

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120720\
 Data File : BP004178.D
 Acq On : 07 Dec 2020 12:26
 Operator : CG/JU
 Sample : L4485-04
 Misc : MDL-SOIL--04
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-04

Quant Time: Dec 07 12:54:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 12:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	427342	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1807304	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1125901	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2435035	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2471874	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2589804	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	53899	4.85	ng/uL	0.00
4) Pyridine-d5	3.74	84	718541	22.74	ng/ul	0.00
7) Phenol-d5	7.00	99	1125734	29.47	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	743549	33.67	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	860040	28.93	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	902047	29.97	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	460987	31.28	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	361811	26.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	818344	27.64	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1247401	28.71	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	2755806	30.82	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	3548612	32.30	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	375683	25.67	ng/ul	0.00
60) Fluorene-d10	15.49	176	2362802	30.22	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	238778	24.13	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3626246	30.30	ng/ul	0.00
81) Pyrene-d10	19.59	212	4110802	31.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4004675	28.79	ng/ul	-0.01

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.38	88	9417	0.781	ng/uL# 72
5) Pyridine	3.76	79	98143	3.072	ng/ul# 44
6) Benzaldehyde	6.99	77	83026	4.891	ng/ul 99
8) Phenol	7.03	94	106254	2.718	ng/ul 95
10) Bis(2-Chloroethyl)ether	7.27	93	96802	3.086	ng/ul 98
12) 2-Chlorophenol	7.41	128	80480	2.678	ng/ul 96
13) 2-Methylphenol	8.28	108	68332	2.297	ng/ul 98
14) 2,2'-oxybis(1-Chloropropan	8.38	45	115640	3.095	ng/ul 98
16) Acetophenone	8.66	105	137164	2.941	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.65	70	64847	2.648	ng/ul 99
18) 4-Methylphenol	8.60	108	83082	2.620	ng/ul 98
19) Hexachloroethane	8.93	117	37116	2.884	ng/ul 98
22) Nitrobenzene	9.04	77	106306	2.960	ng/ul 98
23) Isophorone	9.56	82	176200	2.428	ng/ul 96
25) 2-Nitrophenol	9.75	139	36769	2.551	ng/ul 96
26) 2,4-Dimethylphenol	9.81	107	84642	2.421	ng/ul 99
27) Bis(2-Chloroethoxy)methane	10.05	93	118855	2.753	ng/ul 100
29) 2,4-Dichlorophenol	10.28	162	75420	2.637	ng/ul# 84
30) Naphthalene	10.69	128	294346	2.913	ng/ul 100
32) 4-Chloroaniline	10.79	127	114879	2.769	ng/ul 98
33) Hexachlorobutadiene	10.99	225	57473	2.800	ng/ul 98
34) Caprolactam	11.57	113	16206	1.536	ng/ul 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	61913	1.950	ng/ul	100
36) 2-Methylnaphthalene	12.30	142	199286	2.800	ng/ul	99
37) 1-Methylnaphthalene	12.53	142	190030	2.777	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	111223	2.942	ng/ul	98
40) Hexachlorocyclopentadiene	12.66	237	48486	2.051	ng/ul	97
41) 2,4,6-Trichlorophenol	12.91	196	41549	1.908	ng/ul	98
42) 2,4,5-Trichlorophenol	12.98	196	43072	1.837	ng/ul	97
43) 1,1'-Biphenyl	13.32	154	265257	2.946	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	211249	2.959	ng/ul	98
45) 2-Nitroaniline	13.56	65	33601	1.917	ng/ul	93
47) Dimethylphthalate	13.95	163	253082	2.788	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	32819	1.992	ng/ul	89
50) Acenaphthylene	14.21	152	312553	2.871	ng/ul	99
51) 3-Nitroaniline	14.39	138	34235	2.226	ng/ul	97
52) Acenaphthene	14.56	153	216932	2.824	ng/ul	98
53) 2,4-Dinitrophenol	14.59	184	8720	1.373	ng/ul#	73
55) 4-Nitrophenol	14.69	109	27730	2.519	ng/ul	91
56) Dibenzofuran	14.89	168	309429	2.906	ng/ul	98
57) 2,4-Dinitrotoluene	14.85	165	50666	2.251	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.12	232	36990	1.934	ng/ul#	92
59) Diethylphthalate	15.32	149	224586	2.451	ng/ul	99
61) Fluorene	15.55	166	255225	2.889	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.54	204	130289	2.827	ng/ul	99
63) 4-Nitroaniline	15.55	138	38133	2.623	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.61	198	26542	2.404	ng/ul#	56
67) N-Nitrosodiphenylamine	15.75	169	202074	2.697	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	74843	2.568	ng/ul	96
69) Hexachlorobenzene	16.55	284	92921	2.859	ng/ul	97
70) Atrazine	16.71	200	56480	1.929	ng/ul	98
71) Pentachlorophenol	16.89	266	24496	1.578	ng/ul	95
72) Phenanthrene	17.29	178	412245	2.943	ng/ul	98
74) Anthracene	17.39	178	406480	2.848	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	110336	2.985	ng/ul	98
76) Pentachlorobenzene	14.81	250	107249	2.871	ng/ul	99
77) Carbazole	17.65	167	309521	2.554	ng/ul	99
78) Di-n-butylphthalate	18.22	149	283438	1.794	ng/ul	99
80) Fluoranthene	19.26	202	430034	2.612	ng/ul	100
82) Pyrene	19.62	202	499305	2.985	ng/ul	99
83) Butylbenzylphthalate	20.50	149	88600	1.304	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	81110	1.446	ng/ul	98
85) Benzo(a)anthracene	21.33	228	453915	2.730	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.27	149	138502	1.351	ng/ul	98
87) Chrysene	21.38	228	460468	2.891	ng/ul	98
89) Di-n-octyl phthalate	22.19	149	196696	1.271	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	409466	2.455	ng/ul	100
91) Benzo(k)fluoranthene	23.04	252	475711	2.945	ng/ul	98
93) Benzo(a)pyrene	23.60	252	432350	2.823	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.14	276	470772	2.400	ng/ul	99
95) Dibenzo(a,h)anthracene	26.16	278	406027	2.480	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	397326	2.414	ng/ul	100

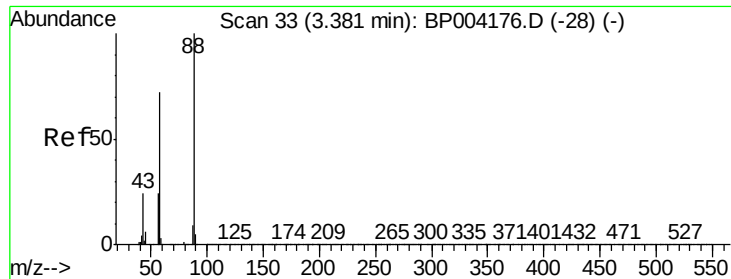
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 0.781 ng/uL

RT: 3.38 min Scan# 33

Delta R.T. 0.00 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

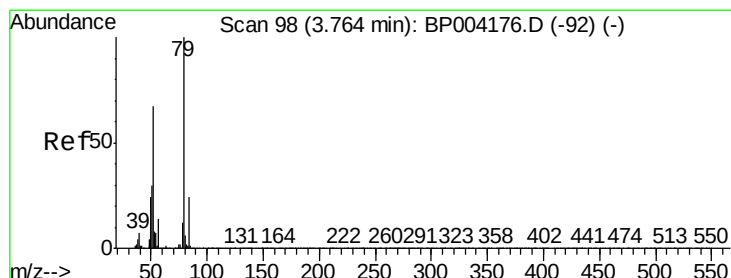
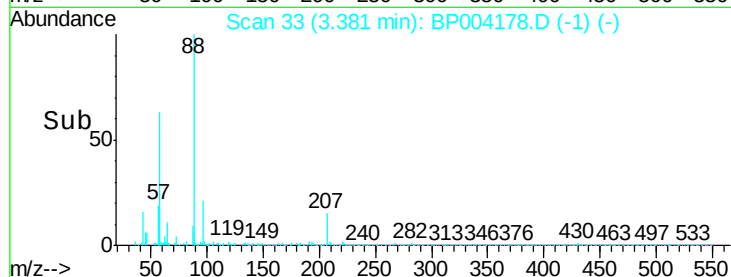
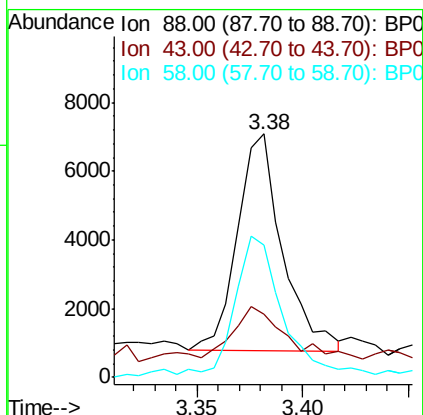
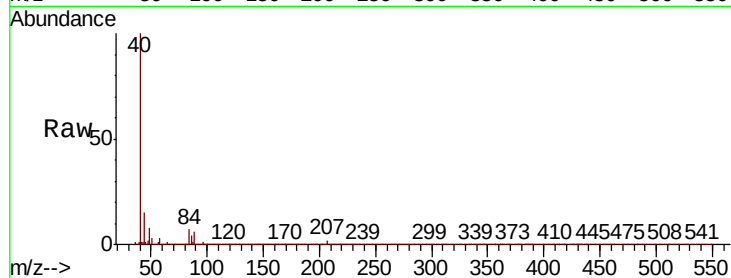
Tot Ion: 88 Resp: 9417

Ion Ratio Lower Upper

88 100

43 25.7 42.5 63.7#

58 54.5 57.0 85.4#



#5

Pyridine

Concen: 3.072 ng/uL

RT: 3.76 min Scan# 97

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

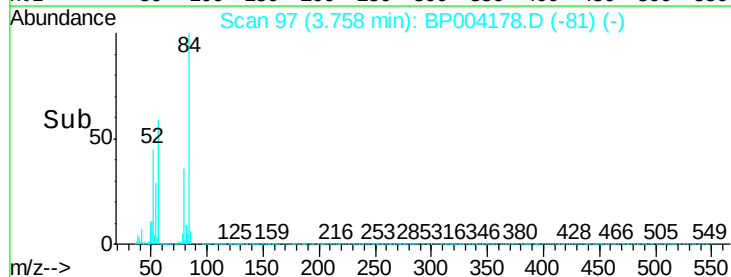
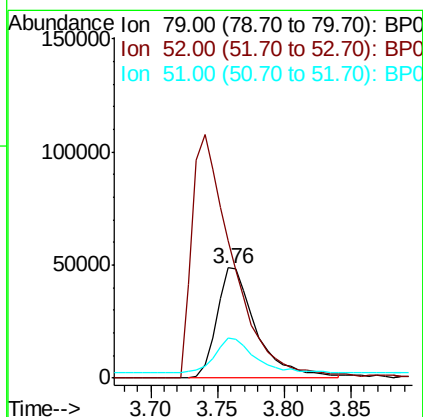
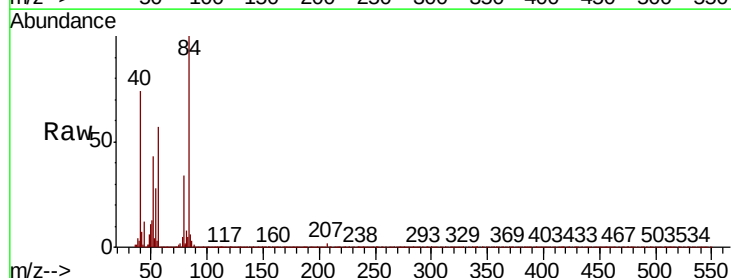
Tgt Ion: 79 Resp: 98143

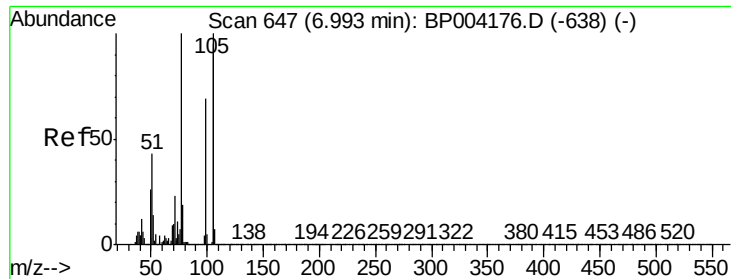
Ion Ratio Lower Upper

79 100

52 124.1 51.4 77.0#

51 36.6 24.0 36.0#





#6

Benzaldehyde

Concen: 4.891 ng/ul

RT: 6.99 min Scan# 646

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

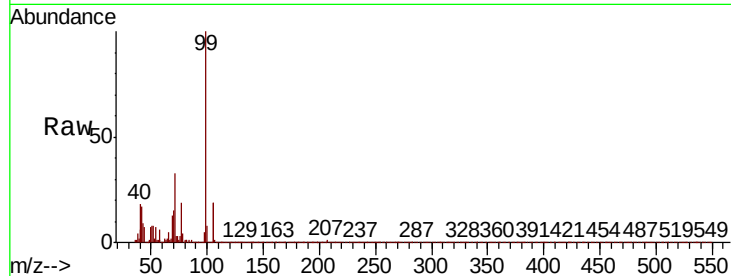
Tot Ion: 77 Resp: 83026

Ion Ratio Lower Upper

77 100

105 99.0 79.8 119.8

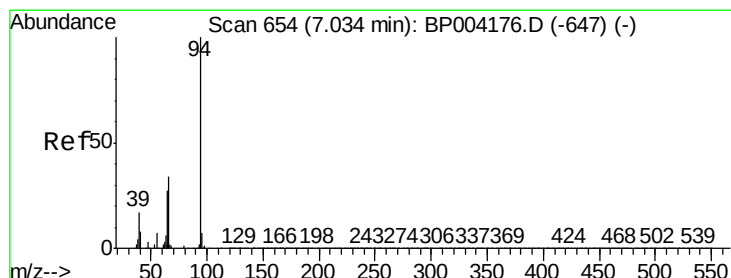
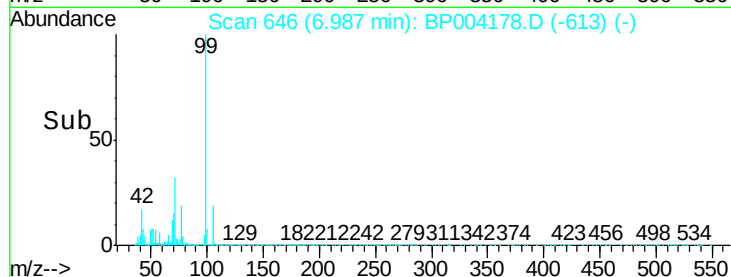
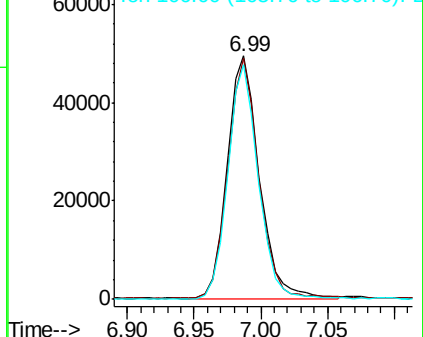
106 96.1 75.2 112.8



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#8

Phenol

Concen: 2.718 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

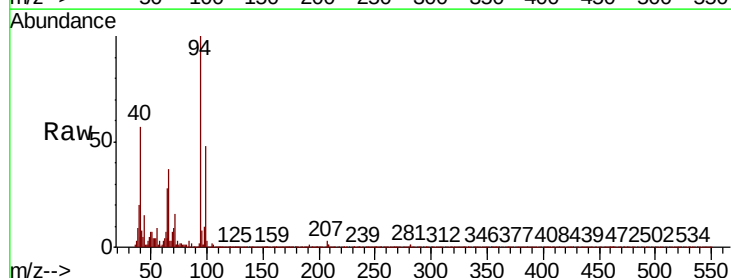
Tgt Ion: 94 Resp: 106254

Ion Ratio Lower Upper

94 100

65 28.3 20.8 31.2

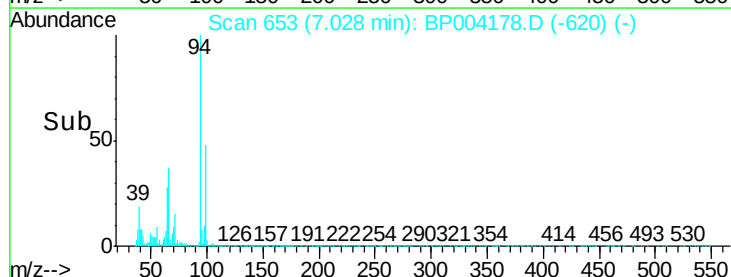
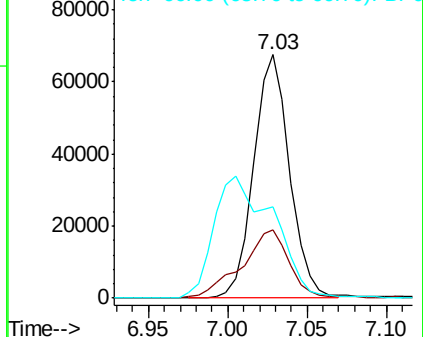
66 37.4 27.0 40.6

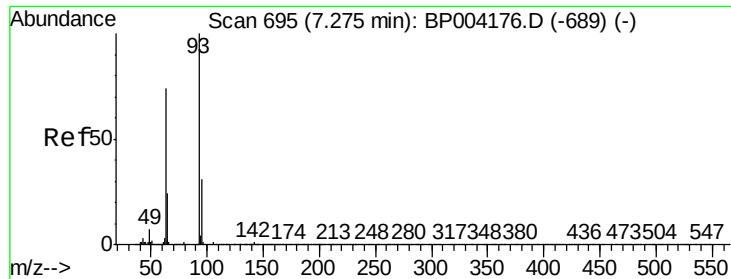


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

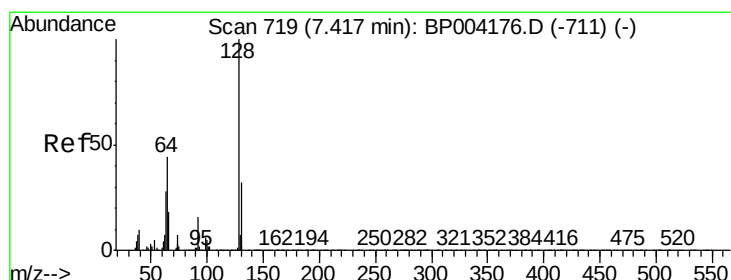
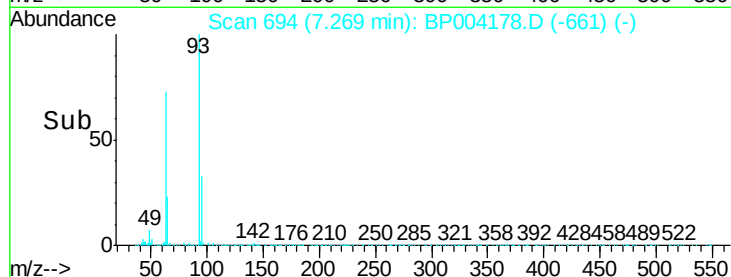
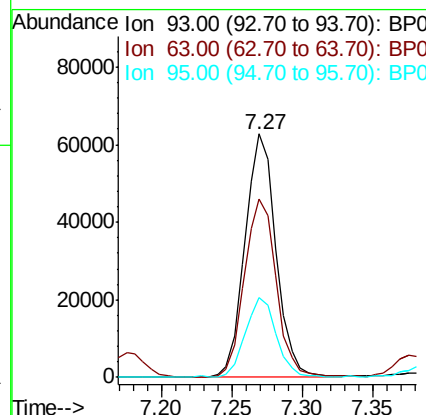
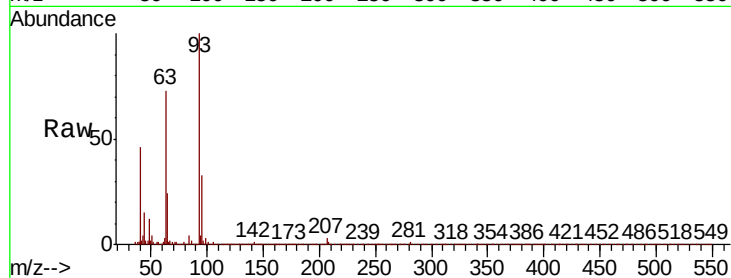




#10
Bis(2-Chloroethyl)ether
Concen: 3.086 ng/ul
RT: 7.27 min Scan# 694
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

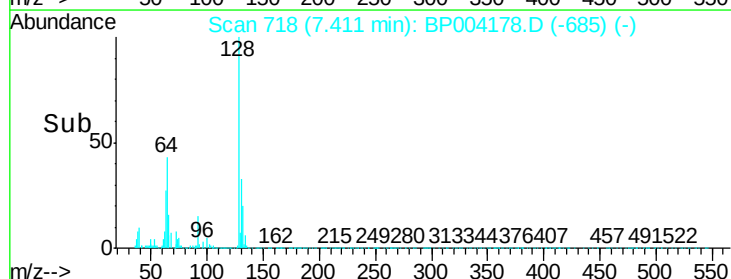
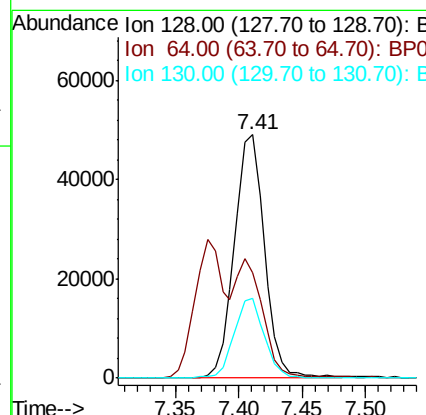
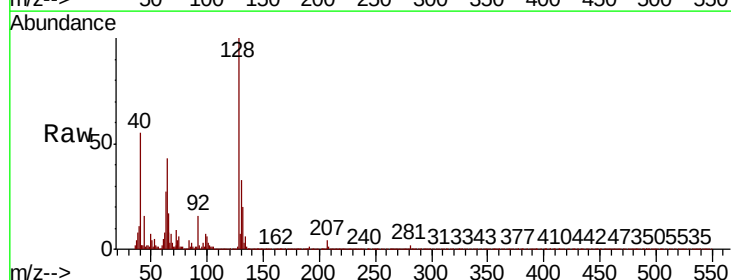
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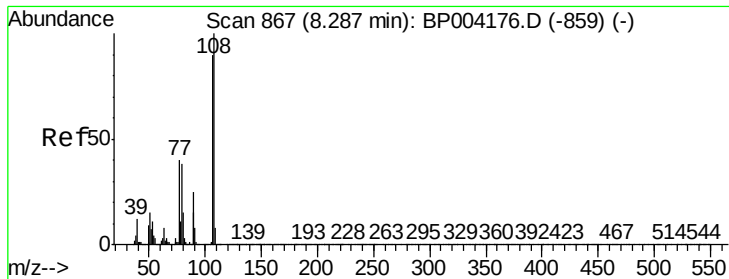
Tot Ion:	93	Resp:	96802
Ion	Ratio	Lower	Upper
93	100		
63	73.3	57.0	85.4
95	32.5	26.8	40.2



#12
2-Chlorophenol
Concen: 2.678 ng/ul
RT: 7.41 min Scan# 718
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion:	128	Resp:	80480
Ion	Ratio	Lower	Upper
128	100		
64	43.4	37.4	56.0
130	32.8	25.4	38.2

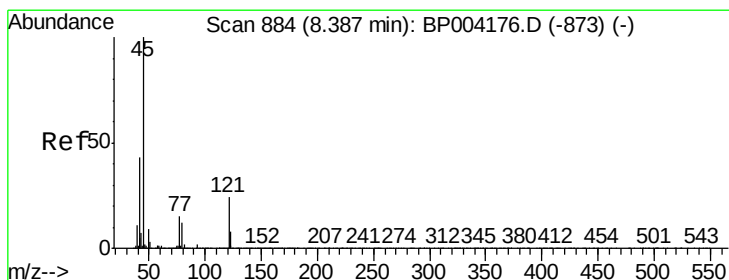
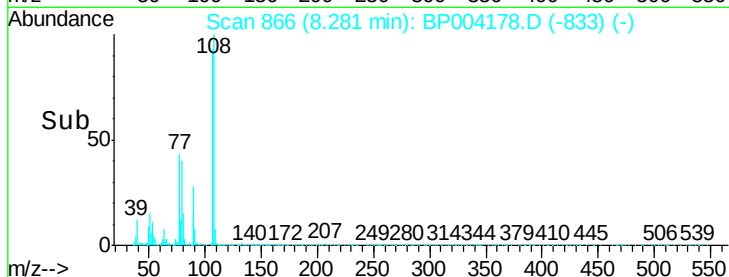
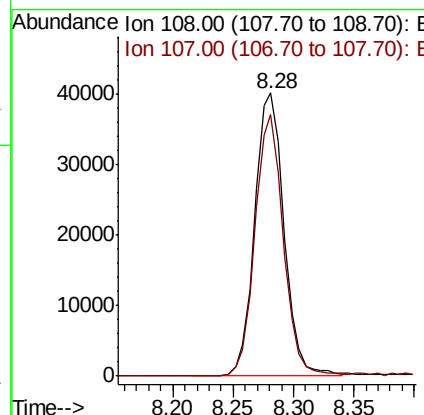
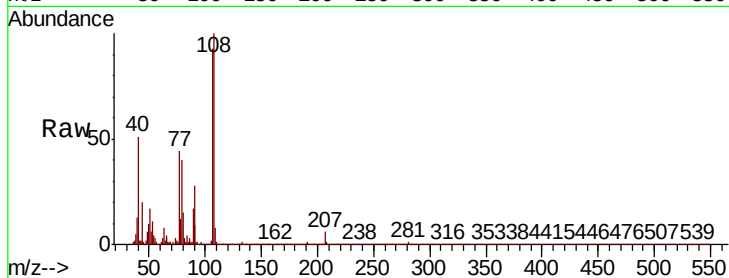




