

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
 Data File : BG047724.D
 Acq On : 11 Dec 2020 21:50
 Operator : CG/JU
 Sample : L4485-15
 Misc : ME-SOIL-01
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-01

Quant Time: Dec 12 00:02:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 11 23:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	32131	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	121065	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	93198	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.66	188	365596	20.00	ng/ul	0.10
79) Chrysene-d12	21.93	240	386	20.00	ng/ul	0.09
88) Perylene-d12	25.25	264	1258	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2492	3.41	ng/uL	0.00
4) Pyridine-d5	3.96	84	45955	22.16	ng/ul	0.00
7) Phenol-d5	7.35	99	84866	31.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.52	67	47552	33.48	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	64566	31.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	70145	34.22	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	32254	31.66	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	38685	33.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	76104	31.07	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	89673	31.46	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	255951	33.28	ng/ul	0.00
49) Acenaphthylene-d8	14.52	160	306488	34.84	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	34318	29.29	ng/ul	0.00
60) Fluorene-d10	15.81	176	226457	31.54	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.92	200	48576	19.41	ng/ul	0.00
73) Anthracene-d10	17.66	188	365285	20.55	ng/ul	0.00
81) Pyrene-d10	19.93	212	445899	21340.04	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.03	264	525	7.44	ng/ul	0.06

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.57	88	677	0.898	ng/uL# 45
5) Pyridine	3.99	79	6275	3.227	ng/ul# 55
6) Benzaldehyde	7.33	77	6892	5.565	ng/ul# 73
8) Phenol	7.37	94	8774	3.313	ng/ul# 85
10) Bis(2-Chloroethyl)ether	7.60	93	5765	3.129	ng/ul 93
12) 2-Chlorophenol	7.76	128	6261	3.096	ng/ul# 81
13) 2-Methylphenol	8.63	108	5950	2.953	ng/ul 91
14) 2,2'-oxybis(1-Chloropropan	8.73	45	5592	3.262	ng/ul 92
16) Acetophenone	9.03	105	11813	3.431	ng/ul 95
17) N-Nitroso-di-n-propylamine	9.01	70	5685	3.007	ng/ul# 91
18) 4-Methylphenol	8.96	108	7073	3.199	ng/ul 82
19) Hexachloroethane	9.30	117	3369	3.402	ng/ul 85
22) Nitrobenzene	9.41	77	9969	3.287	ng/ul# 76
23) Isophorone	9.93	82	17519	3.325	ng/ul# 95
25) 2-Nitrophenol	10.13	139	4052	3.344	ng/ul# 90
26) 2,4-Dimethylphenol	10.18	107	9378	3.297	ng/ul# 85
27) Bis(2-Chloroethoxy)methane	10.42	93	7958	3.165	ng/ul# 91
29) 2,4-Dichlorophenol	10.68	162	7070	3.146	ng/ul 92
30) Naphthalene	11.08	128	22273	3.330	ng/ul 95
32) 4-Chloroaniline	11.18	127	8705	3.195	ng/ul 91
33) Hexachlorobutadiene	11.36	225	7720	3.199	ng/ul# 81
34) Caprolactam	11.95	113	1487	1.954	ng/ul# 53

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.28	107	6829	2.757	ng/ul#	80
36) 2-Methylnaphthalene	12.67	142	16639	3.297	ng/ul	99
37) 1-Methylnaphthalene	12.89	142	16088	3.336	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	12455	3.245	ng/ul	99
40) Hexachlorocyclopentadiene	13.01	237	6233	2.477	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.26	196	7152	3.107	ng/ul	91
42) 2,4,5-Trichlorophenol	13.33	196	6984	2.865	ng/ul#	81
43) 1,1'-Biphenyl	13.67	154	23628	3.282	ng/ul	93
44) 2-Chloronaphthalene	13.71	162	16918	2.986	ng/ul	94
45) 2-Nitroaniline	13.90	65	5559	2.856	ng/ul#	83
47) Dimethylphthalate	14.26	163	25997	3.299	ng/ul#	95
48) 2,6-Dinitrotoluene	14.38	165	5100	3.063	ng/ul#	78
50) Acenaphthylene	14.55	152	26967	3.254	ng/ul	96
51) 3-Nitroaniline	14.72	138	4198	3.511	ng/ul#	79
52) Acenaphthene	14.89	153	18737	3.181	ng/ul#	92
53) 2,4-Dinitrophenol	14.93	184	1161	1.175	ng/ul#	86
55) 4-Nitrophenol	15.01	109	6453	3.248	ng/ul#	85
56) Dibenzofuran	15.22	168	28482	3.338	ng/ul	99
57) 2,4-Dinitrotoluene	15.17	165	7805	3.270	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.44	232	6267	2.776	ng/ul#	91
59) Diethylphthalate	15.62	149	24691	3.165	ng/ul#	93
61) Fluorene	15.87	166	23995	3.272	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.85	204	14172	3.090	ng/ul	98
63) 4-Nitroaniline	15.88	138	4782	4.254	ng/ul#	93
66) 4,6-Dinitro-2-methylphenol	15.97	198	113	0.044	ng/ul#	47
67) N-Nitrosodiphenylamine	16.06	169	20850	2.050	ng/ul	93
68) 4-Bromophenyl-phenylether	16.75	248	10174	2.167	ng/ul	99
69) Hexachlorobenzene	16.87	284	11994	2.328	ng/ul	93
70) Atrazine	17.00	200	9746	2.011	ng/ul	92
71) Pentachlorophenol	17.20	266	1685	0.696	ng/ul	87
72) Phenanthrene	17.70	178	41233	2.077	ng/ul	97
74) Anthracene	17.70	178	41233	2.079	ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.63	216	12690	2.142	ng/uL	92
76) Pentachlorobenzene	15.14	250	12336	2.134	ng/uL	87
77) Carbazole	17.96	167	35126	2.173	ng/ul	96
78) Di-n-butylphthalate	18.54	149	55	0.003	ng/ul#	75
80) Fluoranthene	19.67	202	266	10.054	ng/ul#	90
82) Pyrene	20.00	202	86	3.293	ng/ul#	87
83) Butylbenzylphthalate	20.82	149	18777	2060.867	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.72	252	22258	2341.939	ng/ul	96
85) Benzo(a)anthracene	21.89	228	53387	1959.424	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.80	149	227	18.075	ng/ul#	50
87) Chrysene	21.89	228	52482	2029.986	ng/ul	98
89) Di-n-octyl phthalate	23.06	149	64	0.967	ng/ul	100
90) Benzo(b)fluoranthene	24.18	252	58863	669.449	ng/ul#	84
91) Benzo(k)fluoranthene	24.27	252	166	1.911	ng/ul#	59
93) Benzo(a)pyrene	25.10	252	195	2.515	ng/ul#	59
94) Indeno(1,2,3-cd)pyrene	29.16	276	122	1.271	ng/ul#	73
95) Dibenzo(a,h)anthracene	29.24	278	147	1.845	ng/ul#	1
96) Benzo(g,h,i)perylene	30.23	276	24660	312.042	ng/ul	94

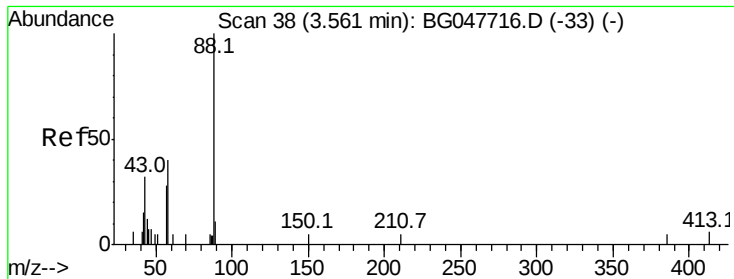
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.898 ng/uL

RT: 3.57 min Scan# 39

Delta R.T. 0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

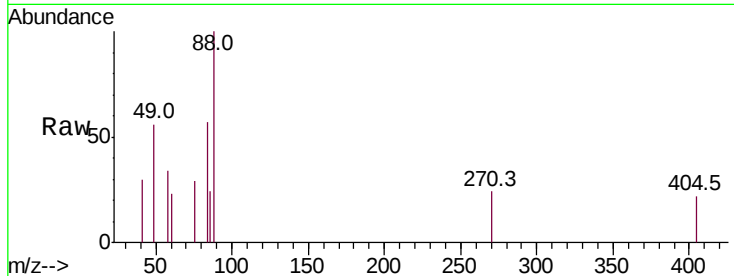
Tot Ion: 88 Resp: 677

Ion Ratio Lower Upper

88 100

43 0.0 40.6 61.0#

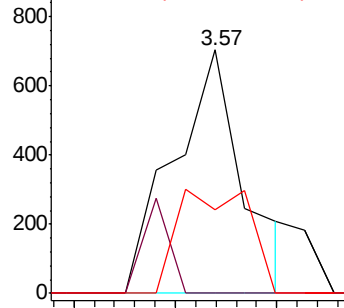
58 34.4 54.0 81.0#



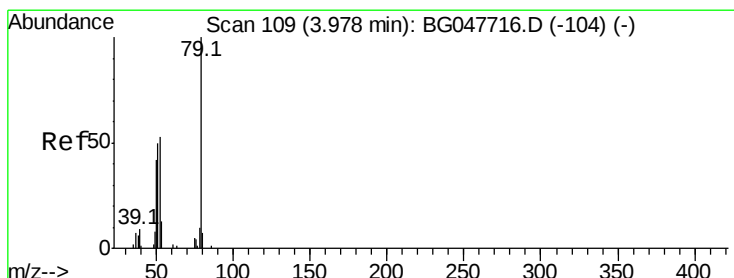
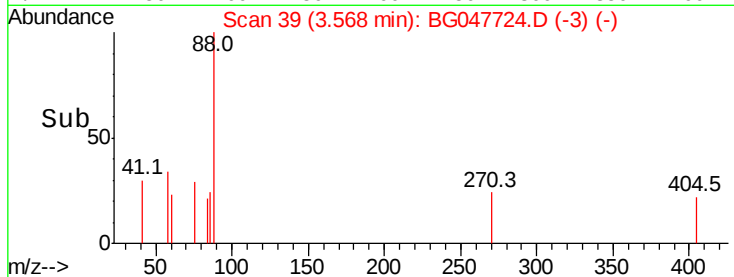
Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

Ion 58.00 (57.70 to 58.70): BGC



Time-->



#5

Pyridine

Concen: 3.227 ng/uL

RT: 3.99 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

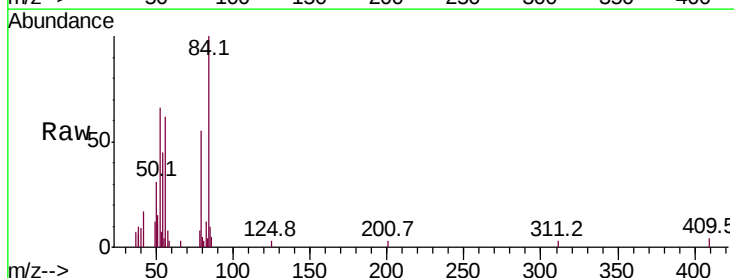
Tgt Ion: 79 Resp: 6275

Ion Ratio Lower Upper

79 100

52 119.7 60.8 91.2#

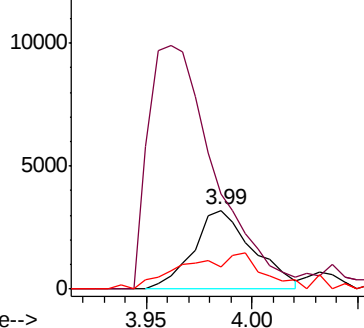
51 27.9 42.4 63.6#



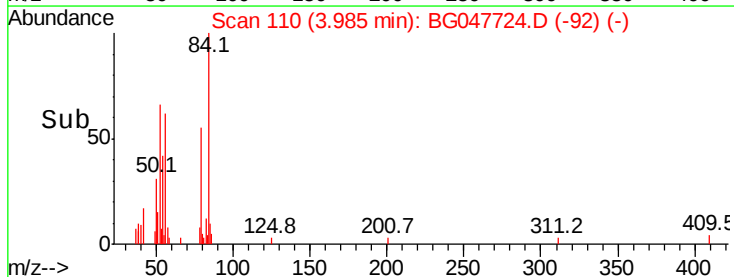
Abundance Ion 79.00 (78.70 to 79.70): BGC

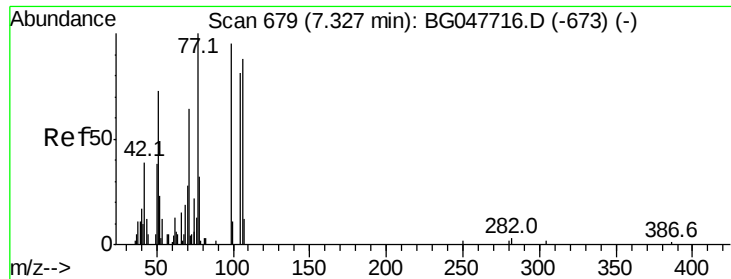
Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->





#6

Benzaldehyde

Concen: 5.565 ng/ul

RT: 7.33 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

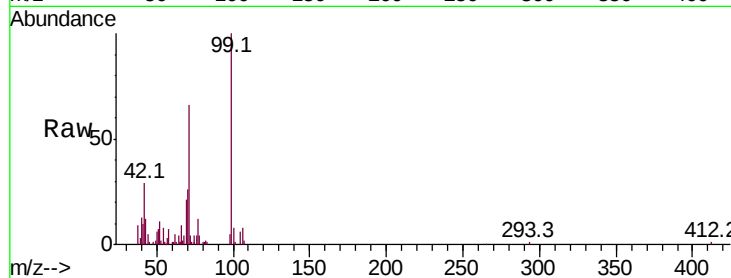
Tot Ion: 77 Resp: 6892

Ion Ratio Lower Upper

77 100

105 52.8 67.9 101.9#

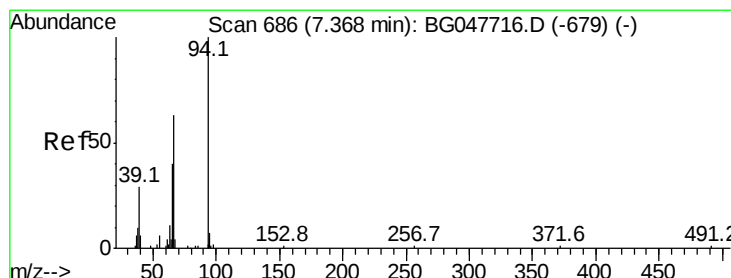
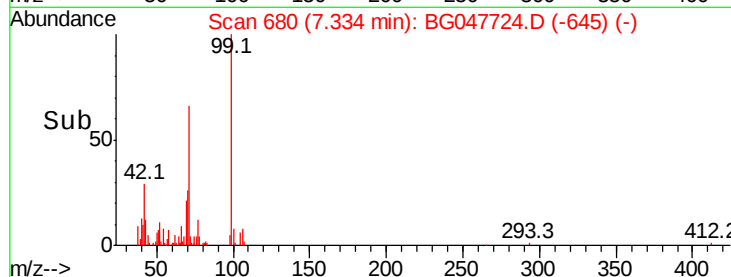
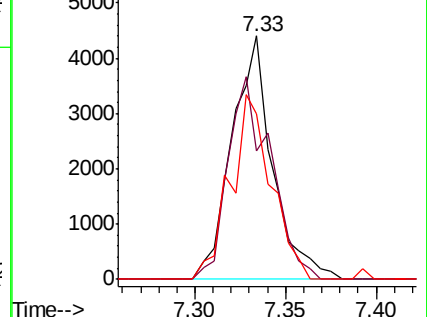
106 67.8 68.1 102.1#



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: 3.313 ng/ul

RT: 7.37 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

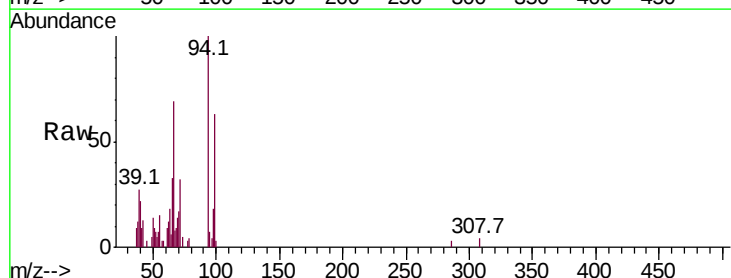
Tgt Ion: 94 Resp: 8774

Ion Ratio Lower Upper

94 100

65 33.1 37.2 55.8#

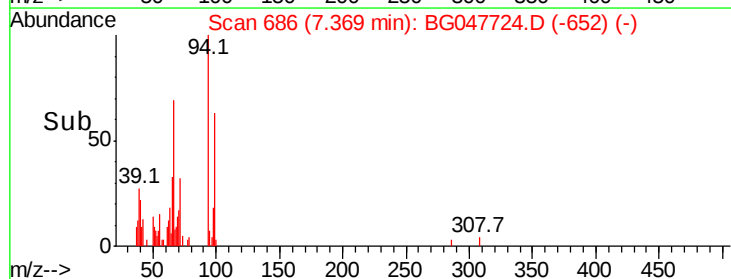
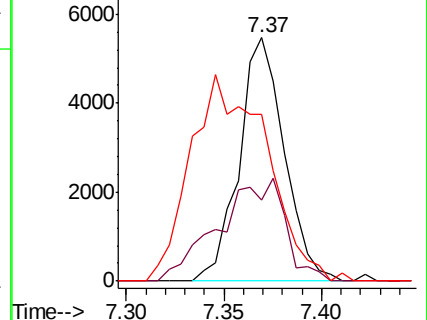
66 68.6 63.2 94.8

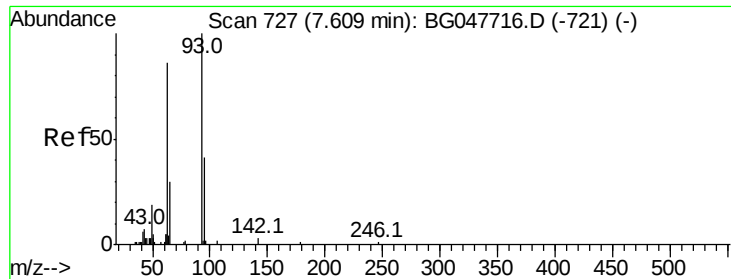


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

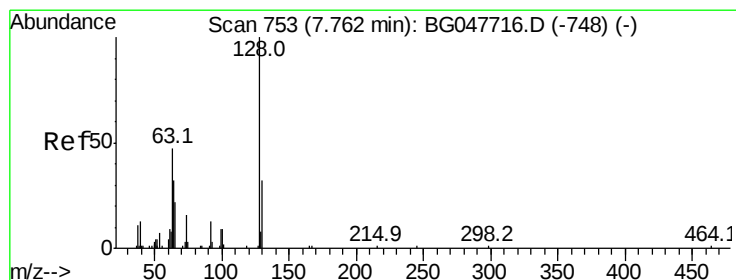
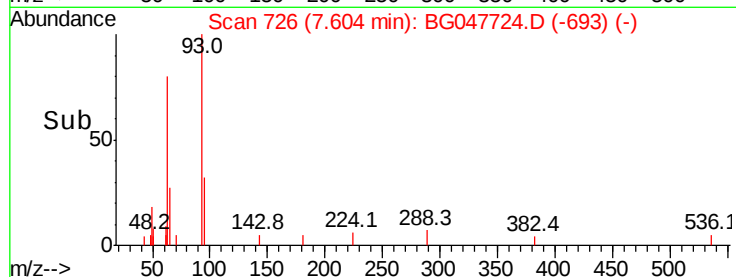
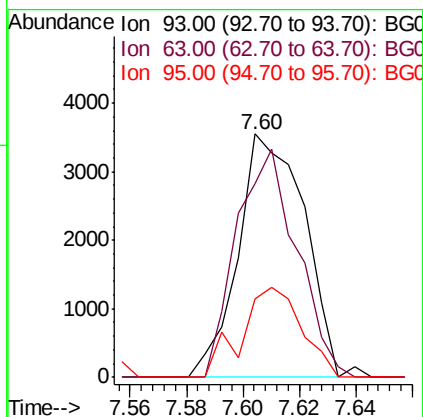
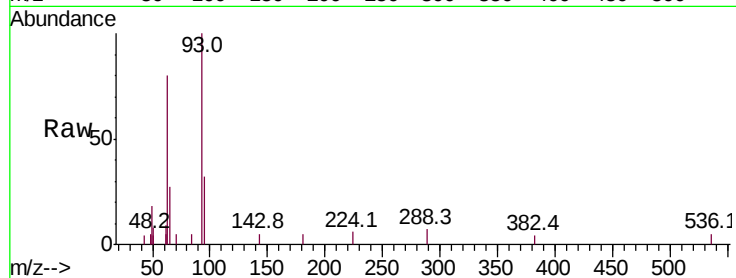




#10
Bis(2-Chloroethyl)ether
Concen: 3.129 ng/ul
RT: 7.60 min Scan# 726
Delta R.T. -0.01 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

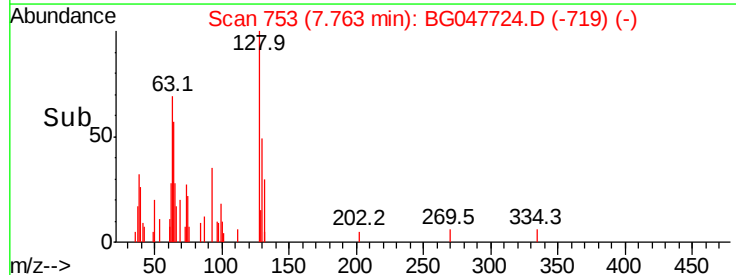
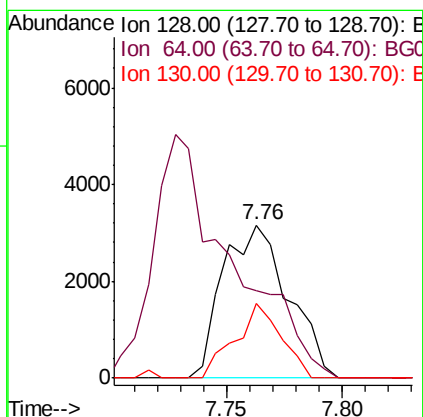
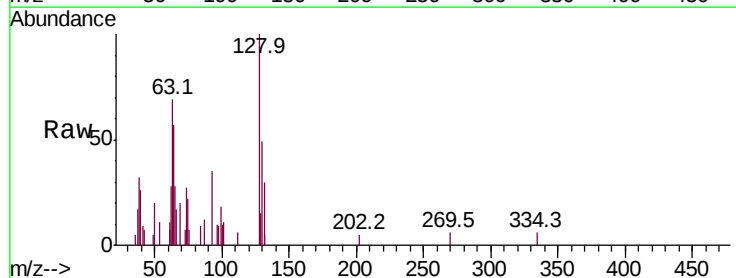
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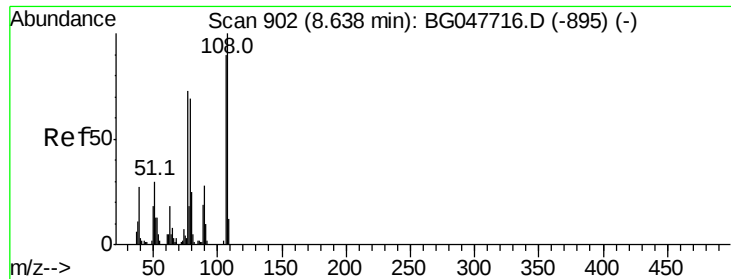
Tot Ion: 93 Resp: 5765
Ion Ratio Lower Upper
93 100
63 79.7 58.2 87.4
95 32.0 23.4 35.2



#12
2-Chlorophenol
Concen: 3.096 ng/ul
RT: 7.76 min Scan# 753
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion: 128 Resp: 6261
Ion Ratio Lower Upper
128 100
64 57.1 40.2 60.2
130 49.1 24.6 36.8#





