

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021820\
 Data File : BP001765.D
 Acq On : 18 Feb 2020 18:21
 Operator : CG/JU
 Sample : K5695-01
 Misc : MDL-SOIL-01
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

Quant Time: Feb 19 02:43:48 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	407125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1669352	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1036283	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2223080	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2301439	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2465457	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	43974	4.49	ng/uL	0.00
5) Phenol-d5	6.83	99	958792	31.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	563582	31.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	818773	32.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	753254	30.87	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	372312	32.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	363138	35.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	760996	31.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1108485	38.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2361544	32.47	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2947811	32.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	358416	28.30	ng/ul	0.00
58) Fluorene-d10	15.29	176	2050071	31.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	233758	26.67	ng/ul	0.00
71) Anthracene-d10	17.14	188	3116683	31.82	ng/ul	0.00
79) Pyrene-d10	19.39	212	3520840	29.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3720659	31.25	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.80	77	75625	4.016	ng/ul 98
6) Phenol	6.86	94	113265	3.474	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.09	93	92875	3.533	ng/ul 99
10) 2-Chlorophenol	7.23	128	94070	3.577	ng/ul 98
11) 2-Methylphenol	8.10	108	78209	3.169	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	110948	3.542	ng/ul 99
14) Acetophenone	8.47	105	134022	3.555	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.46	70	59883	3.426	ng/ul 99
16) 4-Methylphenol	8.42	108	88455	3.329	ng/ul 99
17) Hexachloroethane	8.73	117	35322	3.376	ng/ul 94
20) Nitrobenzene	8.84	77	100593	3.591	ng/ul 99
21) Isophorone	9.37	82	164038	3.186	ng/ul 99
23) 2-Nitrophenol	9.55	139	45486	3.714	ng/ul 99
24) 2,4-Dimethylphenol	9.62	107	91394	3.323	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.86	93	119979	3.444	ng/ul 100
27) 2,4-Dichlorophenol	10.08	162	88079	3.531	ng/ul 92
28) Naphthalene	10.48	128	317847	3.563	ng/ul 99
30) 4-Chloroaniline	10.59	127	117860	4.057	ng/ul 99
31) Hexachlorobutadiene	10.79	225	62607	3.550	ng/ul 97
32) Caprolactam	11.35	113	19633	2.605	ng/ul 91
33) 4-Chloro-3-methylphenol	11.72	107	72572	3.056	ng/ul 97
34) 2-Methylnaphthalene	12.10	142	213303	3.469	ng/ul 98
35) 1-Methylnaphthalene	12.32	142	226192	3.732	ng/ul 99

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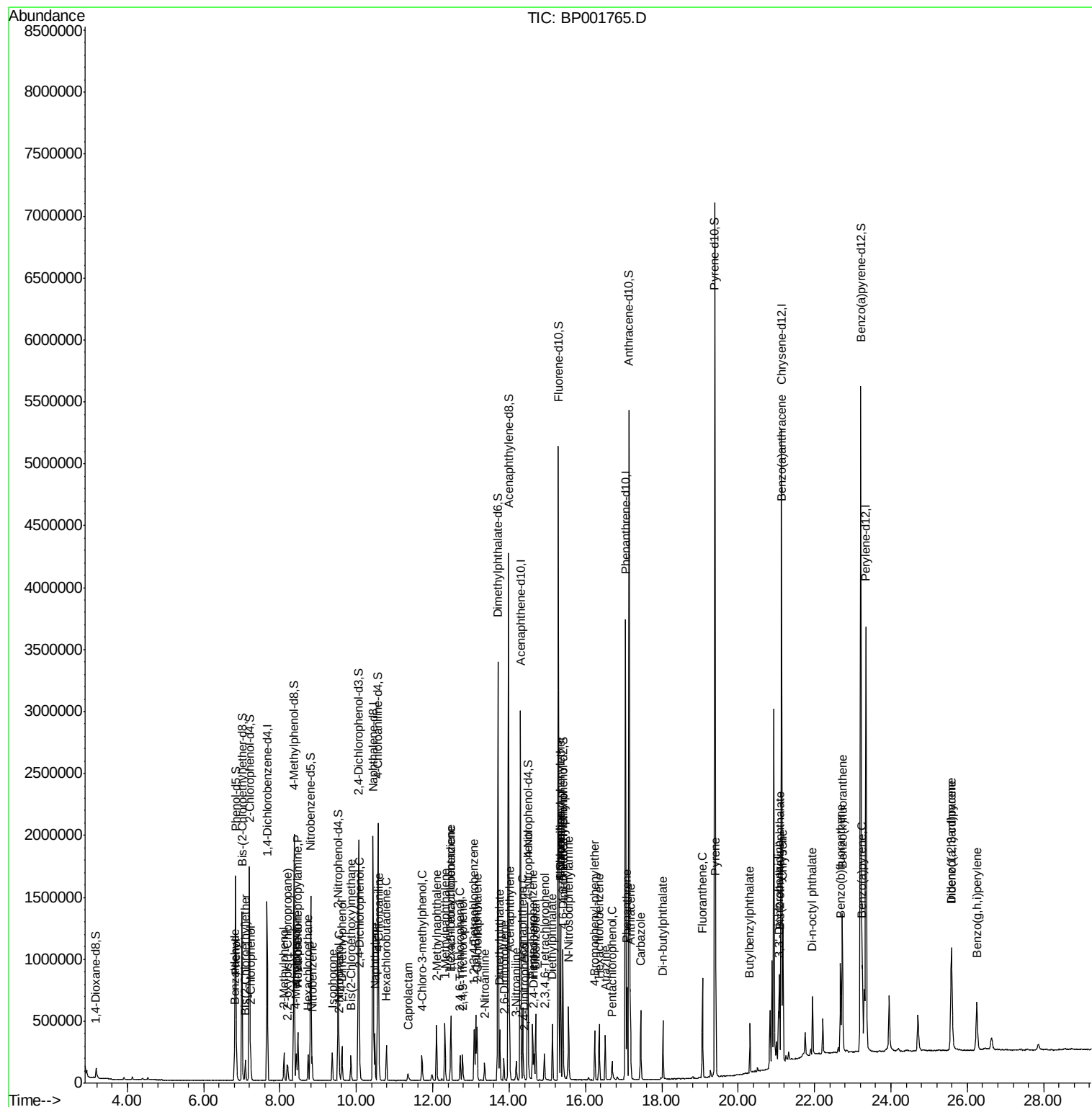
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	118935	3.524	ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	47370	2.598	ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	50965	2.825	ng/ul	98
40) 2,4,5-Trichlorophenol	12.78	196	55914	2.815	ng/ul	95
41) 1,1'-Biphenyl	13.12	154	284371	3.520	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	226499	3.551	ng/ul	99
43) 2-Nitroaniline	13.36	65	34327	2.681	ng/ul	98
45) Dimethylphthalate	13.75	163	273569	3.574	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	34302	2.572	ng/ul	96
48) Acenaphthylene	14.01	152	351979	3.623	ng/ul	99
49) 3-Nitroaniline	14.19	138	37871	2.789	ng/ul	95
50) Acenaphthene	14.36	153	233091	3.511	ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	10545	1.905	ng/ul	96
53) 4-Nitrophenol	14.50	109	30864	3.292	ng/ul	93
54) Dibenzofuran	14.69	168	338851	3.625	ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	56184	2.861	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	47432	2.955	ng/ul	98
57) Diethylphthalate	15.13	149	244531	3.341	ng/ul	100
59) Fluorene	15.35	166	272173	3.660	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	141868	3.676	ng/ul	98
61) 4-Nitroaniline	15.35	138	42671	2.783	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.42	198	29895	3.058	ng/ul#	66
65) N-Nitrosodiphenylamine	15.56	169	218062	3.421	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	81095	3.323	ng/ul	97
67) Hexachlorobenzene	16.36	284	97386	3.458	ng/ul	96
68) Atrazine	16.52	200	66108	2.877	ng/ul	100
69) Pentachlorophenol	16.70	266	29426	2.158	ng/ul	93
70) Phenanthrene	17.09	178	436591	3.561	ng/ul	100
72) Anthracene	17.17	178	436586	3.605	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	131157	3.599	ng/ul	98
74) Pentachlorobenzene	14.62	250	118174	3.327	ng/ul	100
75) Carbazole	17.45	167	347808	3.444	ng/ul	99
76) Di-n-butylphthalate	18.03	149	328597	2.957	ng/ul	99
77) Fluoranthene	19.06	202	467626	3.562	ng/ul	98
80) Pvrene	19.41	202	537072	3.431	ng/ul	98
81) Butylbenzylphthalate	20.30	149	114117	2.348	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.06	252	129228	2.596	ng/ul	99
83) Benzo(a)anthracene	21.12	228	513233	3.386	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.08	149	258306	3.208	ng/ul	98
85) Chrysene	21.17	228	503587	3.401	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	331590	2.686	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	482238	3.324	ng/ul	98
89) Benzo(k)fluoranthene	22.73	252	521515	3.468	ng/ul	99
91) Benzo(a)pyrene	23.25	252	478410	3.519	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	556653	3.278	ng/ul	99
93) Dibenzo(a,h)anthracene	25.59	278	473483	3.319	ng/ul	99
94) Benzo(g,h,i)perylene	26.25	276	463618	3.211	ng/ul	98

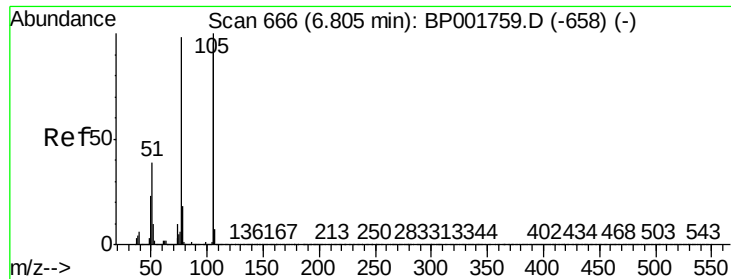
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 4.016 ng/ul

RT: 6.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

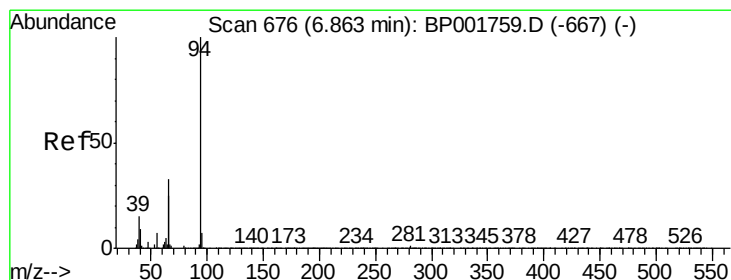
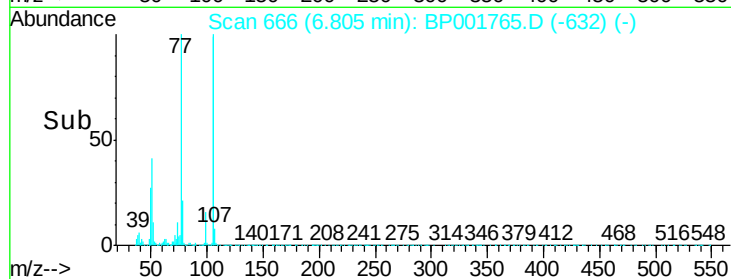
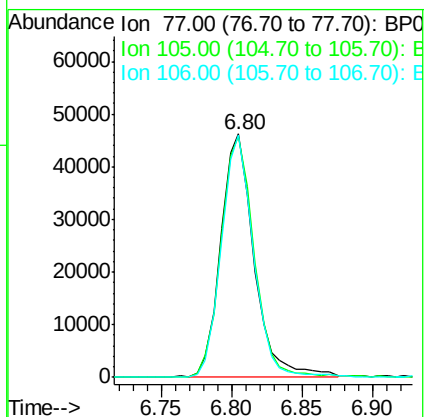
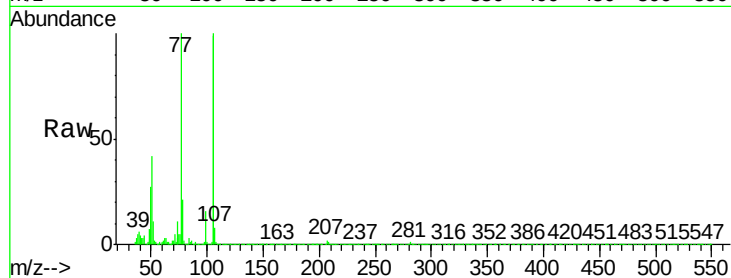
Tot Ion: 77 Resp: 75625

Ion Ratio Lower Upper

77 100

105 99.0 82.0 123.0

106 99.8 78.9 118.3



#6

Phenol

Concen: 3.474 ng/ul

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

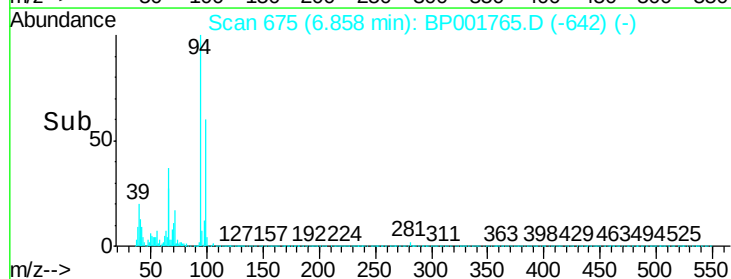
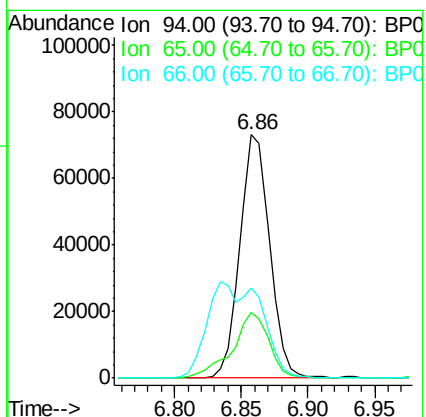
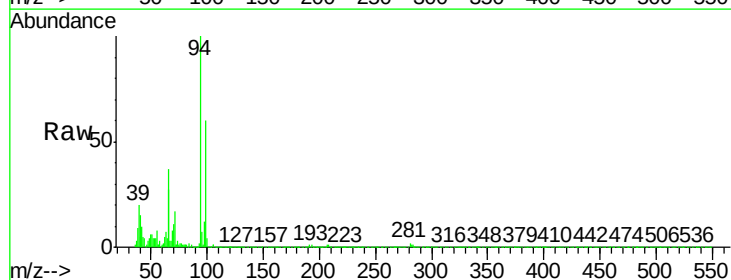
Tgt Ion: 94 Resp: 113265

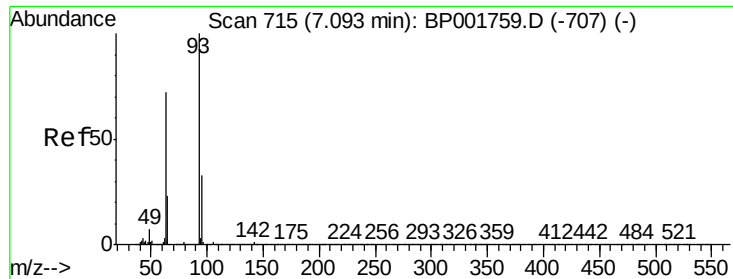
Ion Ratio Lower Upper

94 100

65 26.7 19.8 29.6

66 37.0 26.6 39.8

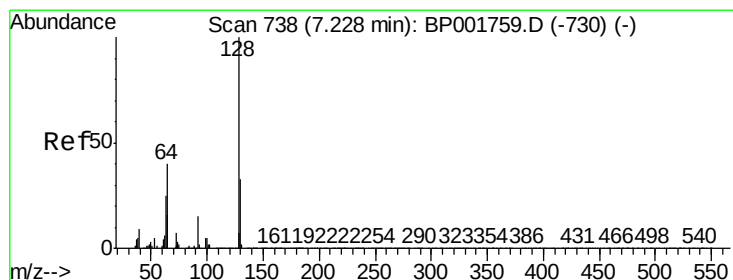
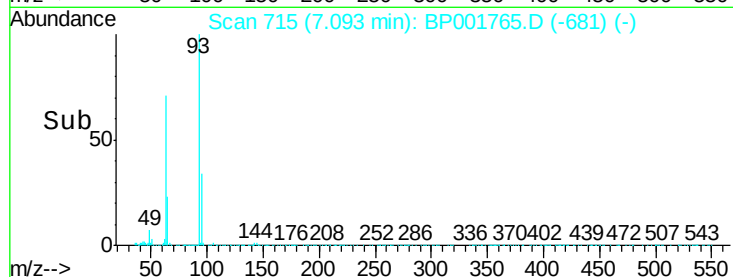
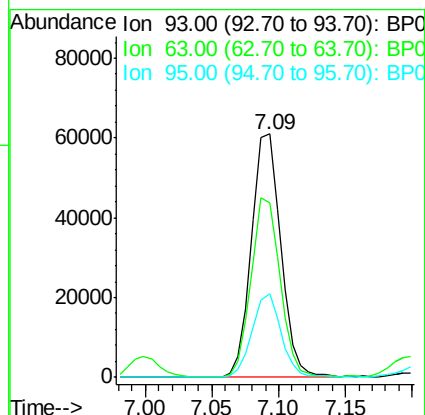
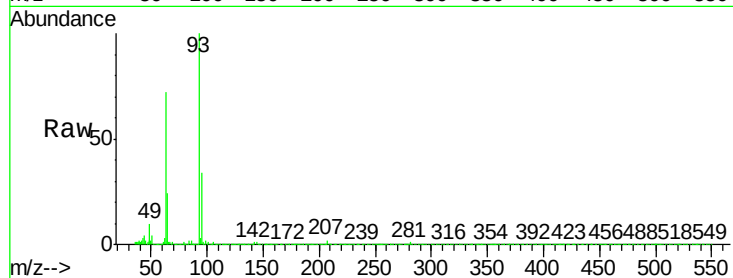




#8
 Bis(2-Chloroethyl)ether
 Concen: 3.533 ng/ul
 RT: 7.09 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

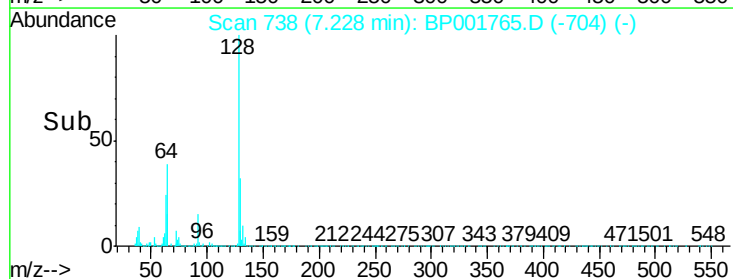
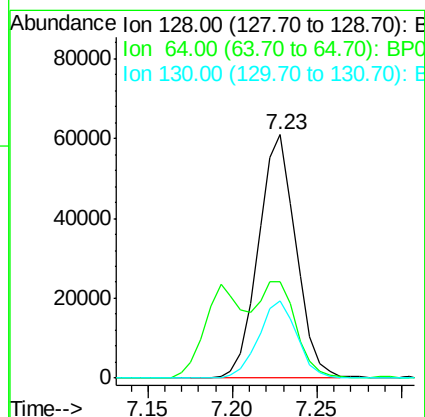
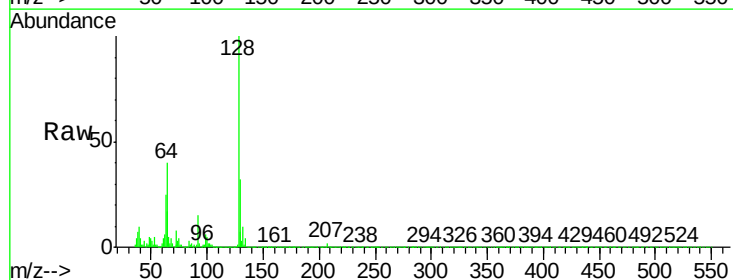
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

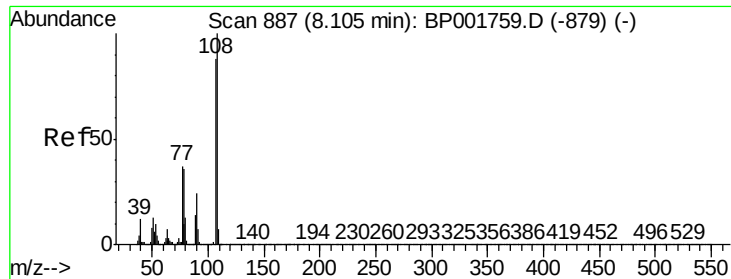
Tot Ion:	93	Resp:	92875
Ion	Ratio	Lower	Upper
93	100		
63	71.5	57.2	85.8
95	34.4	26.8	40.2



#10
 2-Chlorophenol
 Concen: 3.577 ng/ul
 RT: 7.23 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

Tgt Ion:	128	Resp:	94070
Ion	Ratio	Lower	Upper
128	100		
64	39.6	32.9	49.3
130	31.6	26.4	39.6

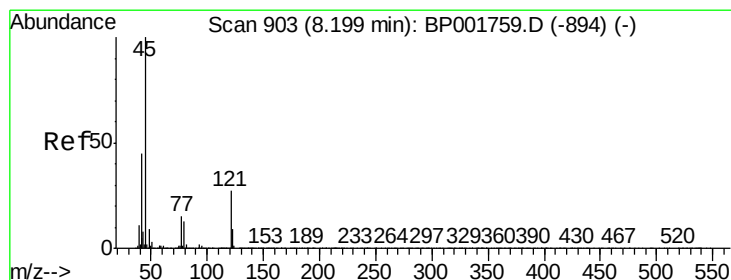
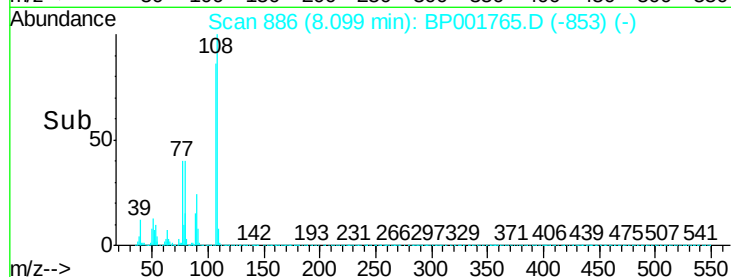
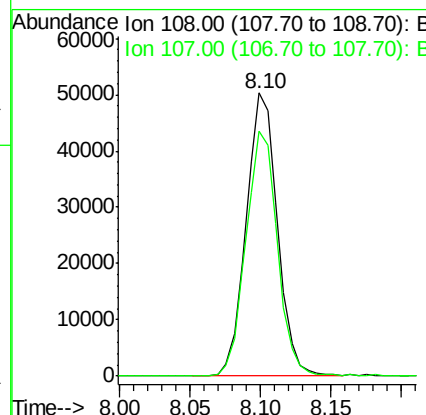
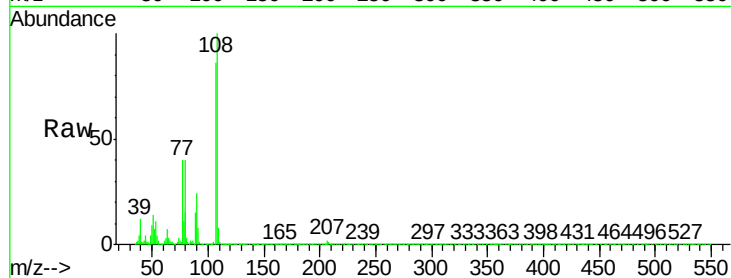




#11
2-Methylphenol
Concen: 3.169 ng/ul
RT: 8.10 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

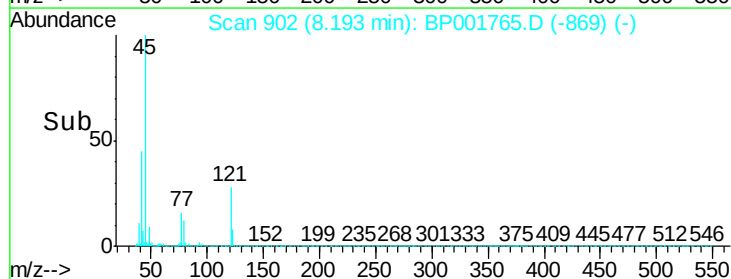
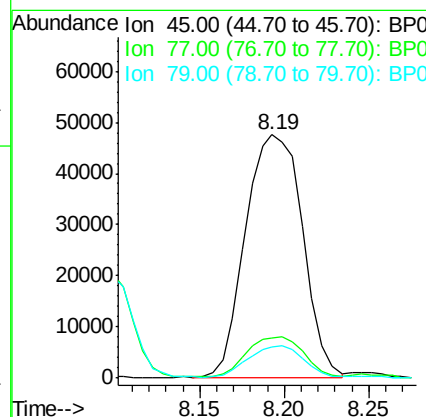
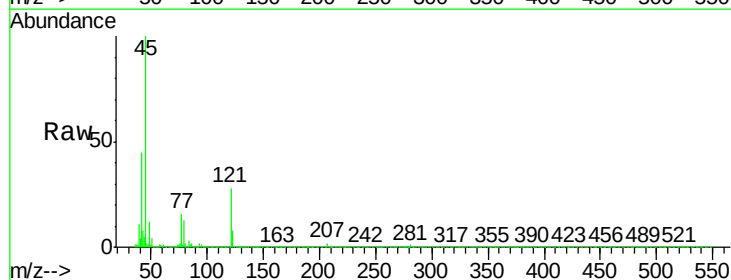
Instrument :
BNA_P
ClientSampled :
MDL-SOIL-01

