

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021820\
 Data File : BP001767.D
 Acq On : 18 Feb 2020 19:29
 Operator : CG/JU
 Sample : K5695-03
 Misc : MDL-SOIL-03
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

Quant Time: Feb 19 02:44:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 02:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	382004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1563734	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	969538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2102301	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2162060	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2310650	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	42564	4.63	ng/uL	0.00
5) Phenol-d5	6.83	99	989440	34.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	584412	34.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	836370	35.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	775050	33.85	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	379638	35.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	371390	38.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	783394	34.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1146493	42.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2434699	35.78	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	3057143	36.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	366506	30.94	ng/ul	0.00
58) Fluorene-d10	15.29	176	2120805	34.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	239447	28.89	ng/ul	0.00
71) Anthracene-d10	17.14	188	3219868	34.77	ng/ul	0.00
79) Pyrene-d10	19.39	212	3646909	32.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3806699	34.11	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.80	77	70407	3.985	ng/ul 98
6) Phenol	6.86	94	106863	3.494	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.09	93	89471	3.627	ng/ul 98
10) 2-Chlorophenol	7.23	128	88106	3.571	ng/ul 96
11) 2-Methylphenol	8.10	108	71044	3.068	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	104283	3.548	ng/ul 99
14) Acetophenone	8.47	105	126254	3.569	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.46	70	55905	3.408	ng/ul 97
16) 4-Methylphenol	8.42	108	85934	3.446	ng/ul 98
17) Hexachloroethane	8.73	117	33536	3.416	ng/ul 92
20) Nitrobenzene	8.84	77	94798	3.613	ng/ul 97
21) Isophorone	9.37	82	152660	3.165	ng/ul 99
23) 2-Nitrophenol	9.55	139	43394	3.783	ng/ul 98
24) 2,4-Dimethylphenol	9.62	107	86503	3.358	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.86	93	112437	3.445	ng/ul 100
27) 2,4-Dichlorophenol	10.08	162	82332	3.524	ng/ul 92
28) Naphthalene	10.48	128	302512	3.620	ng/ul 99
30) 4-Chloroaniline	10.59	127	112001	4.116	ng/ul 100
31) Hexachlorobutadiene	10.79	225	57833	3.501	ng/ul 98
32) Caprolactam	11.35	113	15499	2.196	ng/ul 92
33) 4-Chloro-3-methylphenol	11.72	107	66298	2.980	ng/ul 97
34) 2-Methylnaphthalene	12.10	142	201224	3.493	ng/ul 99
35) 1-Methylnaphthalene	12.32	142	213962	3.769	ng/ul 98

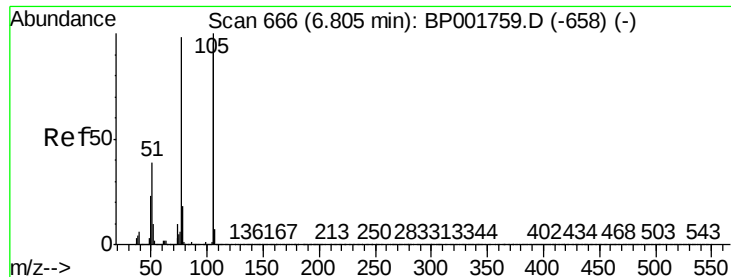
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
 Data File : BP001767.D
 Acq On : 18 Feb 2020 19:29
 Operator : CG/JU
 Sample : K5695-03
 Misc : MDL-SOIL-03
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 MDL-SOIL-03

Quant Time: Feb 19 02:44:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 02:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	112203	3.553	ng/ul	95
38) Hexachlorocyclopentadiene	12.46	237	45836	2.687	ng/ul	96
39) 2,4,6-Trichlorophenol	12.72	196	46616	2.762	ng/ul	97
40) 2,4,5-Trichlorophenol	12.78	196	52031	2.800	ng/ul	97
41) 1,1'-Biphenyl	13.12	154	270862	3.584	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	211316	3.541	ng/ul	99
43) 2-Nitroaniline	13.36	65	31713	2.647	ng/ul	99
45) Dimethylphthalate	13.76	163	256813	3.586	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	31260	2.505	ng/ul	98
48) Acenaphthylene	14.01	152	331101	3.643	ng/ul	100
49) 3-Nitroaniline	14.19	138	35094	2.762	ng/ul#	91
50) Acenaphthene	14.36	153	221159	3.561	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	8806	1.700	ng/ul	98
53) 4-Nitrophenol	14.50	109	28756	3.278	ng/ul	92
54) Dibenzofuran	14.69	168	320772	3.667	ng/ul	100
55) 2,4-Dinitrotoluene	14.65	165	52909	2.879	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.92	232	43514	2.897	ng/ul#	99
57) Diethylphthalate	15.13	149	227407	3.321	ng/ul	99
59) Fluorene	15.35	166	259451	3.729	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	135171	3.743	ng/ul	99
61) 4-Nitroaniline	15.35	138	39899	2.781	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	28350	3.067	ng/ul#	68
65) N-Nitrosodiphenylamine	15.56	169	206464	3.425	ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	76945	3.335	ng/ul	99
67) Hexachlorobenzene	16.36	284	91951	3.453	ng/ul	99
68) Atrazine	16.52	200	58491	2.692	ng/ul	94
69) Pentachlorophenol	16.70	266	28035	2.175	ng/ul	98
70) Phenanthrene	17.09	178	423284	3.651	ng/ul	99
72) Anthracene	17.17	178	412798	3.605	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	125451	3.640	ng/uL	99
74) Pentachlorobenzene	14.62	250	112415	3.346	ng/uL	99
75) Carbazole	17.45	167	324817	3.401	ng/ul	98
76) Di-n-butylphthalate	18.03	149	294659	2.804	ng/ul	100
77) Fluoranthene	19.06	202	441673	3.558	ng/ul	97
80) Pvrene	19.42	202	512742	3.487	ng/ul	98
81) Butylbenzylphthalate	20.31	149	106219	2.326	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	115638	2.473	ng/ul	98
83) Benzo(a)anthracene	21.12	228	485161	3.408	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	212675	2.812	ng/ul	99
85) Chrysene	21.17	228	475437	3.418	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	274470	2.372	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	451208	3.319	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	479025	3.399	ng/ul	99
91) Benzo(a)pyrene	23.25	252	448248	3.518	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	503962	3.166	ng/ul	100
93) Dibenzo(a,h)anthracene	25.59	278	436269	3.263	ng/ul	99
94) Benzo(g,h,i)perylene	26.25	276	424784	3.139	ng/ul	99

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



#4

Benzaldehyde

Concen: 3.985 ng/ul

RT: 6.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

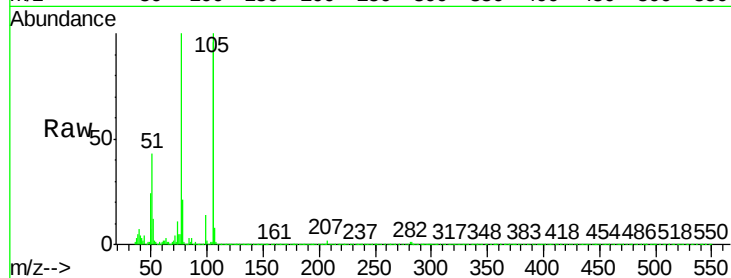
Tot Ion: 77 Resp: 70407

Ion Ratio Lower Upper

77 100

105 100.1 82.0 123.0

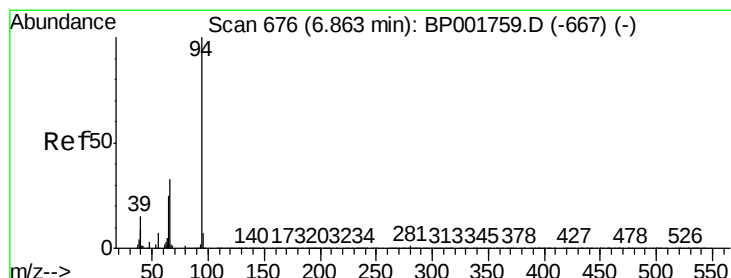
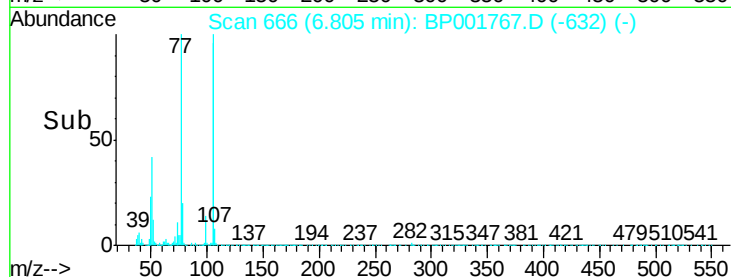
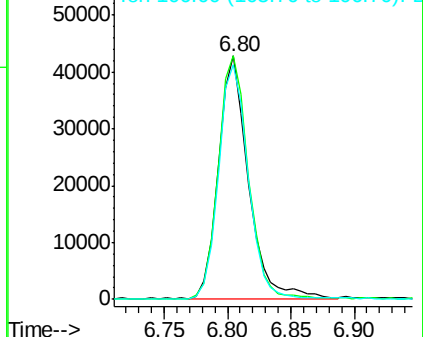
106 96.3 78.9 118.3



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#6

Phenol

Concen: 3.494 ng/ul

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

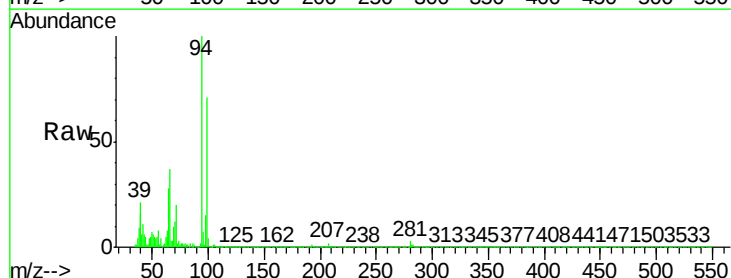
Tgt Ion: 94 Resp: 106863

Ion Ratio Lower Upper

94 100

65 27.7 19.8 29.6

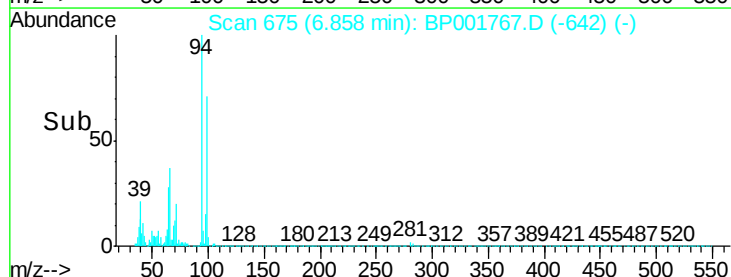
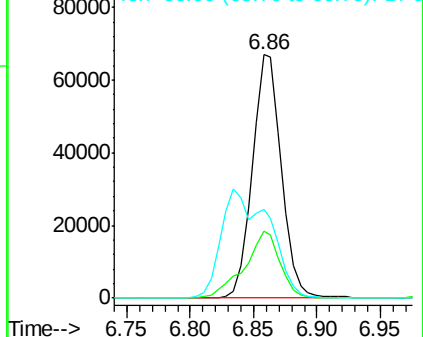
66 36.6 26.6 39.8

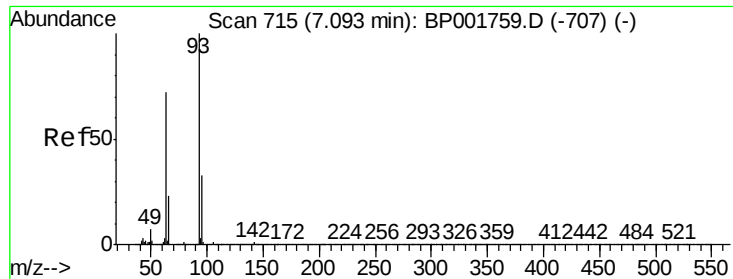


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



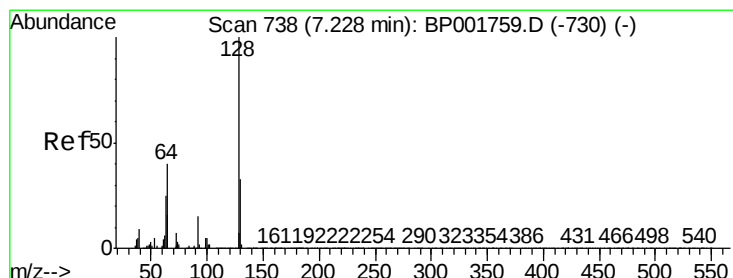
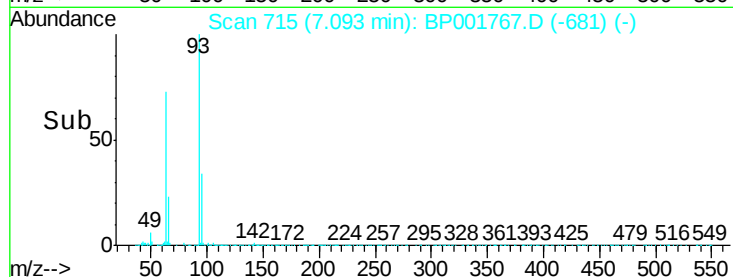
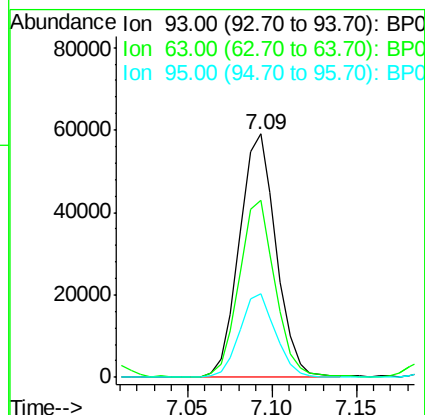
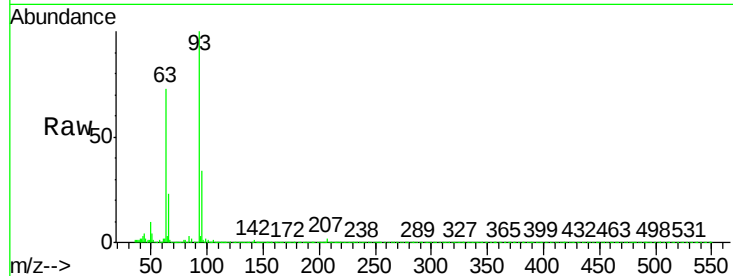


#8

Bis(2-Chloroethyl)ether
Concen: 3.627 ng/ul
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

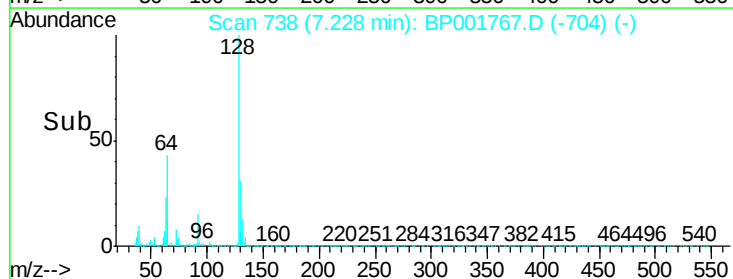
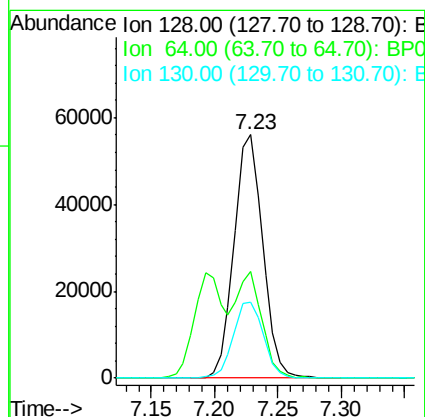
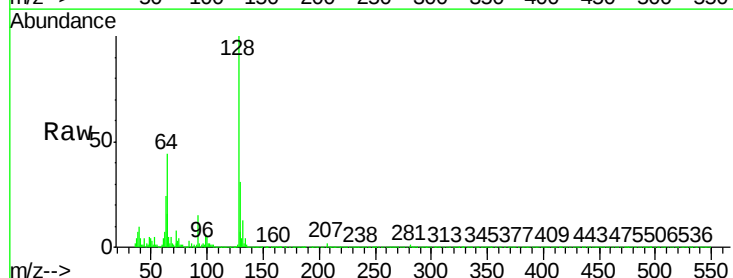
Tot Ion:	93	Resp:	89471
Ion	Ratio	Lower	Upper
93	100		
63	72.9	57.2	85.8
95	34.2	26.8	40.2

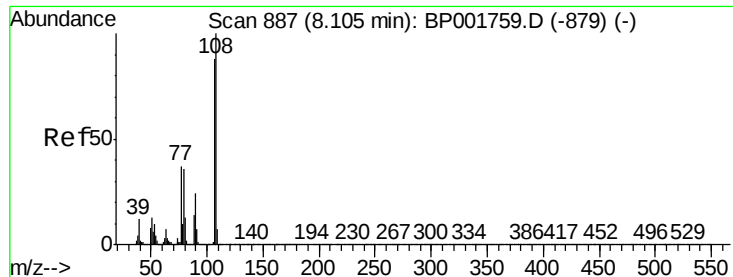


#10

2-Chlorophenol
Concen: 3.571 ng/ul
RT: 7.23 min Scan# 738
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:	128	Resp:	88106
Ion	Ratio	Lower	Upper
128	100		
64	43.7	32.9	49.3
130	31.3	26.4	39.6





#11

2-Methylphenol

Concen: 3.068 ng/ul

RT: 8.10 min Scan# 887

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

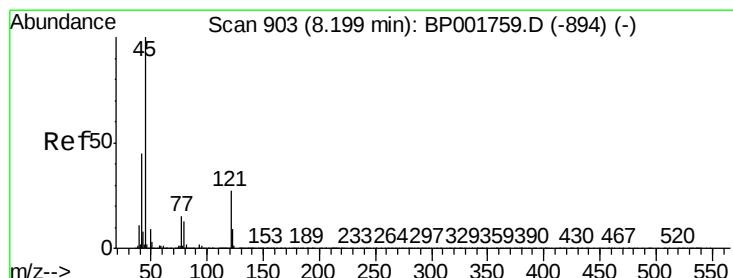
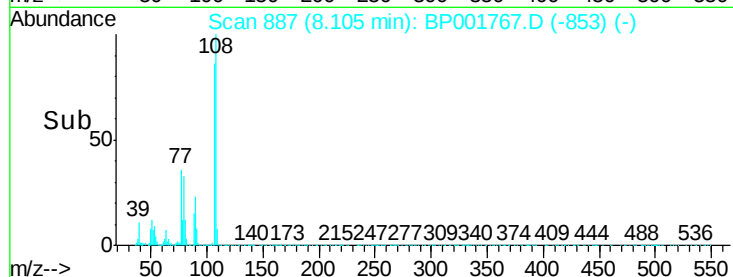
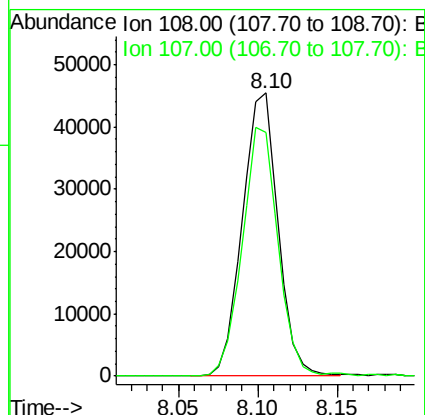
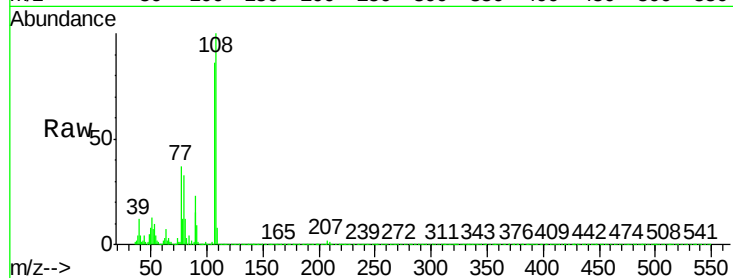
MDL-SOIL-03

Tot Ion:108 Resp: 71044

Ion Ratio Lower Upper

108 100

107 85.9 70.6 106.0



#12

2,2'-oxybis(1-Chloropropane)

Concen: 3.548 ng/ul

RT: 8.19 min Scan# 902

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

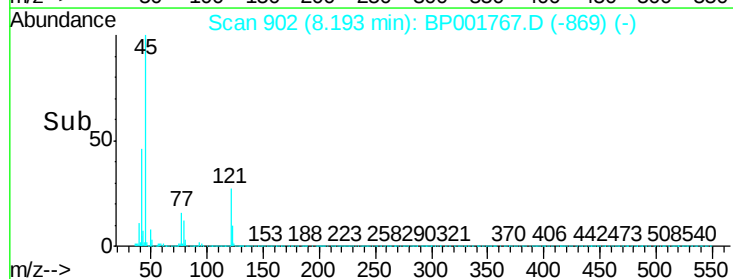
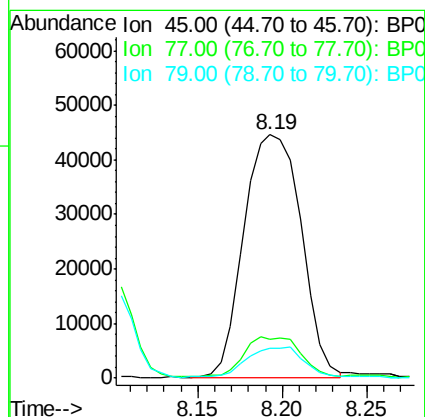
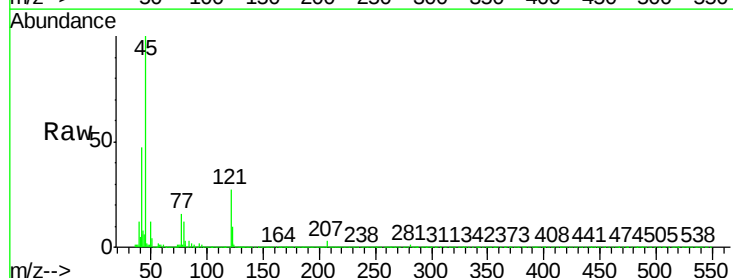
Tgt Ion: 45 Resp: 104283

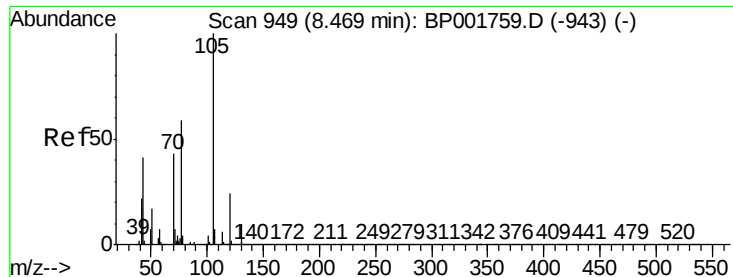
Ion Ratio Lower Upper

45 100

77 16.0 12.6 18.8

79 12.3 10.4 15.6





#14

Acetophenone

Concen: 3.569 ng/ul

RT: 8.47 min Scan# 949

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampled :

MDL-SOIL-03

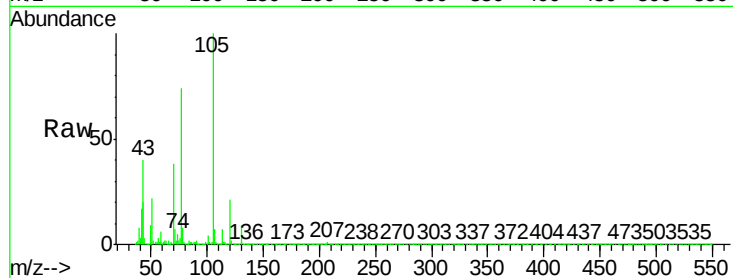
Tot Ion:105 Resp: 126254

Ion Ratio Lower Upper

105 100

77 73.9 59.8 89.6

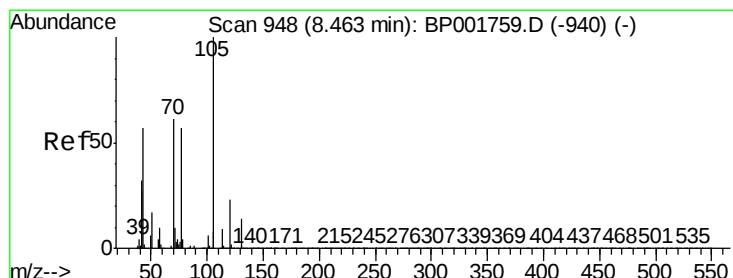
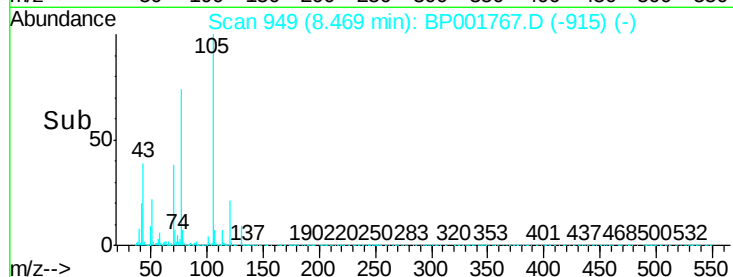
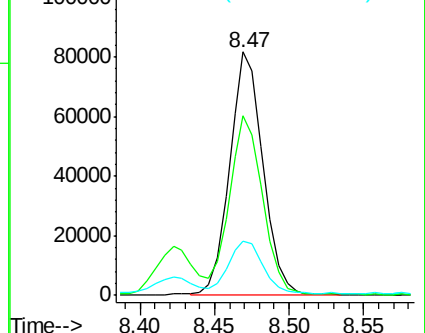
51 22.3 17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#15

N-Nitroso-di-n-propylamine

Concen: 3.408 ng/ul

RT: 8.46 min Scan# 948

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Tgt Ion: 70 Resp: 55905

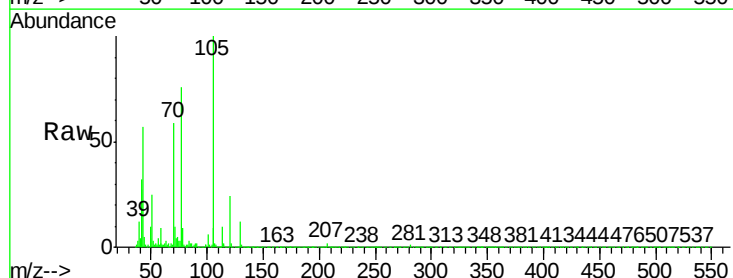
Ion Ratio Lower Upper

70 100

42 54.0 41.8 62.6

101 9.8 8.0 12.0

130 20.5 18.7 28.1

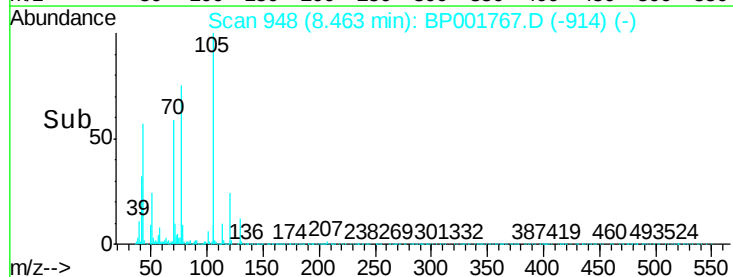
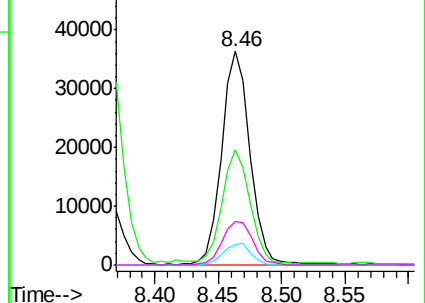


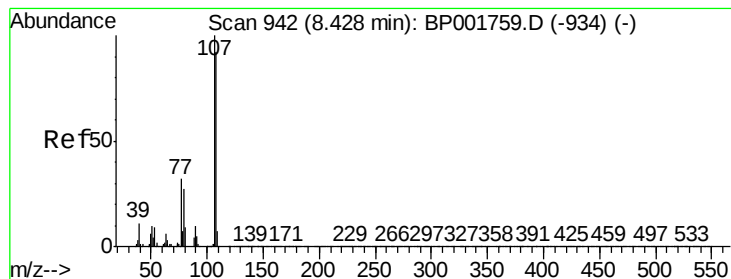
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#16

4-Methylphenol

Concen: 3.446 ng/ul

RT: 8.42 min Scan# 941

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

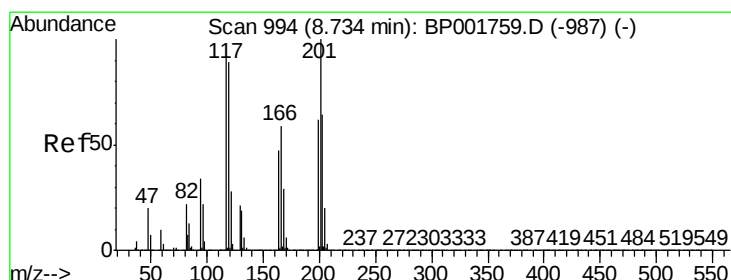
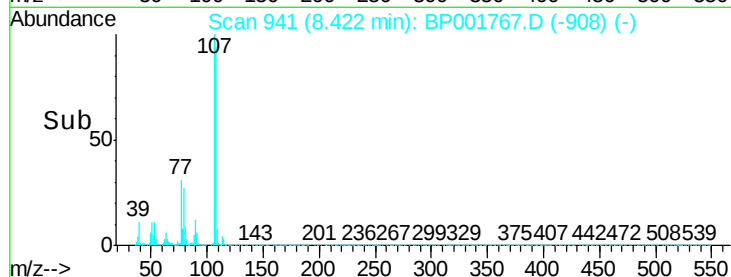
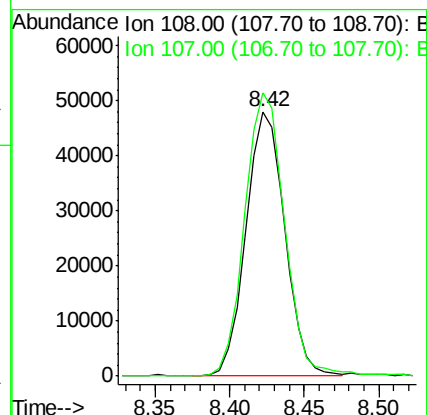
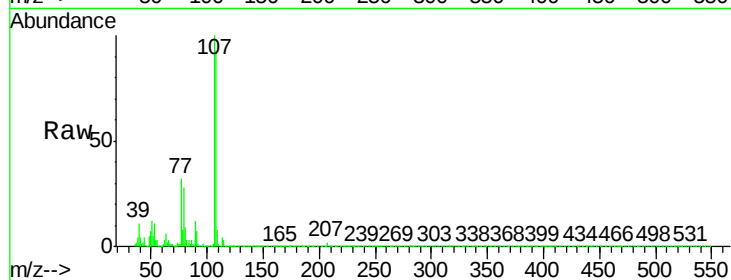
MDL-SOIL-03

Tot Ion:108 Resp: 85934

Ion Ratio Lower Upper

108 100

107 107.0 87.3 130.9



#17

Hexachloroethane

Concen: 3.416 ng/ul

RT: 8.73 min Scan# 994

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

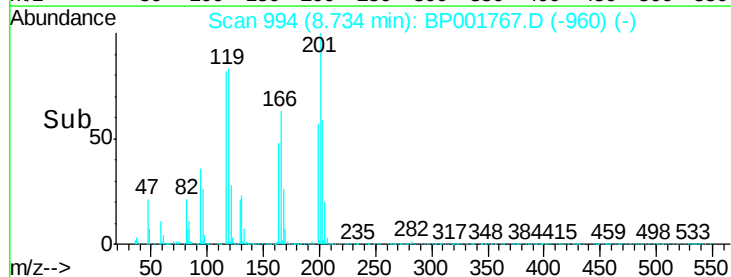
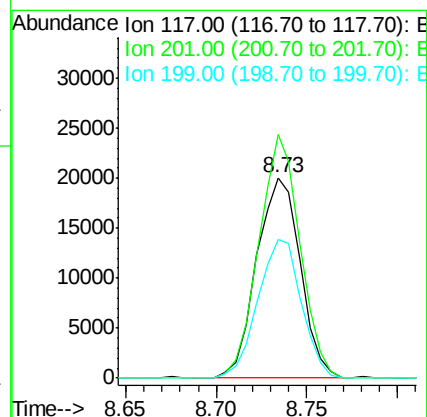
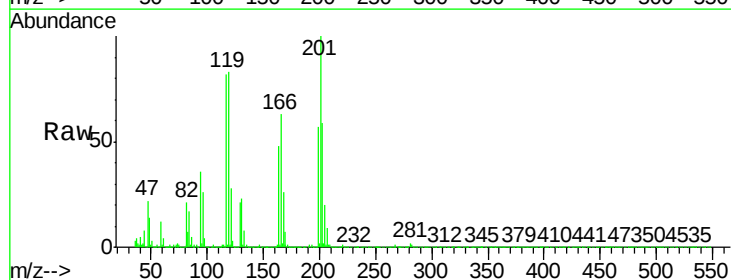
Tgt Ion:117 Resp: 33536

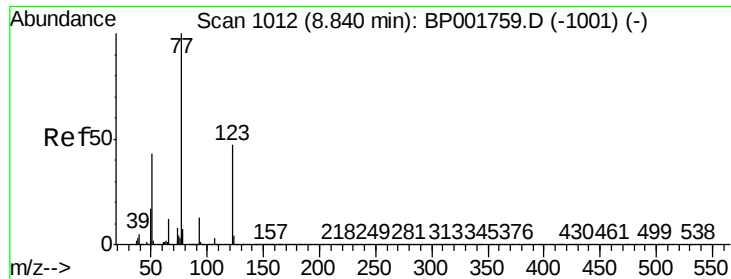
Ion Ratio Lower Upper

117 100

201 121.5 87.2 130.8

199 69.1 54.4 81.6

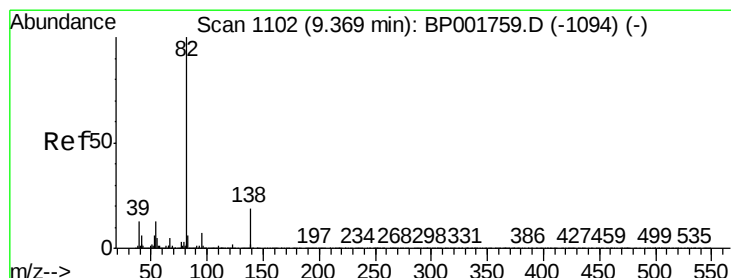
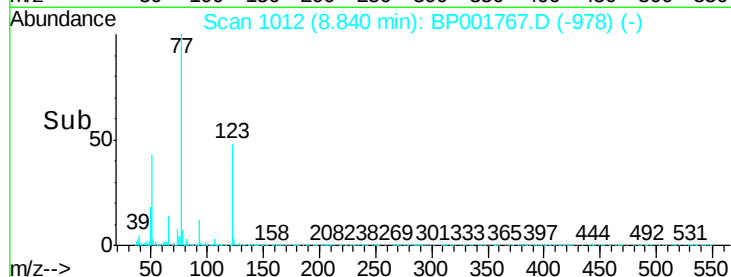
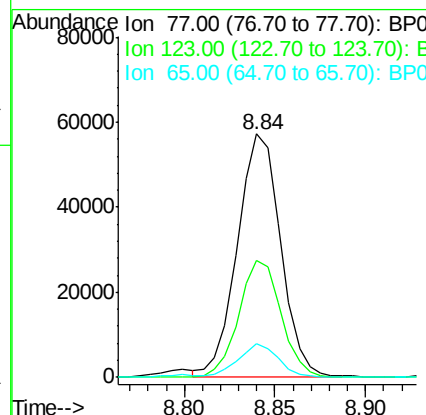
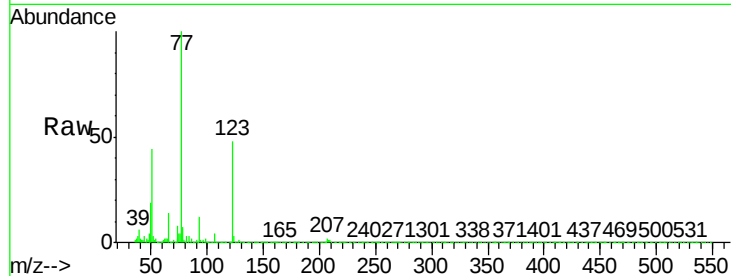




#20
Nitrobenzene
Concen: 3.613 ng/ul
RT: 8.84 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

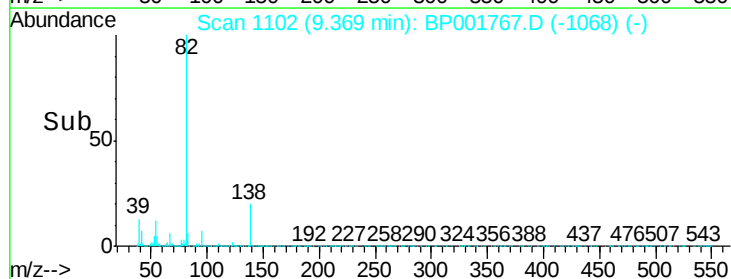
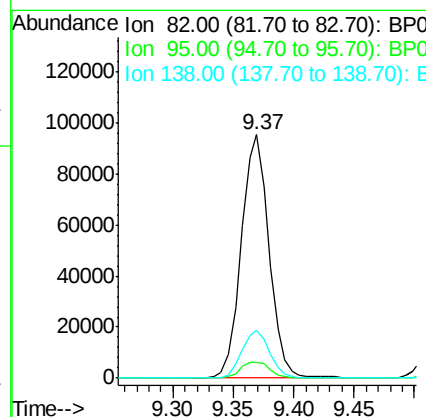
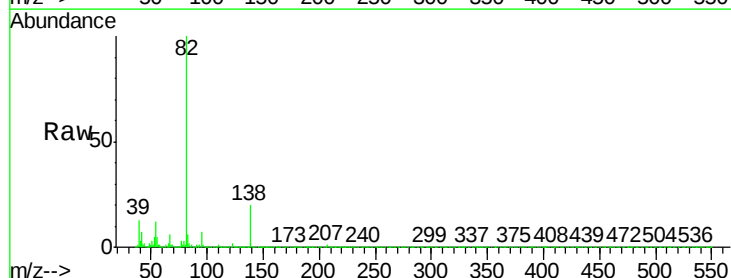
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

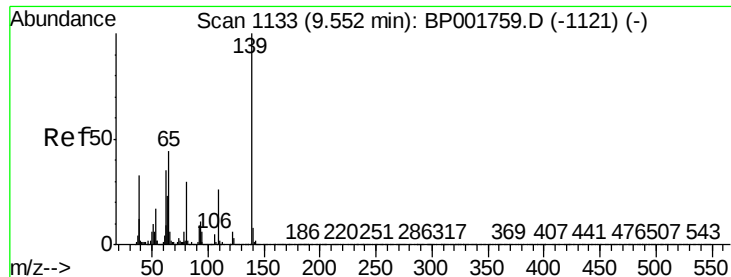
Tot Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.2	55.8
65	13.7	9.5	14.3



#21
Isophorone
Concen: 3.165 ng/ul
RT: 9.37 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.6	8.4
138	19.8	15.4	23.2





#23

2-Nitrophenol

Concen: 3.783 ng/ul

RT: 9.55 min Scan# 1133

Delta R.T. 0.00 min

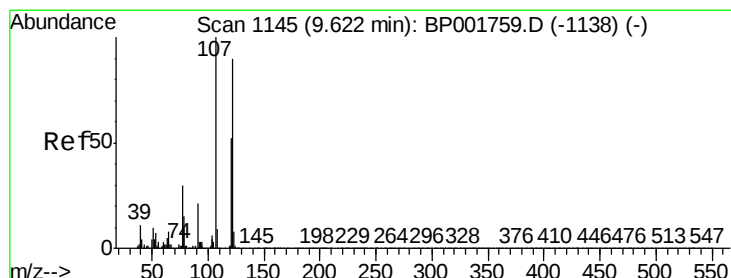
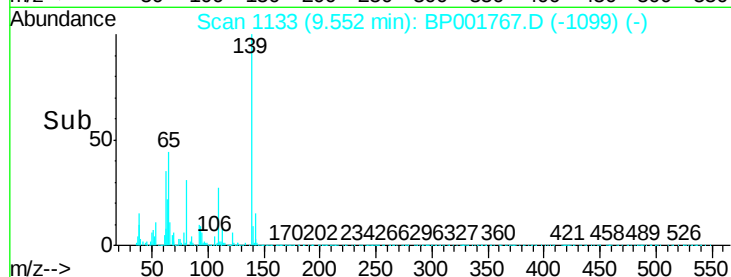
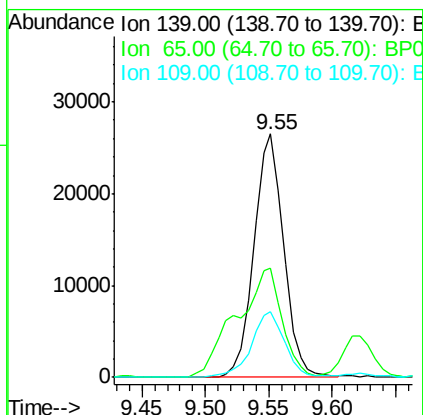
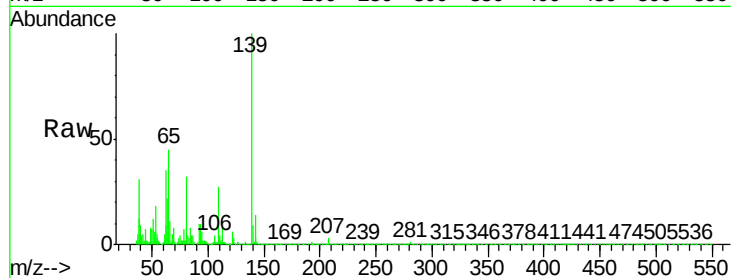
Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

Tot Ion:139 Resp: 43394

Ion	Ratio	Lower	Upper
139	100		
65	44.8	35.0	52.6
109	26.9	20.8	31.2



#24

2,4-Dimethylphenol

Concen: 3.358 ng/ul

RT: 9.62 min Scan# 1145

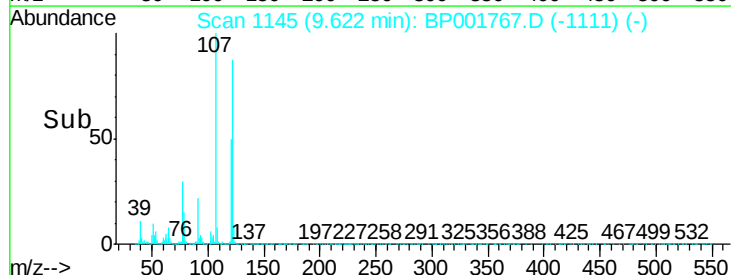
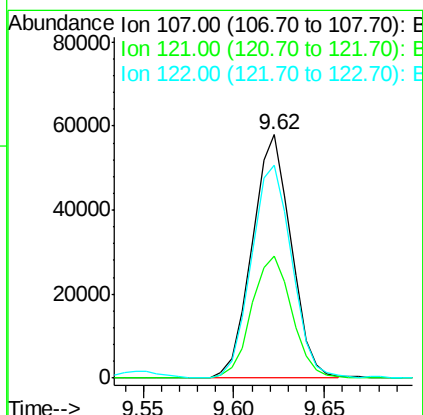
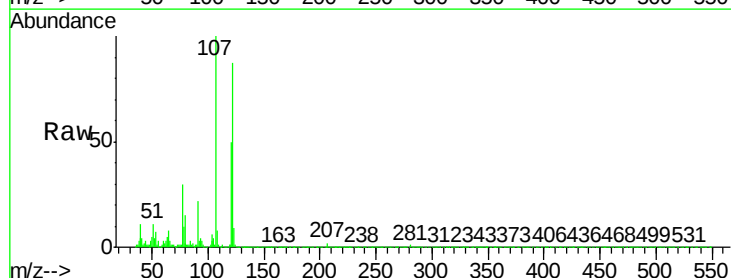
Delta R.T. 0.00 min

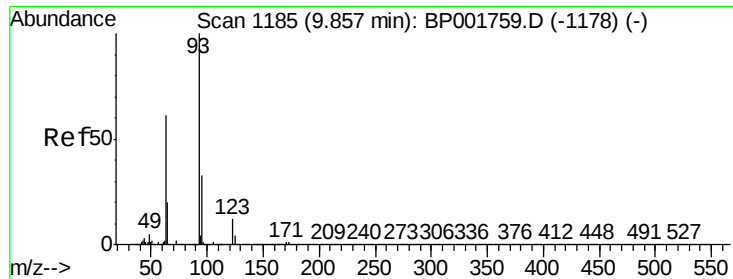
Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Tgt Ion:107 Resp: 86503

Ion	Ratio	Lower	Upper
107	100		
121	50.3	41.8	62.6
122	87.3	72.4	108.6





#25

Bis(2-Chloroethoxy)methane

Concen: 3.445 ng/ul

RT: 9.86 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

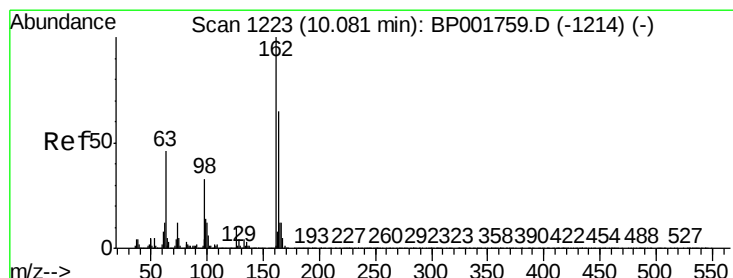
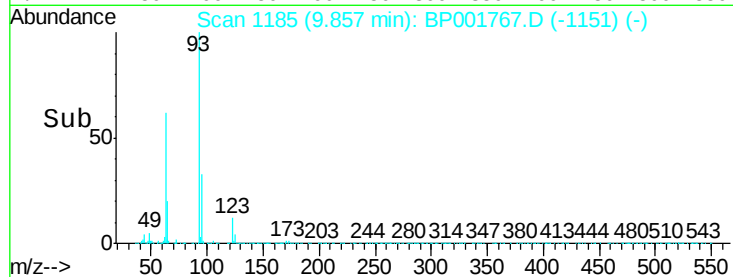
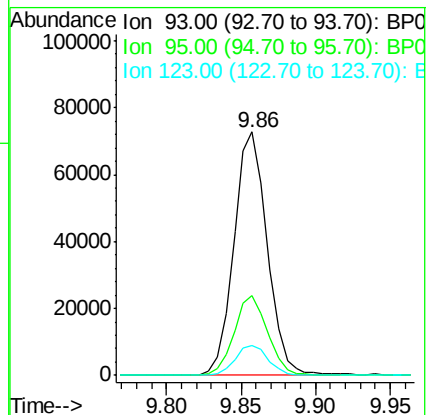
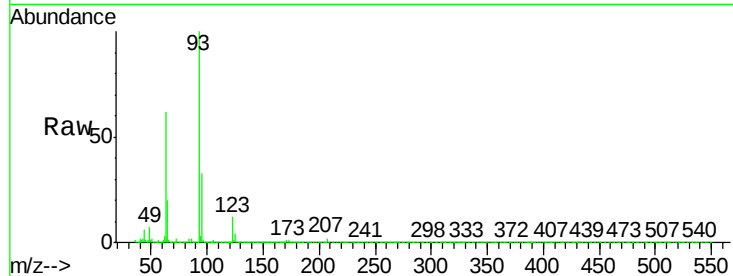
Tot Ion: 93 Resp: 112437

