

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021820\
 Data File : BP001770.D
 Acq On : 18 Feb 2020 21:11
 Operator : CG/JU
 Sample : K5695-06
 Misc : MDL-SOIL-06
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-06

Quant Time: Feb 19 02:46:34 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	380070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1561664	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	968311	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2066816	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2135342	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2265270	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	44948	4.91	ng/uL	0.00
5) Phenol-d5	6.83	99	967504	33.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	574188	34.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	823386	35.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	759077	33.32	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	373197	35.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	360498	37.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	758901	33.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1101697	40.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2373461	34.93	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2950658	35.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	367331	31.04	ng/ul	0.00
58) Fluorene-d10	15.29	176	2078814	34.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	236081	28.97	ng/ul	0.00
71) Anthracene-d10	17.14	188	3141280	34.50	ng/ul	0.00
79) Pyrene-d10	19.39	212	3555723	32.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3708824	33.90	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.22	88	9903	1.009	ng/uL# 92
4) Benzaldehyde	6.80	77	76477	4.350	ng/ul 99
6) Phenol	6.86	94	118025	3.878	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.09	93	98495	4.013	ng/ul 98
10) 2-Chlorophenol	7.23	128	97876	3.987	ng/ul 98
11) 2-Methylphenol	8.10	108	80391	3.489	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.19	45	115761	3.959	ng/ul 98
14) Acetophenone	8.47	105	138230	3.927	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.46	70	60925	3.733	ng/ul 95
16) 4-Methylphenol	8.42	108	94351	3.803	ng/ul 100
17) Hexachloroethane	8.73	117	37798	3.870	ng/ul 99
20) Nitrobenzene	8.84	77	105368	4.021	ng/ul 97
21) Isophorone	9.37	82	164795	3.421	ng/ul 100
23) 2-Nitrophenol	9.55	139	47457	4.143	ng/ul 99
24) 2,4-Dimethylphenol	9.62	107	94390	3.669	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.86	93	122408	3.755	ng/ul 98
27) 2,4-Dichlorophenol	10.08	162	90066	3.860	ng/ul 93
28) Naphthalene	10.48	128	332968	3.990	ng/ul 99
30) 4-Chloroaniline	10.59	127	121102	4.456	ng/ul 100
31) Hexachlorobutadiene	10.79	225	64457	3.907	ng/ul 98
32) Caprolactam	11.35	113	18088	2.566	ng/ul 93
33) 4-Chloro-3-methylphenol	11.72	107	71928	3.238	ng/ul 98
34) 2-Methylnaphthalene	12.10	142	222921	3.875	ng/ul 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
 Data File : BP001770.D
 Acq On : 18 Feb 2020 21:11
 Operator : CG/JU
 Sample : K5695-06
 Misc : MDL-SOIL-06
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-06

Quant Time: Feb 19 02:46:34 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)
35) 1-Methylnaphthalene	12.32	142	234855	4.143	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	124648	3.952	ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	50156	2.944	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	52759	3.130	ng/ul	97
40) 2,4,5-Trichlorophenol	12.78	196	58641	3.160	ng/ul	98
41) 1,1'-Biphenyl	13.12	154	296681	3.930	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	232546	3.902	ng/ul	99
43) 2-Nitroaniline	13.36	65	34082	2.849	ng/ul	98
45) Dimethylphthalate	13.76	163	282457	3.949	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	35060	2.813	ng/ul	99
48) Acenaphthylene	14.01	152	361281	3.980	ng/ul	99
49) 3-Nitroaniline	14.19	138	38485	3.033	ng/ul	97
50) Acenaphthene	14.36	153	244045	3.934	ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	22778	4.404	ng/ul	97
53) 4-Nitrophenol	14.50	109	31575	3.604	ng/ul	94
54) Dibenzofuran	14.69	168	352168	4.031	ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	59301	3.231	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	50497	3.366	ng/ul	98
57) Diethylphthalate	15.13	149	249383	3.647	ng/ul	98
59) Fluorene	15.35	166	286149	4.118	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.35	204	147320	4.085	ng/ul	98
61) 4-Nitroaniline	15.35	138	45006	3.141	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	29940	3.295	ng/ul#	70
65) N-Nitrosodiphenylamine	15.56	169	227535	3.840	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	83023	3.660	ng/ul	99
67) Hexachlorobenzene	16.36	284	102262	3.906	ng/ul	99
68) Atrazine	16.52	200	66616	3.118	ng/ul	97
69) Pentachlorophenol	16.70	266	29428	2.322	ng/ul	95
70) Phenanthrene	17.09	178	453233	3.976	ng/ul	99
72) Anthracene	17.17	178	451683	4.012	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	135434	3.997	ng/uL	97
74) Pentachlorobenzene	14.62	250	123397	3.736	ng/uL	99
75) Carbazole	17.45	167	357065	3.803	ng/ul	99
76) Di-n-butylphthalate	18.03	149	326454	3.159	ng/ul	99
77) Fluoranthene	19.06	202	489175	4.008	ng/ul	97
80) Pvrene	19.41	202	560955	3.862	ng/ul	98
81) Butylbenzylphthalate	20.30	149	113904	2.526	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.06	252	126904	2.748	ng/ul	97
83) Benzo(a)anthracene	21.12	228	529280	3.764	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	258052	3.454	ng/ul	97
85) Chrysene	21.17	228	526028	3.829	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	307733	2.713	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	494622	3.711	ng/ul	100
89) Benzo(k)fluoranthene	22.72	252	523565	3.789	ng/ul	100
91) Benzo(a)pyrene	23.25	252	488631	3.912	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.57	276	568501	3.643	ng/ul	98
93) Dibenzo(a,h)anthracene	25.59	278	487838	3.722	ng/ul	99
94) Benzo(a,h,i)perylene	26.25	276	476831	3.595	ng/ul	97

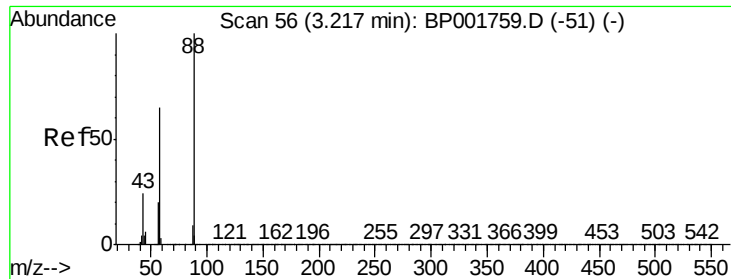
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021820\
Data File : BP001770.D
Acq On : 18 Feb 2020 21:11
Operator : CG/JU
Sample : K5695-06
Misc : MDL-SOIL-06
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

Quant Time: Feb 19 02:46:34 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)

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



#2

1,4-Dioxane

Concen: 1.009 ng/uL

RT: 3.22 min Scan# 57

Delta R.T. 0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

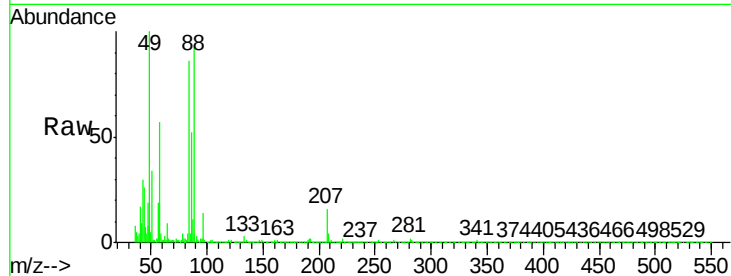
Tot Ion: 88 Resp: 9903

Ion Ratio Lower Upper

88 100

43 31.7 20.6 31.0#

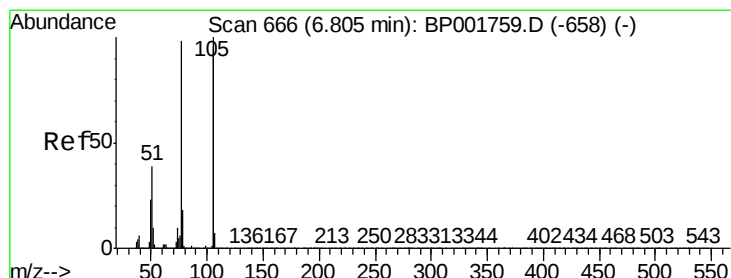
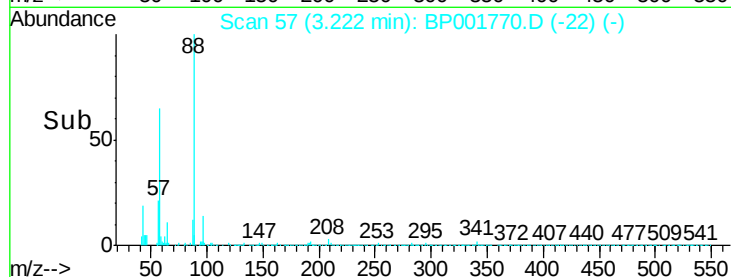
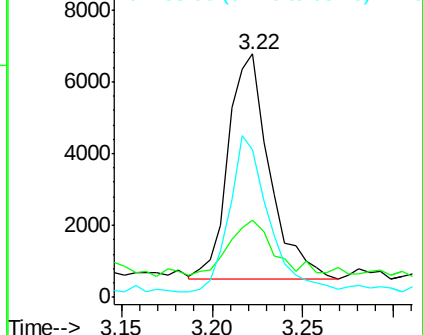
58 60.7 52.3 78.5



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

Ion 58.00 (57.70 to 58.70): BP0



#4

Benzaldehyde

Concen: 4.350 ng/uL

RT: 6.80 min Scan# 666

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

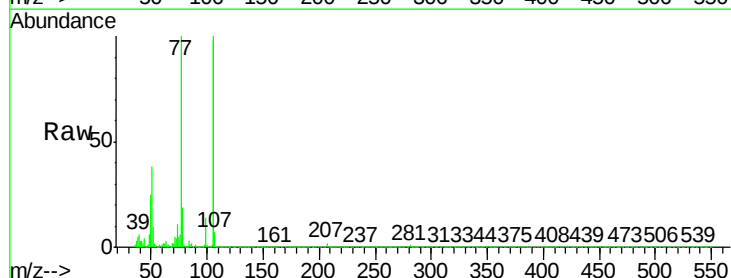
Tgt Ion: 77 Resp: 76477

Ion Ratio Lower Upper

77 100

105 100.2 82.0 123.0

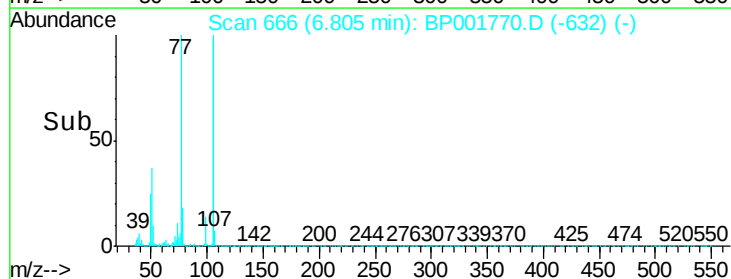
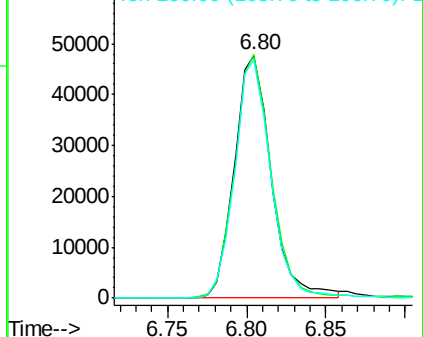
106 98.1 78.9 118.3

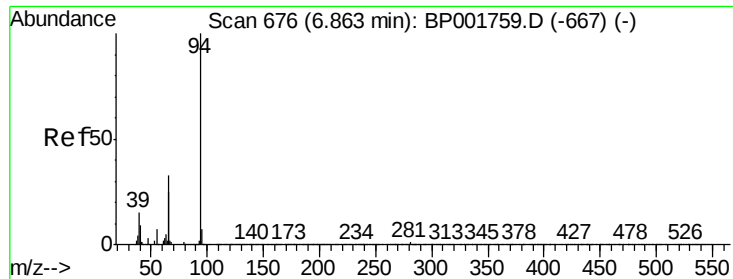


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#6

Phenol

Concen: 3.878 ng/ul

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

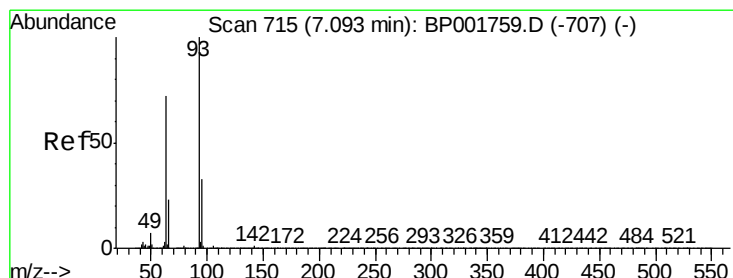
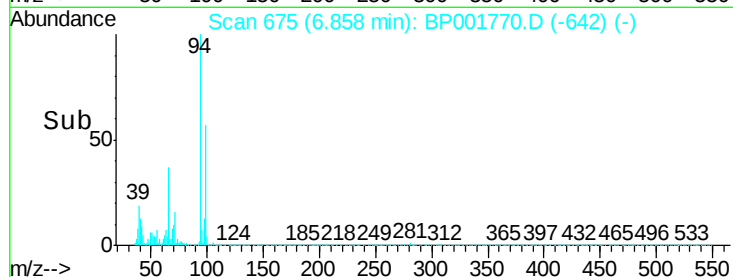
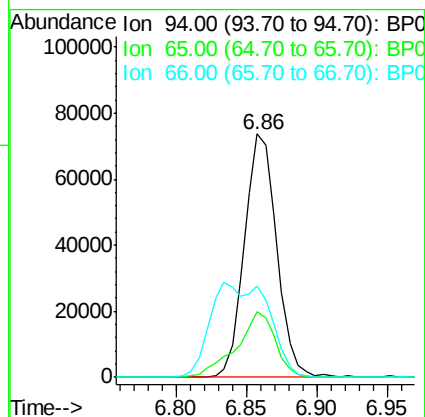
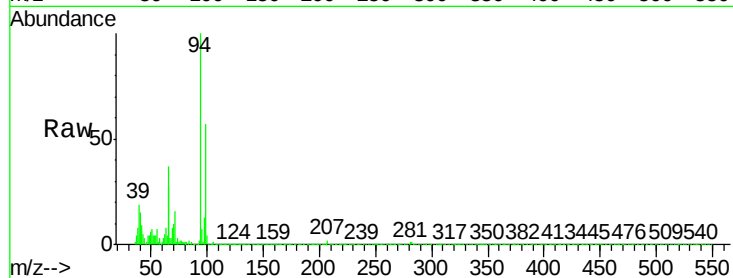
Tot Ion: 94 Resp: 118025

Ion Ratio Lower Upper

94 100

65 27.1 19.8 29.6

66 37.4 26.6 39.8



#8

Bis(2-Chloroethyl)ether

Concen: 4.013 ng/ul

RT: 7.09 min Scan# 715

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

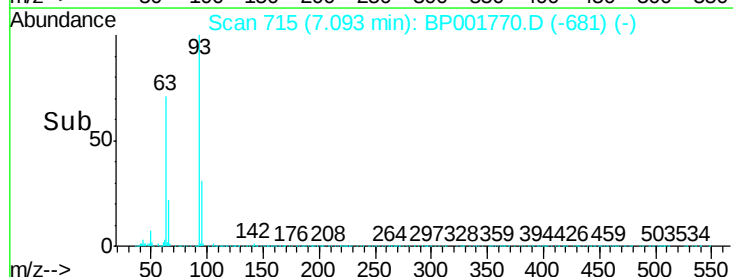
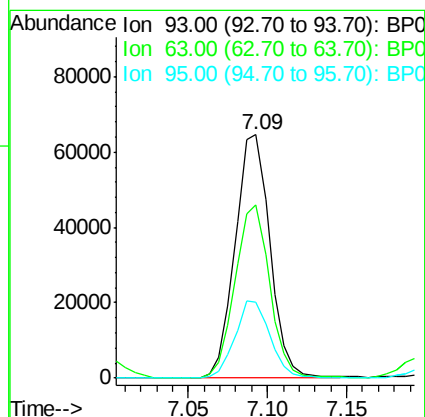
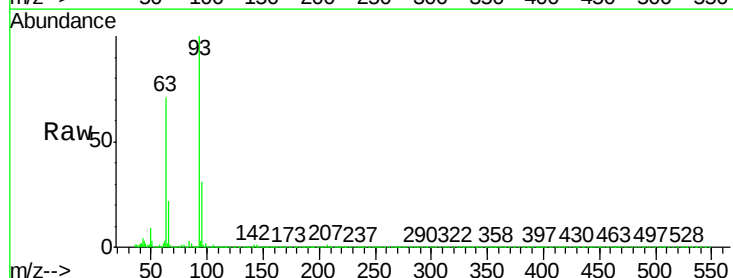
Tgt Ion: 93 Resp: 98495

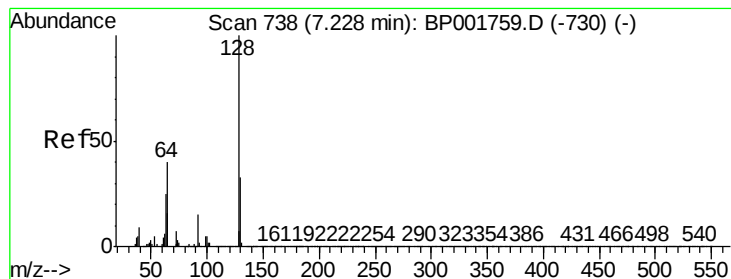
Ion Ratio Lower Upper

93 100

63 70.9 57.2 85.8

95 31.2 26.8 40.2





#10

2-Chlorophenol

Concen: 3.987 ng/ul

RT: 7.23 min Scan# 738

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

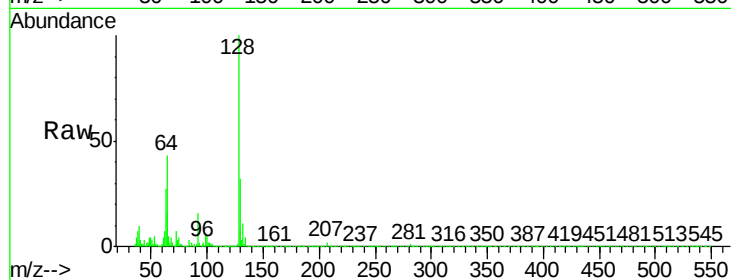
Tot Ion:128 Resp: 97876

Ion Ratio Lower Upper

128 100

64 42.6 32.9 49.3

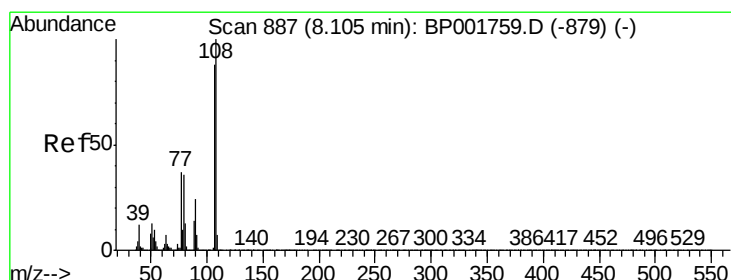
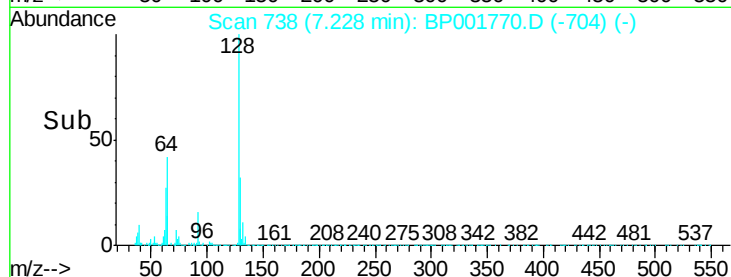
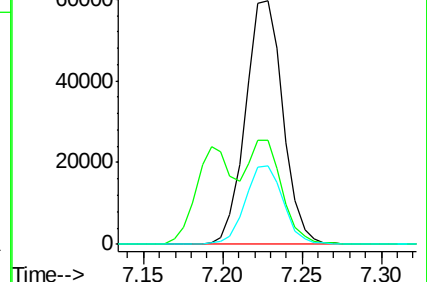
130 32.3 26.4 39.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BPO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.489 ng/ul

RT: 8.10 min Scan# 886

Delta R.T. -0.01 min

Lab File: BP001770.D

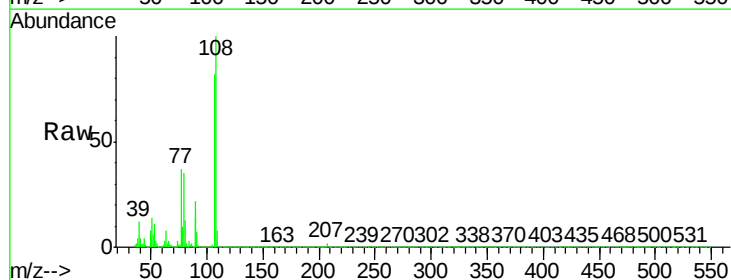
Acq: 18 Feb 2020 21:11

Tgt Ion:108 Resp: 80391

Ion Ratio Lower Upper

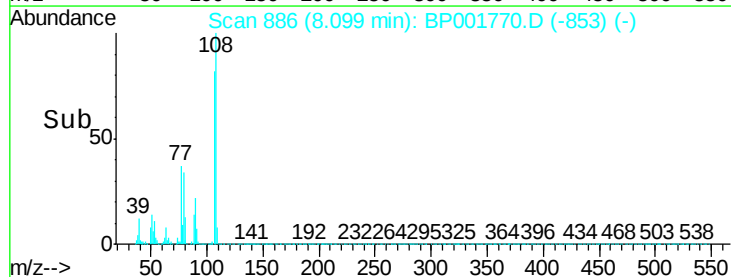
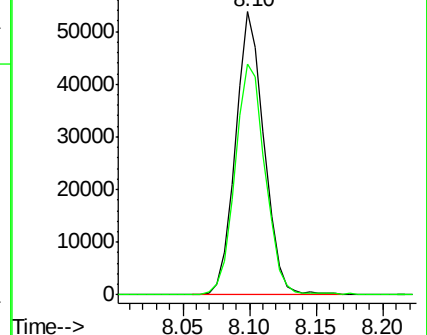
108 100

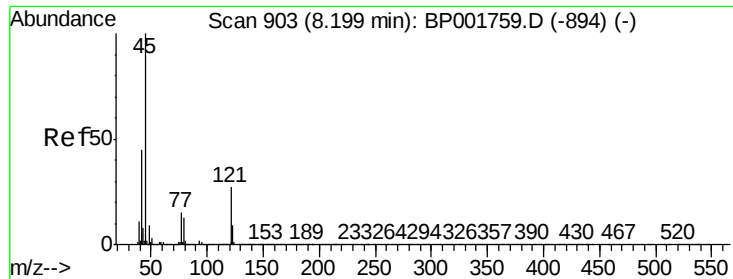
107 81.7 70.6 106.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

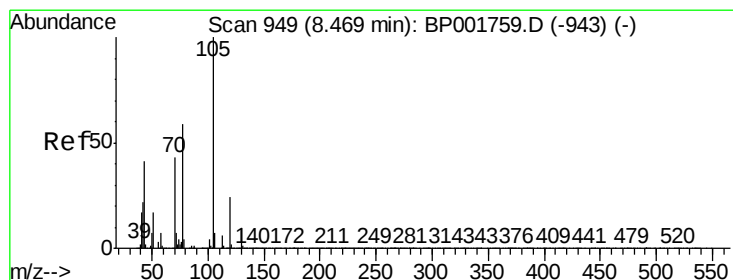
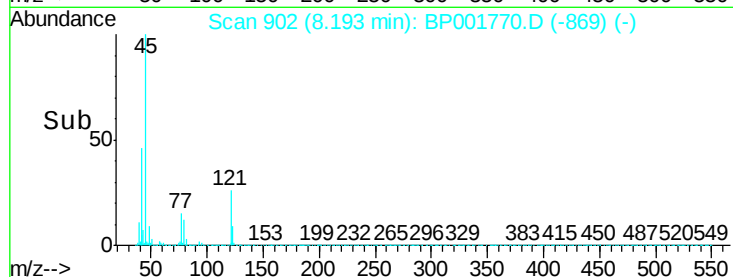
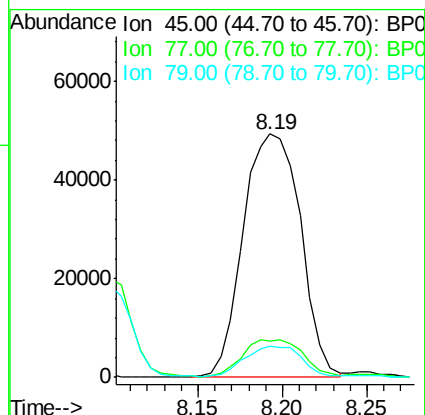
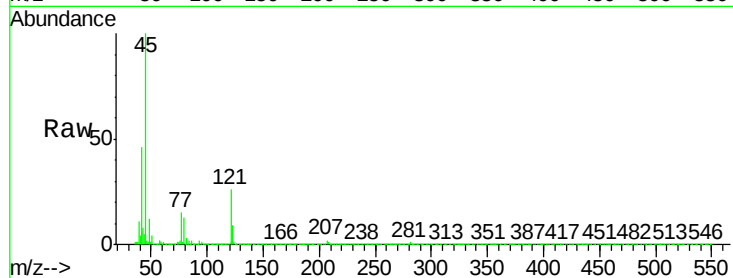




