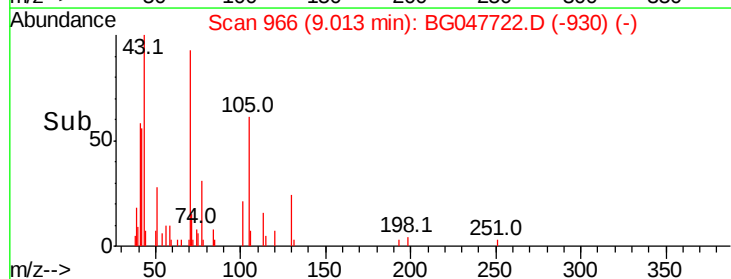
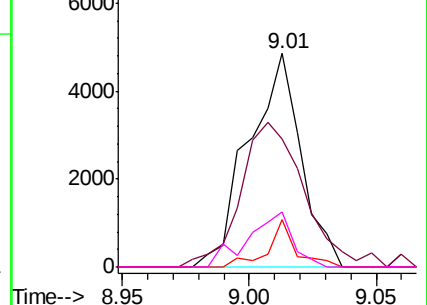


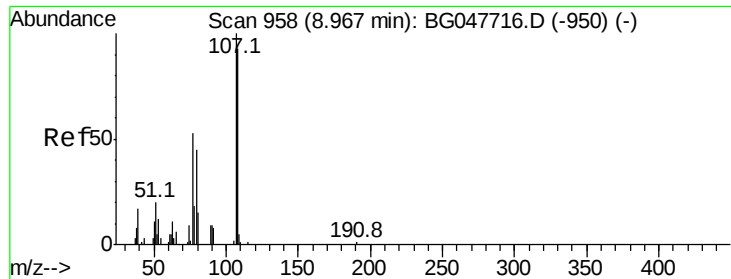
Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#18

4-Methylphenol

Concen: 3.011 ng/ul

RT: 8.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

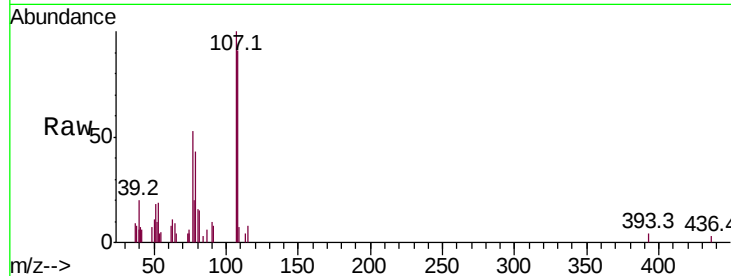
MDL-SOIL-03

Tot Ion:108 Resp: 8399

Ion Ratio Lower Upper

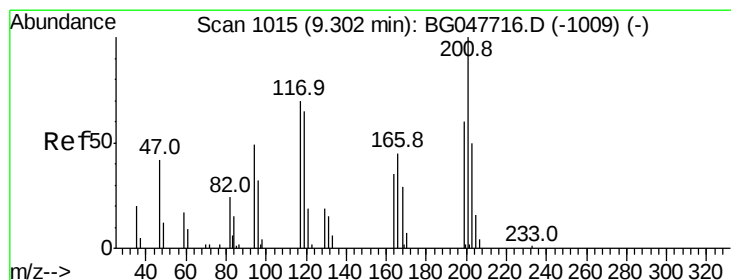
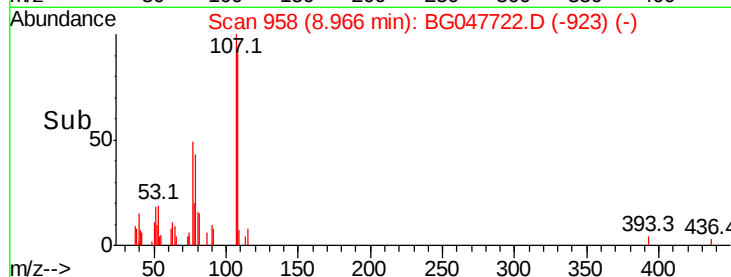
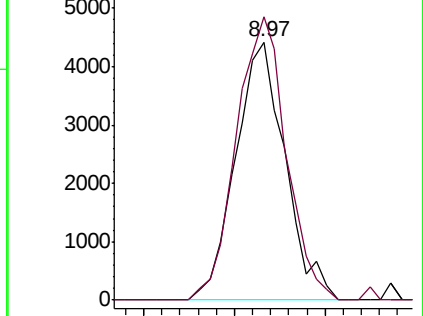
108 100

107 109.6 87.4 131.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 3.096 ng/ul

RT: 9.29 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

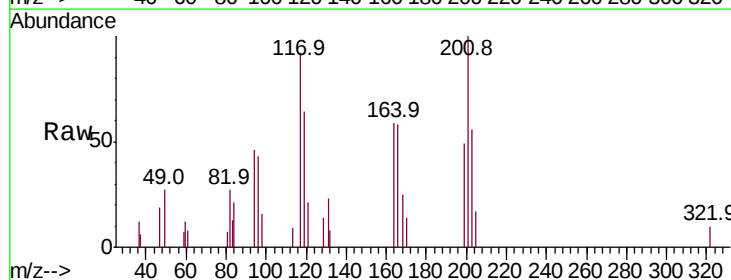
Tgt Ion:117 Resp: 3868

Ion Ratio Lower Upper

117 100

201 108.9 96.7 145.1

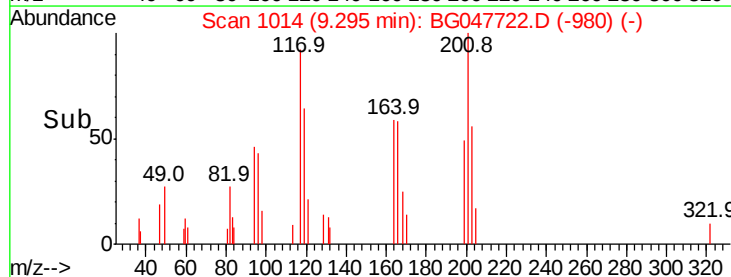
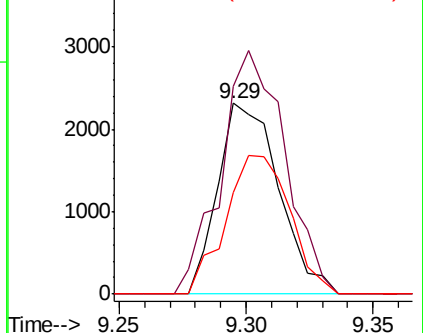
199 53.1 56.6 85.0#

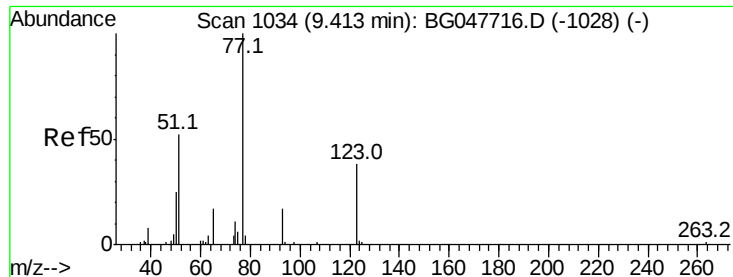


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#22

Nitrobenzene

Concen: 2.885 ng/ul

RT: 9.41 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

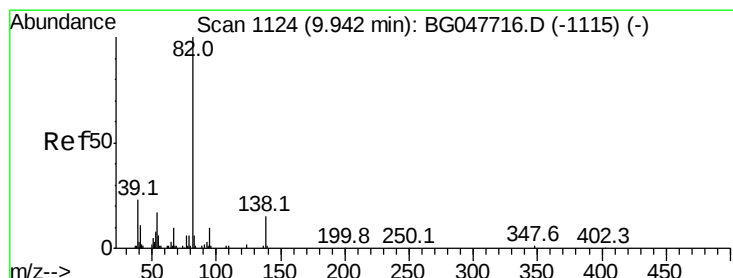
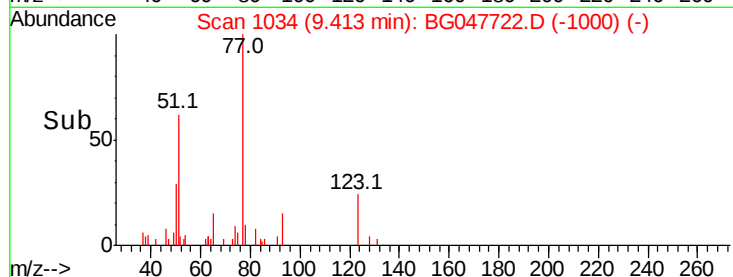
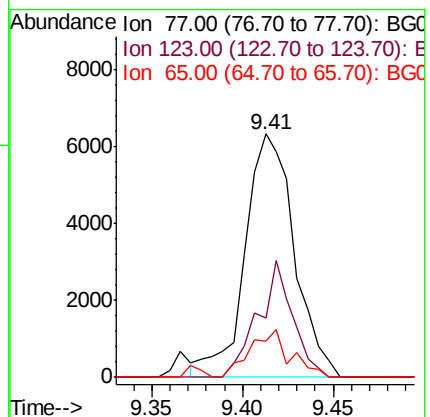
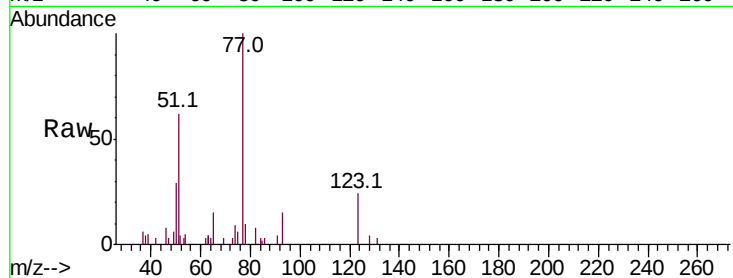
Tot Ion: 77 Resp: 12004

Ion Ratio Lower Upper

77 100

123 24.3 22.5 33.7

65 14.8 13.8 20.6



#23

Isophorone

Concen: 1.514 ng/ul

RT: 9.93 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

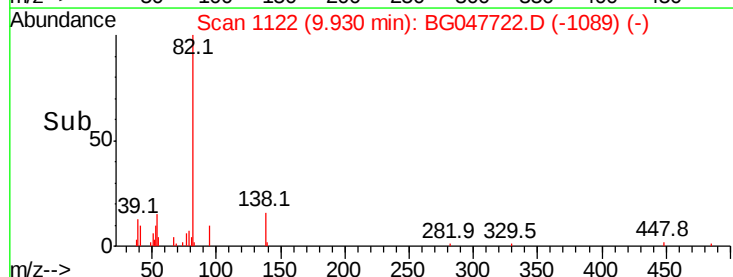
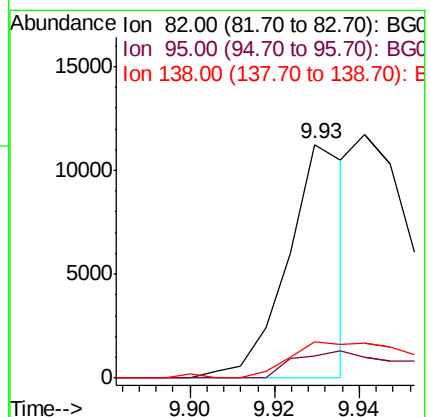
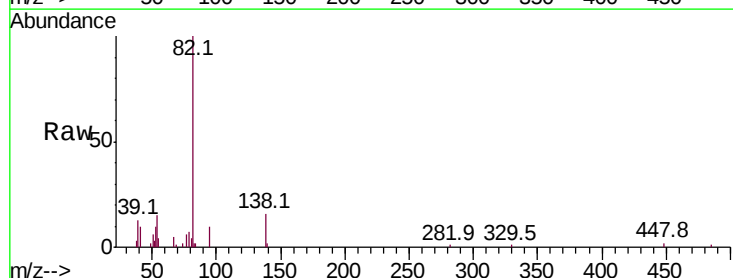
Tgt Ion: 82 Resp: 10942

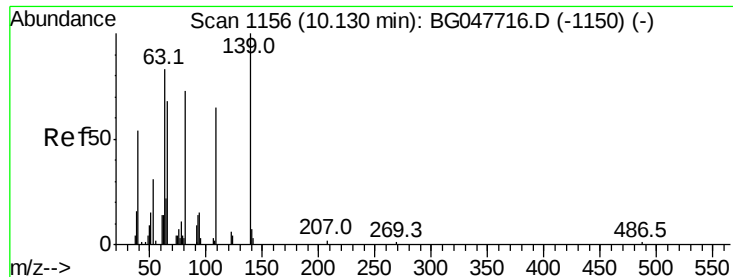
Ion Ratio Lower Upper

82 100

95 9.5 8.7 13.1

138 15.6 12.4 18.6





#25

2-Nitrophenol

Concen: 3.061 ng/ul

RT: 10.14 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

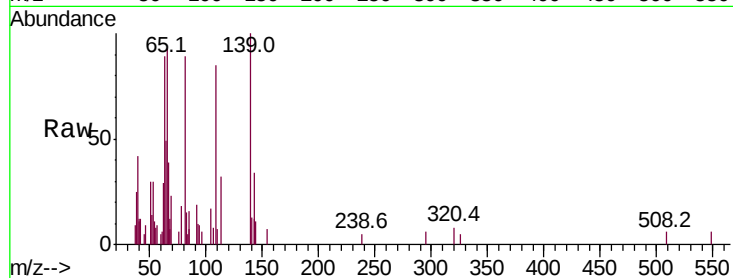
Tot Ion:139 Resp: 5087

Ion Ratio Lower Upper

139 100

65 92.7 58.7 88.1#

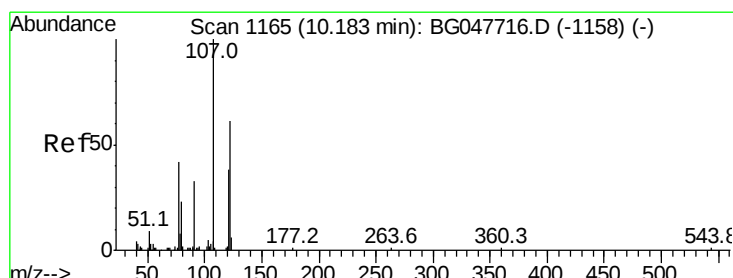
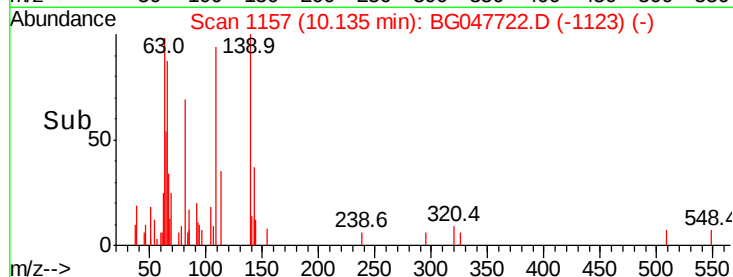
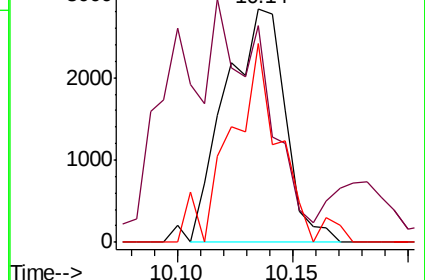
109 85.2 48.2 72.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 2.689 ng/ul

RT: 10.18 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

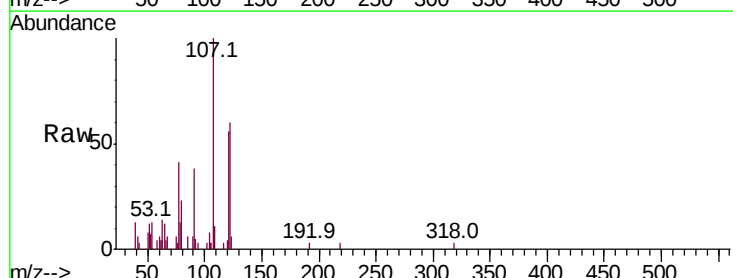
Tgt Ion:107 Resp: 10489

Ion Ratio Lower Upper

107 100

121 55.6 36.7 55.1#

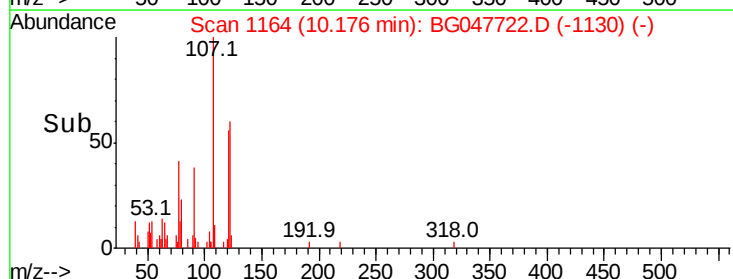
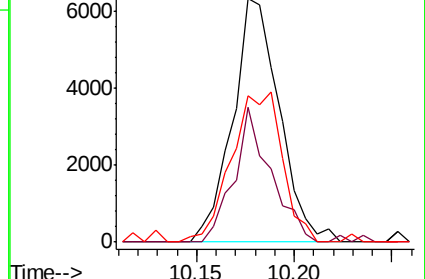
122 60.3 57.7 86.5

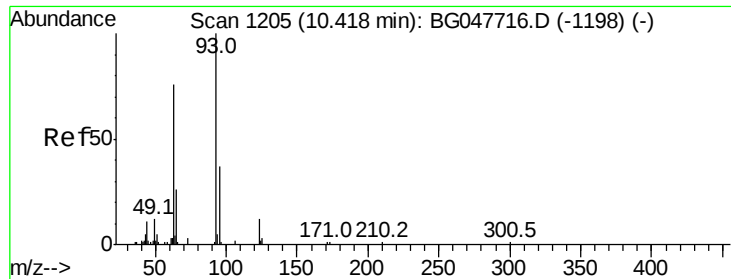


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Bis(2-Chloroethoxy)methane

Concen: 3.016 ng/ul

RT: 10.42 min Scan# 1205

Delta R.T. -0.00 min

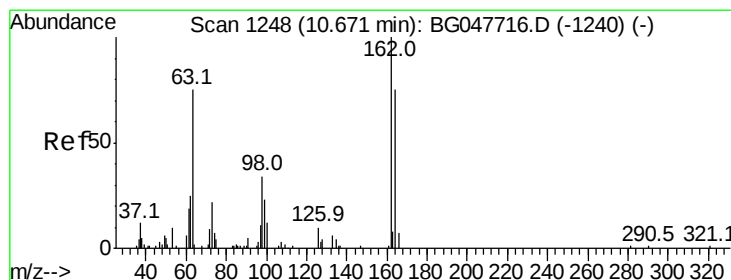
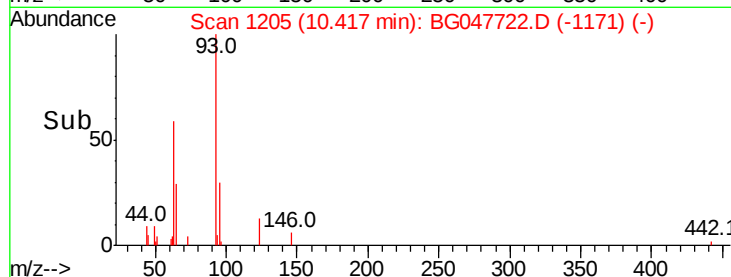
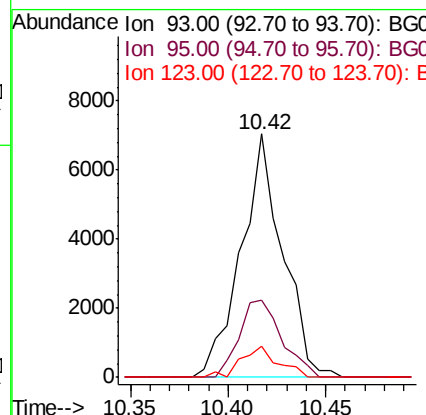
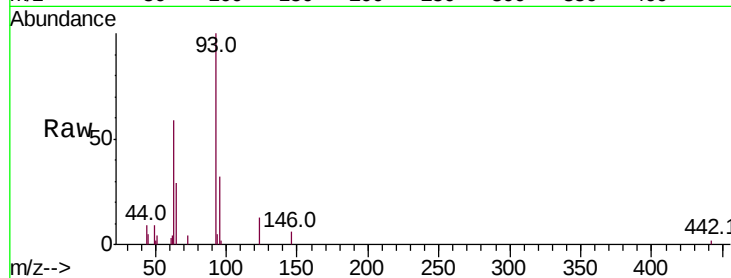
Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion: 93 Resp: 10403

