

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031821\
 Data File : BP004996.D
 Acq On : 18 Mar 2021 11:53
 Operator : CG/JU
 Sample : M1344-02
 Misc : SFAM-MDL-S-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

Quant Time: Mar 18 12:24:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 18 10:42:23 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	41545	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	165699	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	111938	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	258659	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	294106	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	288830	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	4708	4.48	ng/uL	0.00
4) Pyridine-d5	3.64	84	62104	24.22	ng/ul	0.00
7) Phenol-d5	6.90	99	105870	31.38	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	57986	32.60	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	94098	34.69	ng/ul	0.00
15) 4-Methylphenol-d8	8.44	113	85828	32.08	ng/ul	0.00
21) Nitrobenzene-d5	8.89	128	44412	35.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	51953	36.27	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.14	165	94762	34.40	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	119442	31.89	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	310877	36.36	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	373381	37.40	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	46318	30.80	ng/ul	0.00
60) Fluorene-d10	15.38	176	275837	37.28	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	56213	31.13	ng/ul	0.00
73) Anthracene-d10	17.24	188	426672	35.07	ng/ul	0.00
81) Pyrene-d10	19.48	212	508103	34.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	593678	38.21	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.27	88	1632	1.498	ng/uL# 78
5) Pyridine	3.66	79	9926	3.751	ng/ul# 54
6) Benzaldehyde	6.88	77	8934	5.094	ng/ul 98
8) Phenol	6.93	94	15032	4.271	ng/ul 92
10) Bis(2-Chloroethyl)ether	7.16	93	11386	4.257	ng/ul 89
12) 2-Chlorophenol	7.30	128	13199	4.653	ng/ul 93
13) 2-Methylphenol	8.18	108	11390	4.250	ng/ul 93
14) 2,2'-oxybis(1-Chloropropan	8.26	45	10497	3.949	ng/ul# 83
16) Acetophenone	8.55	105	18731	4.260	ng/ul 96
17) N-Nitroso-di-n-propylamine	8.53	70	8784	4.304	ng/ul 91
18) 4-Methylphenol	8.50	108	12479	4.372	ng/ul 87
19) Hexachloroethane	8.80	117	5187	4.229	ng/ul# 92
22) Nitrobenzene	8.93	77	14151	4.378	ng/ul 96
23) Isophorone	9.45	82	23751	4.151	ng/ul 95
25) 2-Nitrophenol	9.63	139	7521	4.819	ng/ul 95
26) 2,4-Dimethylphenol	9.70	107	14191m	4.339	ng/ul
27) Bis(2-Chloroethoxy)methane	9.93	93	14763	4.337	ng/ul 96
29) 2,4-Dichlorophenol	10.17	162	13526	4.991	ng/ul 97
30) Naphthalene	10.57	128	42908	4.700	ng/ul 97
32) 4-Chloroaniline	10.69	127	17128	4.520	ng/ul 97
33) Hexachlorobutadiene	10.85	225	9756	4.761	ng/ul 98
34) Caprolactam	11.49	113	3696m	4.129	ng/ul

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35) 4-Chloro-3-methylphenol	11.82	107	11957	4.153	ng/ul	99
36) 2-Methylnaphthalene	12.19	142	30917	4.820	ng/ul	96
37) 1-Methylnaphthalene	12.41	142	29198	4.517	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	19303	4.797	ng/ul	99
40) Hexachlorocyclopentadiene	12.54	237	10205	3.995	ng/ul#	86
41) 2,4,6-Trichlorophenol	12.80	196	10897	4.368	ng/ul#	93
42) 2,4,5-Trichlorophenol	12.87	196	12155	4.519	ng/ul	96
43) 1,1'-Biphenyl	13.21	154	41136	4.617	ng/ul	97
44) 2-Chloronaphthalene	13.25	162	31988	4.564	ng/ul#	92
45) 2-Nitroaniline	13.46	65	6269m	3.369	ng/ul	
47) Dimethylphthalate	13.84	163	42221	4.799	ng/ul	99
48) 2,6-Dinitrotoluene	13.96	165	7672	4.305	ng/ul	89
50) Acenaphthylene	14.10	152	46991	4.588	ng/ul#	96
51) 3-Nitroaniline	14.29	138	6121	3.698	ng/ul	91
52) Acenaphthene	14.45	153	33670	4.584	ng/ul	97
53) 2,4-Dinitrophenol	14.50	184	3865	3.308	ng/ul#	77
55) 4-Nitrophenol	14.60	109	5544m	3.914	ng/ul	
56) Dibenzofuran	14.78	168	50583	4.781	ng/ul	100
57) 2,4-Dinitrotoluene	14.75	165	11112	4.411	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.01	232	11524	4.802	ng/ul#	91
59) Diethylphthalate	15.22	149	39413	4.569	ng/ul	99
61) Fluorene	15.43	166	41462	4.741	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.43	204	23156	4.882	ng/ul	95
63) 4-Nitroaniline	15.46	138	6839	4.205	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.52	198	8493	4.675	ng/ul#	91
67) N-Nitrosodiphenylamine	15.65	169	35281	4.542	ng/ul	100
68) 4-Bromophenyl-phenylether	16.33	248	15411	5.077	ng/ul	85
69) Hexachlorobenzene	16.44	284	18265	5.362	ng/ul	95
70) Atrazine	16.60	200	13114	4.157	ng/ul	98
71) Pentachlorophenol	16.79	266	9084	4.059	ng/ul	95
72) Phenanthrene	17.18	178	67378	4.587	ng/ul	98
74) Anthracene	17.27	178	68087	4.589	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	19852	4.568	ng/uL	89
76) Pentachlorobenzene	14.70	250	18332	4.206	ng/uL	95
77) Carbazole	17.55	167	53870	4.135	ng/ul	98
78) Di-n-butylphthalate	18.10	149	59916	4.036	ng/ul	99
80) Fluoranthene	19.16	202	79895	4.354	ng/ul#	93
82) Pyrene	19.51	202	86853	4.577	ng/ul#	96
83) Butylbenzylphthalate	20.39	149	24964	3.657	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.15	252	23490	3.476	ng/ul	97
85) Benzo(a)anthracene	21.22	228	88900	4.682	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.14	149	38521	3.699	ng/ul#	96
87) Chrysene	21.26	228	86794	4.660	ng/ul	98
89) Di-n-octyl phthalate	22.03	149	65513	3.536	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	90333	4.664	ng/ul	99
91) Benzo(k)fluoranthene	22.87	252	91625	4.770	ng/ul	100
93) Benzo(a)pyrene	23.42	252	80340	4.719	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.86	276	102047	4.744	ng/ul	98
95) Dibenzo(a,h)anthracene	25.88	278	88602	4.925	ng/ul	95
96) Benzo(g,h,i)perylene	26.58	276	87490	4.840	ng/ul	93

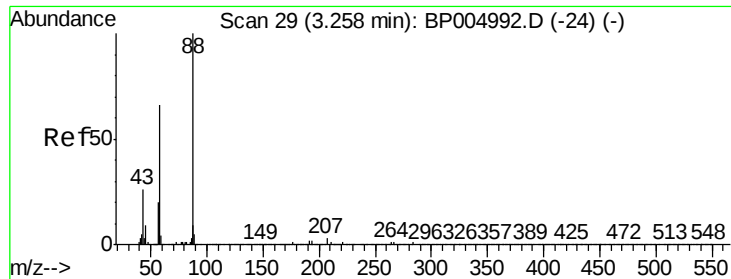
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 1.498 ng/uL

RT: 3.27 min Scan# 31

Delta R.T. 0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

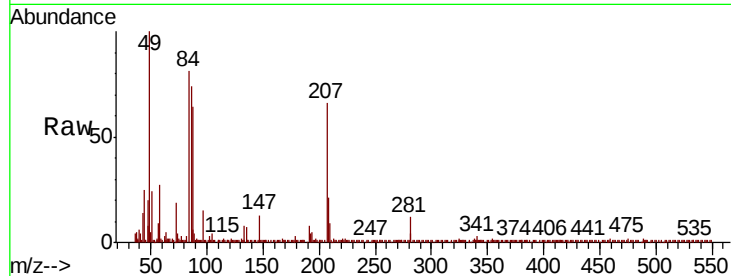
Tot Ion: 88 Resp: 1632

Ion Ratio Lower Upper

88 100

43 21.3 20.5 30.7

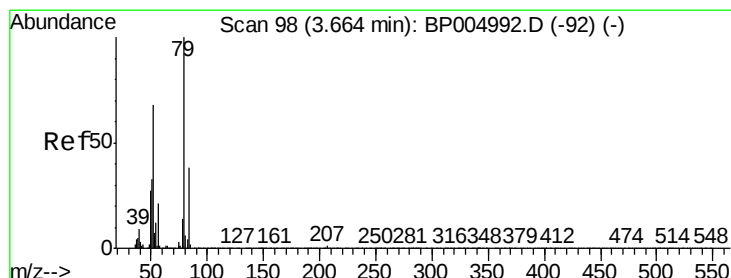
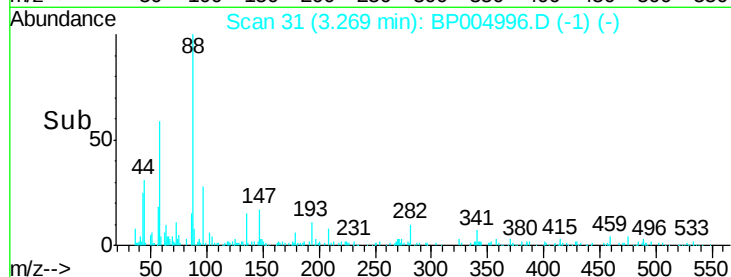
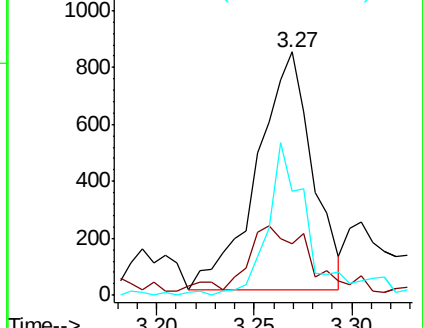
58 42.6 51.6 77.4#



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

Ion 58.00 (57.70 to 58.70): BP0



#5

Pyridine

Concen: 3.751 ng/uL

RT: 3.66 min Scan# 98

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

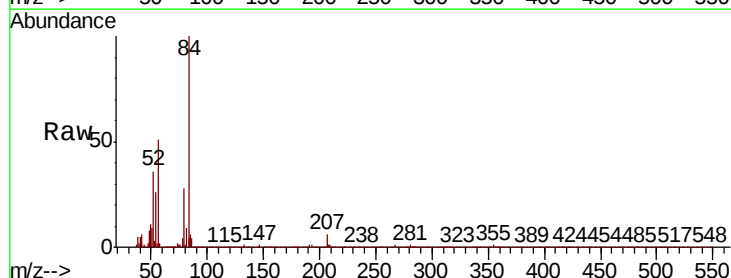
Tgt Ion: 79 Resp: 9926

Ion Ratio Lower Upper

79 100

52 127.8 57.2 85.8#

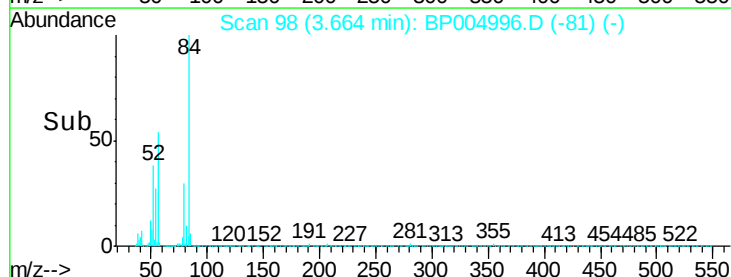
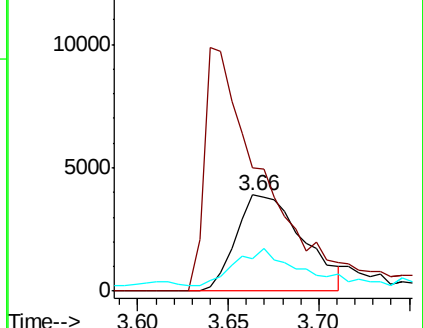
51 33.2 26.6 40.0

