

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021820\
 Data File : BP001769.D
 Acq On : 18 Feb 2020 20:37
 Operator : CG/JU
 Sample : K5695-05
 Misc : MDL-SOIL-05
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-05

Quant Time: Feb 19 02:46:01 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	390433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1603242	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	986432	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2126795	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2180537	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2305144	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	47432	5.05	ng/uL	0.00
5) Phenol-d5	6.83	99	953950	32.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	560105	32.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	817288	34.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	752542	32.16	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	365711	33.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	355552	36.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	749074	32.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1096425	39.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2344207	33.86	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2906544	34.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	347406	28.82	ng/ul	0.00
58) Fluorene-d10	15.29	176	2044526	32.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	225697	26.92	ng/ul	0.00
71) Anthracene-d10	17.14	188	3130059	33.41	ng/ul	0.00
79) Pyrene-d10	19.39	212	3495060	31.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3637201	32.67	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.80	77	67289	3.726	ng/ul 99
6) Phenol	6.86	94	101906	3.260	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.09	93	83415	3.309	ng/ul 97
10) 2-Chlorophenol	7.23	128	83901	3.327	ng/ul 98
11) 2-Methylphenol	8.10	108	66997	2.831	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	99403	3.309	ng/ul 99
14) Acetophenone	8.47	105	117058	3.237	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.46	70	51965	3.100	ng/ul 98
16) 4-Methylphenol	8.42	108	79183	3.107	ng/ul 98
17) Hexachloroethane	8.73	117	31652	3.155	ng/ul 97
20) Nitrobenzene	8.84	77	89554	3.329	ng/ul 99
21) Isophorone	9.37	82	142404	2.880	ng/ul 99
23) 2-Nitrophenol	9.55	139	39237	3.336	ng/ul 92
24) 2,4-Dimethylphenol	9.62	107	80116	3.033	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.86	93	104884	3.134	ng/ul 99
27) 2,4-Dichlorophenol	10.08	162	77888	3.251	ng/ul 92
28) Naphthalene	10.48	128	284098	3.316	ng/ul 99
30) 4-Chloroaniline	10.59	127	101364	3.633	ng/ul 99
31) Hexachlorobutadiene	10.79	225	54636	3.226	ng/ul 96
32) Caprolactam	11.35	113	15535	2.147	ng/ul 100
33) 4-Chloro-3-methylphenol	11.72	107	60333	2.645	ng/ul 96
34) 2-Methylnaphthalene	12.10	142	188061	3.184	ng/ul 100
35) 1-Methylnaphthalene	12.32	142	198544	3.411	ng/ul 99

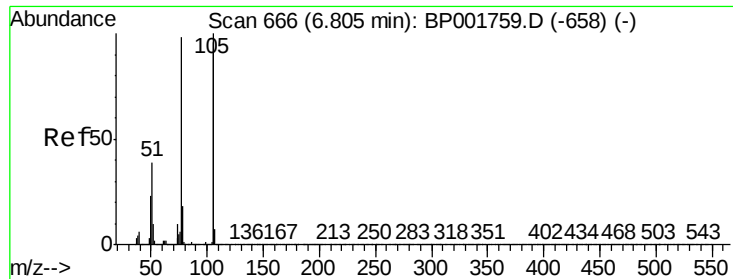
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	104877	3.264	ng/ul	96
38) Hexachlorocyclopentadiene	12.46	237	43414	2.501	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	43094	2.509	ng/ul	94
40) 2,4,5-Trichlorophenol	12.78	196	48647	2.573	ng/ul	97
41) 1,1'-Biphenyl	13.12	154	253386	3.295	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	200349	3.300	ng/ul	99
43) 2-Nitroaniline	13.36	65	29592	2.428	ng/ul	98
45) Dimethylphthalate	13.75	163	240282	3.298	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	28741	2.264	ng/ul	96
48) Acenaphthylene	14.01	152	312209	3.376	ng/ul	99
49) 3-Nitroaniline	14.19	138	31097	2.406	ng/ul	98
50) Acenaphthene	14.36	153	208870	3.305	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	8246	1.565	ng/ul	93
53) 4-Nitrophenol	14.50	109	26828	3.006	ng/ul	96
54) Dibenzofuran	14.69	168	303721	3.413	ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	48670	2.603	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	41567	2.720	ng/ul	99
57) Diethylphthalate	15.13	149	212277	3.047	ng/ul	100
59) Fluorene	15.35	166	243281	3.436	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	125212	3.408	ng/ul	99
61) 4-Nitroaniline	15.35	138	35964	2.464	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	25604	2.738	ng/ul#	78
65) N-Nitrosodiphenylamine	15.56	169	196250	3.218	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	72171	3.092	ng/ul	98
67) Hexachlorobenzene	16.36	284	88051	3.269	ng/ul	96
68) Atrazine	16.52	200	55708	2.534	ng/ul	97
69) Pentachlorophenol	16.70	266	25128	1.927	ng/ul	91
70) Phenanthrene	17.08	178	386009	3.291	ng/ul	99
72) Anthracene	17.17	178	384926	3.322	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	116878	3.352	ng/uL	99
74) Pentachlorobenzene	14.62	250	104191	3.066	ng/uL	99
75) Carbazole	17.45	167	303878	3.145	ng/ul	99
76) Di-n-butylphthalate	18.03	149	273993	2.577	ng/ul	100
77) Fluoranthene	19.06	202	411359	3.275	ng/ul	97
80) Pvrene	19.41	202	483782	3.262	ng/ul	99
81) Butylbenzylphthalate	20.30	149	95213	2.068	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.06	252	100666	2.135	ng/ul	98
83) Benzo(a)anthracene	21.12	228	451309	3.143	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	214806	2.816	ng/ul	96
85) Chrysene	21.17	228	437146	3.116	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	251732	2.181	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	426941	3.148	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	437425	3.111	ng/ul	100
91) Benzo(a)pyrene	23.24	252	416345	3.275	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	469164	2.955	ng/ul	98
93) Dibenzo(a,h)anthracene	25.59	278	407713	3.057	ng/ul	98
94) Benzo(g,h,i)perylene	26.24	276	395551	2.930	ng/ul	99

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



#4

Benzaldehyde

Concen: 3.726 ng/ul

RT: 6.80 min Scan# 666

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampled :

MDL-SOIL-05

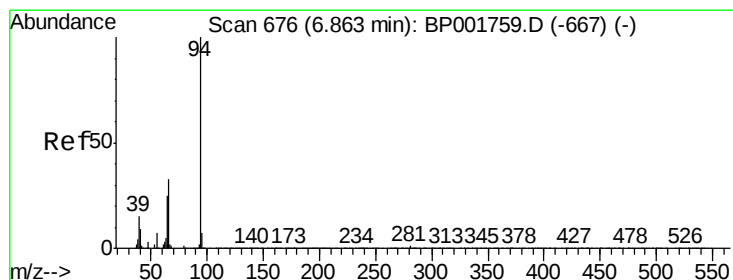
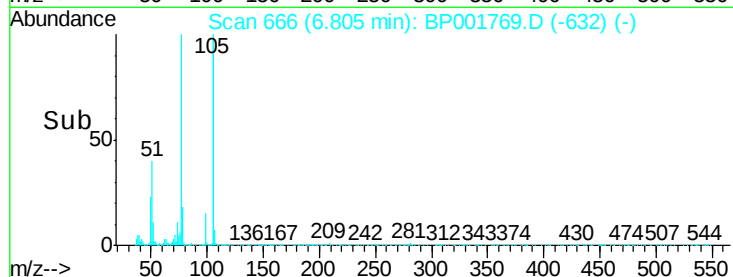
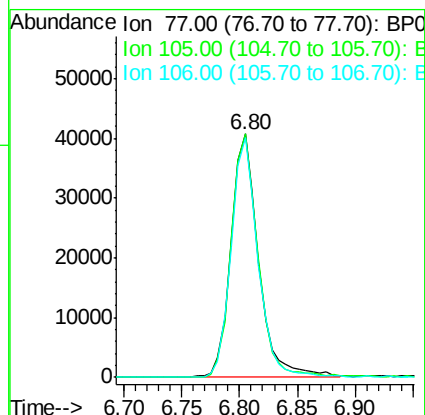
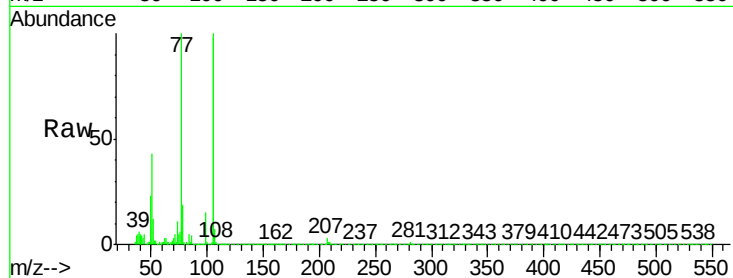
Tot Ion: 77 Resp: 67289

Ion Ratio Lower Upper

77 100

105 100.1 82.0 123.0

106 98.4 78.9 118.3



#6

Phenol

Concen: 3.260 ng/ul

RT: 6.86 min Scan# 676

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

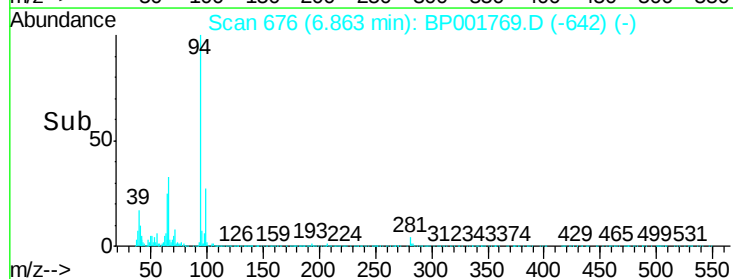
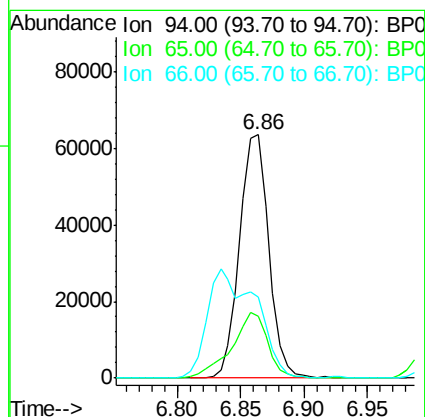
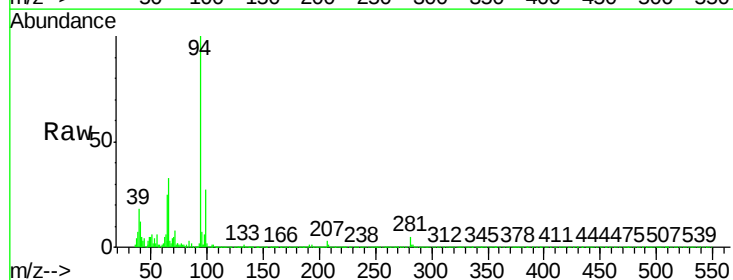
Tgt Ion: 94 Resp: 101906

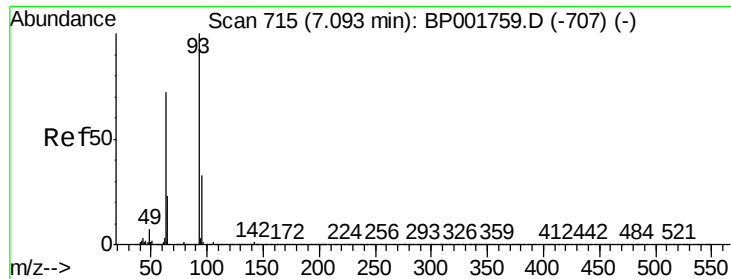
Ion Ratio Lower Upper

94 100

65 25.3 19.8 29.6

66 33.2 26.6 39.8



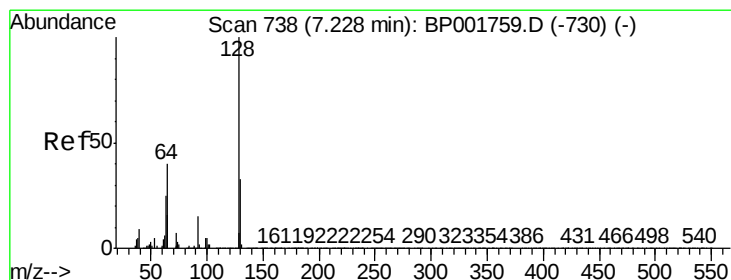
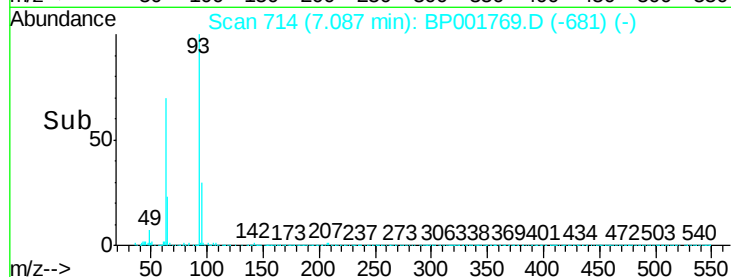
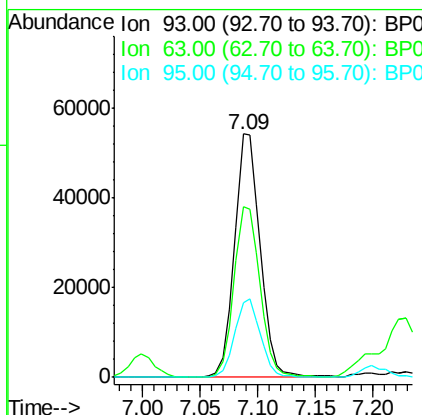
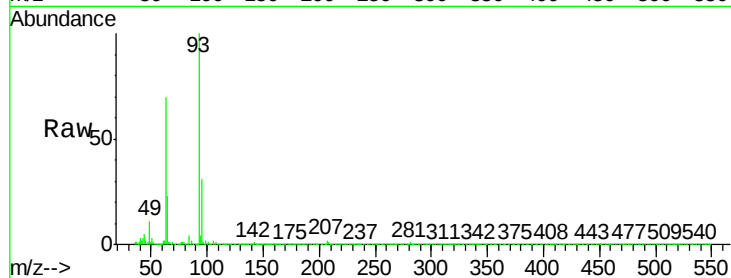


#8

Bis(2-Chloroethyl)ether
 Concen: 3.309 ng/ul
 RT: 7.09 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-05

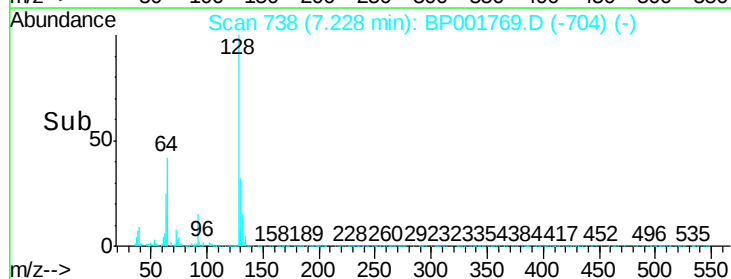
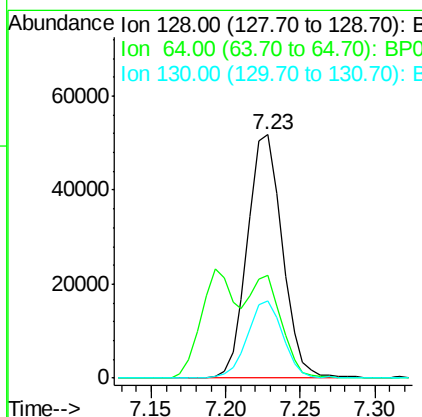
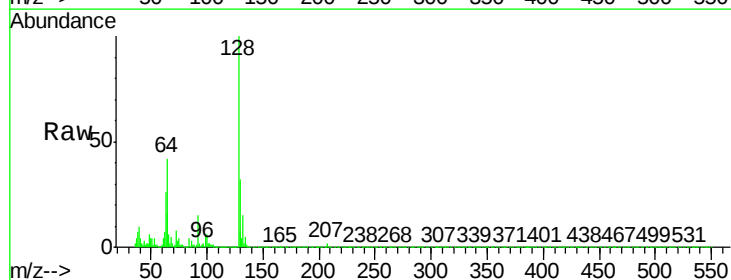
Tot Ion:	93	Resp:	83415
Ion	Ratio	Lower	Upper
93	100		
63	69.9	57.2	85.8
95	30.7	26.8	40.2

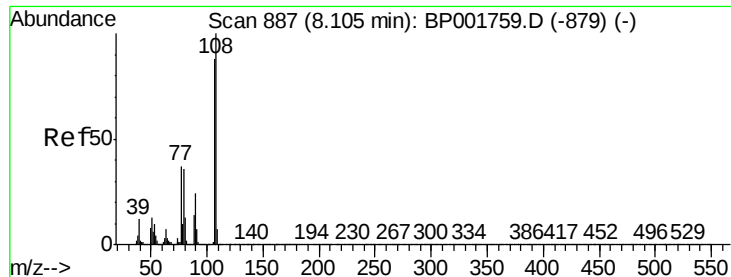


#10

2-Chlorophenol
 Concen: 3.327 ng/ul
 RT: 7.23 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

Tgt Ion:	128	Resp:	83901
Ion	Ratio	Lower	Upper
128	100		
64	42.4	32.9	49.3
130	31.9	26.4	39.6





#11

2-Methylphenol

Concen: 2.831 ng/ul

RT: 8.10 min Scan# 886

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

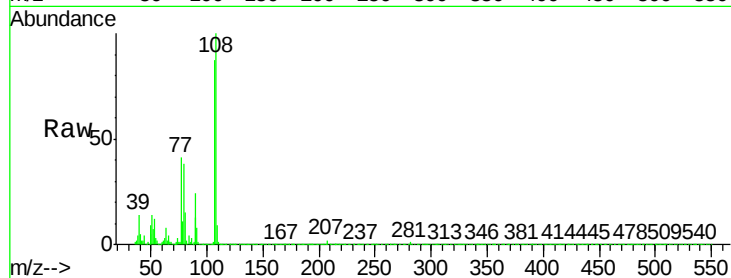
MDL-SOIL-05

Tot Ion:108 Resp: 66997

Ion Ratio Lower Upper

108 100

107 87.0 70.6 106.0

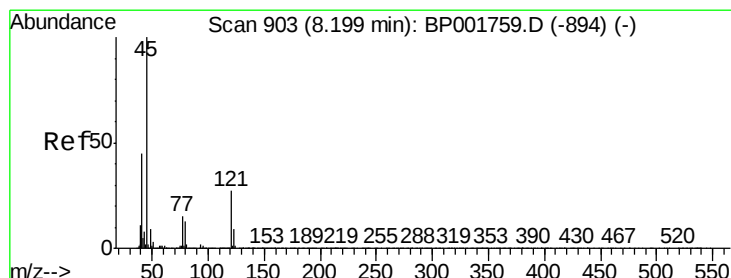
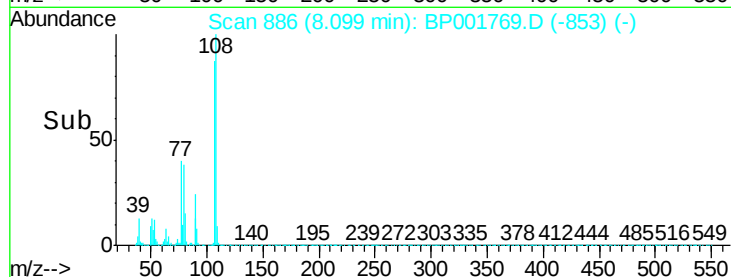


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.10

Time-->



#12

2,2'-oxybis(1-Chloropropane)

Concen: 3.309 ng/ul

RT: 8.19 min Scan# 902

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

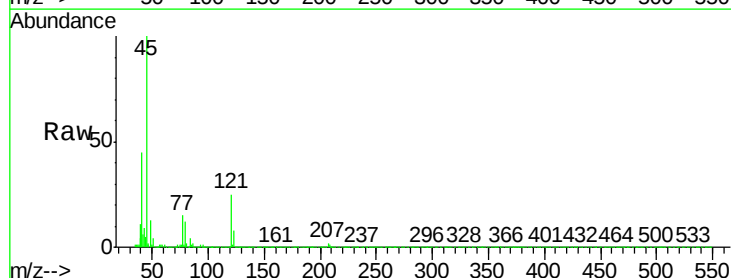
Tgt Ion: 45 Resp: 99403

Ion Ratio Lower Upper

45 100

77 15.4 12.6 18.8

79 12.1 10.4 15.6



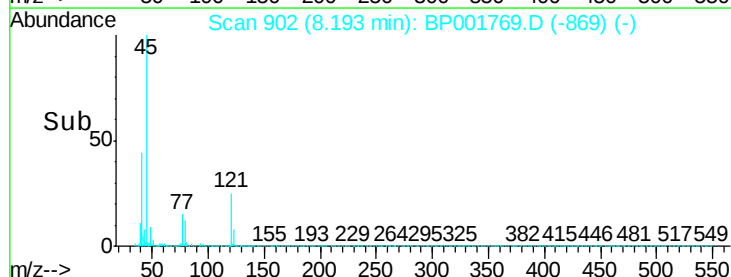
Abundance Ion 45.00 (44.70 to 45.70): BP0

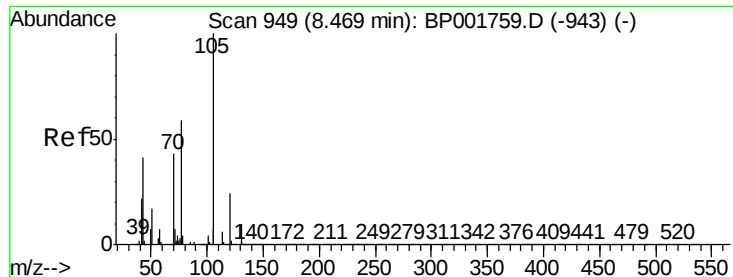
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

8.19

Time-->





#14

Acetophenone

Concen: 3.237 ng/ul

RT: 8.47 min Scan# 949

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

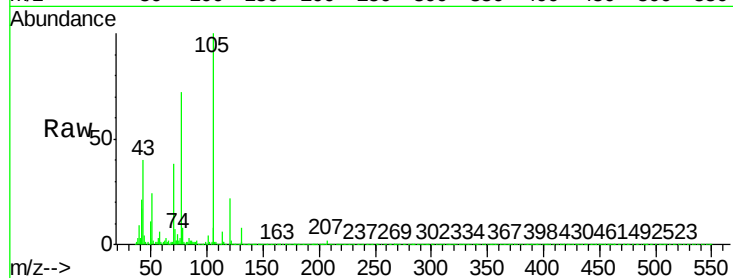
Tot Ion:105 Resp: 117058

Ion Ratio Lower Upper

105 100

77 72.1 59.8 89.6

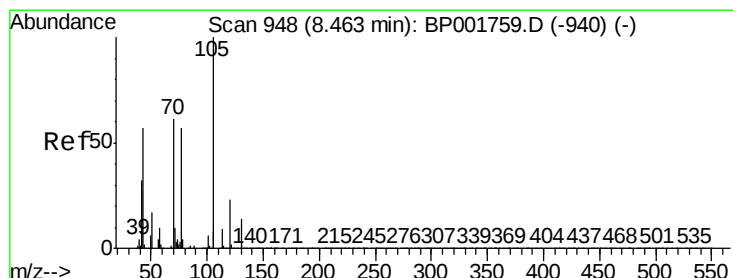
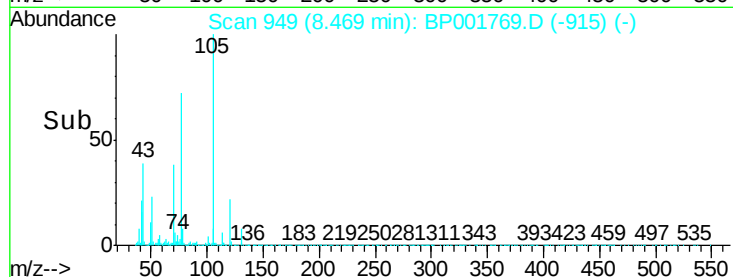
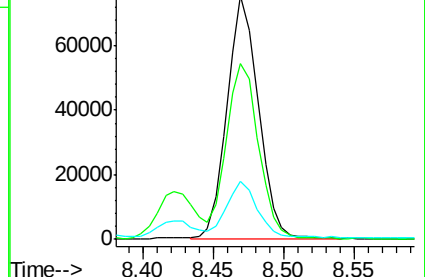
51 23.7 17.9 26.9



