

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120820\
 Data File : BP004195.D
 Acq On : 08 Dec 2020 11:49
 Operator : CG/JU
 Sample : L4485-07
 Misc : MDL-SOIL-07
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

Quant Time: Dec 08 12:17:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 06:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	412348	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1729526	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1056809	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.25	188	2272639	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2310065	20.00	ng/ul	0.00
88) Perylene-d12	23.70	264	2408099	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	49007	4.57	ng/uL	0.00
4) Pyridine-d5	3.74	84	752761	24.69	ng/ul	0.00
7) Phenol-d5	7.00	99	1194313	32.40	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	788970	37.02	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	921299	32.12	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	964917	33.22	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	499012	35.39	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	411568	31.97	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.25	165	874414	30.86	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.77	131	1326128	31.90	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	2892056	34.46	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	3751540	36.37	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	408582	29.74	ng/ul	-0.01
60) Fluorene-d10	15.49	176	2484658	33.85	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	271898	29.44	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3831215	34.30	ng/ul	0.00
81) Pyrene-d10	19.59	212	4291465	35.31	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.56	264	4178407	32.30	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.38	88	9532	0.820	ng/uL# 77
5) Pyridine	3.76	79	101787	3.302	ng/ul# 54
6) Benzaldehyde	6.98	77	85771	5.236	ng/ul 95
8) Phenol	7.03	94	110972	2.942	ng/ul 98
10) Bis(2-Chloroethyl)ether	7.27	93	99508	3.288	ng/ul 96
12) 2-Chlorophenol	7.40	128	82721	2.852	ng/ul 99
13) 2-Methylphenol	8.28	108	72284	2.518	ng/ul 93
14) 2,2'-oxybis(1-Chloropropan	8.38	45	118860	3.296	ng/ul 96
16) Acetophenone	8.66	105	142766	3.173	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.65	70	64995	2.750	ng/ul 97
18) 4-Methylphenol	8.60	108	84297	2.755	ng/ul 97
19) Hexachloroethane	8.92	117	37997	3.059	ng/ul 97
22) Nitrobenzene	9.04	77	108569	3.159	ng/ul 98
23) Isophorone	9.56	82	176691	2.545	ng/ul 99
25) 2-Nitrophenol	9.75	139	40983	2.971	ng/ul 95
26) 2,4-Dimethylphenol	9.81	107	84938	2.539	ng/ul 96
27) Bis(2-Chloroethoxy)methane	10.05	93	123777	2.996	ng/ul 97
29) 2,4-Dichlorophenol	10.28	162	79771	2.915	ng/ul 90
30) Naphthalene	10.69	128	306329	3.168	ng/ul 99
32) 4-Chloroaniline	10.79	127	117655	2.963	ng/ul 98
33) Hexachlorobutadiene	10.98	225	59008	3.004	ng/ul 96
34) Caprolactam	11.57	113	15747	1.559	ng/ul 88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	60814	2.001	ng/ul	96
36) 2-Methylnaphthalene	12.30	142	205279	3.013	ng/ul	97
37) 1-Methylnaphthalene	12.52	142	198201	3.027	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	113852	3.208	ng/ul	98
40) Hexachlorocyclopentadiene	12.66	237	52137	2.350	ng/ul	96
41) 2,4,6-Trichlorophenol	12.91	196	41891	2.050	ng/ul	99
42) 2,4,5-Trichlorophenol	12.97	196	46301	2.104	ng/ul	94
43) 1,1'-Biphenyl	13.32	154	272730	3.227	ng/ul	100
44) 2-Chloronaphthalene	13.36	162	218402	3.259	ng/ul	97
45) 2-Nitroaniline	13.56	65	36027	2.190	ng/ul	99
47) Dimethylphthalate	13.95	163	261616	3.070	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	35574	2.300	ng/ul	94
50) Acenaphthylene	14.21	152	326799	3.198	ng/ul	100
51) 3-Nitroaniline	14.39	138	36930	2.559	ng/ul	98
52) Acenaphthene	14.55	153	223307	3.097	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	9373	1.572	ng/ul	93
55) 4-Nitrophenol	14.68	109	28572	2.765	ng/ul#	73
56) Dibenzofuran	14.89	168	320631	3.208	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	53712	2.543	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.11	232	39243	2.186	ng/ul	97
59) Diethylphthalate	15.32	149	226266	2.631	ng/ul	97
61) Fluorene	15.54	166	260092	3.136	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.54	204	134301	3.104	ng/ul	96
63) 4-Nitroaniline	15.55	138	39961	2.929	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.61	198	27990	2.716	ng/ul#	77
67) N-Nitrosodiphenylamine	15.75	169	205323	2.936	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	76861	2.826	ng/ul	96
69) Hexachlorobenzene	16.55	284	94958	3.130	ng/ul	98
70) Atrazine	16.71	200	55942	2.048	ng/ul	98
71) Pentachlorophenol	16.89	266	25173	1.737	ng/ul	97
72) Phenanthrene	17.29	178	418540	3.202	ng/ul	99
74) Anthracene	17.38	178	418098	3.139	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	113912	3.302	ng/uL	98
76) Pentachlorobenzene	14.81	250	111060	3.185	ng/uL	99
77) Carbazole	17.65	167	306311	2.708	ng/ul	99
78) Di-n-butylphthalate	18.22	149	284778	1.931	ng/ul	100
80) Fluoranthene	19.26	202	434774	2.825	ng/ul	98
82) Pyrene	19.62	202	508181	3.251	ng/ul	99
83) Butylbenzylphthalate	20.50	149	83165	1.309	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.26	252	75735	1.445	ng/ul	95
85) Benzo(a)anthracene	21.33	228	460048	2.960	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	136568	1.425	ng/ul	96
87) Chrysene	21.38	228	466407	3.134	ng/ul	99
89) Di-n-octyl phthalate	22.18	149	191162	1.329	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	420544	2.712	ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	461835	3.075	ng/ul	98
93) Benzo(a)pyrene	23.60	252	439462	3.086	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.13	276	469930	2.576	ng/ul	99
95) Dibenzo(a,h)anthracene	26.15	278	406469	2.670	ng/ul	100
96) Benzo(g,h,i)perylene	26.87	276	393432	2.570	ng/ul	99

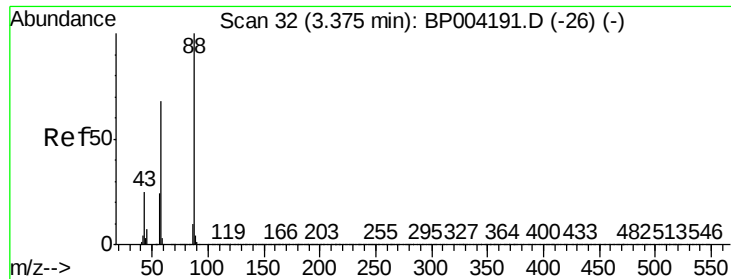
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 0.820 ng/uL

RT: 3.38 min Scan# 32

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

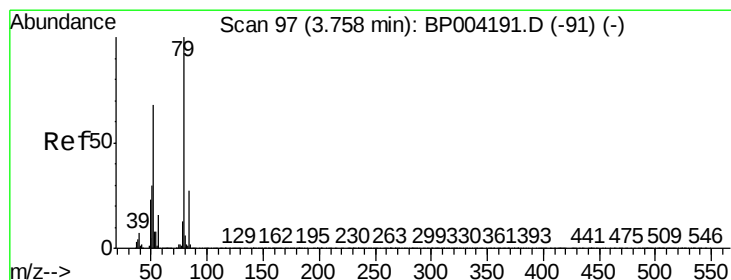
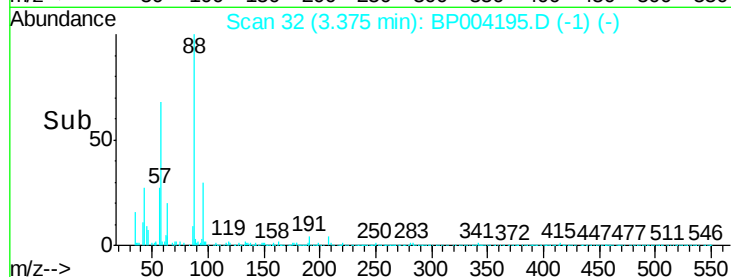
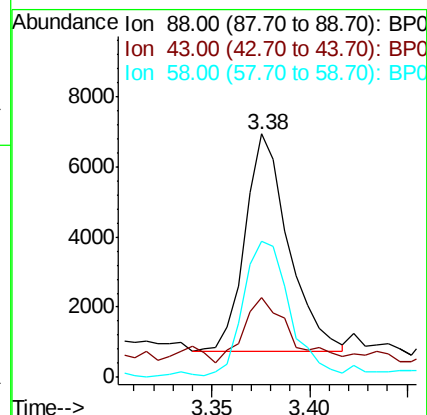
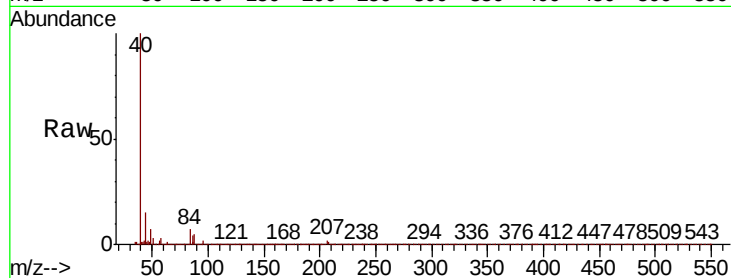
BNA_P

ClientSampleId :

MDL-SOIL-07

Tot Ion: 88 Resp: 9532

Ion	Ratio	Lower	Upper
88	100		
43	33.0	42.5	63.7#
58	55.9	57.0	85.4#



#5

Pyridine

Concen: 3.302 ng/uL

RT: 3.76 min Scan# 97

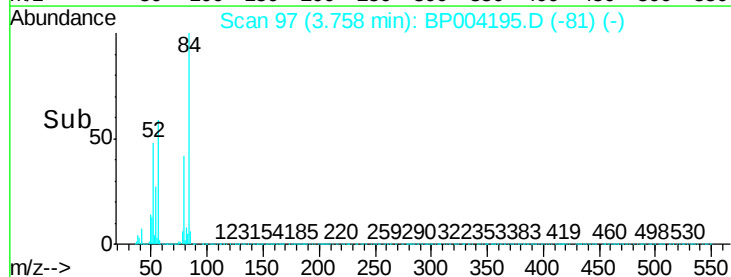
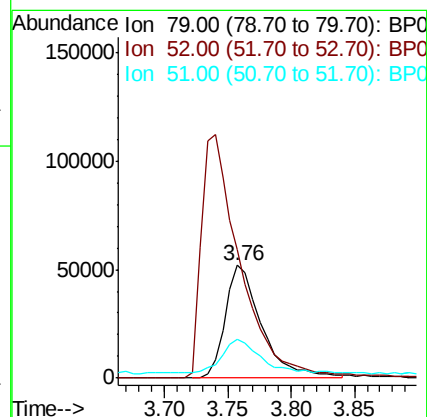
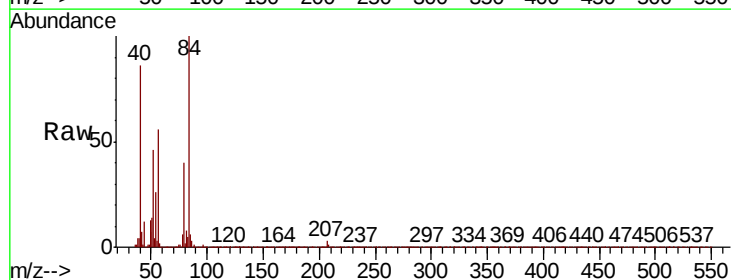
Delta R.T. -0.01 min

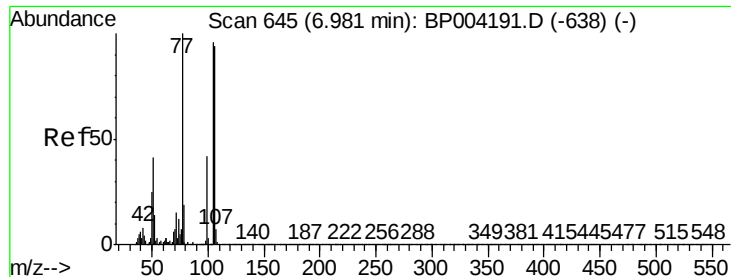
Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Tgt Ion: 79 Resp: 101787

Ion	Ratio	Lower	Upper
79	100		
52	114.0	51.4	77.0#
51	34.3	24.0	36.0





#6

Benzaldehyde

Concen: 5.236 ng/ul

RT: 6.98 min Scan# 645

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

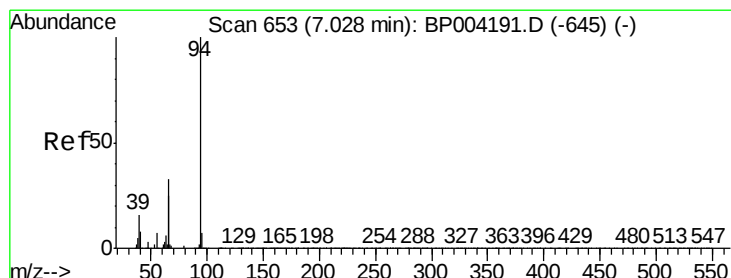
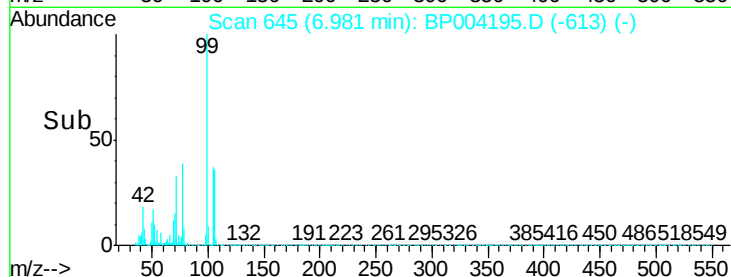
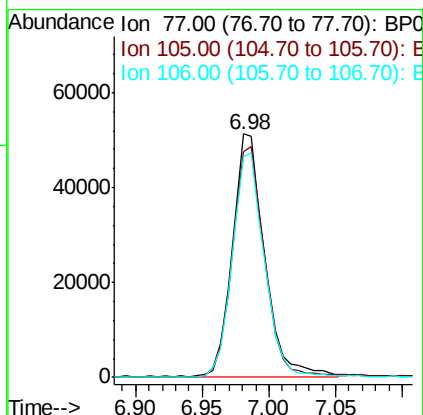
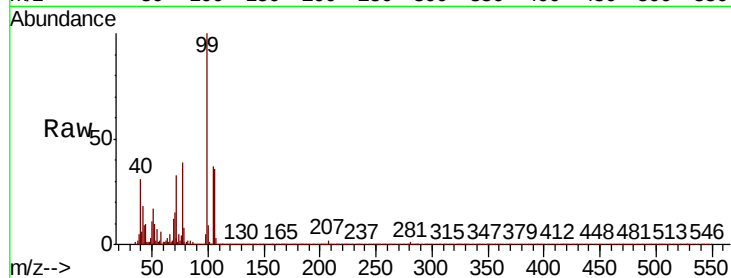
Tot Ion: 77 Resp: 85771

Ion Ratio Lower Upper

77 100

105 92.9 79.8 119.8

106 90.5 75.2 112.8



#8

Phenol

Concen: 2.942 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

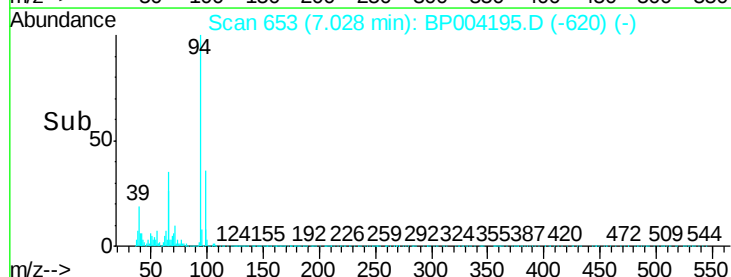
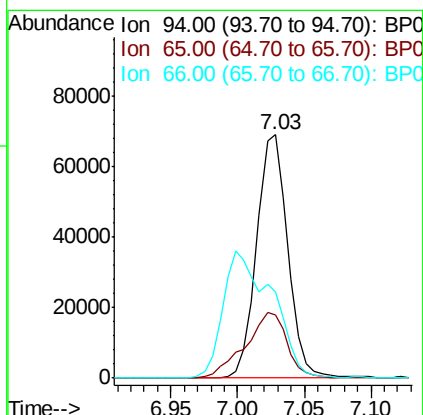
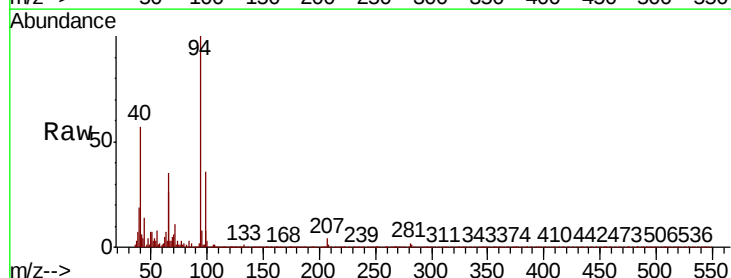
Tgt Ion: 94 Resp: 110972

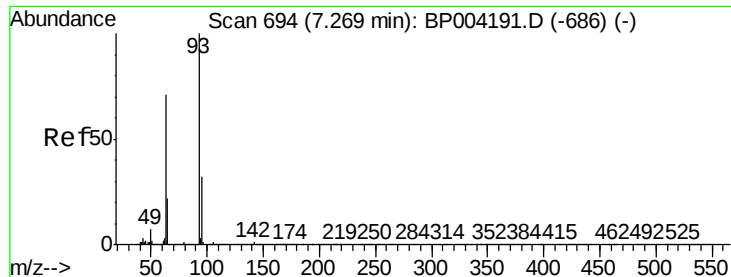
Ion Ratio Lower Upper

94 100

65 25.8 20.8 31.2

66 35.4 27.0 40.6

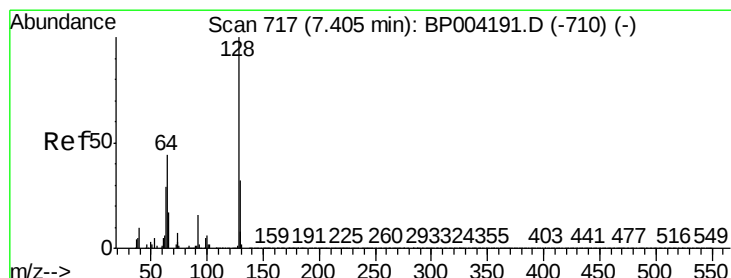
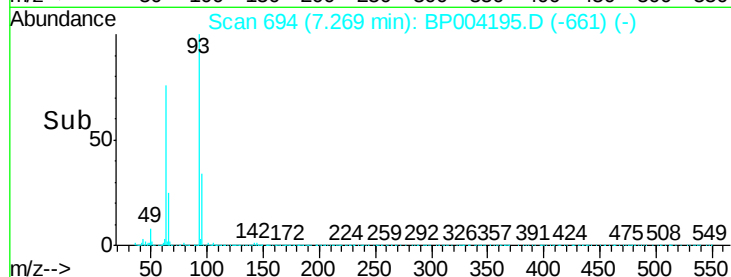
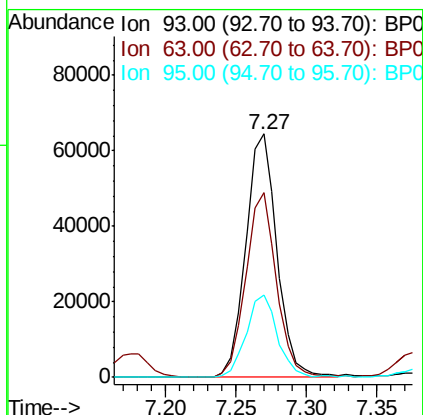
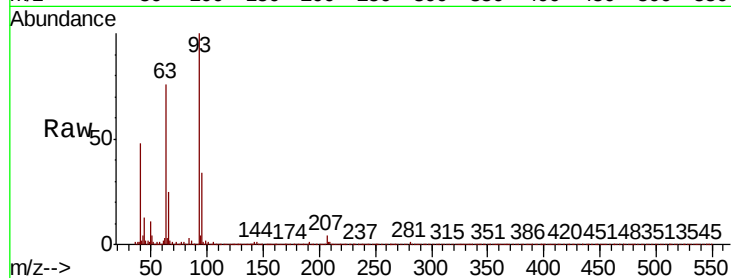




#10
Bis(2-Chloroethyl)ether
Concen: 3.288 ng/ul
RT: 7.27 min Scan# 694
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

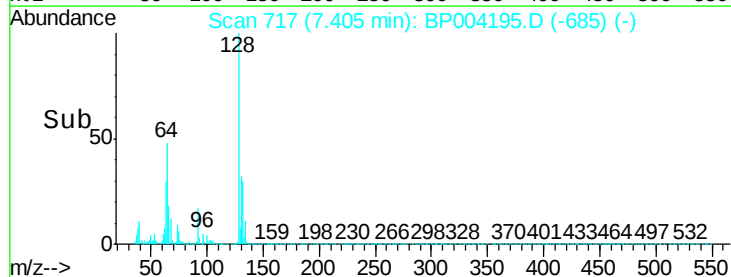
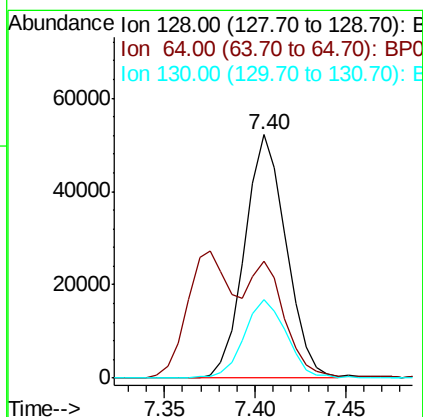
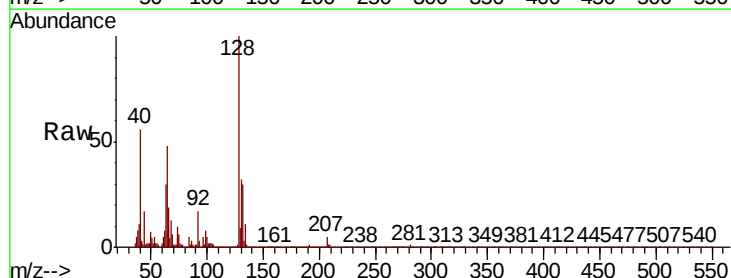
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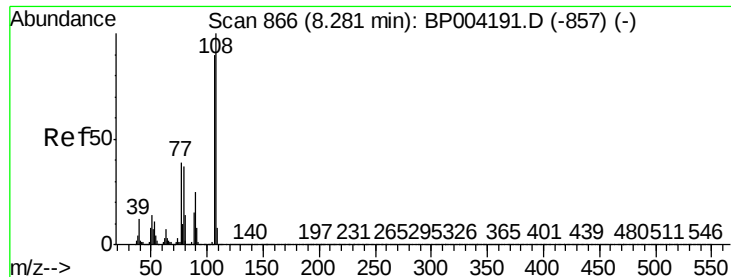
Tot Ion:	93	Resp:	99508
Ion	Ratio	Lower	Upper
93	100		
63	75.9	57.0	85.4
95	33.8	26.8	40.2



#12
2-Chlorophenol
Concen: 2.852 ng/ul
RT: 7.40 min Scan# 717
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion:	128	Resp:	82721
Ion	Ratio	Lower	Upper
128	100		
64	48.1	37.4	56.0
130	32.1	25.4	38.2





#13

2-Methylphenol

Concen: 2.518 ng/ul

RT: 8.28 min Scan# 865

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

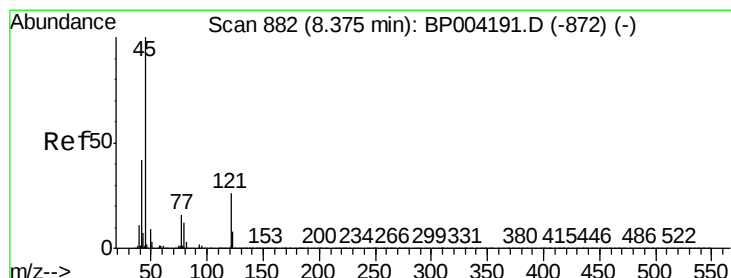
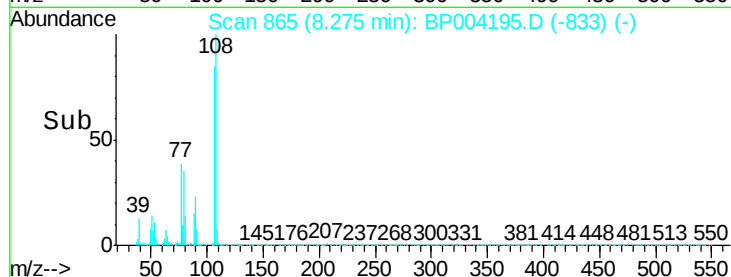
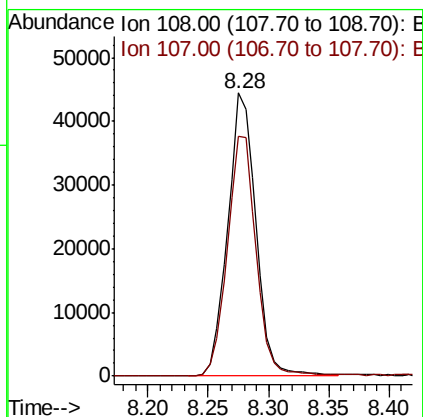
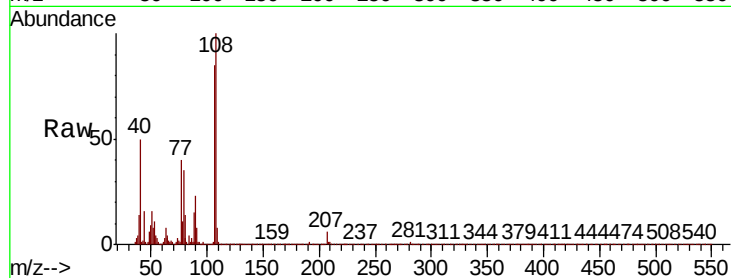
MDL-SOIL-07