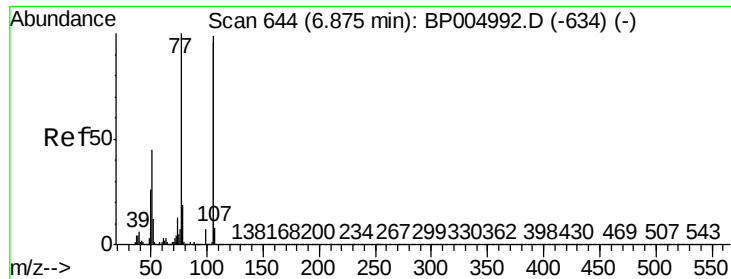


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0





#6

Benzaldehyde

Concen: 5.094 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. 0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

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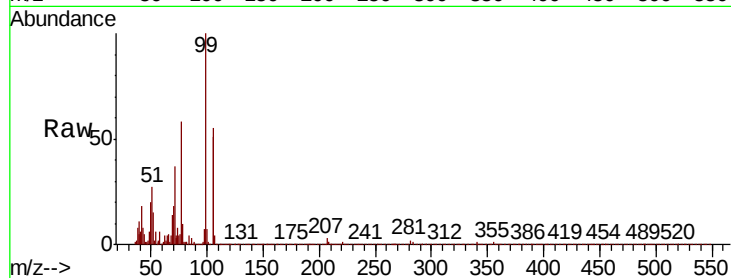
Tot Ion: 77 Resp: 8934

Ion Ratio Lower Upper

77 100

105 94.4 76.2 114.2

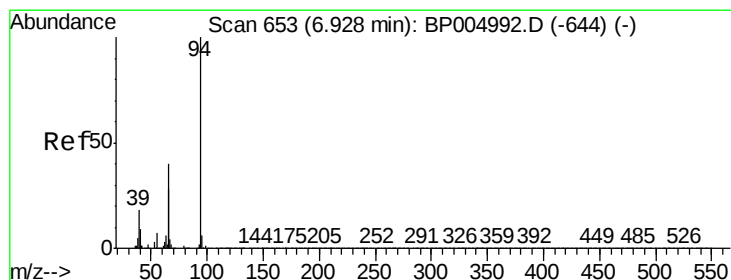
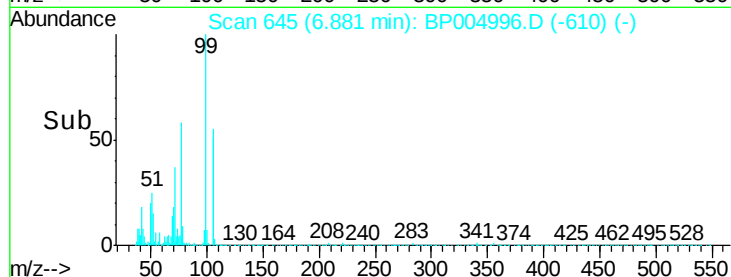
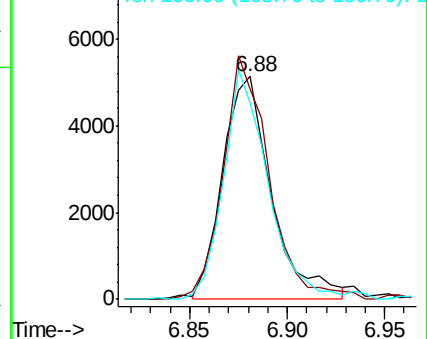
106 87.8 73.0 109.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#8

Phenol

Concen: 4.271 ng/ul

RT: 6.93 min Scan# 653

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

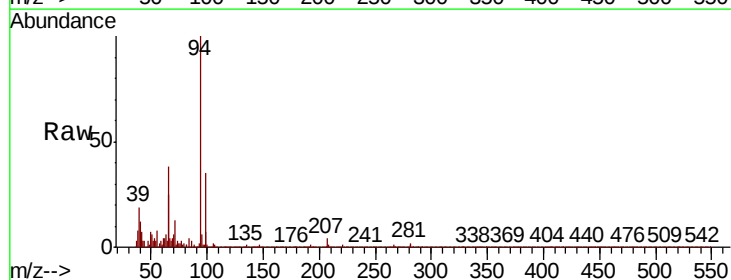
Tgt Ion: 94 Resp: 15032

Ion Ratio Lower Upper

94 100

65 24.9 23.9 35.9

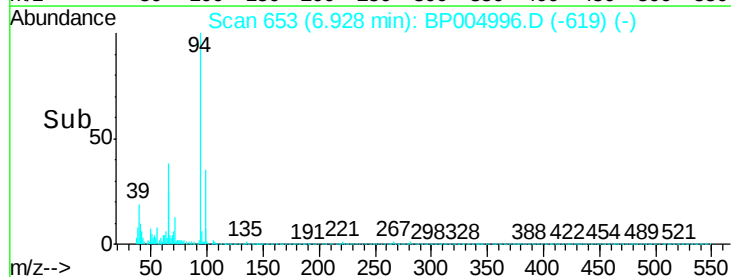
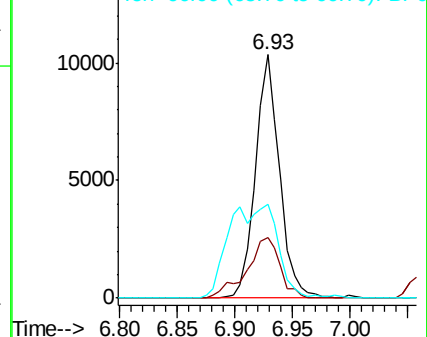
66 38.4 34.4 51.6

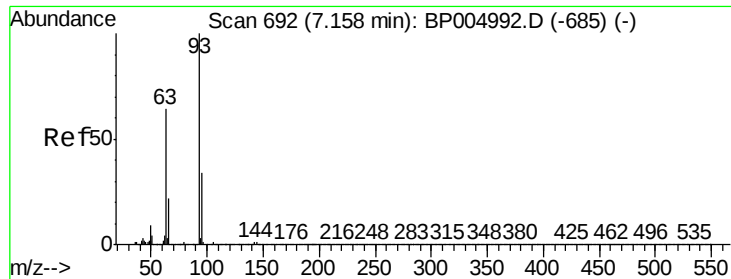


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

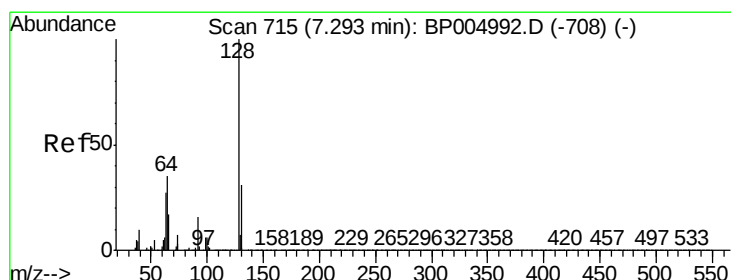
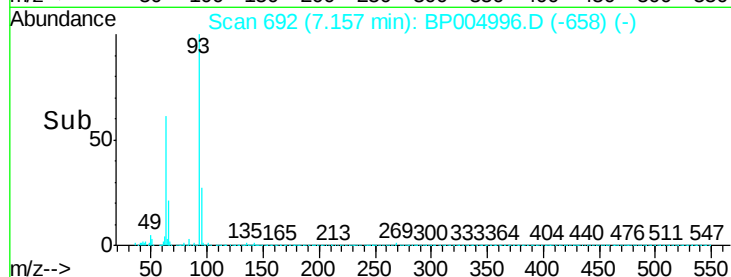
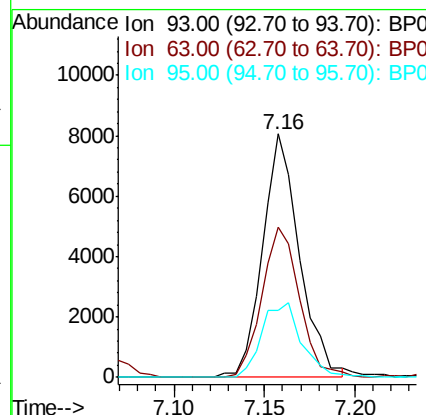
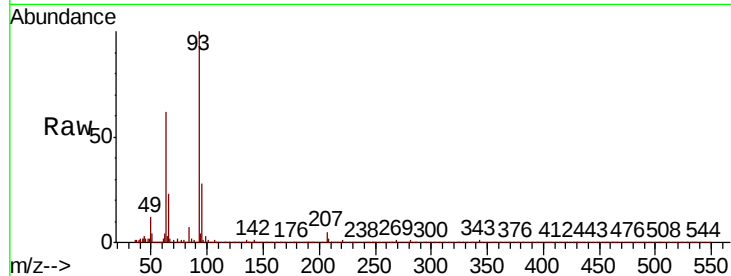




#10
 Bis(2-Chloroethyl)ether
 Concen: 4.257 ng/ul
 RT: 7.16 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BP004996.D
 Acq: 18 Mar 2021 11:53

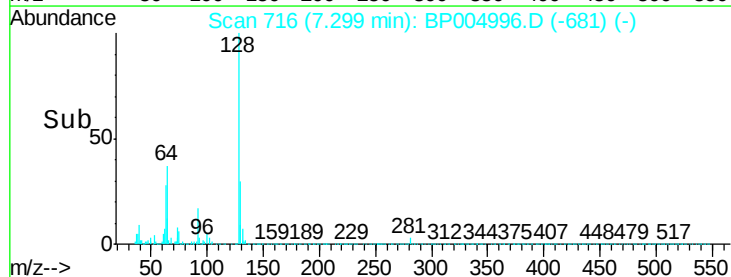
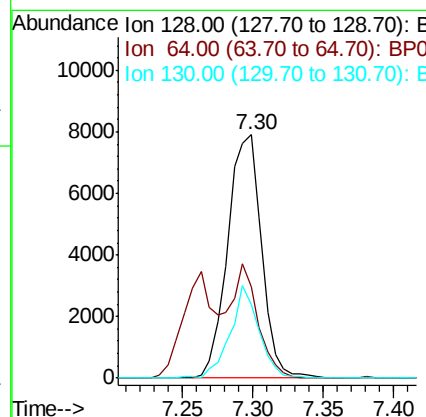
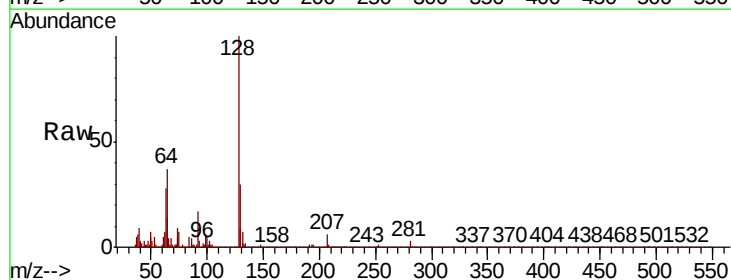
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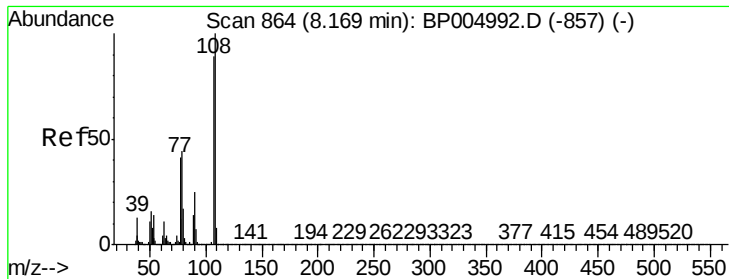
Tot Ion:	93	Resp:	11386
Ion	Ratio	Lower	Upper
93	100		
63	61.8	56.1	84.1
95	27.5	27.2	40.8