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: 3.100 ng/ul

RT: 8.46 min Scan# 948

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Tgt Ion: 70 Resp: 51965

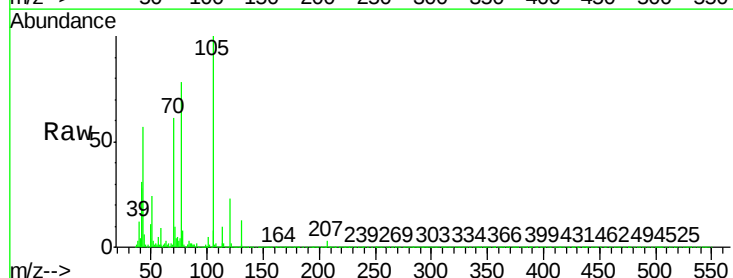
Ion Ratio Lower Upper

70 100

42 52.0 41.8 62.6

101 8.8 8.0 12.0

130 21.2 18.7 28.1

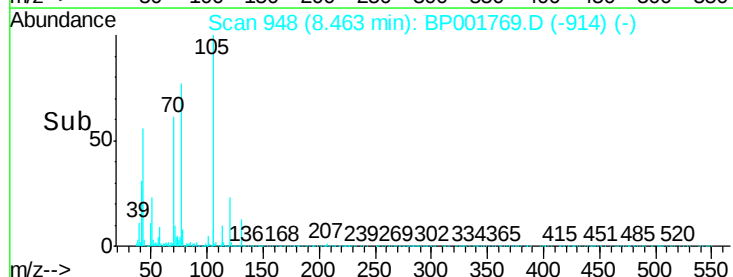
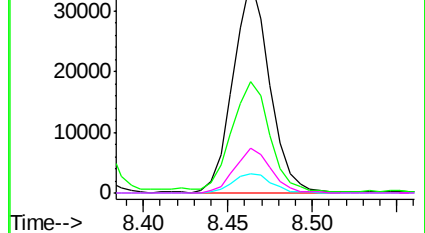


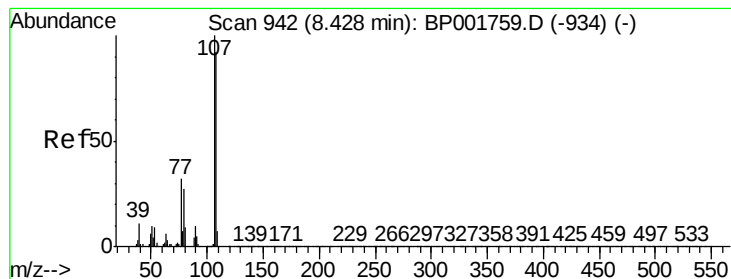
Abundance Ion 70.00 (69.70 to 70.70): BP0

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: 3.107 ng/ul

RT: 8.42 min Scan# 941

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

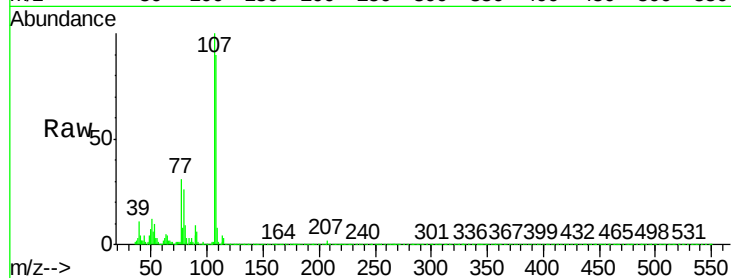
MDL-SOIL-05

Tot Ion:108 Resp: 79183

Ion Ratio Lower Upper

108 100

107 111.7 87.3 130.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

50000

40000

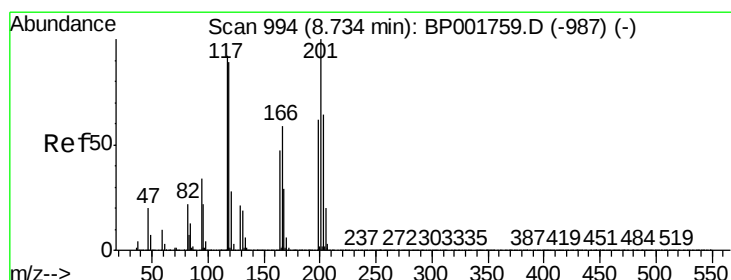
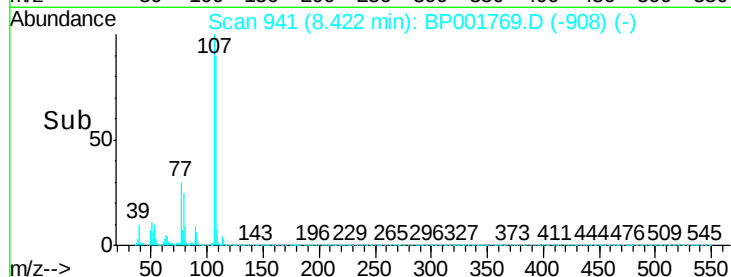
30000

20000

10000

0

Time--> 8.35 8.40 8.45 8.50



#17

Hexachloroethane

Concen: 3.155 ng/ul

RT: 8.73 min Scan# 994

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

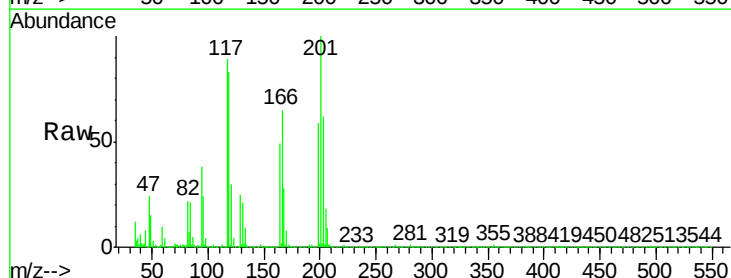
Tgt Ion:117 Resp: 31652

Ion Ratio Lower Upper

117 100

201 112.4 87.2 130.8

199 66.7 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

25000

20000

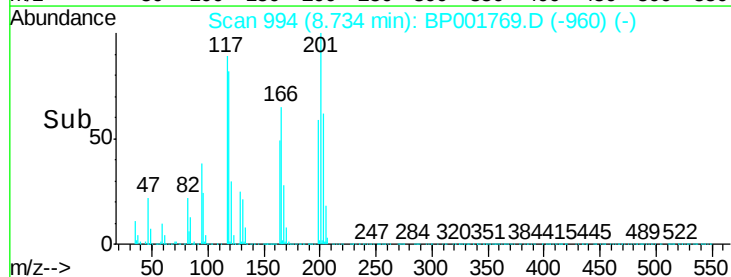
15000

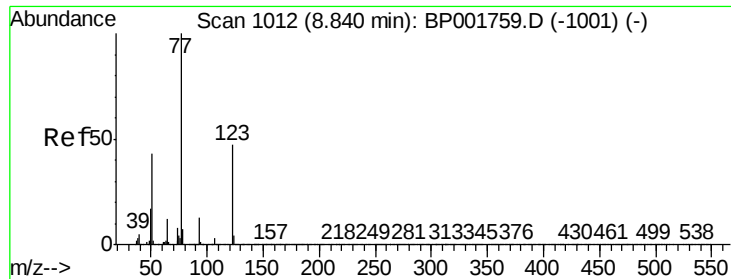
10000

5000

0

Time--> 8.65 8.70 8.75 8.80

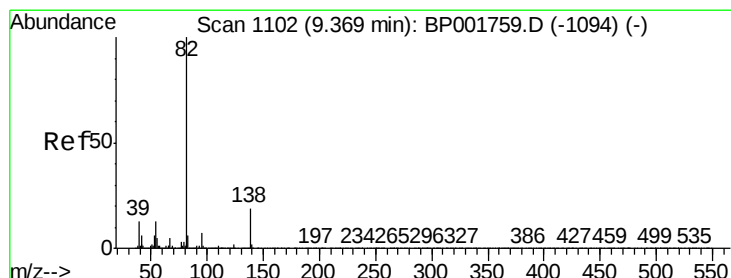
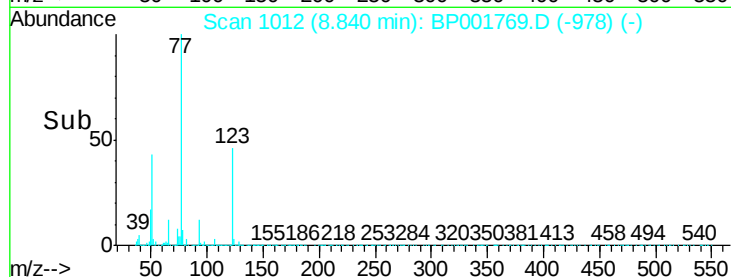
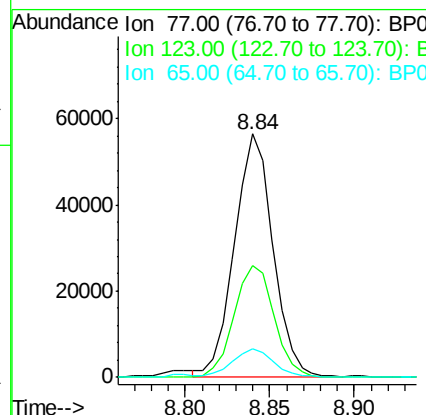
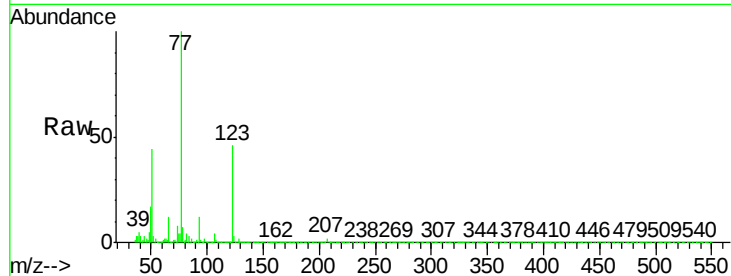




#20
Nitrobenzene
Concen: 3.329 ng/ul
RT: 8.84 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

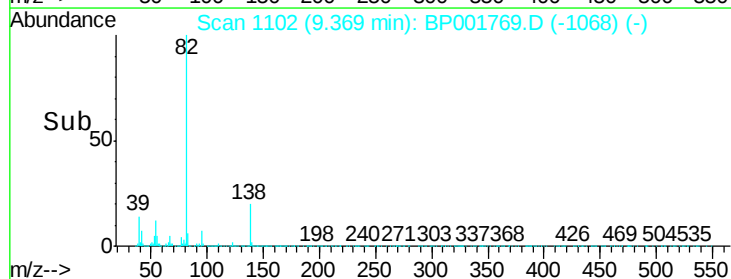
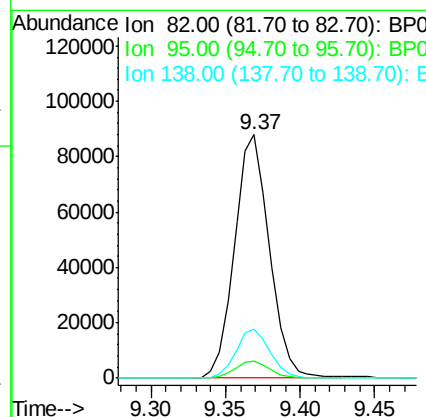
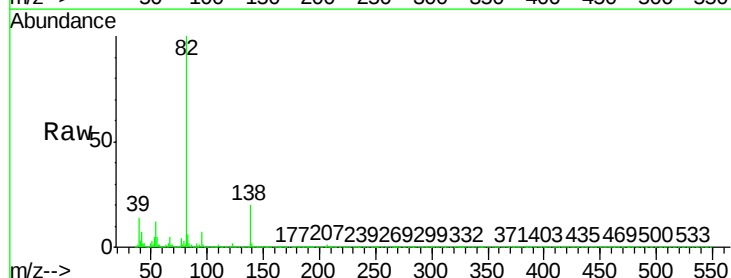
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

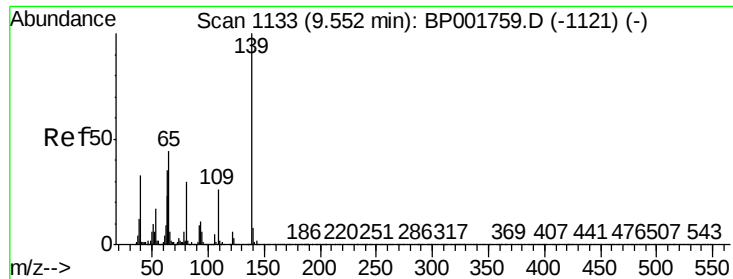
Tot Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.2	55.8
65	11.6	9.5	14.3



#21
Isophorone
Concen: 2.880 ng/ul
RT: 9.37 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	20.0	15.4	23.2





#23

2-Nitrophenol

Concen: 3.336 ng/ul

RT: 9.55 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

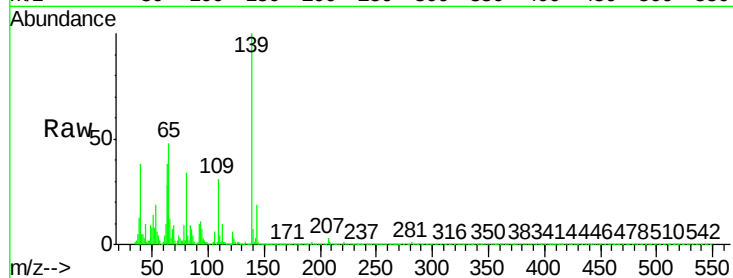
Tot Ion:139 Resp: 39237

Ion Ratio Lower Upper

139 100

65 48.5 35.0 52.6

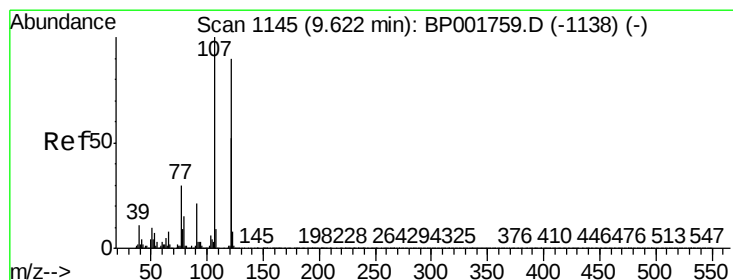
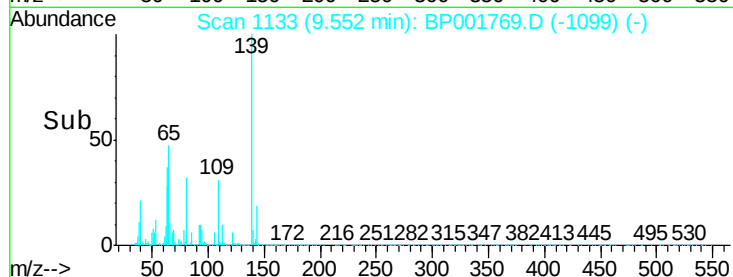
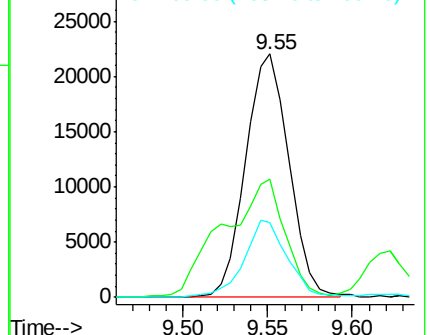
109 30.9 20.8 31.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BP0

Ion 109.00 (108.70 to 109.70): E



#24

2,4-Dimethylphenol

Concen: 3.033 ng/ul

RT: 9.62 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

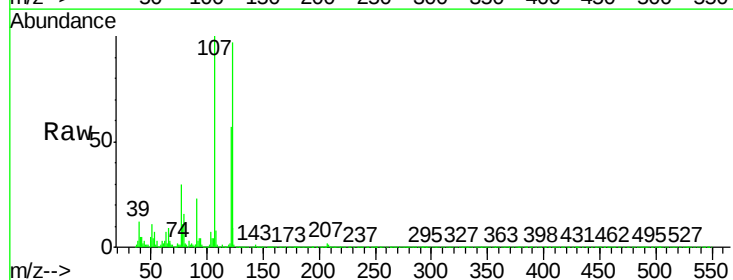
Tgt Ion:107 Resp: 80116

Ion Ratio Lower Upper

107 100

121 56.8 41.8 62.6

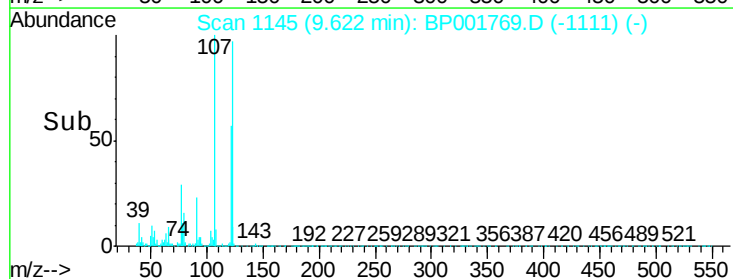
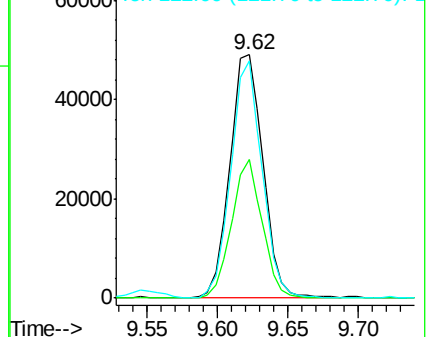
122 97.4 72.4 108.6

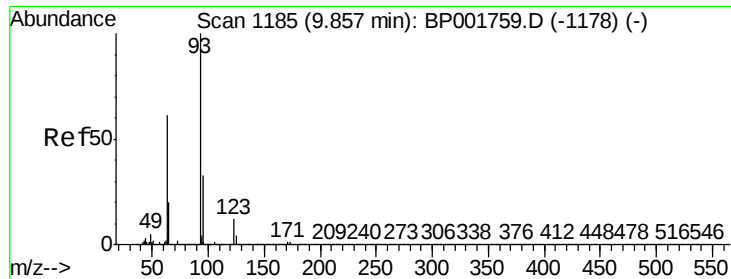


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

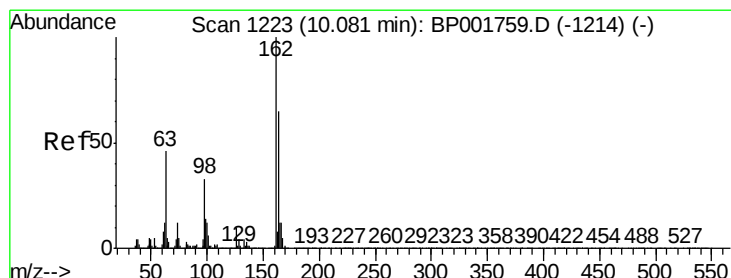
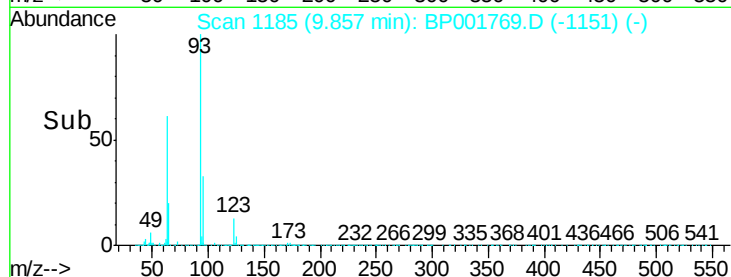
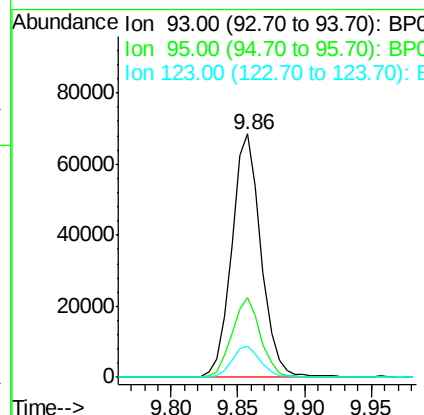
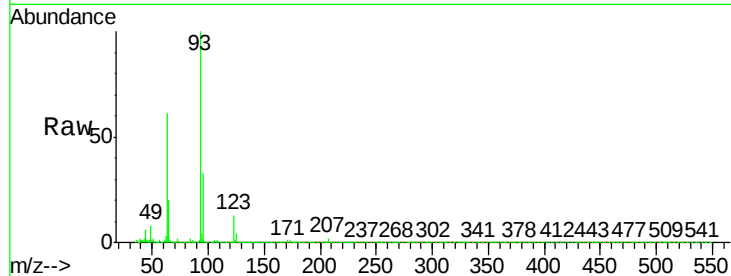




#25
 Bis(2-Chloroethoxy)methane
 Concen: 3.134 ng/ul
 RT: 9.86 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

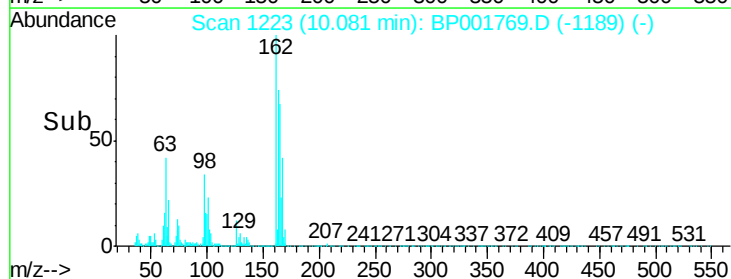
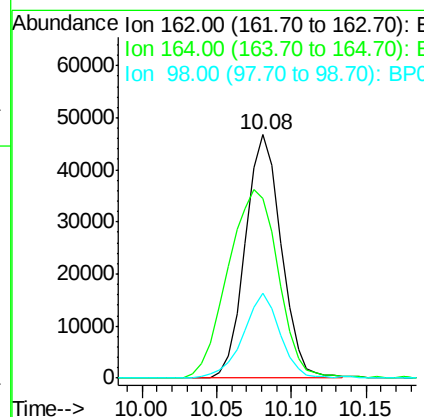
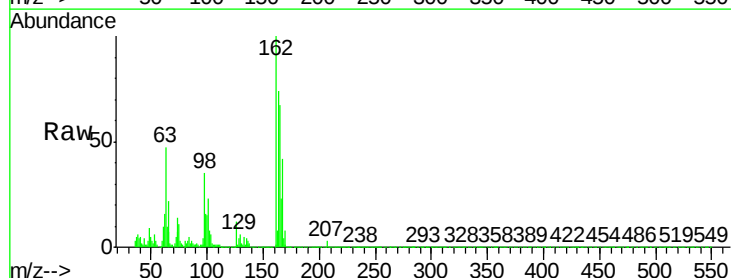
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-05

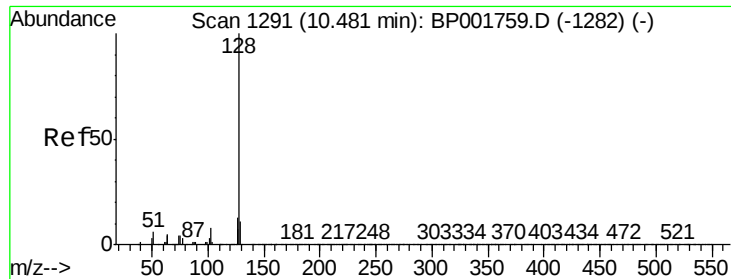
Tot Ion: 93 Resp: 104884
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 12.8 9.8 14.6



#27
 2,4-Dichlorophenol
 Concen: 3.251 ng/ul
 RT: 10.08 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

Tgt Ion: 162 Resp: 77888
 Ion Ratio Lower Upper
 162 100
 164 73.8 52.3 78.5
 98 34.7 26.6 39.8