Ion	Ratio	Lower	Upper
93	100		
95	31.9	23.4	35.2
123	12.8	8.0	12.0#



#29

2,4-Dichlorophenol

Concen: 2.725 ng/ul

RT: 10.66 min Scan# 1247

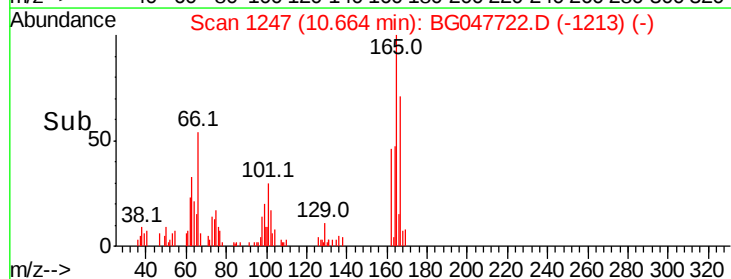
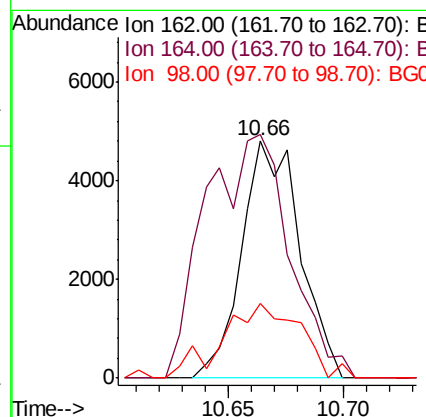
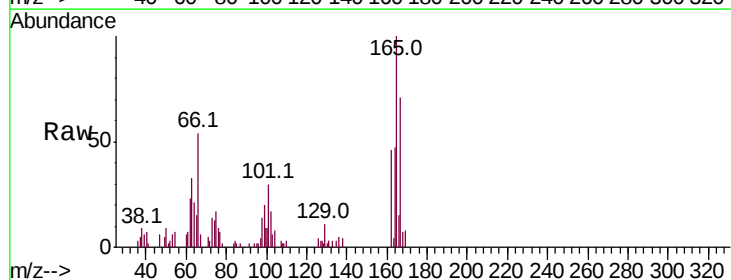
Delta R.T. -0.00 min

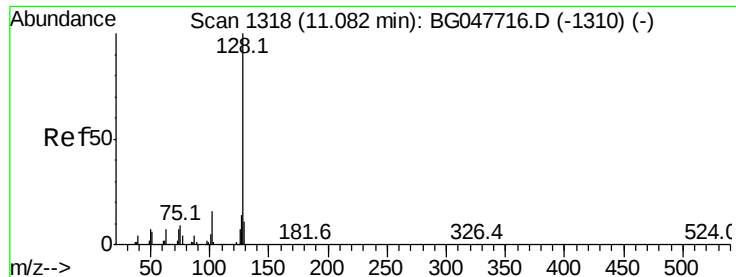
Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Tgt Ion: 162 Resp: 8399

Ion	Ratio	Lower	Upper
162	100		
164	102.5	48.7	73.1#
98	31.4	27.3	40.9





#30

Naphthalene

Concen: 2.886 ng/ul

RT: 11.09 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

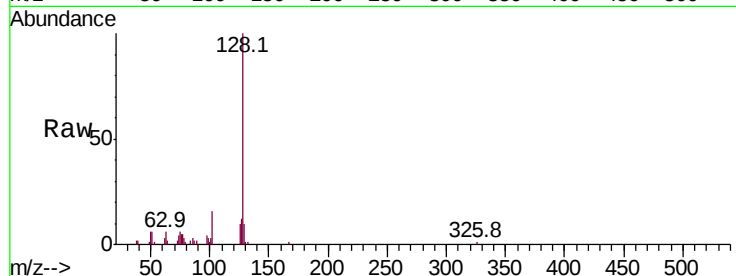
BNA_G

ClientSampleId :

MDL-SOIL-03

Tot Ion:128 Resp: 26478

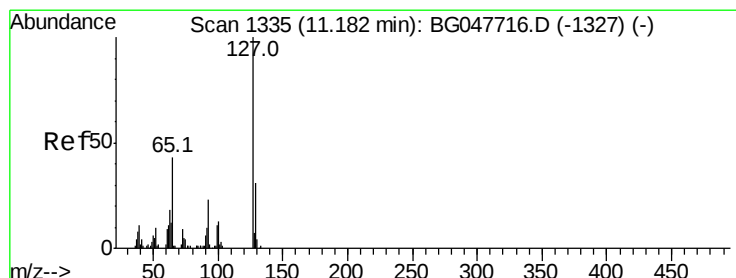
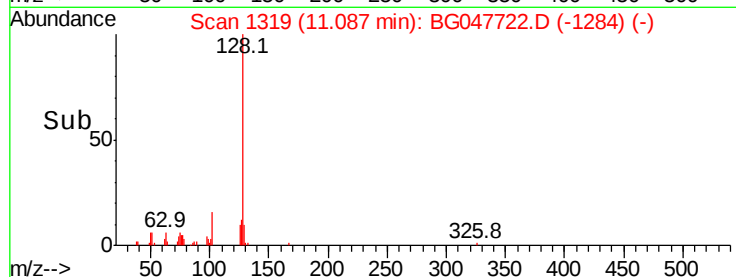
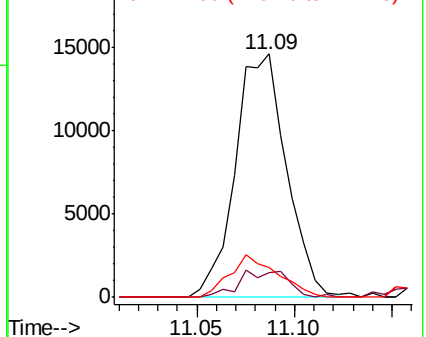
Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.3	13.9
127	12.4	11.1	16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

4-Chloroaniline

Concen: 3.103 ng/ul

RT: 11.19 min Scan# 1336

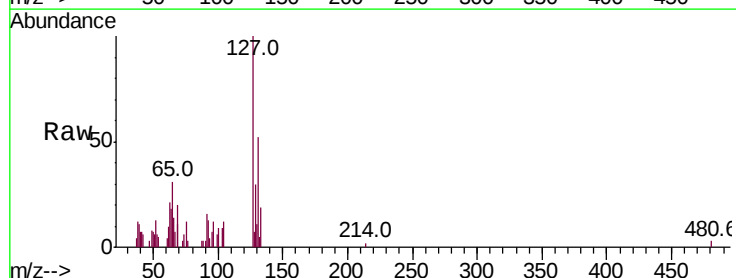
Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

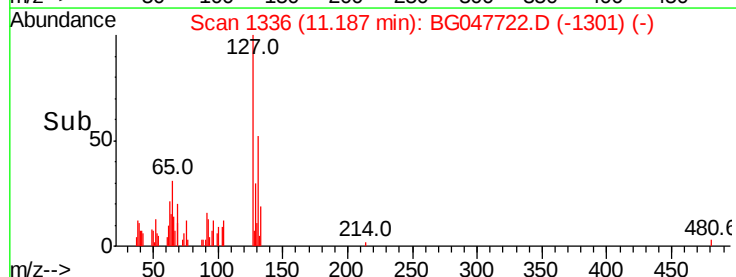
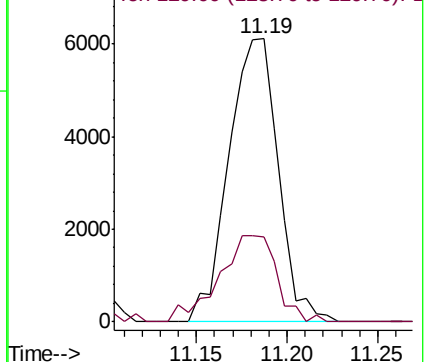
Tgt Ion:127 Resp: 11599

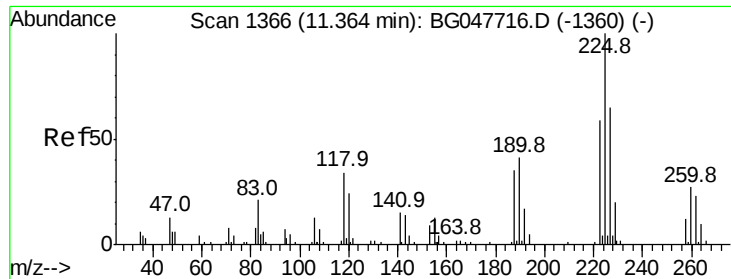
Ion	Ratio	Lower	Upper
127	100		
129	30.0	24.6	37.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 2.547 ng/ul

RT: 11.36 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

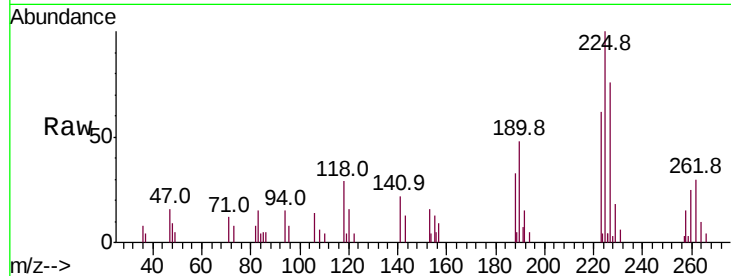
Tot Ion:225 Resp: 8431

Ion Ratio Lower Upper

225 100

223 60.9 57.4 86.0

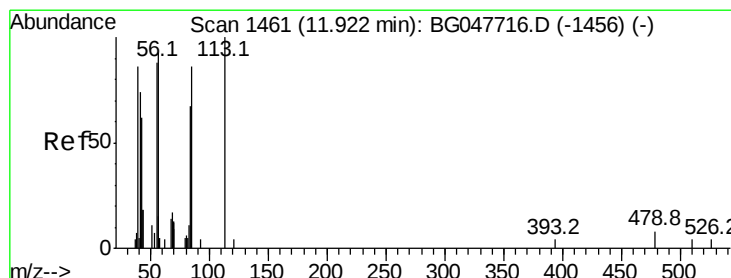
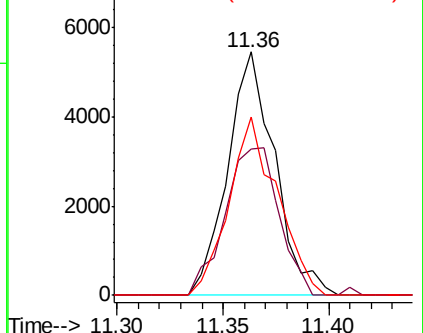
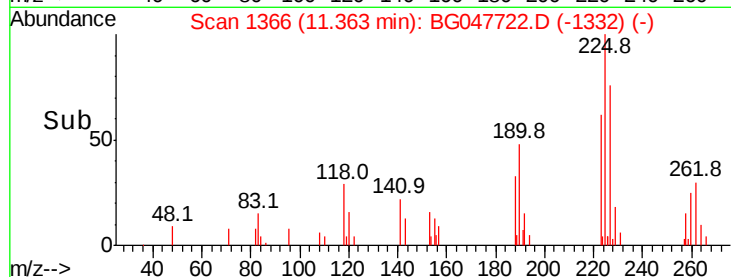
227 70.1 59.2 88.8



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#34

Caprolactam

Concen: 1.901 ng/ul

RT: 11.97 min Scan# 1469

Delta R.T. 0.03 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

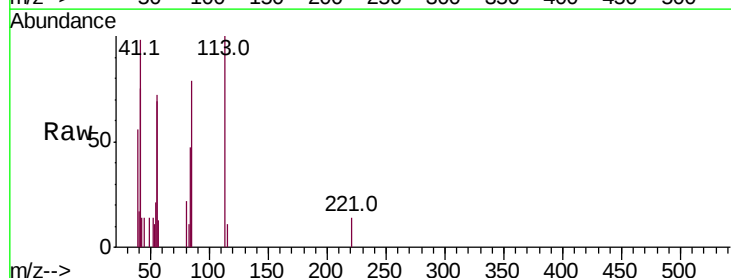
Tgt Ion:113 Resp: 1985

Ion Ratio Lower Upper

113 100

55 69.3 65.1 97.7

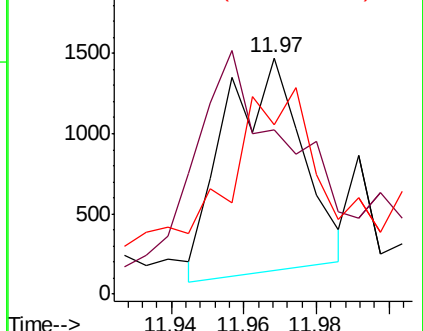
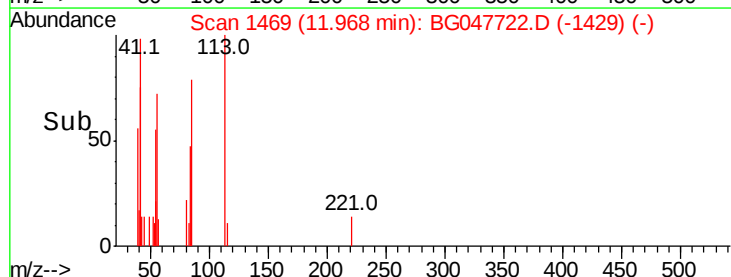
56 71.6 63.1 94.7

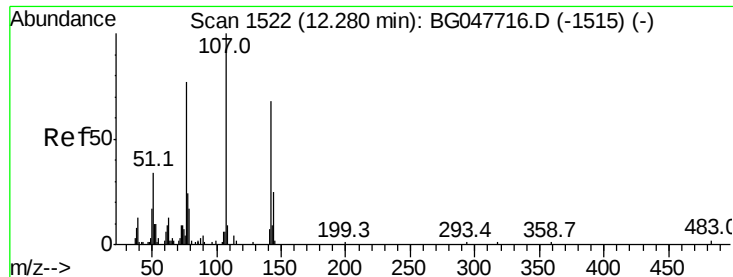


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

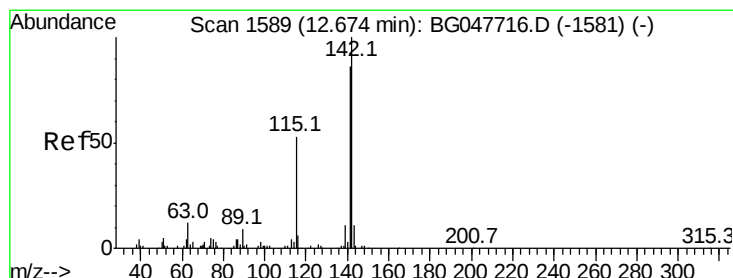
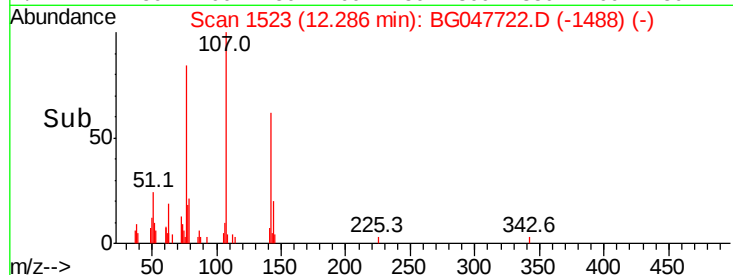
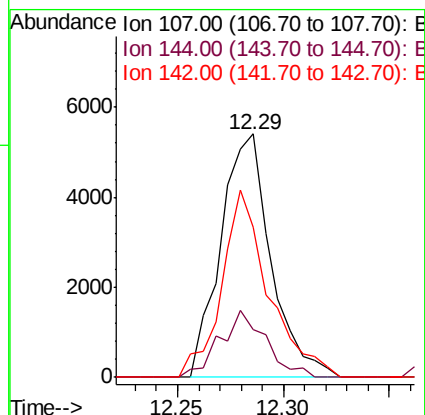
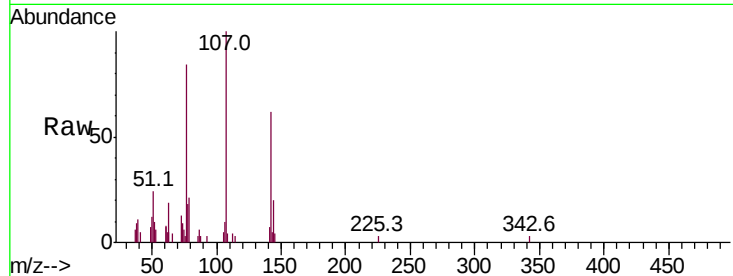




#35
4-Chloro-3-methylphenol
Concen: 2.620 ng/ul
RT: 12.29 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

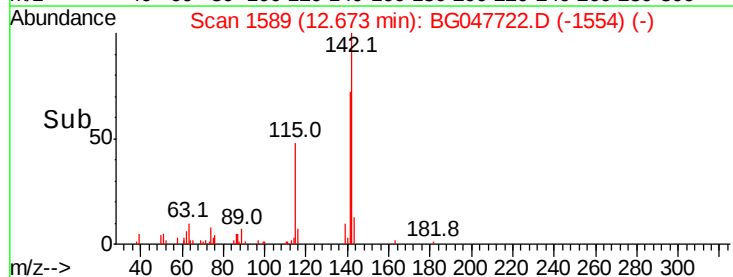
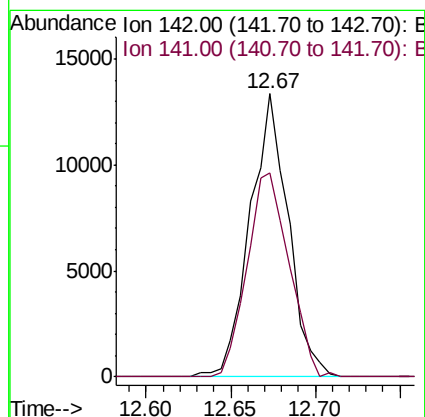
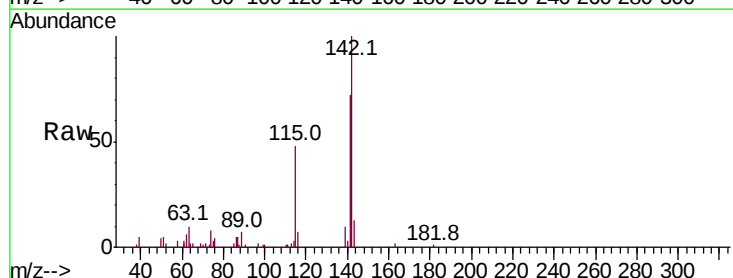
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

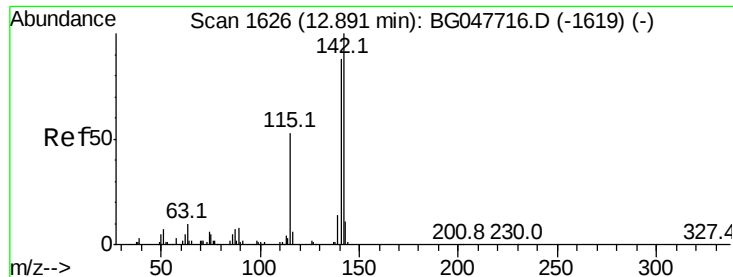
Tot Ion:107 Resp: 8899
Ion Ratio Lower Upper
107 100
144 19.8 14.6 22.0
142 61.5 47.7 71.5



#36
2-Methylnaphthalene
Concen: 3.026 ng/ul
RT: 12.67 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion:142 Resp: 20951
Ion Ratio Lower Upper
142 100
141 71.9 67.0 100.6

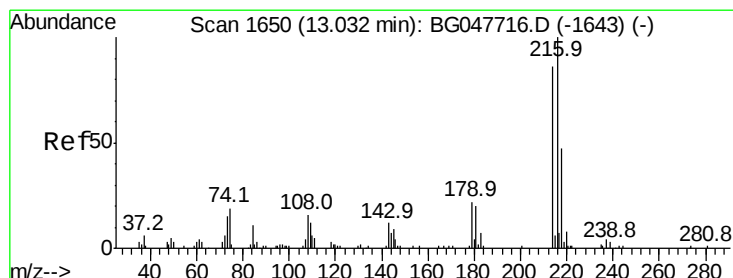
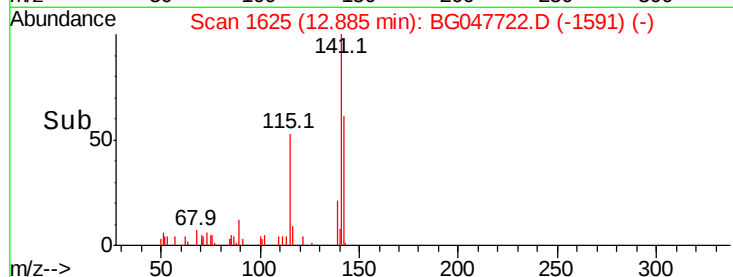
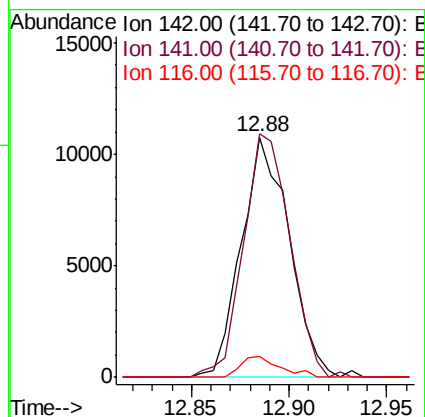
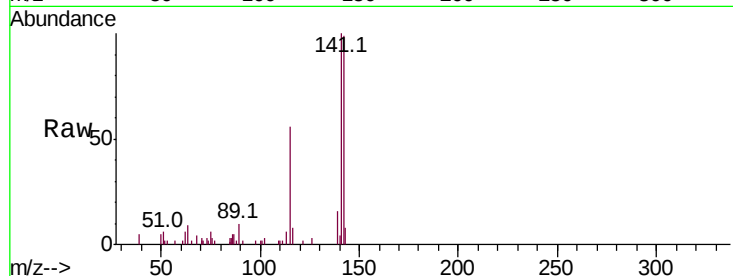