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.2 9.8 14.6



#27

2,4-Dichlorophenol

Concen: 3.524 ng/ul

RT: 10.08 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

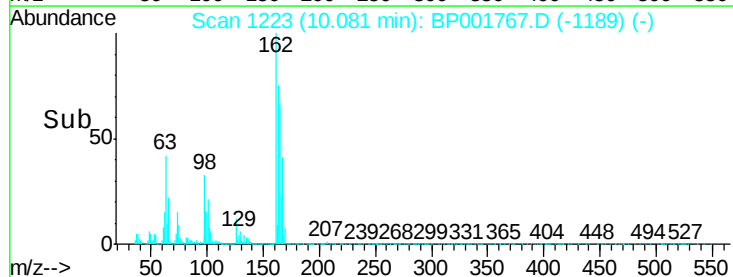
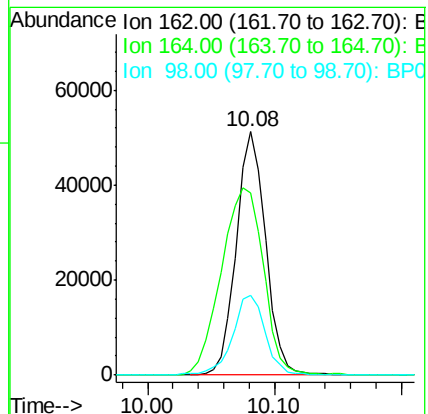
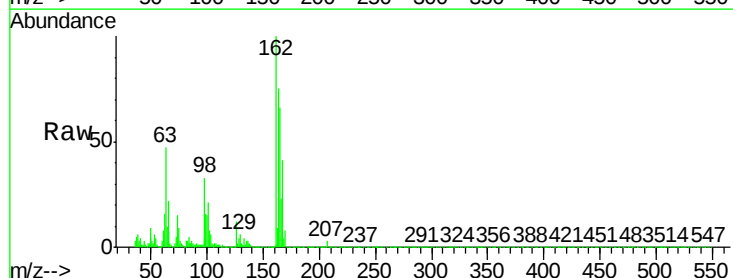
Tgt Ion: 162 Resp: 82332

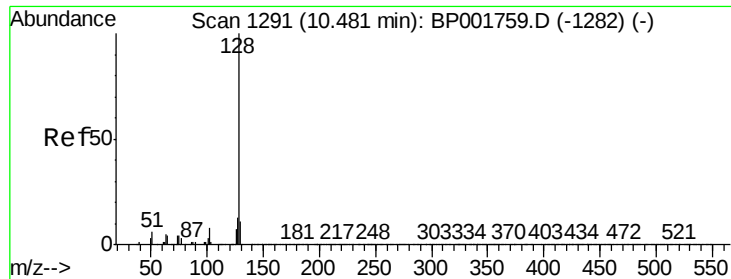
Ion Ratio Lower Upper

162 100

164 75.1 52.3 78.5

98 33.0 26.6 39.8





#28

Naphthalene

Concen: 3.620 ng/ul

RT: 10.48 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

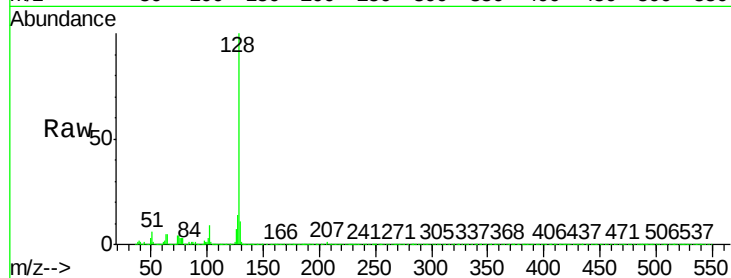
Tot Ion:128 Resp: 302512

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

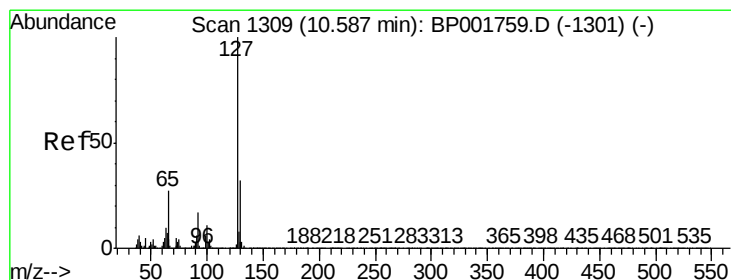
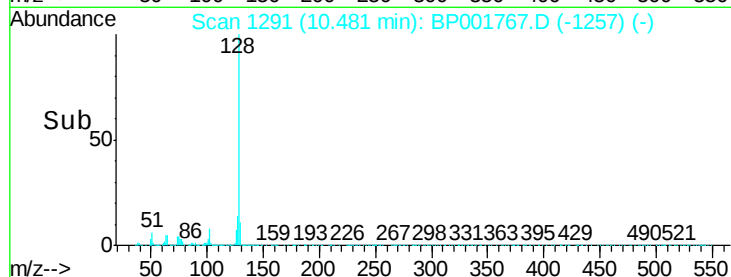
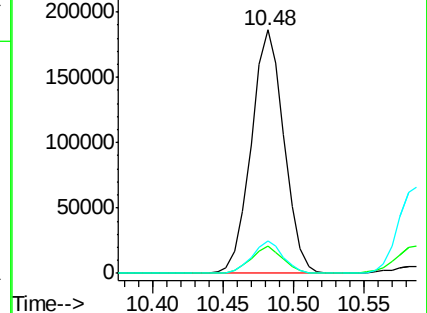
127 13.6 10.2 15.4



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



#30

4-Chloroaniline

Concen: 4.116 ng/ul

RT: 10.59 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BP001767.D

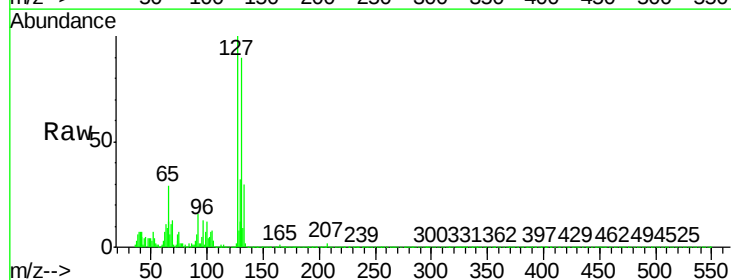
Acq: 18 Feb 2020 19:29

Tgt Ion:127 Resp: 112001

Ion Ratio Lower Upper

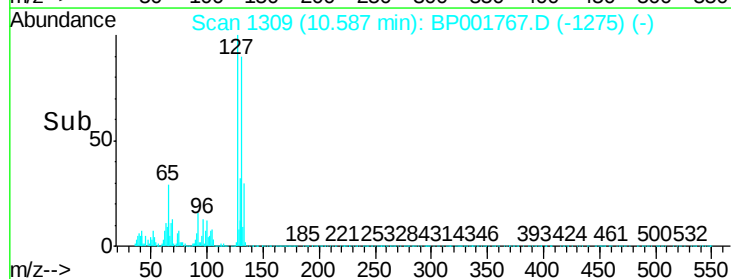
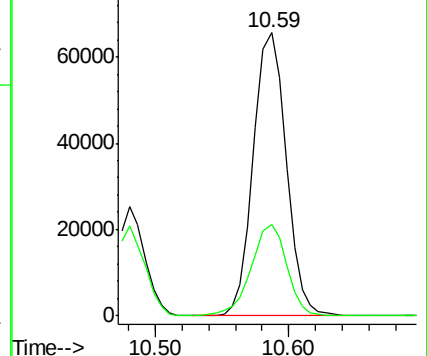
127 100

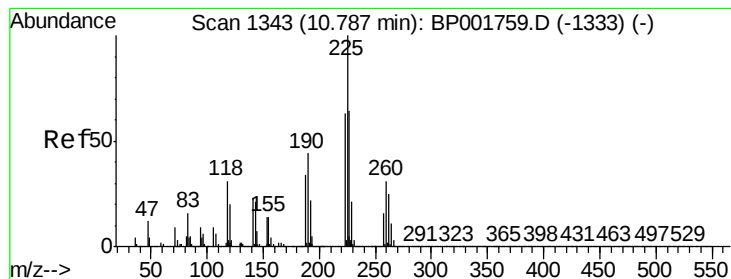
129 32.3 25.8 38.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#31

Hexachlorobutadiene

Concen: 3.501 ng/ul

RT: 10.79 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

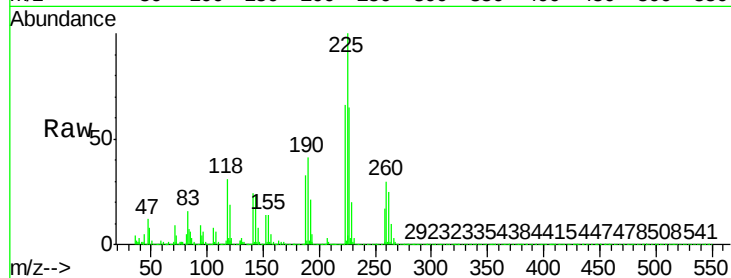
Tot Ion:225 Resp: 57833

Ion Ratio Lower Upper

225 100

223 65.7 50.7 76.1

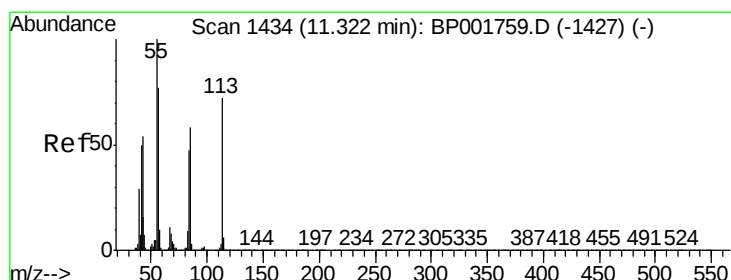
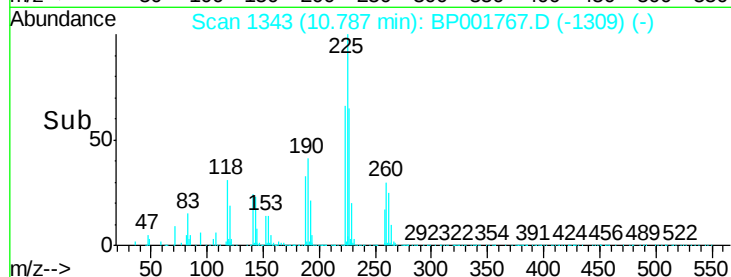
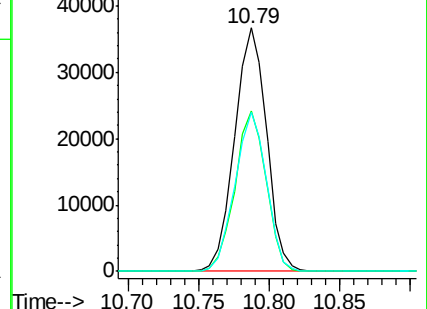
227 65.3 51.3 76.9



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



#32

Caprolactam

Concen: 2.196 ng/ul

RT: 11.35 min Scan# 1438

Delta R.T. 0.02 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

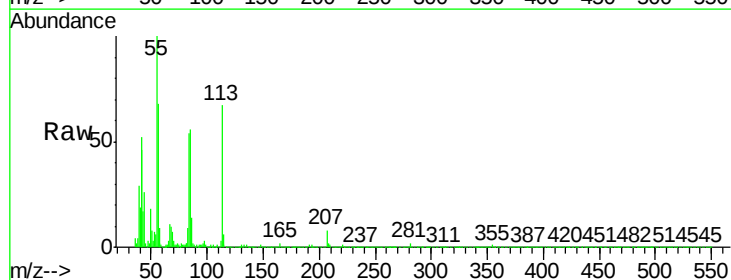
Tgt Ion:113 Resp: 15499

Ion Ratio Lower Upper

113 100

55 148.2 111.0 166.6

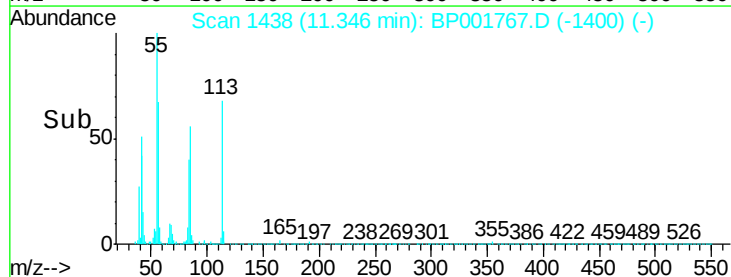
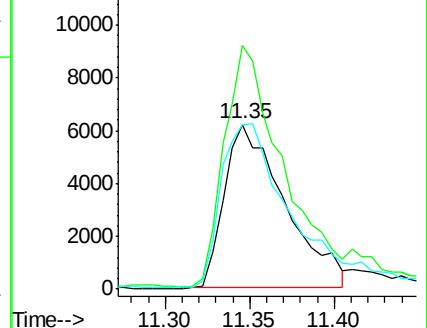
56 100.2 86.2 129.2

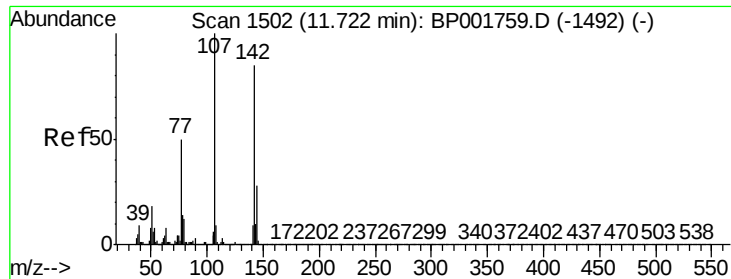


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0

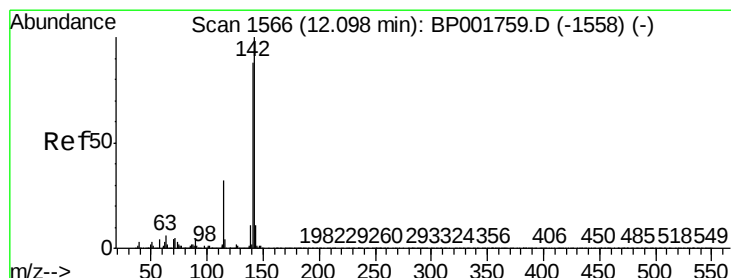
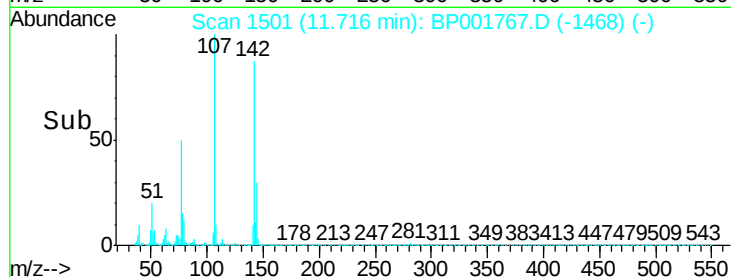
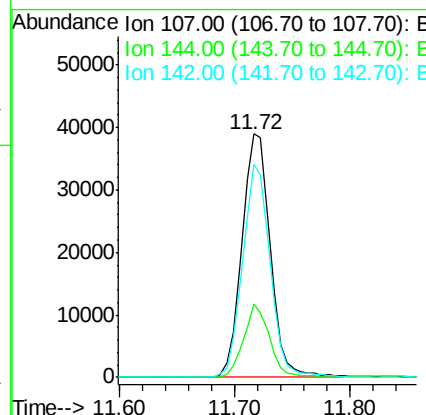
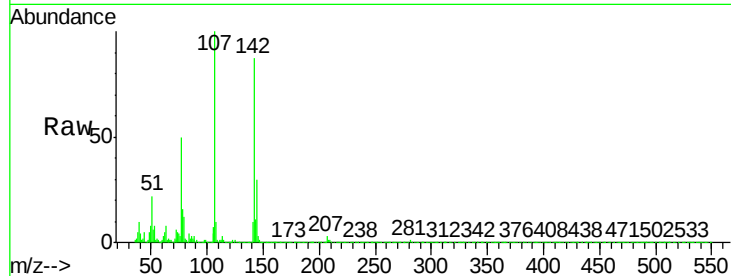




#33
 4-Chloro-3-methylphenol
 Concen: 2.980 ng/ul
 RT: 11.72 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

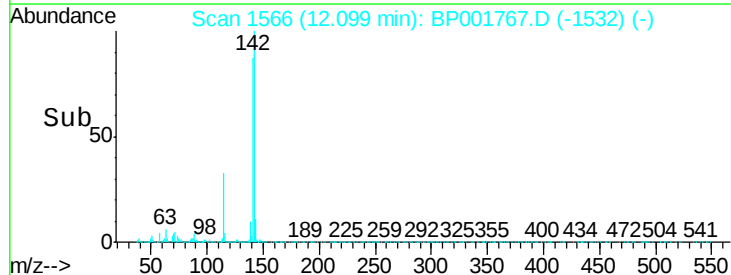
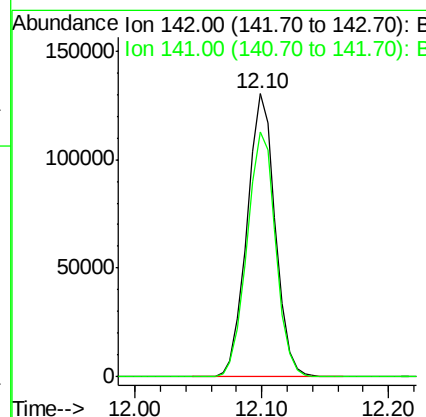
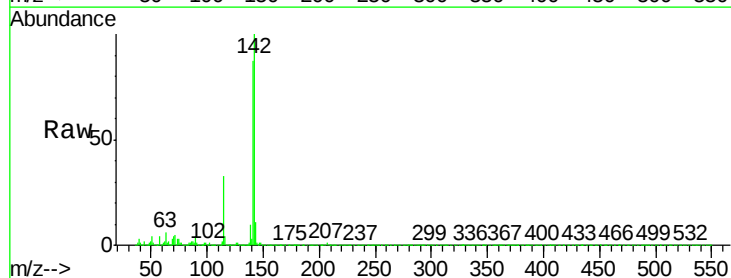
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

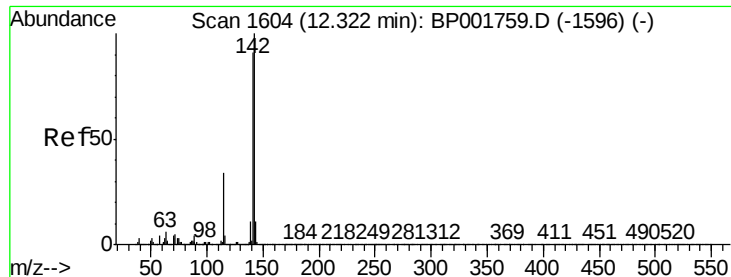
Tot Ion:107 Resp: 66298
 Ion Ratio Lower Upper
 107 100
 144 30.3 22.3 33.5
 142 87.3 68.2 102.4



#34
 2-Methylnaphthalene
 Concen: 3.493 ng/ul
 RT: 12.10 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

Tgt Ion:142 Resp: 201224
 Ion Ratio Lower Upper
 142 100
 141 86.6 70.2 105.4





#35

1-Methylnaphthalene

Concen: 3.769 ng/ul

RT: 12.32 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

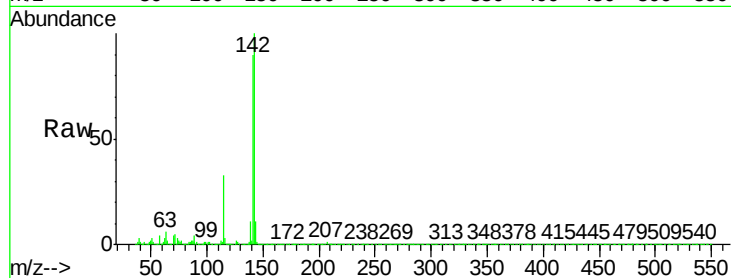
Tot Ion:142 Resp: 213962

Ion Ratio Lower Upper

142 100

141 89.5 73.2 109.8

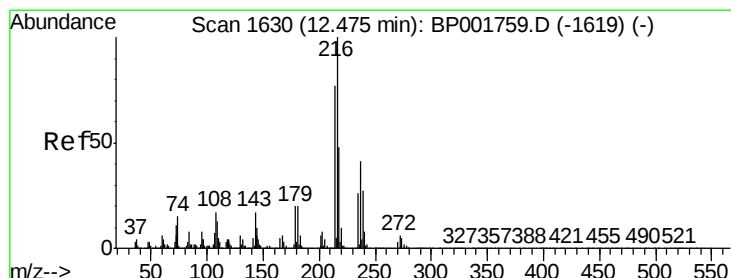
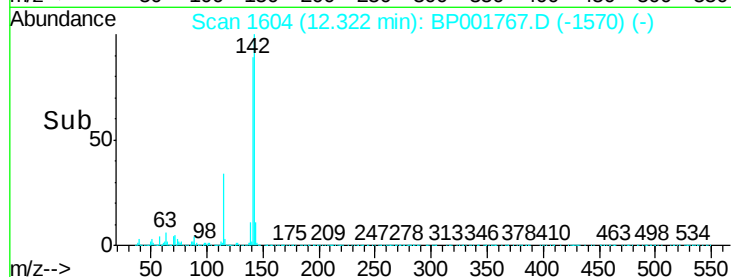
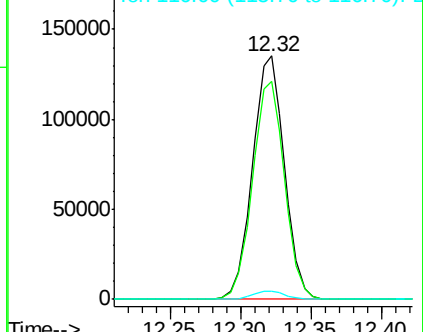
116 3.3 2.9 4.3



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



#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.553 ng/ul

RT: 12.48 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Tgt Ion:216 Resp: 112203

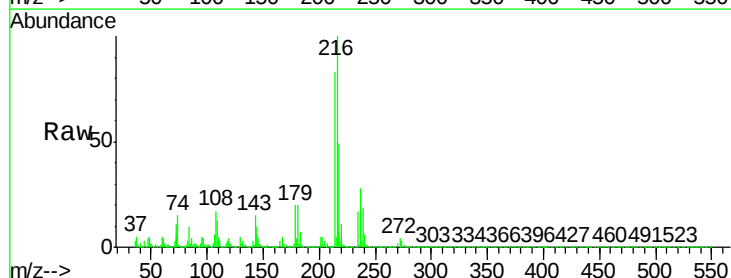
Ion Ratio Lower Upper

216 100

214 82.8 61.8 92.8

179 19.7 16.2 24.2

108 17.0 13.7 20.5

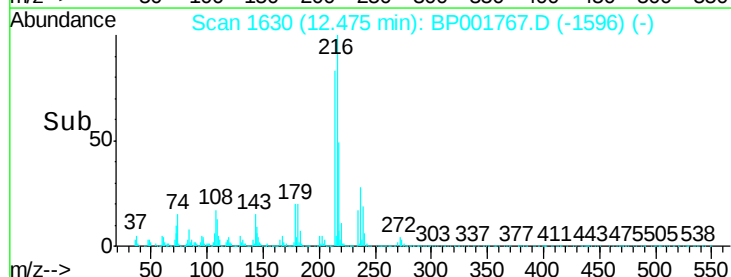
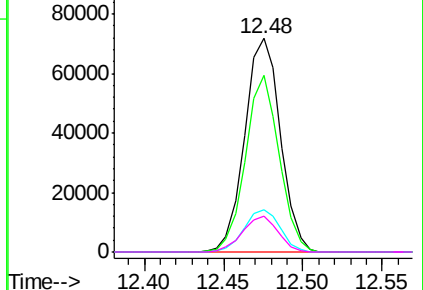


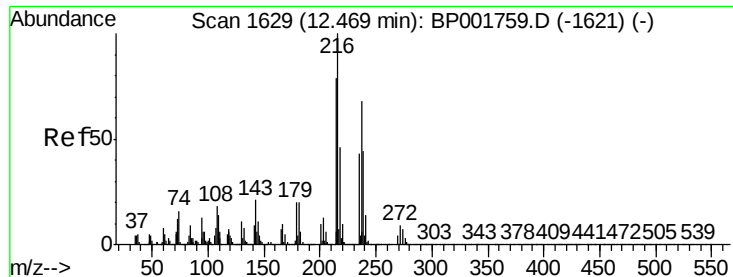
Abundance Ion 216.00 (215.70 to 216.70): E