#12
 2-Chlorophenol
 Concen: 4.653 ng/ul
 RT: 7.30 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: BP004996.D
 Acq: 18 Mar 2021 11:53

Tgt Ion:	128	Resp:	13199
Ion	Ratio	Lower	Upper
128	100		
64	37.4	33.9	50.9
130	30.4	27.4	41.2

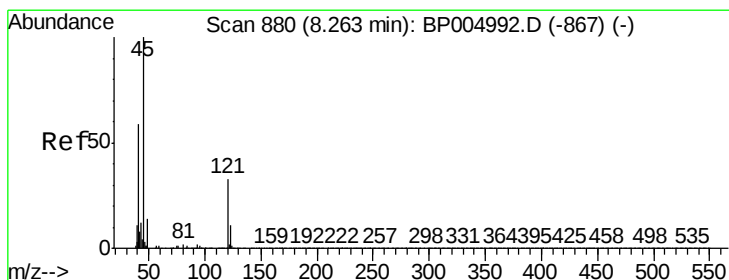
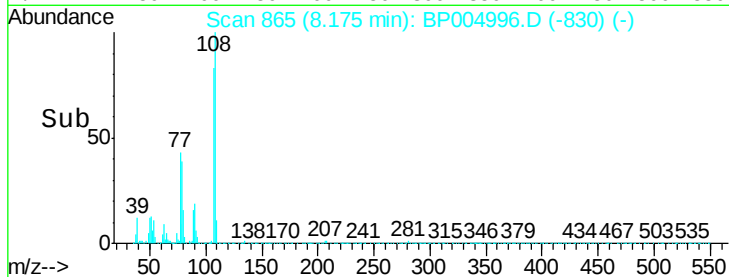
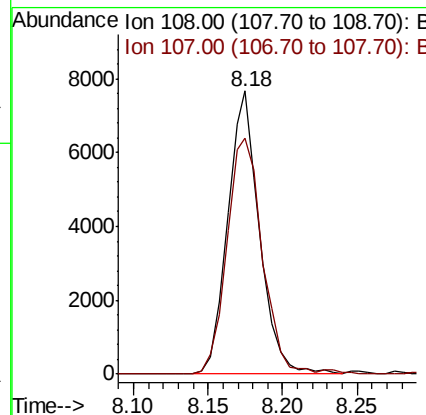
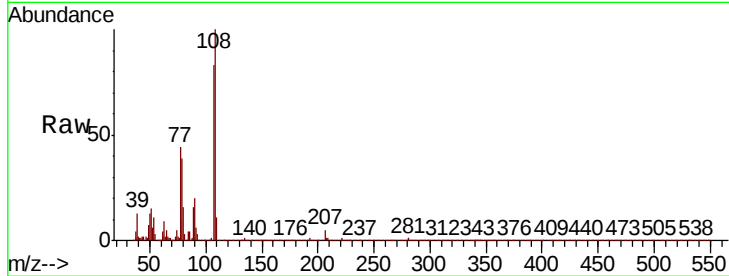




#13
2-Methylphenol
Concen: 4.250 ng/ul
RT: 8.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

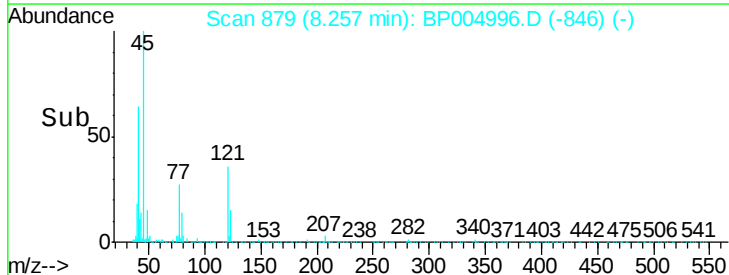
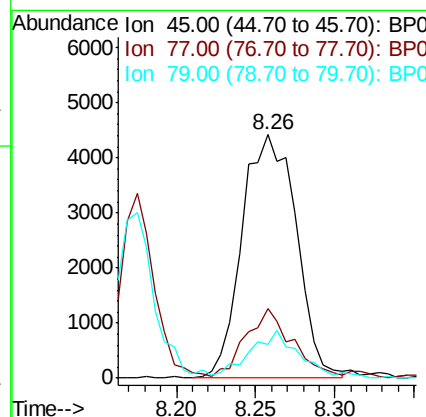
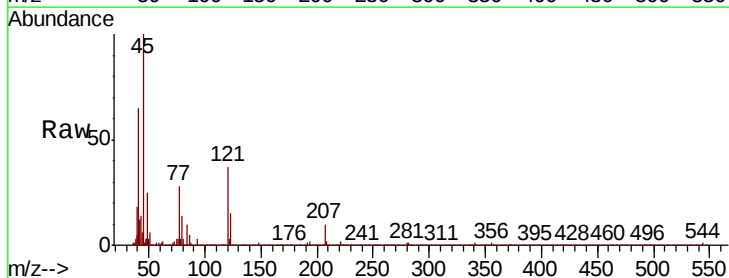
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

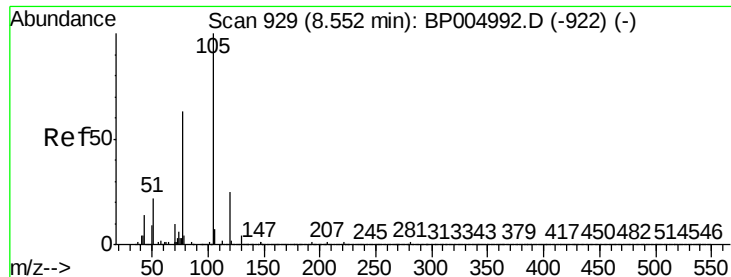
Tot Ion:108 Resp: 11390
Ion Ratio Lower Upper
108 100
107 83.3 72.3 108.5



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.949 ng/ul
RT: 8.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion: 45 Resp: 10497
Ion Ratio Lower Upper
45 100
77 28.3 13.5 20.3#
79 14.1 10.0 15.0

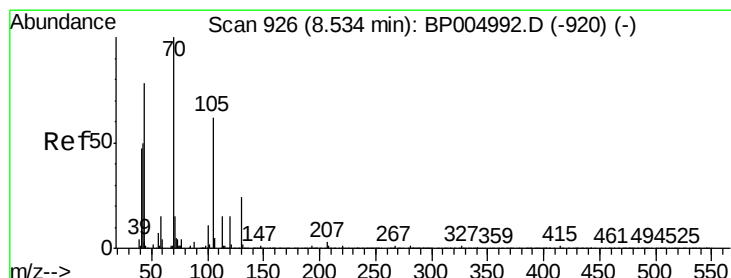
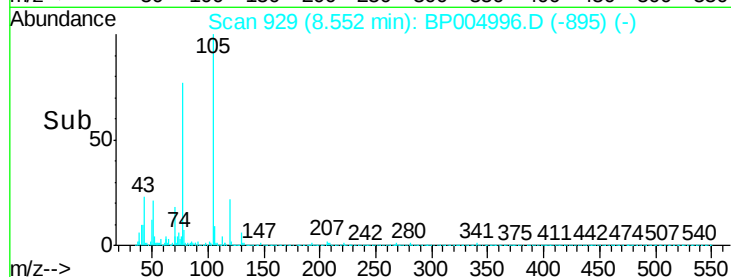
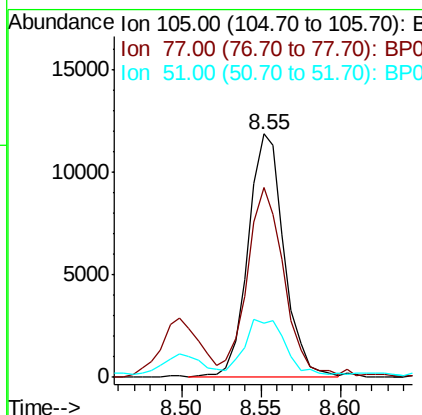
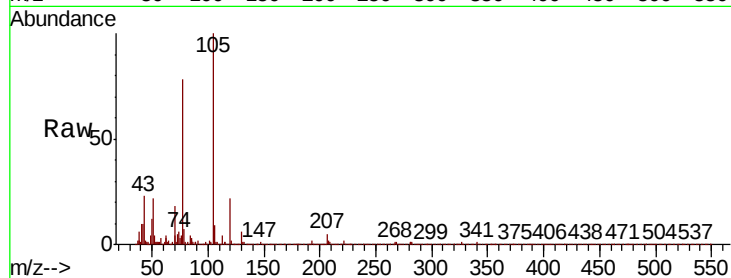




#16
Acetophenone
Concen: 4.260 ng/ul
RT: 8.55 min Scan# 929
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

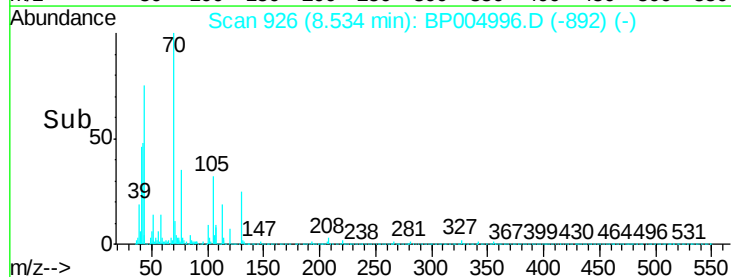
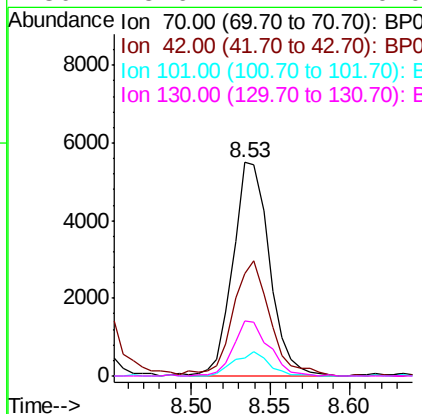
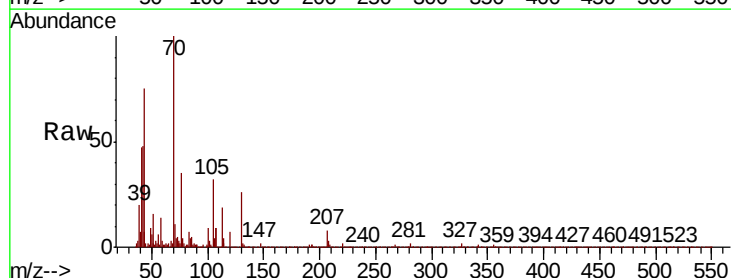
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