#13
2-Methylphenol
Concen: 2.297 ng/ul
RT: 8.28 min Scan# 866
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

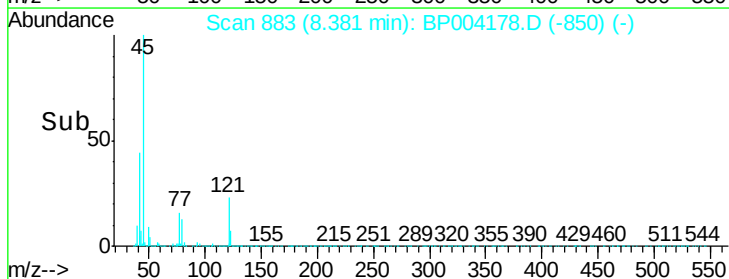
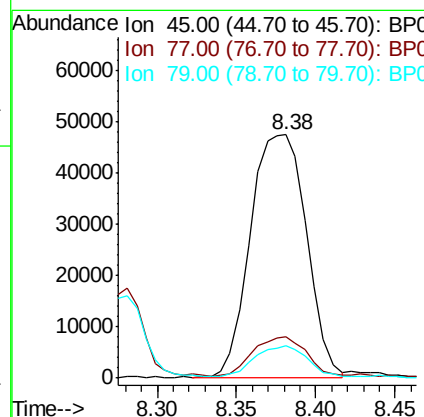
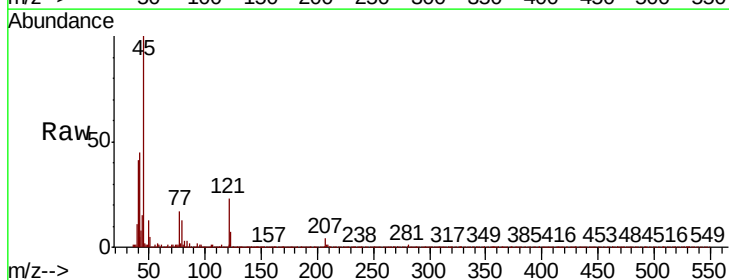
Instrument :
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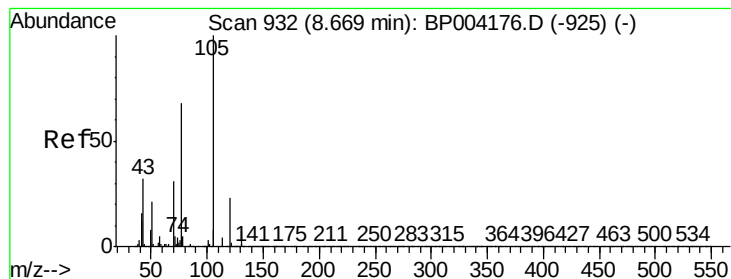
Tot Ion:108 Resp: 68332
Ion Ratio Lower Upper
108 100
107 92.6 72.7 109.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.095 ng/ul
RT: 8.38 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion: 45 Resp: 115640
Ion Ratio Lower Upper
45 100
77 16.8 14.2 21.4
79 13.2 11.4 17.2





#16

Acetophenone

Concen: 2.941 ng/ul

RT: 8.66 min Scan# 931

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

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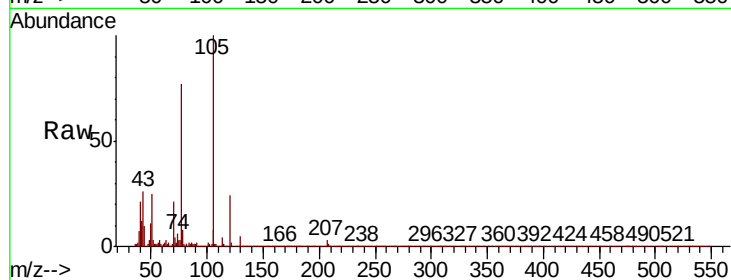
Tot Ion:105 Resp: 137164

Ion Ratio Lower Upper

105 100

77 76.7 60.9 91.3

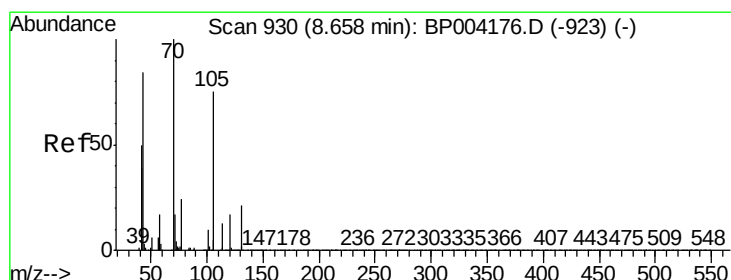
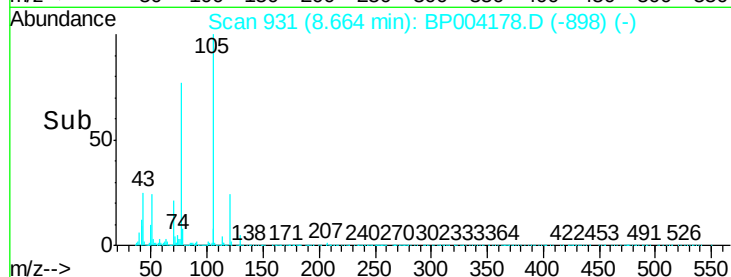
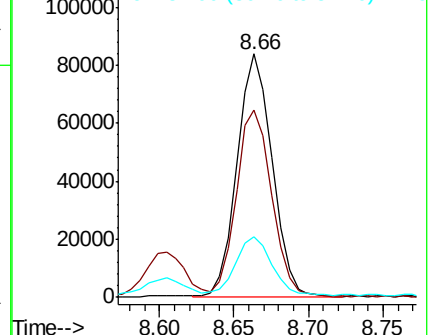
51 24.7 18.2 27.4



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



#17

N-Nitroso-di-n-propylamine

Concen: 2.648 ng/ul

RT: 8.65 min Scan# 929

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Tgt Ion: 70 Resp: 64847

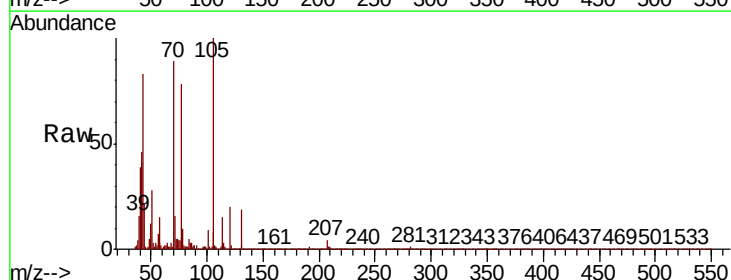
Ion Ratio Lower Upper

70 100

42 52.1 41.4 62.0

101 9.8 8.2 12.2

130 21.7 17.5 26.3

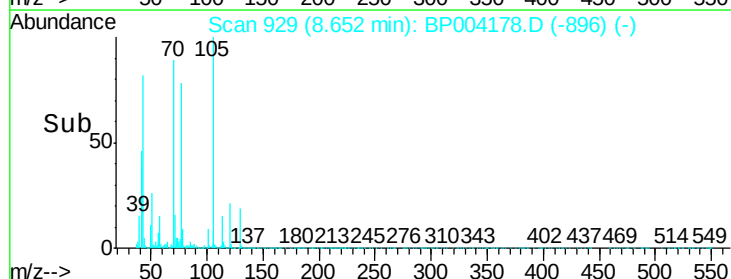
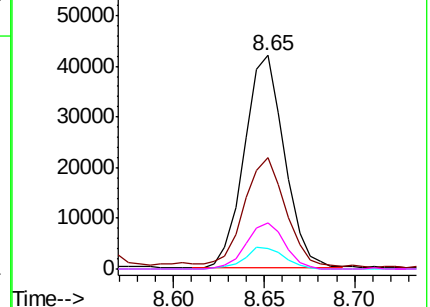


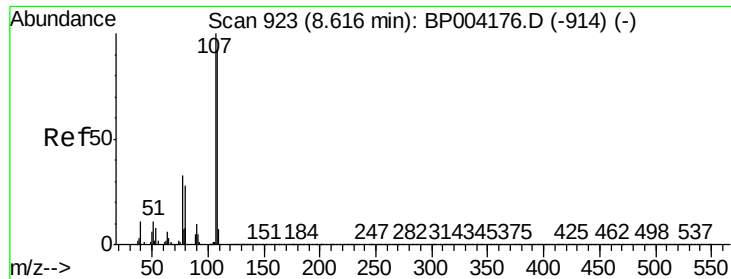
Abundance Ion 70.00 (69.70 to 70.70): BP0

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

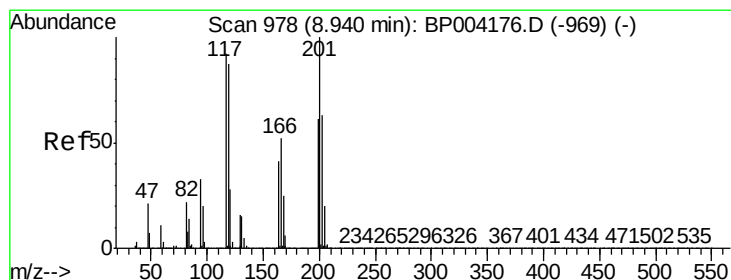
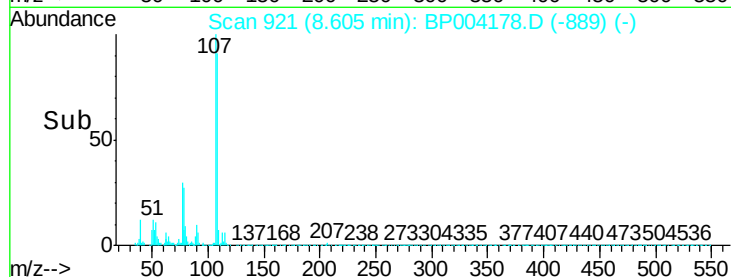
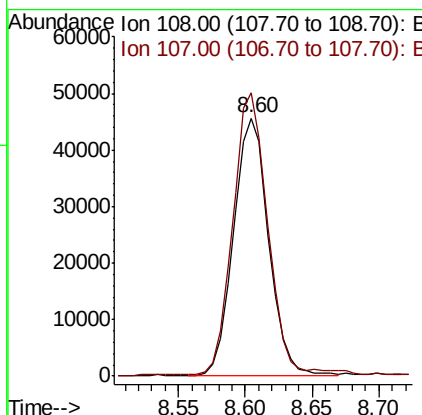
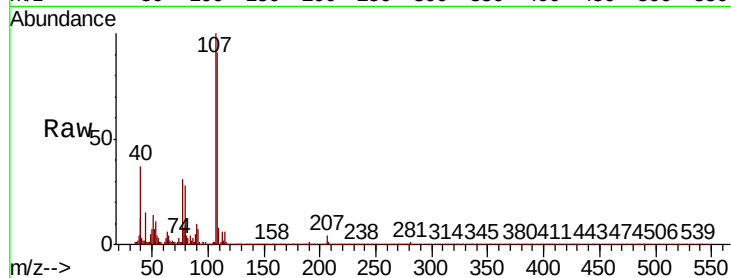




#18
4-Methylphenol
Concen: 2.620 ng/ul
RT: 8.60 min Scan# 921
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

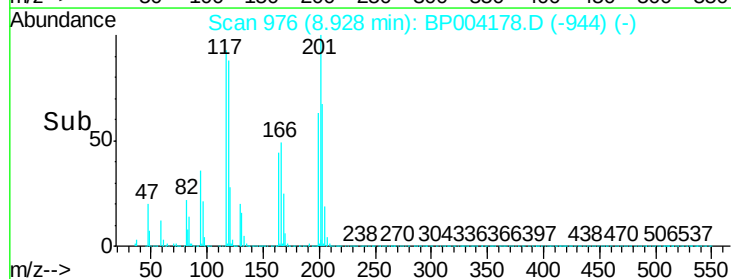
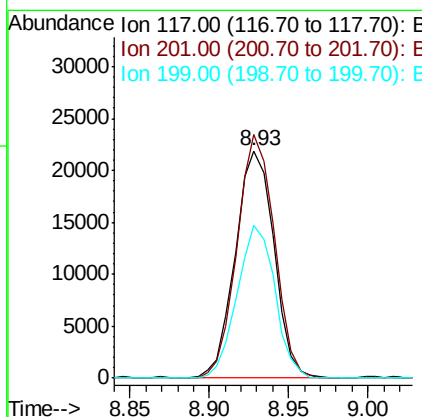
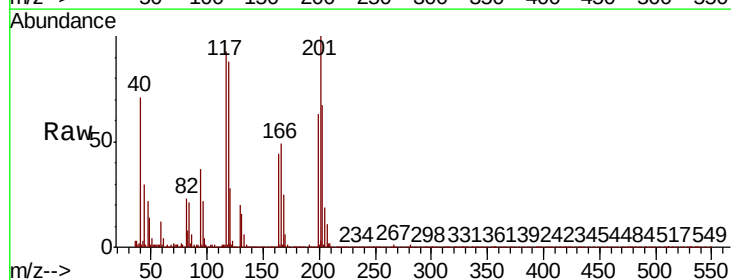
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

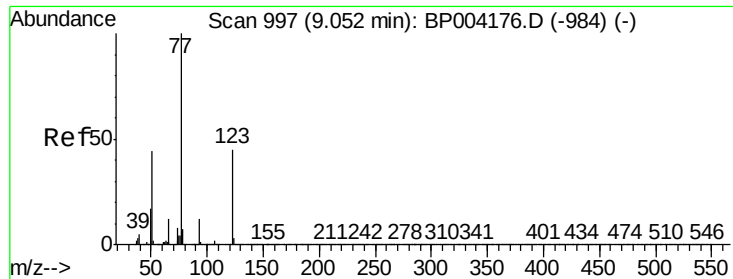
Tot Ion:108 Resp: 83082
Ion Ratio Lower Upper
108 100
107 109.7 89.3 133.9



#19
Hexachloroethane
Concen: 2.884 ng/ul
RT: 8.93 min Scan# 976
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion:117 Resp: 37116
Ion Ratio Lower Upper
117 100
201 107.2 84.3 126.5
199 67.4 53.0 79.4

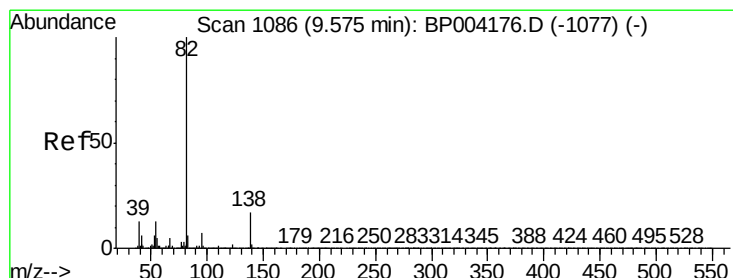
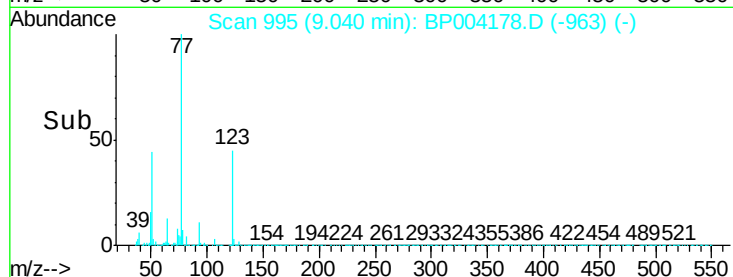
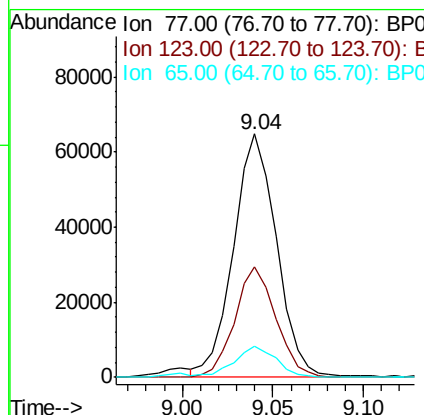
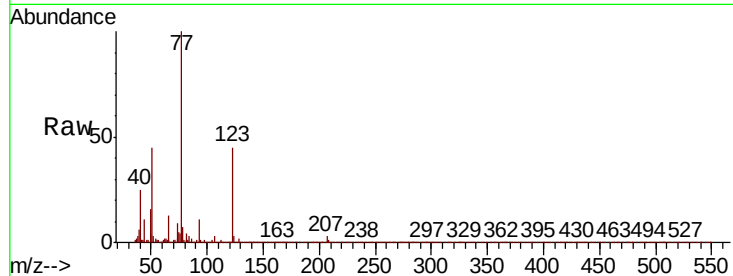




#22
Nitrobenzene
Concen: 2.960 ng/ul
RT: 9.04 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

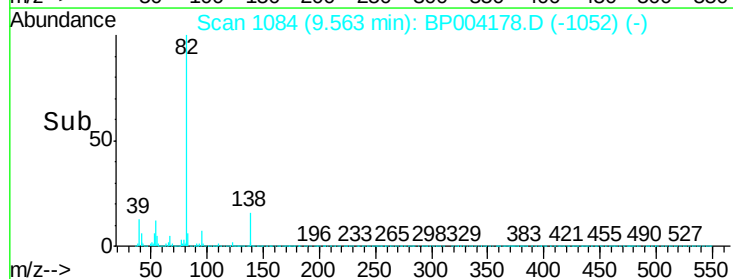
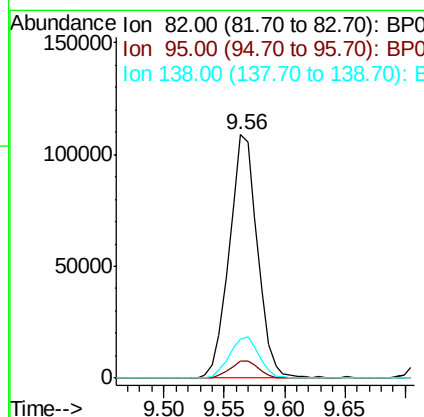
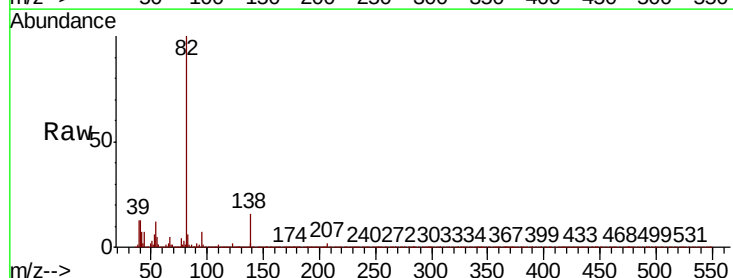
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

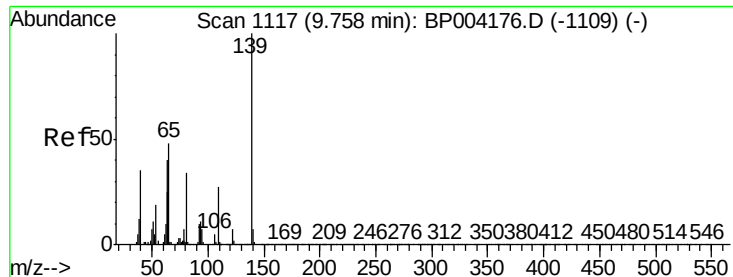
Tot Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.4	56.2
65	12.9	9.9	14.9



#23
Isophorone
Concen: 2.428 ng/ul
RT: 9.56 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.0	9.0
138	16.2	14.6	21.8

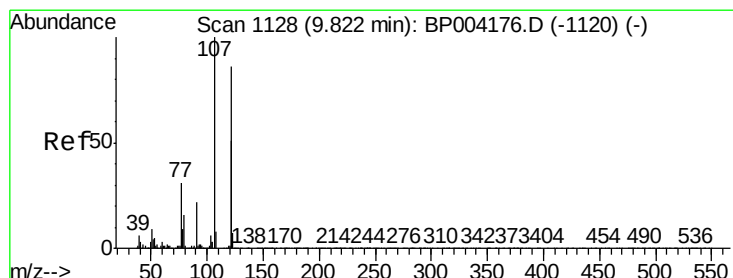
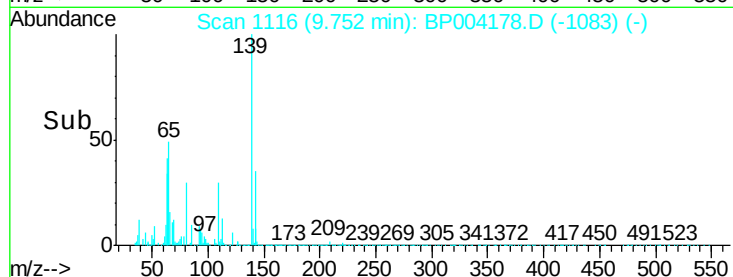
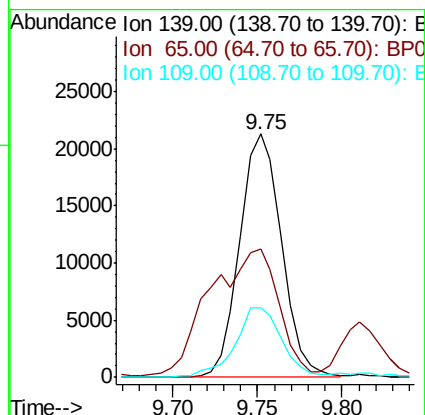
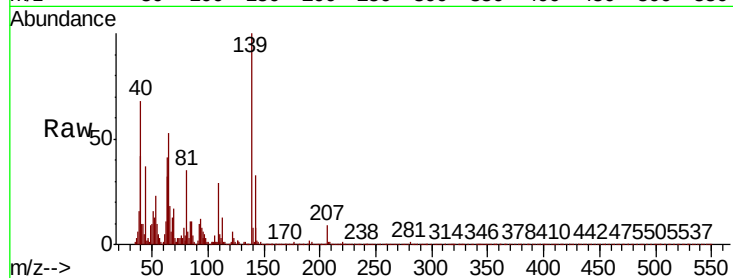




#25
2-Nitrophenol
Concen: 2.551 ng/ul
RT: 9.75 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

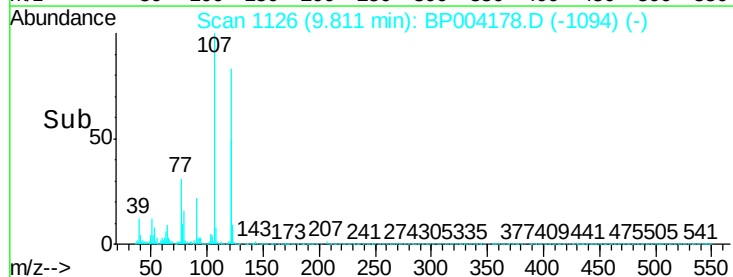
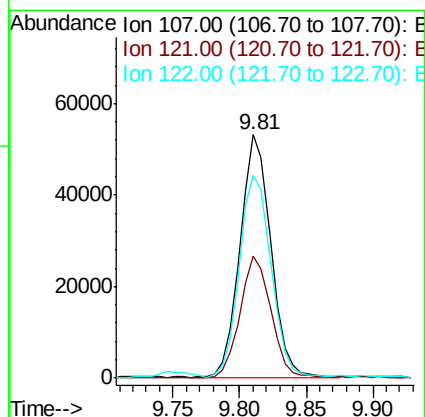
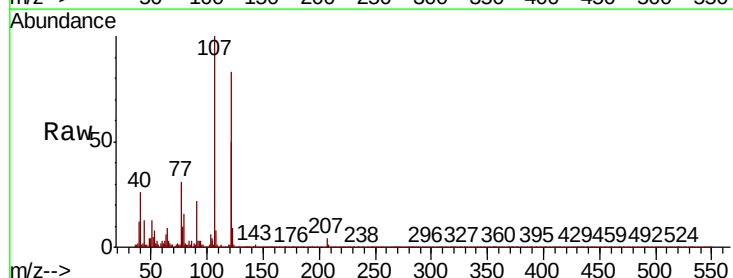
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