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

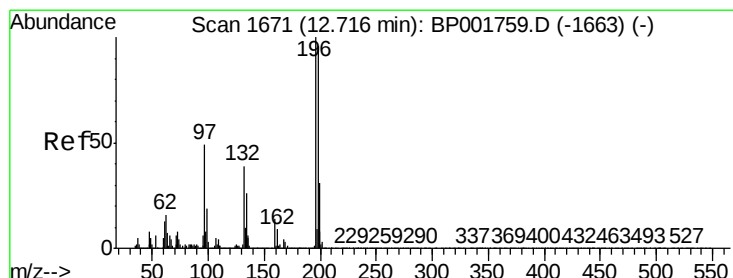
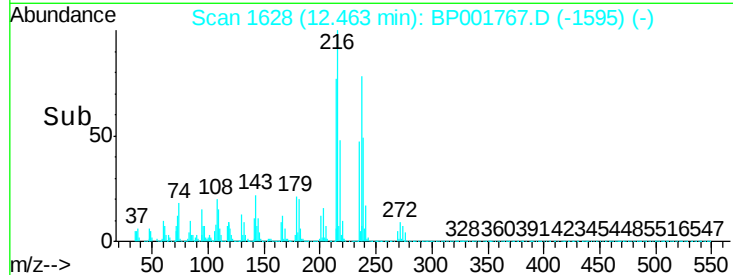
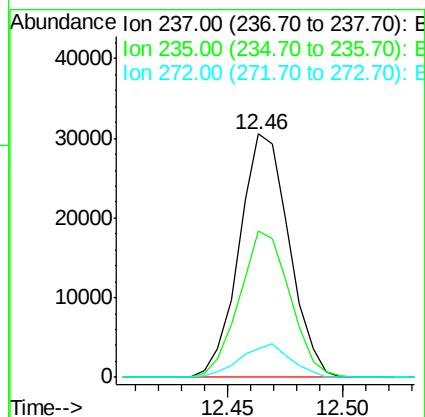
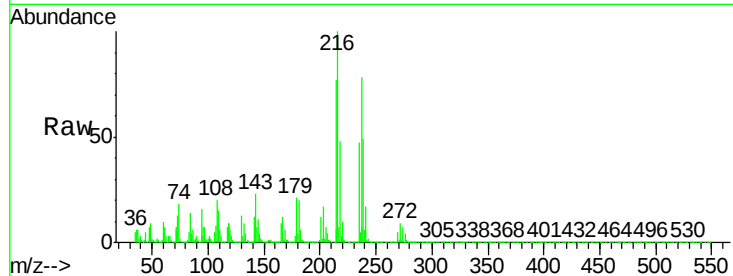




#38
Hexachlorocyclopentadiene
Concen: 2.687 ng/ul
RT: 12.46 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

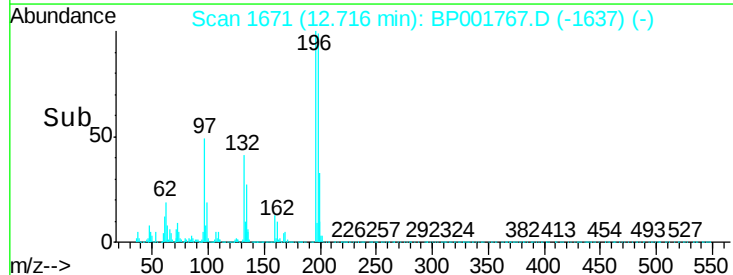
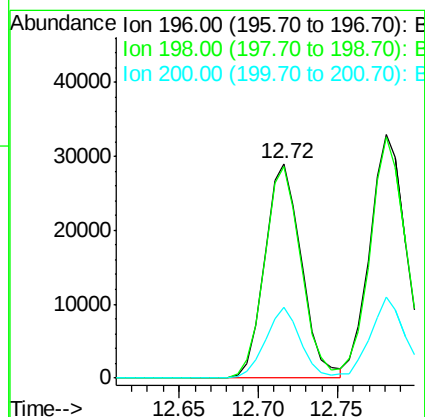
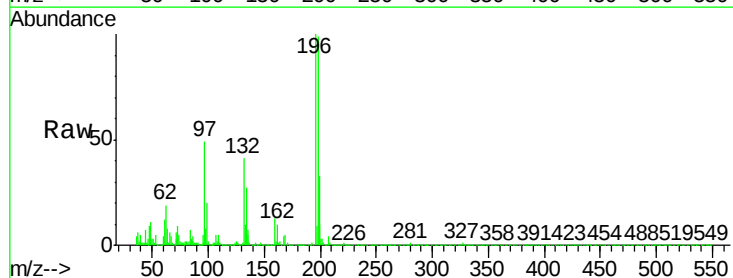
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

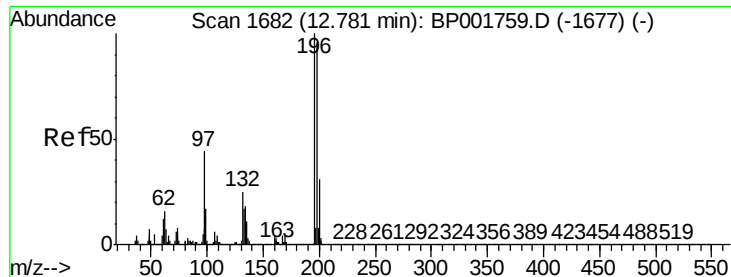
Tot Ion	Ratio	Lower	Upper
237	100		
235	60.1	50.2	75.4
272	11.9	10.7	16.1



#39
2,4,6-Trichlorophenol
Concen: 2.762 ng/ul
RT: 12.72 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	76.6	115.0
200	32.9	24.6	37.0

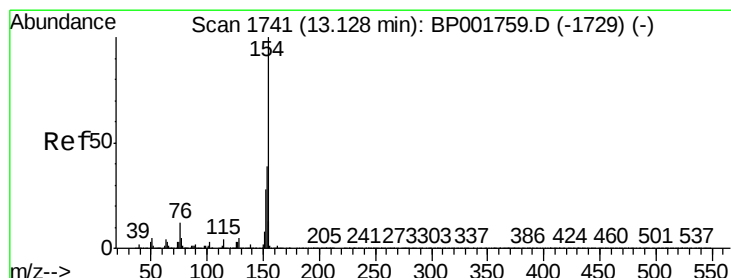
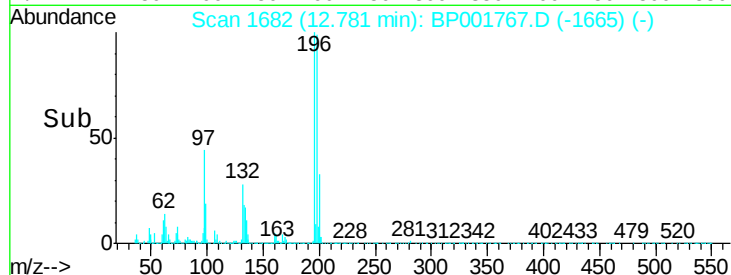
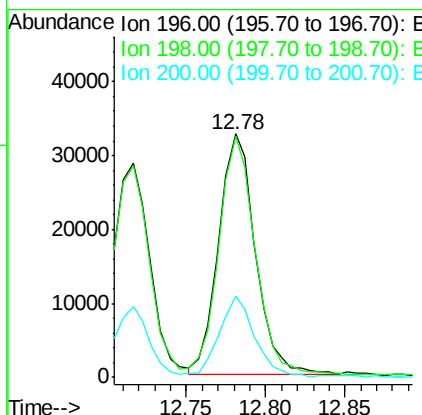
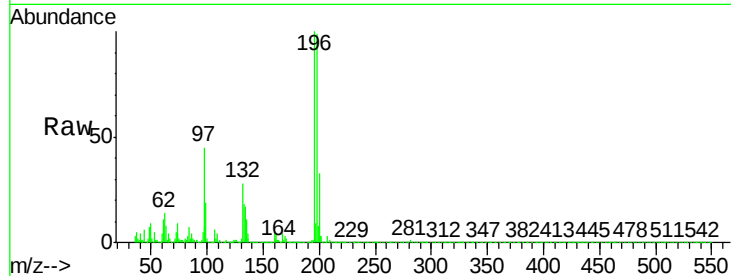




#40
 2,4,5-Trichlorophenol
 Concen: 2.800 ng/ul
 RT: 12.78 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

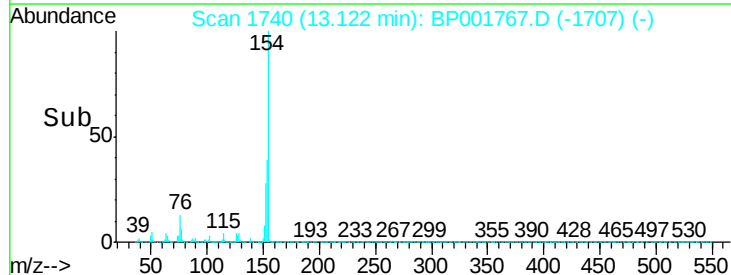
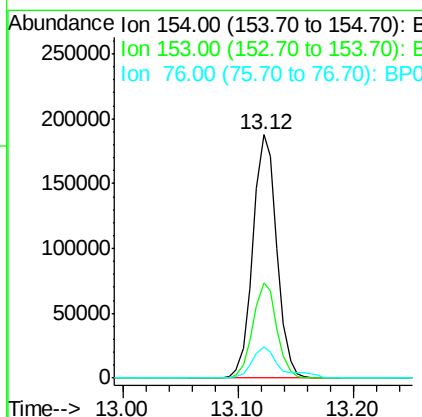
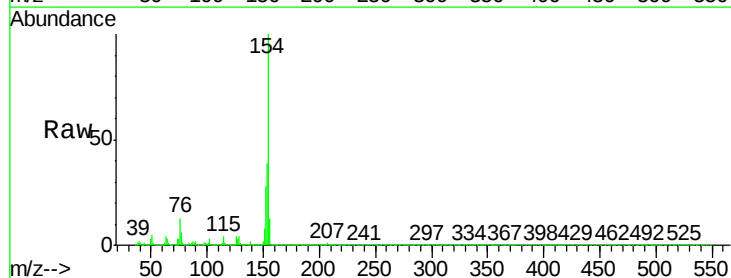
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

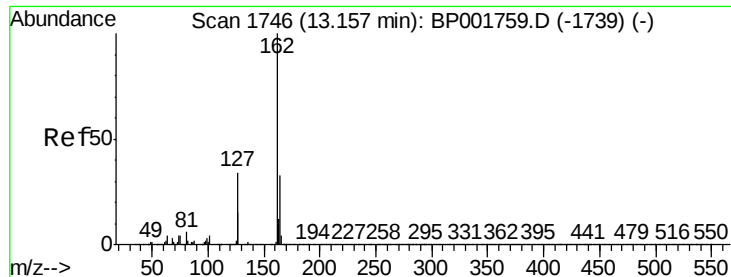
Tot Ion:196 Resp: 52031
 Ion Ratio Lower Upper
 196 100
 198 99.2 77.2 115.8
 200 33.4 24.7 37.1



#41
 1,1'-Biphenyl
 Concen: 3.584 ng/ul
 RT: 13.12 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

Tgt Ion:154 Resp: 270862
 Ion Ratio Lower Upper
 154 100
 153 39.3 31.5 47.3
 76 12.8 9.4 14.2

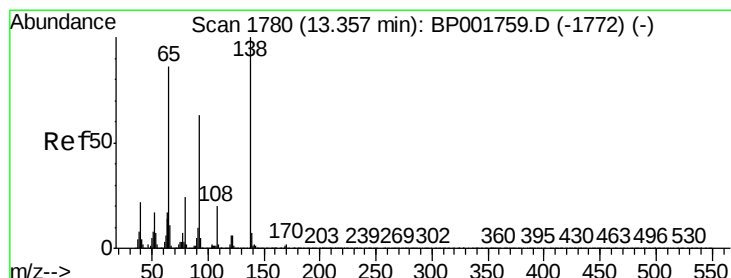
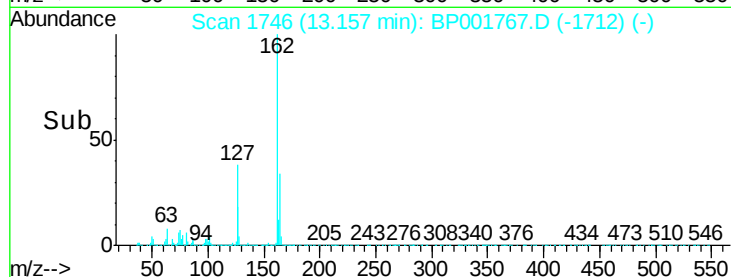
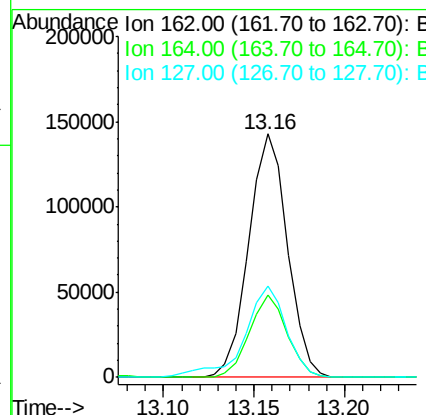
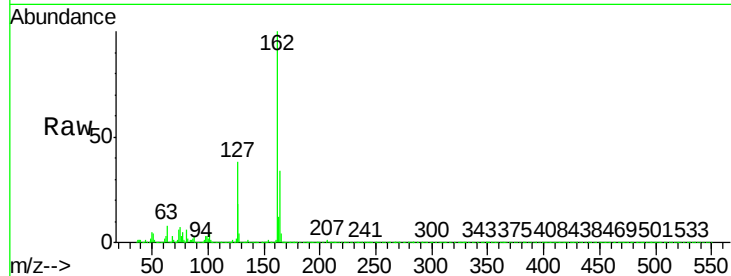




#42
2-Chloronaphthalene
Concen: 3.541 ng/ul
RT: 13.16 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

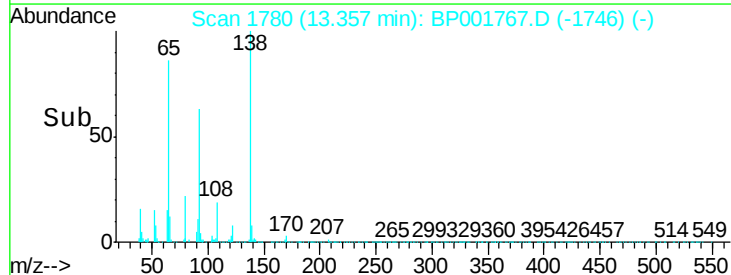
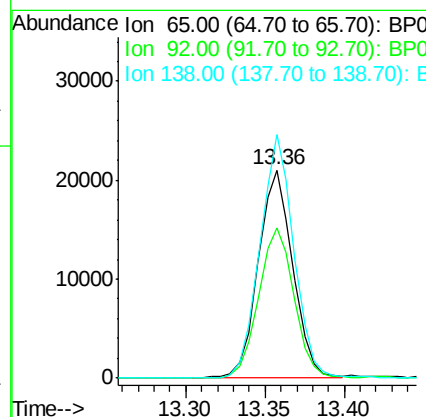
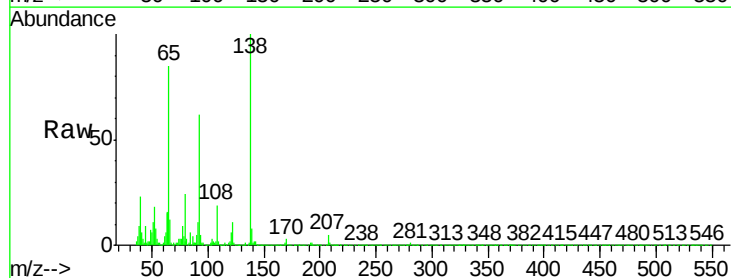
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

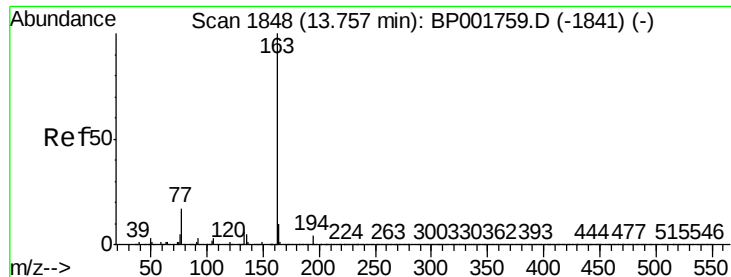
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.9	26.4	39.6
127	37.5	29.7	44.5



#43
2-Nitroaniline
Concen: 2.647 ng/ul
RT: 13.36 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	59.1	88.7
138	117.2	93.4	140.0





#45

Dimethylphthalate

Concen: 3.586 ng/ul

RT: 13.76 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

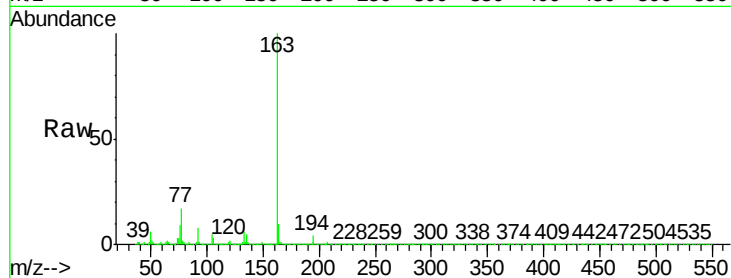
Tot Ion:163 Resp: 256813

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

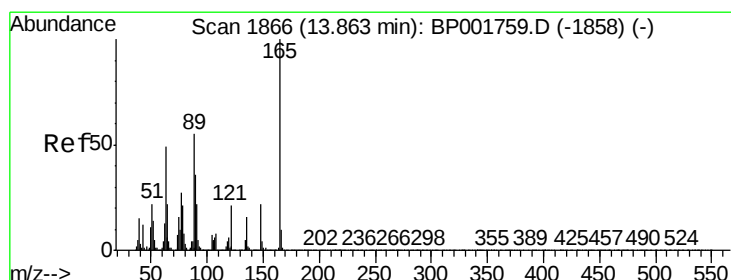
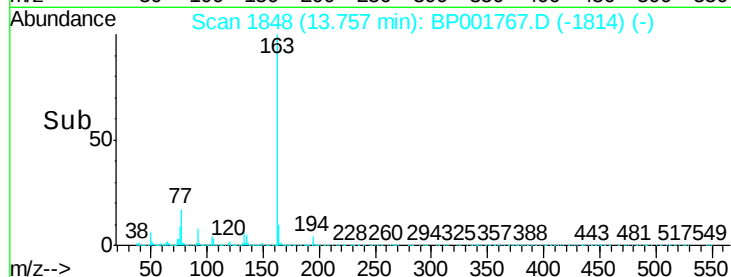
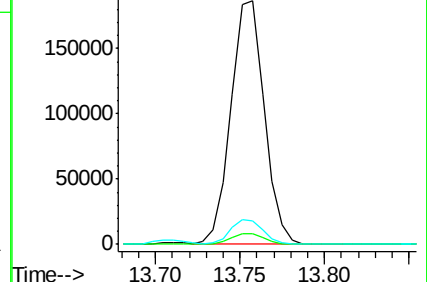
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46

2,6-Dinitrotoluene

Concen: 2.505 ng/ul

RT: 13.86 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

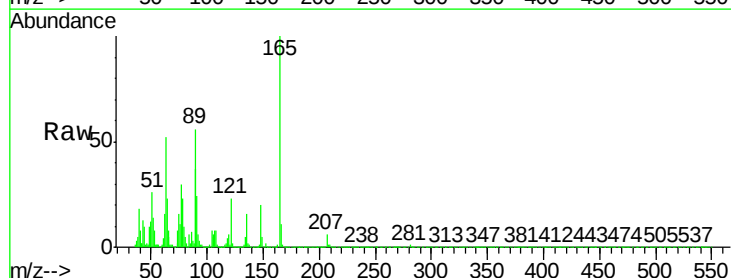
Tgt Ion:165 Resp: 31260

Ion Ratio Lower Upper

165 100

89 55.9 43.9 65.9

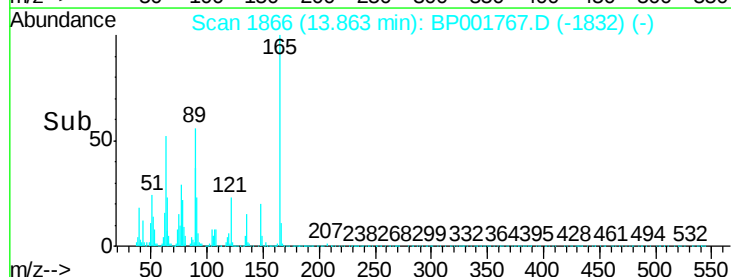
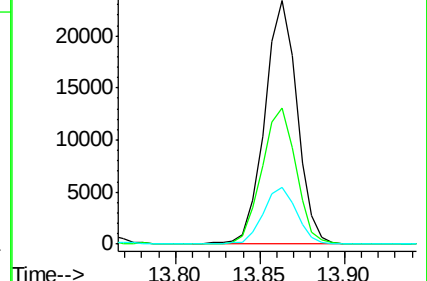
121 23.1 16.7 25.1

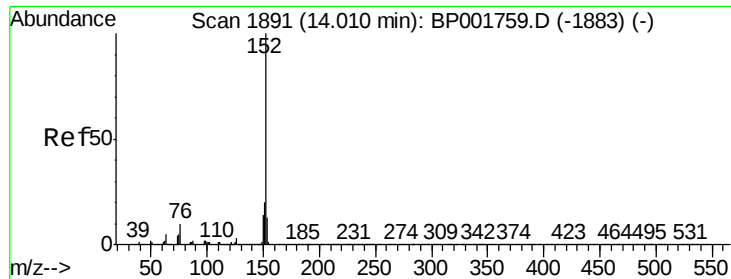


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BP0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 3.643 ng/ul

RT: 14.01 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

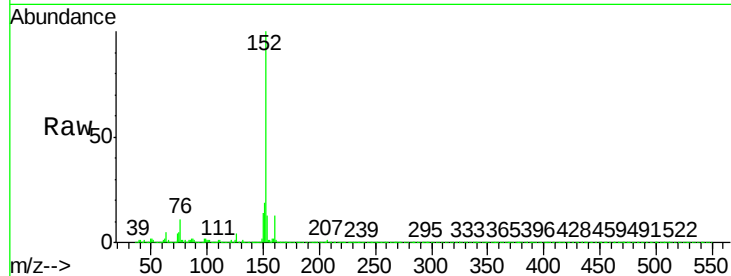
Tot Ion:152 Resp: 331101

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

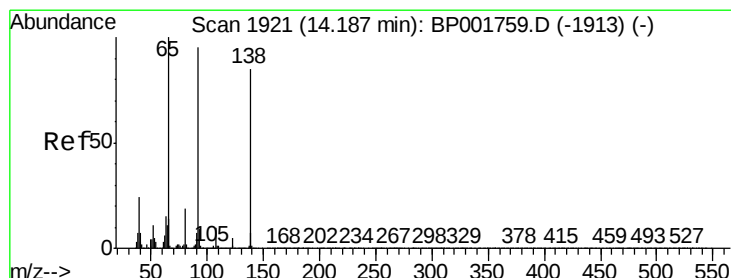
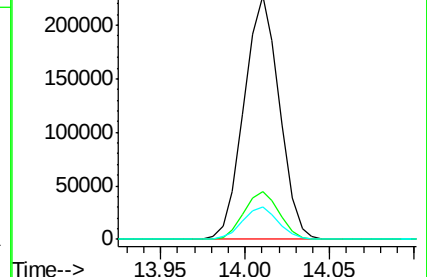
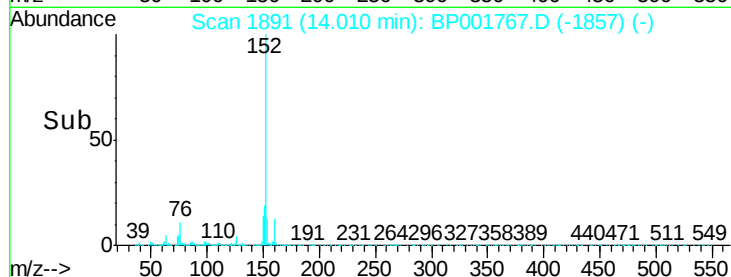
153 13.2 10.7 16.1