#13

2-Methylphenol

Concen: 2.953 ng/ul

RT: 8.63 min Scan# 901

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

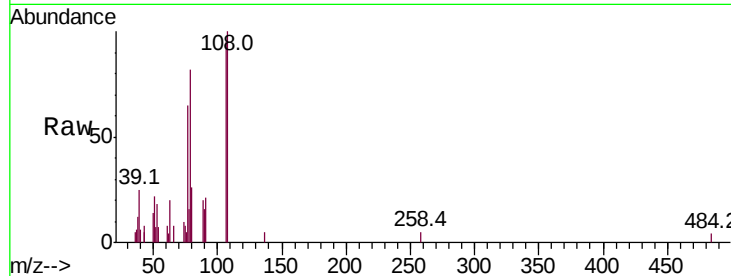
MDL-ME-SOIL-01

Tot Ion:108 Resp: 5950

Ion Ratio Lower Upper

108 100

107 95.3 83.8 125.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.63

3000

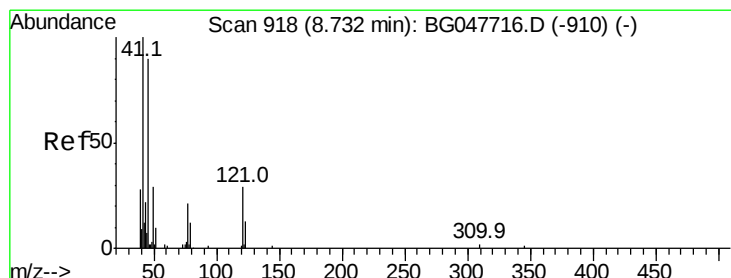
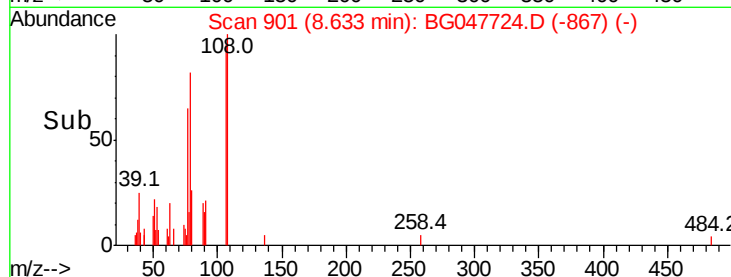
2000

1000

0

8.60 8.62 8.64 8.66 8.68

Time-->



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.262 ng/ul

RT: 8.73 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

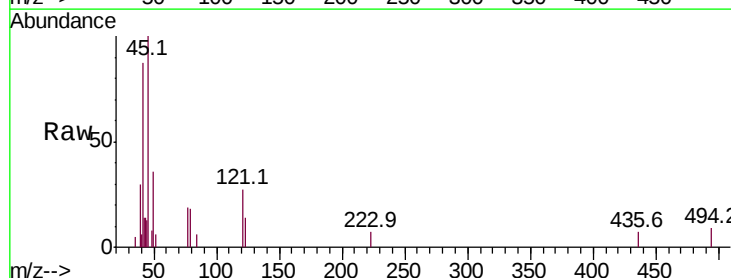
Tgt Ion: 45 Resp: 5592

Ion Ratio Lower Upper

45 100

77 18.8 18.3 27.5

79 17.6 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

8.73

4000

3000

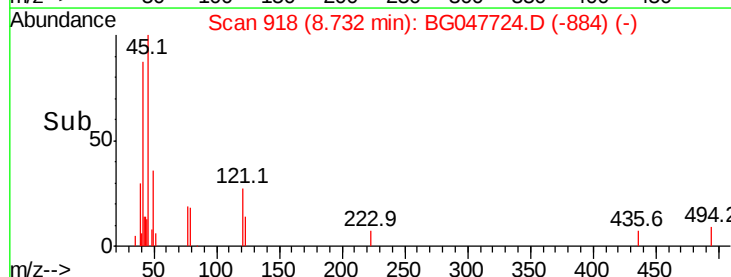
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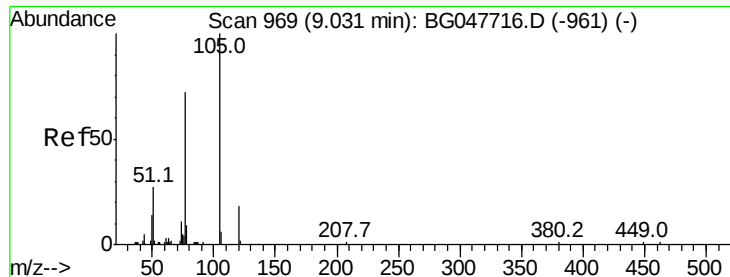
1000

0

8.70 8.75

Time-->





#16

Acetophenone

Concen: 3.431 ng/ul

RT: 9.03 min Scan# 968

Delta R.T. -0.01 min

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Acq: 11 Dec 2020 21:50

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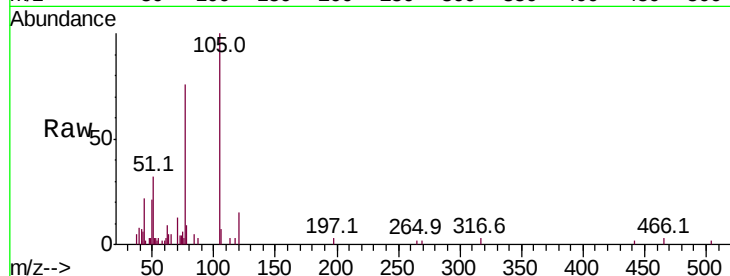
Tot Ion:105 Resp: 11813

Ion Ratio Lower Upper

105 100

77 75.7 64.5 96.7

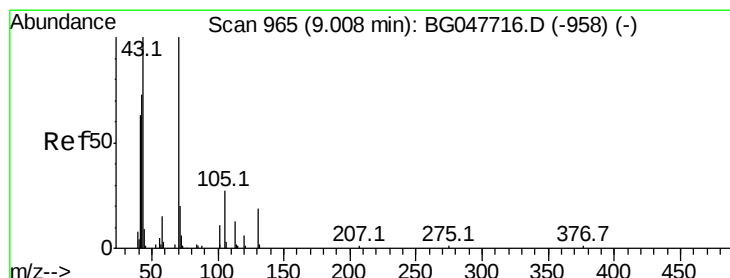
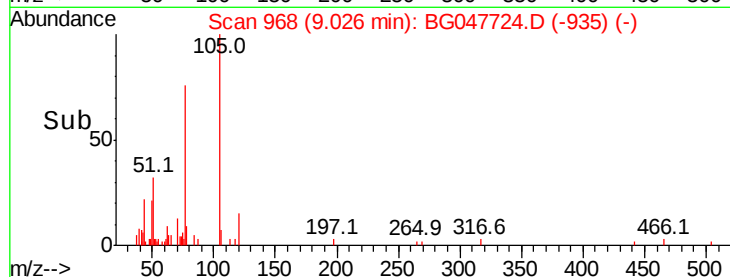
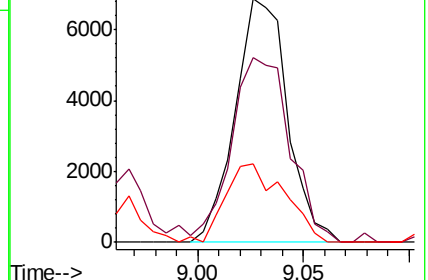
51 32.3 27.7 41.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#17

N-Nitroso-di-n-propylamine

Concen: 3.007 ng/ul

RT: 9.01 min Scan# 966

Delta R.T. 0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Tgt Ion: 70 Resp: 5685

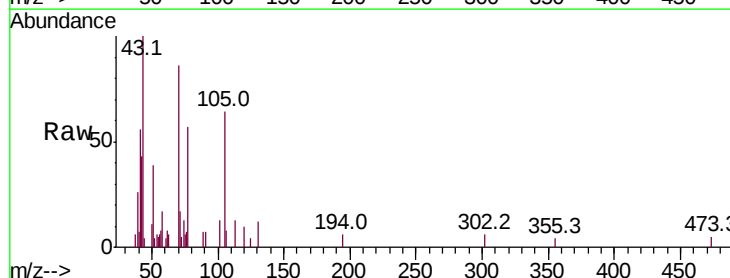
Ion Ratio Lower Upper

70 100

42 49.6 45.0 67.6

101 14.6 7.0 10.4#

130 14.1 11.8 17.8

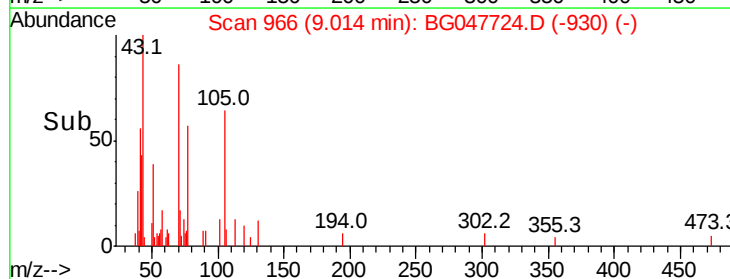
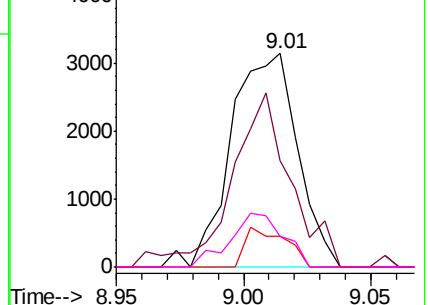


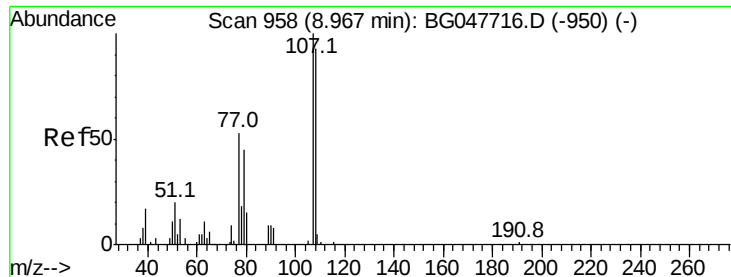
Abundance Ion 70.00 (69.70 to 70.70): BG

Ion 42.00 (41.70 to 42.70): BG

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

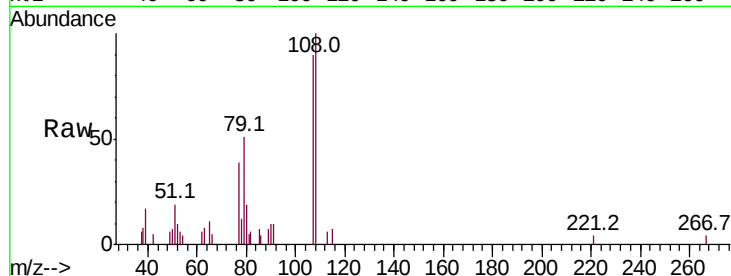




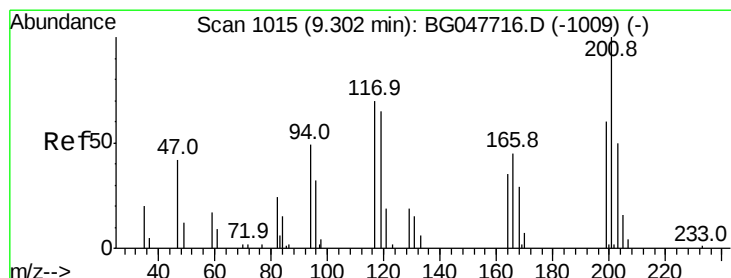
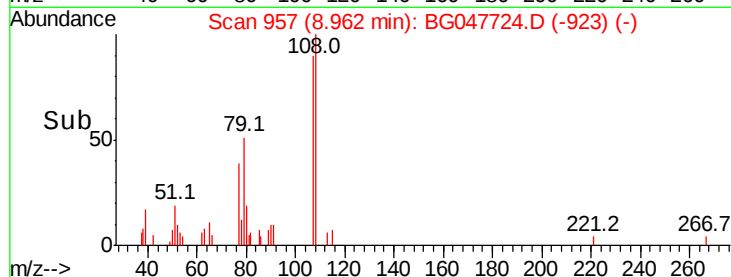
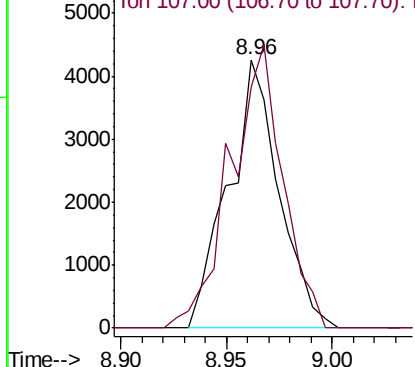
#18
4-Methylphenol
Concen: 3.199 ng/ul
RT: 8.96 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:108 Resp: 7073
Ion Ratio Lower Upper
108 100
107 89.8 87.4 131.0

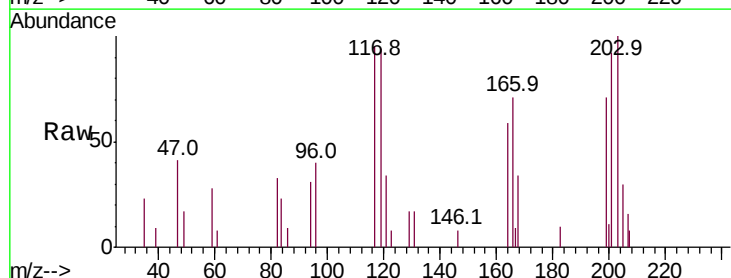


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

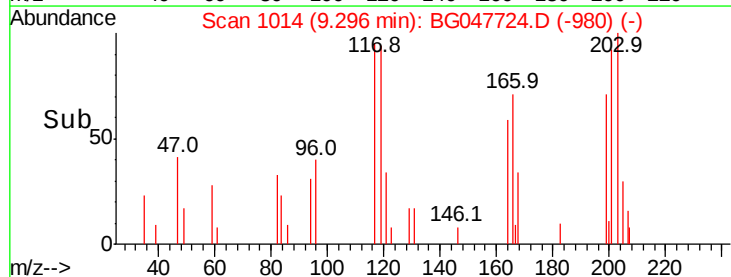
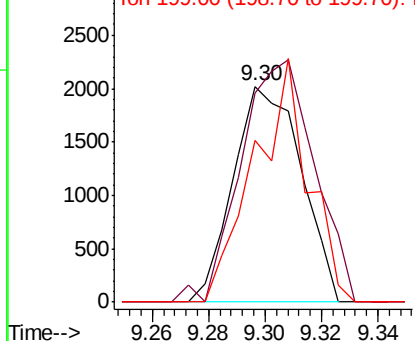


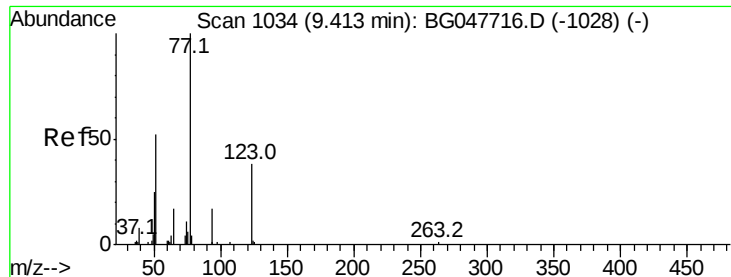
#19
Hexachloroethane
Concen: 3.402 ng/ul
RT: 9.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion:117 Resp: 3369
Ion Ratio Lower Upper
117 100
201 97.0 96.7 145.1
199 74.8 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

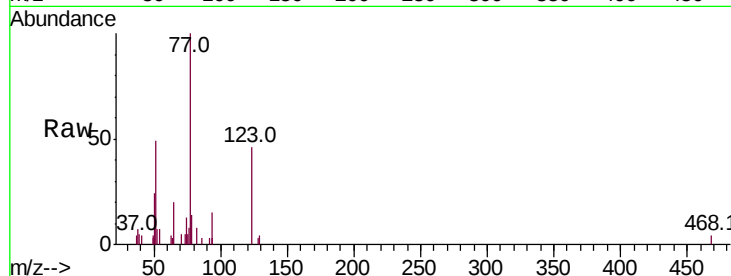




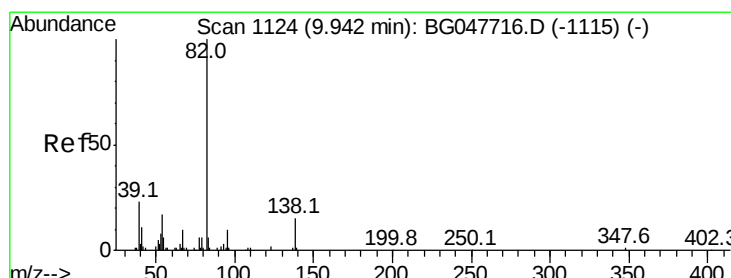
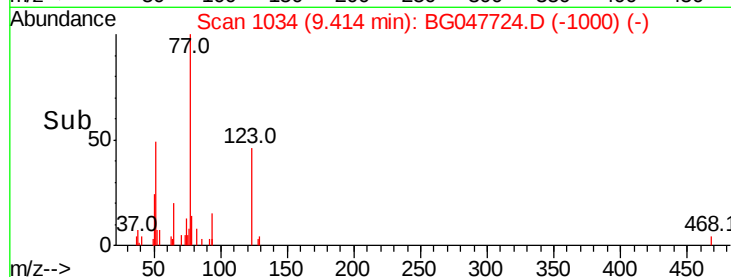
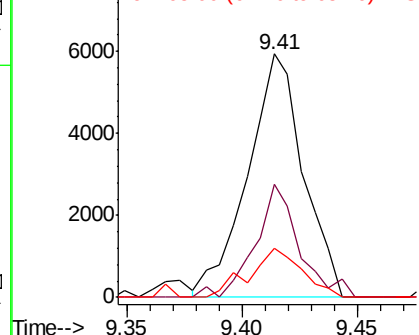
#22
Nitrobenzene
Concen: 3.287 ng/ul
RT: 9.41 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion: 77 Resp: 9969
Ion Ratio Lower Upper
77 100
123 46.3 22.5 33.7#
65 19.9 13.8 20.6

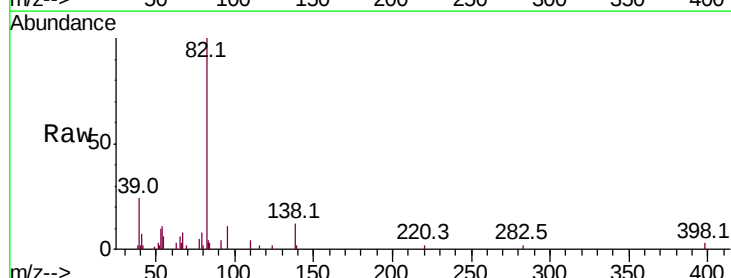


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

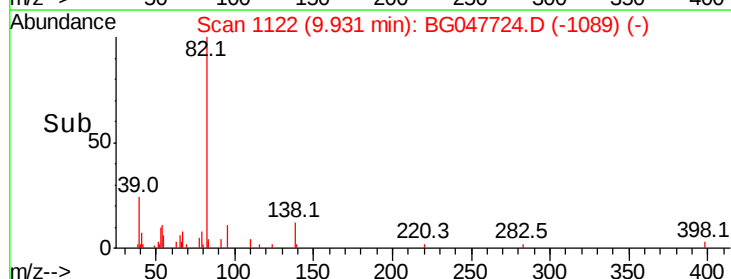
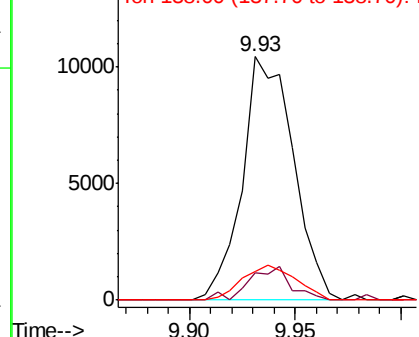


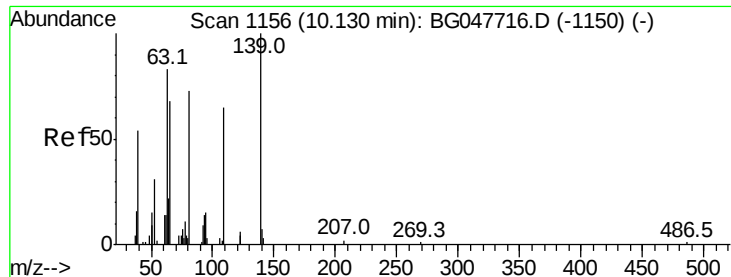
#23
Isophorone
Concen: 3.325 ng/ul
RT: 9.93 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion: 82 Resp: 17519
Ion Ratio Lower Upper
82 100
95 11.2 8.7 13.1
138 11.8 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: 3.344 ng/ul

RT: 10.13 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

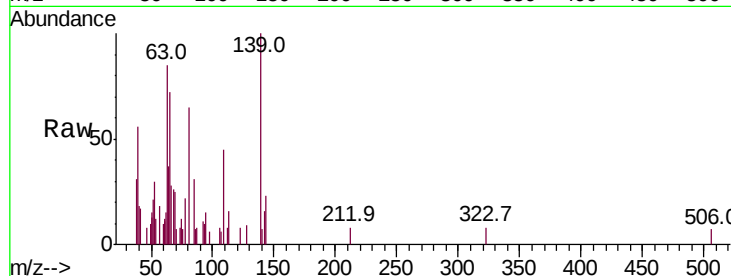
Tot Ion:139 Resp: 4052

Ion Ratio Lower Upper

139 100

65 71.6 58.7 88.1

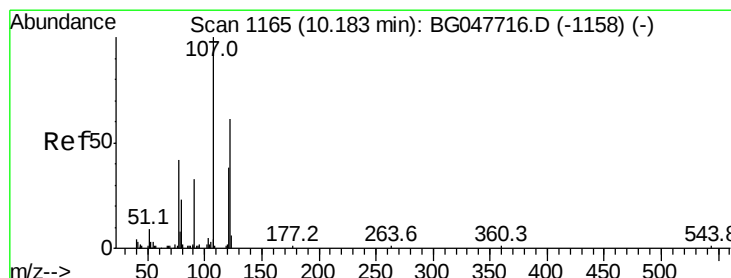
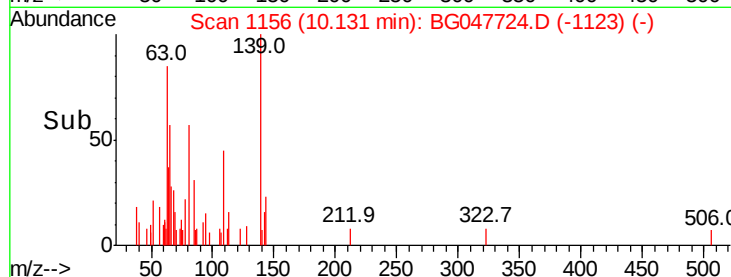
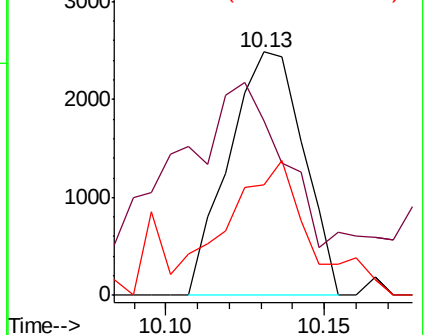
109 45.3 48.2 72.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 3.297 ng/ul

RT: 10.18 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

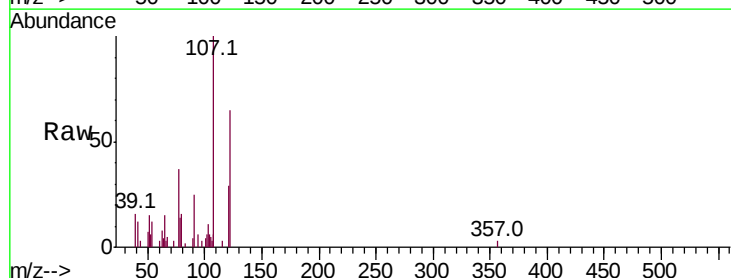
Tgt Ion:107 Resp: 9378

Ion Ratio Lower Upper

107 100

121 29.5 36.7 55.1#

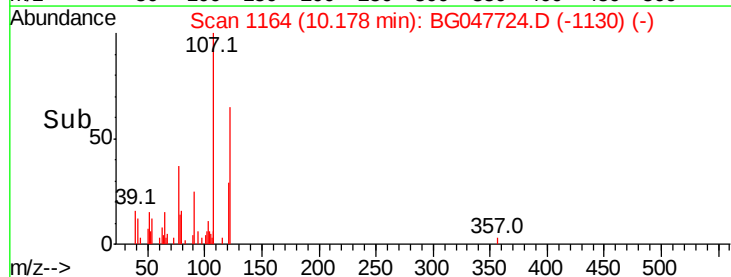
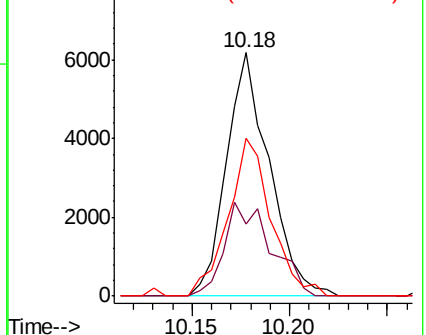
122 64.6 57.7 86.5