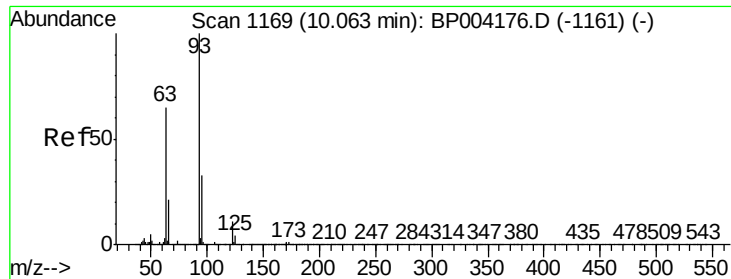
Tot Ion	Ratio	Lower	Upper
139	100		
65	52.6	39.8	59.6
109	28.5	24.5	36.7



#26
2,4-Dimethylphenol
Concen: 2.421 ng/ul
RT: 9.81 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.4	40.4	60.6
122	83.2	67.6	101.4





#27

Bis(2-Chloroethoxy)methane

Concen: 2.753 ng/ul

RT: 10.05 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

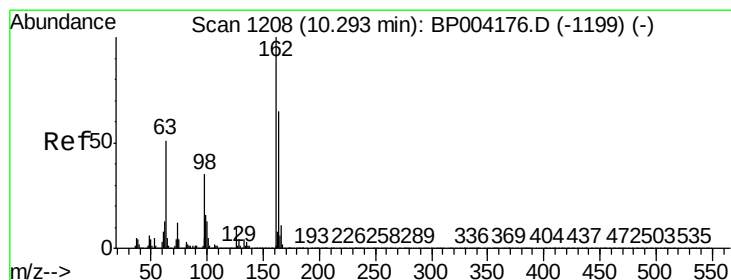
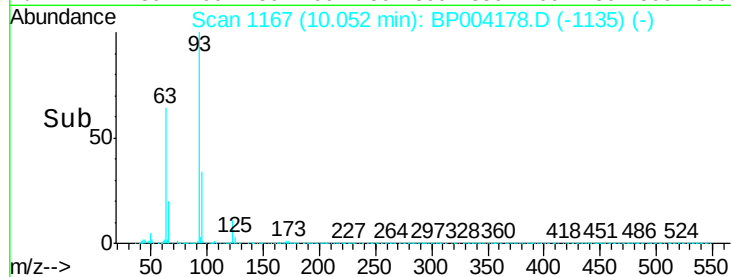
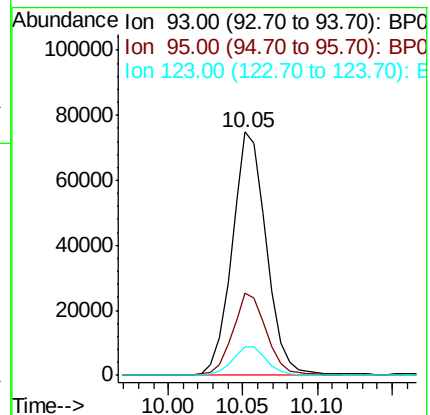
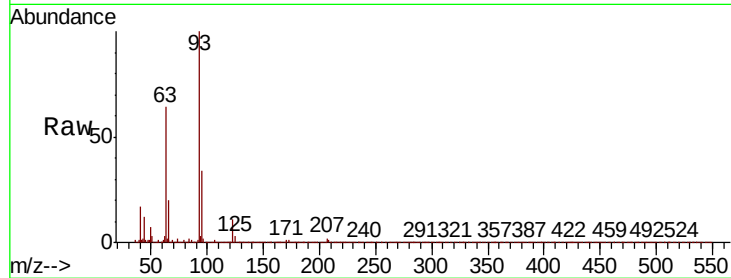
Tot Ion: 93 Resp: 118855

Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.0	40.4
123	11.5	8.8	13.2

93 100

95 33.7 27.0 40.4

123 11.5 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 2.637 ng/ul

RT: 10.28 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

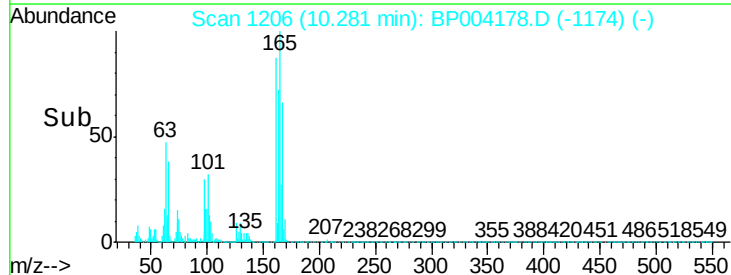
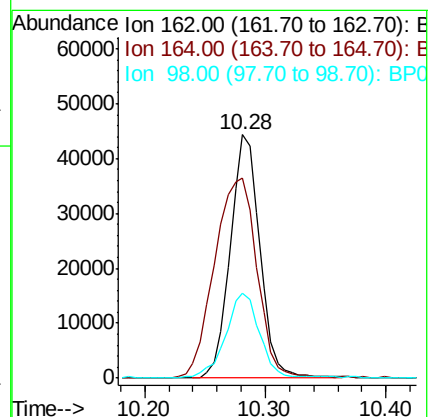
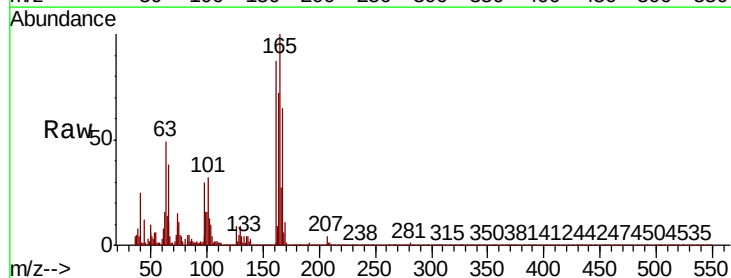
Tgt Ion: 162 Resp: 75420

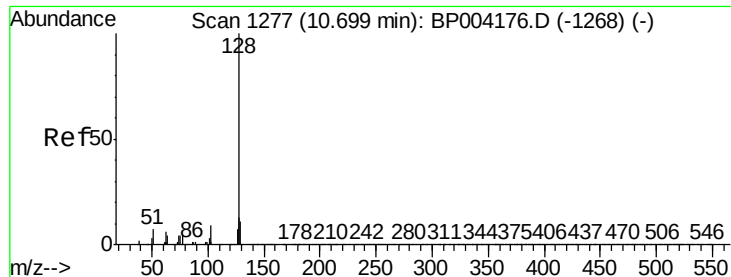
Ion	Ratio	Lower	Upper
162	100		
164	82.2	51.9	77.9#
98	34.8	30.4	45.6

162 100

164 82.2 51.9 77.9#

98 34.8 30.4 45.6





#30

Naphthalene

Concen: 2.913 ng/ul

RT: 10.69 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

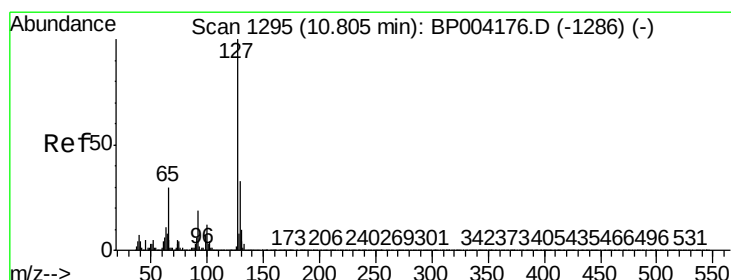
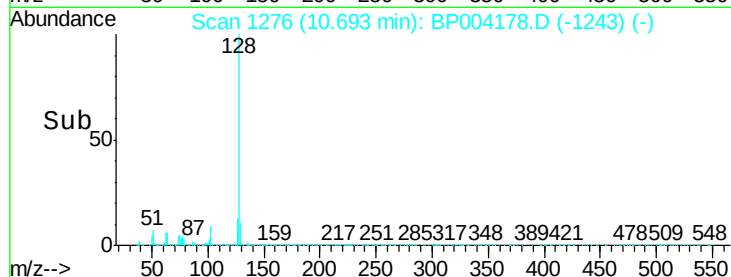
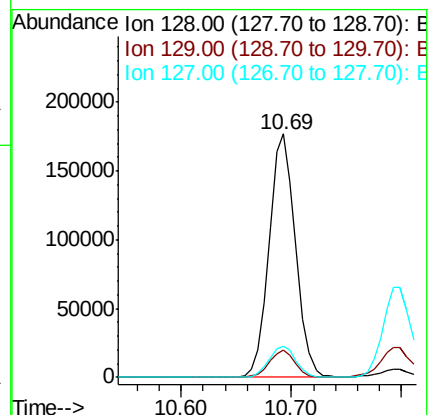
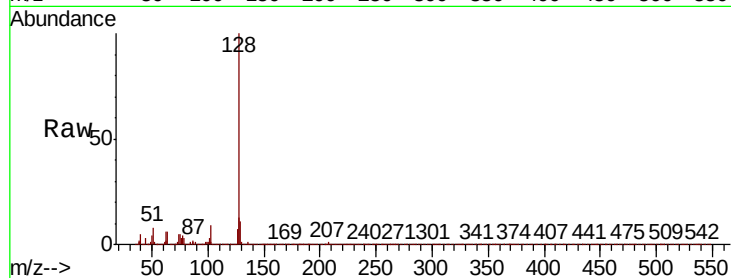
BNA_P

ClientSampleId :

MDL-SOIL-04

Tot Ion:128 Resp: 294346

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.9	10.4	15.6



#32

4-Chloroaniline

Concen: 2.769 ng/ul

RT: 10.79 min Scan# 1293

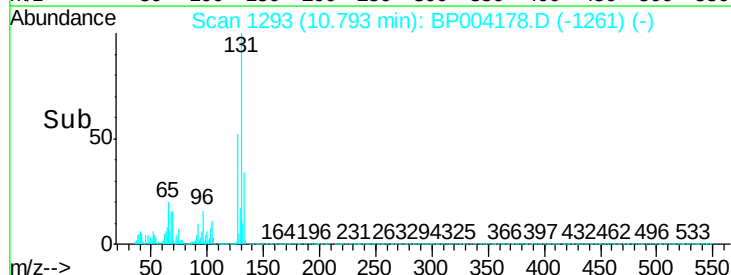
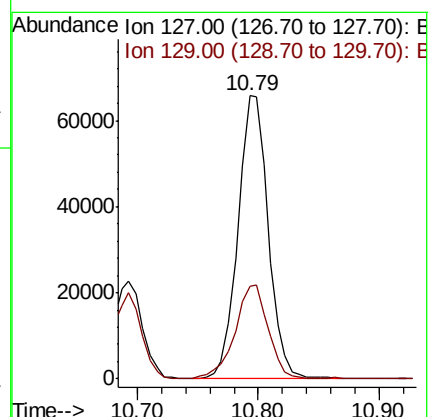
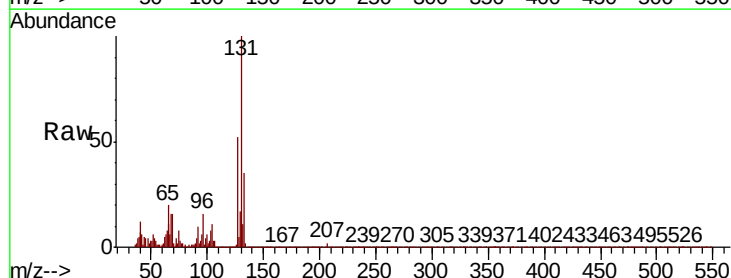
Delta R.T. -0.01 min

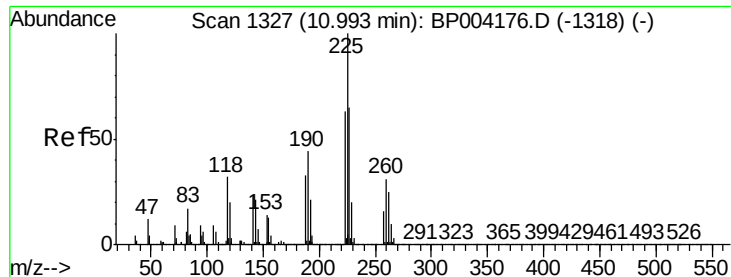
Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Tgt Ion:127 Resp: 114879

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9





#33

Hexachlorobutadiene

Concen: 2.800 ng/ul

RT: 10.99 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

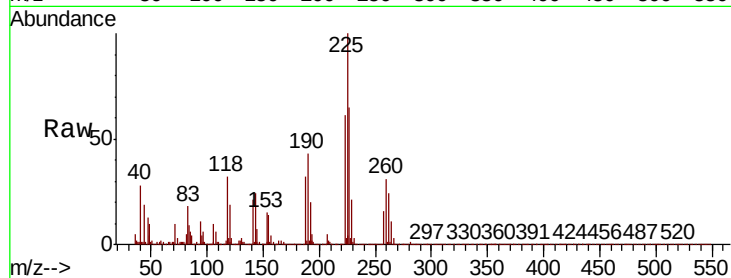
Tot Ion:225 Resp: 57473

Ion Ratio Lower Upper

225 100

223 60.7 49.9 74.9

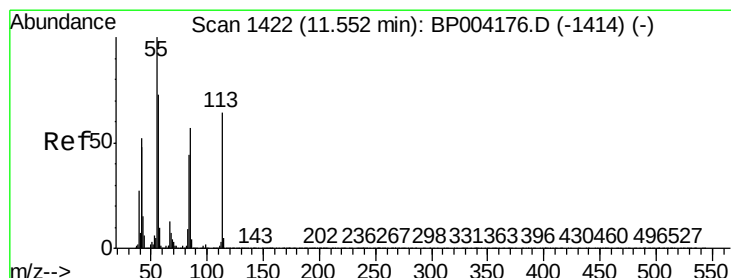
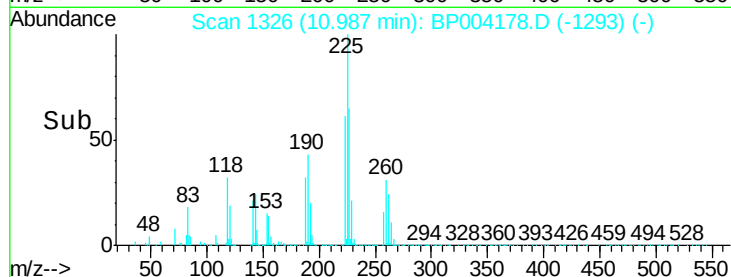
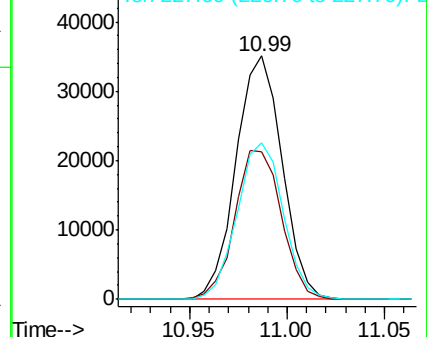
227 64.5 50.9 76.3



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#34

Caprolactam

Concen: 1.536 ng/ul

RT: 11.57 min Scan# 1425

Delta R.T. 0.02 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

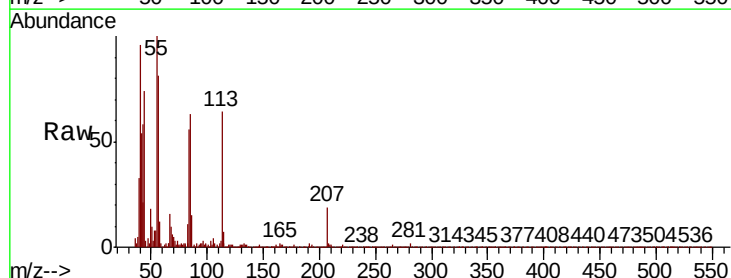
Tgt Ion:113 Resp: 16206

Ion Ratio Lower Upper

113 100

55 157.3 136.3 204.5

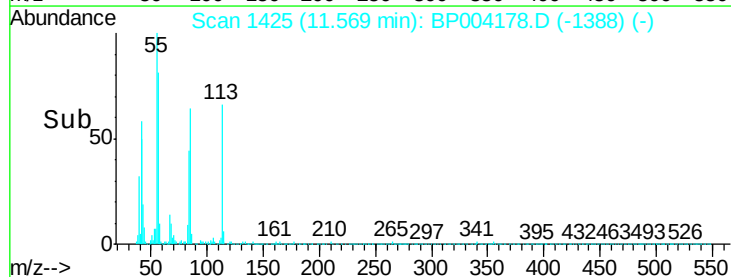
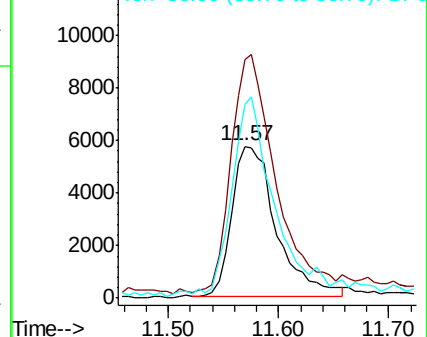
56 127.8 93.2 139.8

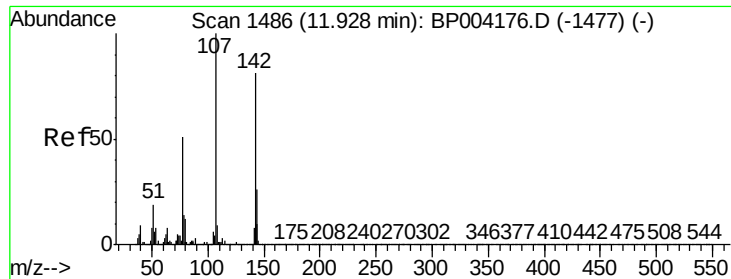


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0

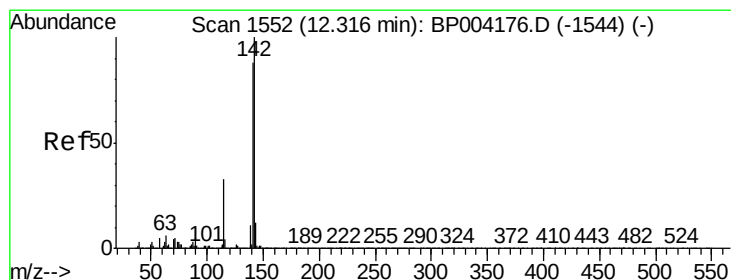
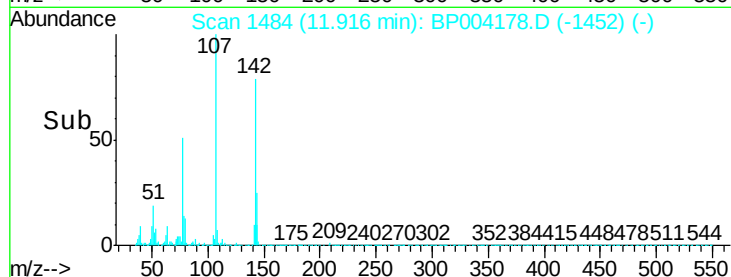
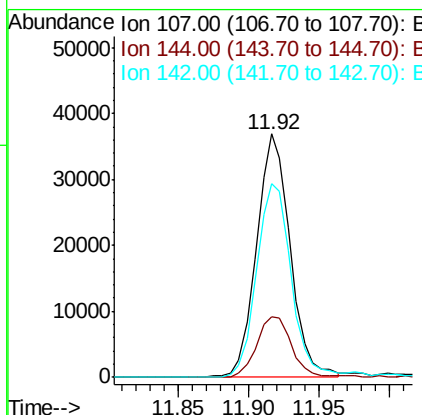
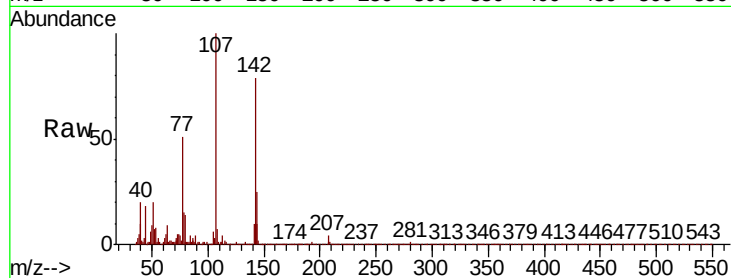




#35
4-Chloro-3-methylphenol
Concen: 1.950 ng/ul
RT: 11.92 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

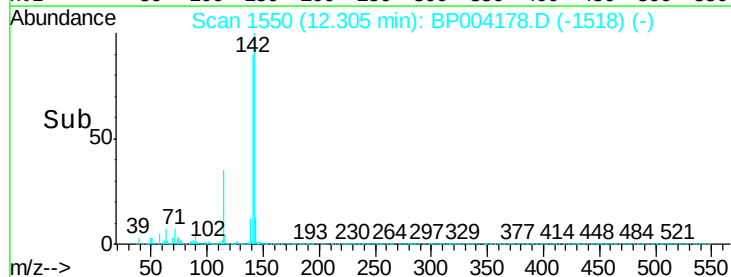
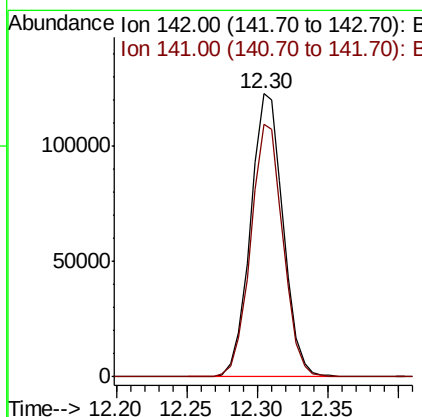
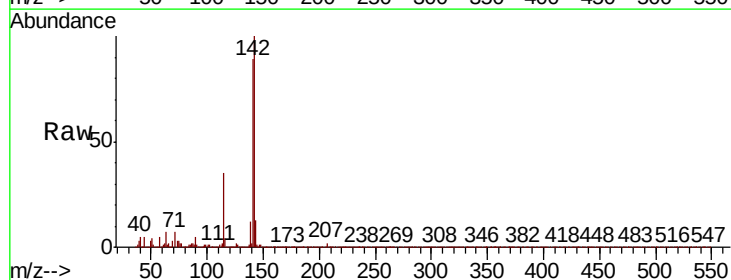
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

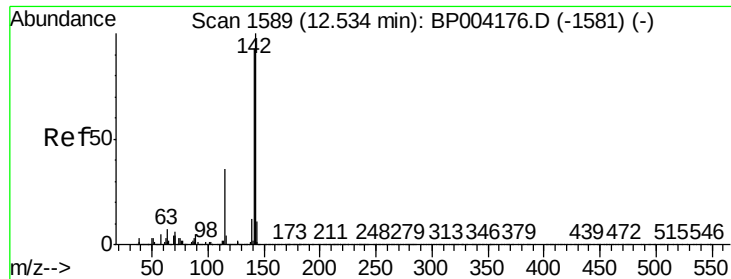
Tot Ion:107 Resp: 61913
Ion Ratio Lower Upper
107 100
144 25.0 20.1 30.1
142 79.4 63.4 95.0



#36
2-Methylnaphthalene
Concen: 2.800 ng/ul
RT: 12.30 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion:142 Resp: 199286
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7

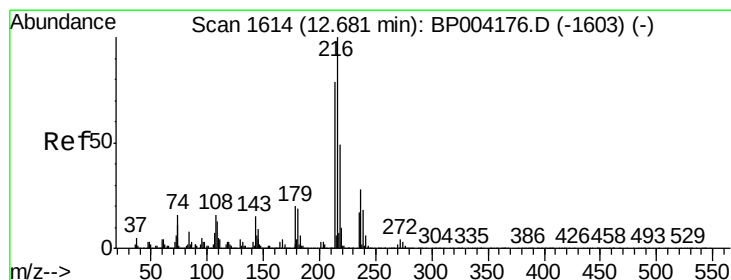
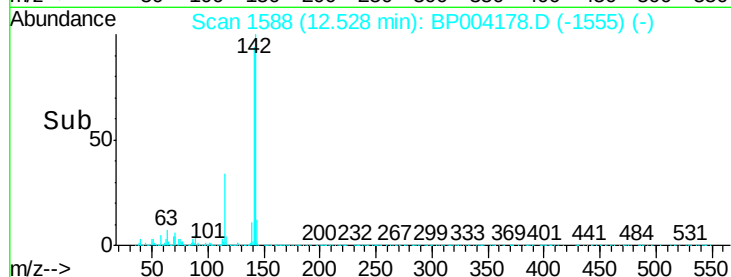
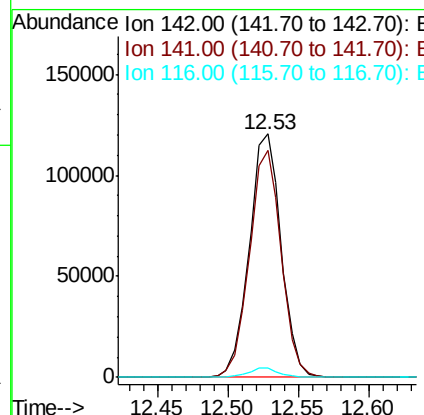
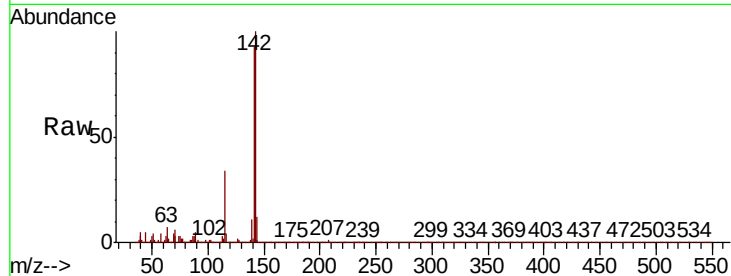