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



#49

3-Nitroaniline

Concen: 2.762 ng/ul

RT: 14.19 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

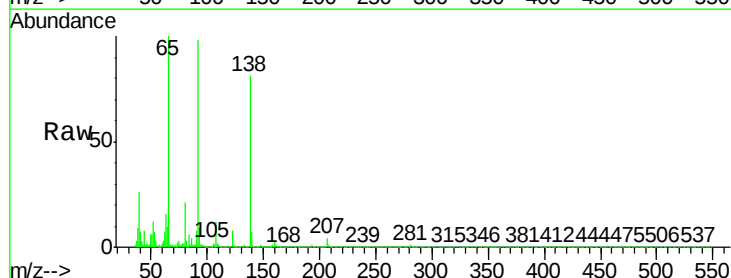
Tgt Ion:138 Resp: 35094

Ion Ratio Lower Upper

138 100

108 15.2 9.9 14.9#

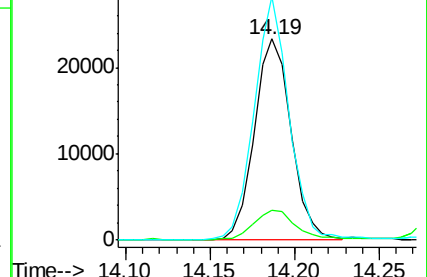
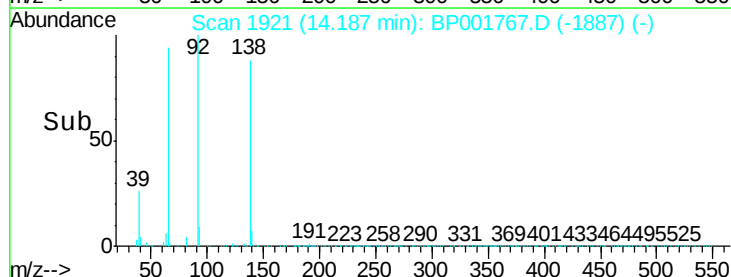
92 121.2 88.9 133.3

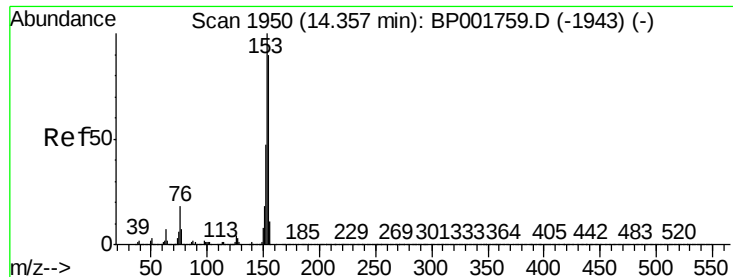


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0





#50

Acenaphthene

Concen: 3.561 ng/ul

RT: 14.36 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

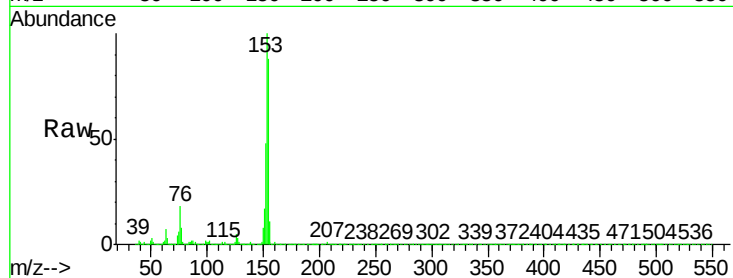
Tot Ion:153 Resp: 221159

Ion Ratio Lower Upper

153 100

152 47.6 37.8 56.8

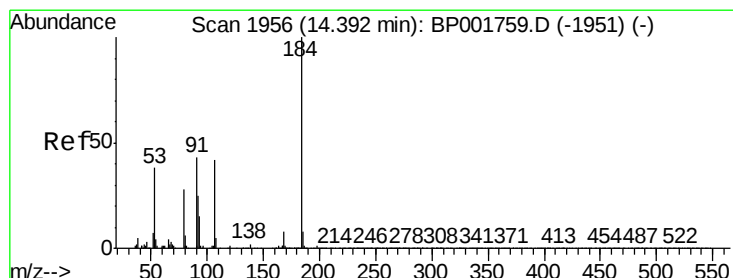
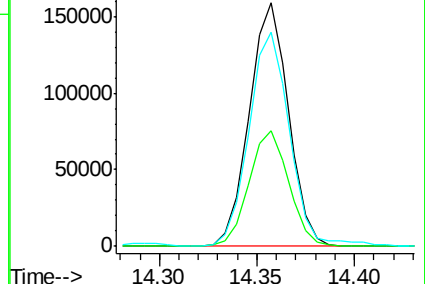
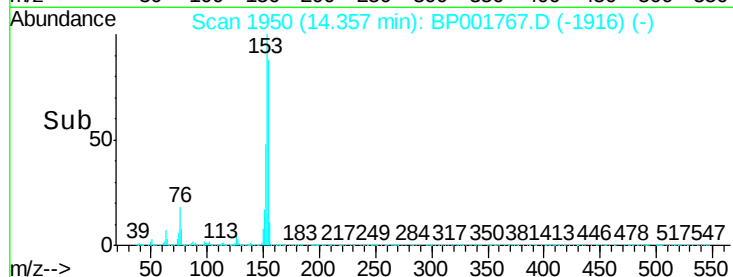
154 88.1 71.9 107.9



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



#51

2,4-Dinitrophenol

Concen: 1.700 ng/ul

RT: 14.39 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

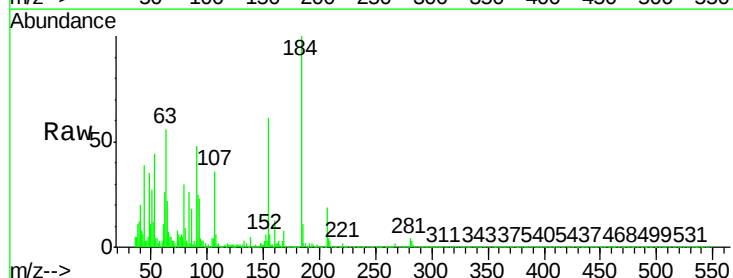
Tgt Ion:184 Resp: 8806

Ion Ratio Lower Upper

184 100

63 56.1 45.9 68.9

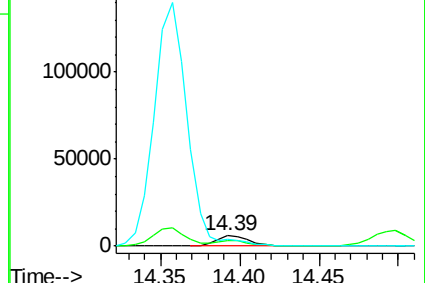
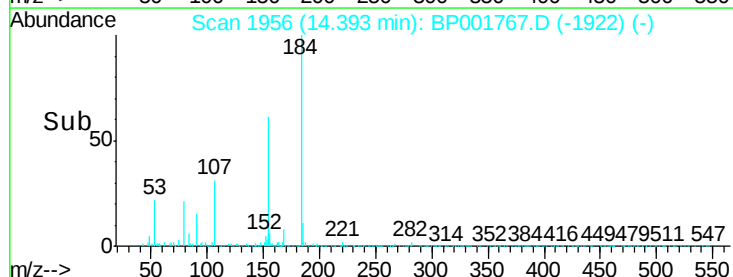
154 61.0 47.3 70.9

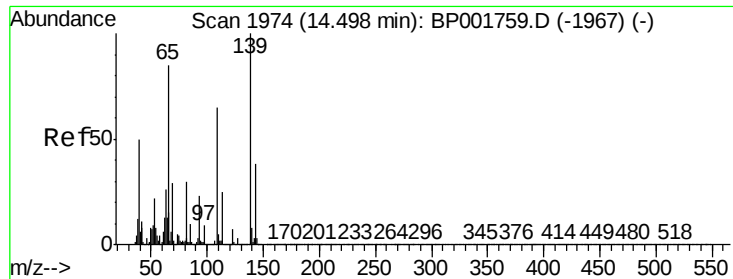


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 3.278 ng/ul

RT: 14.50 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

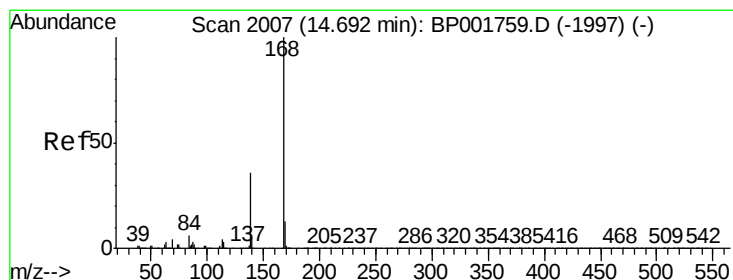
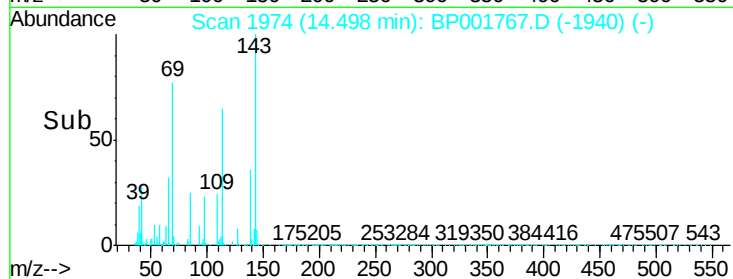
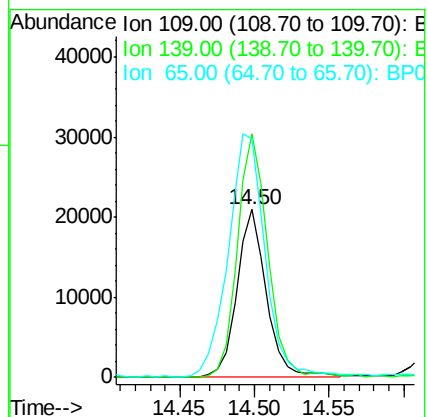
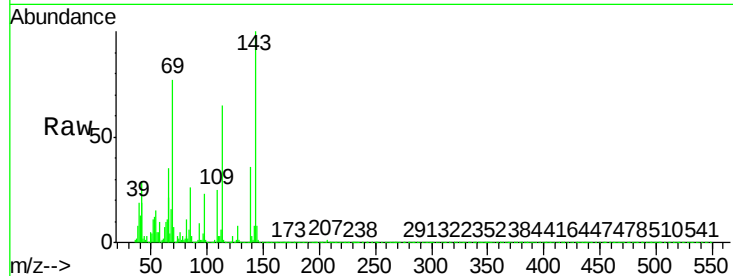
Tot Ion:109 Resp: 28756

Ion Ratio Lower Upper

109 100

139 145.2 123.1 184.7

65 142.1 105.0 157.6



#54

Dibenzofuran

Concen: 3.667 ng/ul

RT: 14.69 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BP001767.D

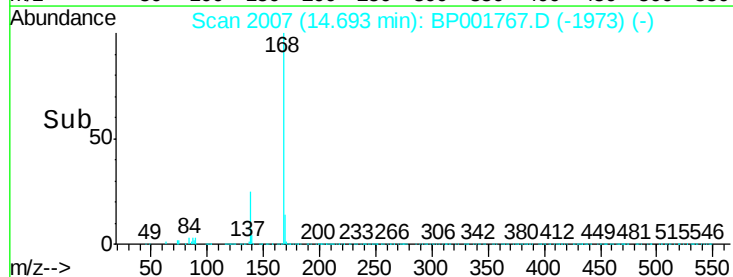
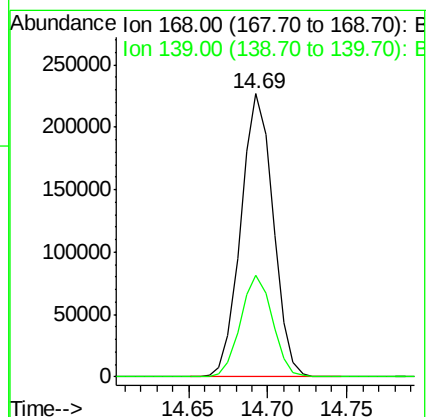
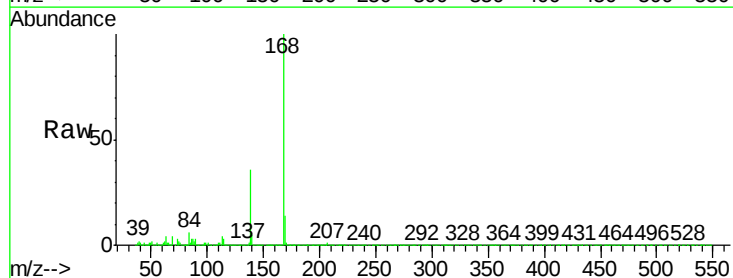
Acq: 18 Feb 2020 19:29

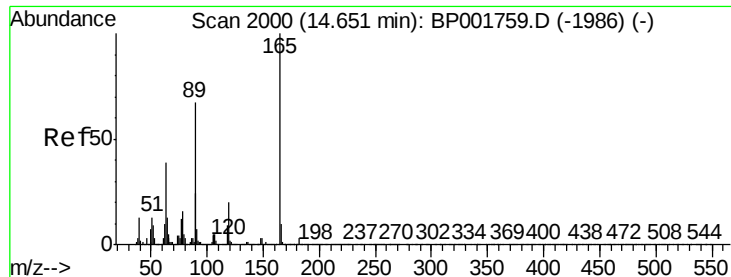
Tgt Ion:168 Resp: 320772

Ion Ratio Lower Upper

168 100

139 35.9 28.6 43.0

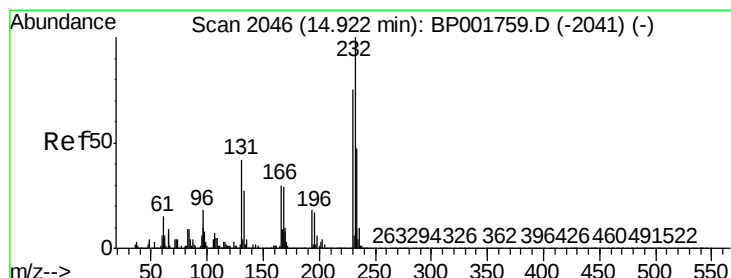
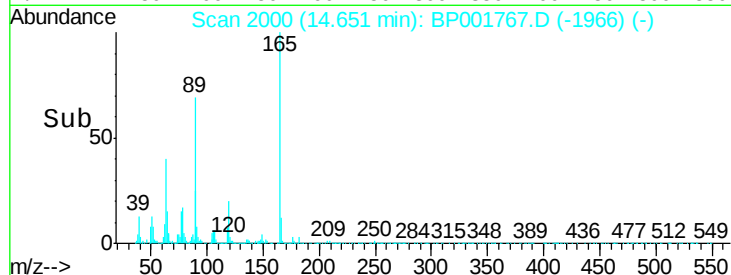
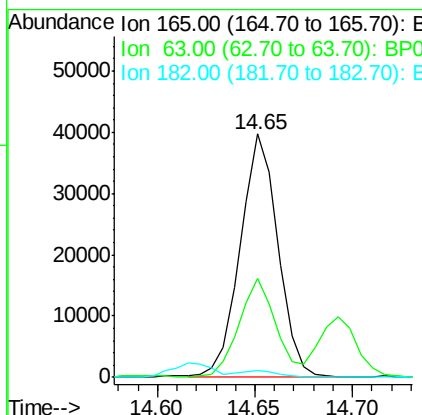
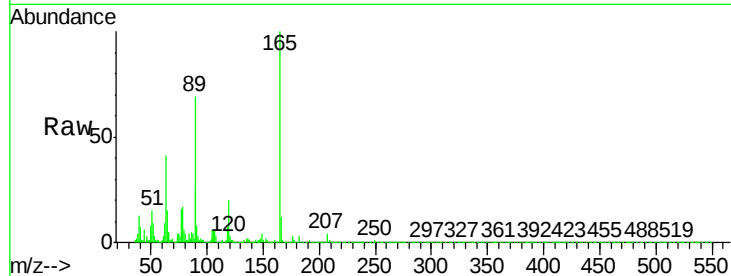




#55
 2,4-Dinitrotoluene
 Concen: 2.879 ng/ul
 RT: 14.65 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

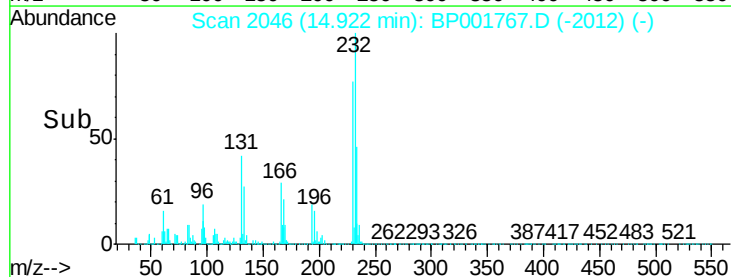
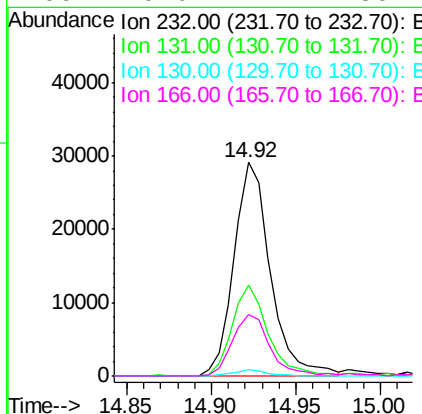
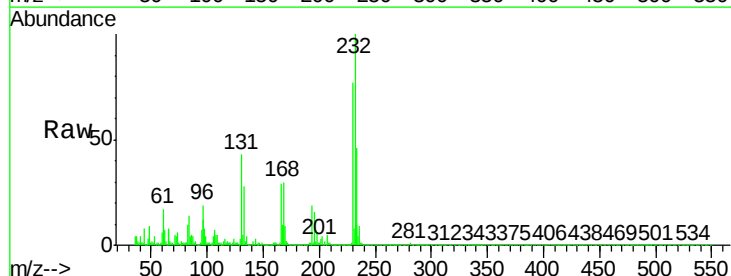
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

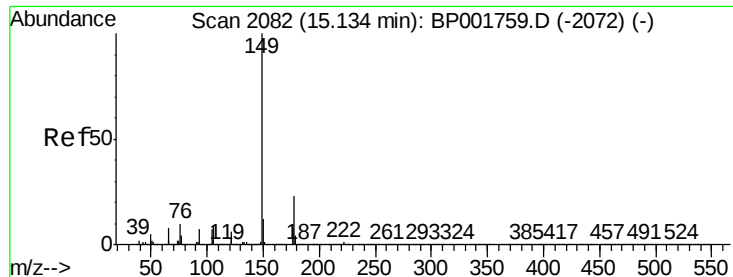
Tot Ion:165 Resp: 52909
 Ion Ratio Lower Upper
 165 100
 63 40.9 31.0 46.6
 182 3.0 2.4 3.6



#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.897 ng/ul
 RT: 14.92 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

Tgt Ion:232 Resp: 43514
 Ion Ratio Lower Upper
 232 100
 131 42.6 34.1 51.1
 130 2.8 1.8 2.6#
 166 29.0 24.2 36.4

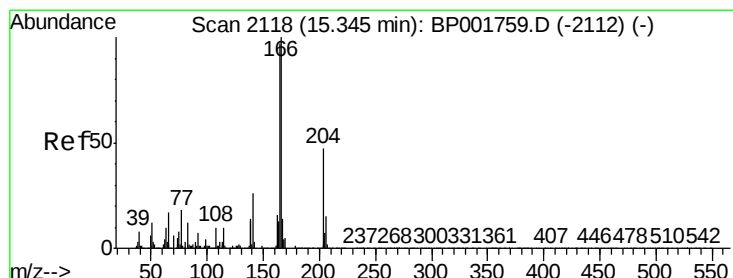
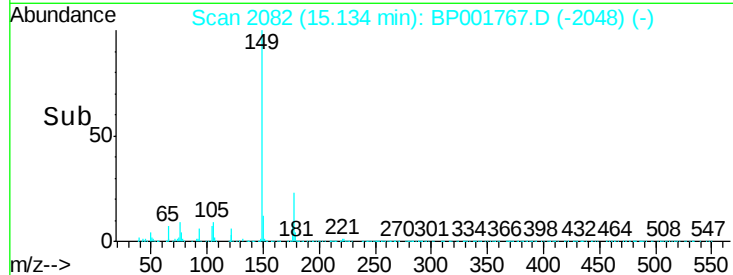
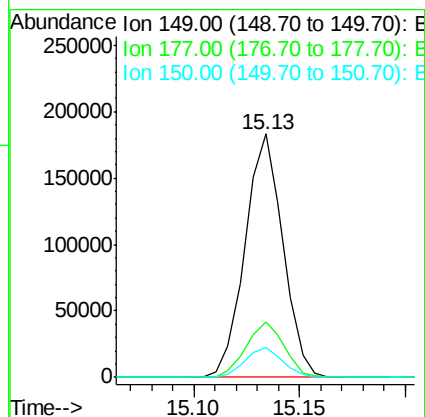
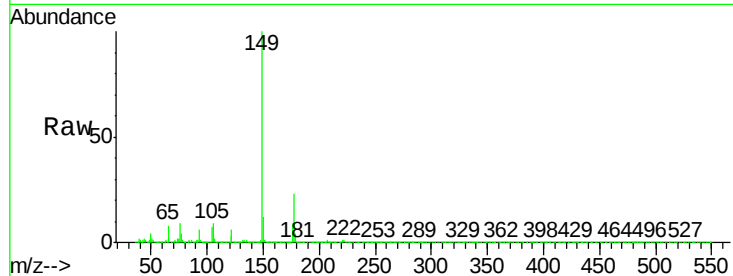




#57
Diethylphthalate
Concen: 3.321 ng/ul
RT: 15.13 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

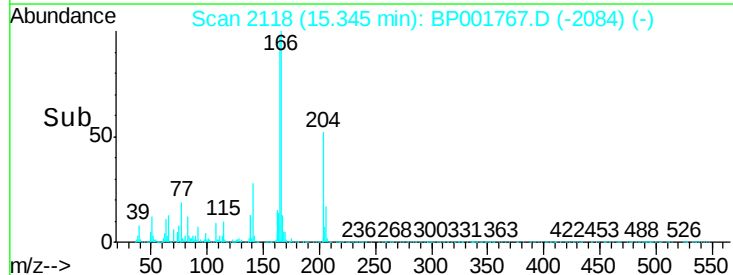
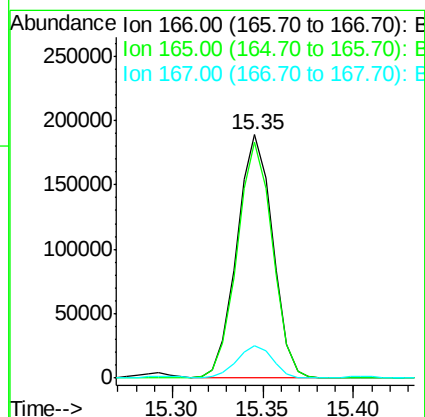
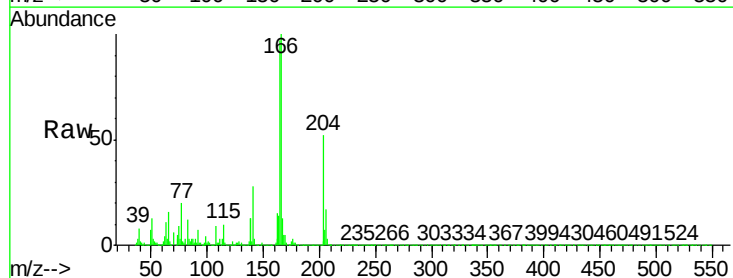
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

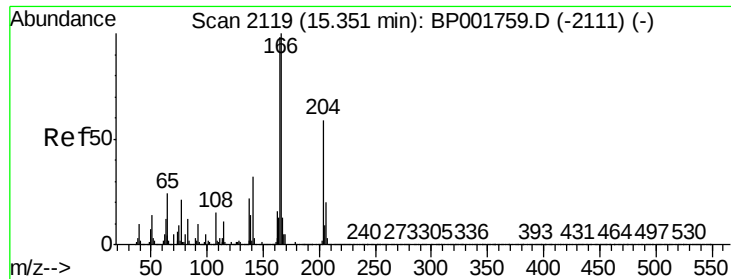
Tot Ion:149 Resp: 227407
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.5 9.8 14.8



#59
Fluorene
Concen: 3.729 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:166 Resp: 259451
Ion Ratio Lower Upper
166 100
165 96.9 77.3 115.9
167 13.4 11.0 16.6