#37
1-Methylnaphthalene
Concen: 2.754 ng/ul
RT: 12.88 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

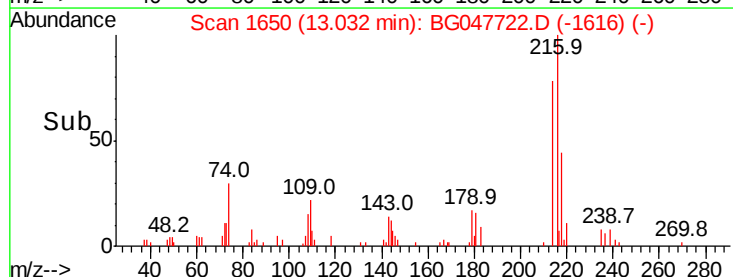
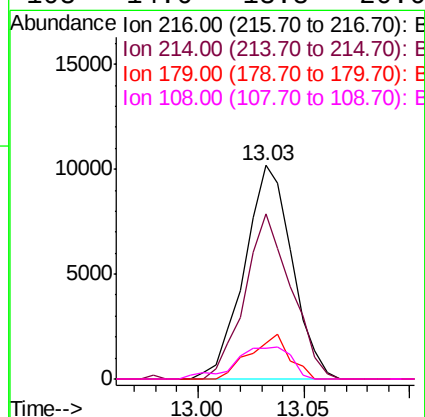
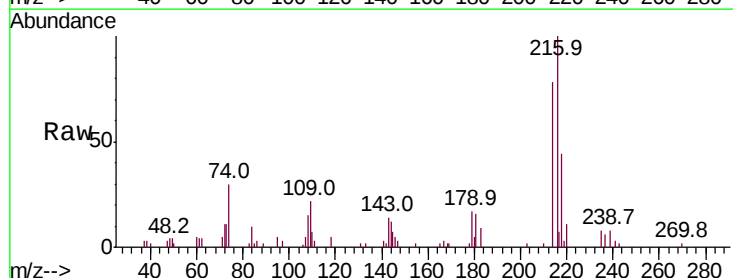
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

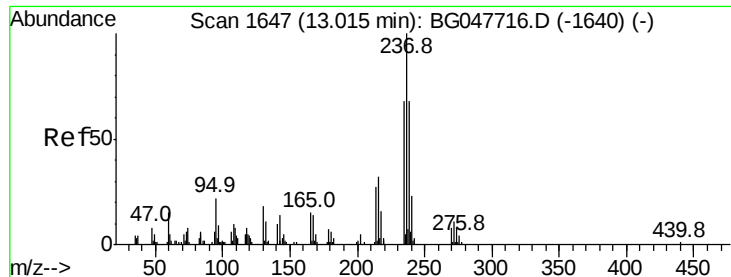
Tot Ion:142 Resp: 18219
Ion Ratio Lower Upper
142 100
141 101.4 74.6 112.0
116 8.4 4.4 6.6#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.128 ng/ul
RT: 13.03 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion:216 Resp: 16022
Ion Ratio Lower Upper
216 100
214 77.5 69.7 104.5
179 17.0 15.2 22.8
108 14.6 13.8 20.6

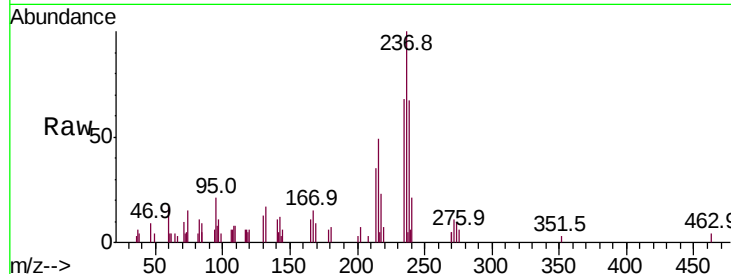




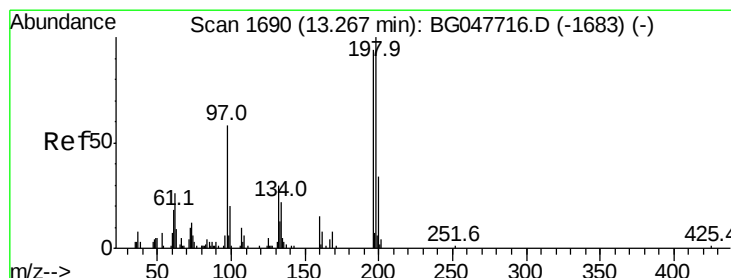
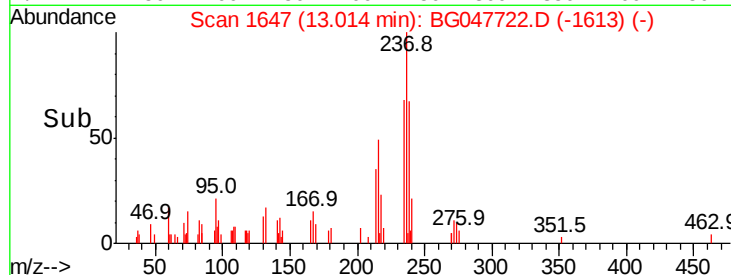
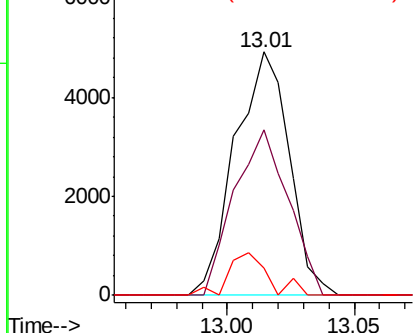
#40
Hexachlorocyclopentadiene
Concen: 2.179 ng/ul
RT: 13.01 min Scan# 1647
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
237	100		
235	68.1	49.4	74.0
272	11.4	8.4	12.6

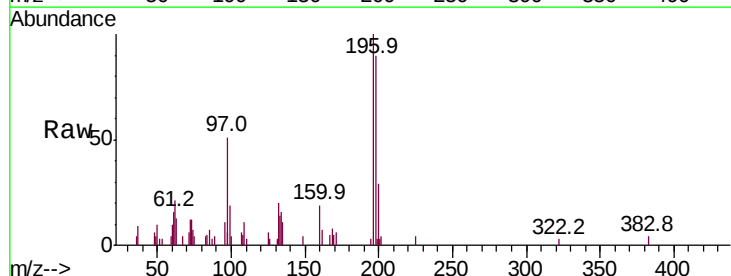


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

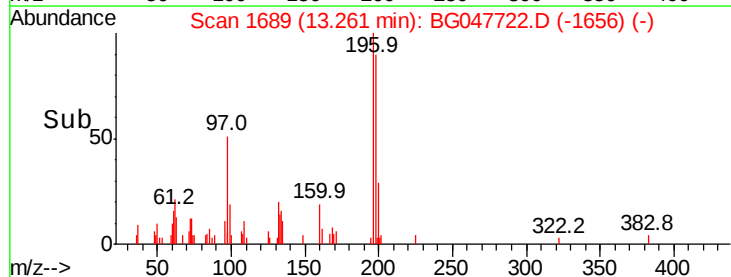
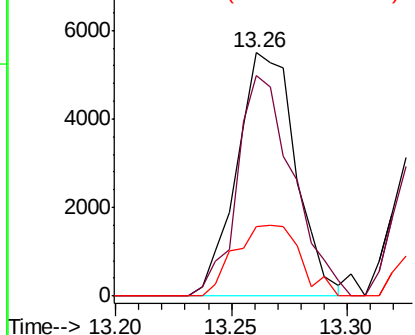


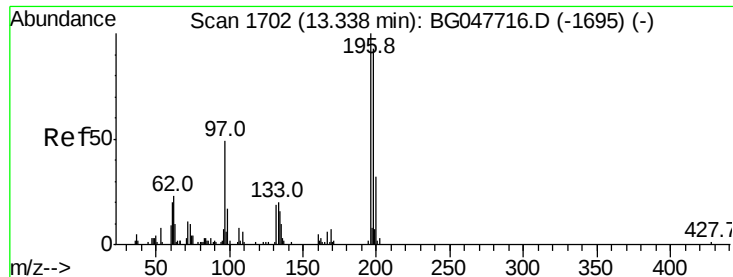
#41
2,4,6-Trichlorophenol
Concen: 3.173 ng/ul
RT: 13.26 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.4	77.6	116.4
200	28.7	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

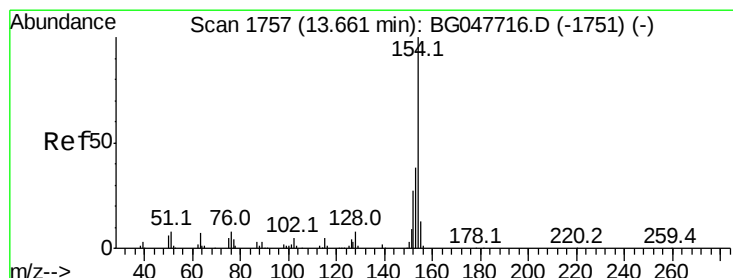
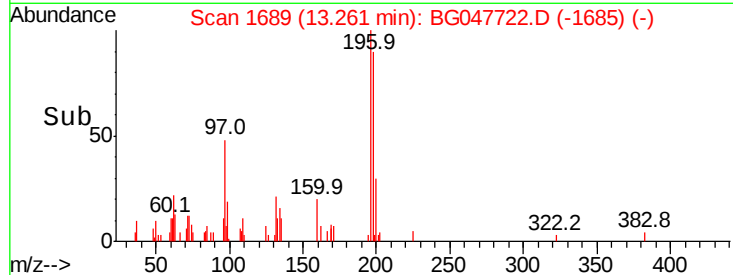
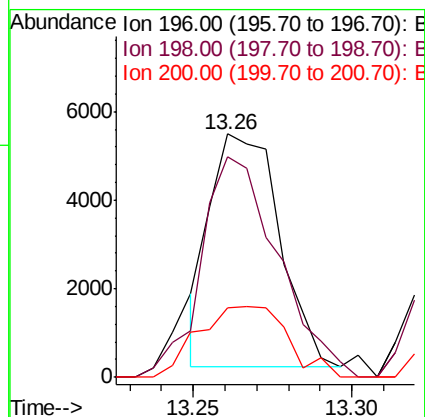
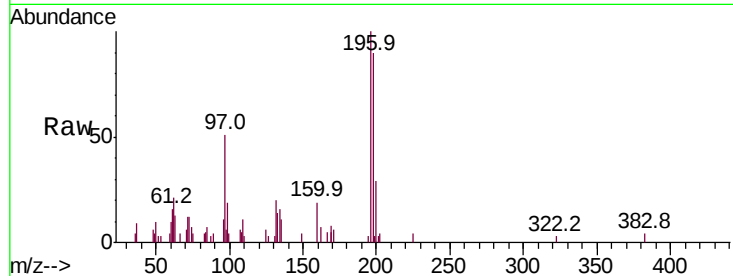




#42
 2,4,5-Trichlorophenol
 Concen: 2.438 ng/ul
 RT: 13.26 min Scan# 1689
 Delta R.T. -0.08 min
 Lab File: BG047722.D
 Acq: 11 Dec 2020 20:29

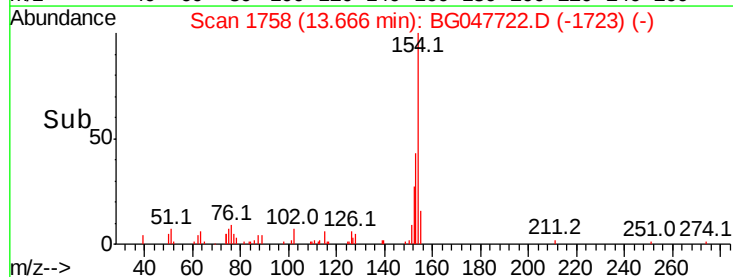
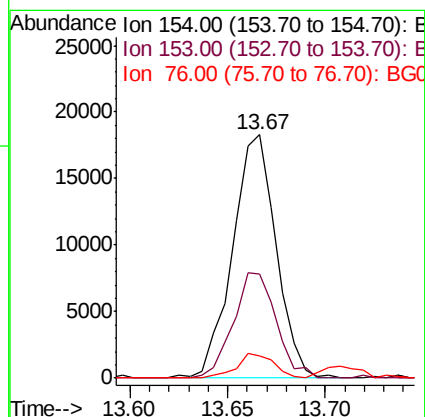
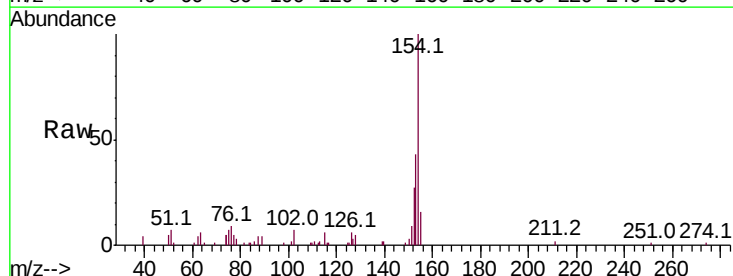
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

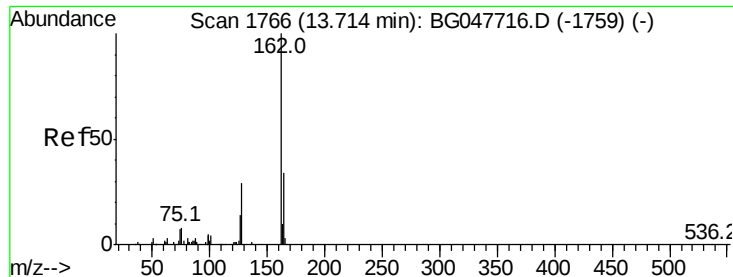
Tot Ion	Ratio	Lower	Upper
196	100		
198	90.4	76.5	114.7
200	28.7	23.4	35.0



#43
 1,1'-Biphenyl
 Concen: 2.934 ng/ul
 RT: 13.67 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG047722.D
 Acq: 11 Dec 2020 20:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	33.8	50.6
76	9.3	7.5	11.3

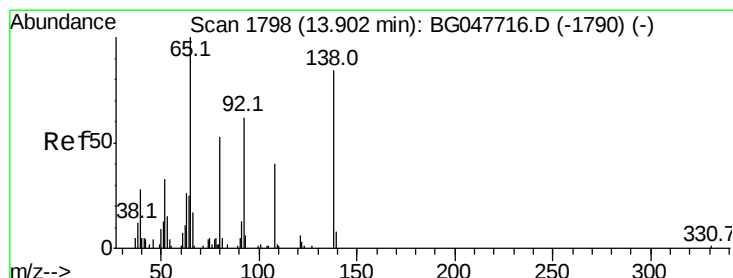
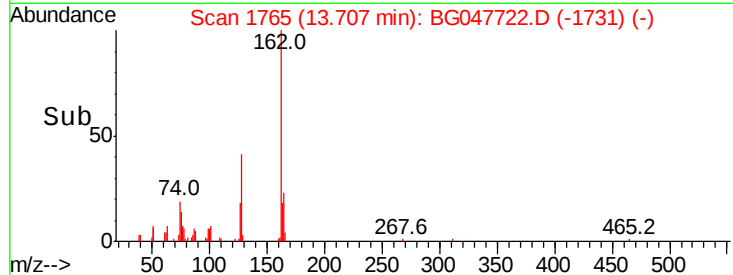
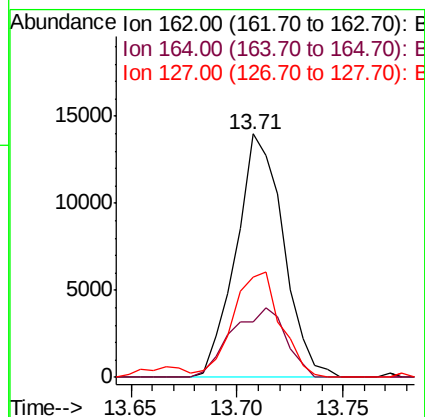
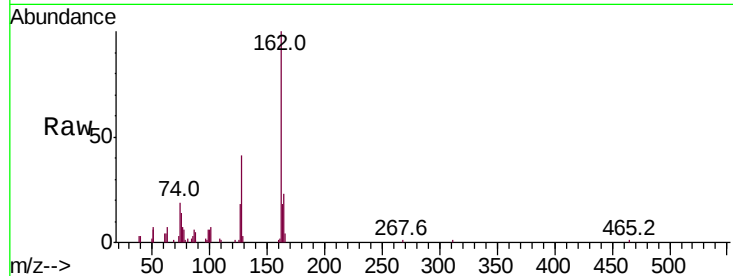




#44
2-Chloronaphthalene
Concen: 2.876 ng/ul
RT: 13.71 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

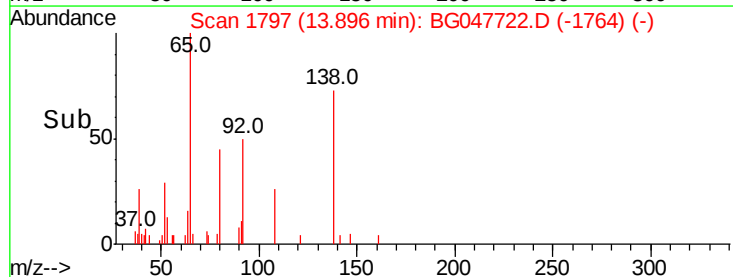
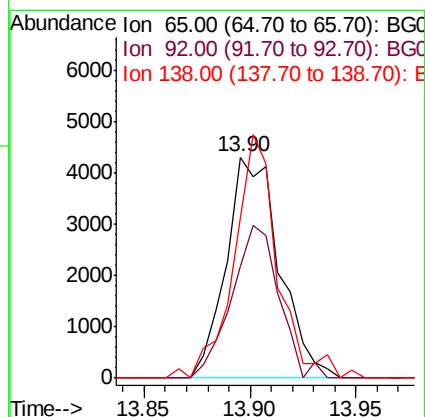
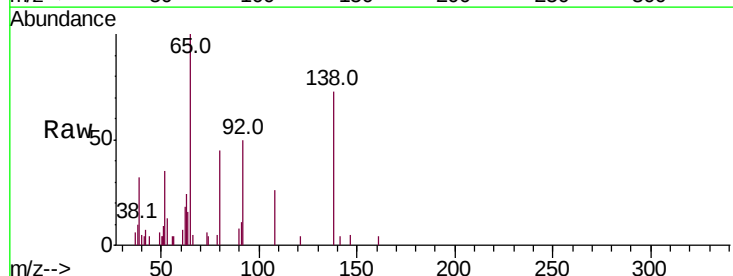
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

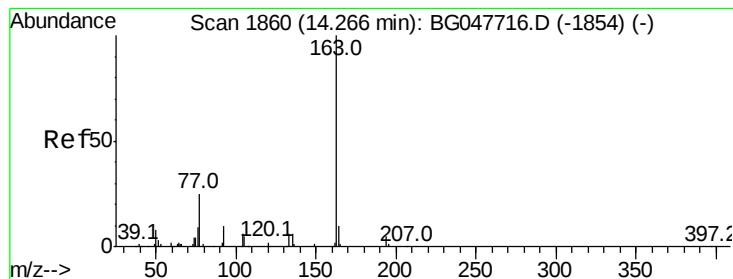
Tot Ion:162 Resp: 21748
Ion Ratio Lower Upper
162 100
164 22.8 27.8 41.6#
127 41.3 30.8 46.2



#45
2-Nitroaniline
Concen: 2.893 ng/ul
RT: 13.90 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion: 65 Resp: 7514
Ion Ratio Lower Upper
65 100
92 50.4 45.8 68.6
138 72.9 71.1 106.7