#28

Naphthalene

Concen: 3.316 ng/ul

RT: 10.48 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

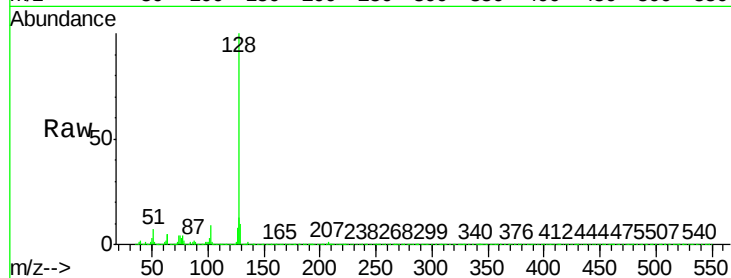
Tot Ion:128 Resp: 284098

Ion Ratio Lower Upper

128 100

129 10.4 8.7 13.1

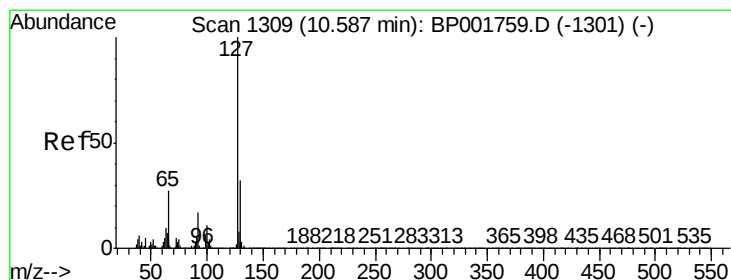
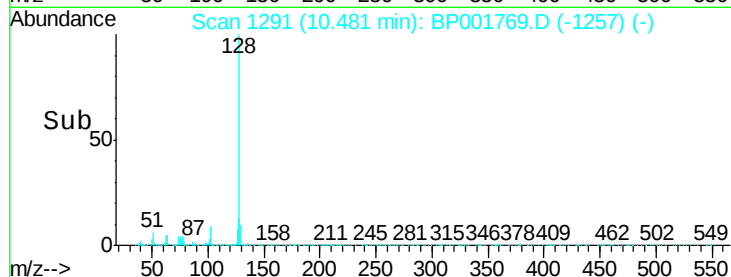
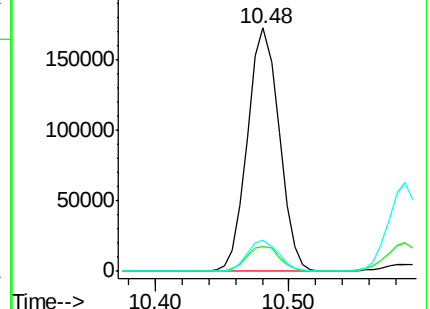
127 12.6 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 3.633 ng/ul

RT: 10.59 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BP001769.D

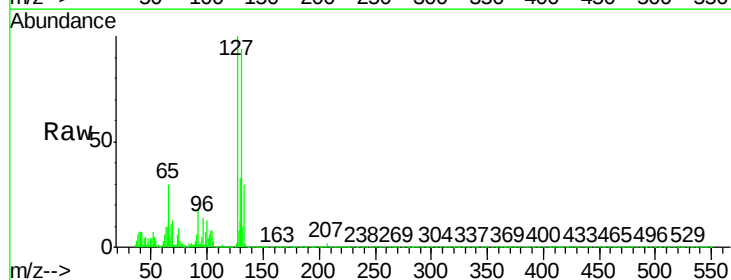
Acq: 18 Feb 2020 20:37

Tgt Ion:127 Resp: 101364

Ion Ratio Lower Upper

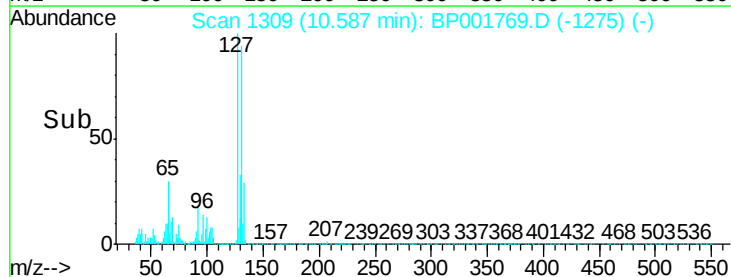
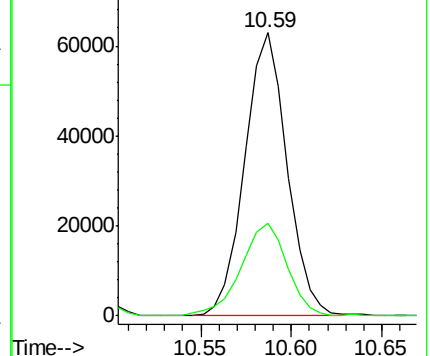
127 100

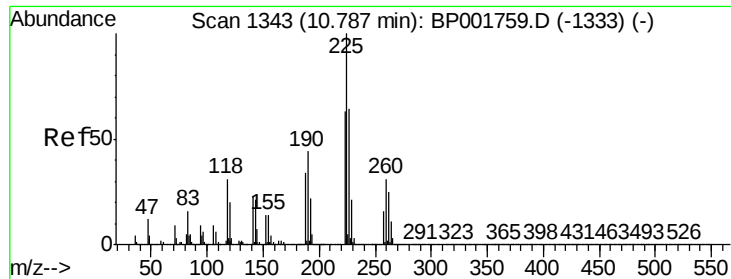
129 32.7 25.8 38.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#31

Hexachlorobutadiene

Concen: 3.226 ng/ul

RT: 10.79 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

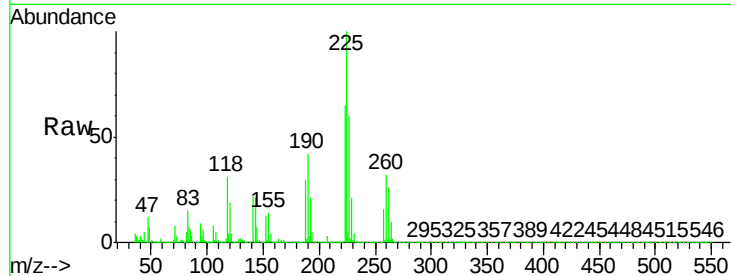
Tot Ion:225 Resp: 54636

Ion Ratio Lower Upper

225 100

223 65.4 50.7 76.1

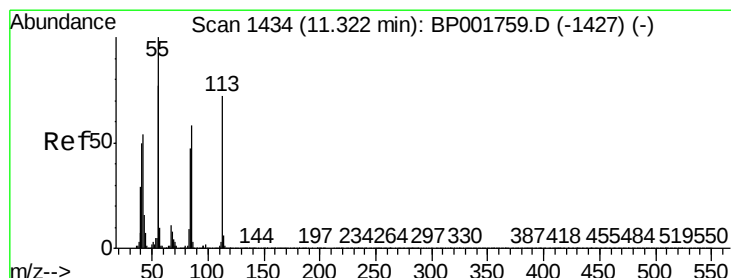
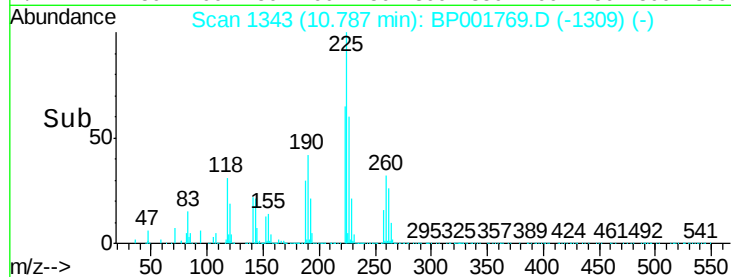
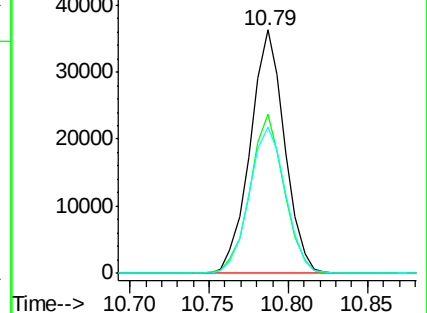
227 60.3 51.3 76.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#32

Caprolactam

Concen: 2.147 ng/ul

RT: 11.35 min Scan# 1438

Delta R.T. 0.02 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

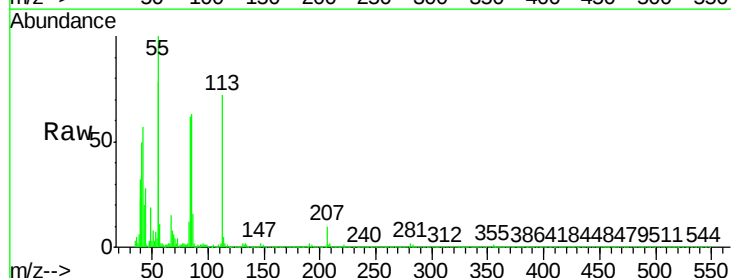
Tgt Ion:113 Resp: 15535

Ion Ratio Lower Upper

113 100

55 138.1 111.0 166.6

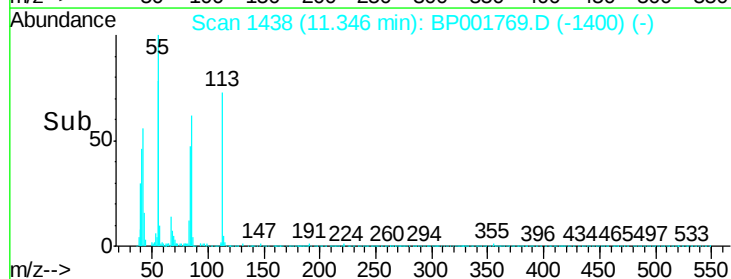
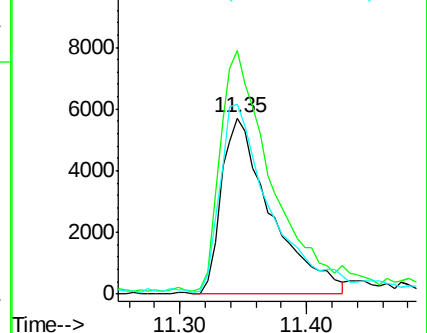
56 107.4 86.2 129.2

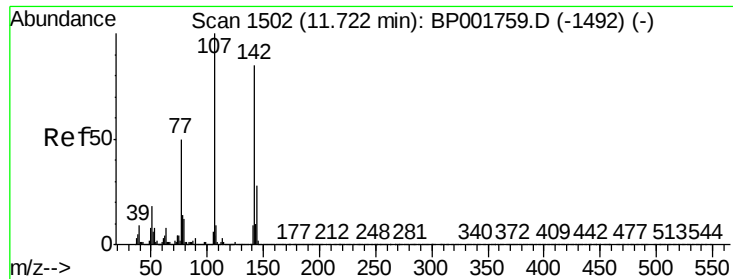


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0

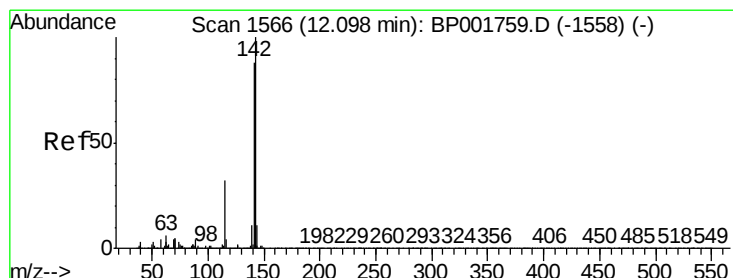
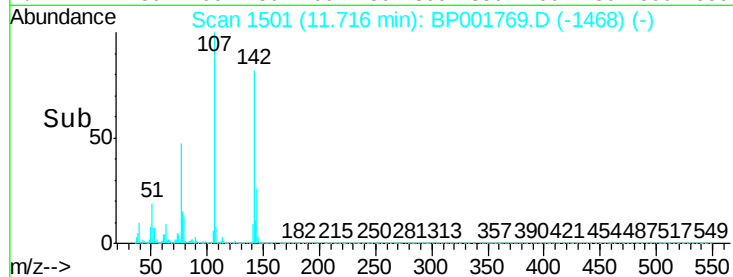
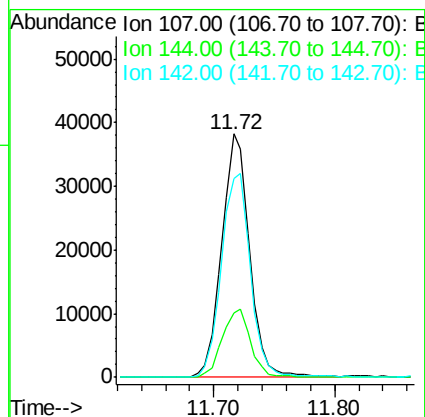
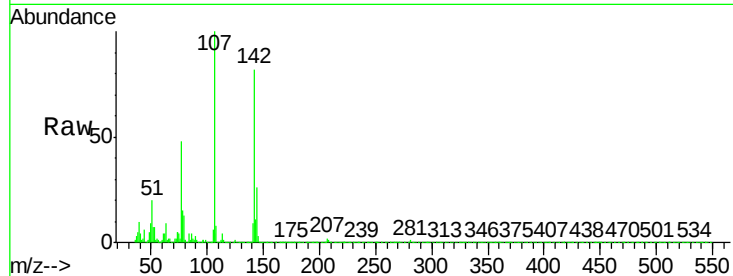




#33
 4-Chloro-3-methylphenol
 Concen: 2.645 ng/ul
 RT: 11.72 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

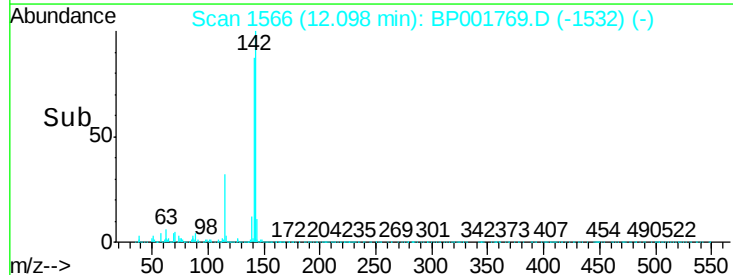
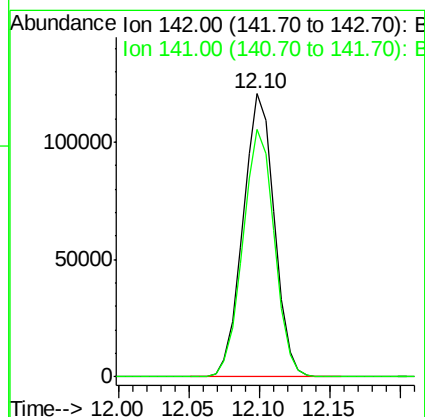
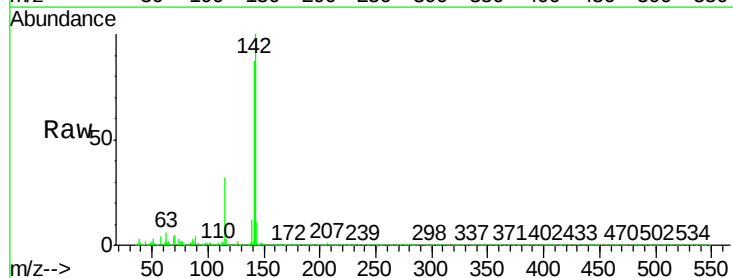
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-05

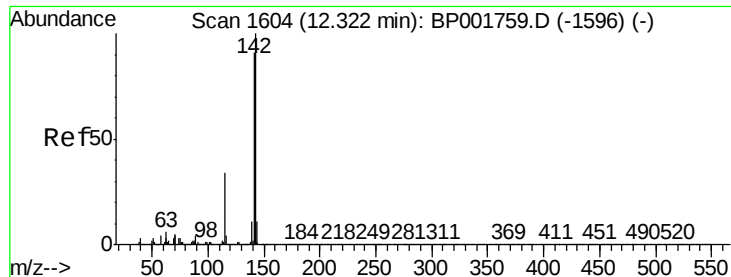
Tot Ion:107 Resp: 60333
 Ion Ratio Lower Upper
 107 100
 144 26.3 22.3 33.5
 142 81.6 68.2 102.4



#34
 2-Methylnaphthalene
 Concen: 3.184 ng/ul
 RT: 12.10 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

Tgt Ion:142 Resp: 188061
 Ion Ratio Lower Upper
 142 100
 141 87.4 70.2 105.4





#35

1-Methylnaphthalene

Concen: 3.411 ng/ul

RT: 12.32 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

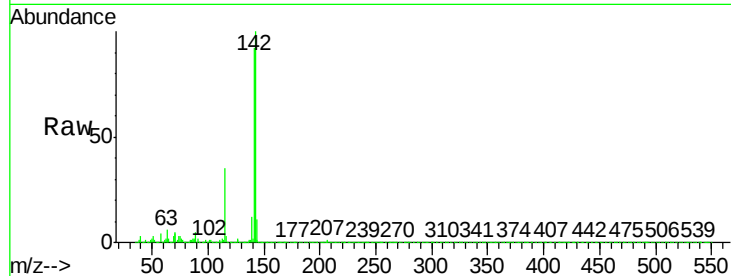
Tot Ion:142 Resp: 198544

Ion Ratio Lower Upper

142 100

141 92.3 73.2 109.8

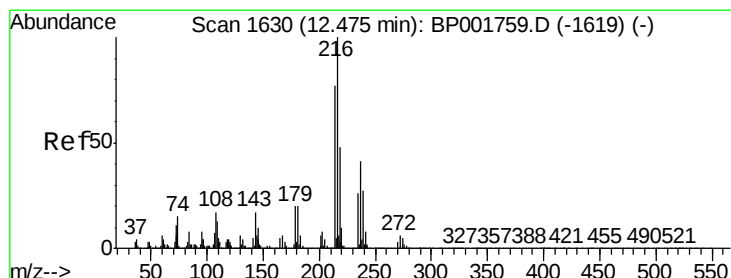
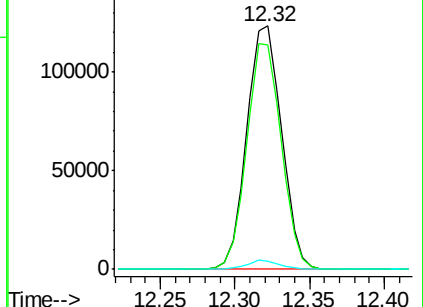
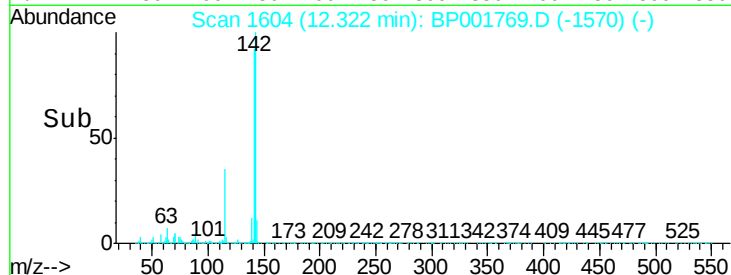
116 3.4 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.264 ng/ul

RT: 12.47 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Tgt Ion:216 Resp: 104877

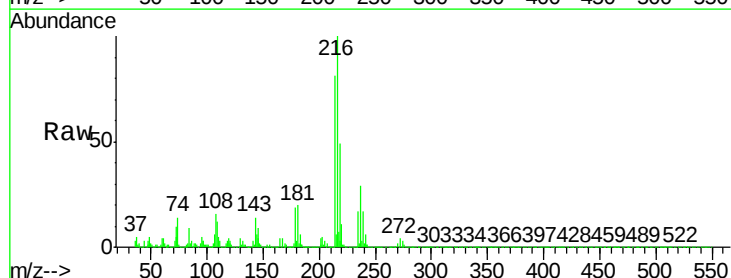
Ion Ratio Lower Upper

216 100

214 81.2 61.8 92.8

179 19.3 16.2 24.2

108 15.7 13.7 20.5

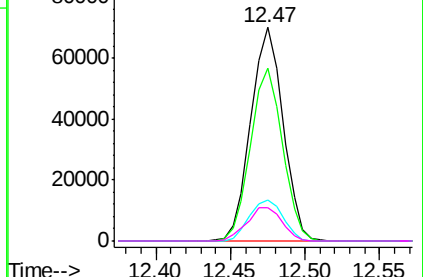
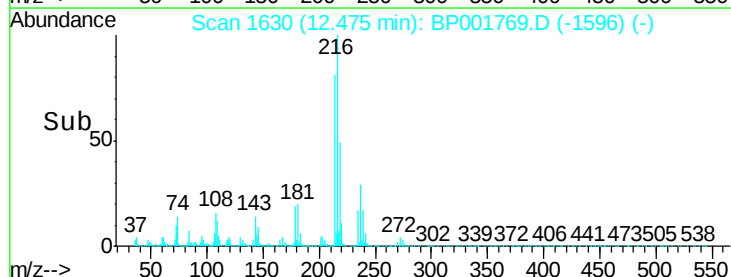


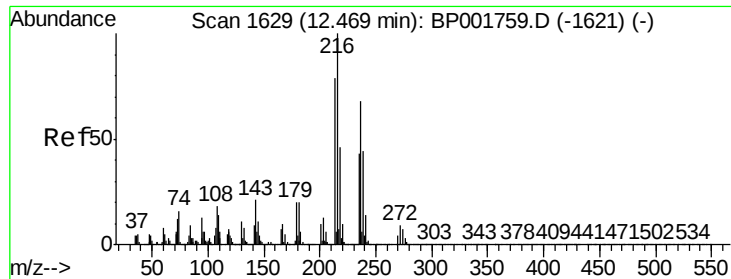
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

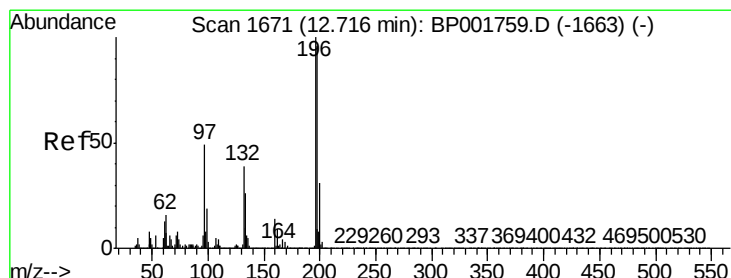
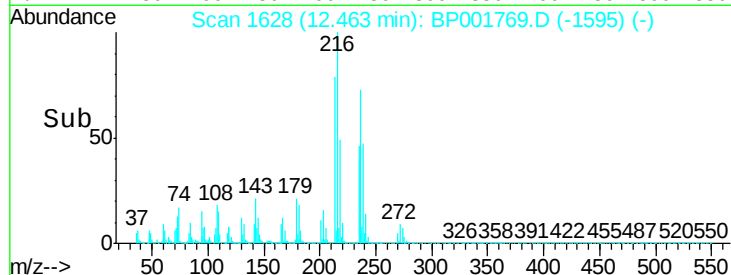
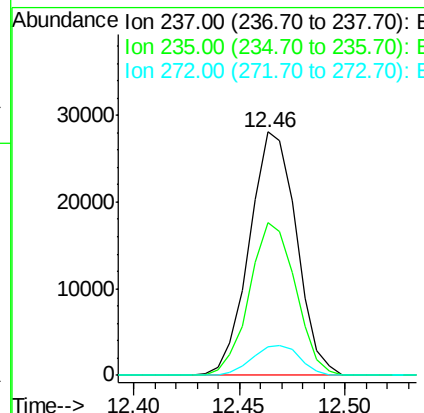
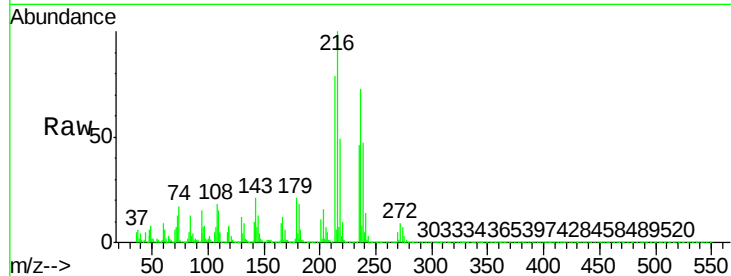




#38
Hexachlorocyclopentadiene
Concen: 2.501 ng/ul
RT: 12.46 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