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.959 ng/ul
RT: 8.19 min Scan# 902
Delta R.T. -0.01 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

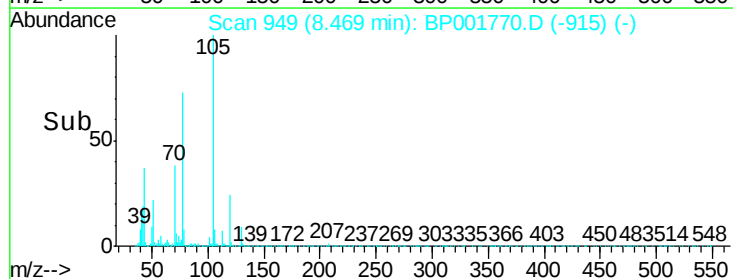
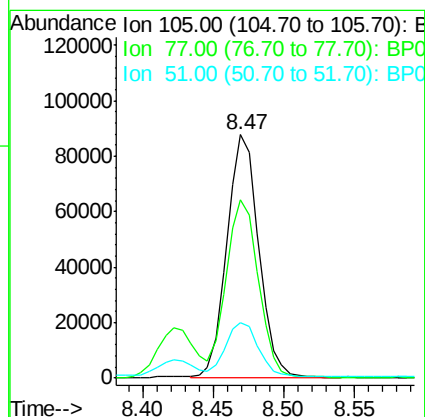
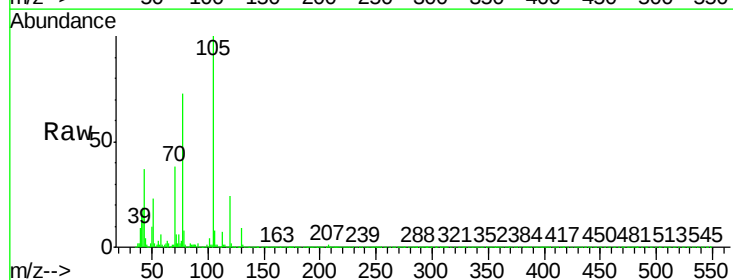
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

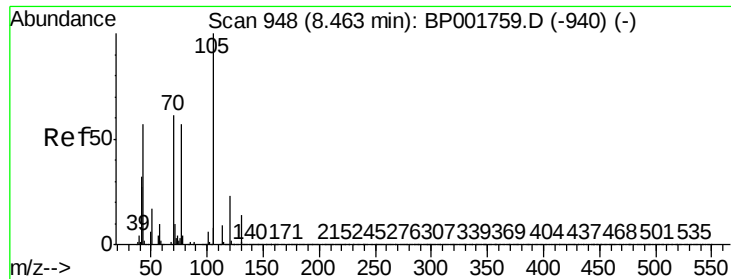
Tot Ion: 45 Resp: 115761
Ion Ratio Lower Upper
45 100
77 14.9 12.6 18.8
79 12.5 10.4 15.6



#14
Acetophenone
Concen: 3.927 ng/ul
RT: 8.47 min Scan# 949
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion: 105 Resp: 138230
Ion Ratio Lower Upper
105 100
77 73.5 59.8 89.6
51 23.0 17.9 26.9

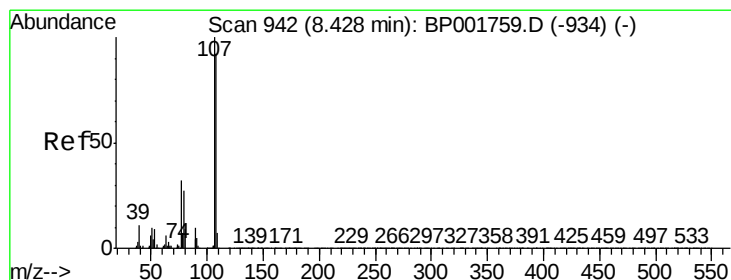
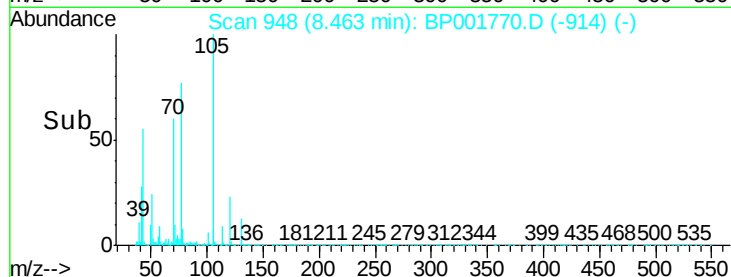
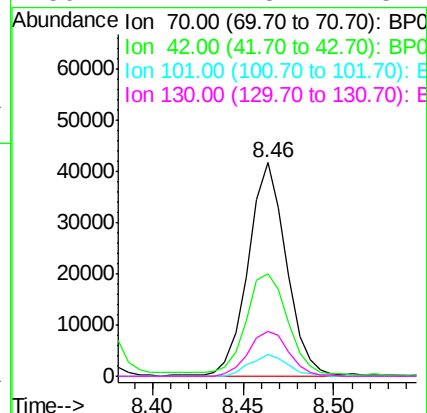
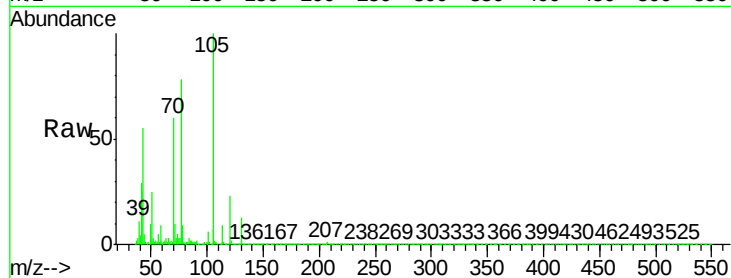




#15
N-Nitroso-di-n-propylamine
Concen: 3.733 ng/ul
RT: 8.46 min Scan# 948
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

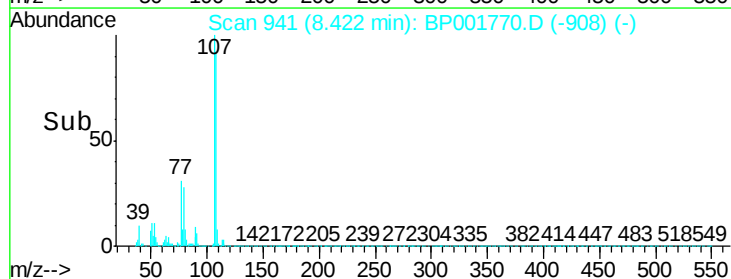
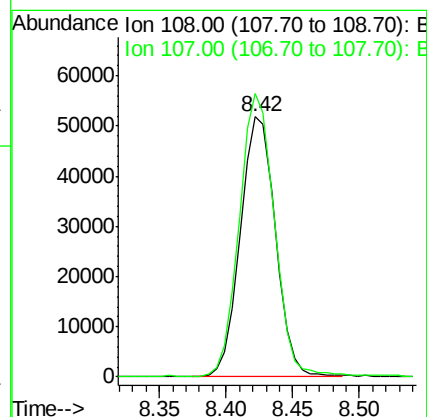
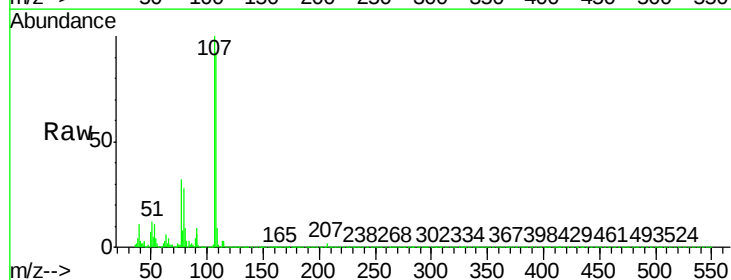
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

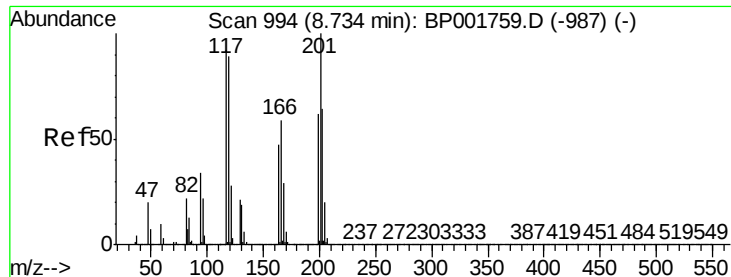
Tot Ion:	70	Resp:	60925
Ion	Ratio	Lower	Upper
70	100		
42	48.2	41.8	62.6
101	9.9	8.0	12.0
130	21.1	18.7	28.1



#16
4-Methylphenol
Concen: 3.803 ng/ul
RT: 8.42 min Scan# 941
Delta R.T. -0.01 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion:	108	Resp:	94351
Ion	Ratio	Lower	Upper
108	100		
107	108.8	87.3	130.9





#17

Hexachloroethane

Concen: 3.870 ng/ul

RT: 8.73 min Scan# 994

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

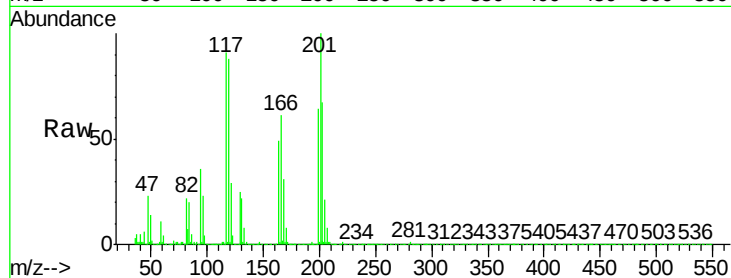
Tot Ion:117 Resp: 37798

Ion Ratio Lower Upper

117 100

201 109.7 87.2 130.8

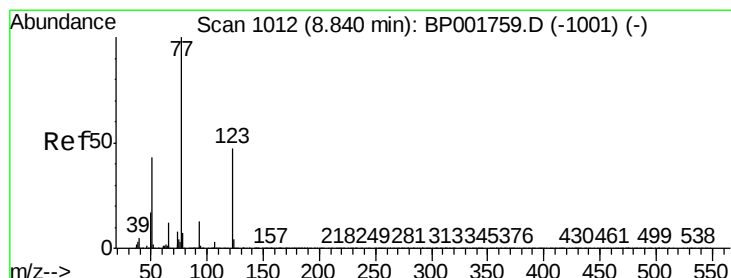
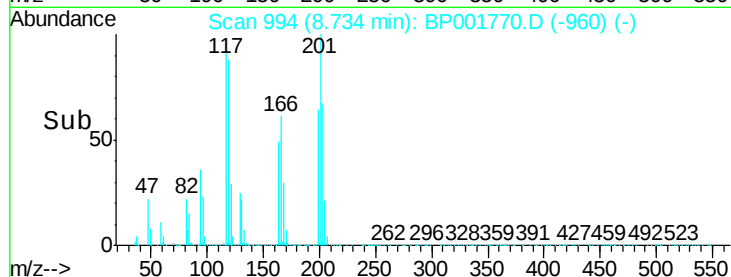
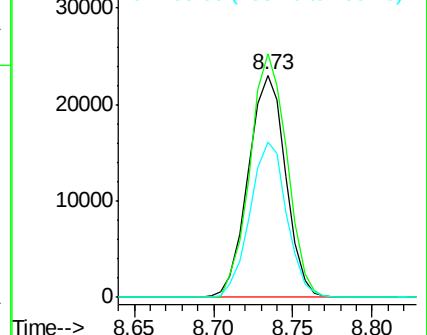
199 69.9 54.4 81.6



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



#20

Nitrobenzene

Concen: 4.021 ng/ul

RT: 8.84 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

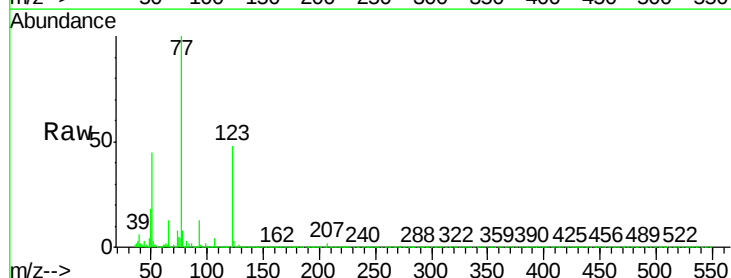
Tgt Ion: 77 Resp: 105368

Ion Ratio Lower Upper

77 100

123 48.1 37.2 55.8

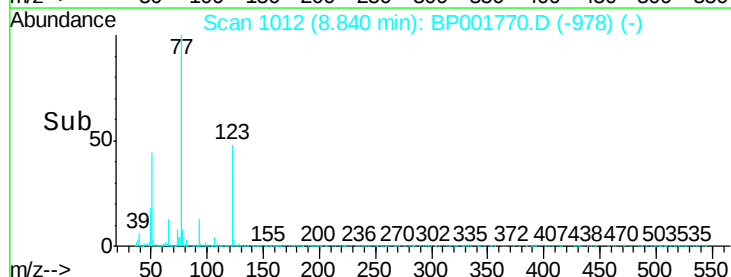
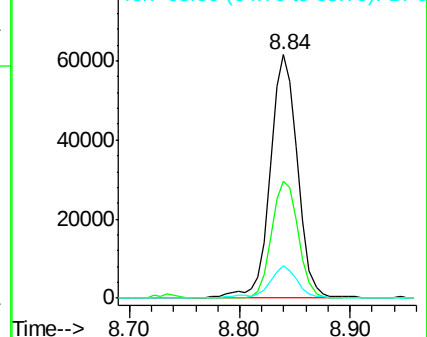
65 13.1 9.5 14.3

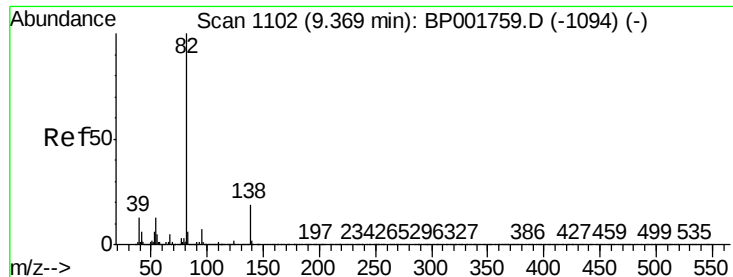


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BP0





#21

Isophorone

Concen: 3.421 ng/ul

RT: 9.37 min Scan# 1102

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

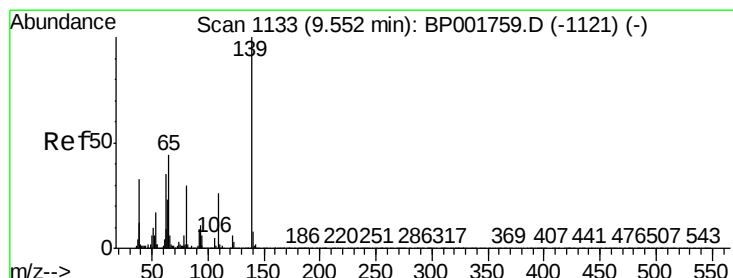
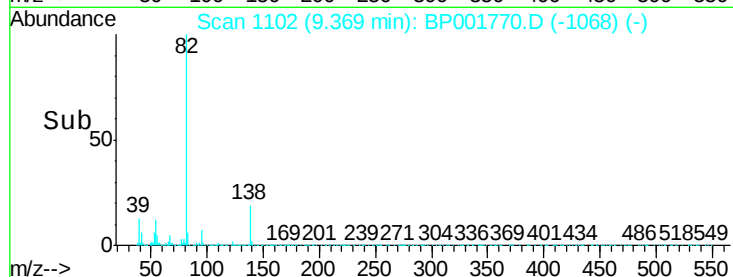
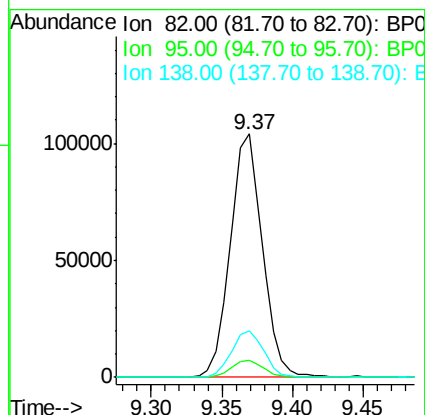
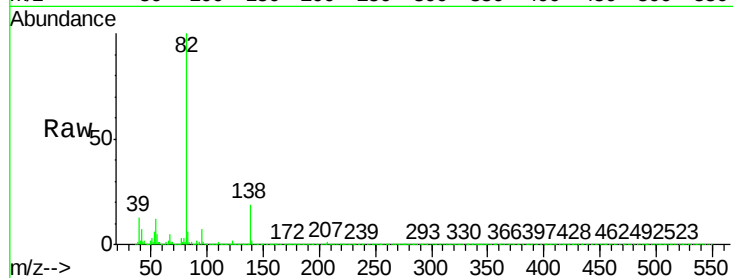
Tot Ion: 82 Resp: 164795

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 19.2 15.4 23.2



#23

2-Nitrophenol

Concen: 4.143 ng/ul

RT: 9.55 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

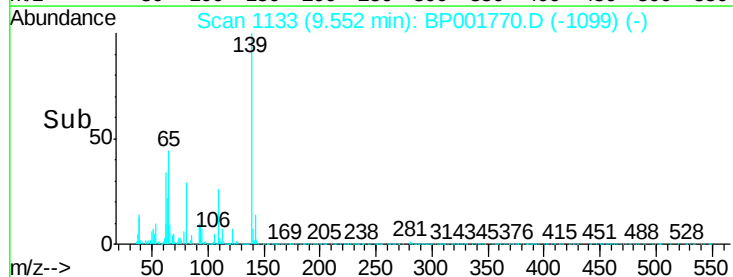
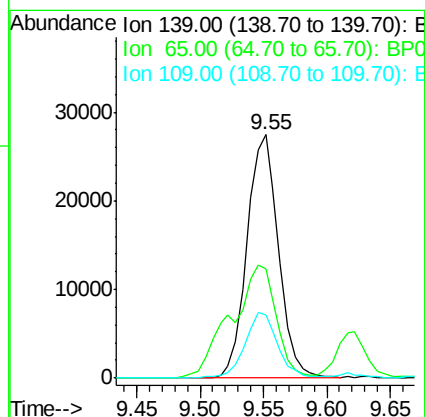
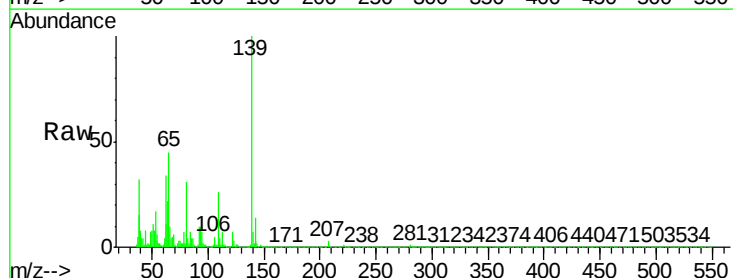
Tgt Ion: 139 Resp: 47457

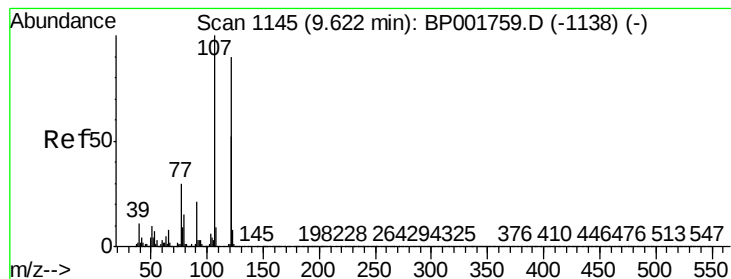
Ion Ratio Lower Upper

139 100

65 44.7 35.0 52.6

109 26.0 20.8 31.2





#24

2,4-Dimethylphenol

Concen: 3.669 ng/ul

RT: 9.62 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

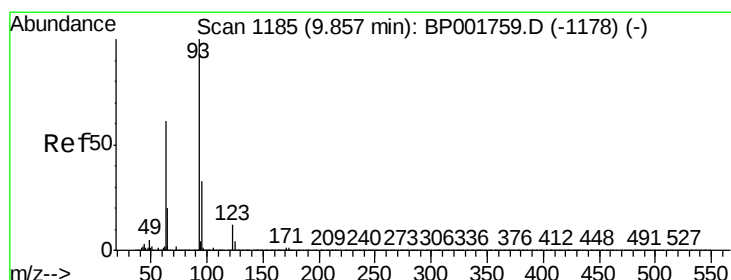
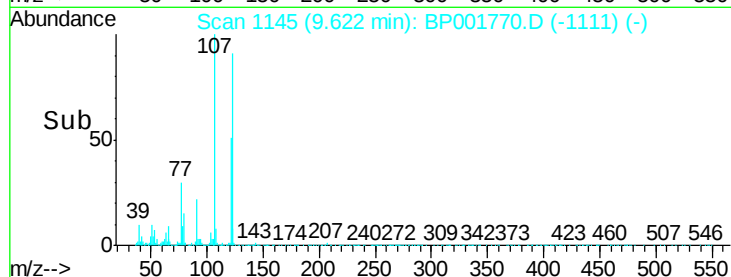
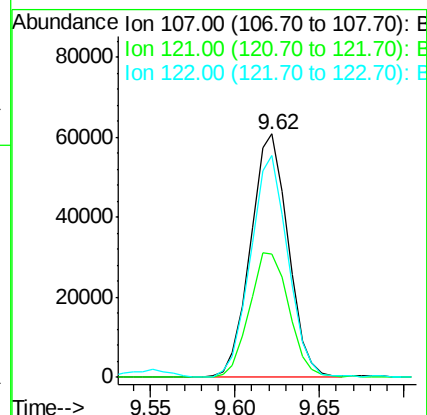
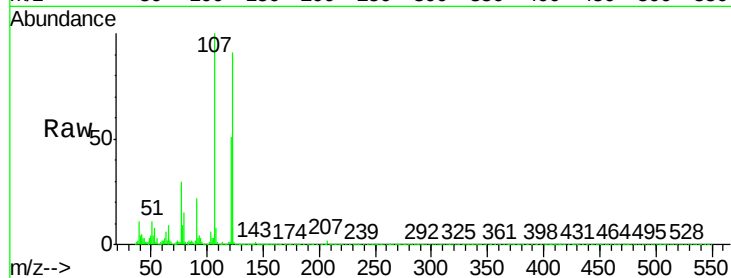
Tot Ion: 107 Resp: 94390

Ion Ratio Lower Upper

107 100

121 50.9 41.8 62.6

122 91.3 72.4 108.6



#25

Bis(2-Chloroethoxy)methane

Concen: 3.755 ng/ul

RT: 9.86 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

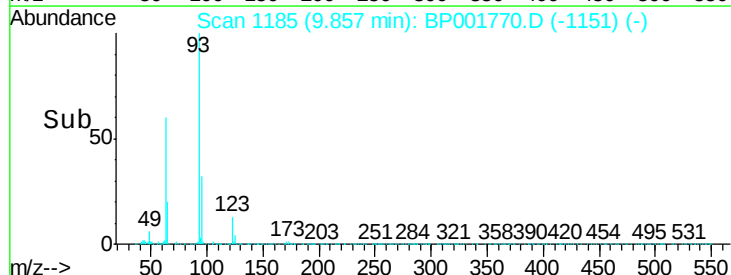
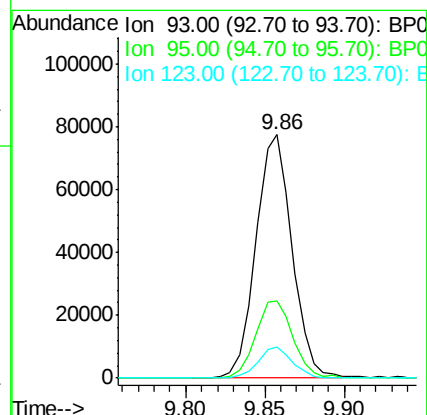
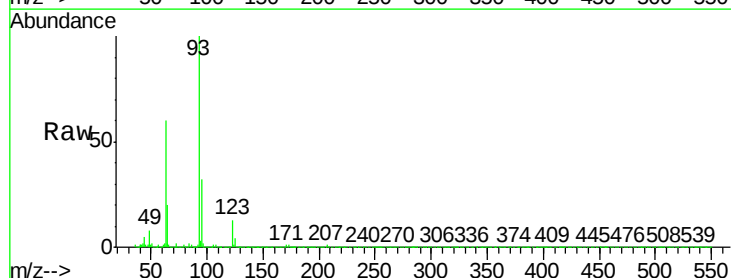
Tgt Ion: 93 Resp: 122408