#47

Dimethylphthalate

Concen: 3.029 ng/ul

RT: 14.27 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

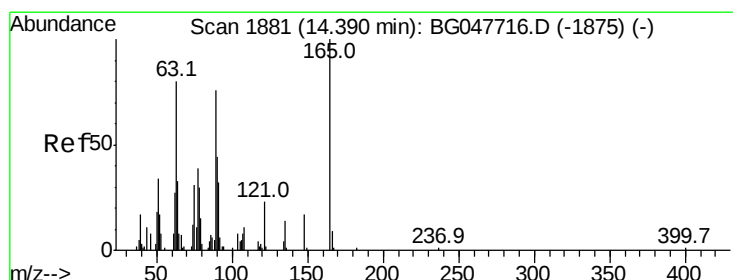
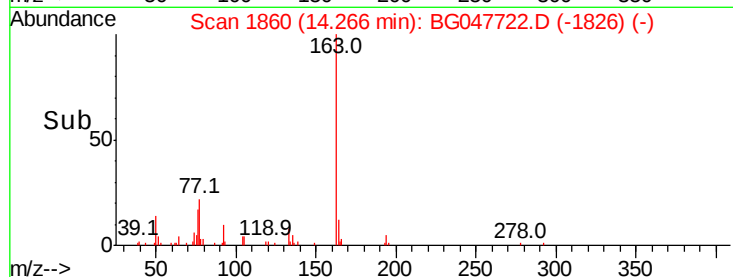
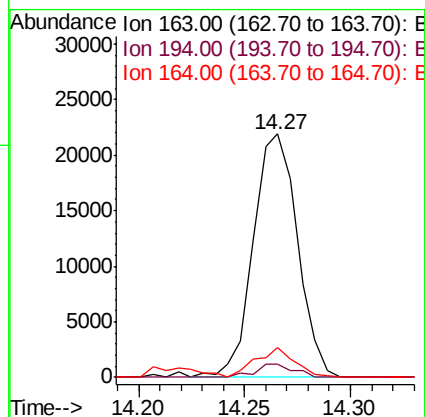
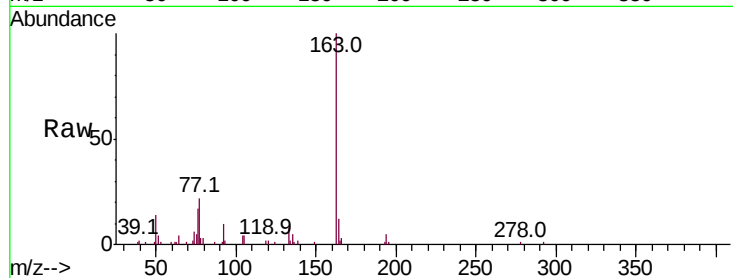
Tot Ion:163 Resp: 31865

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

164 12.2 8.1 12.1#



#48

2,6-Dinitrotoluene

Concen: 2.843 ng/ul

RT: 14.38 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

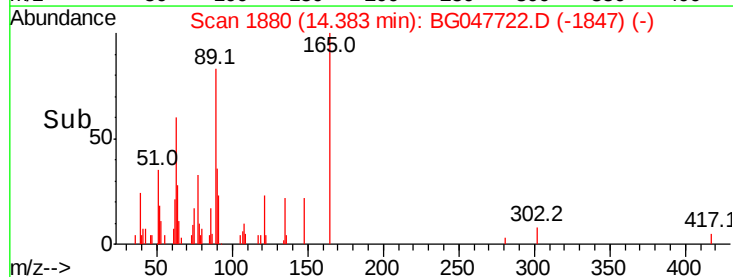
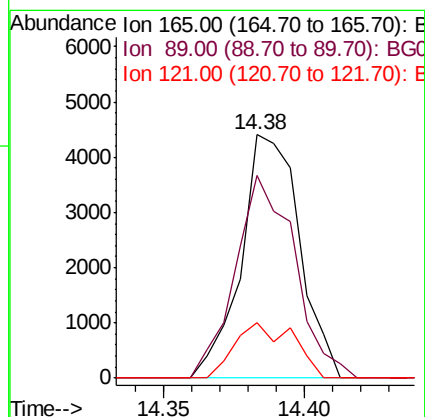
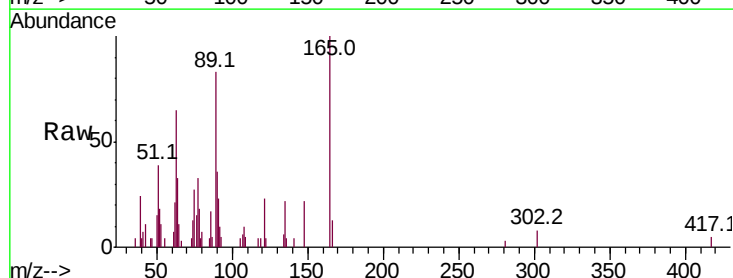
Tgt Ion:165 Resp: 6317

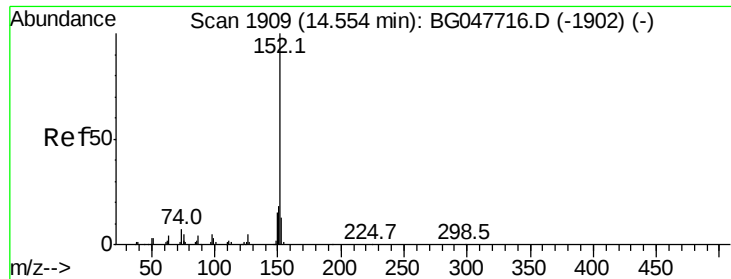
Ion Ratio Lower Upper

165 100

89 83.1 60.7 91.1

121 22.7 18.1 27.1





#50

Acenaphthylene

Concen: 2.942 ng/ul

RT: 14.55 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

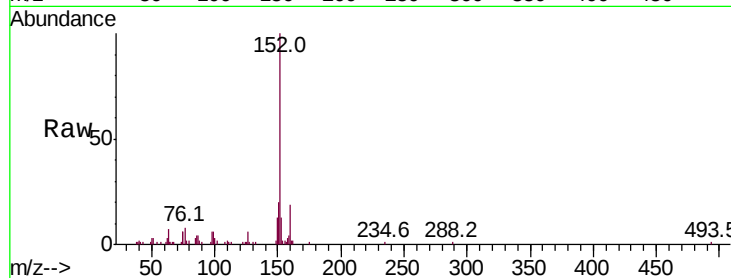
Tot Ion:152 Resp: 32546

Ion Ratio Lower Upper

152 100

151 20.4 15.3 22.9

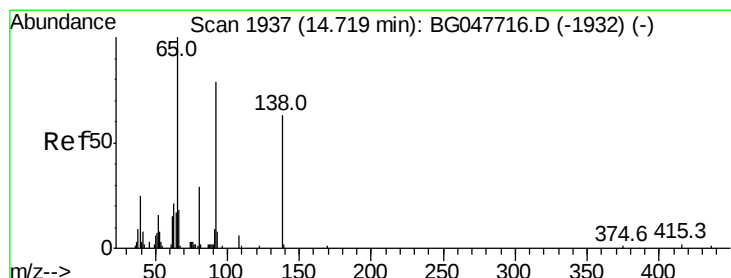
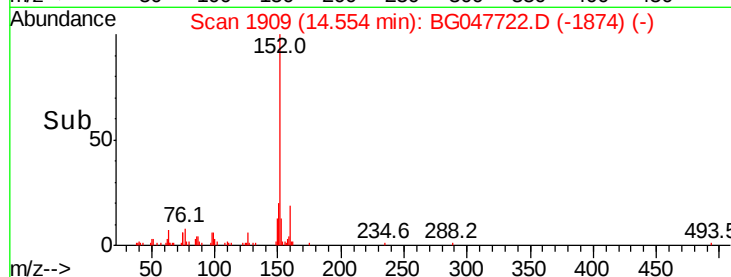
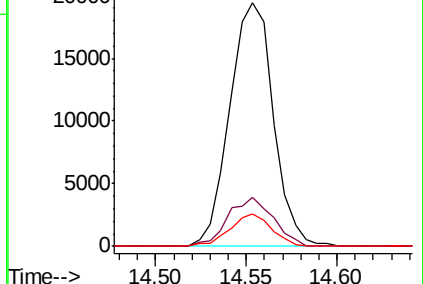
153 13.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

3-Nitroaniline

Concen: 3.712 ng/ul

RT: 14.72 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

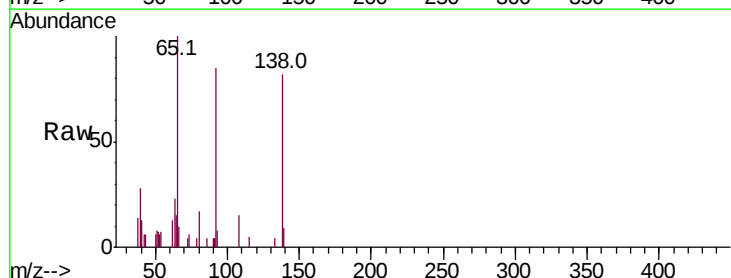
Tgt Ion:138 Resp: 5923

Ion Ratio Lower Upper

138 100

108 18.2 11.9 17.9#

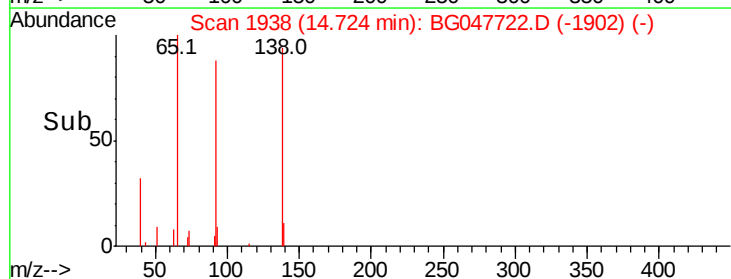
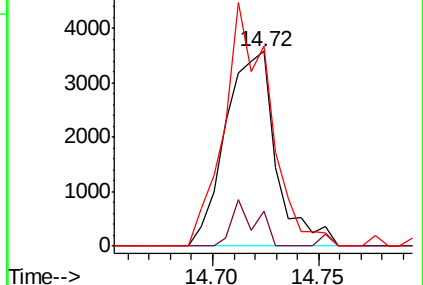
92 103.1 97.7 146.5

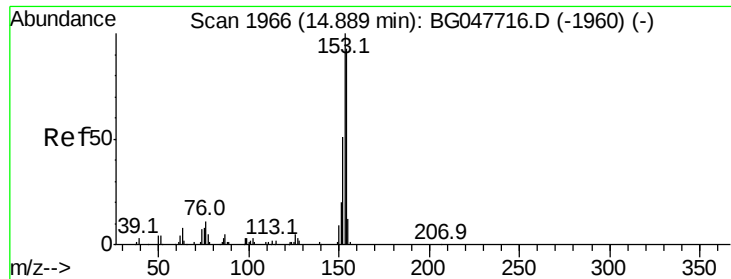


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#52

Acenaphthene

Concen: 2.850 ng/ul

RT: 14.89 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

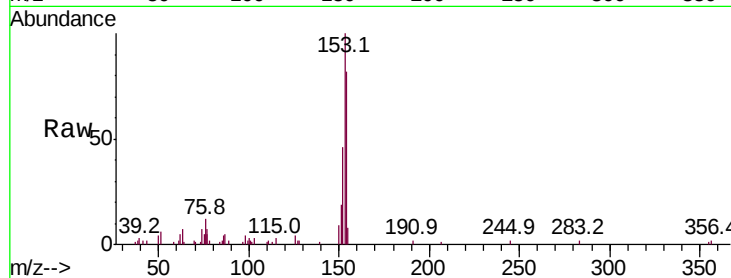
Tot Ion:153 Resp: 22401

Ion Ratio Lower Upper

153 100

152 46.5 34.8 52.2

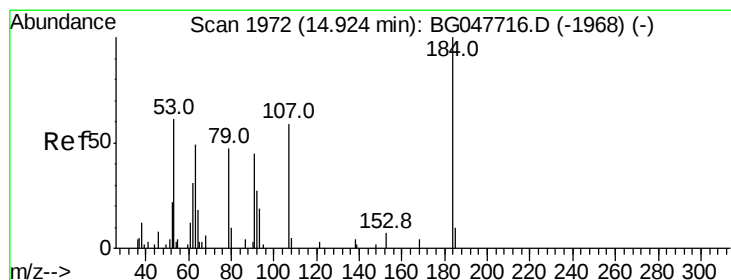
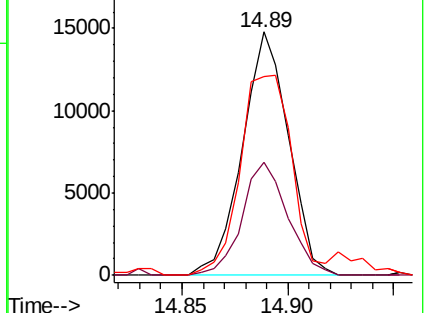
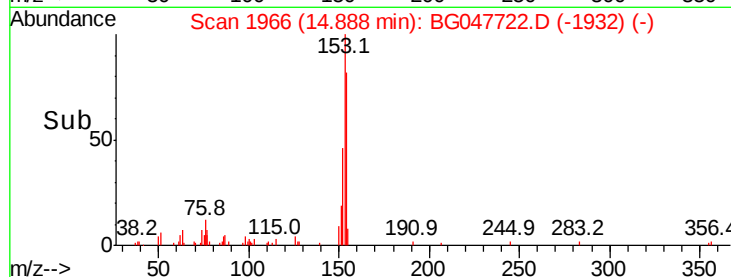
154 81.6 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

2,4-Dinitrophenol

Concen: 1.664 ng/ul

RT: 14.93 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

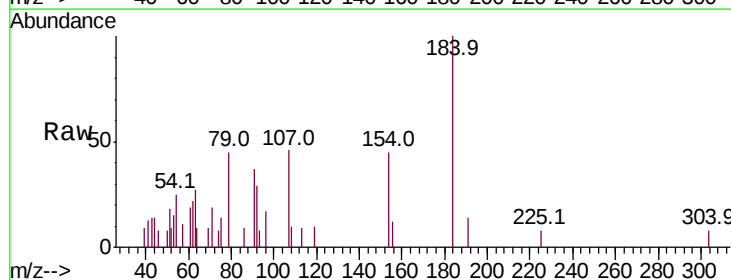
Tgt Ion:184 Resp: 2194

Ion Ratio Lower Upper

184 100

63 26.9 46.5 69.7#

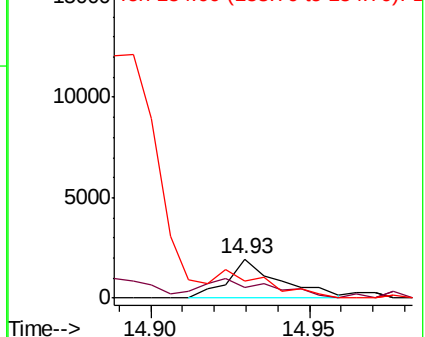
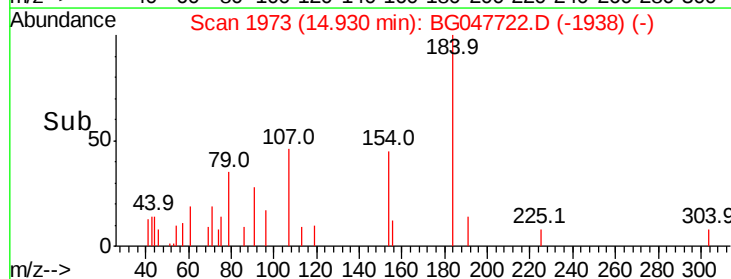
154 45.4 58.4 87.6#

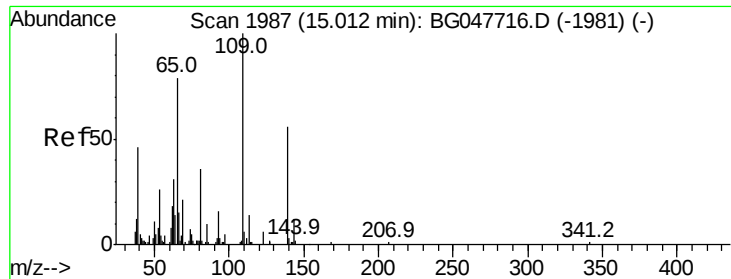


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 2.809 ng/ul

RT: 15.02 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

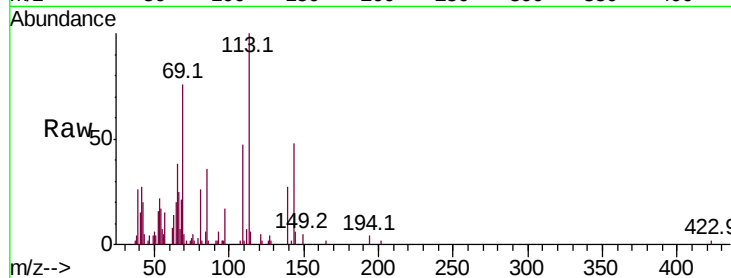
Tot Ion:109 Resp: 7448

Ion Ratio Lower Upper

109 100

139 57.9 47.0 70.6

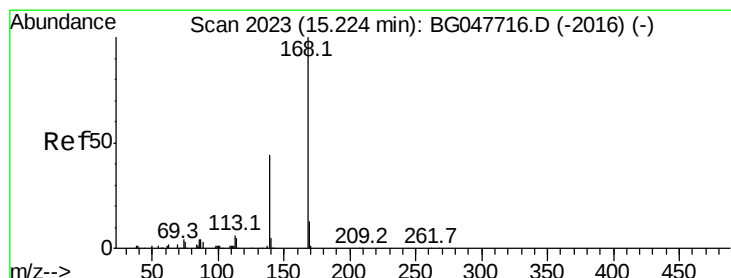
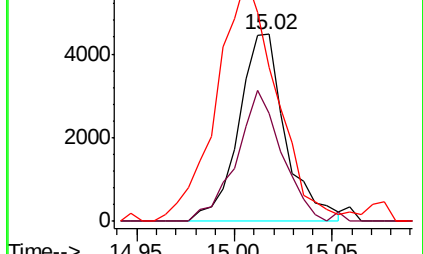
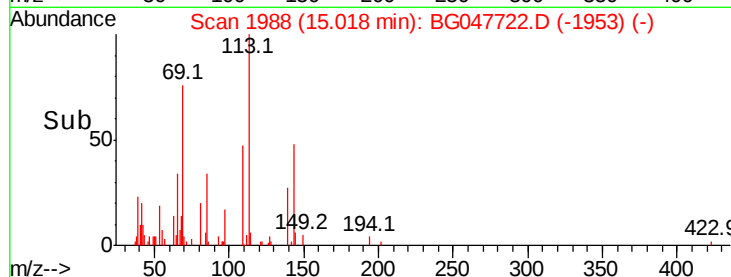
65 82.3 74.7 112.1



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: 3.055 ng/ul

RT: 15.22 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG047722.D

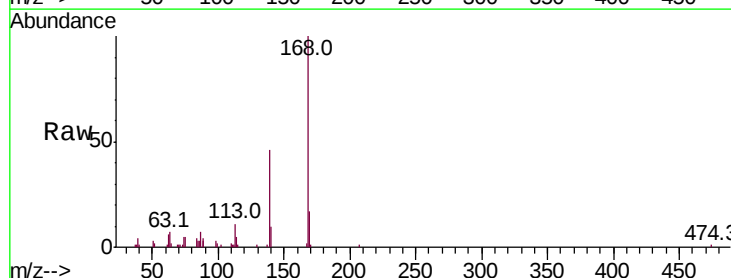
Acq: 11 Dec 2020 20:29

Tgt Ion:168 Resp: 34782

Ion Ratio Lower Upper

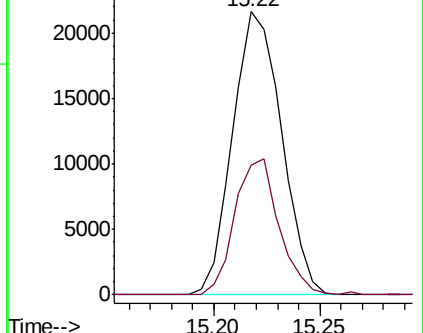
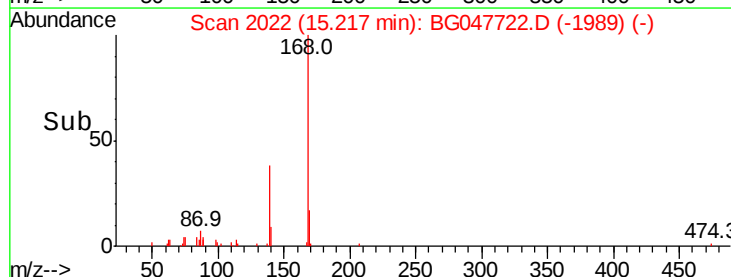
168 100

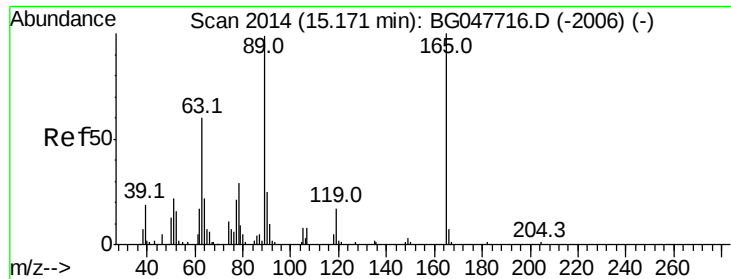
139 45.7 34.0 51.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