Tot Ion:108 Resp: 72284

Ion Ratio Lower Upper

108 100

107 84.7 72.7 109.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.296 ng/ul

RT: 8.38 min Scan# 882

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

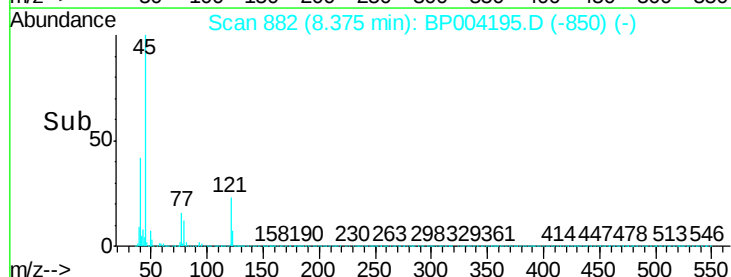
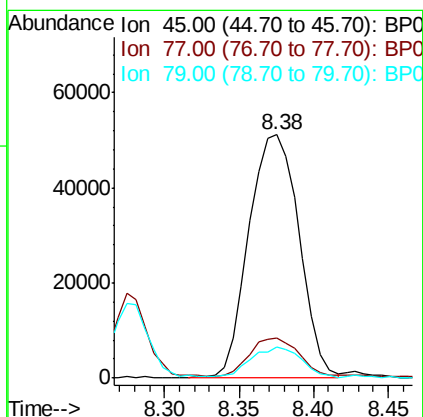
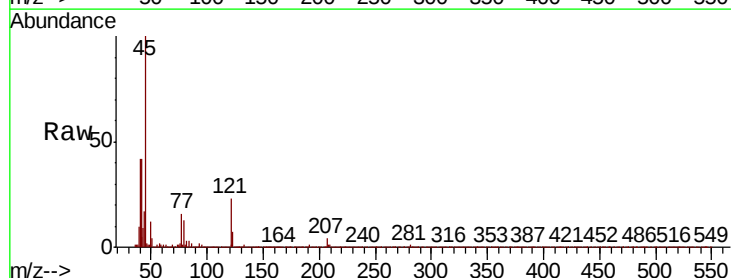
Tgt Ion: 45 Resp: 118860

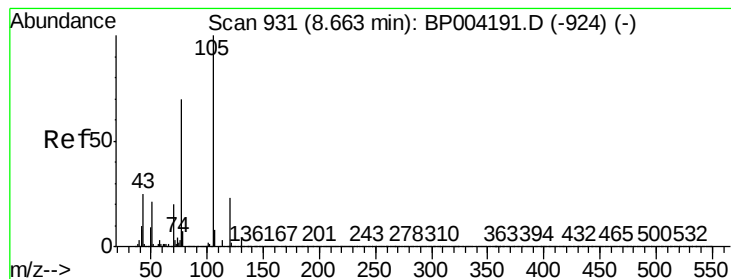
Ion Ratio Lower Upper

45 100

77 16.4 14.2 21.4

79 12.6 11.4 17.2





#16

Acetophenone

Concen: 3.173 ng/ul

RT: 8.66 min Scan# 930

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

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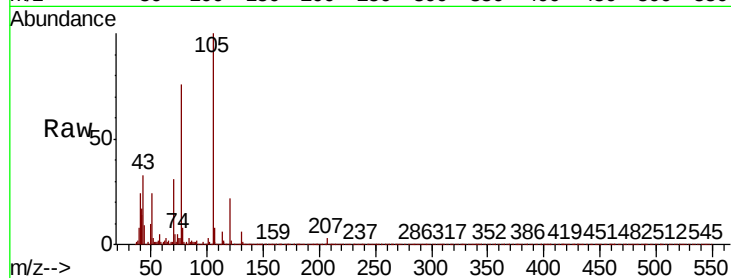
Tot Ion:105 Resp: 142766

Ion Ratio Lower Upper

105 100

77 75.5 60.9 91.3

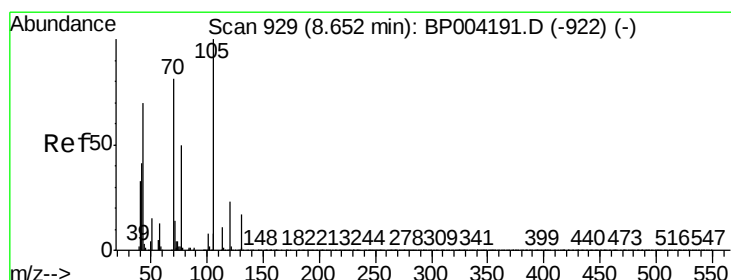
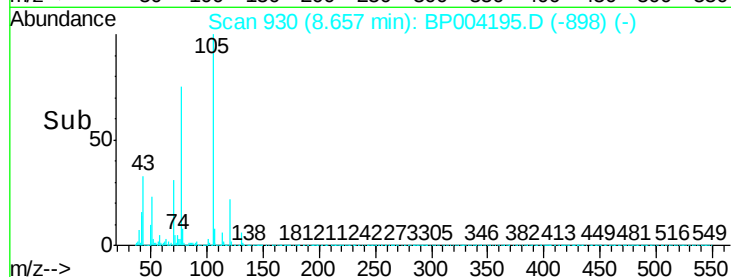
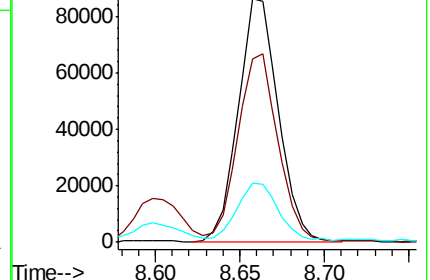
51 24.4 18.2 27.4



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: 2.750 ng/ul

RT: 8.65 min Scan# 928

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Tgt Ion: 70 Resp: 64995

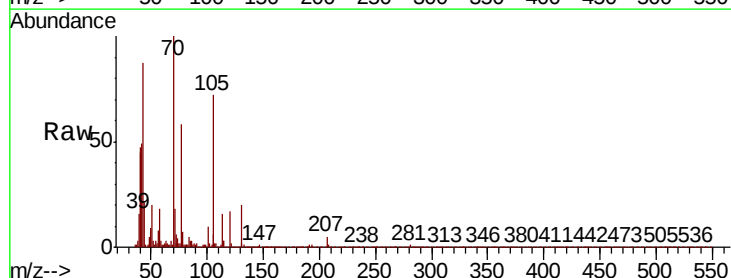
Ion Ratio Lower Upper

70 100

42 49.5 41.4 62.0

101 10.0 8.2 12.2

130 19.9 17.5 26.3

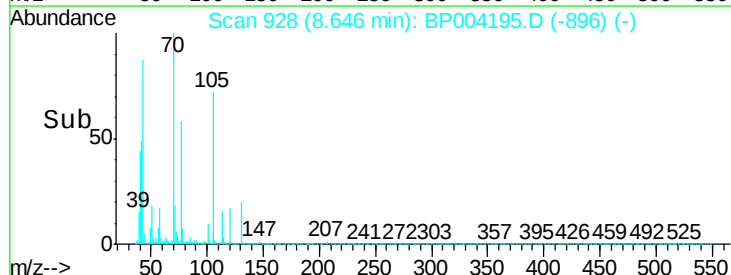
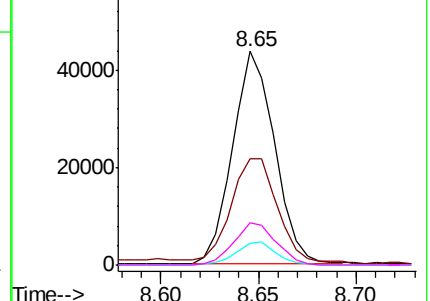


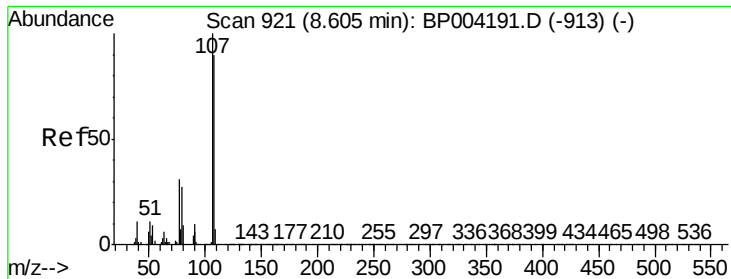
Abundance Ion 70.00 (69.70 to 70.70): BP0

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: 2.755 ng/ul

RT: 8.60 min Scan# 921

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

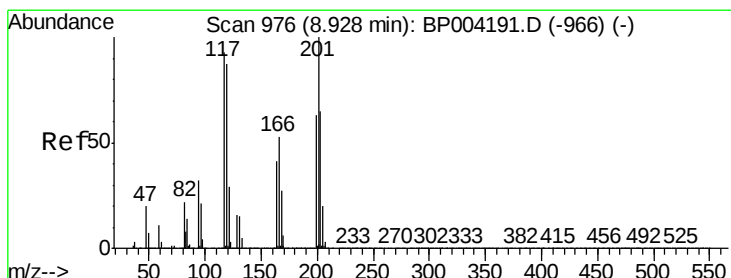
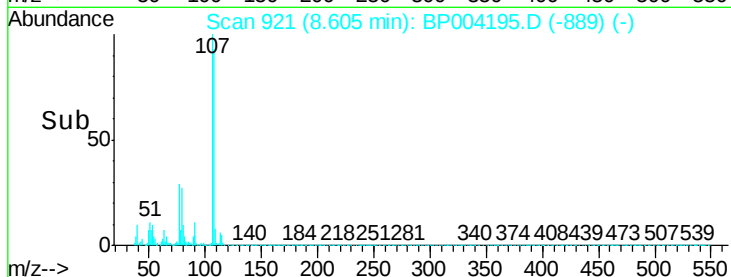
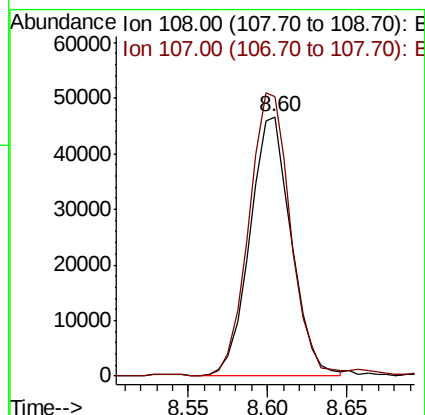
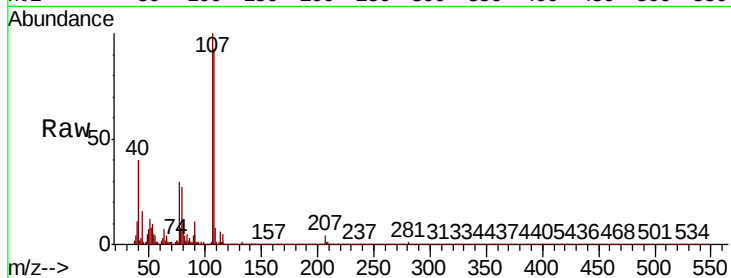
MDL-SOIL-07

Tot Ion:108 Resp: 84297

Ion Ratio Lower Upper

108 100

107 108.0 89.3 133.9



#19

Hexachloroethane

Concen: 3.059 ng/ul

RT: 8.92 min Scan# 975

Delta R.T. -0.02 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

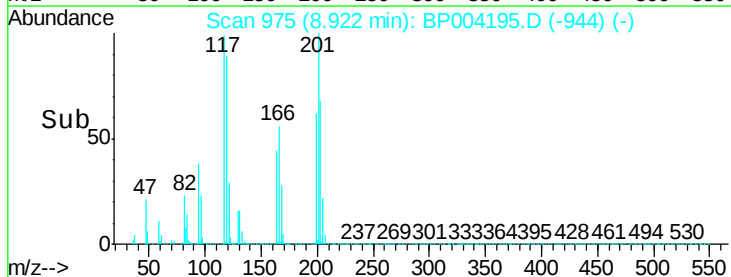
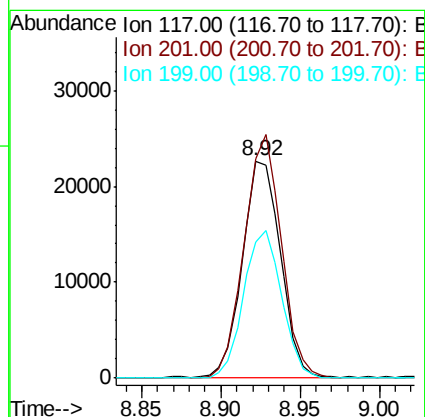
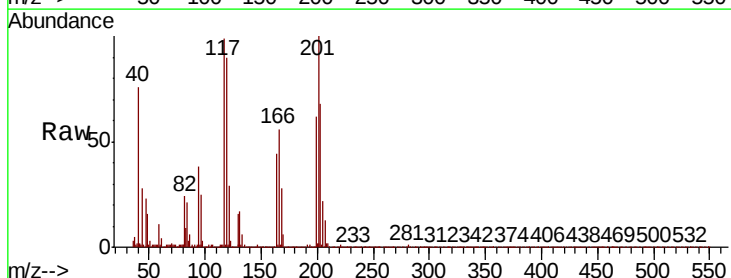
Tgt Ion:117 Resp: 37997

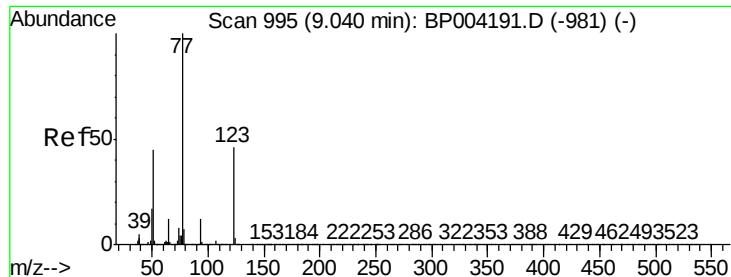
Ion Ratio Lower Upper

117 100

201 103.2 84.3 126.5

199 62.6 53.0 79.4

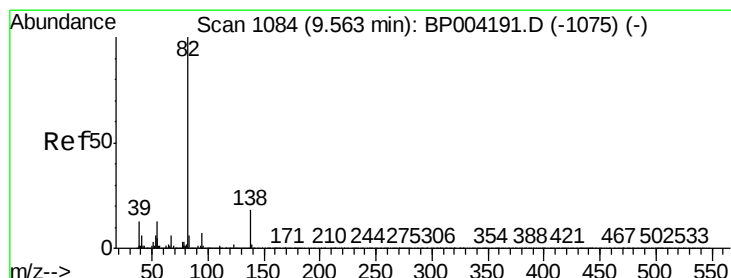
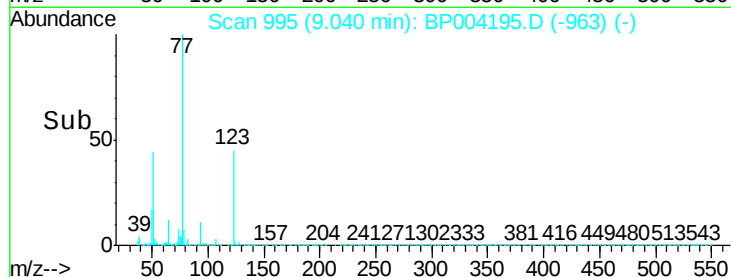
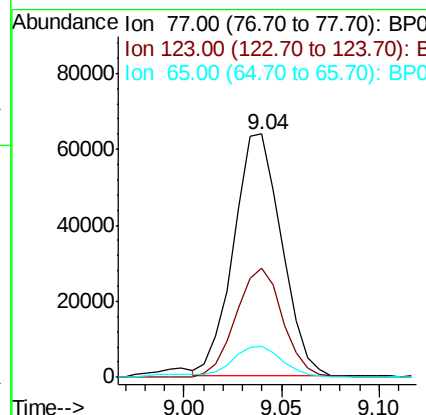
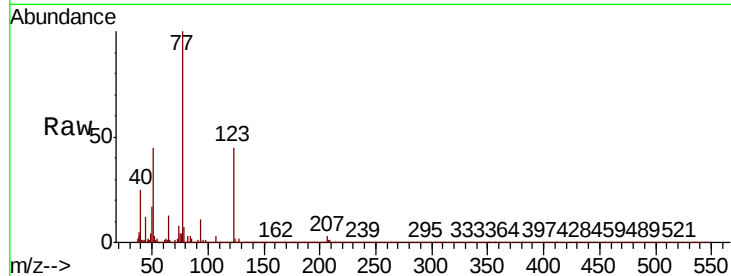




#22
Nitrobenzene
Concen: 3.159 ng/ul
RT: 9.04 min Scan# 995
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

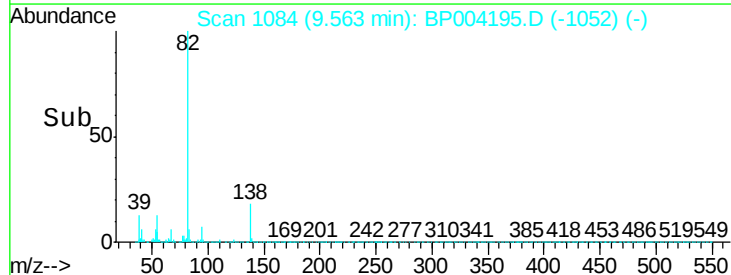
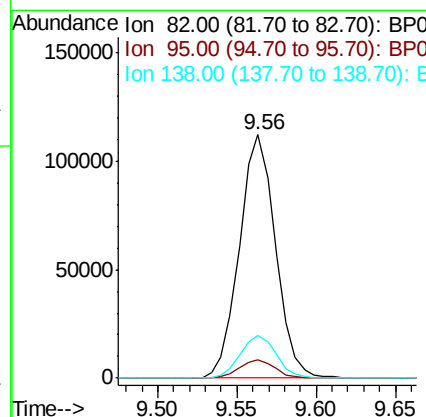
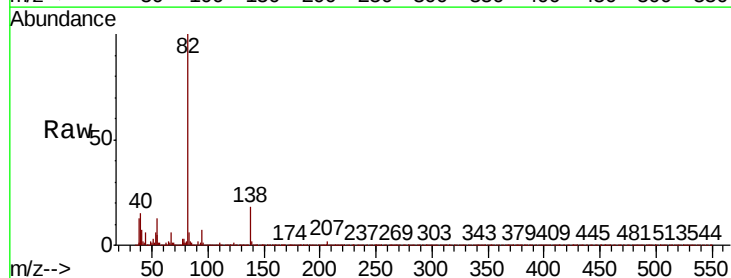
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

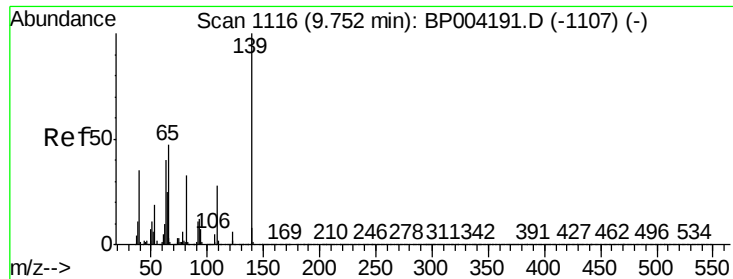
Tot Ion	77	123	65	Ratio	Lower	Upper
77	100					
123	44.9	37.4	56.2			
65	12.6	9.9	14.9			



#23
Isophorone
Concen: 2.545 ng/ul
RT: 9.56 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion	82	138	95	Ratio	Lower	Upper
82	100					
95	7.3	6.0	9.0			
138	17.5	14.6	21.8			

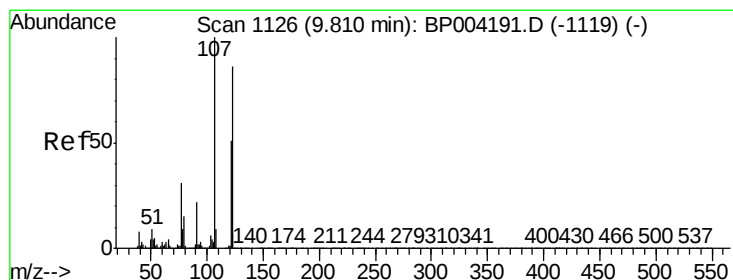
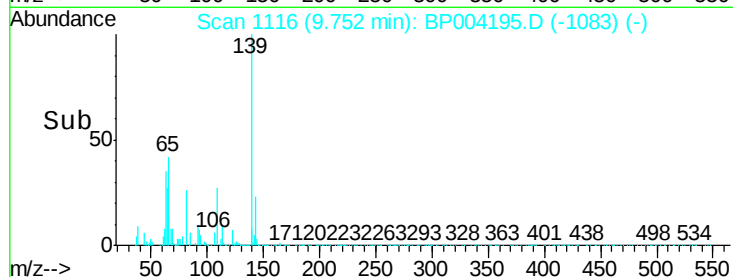
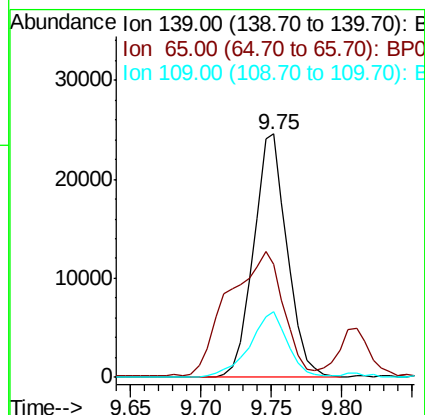
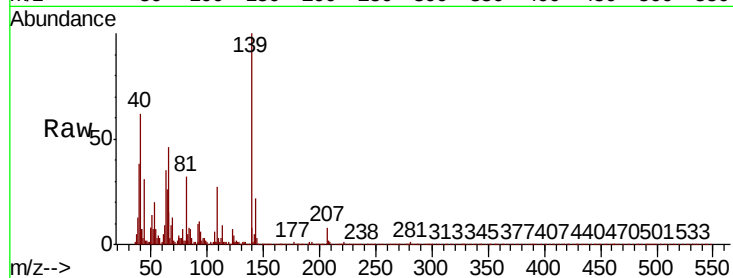




#25
2-Nitrophenol
Concen: 2.971 ng/ul
RT: 9.75 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

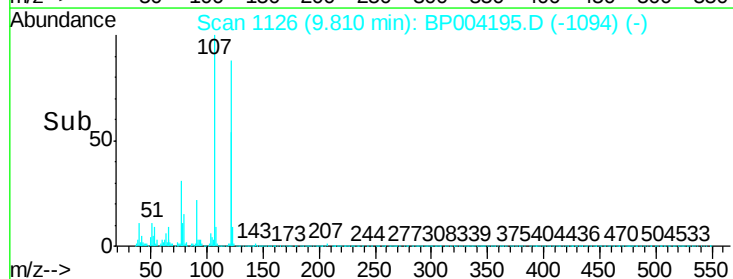
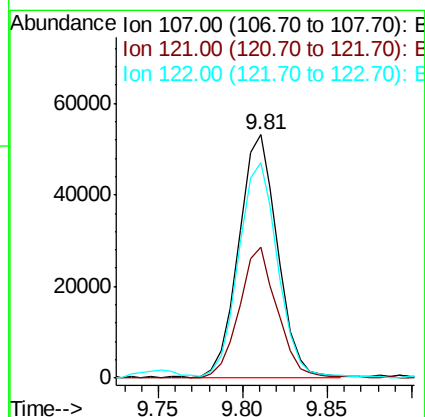
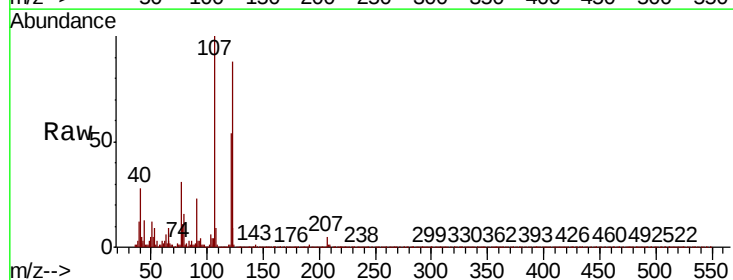
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