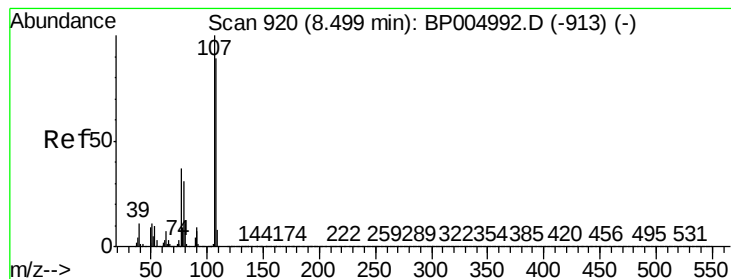
Tot Ion:105 Resp: 18731
Ion Ratio Lower Upper
105 100
77 77.7 60.2 90.2
51 22.2 20.2 30.2



#17
N-Nitroso-di-n-propylamine
Concen: 4.304 ng/ul
RT: 8.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion: 70 Resp: 8784
Ion Ratio Lower Upper
70 100
42 48.1 44.6 66.8
101 8.7 8.1 12.1
130 25.6 17.4 26.0





#18

4-Methylphenol

Concen: 4.372 ng/ul

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

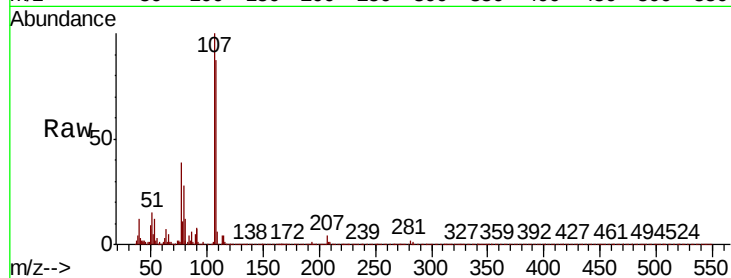
MDL-SOIL-QT2-2021-03

Tot Ion:108 Resp: 12479

Ion Ratio Lower Upper

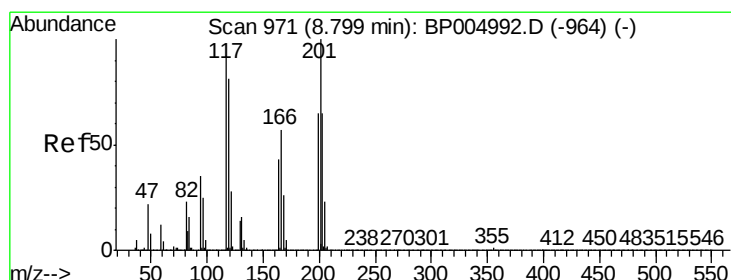
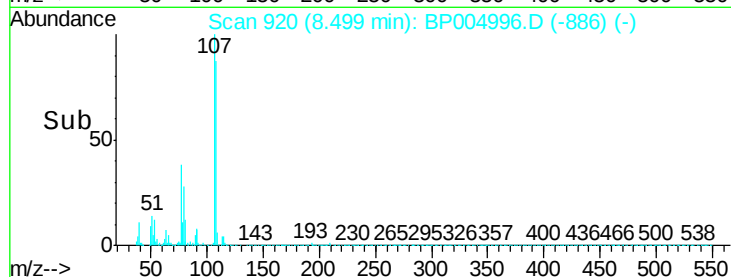
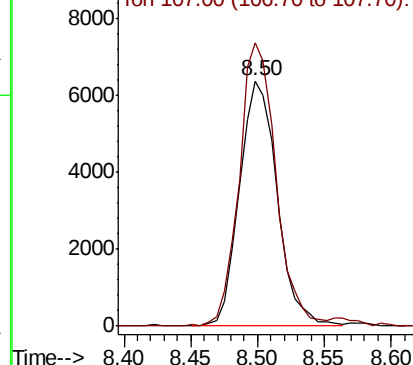
108 100

107 115.3 81.9 122.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#19

Hexachloroethane

Concen: 4.229 ng/ul

RT: 8.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

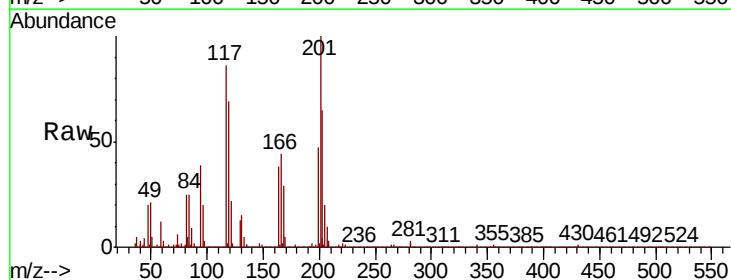
Tgt Ion:117 Resp: 5187

Ion Ratio Lower Upper

117 100

201 116.4 93.8 140.8

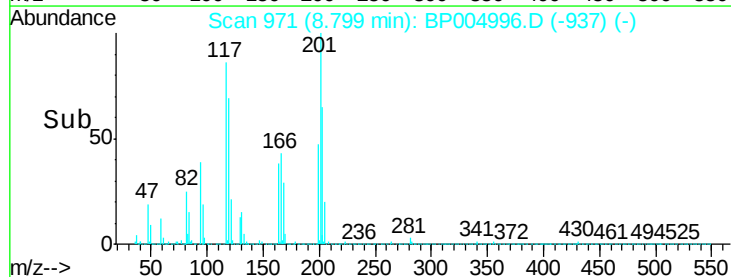
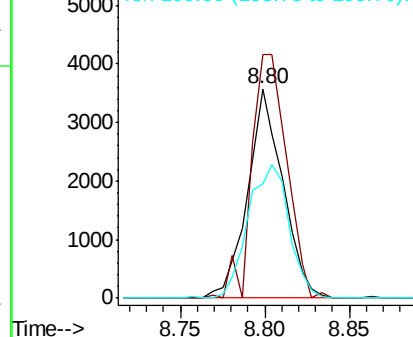
199 54.5 57.3 85.9#

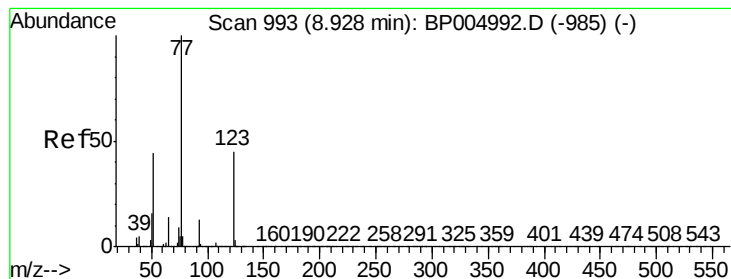


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#22

Nitrobenzene

Concen: 4.378 ng/ul

RT: 8.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

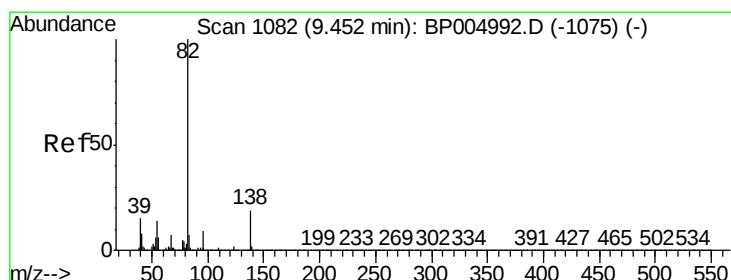
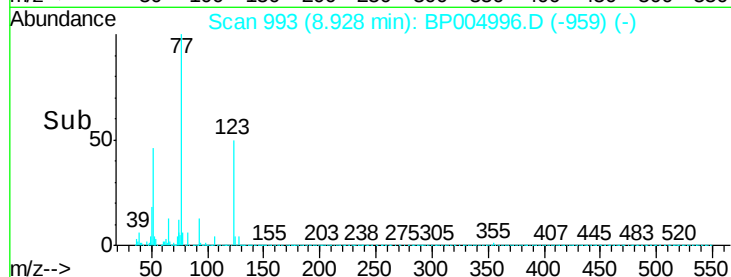
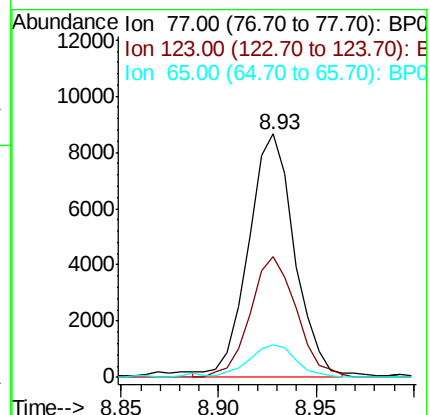
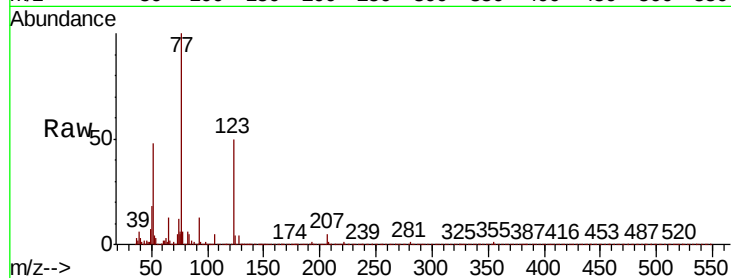
Tot Ion: 77 Resp: 14151

Ion Ratio Lower Upper

77 100

123 49.7 37.4 56.0

65 13.1 10.3 15.5



#23

Isophorone

Concen: 4.151 ng/ul

RT: 9.45 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

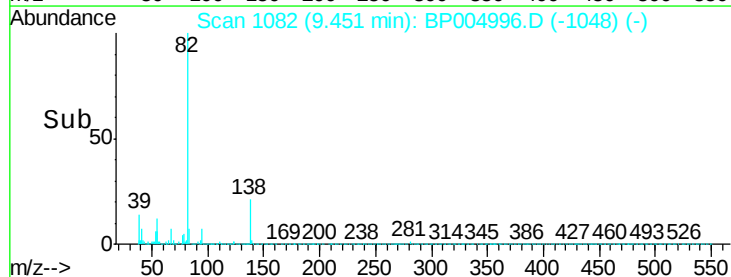
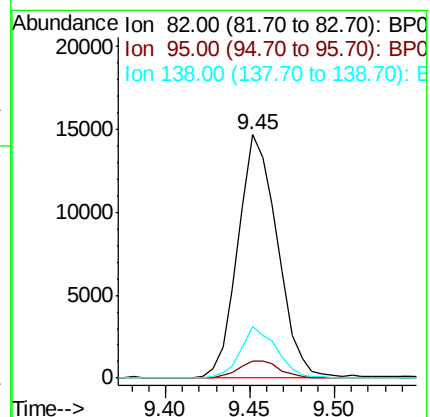
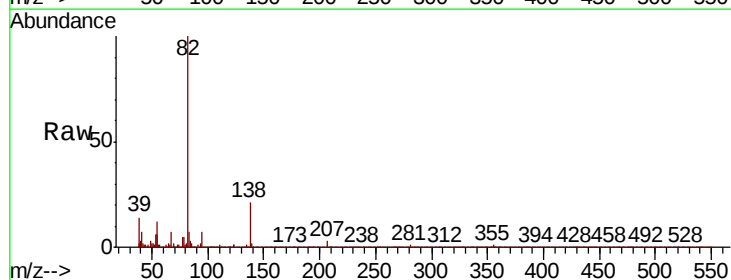
Tgt Ion: 82 Resp: 23751