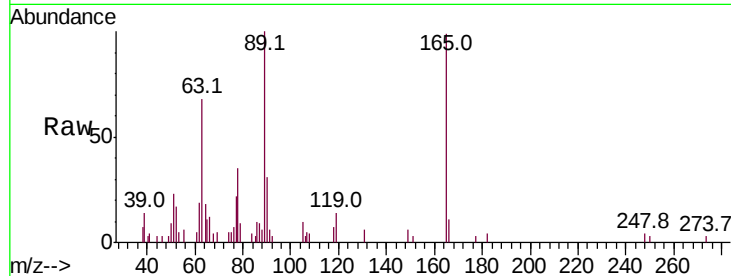




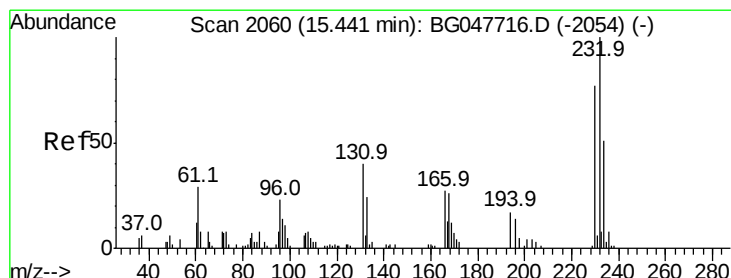
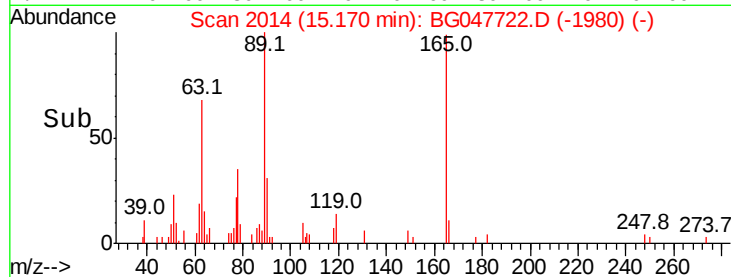
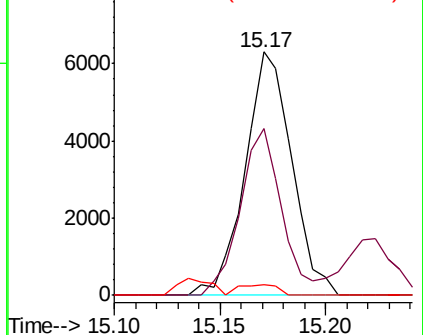
#57
2,4-Dinitrotoluene
Concen: 3.042 ng/ul
RT: 15.17 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion:165 Resp: 9690
Ion Ratio Lower Upper
165 100
63 68.6 54.6 81.8
182 4.4 2.6 3.8#

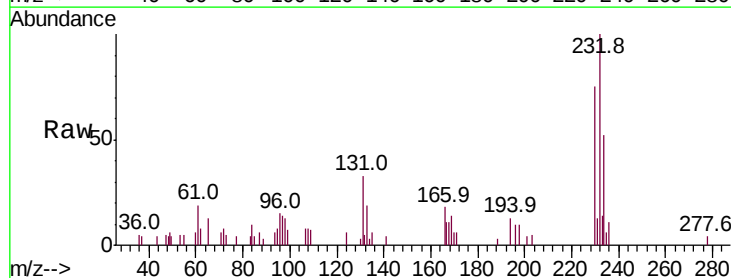


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E

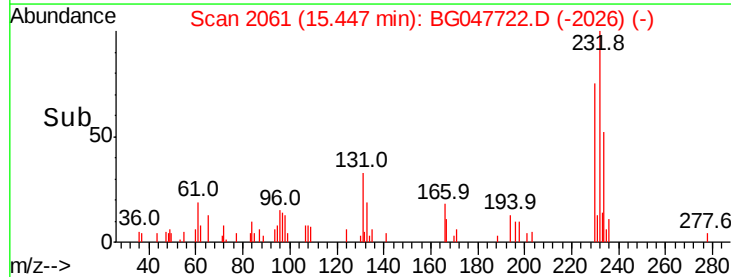
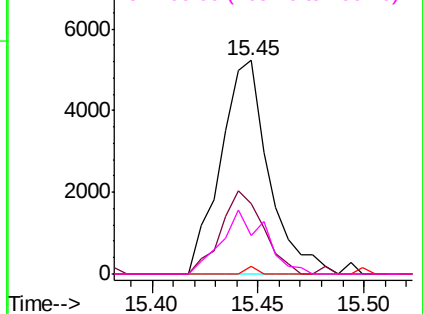


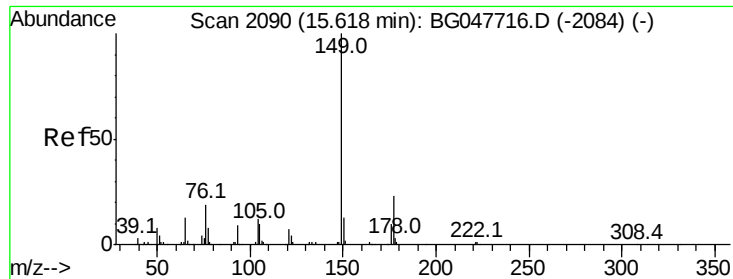
#58
2,3,4,6-Tetrachlorophenol
Concen: 2.733 ng/ul
RT: 15.45 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion:232 Resp: 8233
Ion Ratio Lower Upper
232 100
131 32.7 31.9 47.9
130 3.5 3.0 4.6
166 17.9 17.5 26.3



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

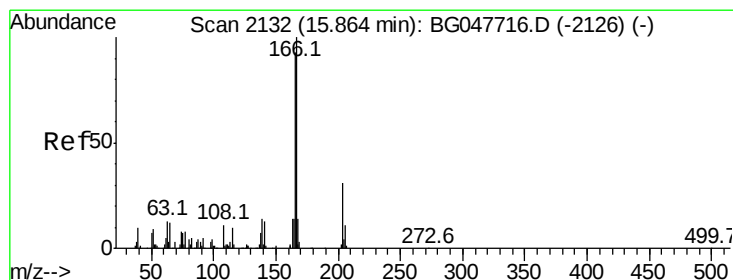
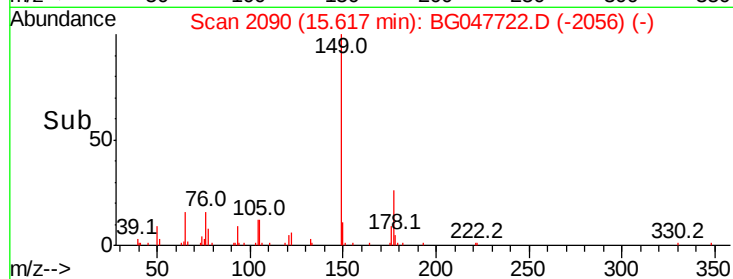
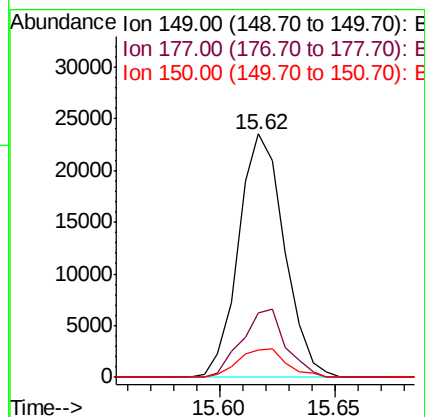
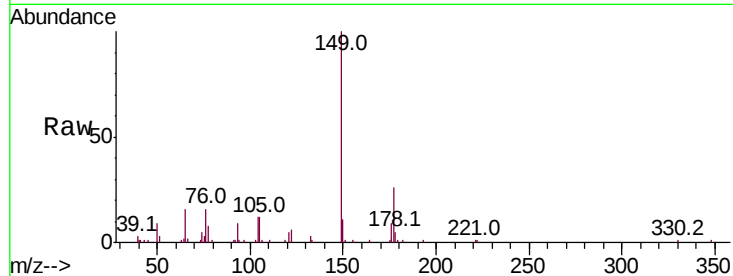




#59
Diethylphthalate
Concen: 3.119 ng/ul
RT: 15.62 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

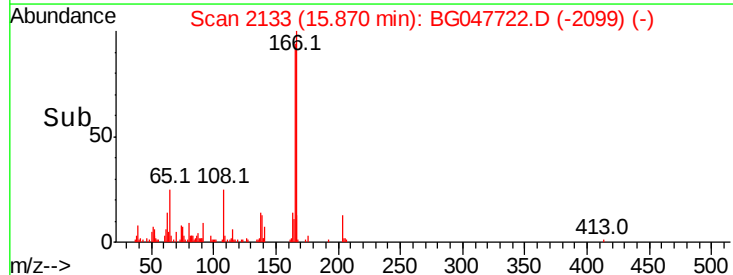
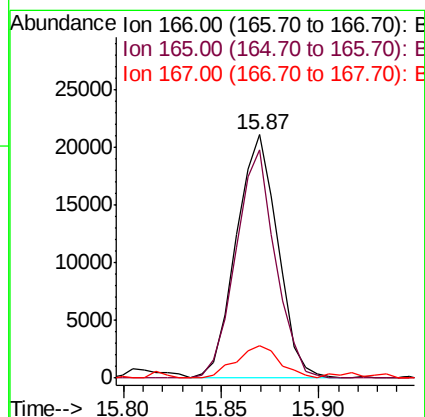
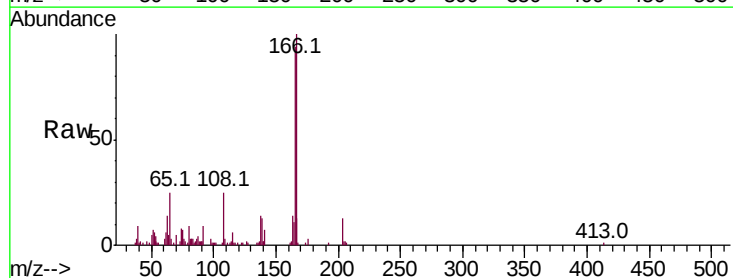
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

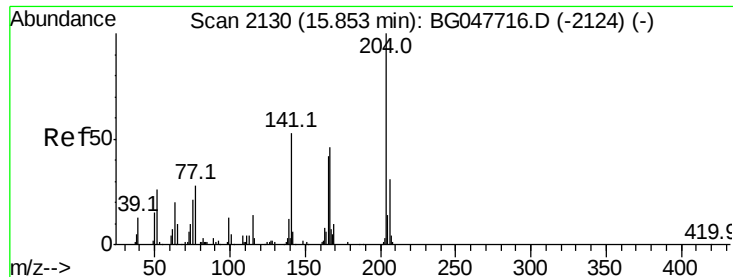
Tot Ion:149 Resp: 32474
Ion Ratio Lower Upper
149 100
177 26.2 20.6 31.0
150 11.1 11.1 16.7#



#61
Fluorene
Concen: 3.170 ng/ul
RT: 15.87 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion:166 Resp: 31022
Ion Ratio Lower Upper
166 100
165 93.7 75.4 113.2
167 13.4 12.3 18.5





#62

4-Chlorophenyl-phenylether

Concen: 2.922 ng/ul

RT: 15.85 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

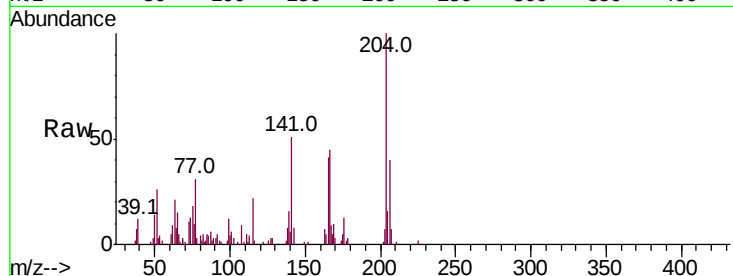
Tot Ion:204 Resp: 17885

Ion Ratio Lower Upper

204 100

206 39.6 26.2 39.2#

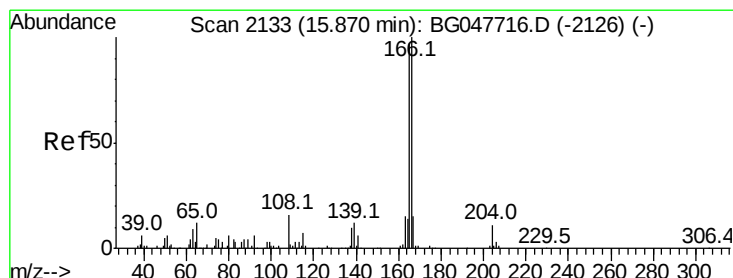
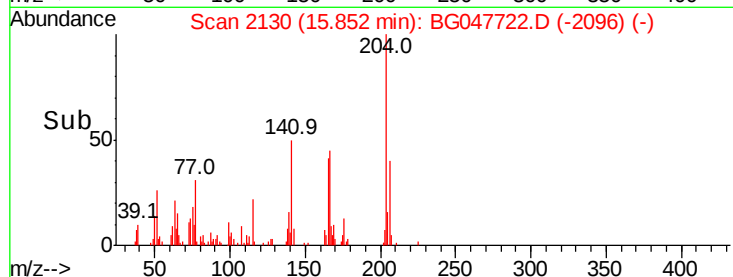
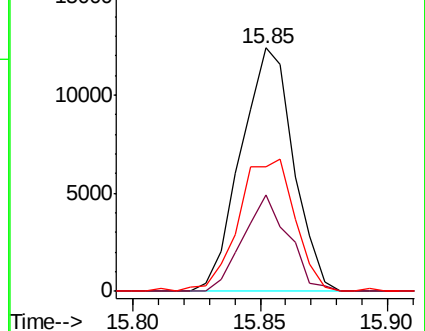
141 51.4 40.9 61.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

4-Nitroaniline

Concen: 3.926 ng/ul

RT: 15.88 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

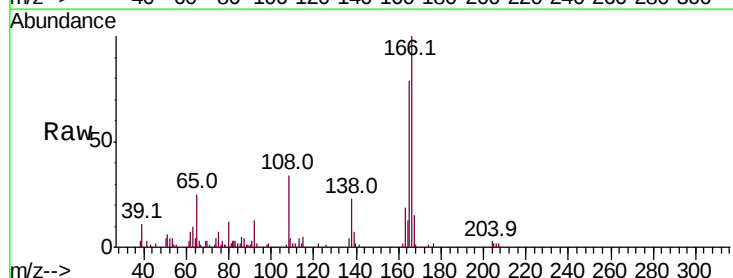
Tgt Ion:138 Resp: 5890

Ion Ratio Lower Upper

138 100

92 54.4 31.9 47.9#

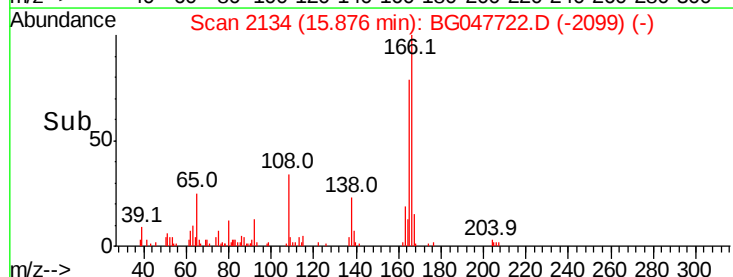
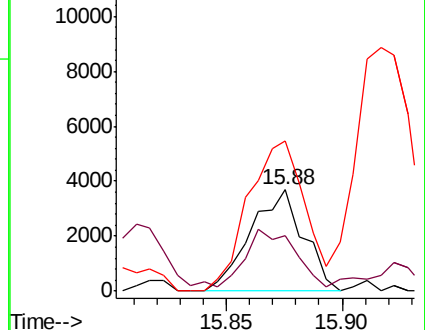
108 148.5 109.1 163.7

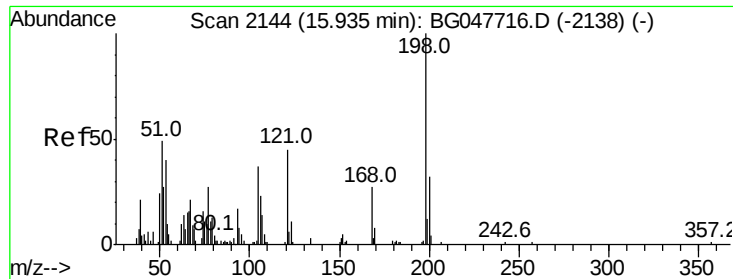


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

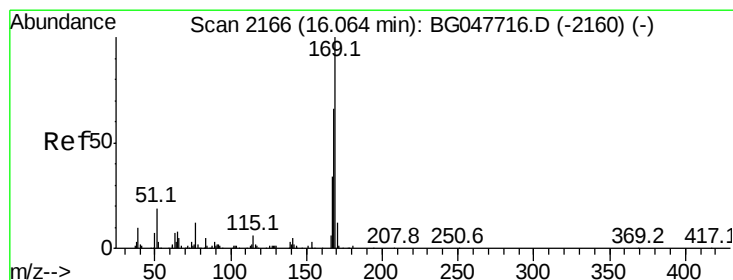
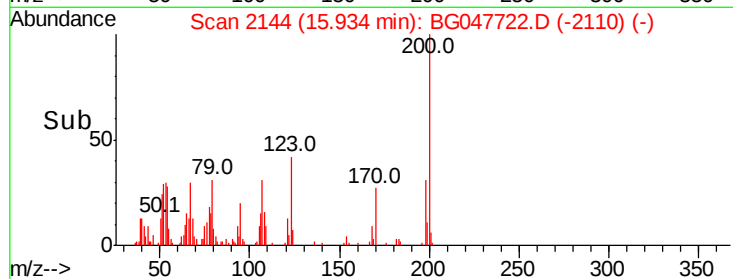
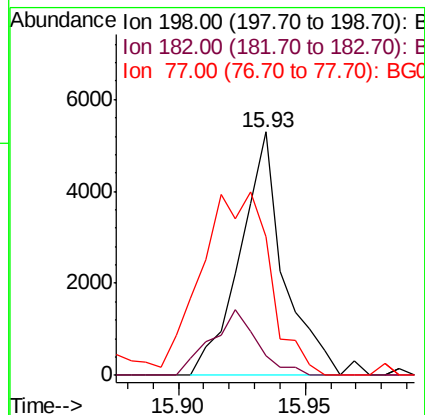
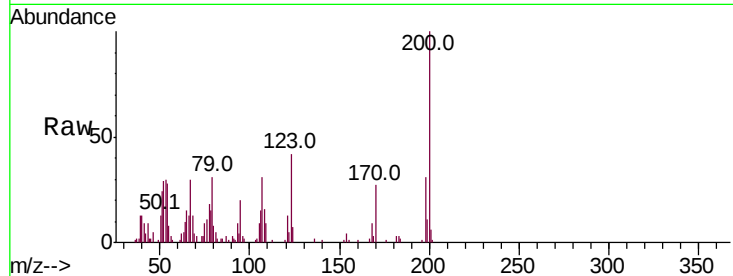




#66
 4,6-Dinitro-2-methylphenol
 Concen: 3.101 ng/ul
 RT: 15.93 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG047722.D
 Acq: 11 Dec 2020 20:29

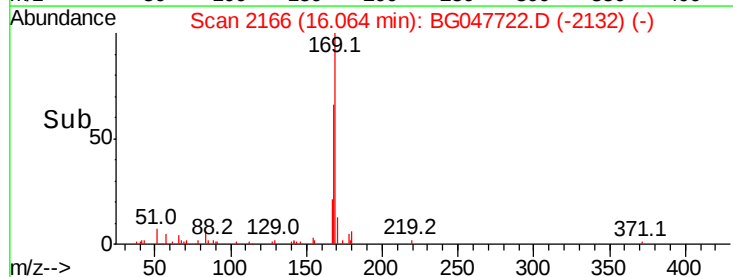
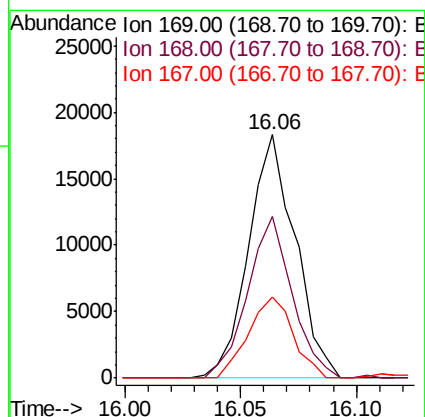
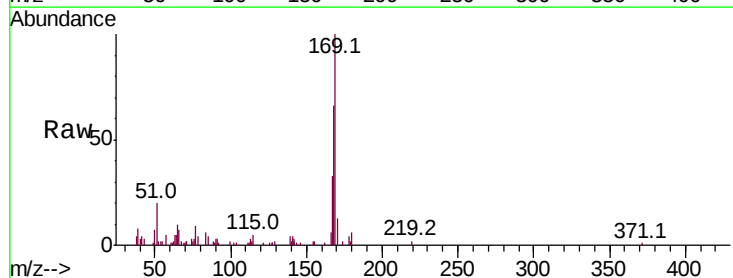
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03

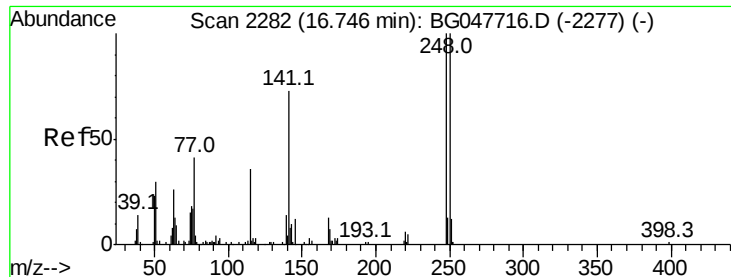
Tot Ion	Ratio	Lower	Upper
198	100		
182	8.0	2.9	4.3#
77	57.1	26.1	39.1#



#67
 N-Nitrosodiphenylamine
 Concen: 3.128 ng/ul
 RT: 16.06 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG047722.D
 Acq: 11 Dec 2020 20:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.8	80.8
167	33.3	29.8	44.8