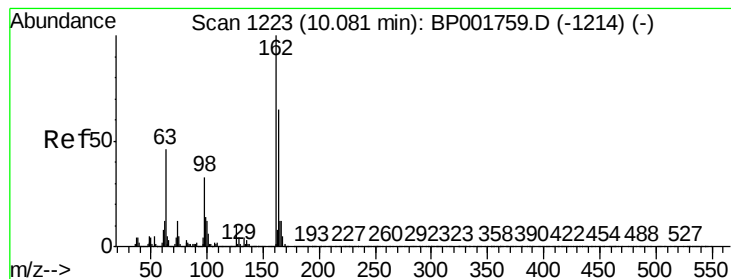
Ion Ratio Lower Upper

93 100

95 31.9 26.4 39.6

123 12.8 9.8 14.6





#27

2,4-Dichlorophenol

Concen: 3.860 ng/ul

RT: 10.08 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

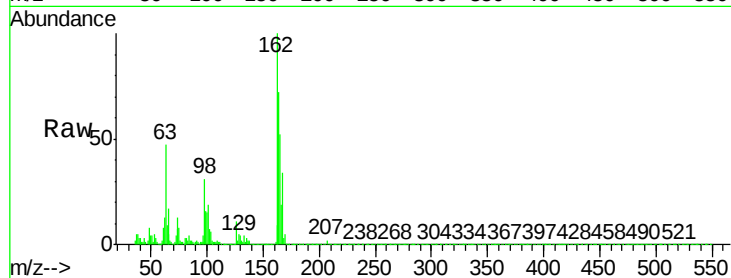
Tot Ion:162 Resp: 90066

Ion Ratio Lower Upper

162 100

164 72.2 52.3 78.5

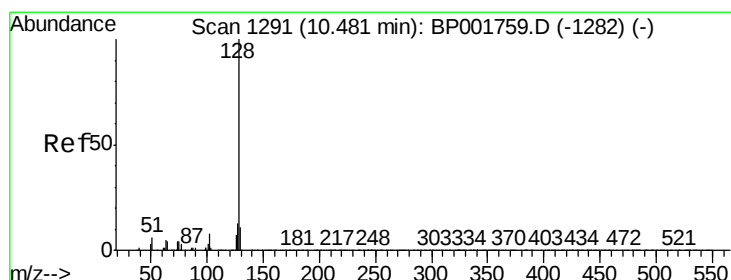
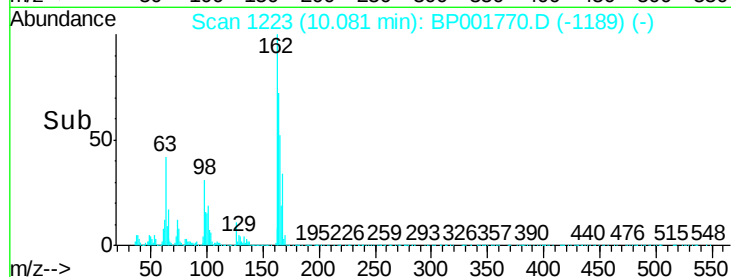
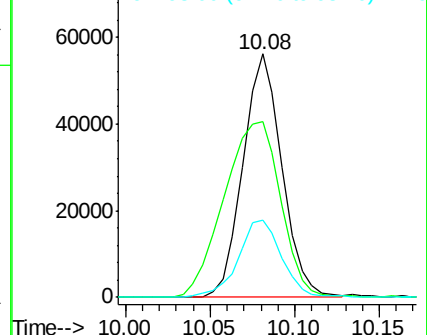
98 31.5 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BPO



#28

Naphthalene

Concen: 3.990 ng/ul

RT: 10.48 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

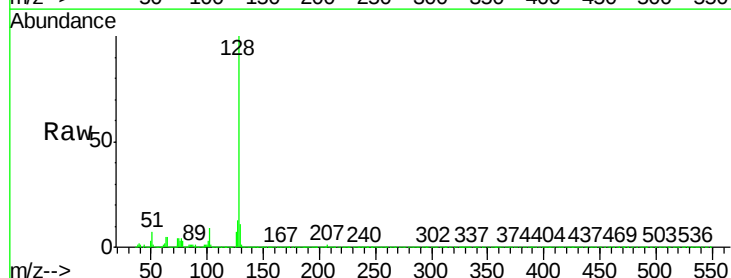
Tgt Ion:128 Resp: 332968

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

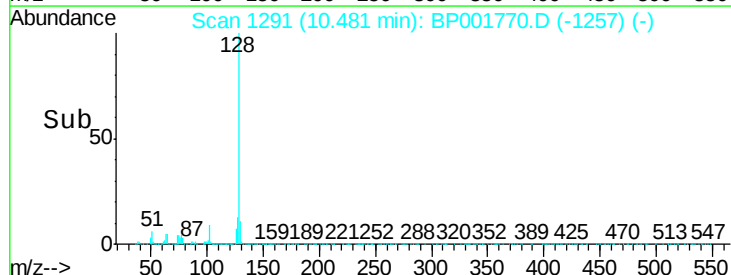
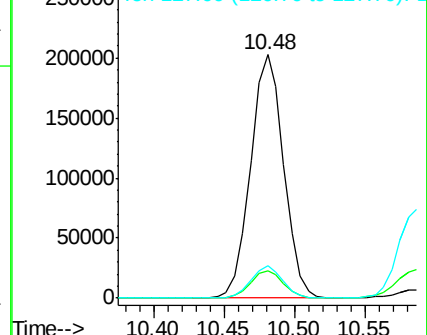
127 13.1 10.2 15.4

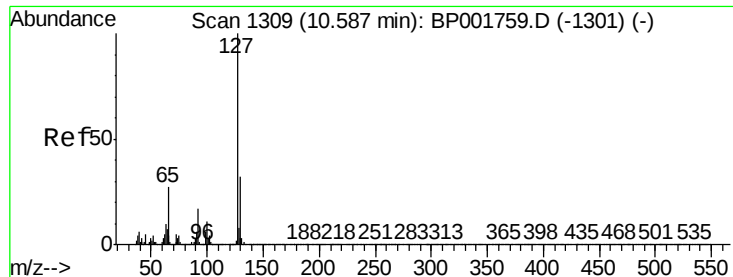


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

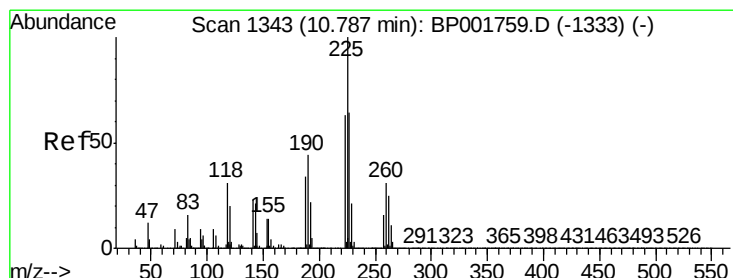
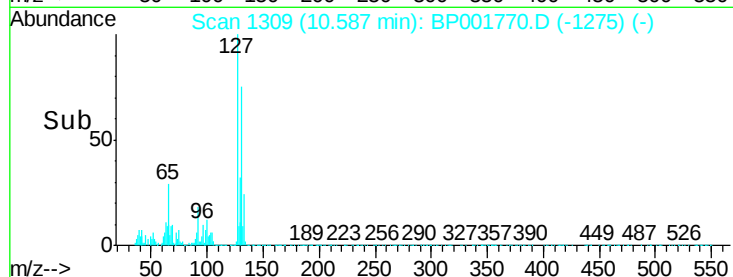
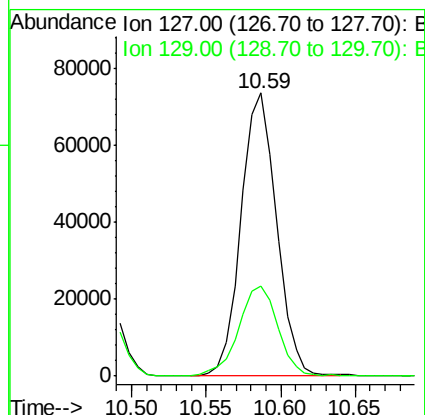
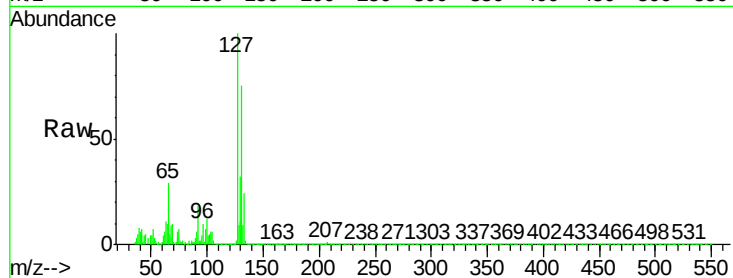




#30
4-Chloroaniline
Concen: 4.456 ng/ul
RT: 10.59 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

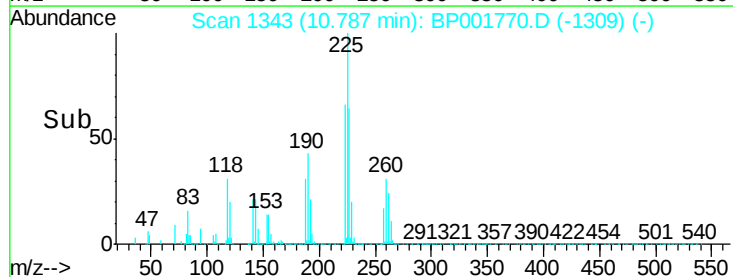
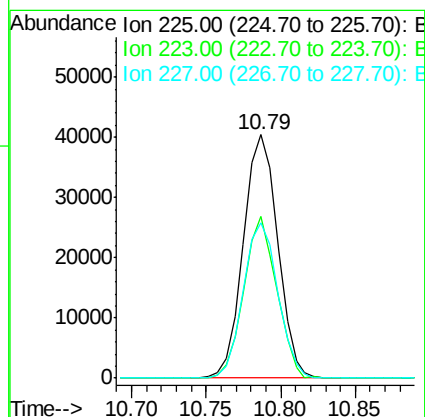
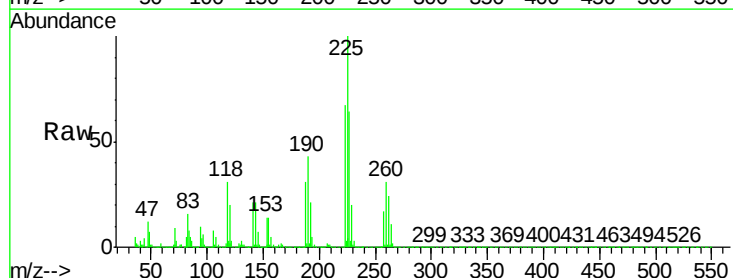
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

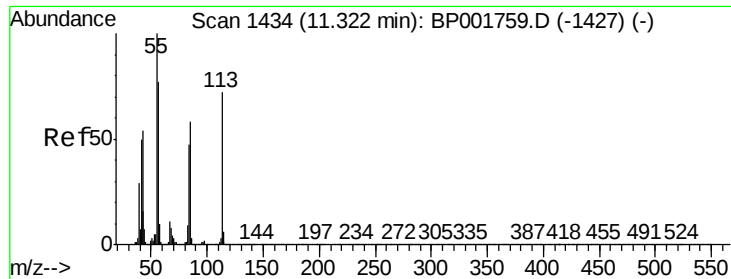
Tot Ion:127 Resp: 121102
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.6



#31
Hexachlorobutadiene
Concen: 3.907 ng/ul
RT: 10.79 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion:225 Resp: 64457
Ion Ratio Lower Upper
225 100
223 66.5 50.7 76.1
227 63.8 51.3 76.9





#32

Caprolactam

Concen: 2.566 ng/ul

RT: 11.35 min Scan# 1439

Delta R.T. 0.03 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

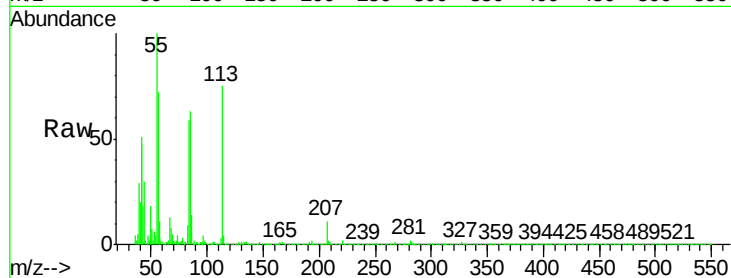
Tot Ion:113 Resp: 18088

Ion Ratio Lower Upper

113 100

55 134.1 111.0 166.6

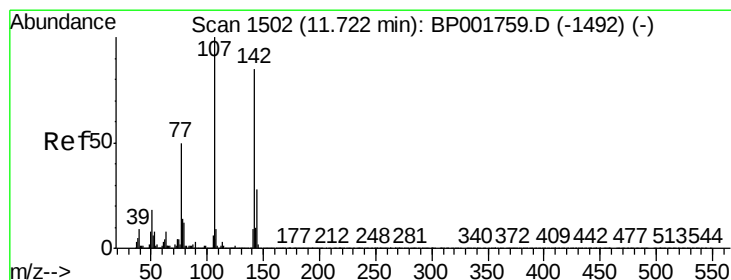
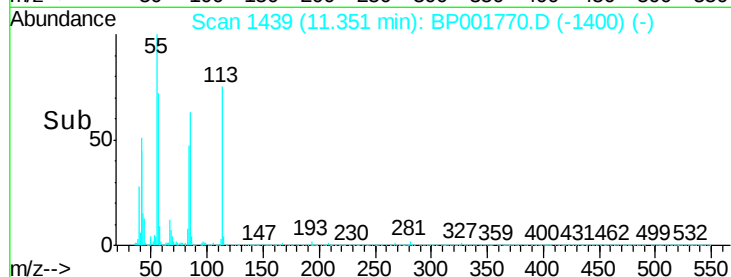
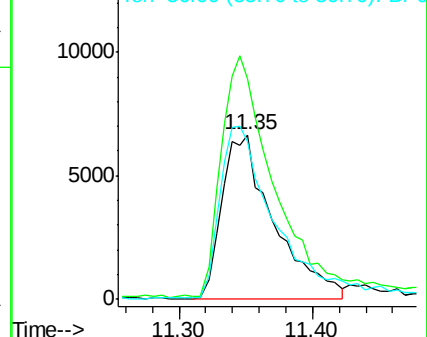
56 96.3 86.2 129.2



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: 3.238 ng/ul

RT: 11.72 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

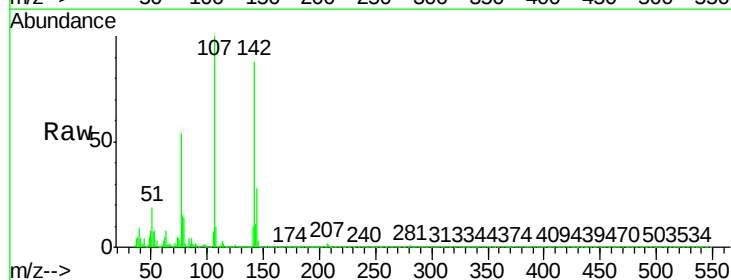
Tgt Ion:107 Resp: 71928

Ion Ratio Lower Upper

107 100

144 27.9 22.3 33.5

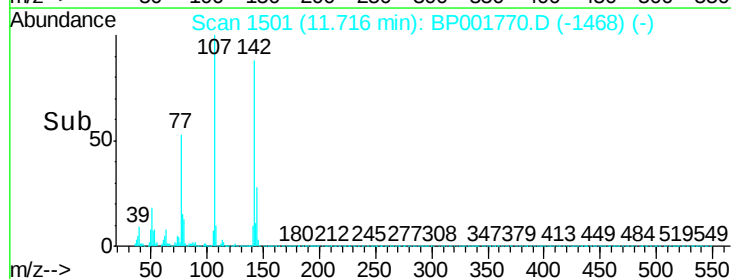
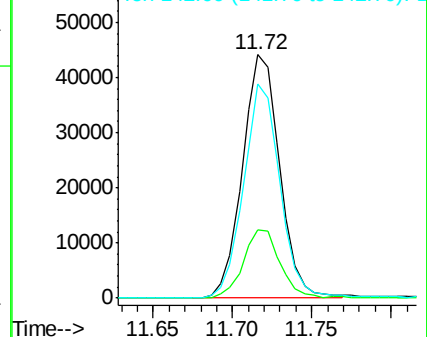
142 88.0 68.2 102.4

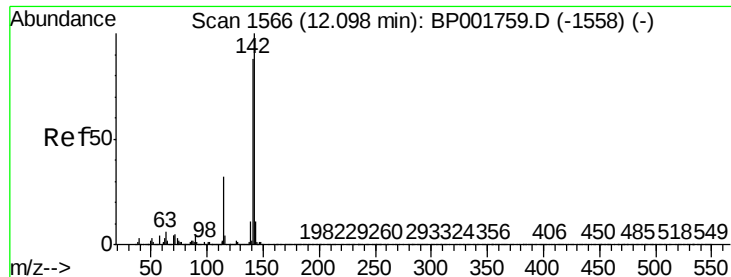


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

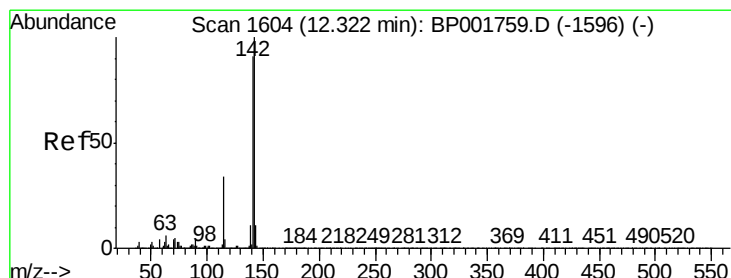
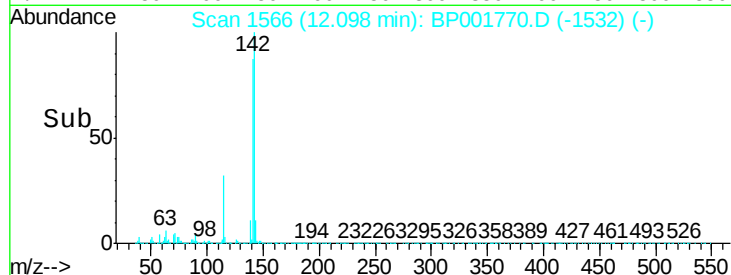
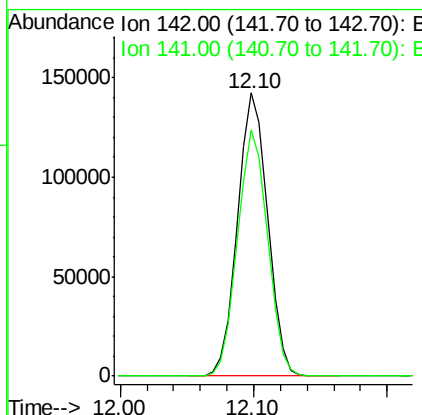
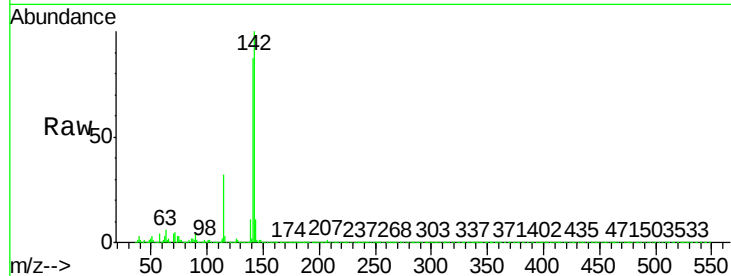




#34
2-Methylnaphthalene
Concen: 3.875 ng/ul
RT: 12.10 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

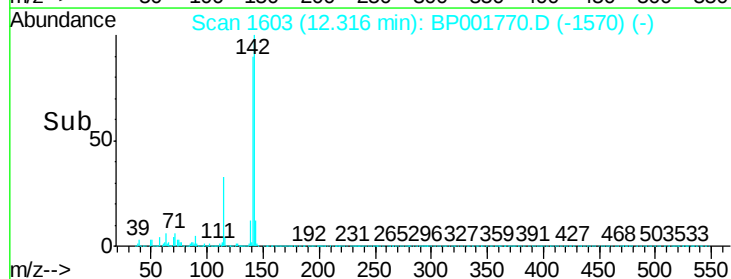
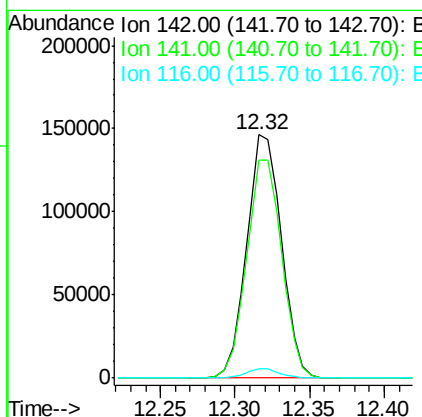
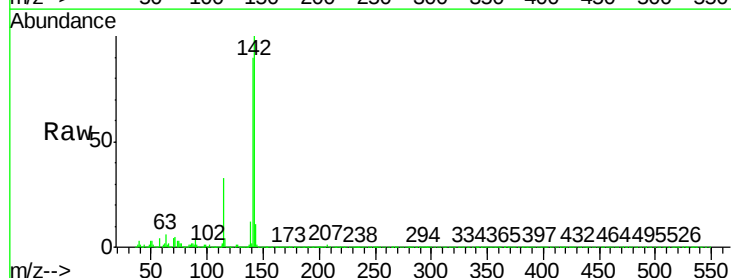
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

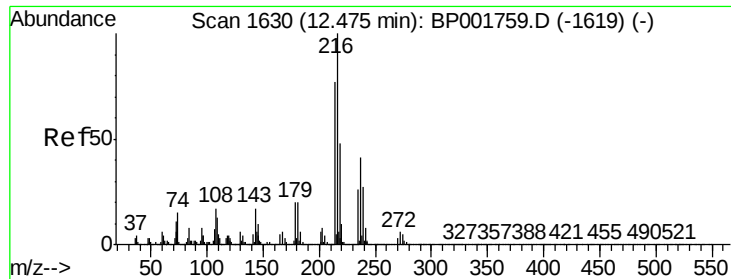
Tot Ion:142 Resp: 222921
Ion Ratio Lower Upper
142 100
141 87.1 70.2 105.4



#35
1-Methylnaphthalene
Concen: 4.143 ng/ul
RT: 12.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion:142 Resp: 234855
Ion Ratio Lower Upper
142 100
141 89.6 73.2 109.8
116 3.8 2.9 4.3

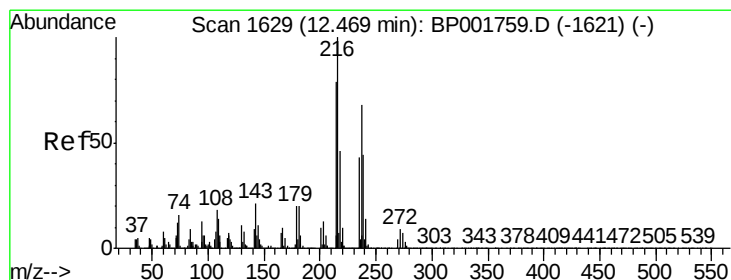
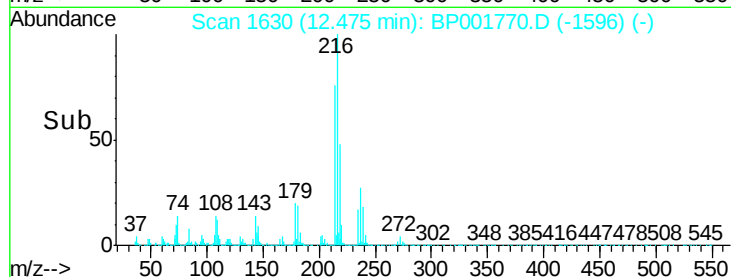
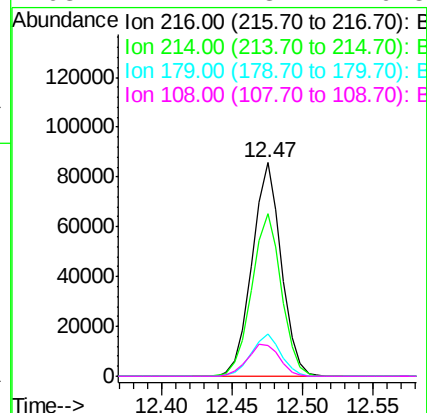
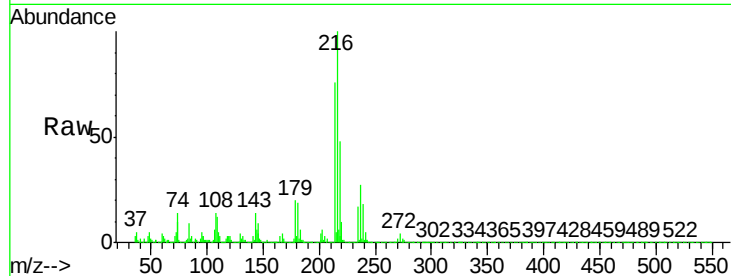