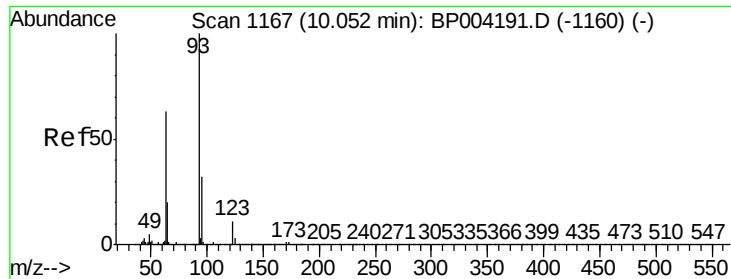
Tot Ion	Ratio	Lower	Upper
139	100		
65	46.5	39.8	59.6
109	27.0	24.5	36.7



#26
2,4-Dimethylphenol
Concen: 2.539 ng/ul
RT: 9.81 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
107	100		
121	53.7	40.4	60.6
122	88.3	67.6	101.4





#27

Bis(2-Chloroethoxy)methane

Concen: 2.996 ng/ul

RT: 10.05 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

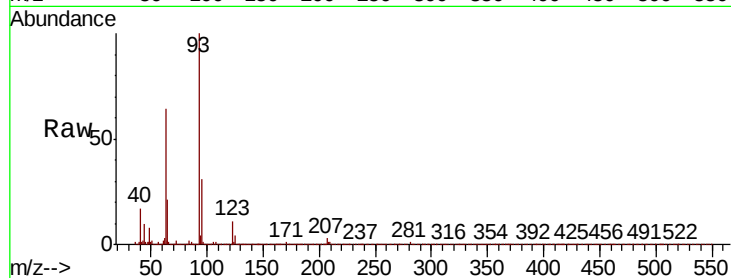
Tot Ion: 93 Resp: 123777

Ion Ratio Lower Upper

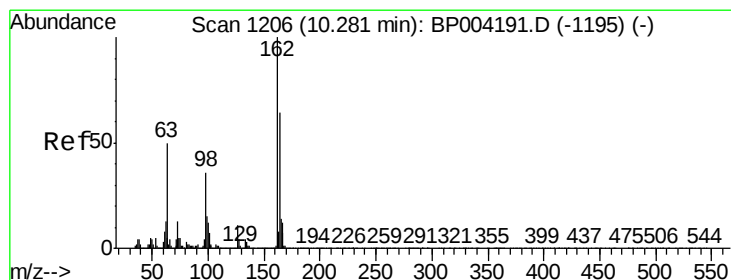
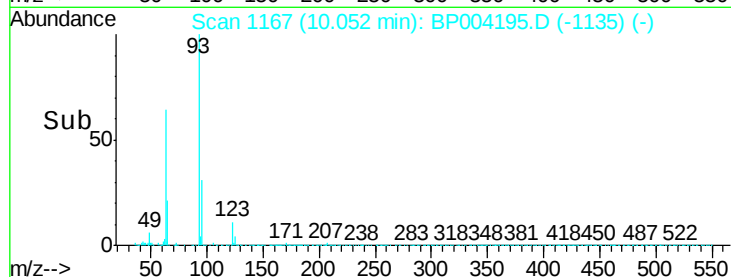
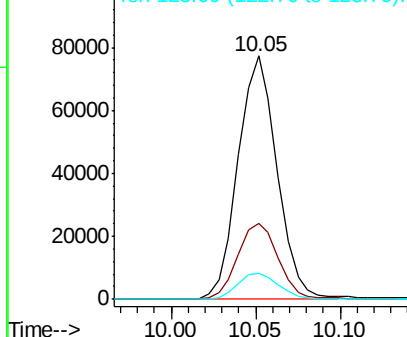
93 100

95 31.2 27.0 40.4

123 10.9 8.8 13.2



Abundance Ion 93.00 (92.70 to 93.70): BPO
Ion 95.00 (94.70 to 95.70): BPO
Ion 123.00 (122.70 to 123.70): BPO



#29

2,4-Dichlorophenol

Concen: 2.915 ng/ul

RT: 10.28 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

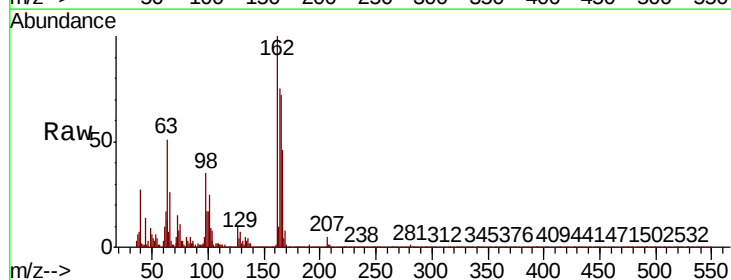
Tgt Ion:162 Resp: 79771

Ion Ratio Lower Upper

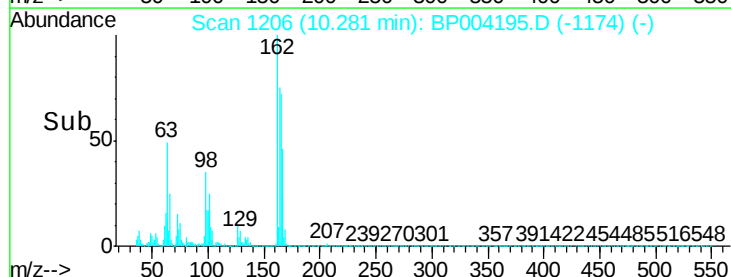
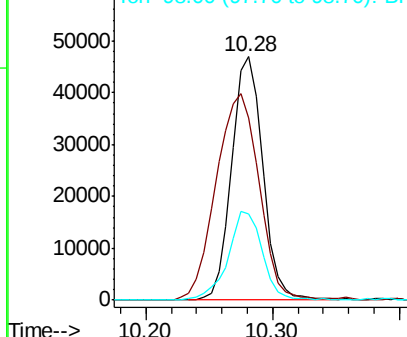
162 100

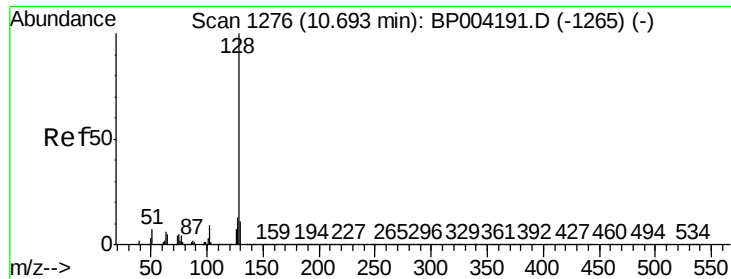
164 74.8 51.9 77.9

98 35.2 30.4 45.6



Abundance Ion 162.00 (161.70 to 162.70): BPO
Ion 164.00 (163.70 to 164.70): BPO
Ion 98.00 (97.70 to 98.70): BPO

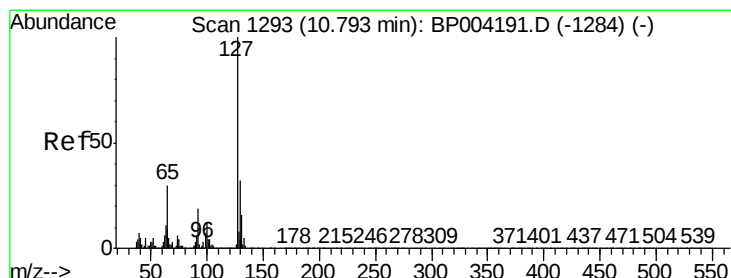
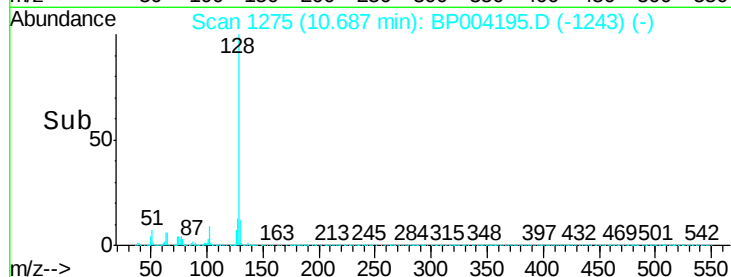
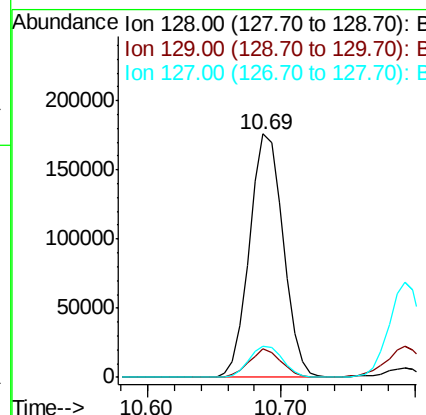
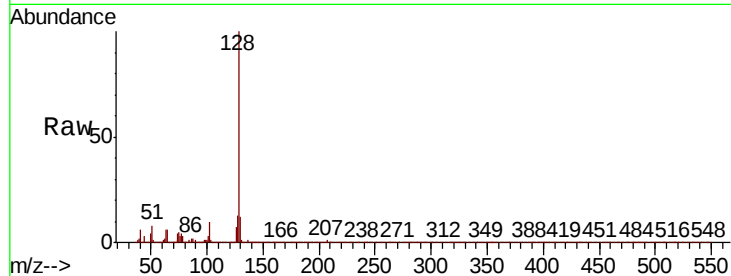




#30
Naphthalene
Concen: 3.168 ng/ul
RT: 10.69 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

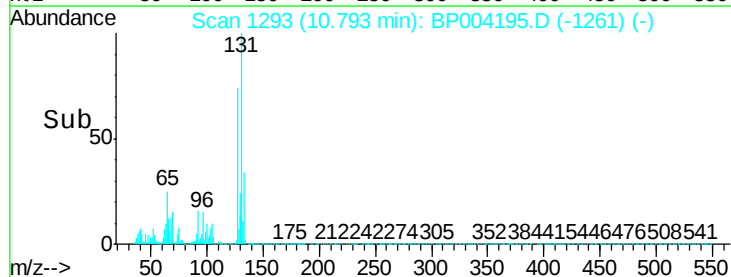
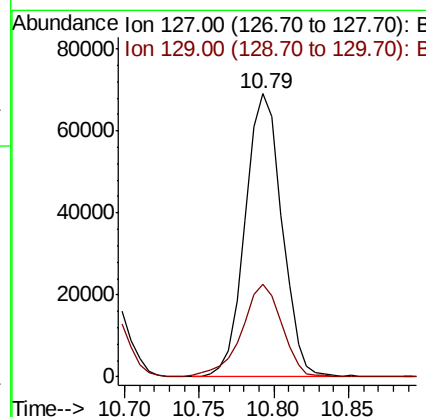
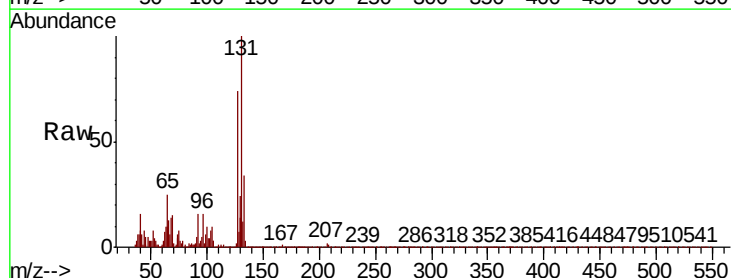
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

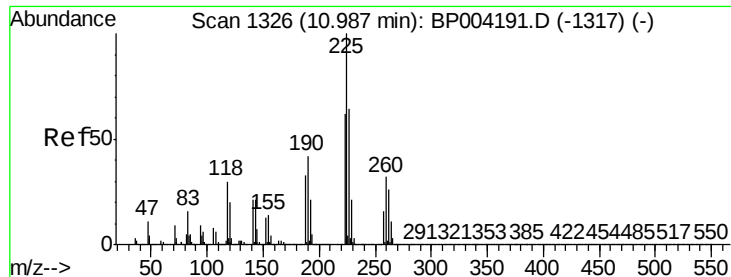
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.9	13.3
127	13.0	10.4	15.6



#32
4-Chloroaniline
Concen: 2.963 ng/ul
RT: 10.79 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9





#33

Hexachlorobutadiene

Concen: 3.004 ng/ul

RT: 10.98 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

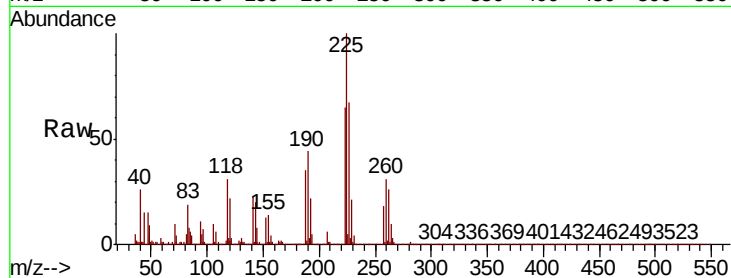
Tot Ion:225 Resp: 59008

Ion Ratio Lower Upper

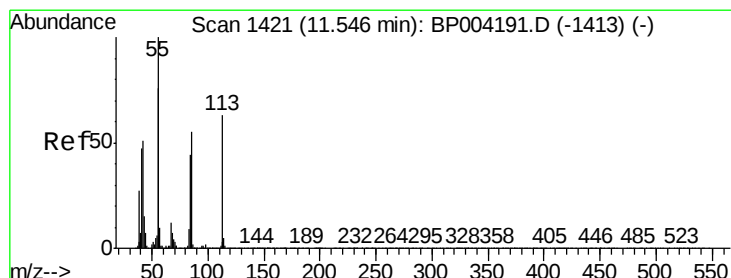
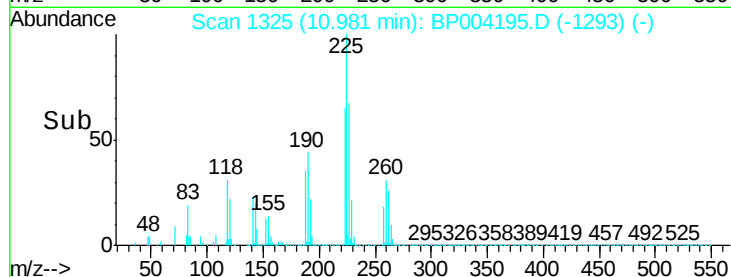
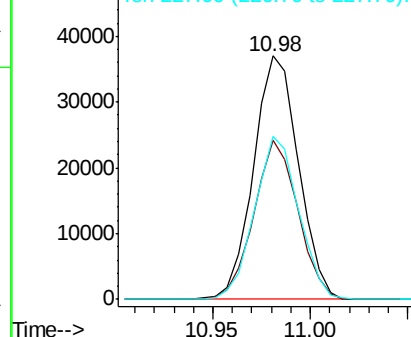
225 100

223 65.3 49.9 74.9

227 67.1 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: 1.559 ng/ul

RT: 11.57 min Scan# 1425

Delta R.T. 0.02 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

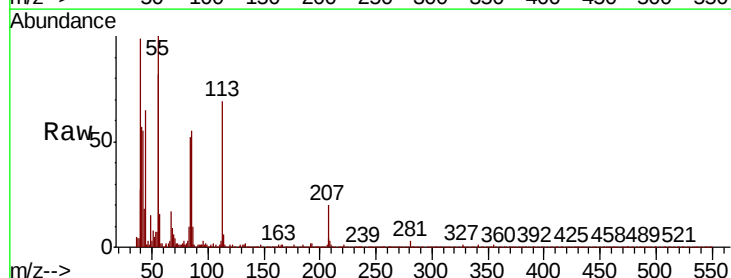
Tgt Ion:113 Resp: 15747

Ion Ratio Lower Upper

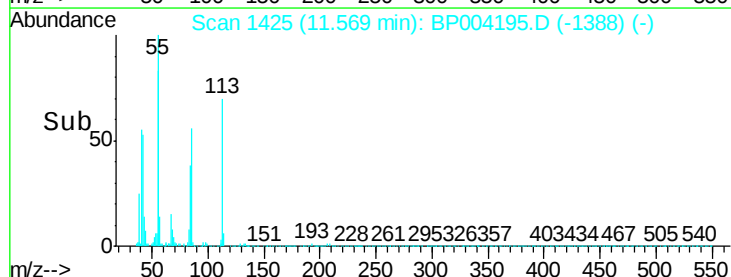
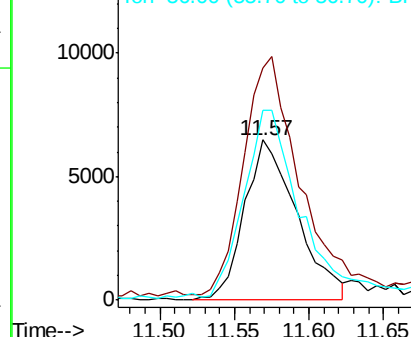
113 100

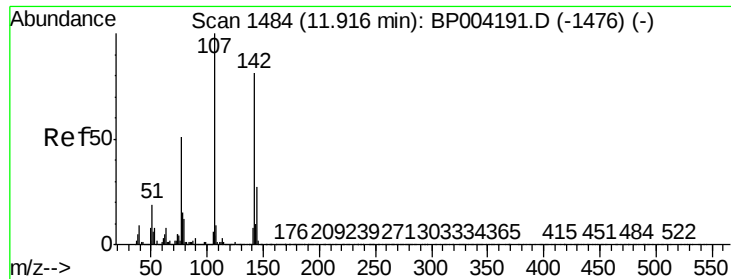
55 144.9 136.3 204.5

56 118.9 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

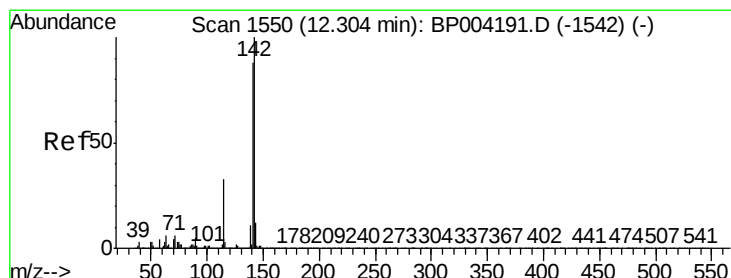
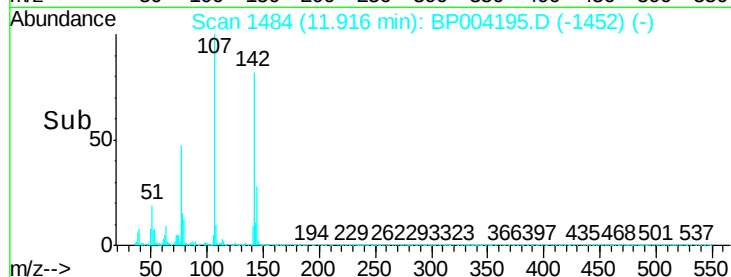
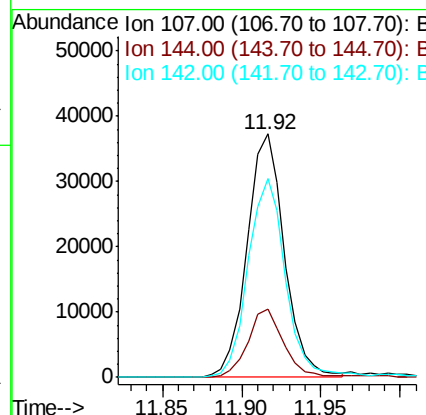
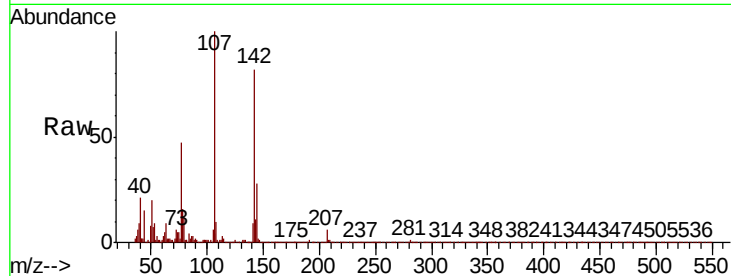




#35
 4-Chloro-3-methylphenol
 Concen: 2.001 ng/ul
 RT: 11.92 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

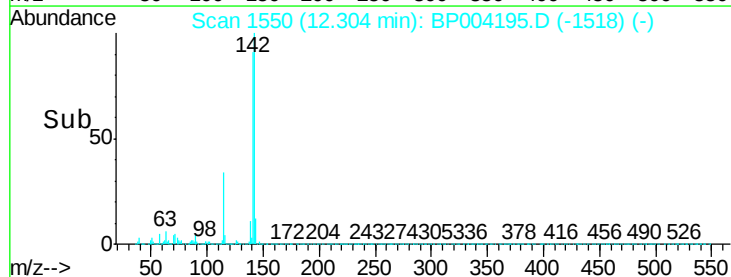
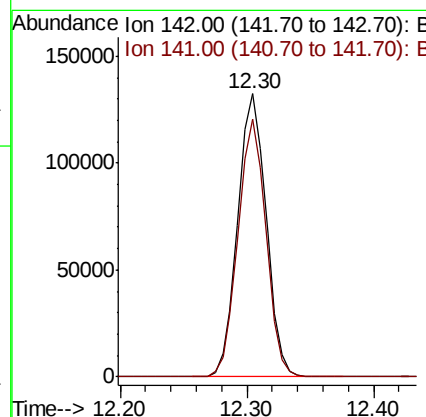
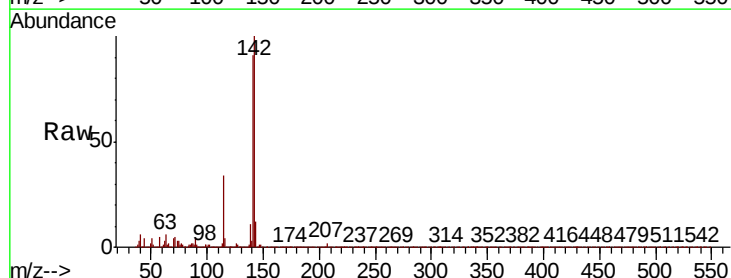
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

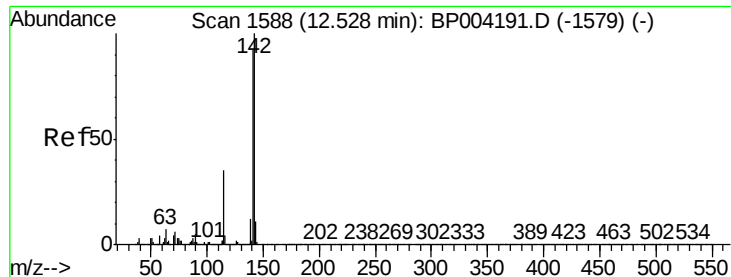
Tot Ion:107 Resp: 60814
 Ion Ratio Lower Upper
 107 100
 144 27.8 20.1 30.1
 142 81.9 63.4 95.0



#36
 2-Methylnaphthalene
 Concen: 3.013 ng/ul
 RT: 12.30 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

Tgt Ion:142 Resp: 205279
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.1 106.7

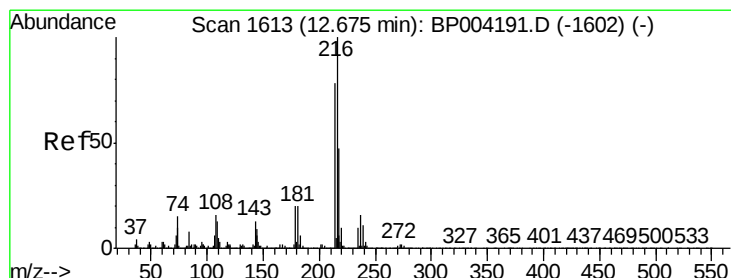
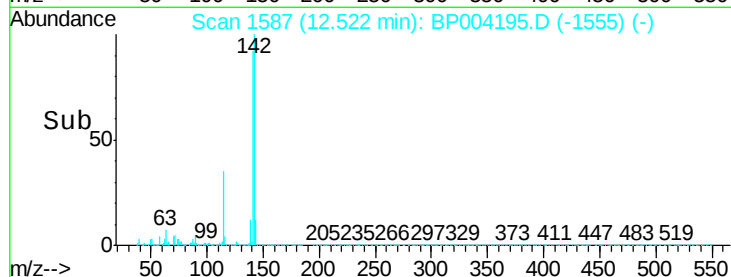
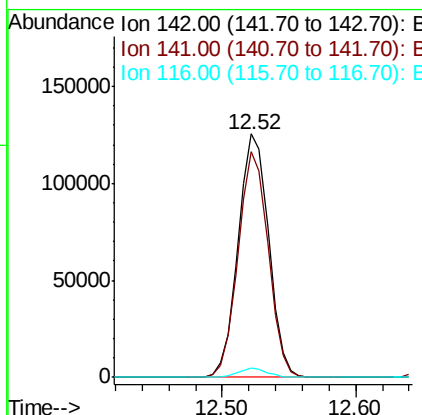
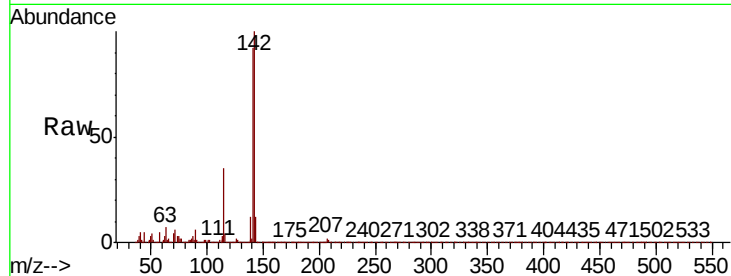