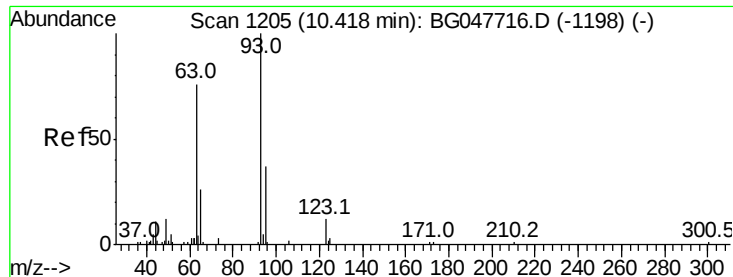


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Bis(2-Chloroethoxy)methane

Concen: 3.165 ng/ul

RT: 10.42 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

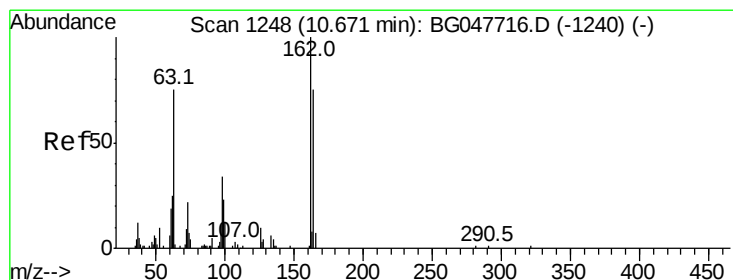
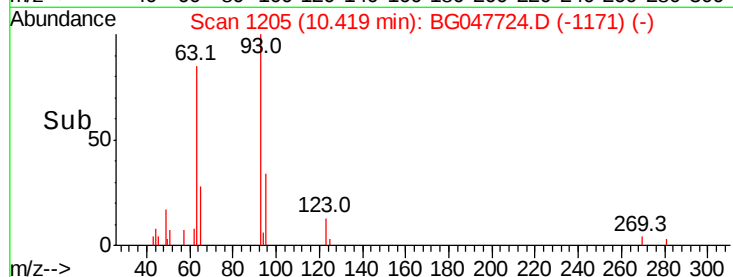
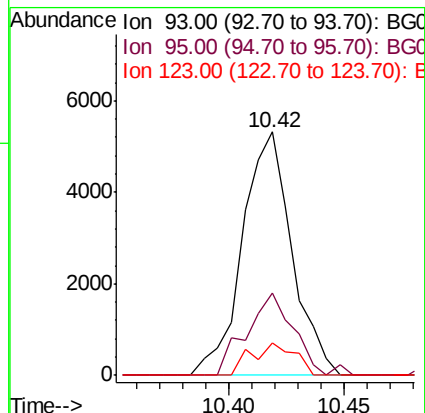
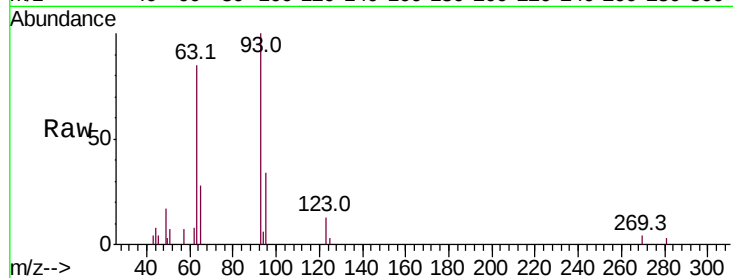
Tot Ion: 93 Resp: 7958

Ion Ratio Lower Upper

93 100

95 34.0 23.4 35.2

123 13.1 8.0 12.0#



#29

2,4-Dichlorophenol

Concen: 3.146 ng/ul

RT: 10.68 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

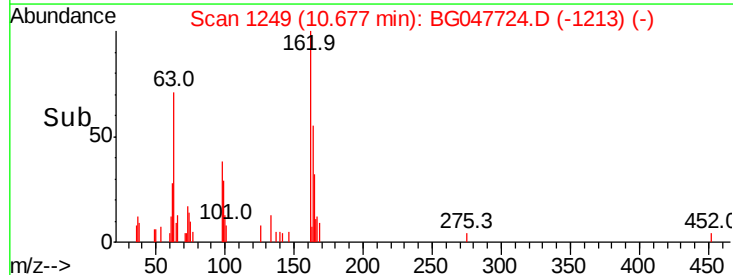
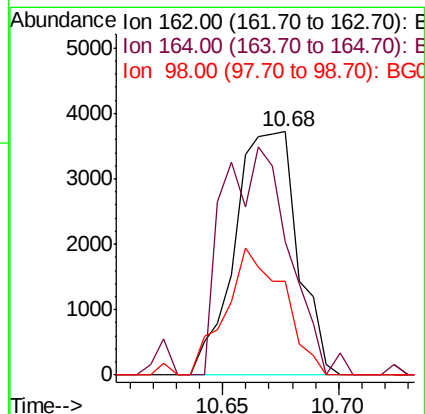
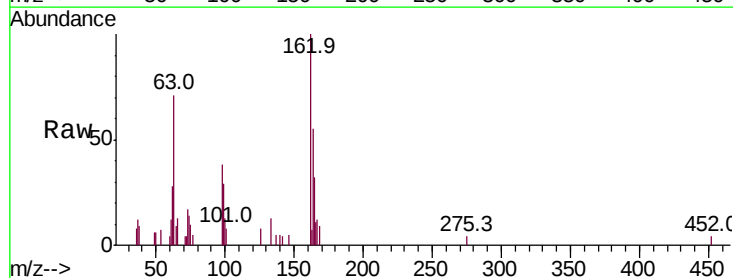
Tgt Ion: 162 Resp: 7070

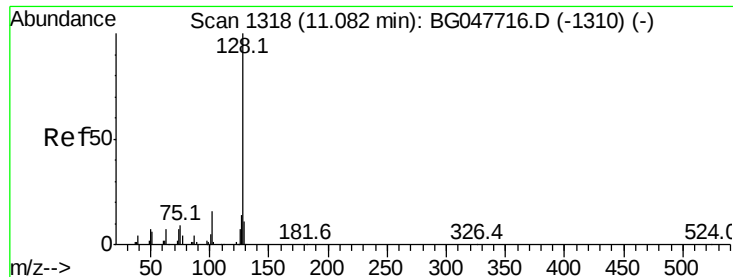
Ion Ratio Lower Upper

162 100

164 54.9 48.7 73.1

98 38.3 27.3 40.9





#30

Naphthalene

Concen: 3.330 ng/ul

RT: 11.08 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

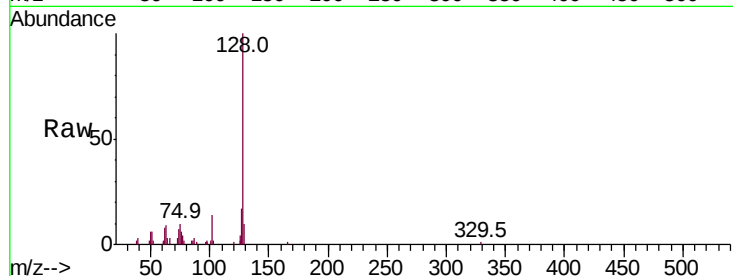
Tot Ion:128 Resp: 22273

Ion Ratio Lower Upper

128 100

129 10.3 9.3 13.9

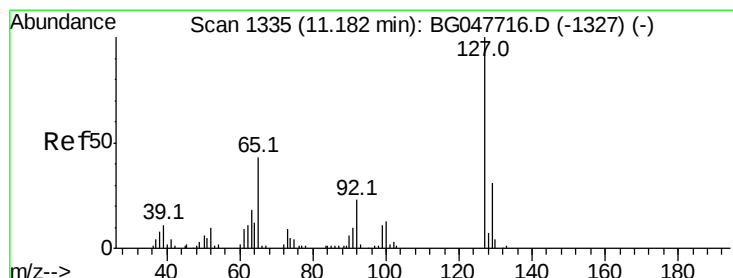
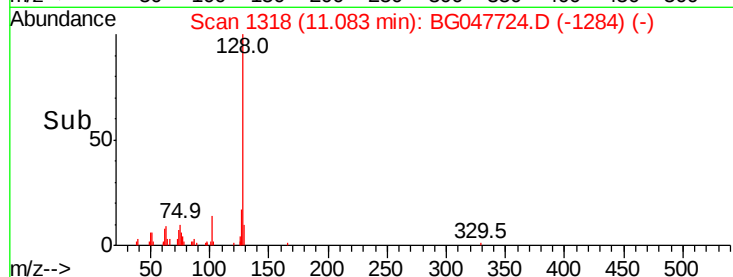
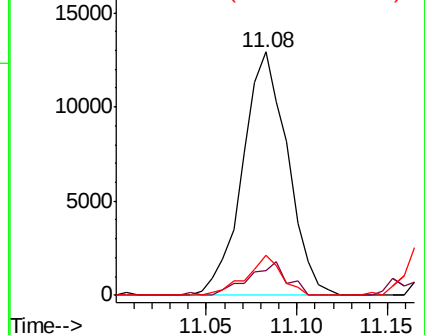
127 16.6 11.1 16.7



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: 3.195 ng/ul

RT: 11.18 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG047724.D

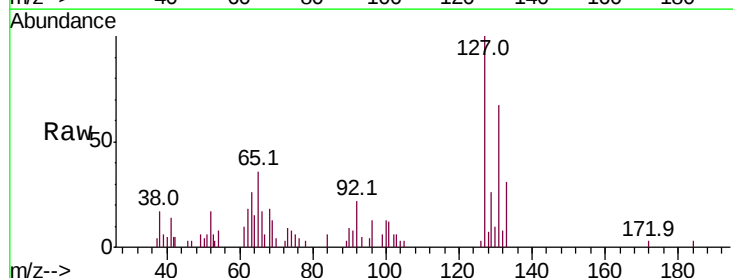
Acq: 11 Dec 2020 21:50

Tgt Ion:127 Resp: 8705

Ion Ratio Lower Upper

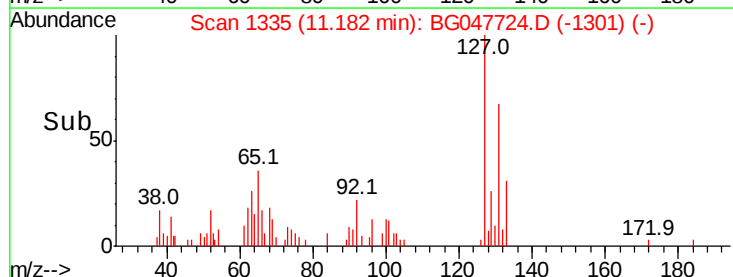
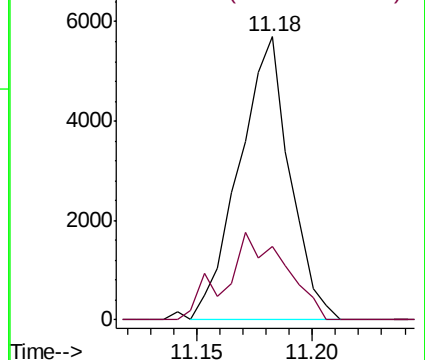
127 100

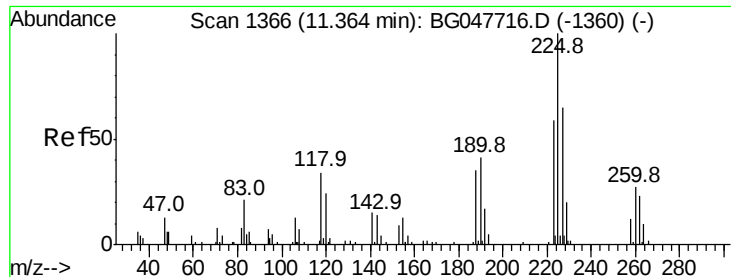
129 25.8 24.6 37.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#33

Hexachlorobutadiene

Concen: 3.199 ng/ul

RT: 11.36 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

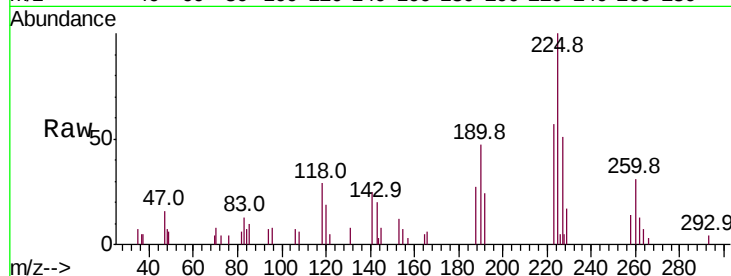
Tot Ion:225 Resp: 7720

Ion Ratio Lower Upper

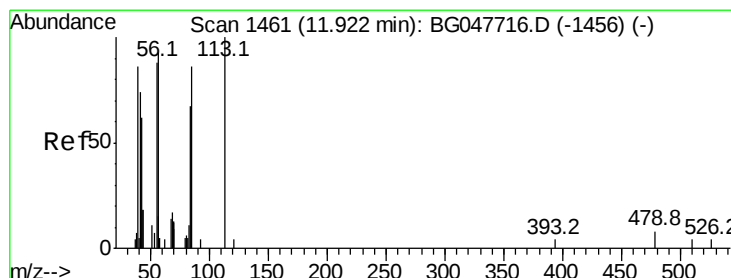
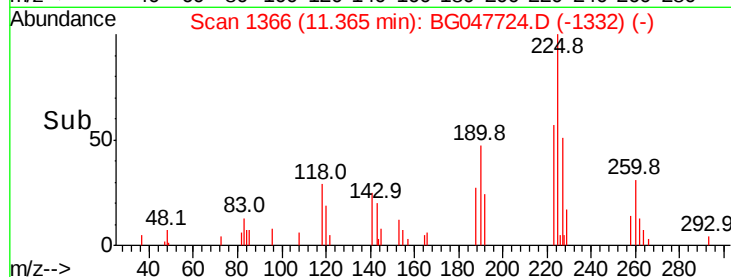
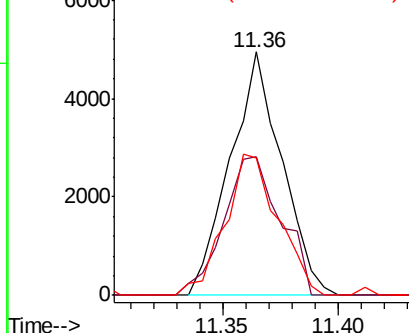
225 100

223 56.9 57.4 86.0#

227 56.6 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: 1.954 ng/ul

RT: 11.95 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

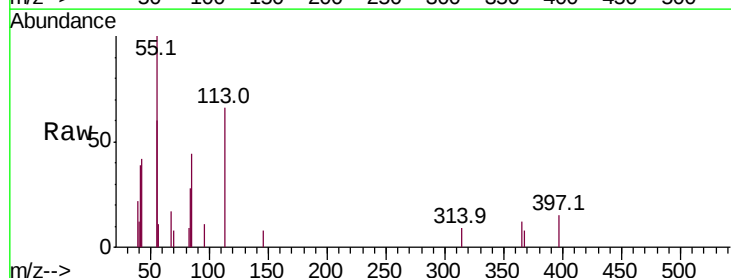
Tgt Ion:113 Resp: 1487

Ion Ratio Lower Upper

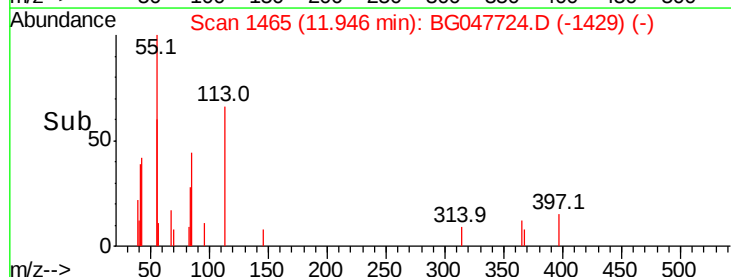
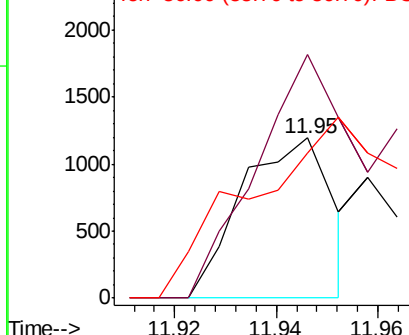
113 100

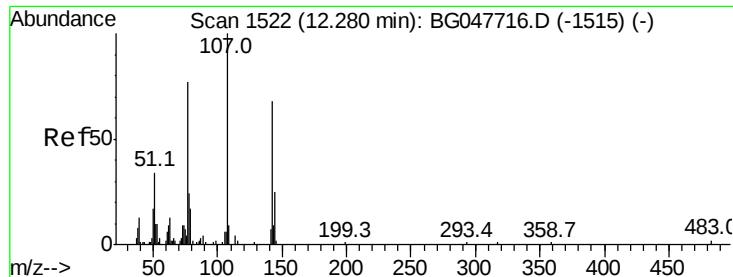
55 152.0 65.1 97.7#

56 90.8 63.1 94.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG





#35

4-Chloro-3-methylphenol

Concen: 2.757 ng/ul

RT: 12.28 min Scan# 1522

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

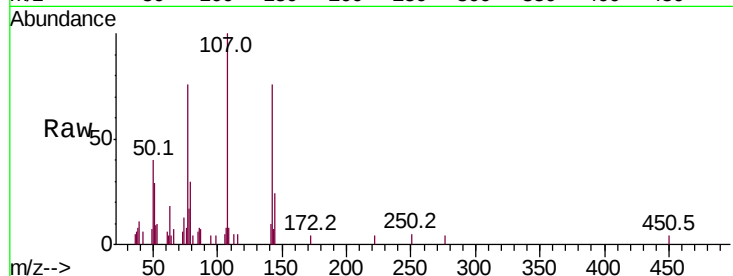
Tot Ion:107 Resp: 6829

Ion Ratio Lower Upper

107 100

144 24.4 14.6 22.0#

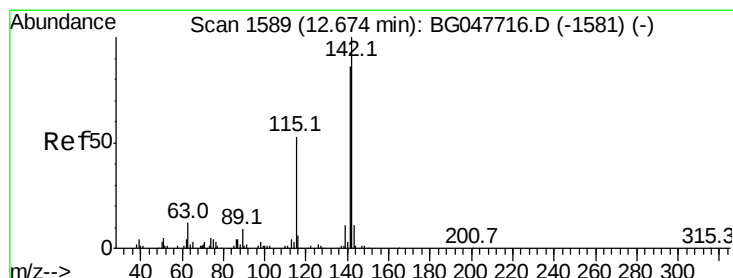
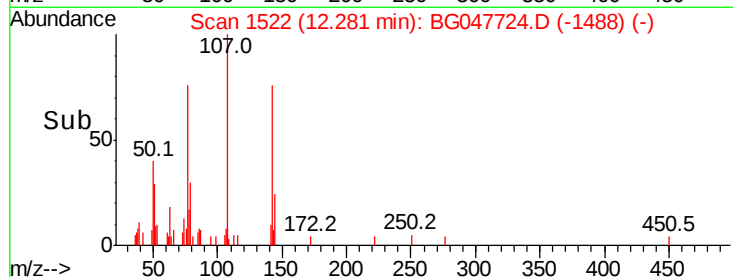
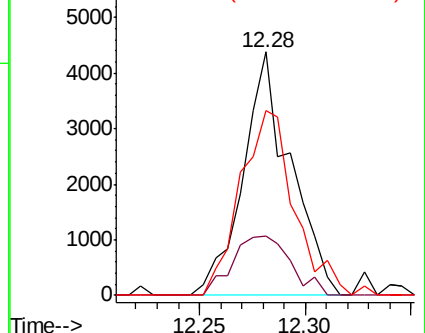
142 75.8 47.7 71.5#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#36

2-Methylnaphthalene

Concen: 3.297 ng/ul

RT: 12.67 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BG047724.D

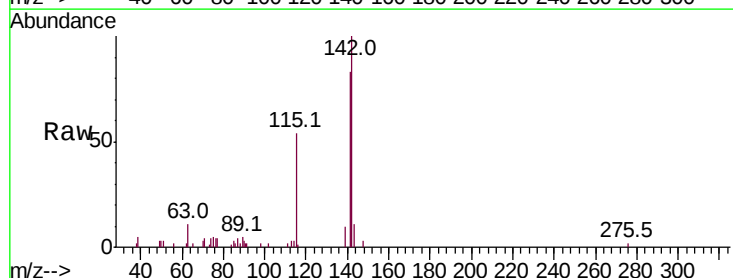
Acq: 11 Dec 2020 21:50

Tgt Ion:142 Resp: 16639

Ion Ratio Lower Upper

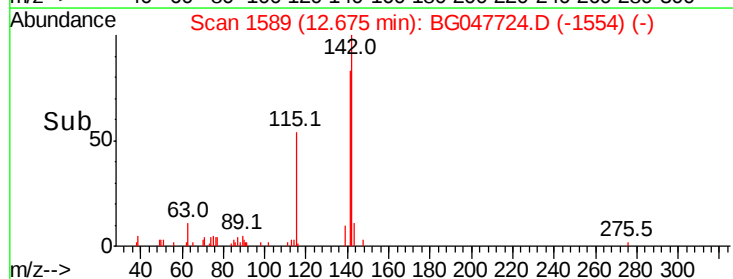
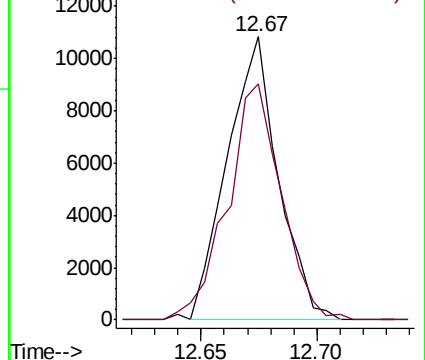
142 100

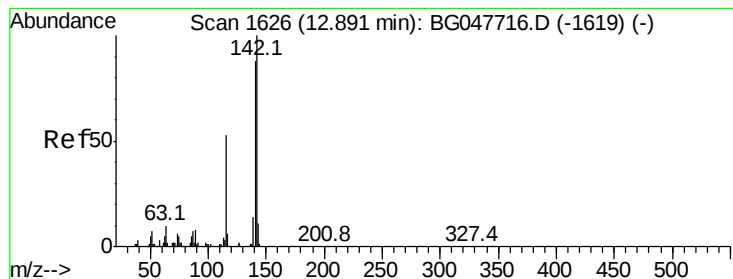
141 83.2 67.0 100.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#37

1-Methylnaphthalene

Concen: 3.336 ng/ul

RT: 12.89 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

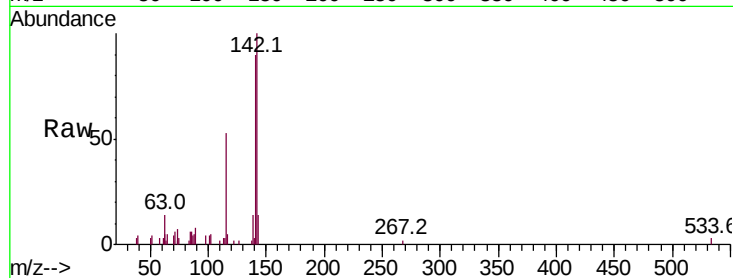
Tot Ion:142 Resp: 16088

Ion Ratio Lower Upper

142 100

141 90.3 74.6 112.0

116 4.6 4.4 6.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12000

10000

8000

6000

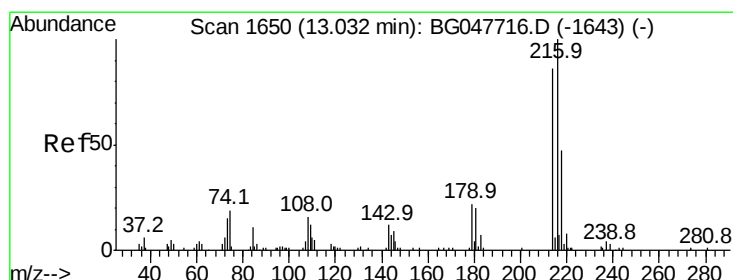
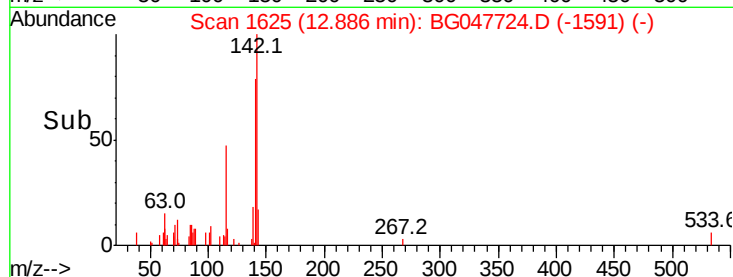
4000

2000

0

12.85 12.90 12.95

Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.245 ng/ul

RT: 13.03 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Tgt Ion:216 Resp: 12455