#37
 1-Methylnaphthalene
 Concen: 2.777 ng/ul
 RT: 12.53 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BP004178.D
 Acq: 07 Dec 2020 12:26

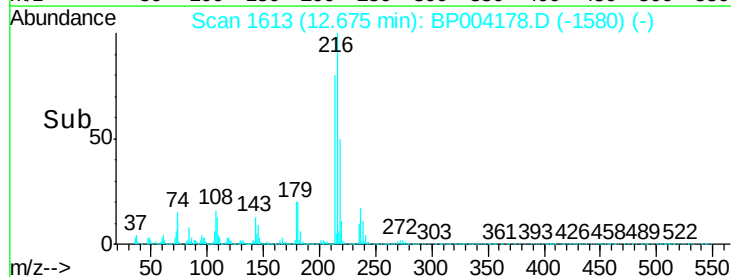
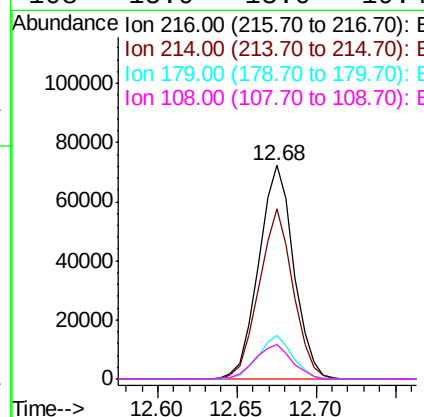
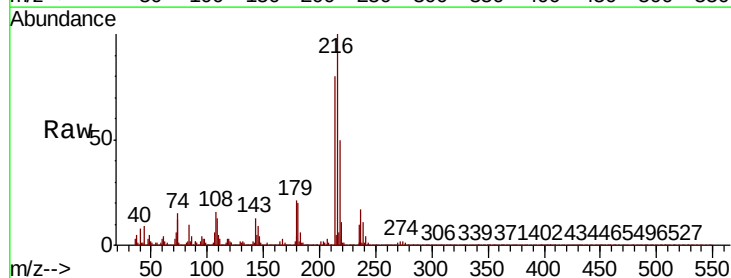
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-04

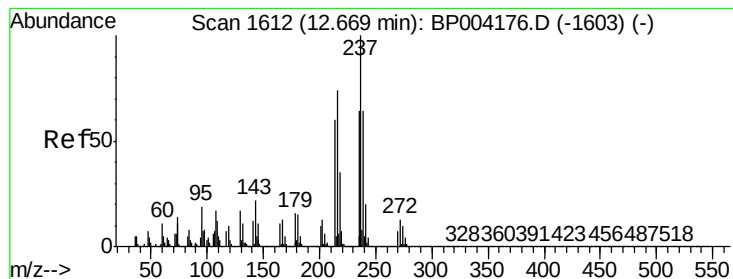
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.6	112.0
116	3.7	3.0	4.4



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.942 ng/ul
 RT: 12.68 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BP004178.D
 Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	62.4	93.6
179	20.6	16.6	25.0
108	15.9	13.0	19.4





#40

Hexachlorocyclopentadiene

Concen: 2.051 ng/ul

RT: 12.66 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

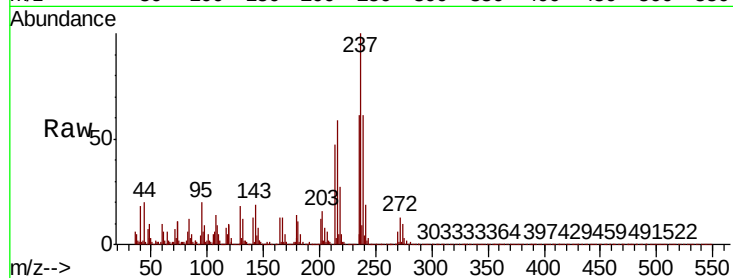
Tot Ion:237 Resp: 48486

Ion Ratio Lower Upper

237 100

235 60.9 50.6 75.8

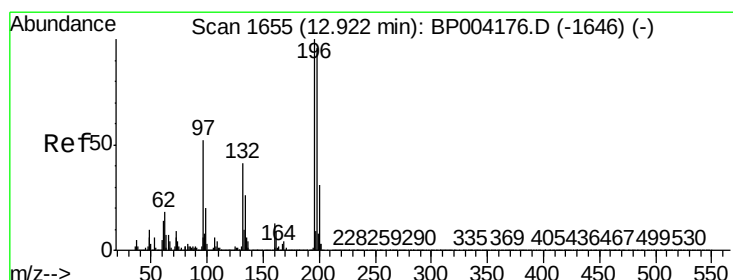
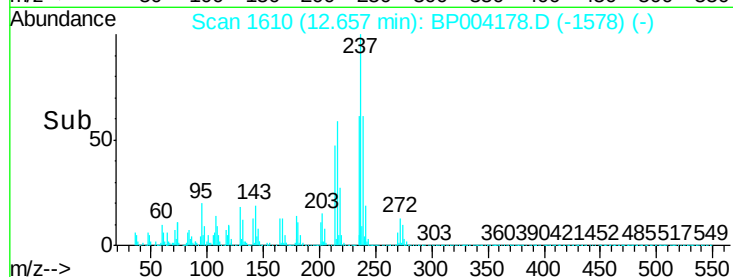
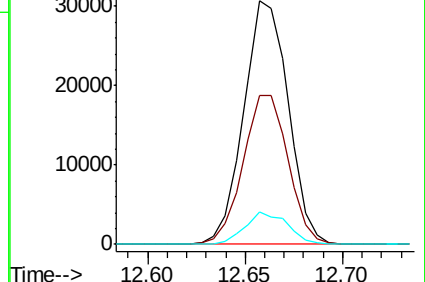
272 13.2 10.3 15.5



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#41

2,4,6-Trichlorophenol

Concen: 1.908 ng/ul

RT: 12.91 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

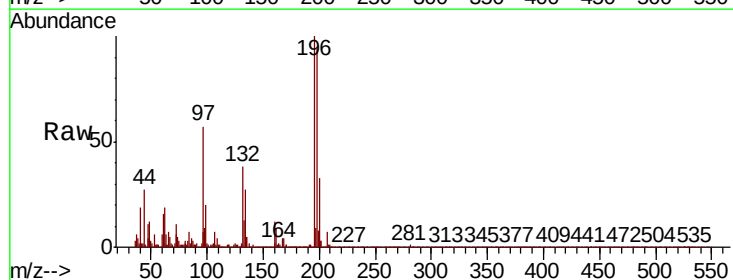
Tgt Ion:196 Resp: 41549

Ion Ratio Lower Upper

196 100

198 93.8 75.9 113.9

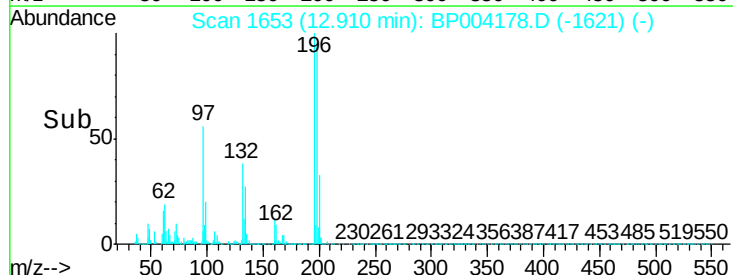
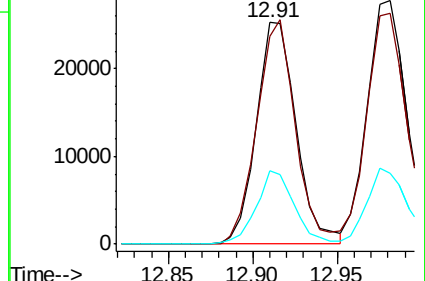
200 32.9 24.6 36.8

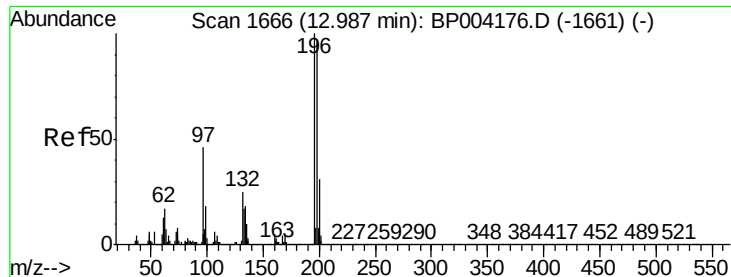


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

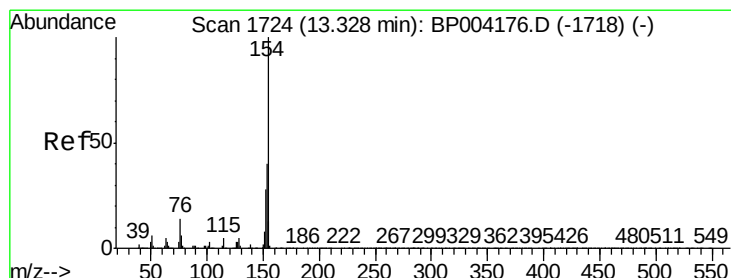
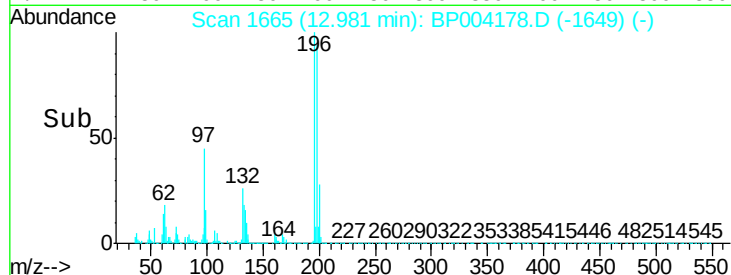
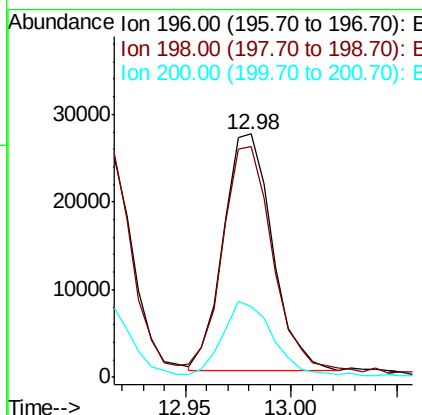
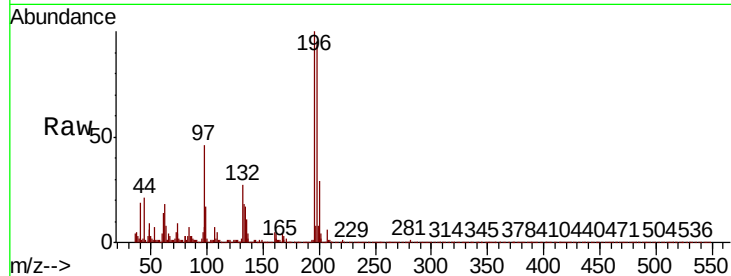




#42
 2,4,5-Trichlorophenol
 Concen: 1.837 ng/ul
 RT: 12.98 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BP004178.D
 Acq: 07 Dec 2020 12:26

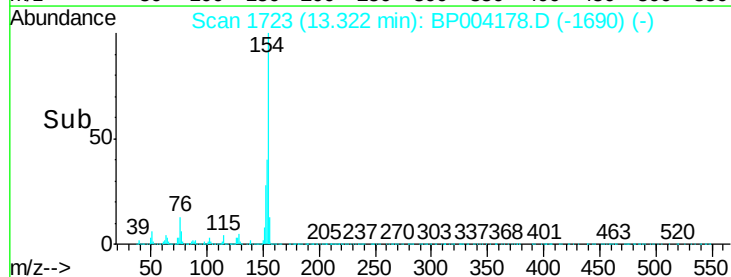
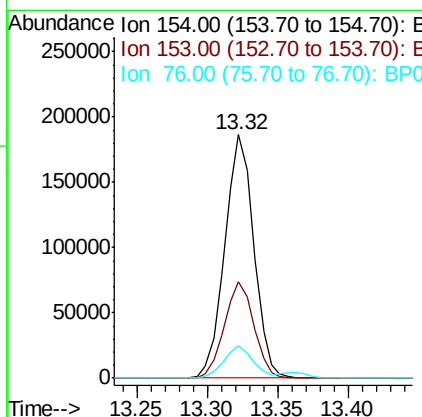
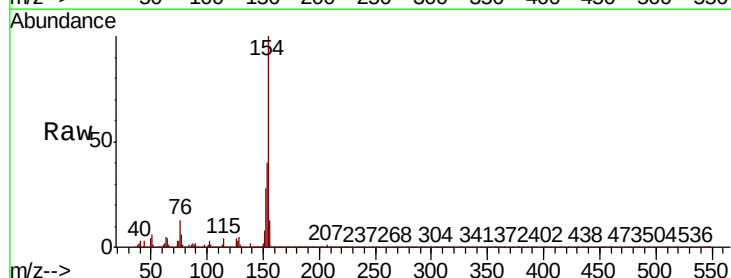
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-04

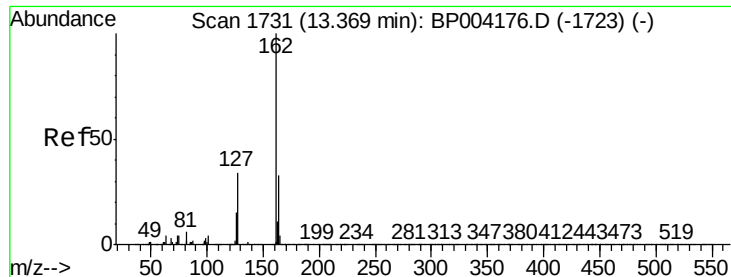
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	78.2	117.4
200	29.0	25.1	37.7



#43
 1,1'-Biphenyl
 Concen: 2.946 ng/ul
 RT: 13.32 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BP004178.D
 Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.2	48.2
76	13.1	10.8	16.2

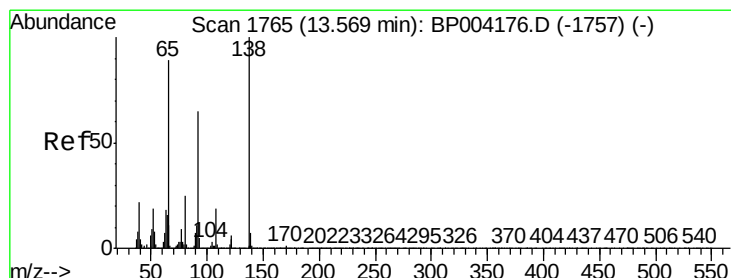
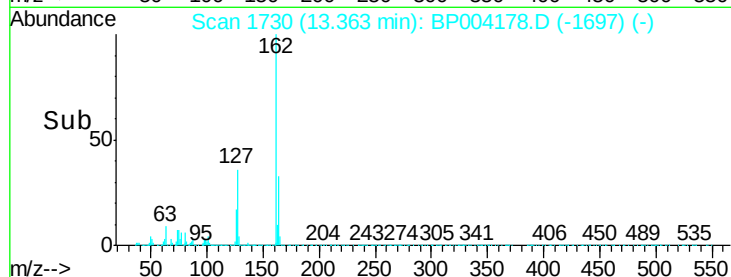
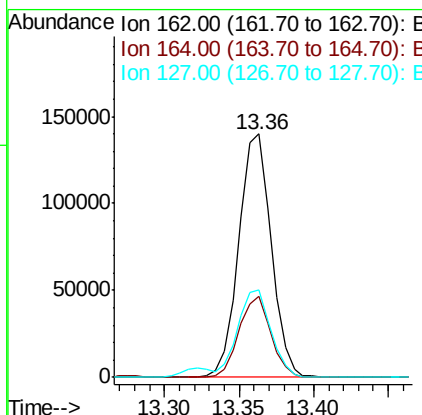
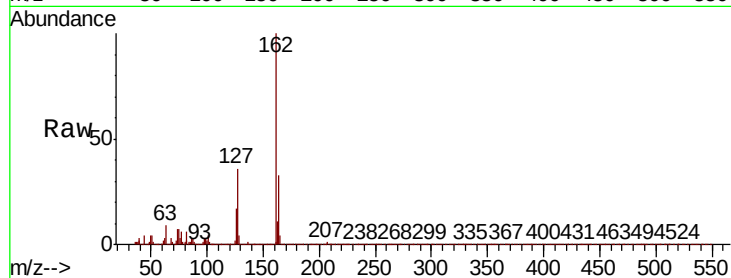




#44
2-Chloronaphthalene
Concen: 2.959 ng/ul
RT: 13.36 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

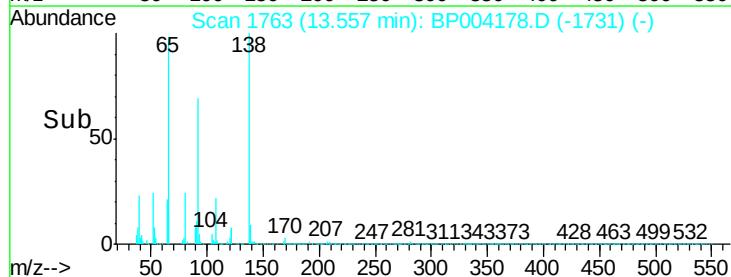
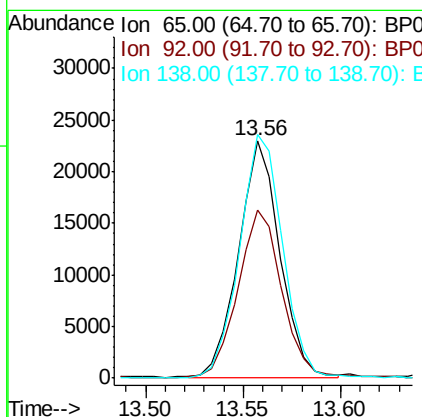
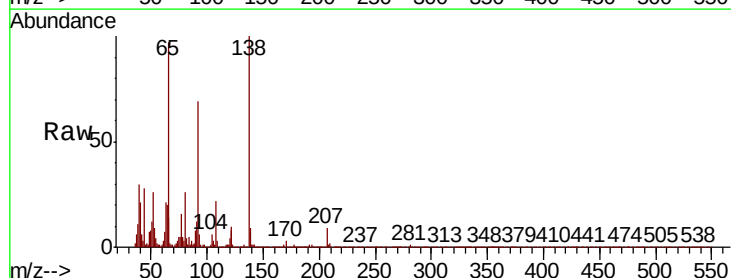
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

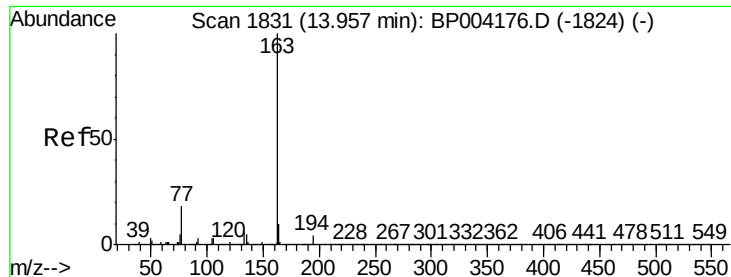
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.1	26.2	39.4
127	35.8	30.4	45.6



#45
2-Nitroaniline
Concen: 1.917 ng/ul
RT: 13.56 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.8	59.4	89.2
138	102.6	89.6	134.4

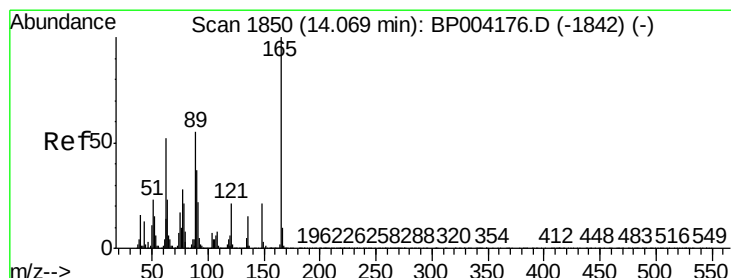
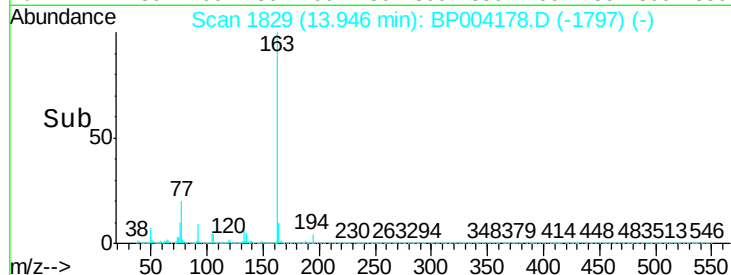
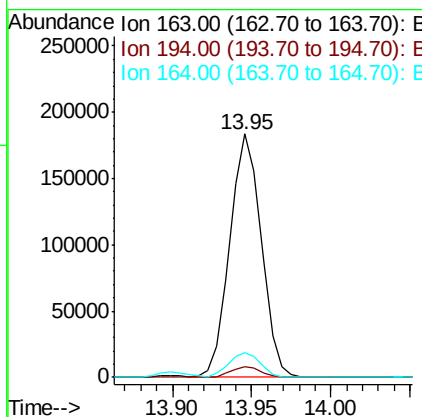
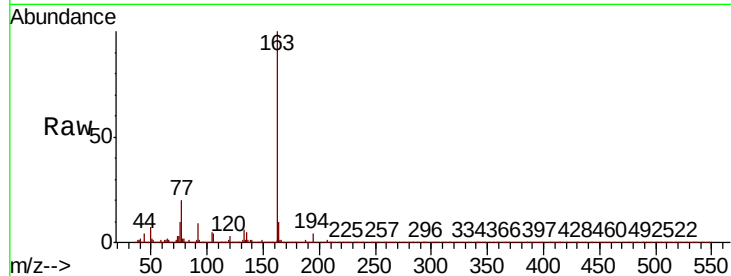




#47
Dimethylphthalate
Concen: 2.788 ng/ul
RT: 13.95 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

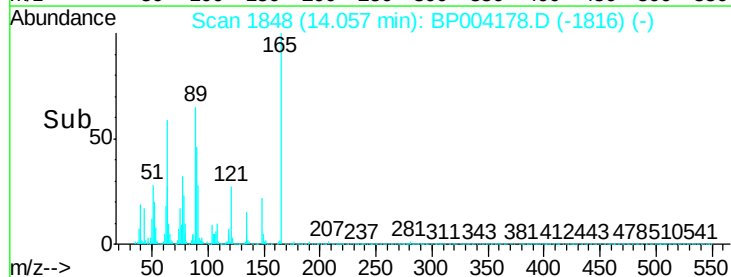
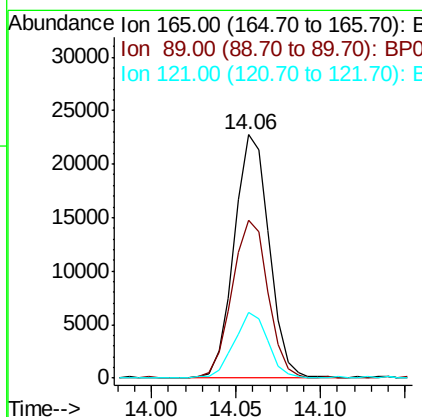
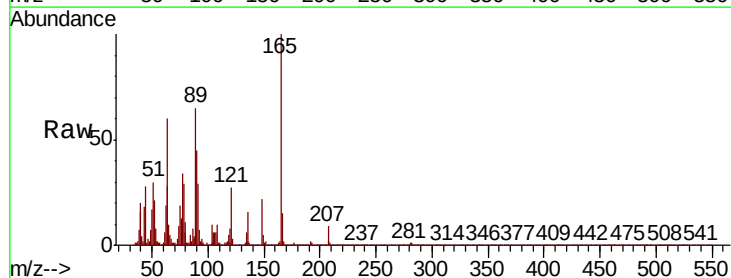
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

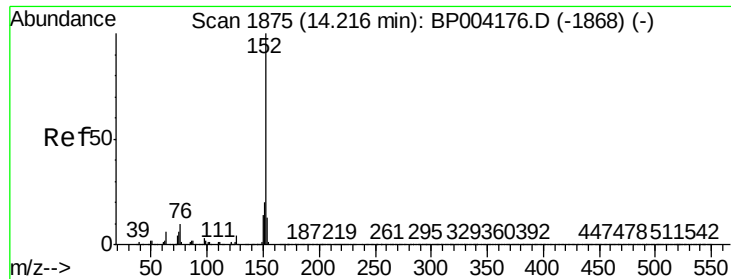
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.3	8.1	12.1



#48
2,6-Dinitrotoluene
Concen: 1.992 ng/ul
RT: 14.06 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
165	100		
89	64.8	45.2	67.8
121	26.8	17.9	26.9