#37
 1-Methylnaphthalene
 Concen: 3.027 ng/ul
 RT: 12.52 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

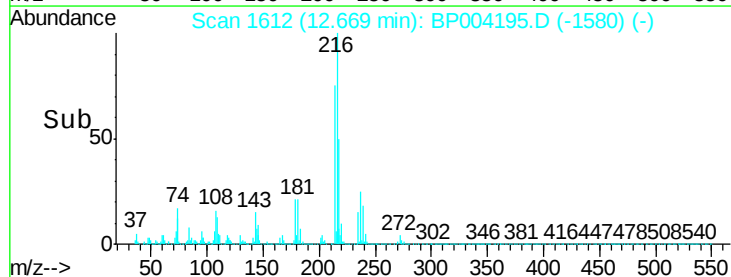
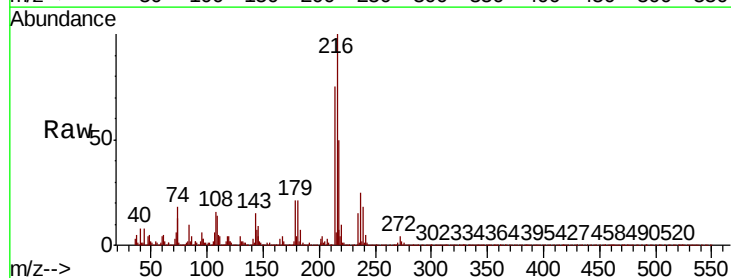
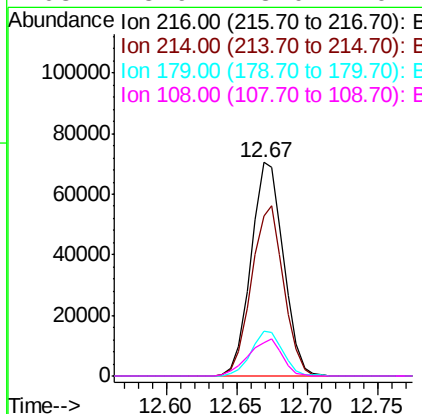
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

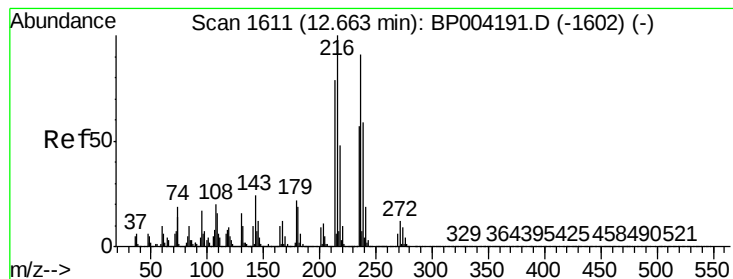
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.6	112.0
116	3.9	3.0	4.4



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.208 ng/ul
 RT: 12.67 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.2	62.4	93.6
179	21.3	16.6	25.0
108	15.9	13.0	19.4





#40

Hexachlorocyclopentadiene

Concen: 2.350 ng/ul

RT: 12.66 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

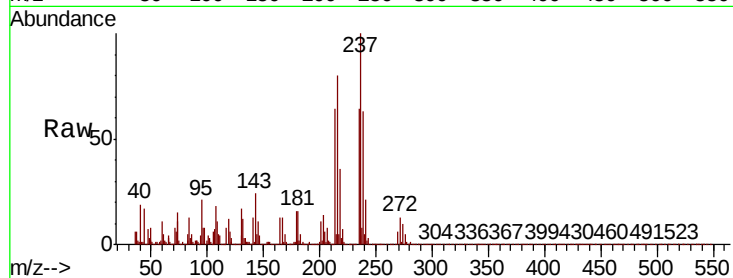
Tot Ion:237 Resp: 52137

Ion Ratio Lower Upper

237 100

235 59.3 50.6 75.8

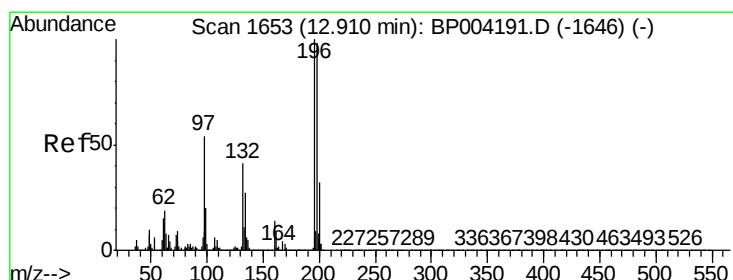
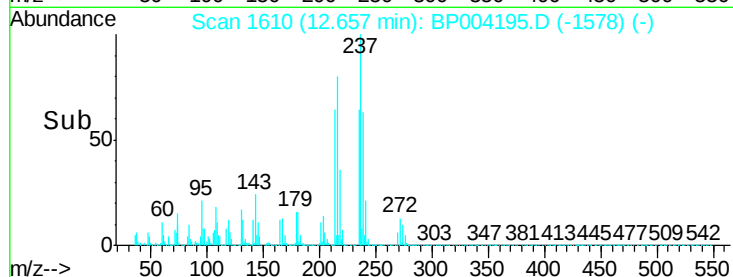
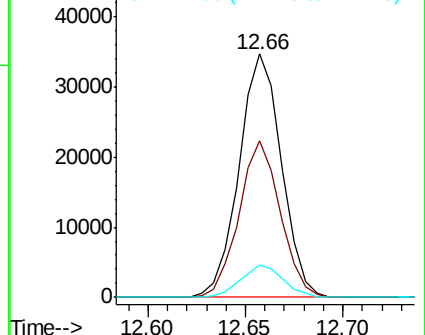
272 12.9 10.3 15.5



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: 2.050 ng/ul

RT: 12.91 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

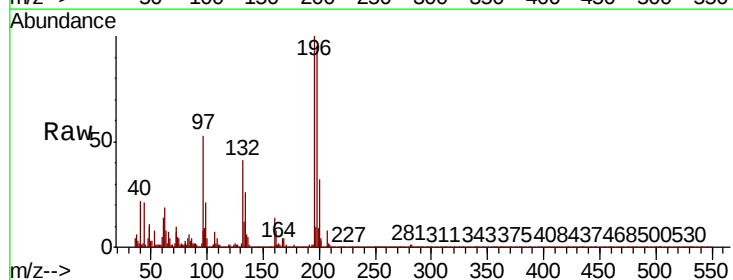
Tgt Ion:196 Resp: 41891

Ion Ratio Lower Upper

196 100

198 95.1 75.9 113.9

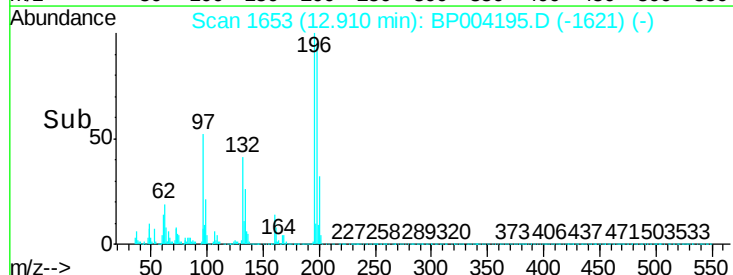
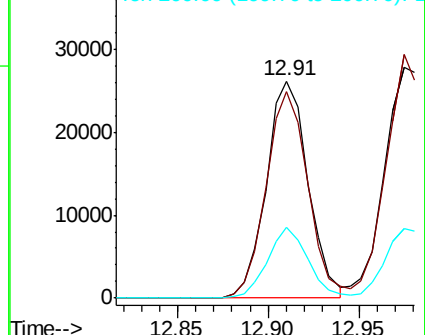
200 32.3 24.6 36.8

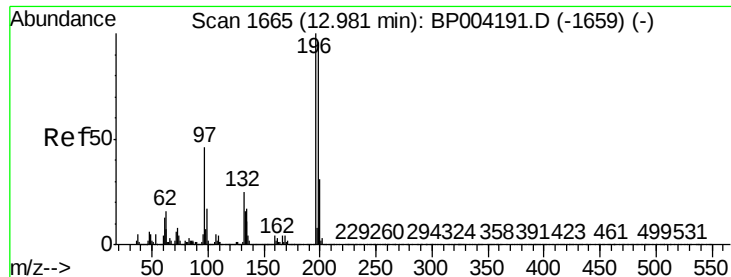


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

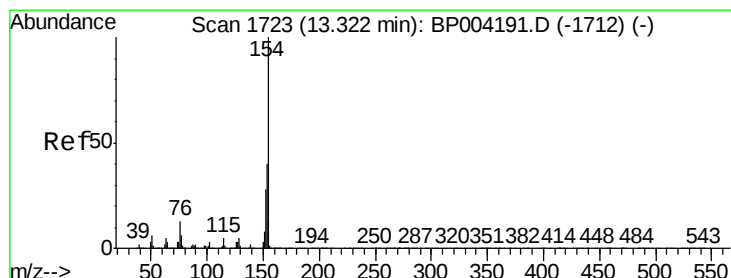
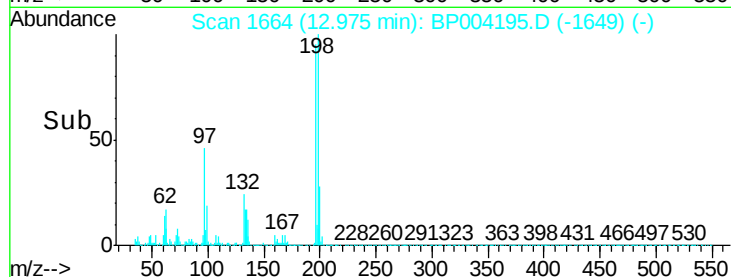
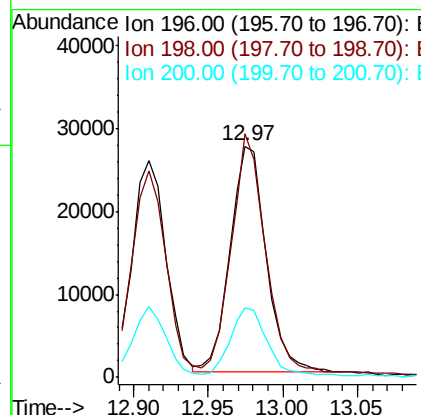
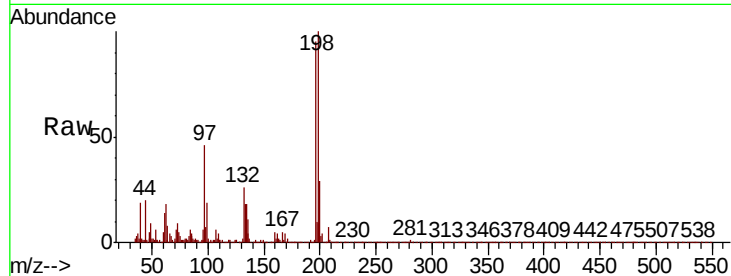




#42
 2,4,5-Trichlorophenol
 Concen: 2.104 ng/ul
 RT: 12.97 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

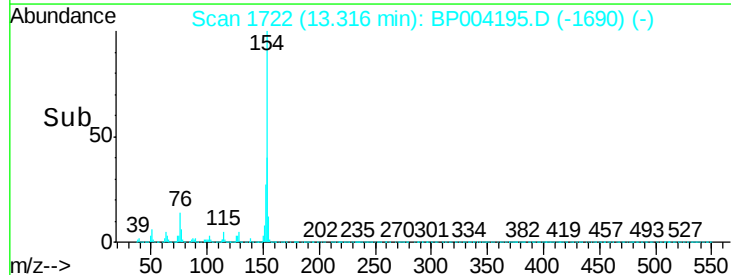
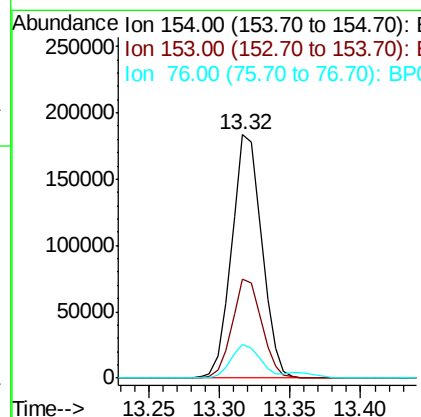
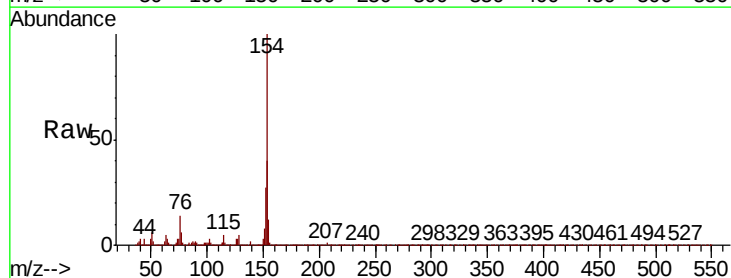
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

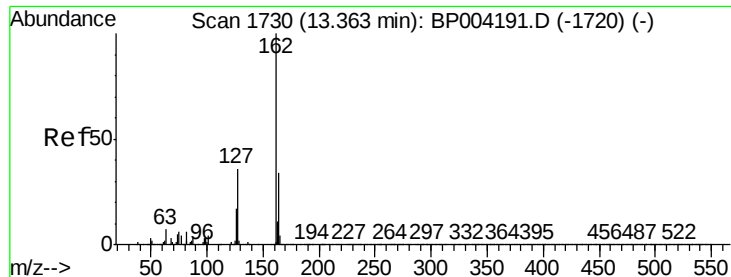
Tot Ion	Ratio	Lower	Upper
196	100		
198	105.2	78.2	117.4
200	30.0	25.1	37.7



#43
 1,1'-Biphenyl
 Concen: 3.227 ng/ul
 RT: 13.32 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	32.2	48.2
76	13.8	10.8	16.2

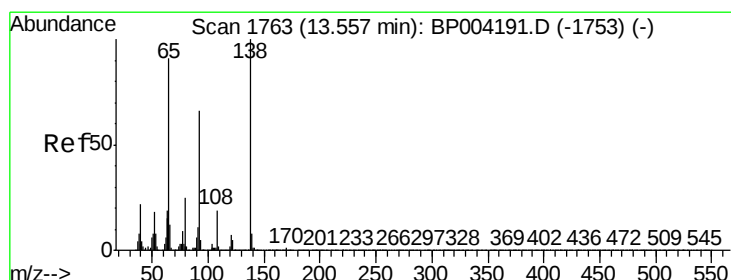
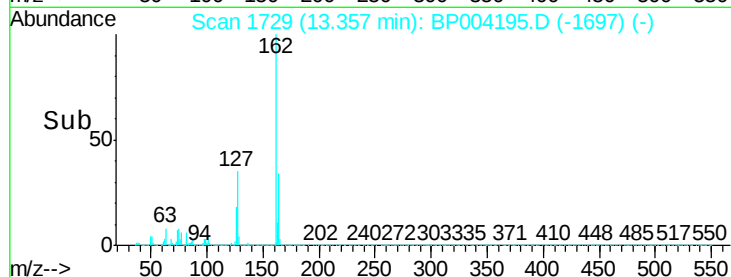
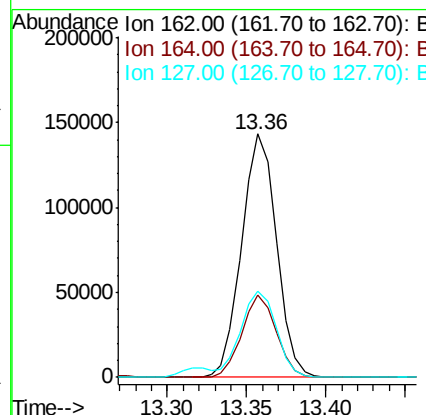
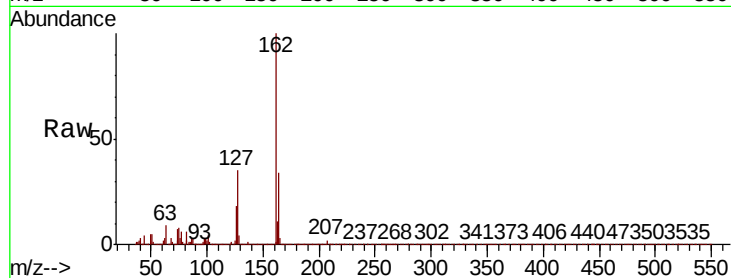




#44
2-Chloronaphthalene
Concen: 3.259 ng/ul
RT: 13.36 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

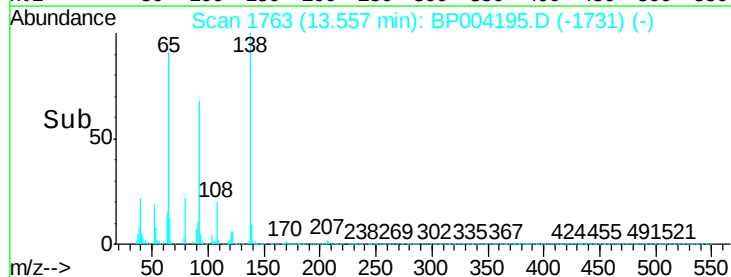
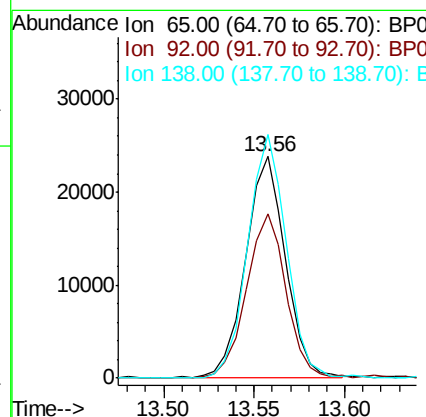
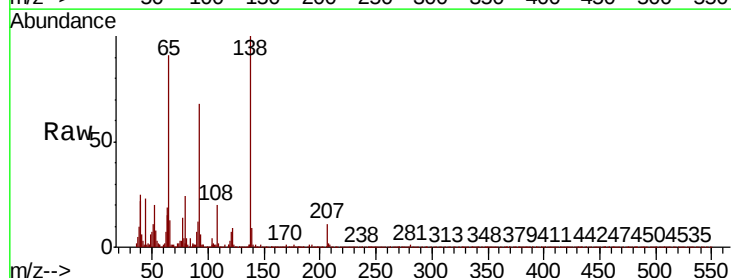
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

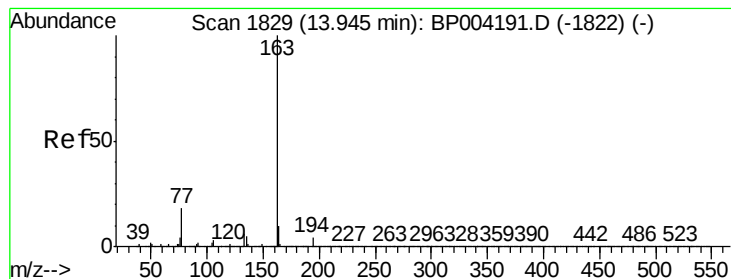
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.0	26.2	39.4
127	35.2	30.4	45.6



#45
2-Nitroaniline
Concen: 2.190 ng/ul
RT: 13.56 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	59.4	89.2
138	110.1	89.6	134.4





#47

Dimethylphthalate

Concen: 3.070 ng/ul

RT: 13.95 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

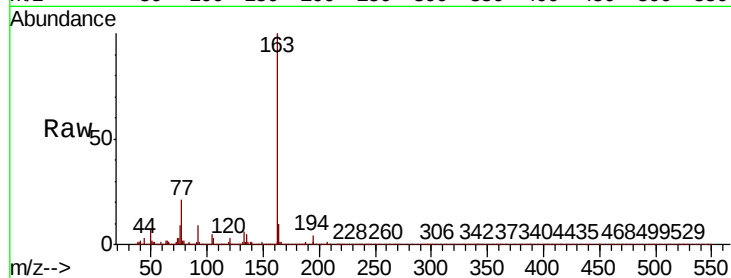
Tot Ion:163 Resp: 261616

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

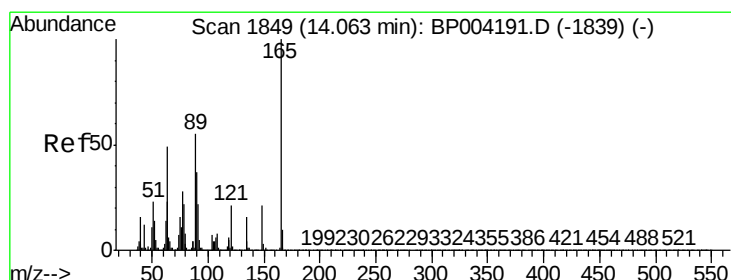
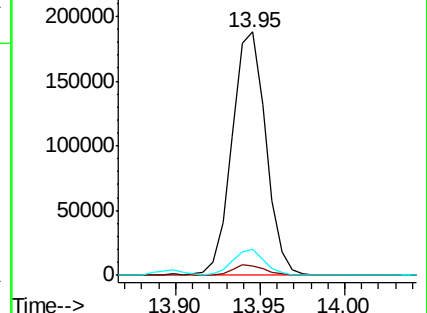
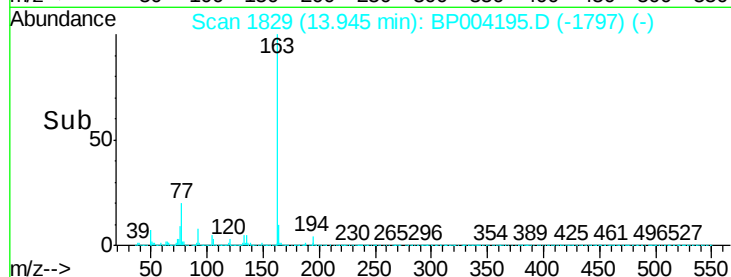
164 10.4 8.1 12.1



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



#48

2,6-Dinitrotoluene

Concen: 2.300 ng/ul

RT: 14.06 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

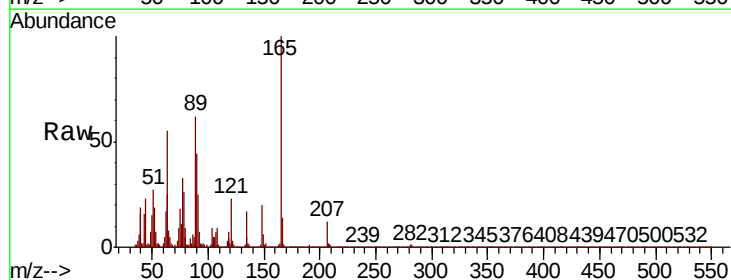
Tgt Ion:165 Resp: 35574

Ion Ratio Lower Upper

165 100

89 62.1 45.2 67.8

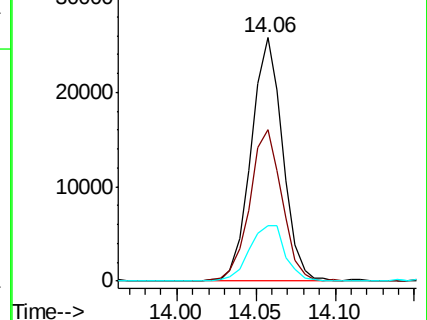
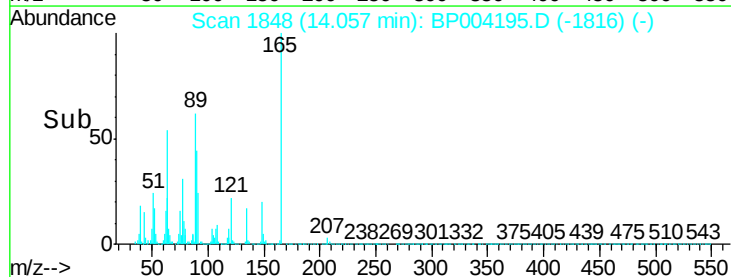
121 22.9 17.9 26.9