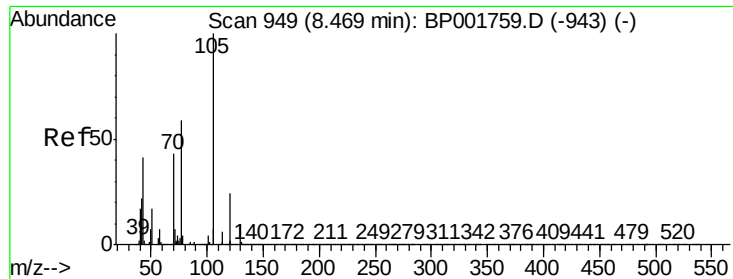
Tot Ion:108 Resp: 78209
Ion Ratio Lower Upper
108 100
107 86.4 70.6 106.0



#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.542 ng/ul
RT: 8.19 min Scan# 902
Delta R.T. -0.01 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion: 45 Resp: 110948
Ion Ratio Lower Upper
45 100
77 16.5 12.6 18.8
79 12.6 10.4 15.6





#14

Acetophenone

Concen: 3.555 ng/ul

RT: 8.47 min Scan# 949

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

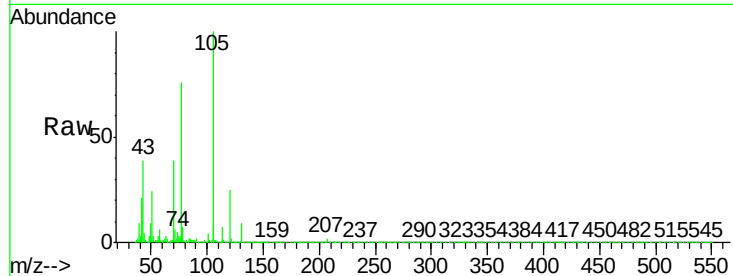
Tot Ion:105 Resp: 134022

Ion Ratio Lower Upper

105 100

77 75.5 59.8 89.6

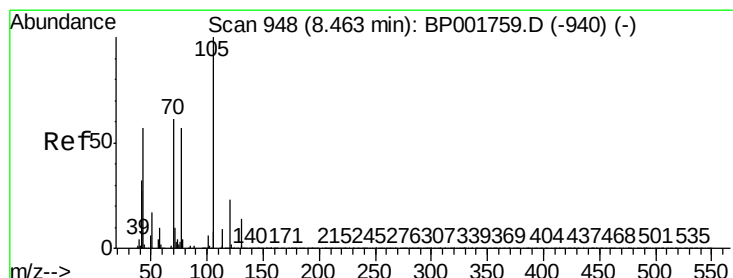
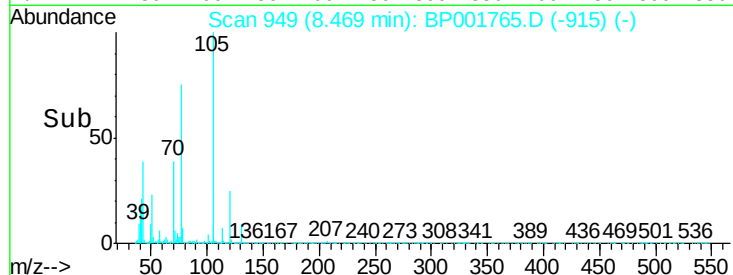
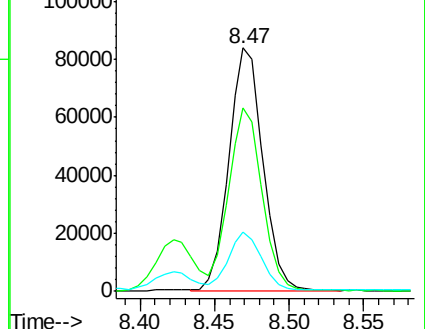
51 24.1 17.9 26.9



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: 3.426 ng/ul

RT: 8.46 min Scan# 948

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Tgt Ion: 70 Resp: 59883

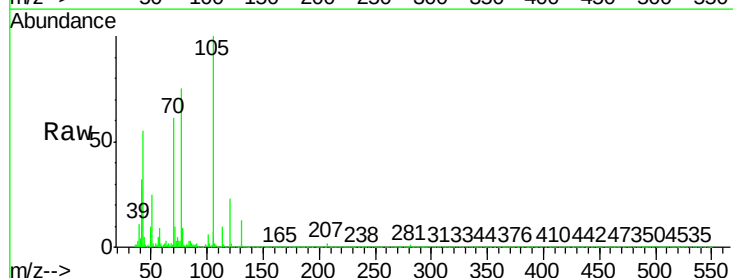
Ion Ratio Lower Upper

70 100

42 52.2 41.8 62.6

101 10.0 8.0 12.0

130 21.8 18.7 28.1

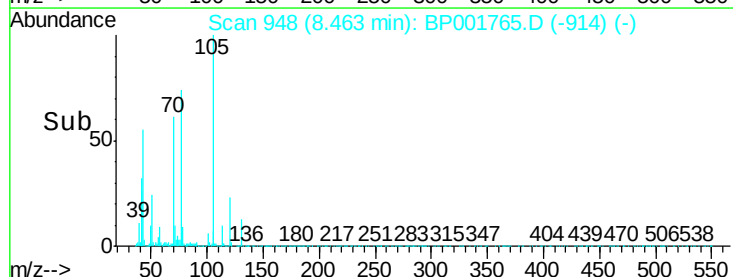
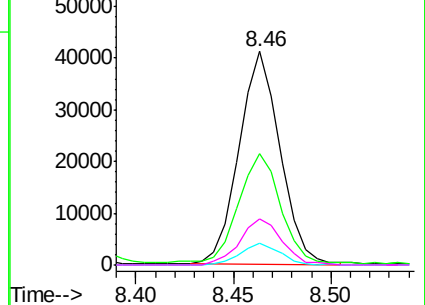


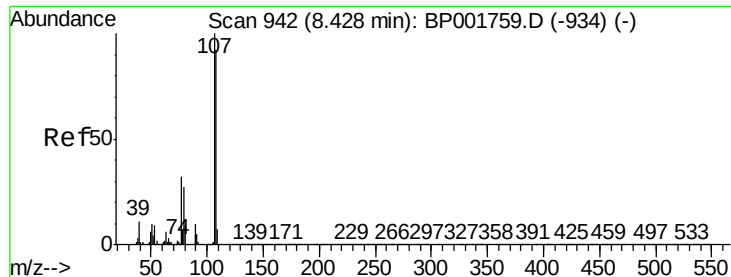
Abundance Ion 70.00 (69.70 to 70.70): BP0

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: 3.329 ng/ul

RT: 8.42 min Scan# 941

Delta R.T. -0.01 min

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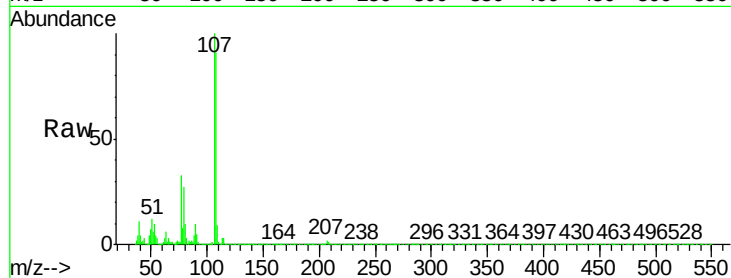
MDL-SOIL-01

Tot Ion:108 Resp: 88455

Ion Ratio Lower Upper

108 100

107 110.4 87.3 130.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

60000

50000

40000

30000

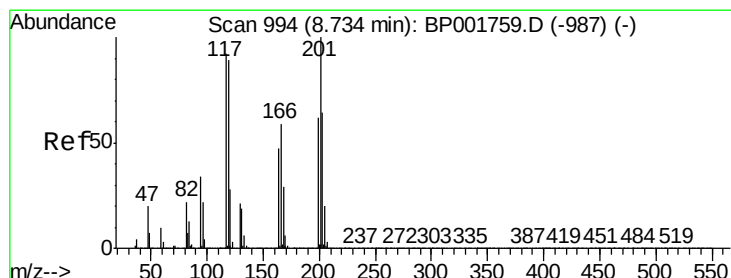
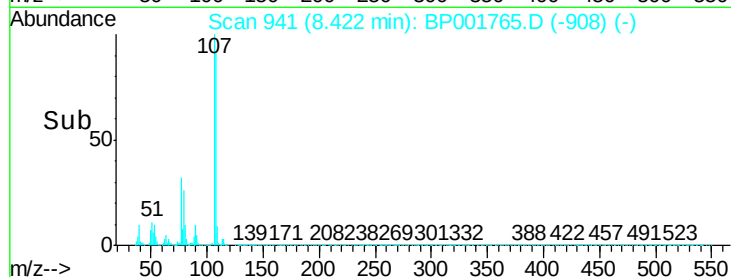
20000

10000

0

8.35 8.40 8.45 8.50

Time-->



#17

Hexachloroethane

Concen: 3.376 ng/ul

RT: 8.73 min Scan# 994

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

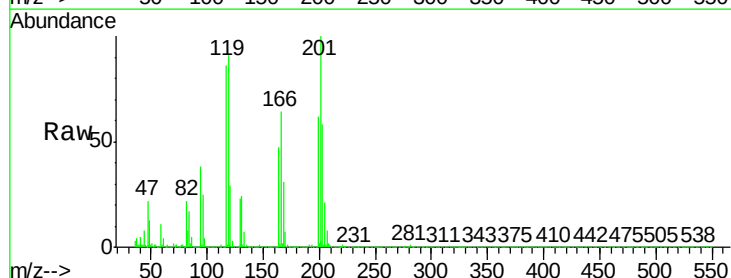
Tgt Ion:117 Resp: 35322

Ion Ratio Lower Upper

117 100

201 115.7 87.2 130.8

199 71.9 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

30000

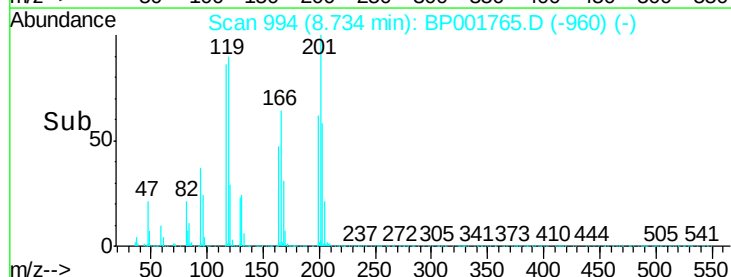
20000

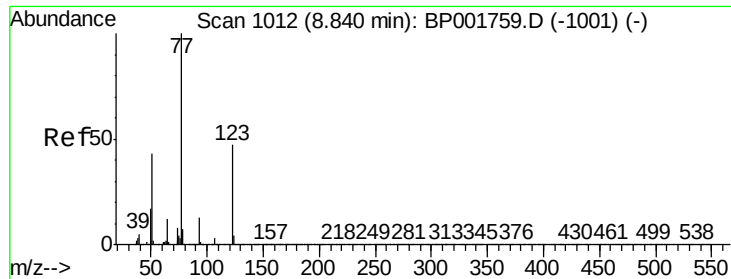
10000

0

8.65 8.70 8.75 8.80

Time-->

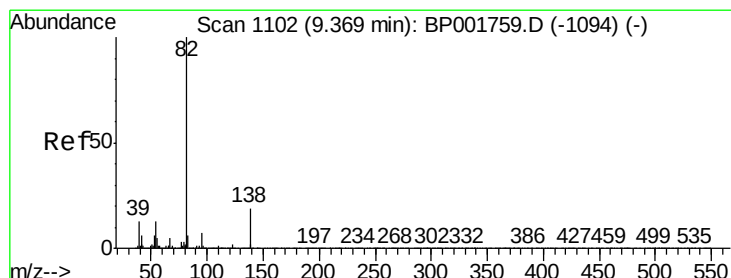
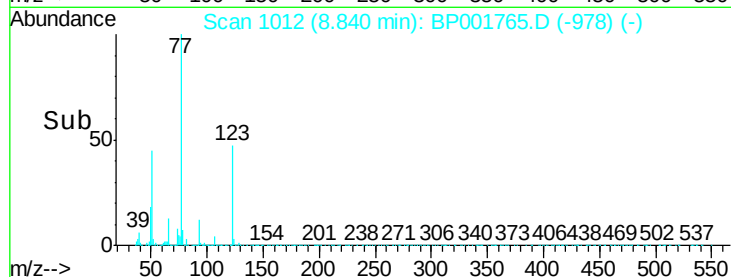
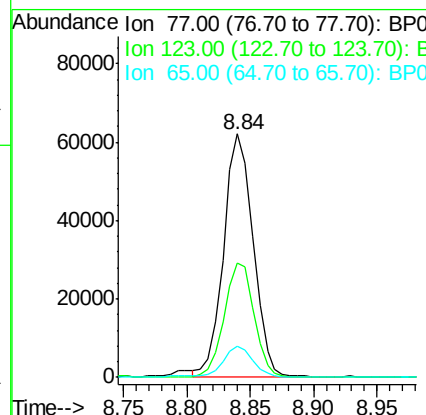
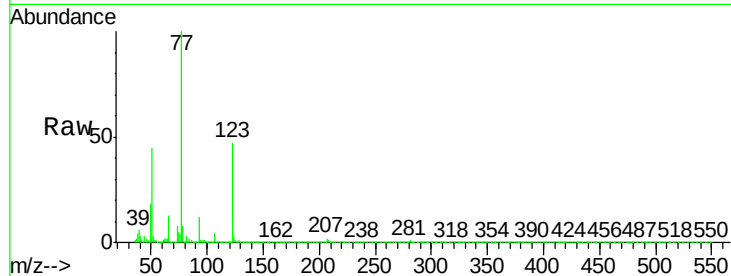




#20
Nitrobenzene
Concen: 3.591 ng/ul
RT: 8.84 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

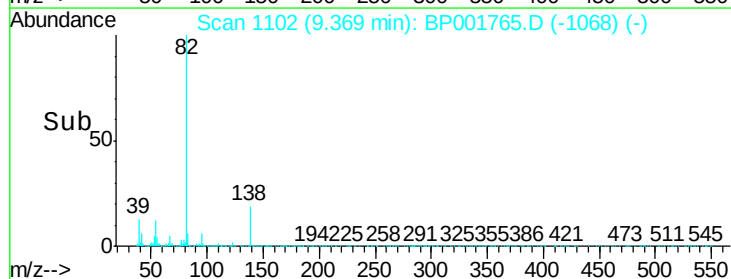
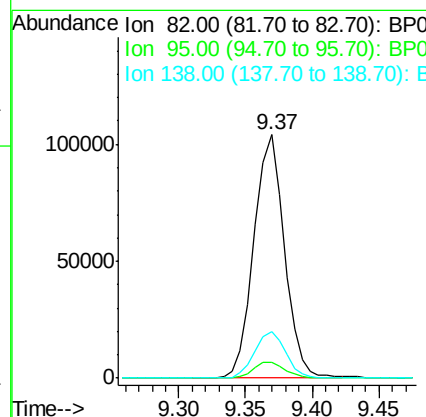
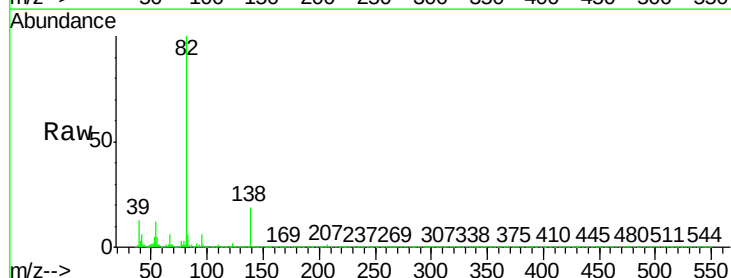
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

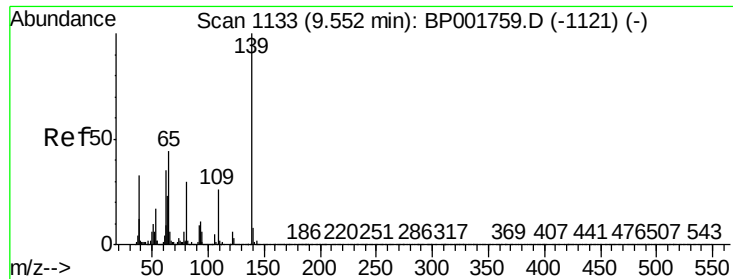
Tot Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.2	55.8
65	12.7	9.5	14.3



#21
Isophorone
Concen: 3.186 ng/ul
RT: 9.37 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.6	8.4
138	19.1	15.4	23.2





#23

2-Nitrophenol

Concen: 3.714 ng/ul

RT: 9.55 min Scan# 1133

Delta R.T. 0.00 min

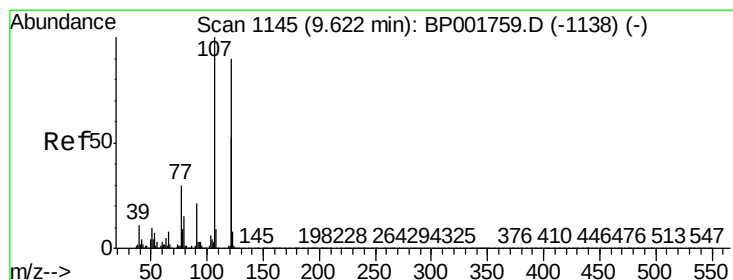
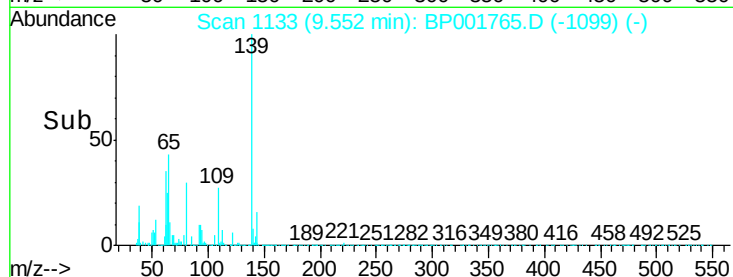
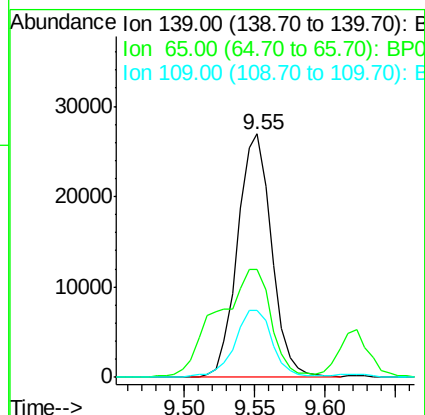
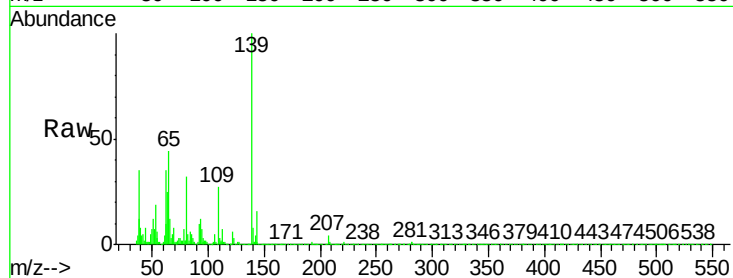
Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

Tot Ion:139 Resp: 45486

Ion	Ratio	Lower	Upper
139	100		
65	44.1	35.0	52.6
109	27.3	20.8	31.2



#24

2,4-Dimethylphenol

Concen: 3.323 ng/ul

RT: 9.62 min Scan# 1145

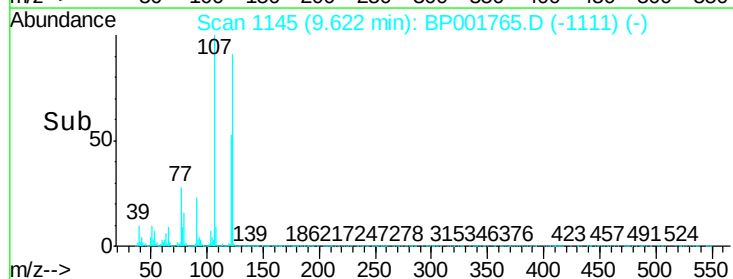
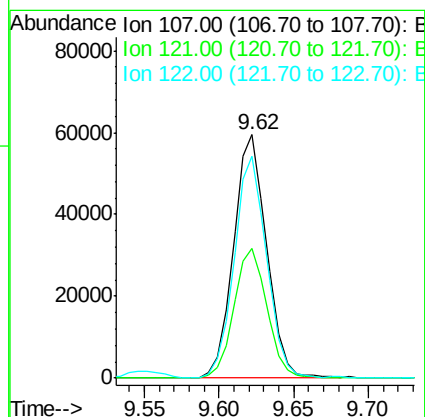
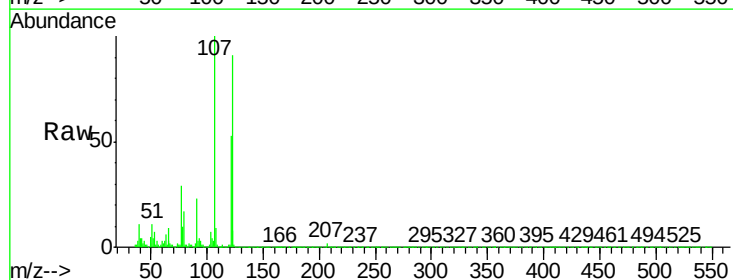
Delta R.T. 0.00 min

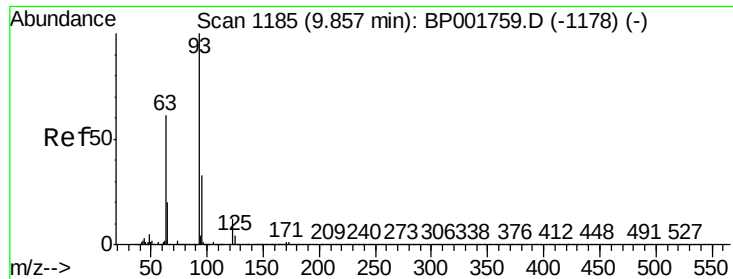
Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Tgt Ion:107 Resp: 91394

Ion	Ratio	Lower	Upper
107	100		
121	53.3	41.8	62.6
122	91.3	72.4	108.6





#25

Bis(2-Chloroethoxy)methane

Concen: 3.444 ng/ul

RT: 9.86 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

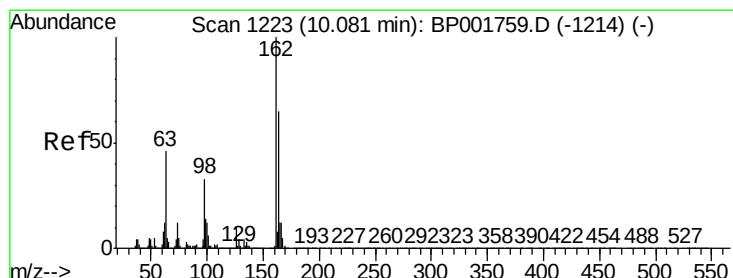
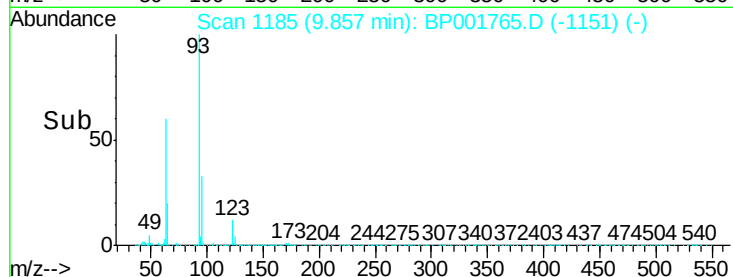
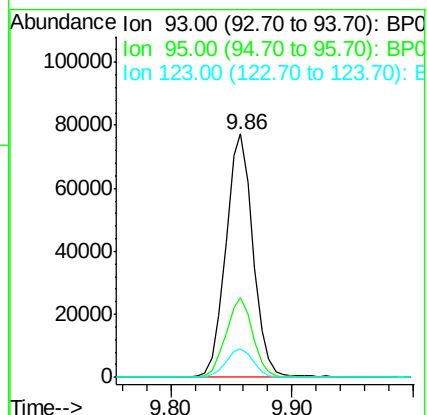
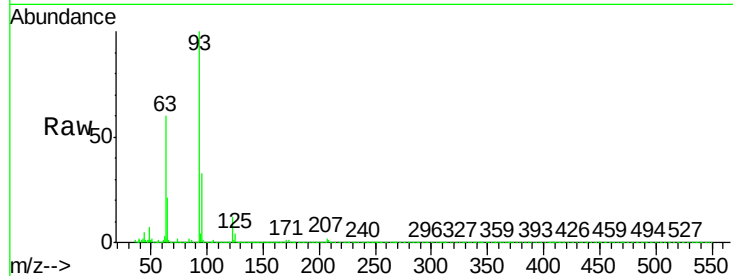
Tot Ion: 93 Resp: 119979