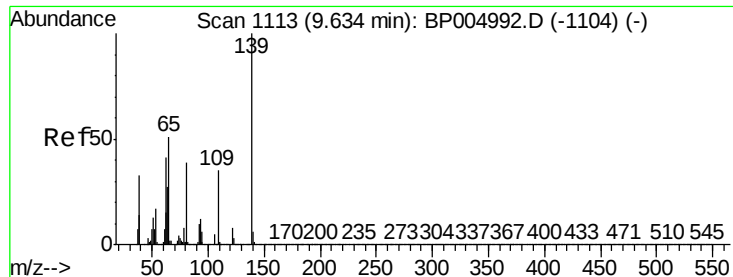
Ion Ratio Lower Upper

82 100

95 7.1 6.3 9.5

138 21.1 14.6 21.8





#25

2-Nitrophenol

Concen: 4.819 ng/ul

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

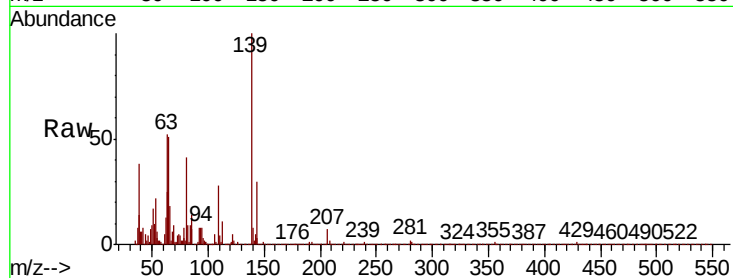
Tot Ion:139 Resp: 7521

Ion Ratio Lower Upper

139 100

65 50.6 41.0 61.4

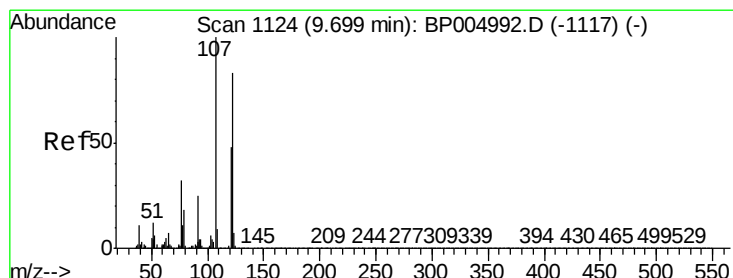
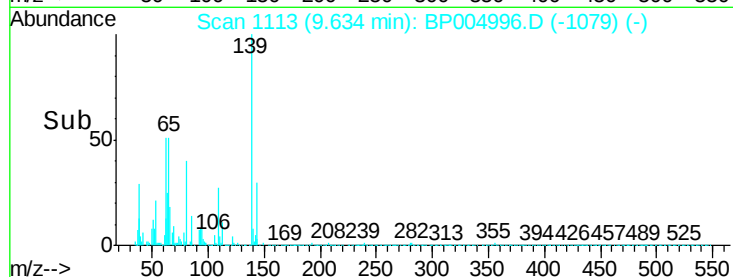
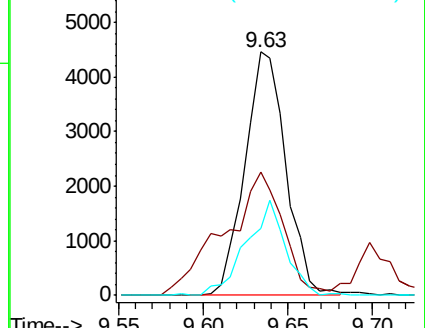
109 27.7 27.0 40.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BPO

Ion 109.00 (108.70 to 109.70): E



#26

2,4-Dimethylphenol

Concen: 4.339 ng/ul m

RT: 9.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

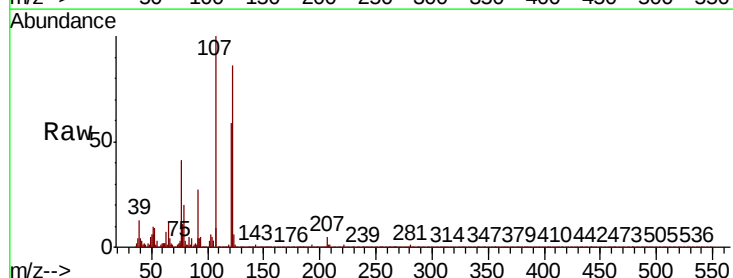
Tgt Ion:107 Resp: 14191

Ion Ratio Lower Upper

107 100

121 59.4 38.8 58.2#

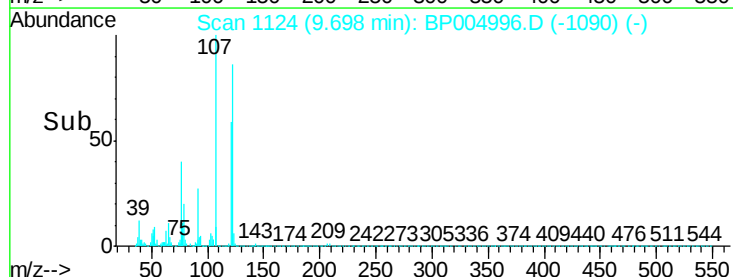
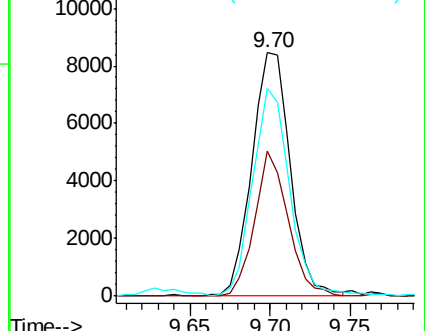
122 85.6 65.3 97.9

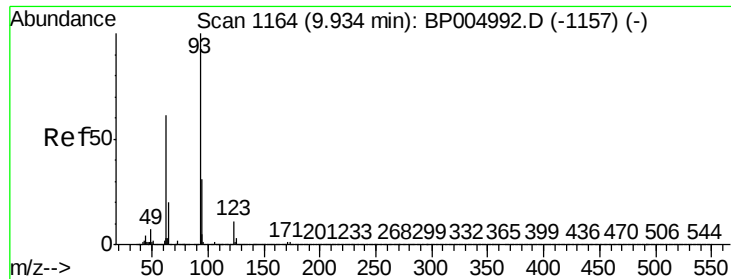


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Bis(2-Chloroethoxy)methane

Concen: 4.337 ng/ul

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

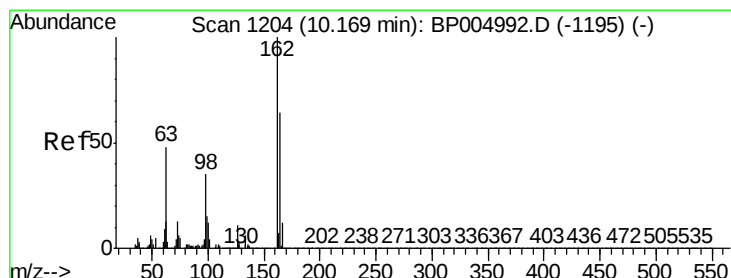
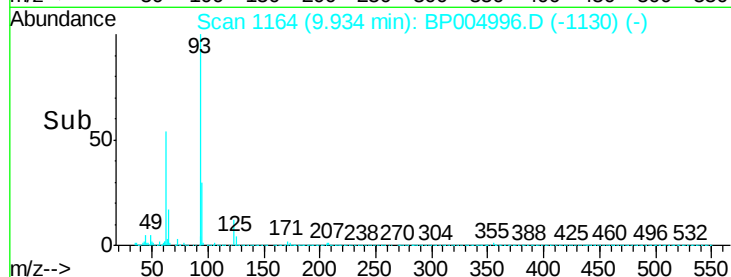
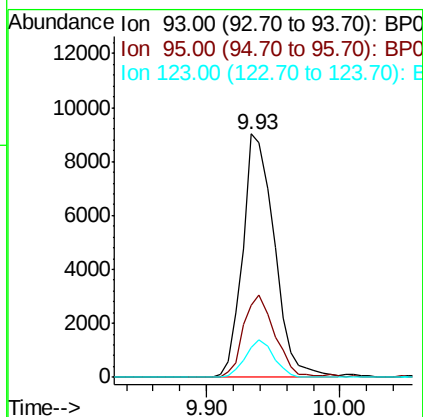
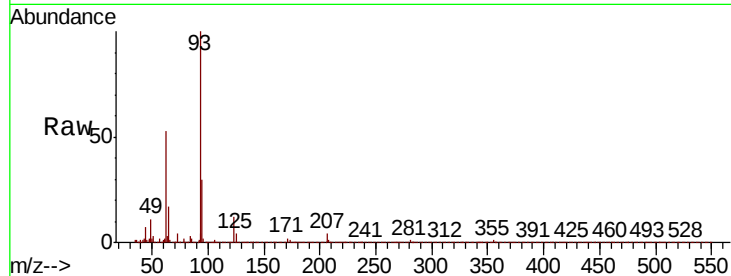
Tot Ion: 93 Resp: 14763

Ion Ratio Lower Upper

93 100

95 29.7 26.4 39.6

123 12.0 9.5 14.3



#29

2,4-Dichlorophenol

Concen: 4.991 ng/ul

RT: 10.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

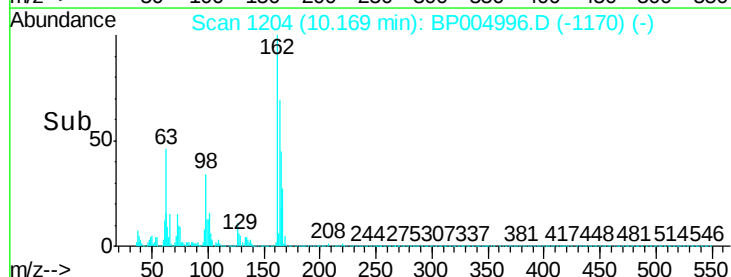
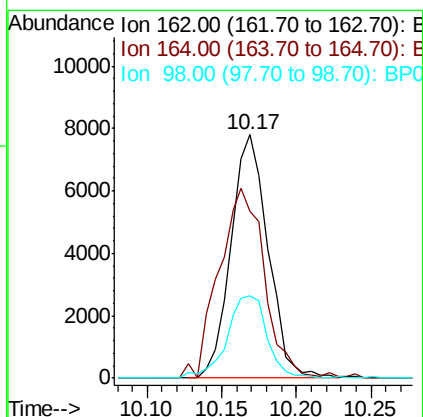
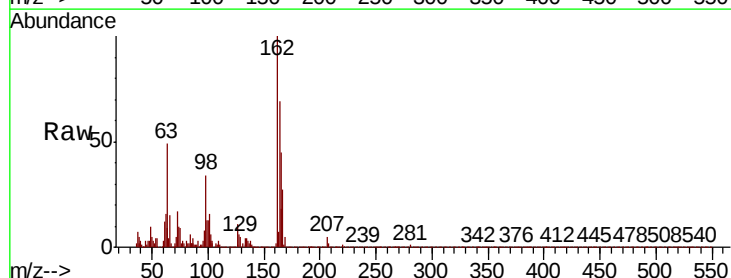
Tgt Ion: 162 Resp: 13526