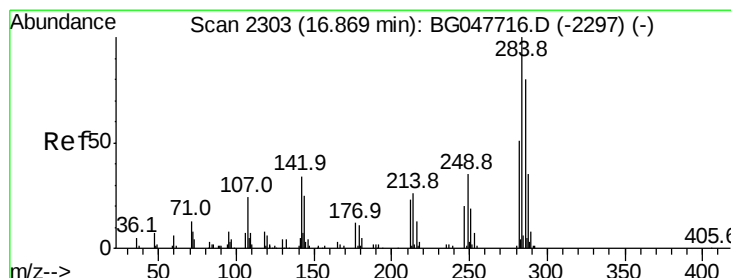
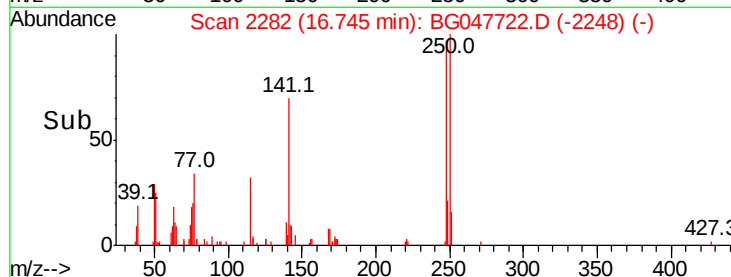
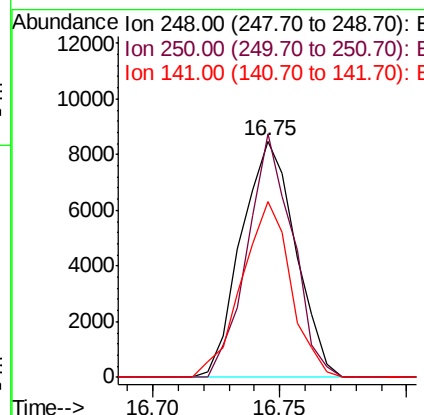
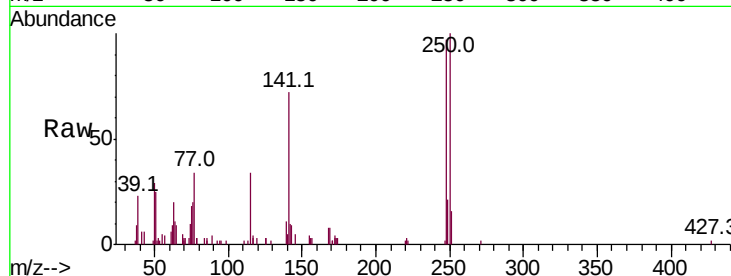




#68
4-Bromophenyl-phenylether
Concen: 3.344 ng/ul
RT: 16.75 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

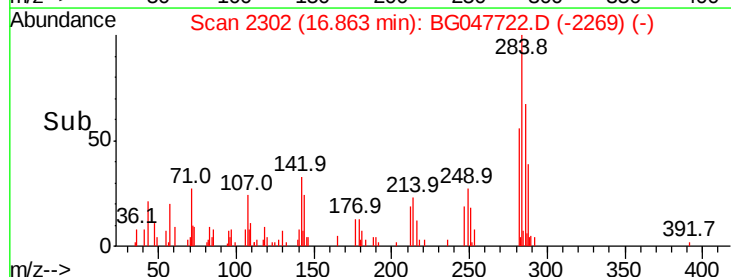
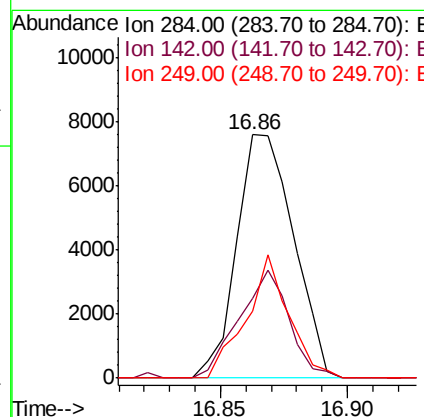
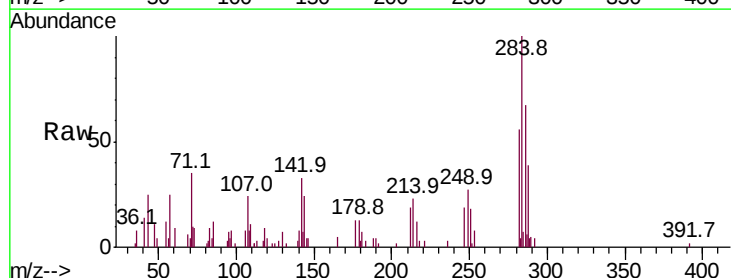
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

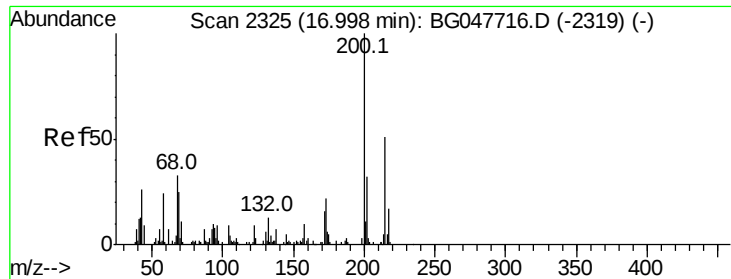
Tot Ion	Ratio	Lower	Upper
248	100		
250	102.9	77.2	115.8
141	74.2	61.8	92.6



#69
Hexachlorobenzene
Concen: 2.847 ng/ul
RT: 16.86 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	29.3	43.9
249	27.4	31.7	47.5

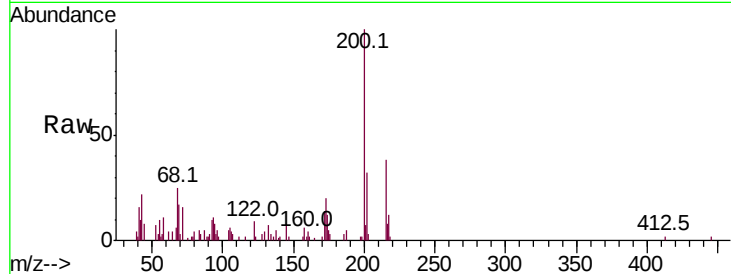




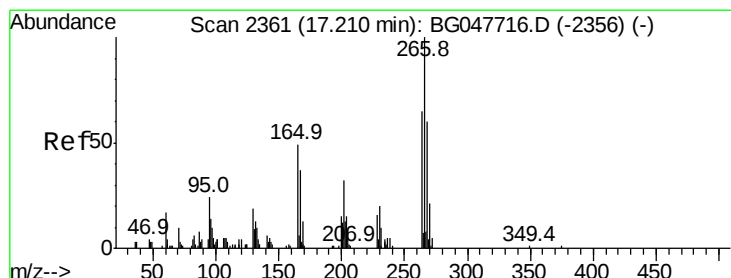
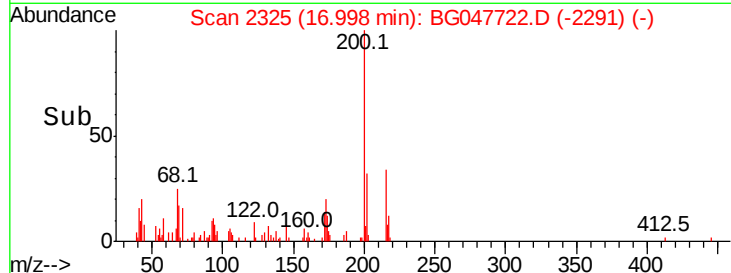
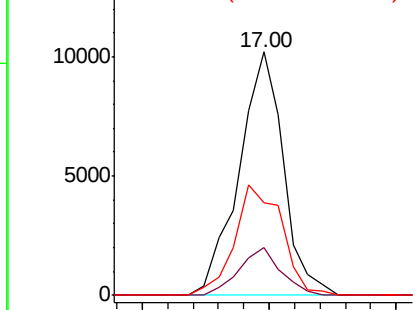
#70
Atrazine
Concen: 3.176 ng/ul
RT: 17.00 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

Tot Ion	Ratio	Lower	Upper
200	100		
173	19.6	14.9	22.3
215	38.0	42.5	63.7#

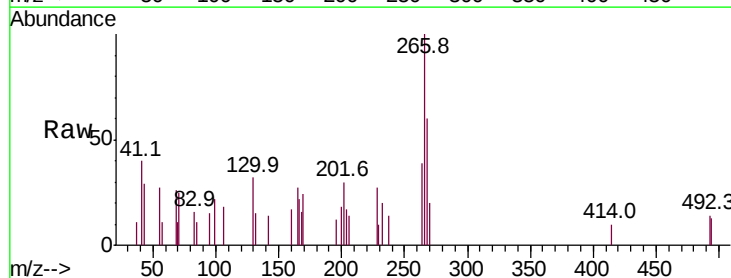


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

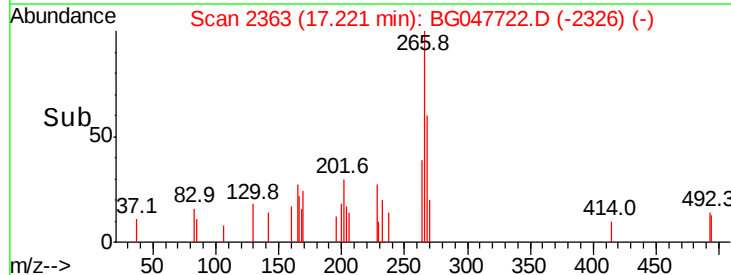
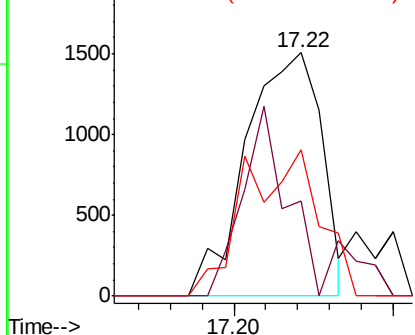


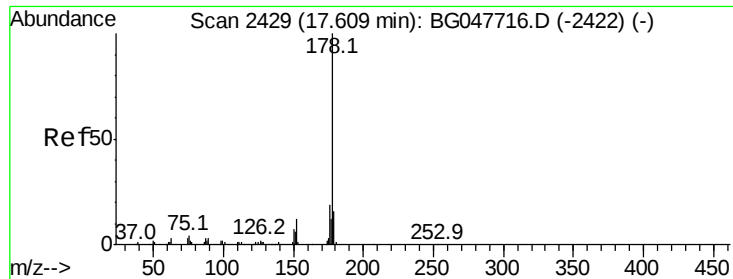
#71
Pentachlorophenol
Concen: 1.277 ng/ul
RT: 17.22 min Scan# 2363
Delta R.T. 0.02 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	39.1	56.8	85.2#
268	60.3	56.8	85.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 3.000 ng/ul

RT: 17.70 min Scan# 2444

Delta R.T. 0.09 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

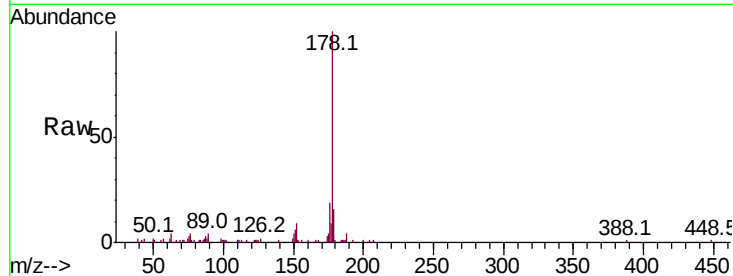
Tot Ion:178 Resp: 48084

Ion Ratio Lower Upper

178 100

179 16.0 13.5 20.3

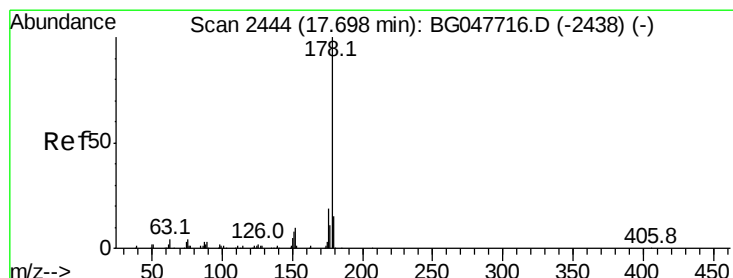
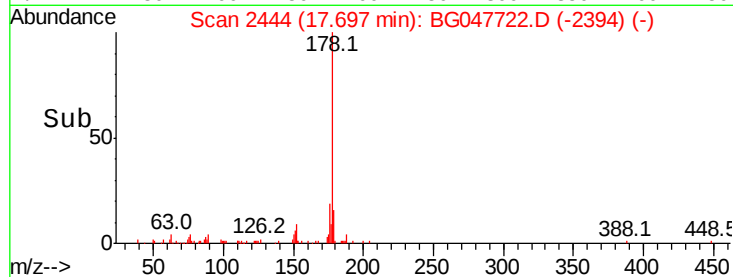
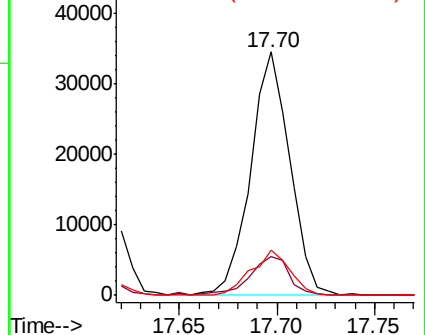
176 18.6 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Anthracene

Concen: 3.003 ng/ul

RT: 17.70 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

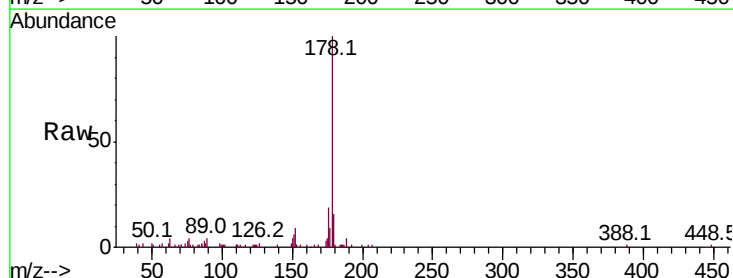
Tgt Ion:178 Resp: 48084

Ion Ratio Lower Upper

178 100

179 16.0 12.0 18.0

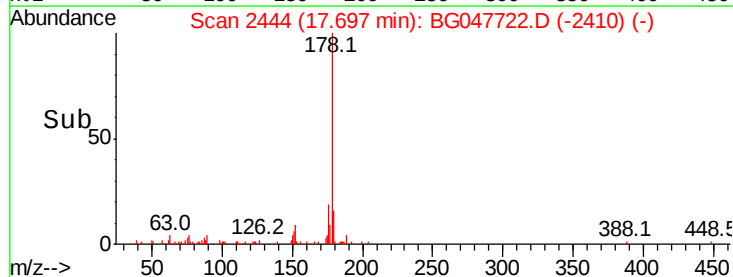
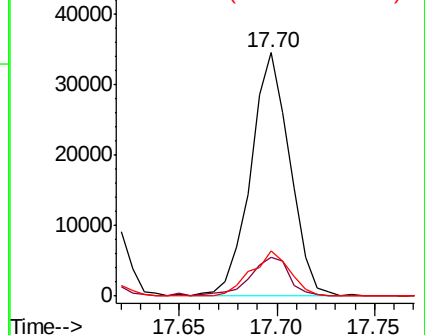
176 18.6 15.4 23.2

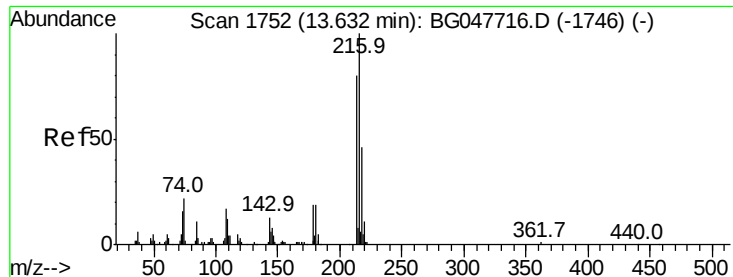


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.782 ng/uL

RT: 13.63 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

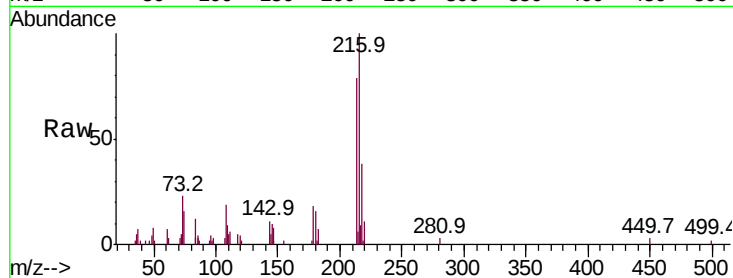
Tot Ion:216 Resp: 13307

Ion Ratio Lower Upper

216 100

214 72.7 58.6 87.8

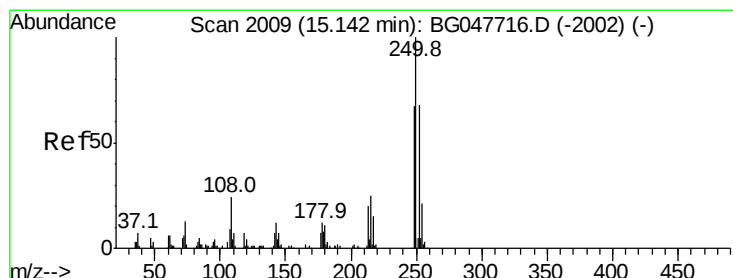
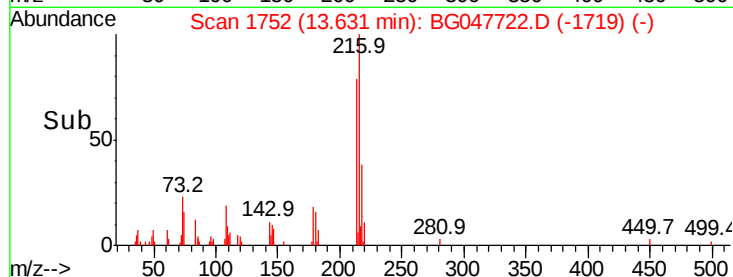
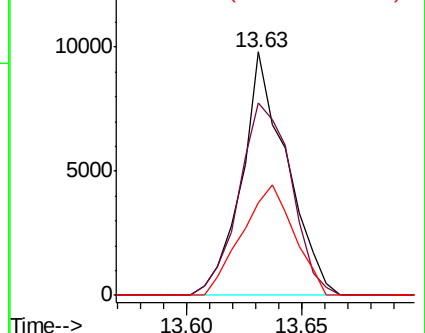
218 35.1 40.1 60.1#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#76

Pentachlorobenzene

Concen: 3.267 ng/uL

RT: 15.14 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

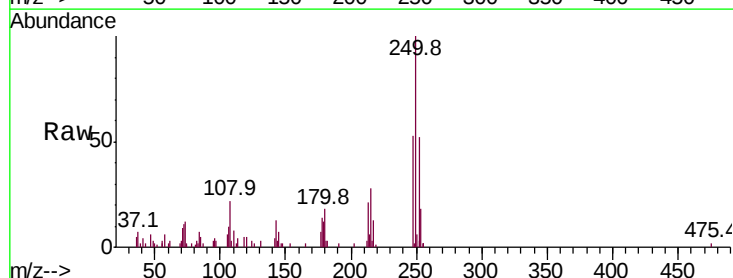
Tgt Ion:250 Resp: 15249

Ion Ratio Lower Upper

250 100

248 52.3 49.4 74.0

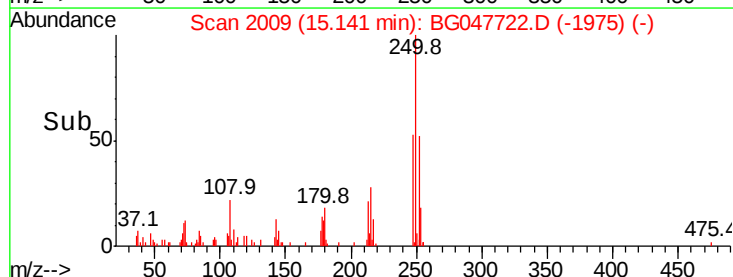
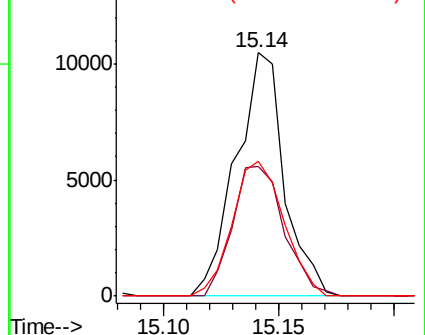
252 52.4 52.7 79.1#