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	11.9	9.8	14.6

93 100

95 32.8 26.4 39.6

123 11.9 9.8 14.6



#27

2,4-Dichlorophenol

Concen: 3.531 ng/ul

RT: 10.08 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

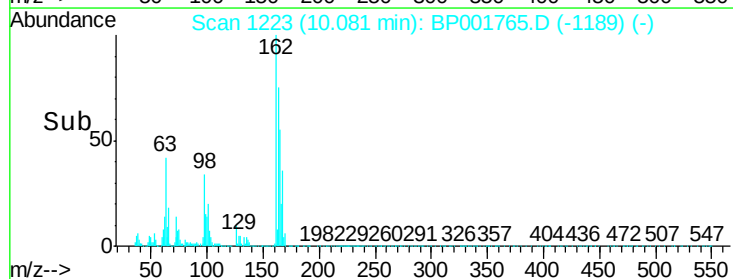
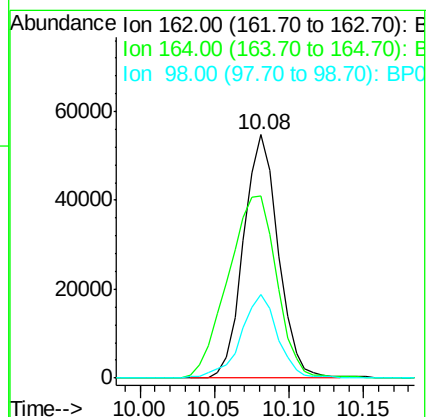
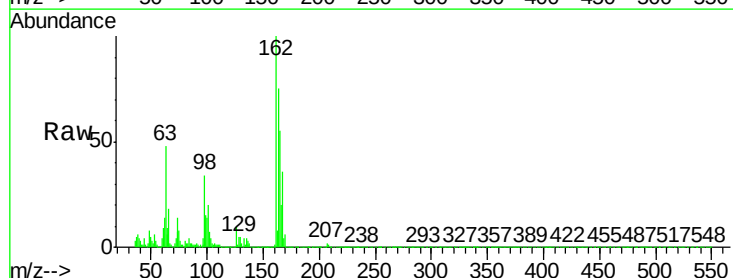
Tgt Ion: 162 Resp: 88079

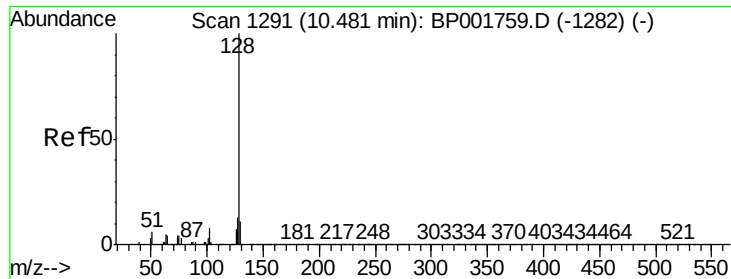
Ion	Ratio	Lower	Upper
162	100		
164	74.8	52.3	78.5
98	34.1	26.6	39.8

162 100

164 74.8 52.3 78.5

98 34.1 26.6 39.8

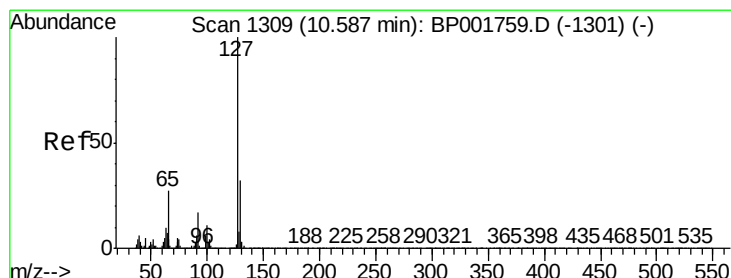
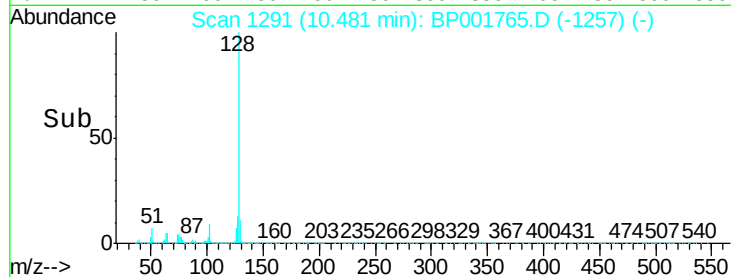
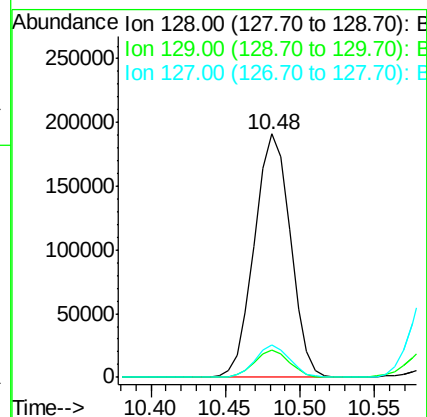
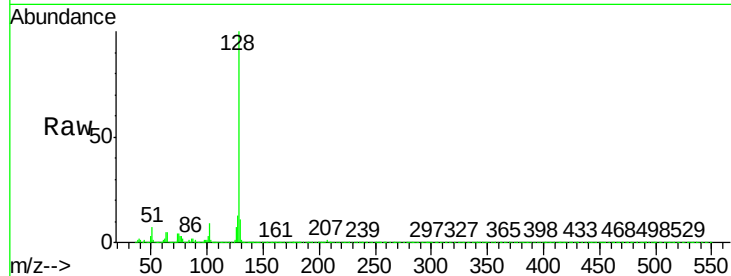




#28
Naphthalene
Concen: 3.563 ng/ul
RT: 10.48 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

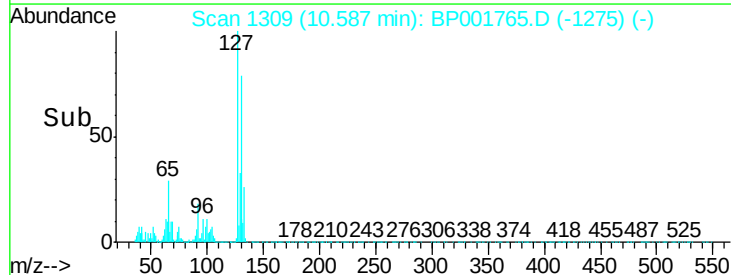
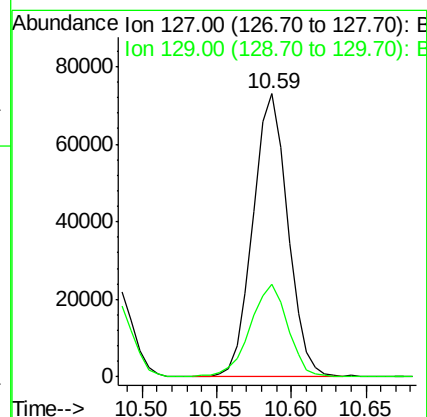
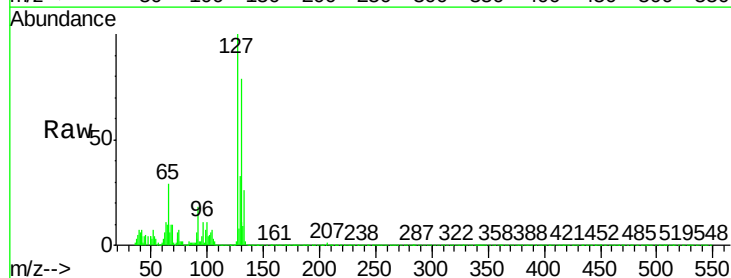
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

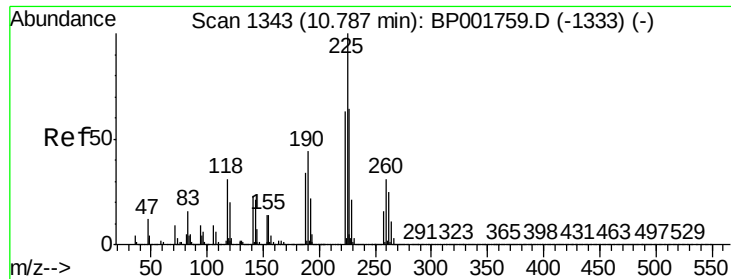
Tot Ion:128 Resp: 317847
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.3 10.2 15.4



#30
4-Chloroaniline
Concen: 4.057 ng/ul
RT: 10.59 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:127 Resp: 117860
Ion Ratio Lower Upper
127 100
129 32.6 25.8 38.6

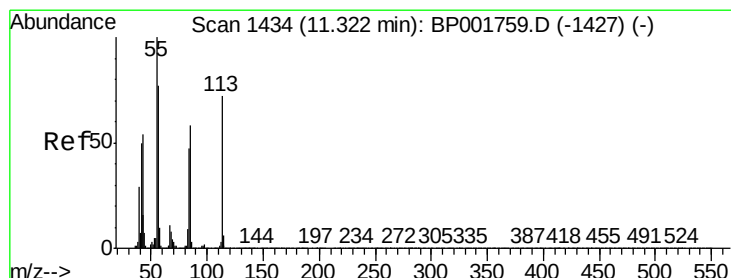
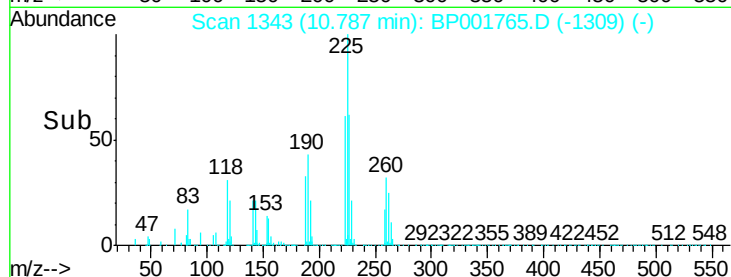
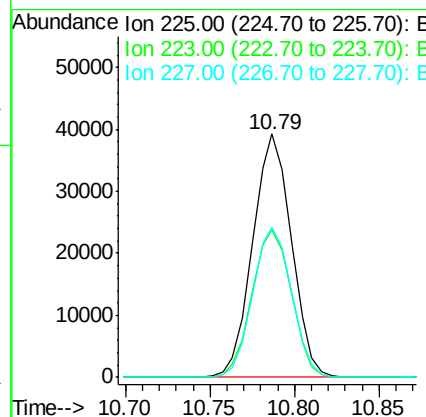
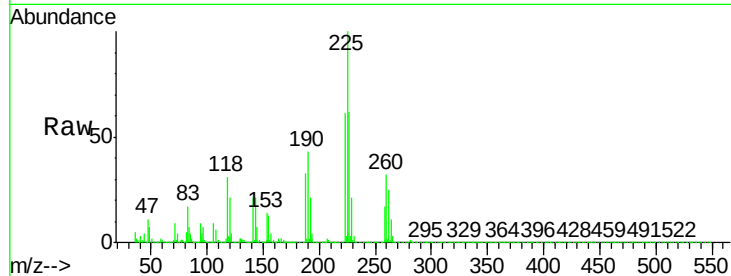




#31
Hexachlorobutadiene
Concen: 3.550 ng/ul
RT: 10.79 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

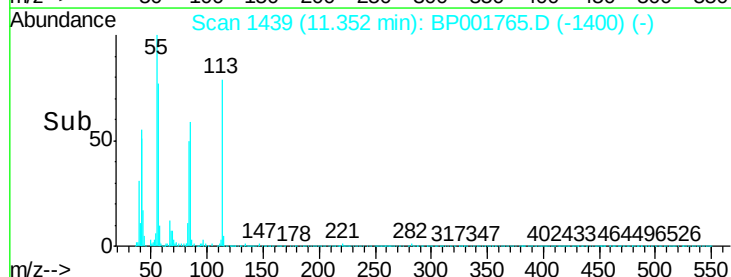
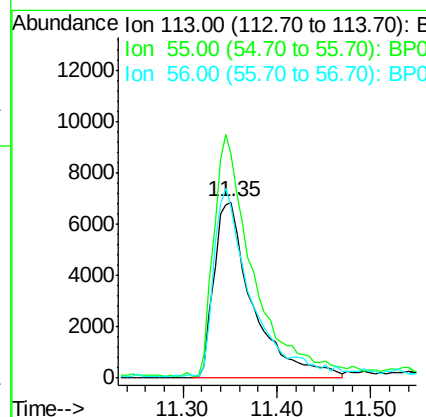
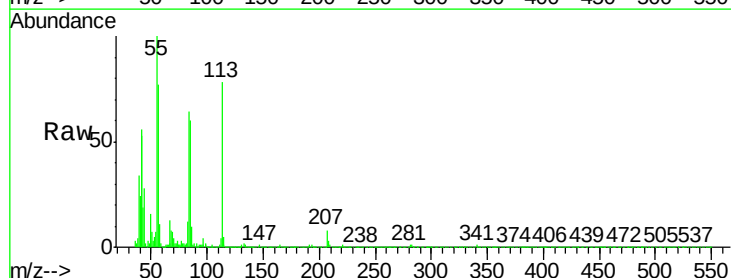
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

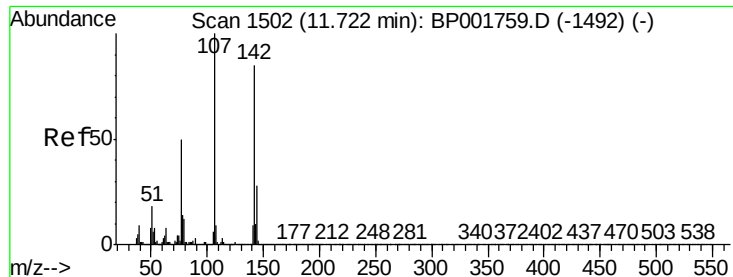
Tot Ion:225 Resp: 62607
Ion Ratio Lower Upper
225 100
223 60.9 50.7 76.1
227 61.7 51.3 76.9



#32
Caprolactam
Concen: 2.605 ng/ul
RT: 11.35 min Scan# 1439
Delta R.T. 0.03 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:113 Resp: 19633
Ion Ratio Lower Upper
113 100
55 127.4 111.0 166.6
56 97.8 86.2 129.2

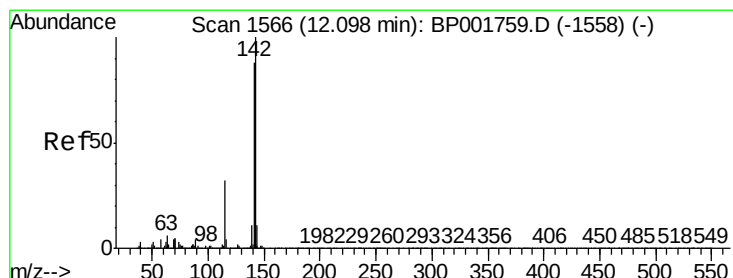
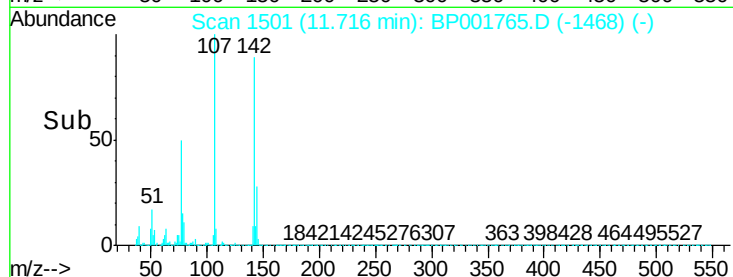
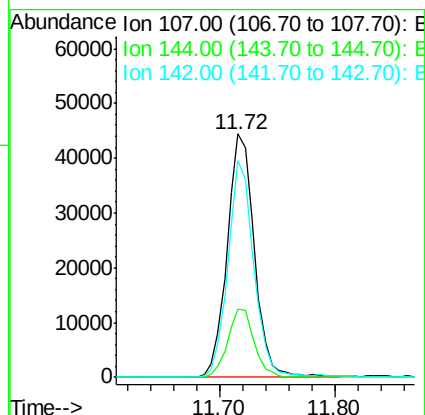
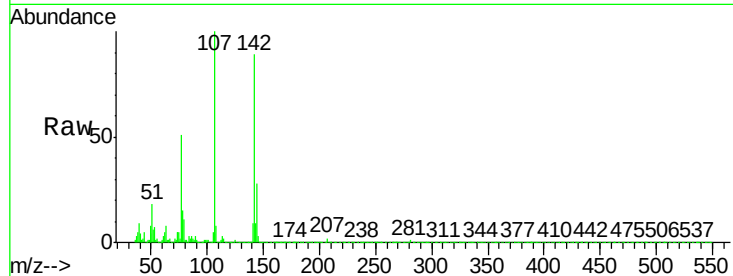




#33
4-Chloro-3-methylphenol
Concen: 3.056 ng/ul
RT: 11.72 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

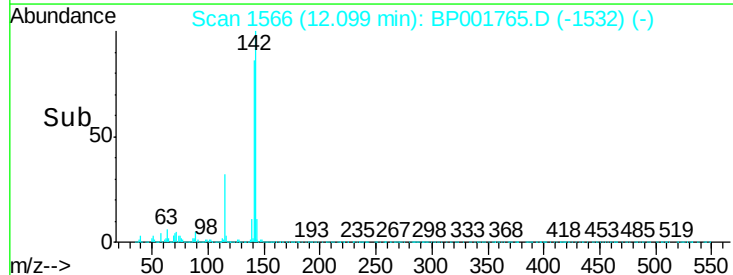
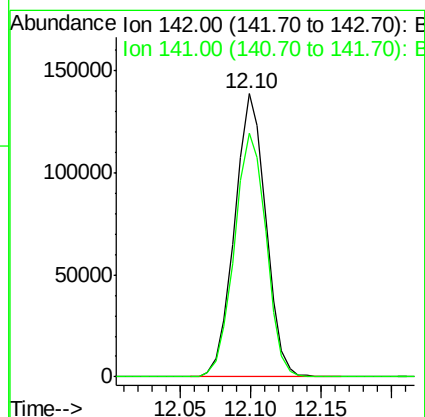
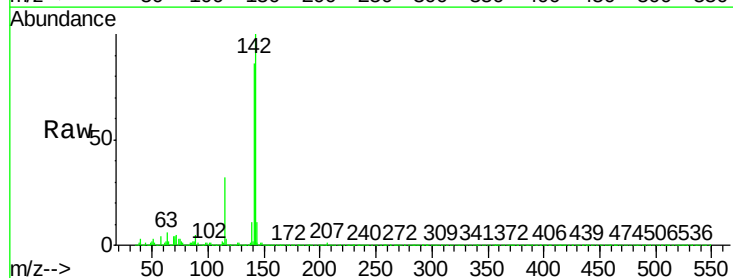
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

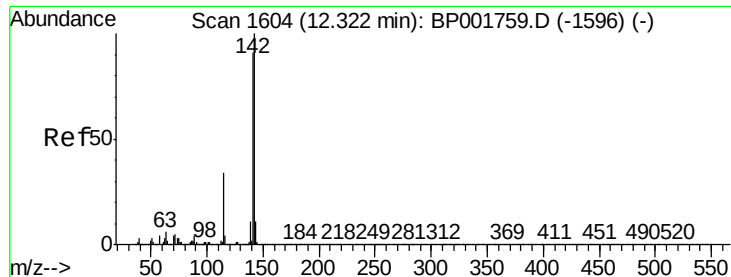
Tot Ion:107 Resp: 72572
Ion Ratio Lower Upper
107 100
144 27.9 22.3 33.5
142 88.9 68.2 102.4



#34
2-Methylnaphthalene
Concen: 3.469 ng/ul
RT: 12.10 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:142 Resp: 213303
Ion Ratio Lower Upper
142 100
141 86.0 70.2 105.4

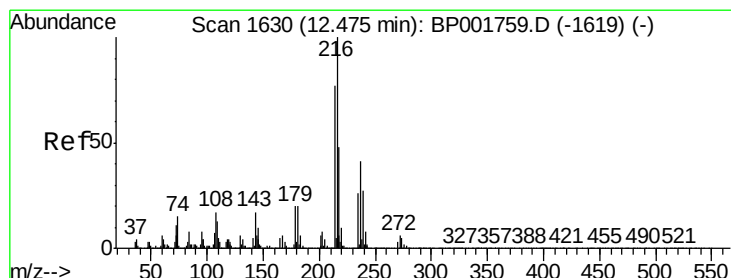
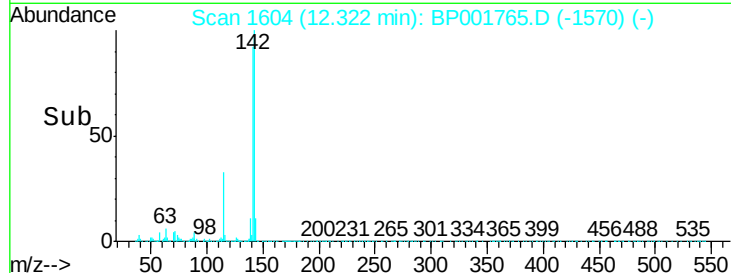
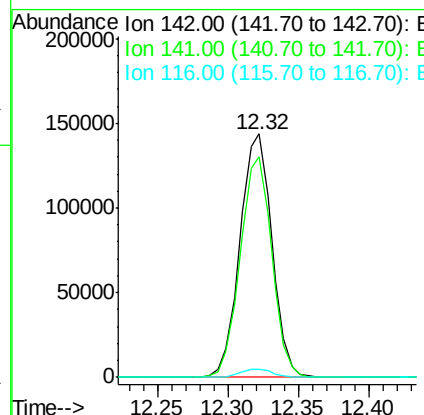
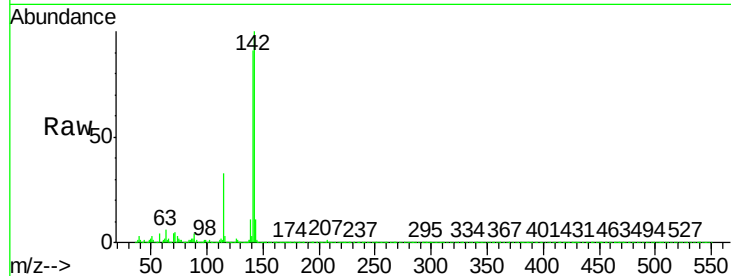




#35
 1-Methylnaphthalene
 Concen: 3.732 ng/ul
 RT: 12.32 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

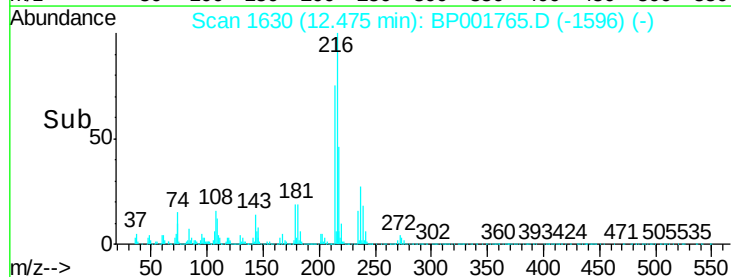
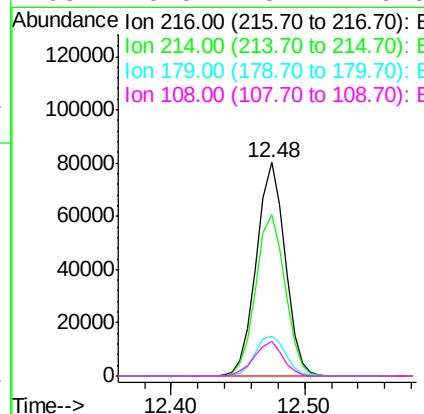
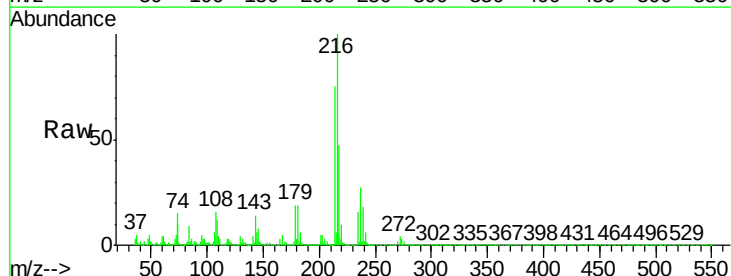
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