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.952 ng/ul
 RT: 12.47 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

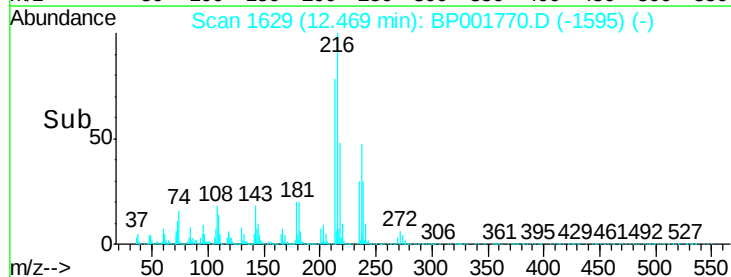
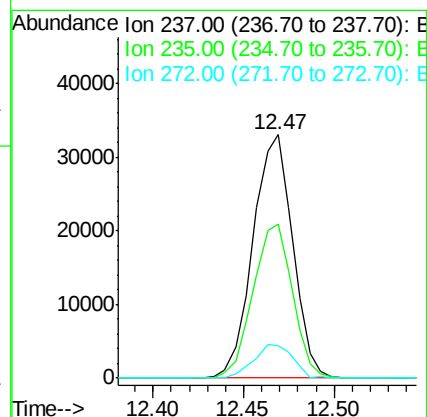
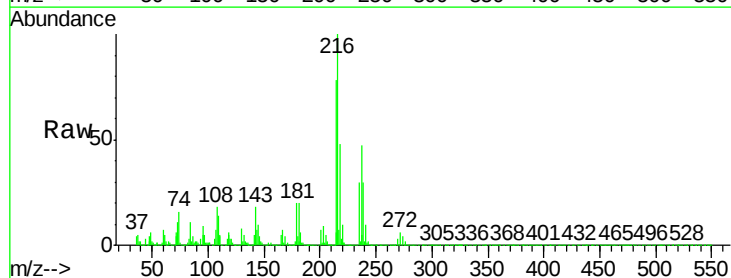
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-06

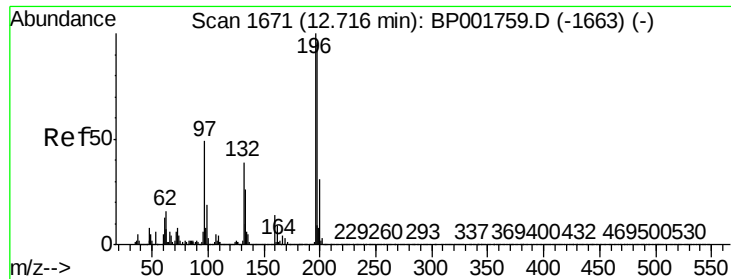
Tot Ion:	216	Resp:	124648
Ion	Ratio	Lower	Upper
216	100		
214	76.1	61.8	92.8
179	19.5	16.2	24.2
108	14.2	13.7	20.5



#38
 Hexachlorocyclopentadiene
 Concen: 2.944 ng/ul
 RT: 12.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

Tgt Ion:	237	Resp:	50156
Ion	Ratio	Lower	Upper
237	100		
235	63.3	50.2	75.4
272	13.3	10.7	16.1

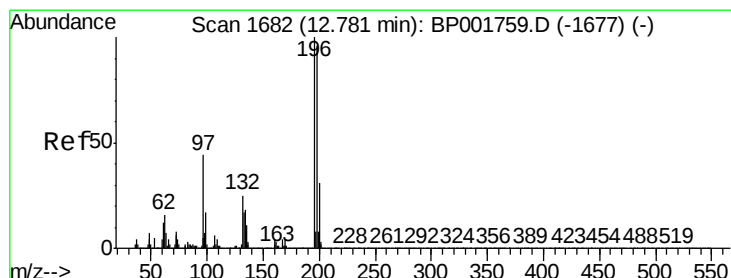
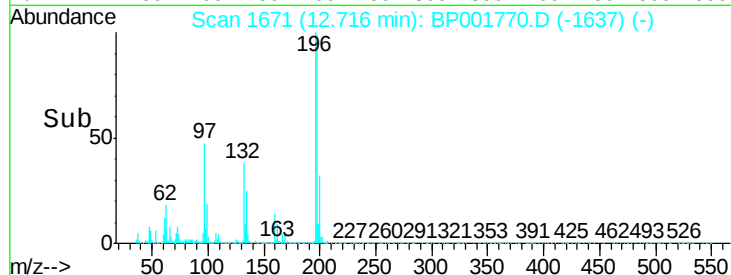
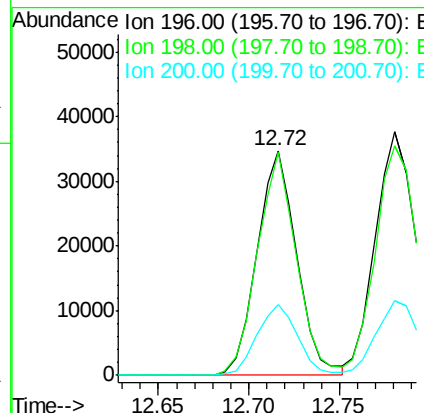
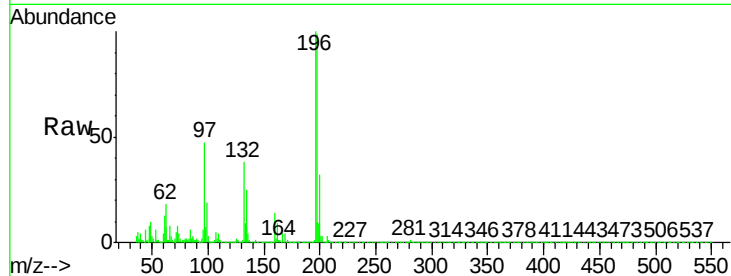




#39
 2,4,6-Trichlorophenol
 Concen: 3.130 ng/ul
 RT: 12.72 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

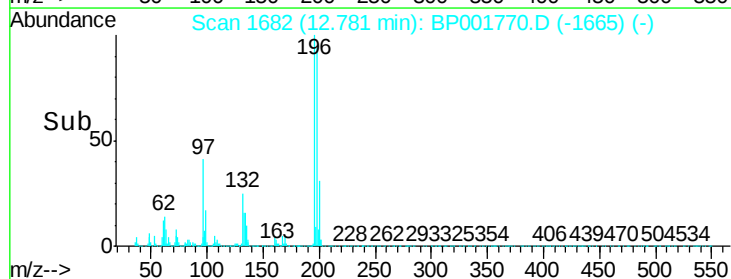
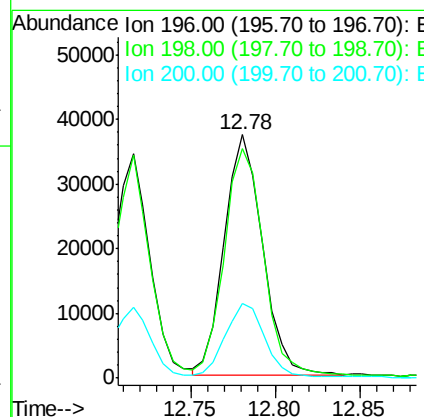
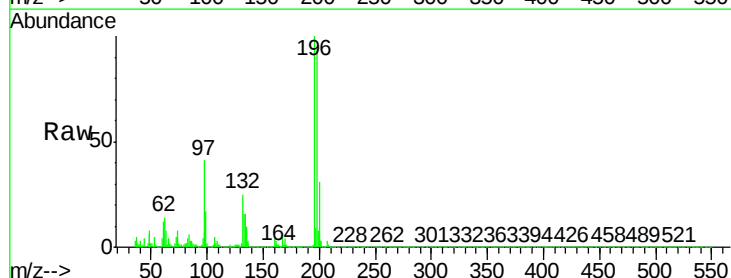
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-06

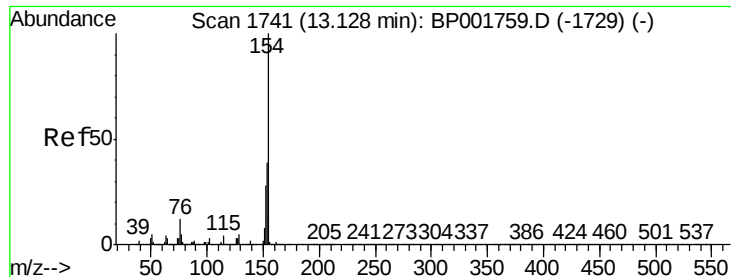
Tot Ion:196 Resp: 52759
 Ion Ratio Lower Upper
 196 100
 198 98.9 76.6 115.0
 200 31.5 24.6 37.0



#40
 2,4,5-Trichlorophenol
 Concen: 3.160 ng/ul
 RT: 12.78 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

Tgt Ion:196 Resp: 58641
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.2 115.8
 200 30.9 24.7 37.1

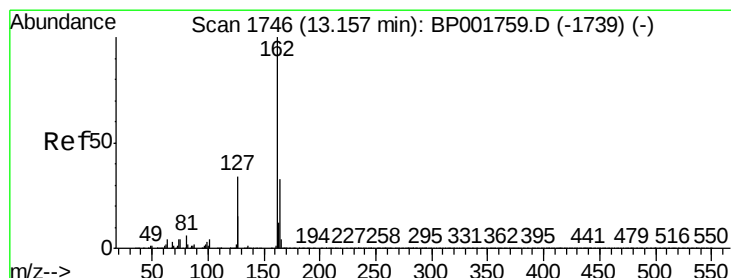
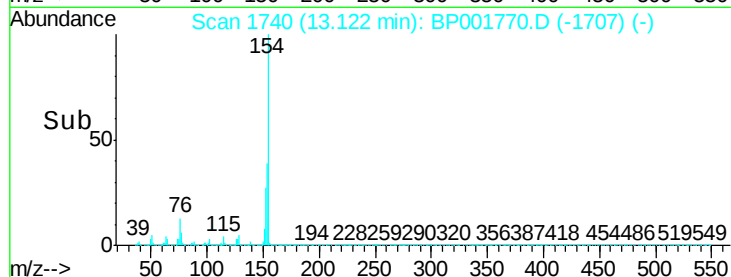
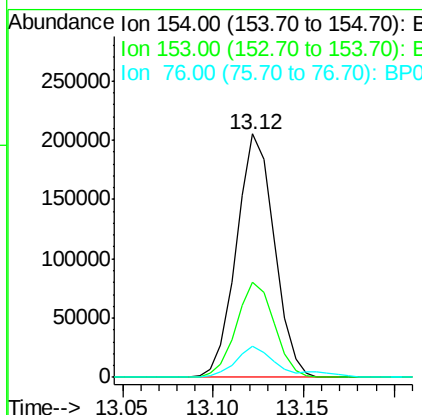
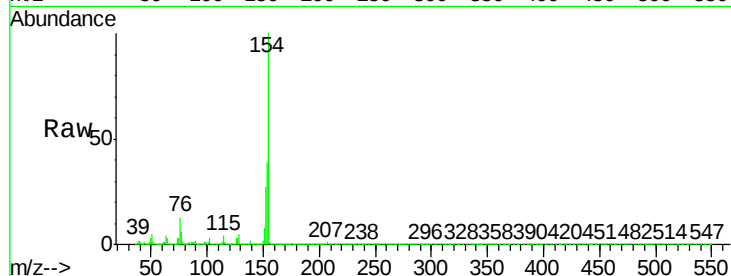




#41
1,1'-Biphenyl
Concen: 3.930 ng/ul
RT: 13.12 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

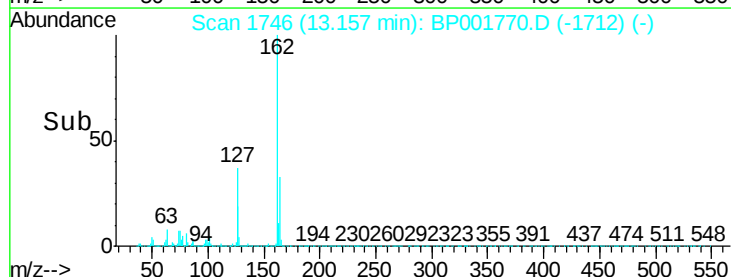
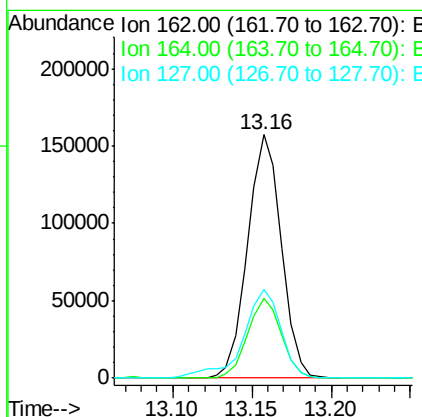
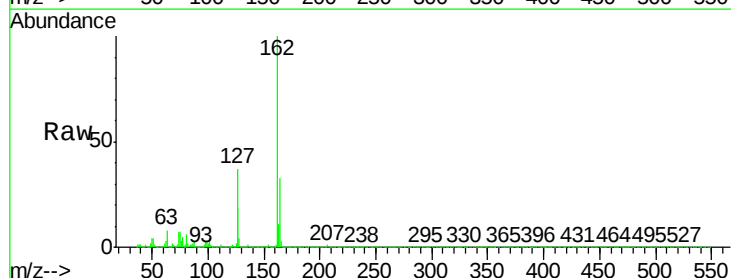
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

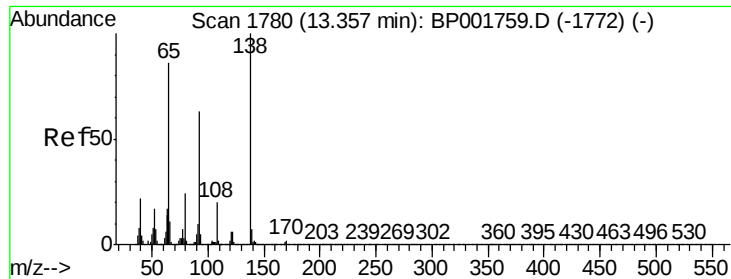
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	31.5	47.3
76	12.6	9.4	14.2



#42
2-Chloronaphthalene
Concen: 3.902 ng/ul
RT: 13.16 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.7	26.4	39.6
127	36.6	29.7	44.5

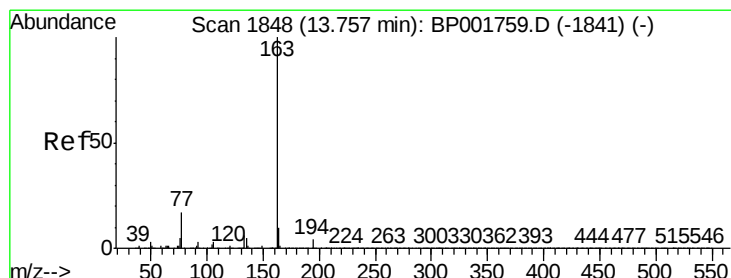
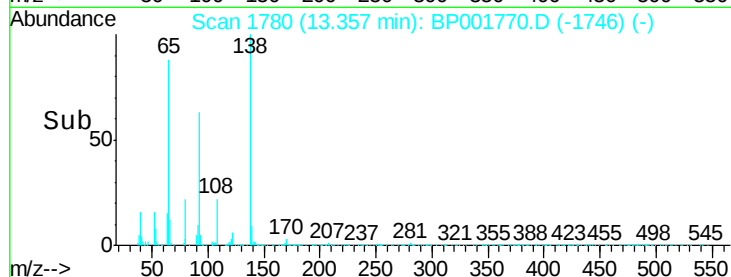
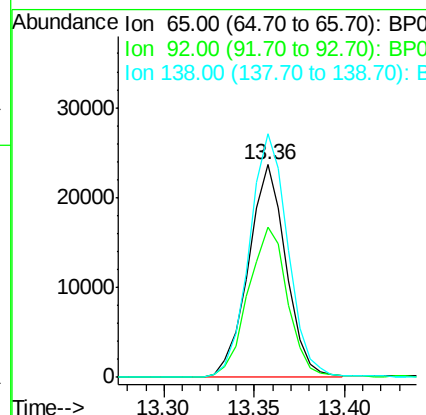
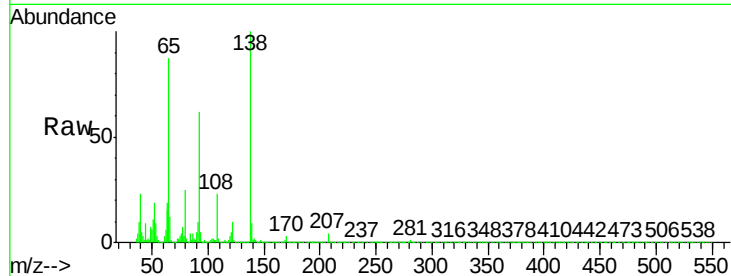




#43
2-Nitroaniline
Concen: 2.849 ng/ul
RT: 13.36 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

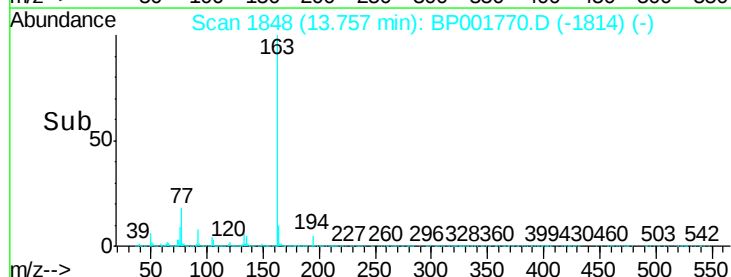
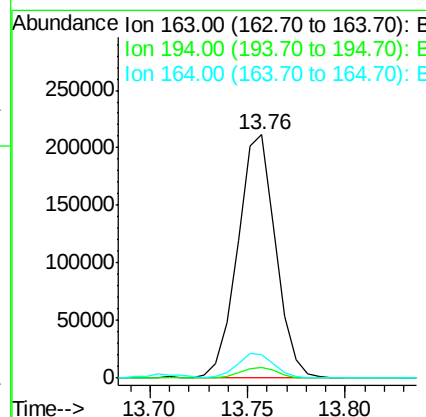
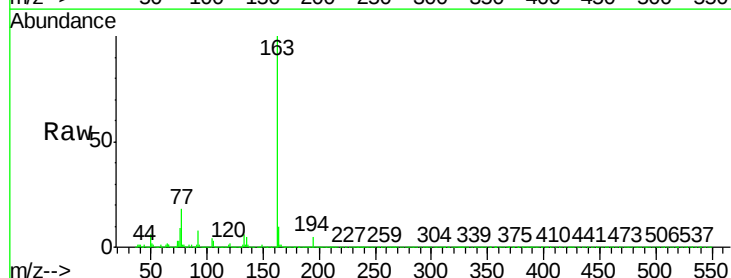
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

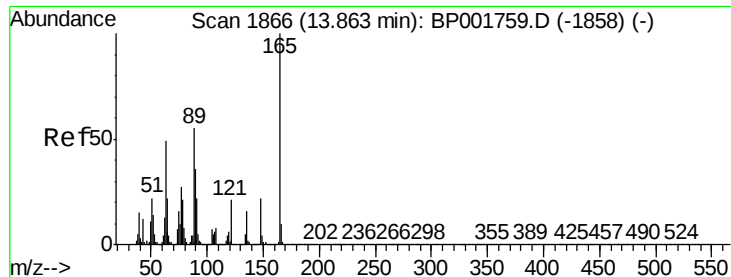
Tot Ion: 65 Resp: 34082
Ion Ratio Lower Upper
65 100
92 71.0 59.1 88.7
138 114.7 93.4 140.0



#45
Dimethylphthalate
Concen: 3.949 ng/ul
RT: 13.76 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion: 163 Resp: 282457
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 9.8 8.0 12.0

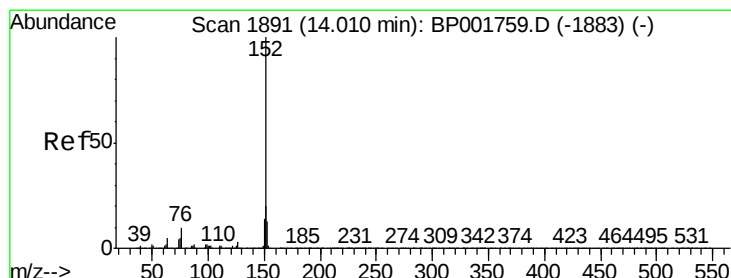
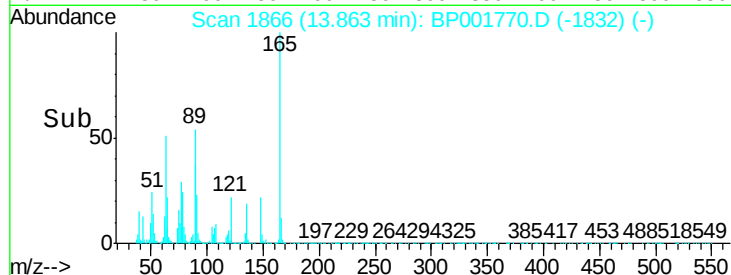
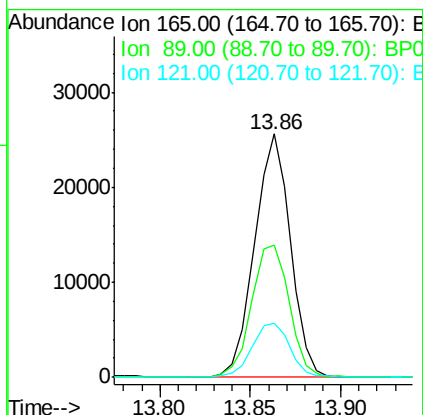
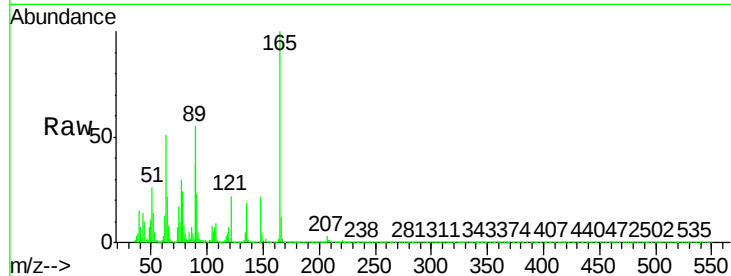




#46
2,6-Dinitrotoluene
Concen: 2.813 ng/ul
RT: 13.86 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

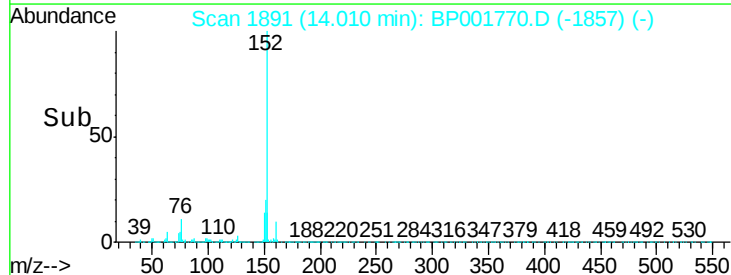
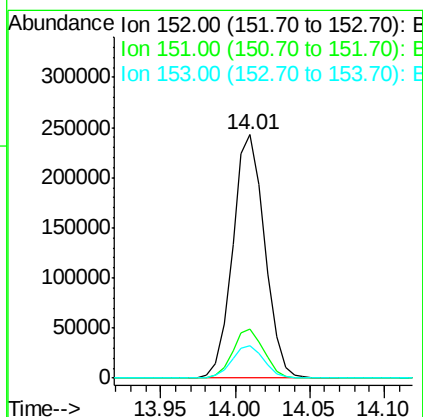
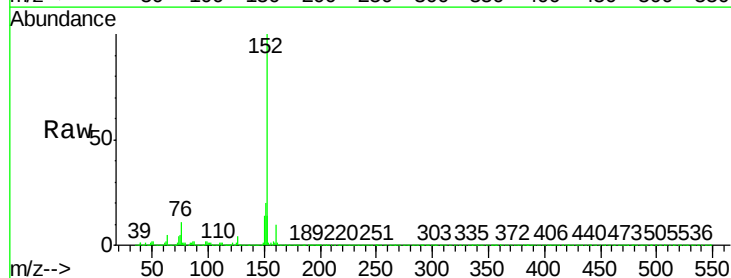
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