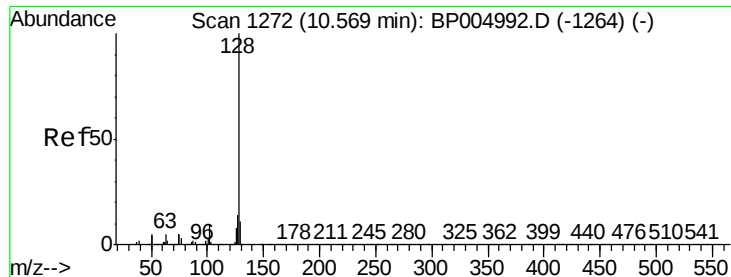
Ion Ratio Lower Upper

162 100

164 68.6 52.6 79.0

98 33.8 26.2 39.4

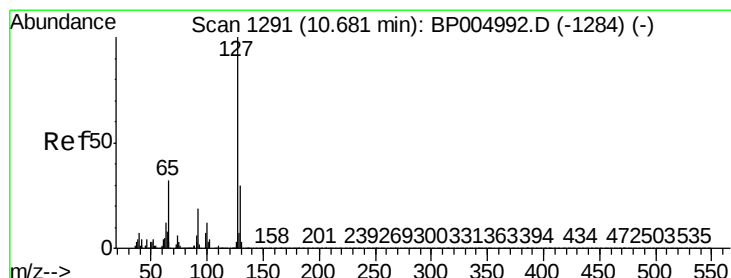
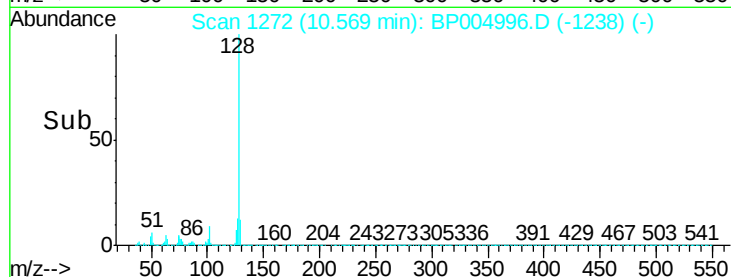
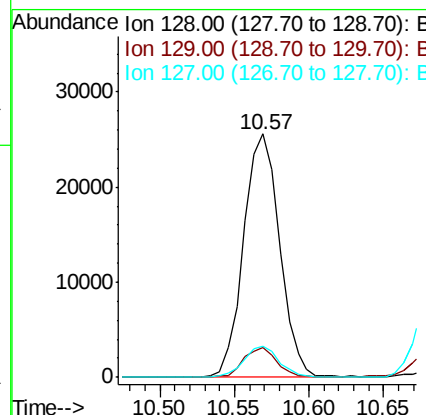
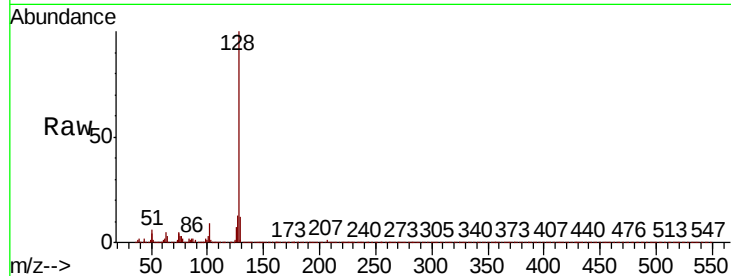




#30
Naphthalene
Concen: 4.700 ng/ul
RT: 10.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

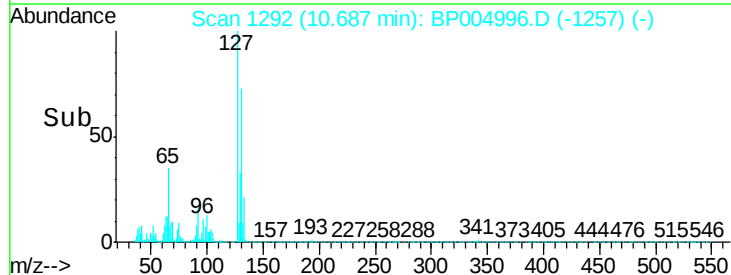
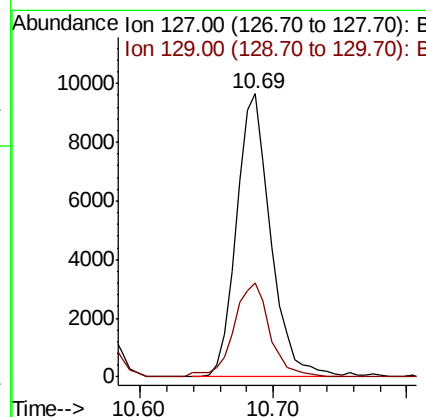
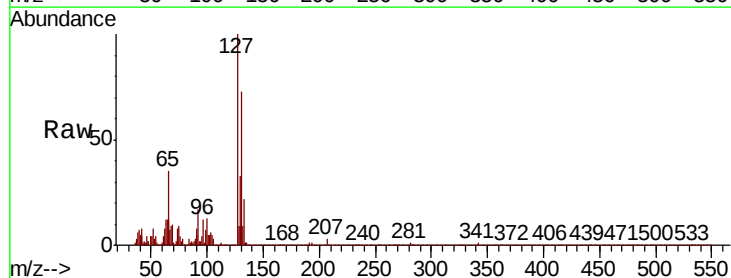
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

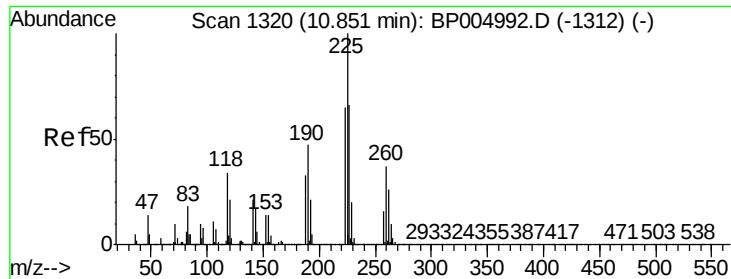
Tot Ion:128 Resp: 42908
Ion Ratio Lower Upper
128 100
129 12.2 8.9 13.3
127 12.6 11.0 16.4



#32
4-Chloroaniline
Concen: 4.520 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion:127 Resp: 17128
Ion Ratio Lower Upper
127 100
129 33.2 25.3 37.9

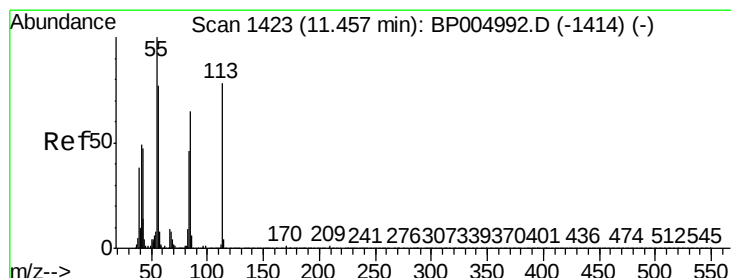
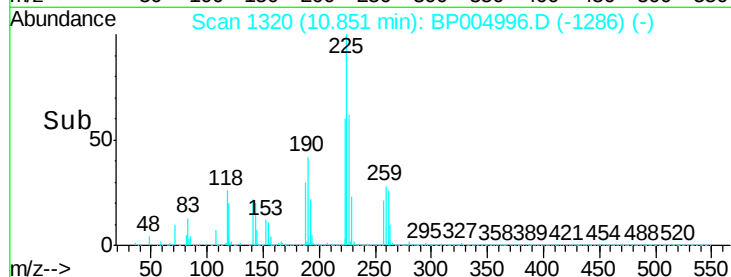
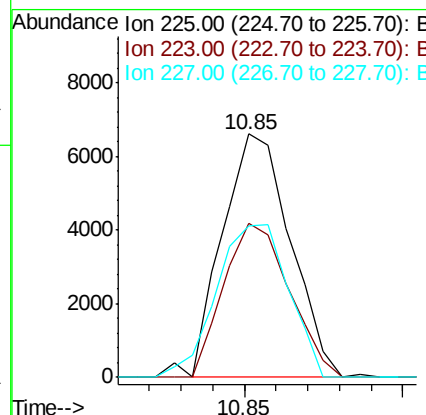
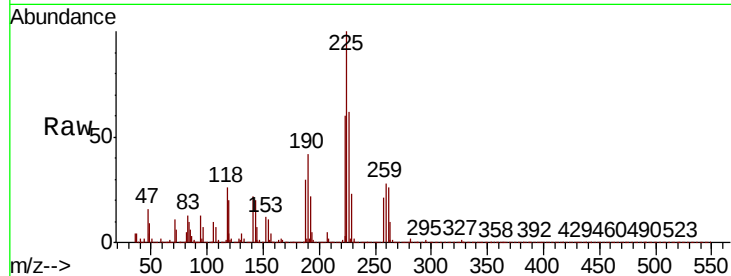




#33
Hexachlorobutadiene
Concen: 4.761 ng/ul
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

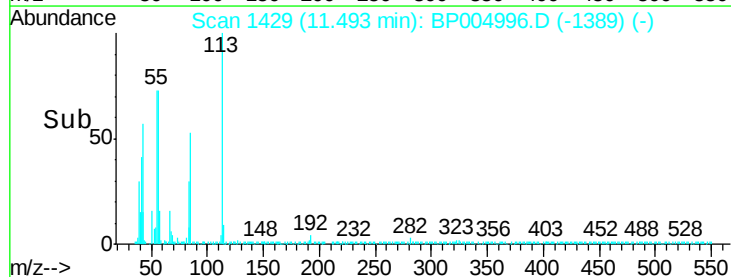
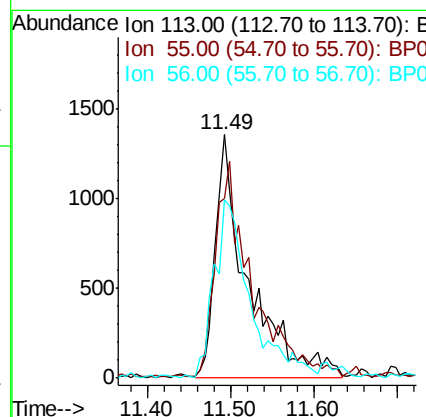
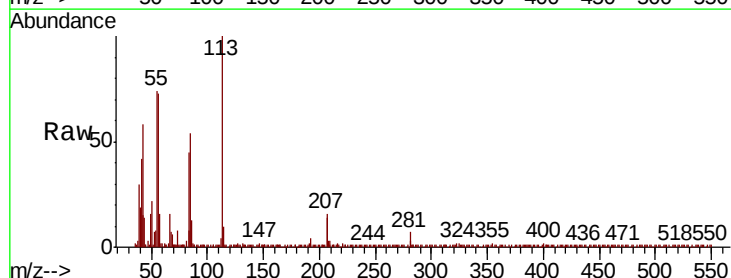
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

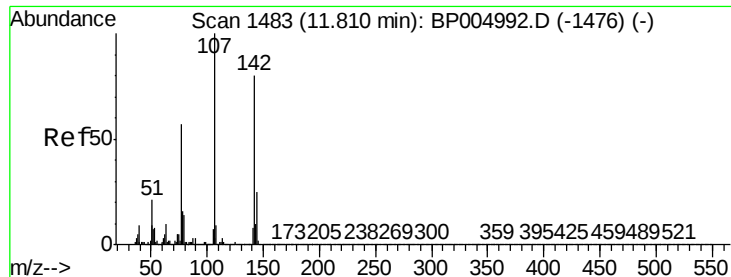
Tot Ion:225 Resp: 9756
Ion Ratio Lower Upper
225 100
223 63.3 52.1 78.1
227 64.6 52.8 79.2



#34
Caprolactam
Concen: 4.129 ng/ul m
RT: 11.49 min Scan# 1429
Delta R.T. 0.04 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion:113 Resp: 3696
Ion Ratio Lower Upper
113 100
55 73.7 88.6 132.8#
56 73.3 80.6 121.0#