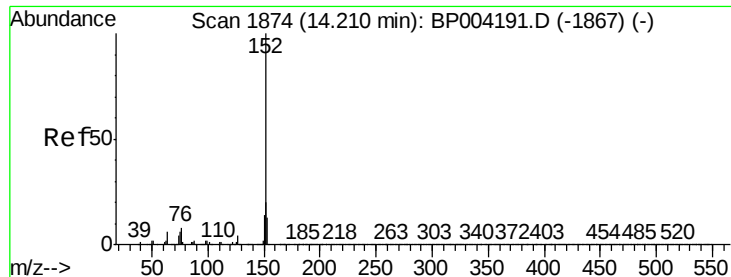


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BP0

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 3.198 ng/ul

RT: 14.21 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

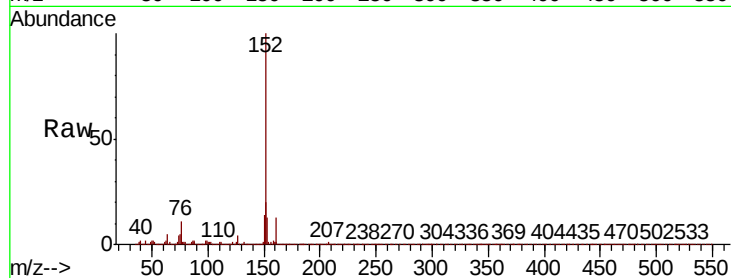
Tot Ion:152 Resp: 326799

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

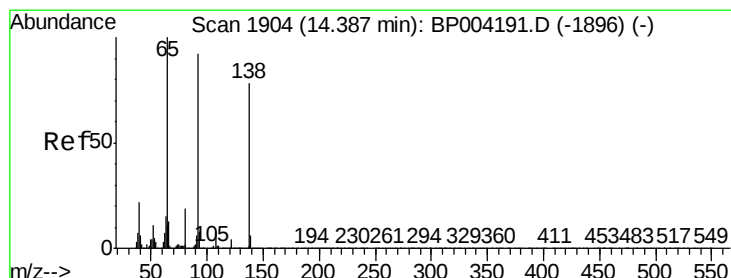
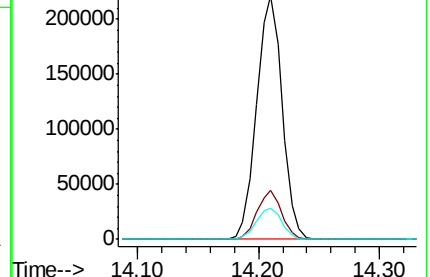
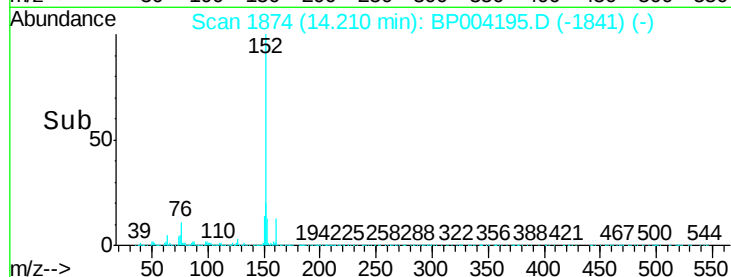
153 13.0 10.5 15.7



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: 2.559 ng/ul

RT: 14.39 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

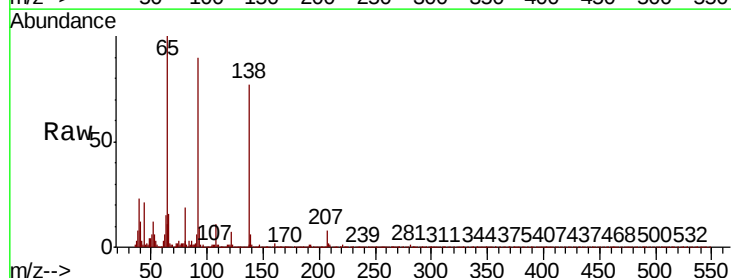
Tgt Ion:138 Resp: 36930

Ion Ratio Lower Upper

138 100

108 13.7 12.6 19.0

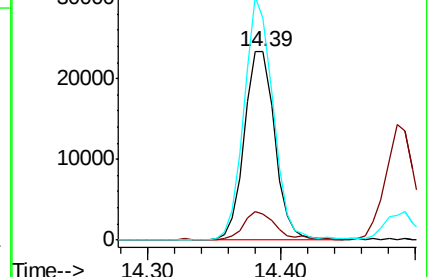
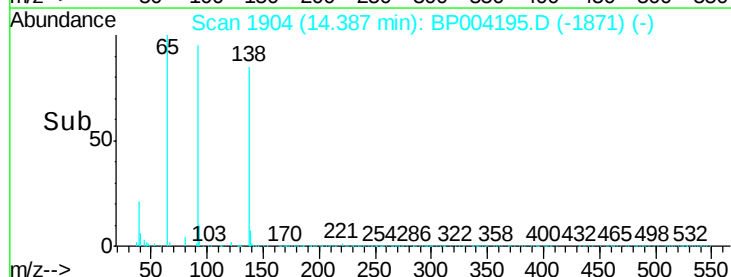
92 118.0 93.3 139.9

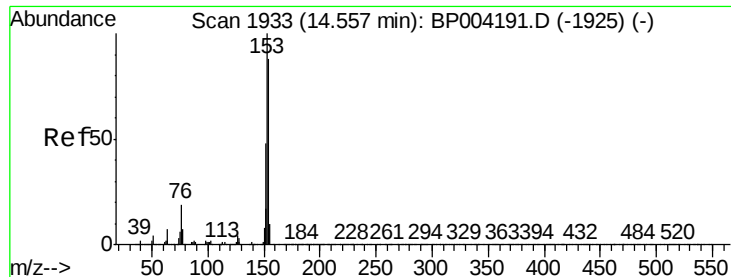


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0





#52

Acenaphthene

Concen: 3.097 ng/ul

RT: 14.55 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

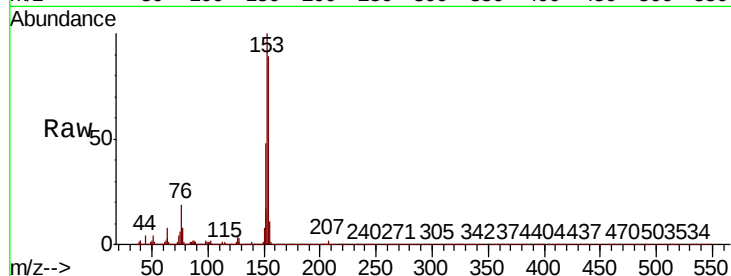
Tot Ion:153 Resp: 223307

Ion Ratio Lower Upper

153 100

152 48.1 38.0 57.0

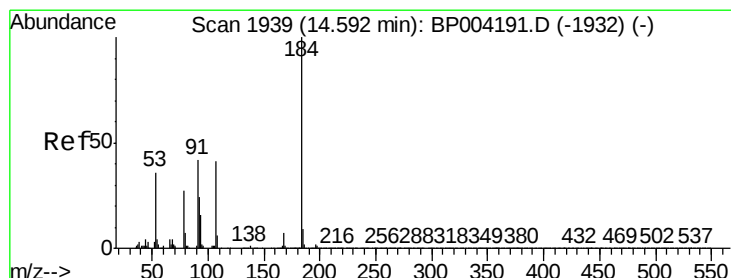
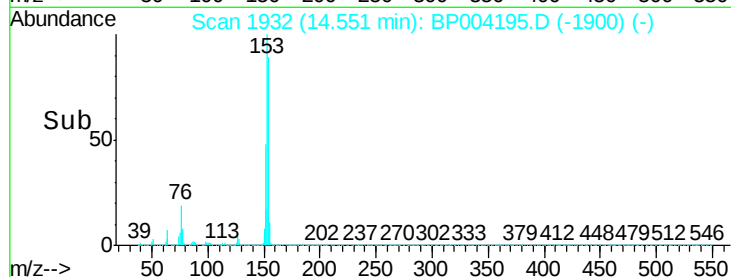
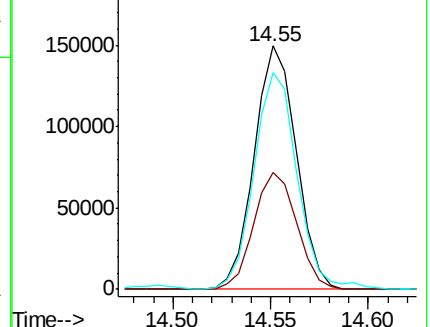
154 89.0 70.5 105.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

2,4-Dinitrophenol

Concen: 1.572 ng/ul

RT: 14.59 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

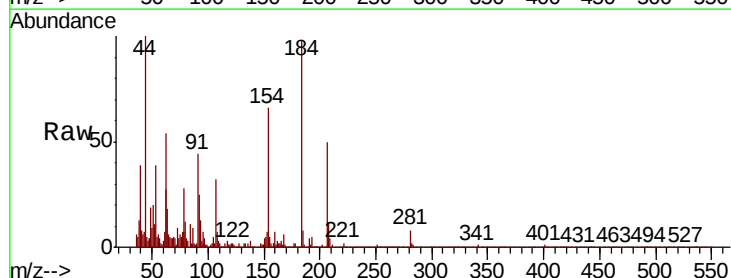
Tgt Ion:184 Resp: 9373

Ion Ratio Lower Upper

184 100

63 55.5 43.6 65.4

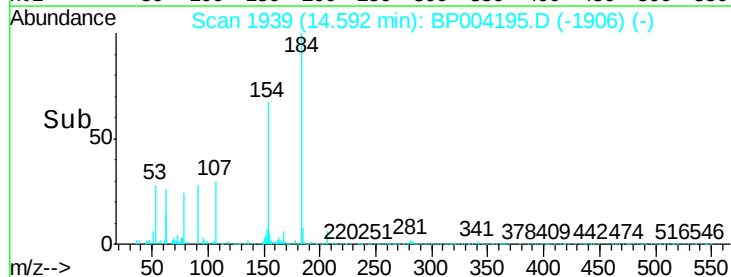
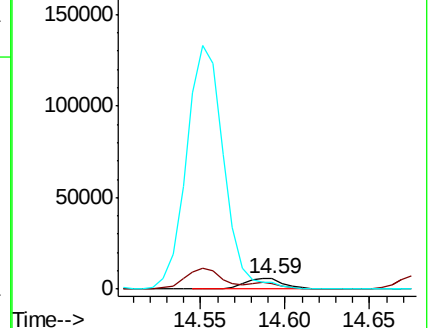
154 67.5 46.9 70.3

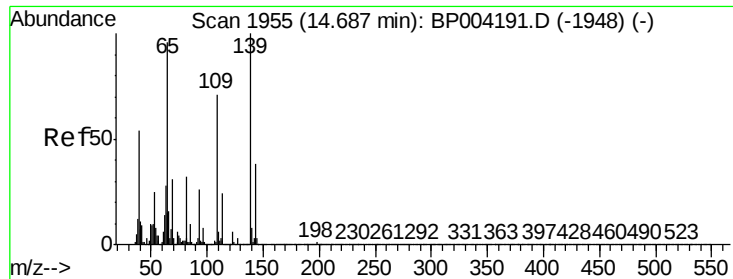


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 2.765 ng/ul

RT: 14.68 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

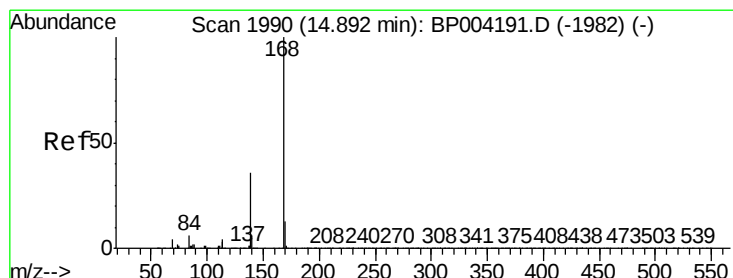
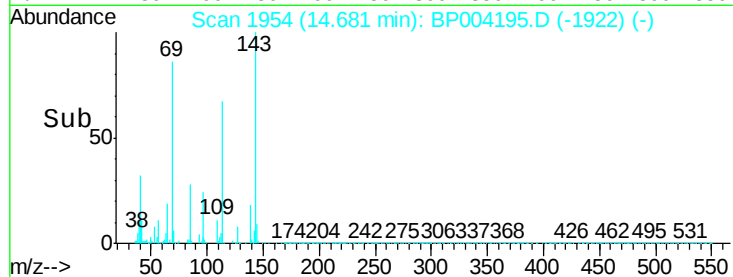
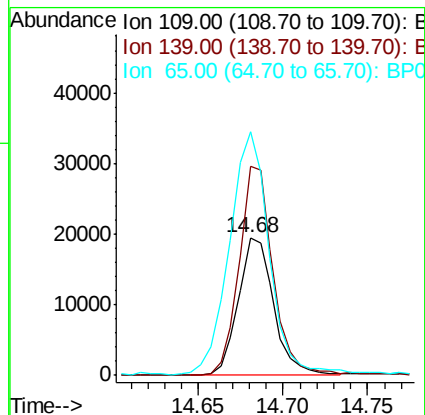
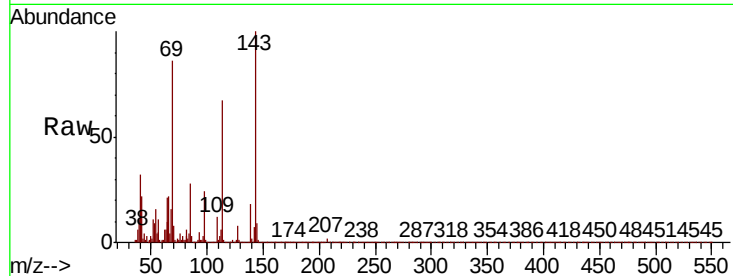
Tot Ion:109 Resp: 28572

Ion Ratio Lower Upper

109 100

139 151.5 111.9 167.9

65 176.6 99.2 148.8#



#56

Dibenzofuran

Concen: 3.208 ng/ul

RT: 14.89 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BP004195.D

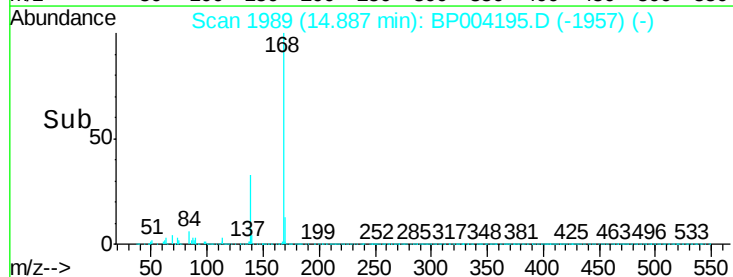
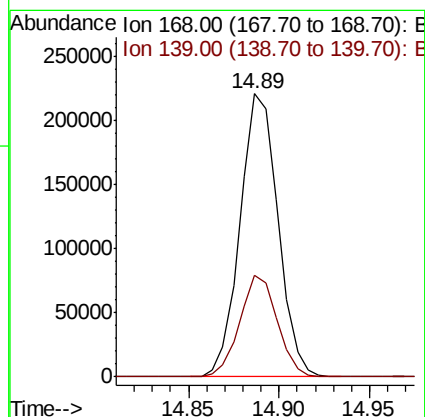
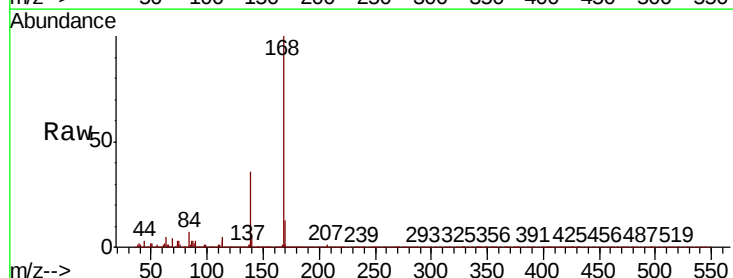
Acq: 08 Dec 2020 11:49

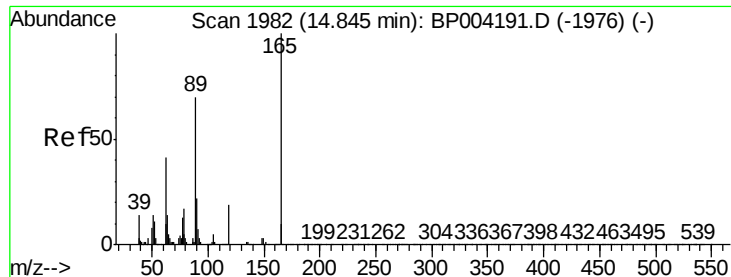
Tgt Ion:168 Resp: 320631

Ion Ratio Lower Upper

168 100

139 36.0 28.6 42.8

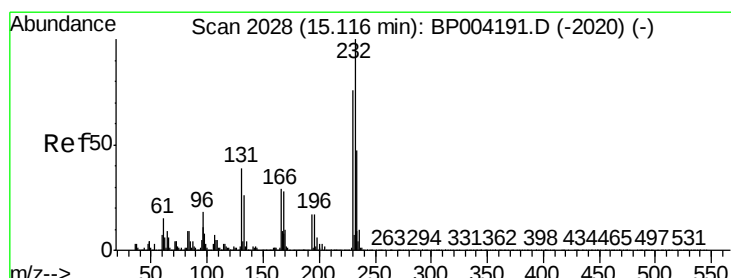
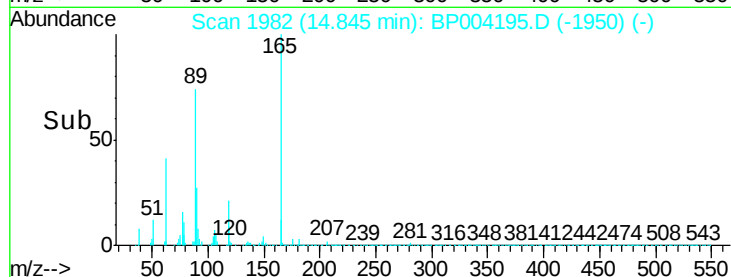
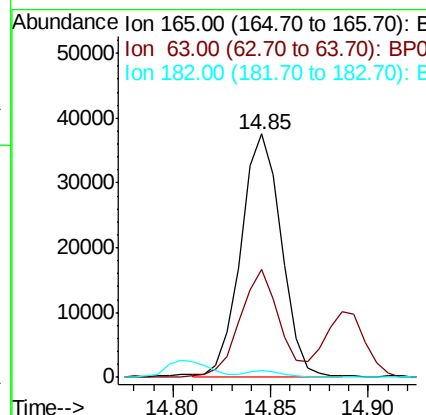
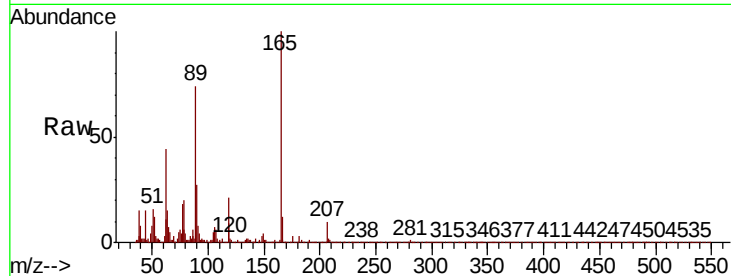




#57
2,4-Dinitrotoluene
Concen: 2.543 ng/ul
RT: 14.85 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

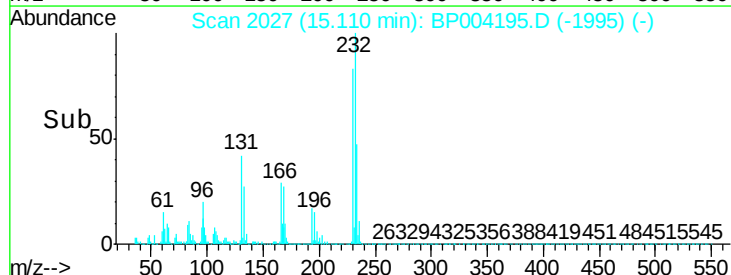
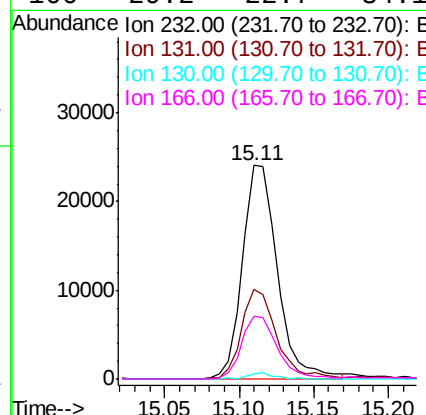
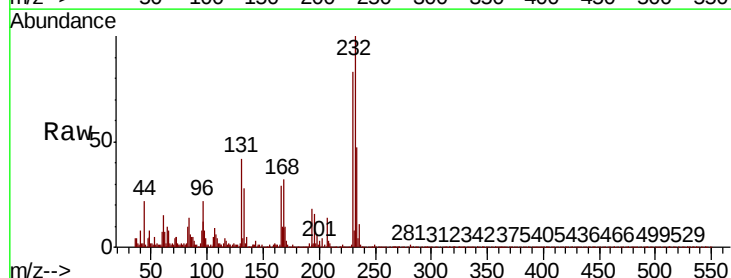
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

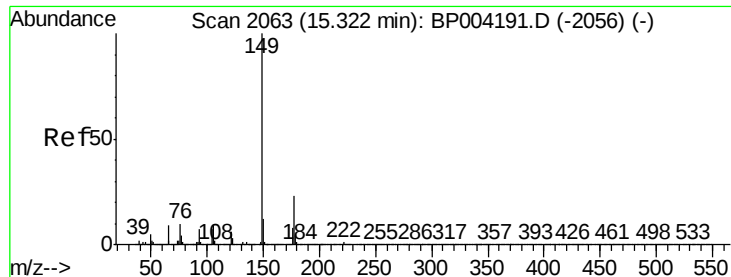
Tot Ion:165 Resp: 53712
Ion Ratio Lower Upper
165 100
63 44.1 32.1 48.1
182 3.0 2.4 3.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 2.186 ng/ul
RT: 15.11 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion:232 Resp: 39243
Ion Ratio Lower Upper
232 100
131 42.0 31.5 47.3
130 2.2 1.7 2.5
166 29.2 22.7 34.1

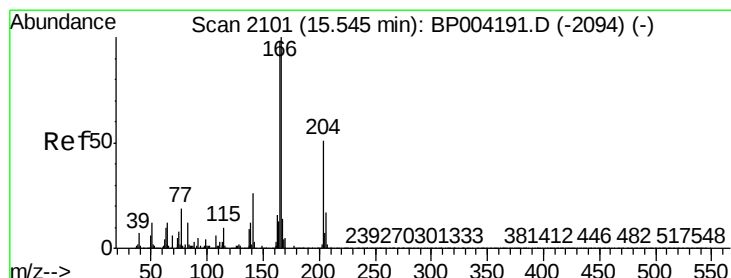
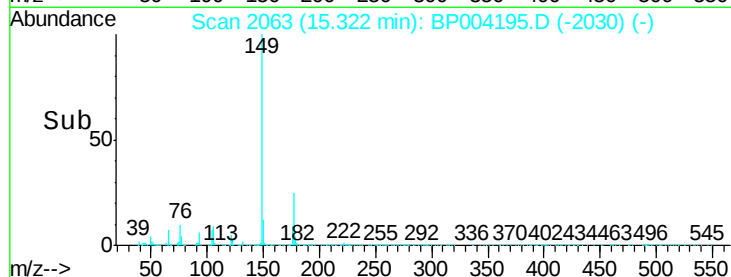
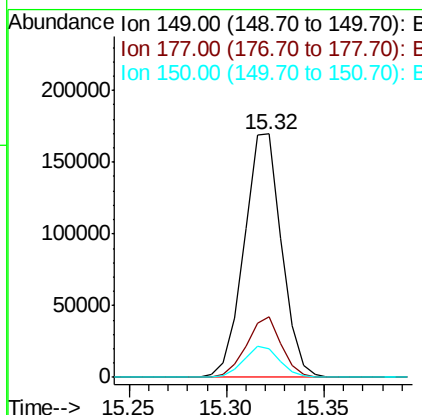
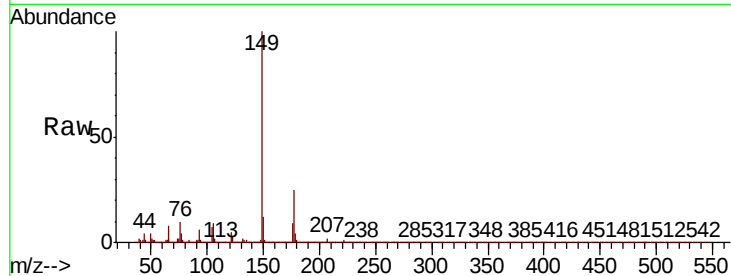




#59
Diethylphthalate
Concen: 2.631 ng/ul
RT: 15.32 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

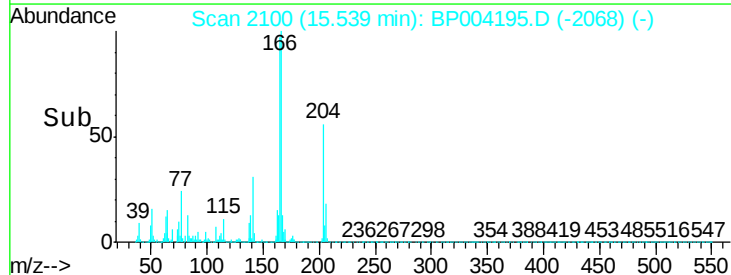
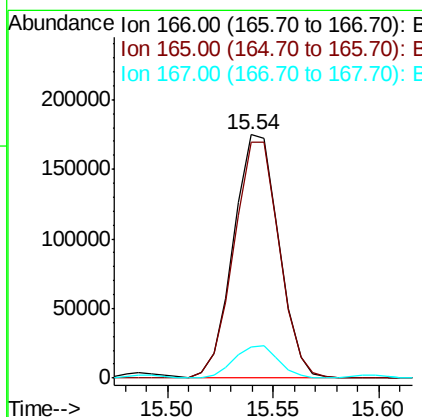
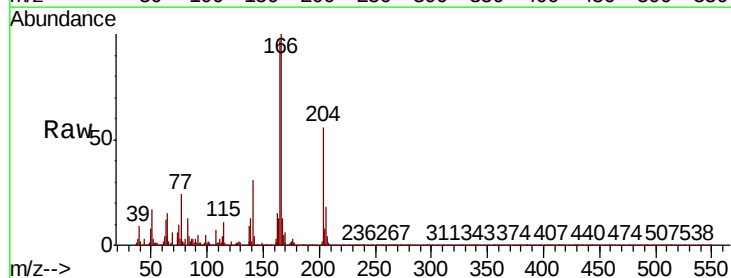
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