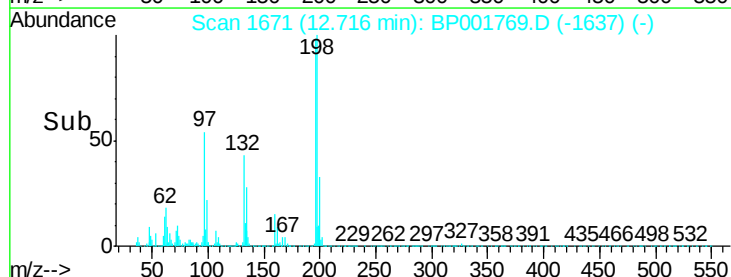
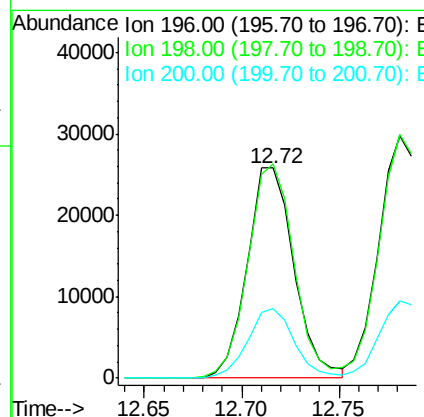
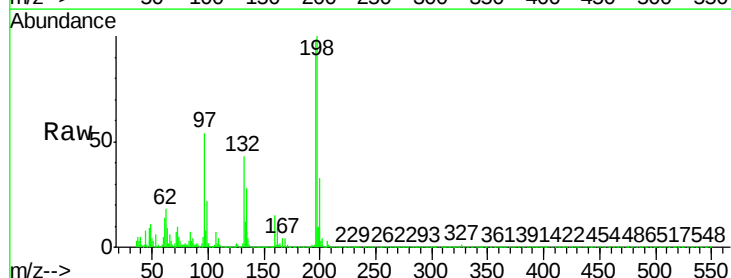
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

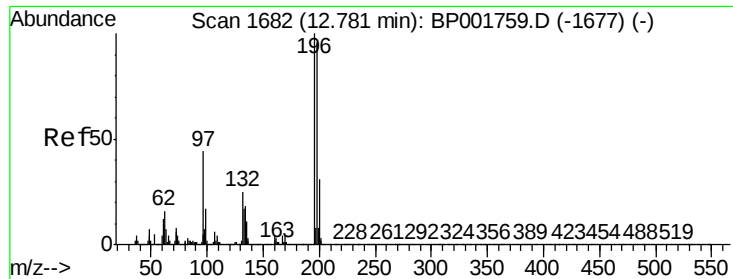
Tot Ion:237 Resp: 43414
Ion Ratio Lower Upper
237 100
235 62.8 50.2 75.4
272 11.9 10.7 16.1



#39
2,4,6-Trichlorophenol
Concen: 2.509 ng/ul
RT: 12.72 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

Tgt Ion:196 Resp: 43094
Ion Ratio Lower Upper
196 100
198 101.8 76.6 115.0
200 33.2 24.6 37.0

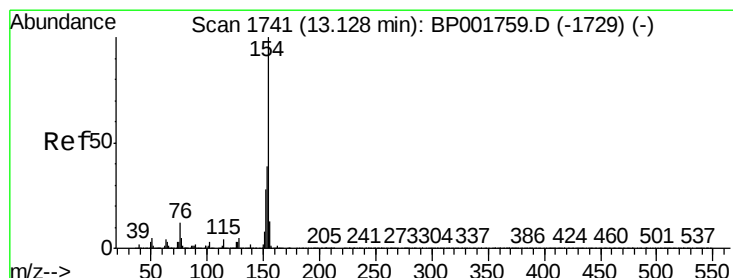
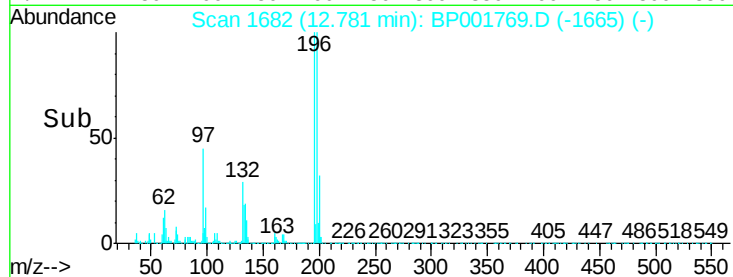
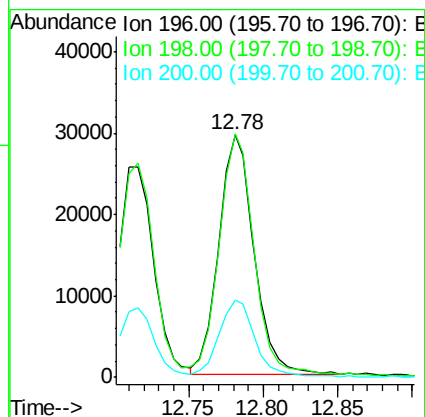
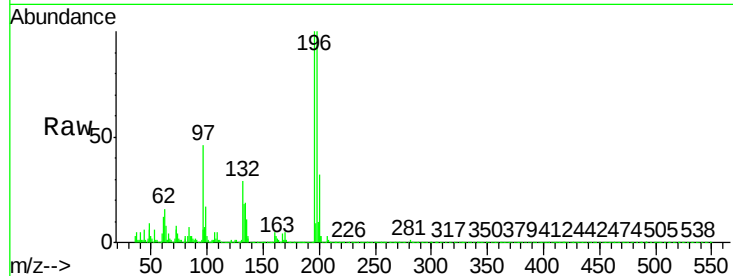




#40
2,4,5-Trichlorophenol
Concen: 2.573 ng/ul
RT: 12.78 min Scan# 1682
Delta R.T. 0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

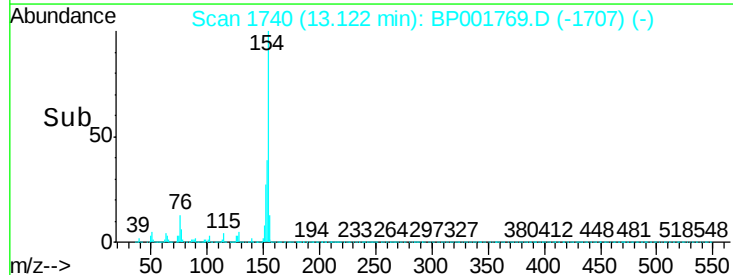
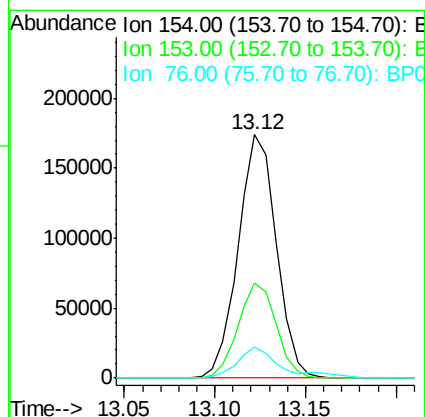
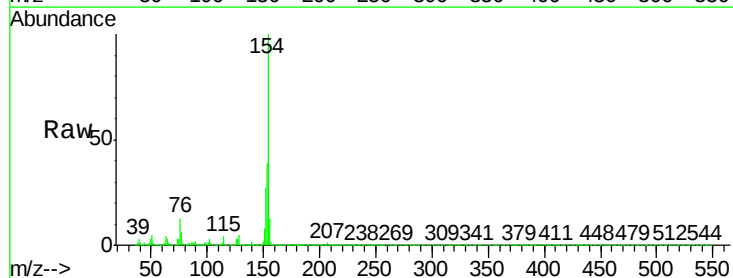
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

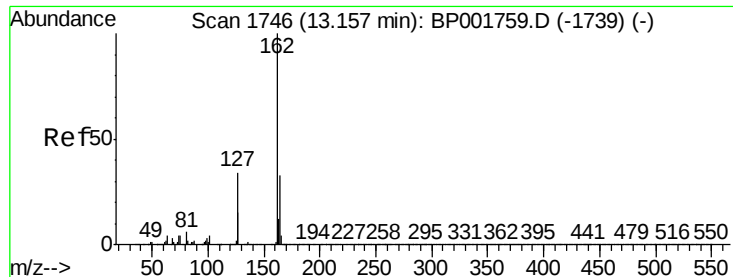
Tot Ion:196 Resp: 48647
Ion Ratio Lower Upper
196 100
198 100.4 77.2 115.8
200 31.8 24.7 37.1



#41
1,1'-Biphenyl
Concen: 3.295 ng/ul
RT: 13.12 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

Tgt Ion:154 Resp: 253386
Ion Ratio Lower Upper
154 100
153 39.0 31.5 47.3
76 13.0 9.4 14.2

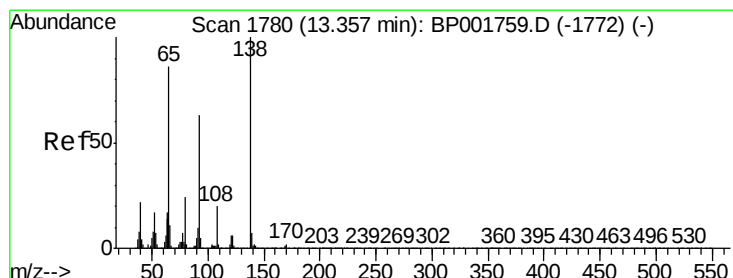
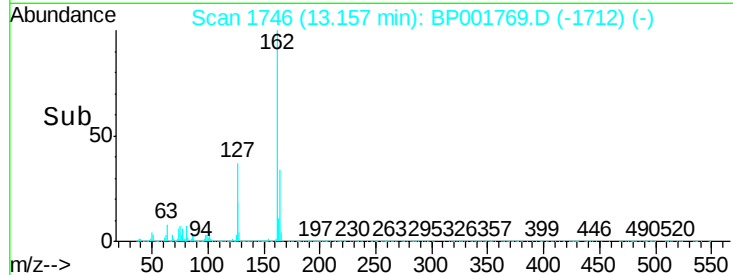
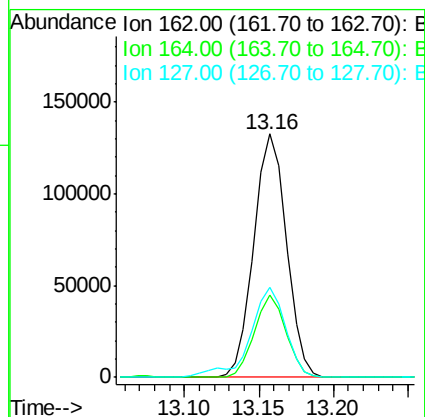
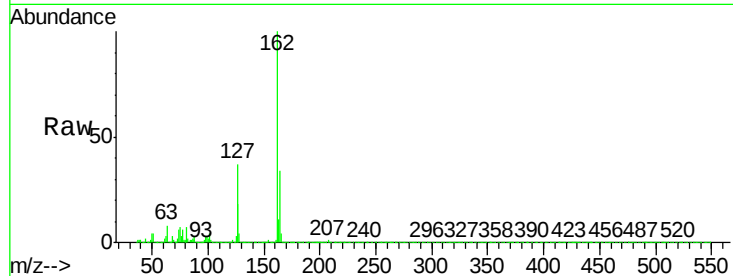




#42
2-Chloronaphthalene
Concen: 3.300 ng/ul
RT: 13.16 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

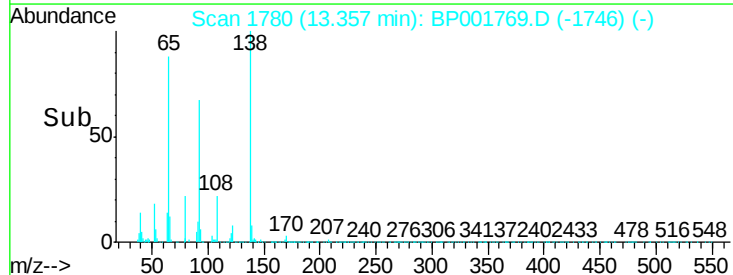
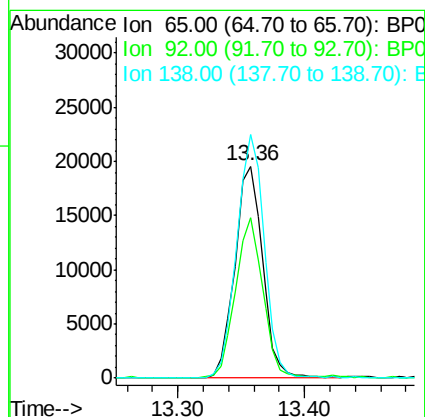
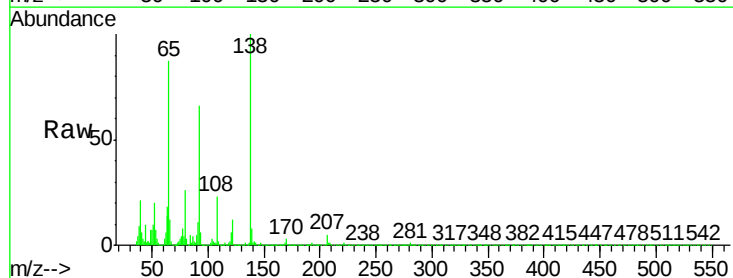
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

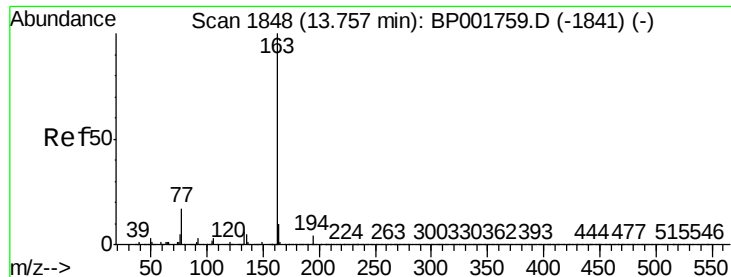
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.8	26.4	39.6
127	37.1	29.7	44.5



#43
2-Nitroaniline
Concen: 2.428 ng/ul
RT: 13.36 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	59.1	88.7
138	114.7	93.4	140.0





#45

Dimethylphthalate

Concen: 3.298 ng/ul

RT: 13.75 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

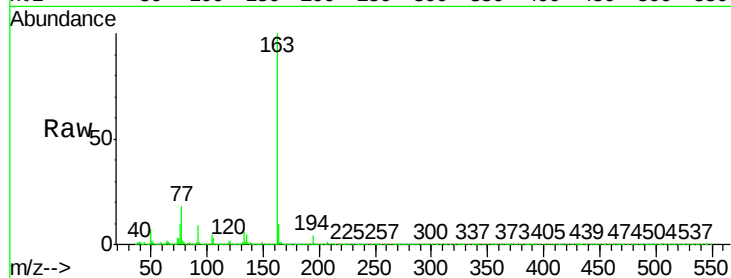
Tot Ion:163 Resp: 240282

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

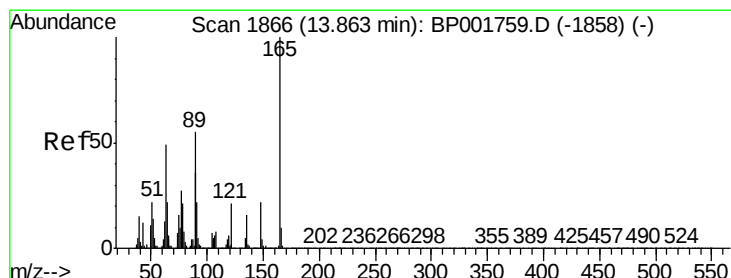
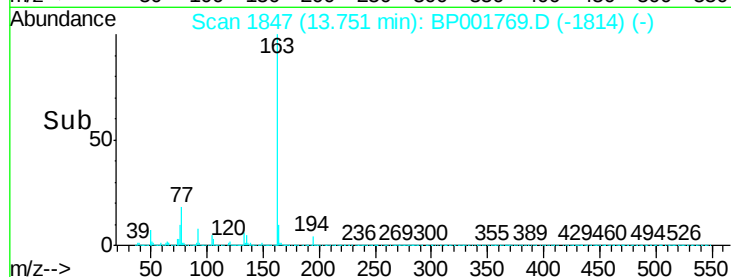
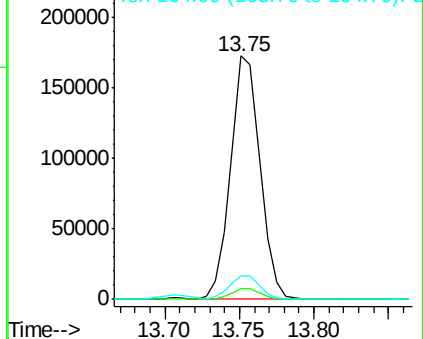
164 9.7 8.0 12.0



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: 2.264 ng/ul

RT: 13.86 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

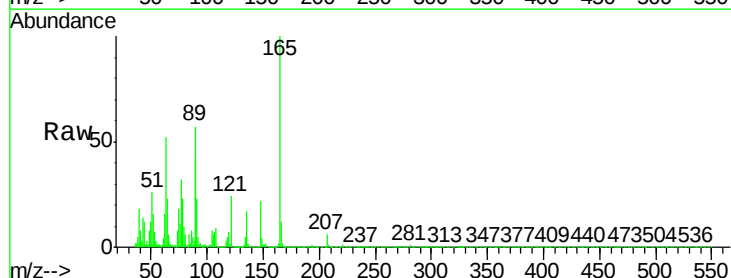
Tgt Ion:165 Resp: 28741

Ion Ratio Lower Upper

165 100

89 57.3 43.9 65.9

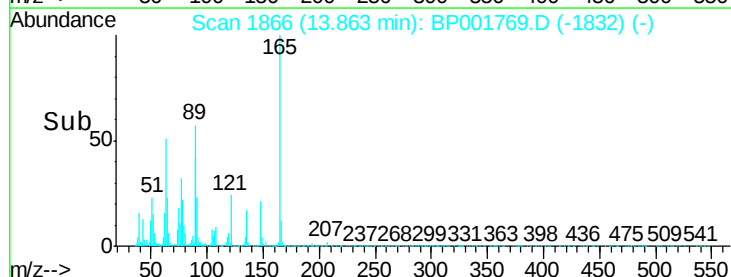
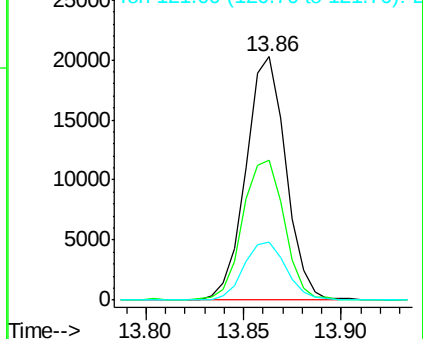
121 24.1 16.7 25.1

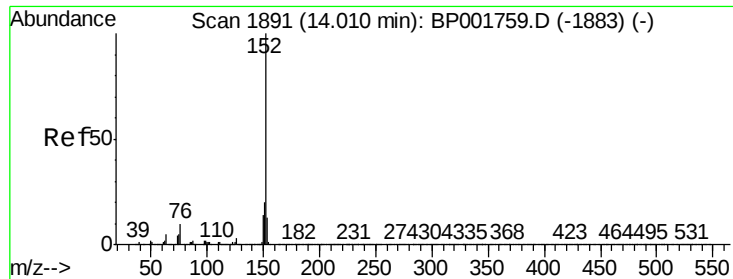


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BP0

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 3.376 ng/ul

RT: 14.01 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

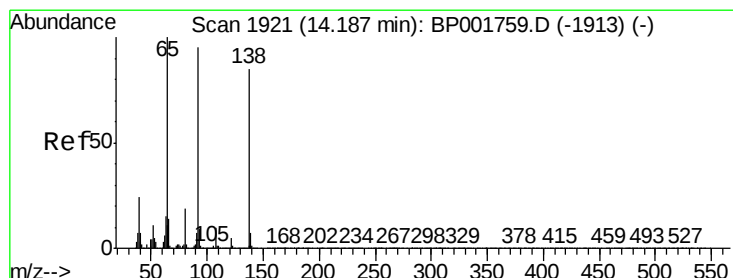
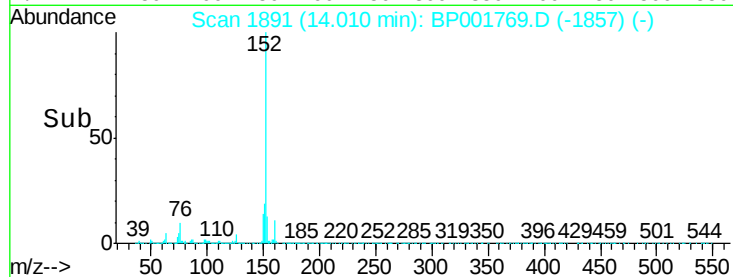
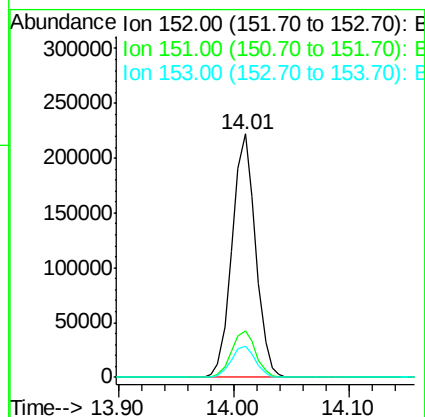
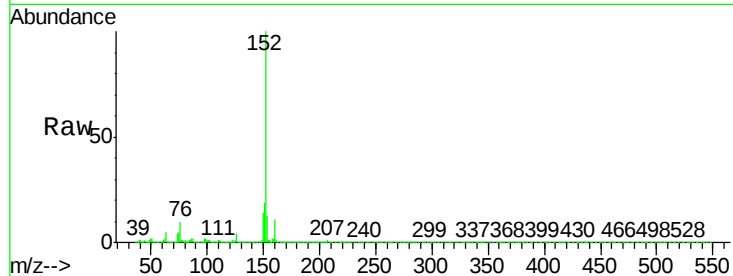
Tot Ion:152 Resp: 312209

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

153 12.6 10.7 16.1



#49

3-Nitroaniline

Concen: 2.406 ng/ul

RT: 14.19 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

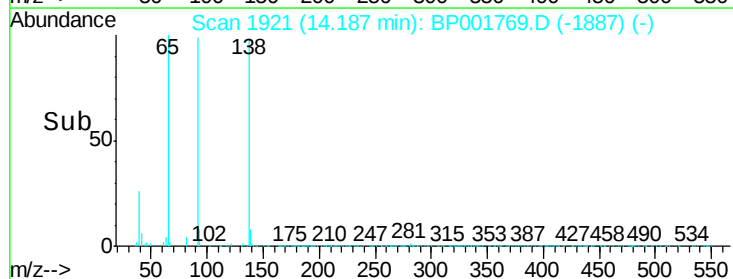
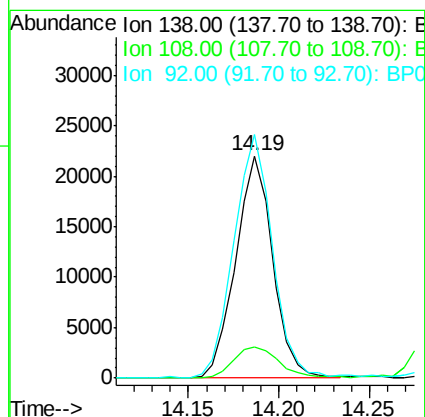
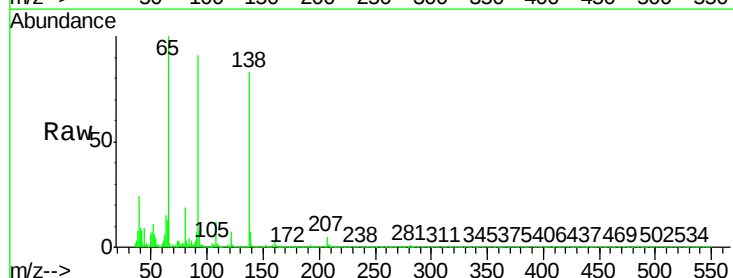
Tgt Ion:138 Resp: 31097