#50

Acenaphthylene

Concen: 2.871 ng/ul

RT: 14.21 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

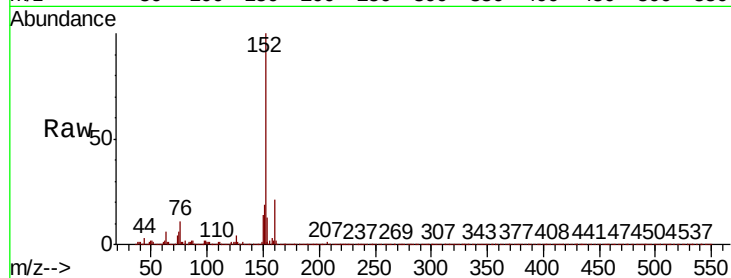
BNA_P

ClientSampleId :

MDL-SOIL-04

Tot Ion:152 Resp: 312553

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.1	24.1
153	13.0	10.5	15.7

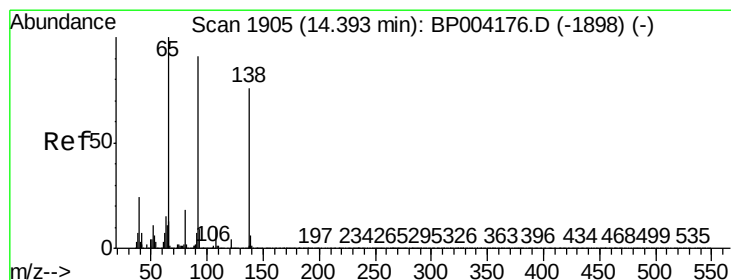
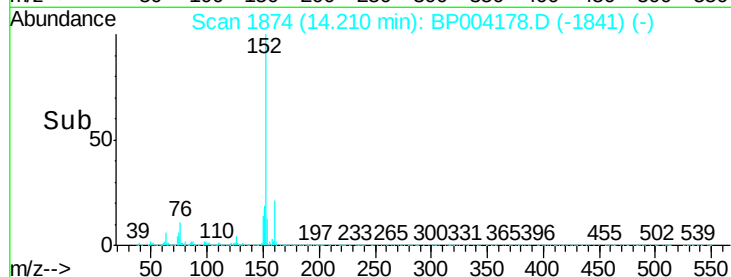
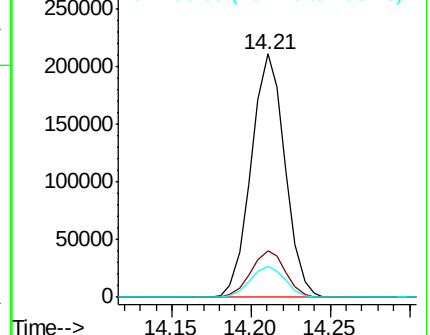


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

3-Nitroaniline

Concen: 2.226 ng/ul

RT: 14.39 min Scan# 1904

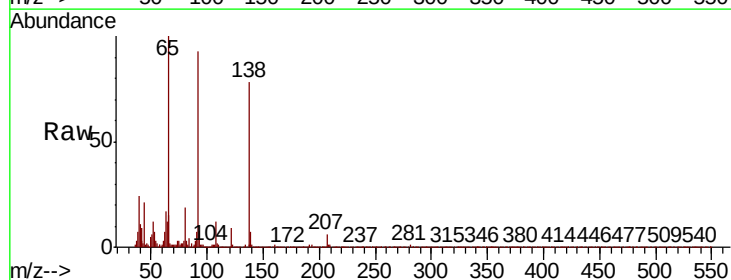
Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Tgt Ion:138 Resp: 34235

Ion	Ratio	Lower	Upper
138	100		
108	14.8	12.6	19.0
92	119.4	93.3	139.9

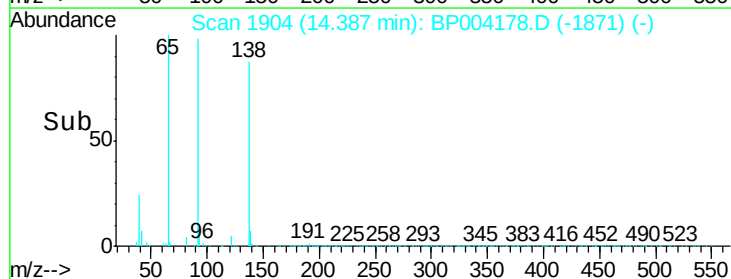
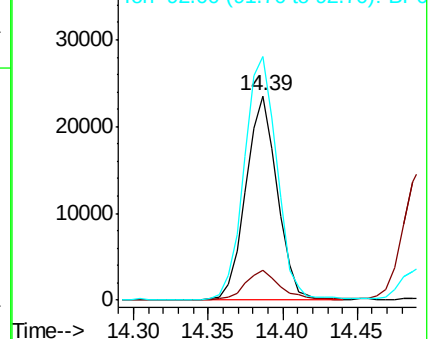


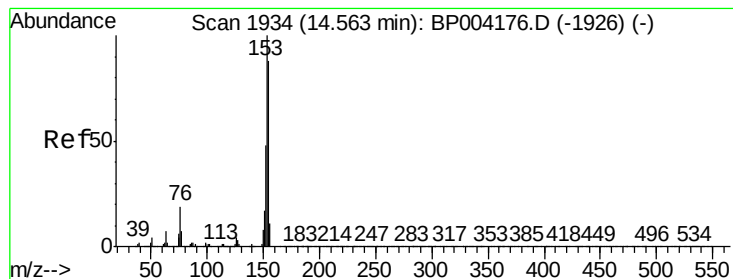
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0





#52

Acenaphthene

Concen: 2.824 ng/ul

RT: 14.56 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

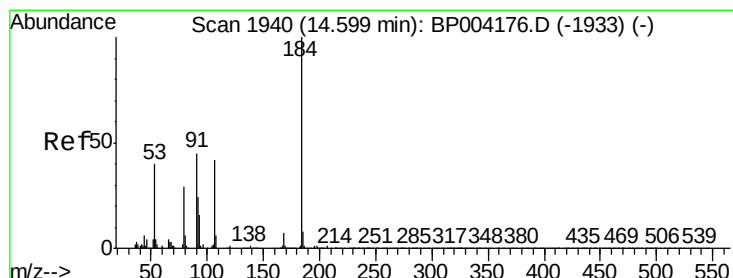
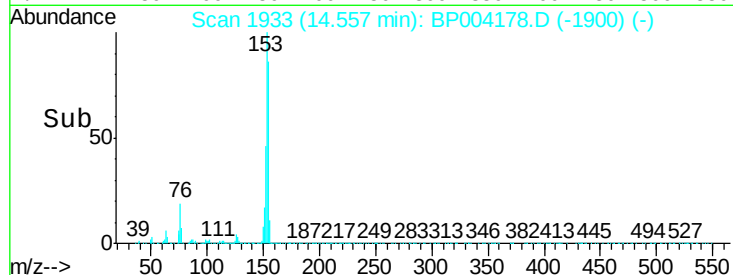
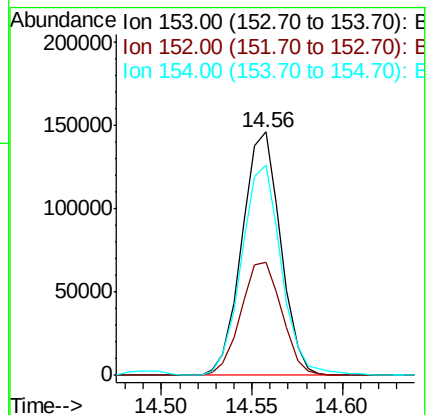
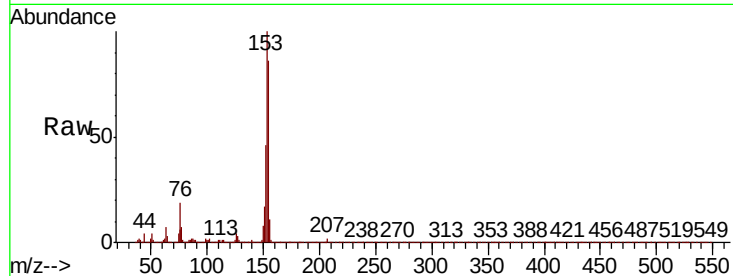
Tot Ion:153 Resp: 216932

Ion Ratio Lower Upper

153 100

152 46.2 38.0 57.0

154 86.3 70.5 105.7



#53

2,4-Dinitrophenol

Concen: 1.373 ng/ul

RT: 14.59 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

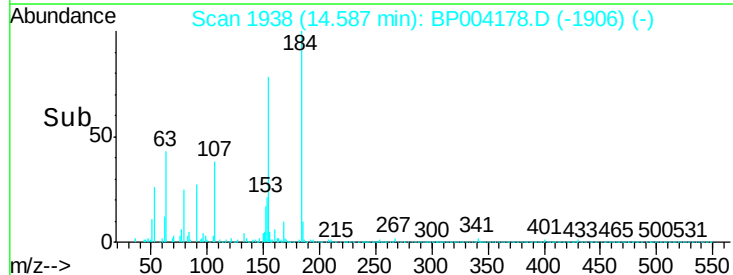
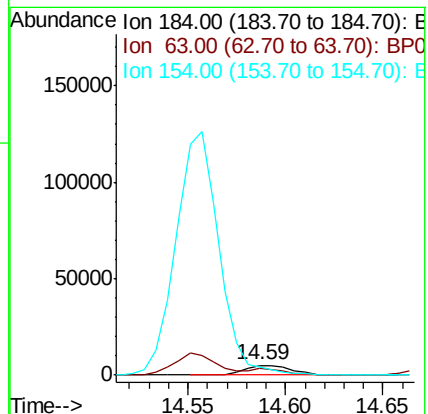
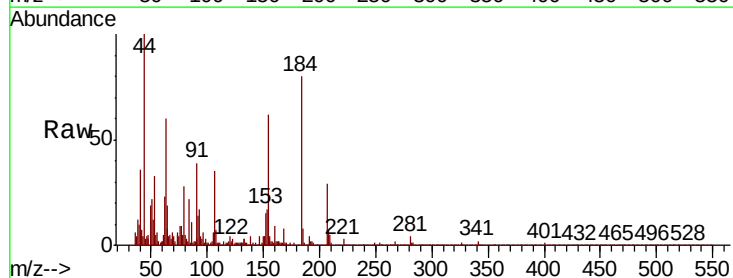
Tgt Ion:184 Resp: 8720

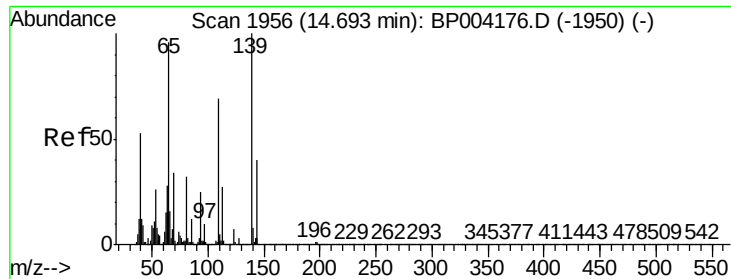
Ion Ratio Lower Upper

184 100

63 75.5 43.6 65.4#

154 77.9 46.9 70.3#





#55

4-Nitrophenol

Concen: 2.519 ng/ul

RT: 14.69 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

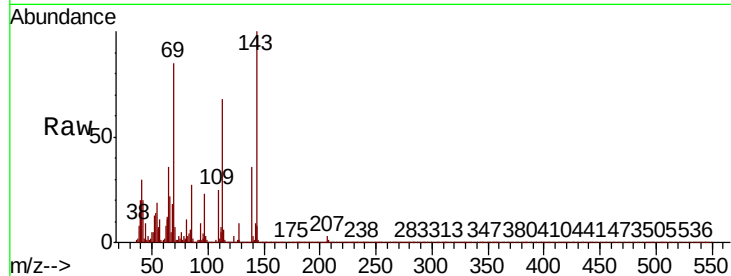
Tot Ion:109 Resp: 27730

Ion Ratio Lower Upper

109 100

139 142.9 111.9 167.9

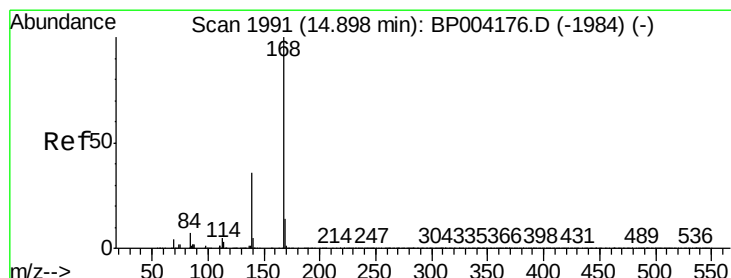
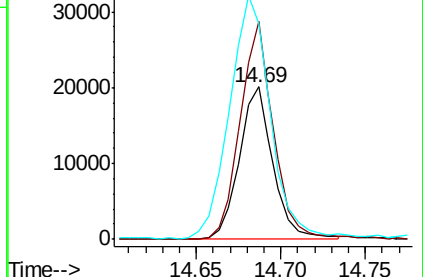
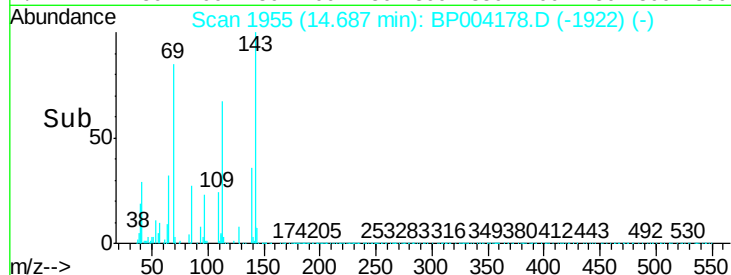
65 141.4 99.2 148.8



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



#56

Dibenzofuran

Concen: 2.906 ng/ul

RT: 14.89 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BP004178.D

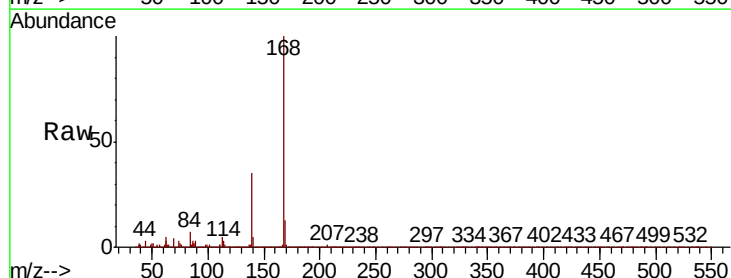
Acq: 07 Dec 2020 12:26

Tgt Ion:168 Resp: 309429

Ion Ratio Lower Upper

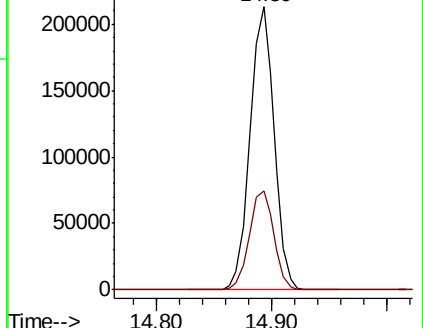
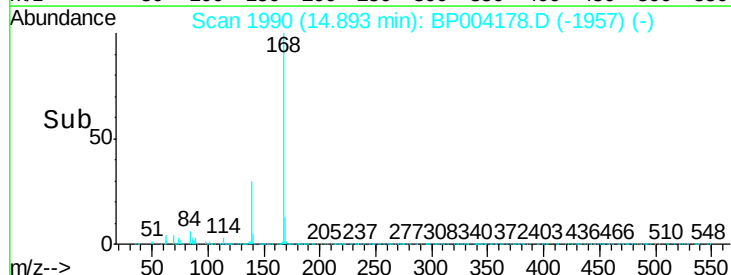
168 100

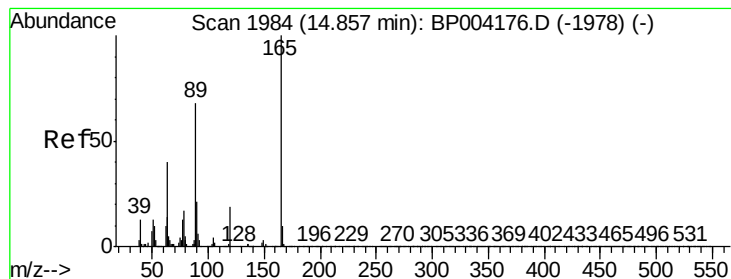
139 34.8 28.6 42.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#57

2,4-Dinitrotoluene

Concen: 2.251 ng/ul

RT: 14.85 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

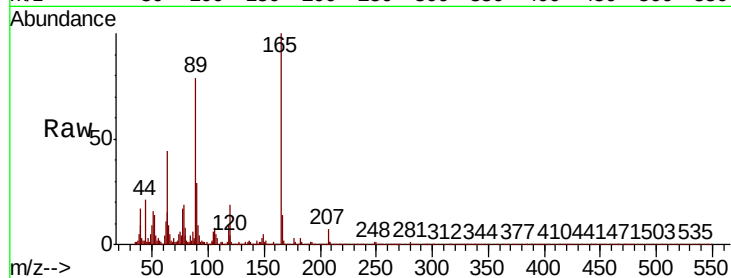
Tot Ion:165 Resp: 50666

Ion Ratio Lower Upper

165 100

63 44.4 32.1 48.1

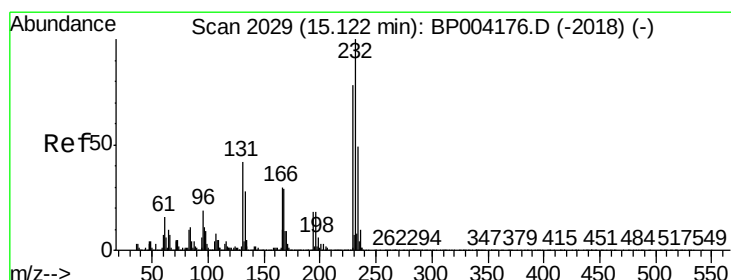
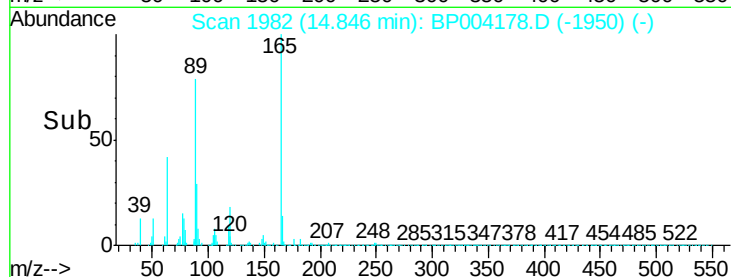
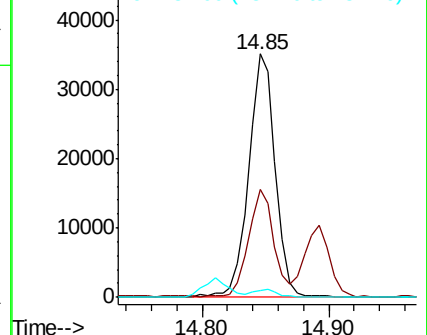
182 2.9 2.4 3.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 1.934 ng/ul

RT: 15.12 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Tgt Ion:232 Resp: 36990

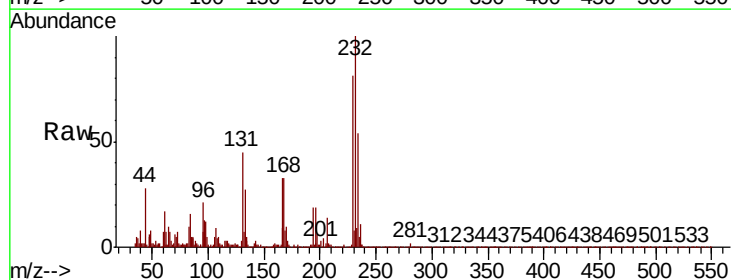
Ion Ratio Lower Upper

232 100

131 45.1 31.5 47.3

130 2.7 1.7 2.5#

166 32.5 22.7 34.1

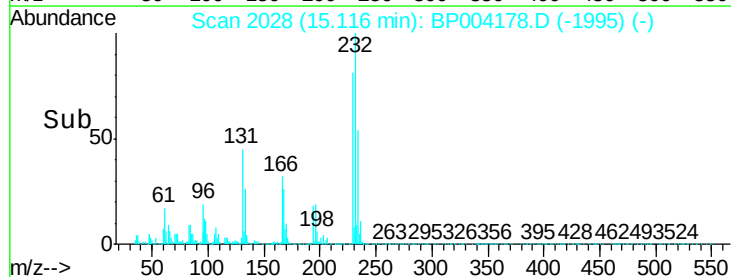
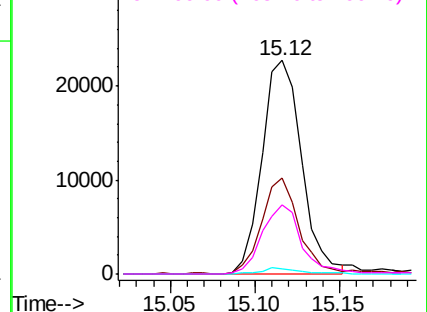


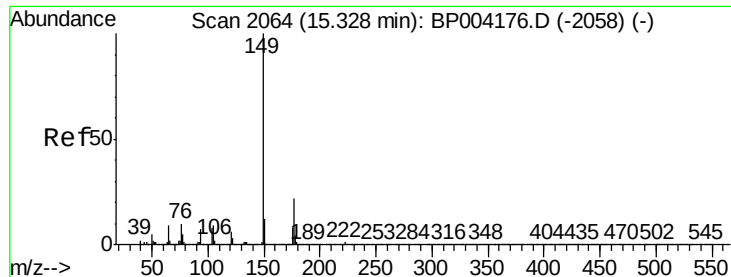
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 2.451 ng/ul

RT: 15.32 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

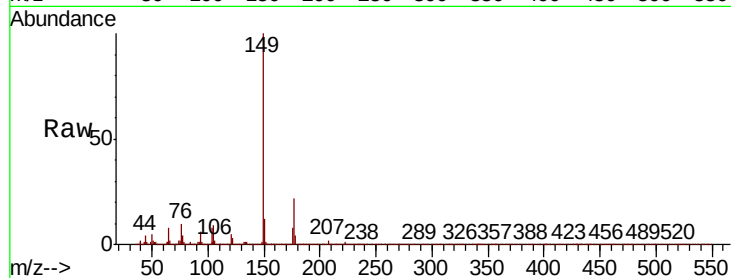
Tot Ion:149 Resp: 224586

Ion Ratio Lower Upper

149 100

177 22.4 18.5 27.7

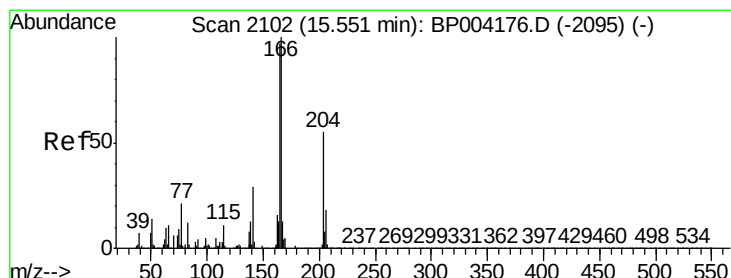
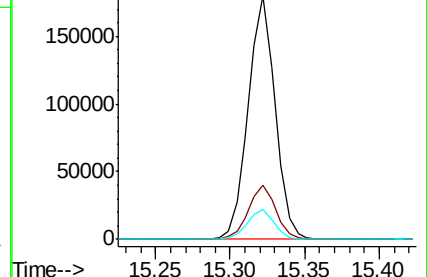
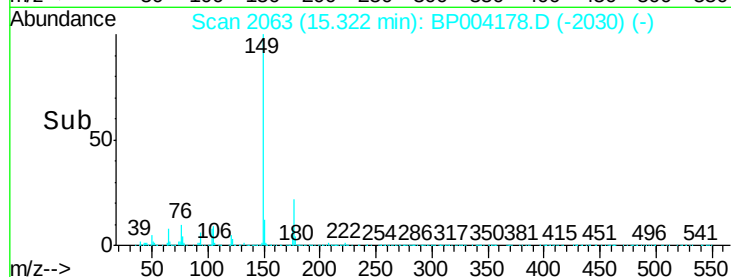
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

Fluorene

Concen: 2.889 ng/ul

RT: 15.55 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

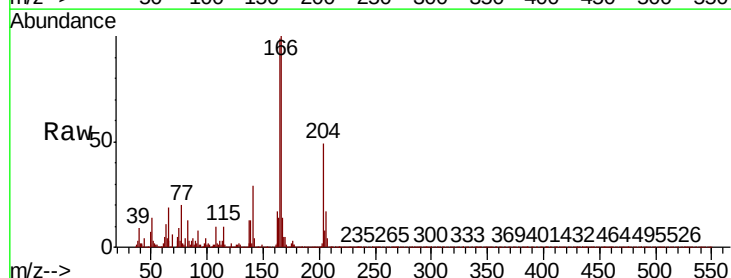
Tgt Ion:166 Resp: 255225

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

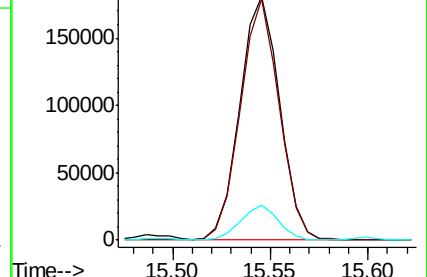
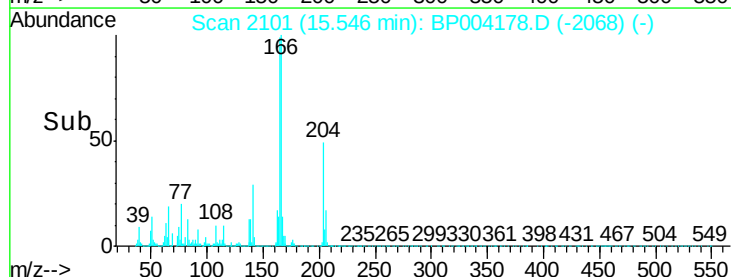
167 14.4 11.0 16.4