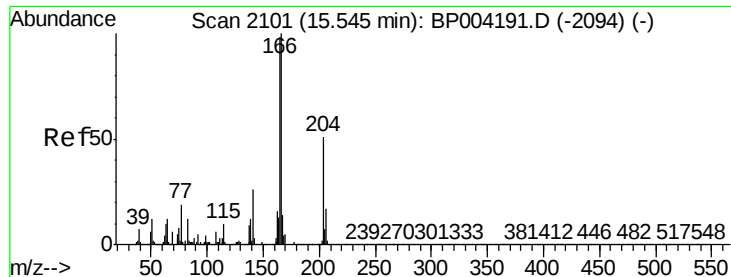
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.5	27.7
150	11.9	10.1	15.1



#61
Fluorene
Concen: 3.136 ng/ul
RT: 15.54 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.6
167	13.0	11.0	16.4

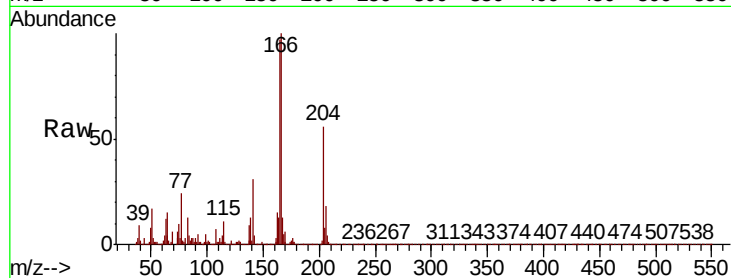




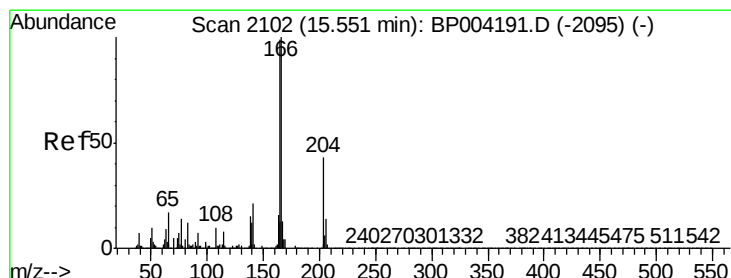
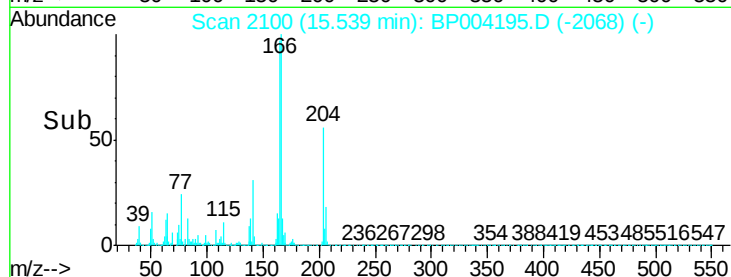
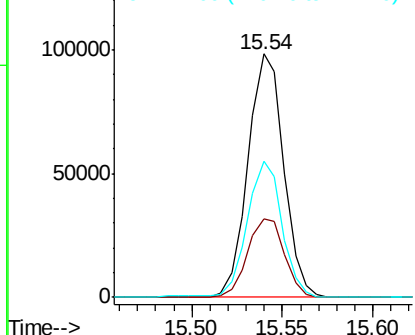
#62
4-Chlorophenyl-phenylether
Concen: 3.104 ng/ul
RT: 15.54 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

Tot Ion:204 Resp: 134301
Ion Ratio Lower Upper
204 100
206 32.1 26.7 40.1
141 56.0 42.2 63.2

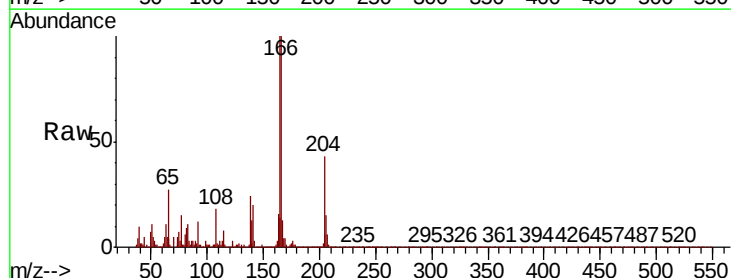


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

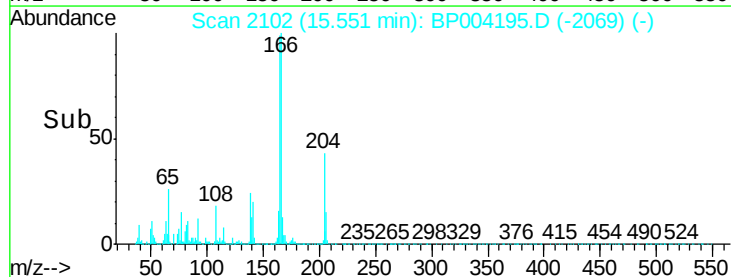
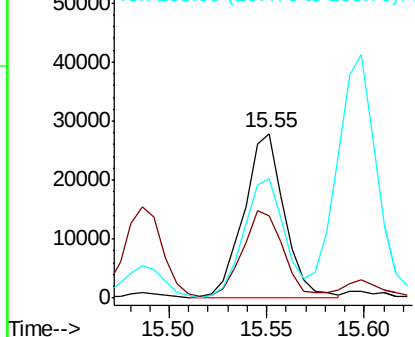


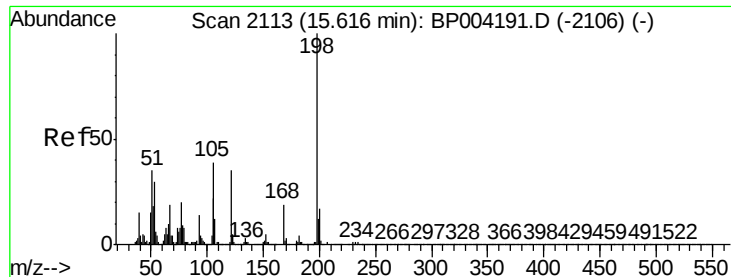
#63
4-Nitroaniline
Concen: 2.929 ng/ul
RT: 15.55 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion:138 Resp: 39961
Ion Ratio Lower Upper
138 100
92 50.4 42.3 63.5
108 72.5 60.2 90.2



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





#66

4,6-Dinitro-2-methylphenol

Concen: 2.716 ng/ul

RT: 15.61 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

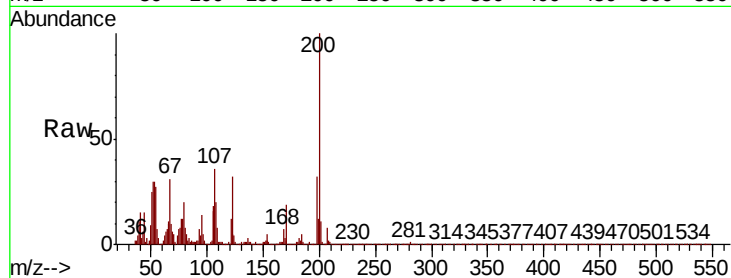
Tot Ion:198 Resp: 27990

Ion Ratio Lower Upper

198 100

182 10.6 3.8 5.6#

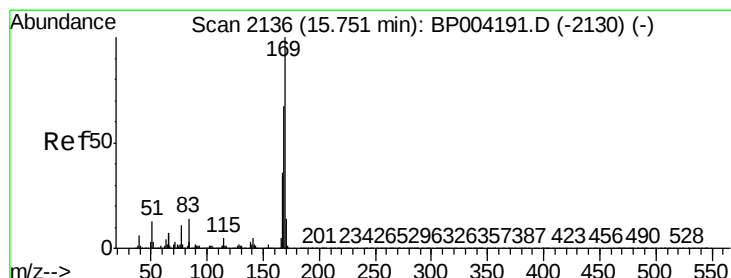
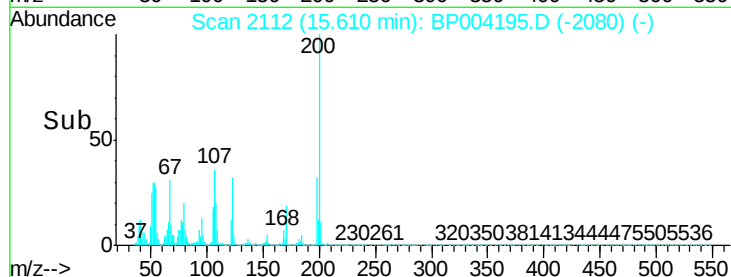
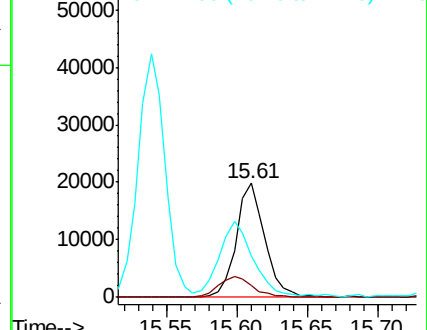
77 36.7 19.7 29.5#



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



#67

N-Nitrosodiphenylamine

Concen: 2.936 ng/ul

RT: 15.75 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

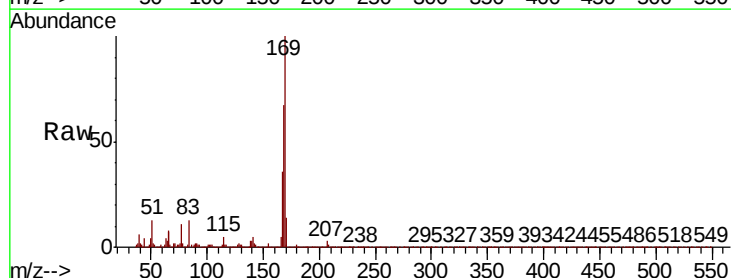
Tgt Ion:169 Resp: 205323

Ion Ratio Lower Upper

169 100

168 66.7 52.7 79.1

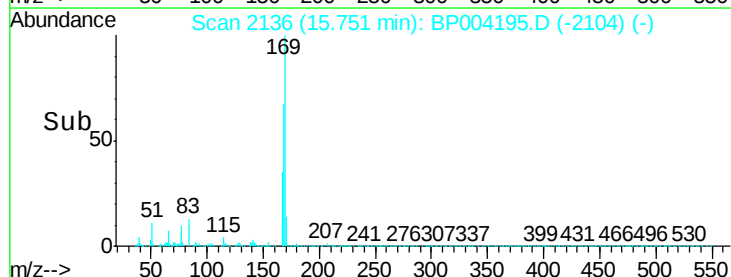
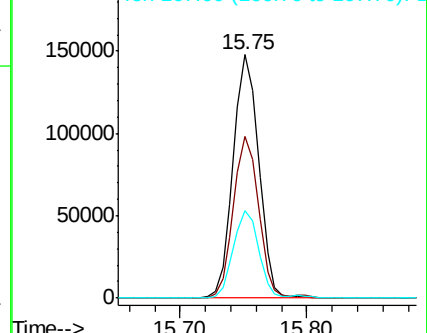
167 35.7 28.2 42.2

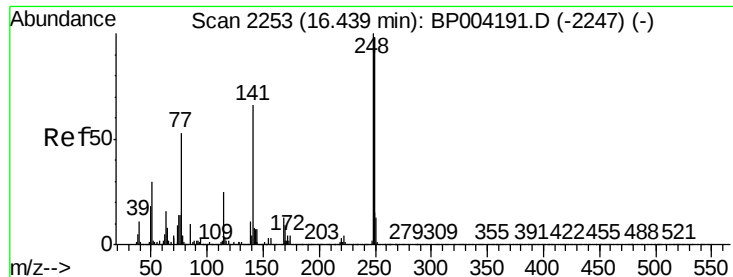


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

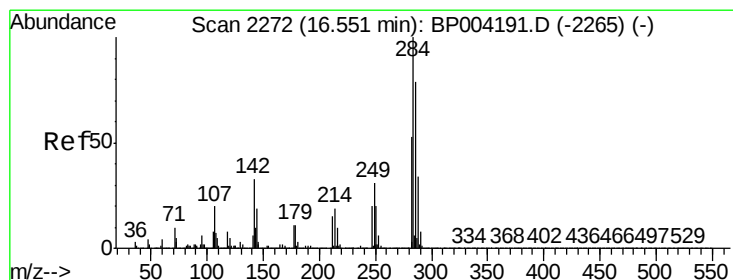
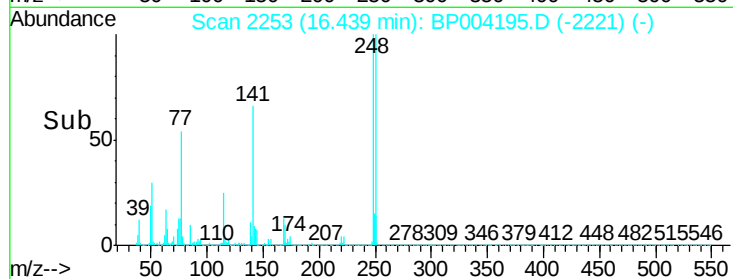
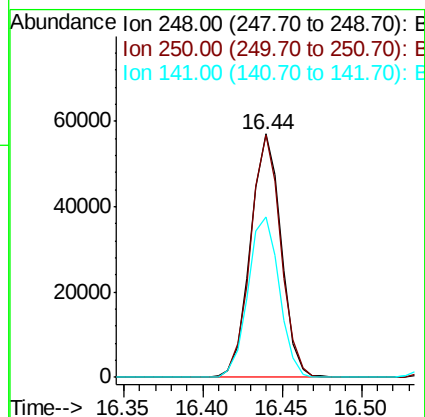
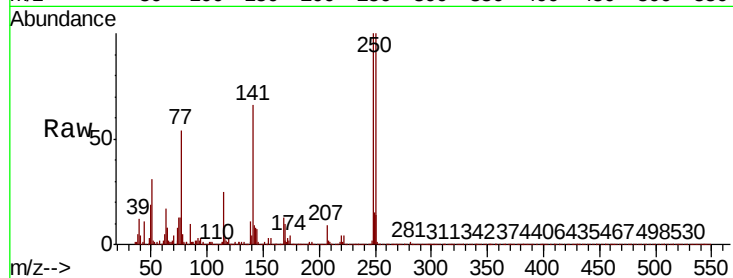




#68
4-Bromophenyl-phenylether
Concen: 2.826 ng/ul
RT: 16.44 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

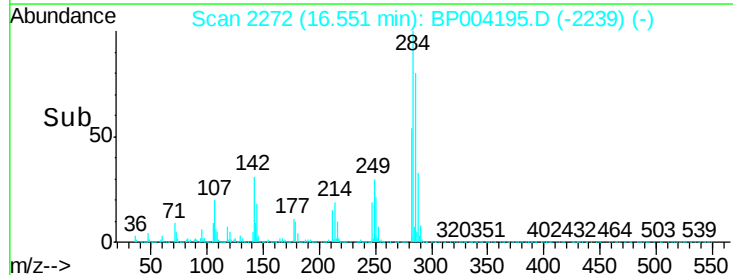
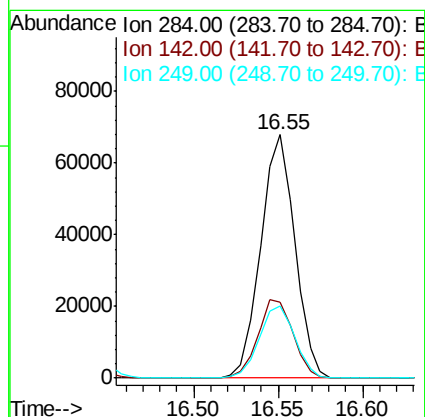
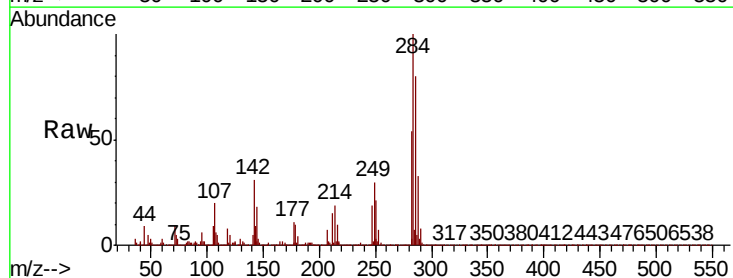
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

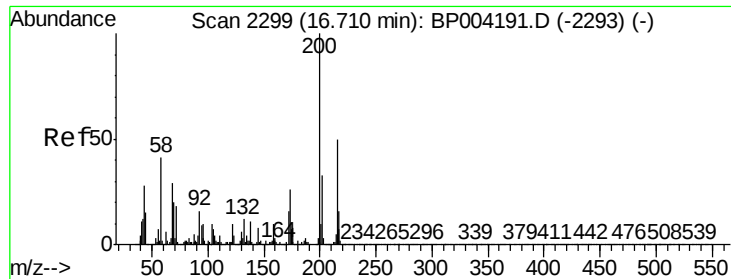
Tot Ion:248 Resp: 76861
Ion Ratio Lower Upper
248 100
250 99.7 75.5 113.3
141 65.9 53.2 79.8



#69
Hexachlorobenzene
Concen: 3.130 ng/ul
RT: 16.55 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion:284 Resp: 94958
Ion Ratio Lower Upper
284 100
142 31.1 25.4 38.0
249 29.8 25.4 38.2

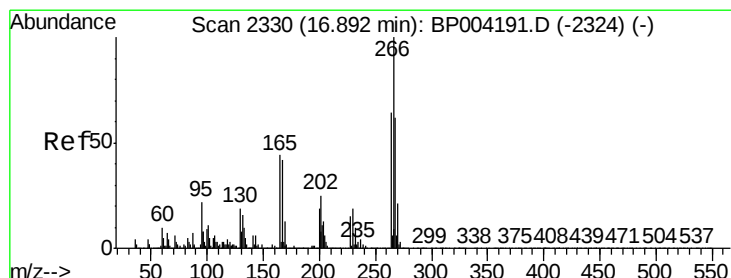
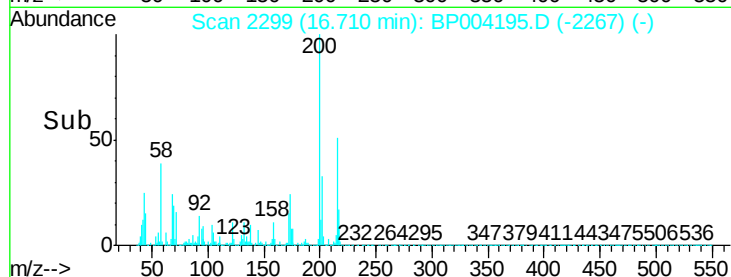
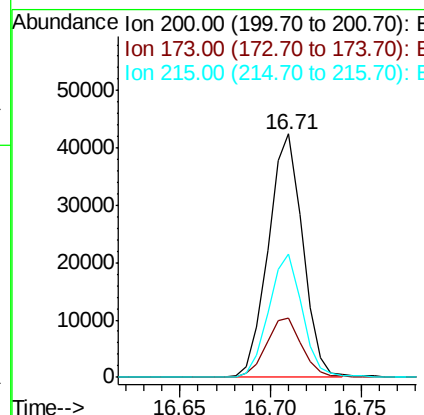
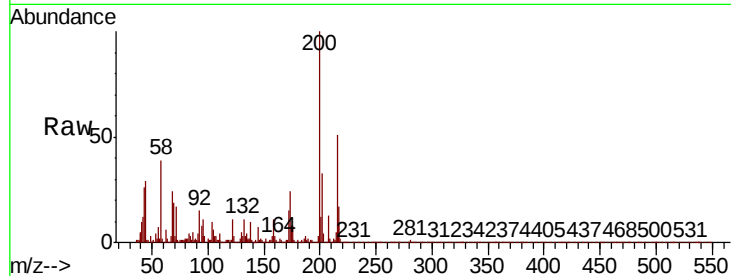




#70
Atrazine
Concen: 2.048 ng/ul
RT: 16.71 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

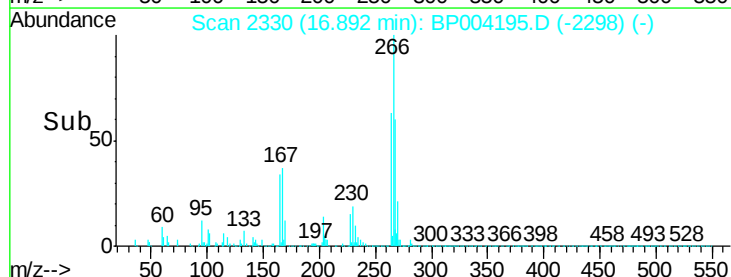
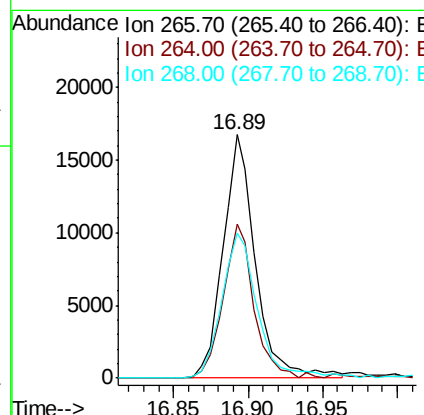
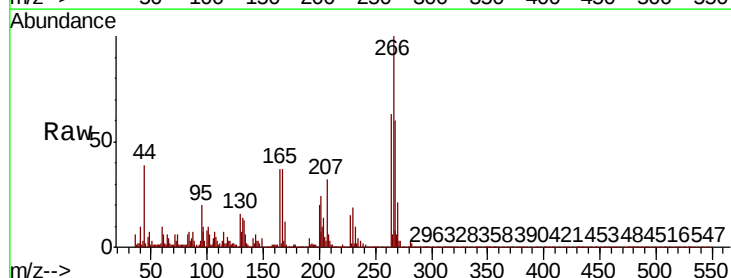
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

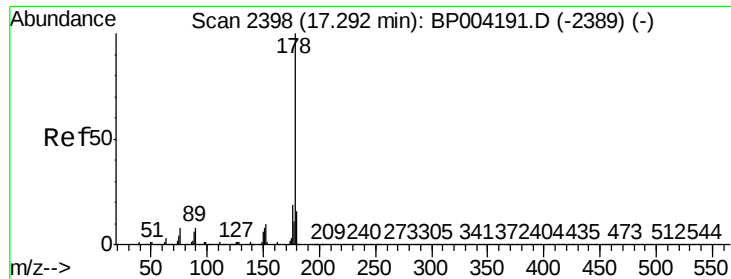
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	21.4	32.0
215	50.6	39.9	59.9



#71
Pentachlorophenol
Concen: 1.737 ng/ul
RT: 16.89 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.2	73.8
268	59.8	50.0	75.0





#72

Phenanthrene

Concen: 3.202 ng/ul

RT: 17.29 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

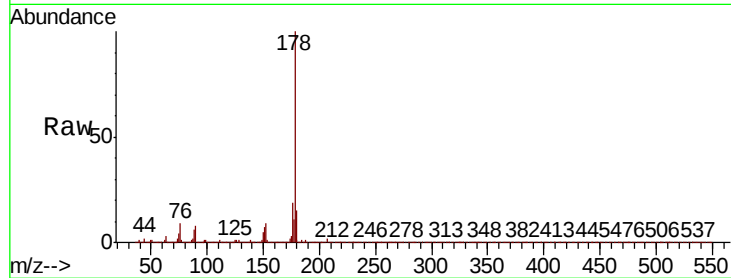
BNA_P

ClientSampleId :

MDL-SOIL-07

Tot Ion:178 Resp: 418540

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.1	15.4	23.2

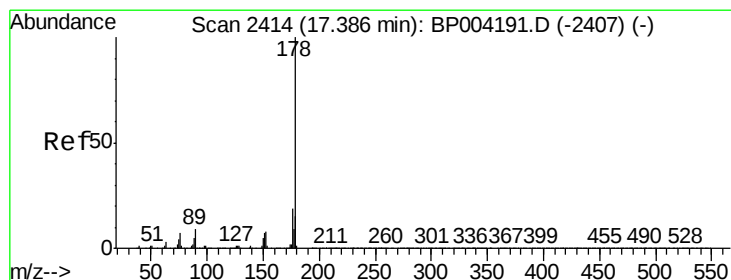
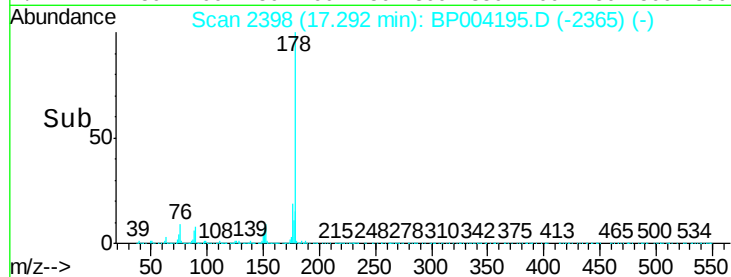
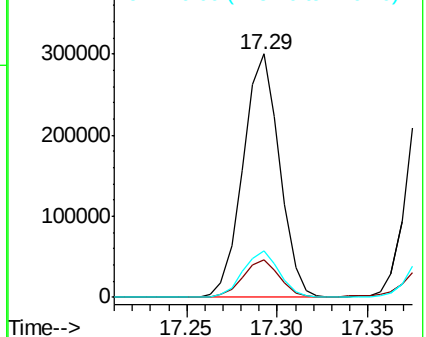