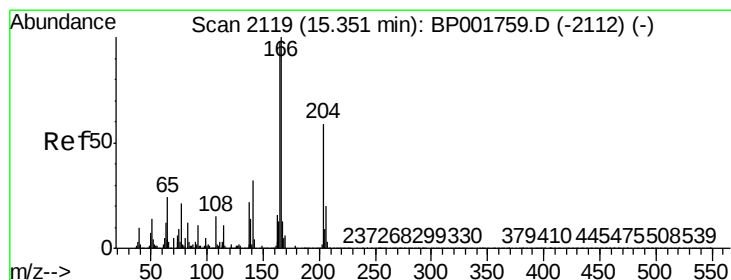
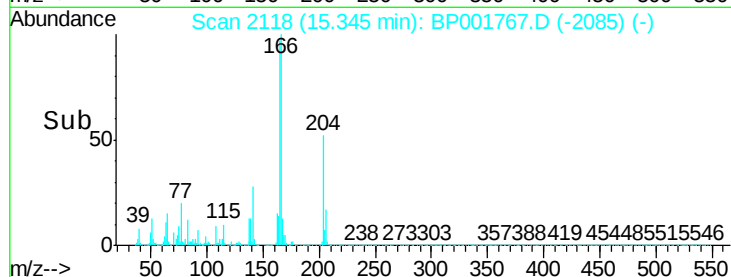
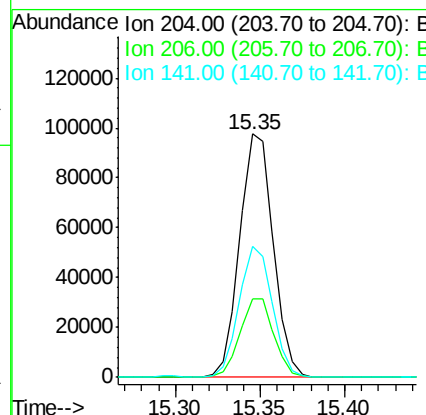
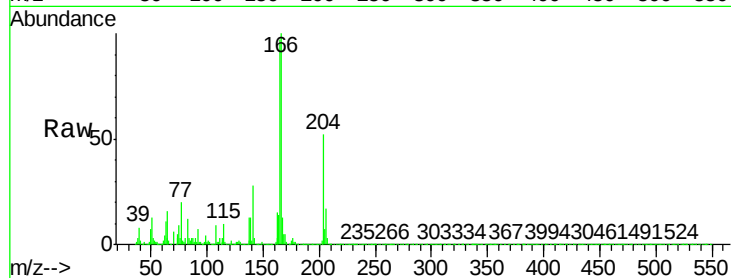




#60
4-Chlorophenyl-phenylether
Concen: 3.743 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

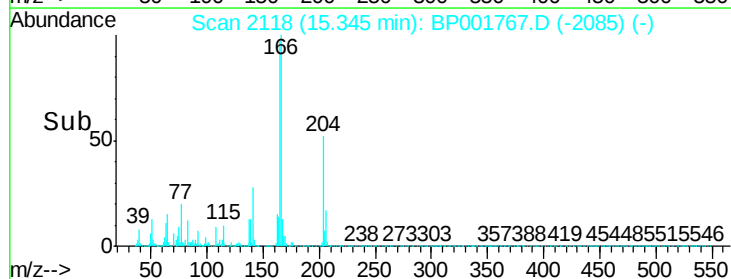
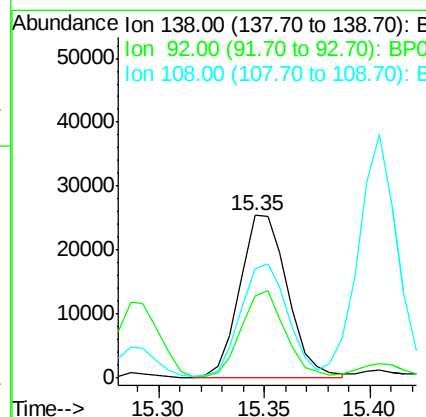
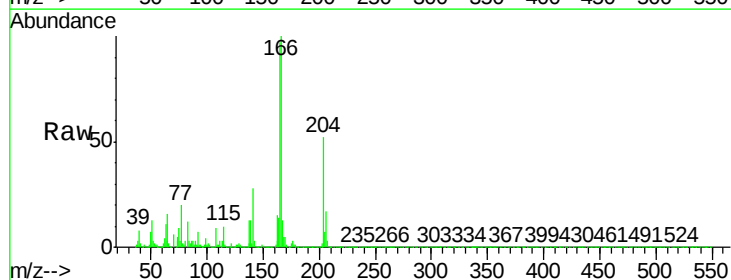
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

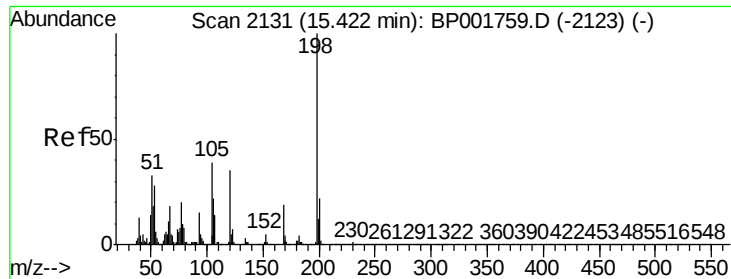
Tot Ion:204 Resp: 135171
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 54.0 43.1 64.7



#61
4-Nitroaniline
Concen: 2.781 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:138 Resp: 39899
Ion Ratio Lower Upper
138 100
92 50.5 38.4 57.6
108 67.1 53.8 80.6





#64

4,6-Dinitro-2-methylphenol

Concen: 3.067 ng/ul

RT: 15.42 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

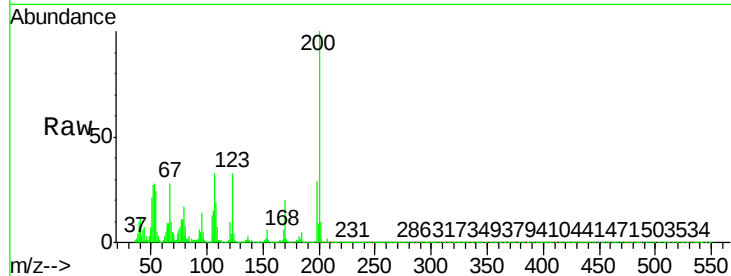
Tot Ion:198 Resp: 28350

Ion Ratio Lower Upper

198 100

182 10.5 3.0 4.6#

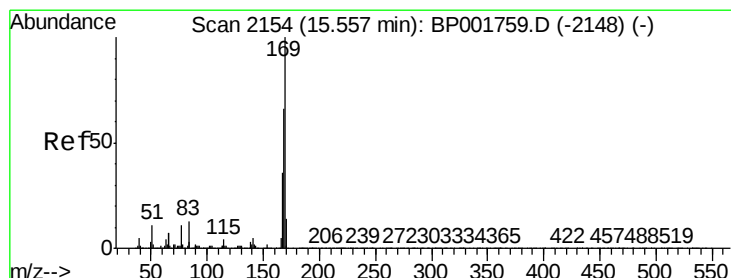
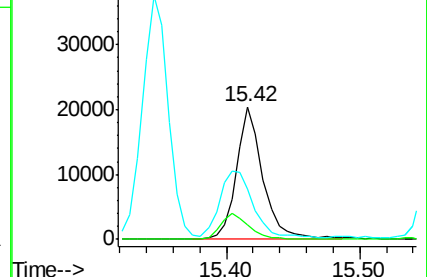
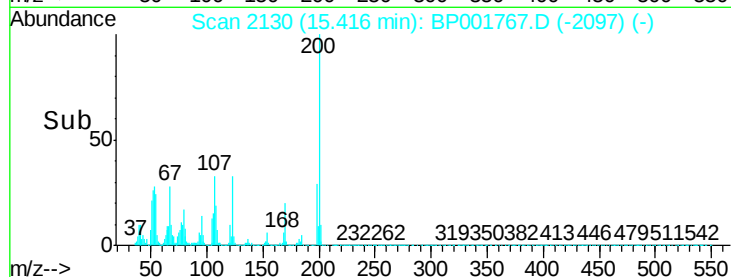
77 37.7 17.3 25.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BPO



#65

N-Nitrosodiphenylamine

Concen: 3.425 ng/ul

RT: 15.56 min Scan# 2154

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

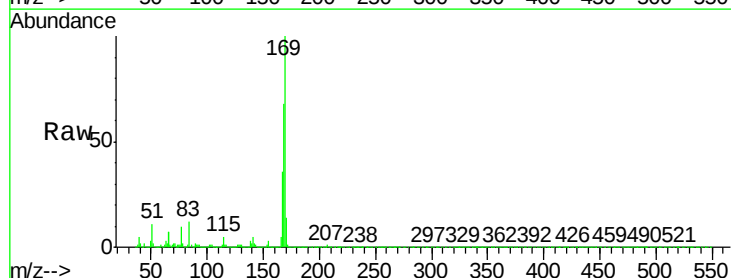
Tgt Ion:169 Resp: 206464

Ion Ratio Lower Upper

169 100

168 68.0 52.9 79.3

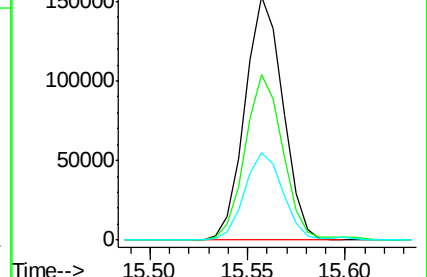
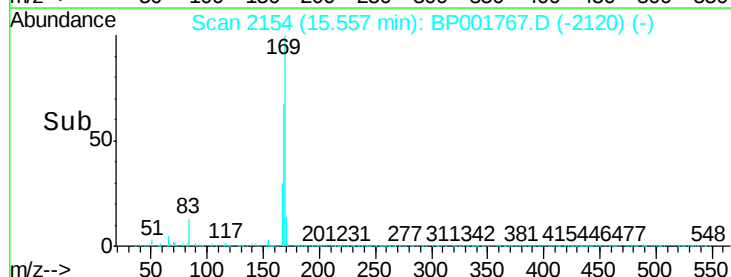
167 36.0 28.9 43.3

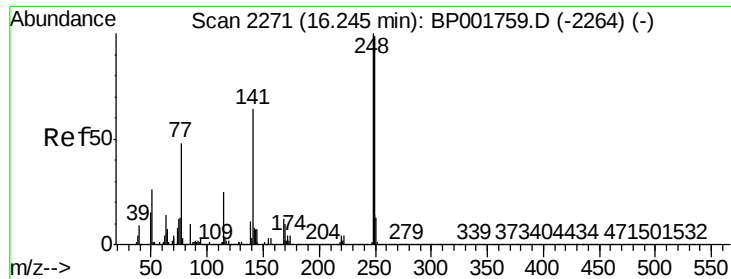


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

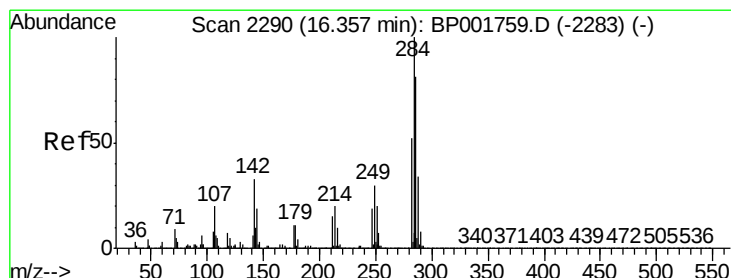
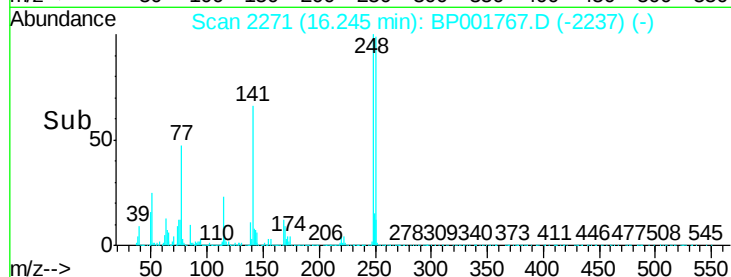
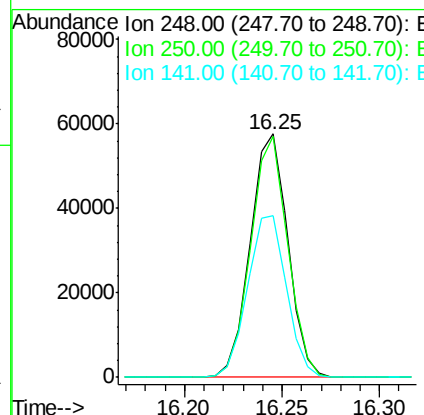
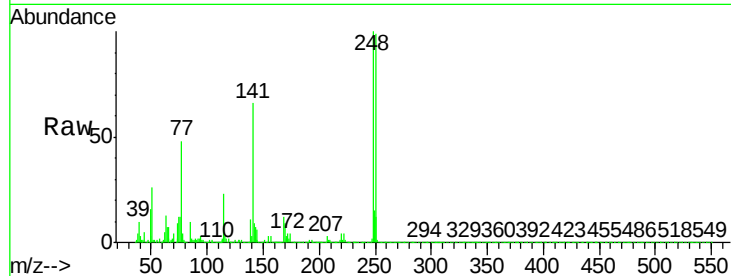




#66
4-Bromophenyl-phenylether
Concen: 3.335 ng/ul
RT: 16.25 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

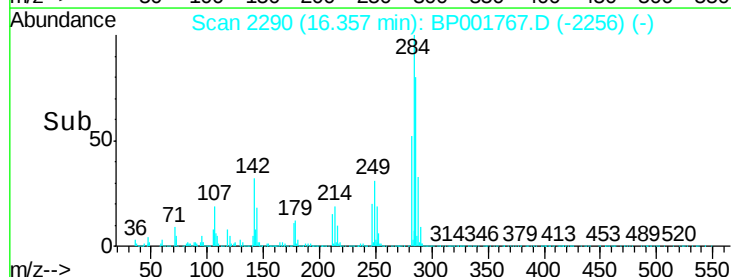
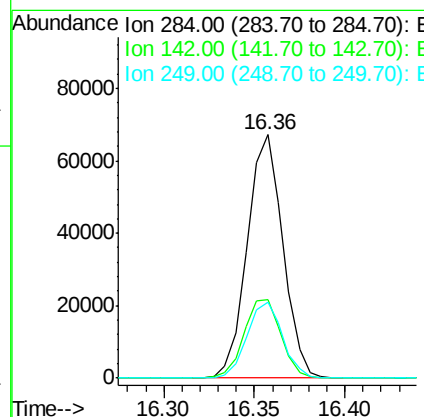
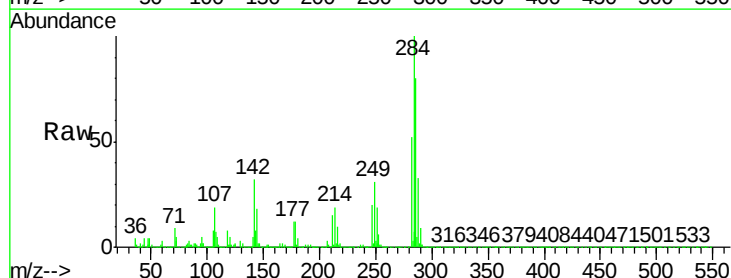
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

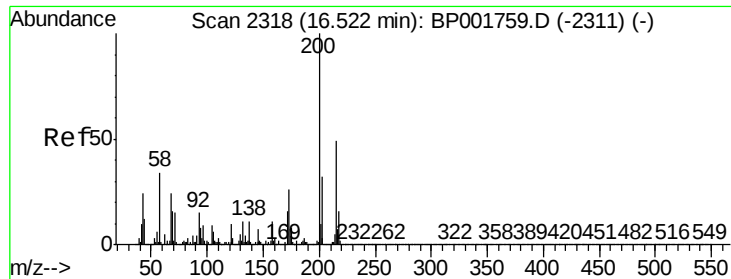
Tot Ion:248 Resp: 76945
Ion Ratio Lower Upper
248 100
250 99.3 79.2 118.8
141 66.3 51.0 76.6



#67
Hexachlorobenzene
Concen: 3.453 ng/ul
RT: 16.36 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion:284 Resp: 91951
Ion Ratio Lower Upper
284 100
142 32.2 26.6 40.0
249 30.9 24.4 36.6

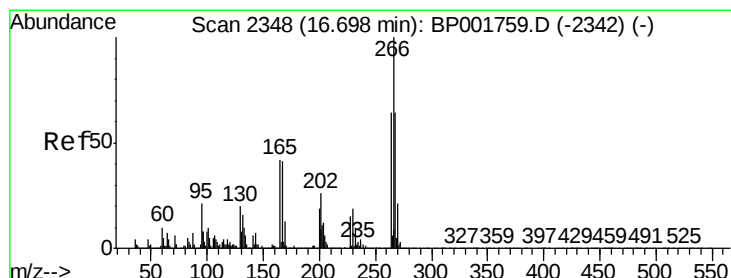
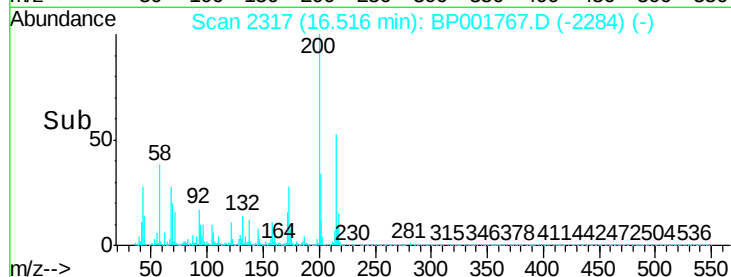
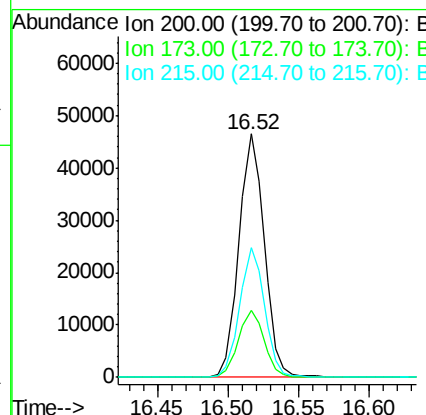
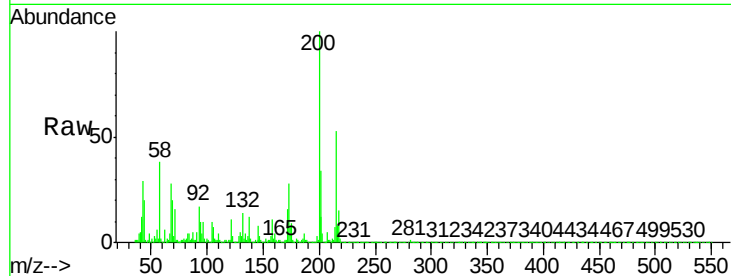




#68
Atrazine
Concen: 2.692 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

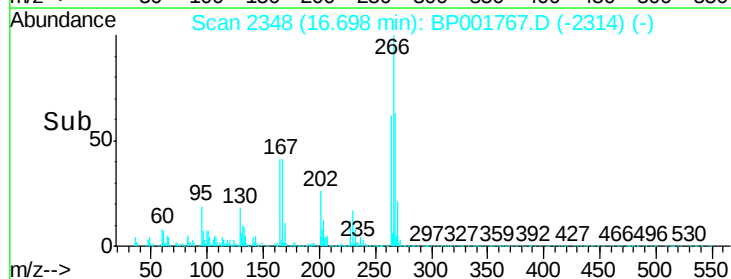
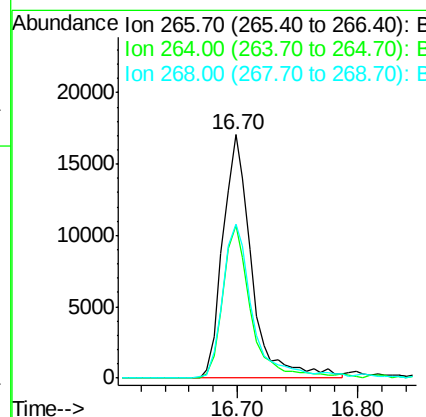
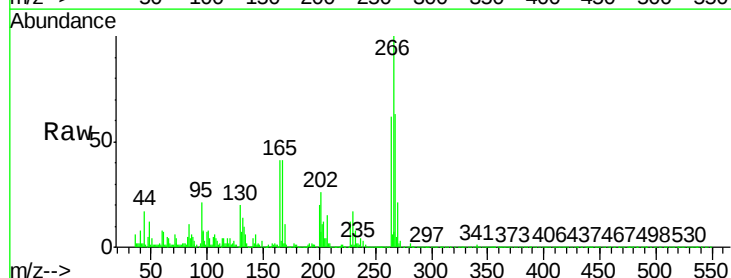
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03

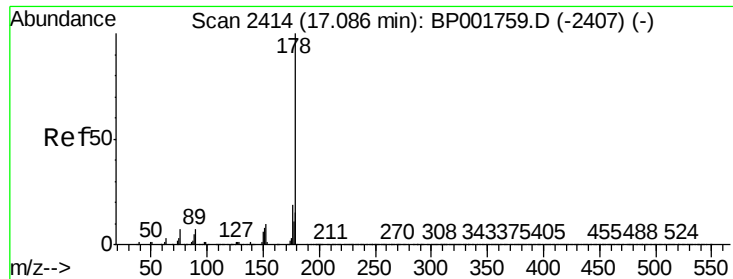
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	21.0	31.4
215	53.3	38.9	58.3



#69
Pentachlorophenol
Concen: 2.175 ng/ul
RT: 16.70 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BP001767.D
Acq: 18 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.1	76.7
268	63.0	51.5	77.3





#70

Phenanthrene

Concen: 3.651 ng/ul

RT: 17.09 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

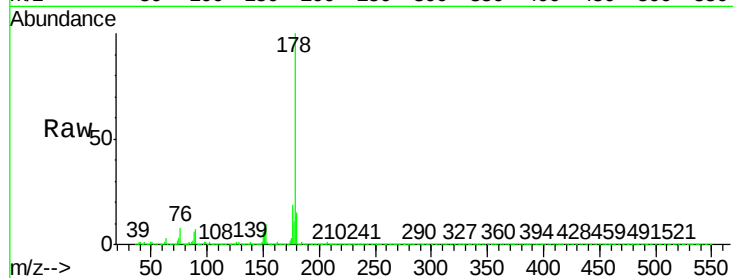
Tot Ion:178 Resp: 423284

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

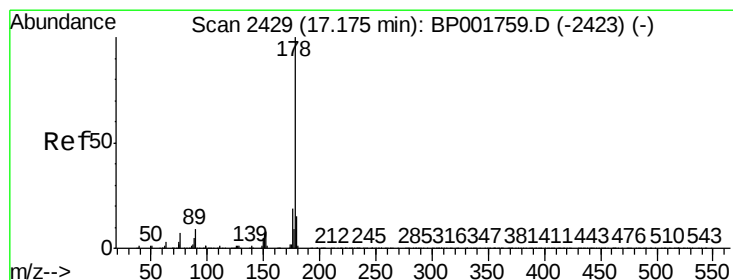
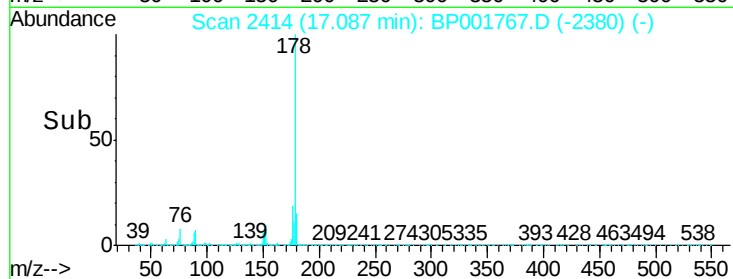
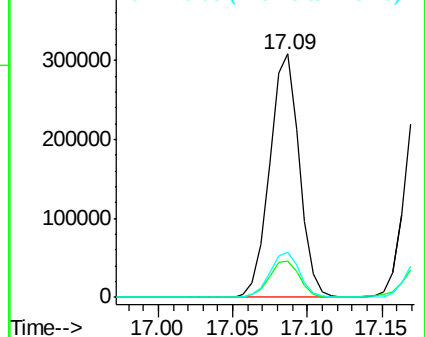
176 18.6 15.3 22.9