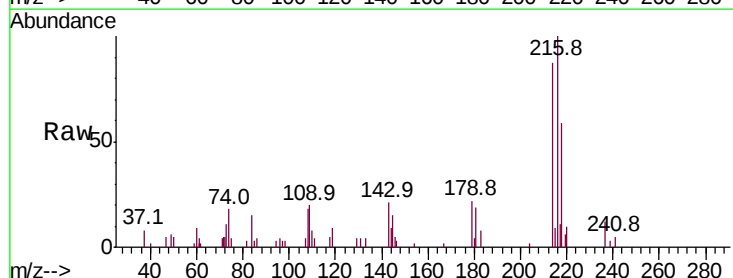
Ion Ratio Lower Upper

216 100

214 87.0 69.7 104.5

179 21.7 15.2 22.8

108 17.7 13.8 20.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

10000

8000

6000

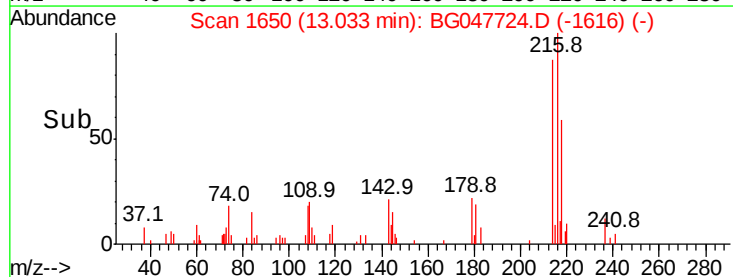
4000

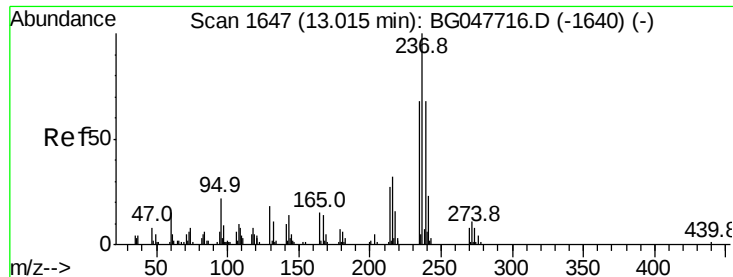
2000

0

13.00 13.05

Time-->

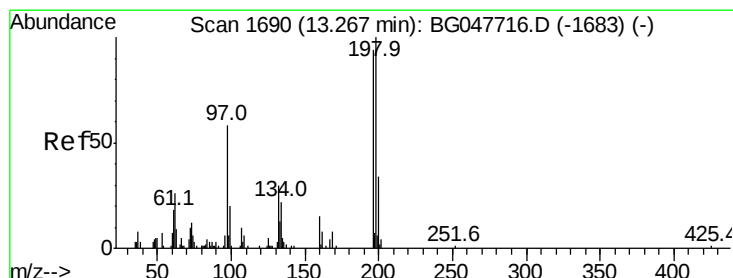
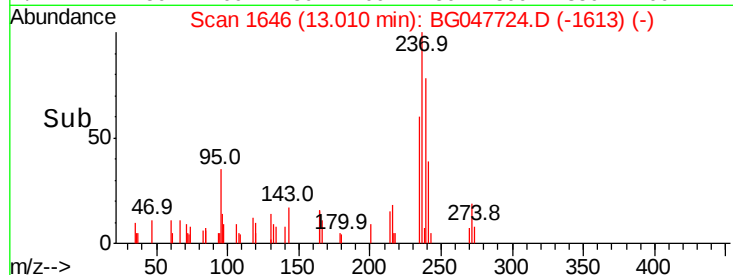
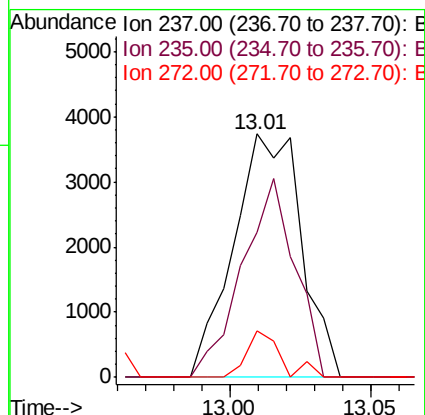
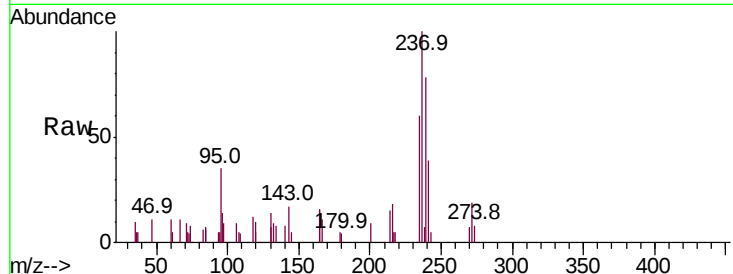




#40
Hexachlorocyclopentadiene
Concen: 2.477 ng/ul
RT: 13.01 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

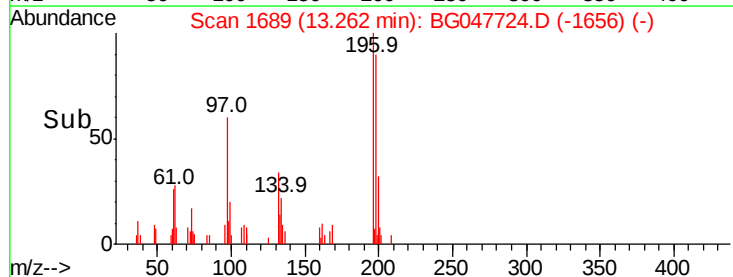
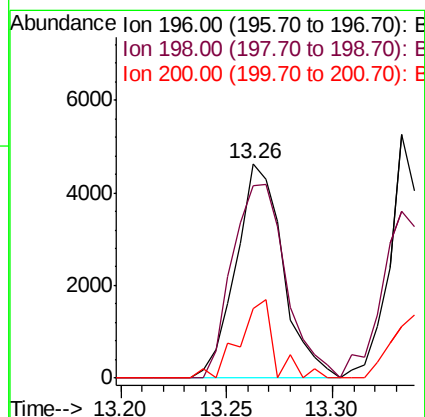
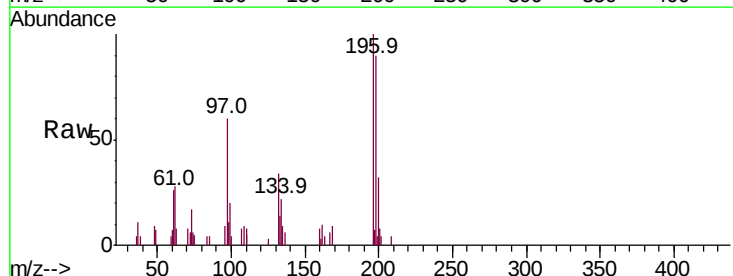
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

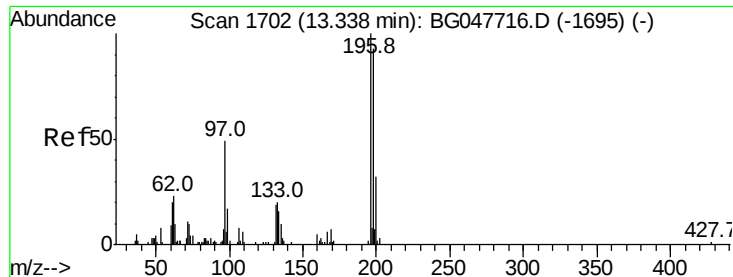
Tot Ion:237 Resp: 6233
Ion Ratio Lower Upper
237 100
235 59.6 49.4 74.0
272 19.1 8.4 12.6#



#41
2,4,6-Trichlorophenol
Concen: 3.107 ng/ul
RT: 13.26 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion:196 Resp: 7152
Ion Ratio Lower Upper
196 100
198 89.6 77.6 116.4
200 40.4 27.0 40.6





#42

2,4,5-Trichlorophenol

Concen: 2.865 ng/ul

RT: 13.33 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

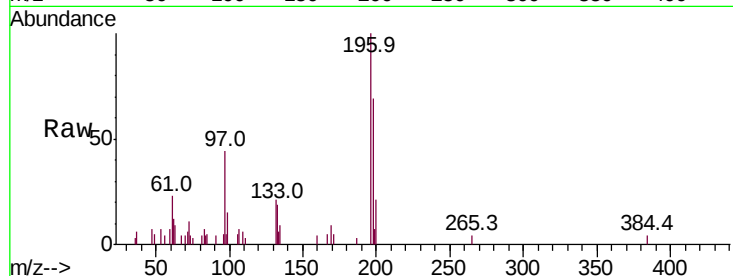
Tot Ion:196 Resp: 6984

Ion Ratio Lower Upper

196 100

198 75.5 76.5 114.7#

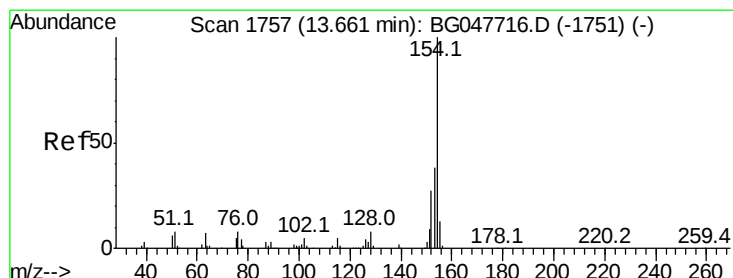
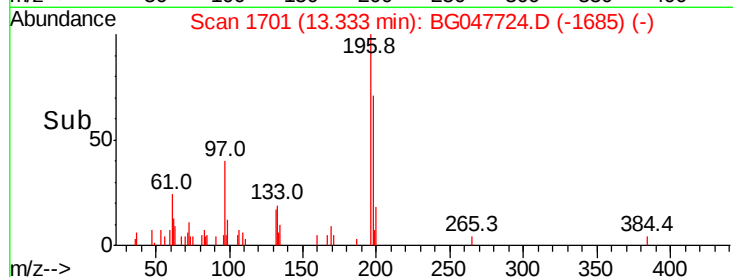
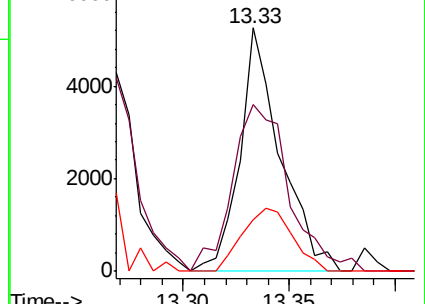
200 21.3 23.4 35.0#



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: 3.282 ng/ul

RT: 13.67 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

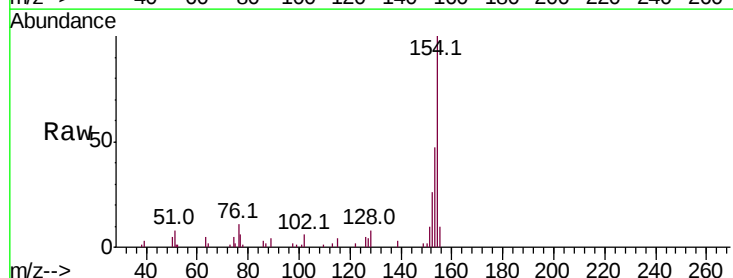
Tgt Ion:154 Resp: 23628

Ion Ratio Lower Upper

154 100

153 46.7 33.8 50.6

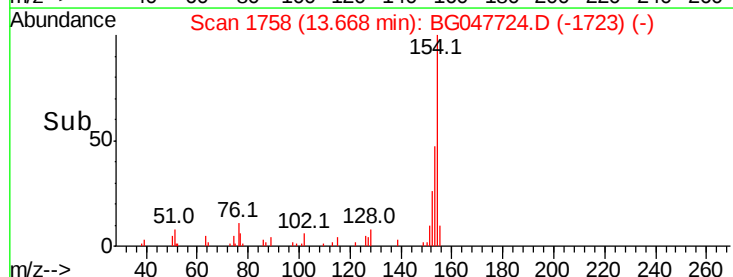
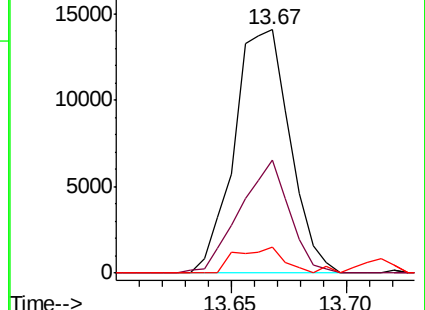
76 10.9 7.5 11.3

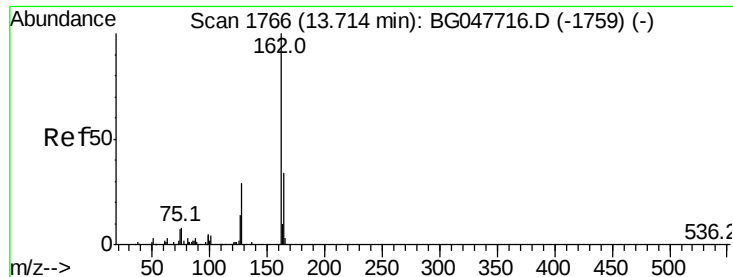


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

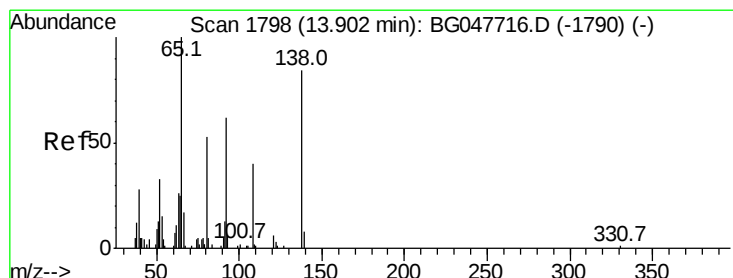
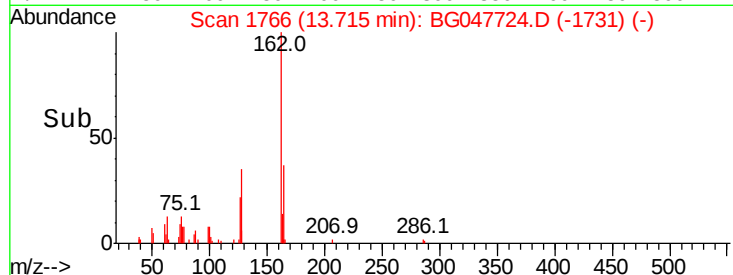
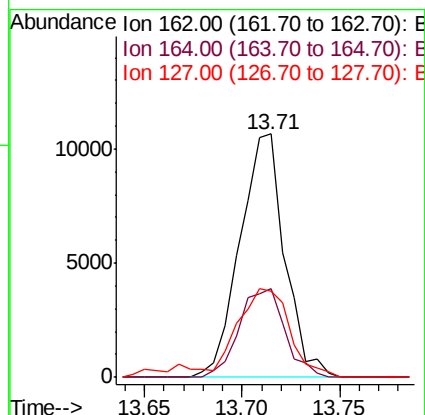
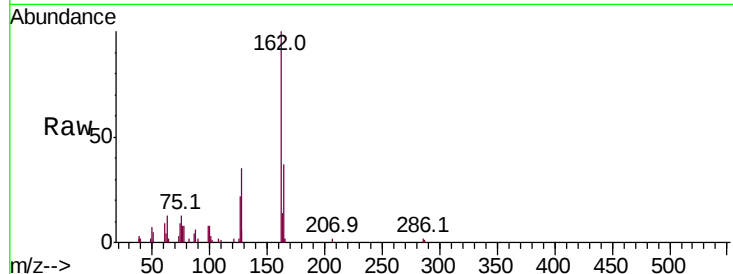




#44
2-Chloronaphthalene
Concen: 2.986 ng/ul
RT: 13.71 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

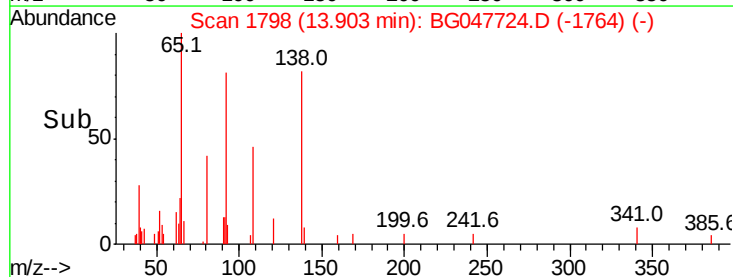
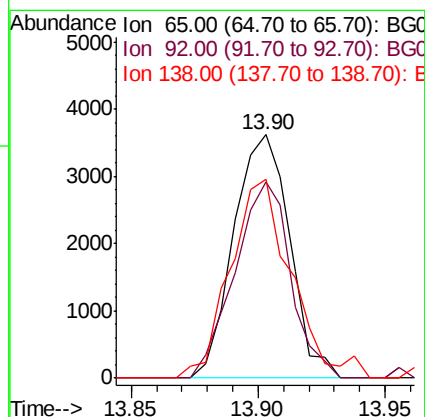
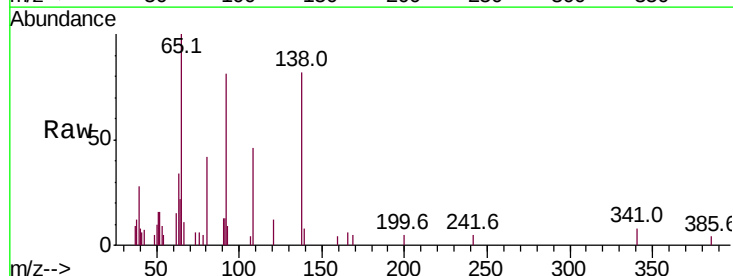
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

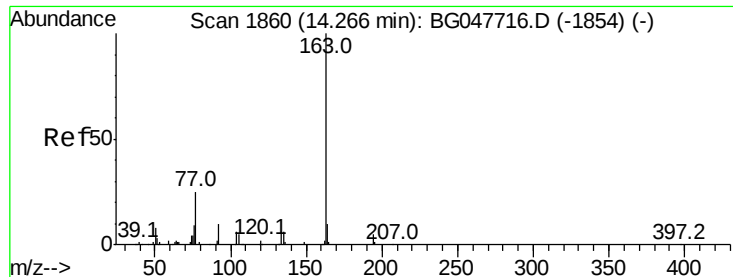
Tot Ion	Ratio	Lower	Upper
162	100		
164	39.0	27.8	41.6
127	35.3	30.8	46.2



#45
2-Nitroaniline
Concen: 2.856 ng/ul
RT: 13.90 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	80.5	45.8	68.6#
138	81.5	71.1	106.7

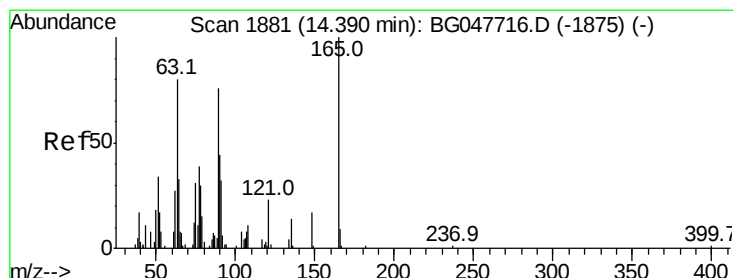
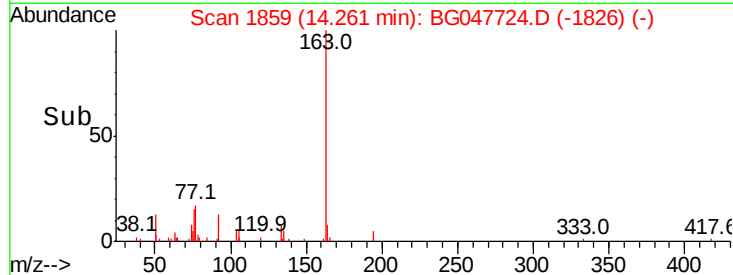
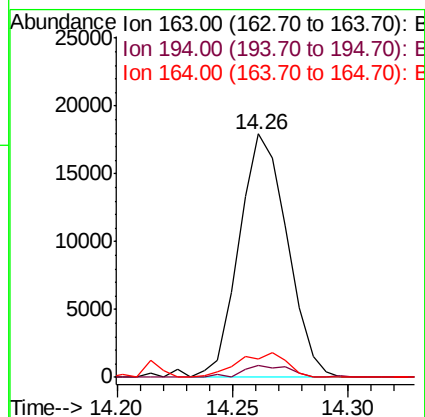
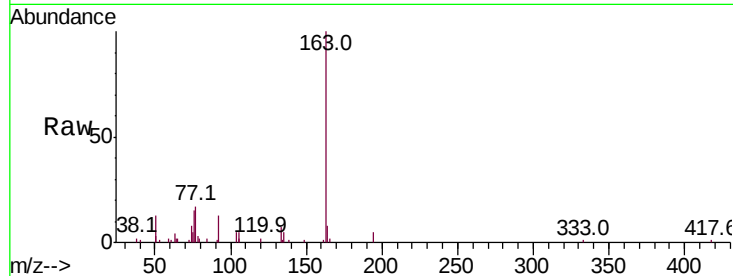




#47
Dimethylphthalate
Concen: 3.299 ng/ul
RT: 14.26 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

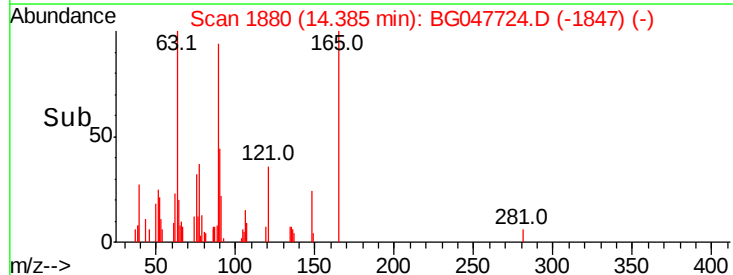
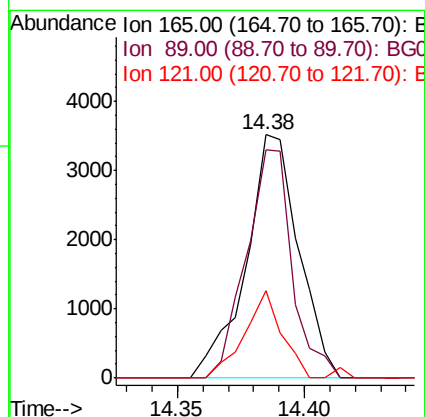
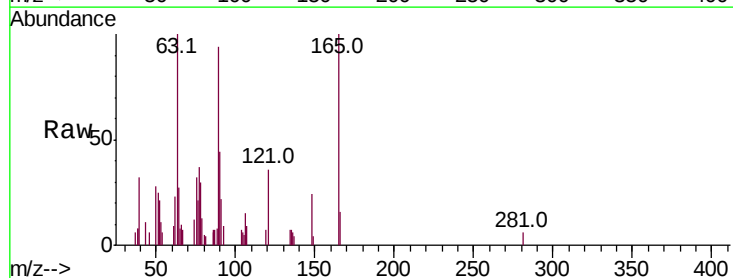
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

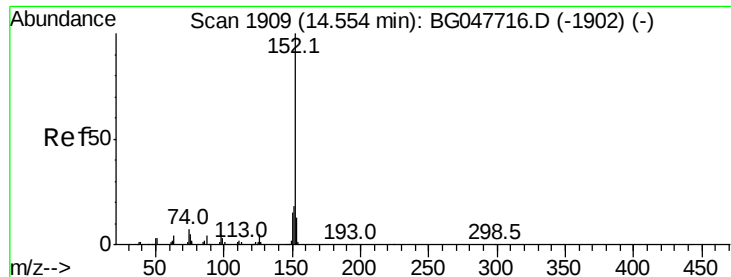
Tot Ion:163 Resp: 25997
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 7.7 8.1 12.1#



#48
2,6-Dinitrotoluene
Concen: 3.063 ng/ul
RT: 14.38 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion:165 Resp: 5100
Ion Ratio Lower Upper
165 100
89 93.7 60.7 91.1#
121 35.9 18.1 27.1#





#50

Acenaphthylene

Concen: 3.254 ng/ul

RT: 14.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

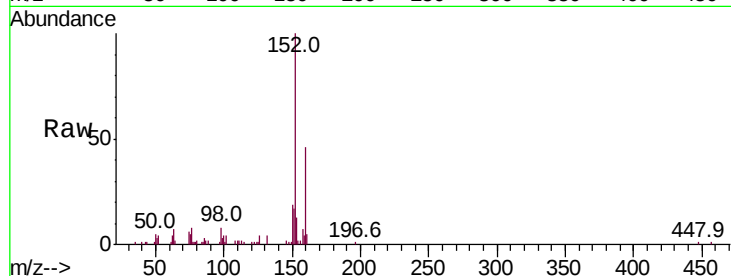
Tot Ion:152 Resp: 26967

Ion Ratio Lower Upper

152 100

151 17.1 15.3 22.9

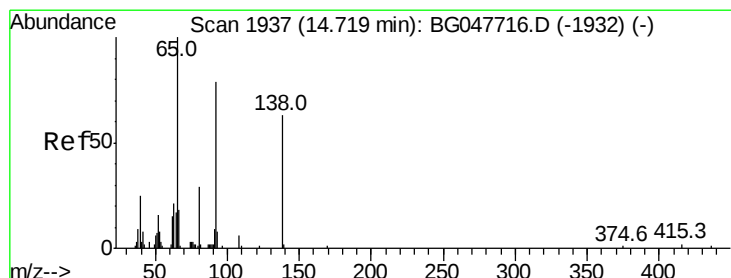
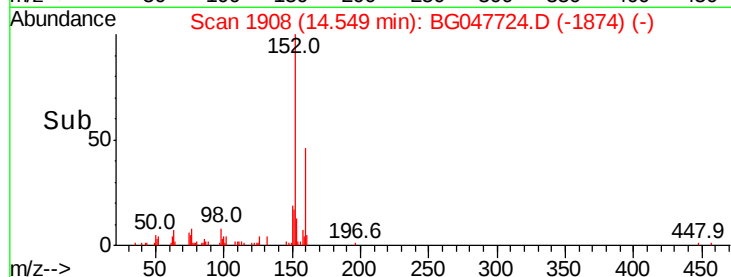
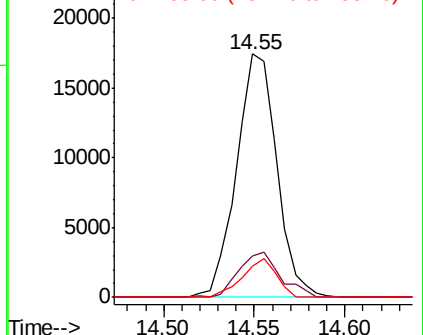
153 12.8 11.7 17.5