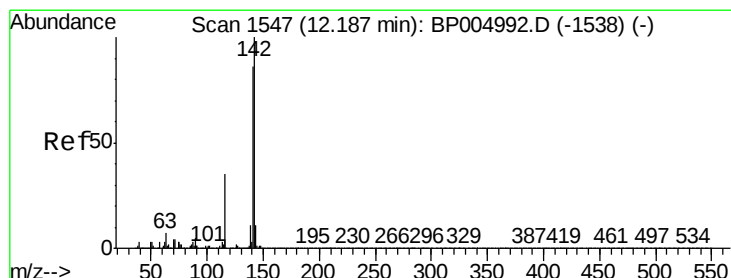
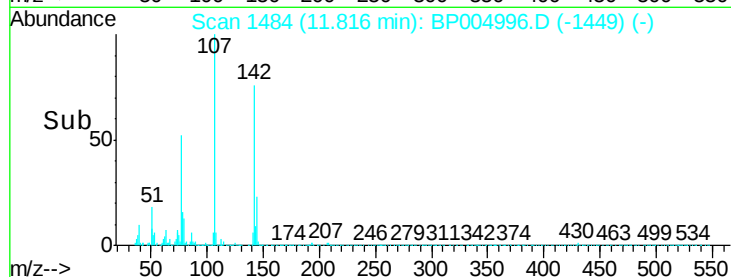
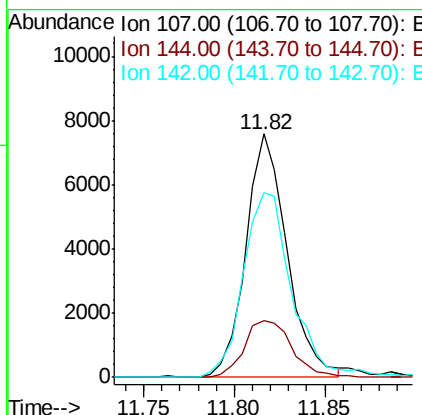
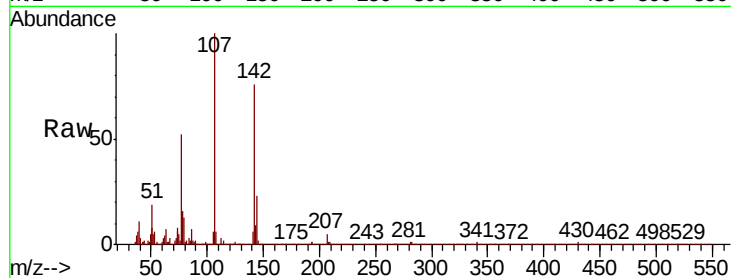




#35
4-Chloro-3-methylphenol
Concen: 4.153 ng/ul
RT: 11.82 min Scan# 1484
Delta R.T. 0.01 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

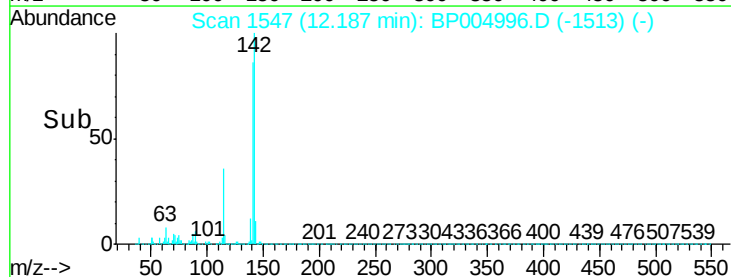
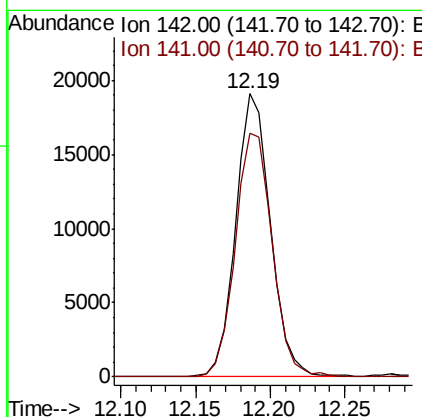
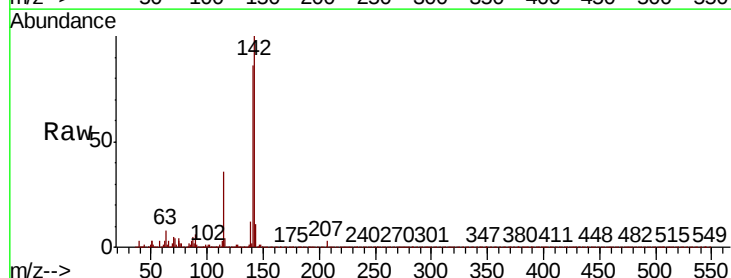
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

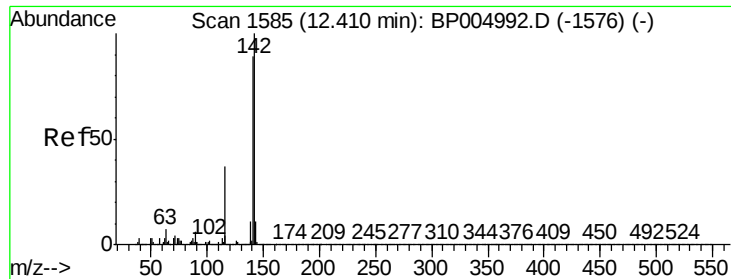
Tot Ion:107 Resp: 11957
Ion Ratio Lower Upper
107 100
144 23.5 19.0 28.6
142 76.1 61.9 92.9



#36
2-Methylnaphthalene
Concen: 4.820 ng/ul
RT: 12.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion:142 Resp: 30917
Ion Ratio Lower Upper
142 100
141 86.2 72.0 108.0





#37

1-Methylnaphthalene

Concen: 4.517 ng/ul

RT: 12.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

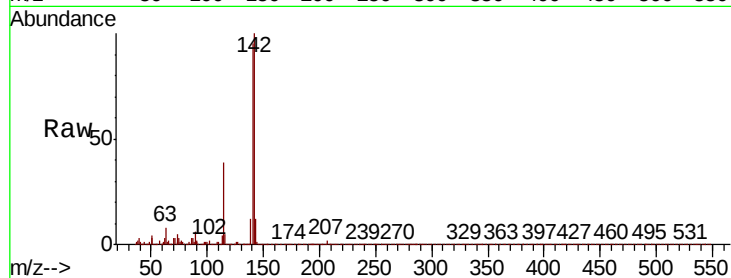
Tot Ion:142 Resp: 29198

Ion Ratio Lower Upper

142 100

141 95.0 73.0 109.6

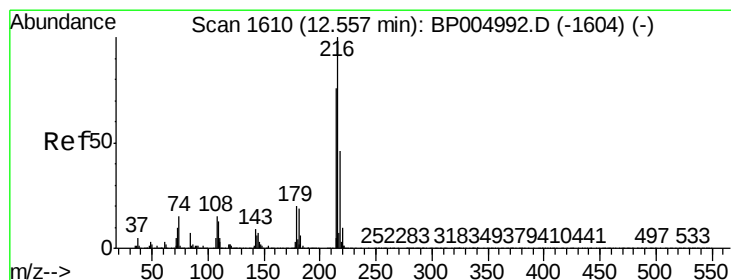
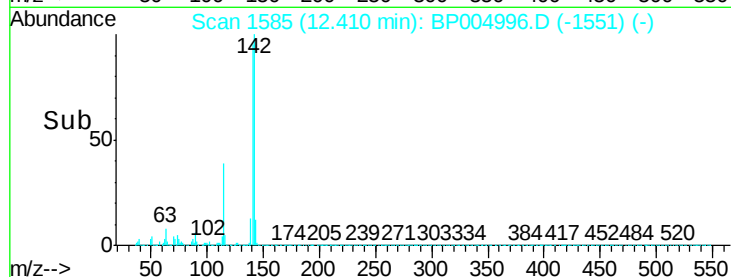
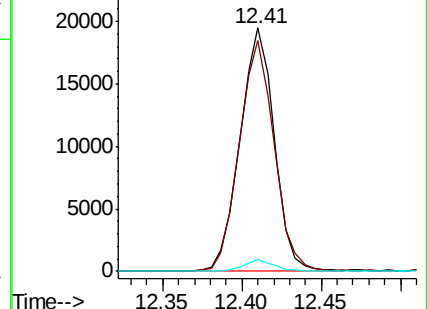
116 5.1 4.1 6.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.797 ng/ul

RT: 12.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Tgt Ion:216 Resp: 19303

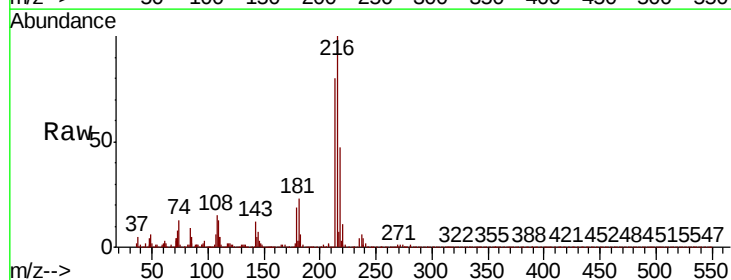
Ion Ratio Lower Upper

216 100

214 79.6 63.2 94.8

179 19.4 16.3 24.5

108 14.7 13.4 20.0

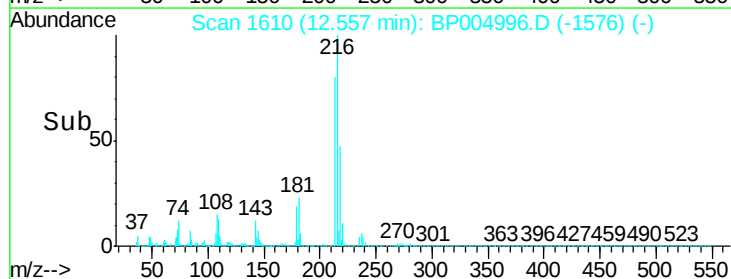
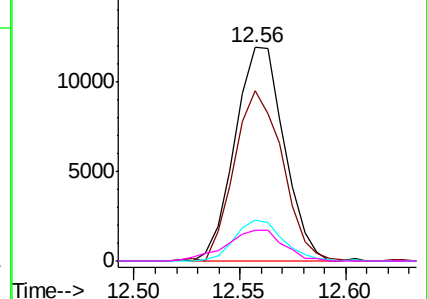


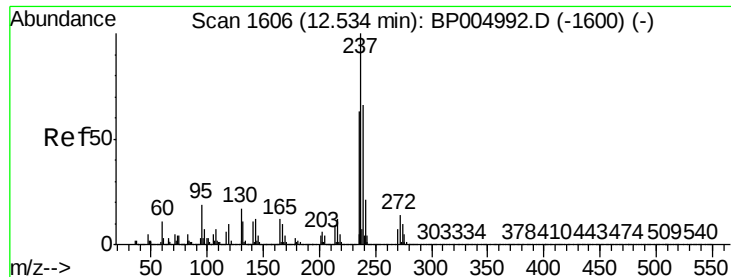
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 3.995 ng/ul