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



#72

Anthracene

Concen: 3.605 ng/ul

RT: 17.17 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

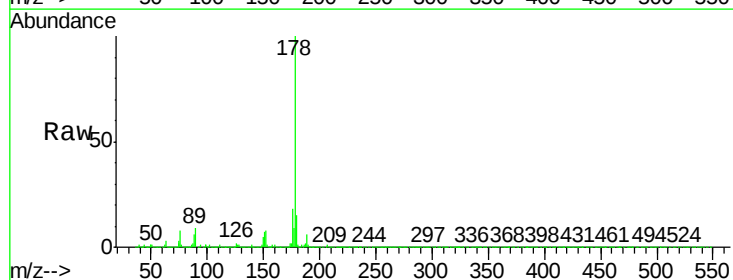
Tgt Ion:178 Resp: 412798

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

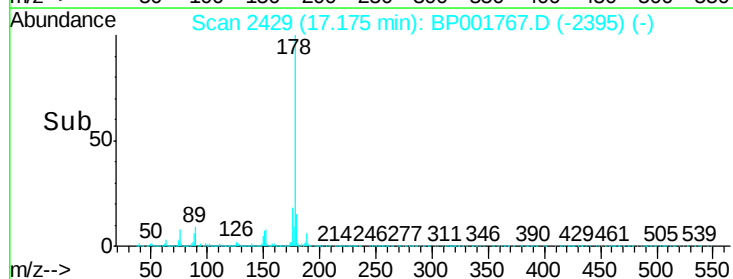
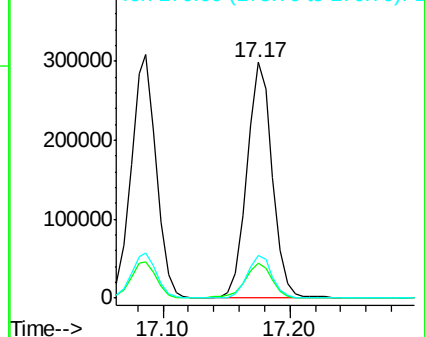
176 18.2 14.8 22.2

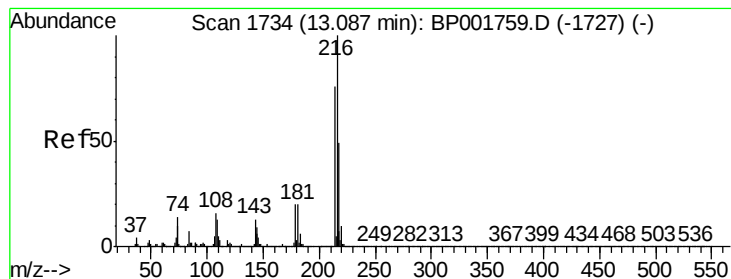


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.640 ng/uL

RT: 13.09 min Scan# 1734

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

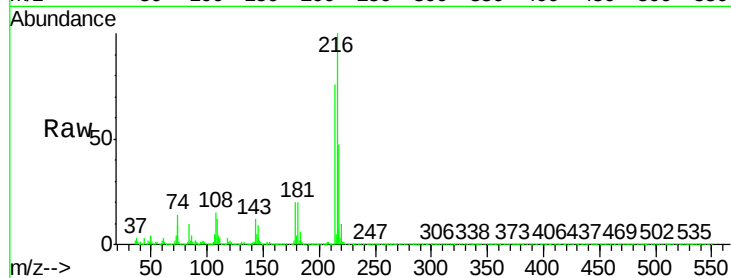
Tot Ion:216 Resp: 125451

Ion Ratio Lower Upper

216 100

214 76.5 60.9 91.3

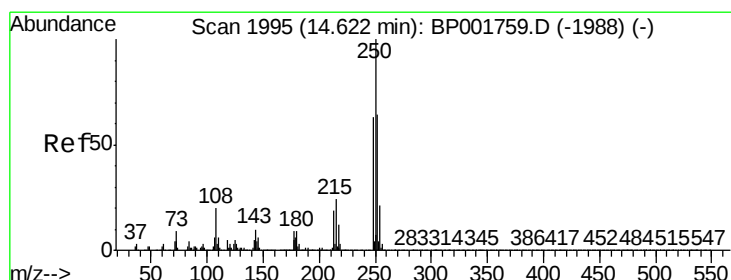
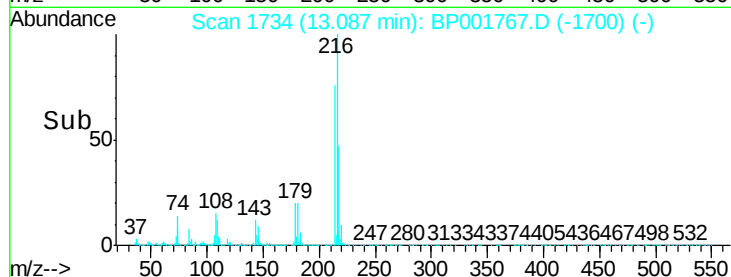
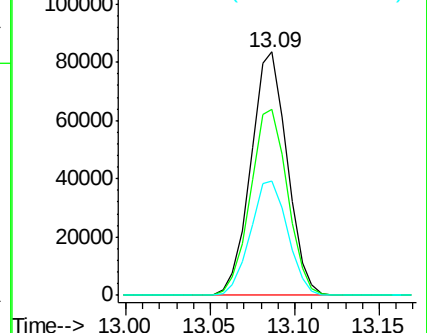
218 46.8 39.0 58.6



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



#74

Pentachlorobenzene

Concen: 3.346 ng/uL

RT: 14.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

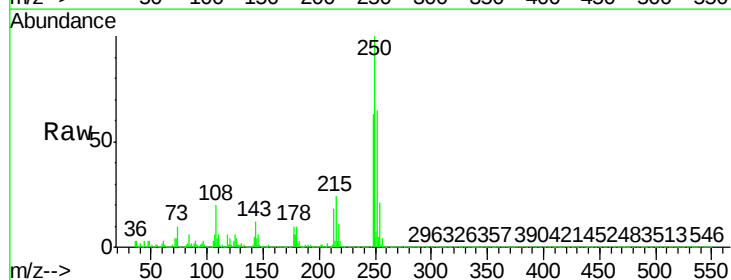
Tgt Ion:250 Resp: 112415

Ion Ratio Lower Upper

250 100

248 62.8 50.6 76.0

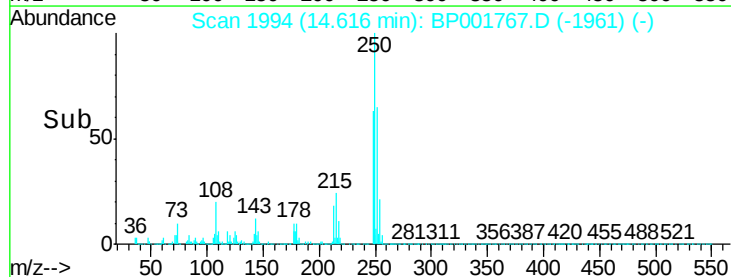
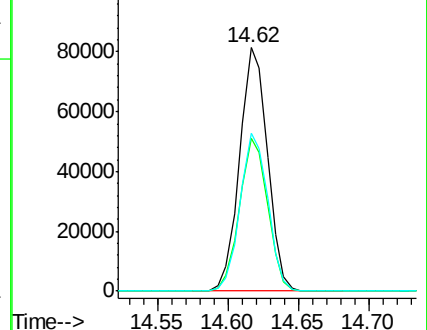
252 64.9 51.5 77.3

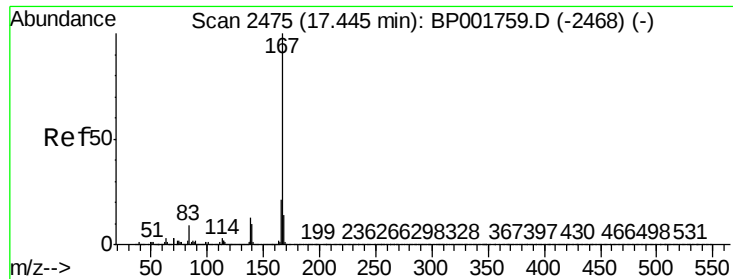


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

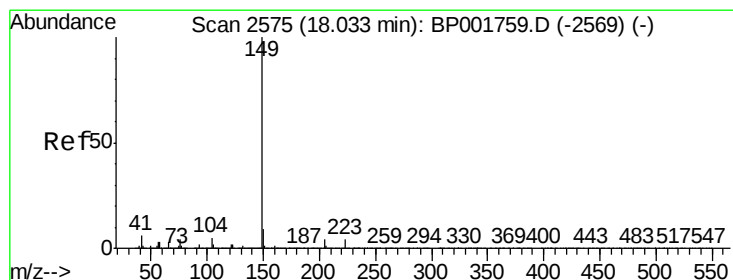
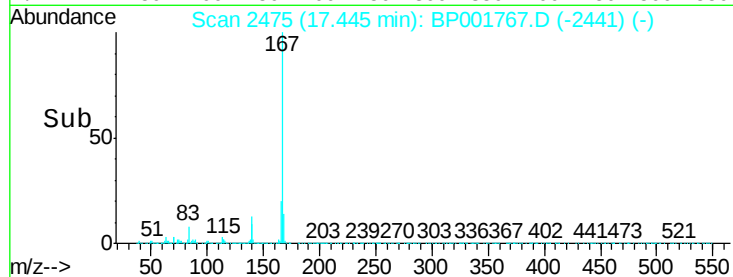
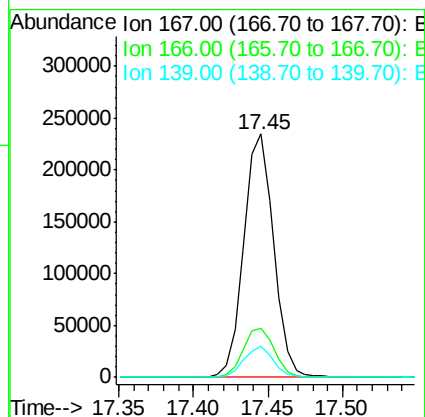
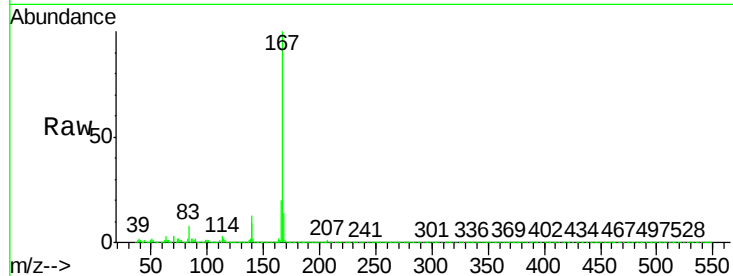




#75
 Carbazole
 Concen: 3.401 ng/ul
 RT: 17.45 min Scan# 2475
 Delta R.T. 0.00 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

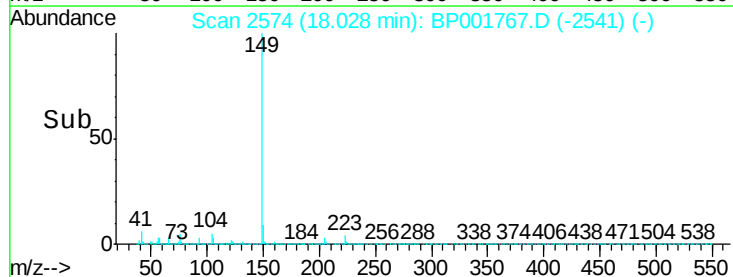
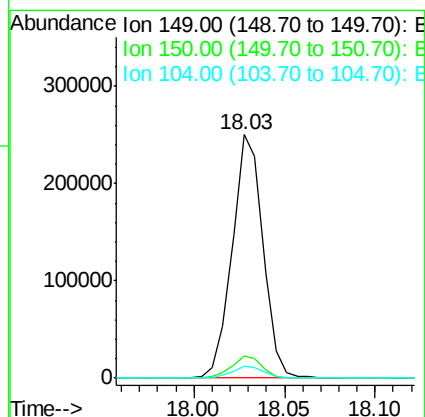
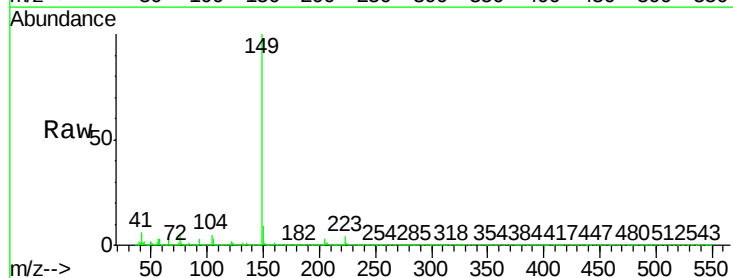
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

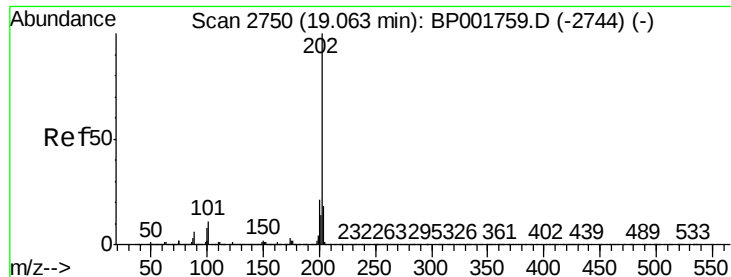
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.1	25.7
139	12.6	10.2	15.2



#76
 Di-n-butylphthalate
 Concen: 2.804 ng/ul
 RT: 18.03 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.7	3.6	5.4





#77

Fluoranthene

Concen: 3.558 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

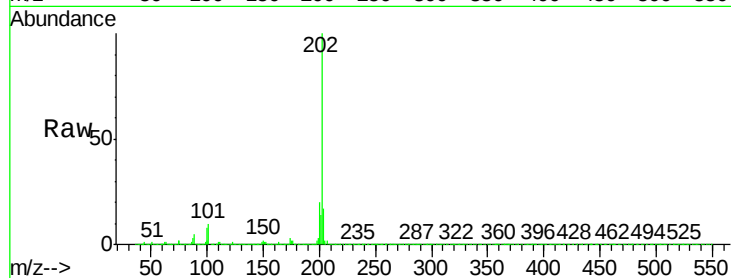
Tot Ion:202 Resp: 441673

Ion Ratio Lower Upper

202 100

101 10.0 9.1 13.7

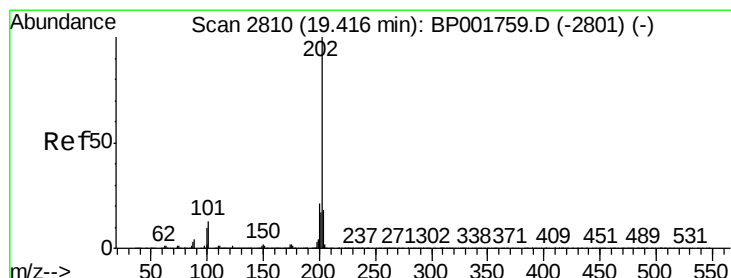
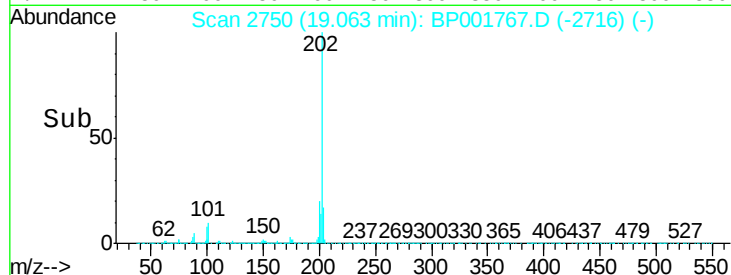
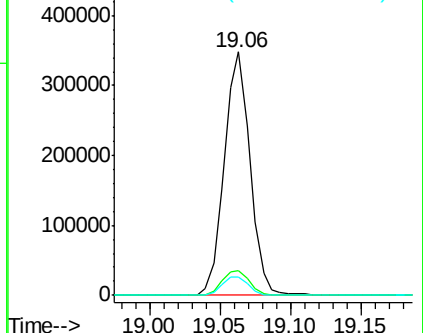
100 7.7 6.6 9.8



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



#80

Pyrene

Concen: 3.487 ng/ul

RT: 19.42 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

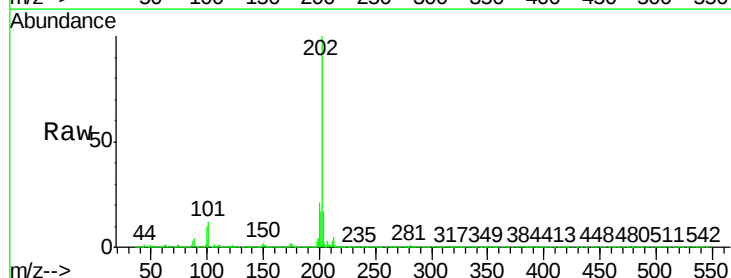
Tgt Ion:202 Resp: 512742

Ion Ratio Lower Upper

202 100

101 11.9 10.2 15.2

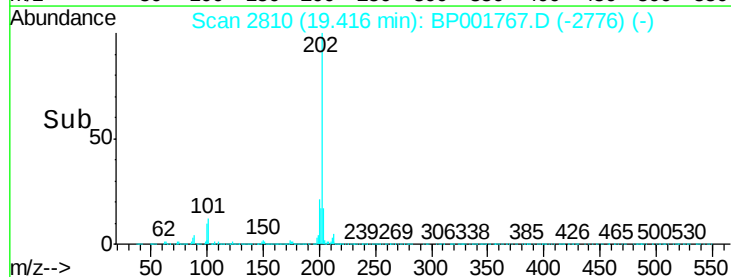
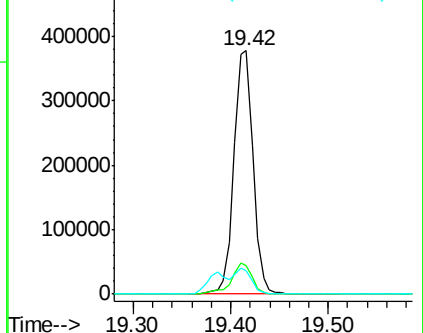
100 9.8 8.2 12.2

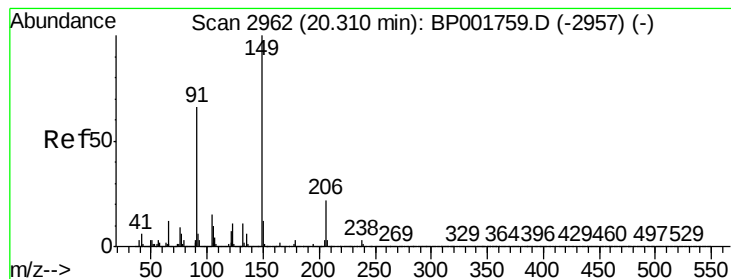


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Butylbenzylphthalate

Concen: 2.326 ng/ul

RT: 20.31 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

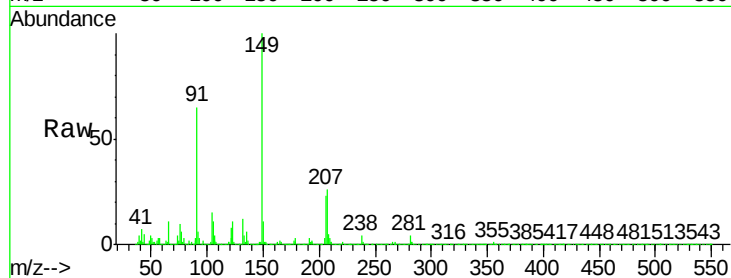
Tot Ion:149 Resp: 106219

Ion Ratio Lower Upper

149 100

91 65.2 53.0 79.4

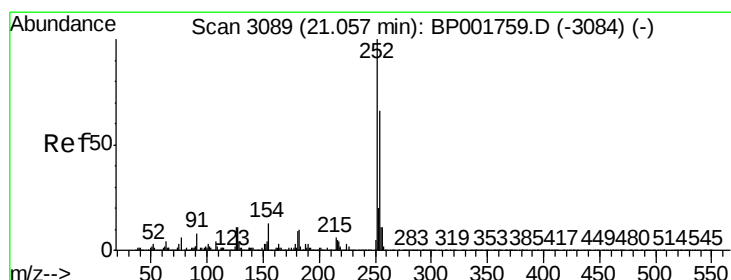
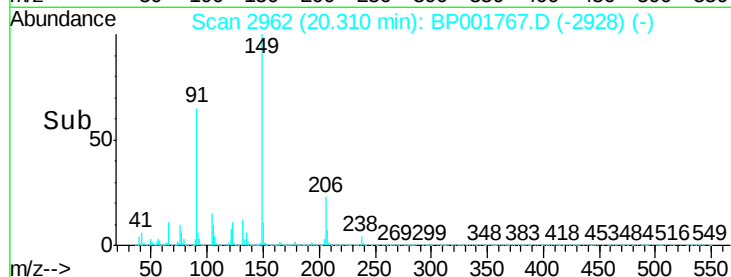
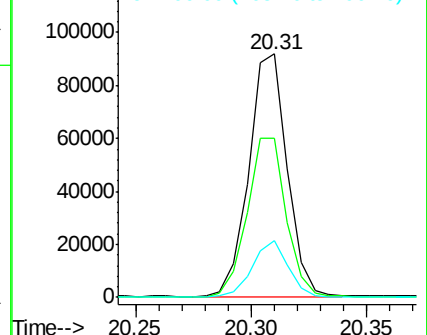
206 23.2 17.6 26.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



#82

3,3'-Dichlorobenzidine

Concen: 2.473 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

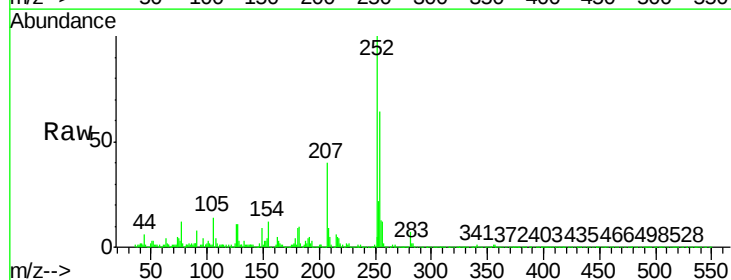
Tgt Ion:252 Resp: 115638

Ion Ratio Lower Upper

252 100

254 64.4 52.6 78.8

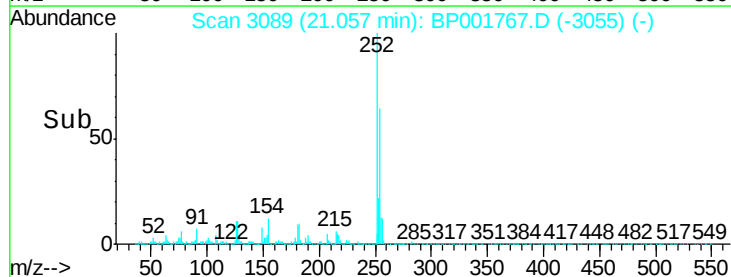
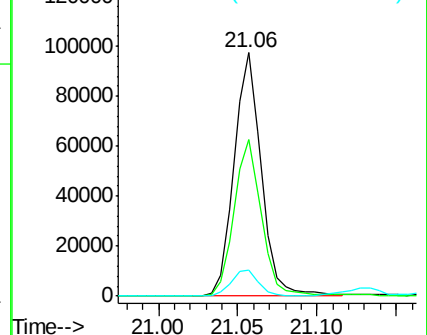
126 10.6 8.6 13.0

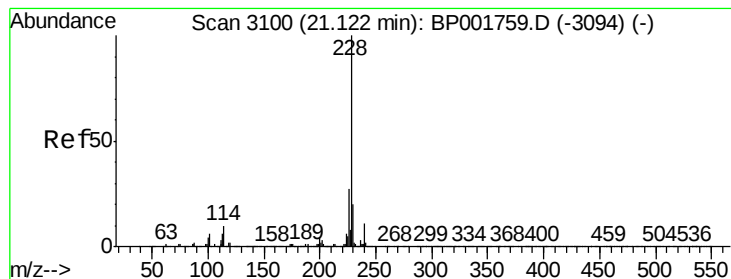


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 3.408 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