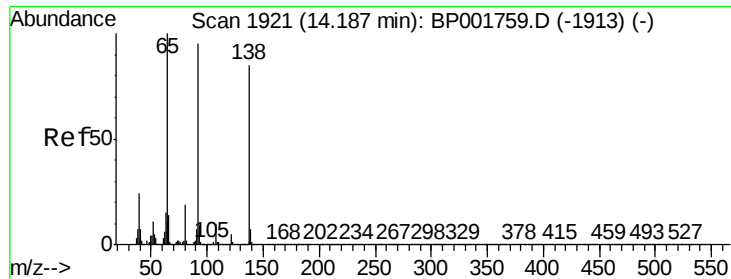
Tot Ion	Ratio	Lower	Upper
165	100		
89	54.6	43.9	65.9
121	22.3	16.7	25.1



#48
Acenaphthylene
Concen: 3.980 ng/ul
RT: 14.01 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.6	10.7	16.1

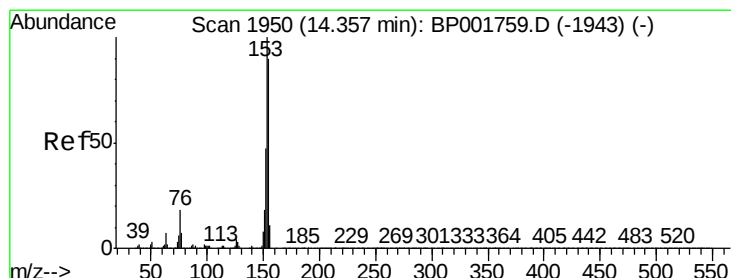
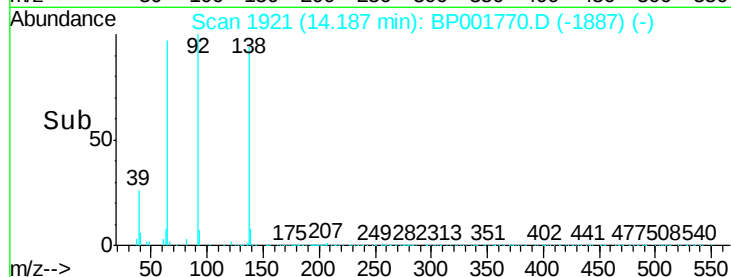
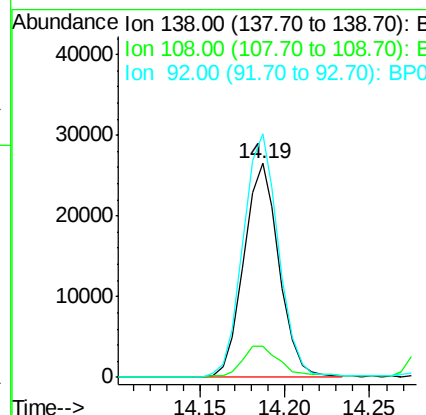
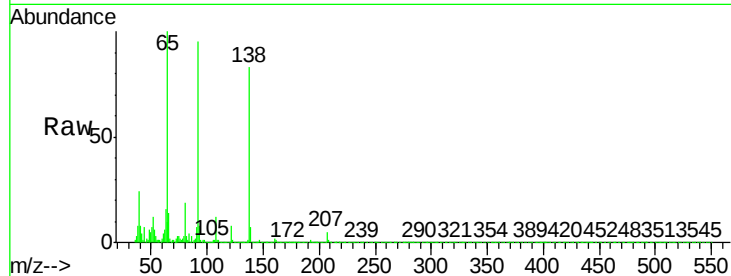




#49
3-Nitroaniline
Concen: 3.033 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

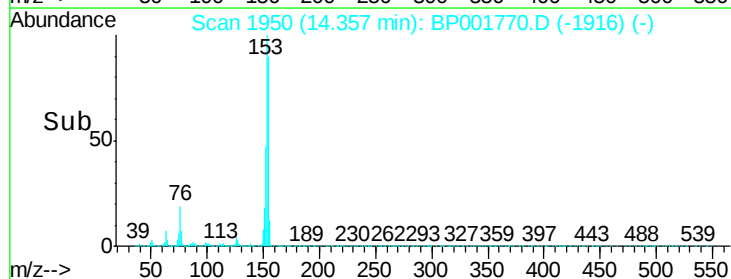
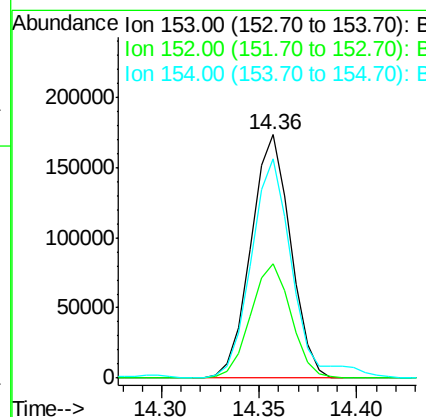
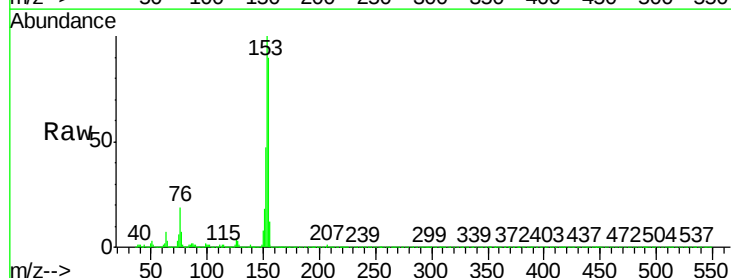
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

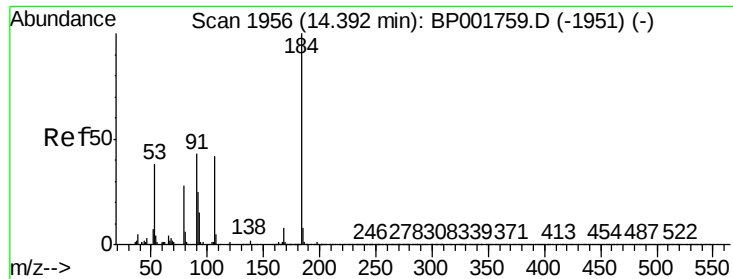
Tot Ion:138 Resp: 38485
Ion Ratio Lower Upper
138 100
108 14.4 9.9 14.9
92 114.0 88.9 133.3



#50
Acenaphthene
Concen: 3.934 ng/ul
RT: 14.36 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion:153 Resp: 244045
Ion Ratio Lower Upper
153 100
152 47.1 37.8 56.8
154 89.8 71.9 107.9

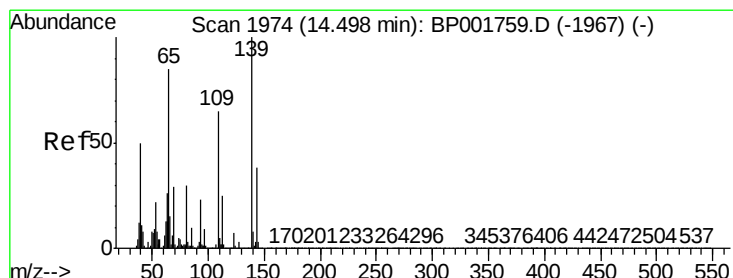
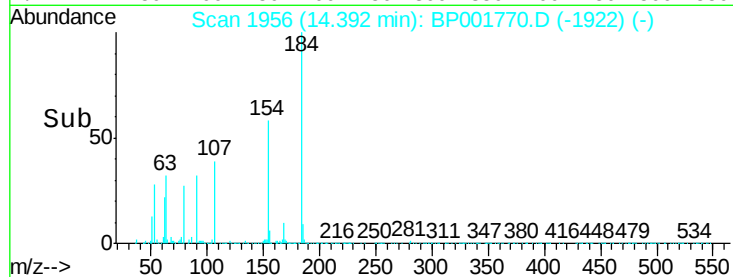
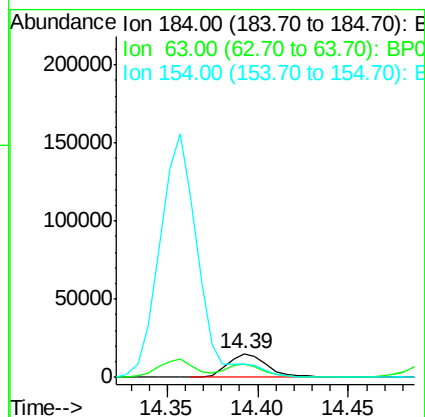
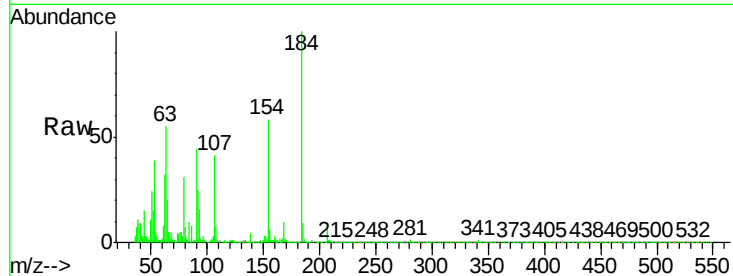




#51
2,4-Dinitrophenol
Concen: 4.404 ng/ul
RT: 14.39 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

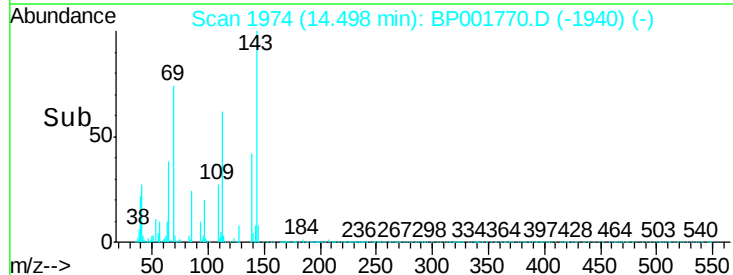
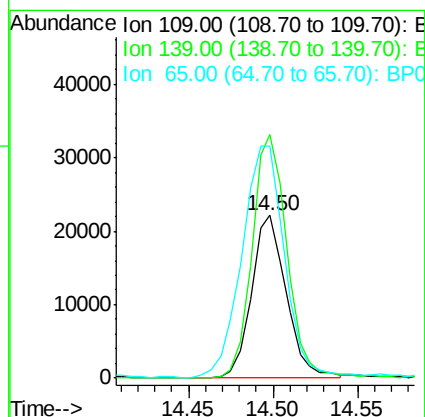
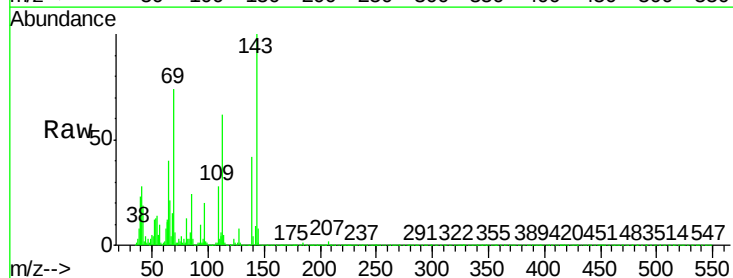
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

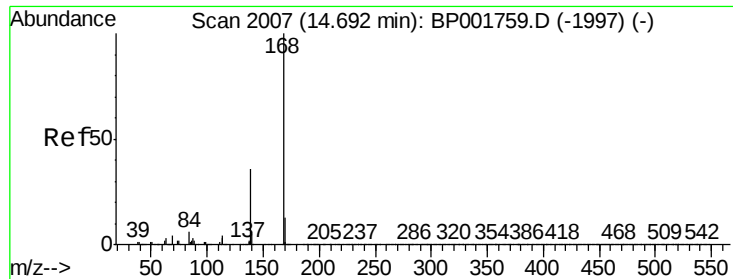
Tot Ion:184 Resp: 22778
Ion Ratio Lower Upper
184 100
63 54.6 45.9 68.9
154 57.5 47.3 70.9



#53
4-Nitrophenol
Concen: 3.604 ng/ul
RT: 14.50 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion:109 Resp: 31575
Ion Ratio Lower Upper
109 100
139 149.7 123.1 184.7
65 143.0 105.0 157.6





#54

Dibenzofuran

Concen: 4.031 ng/ul

RT: 14.69 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

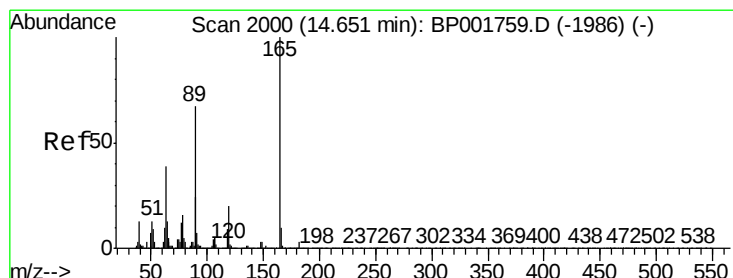
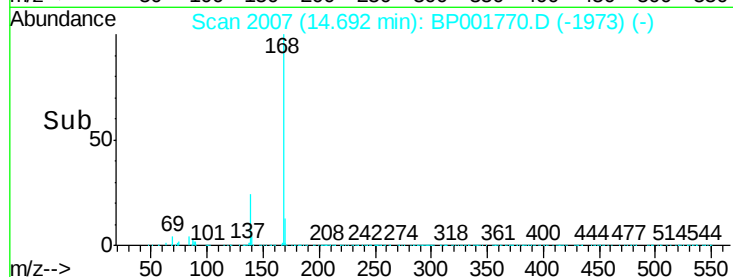
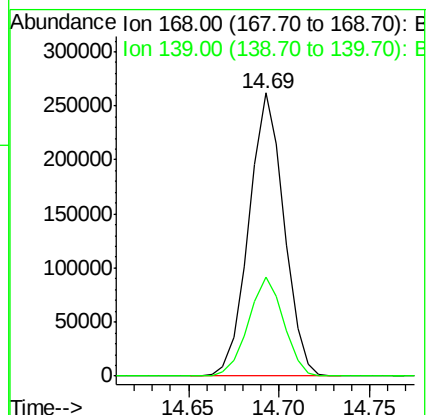
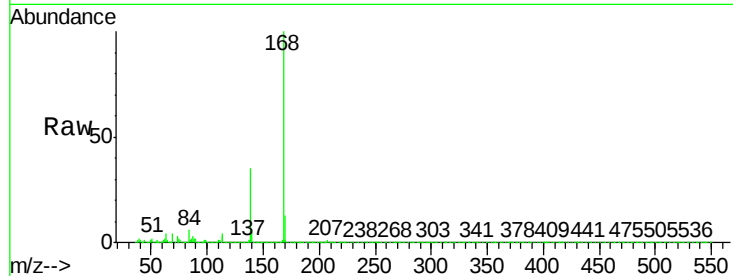
MDL-SOIL-06

Tot Ion:168 Resp: 352168

Ion Ratio Lower Upper

168 100

139 35.2 28.6 43.0



#55

2,4-Dinitrotoluene

Concen: 3.231 ng/ul

RT: 14.65 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

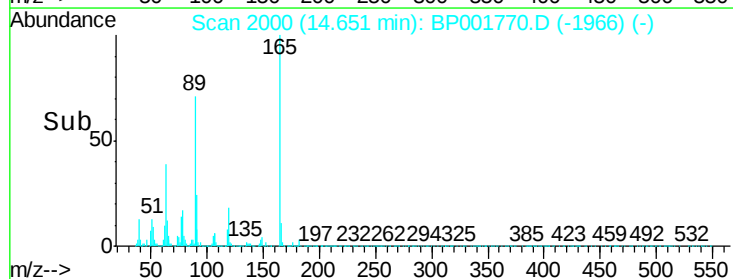
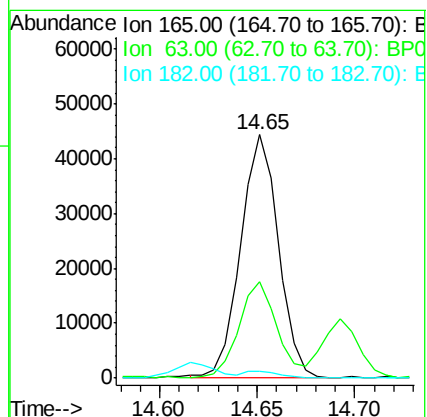
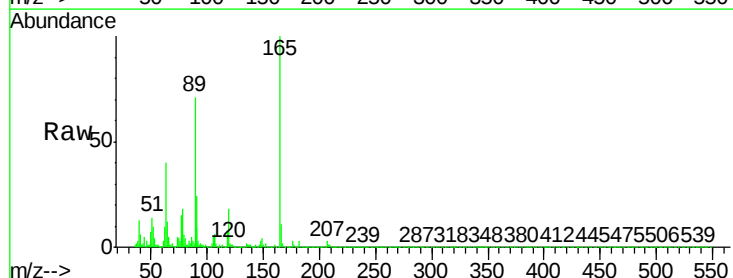
Tgt Ion:165 Resp: 59301

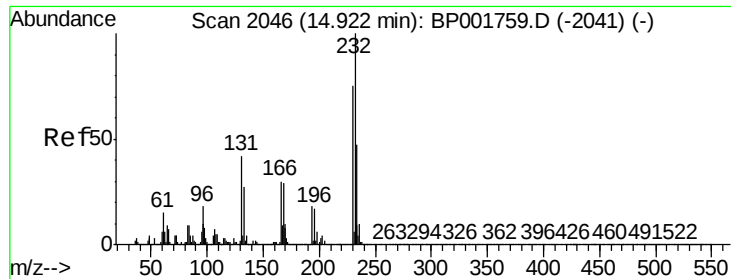
Ion Ratio Lower Upper

165 100

63 39.7 31.0 46.6

182 2.8 2.4 3.6

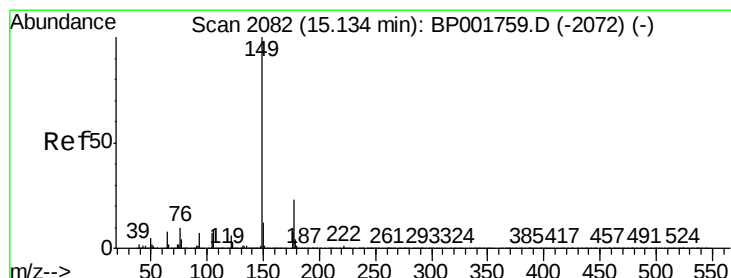
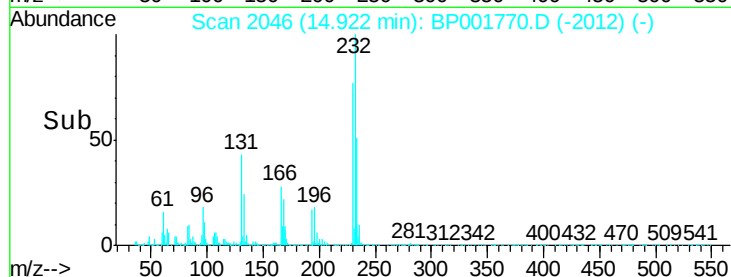
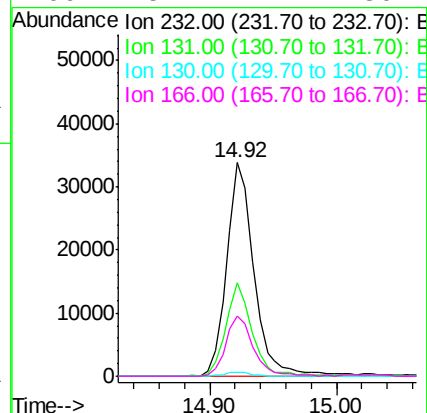
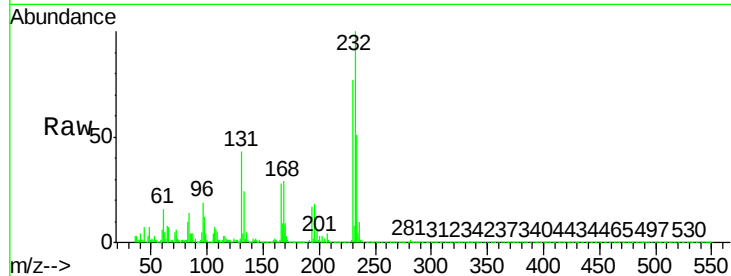




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 3.366 ng/ul
 RT: 14.92 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

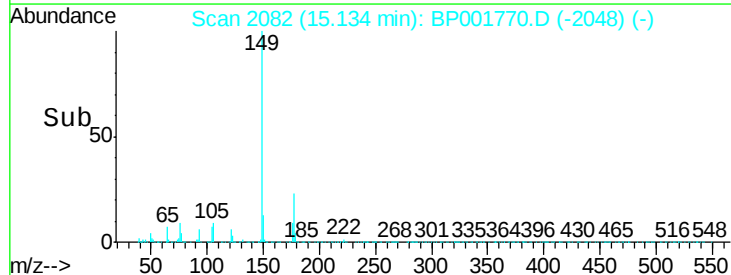
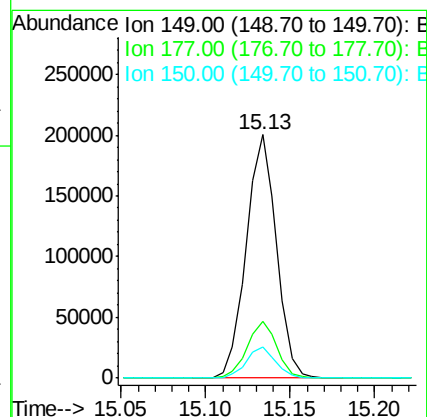
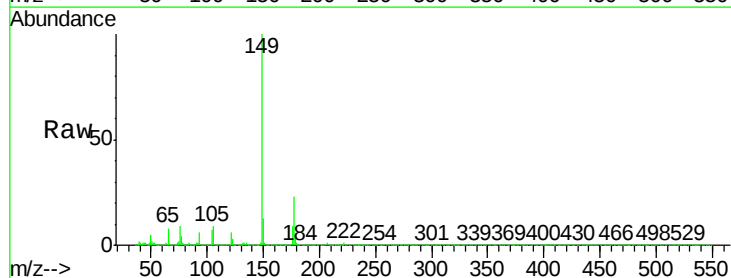
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-06

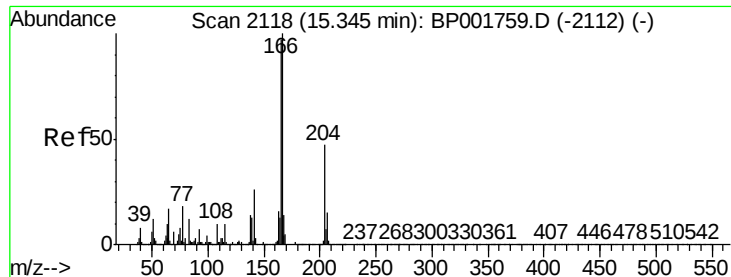
Tot Ion:232	Resp:	50497
Ion Ratio	Lower	Upper
232	100	
131	43.5	34.1 51.1
130	2.0	1.8 2.6
166	28.4	24.2 36.4



#57
 Diethylphthalate
 Concen: 3.647 ng/ul
 RT: 15.13 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

Tgt Ion:149	Resp:	249383
Ion Ratio	Lower	Upper
149	100	
177	23.5	18.1 27.1
150	12.7	9.8 14.8





#59

Fluorene

Concen: 4.118 ng/ul

RT: 15.35 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

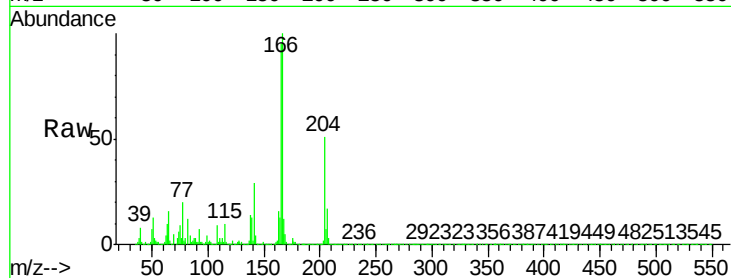
Tot Ion:166 Resp: 286149

Ion Ratio Lower Upper

166 100

165 94.7 77.3 115.9

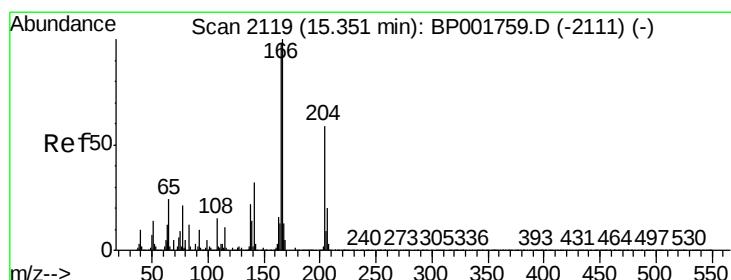
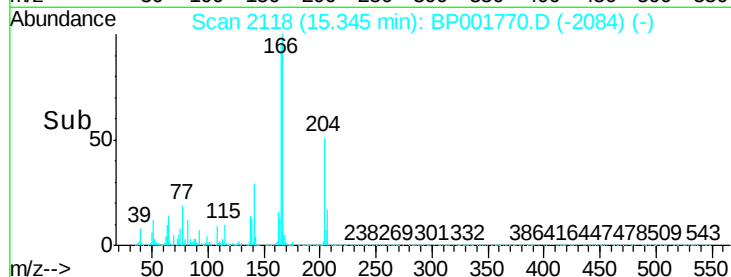
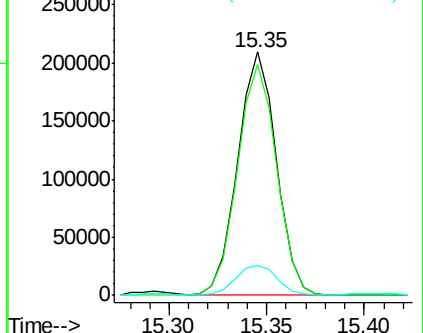
167 12.4 11.0 16.6