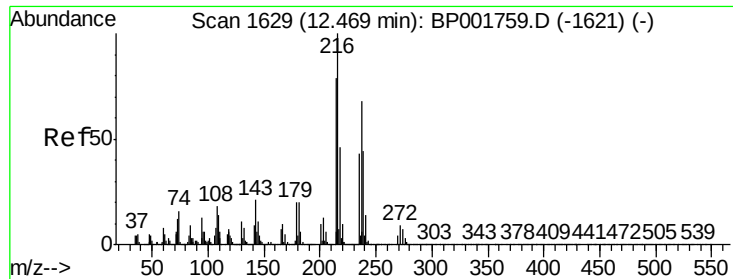
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.2	109.8
116	3.2	2.9	4.3



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.524 ng/ul
 RT: 12.48 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.4	61.8	92.8
179	18.8	16.2	24.2
108	16.0	13.7	20.5

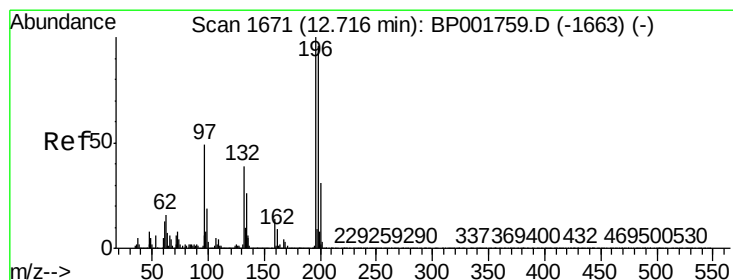
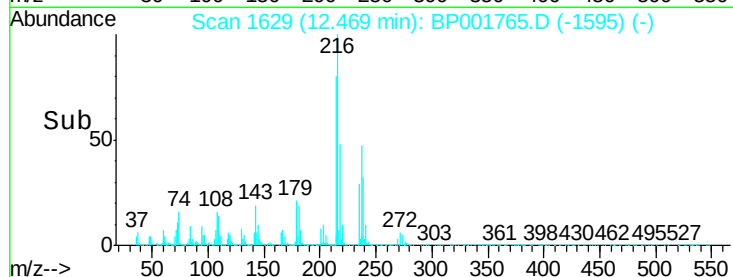
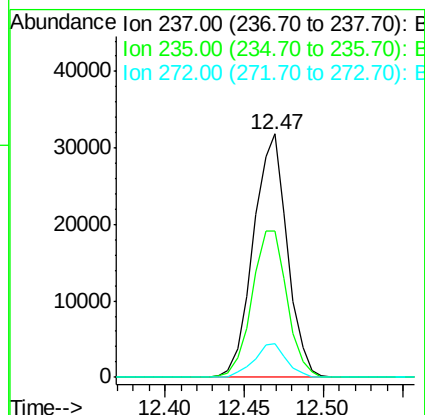
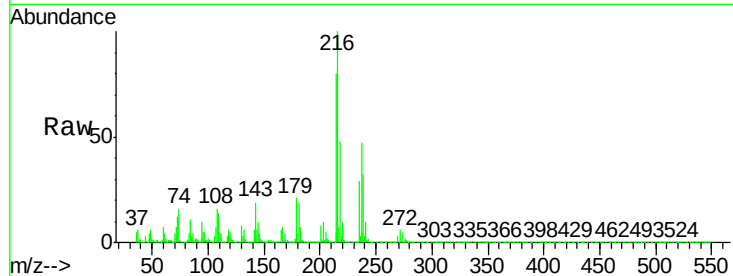




#38
Hexachlorocyclopentadiene
Concen: 2.598 ng/ul
RT: 12.47 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

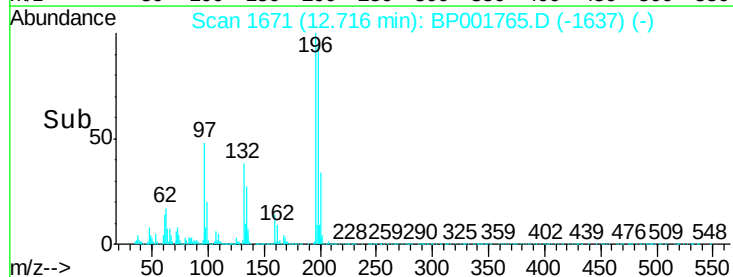
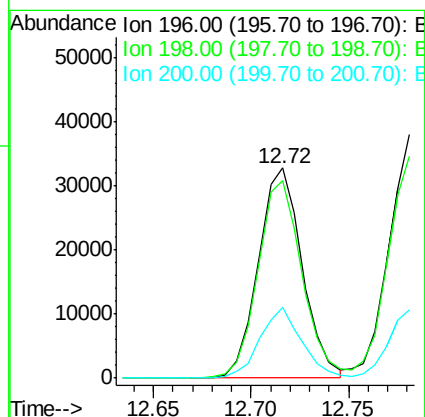
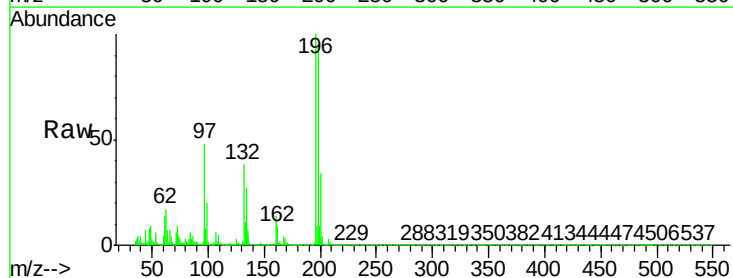
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

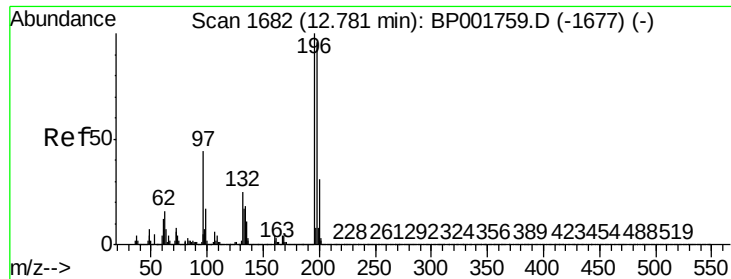
Tot Ion:237 Resp: 47370
Ion Ratio Lower Upper
237 100
235 60.2 50.2 75.4
272 13.6 10.7 16.1



#39
2,4,6-Trichlorophenol
Concen: 2.825 ng/ul
RT: 12.72 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:196 Resp: 50965
Ion Ratio Lower Upper
196 100
198 94.3 76.6 115.0
200 33.5 24.6 37.0

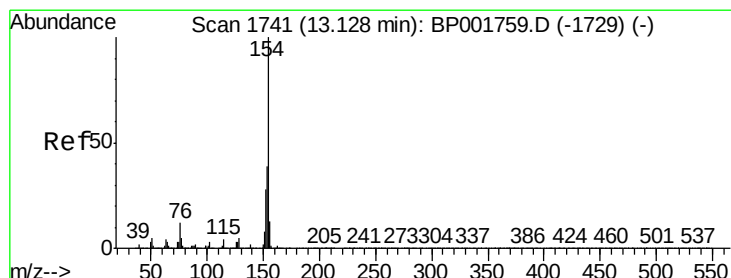
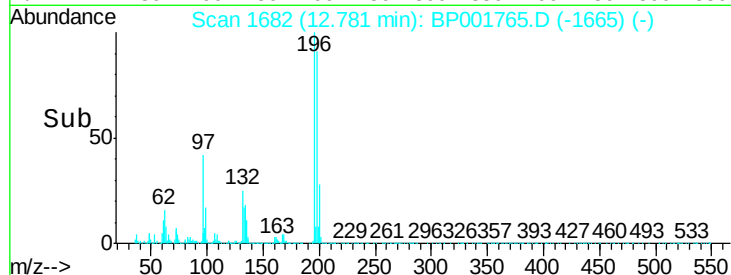
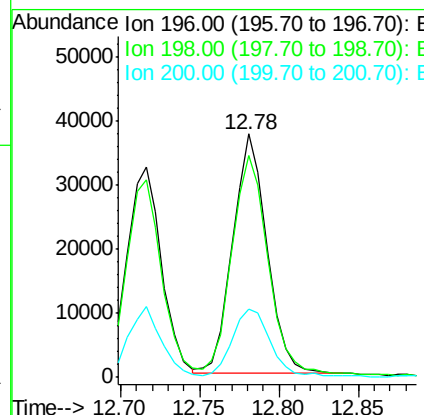
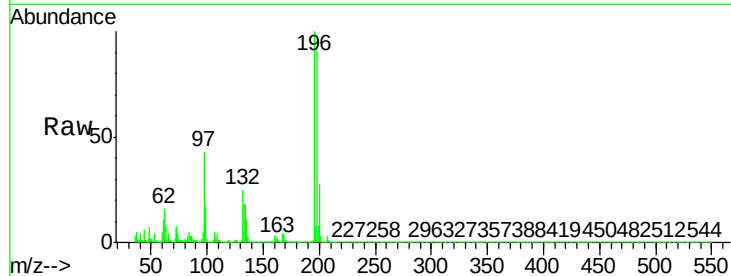




#40
 2,4,5-Trichlorophenol
 Concen: 2.815 ng/ul
 RT: 12.78 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

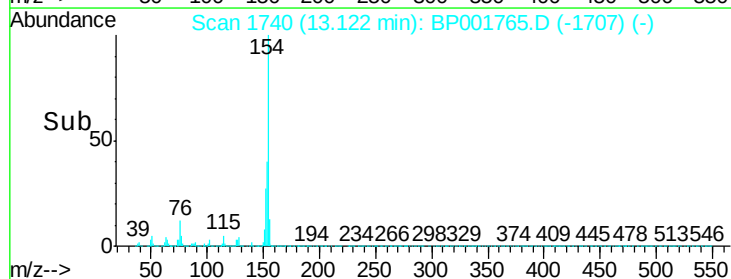
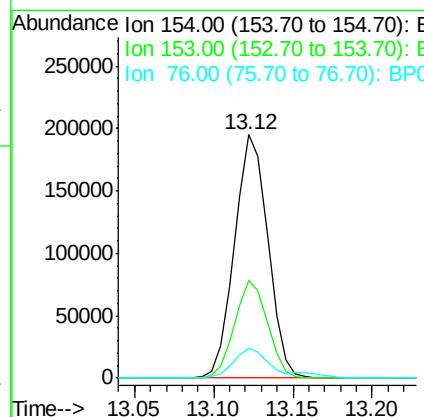
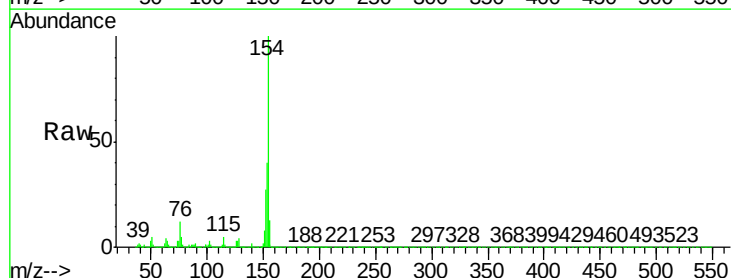
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

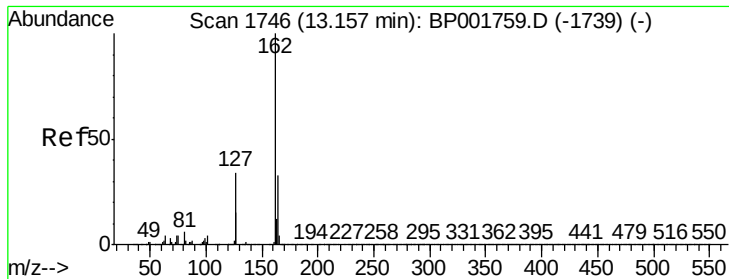
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.2	77.2	115.8
200	28.3	24.7	37.1



#41
 1,1'-Biphenyl
 Concen: 3.520 ng/ul
 RT: 13.12 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	31.5	47.3
76	12.2	9.4	14.2

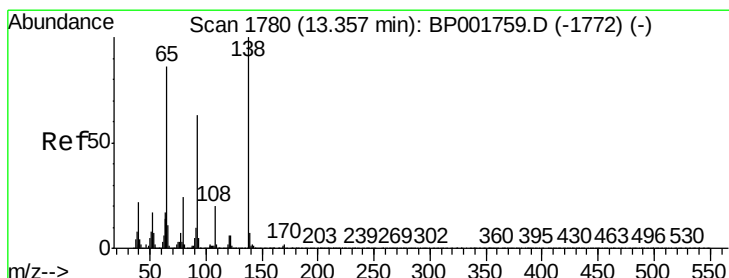
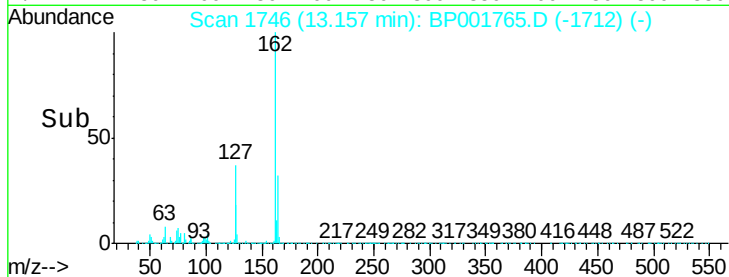
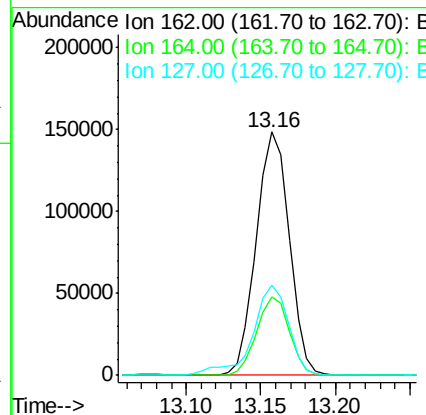
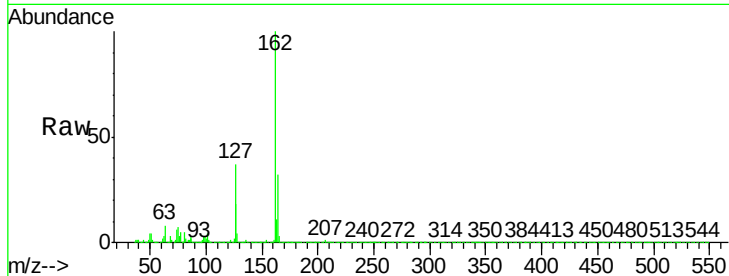




#42
2-Chloronaphthalene
Concen: 3.551 ng/ul
RT: 13.16 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

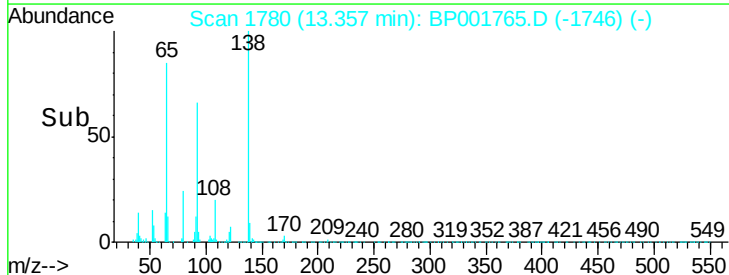
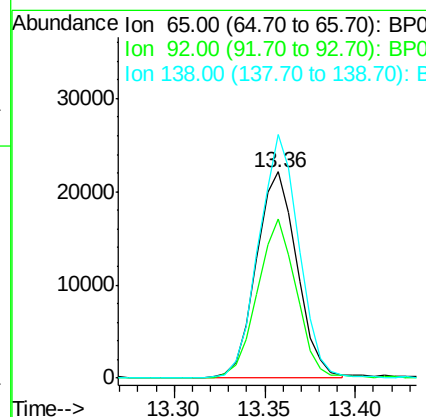
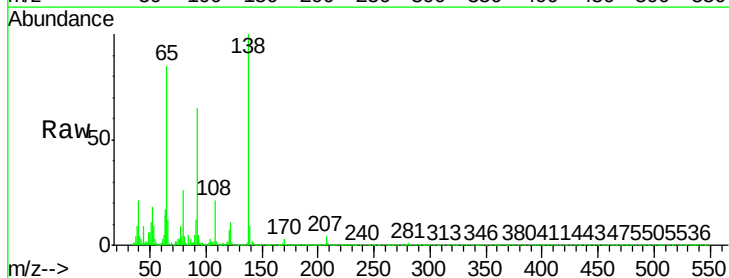
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

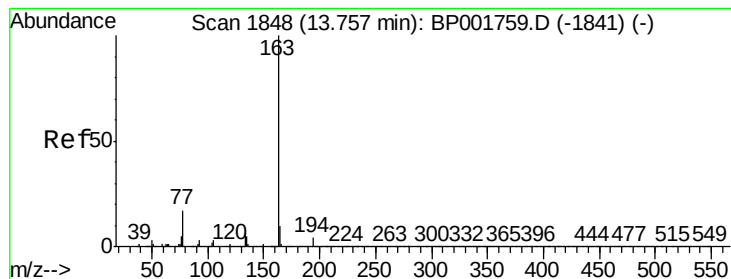
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.5	26.4	39.6
127	36.8	29.7	44.5



#43
2-Nitroaniline
Concen: 2.681 ng/ul
RT: 13.36 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.4	59.1	88.7
138	118.2	93.4	140.0





#45

Dimethylphthalate

Concen: 3.574 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

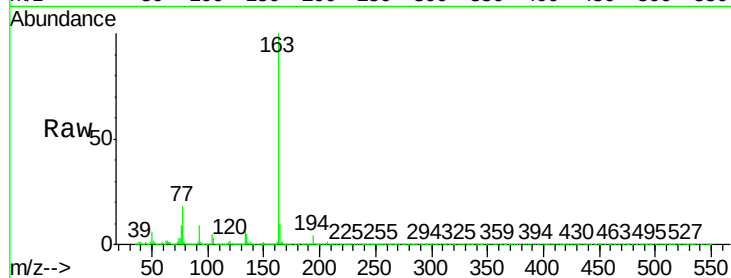
Tot Ion:163 Resp: 273569

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

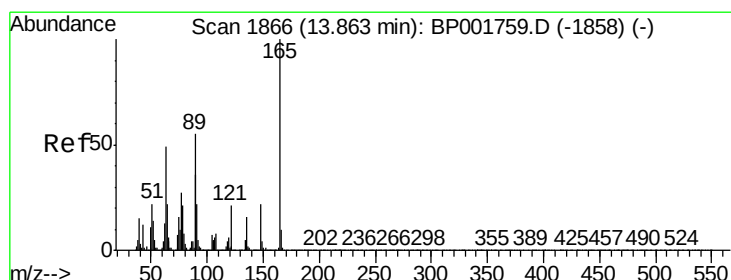
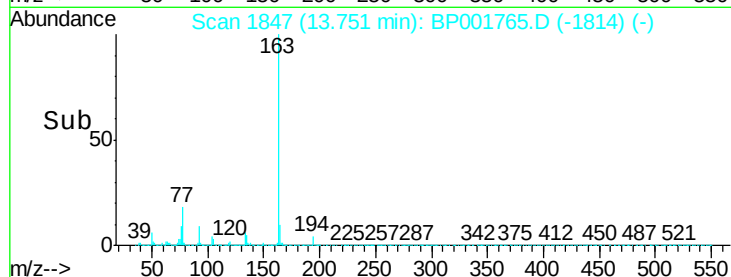
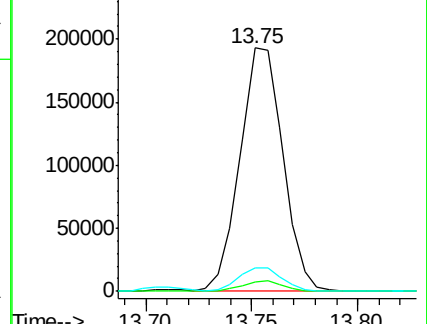
164 9.8 8.0 12.0



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: 2.572 ng/ul

RT: 13.86 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

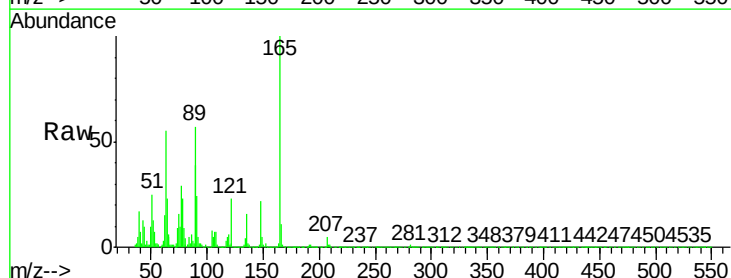
Tgt Ion:165 Resp: 34302

Ion Ratio Lower Upper

165 100

89 57.3 43.9 65.9

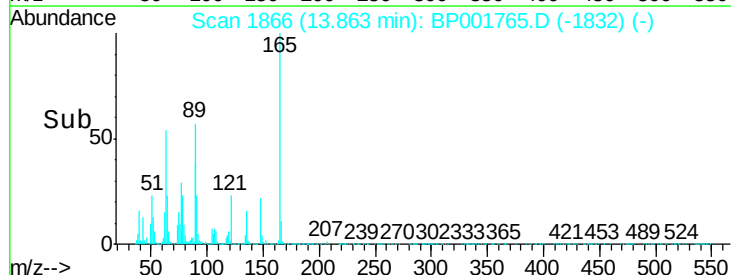
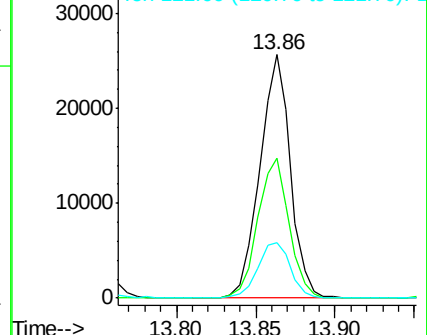
121 22.9 16.7 25.1

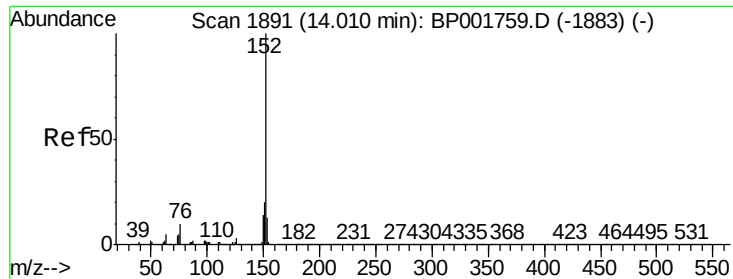


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BP0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 3.623 ng/ul

RT: 14.01 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

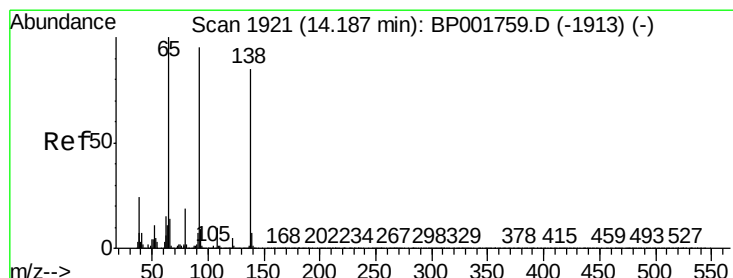
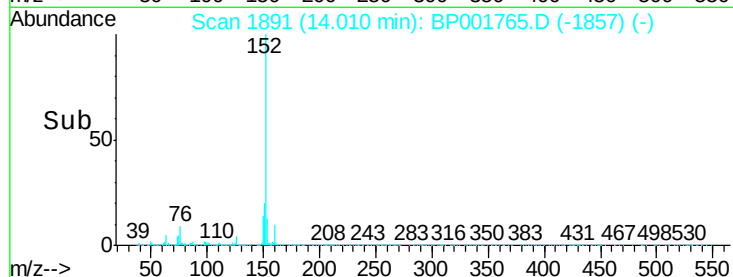
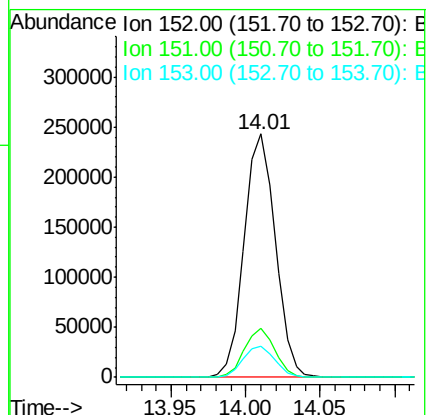
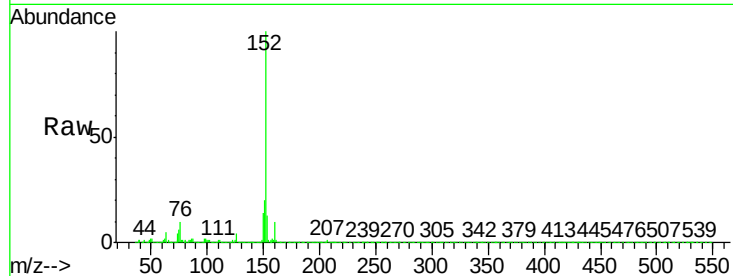
Tot Ion:152 Resp: 351979