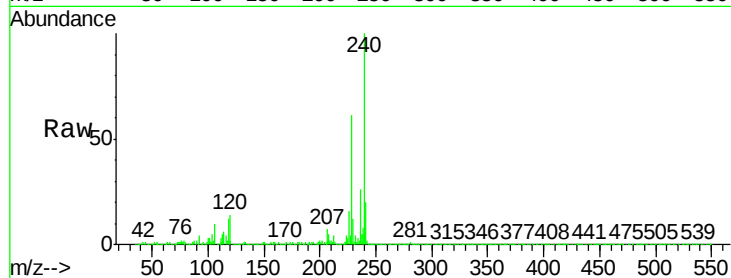
BNA_P

ClientSampleId :

MDL-SOIL-03

Tot Ion:228 Resp: 485161

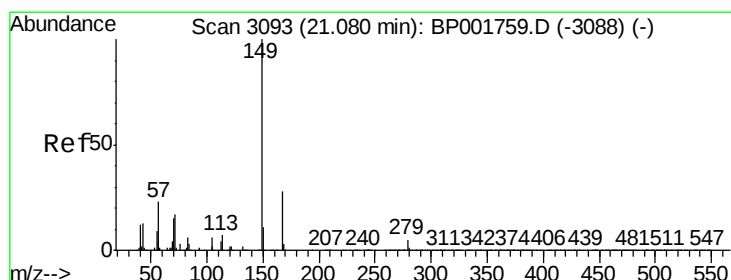
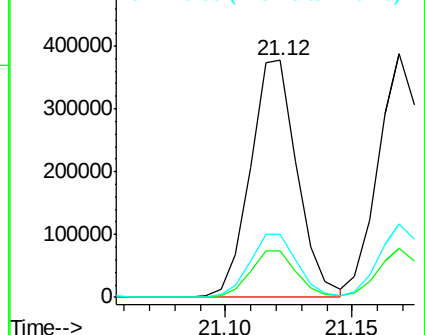
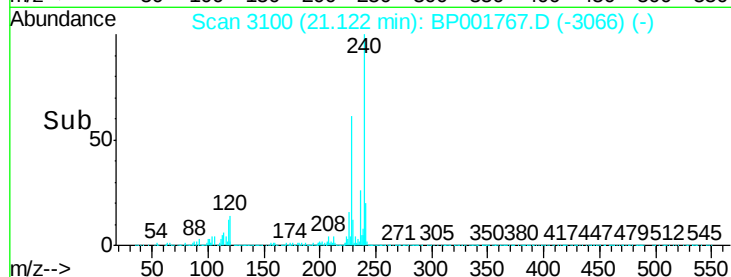
Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.2	24.4
226	26.5	22.0	33.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.812 ng/ul

RT: 21.08 min Scan# 3093

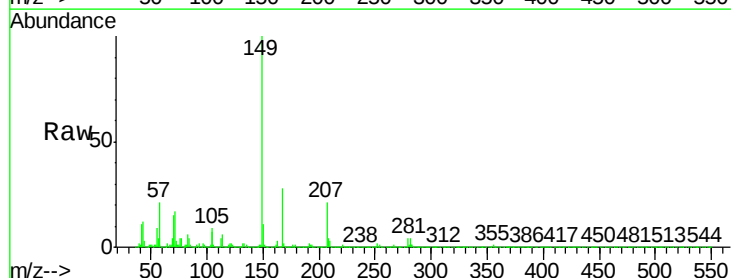
Delta R.T. 0.00 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Tgt Ion:149 Resp: 212675

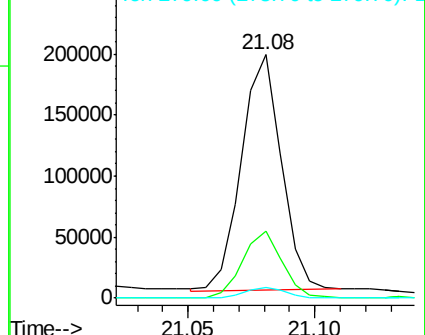
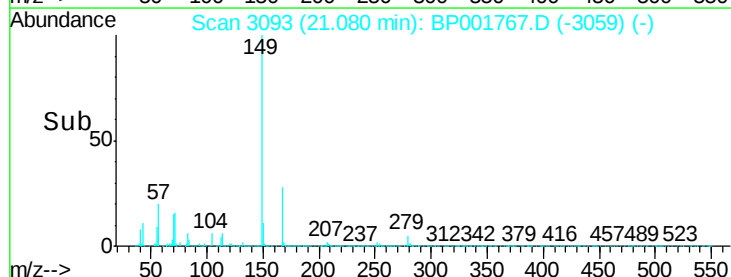
Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	34.0
279	4.5	3.6	5.4

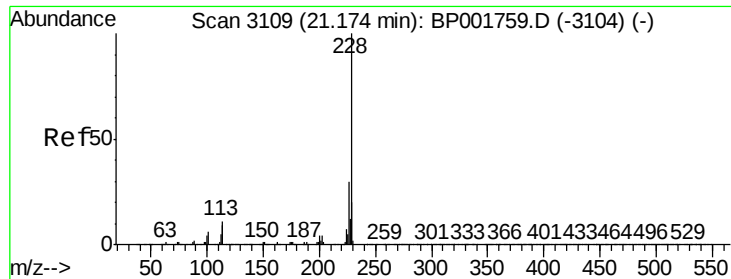


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

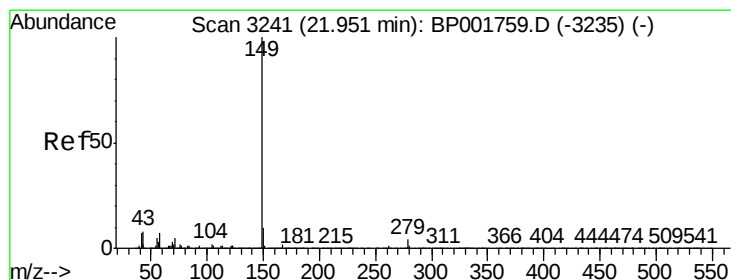
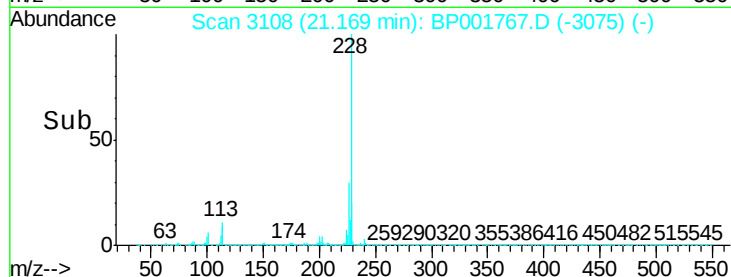
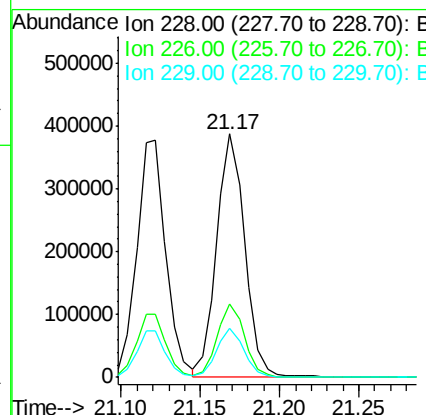
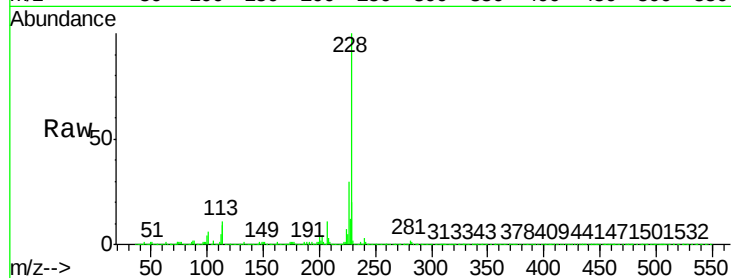




#85
 Chrysene
 Concen: 3.418 ng/ul
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

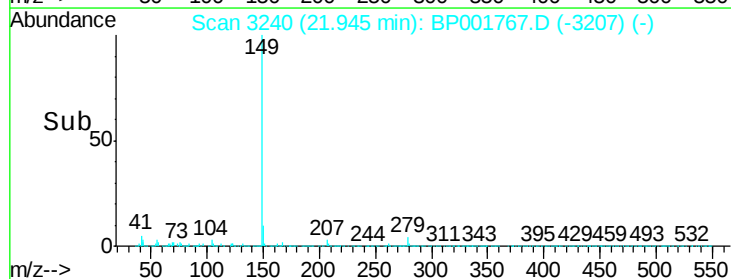
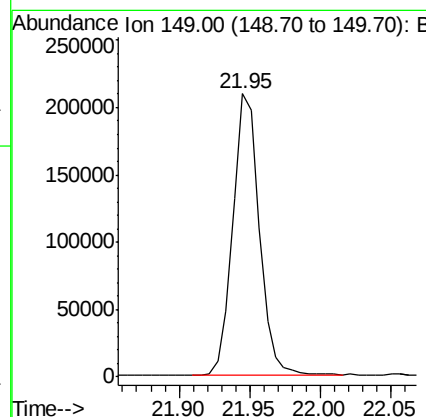
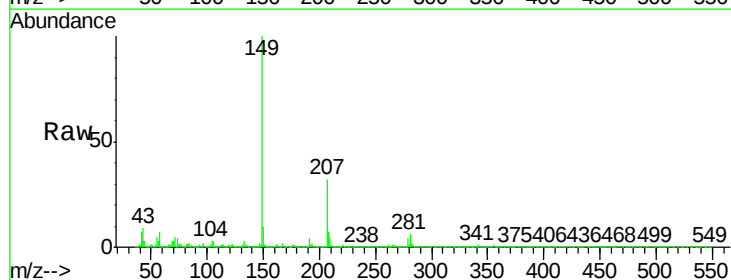
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

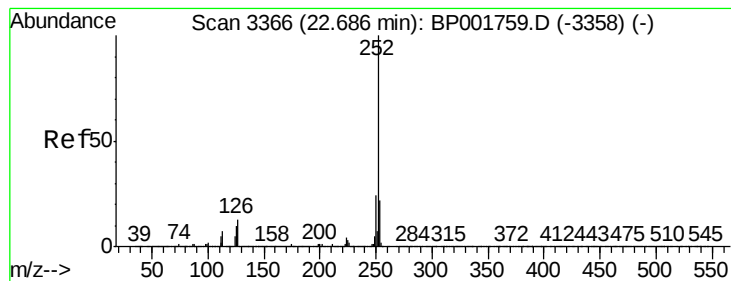
Tot Ion:228 Resp: 475437
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 229 20.1 15.7 23.5



#87
 Di-n-octyl phthalate
 Concen: 2.372 ng/ul
 RT: 21.95 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BP001767.D
 Acq: 18 Feb 2020 19:29

Tgt Ion:149 Resp: 274470





#88

Benzo(b)fluoranthene

Concen: 3.319 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

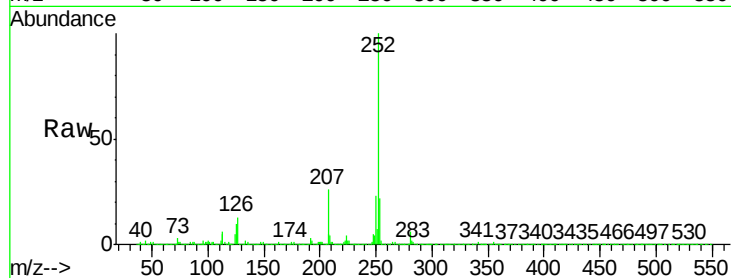
Tot Ion:252 Resp: 451208

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

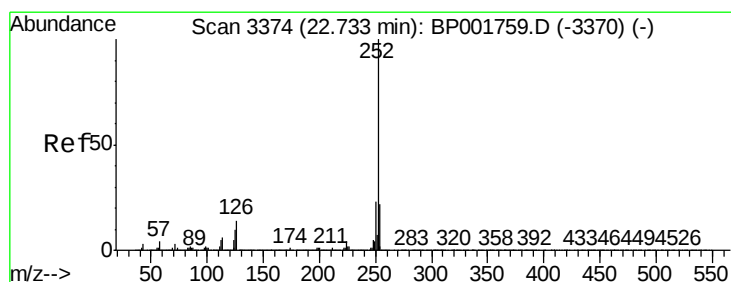
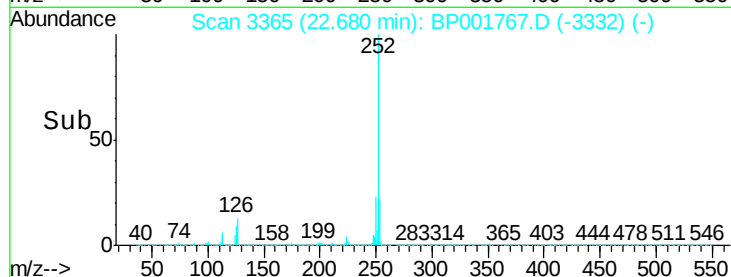
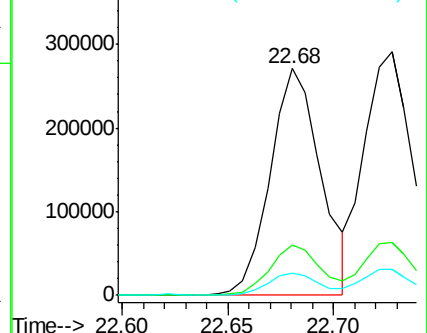
125 9.6 7.8 11.6



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



#89

Benzo(k)fluoranthene

Concen: 3.399 ng/ul

RT: 22.73 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

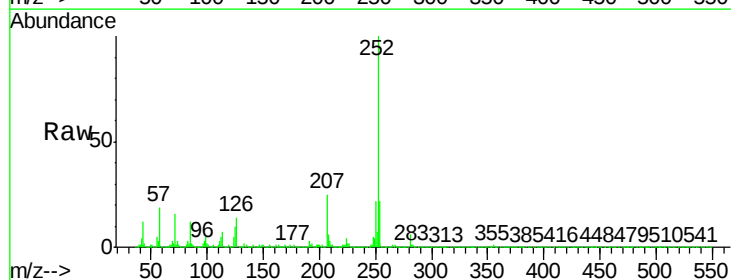
Tgt Ion:252 Resp: 479025

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

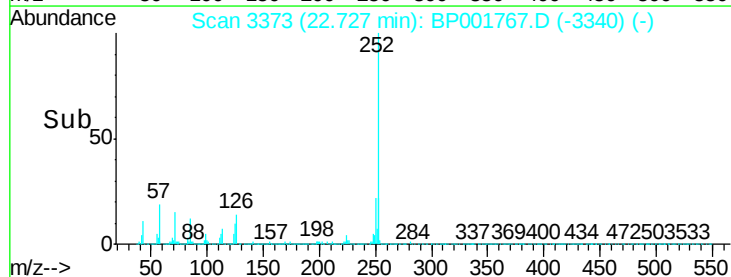
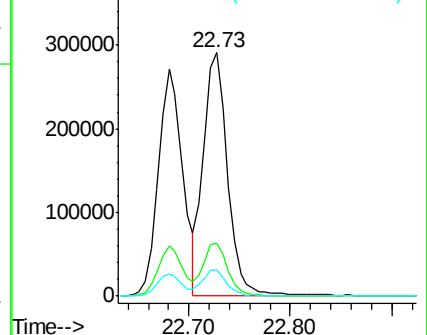
125 10.5 8.0 12.0

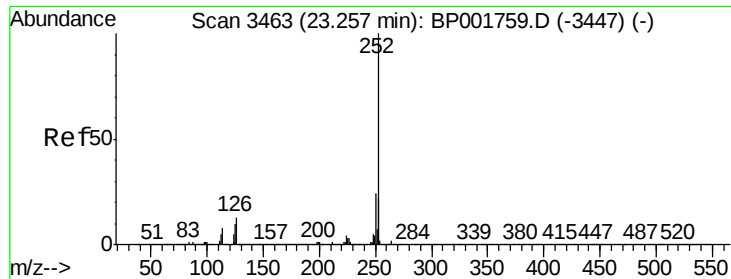


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.518 ng/ul

RT: 23.25 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

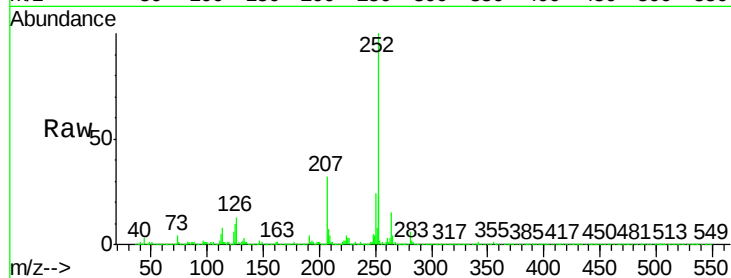
Tot Ion:252 Resp: 448248

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

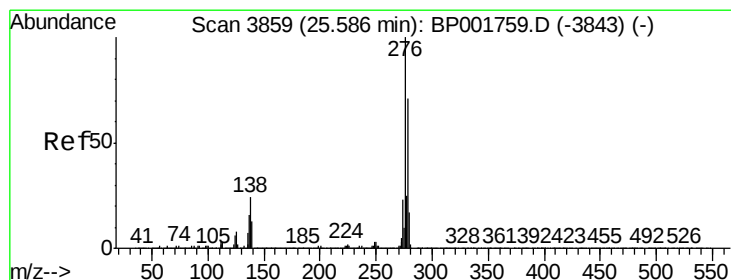
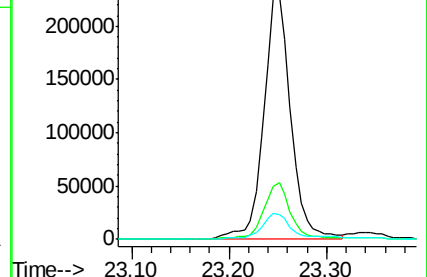
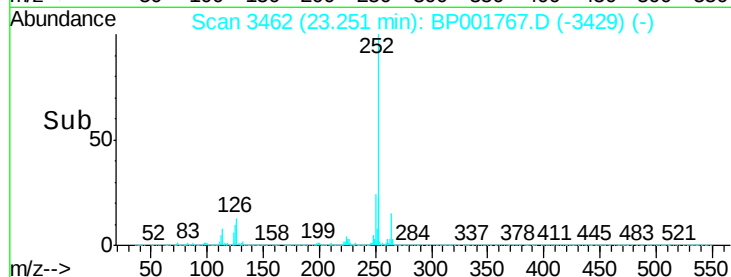
125 10.3 8.3 12.5



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.166 ng/ul

RT: 25.57 min Scan# 3857

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

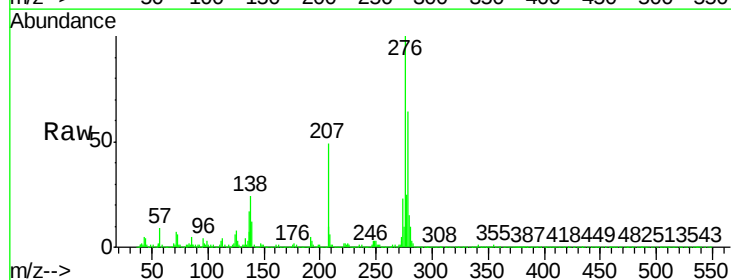
Tgt Ion:276 Resp: 503962

Ion Ratio Lower Upper

276 100

138 24.3 19.3 28.9

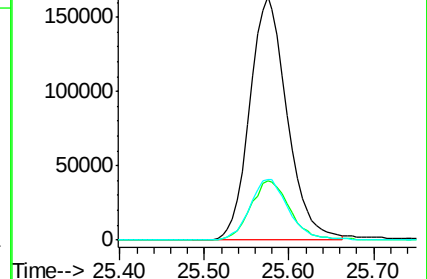
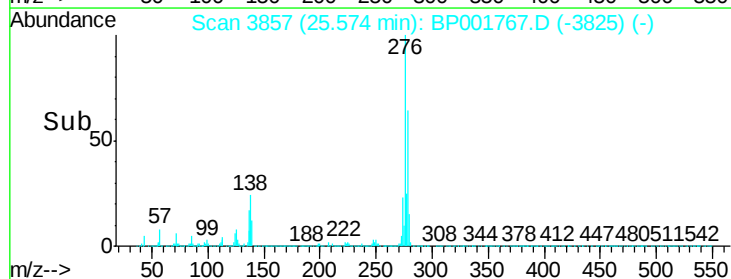
277 24.9 20.0 30.0

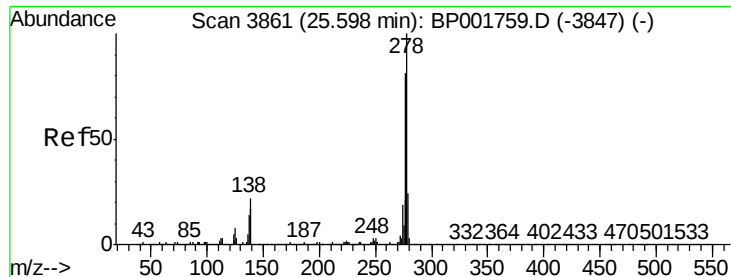


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 3.263 ng/ul

RT: 25.59 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03

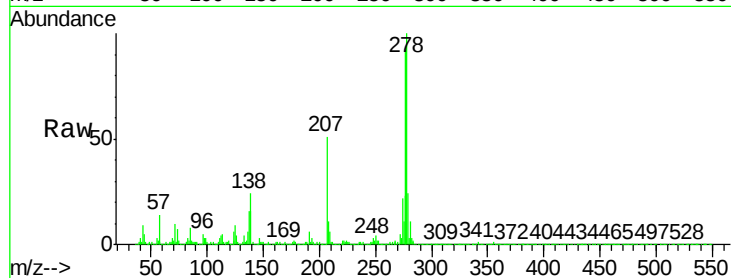
Tot Ion:278 Resp: 436269

Ion Ratio Lower Upper

278 100

139 16.0 13.3 19.9

279 24.2 19.3 28.9



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

200000

150000

100000

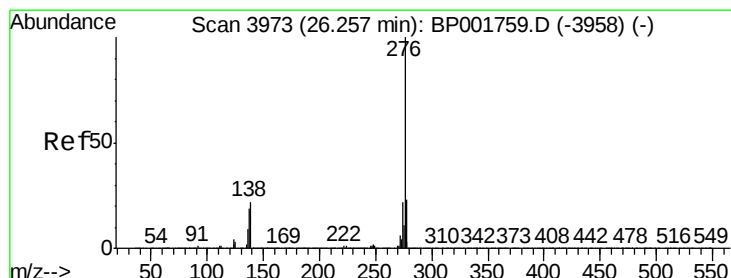
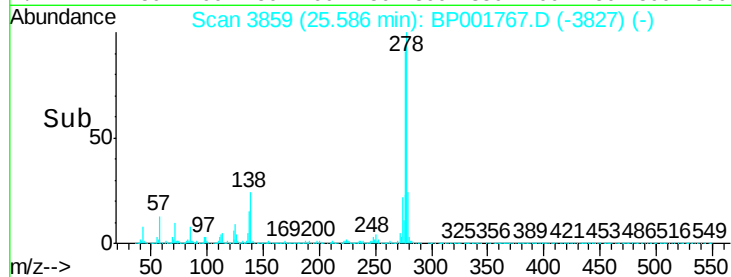
50000

0

25.59

25.50 25.60 25.70

Time-->



#94

Benzo(g,h,i)perylene

Concen: 3.139 ng/ul

RT: 26.25 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BP001767.D

Acq: 18 Feb 2020 19:29

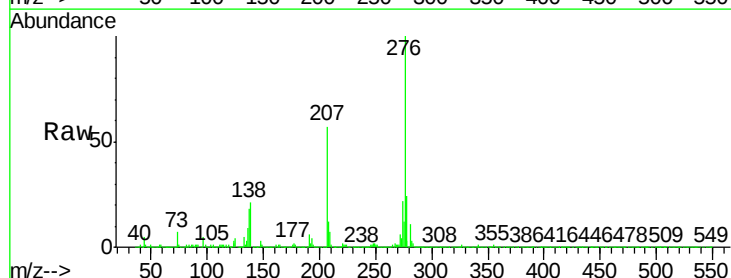
Tgt Ion:276 Resp: 424784

Ion Ratio Lower Upper

276 100

138 21.4 17.7 26.5

277 24.1 18.8 28.2



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

150000

100000

50000

0

26.25

26.10 26.20 26.30

Time-->