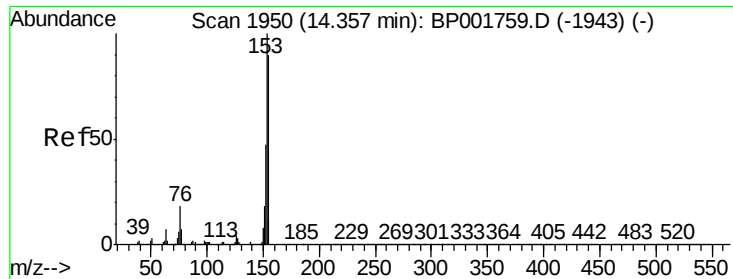
Ion Ratio Lower Upper

138 100

108 14.0 9.9 14.9

92 109.5 88.9 133.3





#50

Acenaphthene

Concen: 3.305 ng/ul

RT: 14.36 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

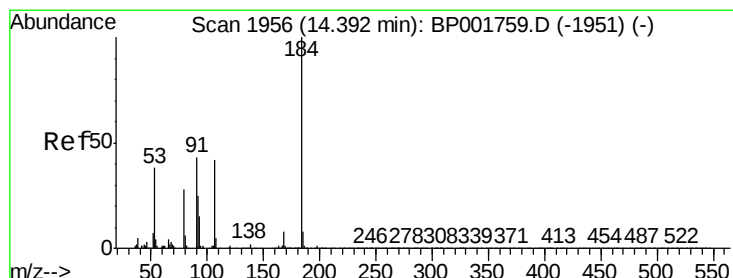
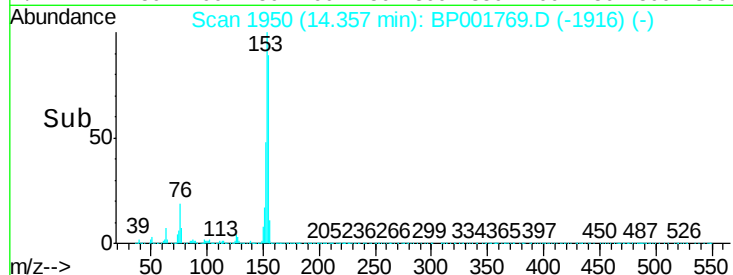
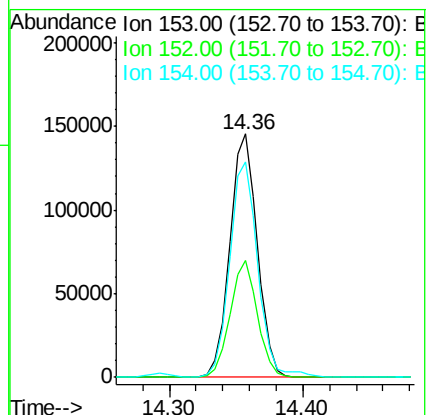
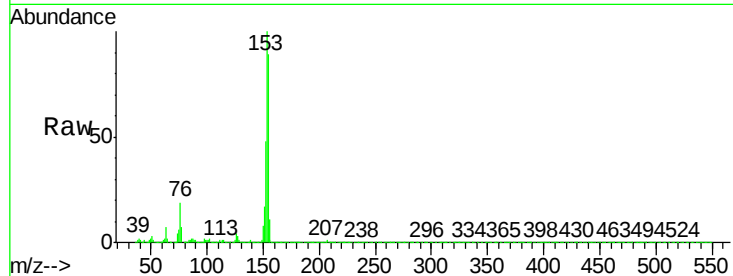
Tot Ion:153 Resp: 208870

Ion Ratio Lower Upper

153 100

152 48.2 37.8 56.8

154 88.6 71.9 107.9



#51

2,4-Dinitrophenol

Concen: 1.565 ng/ul

RT: 14.39 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

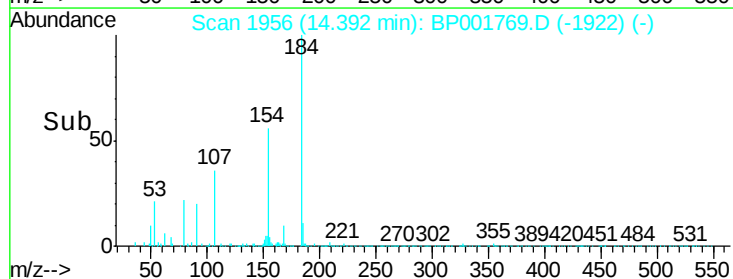
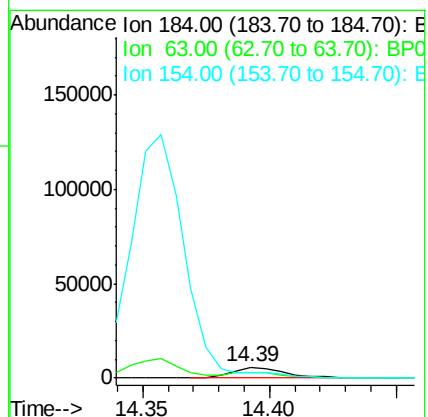
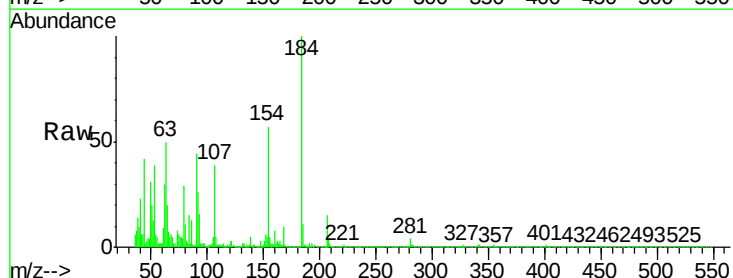
Tgt Ion:184 Resp: 8246

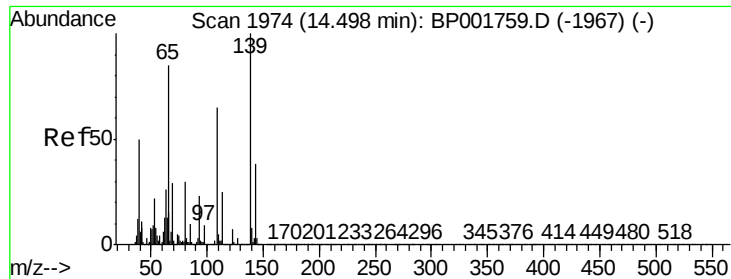
Ion Ratio Lower Upper

184 100

63 49.7 45.9 68.9

154 56.9 47.3 70.9





#53

4-Nitrophenol

Concen: 3.006 ng/ul

RT: 14.50 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

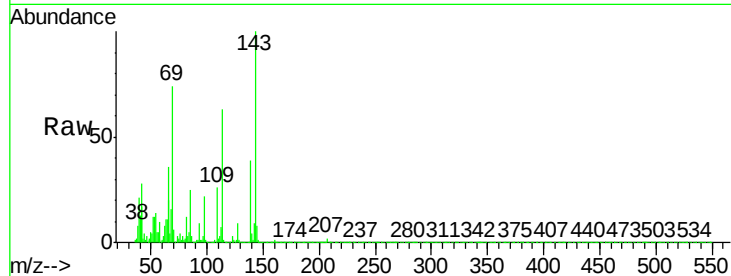
Tot Ion:109 Resp: 26828

Ion Ratio Lower Upper

109 100

139 148.7 123.1 184.7

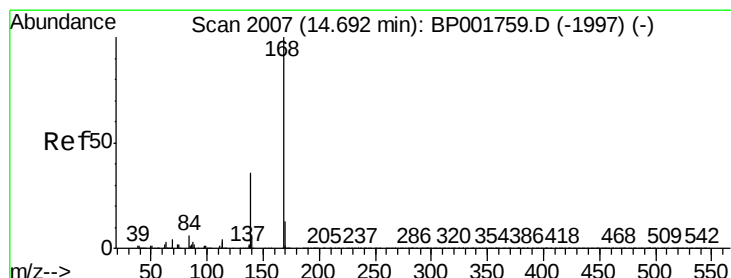
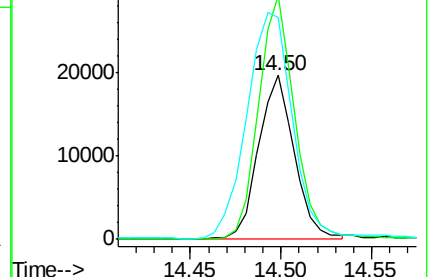
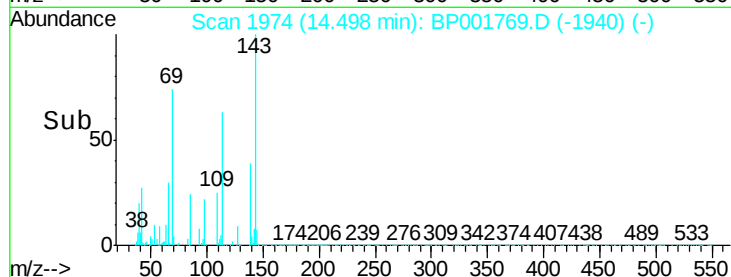
65 135.3 105.0 157.6



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: 3.413 ng/ul

RT: 14.69 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BP001769.D

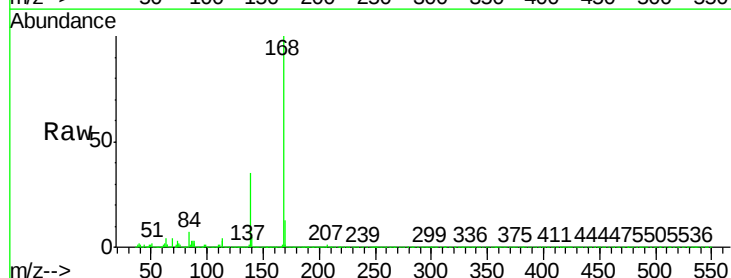
Acq: 18 Feb 2020 20:37

Tgt Ion:168 Resp: 303721

Ion Ratio Lower Upper

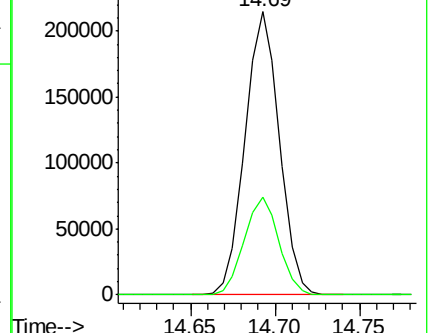
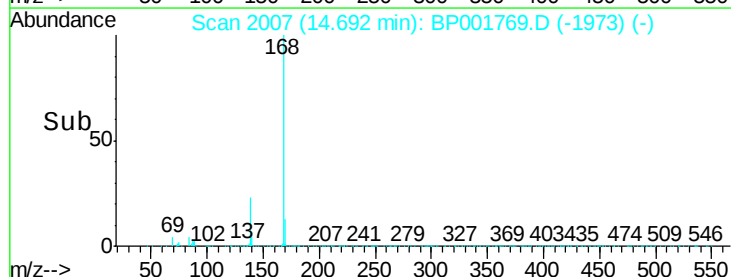
168 100

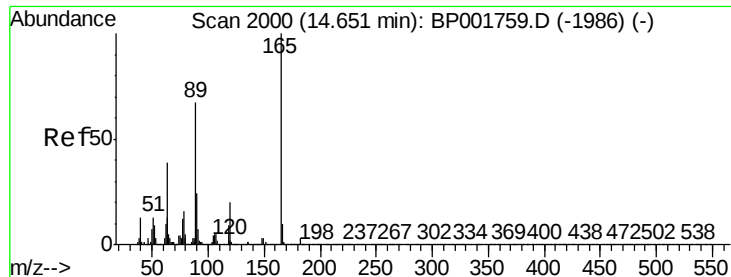
139 34.5 28.6 43.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

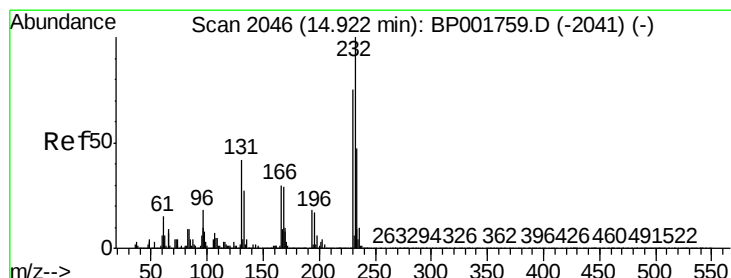
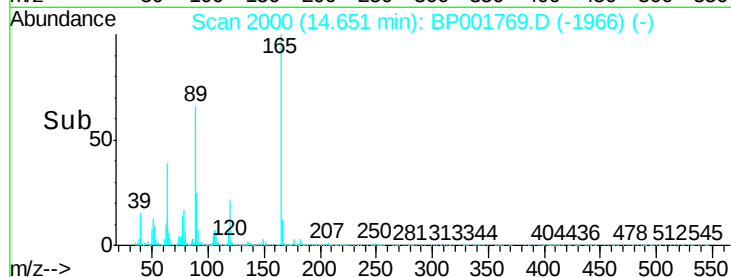
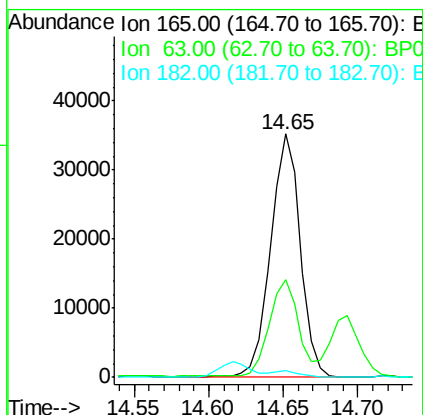
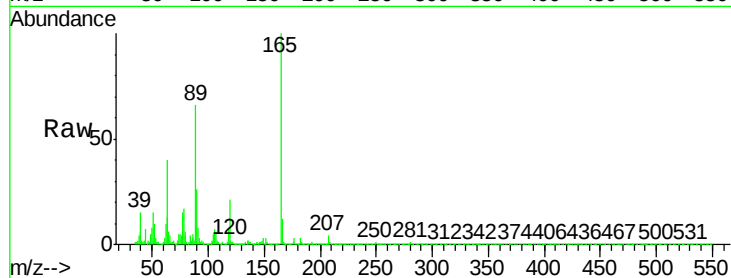




#55
 2,4-Dinitrotoluene
 Concen: 2.603 ng/ul
 RT: 14.65 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

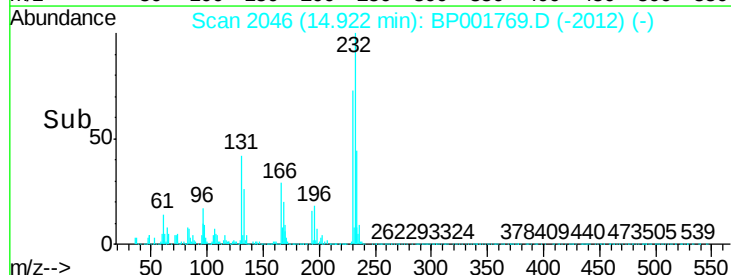
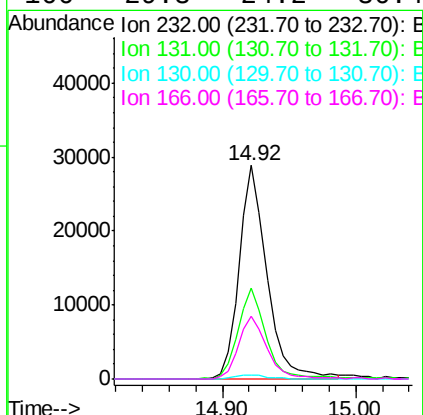
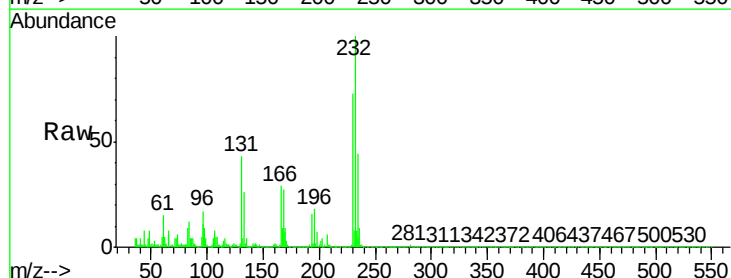
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-05

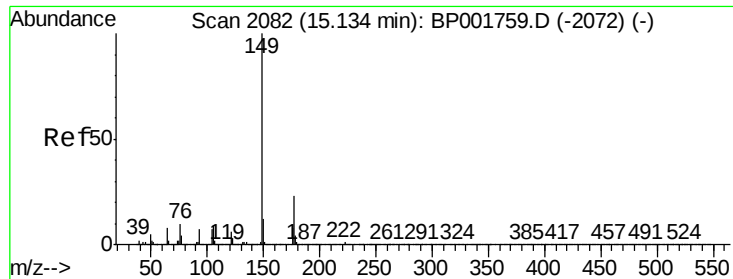
Tot Ion:165 Resp: 48670
 Ion Ratio Lower Upper
 165 100
 63 39.9 31.0 46.6
 182 3.0 2.4 3.6



#56
 2,3,4,6-Tetrachlorophenol
 Concen: 2.720 ng/ul
 RT: 14.92 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

Tgt Ion:232 Resp: 41567
 Ion Ratio Lower Upper
 232 100
 131 42.6 34.1 51.1
 130 1.8 1.8 2.6
 166 29.3 24.2 36.4

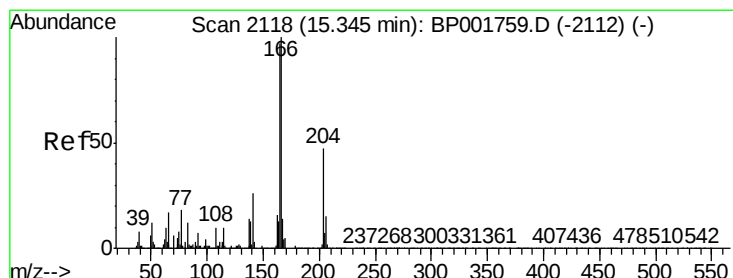
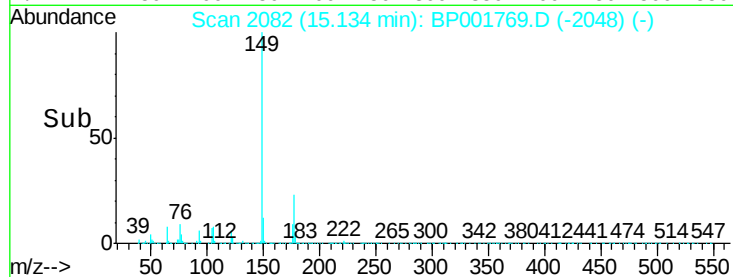
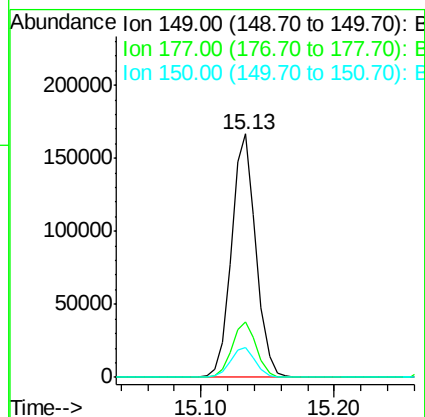
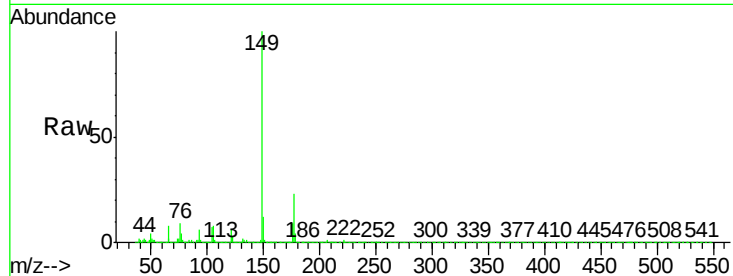




#57
Diethylphthalate
Concen: 3.047 ng/ul
RT: 15.13 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

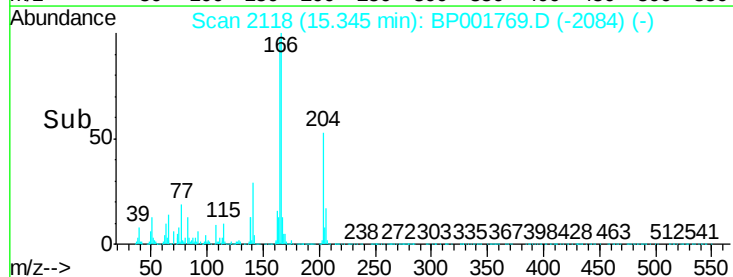
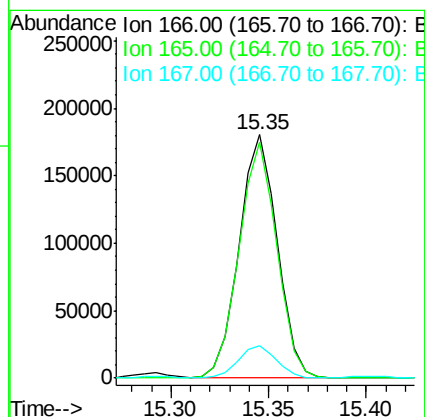
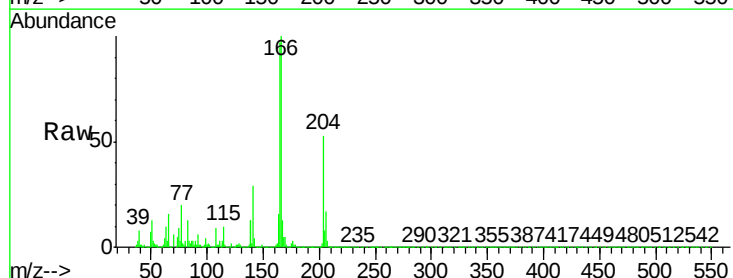
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

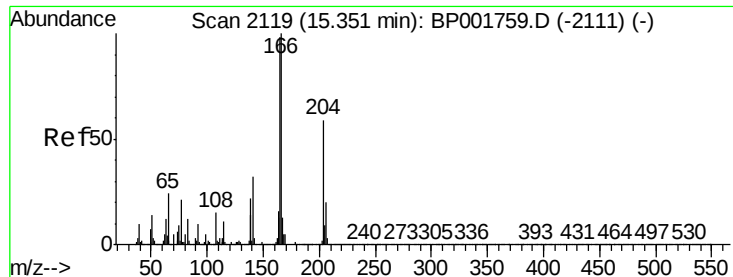
Tot Ion:149 Resp: 212277
Ion Ratio Lower Upper
149 100
177 22.9 18.1 27.1
150 12.3 9.8 14.8



#59
Fluorene
Concen: 3.436 ng/ul
RT: 15.35 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

Tgt Ion:166 Resp: 243281
Ion Ratio Lower Upper
166 100
165 97.1 77.3 115.9
167 13.1 11.0 16.6





#60

4-Chlorophenyl-phenylether

Concen: 3.408 ng/ul

RT: 15.35 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

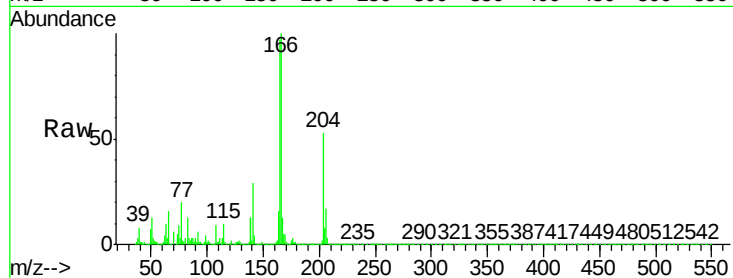
Tot Ion:204 Resp: 125212

Ion Ratio Lower Upper

204 100

206 33.0 26.6 40.0

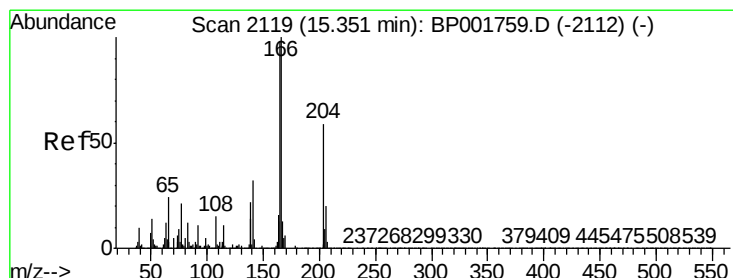
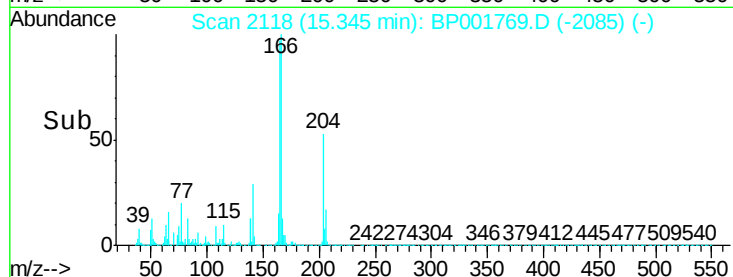
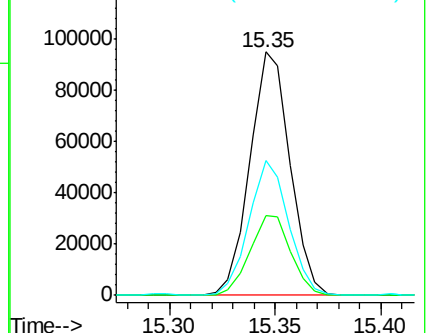
141 55.4 43.1 64.7