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



#60

4-Chlorophenyl-phenylether

Concen: 4.085 ng/ul

RT: 15.35 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

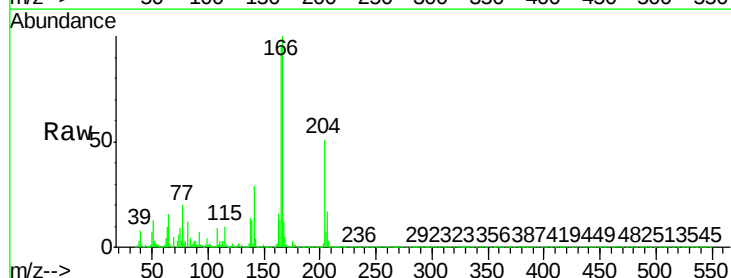
Tgt Ion:204 Resp: 147320

Ion Ratio Lower Upper

204 100

206 32.9 26.6 40.0

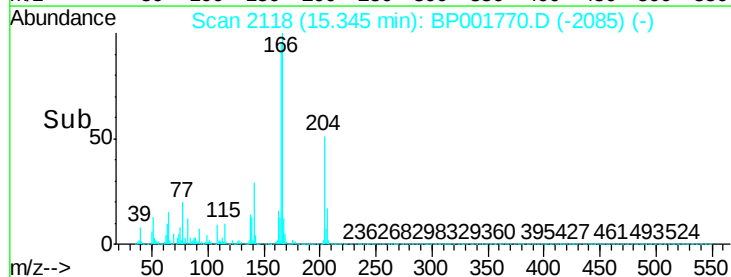
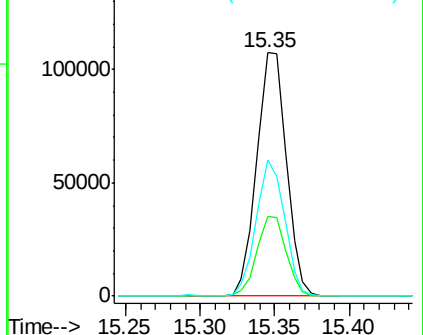
141 56.0 43.1 64.7

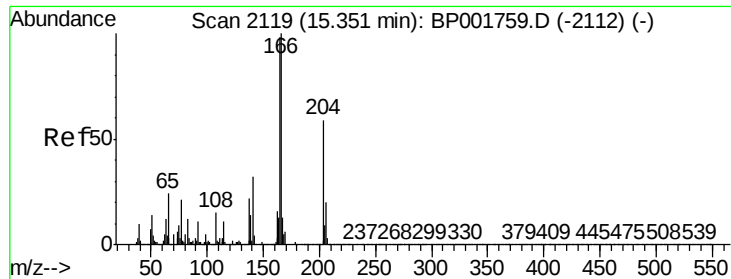


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

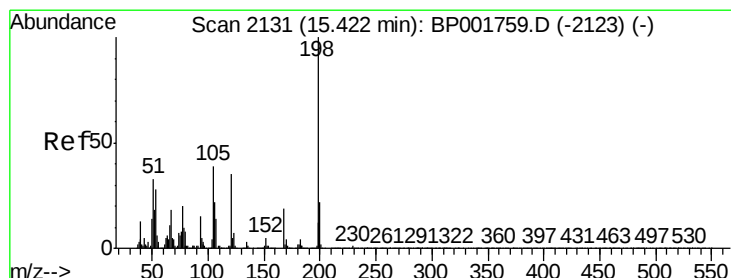
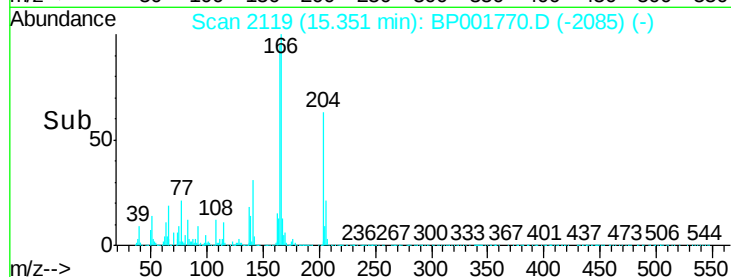
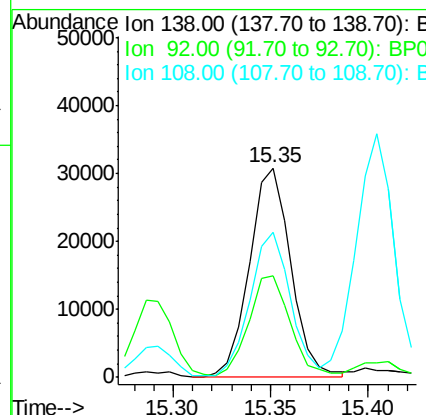
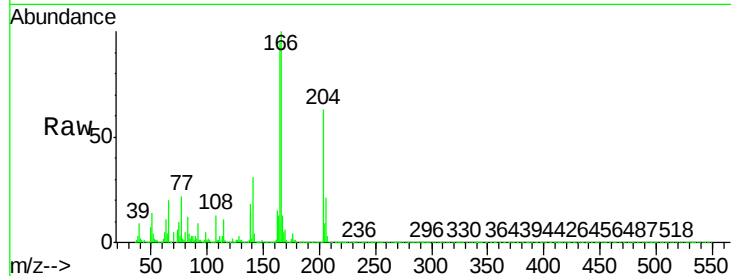




#61
4-Nitroaniline
Concen: 3.141 ng/ul
RT: 15.35 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

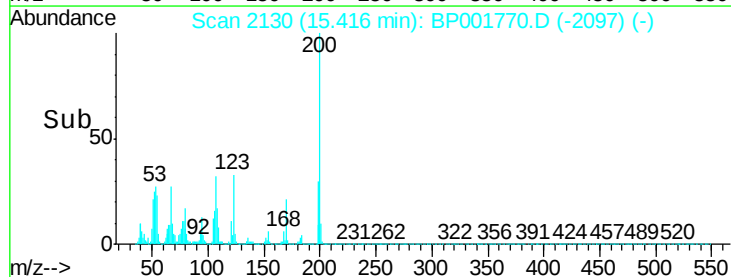
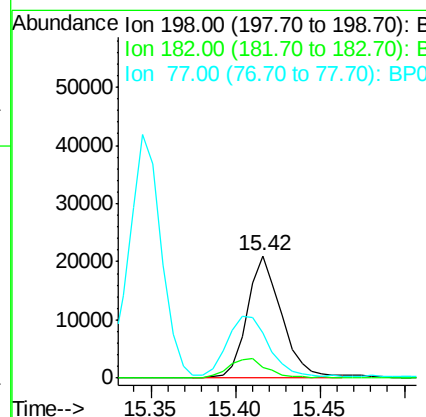
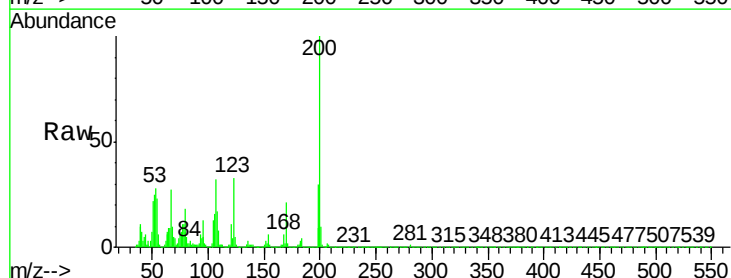
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

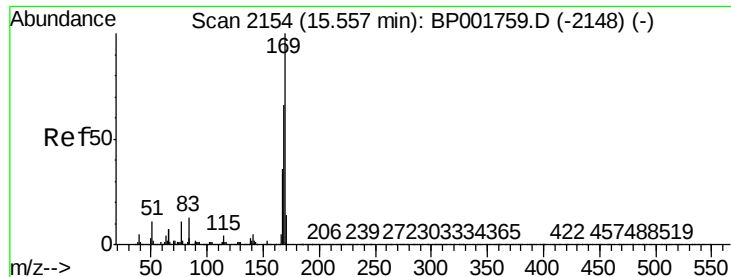
Tot Ion:138 Resp: 45006
Ion Ratio Lower Upper
138 100
92 48.5 38.4 57.6
108 69.1 53.8 80.6



#64
4,6-Dinitro-2-methylphenol
Concen: 3.295 ng/ul
RT: 15.42 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion:198 Resp: 29940
Ion Ratio Lower Upper
198 100
182 8.3 3.0 4.6#
77 37.3 17.3 25.9#

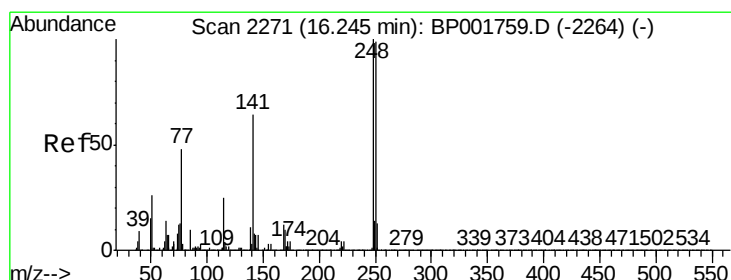
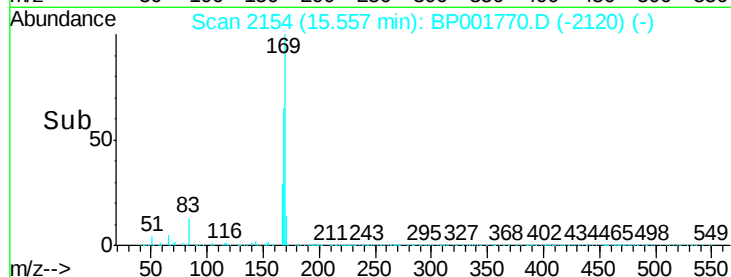
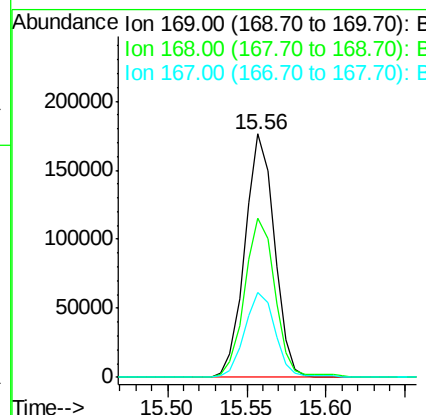
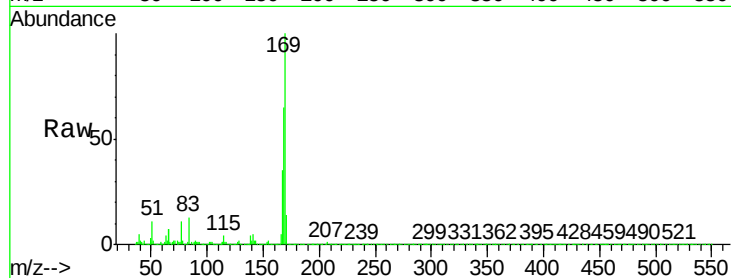




#65
N-Nitrosodiphenylamine
Concen: 3.840 ng/ul
RT: 15.56 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

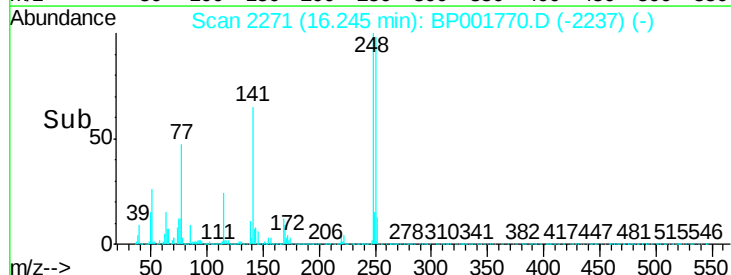
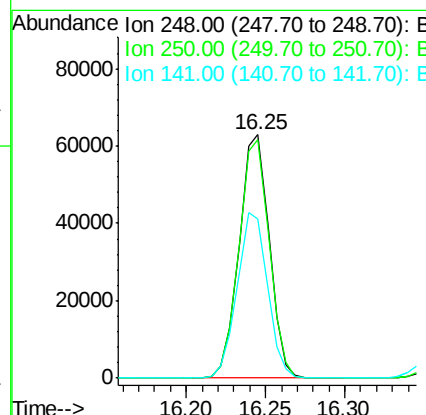
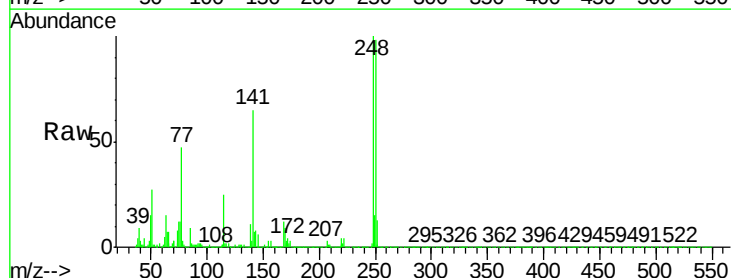
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

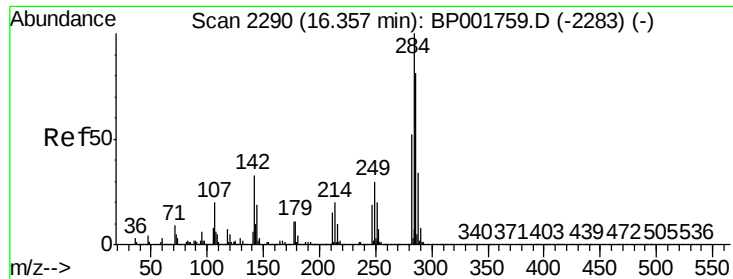
Tot Ion:169 Resp: 227535
Ion Ratio Lower Upper
169 100
168 65.5 52.9 79.3
167 34.6 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 3.660 ng/ul
RT: 16.25 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion:248 Resp: 83023
Ion Ratio Lower Upper
248 100
250 98.1 79.2 118.8
141 65.5 51.0 76.6

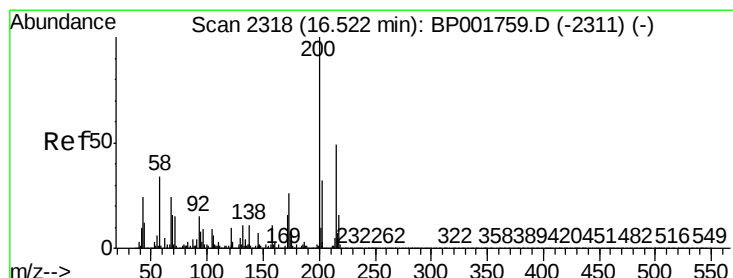
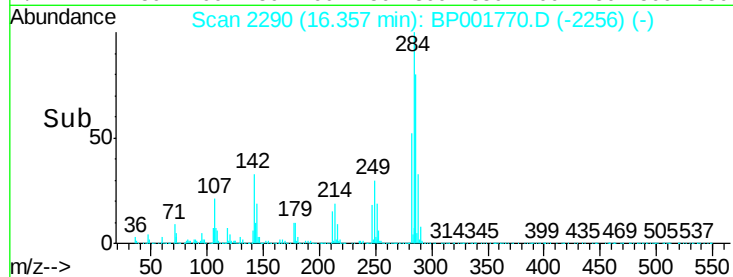
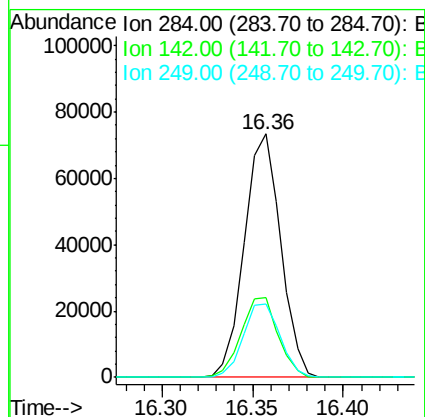
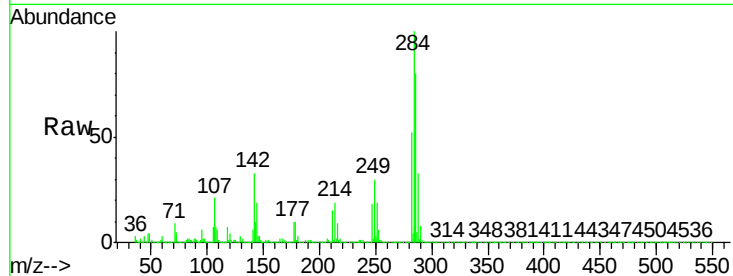




#67
Hexachlorobenzene
Concen: 3.906 ng/ul
RT: 16.36 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

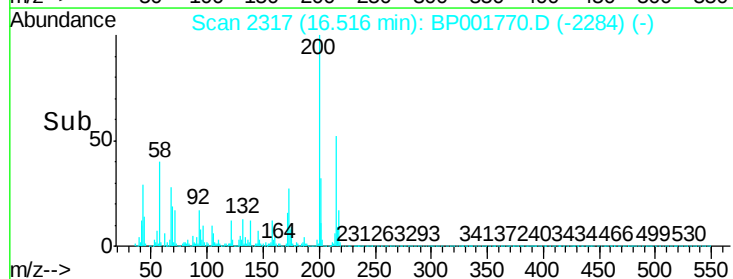
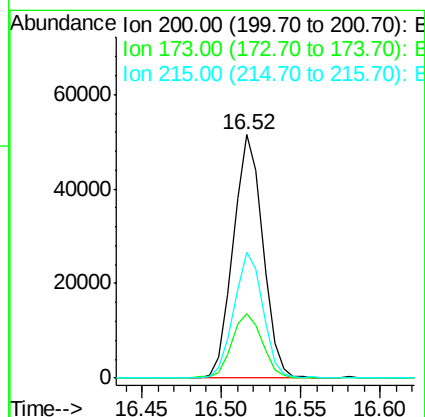
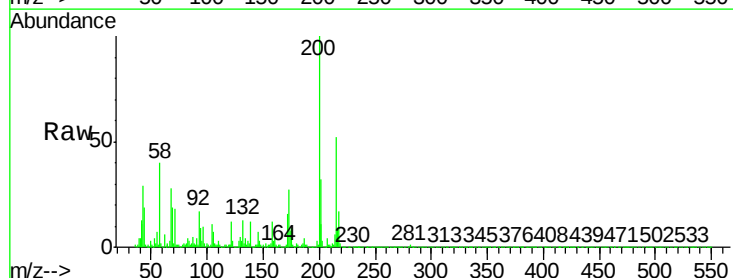
Instrument :
BNA_P
ClientSampled :
MDL-SOIL-06

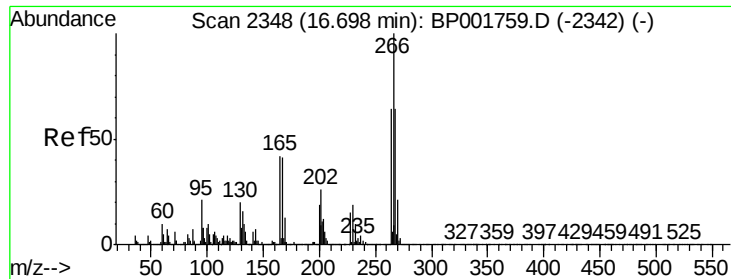
Tot Ion:284	Resp:	102262
Ion Ratio	Lower	Upper
284	100	
142	32.8	26.6 40.0
249	30.4	24.4 36.6



#68
Atrazine
Concen: 3.118 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion:200	Resp:	66616
Ion Ratio	Lower	Upper
200	100	
173	26.7	21.0 31.4
215	51.7	38.9 58.3

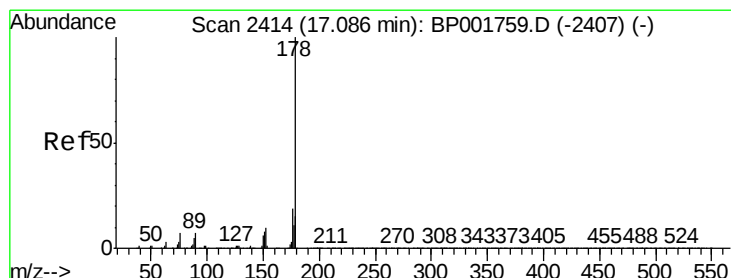
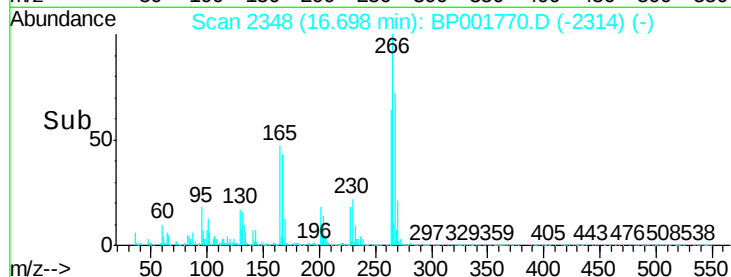
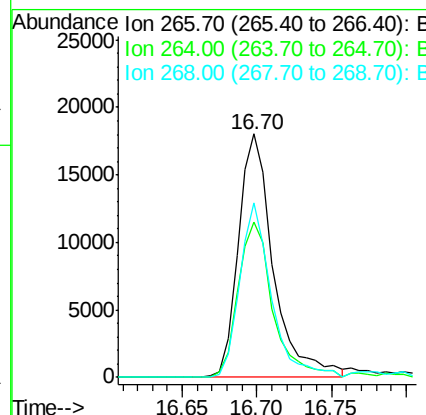
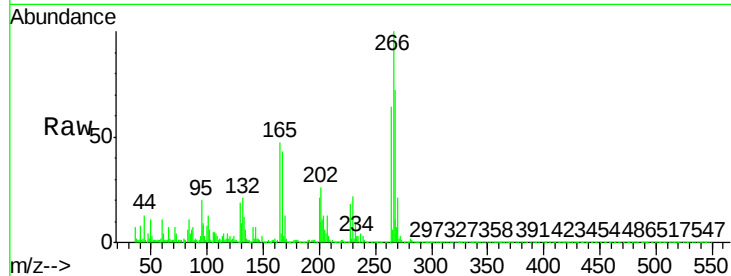




#69
 Pentachlorophenol
 Concen: 2.322 ng/ul
 RT: 16.70 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

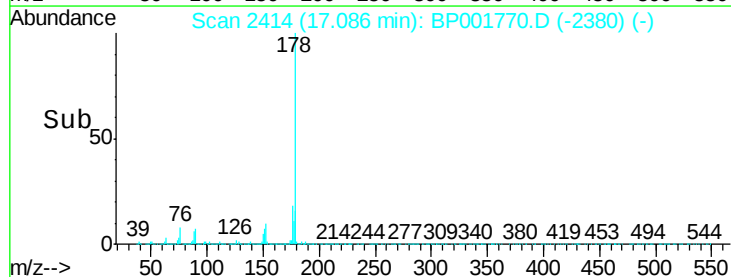
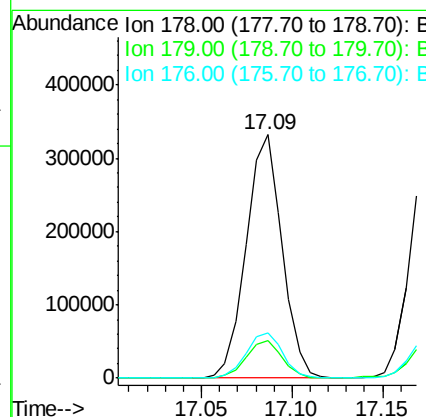
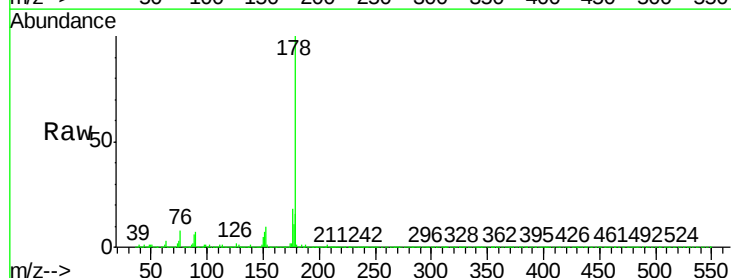
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-06