Abundance

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: 3.139 ng/ul

RT: 17.38 min Scan# 2413

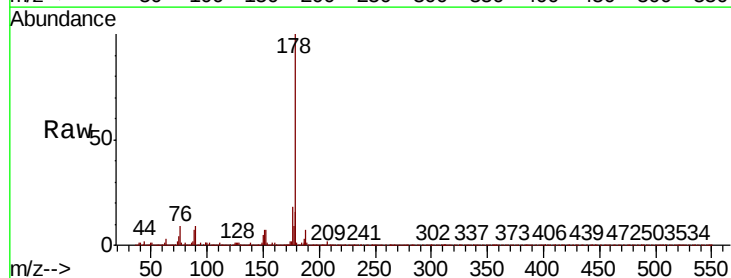
Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Tgt Ion:178 Resp: 418098

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.0	14.6	22.0

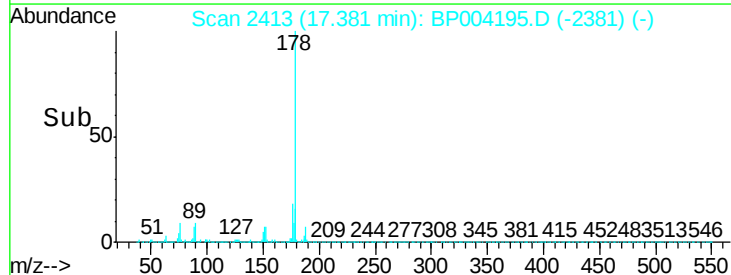
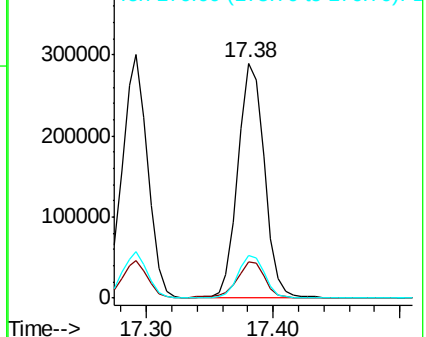


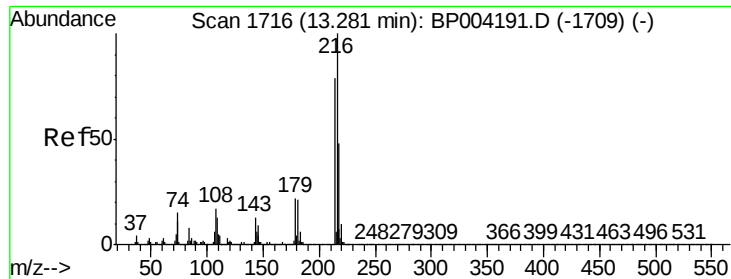
Abundance

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

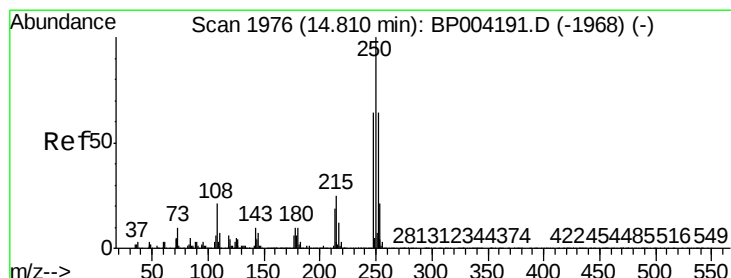
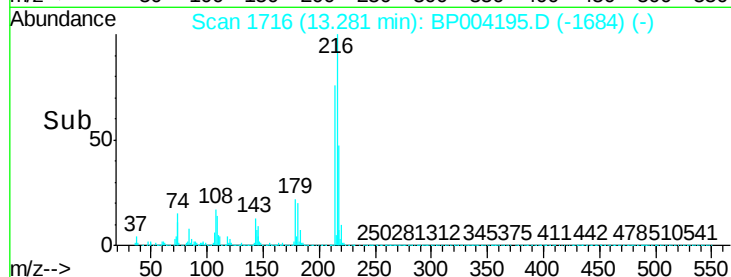
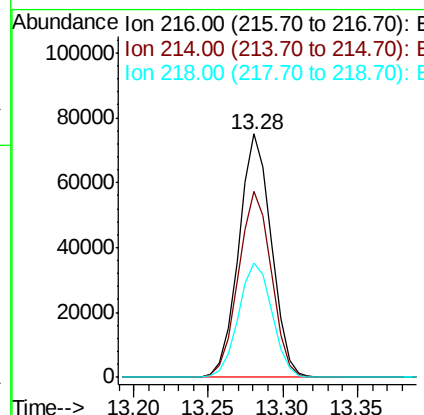
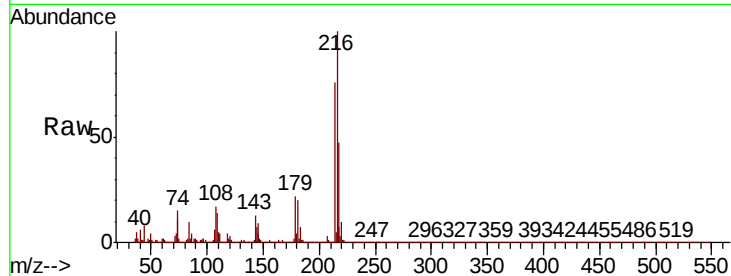




#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 3.302 ng/uL
 RT: 13.28 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

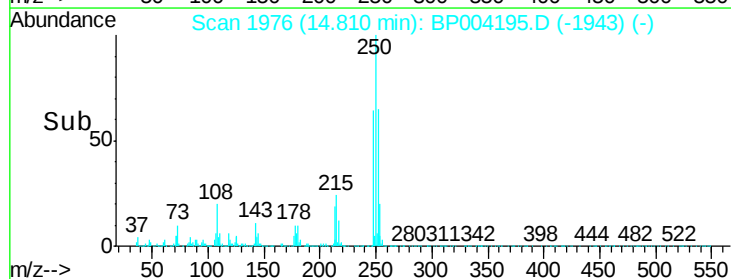
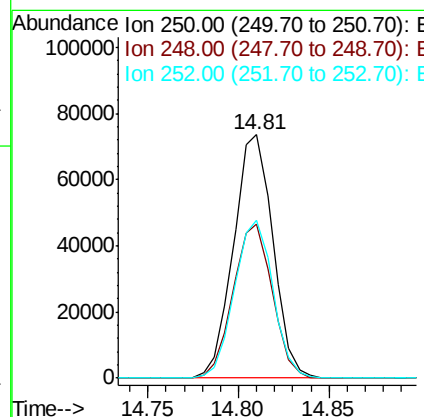
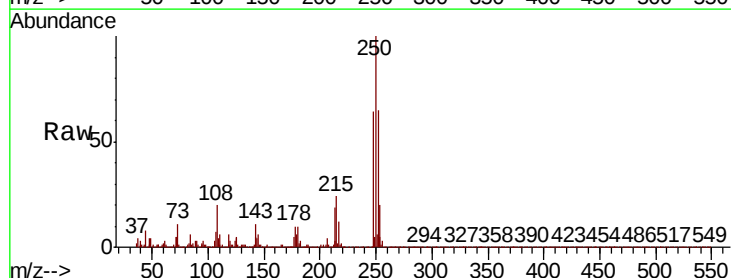
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

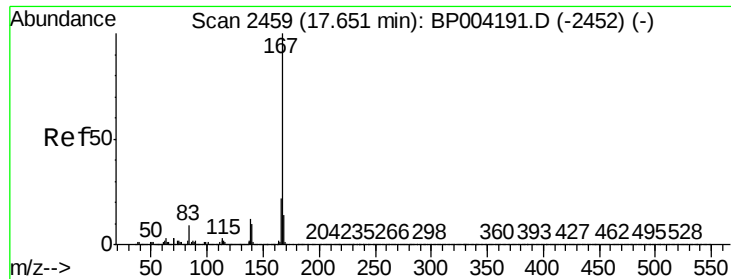
Tot Ion	Ratio	Lower	Upper
216	100		
214	76.2	62.5	93.7
218	46.7	38.3	57.5



#76
 Pentachlorobenzene
 Concen: 3.185 ng/uL
 RT: 14.81 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
250	100		
248	63.5	50.5	75.7
252	64.6	50.4	75.6

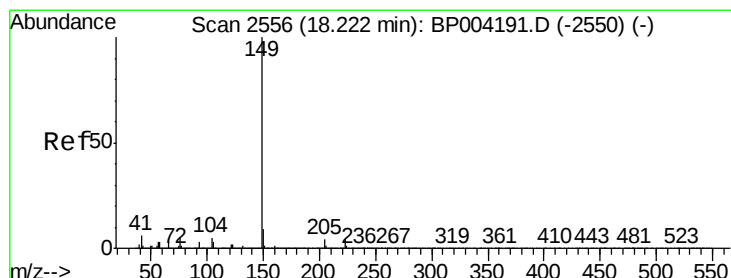
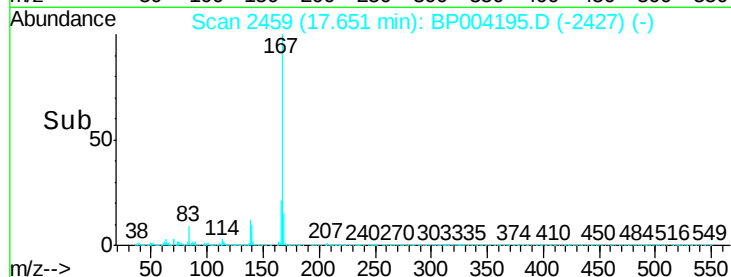
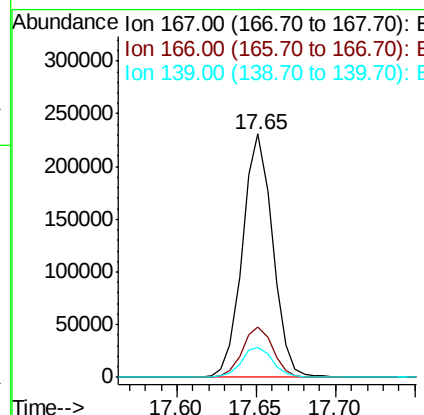
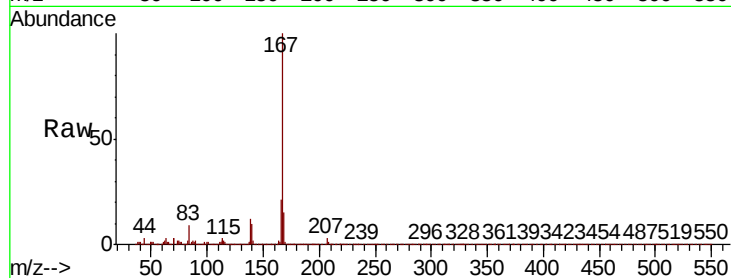




#77
 Carbazole
 Concen: 2.708 ng/ul
 RT: 17.65 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

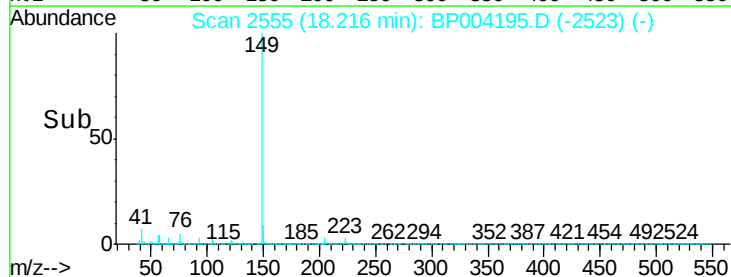
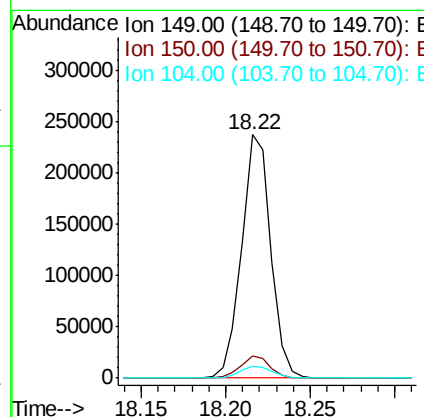
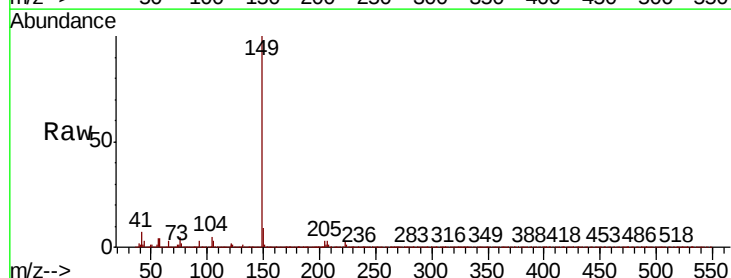
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

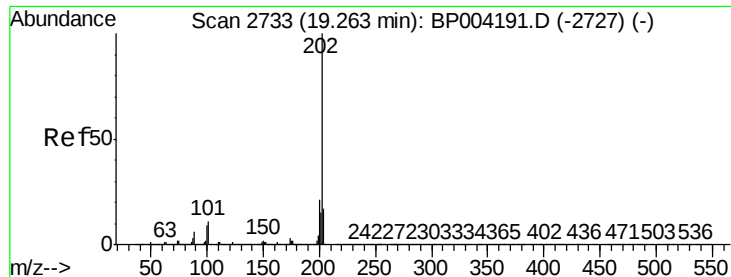
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	12.2	9.8	14.8



#78
 Di-n-butylphthalate
 Concen: 1.931 ng/ul
 RT: 18.22 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.9	3.8	5.8





#80

Fluoranthene

Concen: 2.825 ng/ul

RT: 19.26 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

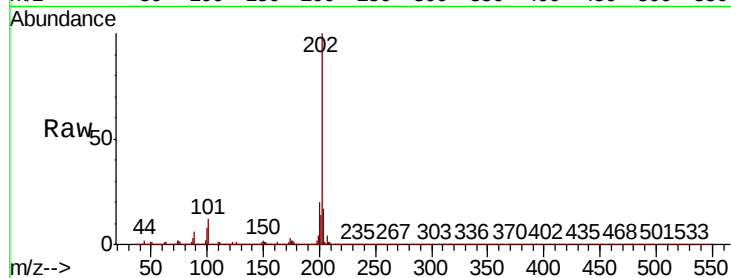
Tot Ion:202 Resp: 434774

Ion Ratio Lower Upper

202 100

101 11.6 8.6 12.8

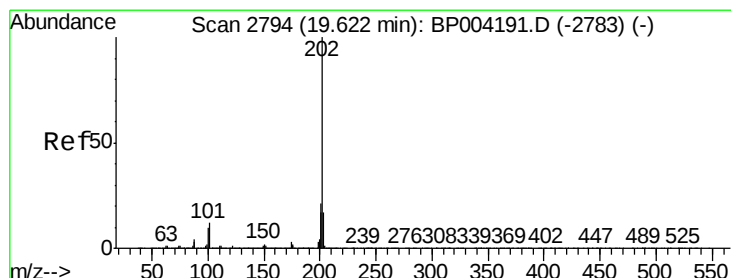
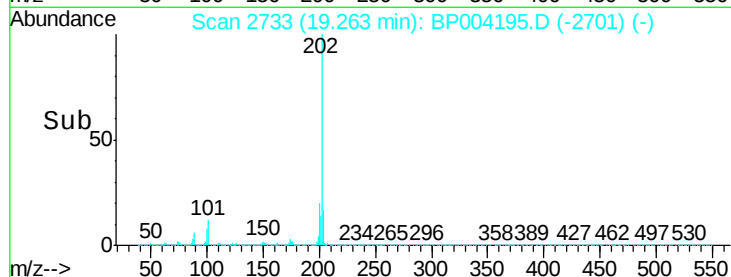
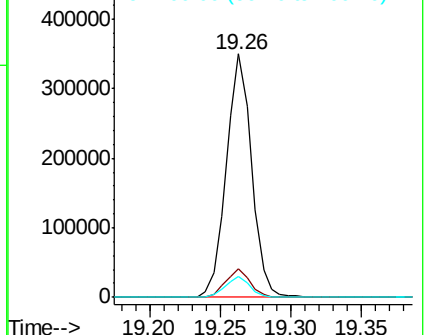
100 8.5 6.6 9.8



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: 3.251 ng/ul

RT: 19.62 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

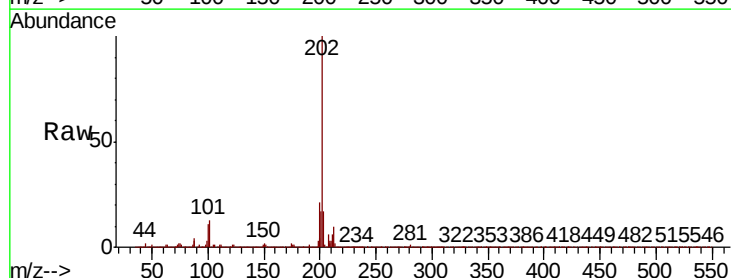
Tgt Ion:202 Resp: 508181

Ion Ratio Lower Upper

202 100

101 12.9 10.0 15.0

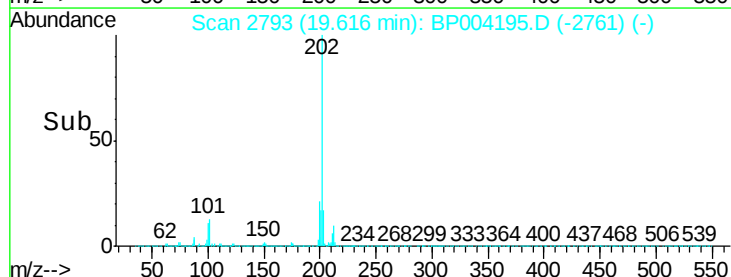
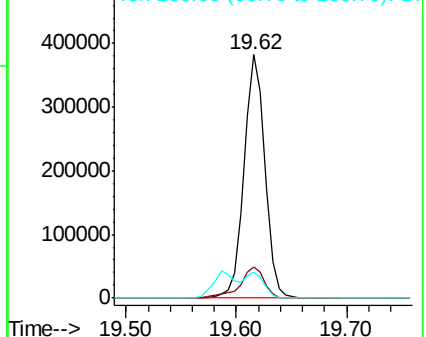
100 10.7 8.2 12.2

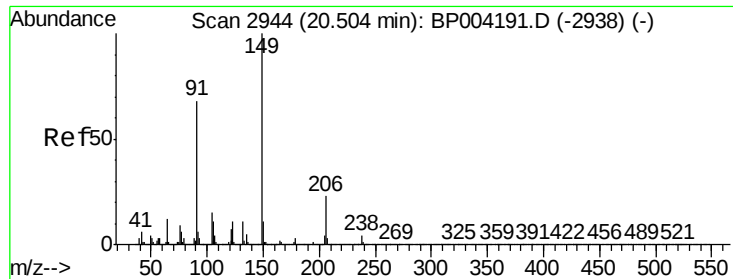


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

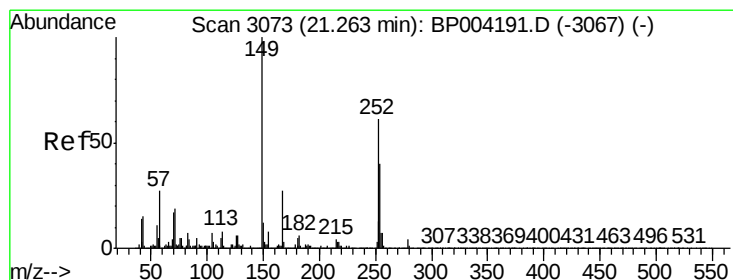
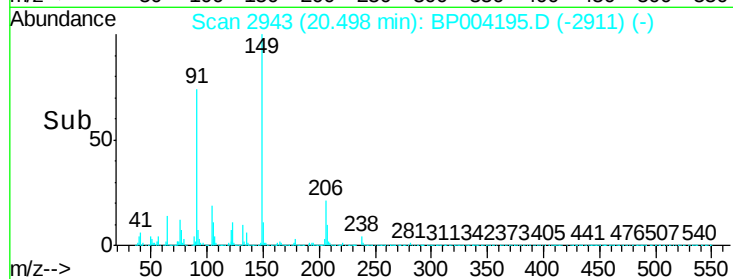
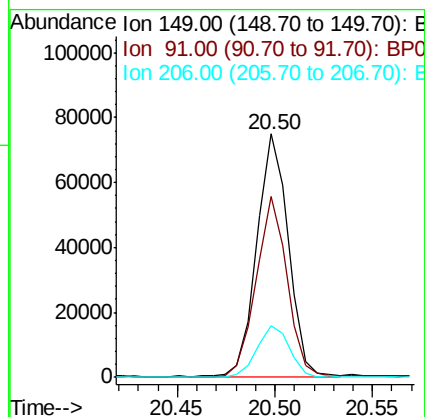
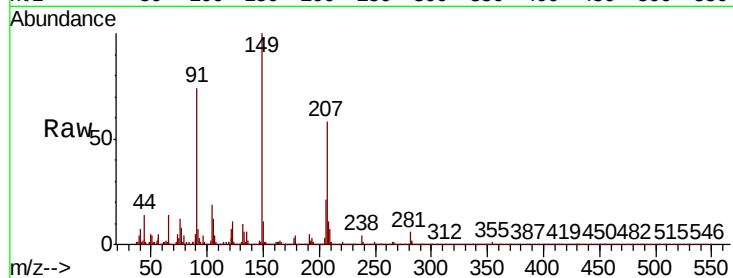




#83
Butylbenzylphthalate
Concen: 1.309 ng/ul
RT: 20.50 min Scan# 2943
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

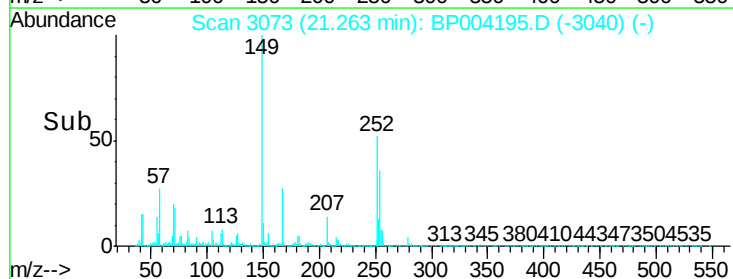
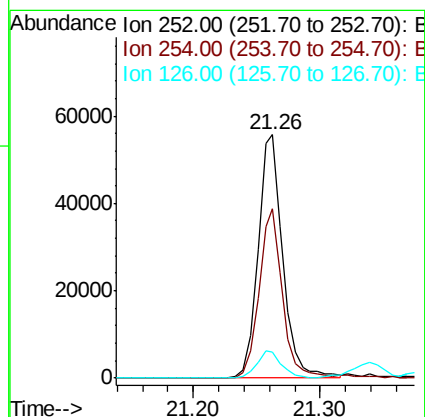
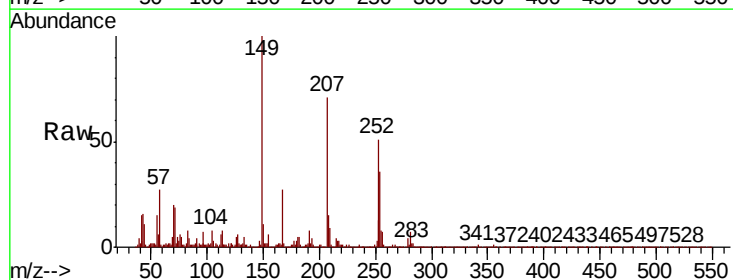
Instrument :
BNA_P
ClientSampleID :
MDL-SOIL-07

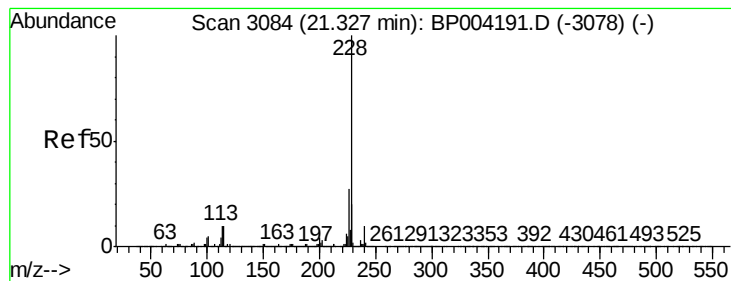
Tot Ion:149 Resp: 83165
Ion Ratio Lower Upper
149 100
91 74.1 56.8 85.2
206 21.0 17.9 26.9



#84
3,3'-Dichlorobenzidine
Concen: 1.445 ng/ul
RT: 21.26 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion:252 Resp: 75735
Ion Ratio Lower Upper
252 100
254 69.4 51.8 77.8
126 10.5 8.5 12.7