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

153 13.0 10.7 16.1



#49

3-Nitroaniline

Concen: 2.789 ng/ul

RT: 14.19 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

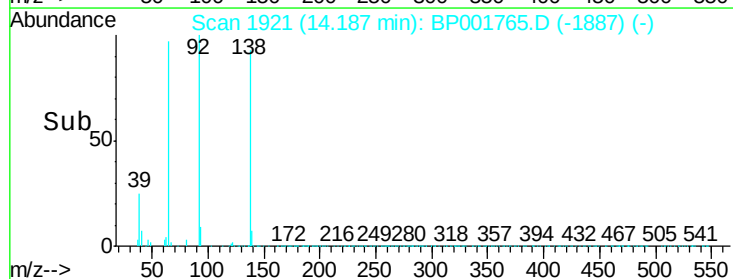
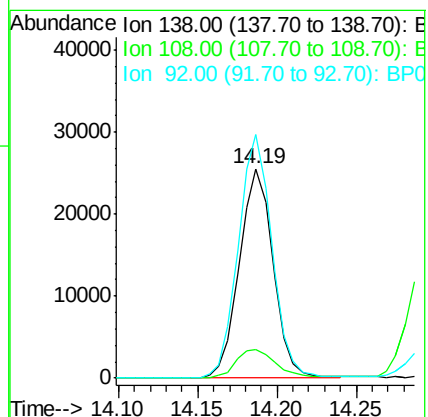
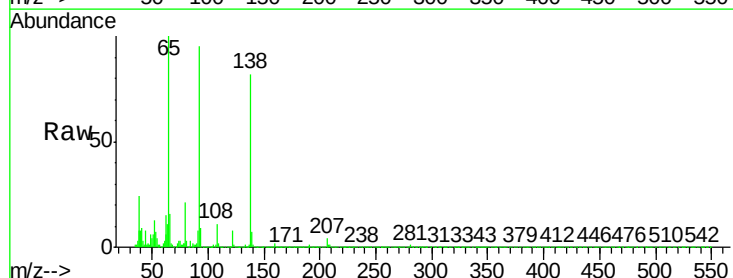
Tgt Ion:138 Resp: 37871

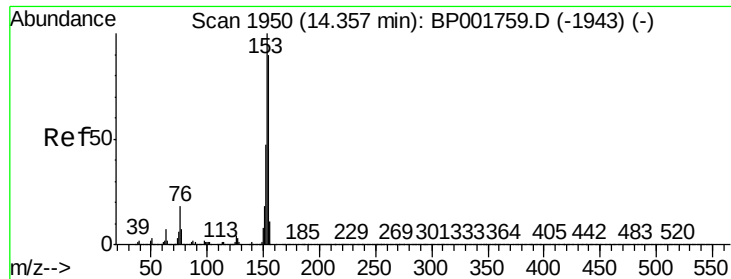
Ion Ratio Lower Upper

138 100

108 13.4 9.9 14.9

92 116.4 88.9 133.3





#50

Acenaphthene

Concen: 3.511 ng/ul

RT: 14.36 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

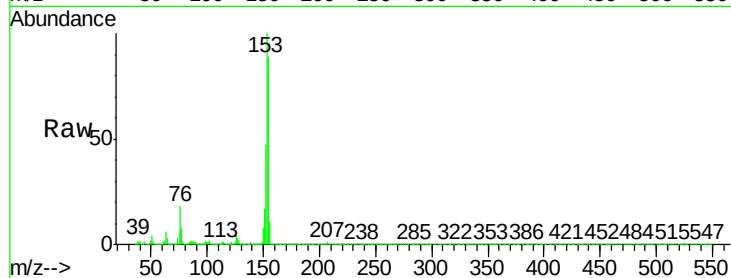
Tot Ion:153 Resp: 233091

Ion Ratio Lower Upper

153 100

152 47.5 37.8 56.8

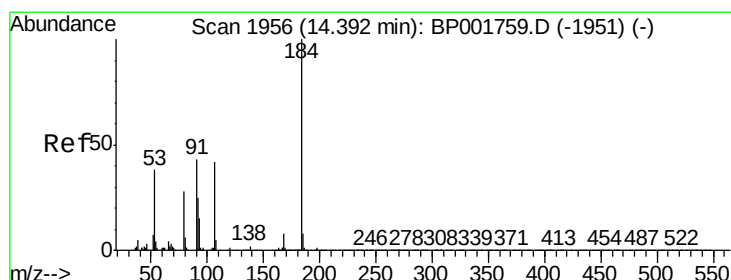
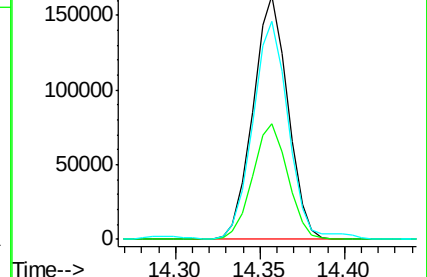
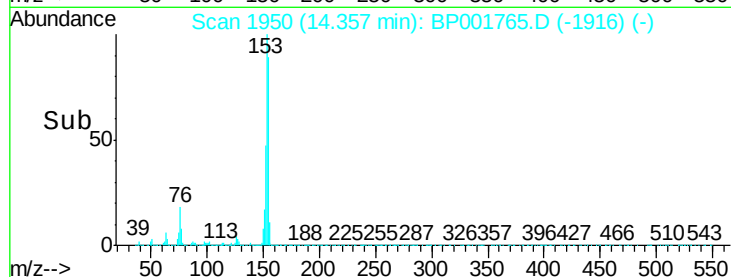
154 89.4 71.9 107.9



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: 1.905 ng/ul

RT: 14.39 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

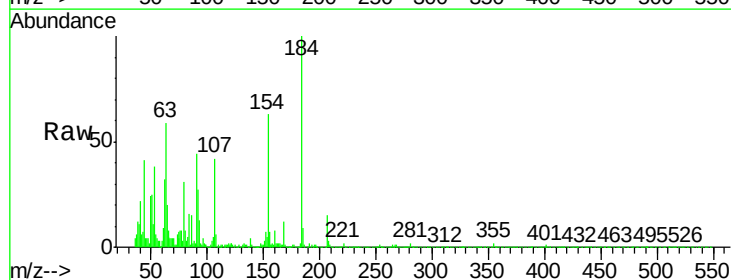
Tgt Ion:184 Resp: 10545

Ion Ratio Lower Upper

184 100

63 59.1 45.9 68.9

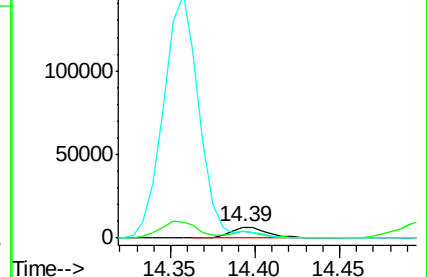
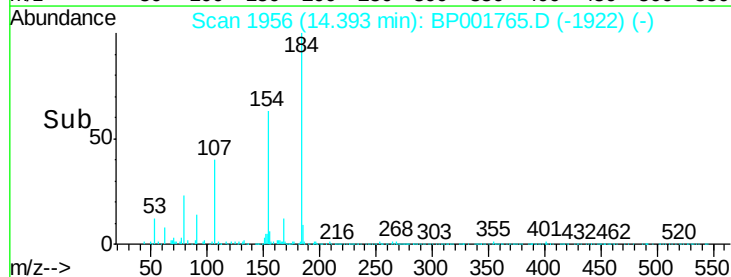
154 62.8 47.3 70.9

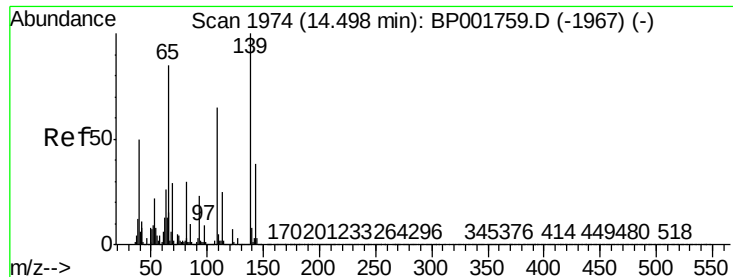


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 3.292 ng/ul

RT: 14.50 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

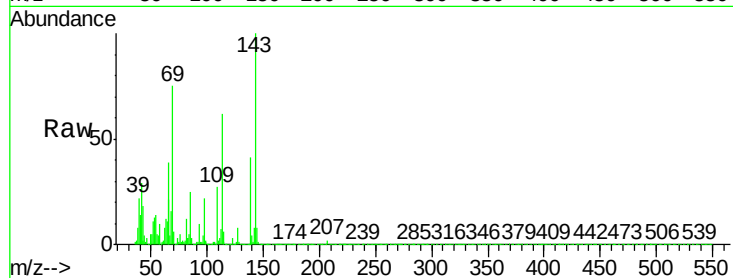
Tot Ion:109 Resp: 30864

Ion Ratio Lower Upper

109 100

139 155.2 123.1 184.7

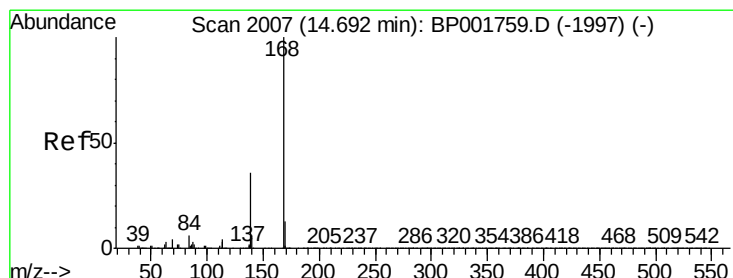
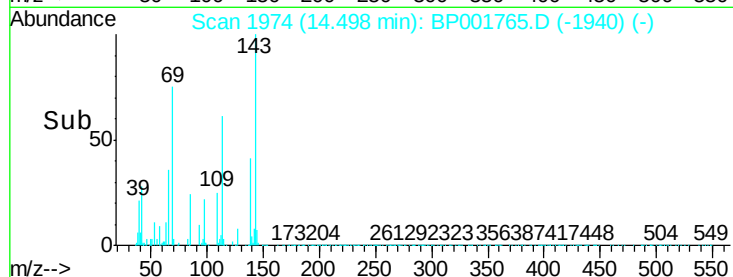
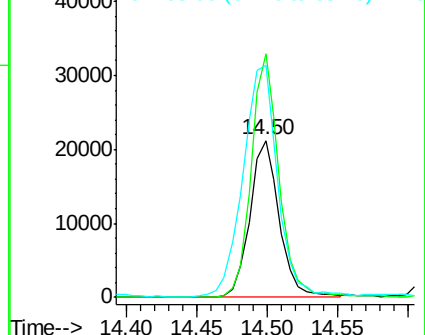
65 147.7 105.0 157.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BP0



#54

Dibenzofuran

Concen: 3.625 ng/ul

RT: 14.69 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BP001765.D

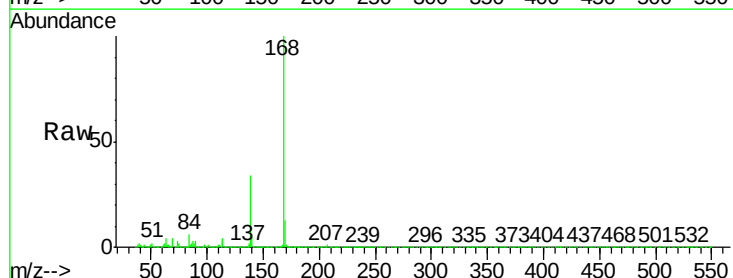
Acq: 18 Feb 2020 18:21

Tgt Ion:168 Resp: 338851

Ion Ratio Lower Upper

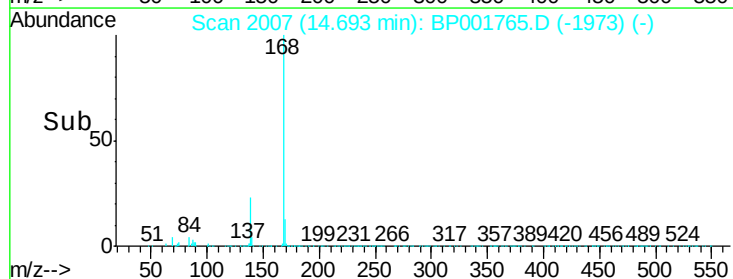
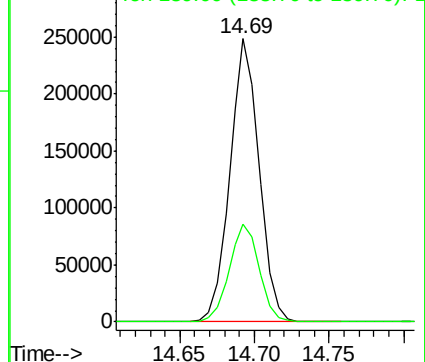
168 100

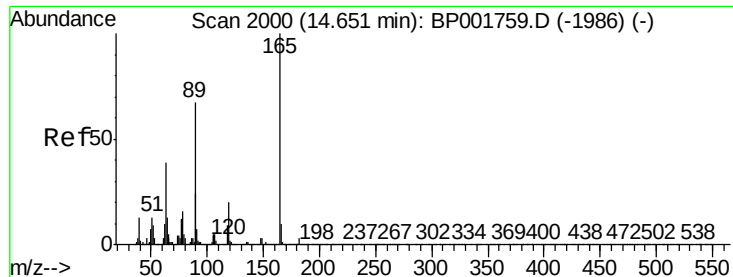
139 34.4 28.6 43.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

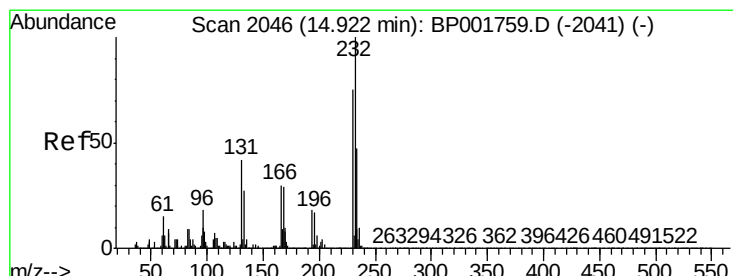
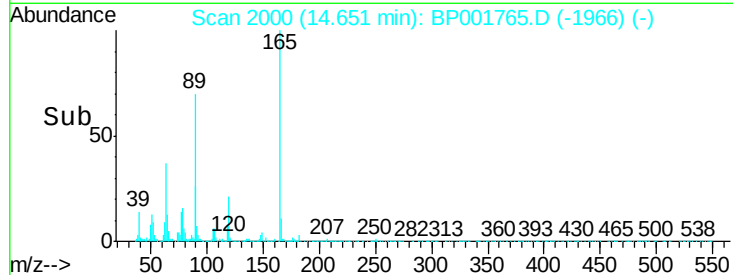
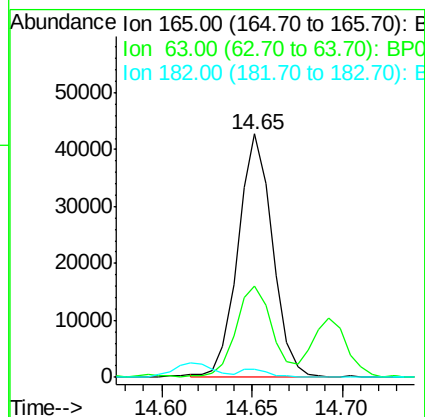
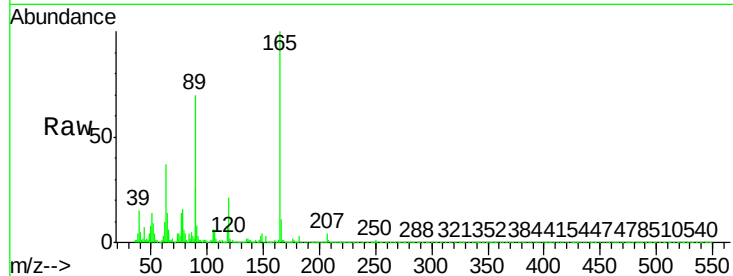




#55
 2,4-Dinitrotoluene
 Concen: 2.861 ng/ul
 RT: 14.65 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

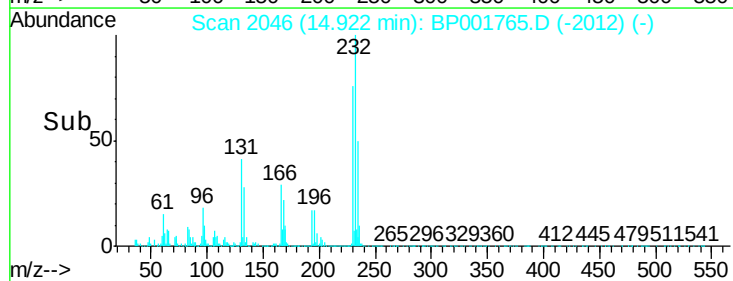
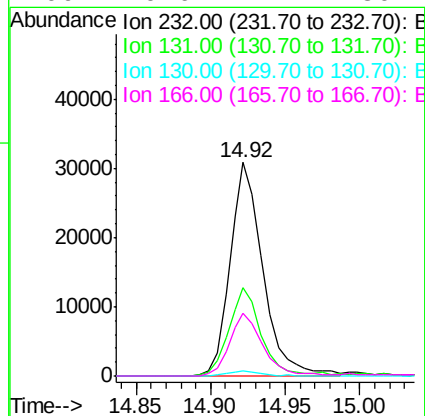
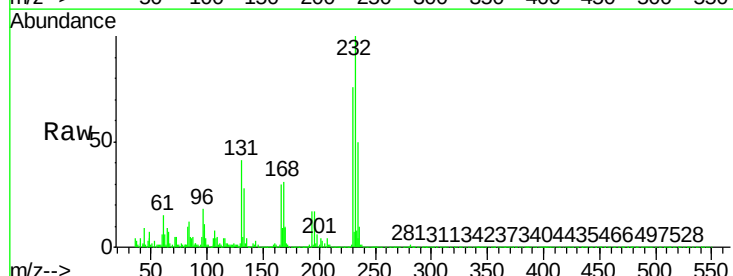
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

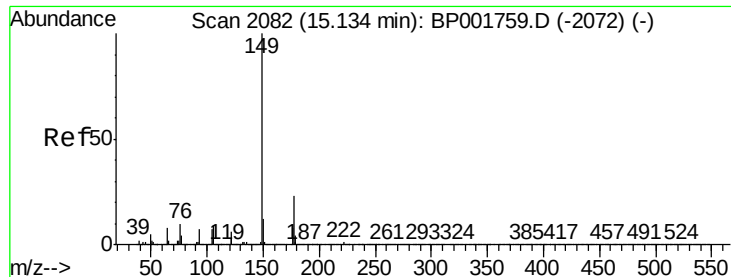
Tot Ion:165 Resp: 56184
 Ion Ratio Lower Upper
 165 100
 63 37.3 31.0 46.6
 182 3.4 2.4 3.6



#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.955 ng/ul
 RT: 14.92 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

Tgt Ion:232 Resp: 47432
 Ion Ratio Lower Upper
 232 100
 131 41.5 34.1 51.1
 130 2.3 1.8 2.6
 166 29.6 24.2 36.4

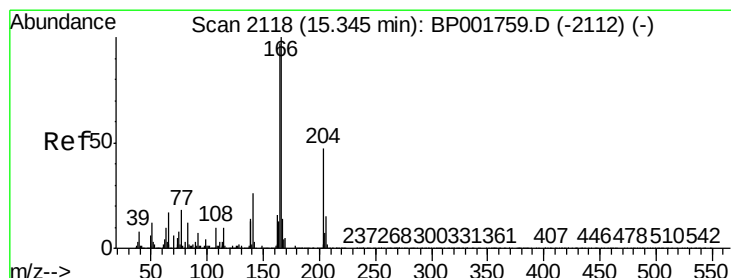
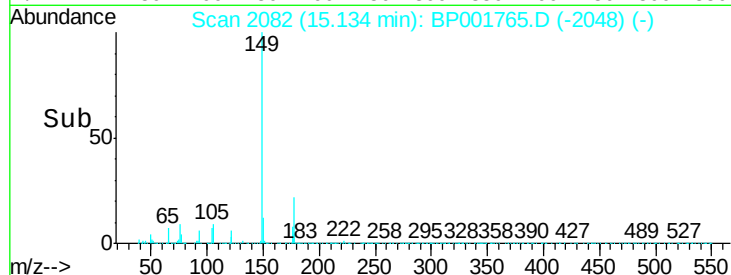
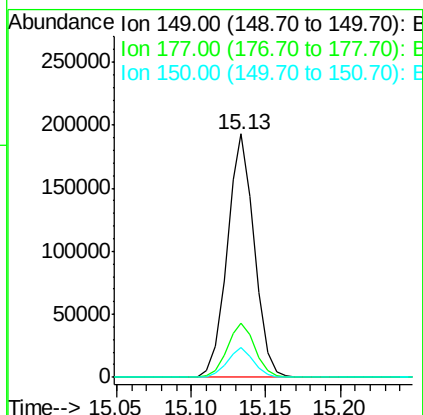
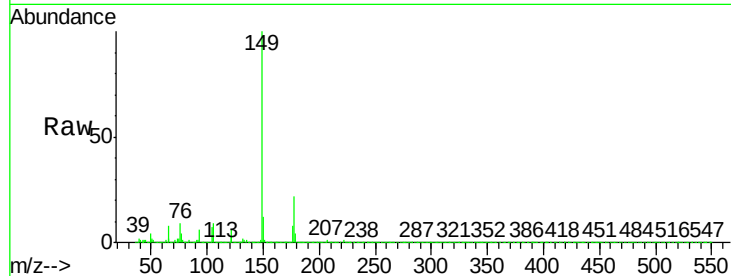




#57
Diethylphthalate
Concen: 3.341 ng/ul
RT: 15.13 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

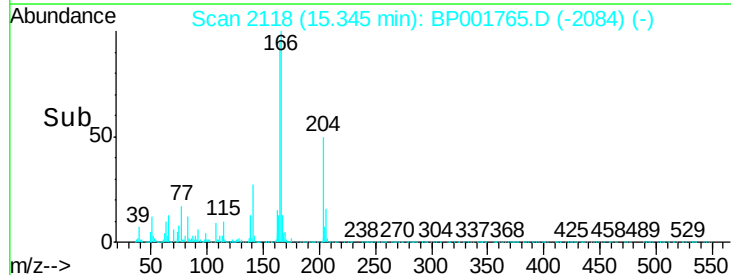
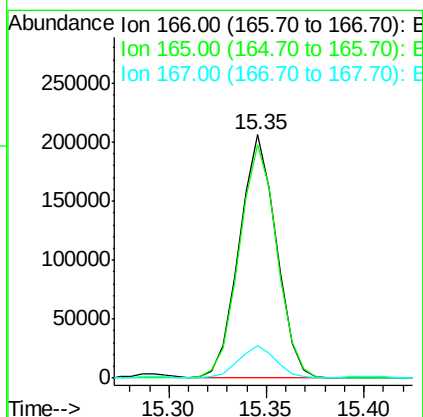
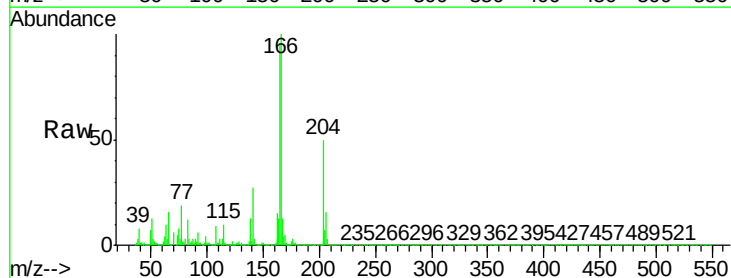
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

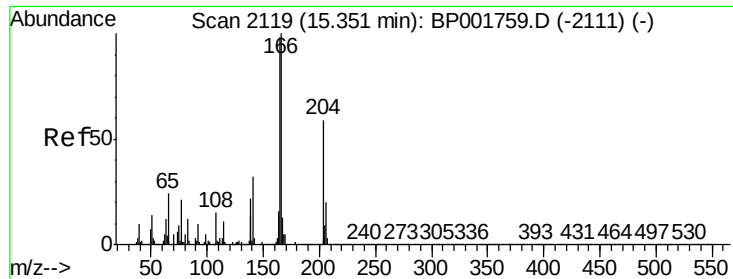
Tot Ion:149 Resp: 244531
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.4 9.8 14.8