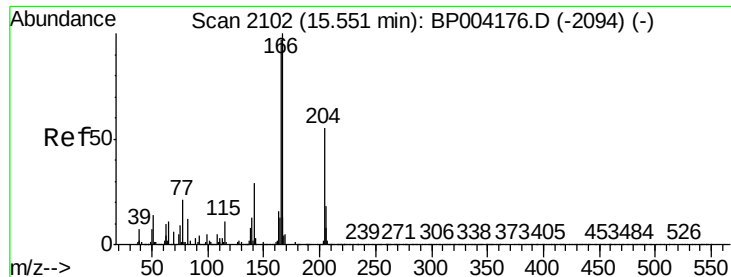


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

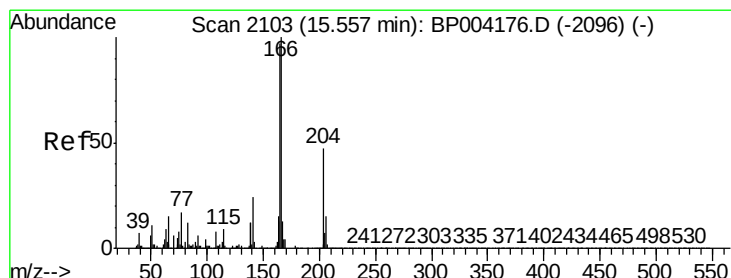
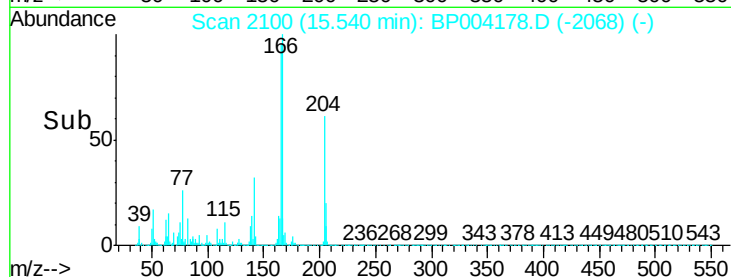
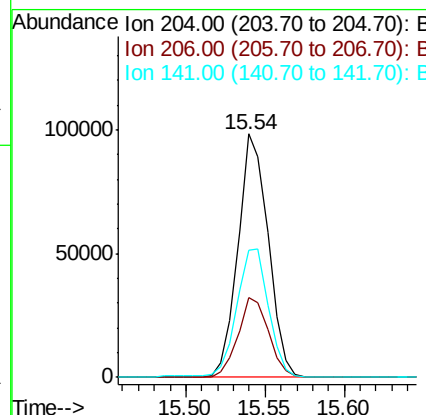
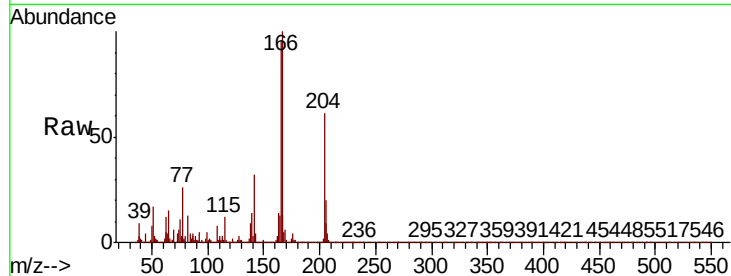




#62
4-Chlorophenyl-phenylether
Concen: 2.827 ng/ul
RT: 15.54 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

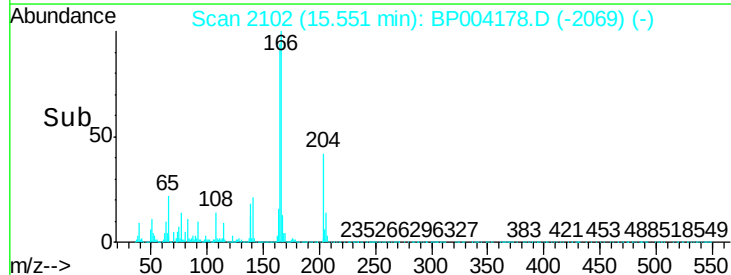
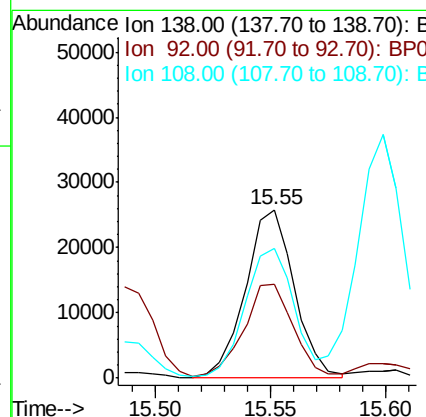
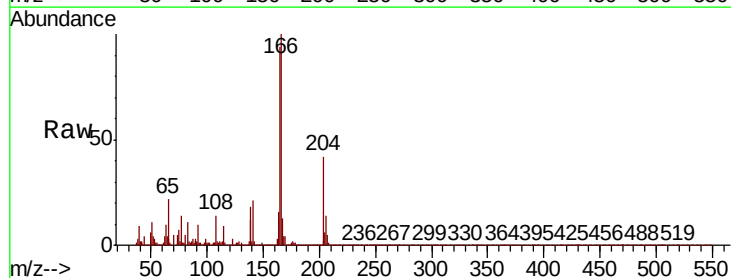
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

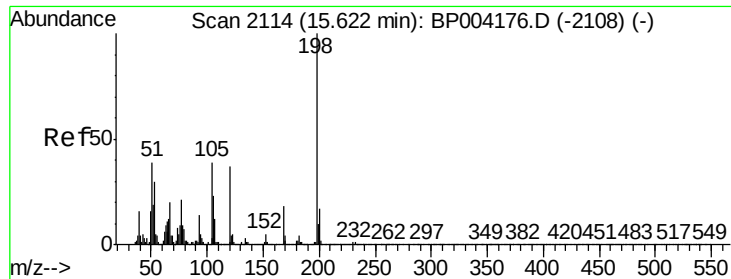
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	52.4	42.2	63.2



#63
4-Nitroaniline
Concen: 2.623 ng/ul
RT: 15.55 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	42.3	63.5
108	76.8	60.2	90.2

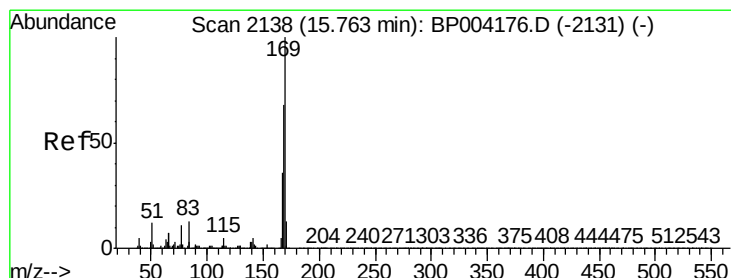
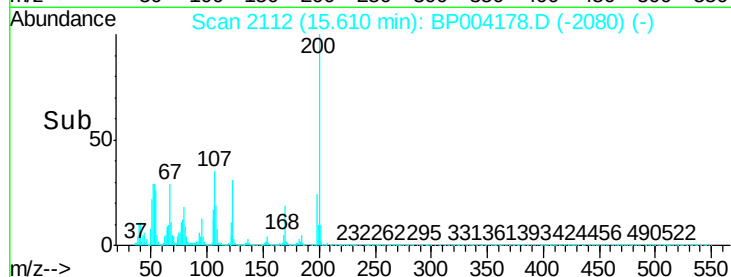
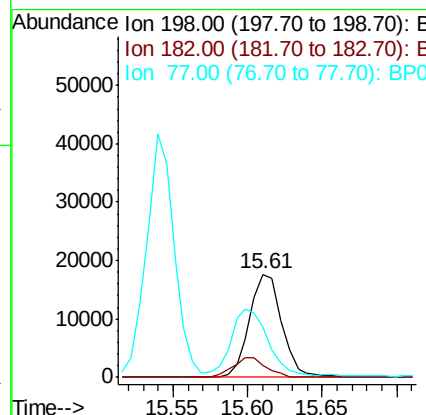
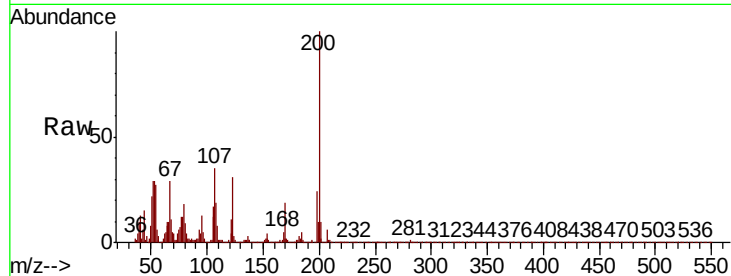




#66
4,6-Dinitro-2-methylphenol
Concen: 2.404 ng/ul
RT: 15.61 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

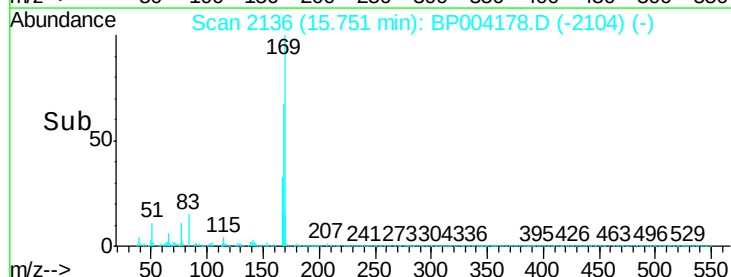
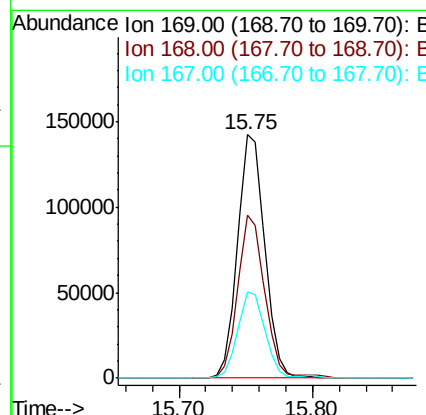
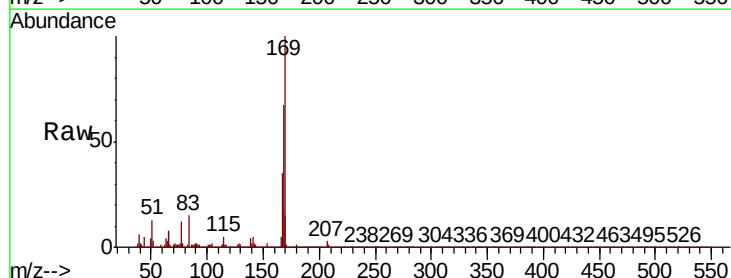
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

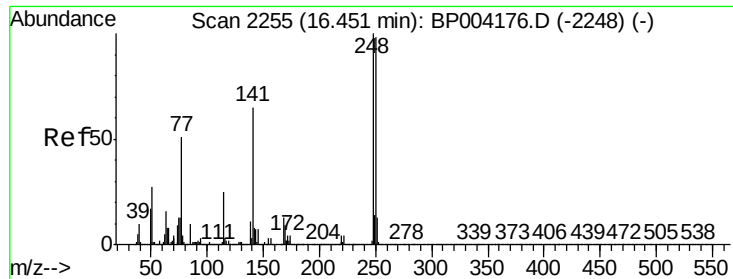
Tot Ion:198 Resp: 26542
Ion Ratio Lower Upper
198 100
182 11.4 3.8 5.6#
77 48.5 19.7 29.5#



#67
N-Nitrosodiphenylamine
Concen: 2.697 ng/ul
RT: 15.75 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion:169 Resp: 202074
Ion Ratio Lower Upper
169 100
168 67.2 52.7 79.1
167 35.4 28.2 42.2

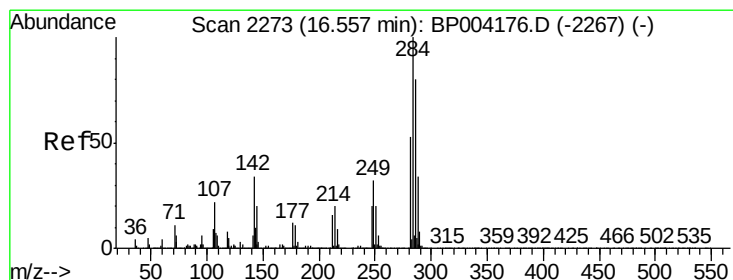
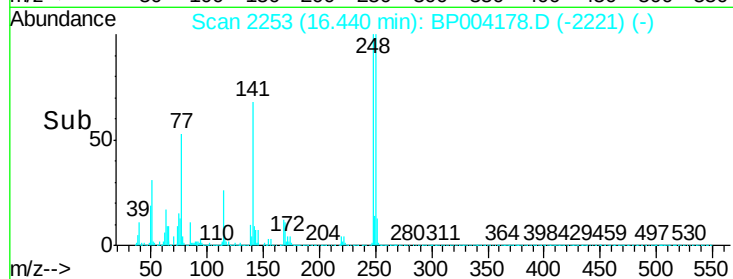
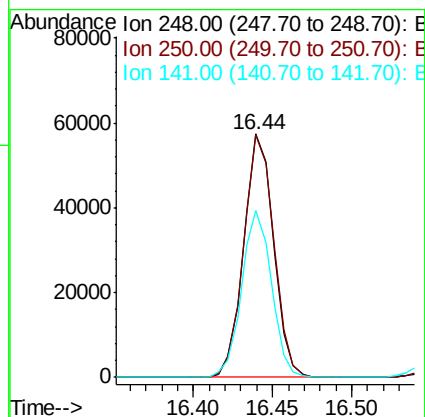
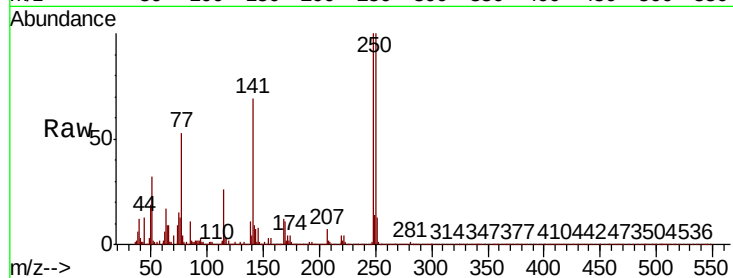




#68
4-Bromophenyl-phenylether
Concen: 2.568 ng/ul
RT: 16.44 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

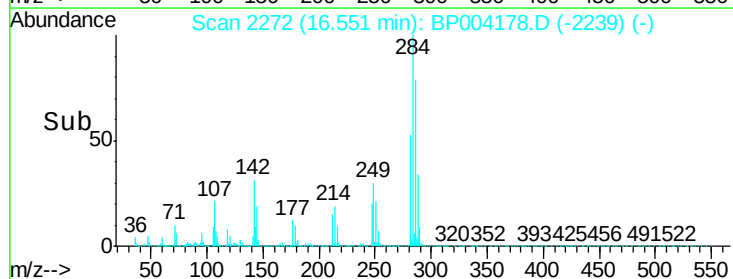
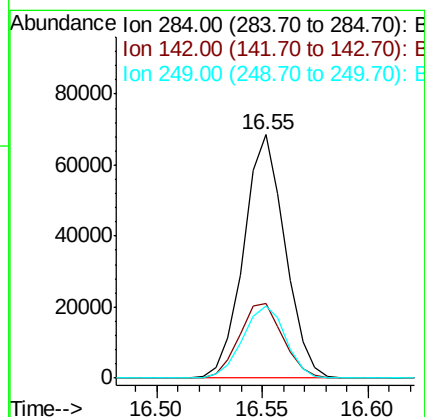
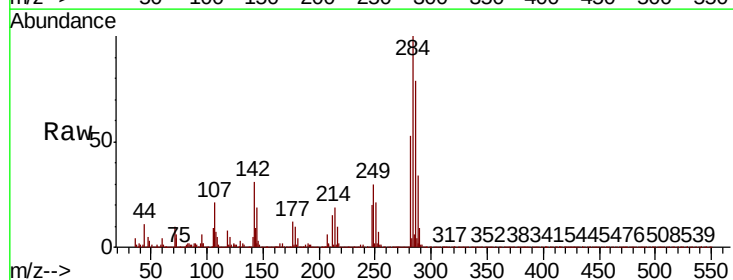
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

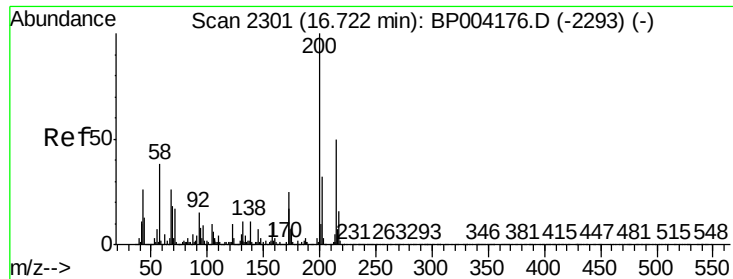
Tot Ion:248 Resp: 74843
Ion Ratio Lower Upper
248 100
250 99.7 75.5 113.3
141 68.5 53.2 79.8



#69
Hexachlorobenzene
Concen: 2.859 ng/ul
RT: 16.55 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion:284 Resp: 92921
Ion Ratio Lower Upper
284 100
142 30.7 25.4 38.0
249 29.9 25.4 38.2





#70

Atrazine

Concen: 1.929 ng/ul

RT: 16.71 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

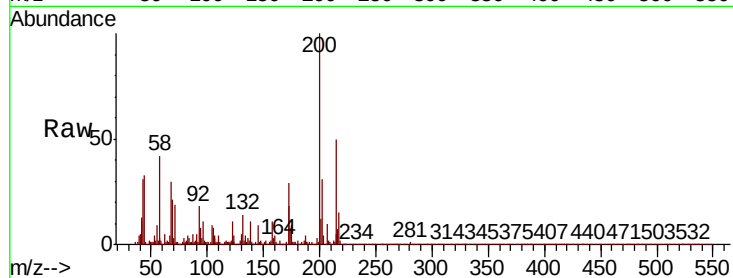
BNA_P

ClientSampleId :

MDL-SOIL-04

Tot Ion:200 Resp: 56480

Ion	Ratio	Lower	Upper
200	100		
173	28.9	21.4	32.0
215	50.1	39.9	59.9

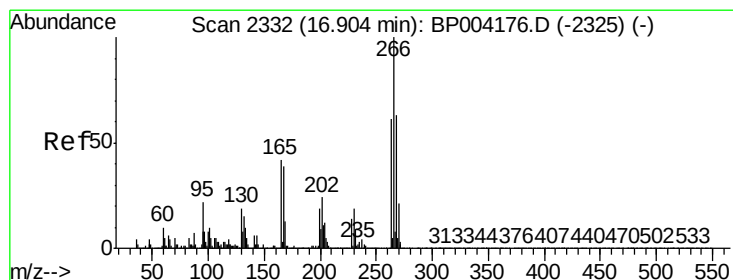
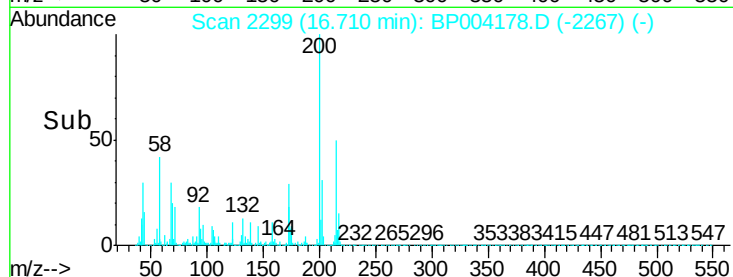
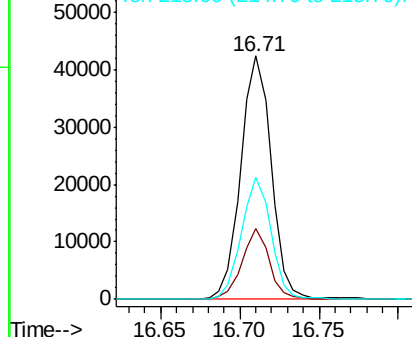


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71

Pentachlorophenol

Concen: 1.578 ng/ul

RT: 16.89 min Scan# 2330

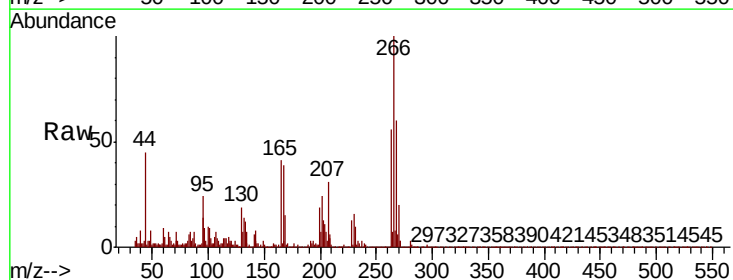
Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Tgt Ion:266 Resp: 24496

Ion	Ratio	Lower	Upper
266	100		
264	56.2	49.2	73.8
268	60.2	50.0	75.0

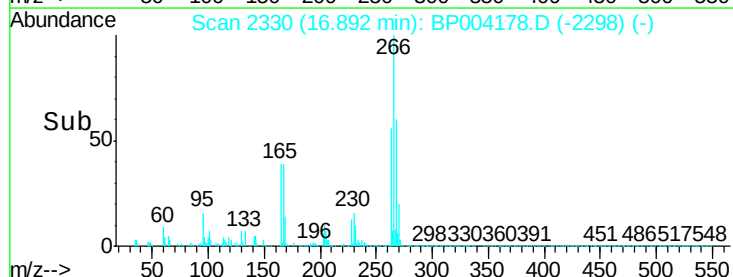
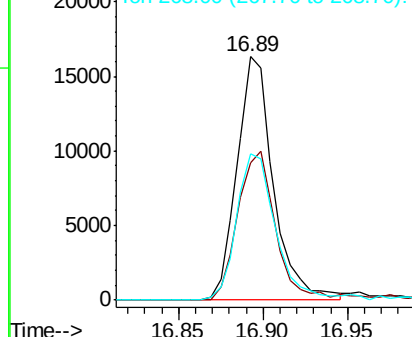


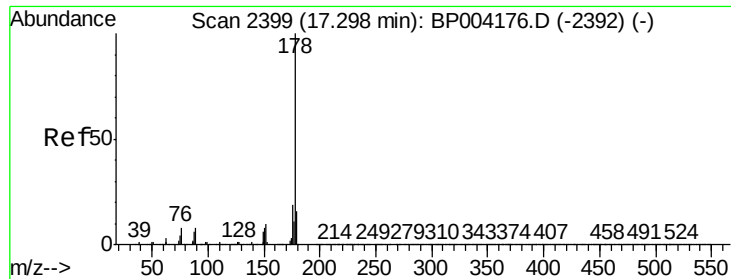
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 2.943 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

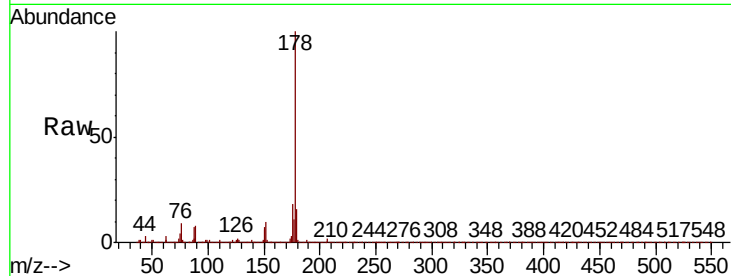
Tot Ion:178 Resp: 412245

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

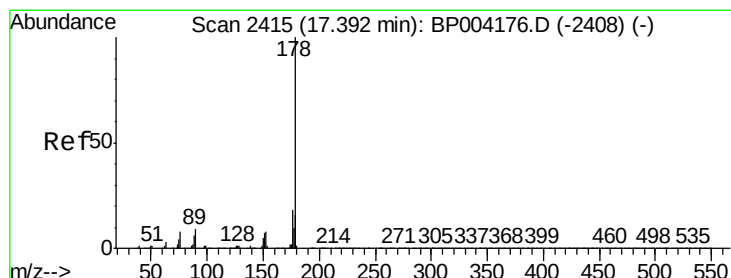
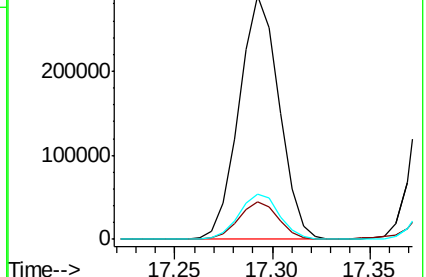
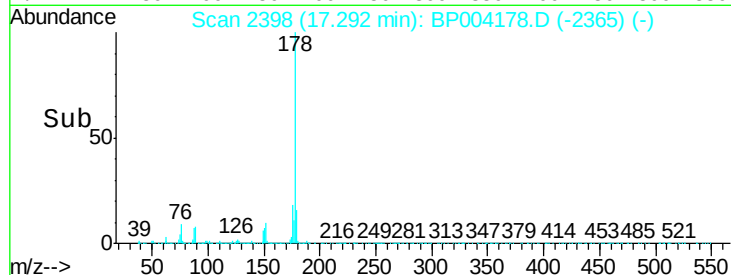
176 18.5 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Anthracene