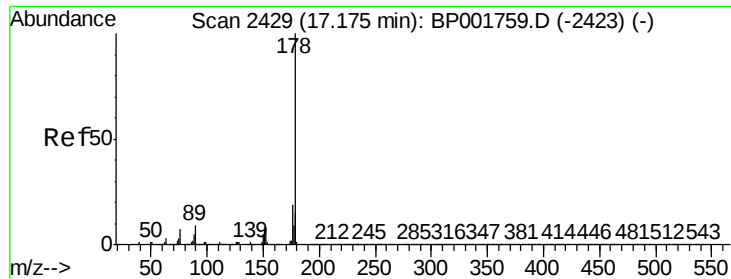
Tot Ion	Ratio	Lower	Upper
266	100		
264	64.0	51.1	76.7
268	71.6	51.5	77.3



#70
 Phenanthrene
 Concen: 3.976 ng/ul
 RT: 17.09 min Scan# 2414
 Delta R.T. -0.00 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.5	15.3	22.9





#72

Anthracene

Concen: 4.012 ng/ul

RT: 17.17 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

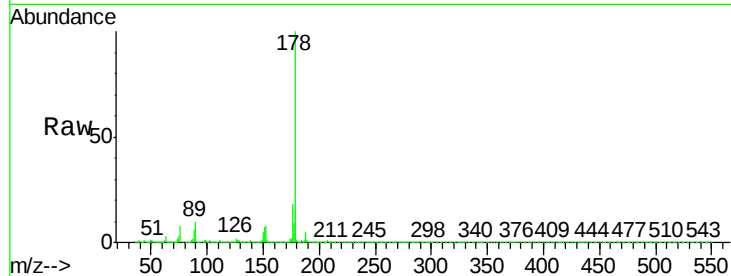
Tot Ion:178 Resp: 451683

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

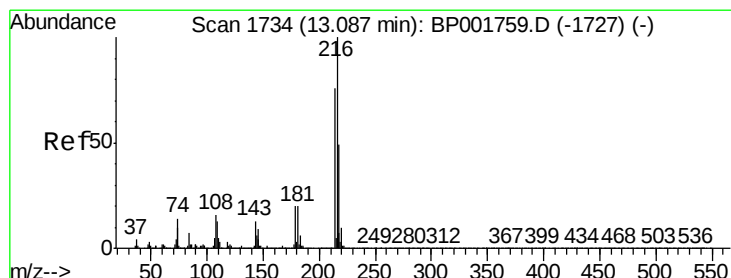
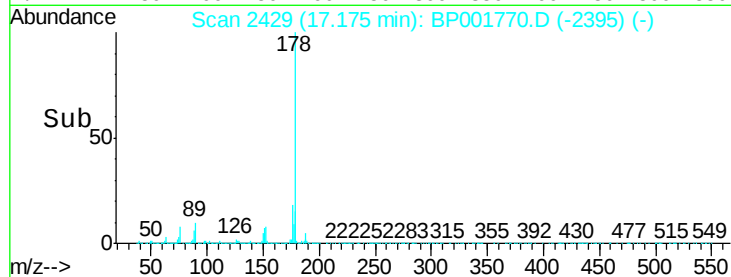
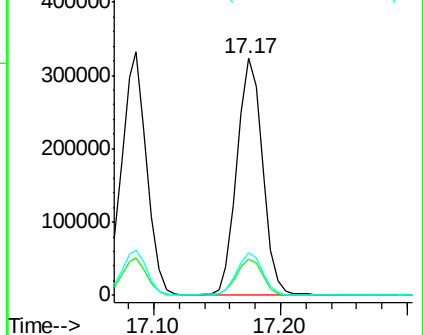
176 18.0 14.8 22.2



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: 3.997 ng/uL

RT: 13.09 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

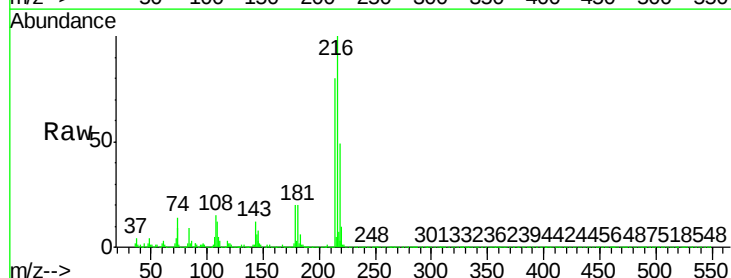
Tgt Ion:216 Resp: 135434

Ion Ratio Lower Upper

216 100

214 79.9 60.9 91.3

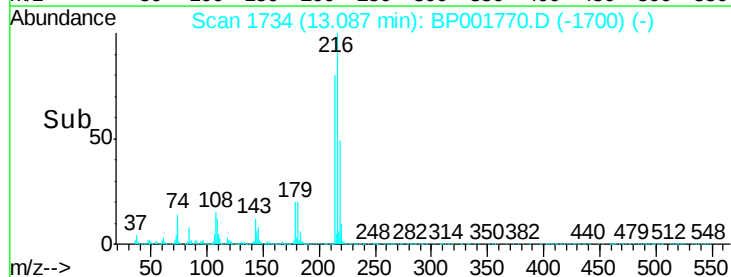
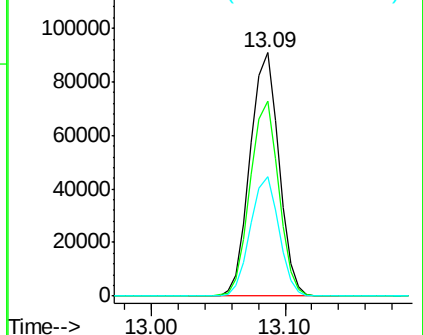
218 49.0 39.0 58.6

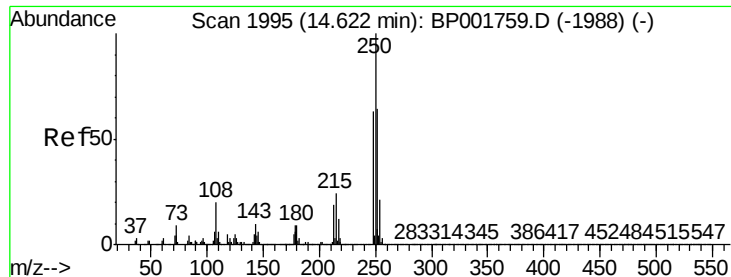


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

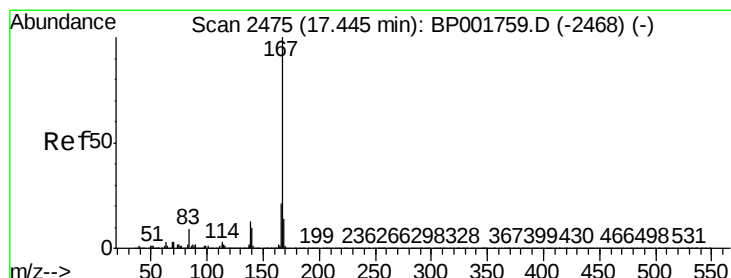
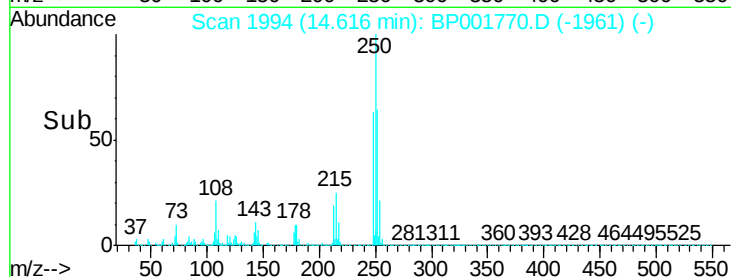
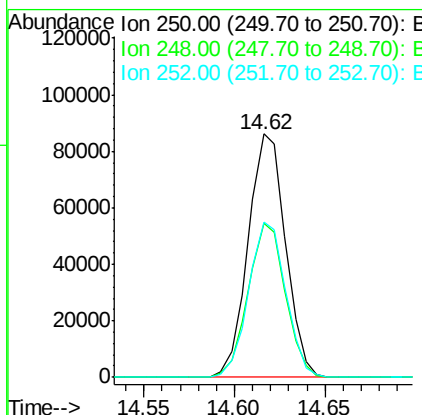
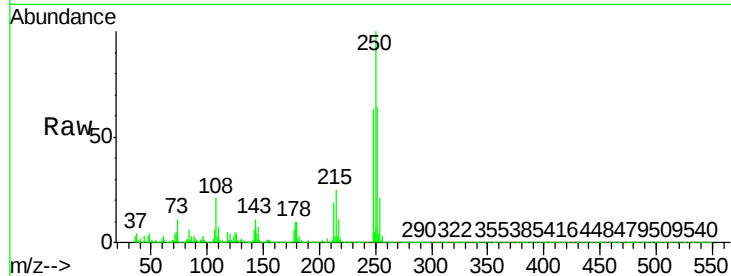




#74
Pentachlorobenzene
Concen: 3.736 ng/uL
RT: 14.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

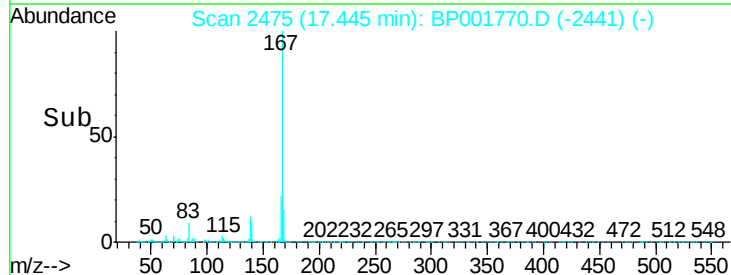
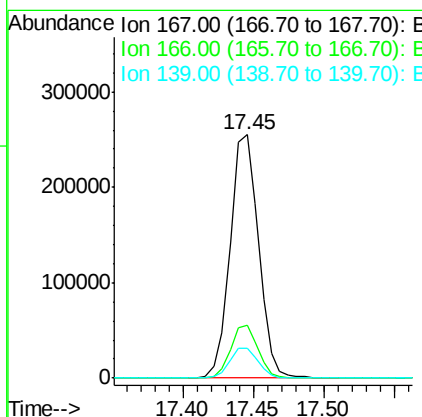
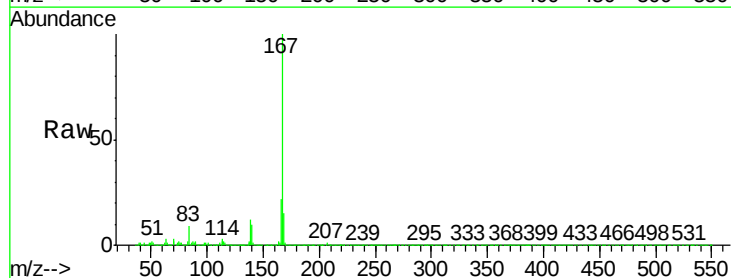
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

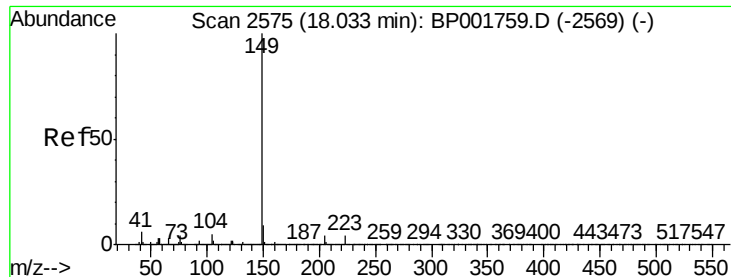
Tot Ion	Ratio	Lower	Upper
250	100		
248	63.0	50.6	76.0
252	63.6	51.5	77.3



#75
Carbazole
Concen: 3.803 ng/uL
RT: 17.45 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.3	10.2	15.2





#76

Di-n-butylphthalate

Concen: 3.159 ng/ul

RT: 18.03 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

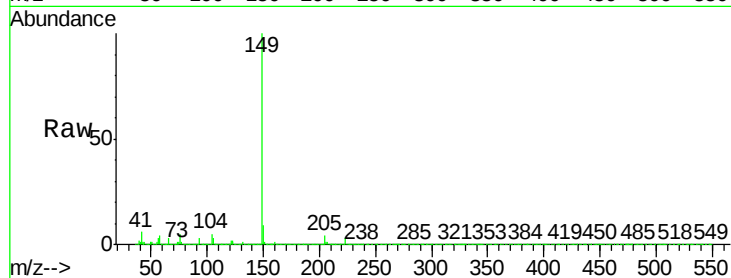
Tot Ion:149 Resp: 326454

Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

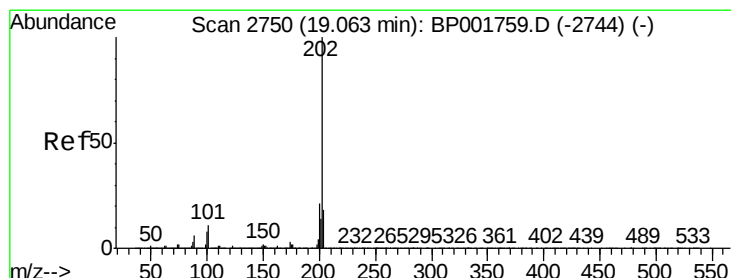
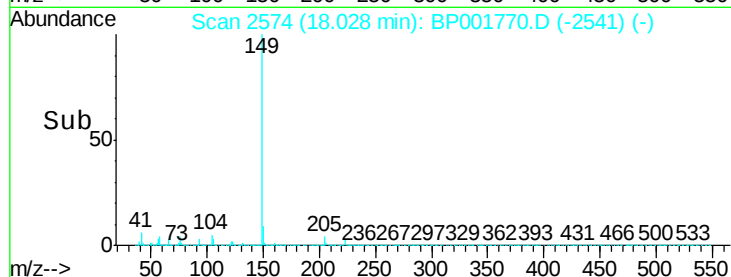
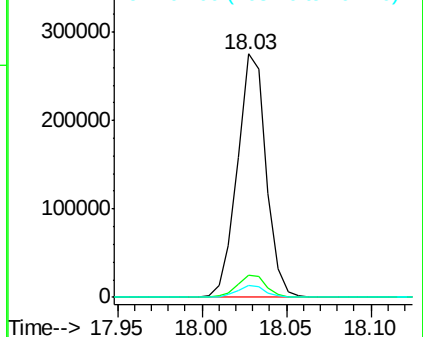
104 4.8 3.6 5.4



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



#77

Fluoranthene

Concen: 4.008 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

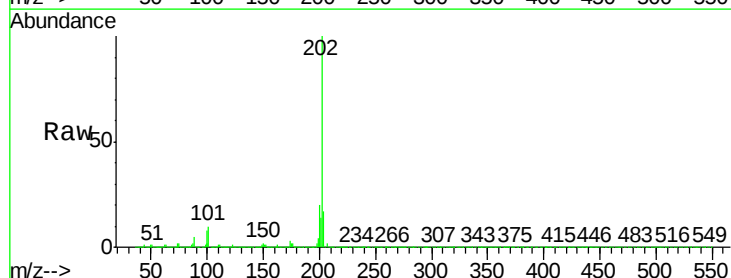
Tgt Ion:202 Resp: 489175

Ion Ratio Lower Upper

202 100

101 10.1 9.1 13.7

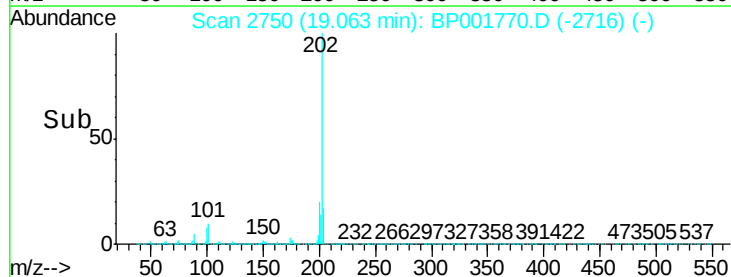
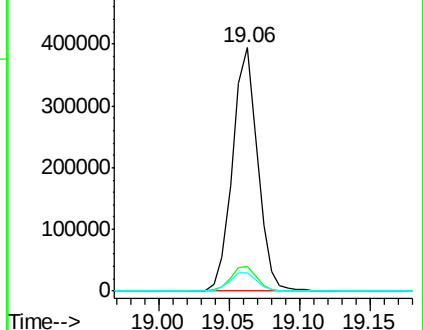
100 7.6 6.6 9.8

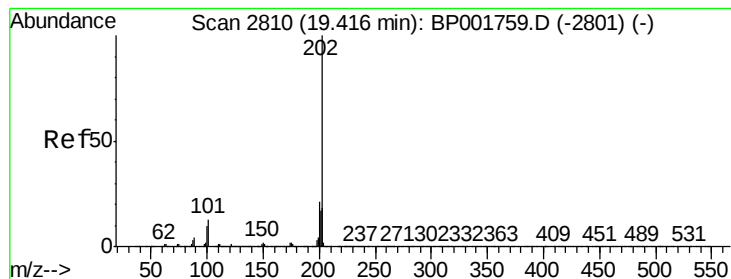


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 3.862 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

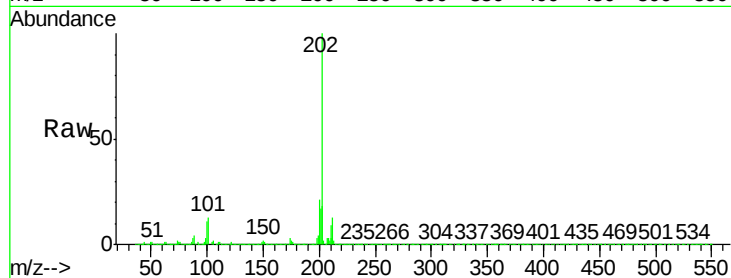
Tot Ion:202 Resp: 560955

Ion Ratio Lower Upper

202 100

101 13.3 10.2 15.2

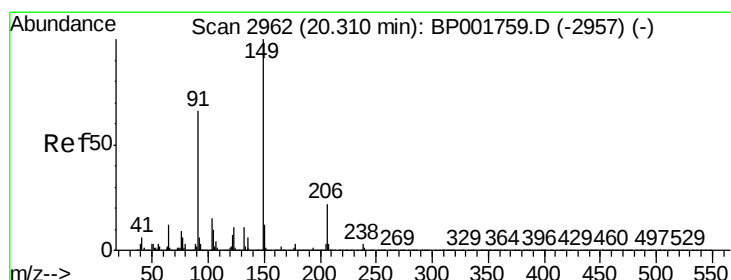
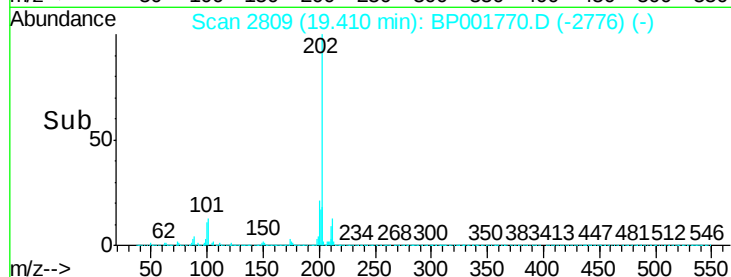
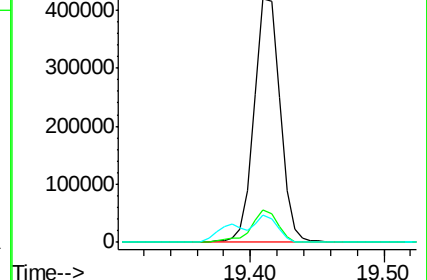
100 11.1 8.2 12.2



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: 2.526 ng/ul

RT: 20.30 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

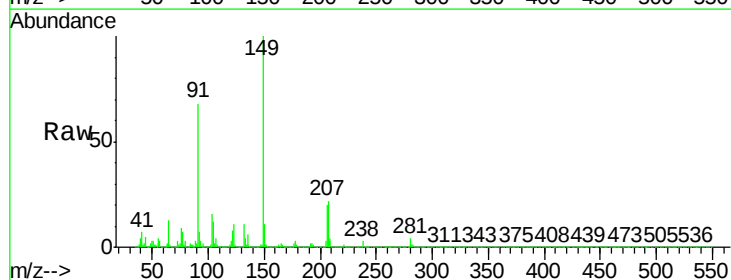
Tgt Ion:149 Resp: 113904

Ion Ratio Lower Upper

149 100

91 68.2 53.0 79.4

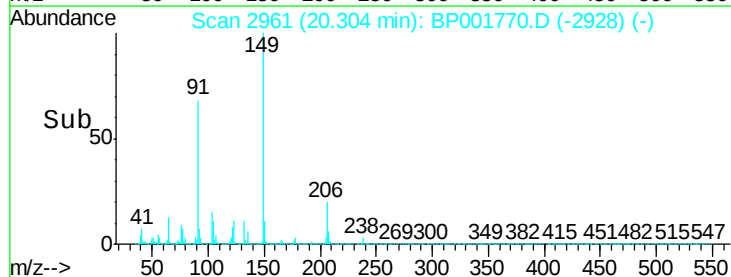
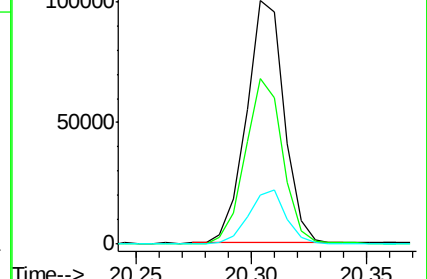
206 20.3 17.6 26.4

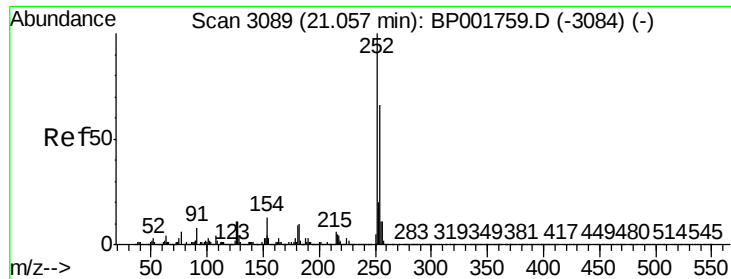


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 2.748 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

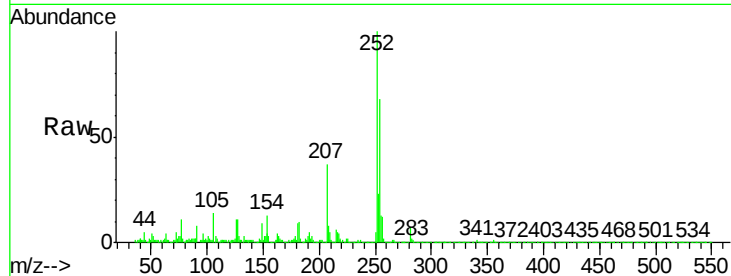
Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

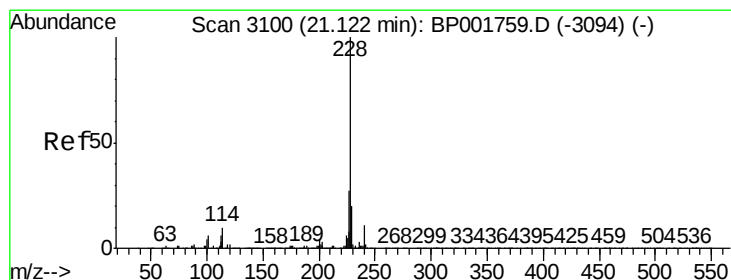
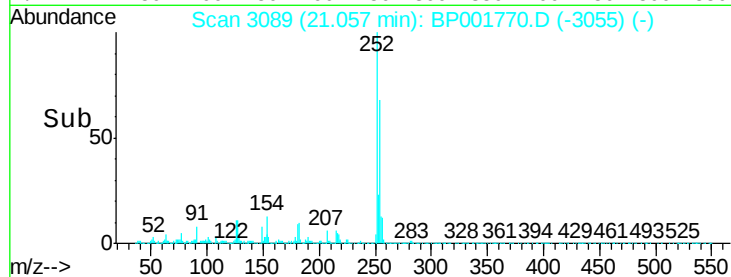
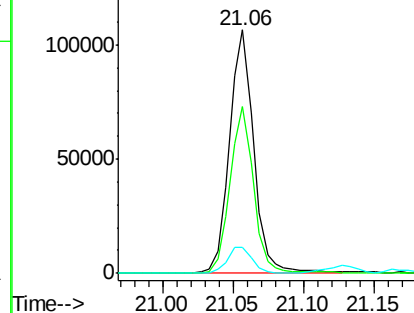
Tot Ion:	252	Resp:	126904
Ion	Ratio	Lower	Upper
252	100		
254	68.3	52.6	78.8
126	10.6	8.6	13.0



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: 3.764 ng/ul

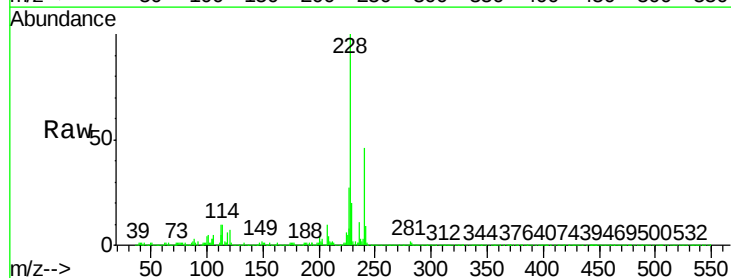
RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