#59
Fluorene
Concen: 3.660 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:166 Resp: 272173
Ion Ratio Lower Upper
166 100
165 95.8 77.3 115.9
167 13.1 11.0 16.6

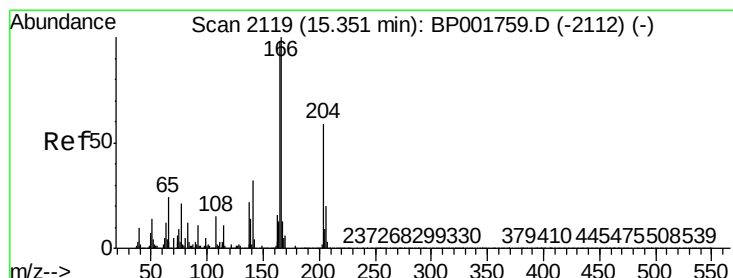
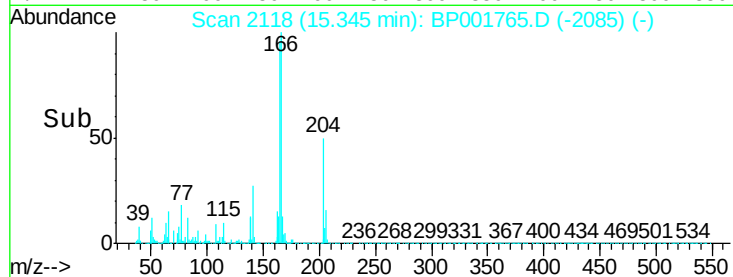
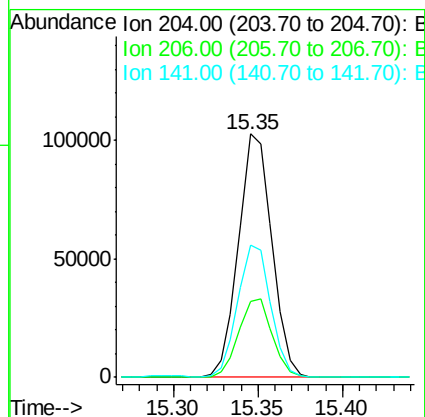
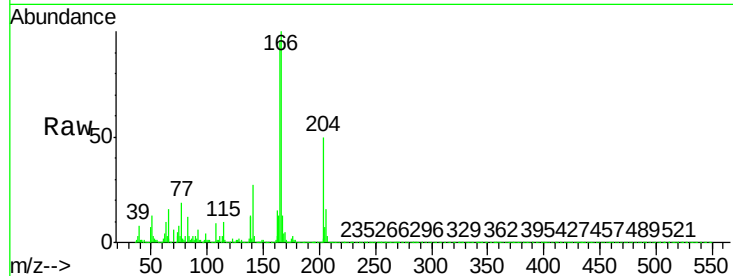




#60
4-Chlorophenyl-phenylether
Concen: 3.676 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

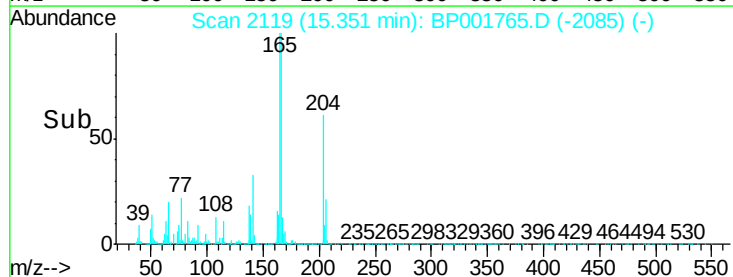
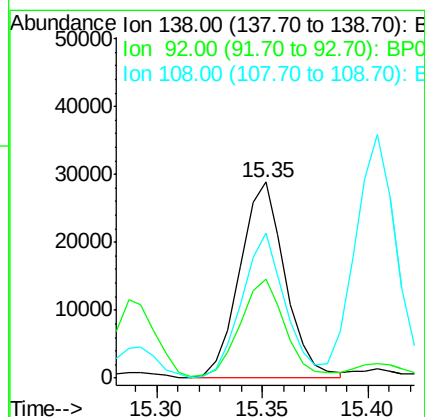
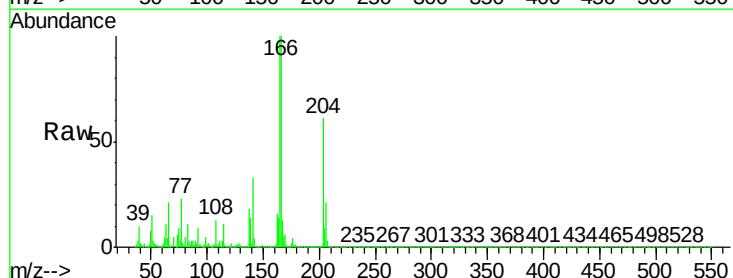
Instrument :
BNA_P
ClientSampled :
MDL-SOIL-01

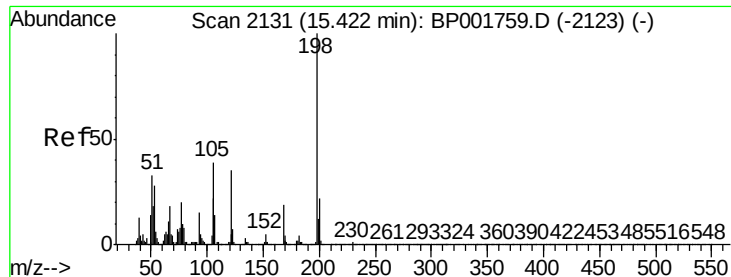
Tot Ion:204 Resp: 141868
Ion Ratio Lower Upper
204 100
206 31.4 26.6 40.0
141 54.4 43.1 64.7



#61
4-Nitroaniline
Concen: 2.783 ng/ul
RT: 15.35 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:138 Resp: 42671
Ion Ratio Lower Upper
138 100
92 50.8 38.4 57.6
108 73.9 53.8 80.6

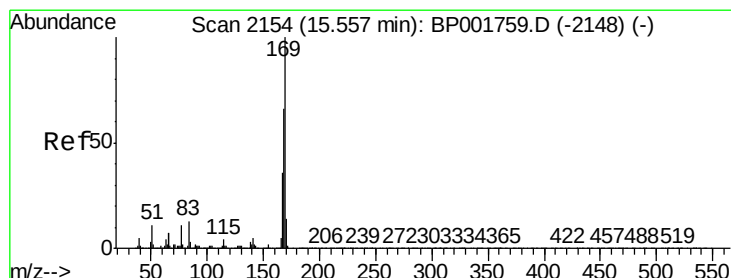
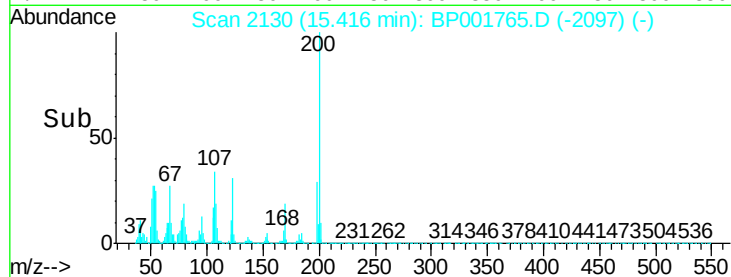
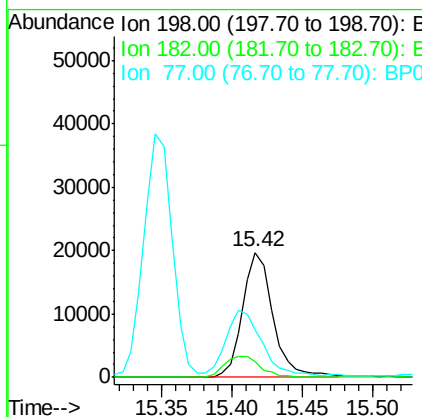
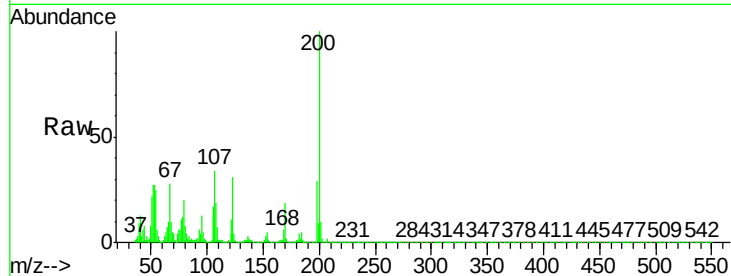




#64
4,6-Dinitro-2-methylphenol
Concen: 3.058 ng/ul
RT: 15.42 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

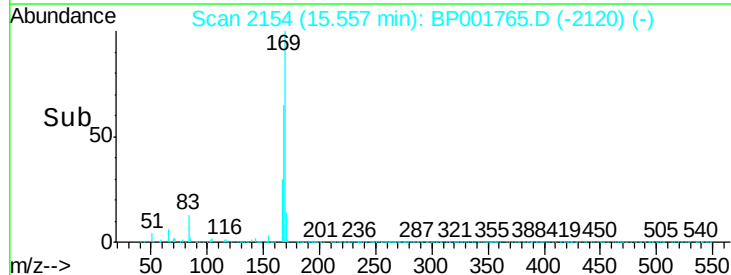
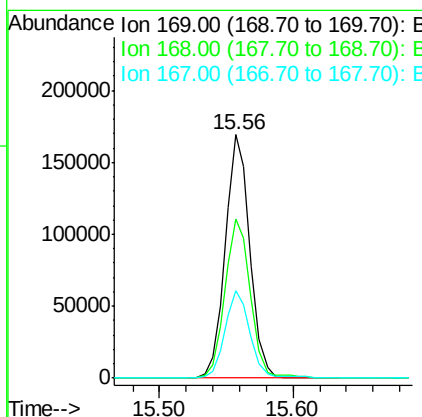
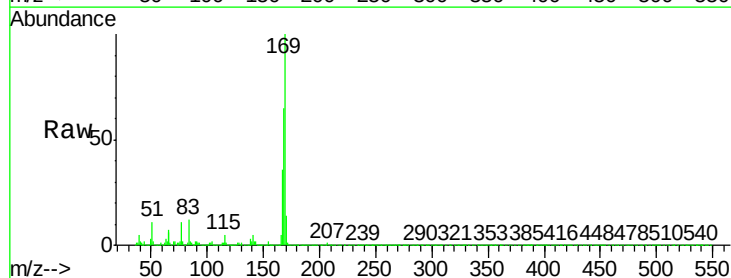
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

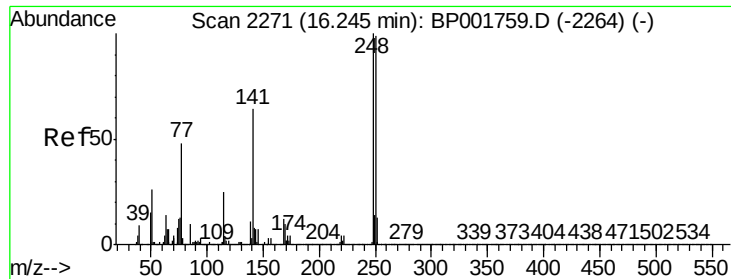
Tot Ion:198 Resp: 29895
Ion Ratio Lower Upper
198 100
182 12.4 3.0 4.6#
77 38.4 17.3 25.9#



#65
N-Nitrosodiphenylamine
Concen: 3.421 ng/ul
RT: 15.56 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:169 Resp: 218062
Ion Ratio Lower Upper
169 100
168 65.3 52.9 79.3
167 36.1 28.9 43.3

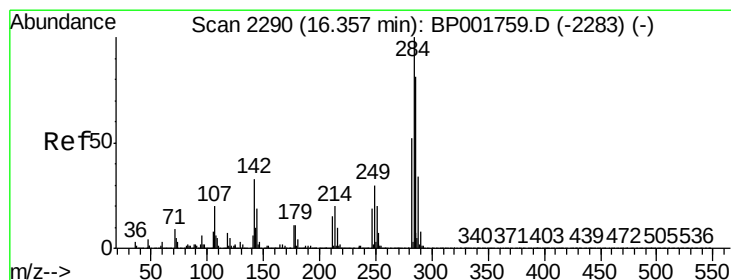
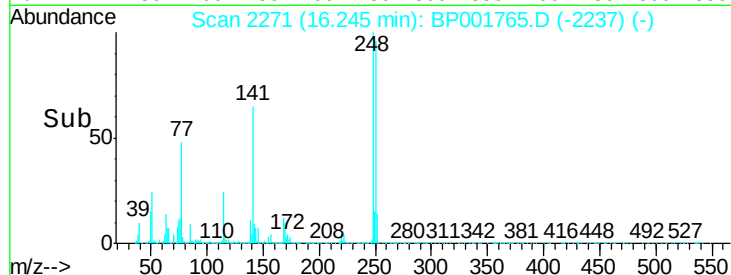
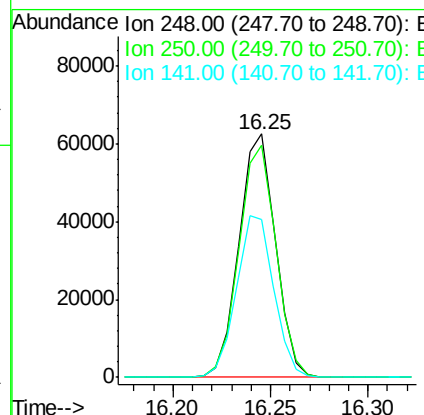
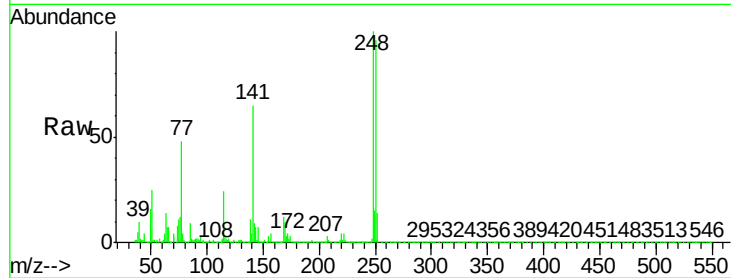




#66
 4-Bromophenyl-phenylether
 Concen: 3.323 ng/ul
 RT: 16.25 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

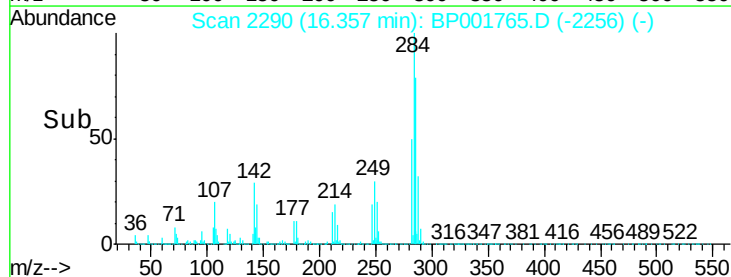
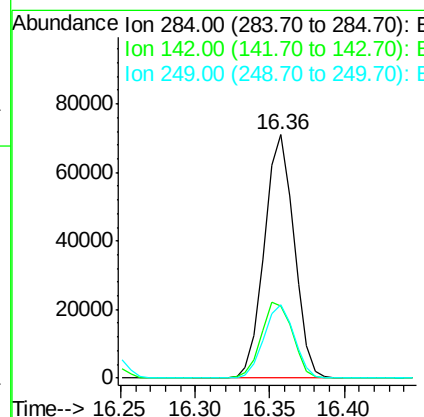
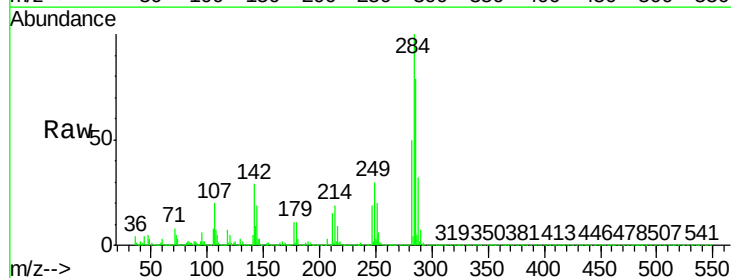
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-01

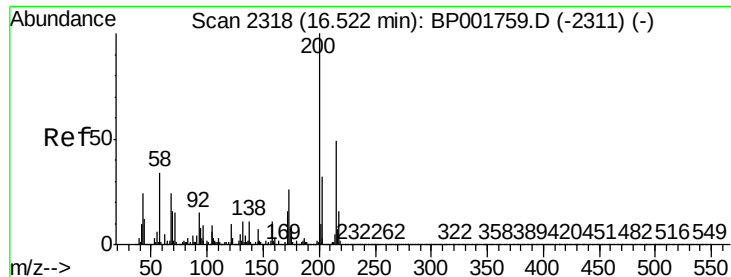
Tot Ion:248 Resp: 81095
 Ion Ratio Lower Upper
 248 100
 250 95.5 79.2 118.8
 141 65.0 51.0 76.6



#67
 Hexachlorobenzene
 Concen: 3.458 ng/ul
 RT: 16.36 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BP001765.D
 Acq: 18 Feb 2020 18:21

Tgt Ion:284 Resp: 97386
 Ion Ratio Lower Upper
 284 100
 142 29.5 26.6 40.0
 249 30.2 24.4 36.6

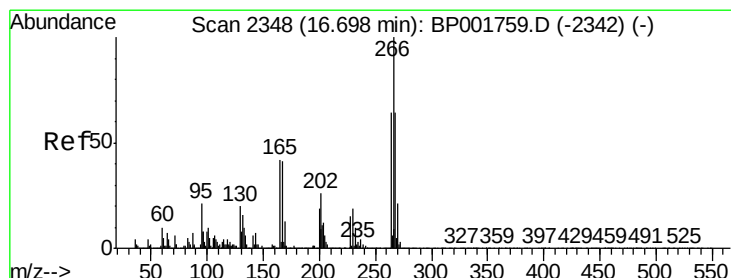
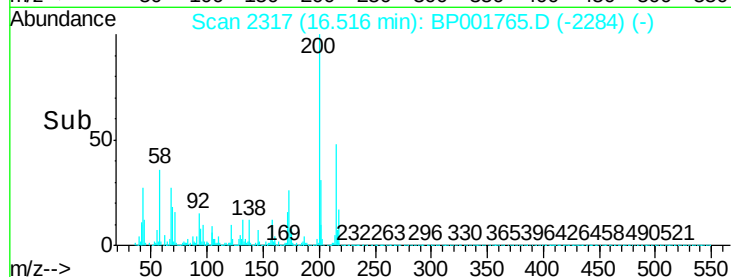
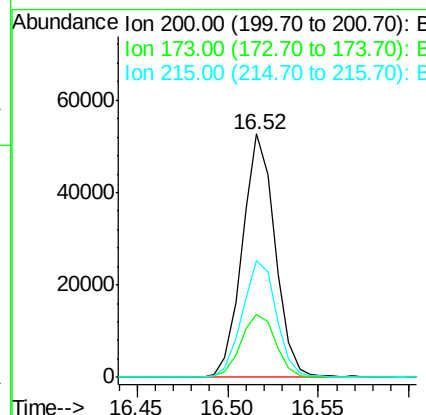
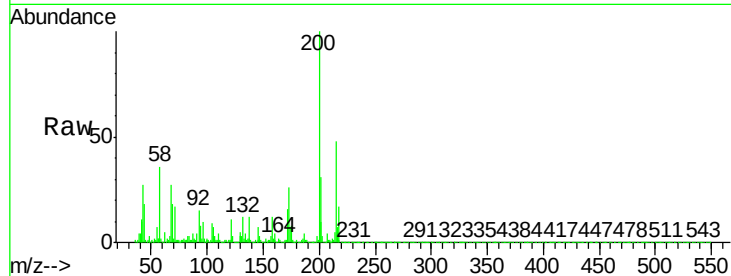




#68
Atrazine
Concen: 2.877 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

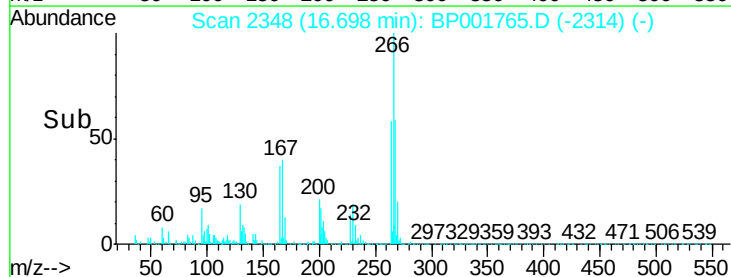
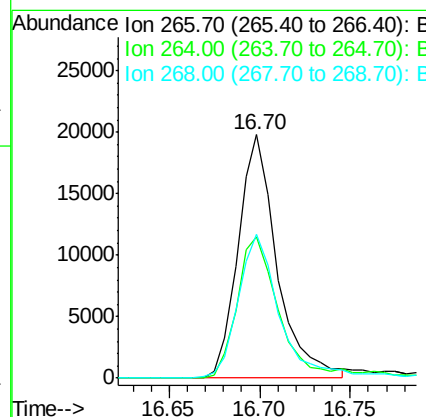
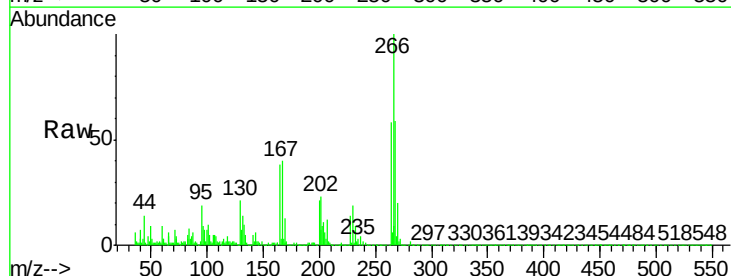
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

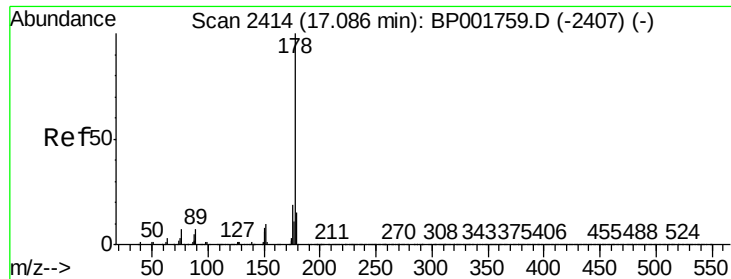
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	21.0	31.4
215	48.2	38.9	58.3



#69
Pentachlorophenol
Concen: 2.158 ng/ul
RT: 16.70 min Scan# 2348
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.8	51.1	76.7
268	59.3	51.5	77.3





#70

Phenanthrene

Concen: 3.561 ng/ul

RT: 17.09 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

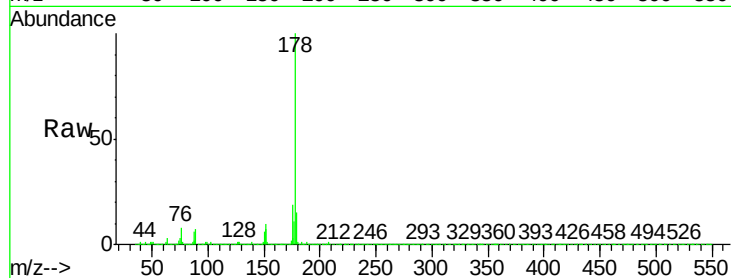
Tot Ion:178 Resp: 436591

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

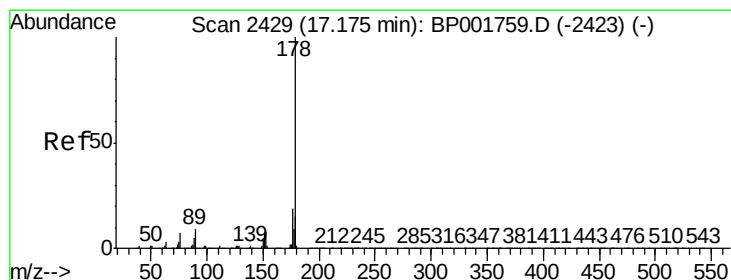
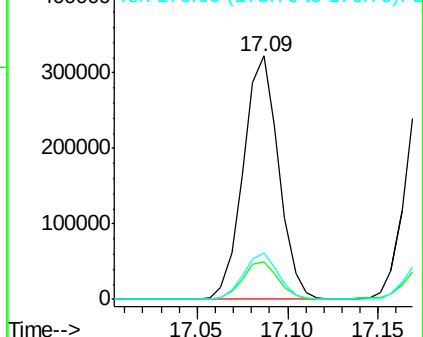
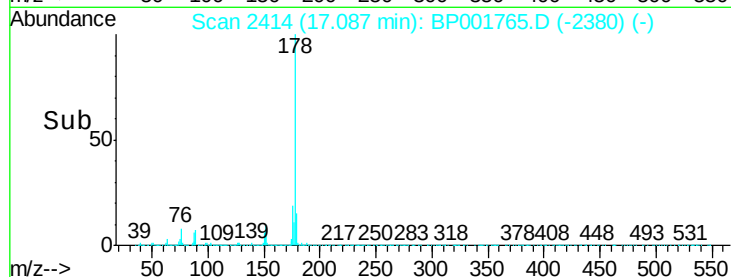
176 19.2 15.3 22.9