Concen: 2.848 ng/ul

RT: 17.39 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

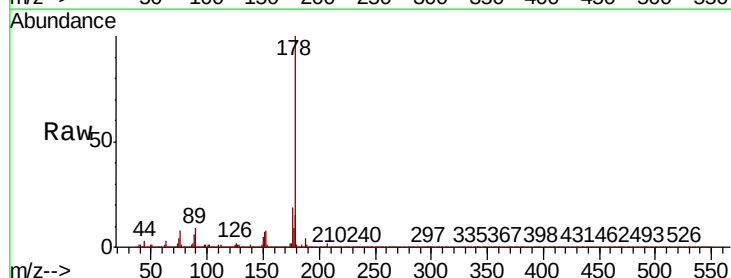
Tgt Ion:178 Resp: 406480

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

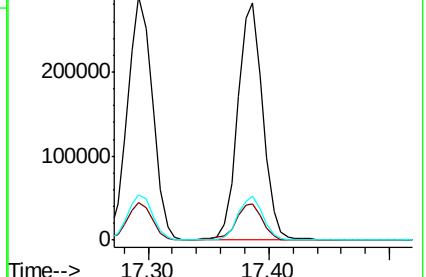
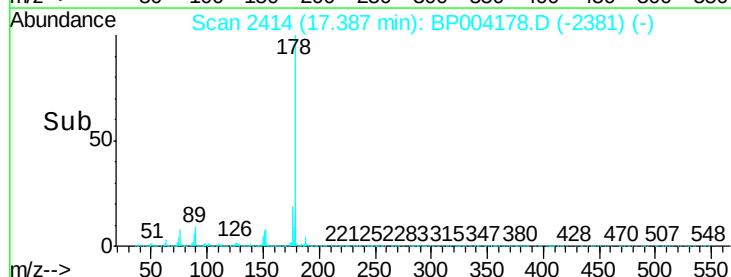
176 18.6 14.6 22.0

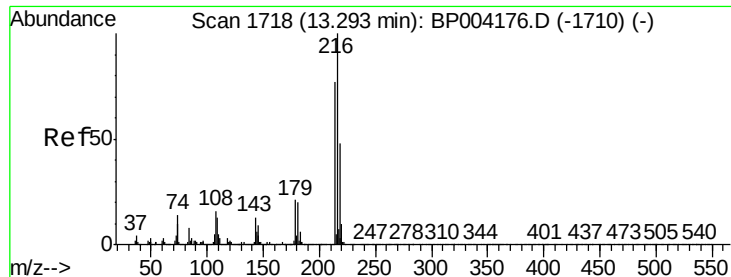


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.985 ng/uL

RT: 13.28 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

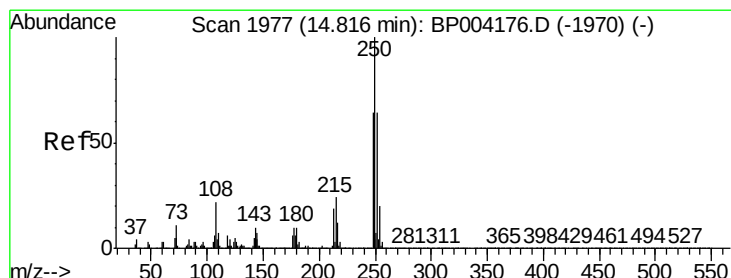
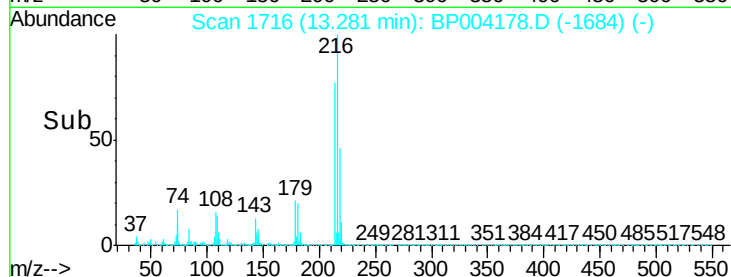
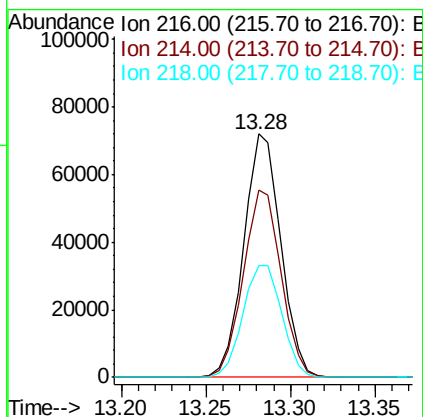
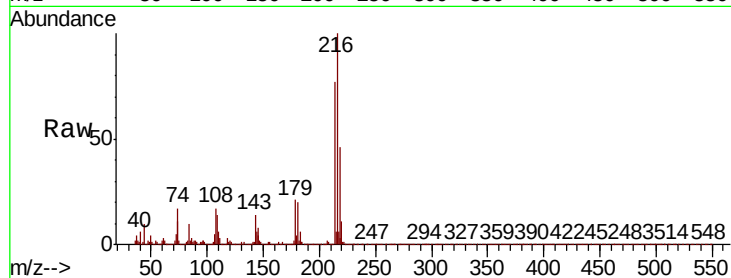
Tot Ion:216 Resp: 110336

Ion Ratio Lower Upper

216 100

214 77.1 62.5 93.7

218 46.0 38.3 57.5



#76

Pentachlorobenzene

Concen: 2.871 ng/uL

RT: 14.81 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

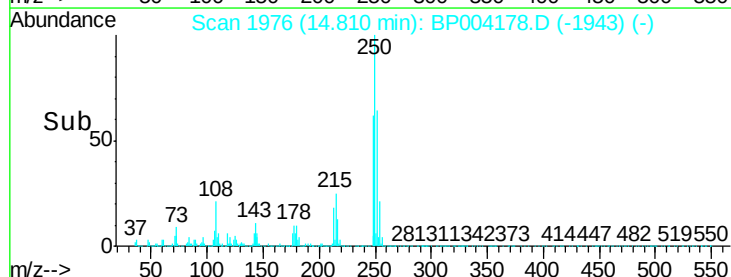
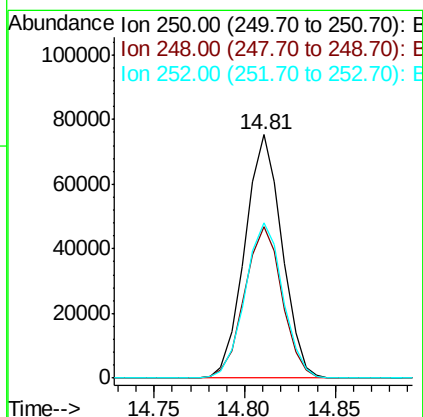
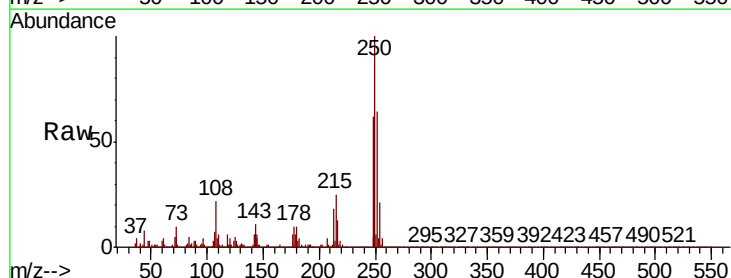
Tgt Ion:250 Resp: 107249

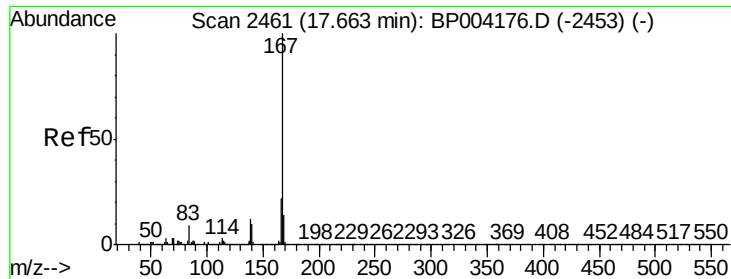
Ion Ratio Lower Upper

250 100

248 62.0 50.5 75.7

252 63.6 50.4 75.6

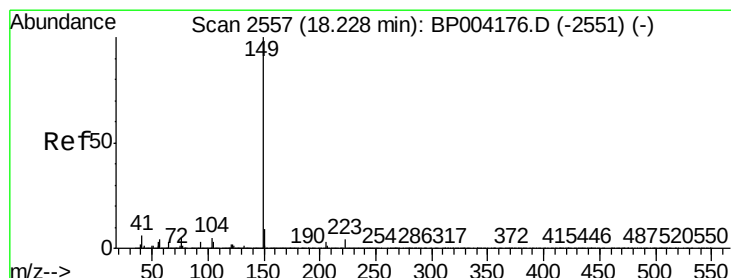
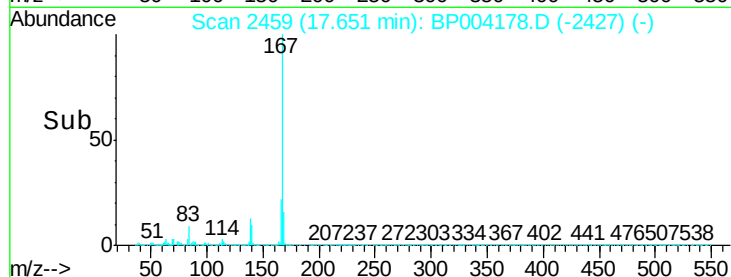
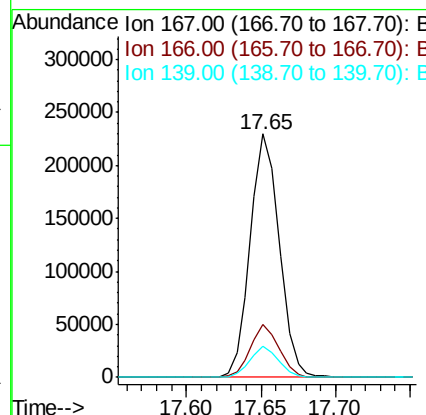
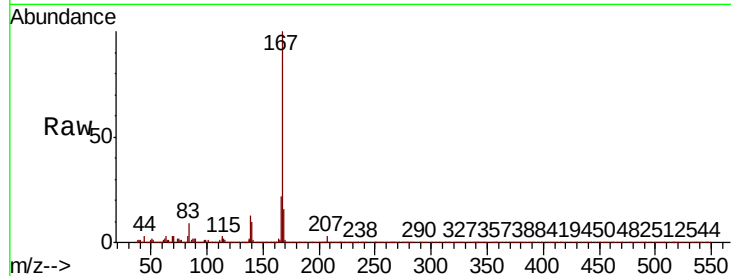




#77
 Carbazole
 Concen: 2.554 ng/ul
 RT: 17.65 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BP004178.D
 Acq: 07 Dec 2020 12:26

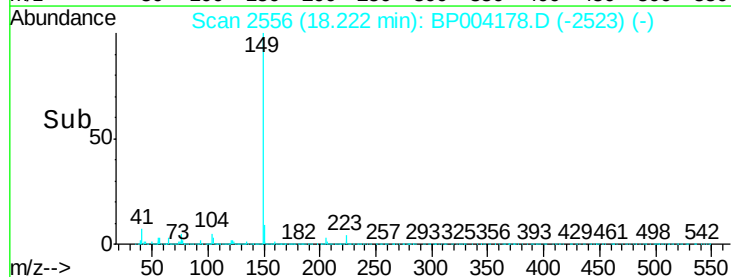
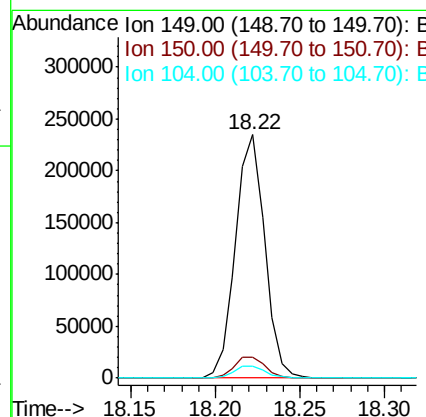
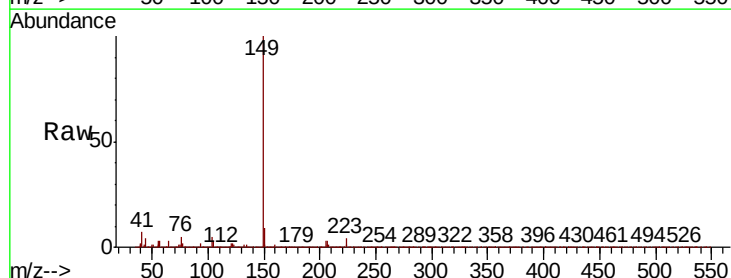
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-04

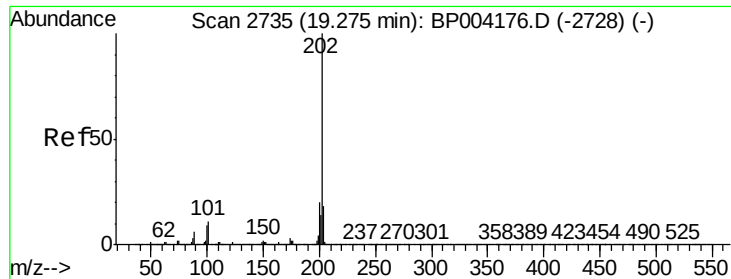
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	13.0	9.8	14.8



#78
 Di-n-butylphthalate
 Concen: 1.794 ng/ul
 RT: 18.22 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BP004178.D
 Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.4	11.0
104	4.9	3.8	5.8





#80

Fluoranthene

Concen: 2.612 ng/ul

RT: 19.26 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

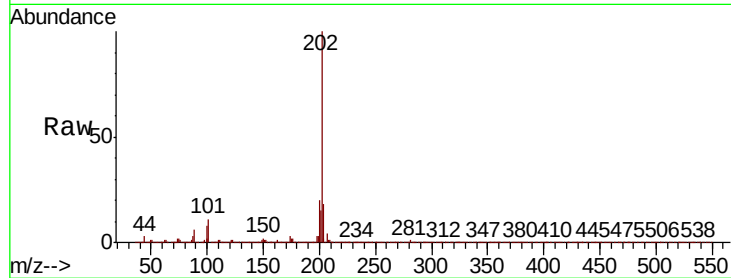
Tot Ion:202 Resp: 430034

Ion Ratio Lower Upper

202 100

101 10.6 8.6 12.8

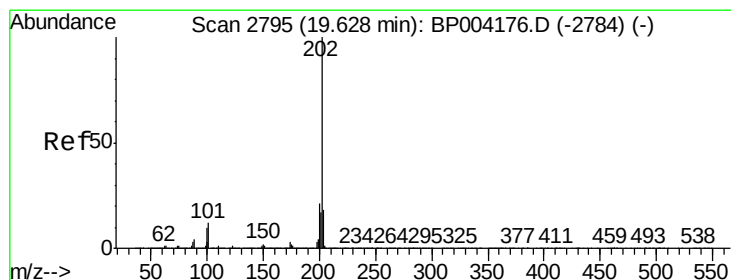
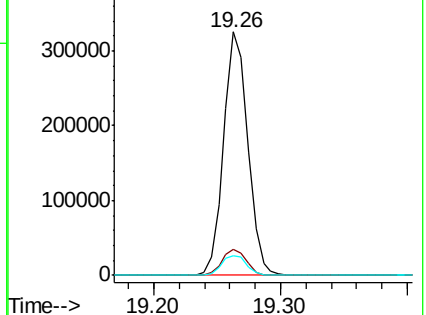
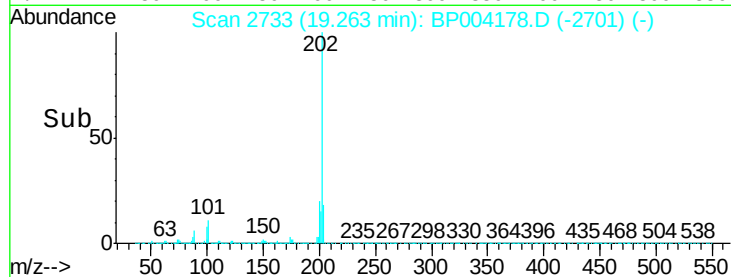
100 8.3 6.6 9.8



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



#82

Pyrene

Concen: 2.985 ng/ul

RT: 19.62 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

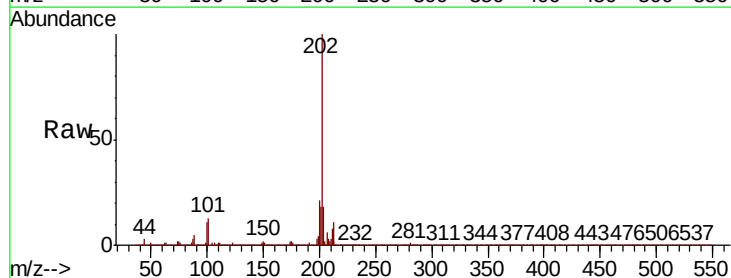
Tgt Ion:202 Resp: 499305

Ion Ratio Lower Upper

202 100

101 12.6 10.0 15.0

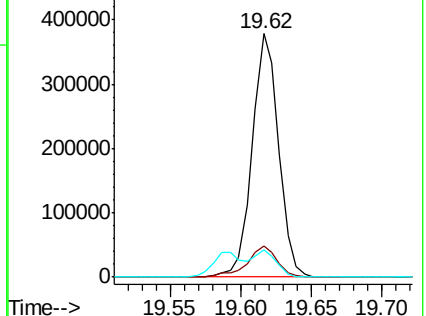
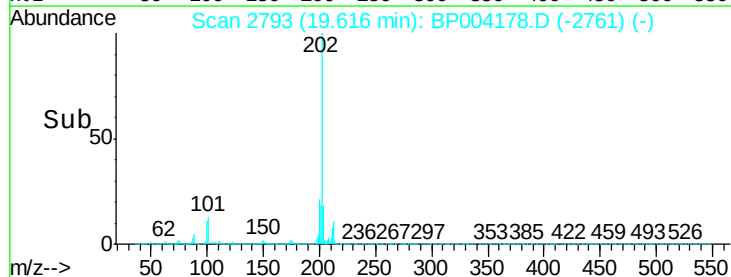
100 11.1 8.2 12.2

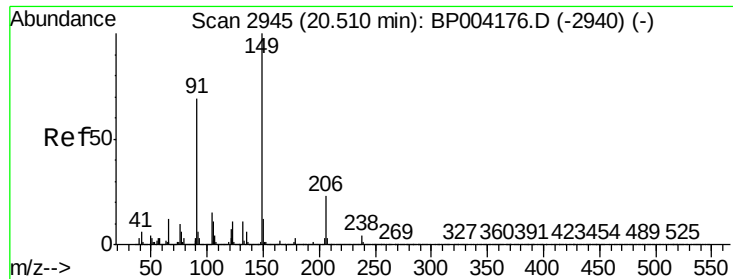


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

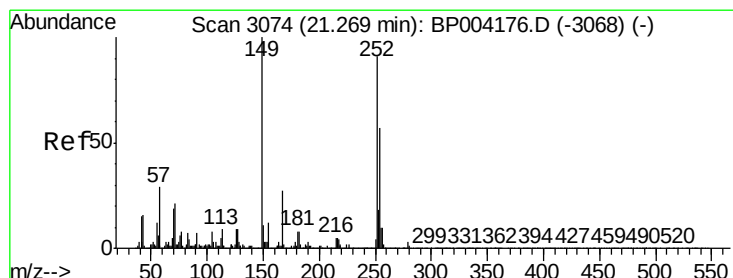
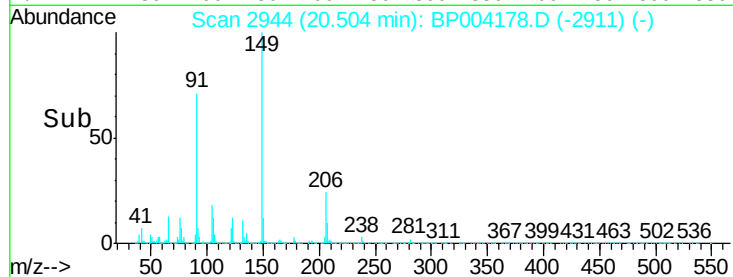
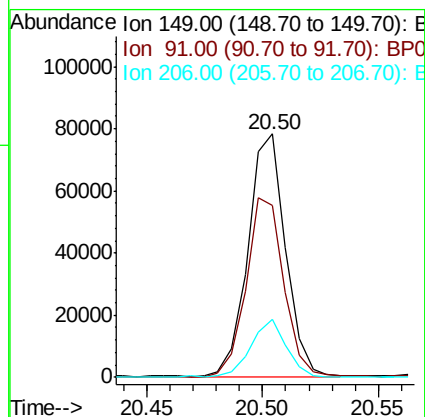
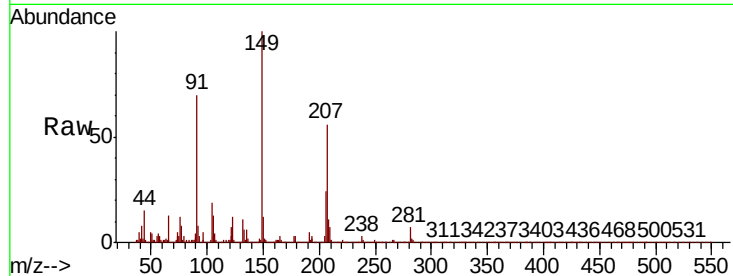




#83
 Butylbenzylphthalate
 Concen: 1.304 ng/ul
 RT: 20.50 min Scan# 2944
 Delta R.T. -0.01 min
 Lab File: BP004178.D
 Acq: 07 Dec 2020 12:26

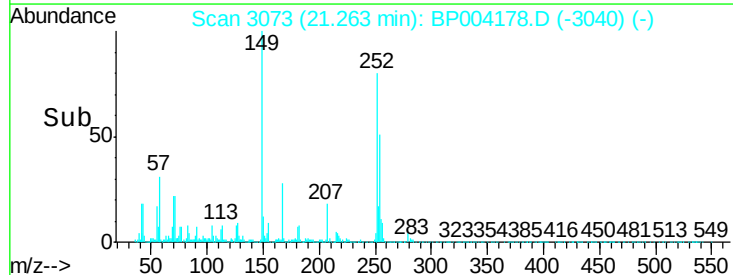
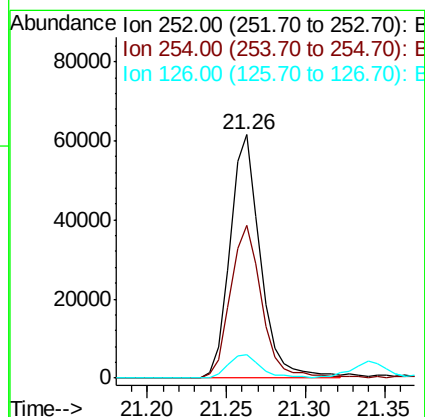
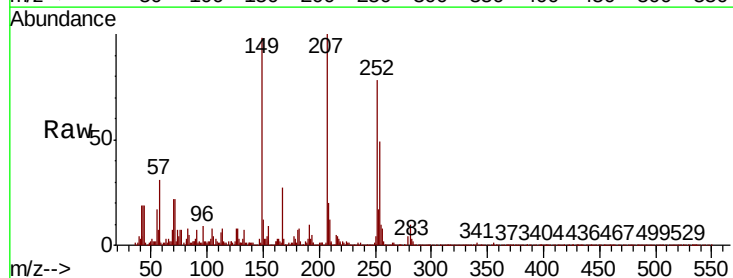
Instrument :
 BNA_P
 ClientSampleID :
 MDL-SOIL-04

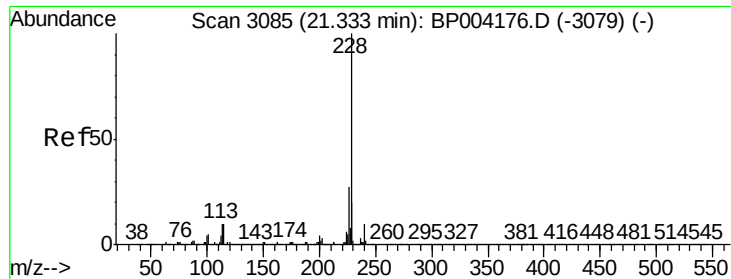
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.8	85.2
206	23.7	17.9	26.9