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: 3.511 ng/ul

RT: 14.72 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

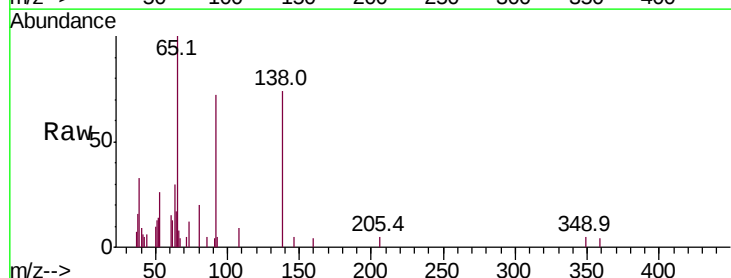
Tgt Ion:138 Resp: 4198

Ion Ratio Lower Upper

138 100

108 11.6 11.9 17.9#

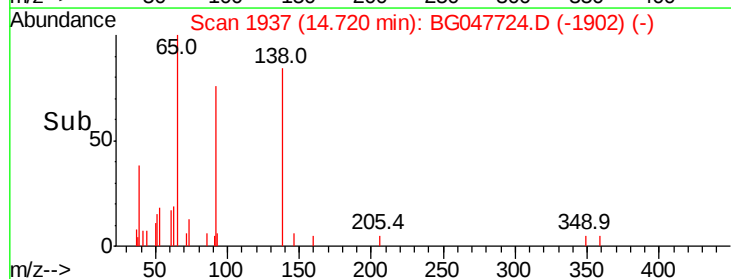
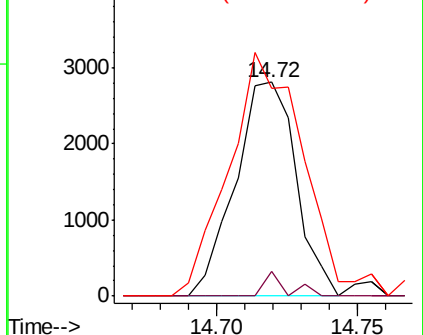
92 97.4 97.7 146.5#

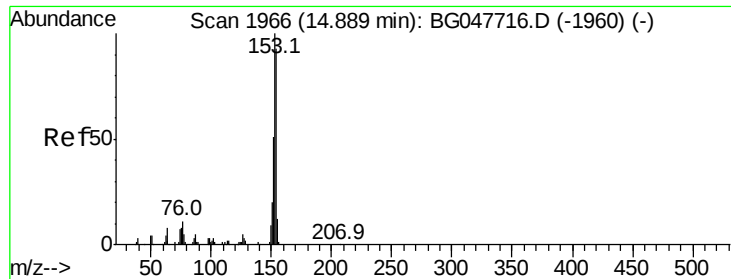


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#52

Acenaphthene

Concen: 3.181 ng/ul

RT: 14.89 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

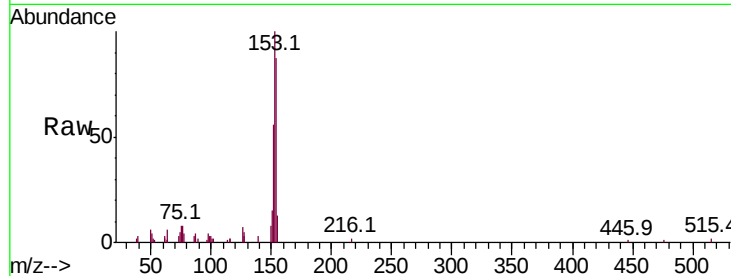
Tot Ion:153 Resp: 18737

Ion Ratio Lower Upper

153 100

152 56.4 34.8 52.2#

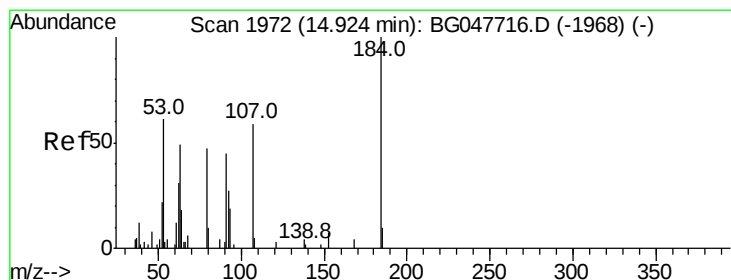
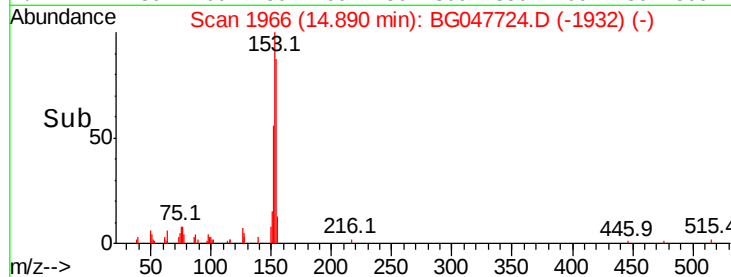
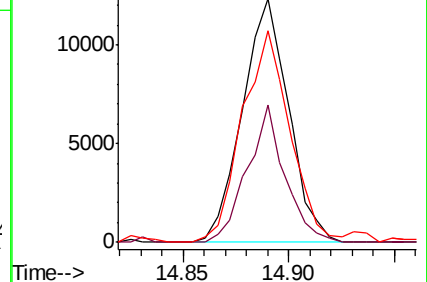
154 86.7 71.2 106.8



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: 1.175 ng/ul

RT: 14.93 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

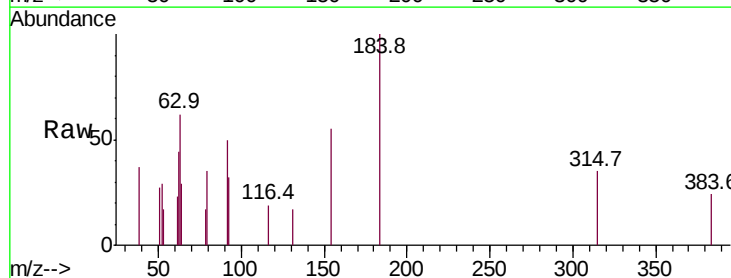
Tgt Ion:184 Resp: 1161

Ion Ratio Lower Upper

184 100

63 61.7 46.5 69.7

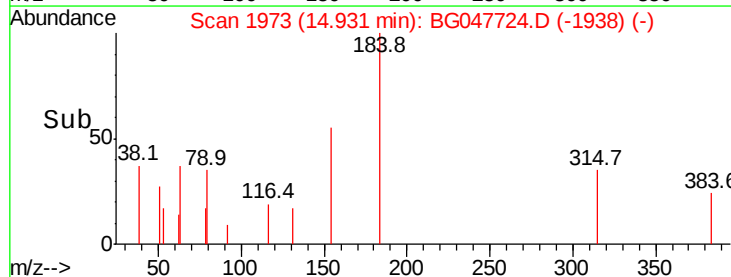
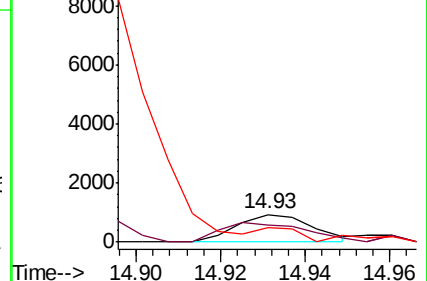
154 54.6 58.4 87.6#

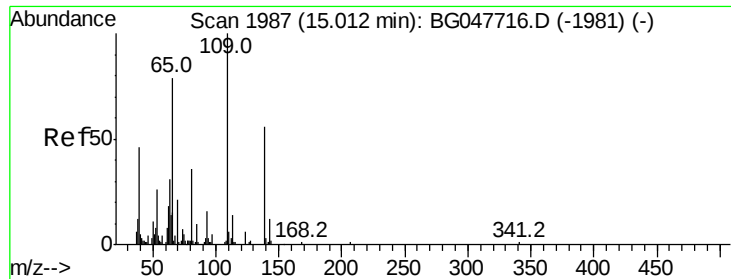


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

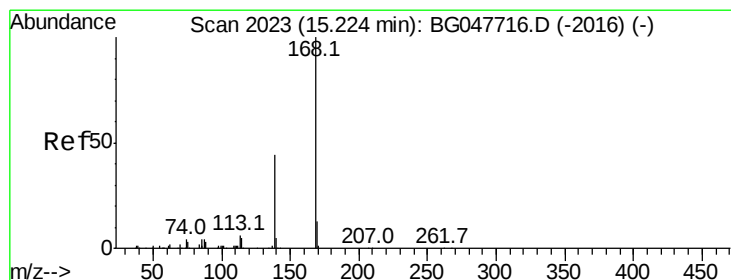
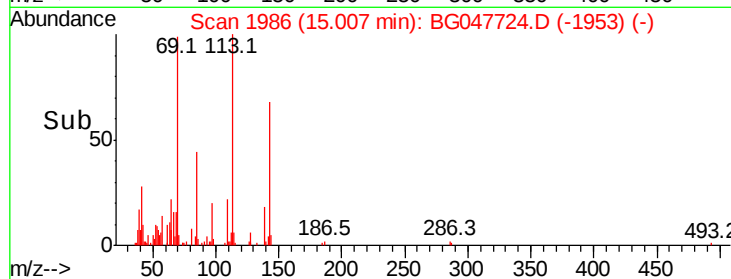
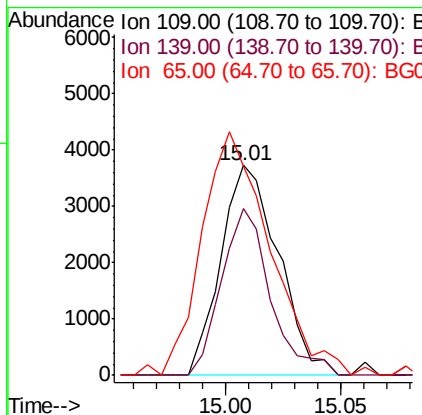
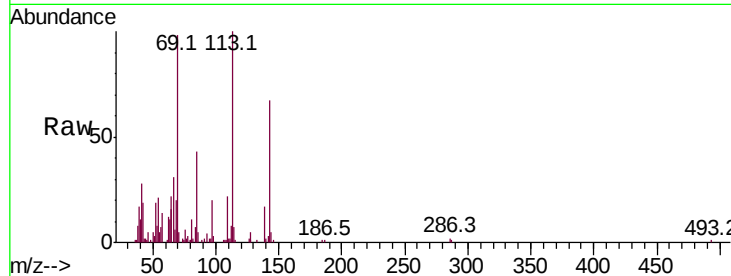




#55
4-Nitrophenol
Concen: 3.248 ng/ul
RT: 15.01 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

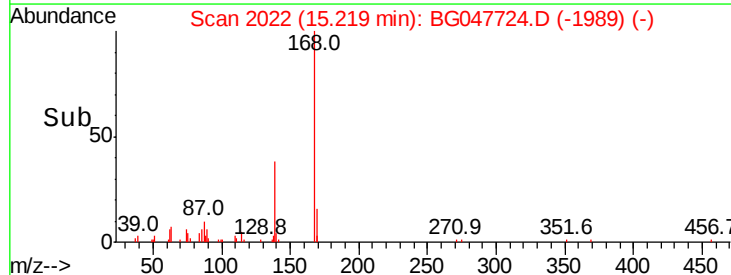
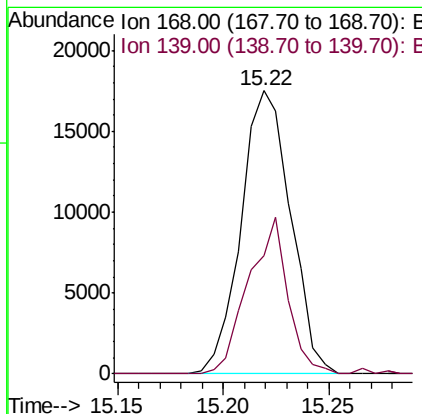
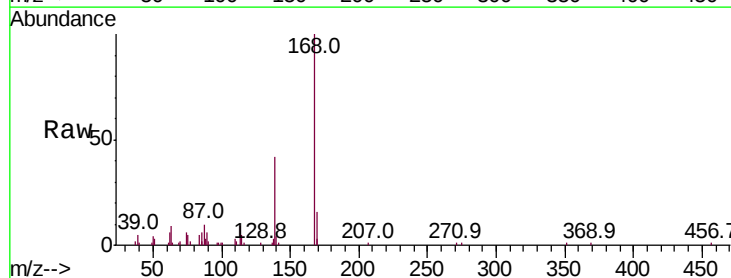
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

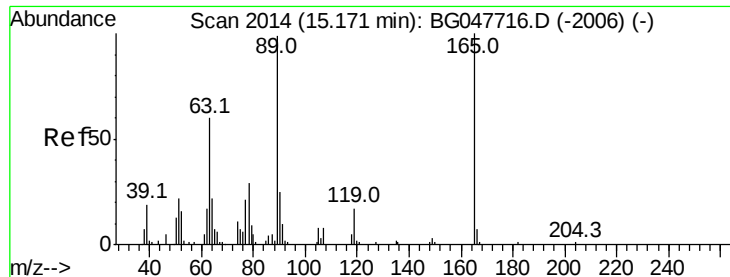
Tot Ion:109 Resp: 6453
Ion Ratio Lower Upper
109 100
139 79.6 47.0 70.6#
65 99.8 74.7 112.1



#56
Dibenzofuran
Concen: 3.338 ng/ul
RT: 15.22 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion:168 Resp: 28482
Ion Ratio Lower Upper
168 100
139 41.9 34.0 51.0





#57

2,4-Dinitrotoluene

Concen: 3.270 ng/ul

RT: 15.17 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

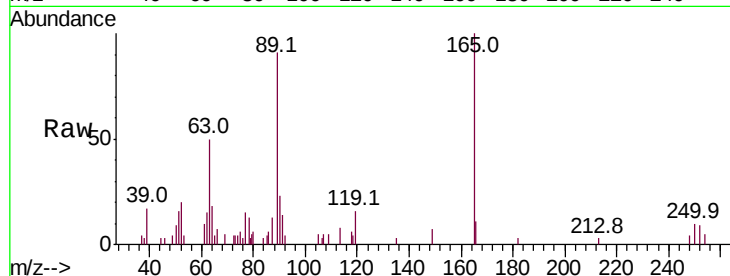
Tot Ion:165 Resp: 7805

Ion Ratio Lower Upper

165 100

63 49.9 54.6 81.8#

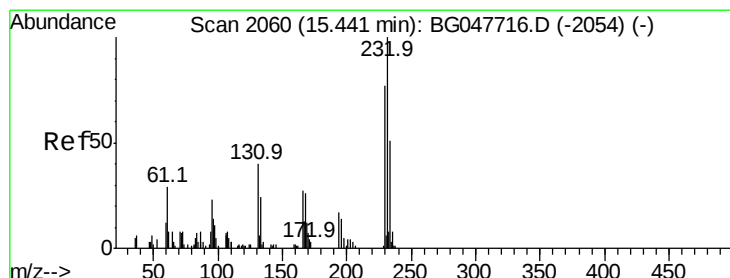
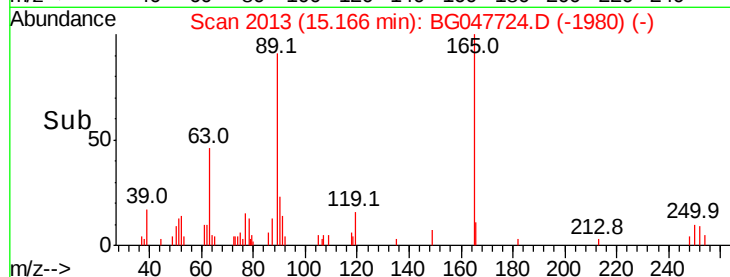
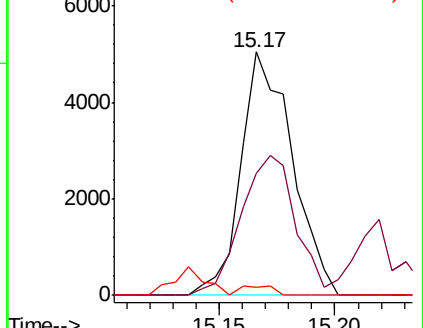
182 3.4 2.6 3.8



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: 2.776 ng/ul

RT: 15.44 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Tgt Ion:232 Resp: 6267

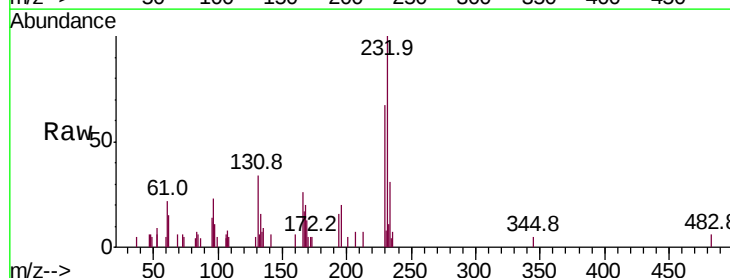
Ion Ratio Lower Upper

232 100

131 33.5 31.9 47.9

130 4.6 3.0 4.6#

166 26.1 17.5 26.3

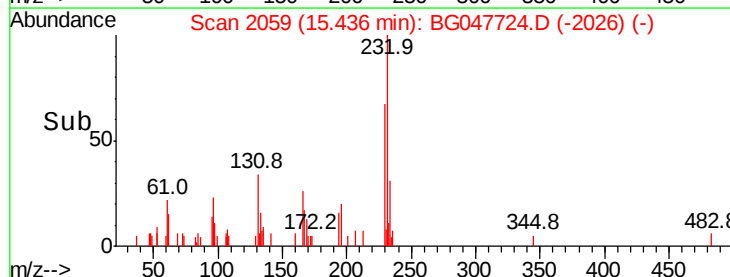
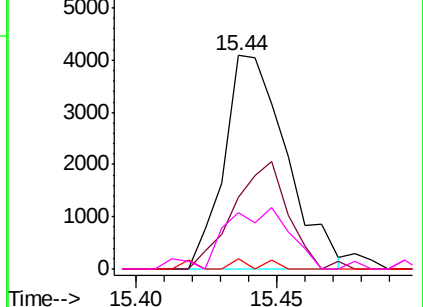


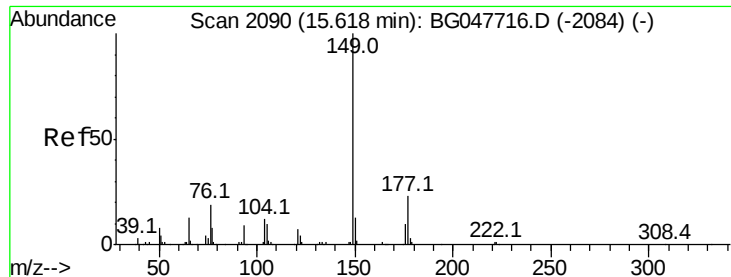
Abundance Ion 232.00 (231.70 to 232.70): E

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

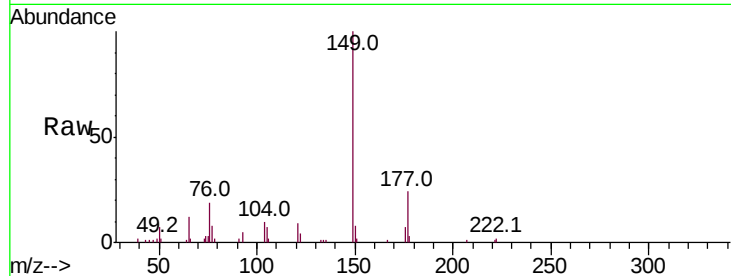




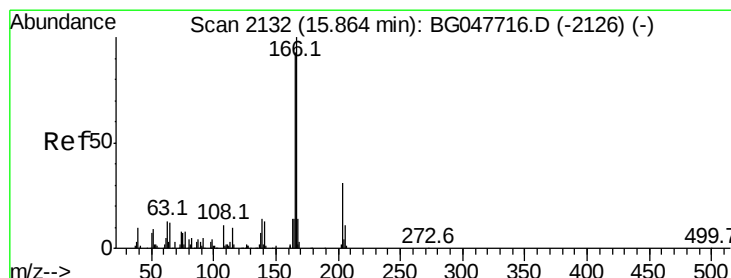
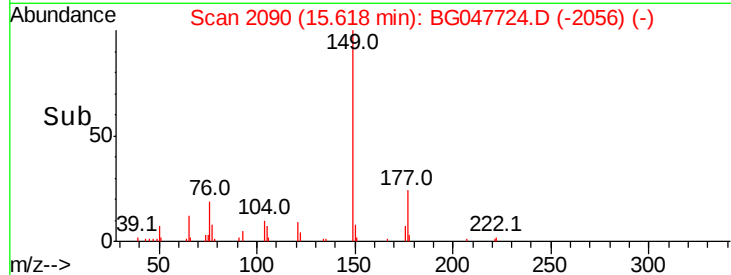
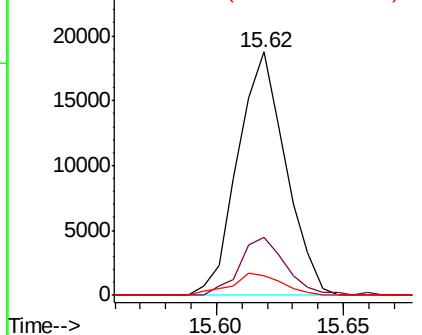
#59
Diethylphthalate
Concen: 3.165 ng/ul
RT: 15.62 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	20.6	31.0
150	8.1	11.1	16.7#

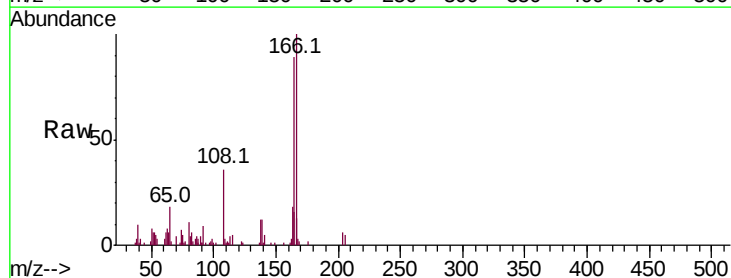


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

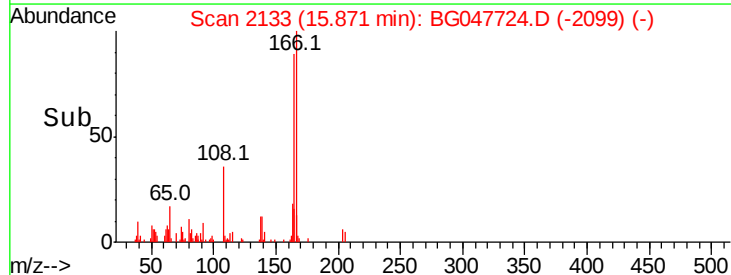
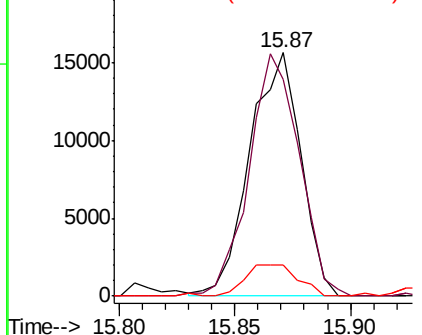


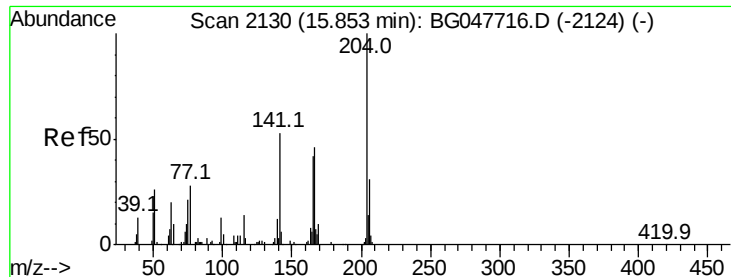
#61
Fluorene
Concen: 3.272 ng/ul
RT: 15.87 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	89.2	75.4	113.2
167	13.0	12.3	18.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