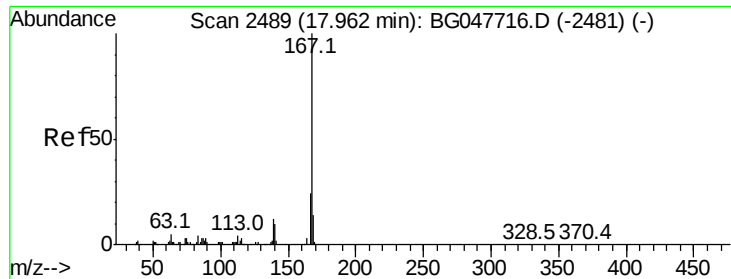


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 2.858 ng/ul

RT: 17.96 min Scan# 2489

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

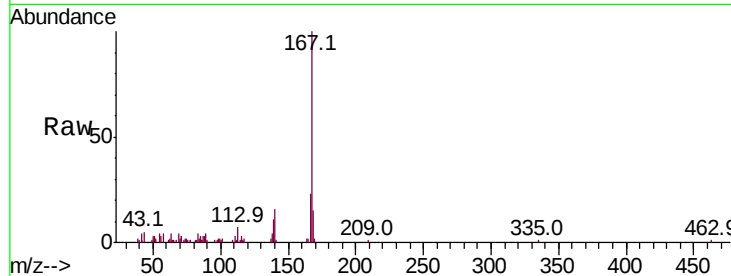
Tot Ion:167 Resp: 37293

Ion Ratio Lower Upper

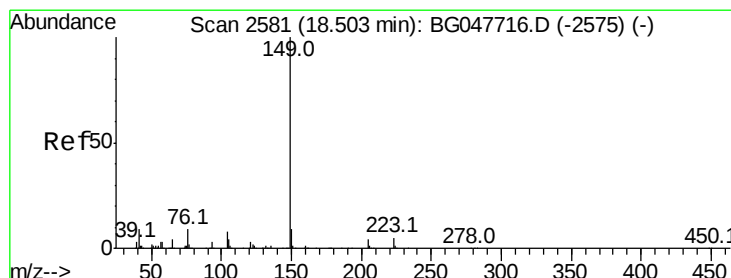
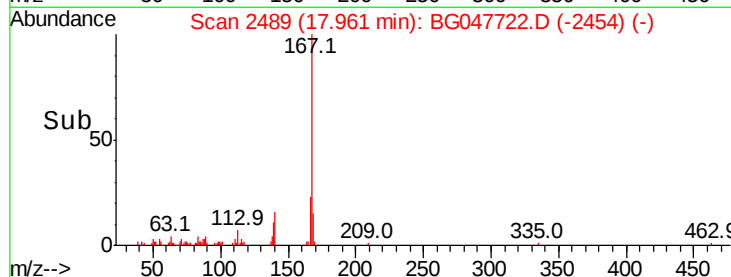
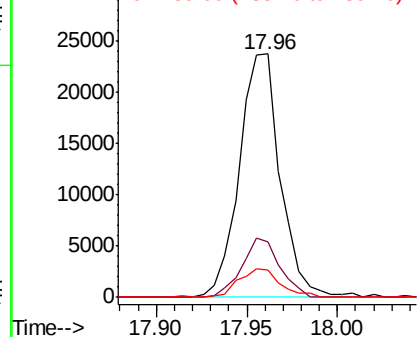
167 100

166 22.7 17.6 26.4

139 11.2 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: 3.131 ng/ul

RT: 18.50 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

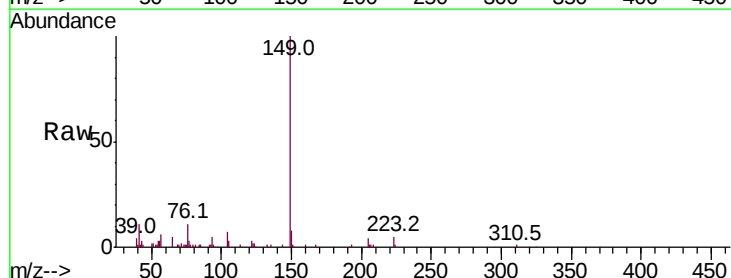
Tgt Ion:149 Resp: 50118

Ion Ratio Lower Upper

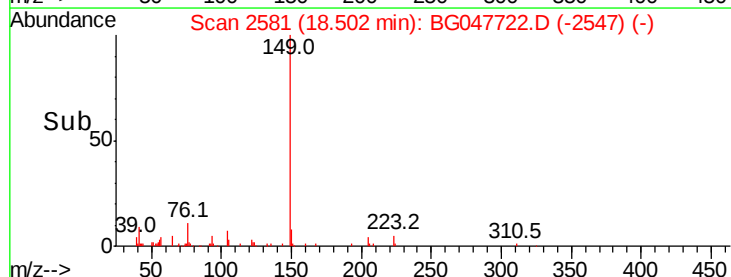
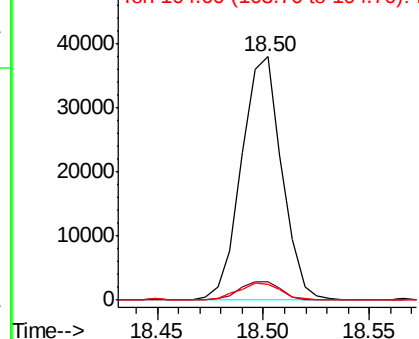
149 100

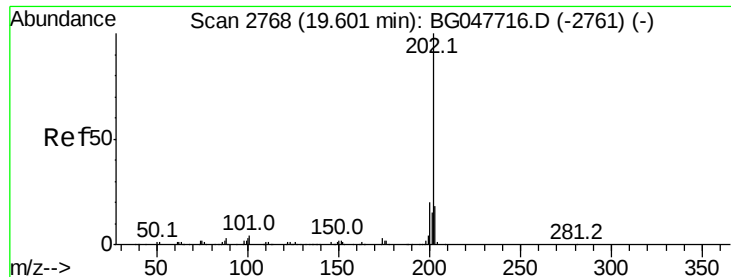
150 7.5 7.3 10.9

104 6.7 7.0 10.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

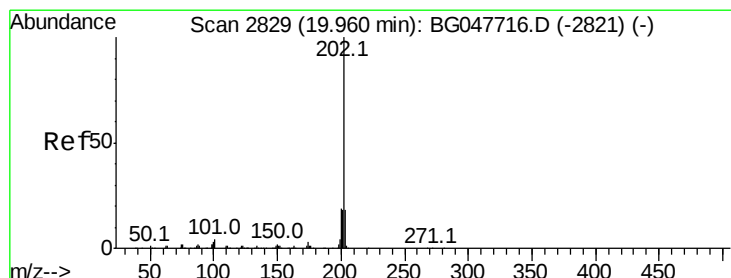
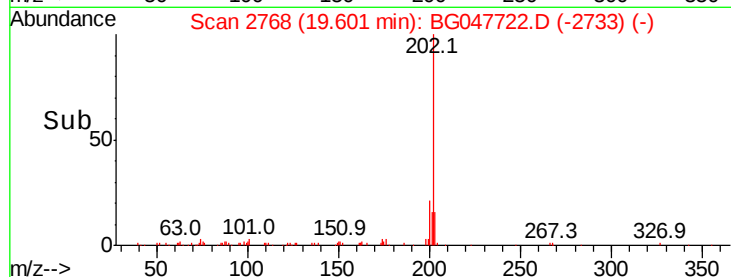
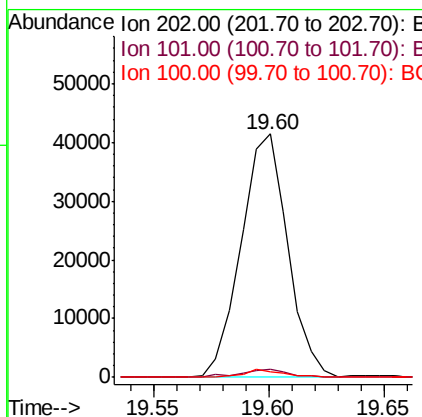
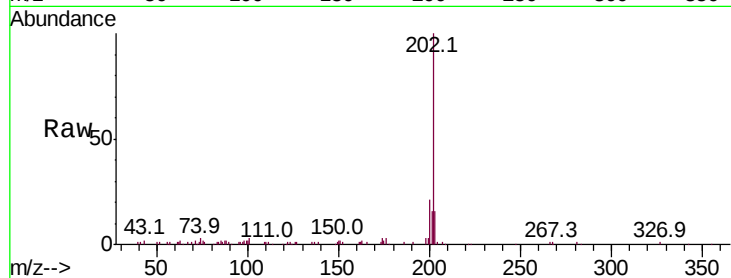




#80
Fluoranthene
Concen: 2.606 ng/ul
RT: 19.60 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

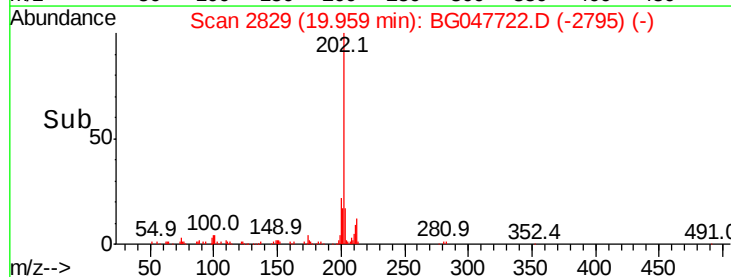
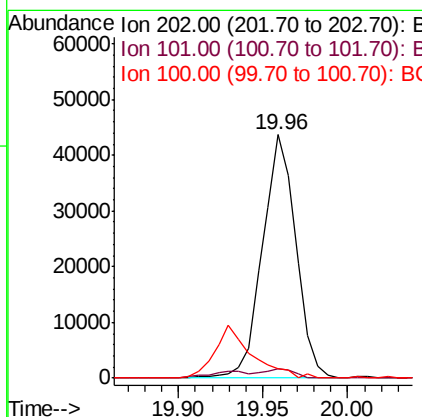
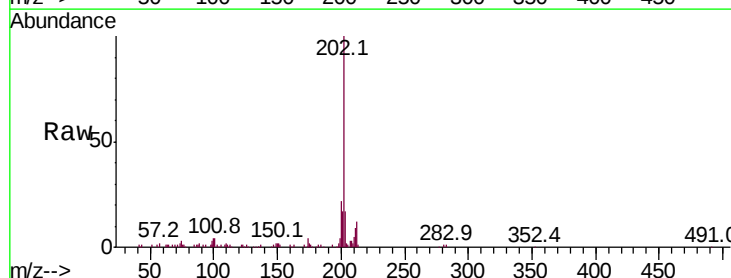
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

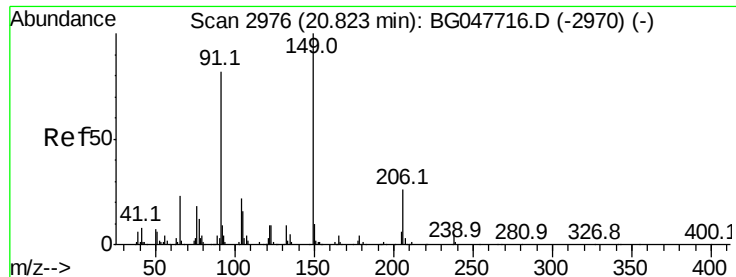
Tot Ion	Ratio	Lower	Upper
202	100		
101	3.3	2.8	4.2
100	2.5	2.3	3.5



#82
Pyrene
Concen: 2.718 ng/ul
RT: 19.96 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.0	3.8	5.6
100	4.0	3.0	4.6

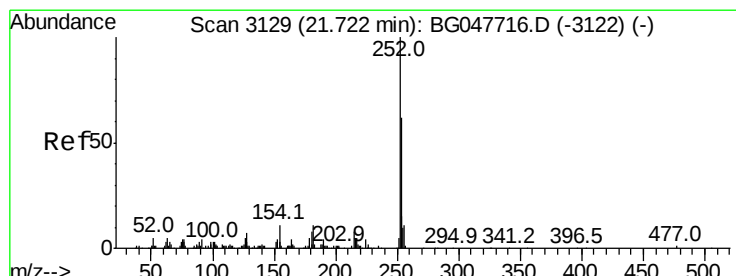
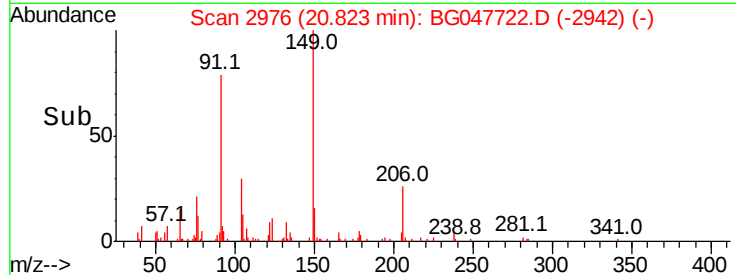
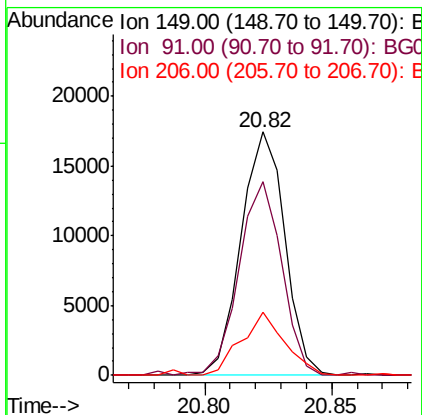
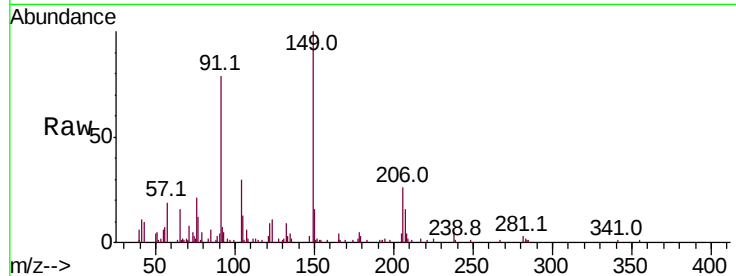




#83
Butylbenzylphthalate
Concen: 2.730 ng/ul
RT: 20.82 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

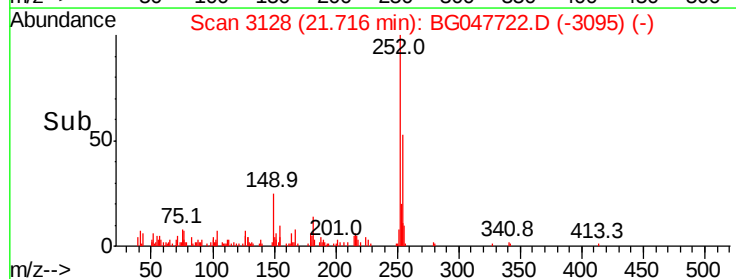
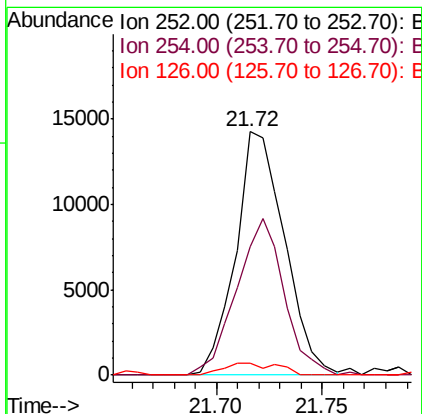
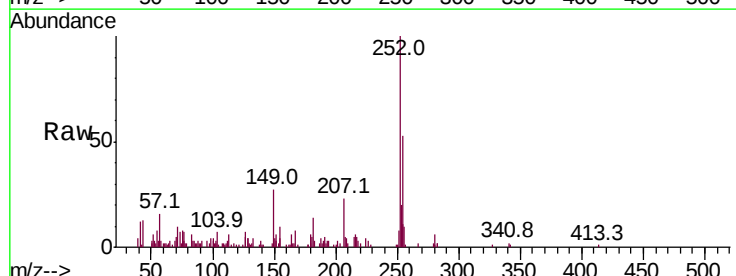
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03

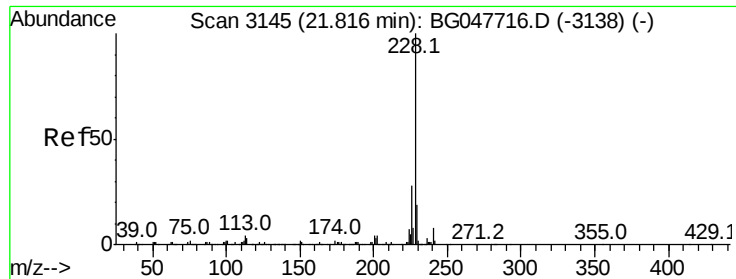
Tot Ion:149 Resp: 21036
Ion Ratio Lower Upper
149 100
91 79.4 64.6 97.0
206 26.2 20.3 30.5



#84
3,3'-Dichlorobenzidine
Concen: 2.846 ng/ul
RT: 21.72 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG047722.D
Acq: 11 Dec 2020 20:29

Tgt Ion:252 Resp: 22872
Ion Ratio Lower Upper
252 100
254 52.9 46.9 70.3
126 4.8 3.8 5.8





#85

Benzo(a)anthracene

Concen: 2.907 ng/ul

RT: 21.82 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

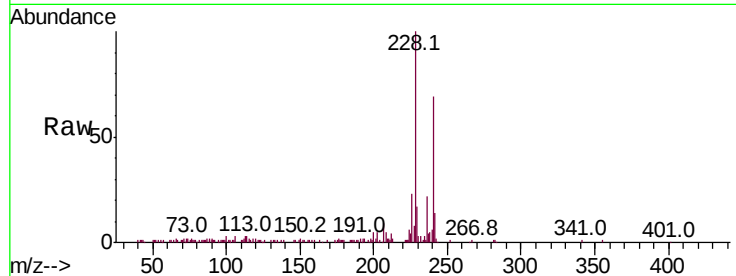
Tot Ion:228 Resp: 66994

Ion Ratio Lower Upper

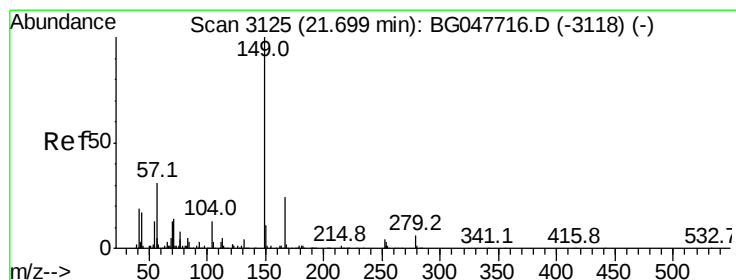
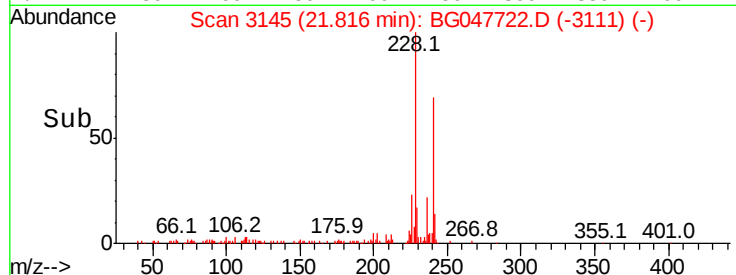
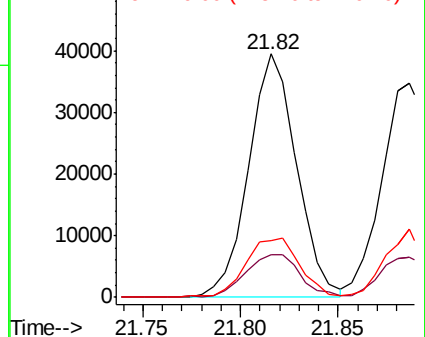
228 100

229 17.3 16.2 24.4

226 23.1 20.4 30.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.445 ng/ul

RT: 21.70 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

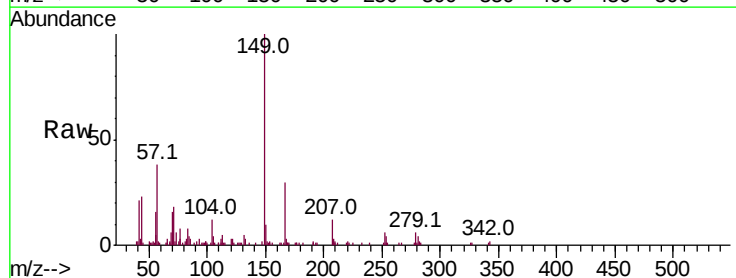
Tgt Ion:149 Resp: 36586

Ion Ratio Lower Upper

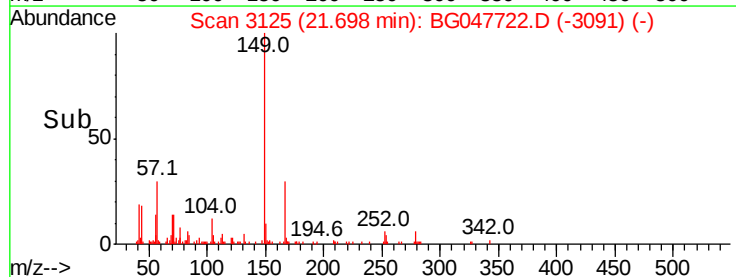
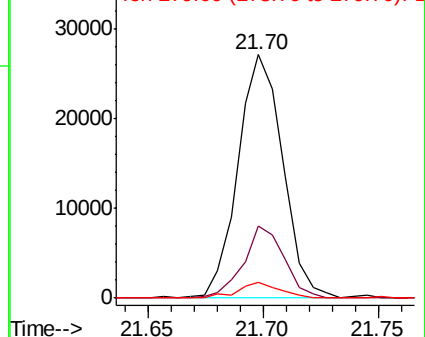
149 100