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: 2.464 ng/ul

RT: 15.35 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

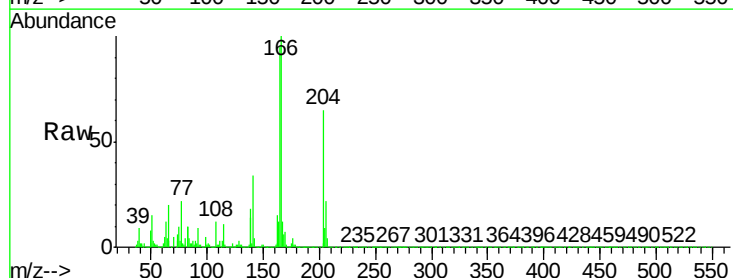
Tgt Ion:138 Resp: 35964

Ion Ratio Lower Upper

138 100

92 48.9 38.4 57.6

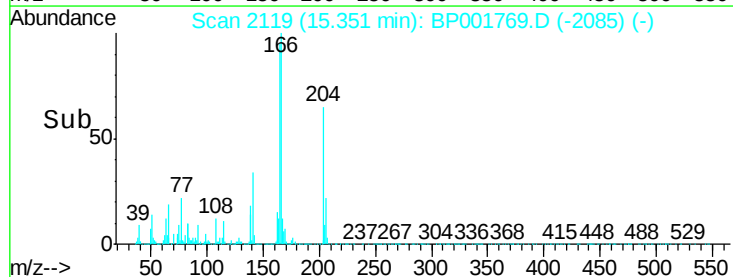
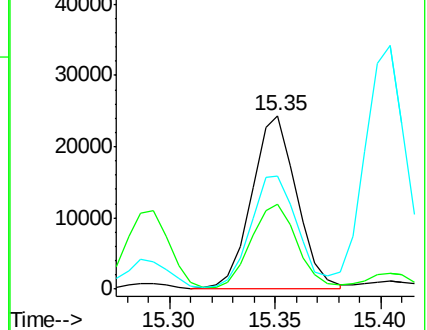
108 65.3 53.8 80.6

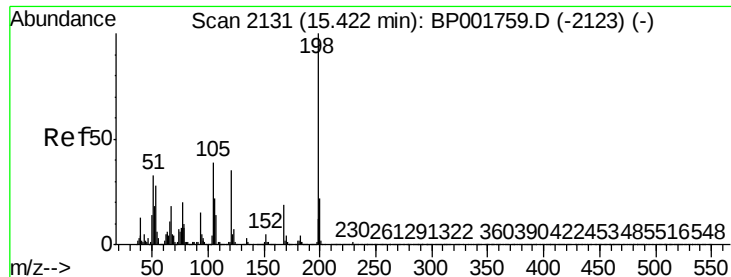


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E





#64

4,6-Dinitro-2-methylphenol

Concen: 2.738 ng/ul

RT: 15.42 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

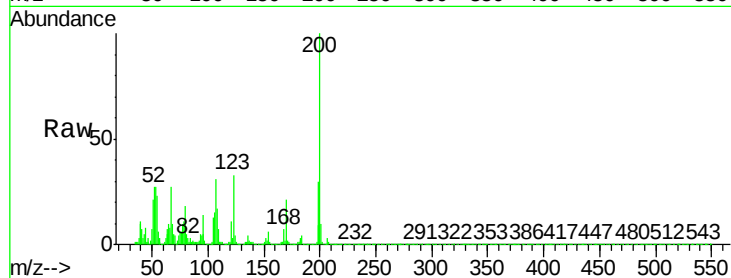
Tot Ion:198 Resp: 25604

Ion Ratio Lower Upper

198 100

182 10.7 3.0 4.6#

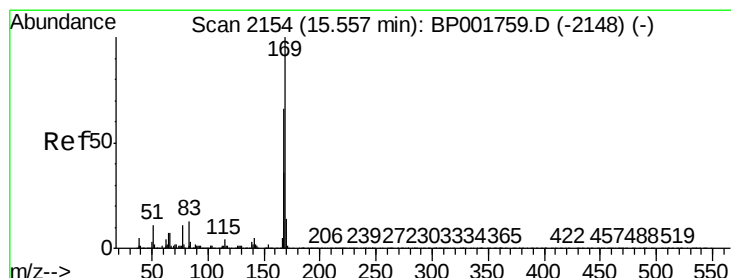
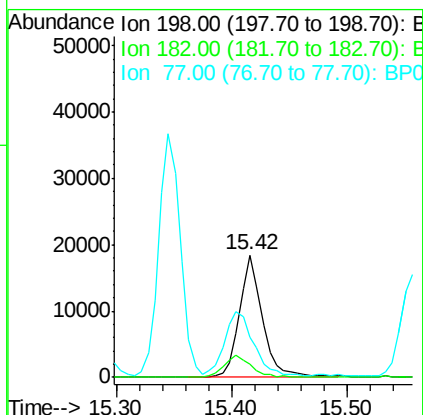
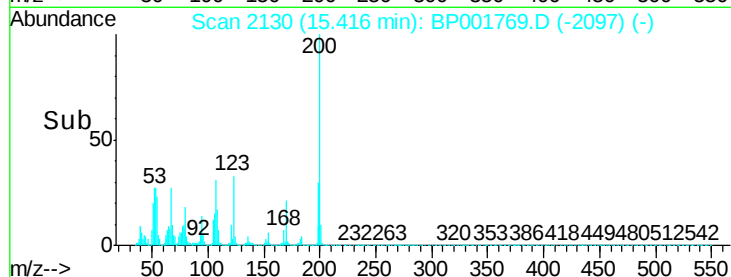
77 32.4 17.3 25.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BPO



#65

N-Nitrosodiphenylamine

Concen: 3.218 ng/ul

RT: 15.56 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

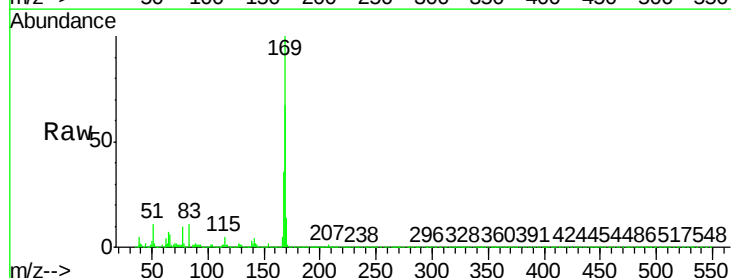
Tgt Ion:169 Resp: 196250

Ion Ratio Lower Upper

169 100

168 66.5 52.9 79.3

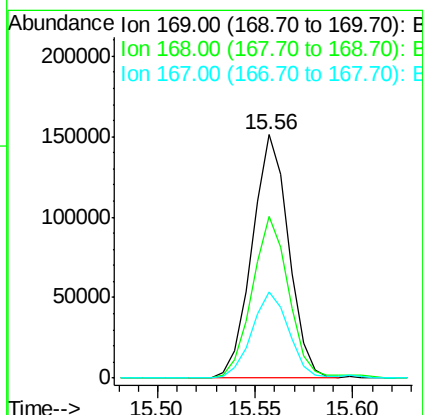
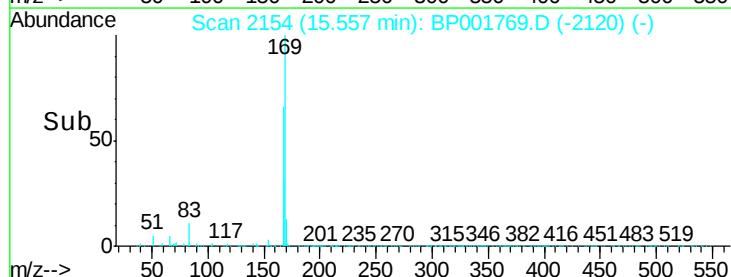
167 35.6 28.9 43.3

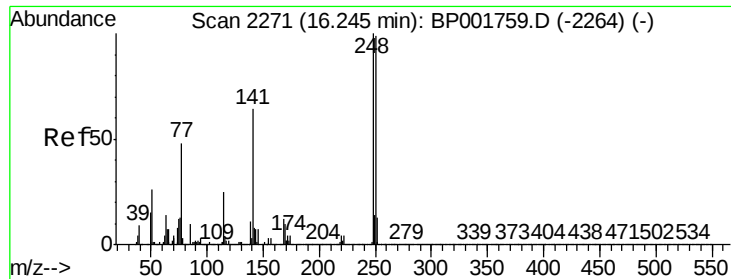


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

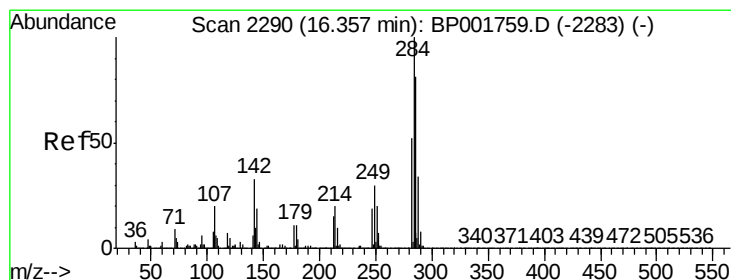
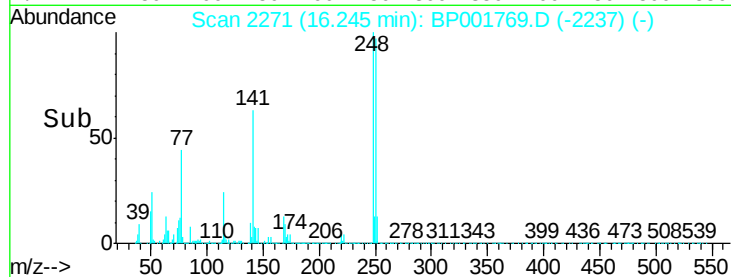
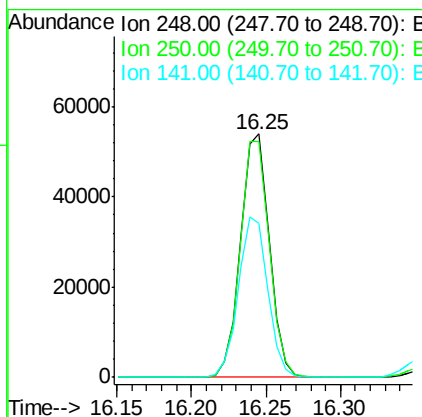
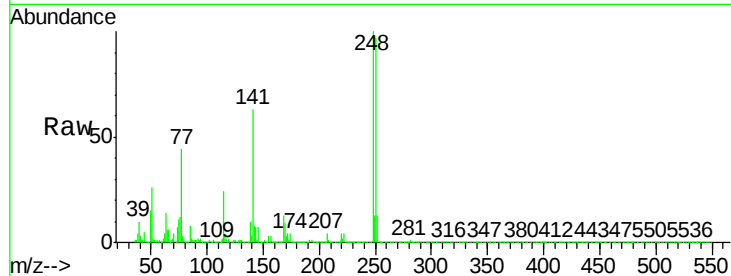




#66
4-Bromophenyl-phenylether
Concen: 3.092 ng/ul
RT: 16.25 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

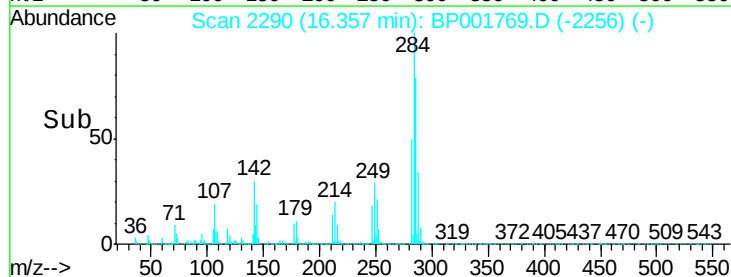
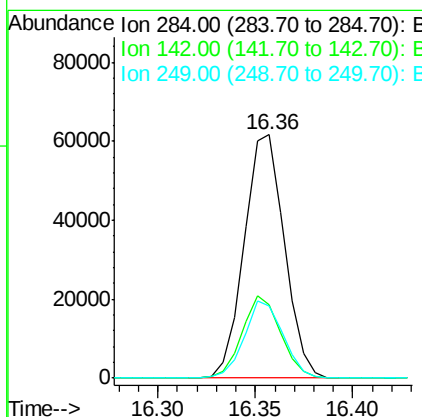
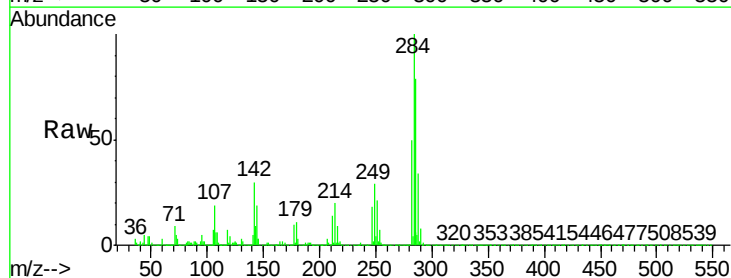
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

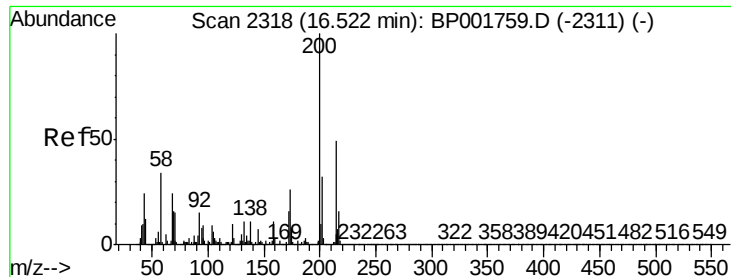
Tot Ion:248 Resp: 72171
Ion Ratio Lower Upper
248 100
250 96.9 79.2 118.8
141 63.3 51.0 76.6



#67
Hexachlorobenzene
Concen: 3.269 ng/ul
RT: 16.36 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

Tgt Ion:284 Resp: 88051
Ion Ratio Lower Upper
284 100
142 30.4 26.6 40.0
249 29.4 24.4 36.6

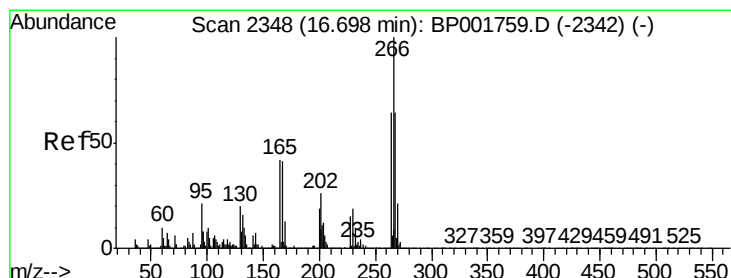
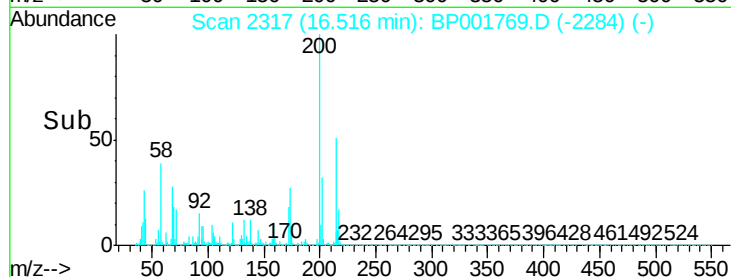
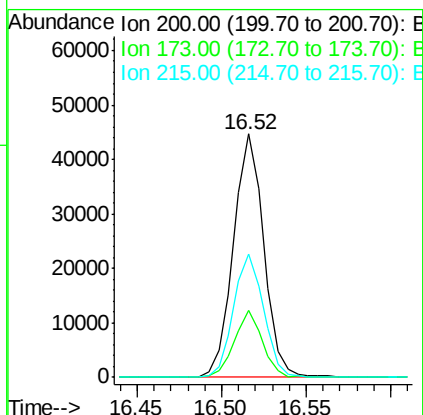
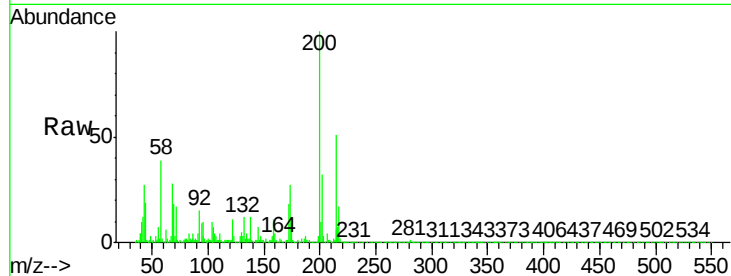




#68
Atrazine
Concen: 2.534 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

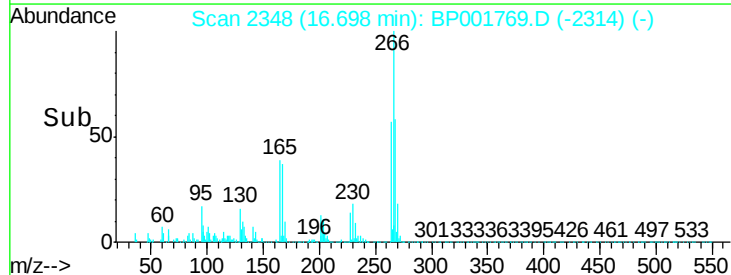
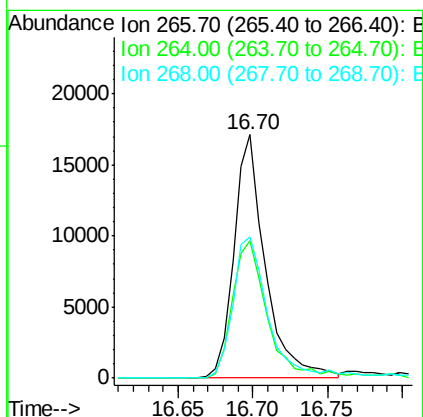
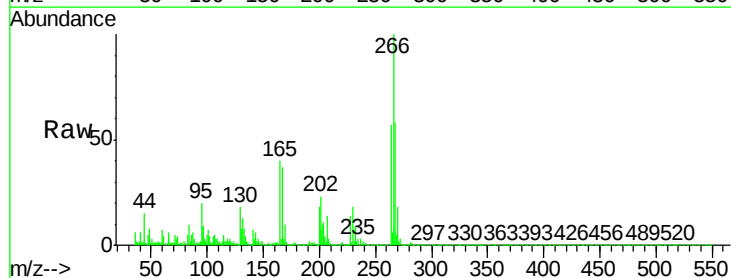
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

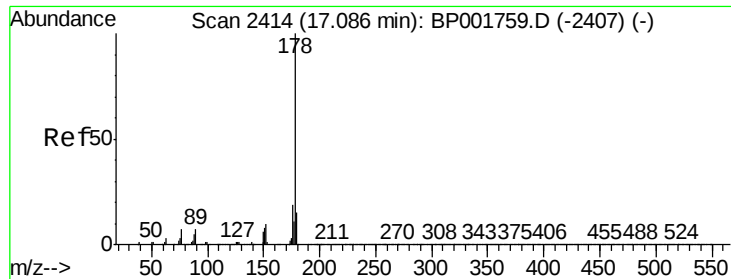
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	21.0	31.4
215	50.8	38.9	58.3



#69
Pentachlorophenol
Concen: 1.927 ng/ul
RT: 16.70 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

Tgt Ion	Ratio	Lower	Upper
266	100		
264	56.6	51.1	76.7
268	58.0	51.5	77.3





#70

Phenanthrene

Concen: 3.291 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

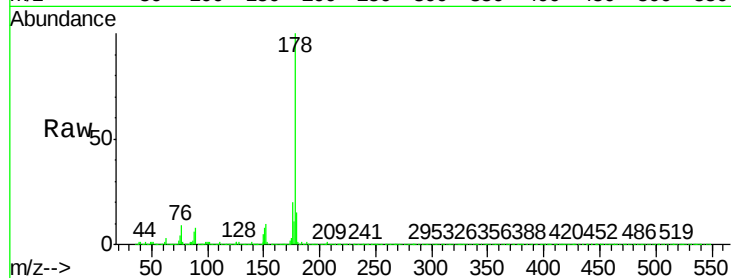
Tot Ion:178 Resp: 386009

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

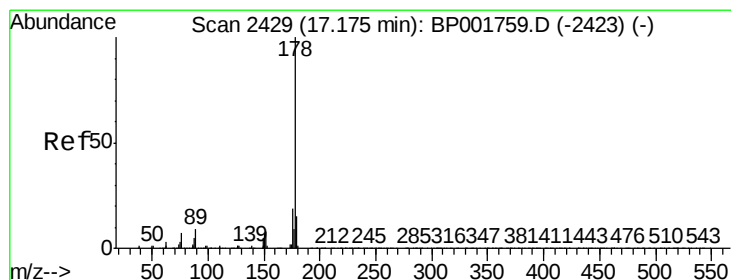
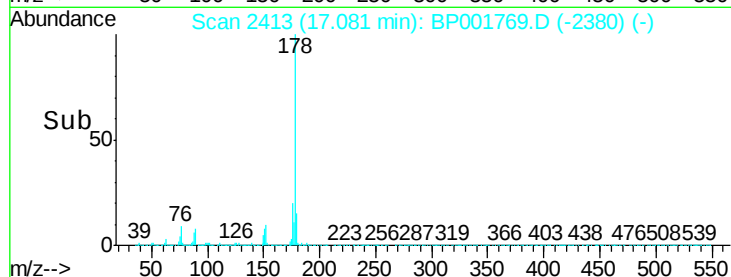
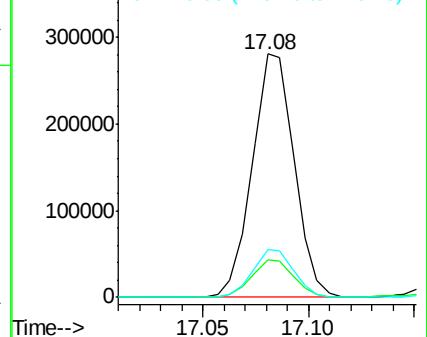
176 19.9 15.3 22.9



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: 3.322 ng/ul

RT: 17.17 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

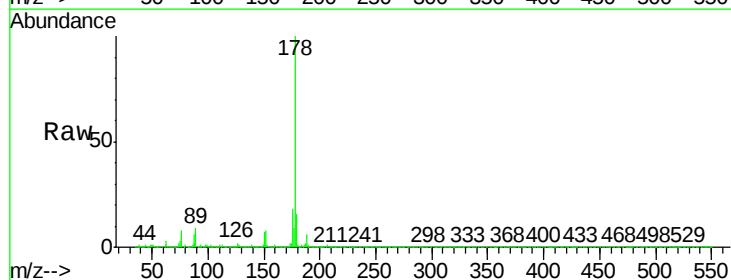
Tgt Ion:178 Resp: 384926

Ion Ratio Lower Upper

178 100

179 16.1 12.4 18.6

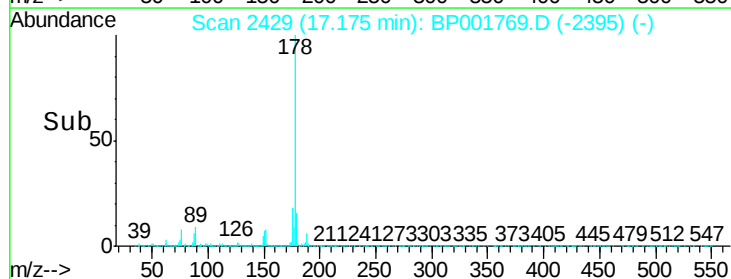
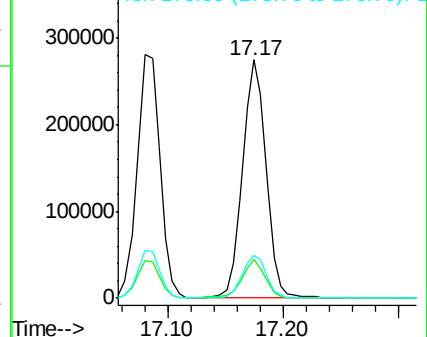
176 18.1 14.8 22.2