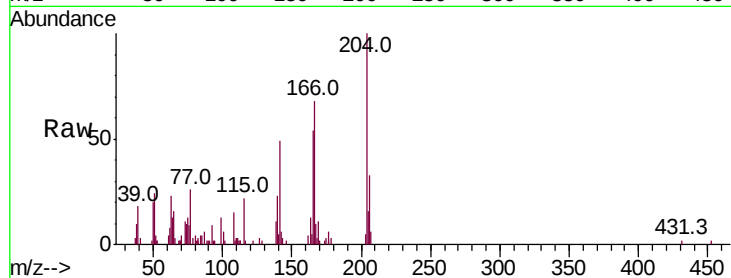




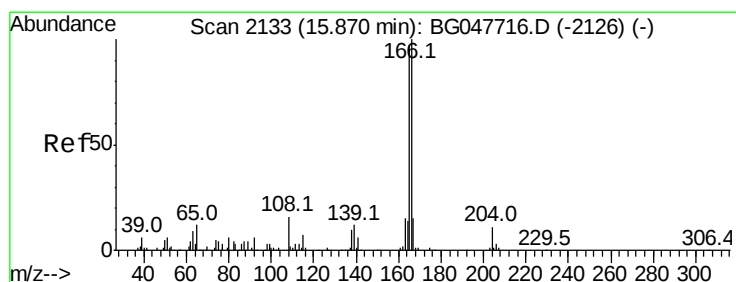
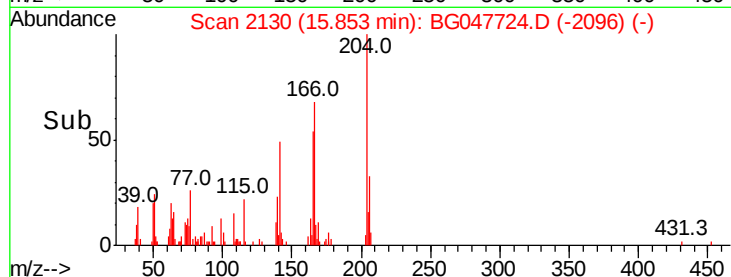
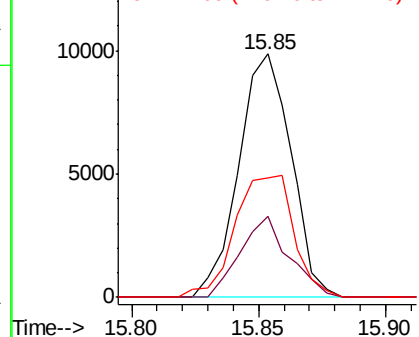
#62
4-Chlorophenyl-phenylether
Concen: 3.090 ng/ul
RT: 15.85 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion:204 Resp: 14172
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 49.3 40.9 61.3

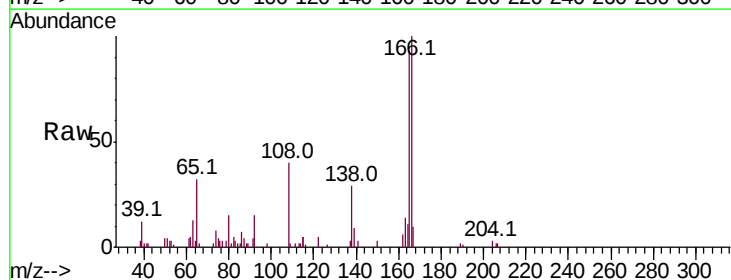


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

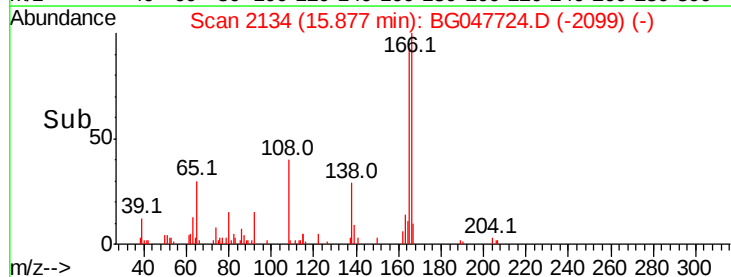
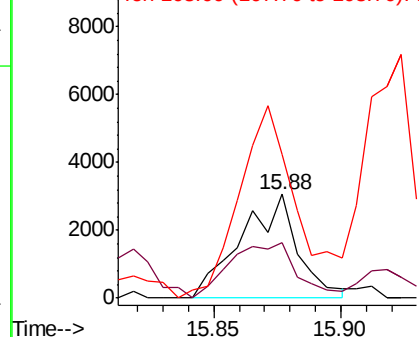


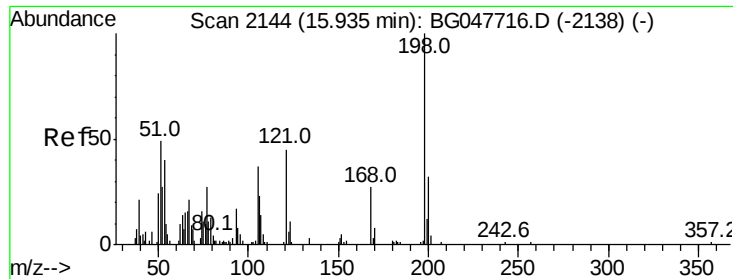
#63
4-Nitroaniline
Concen: 4.254 ng/ul
RT: 15.88 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion:138 Resp: 4782
Ion Ratio Lower Upper
138 100
92 53.5 31.9 47.9#
108 138.9 109.1 163.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

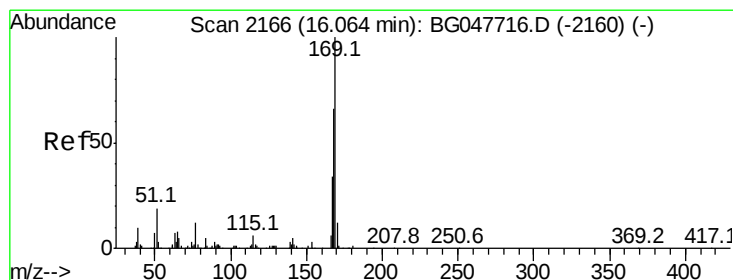
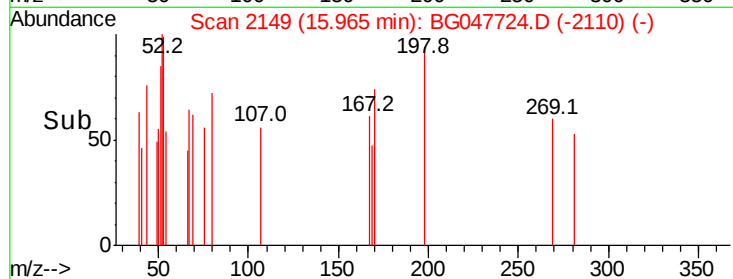
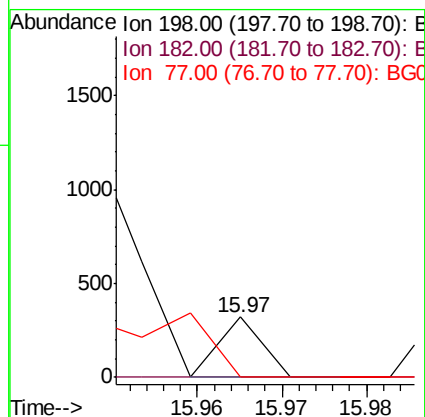
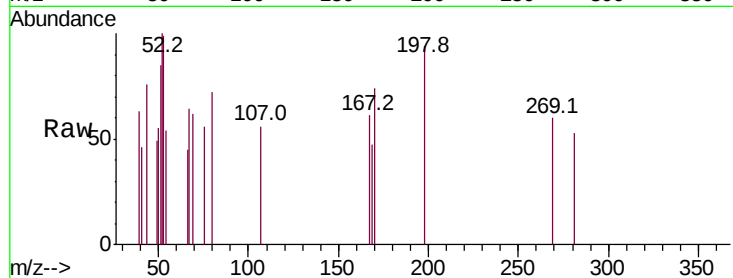




#66
 4,6-Dinitro-2-methylphenol
 Concen: 0.044 ng/ul
 RT: 15.97 min Scan# 2149
 Delta R.T. 0.03 min
 Lab File: BG047724.D
 Acq: 11 Dec 2020 21:50

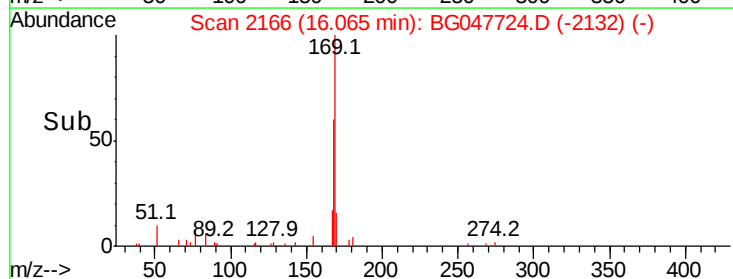
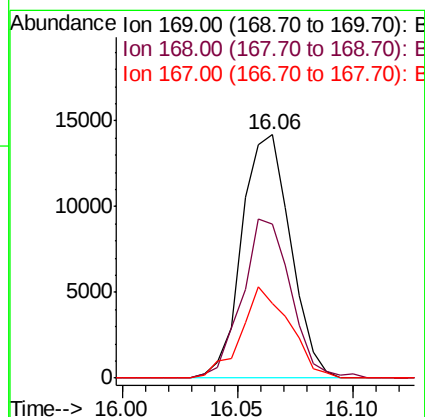
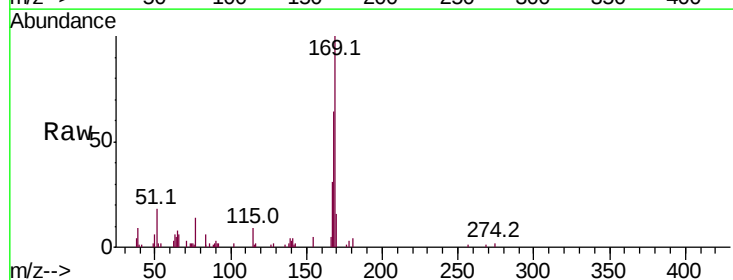
Instrument :
 BNA_G
 ClientSampleId :
 MDL-ME-SOIL-01

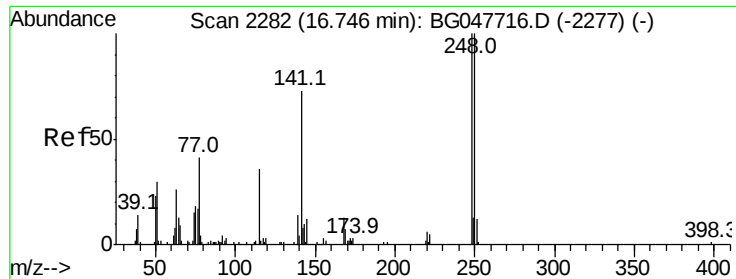
Tot Ion:198 Resp: 113
 Ion Ratio Lower Upper
 198 100
 182 0.0 2.9 4.3#
 77 0.0 26.1 39.1#



#67
 N-Nitrosodiphenylamine
 Concen: 2.050 ng/ul
 RT: 16.06 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG047724.D
 Acq: 11 Dec 2020 21:50

Tgt Ion:169 Resp: 20850
 Ion Ratio Lower Upper
 169 100
 168 63.5 53.8 80.8
 167 30.7 29.8 44.8

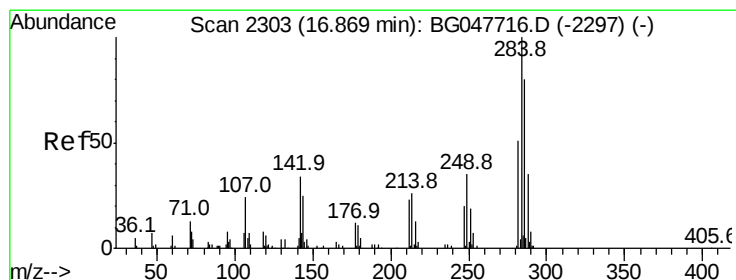
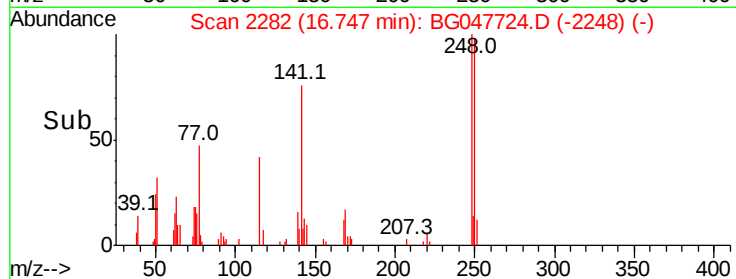
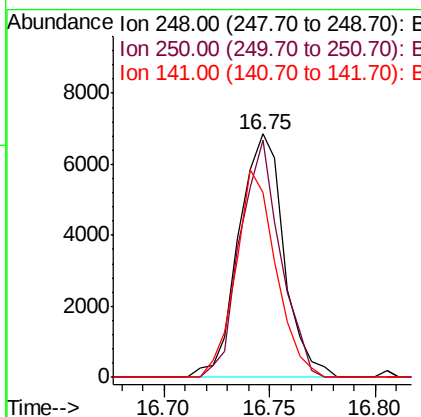
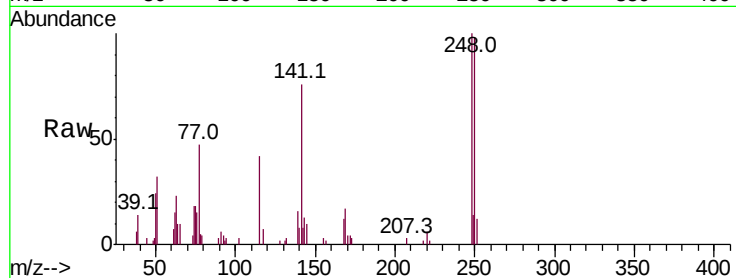




#68
4-Bromophenyl-phenylether
Concen: 2.167 ng/ul
RT: 16.75 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

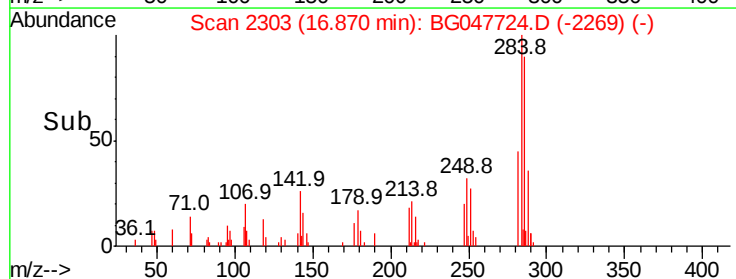
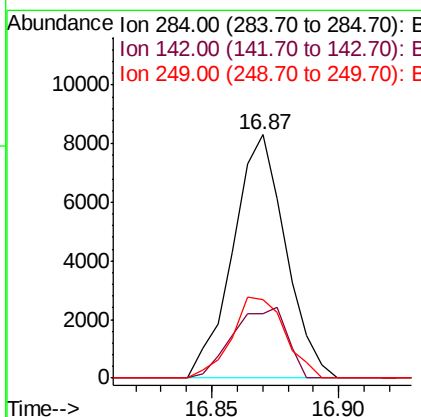
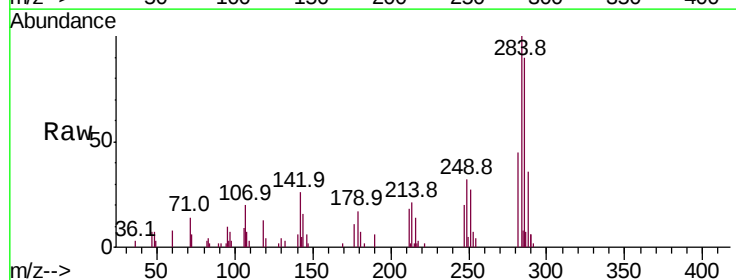
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

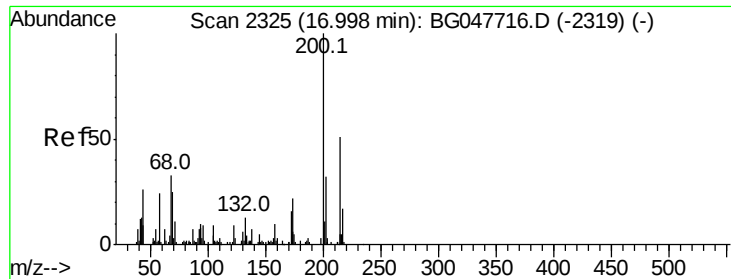
Tot Ion:248 Resp: 10174
Ion Ratio Lower Upper
248 100
250 97.6 77.2 115.8
141 76.1 61.8 92.6



#69
Hexachlorobenzene
Concen: 2.328 ng/ul
RT: 16.87 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion:284 Resp: 11994
Ion Ratio Lower Upper
284 100
142 30.9 29.3 43.9
249 37.3 31.7 47.5

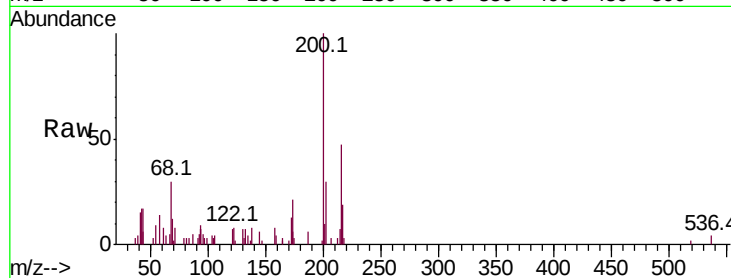




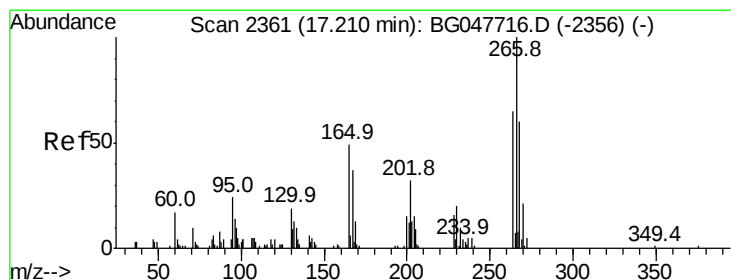
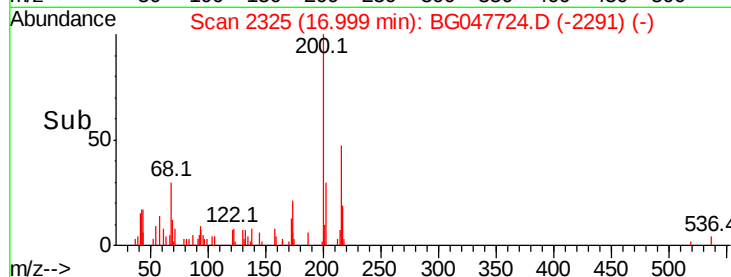
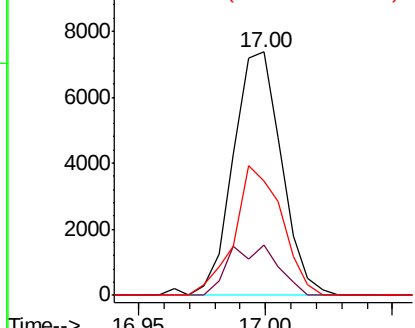
#70
Atrazine
Concen: 2.011 ng/ul
RT: 17.00 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

Tot Ion	Ratio	Lower	Upper
200	100		
173	20.9	14.9	22.3
215	47.1	42.5	63.7

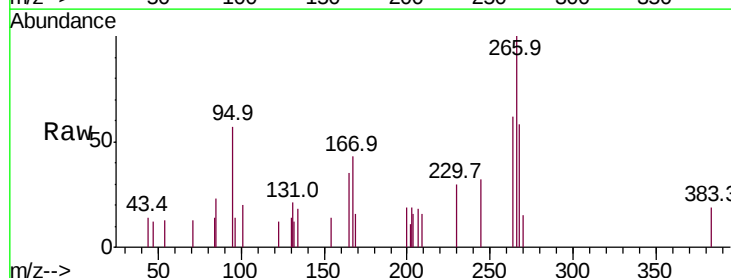


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

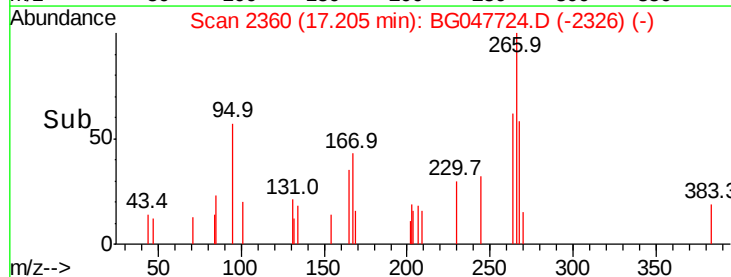
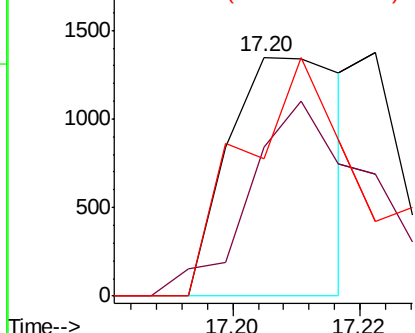


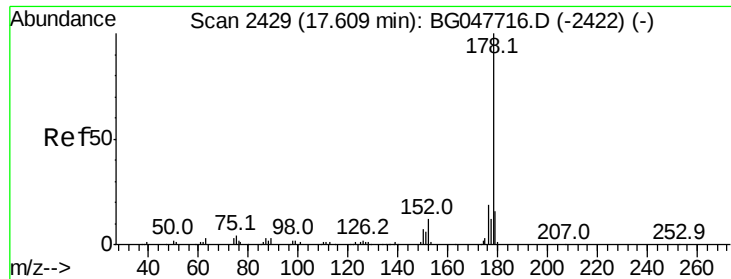
#71
Pentachlorophenol
Concen: 0.696 ng/ul
RT: 17.20 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.4	56.8	85.2
268	57.6	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: 2.077 ng/ul

RT: 17.70 min Scan# 2444

Delta R.T. 0.09 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

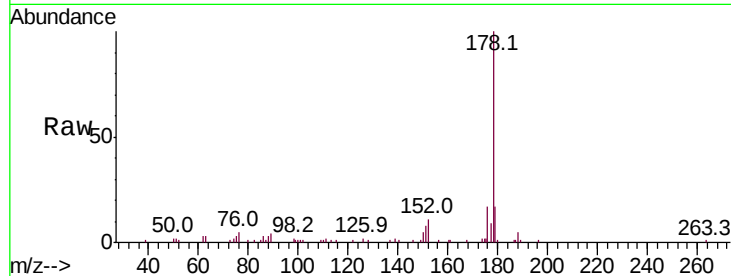
Tot Ion:178 Resp: 41233

Ion Ratio Lower Upper

178 100

179 17.5 13.5 20.3

176 17.5 15.3 22.9

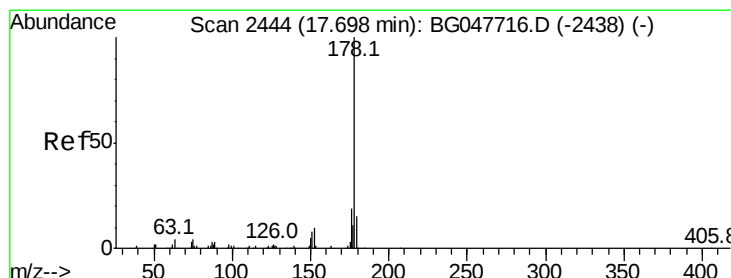
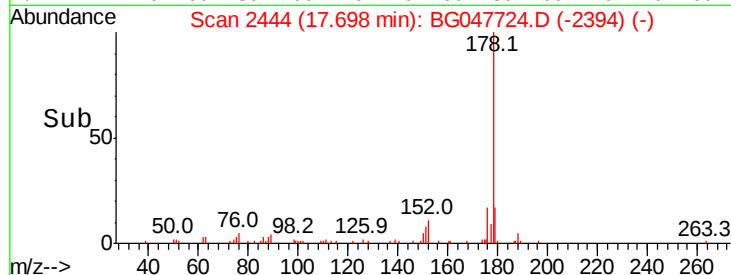
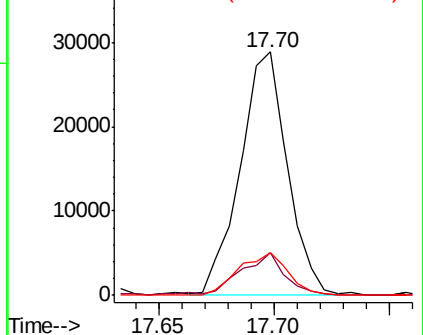