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: BP001765.D

Acq: 18 Feb 2020 18:21

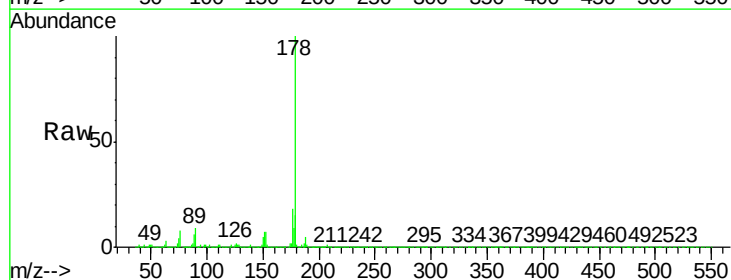
Tgt Ion:178 Resp: 436586

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

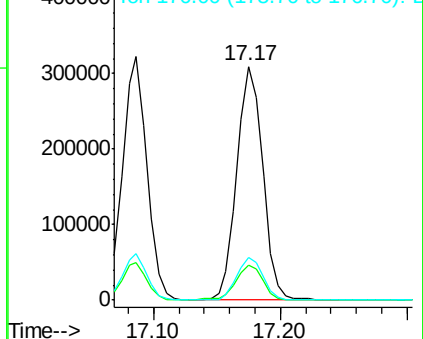
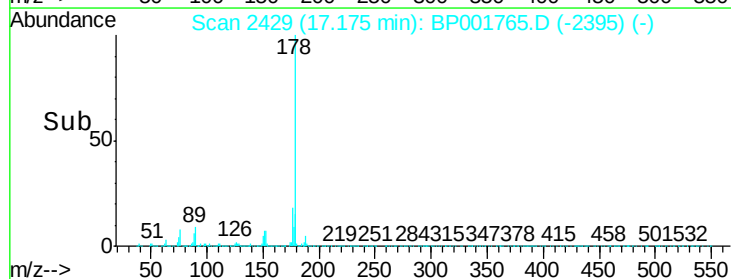
176 18.1 14.8 22.2

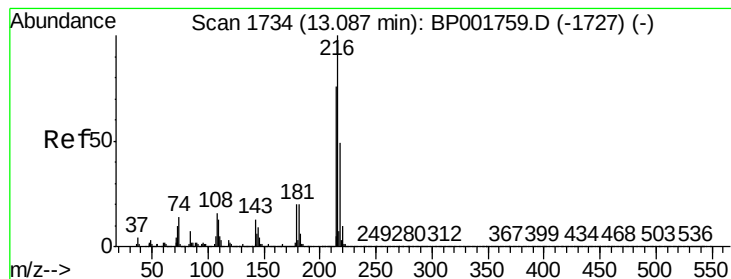


Abundance Ion 178.00 (177.70 to 178.70): E

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: 3.599 ng/uL

RT: 13.09 min Scan# 1734

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

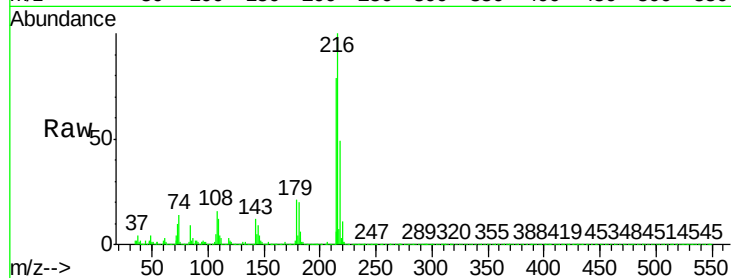
Tot Ion:216 Resp: 131157

Ion Ratio Lower Upper

216 100

214 79.2 60.9 91.3

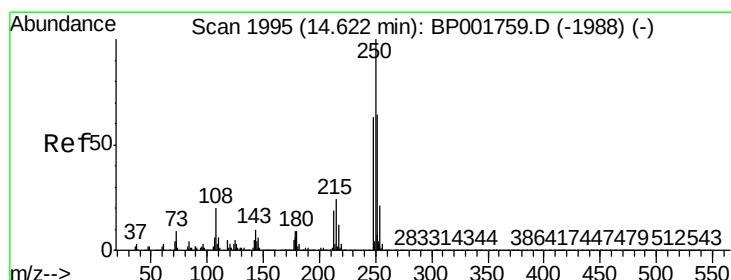
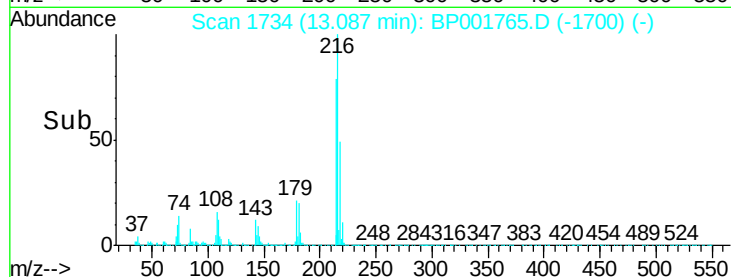
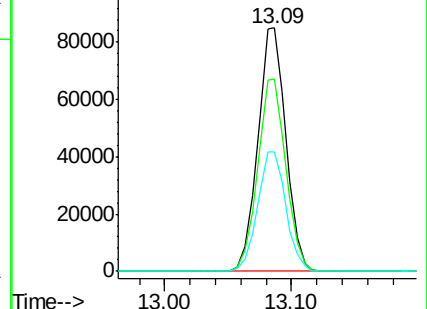
218 49.2 39.0 58.6



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: 3.327 ng/uL

RT: 14.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

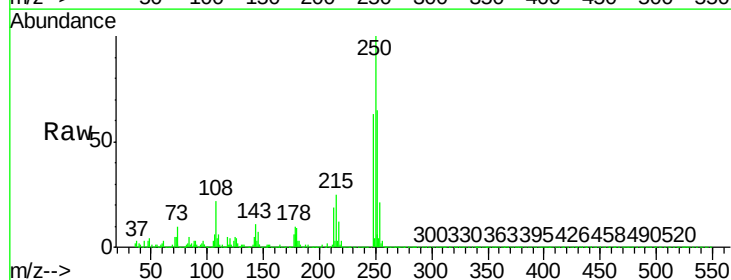
Tgt Ion:250 Resp: 118174

Ion Ratio Lower Upper

250 100

248 63.3 50.6 76.0

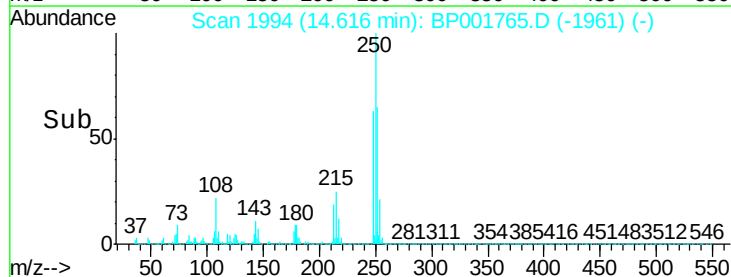
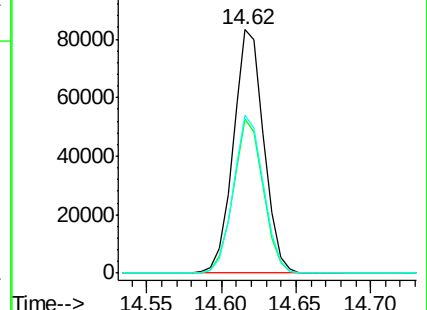
252 64.7 51.5 77.3

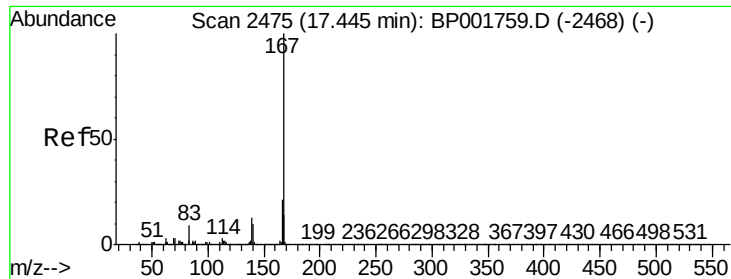


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#75

Carbazole

Concen: 3.444 ng/ul

RT: 17.45 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

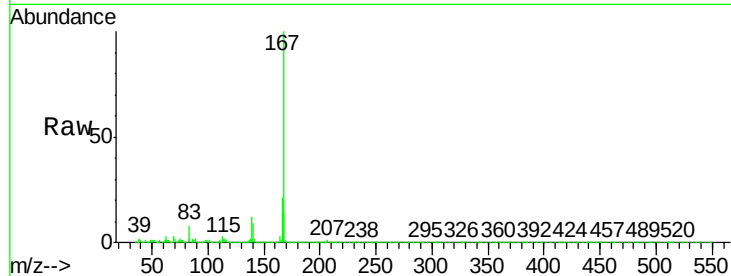
Tot Ion:167 Resp: 347808

Ion Ratio Lower Upper

167 100

166 21.1 17.1 25.7

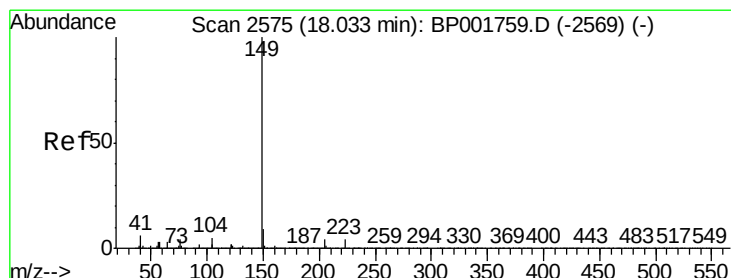
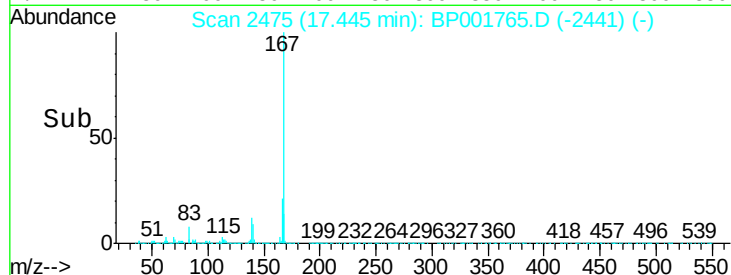
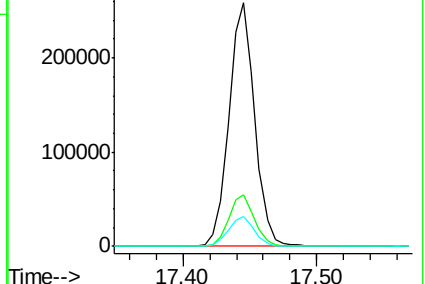
139 12.1 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 2.957 ng/ul

RT: 18.03 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

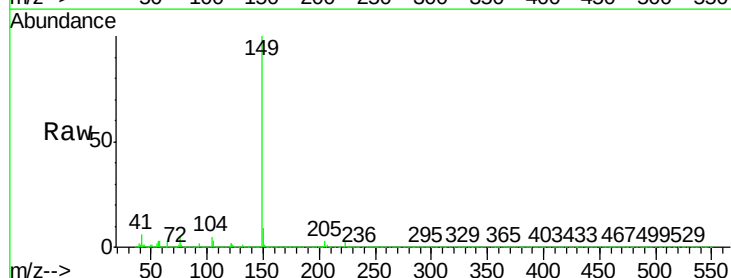
Tgt Ion:149 Resp: 328597

Ion Ratio Lower Upper

149 100

150 8.6 7.3 10.9

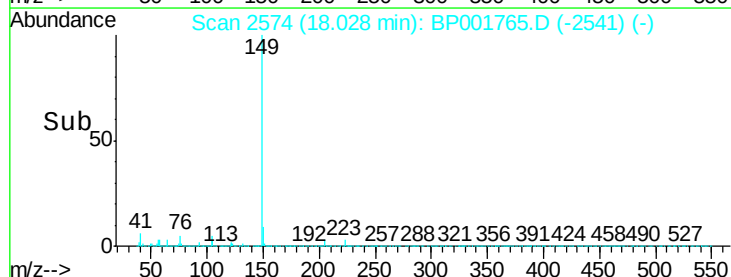
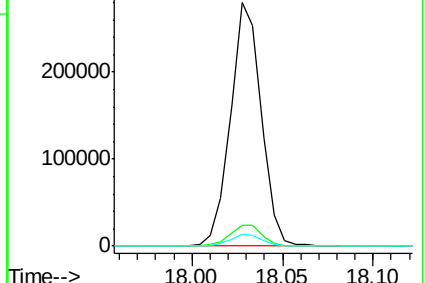
104 4.8 3.6 5.4

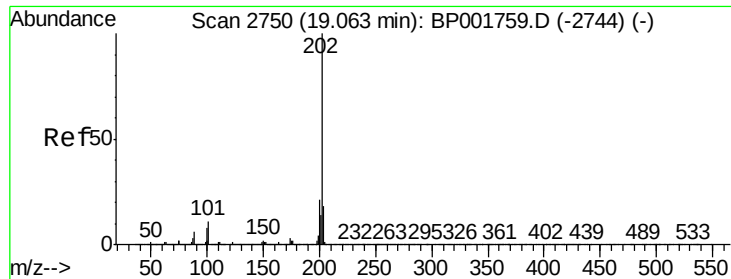


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 3.562 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

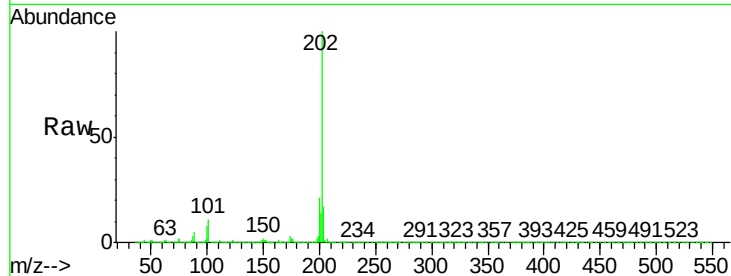
Tot Ion:202 Resp: 467626

Ion Ratio Lower Upper

202 100

101 10.5 9.1 13.7

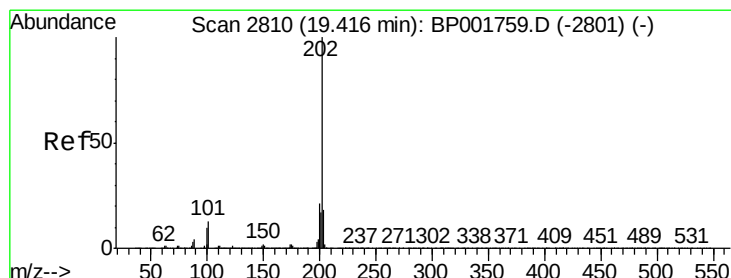
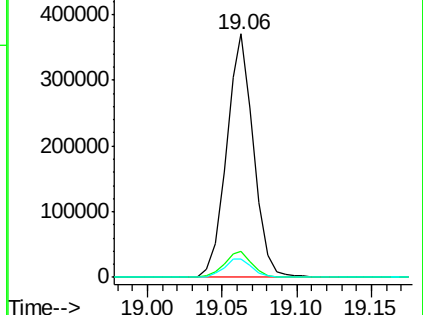
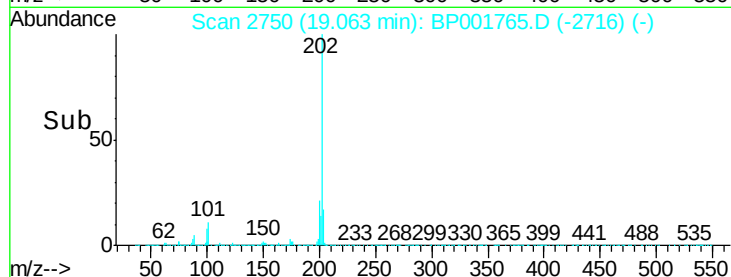
100 7.7 6.6 9.8



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): BF



#80

Pyrene

Concen: 3.431 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

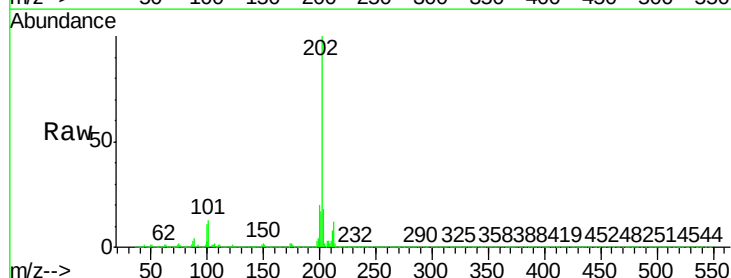
Tgt Ion:202 Resp: 537072

Ion Ratio Lower Upper

202 100

101 13.2 10.2 15.2

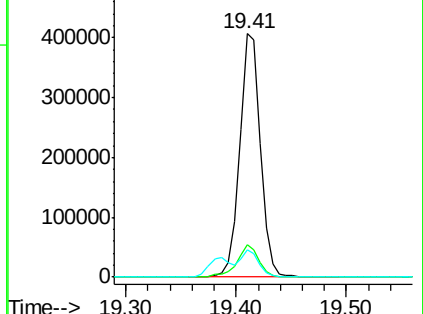
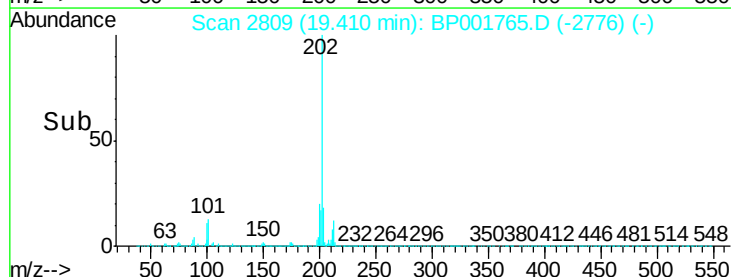
100 11.0 8.2 12.2

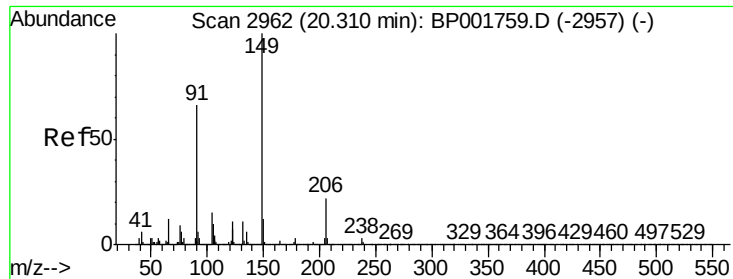


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF

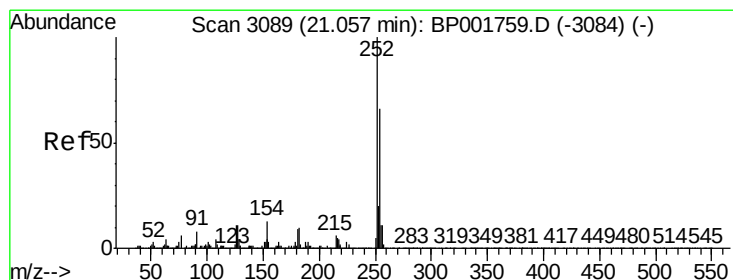
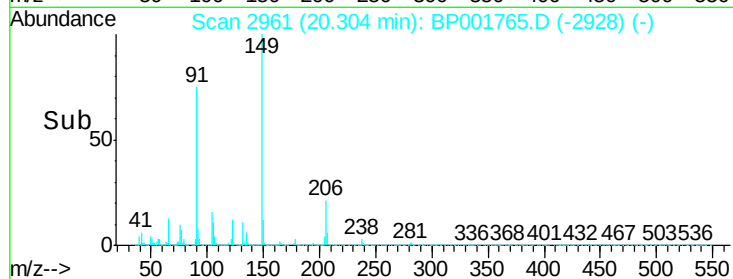
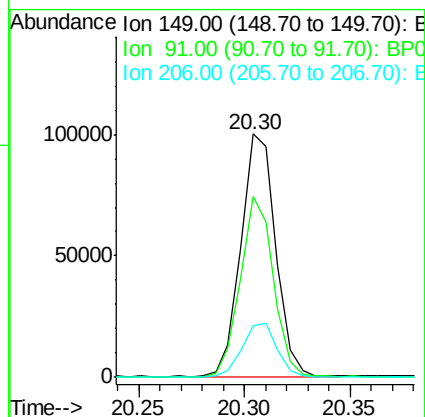
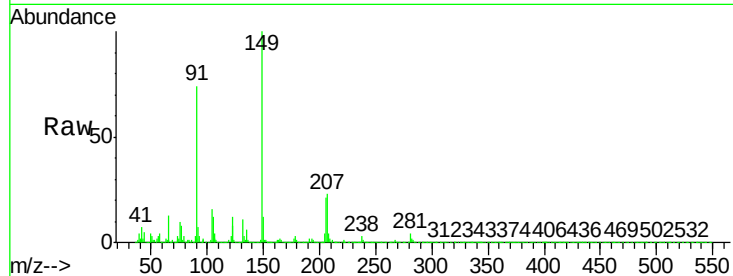




#81
Butylbenzylphthalate
Concen: 2.348 ng/ul
RT: 20.30 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

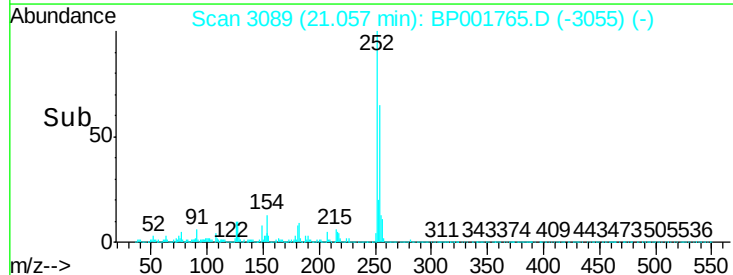
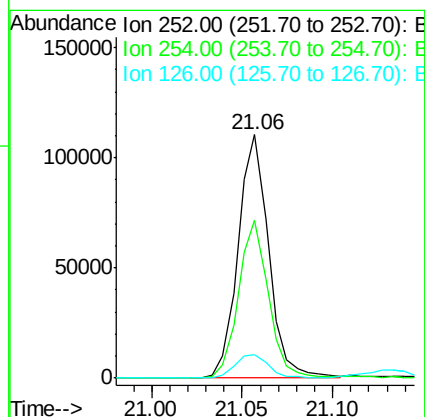
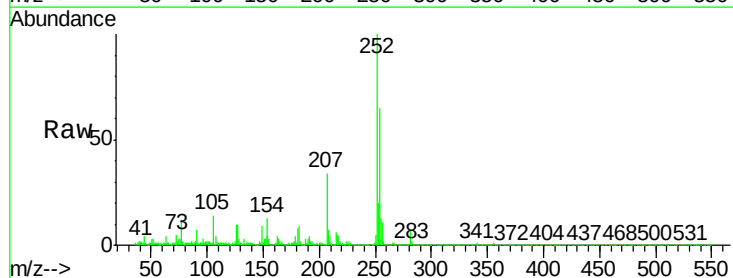
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

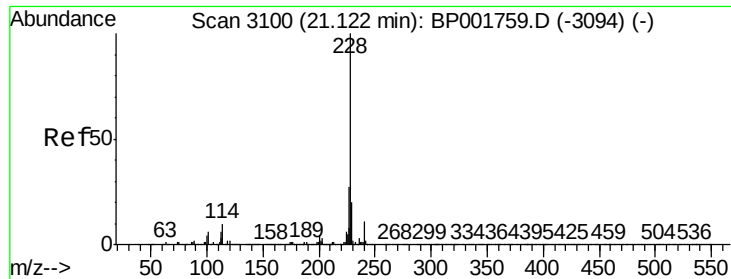
Tot Ion:149 Resp: 114117
Ion Ratio Lower Upper
149 100
91 74.5 53.0 79.4
206 21.3 17.6 26.4



#82
3,3'-Dichlorobenzidine
Concen: 2.596 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:252 Resp: 129228
Ion Ratio Lower Upper
252 100
254 65.0 52.6 78.8
126 9.9 8.6 13.0