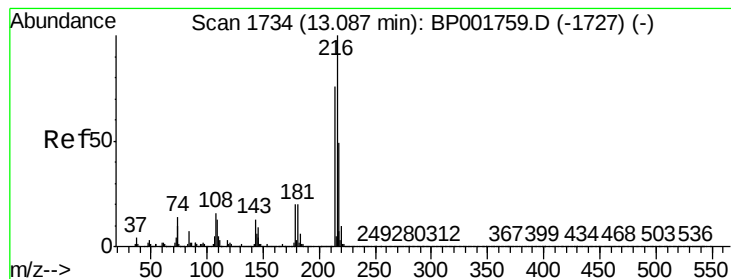


Abundance Ion 178.00 (177.70 to 178.70): E

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: 3.352 ng/uL

RT: 13.09 min Scan# 1734

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

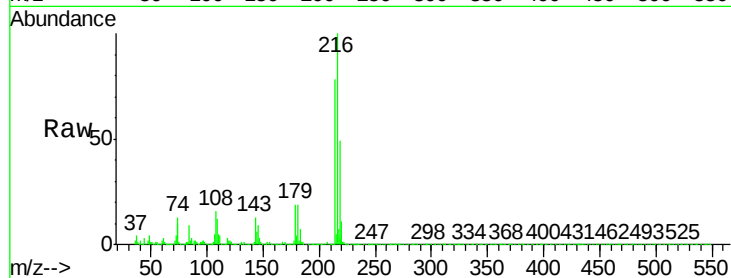
Tot Ion:216 Resp: 116878

Ion Ratio Lower Upper

216 100

214 77.7 60.9 91.3

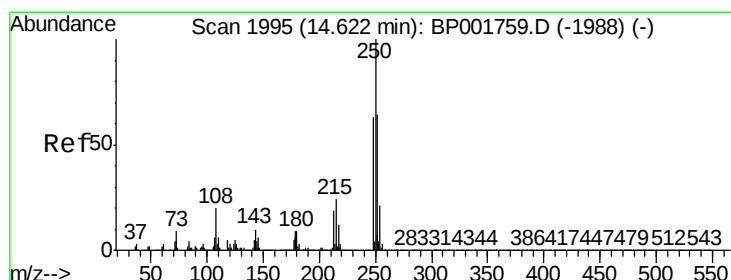
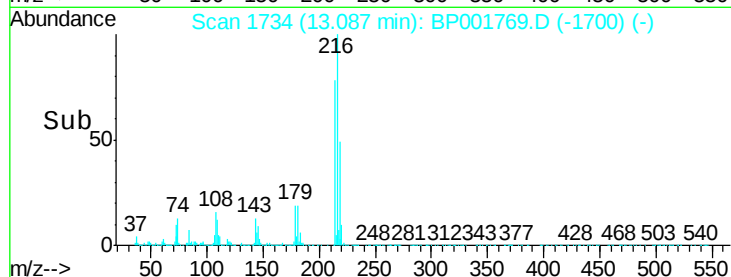
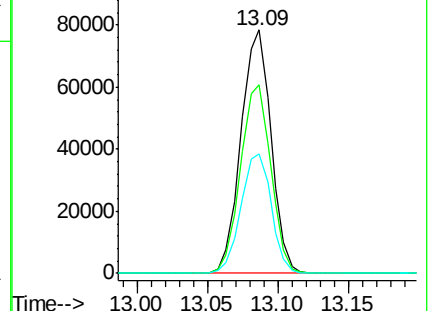
218 49.3 39.0 58.6



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: 3.066 ng/uL

RT: 14.62 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

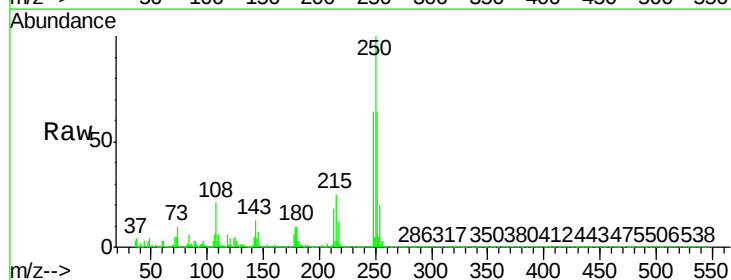
Tgt Ion:250 Resp: 104191

Ion Ratio Lower Upper

250 100

248 63.8 50.6 76.0

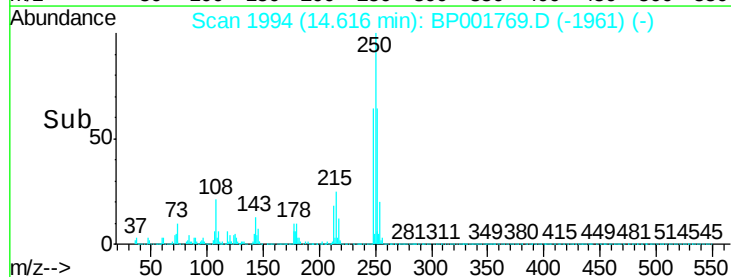
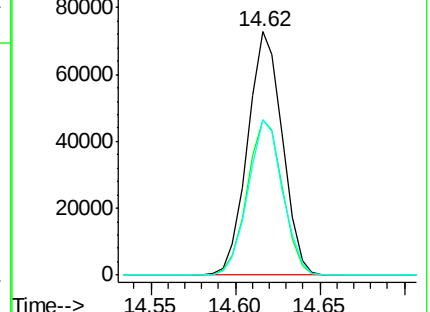
252 63.8 51.5 77.3

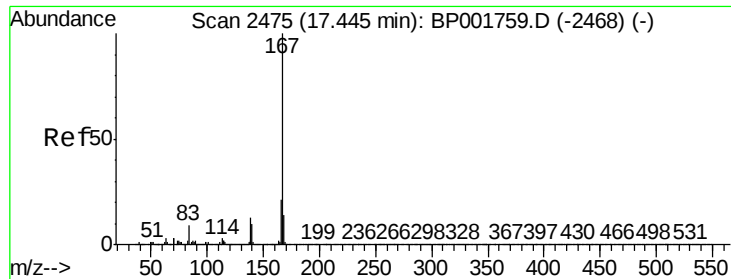


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#75

Carbazole

Concen: 3.145 ng/ul

RT: 17.45 min Scan# 2475

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

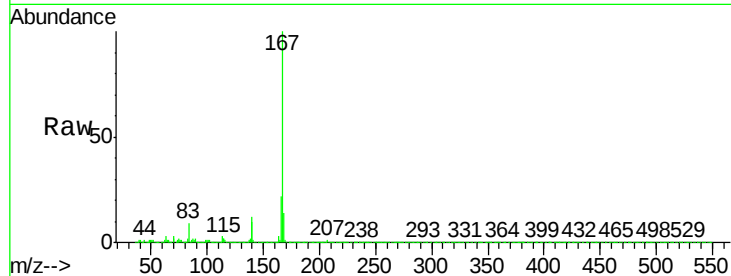
Tot Ion:167 Resp: 303878

Ion Ratio Lower Upper

167 100

166 21.6 17.1 25.7

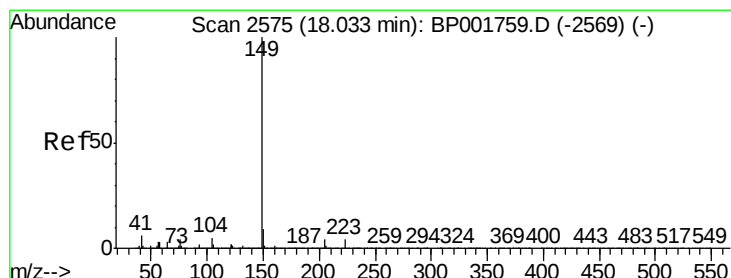
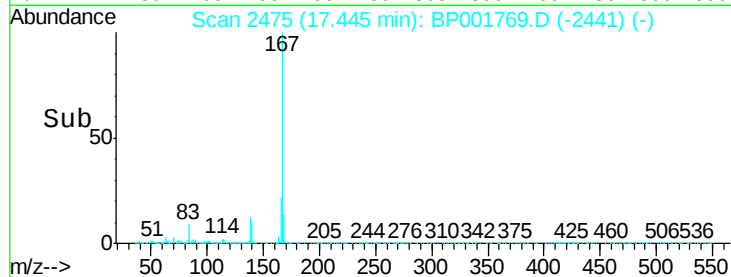
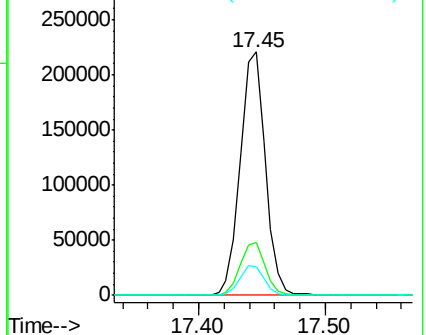
139 11.9 10.2 15.2



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: 2.577 ng/ul

RT: 18.03 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

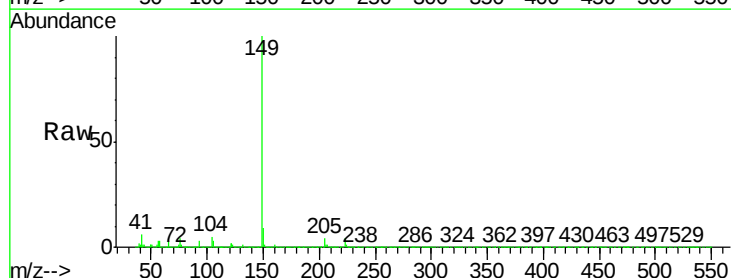
Tgt Ion:149 Resp: 273993

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

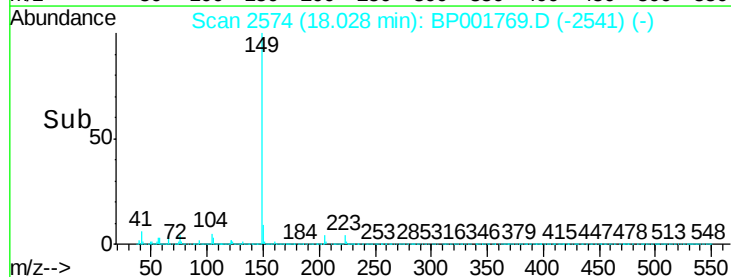
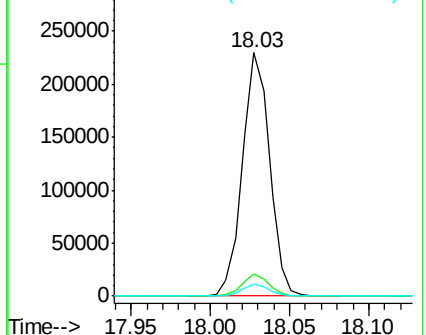
104 4.8 3.6 5.4

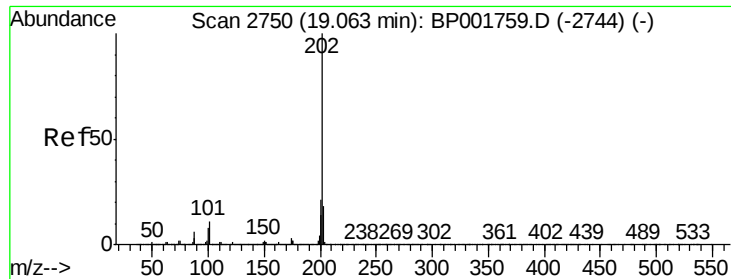


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 3.275 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

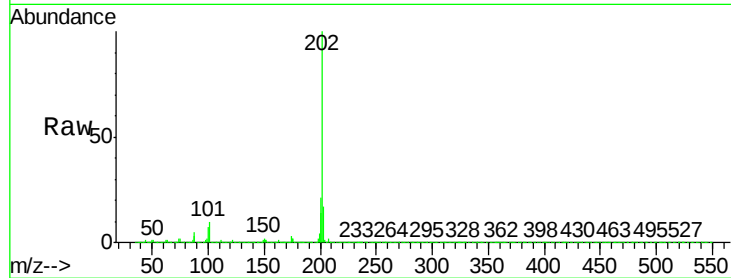
Tot Ion:202 Resp: 411359

Ion Ratio Lower Upper

202 100

101 9.9 9.1 13.7

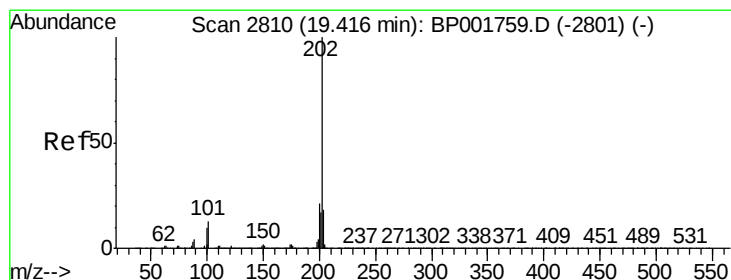
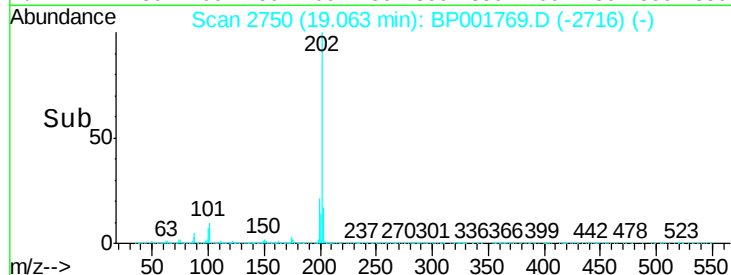
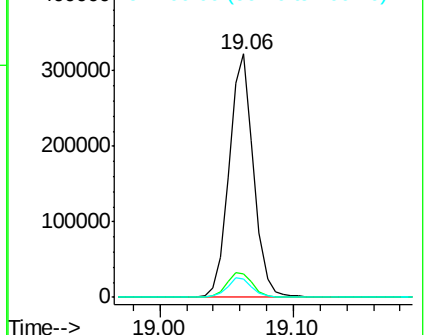
100 7.3 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 3.262 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

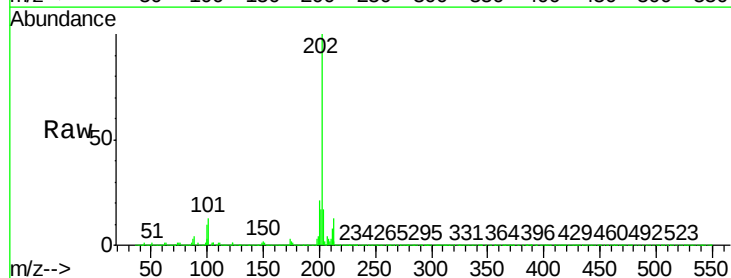
Tgt Ion:202 Resp: 483782

Ion Ratio Lower Upper

202 100

101 13.0 10.2 15.2

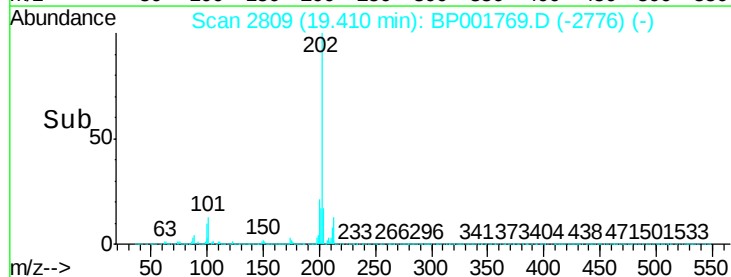
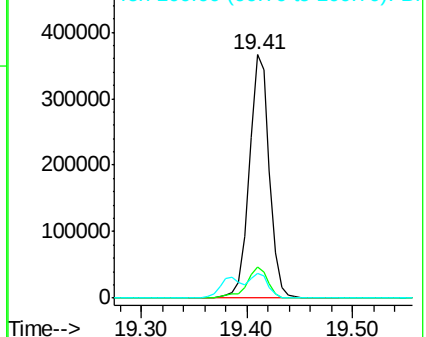
100 10.3 8.2 12.2

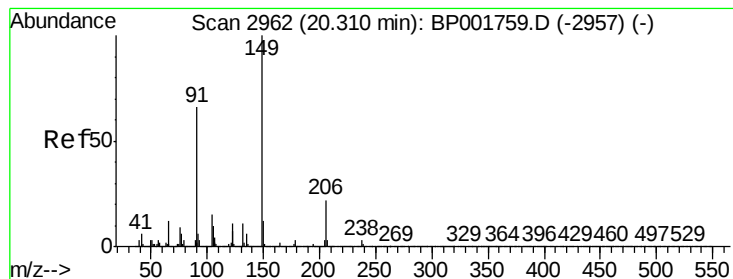


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

Butylbenzylphthalate

Concen: 2.068 ng/ul

RT: 20.30 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

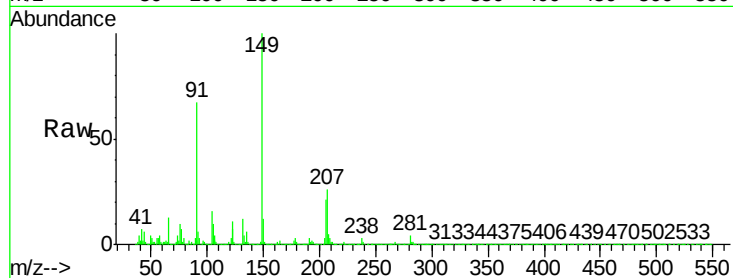
Tot Ion:149 Resp: 95213

Ion Ratio Lower Upper

149 100

91 67.0 53.0 79.4

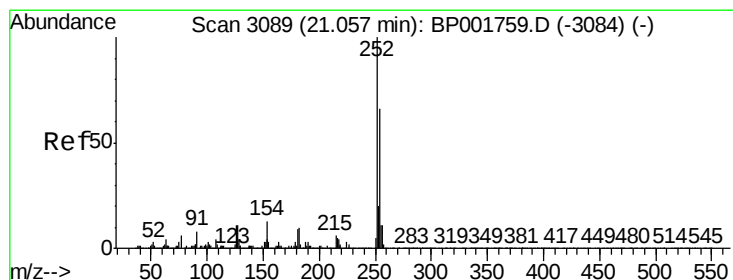
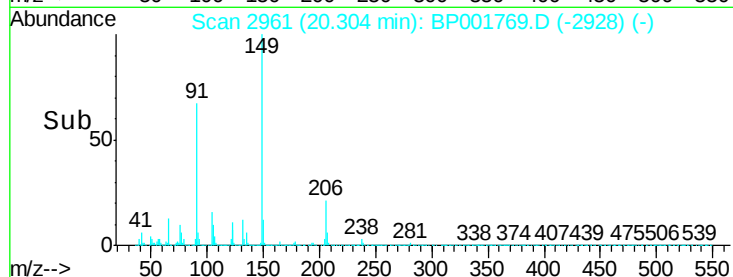
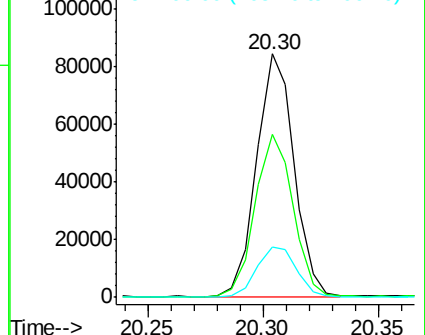
206 20.8 17.6 26.4



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: 2.135 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

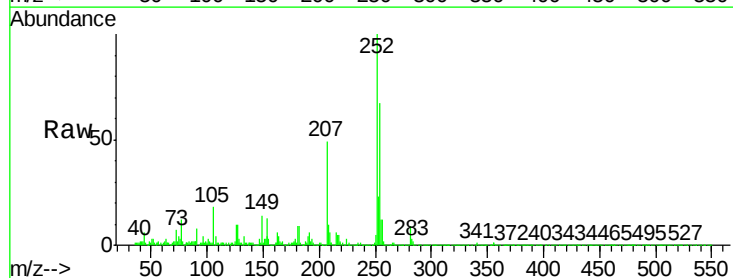
Tgt Ion:252 Resp: 100666

Ion Ratio Lower Upper

252 100

254 67.3 52.6 78.8

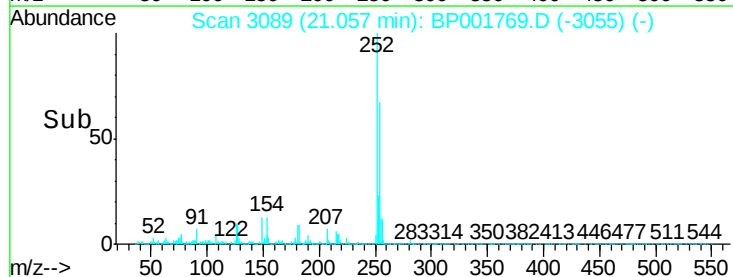
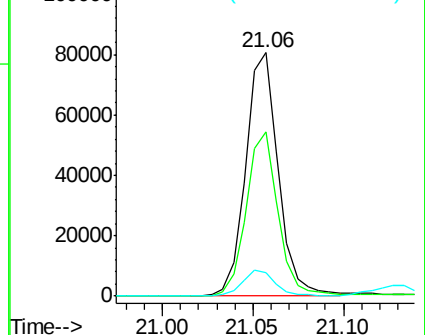
126 9.7 8.6 13.0

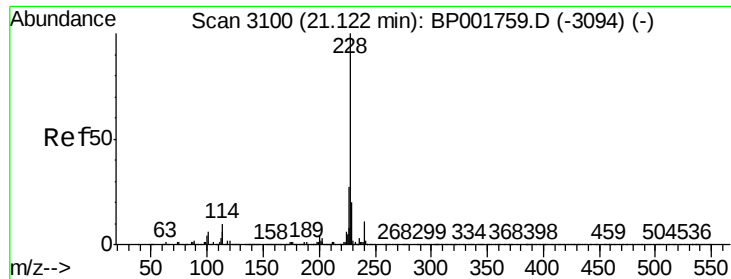


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Benzo(a)anthracene

Concen: 3.143 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

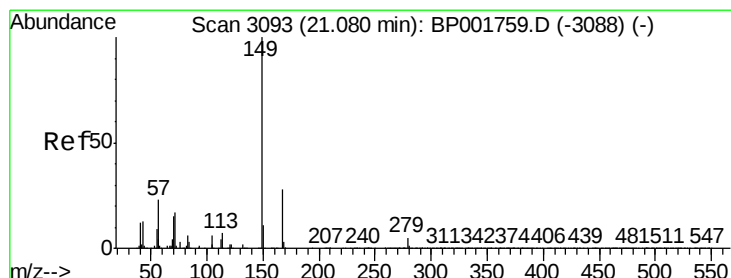
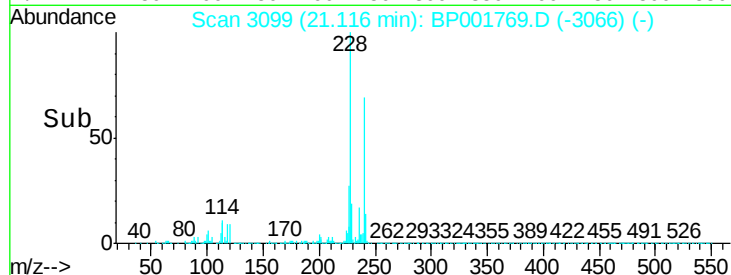
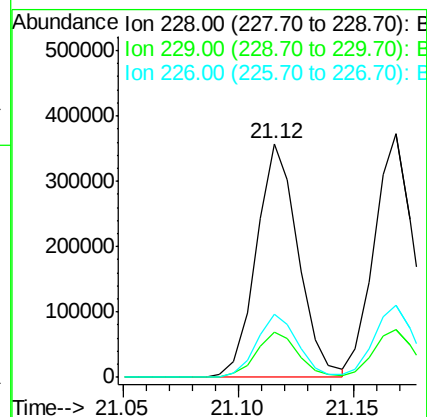
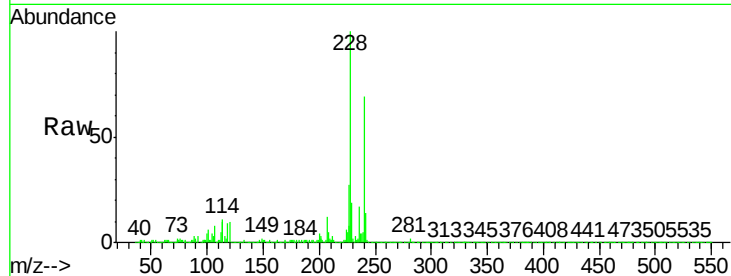
Tot Ion:228 Resp: 451309