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Anthracene

Concen: 2.079 ng/ul

RT: 17.70 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

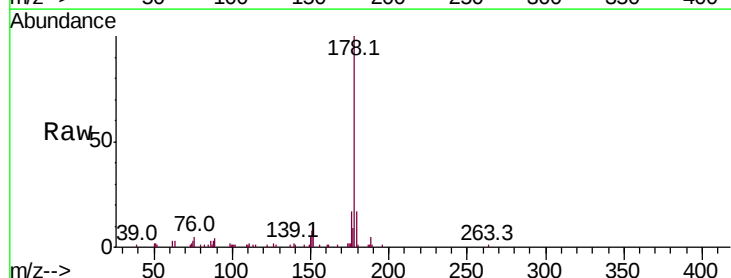
Tgt Ion:178 Resp: 41233

Ion Ratio Lower Upper

178 100

179 17.5 12.0 18.0

176 17.5 15.4 23.2

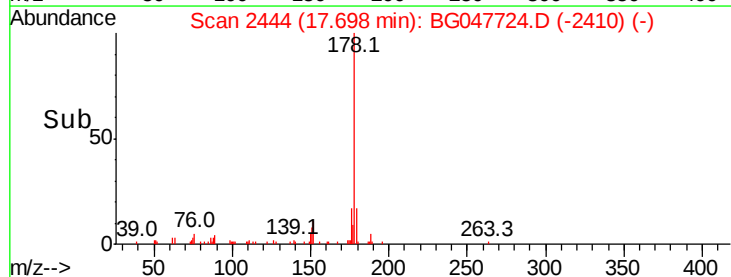
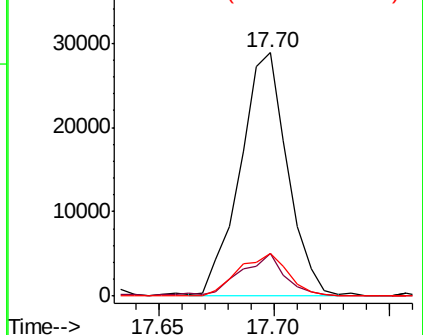


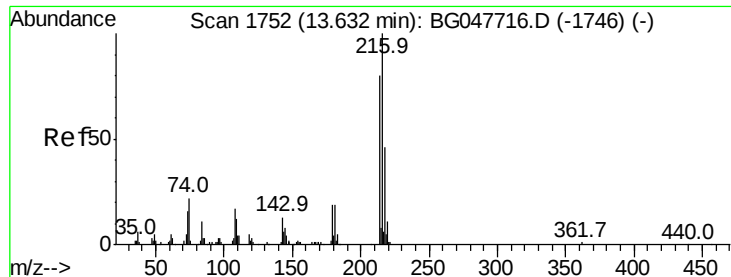
Abundance

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: 2.142 ng/uL

RT: 13.63 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

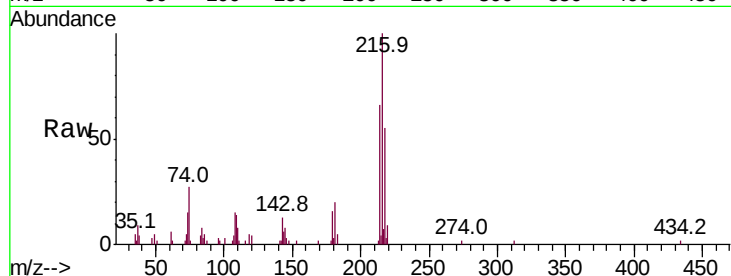
Tot Ion:216 Resp: 12690

Ion Ratio Lower Upper

216 100

214 66.3 58.6 87.8

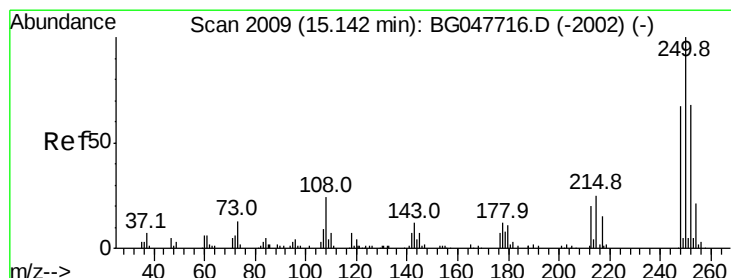
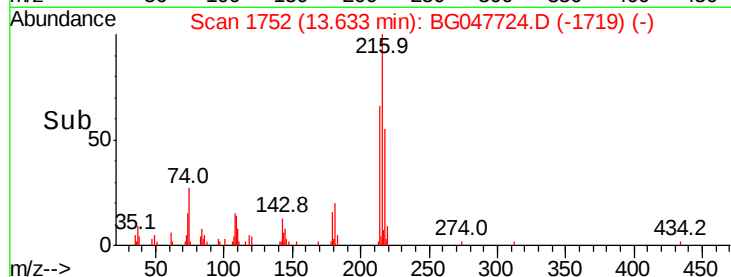
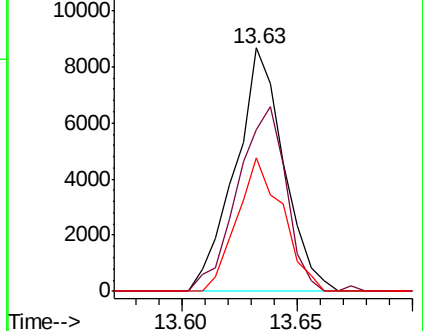
218 54.8 40.1 60.1



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: 2.134 ng/uL

RT: 15.14 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

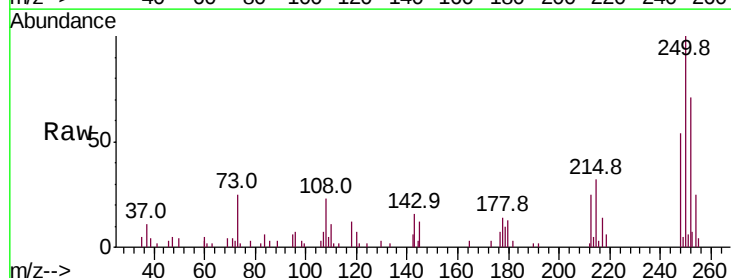
Tgt Ion:250 Resp: 12336

Ion Ratio Lower Upper

250 100

248 54.2 49.4 74.0

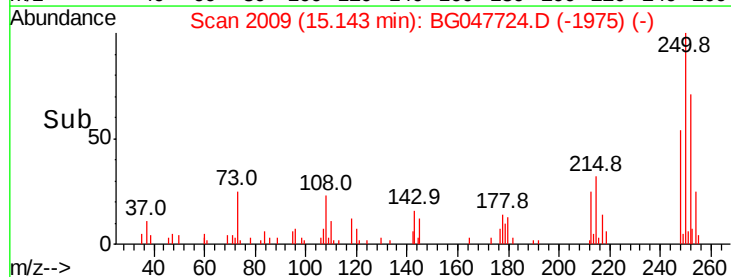
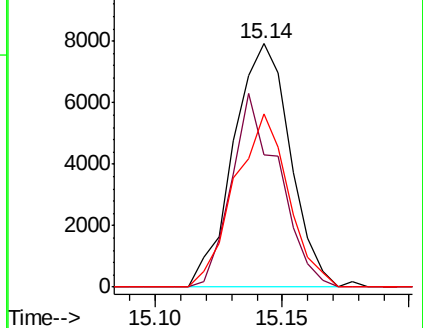
252 78.4 52.7 79.1

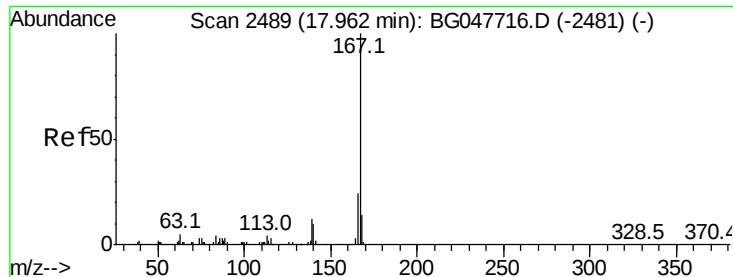


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 2.173 ng/ul

RT: 17.96 min Scan# 2488

Delta R.T. -0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

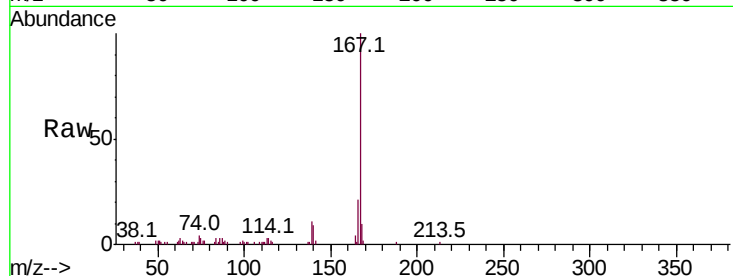
Tot Ion:167 Resp: 35126

Ion Ratio Lower Upper

167 100

166 20.5 17.6 26.4

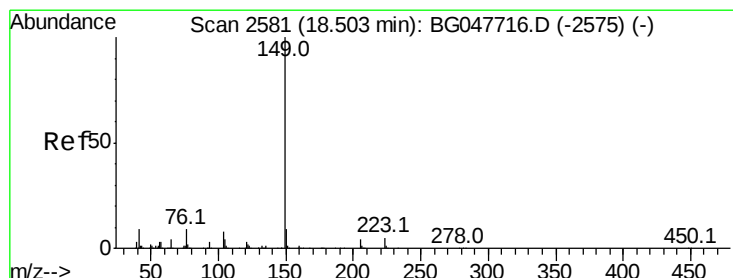
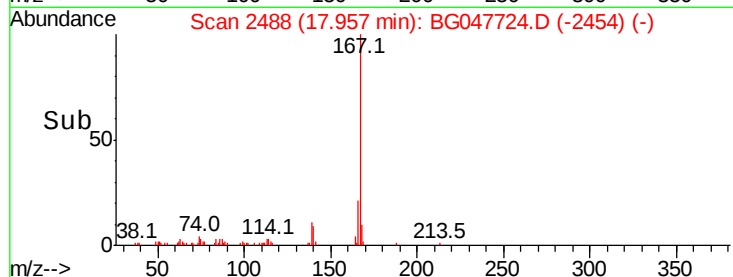
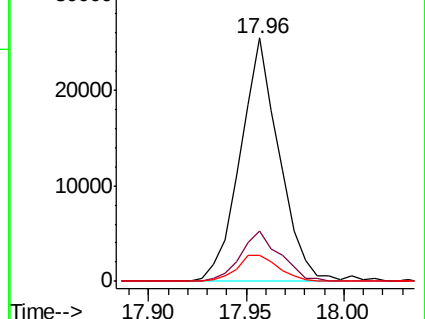
139 10.5 10.2 15.2



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: 0.003 ng/ul

RT: 18.54 min Scan# 2587

Delta R.T. 0.03 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

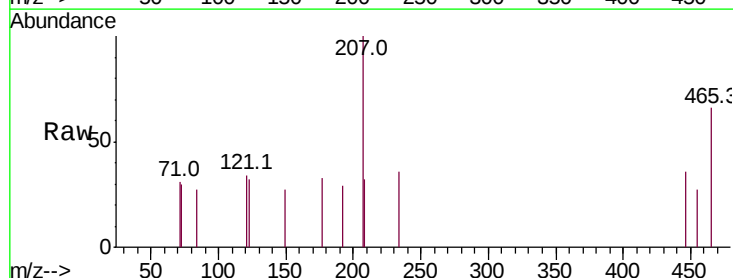
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

150 0.0 7.3 10.9#

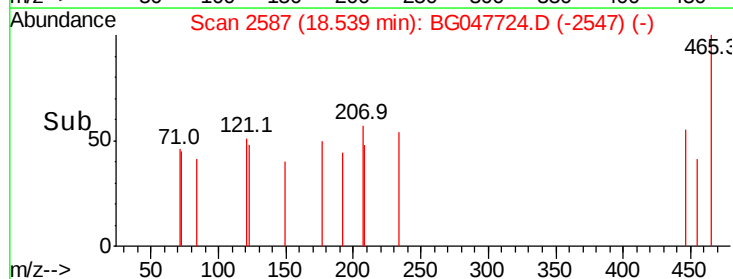
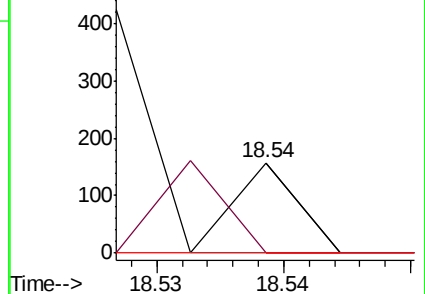
104 0.0 7.0 10.6#

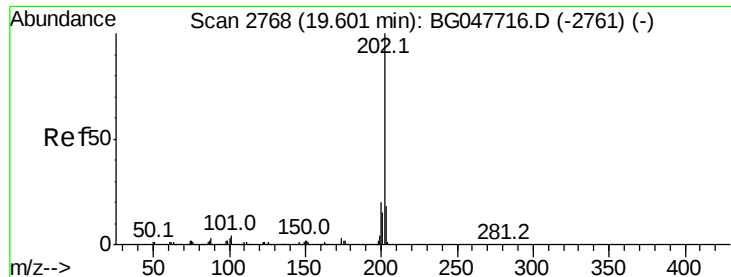


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Fluoranthene

Concen: 10.054 ng/ul

RT: 19.67 min Scan# 2779

Delta R.T. 0.07 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

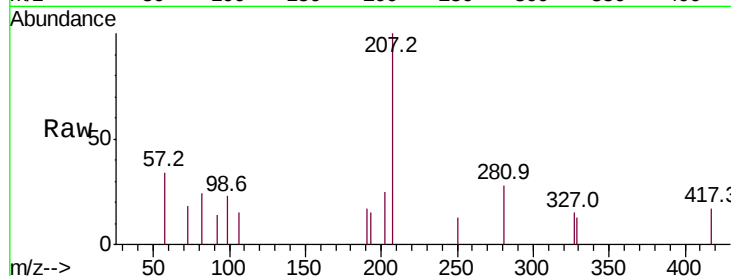
Tot Ion:202 Resp: 266

Ion Ratio Lower Upper

202 100

101 0.0 2.8 4.2#

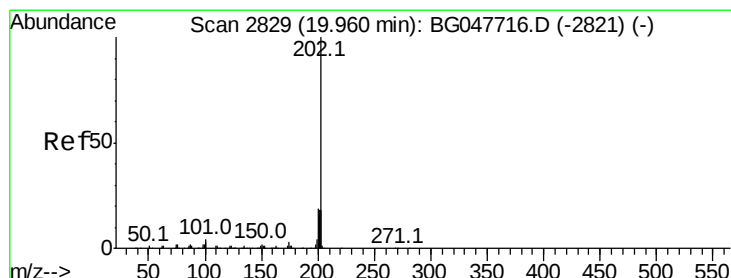
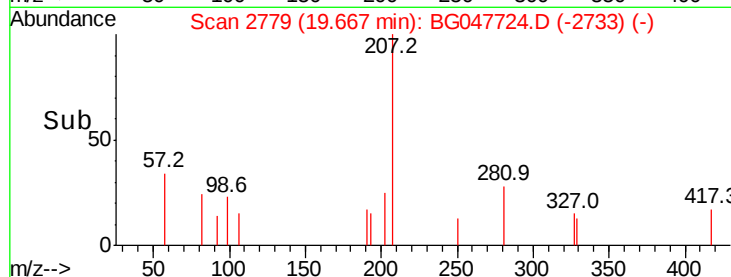
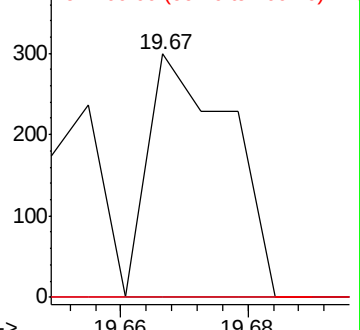
100 0.0 2.3 3.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Pyrene

Concen: 3.293 ng/ul

RT: 20.00 min Scan# 2836

Delta R.T. 0.04 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

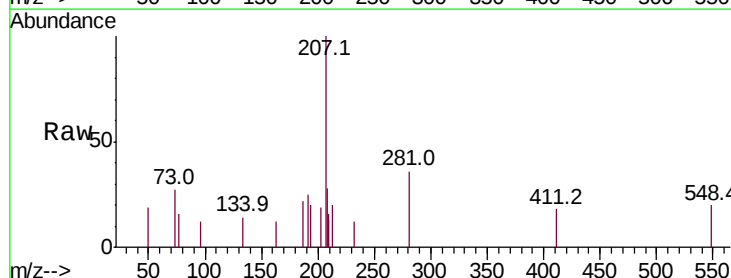
Tgt Ion:202 Resp: 86

Ion Ratio Lower Upper

202 100

101 0.0 3.8 5.6#

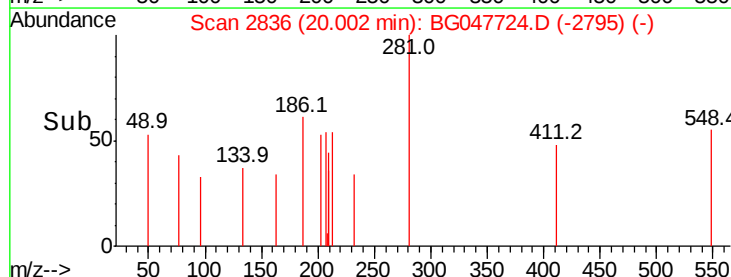
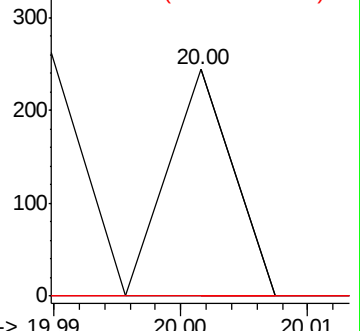
100 0.0 3.0 4.6#

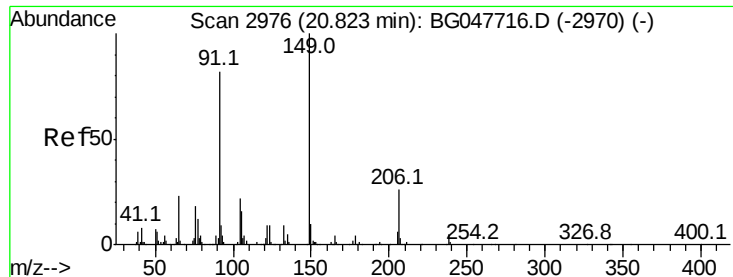


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

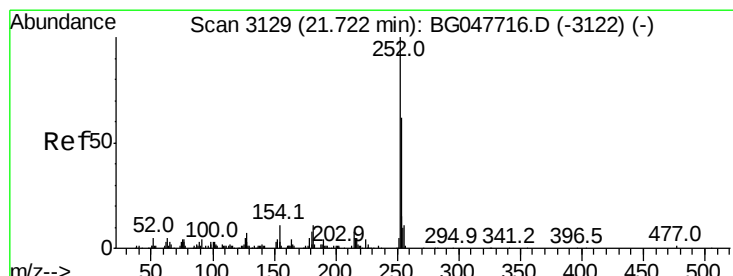
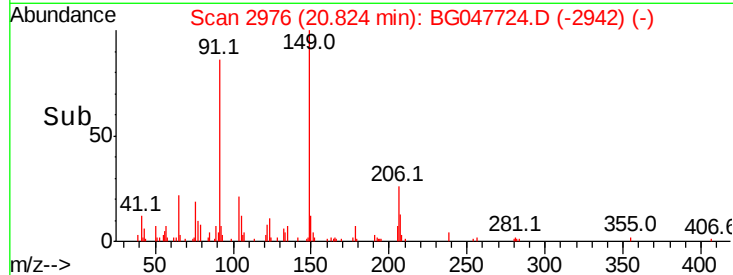
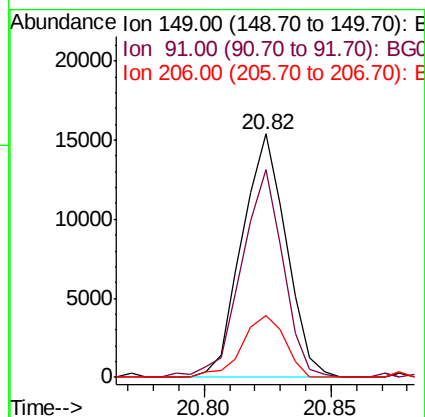
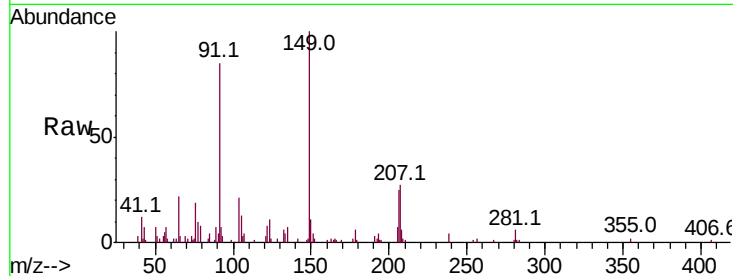




#83
Butylbenzylphthalate
Concen: 2060.867 ng/ul
RT: 20.82 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

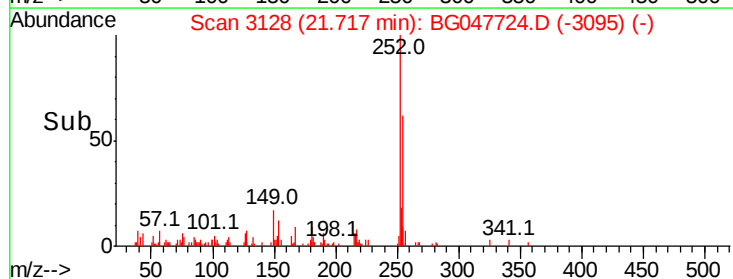
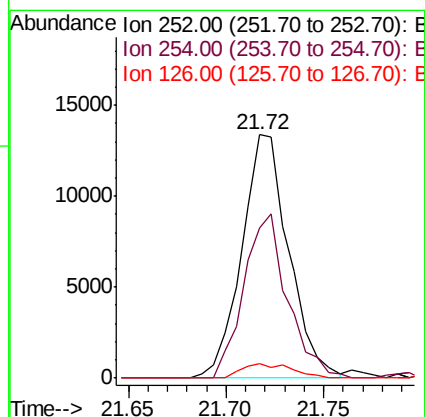
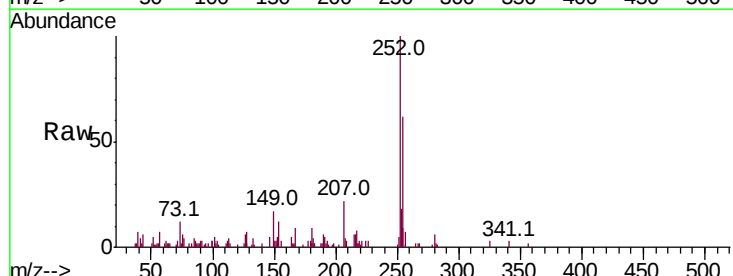
Instrument :
BNA_G
ClientSampleId :
MDL-ME-SOIL-01

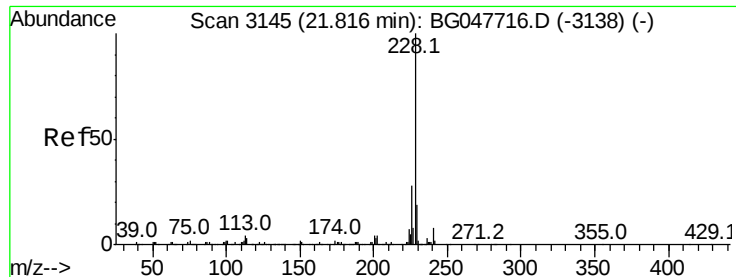
Tot Ion:149 Resp: 18777
Ion Ratio Lower Upper
149 100
91 85.4 64.6 97.0
206 25.3 20.3 30.5



#84
3,3'-Dichlorobenzidine
Concen: 2341.939 ng/ul
RT: 21.72 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG047724.D
Acq: 11 Dec 2020 21:50

Tgt Ion:252 Resp: 22258
Ion Ratio Lower Upper
252 100
254 61.9 46.9 70.3
126 5.7 3.8 5.8