#84
 3,3'-Dichlorobenzidine
 Concen: 1.446 ng/ul
 RT: 21.26 min Scan# 3073
 Delta R.T. -0.01 min
 Lab File: BP004178.D
 Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.8	77.8
126	9.6	8.5	12.7

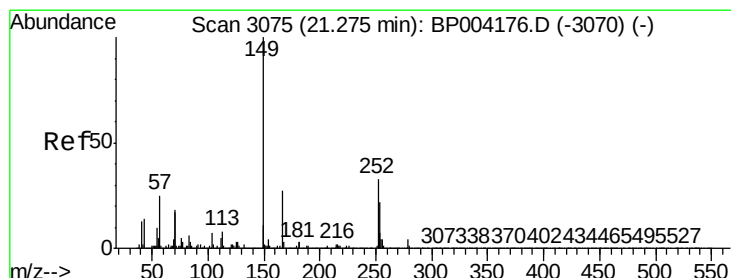
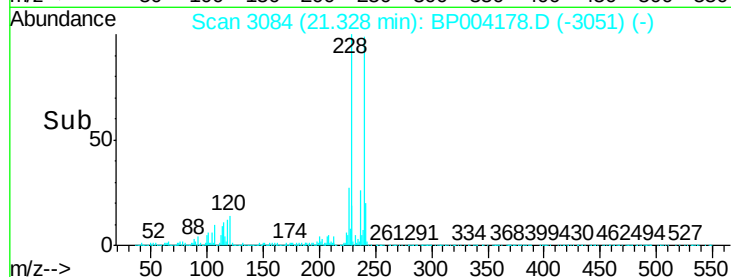
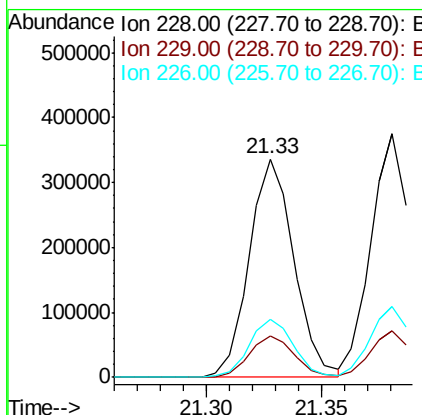
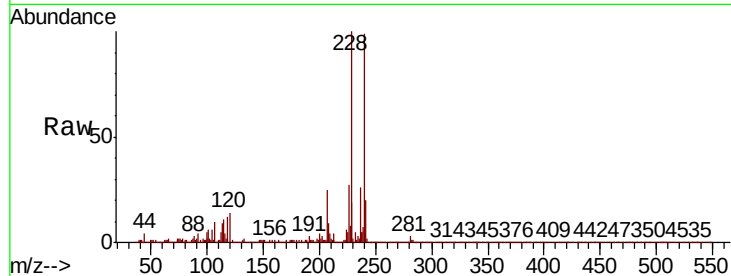




#85
Benzo(a)anthracene
Concen: 2.730 ng/ul
RT: 21.33 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

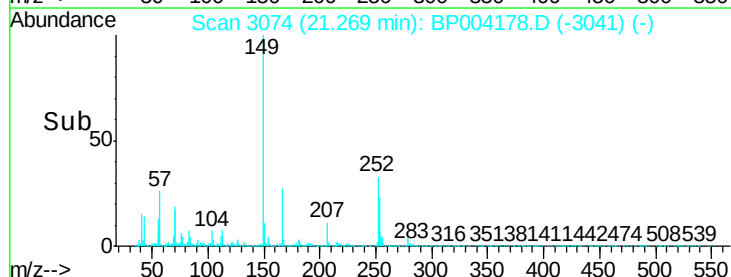
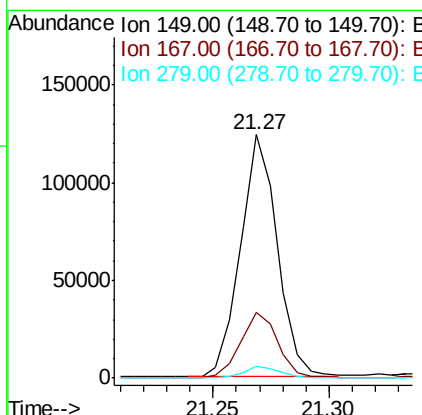
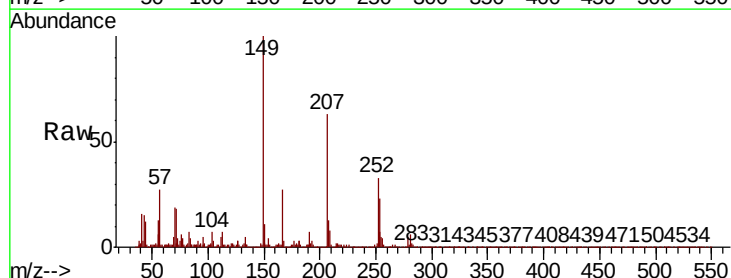
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

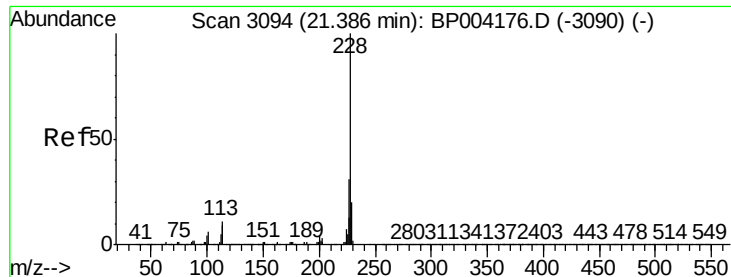
Tot Ion:	228	Resp:	453915
Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.9	23.9
226	26.7	22.0	33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.351 ng/ul
RT: 21.27 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion:	149	Resp:	138502
Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.9	34.3
279	4.9	3.8	5.6

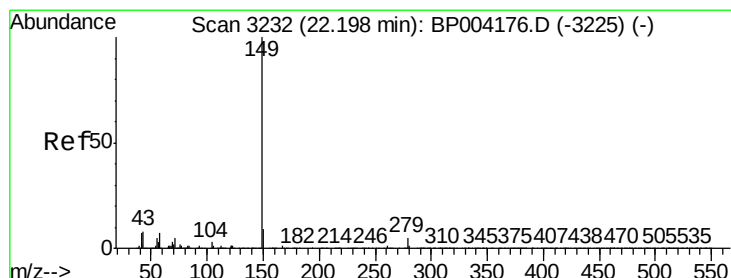
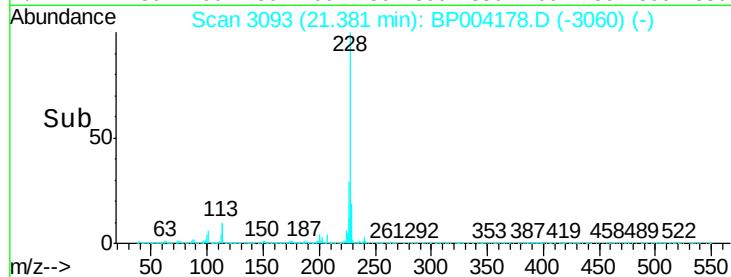
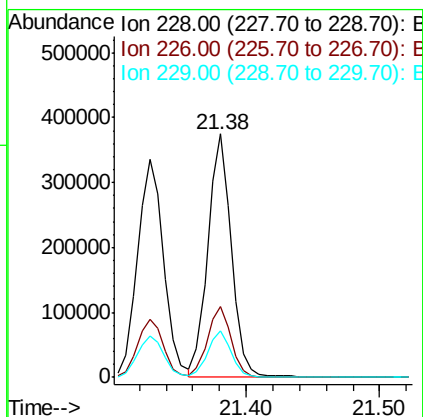
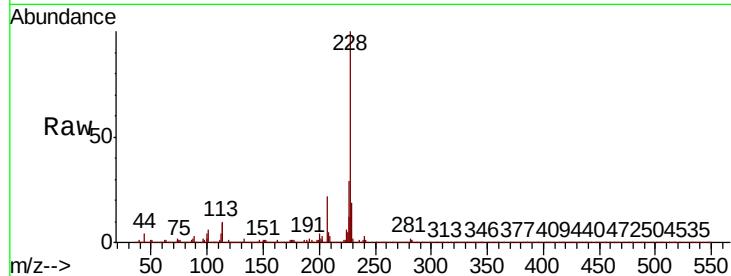




#87
Chrysene
Concen: 2.891 ng/ul
RT: 21.38 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

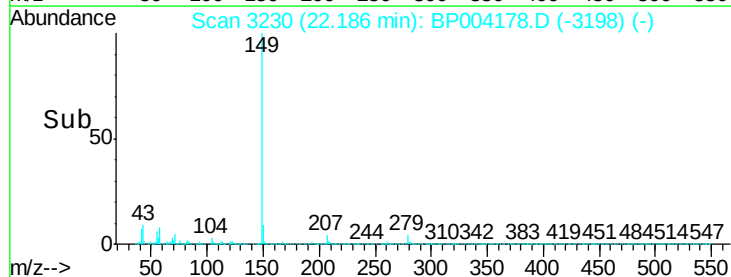
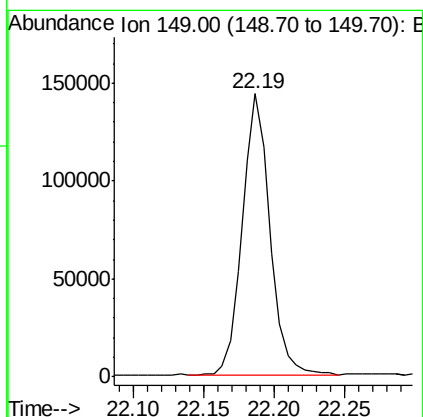
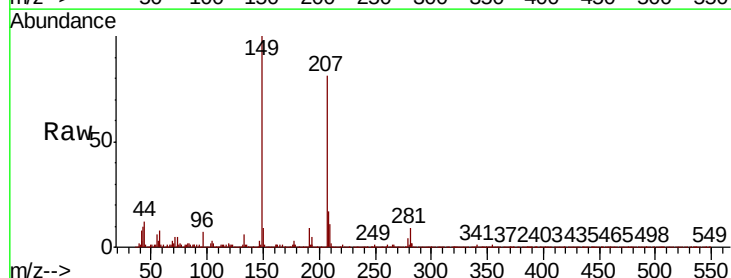
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

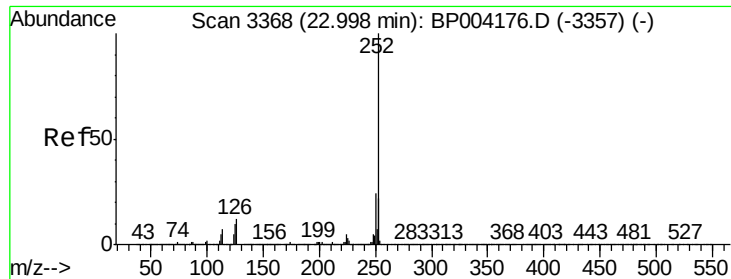
Tot Ion:228 Resp: 460468
Ion Ratio Lower Upper
228 100
226 29.2 24.1 36.1
229 19.0 15.7 23.5



#89
Di-n-octyl phthalate
Concen: 1.271 ng/ul
RT: 22.19 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion:149 Resp: 196696





#90

Benzo(b)fluoranthene

Concen: 2.455 ng/ul

RT: 22.99 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-04

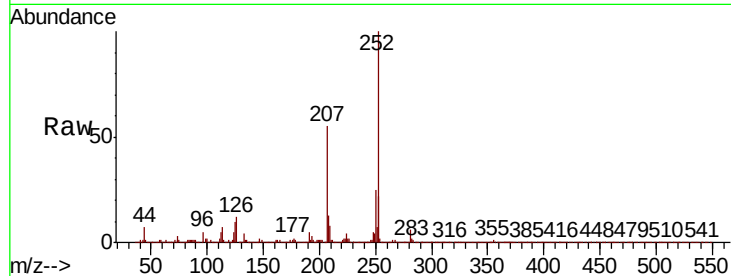
Tot Ion:252 Resp: 409466

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

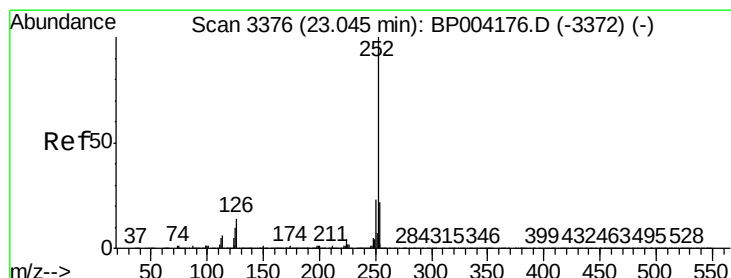
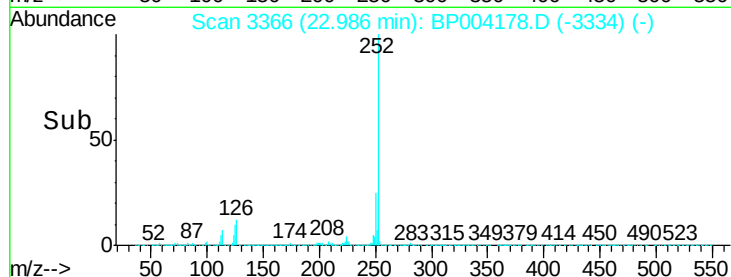
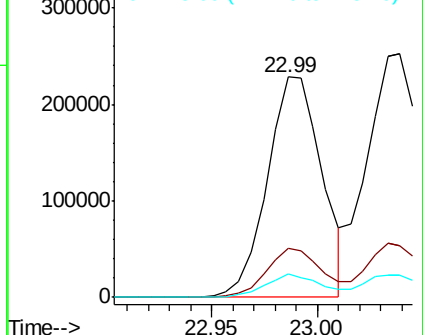
125 10.4 7.9 11.9



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(k)fluoranthene

Concen: 2.945 ng/ul

RT: 23.04 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BP004178.D

Acq: 07 Dec 2020 12:26

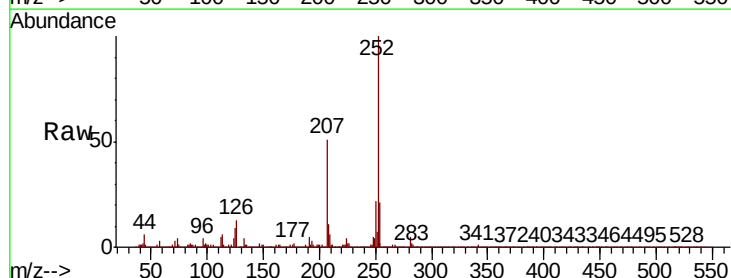
Tgt Ion:252 Resp: 475711

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

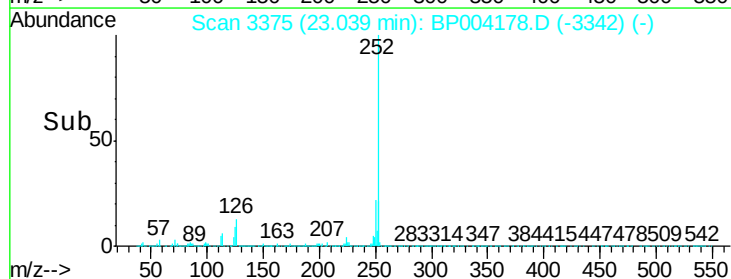
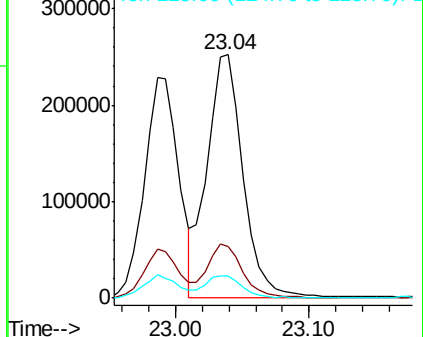
125 9.3 7.8 11.8

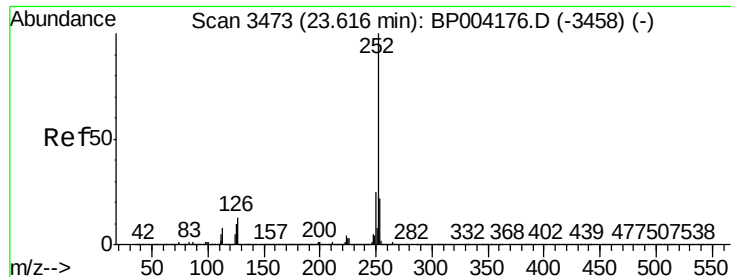


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

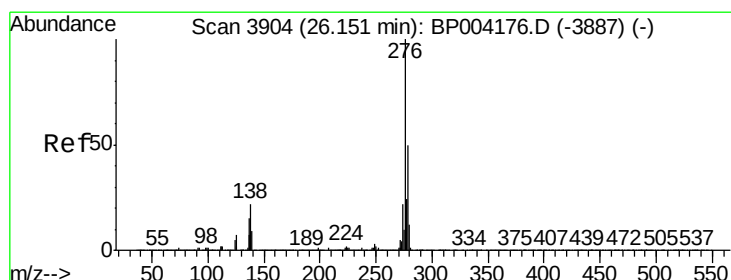
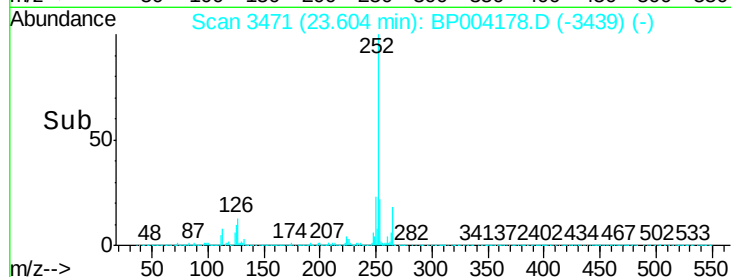
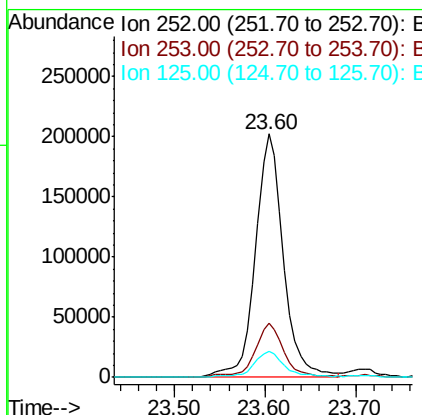
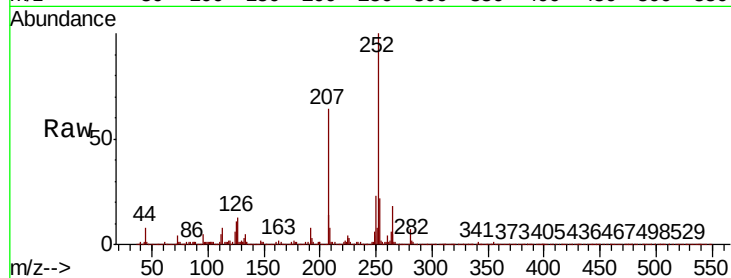




#93
Benzo(a)pyrene
Concen: 2.823 ng/ul
RT: 23.60 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

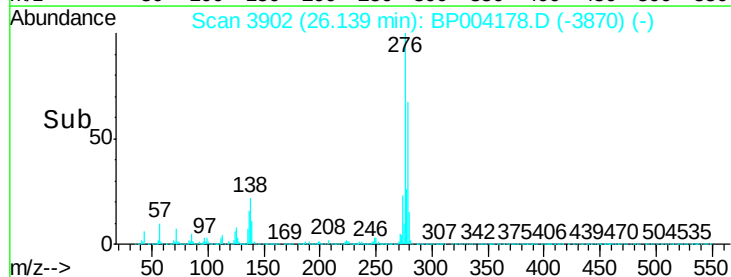
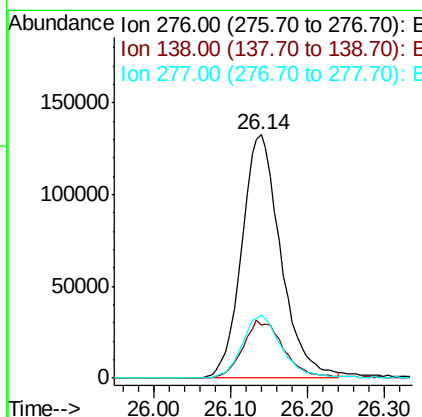
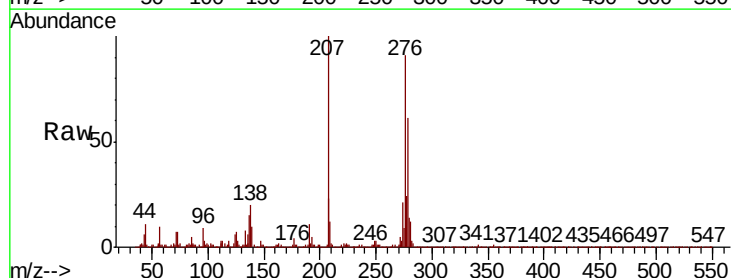
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

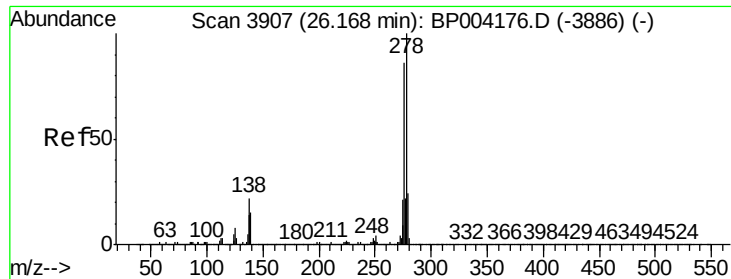
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.5	8.3	12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.400 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.0
277	26.0	20.1	30.1

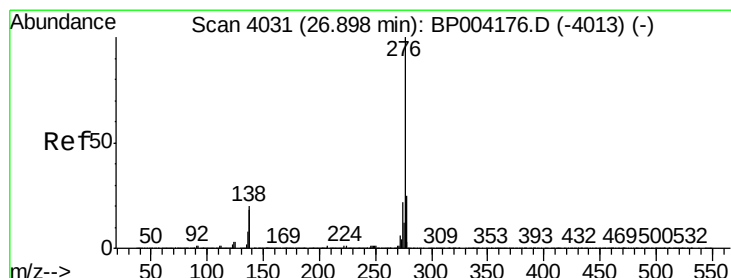
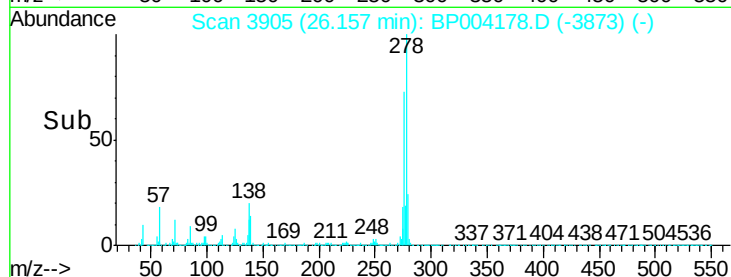
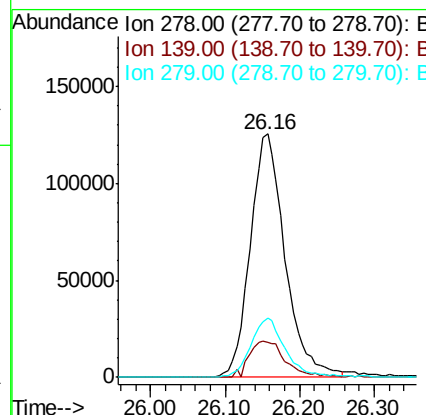
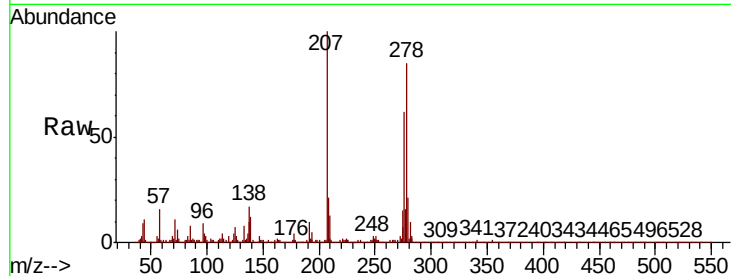




#95
Dibenzo(a,h)anthracene
Concen: 2.480 ng/ul
RT: 26.16 min Scan# 3905
Delta R.T. -0.01 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-04

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.3	18.5
279	24.2	19.1	28.7



#96
Benzo(g,h,i)perylene
Concen: 2.414 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. -0.02 min
Lab File: BP004178.D
Acq: 07 Dec 2020 12:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.2	24.4
277	24.1	19.0	28.6