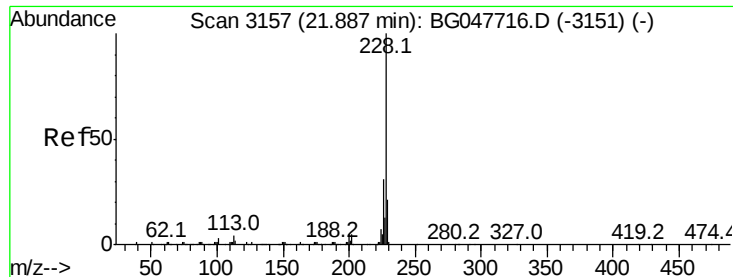
167 29.8 25.1 37.7

279 6.4 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: 2.771 ng/ul

RT: 21.89 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

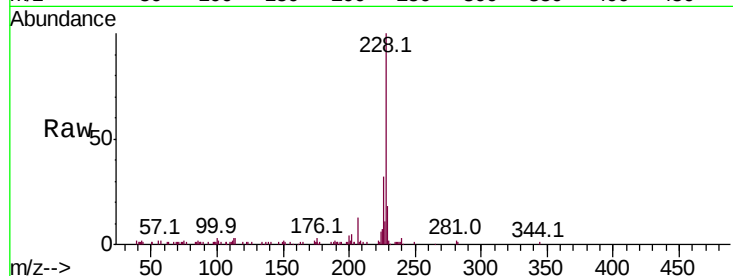
Tot Ion:228 Resp: 60597

Ion Ratio Lower Upper

228 100

226 32.1 23.0 34.6

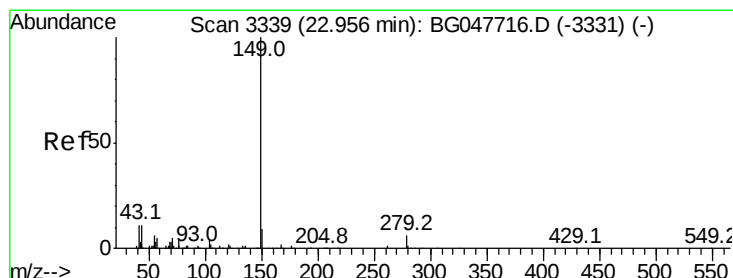
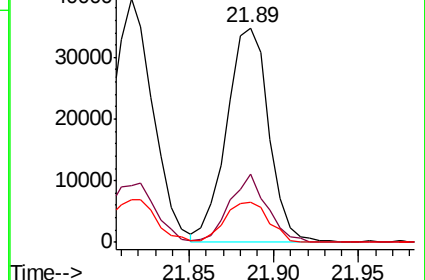
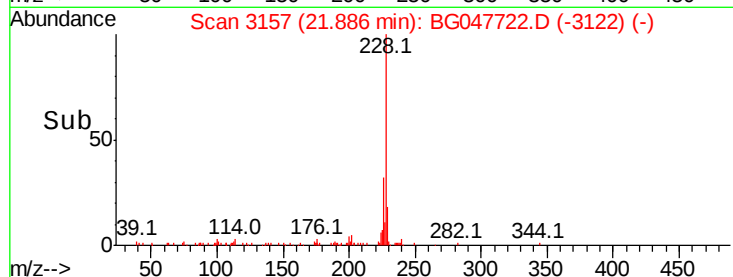
229 18.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 2.780 ng/ul

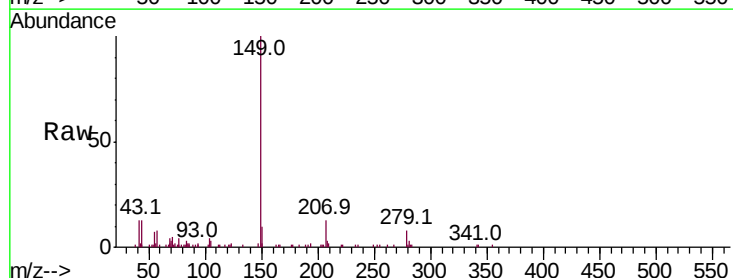
RT: 22.96 min Scan# 3339

Delta R.T. -0.00 min

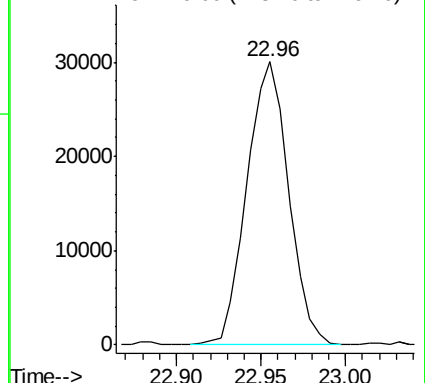
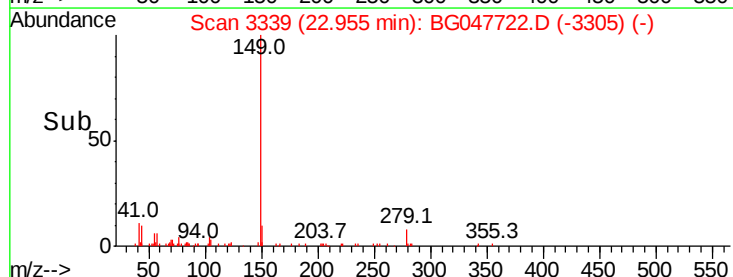
Lab File: BG047722.D

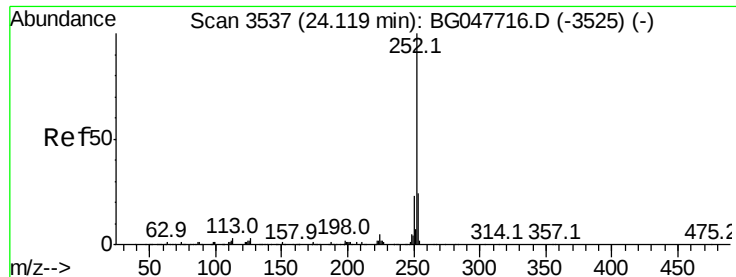
Acq: 11 Dec 2020 20:29

Tgt Ion:149 Resp: 51626



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 2.750 ng/ul

RT: 24.11 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

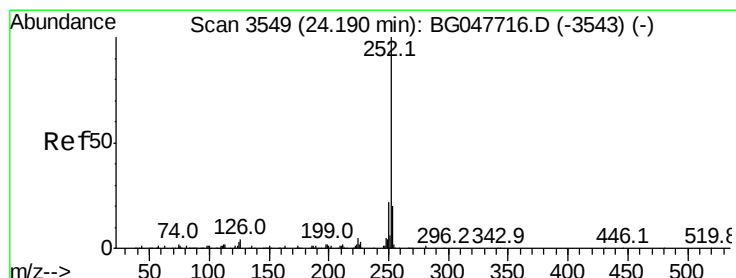
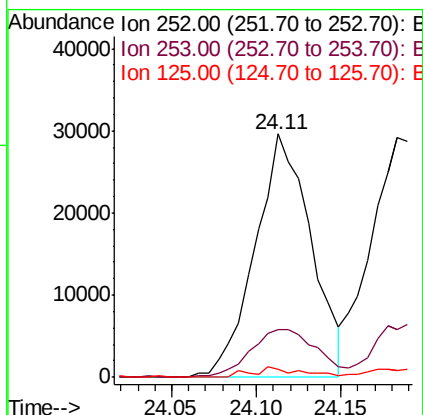
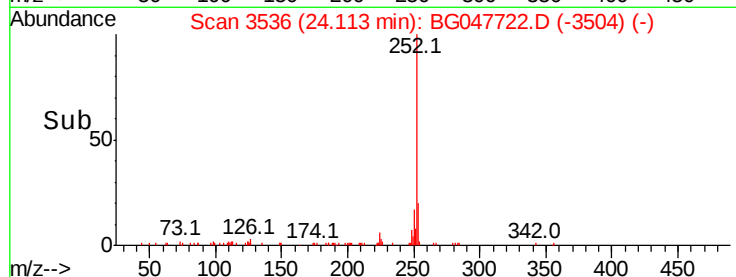
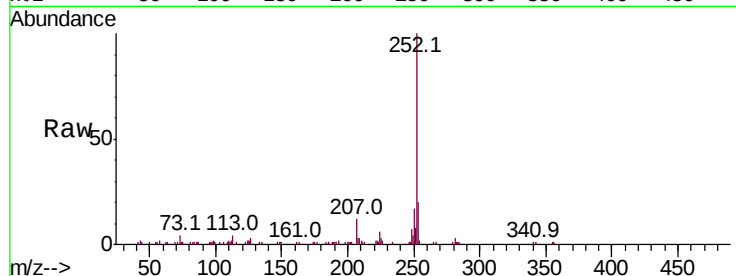
Tot Ion:252 Resp: 67819

Ion Ratio Lower Upper

252 100

253 19.9 16.6 24.8

125 3.4 1.8 2.8#



#91

Benzo(k)fluoranthene

Concen: 2.979 ng/ul

RT: 24.18 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

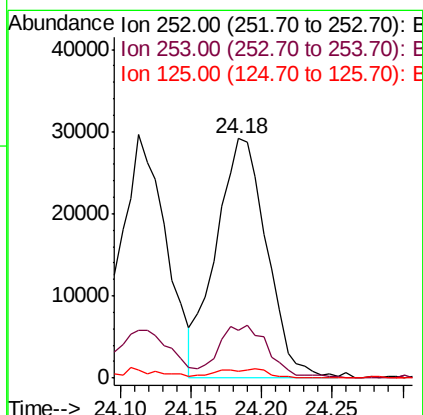
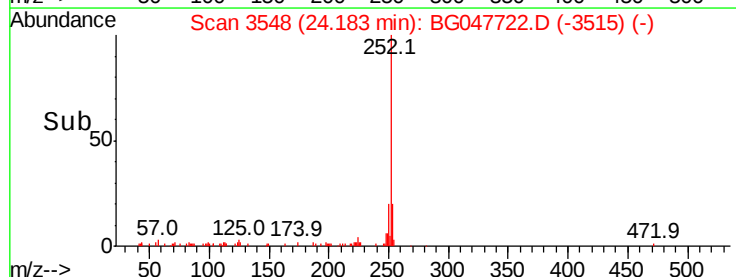
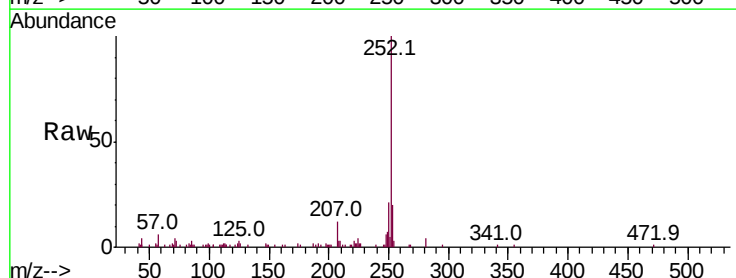
Tgt Ion:252 Resp: 72576

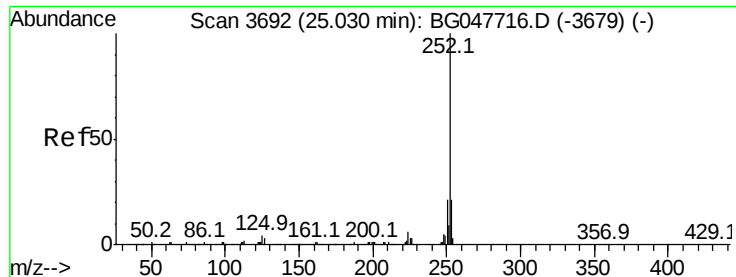
Ion Ratio Lower Upper

252 100

253 20.2 17.0 25.4

125 2.8 2.2 3.2





#93

Benzo(a)pyrene

Concen: 2.823 ng/ul

RT: 25.04 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03

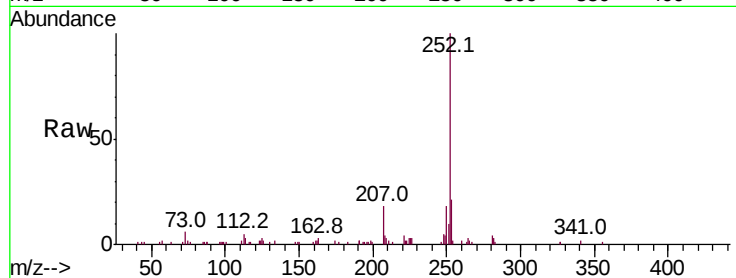
Tot Ion:252 Resp: 61387

Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

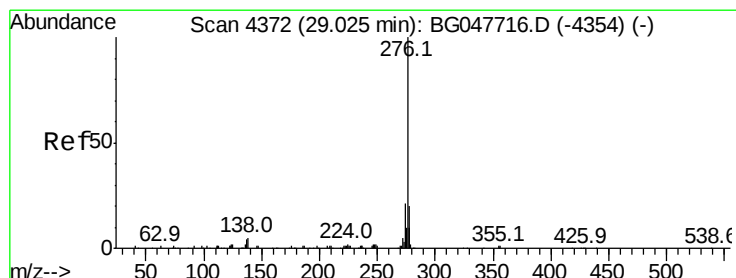
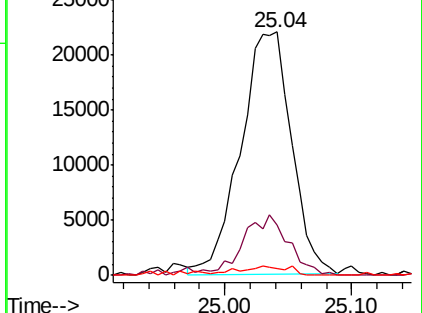
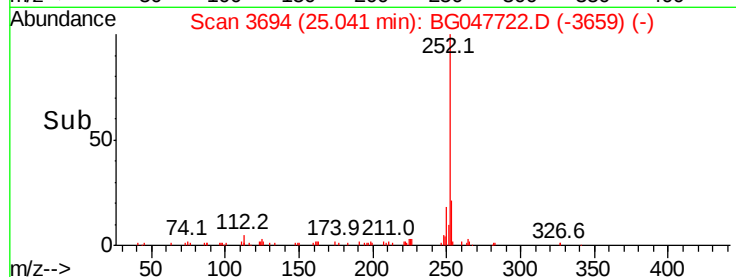
125 2.7 2.6 4.0



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: 2.505 ng/ul

RT: 29.02 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

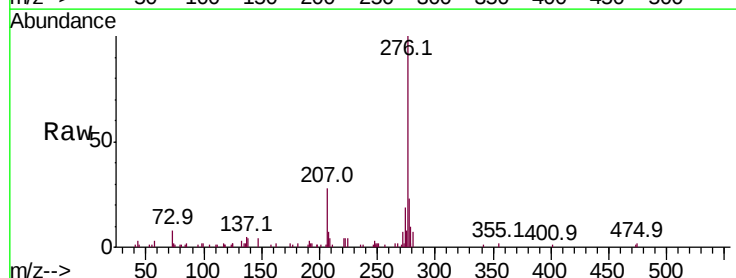
Tgt Ion:276 Resp: 67408

Ion Ratio Lower Upper

276 100

138 4.0 5.1 7.7#

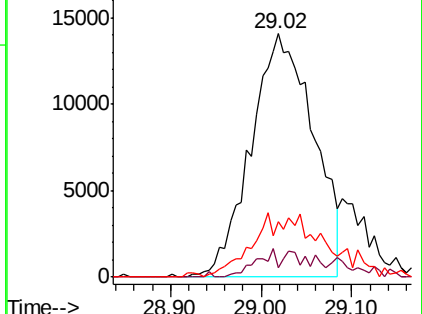
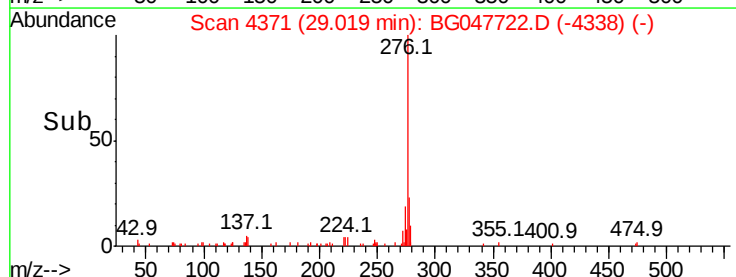
277 22.7 18.4 27.6

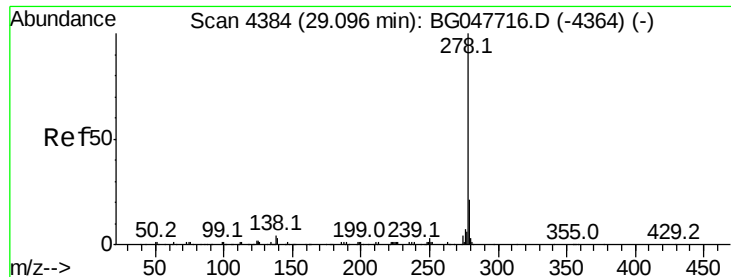


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 2.219 ng/ul

RT: 29.08 min Scan# 4382

Delta R.T. -0.01 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Instrument :

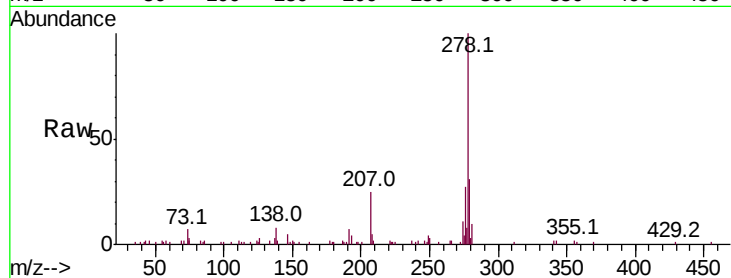
BNA_G

ClientSampleId :

MDL-SOIL-03

Tot Ion:278 Resp: 49591

Ion	Ratio	Lower	Upper
278	100		
139	2.2	3.5	5.3#
279	30.8	18.6	28.0#

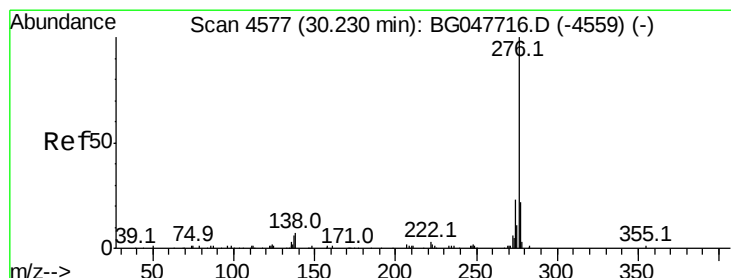
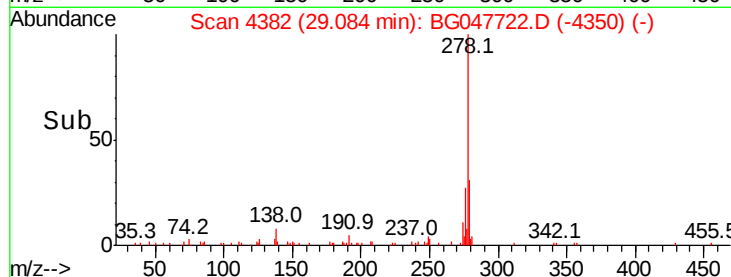
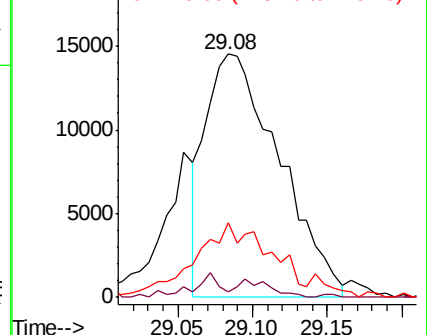


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#96

Benzo(g,h,i)perylene

Concen: 1.003 ng/ul

RT: 30.21 min Scan# 4574

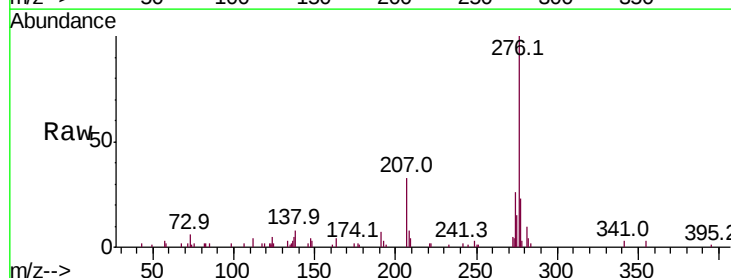
Delta R.T. -0.03 min

Lab File: BG047722.D

Acq: 11 Dec 2020 20:29

Tgt Ion:276 Resp: 22223

Ion	Ratio	Lower	Upper
276	100		
138	8.3	4.2	6.4#
277	23.1	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