Ion Ratio Lower Upper

228 100

229 19.4 16.2 24.4

226 26.7 22.0 33.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.816 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

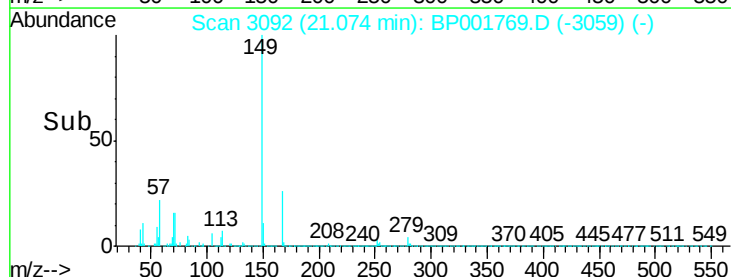
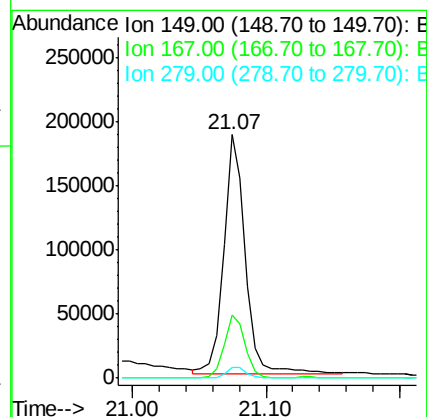
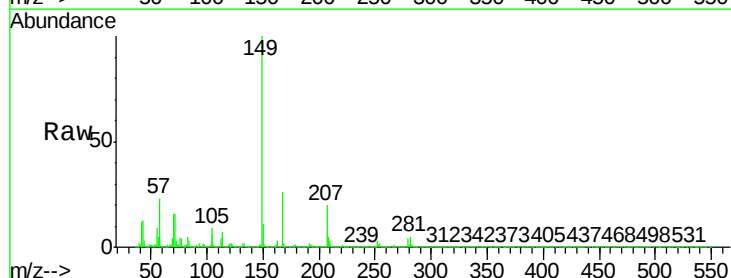
Tgt Ion:149 Resp: 214806

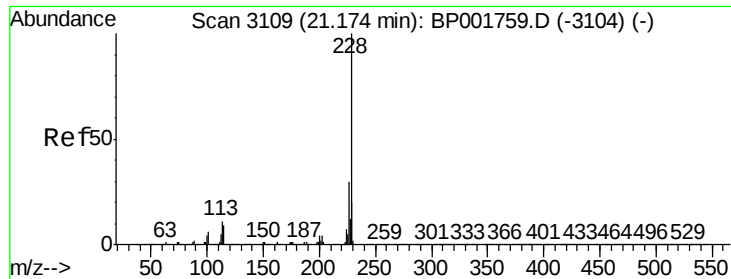
Ion Ratio Lower Upper

149 100

167 26.2 22.6 34.0

279 4.3 3.6 5.4

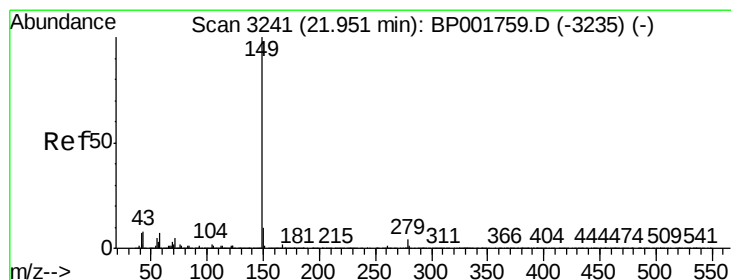
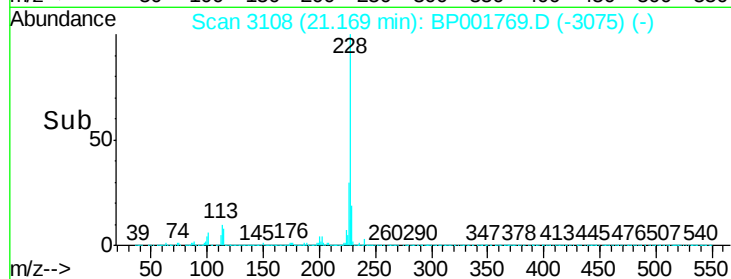
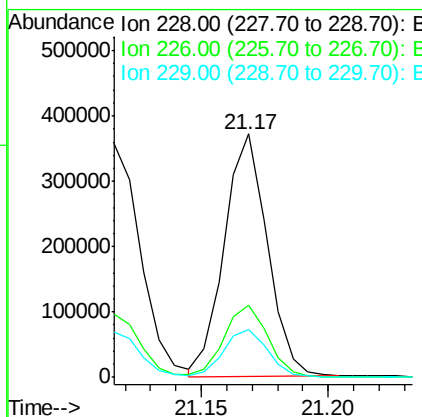
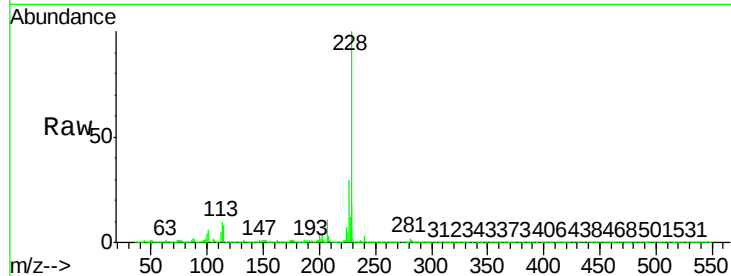




#85
 Chrysene
 Concen: 3.116 ng/ul
 RT: 21.17 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

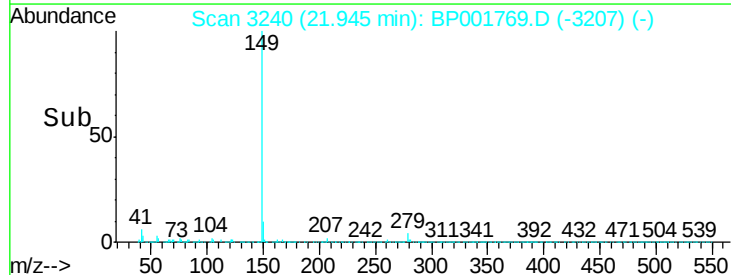
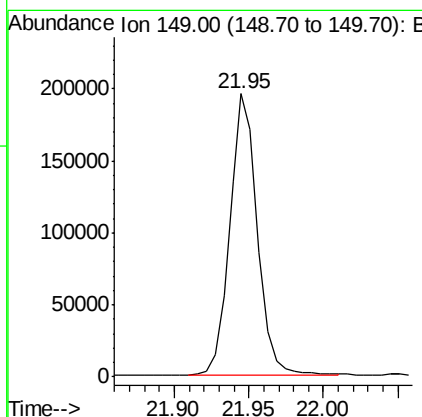
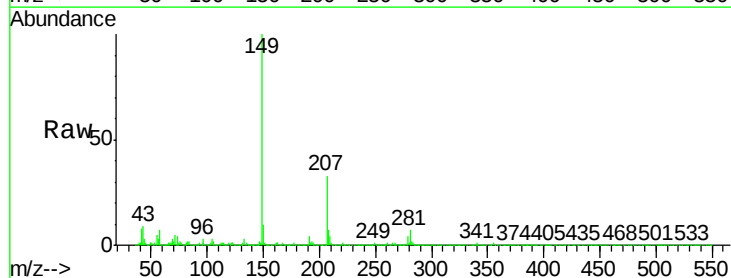
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-05

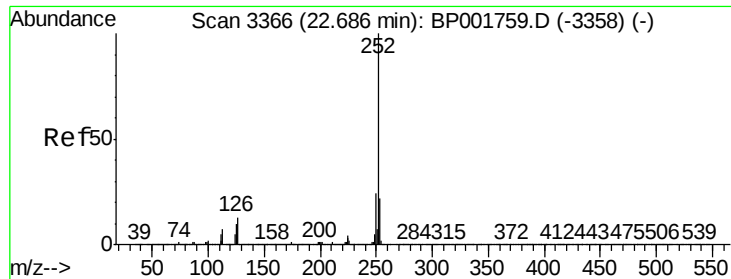
Tot Ion:228 Resp: 437146
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.2
 229 19.4 15.7 23.5



#87
 Di-n-octyl phthalate
 Concen: 2.181 ng/ul
 RT: 21.95 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BP001769.D
 Acq: 18 Feb 2020 20:37

Tgt Ion:149 Resp: 251732

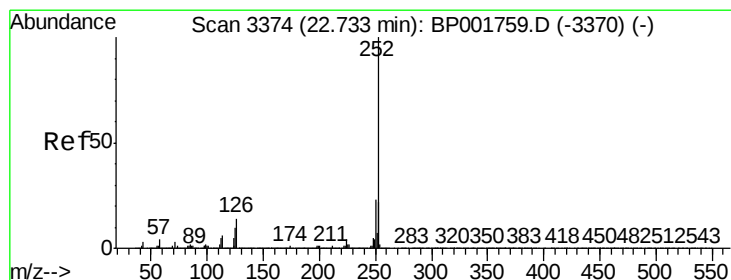
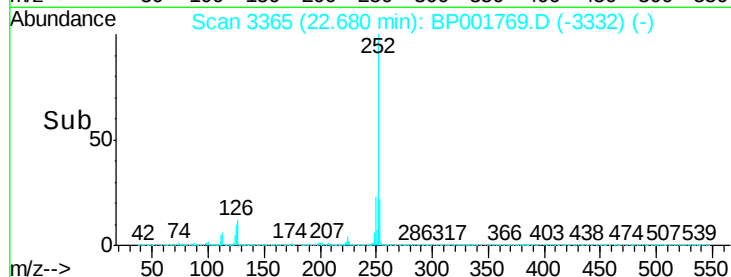
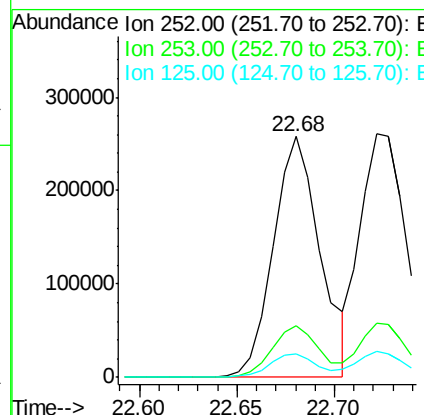
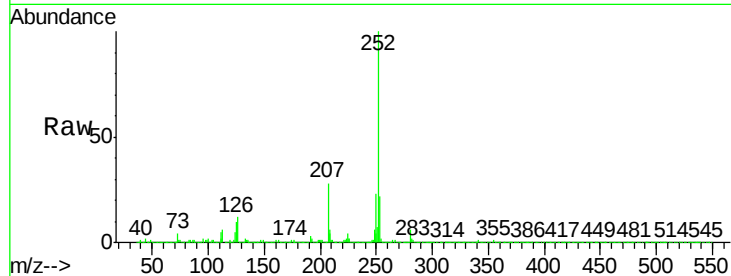




#88
Benzo(b)fluoranthene
Concen: 3.148 ng/ul
RT: 22.68 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

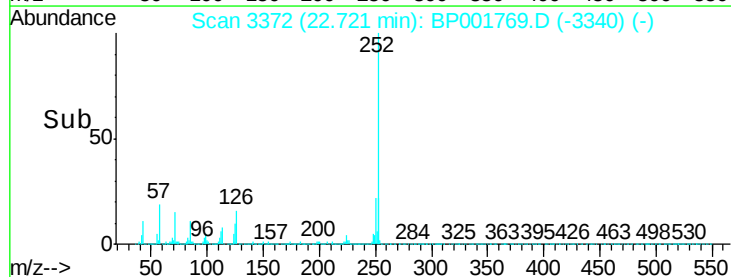
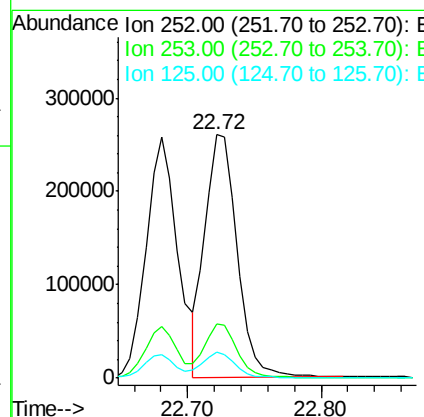
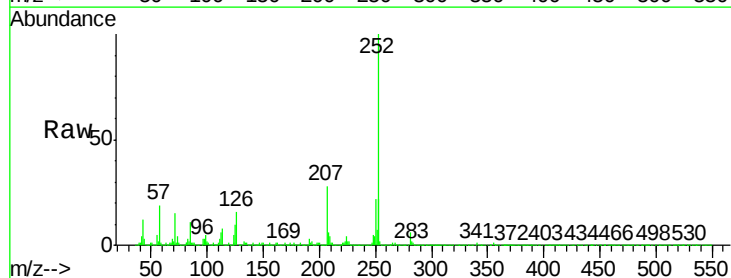
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

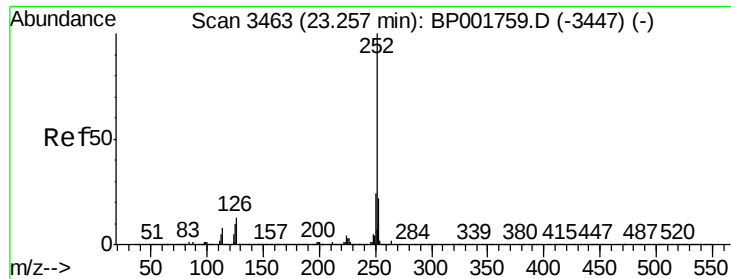
Tot Ion:252 Resp: 426941
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.8 7.8 11.6



#89
Benzo(k)fluoranthene
Concen: 3.111 ng/ul
RT: 22.72 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

Tgt Ion:252 Resp: 437425
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.4 8.0 12.0

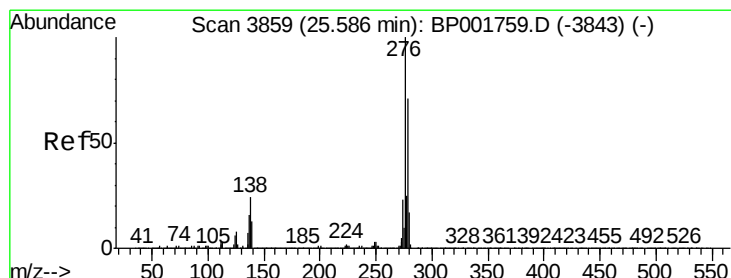
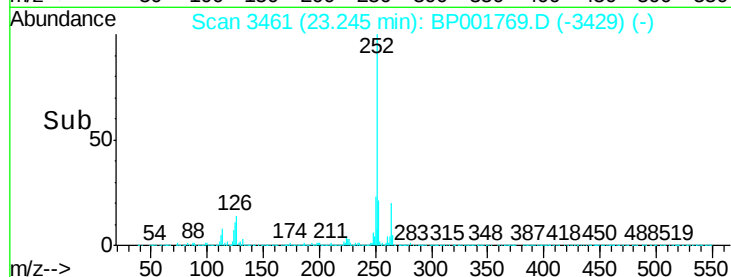
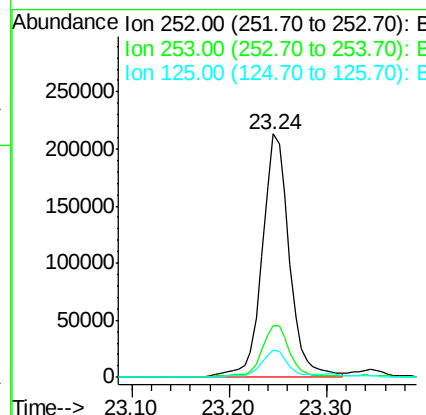
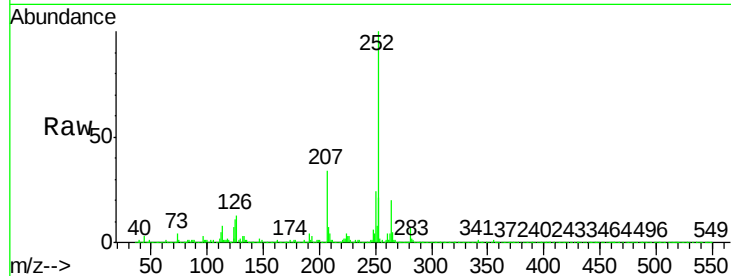




#91
Benzo(a)pyrene
Concen: 3.275 ng/ul
RT: 23.24 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

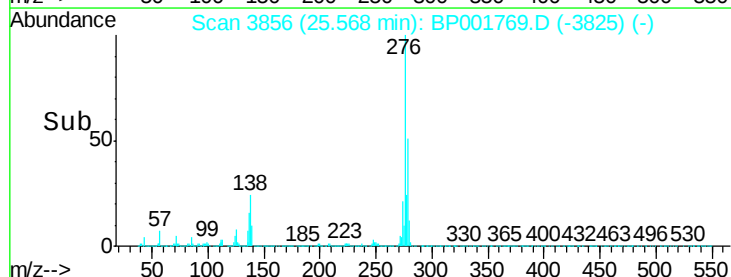
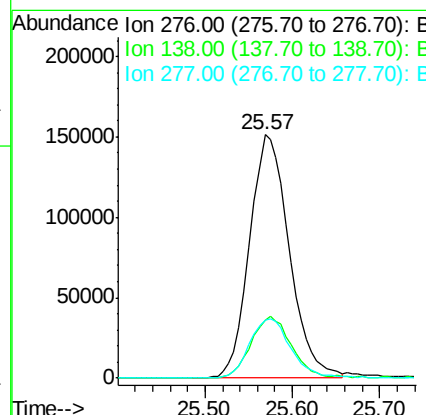
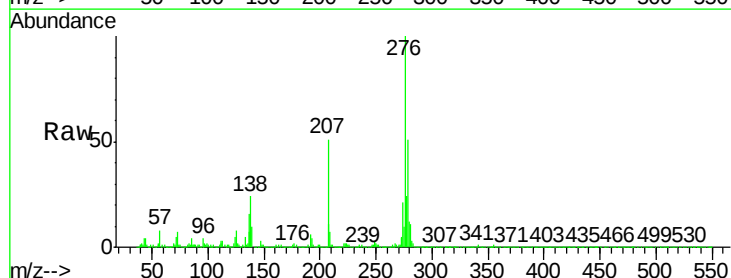
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-05

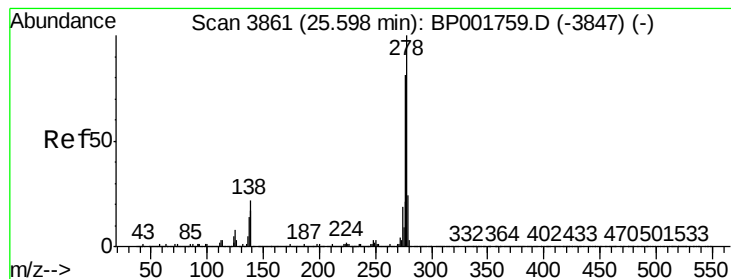
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	11.2	8.3	12.5



#92
Indeno(1,2,3-cd)pyrene
Concen: 2.955 ng/ul
RT: 25.57 min Scan# 3856
Delta R.T. -0.02 min
Lab File: BP001769.D
Acq: 18 Feb 2020 20:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.3	28.9
277	23.6	20.0	30.0





#93

Dibenzo(a,h)anthracene

Concen: 3.057 ng/ul

RT: 25.59 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-05

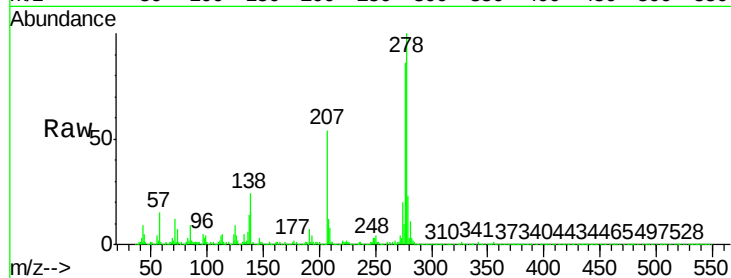
Tot Ion:278 Resp: 407713

Ion Ratio Lower Upper

278 100

139 15.5 13.3 19.9

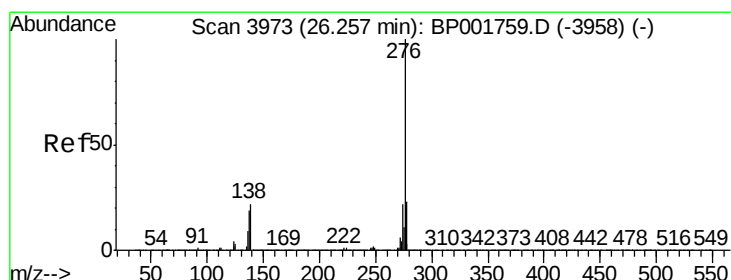
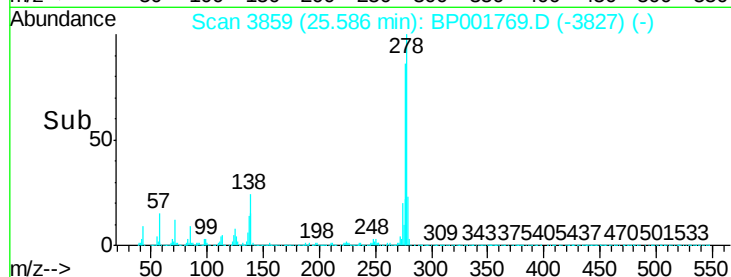
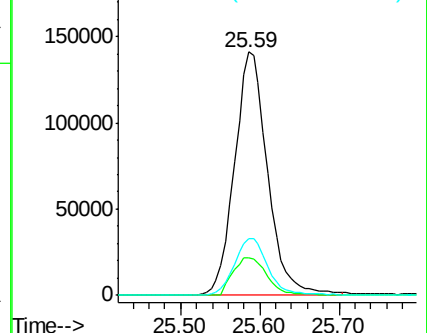
279 23.4 19.3 28.9



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: 2.930 ng/ul

RT: 26.24 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BP001769.D

Acq: 18 Feb 2020 20:37

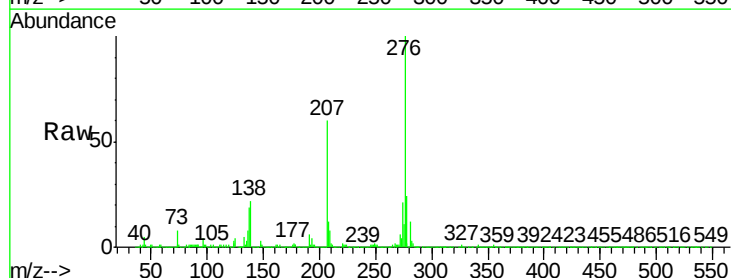
Tgt Ion:276 Resp: 395551

Ion Ratio Lower Upper

276 100

138 22.0 17.7 26.5

277 23.9 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