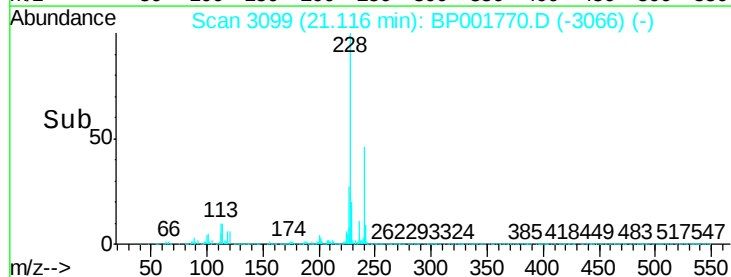
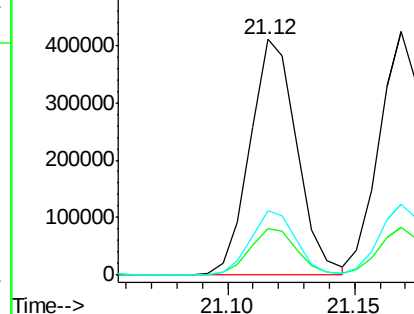
Tgt Ion:	228	Resp:	529280
Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.2	24.4
226	27.3	22.0	33.0

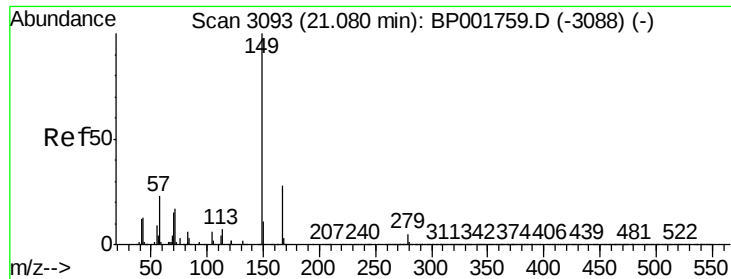


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

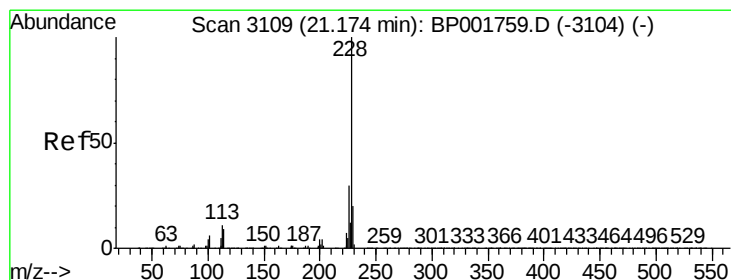
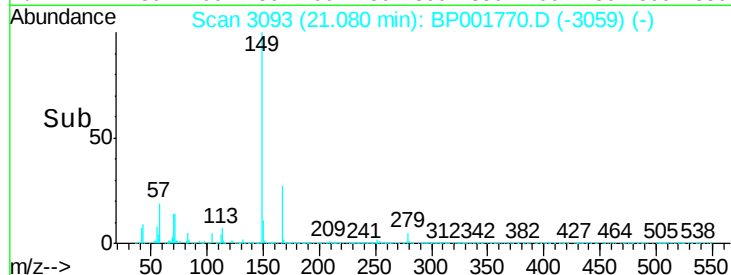
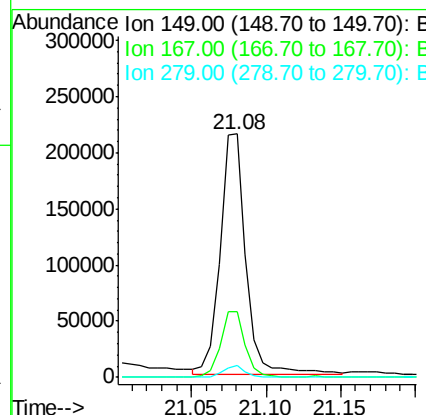
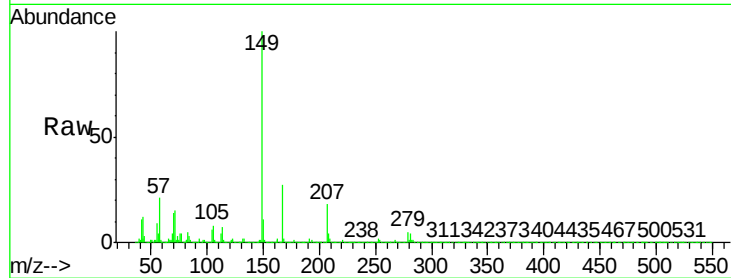




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.454 ng/ul
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

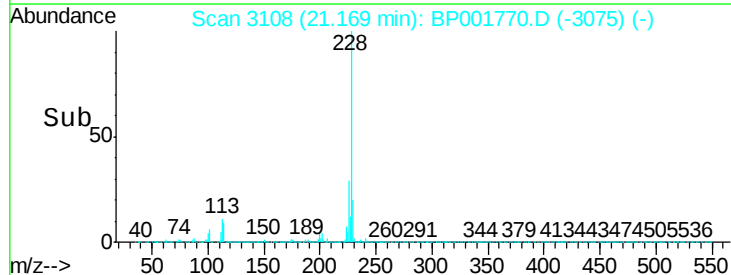
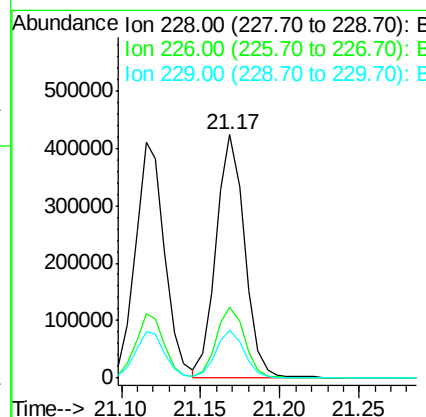
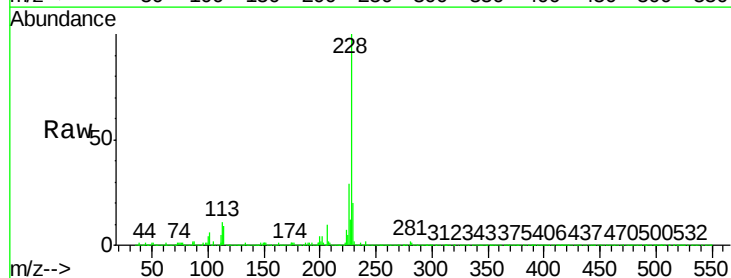
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-06

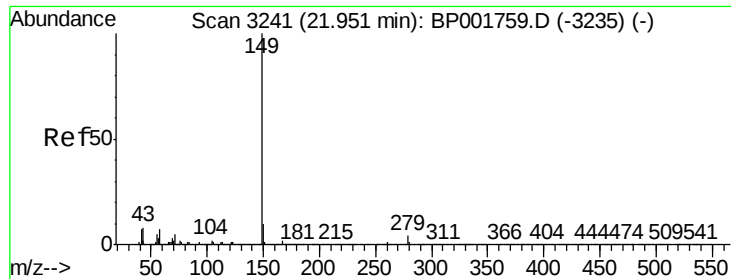
Tot Ion:149 Resp: 258052
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.6 34.0
 279 4.8 3.6 5.4



#85
 Chrysene
 Concen: 3.829 ng/ul
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BP001770.D
 Acq: 18 Feb 2020 21:11

Tgt Ion:228 Resp: 526028
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.2 36.2
 229 19.5 15.7 23.5





#87

Di-n-octyl phthalate

Concen: 2.713 ng/ul

RT: 21.94 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

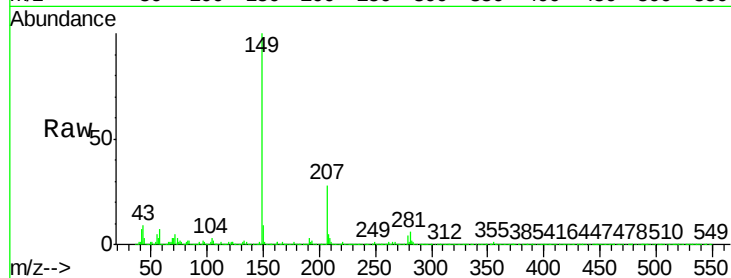
Instrument :

BNA_P

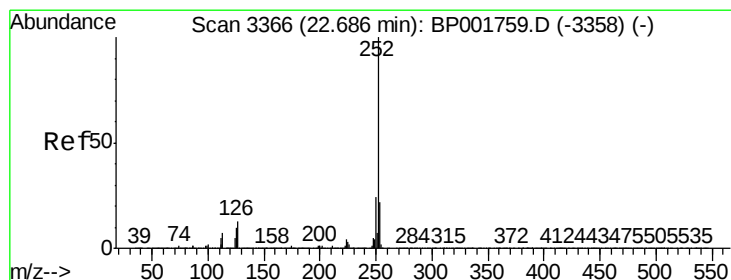
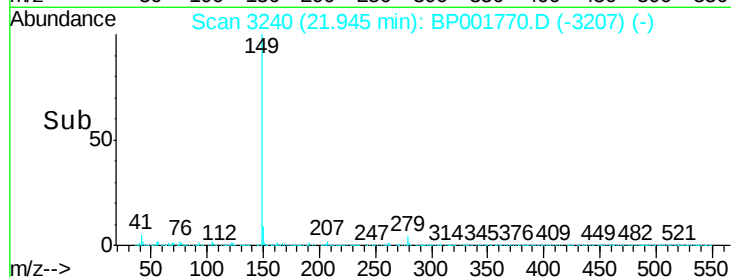
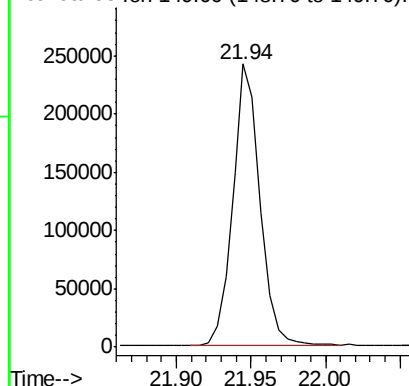
ClientSampleId :

MDL-SOIL-06

Tgt Ion:149 Resp: 307733



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.711 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

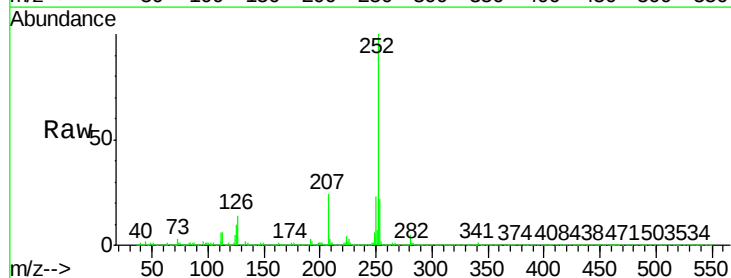
Tgt Ion:252 Resp: 494622

Ion Ratio Lower Upper

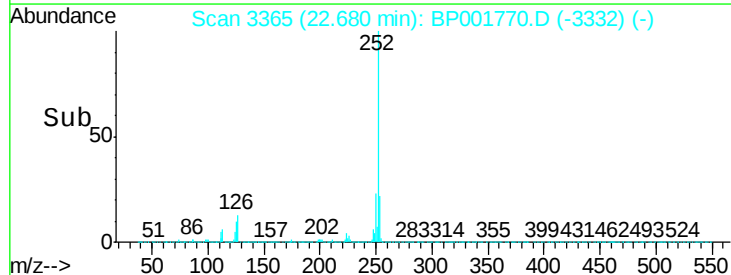
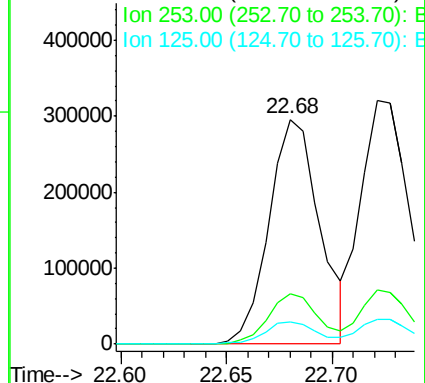
252 100

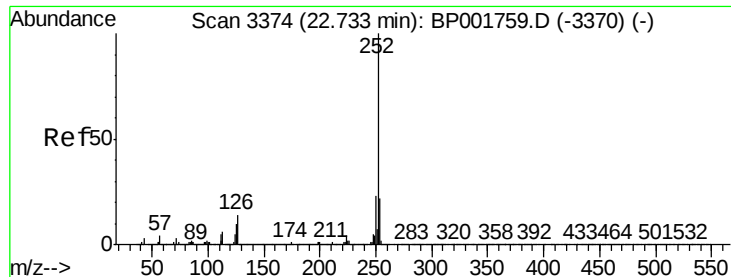
253 22.2 17.7 26.5

125 10.1 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 3.789 ng/ul

RT: 22.72 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

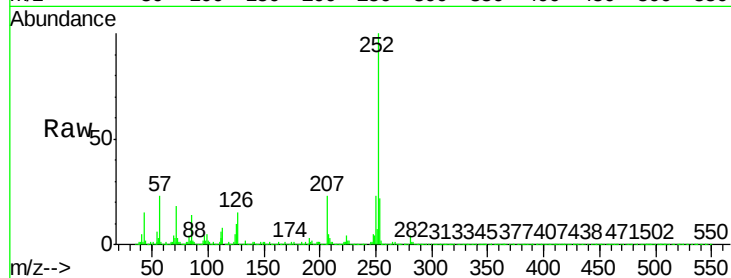
Tot Ion:252 Resp: 523565

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

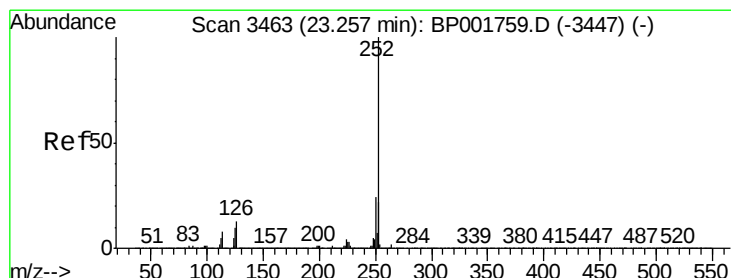
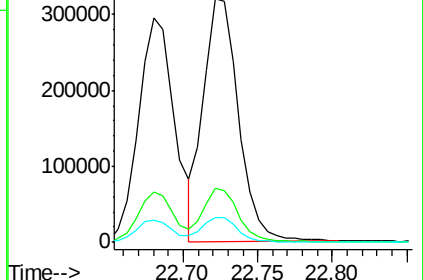
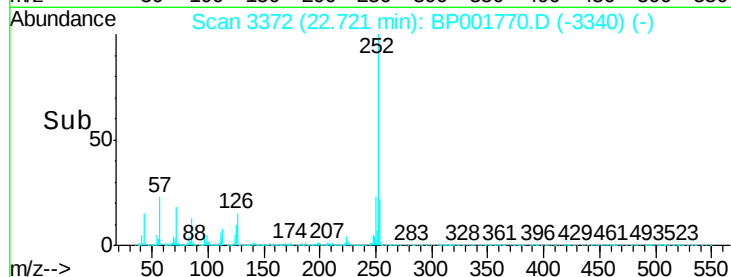
125 10.3 8.0 12.0



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: 3.912 ng/ul

RT: 23.25 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

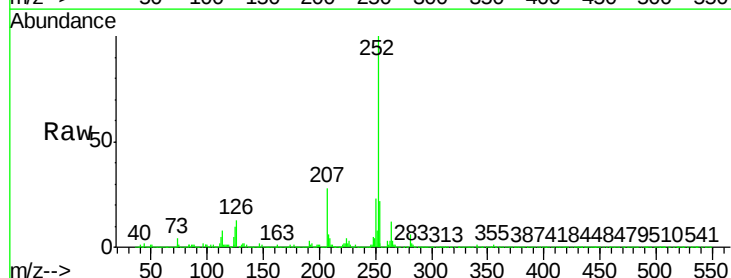
Tgt Ion:252 Resp: 488631

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

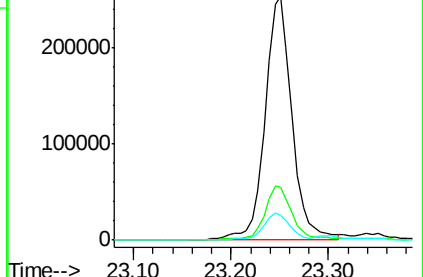
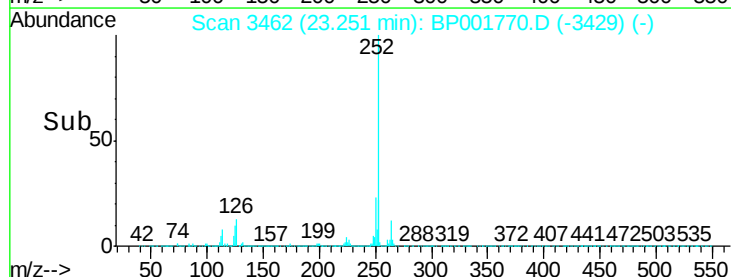
125 10.1 8.3 12.5

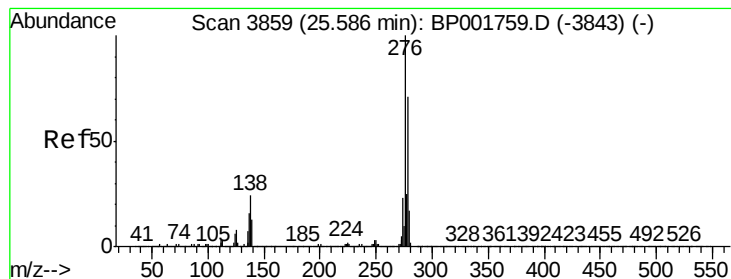


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



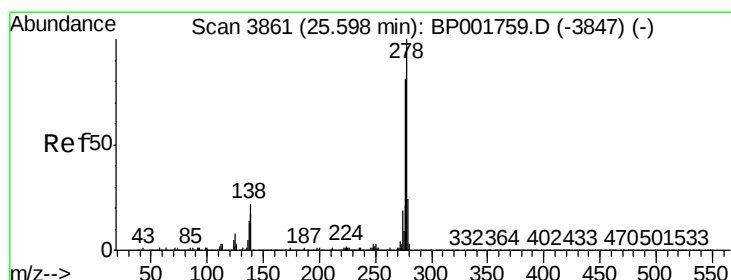
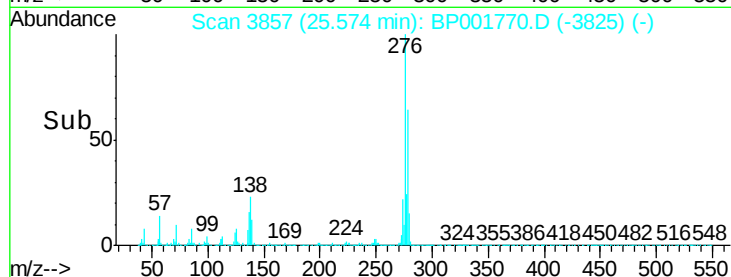
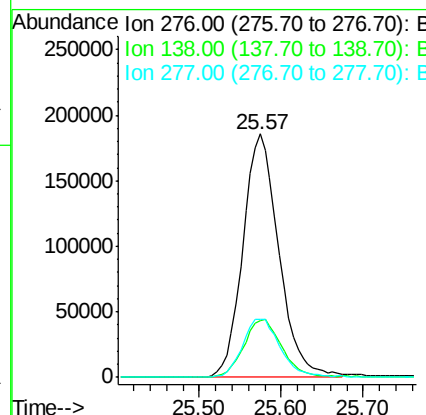
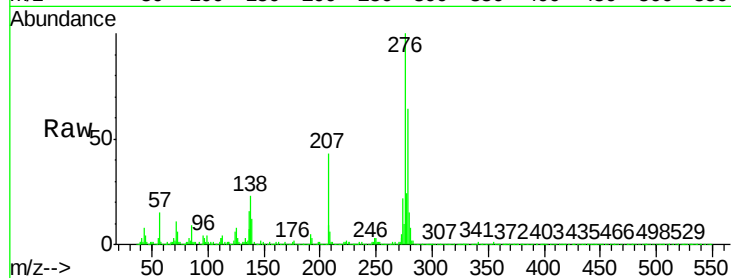


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.643 ng/ul
RT: 25.57 min Scan# 3857
Delta R.T. -0.01 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

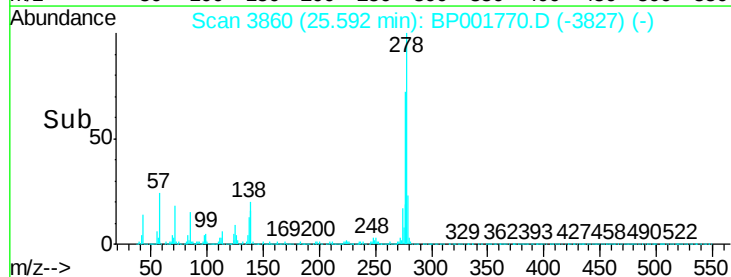
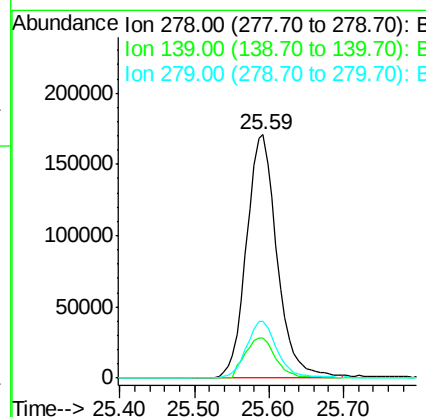
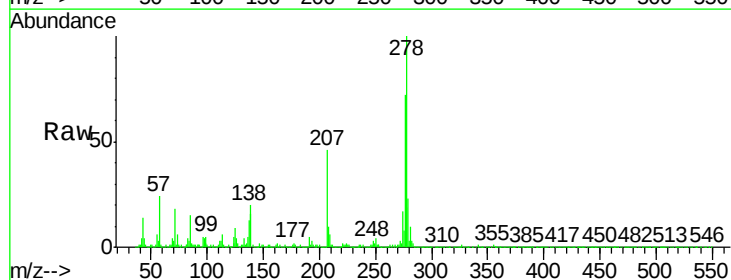
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.3	28.9
277	23.7	20.0	30.0

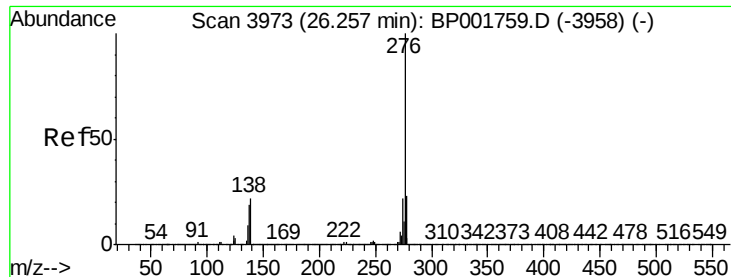


#93

Dibenzo(a,h)anthracene
Concen: 3.722 ng/ul
RT: 25.59 min Scan# 3860
Delta R.T. -0.01 min
Lab File: BP001770.D
Acq: 18 Feb 2020 21:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.3	19.9
279	23.2	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 3.595 ng/ul

RT: 26.25 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BP001770.D

Acq: 18 Feb 2020 21:11

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-06

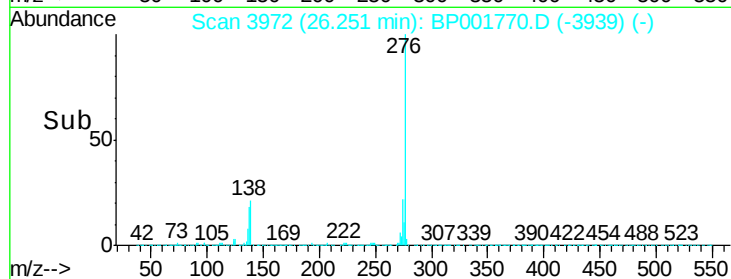
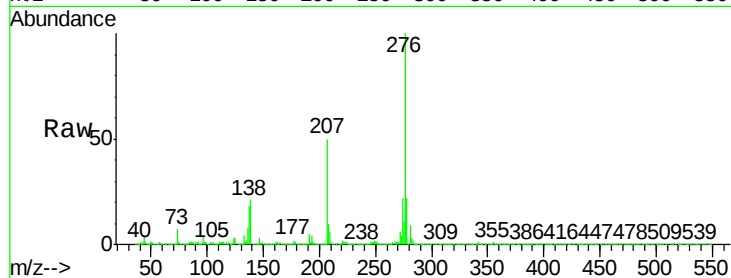
Tot Ion: 276 Resp: 476831

Ion Ratio Lower Upper

276 100

138 20.6 17.7 26.5

277 22.3 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

26.25

150000

100000

50000

0

Time-->