#85

Benzo(a)anthracene

Concen: 1959.424 ng/ul

RT: 21.89 min Scan# 3157

Delta R.T. 0.07 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

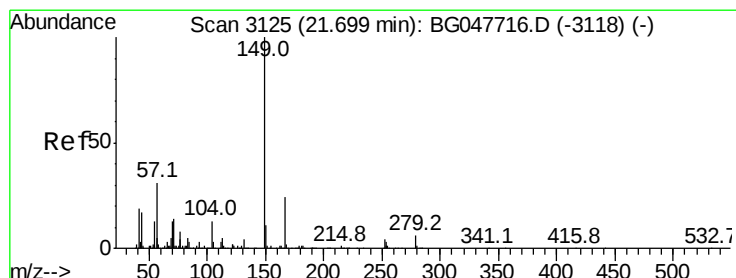
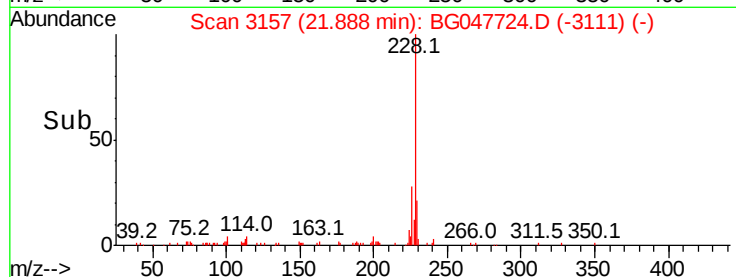
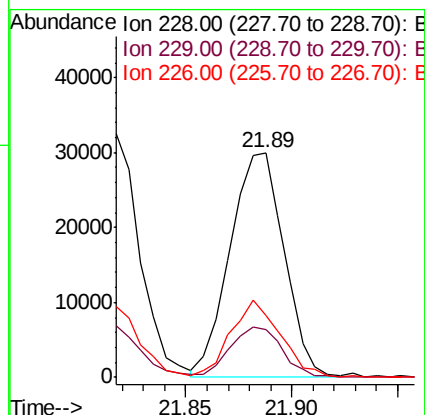
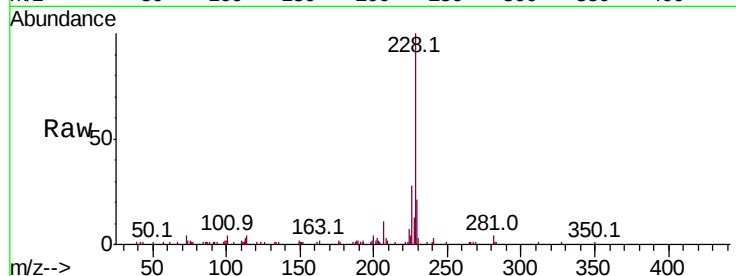
Tot Ion:228 Resp: 53387

Ion Ratio Lower Upper

228 100

229 21.0 16.2 24.4

226 27.5 20.4 30.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.075 ng/ul

RT: 21.80 min Scan# 3142

Delta R.T. 0.10 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

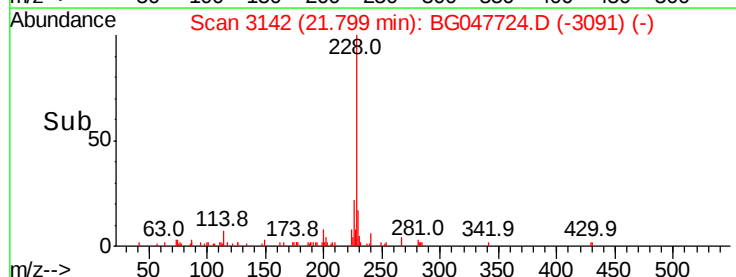
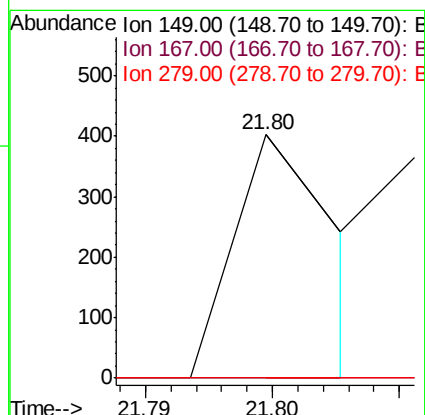
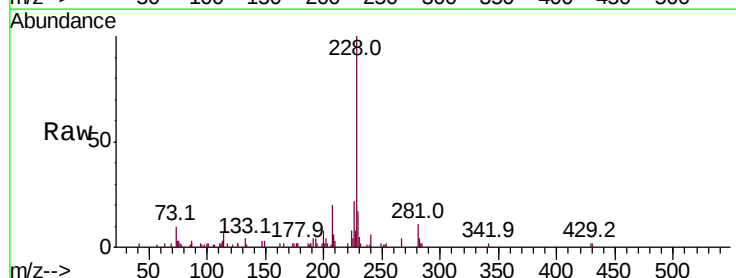
Tgt Ion:149 Resp: 227

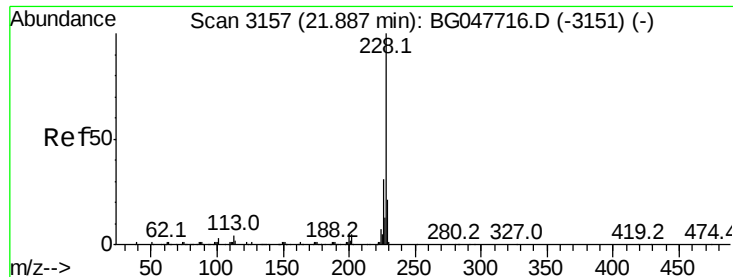
Ion Ratio Lower Upper

149 100

167 0.0 25.1 37.7#

279 0.0 5.2 7.8#





#87

Chrysene

Concen: 2029.986 ng/ul

RT: 21.89 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

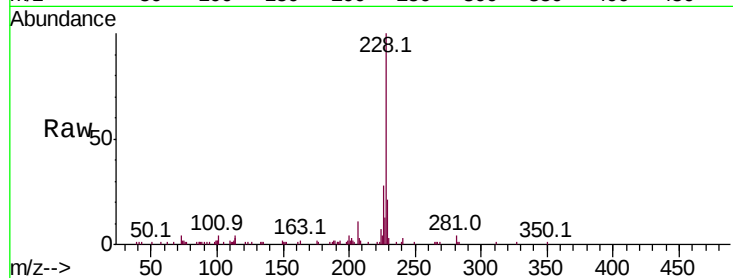
Tot Ion:228 Resp: 52482

Ion Ratio Lower Upper

228 100

226 27.5 23.0 34.6

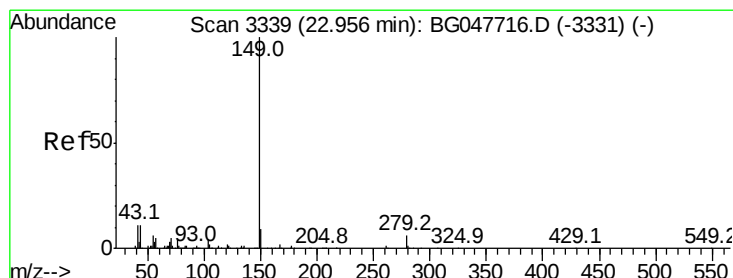
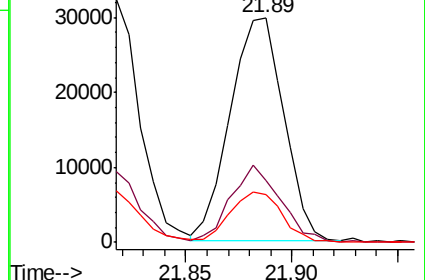
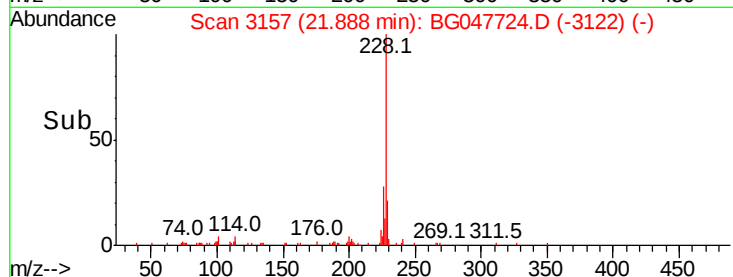
229 21.0 16.2 24.2



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: 0.967 ng/ul

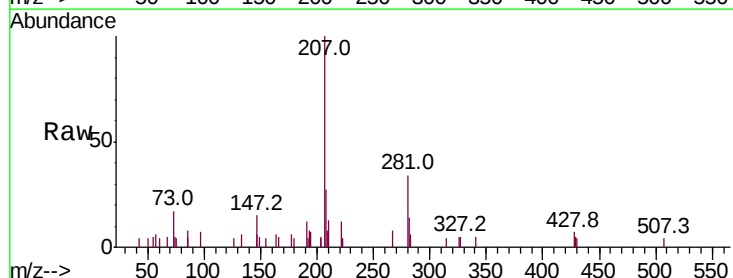
RT: 23.06 min Scan# 3356

Delta R.T. 0.10 min

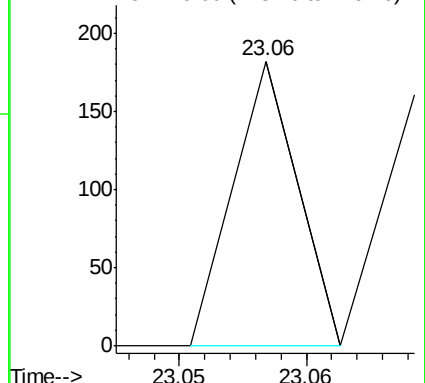
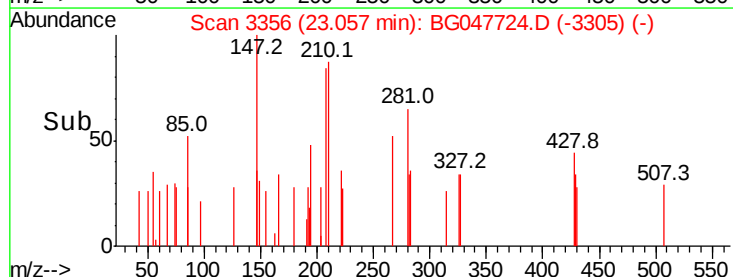
Lab File: BG047724.D

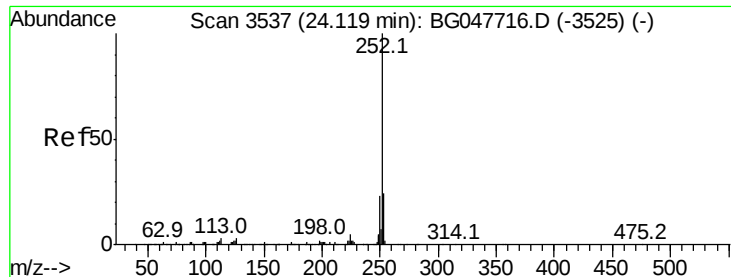
Acq: 11 Dec 2020 21:50

Tgt Ion:149 Resp: 64



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 669.449 ng/ul

RT: 24.18 min Scan# 3547

Delta R.T. 0.05 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

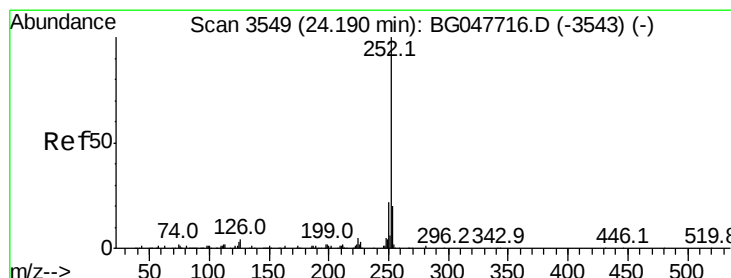
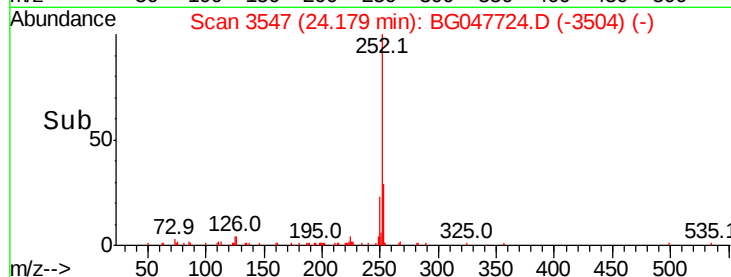
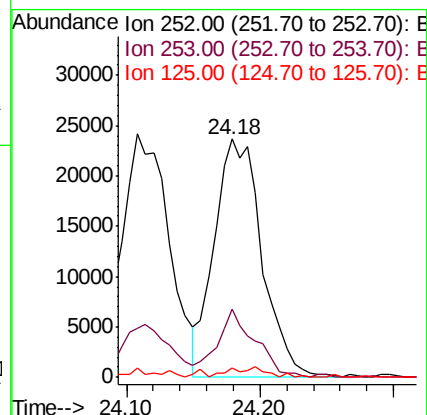
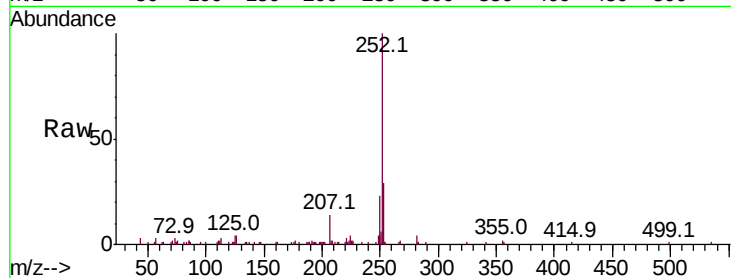
Tot Ion:252 Resp: 58863

Ion Ratio Lower Upper

252 100

253 28.8 16.6 24.8#

125 4.1 1.8 2.8#



#91

Benzo(k)fluoranthene

Concen: 1.911 ng/ul

RT: 24.27 min Scan# 3562

Delta R.T. 0.08 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

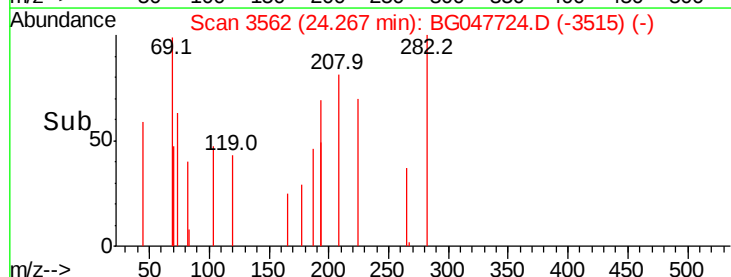
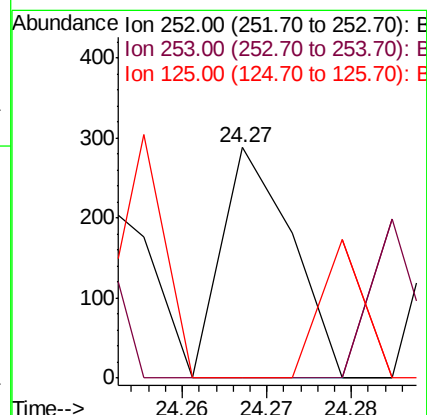
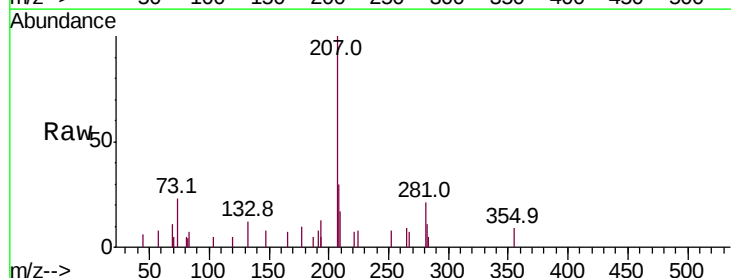
Tgt Ion:252 Resp: 166

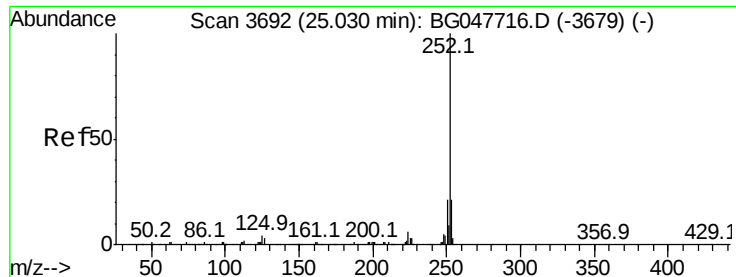
Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.4#

125 0.0 2.2 3.2#





#93

Benzo(a)pyrene

Concen: 2.515 ng/ul

RT: 25.10 min Scan# 3703

Delta R.T. 0.06 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

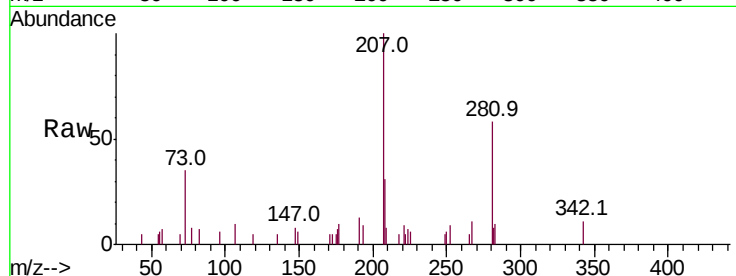
Tot Ion:252 Resp: 195

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

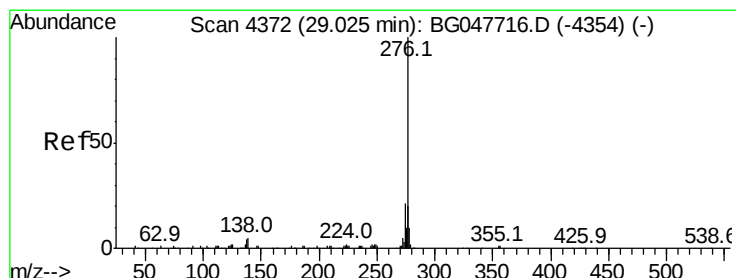
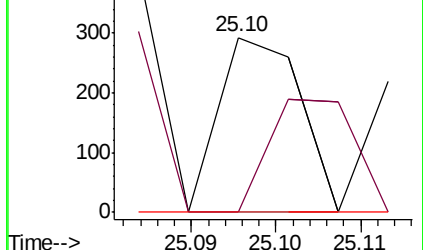
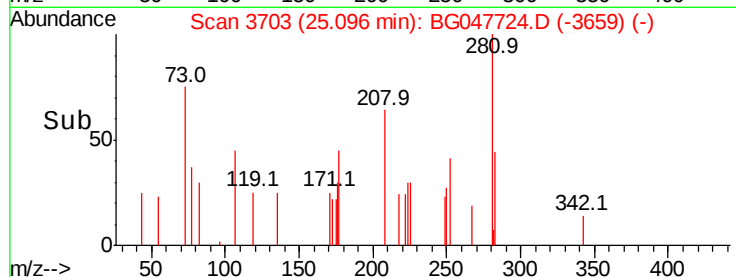
125 0.0 2.6 4.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.271 ng/ul

RT: 29.16 min Scan# 4394

Delta R.T. 0.13 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

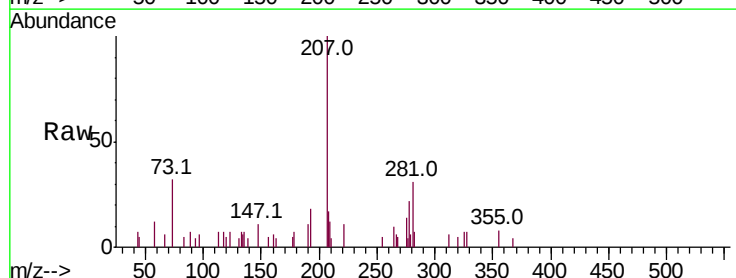
Tgt Ion:276 Resp: 122

Ion Ratio Lower Upper

276 100

138 31.2 5.1 7.7#

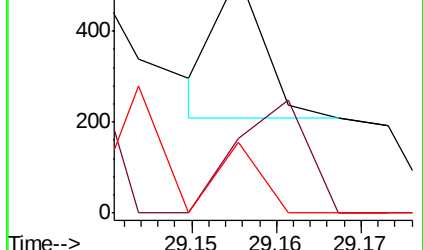
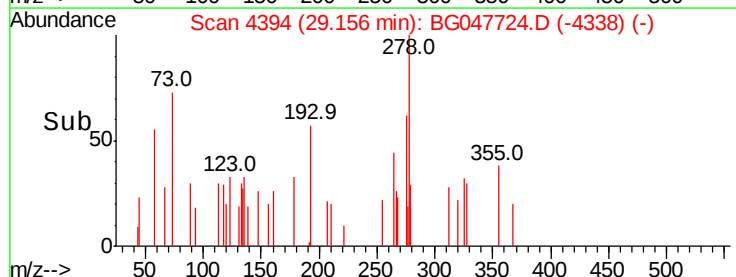
277 29.8 18.4 27.6#

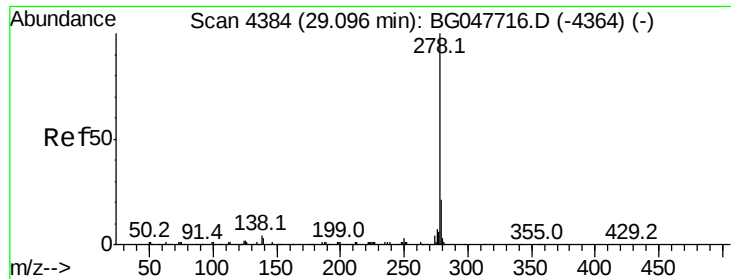


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 1.845 ng/ul

RT: 29.24 min Scan# 4409

Delta R.T. 0.15 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

Instrument :

BNA_G

ClientSampleId :

MDL-ME-SOIL-01

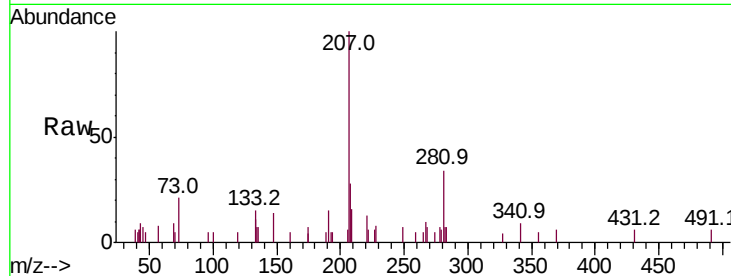
Tot Ion:278 Resp: 147

Ion Ratio Lower Upper

278 100

139 0.0 3.5 5.3#

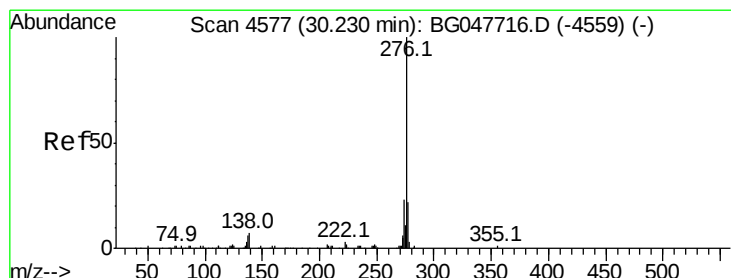
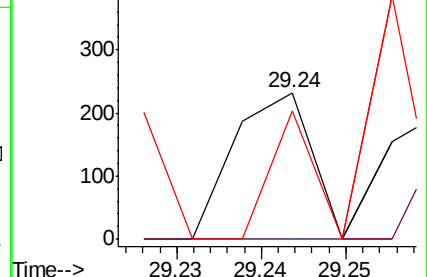
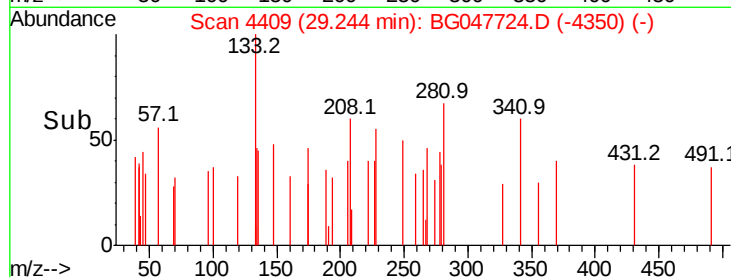
279 87.5 18.6 28.0#



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: 312.042 ng/ul

RT: 30.23 min Scan# 4577

Delta R.T. -0.01 min

Lab File: BG047724.D

Acq: 11 Dec 2020 21:50

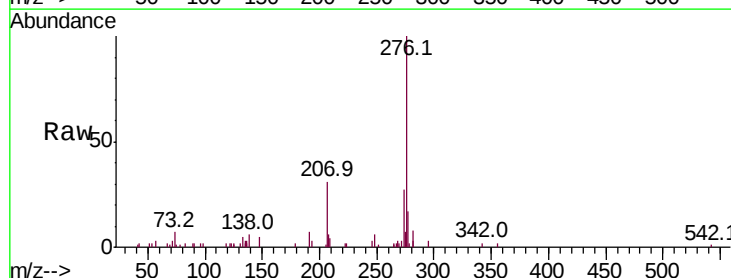
Tgt Ion:276 Resp: 24660

Ion Ratio Lower Upper

276 100

138 5.8 4.2 6.4

277 16.6 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