#85

Benzo(a)anthracene

Concen: 2.960 ng/ul

RT: 21.33 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

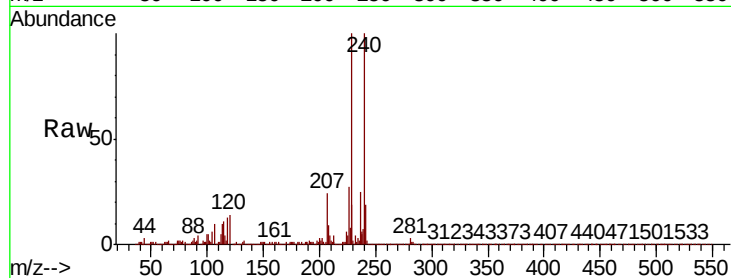
Tot Ion:228 Resp: 460048

Ion Ratio Lower Upper

228 100

229 19.1 15.9 23.9

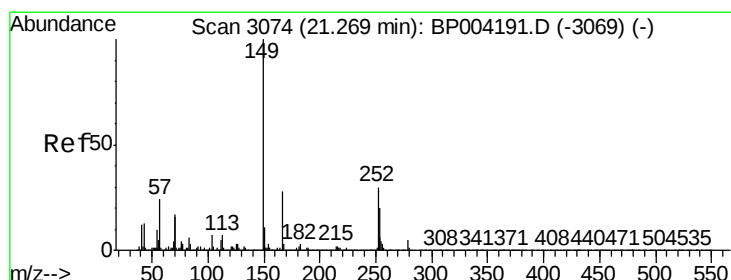
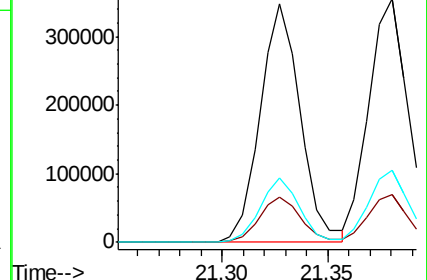
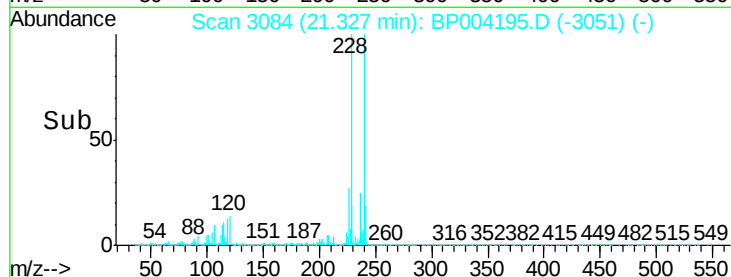
226 26.8 22.0 33.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.425 ng/ul

RT: 21.27 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

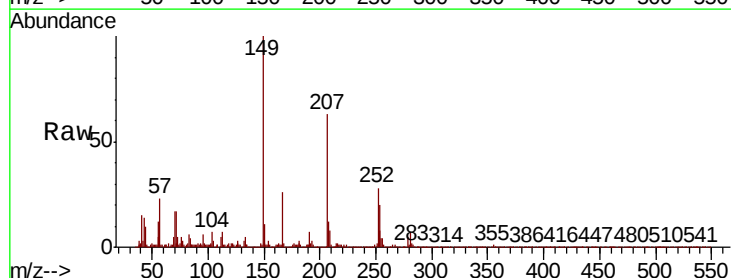
Tgt Ion:149 Resp: 136568

Ion Ratio Lower Upper

149 100

167 26.4 22.9 34.3

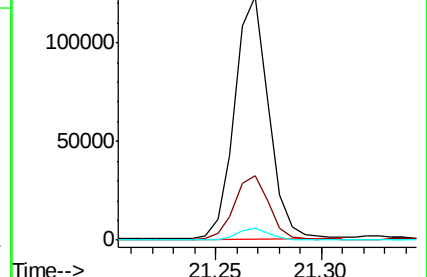
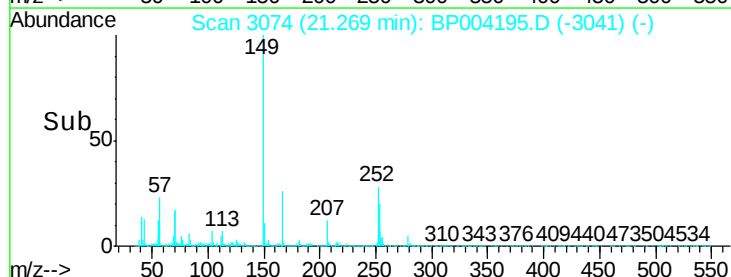
279 4.7 3.8 5.6

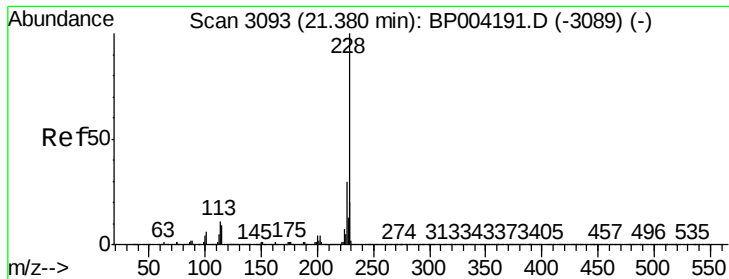


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

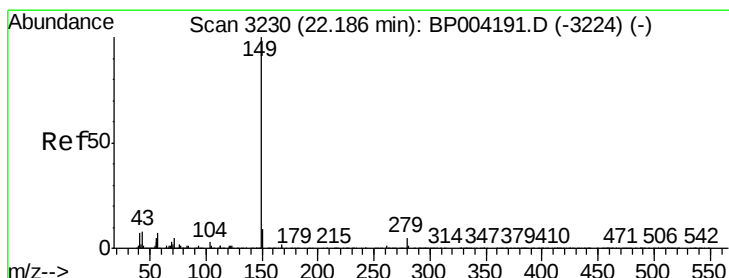
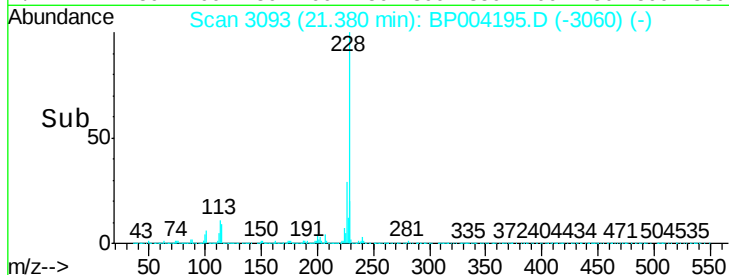
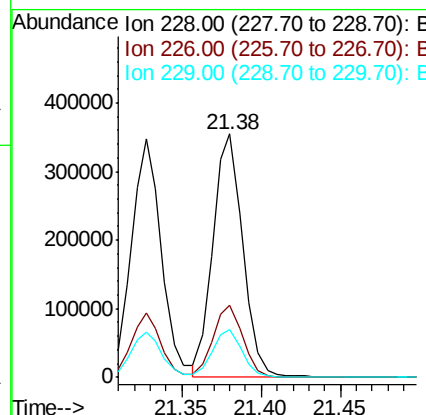
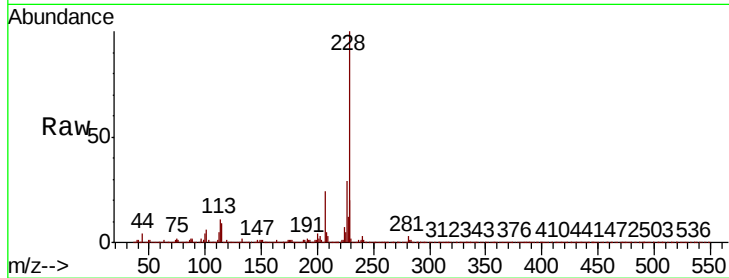




#87
 Chrysene
 Concen: 3.134 ng/ul
 RT: 21.38 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

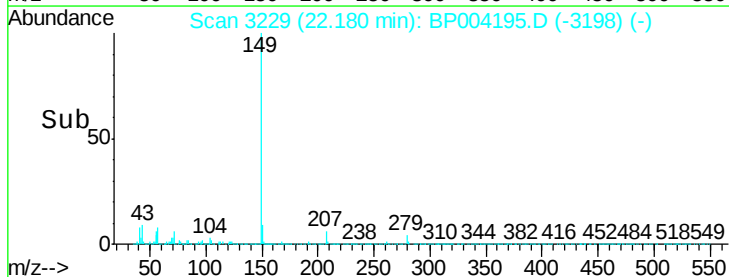
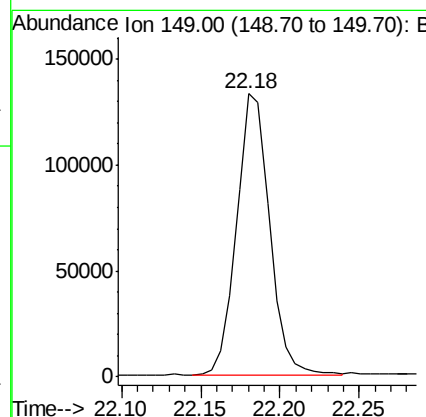
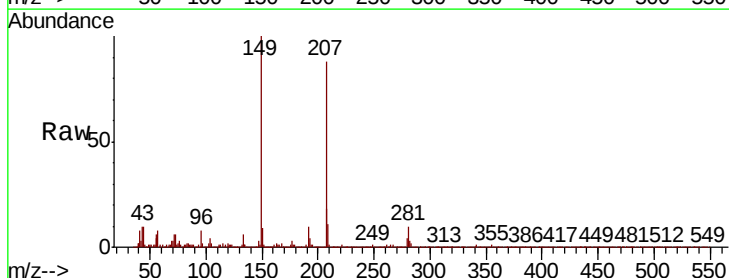
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-07

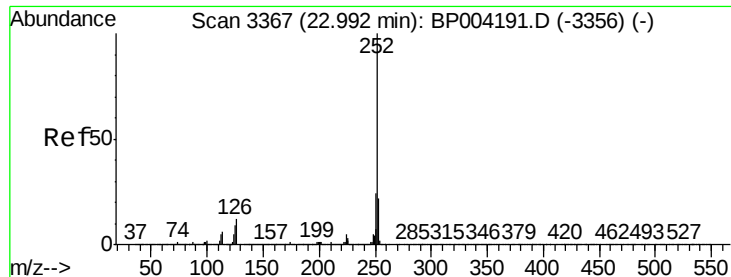
Tot Ion:228 Resp: 466407
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 19.5 15.7 23.5



#89
 Di-n-octyl phthalate
 Concen: 1.329 ng/ul
 RT: 22.18 min Scan# 3229
 Delta R.T. -0.02 min
 Lab File: BP004195.D
 Acq: 08 Dec 2020 11:49

Tgt Ion:149 Resp: 191162





#90

Benzo(b)fluoranthene

Concen: 2.712 ng/ul

RT: 22.99 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

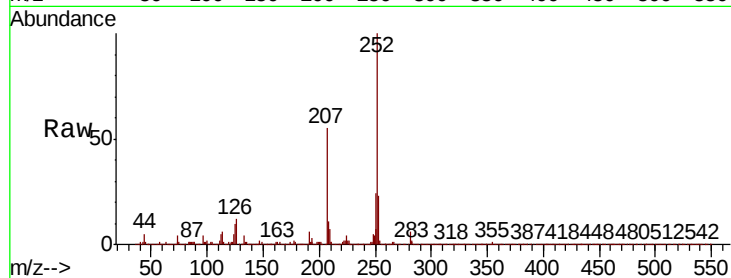
Tot Ion:252 Resp: 420544

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

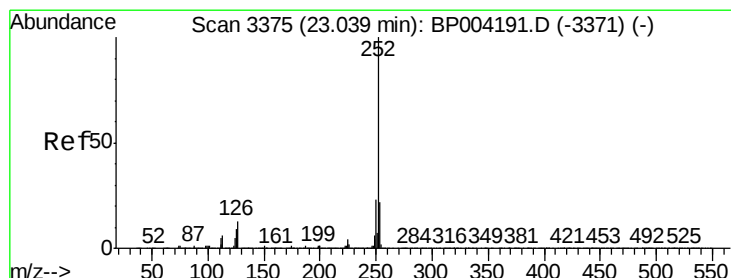
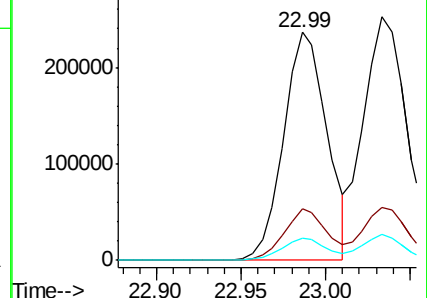
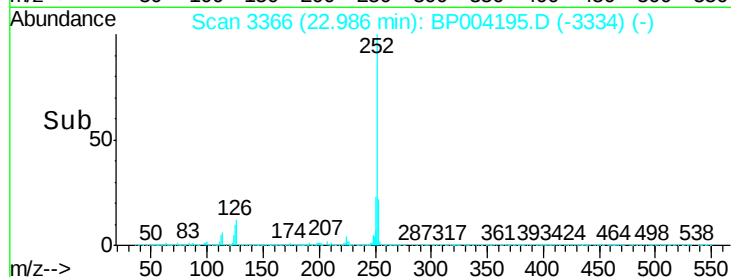
125 9.9 7.9 11.9



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: 3.075 ng/ul

RT: 23.03 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

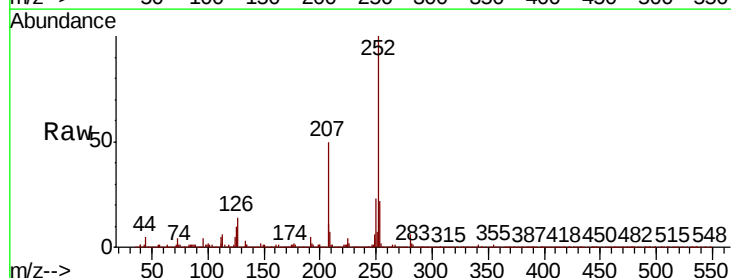
Tgt Ion:252 Resp: 461835

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

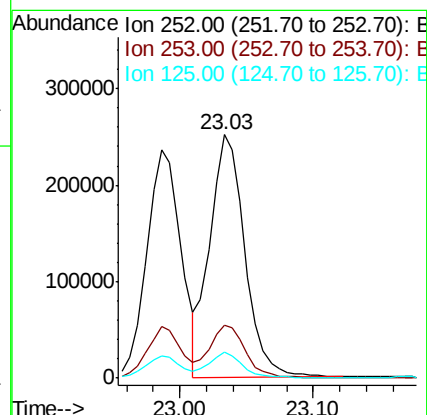
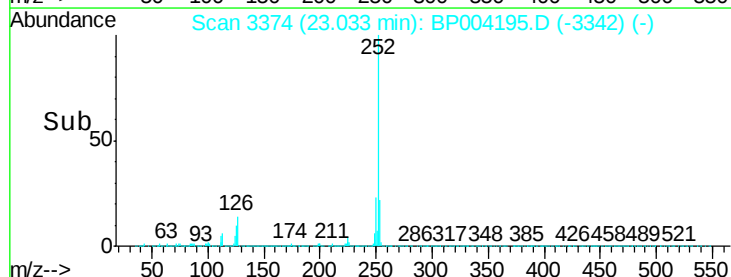
125 10.5 7.8 11.8

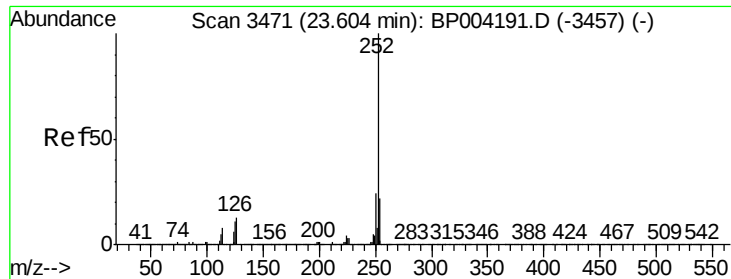


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

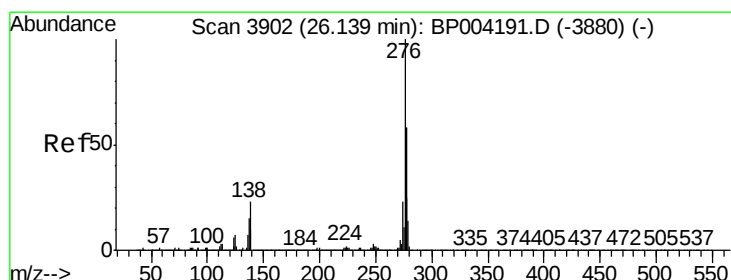
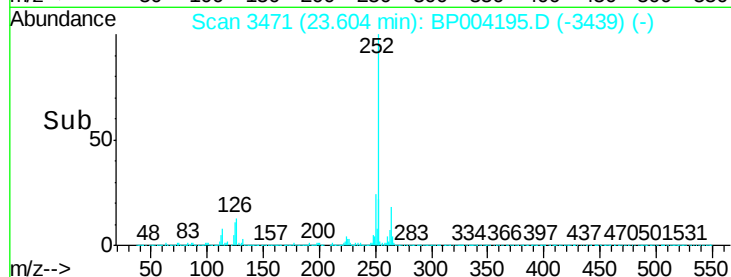
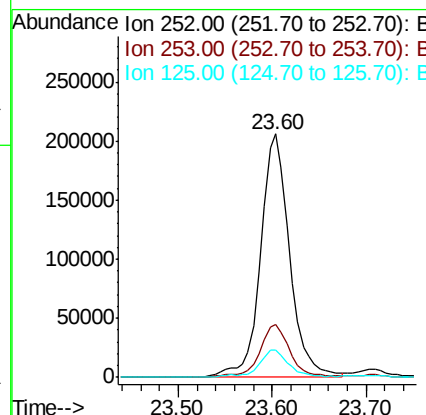
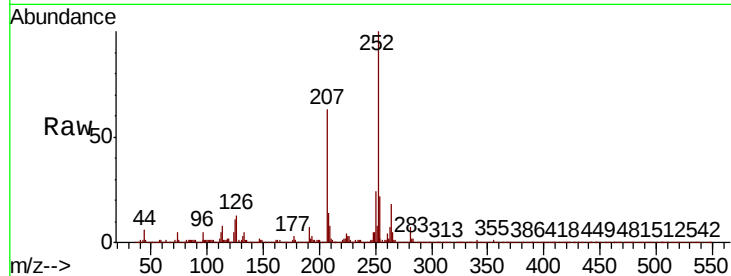




#93
Benzo(a)pyrene
Concen: 3.086 ng/ul
RT: 23.60 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

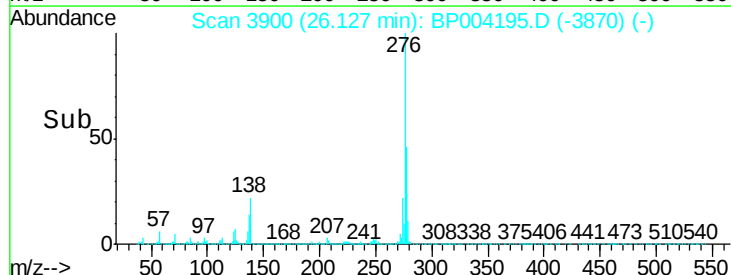
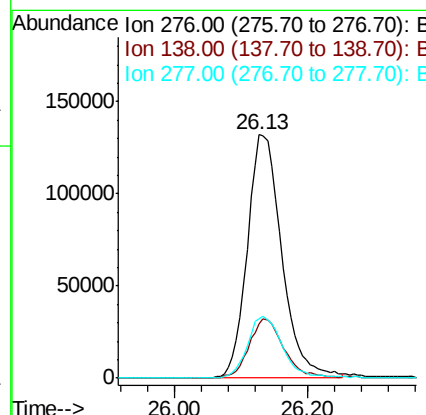
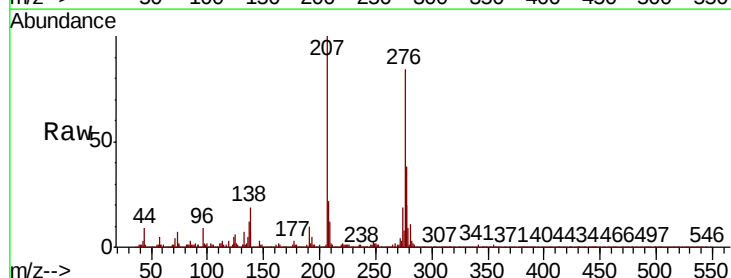
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-07

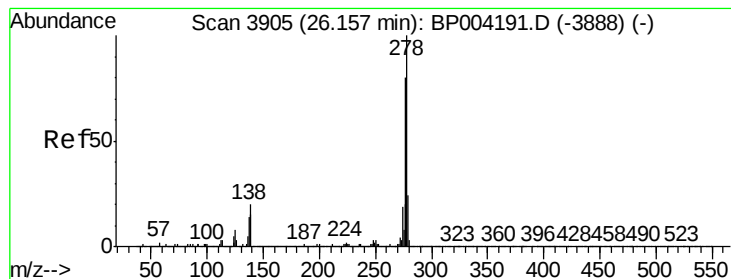
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.0	8.3	12.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.576 ng/ul
RT: 26.13 min Scan# 3900
Delta R.T. -0.02 min
Lab File: BP004195.D
Acq: 08 Dec 2020 11:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.4	26.0
277	24.1	20.1	30.1





#95

Dibenzo(a,h)anthracene

Concen: 2.670 ng/ul

RT: 26.15 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-07

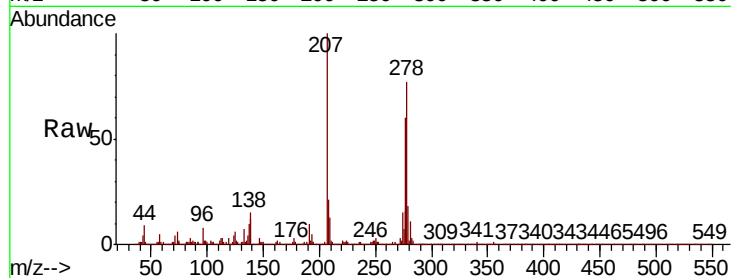
Tot Ion:278 Resp: 406469

Ion Ratio Lower Upper

278 100

139 15.5 12.3 18.5

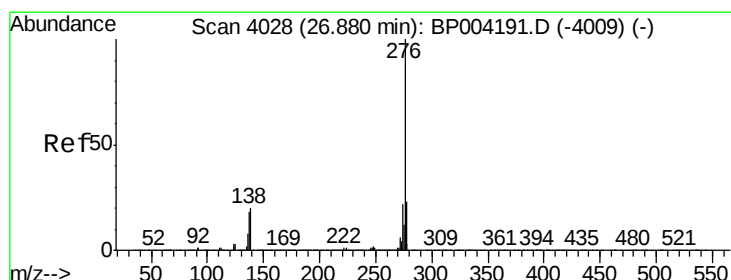
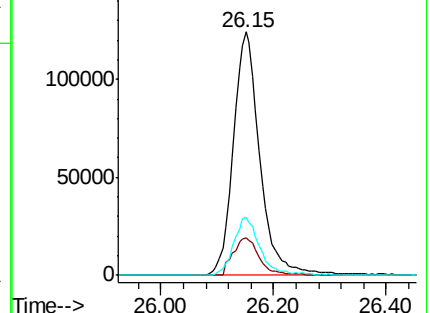
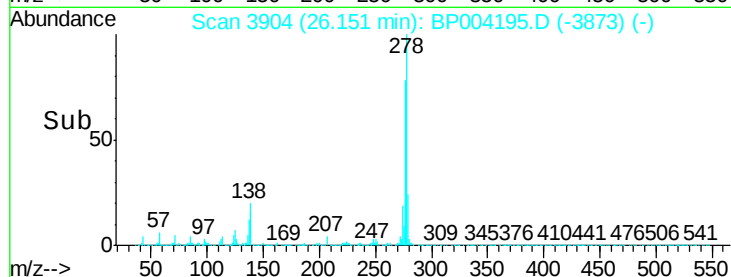
279 23.9 19.1 28.7



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



#96

Benzo(g,h,i)perylene

Concen: 2.570 ng/ul

RT: 26.87 min Scan# 4026

Delta R.T. -0.03 min

Lab File: BP004195.D

Acq: 08 Dec 2020 11:49

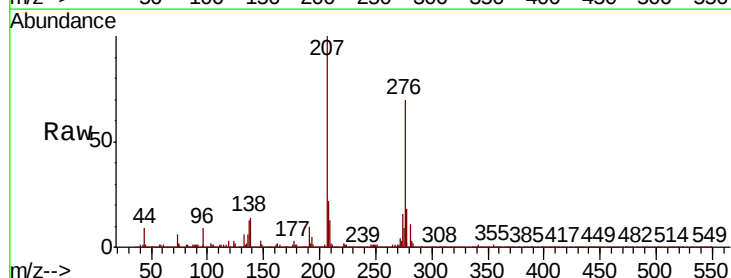
Tgt Ion:276 Resp: 393432

Ion Ratio Lower Upper

276 100

138 20.5 16.2 24.4

277 24.9 19.0 28.6



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