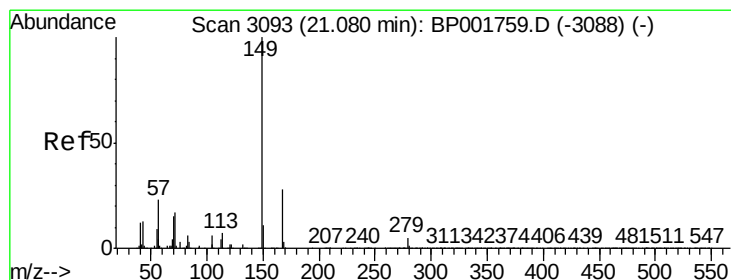
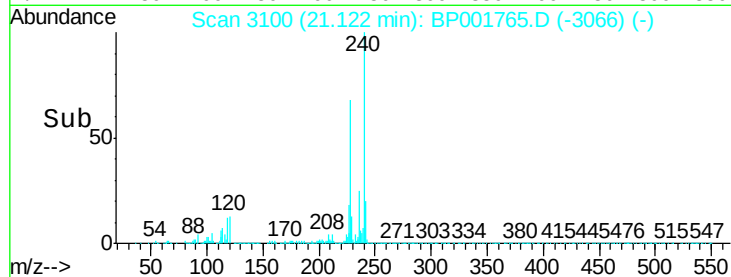
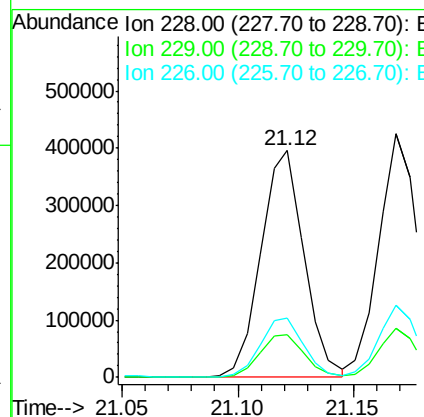
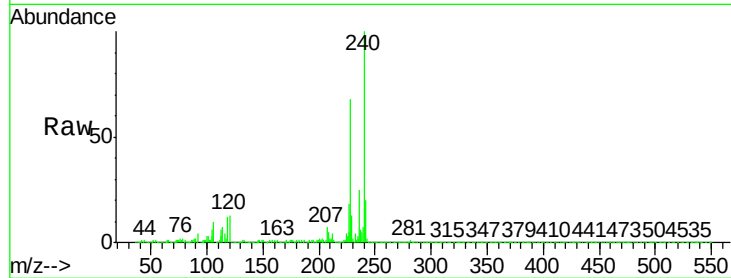




#83
Benzo(a)anthracene
Concen: 3.386 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

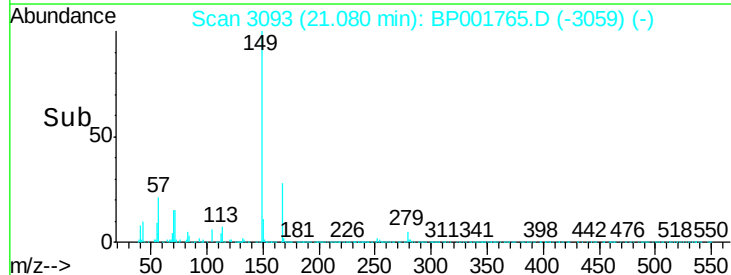
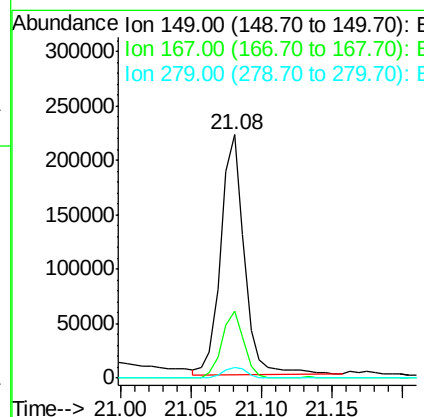
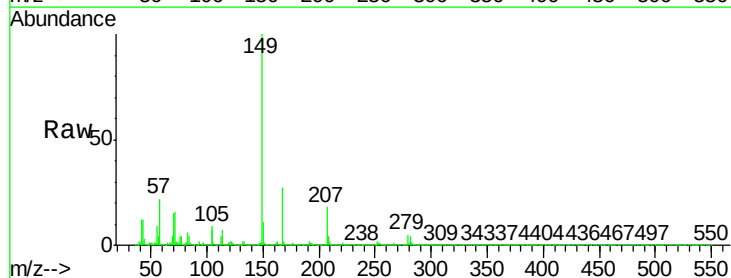
Instrument :
BNA_P
ClientSampled :
MDL-SOIL-01

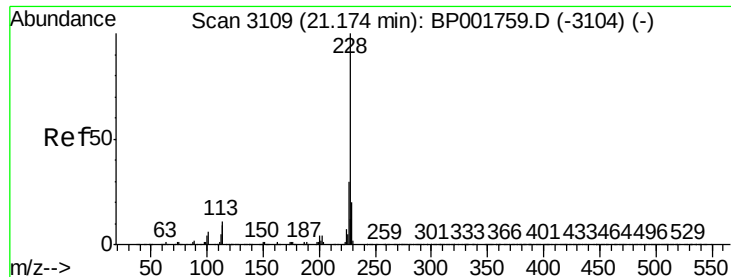
Tot Ion:	228	Resp:	513233
Ion	Ratio	Lower	Upper
228	100		
229	18.7	16.2	24.4
226	26.2	22.0	33.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.208 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:	149	Resp:	258306
Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.6	34.0
279	4.6	3.6	5.4

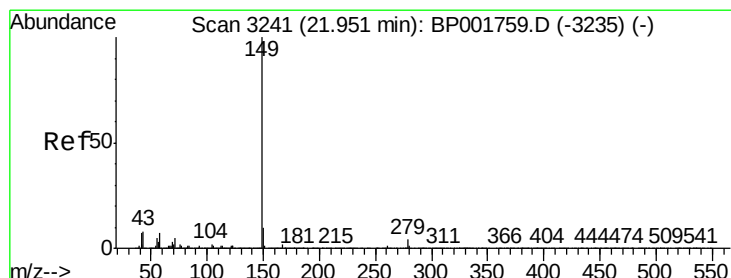
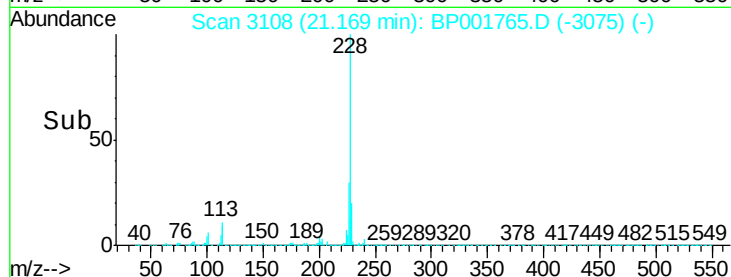
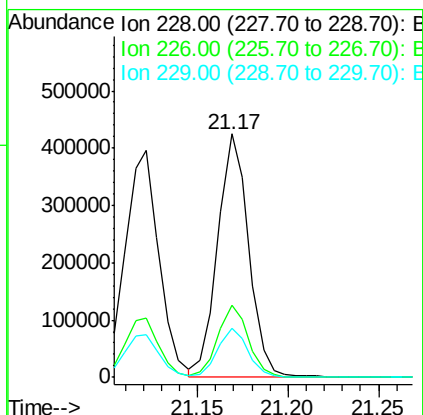
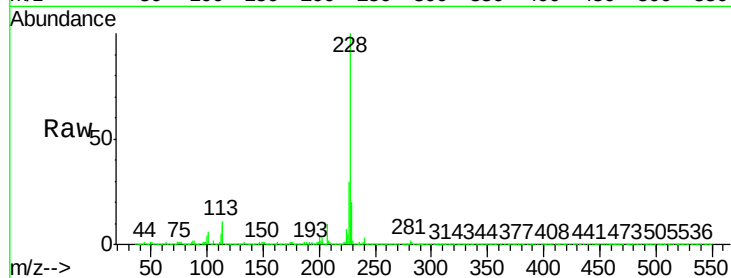




#85
Chrysene
Concen: 3.401 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

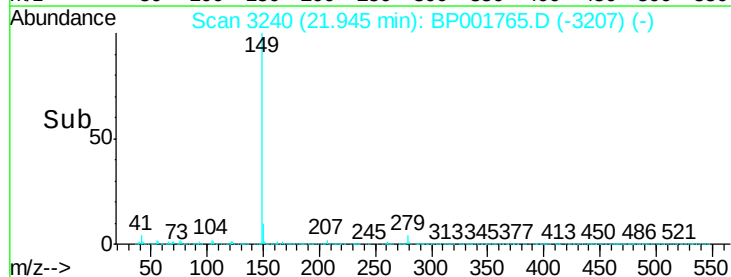
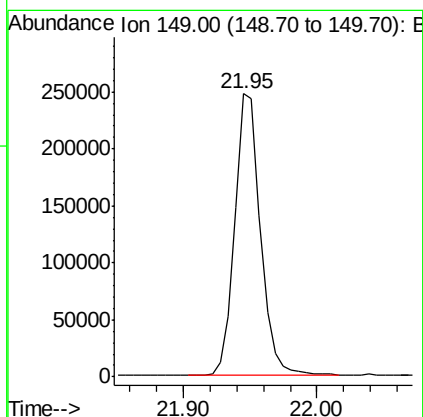
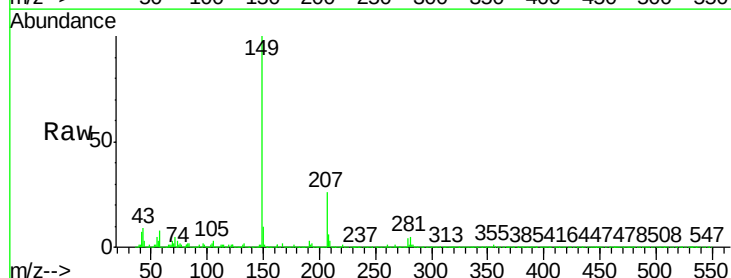
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-01

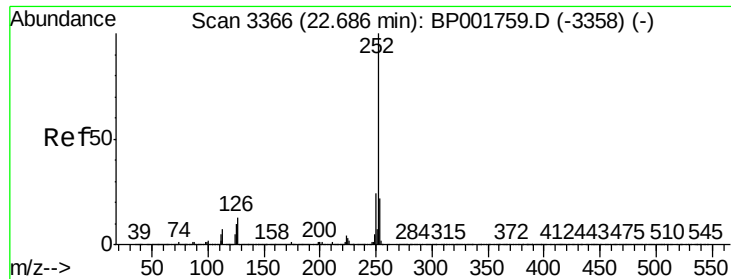
Tot Ion:228 Resp: 503587
Ion Ratio Lower Upper
228 100
226 29.6 24.2 36.2
229 20.0 15.7 23.5



#87
Di-n-octyl phthalate
Concen: 2.686 ng/ul
RT: 21.95 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BP001765.D
Acq: 18 Feb 2020 18:21

Tgt Ion:149 Resp: 331590





#88

Benzo(b)fluoranthene

Concen: 3.324 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

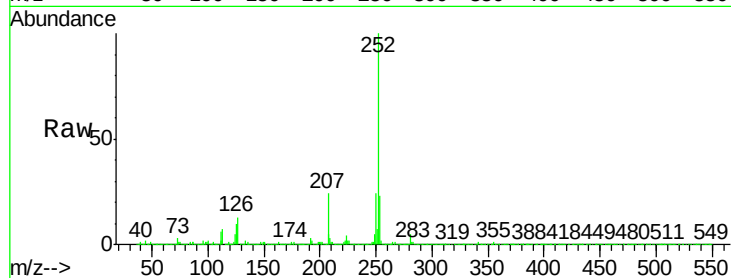
Tot Ion:252 Resp: 482238

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

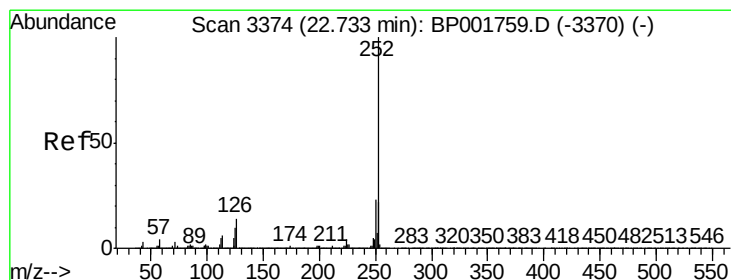
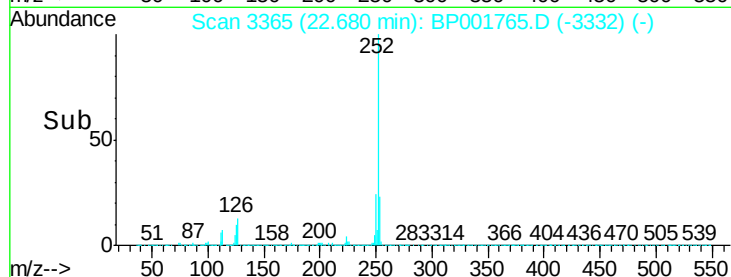
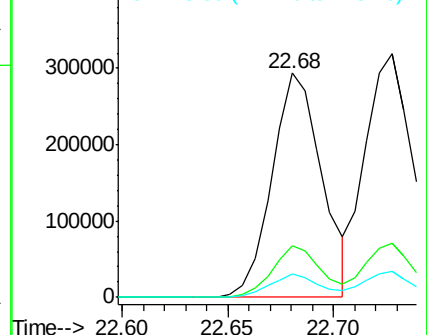
125 10.3 7.8 11.6



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: 3.468 ng/ul

RT: 22.73 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

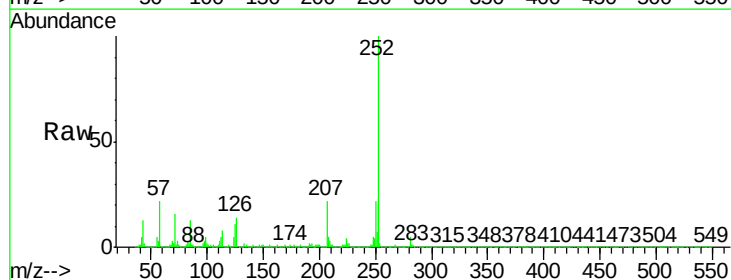
Tgt Ion:252 Resp: 521515

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

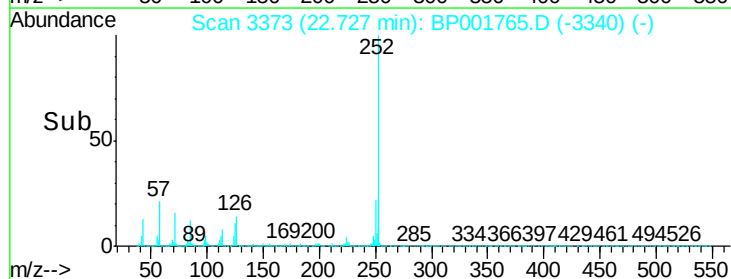
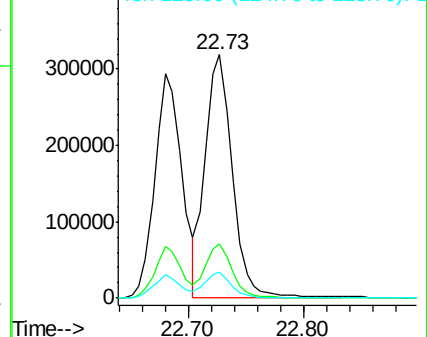
125 10.7 8.0 12.0

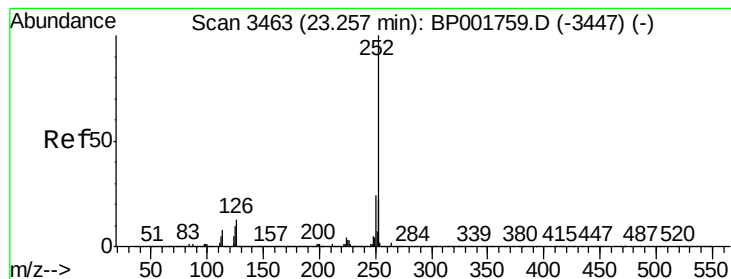


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 3.519 ng/ul

RT: 23.25 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

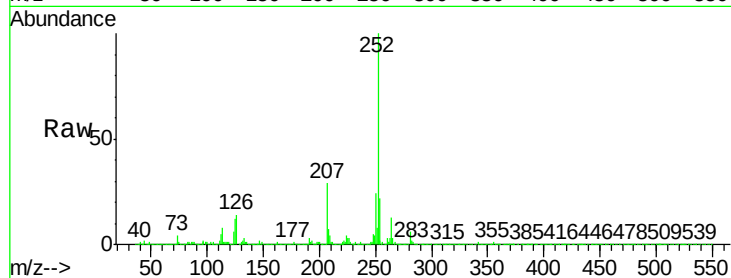
Tot Ion:252 Resp: 478410

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

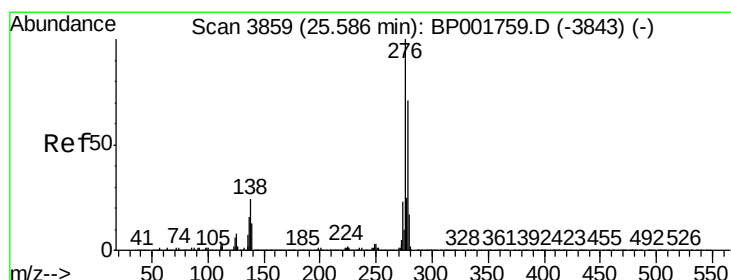
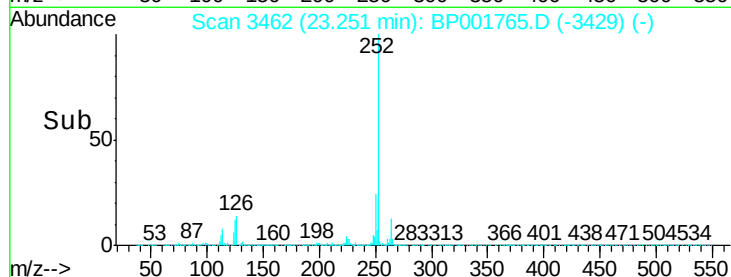
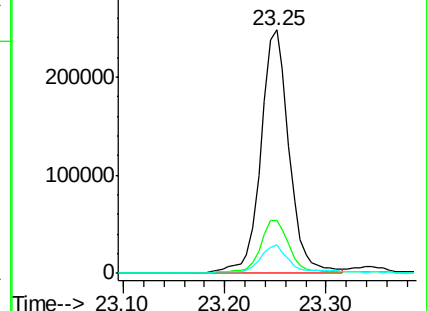
125 11.6 8.3 12.5



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: 3.278 ng/ul

RT: 25.57 min Scan# 3857

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

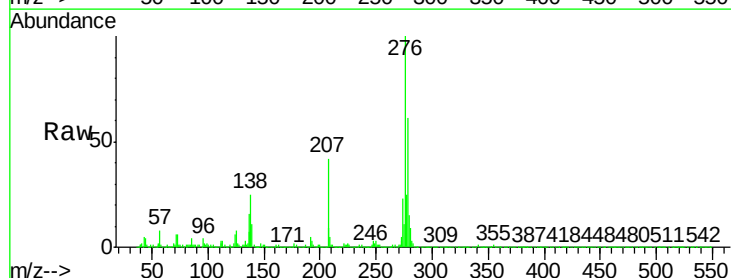
Tgt Ion:276 Resp: 556653

Ion Ratio Lower Upper

276 100

138 24.7 19.3 28.9

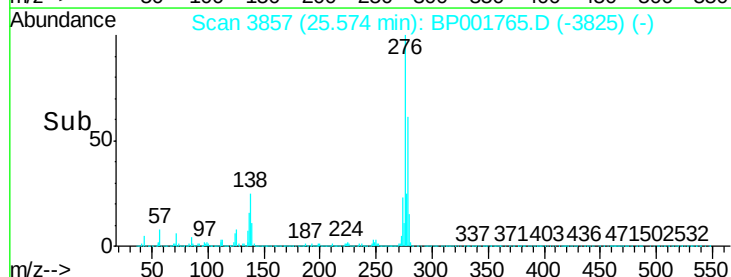
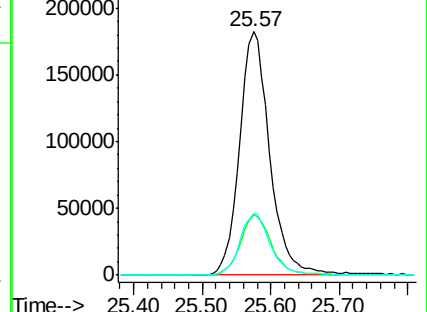
277 25.5 20.0 30.0

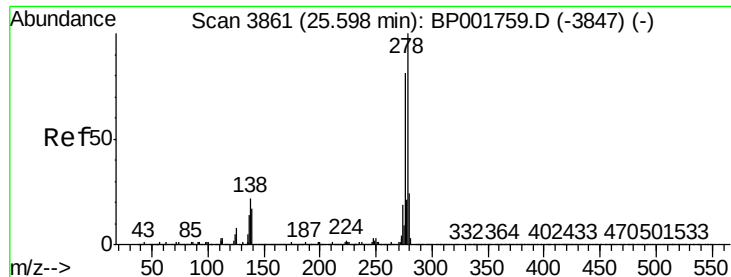


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 3.319 ng/ul

RT: 25.59 min Scan# 3860

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-01

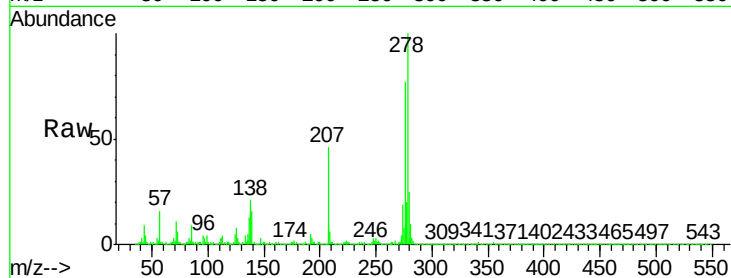
Tot Ion:278 Resp: 473483

Ion Ratio Lower Upper

278 100

139 16.2 13.3 19.9

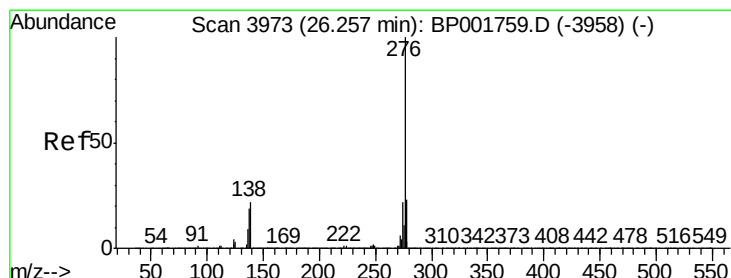
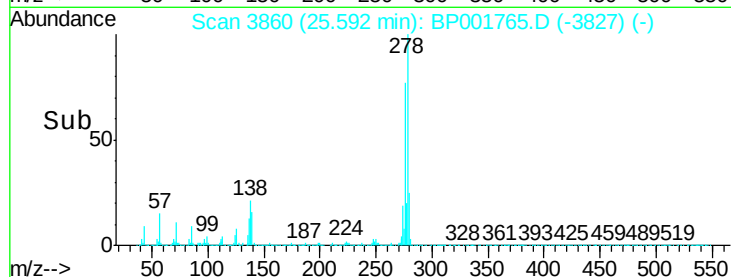
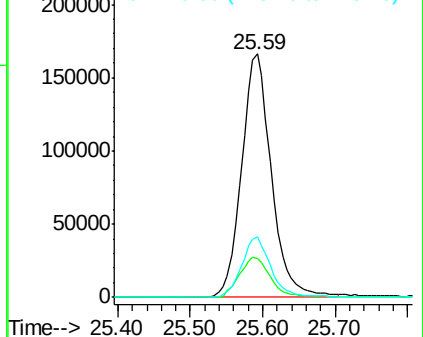
279 24.9 19.3 28.9



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



#94

Benzo(g,h,i)perylene

Concen: 3.211 ng/ul

RT: 26.25 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BP001765.D

Acq: 18 Feb 2020 18:21

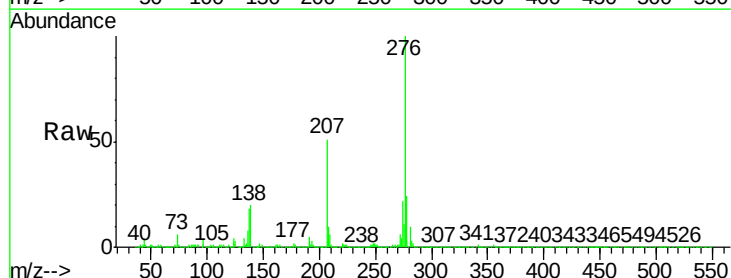
Tgt Ion:276 Resp: 463618

Ion Ratio Lower Upper

276 100

138 20.3 17.7 26.5

277 23.7 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