RT: 12.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

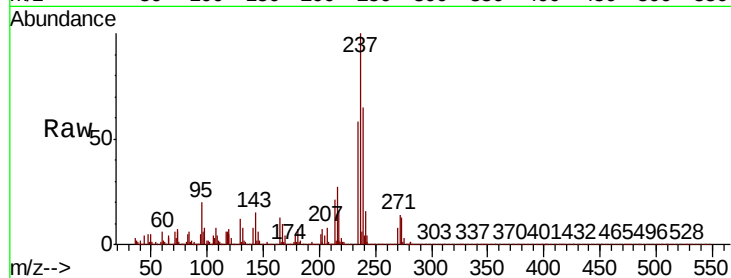
Tot Ion:237 Resp: 10205

Ion Ratio Lower Upper

237 100

235 54.3 49.8 74.8

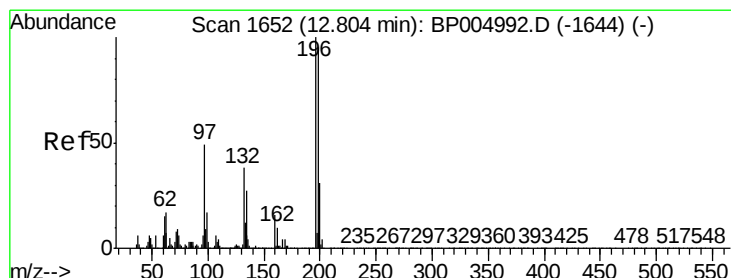
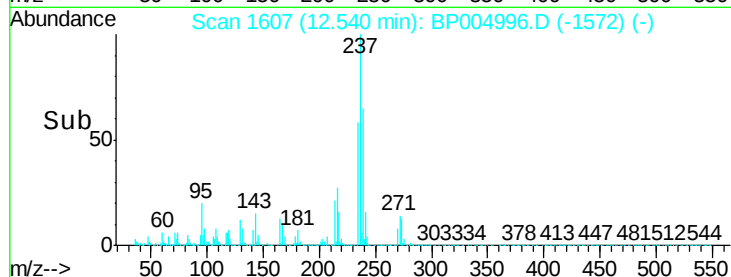
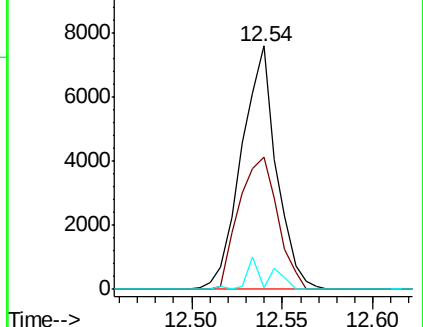
272 0.5 10.6 16.0#



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: 4.368 ng/ul

RT: 12.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

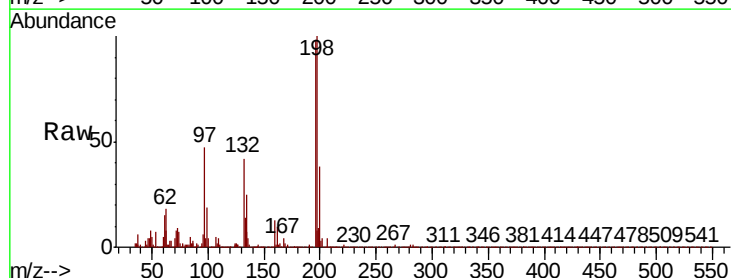
Tgt Ion:196 Resp: 10897

Ion Ratio Lower Upper

196 100

198 101.7 79.0 118.4

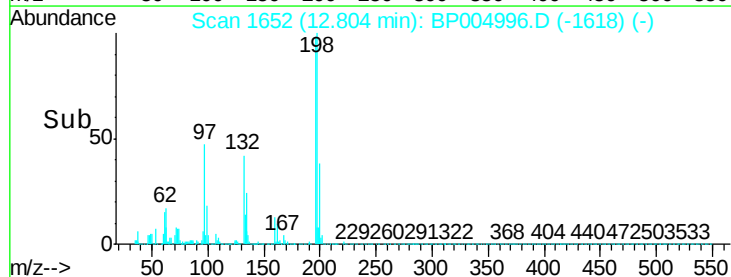
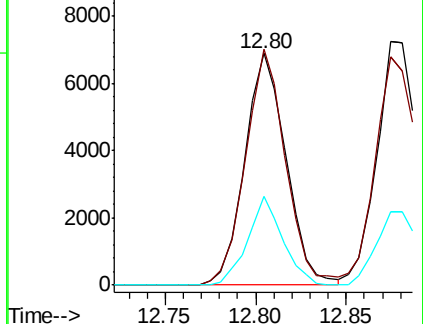
200 40.9 24.5 36.7#

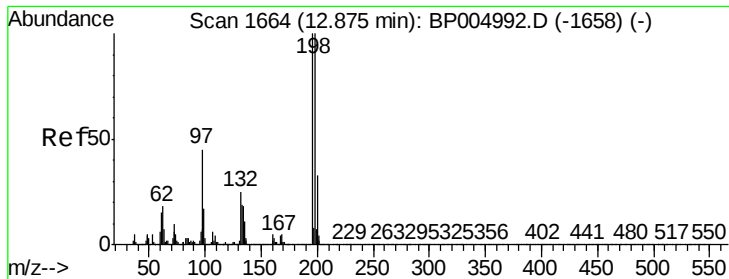


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

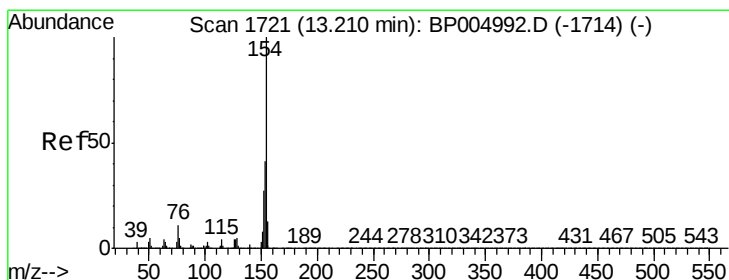
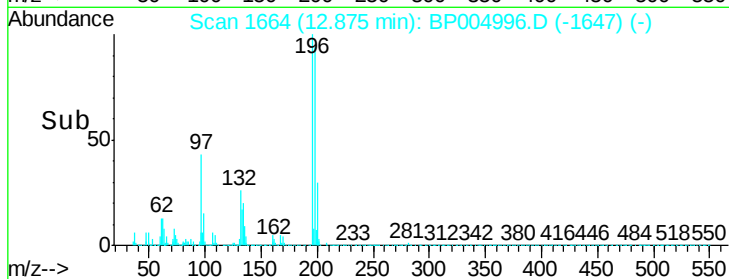
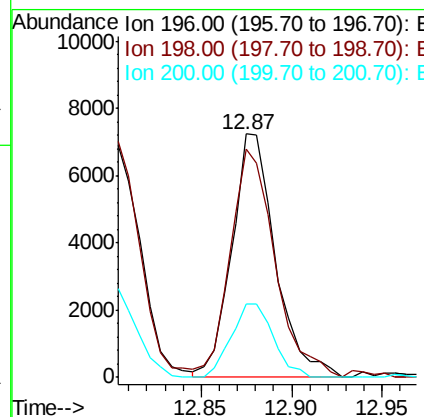
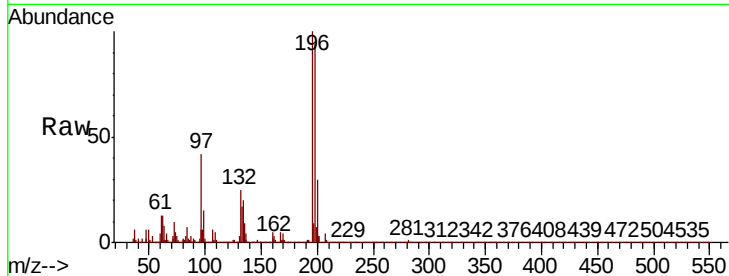




#42
 2,4,5-Trichlorophenol
 Concen: 4.519 ng/ul
 RT: 12.87 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BP004996.D
 Acq: 18 Mar 2021 11:53

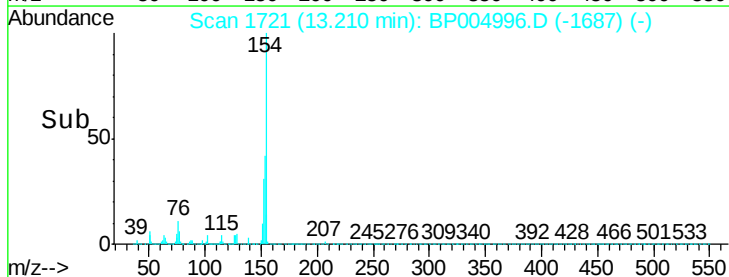
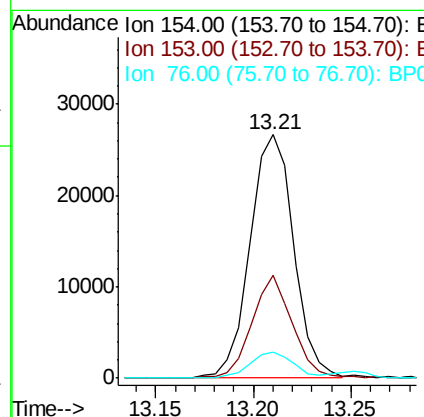
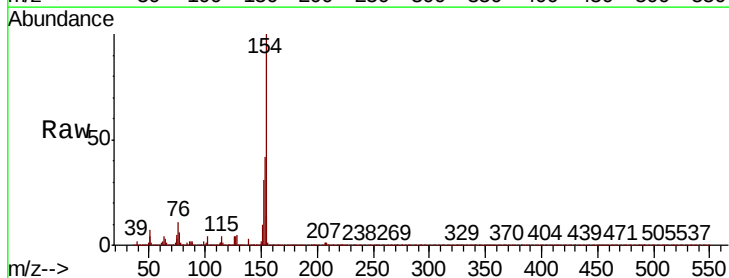
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

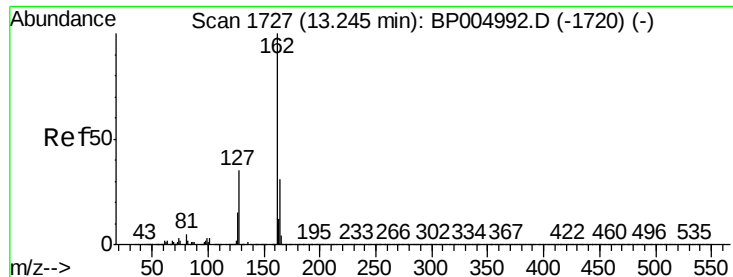
Tot Ion:	196	Resp:	12155
Ion Ratio	Lower	Upper	
196	100		
198	94.0	78.3	117.5
200	32.3	27.4	41.0



#43
 1,1'-Biphenyl
 Concen: 4.617 ng/ul
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BP004996.D
 Acq: 18 Mar 2021 11:53

Tgt Ion:	154	Resp:	41136
Ion Ratio	Lower	Upper	
154	100		
153	42.0	32.5	48.7
76	10.6	10.3	15.5

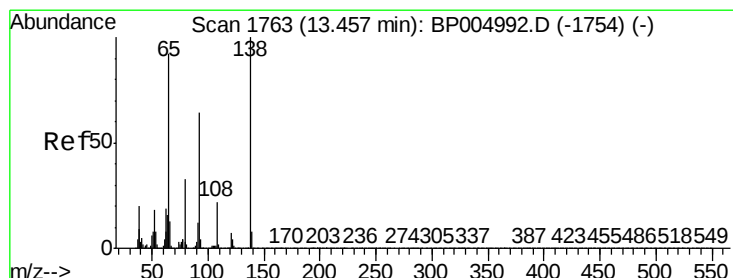
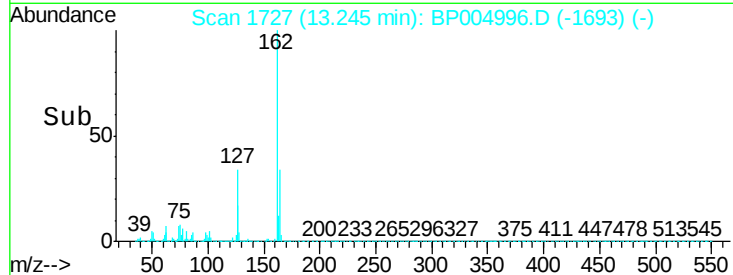
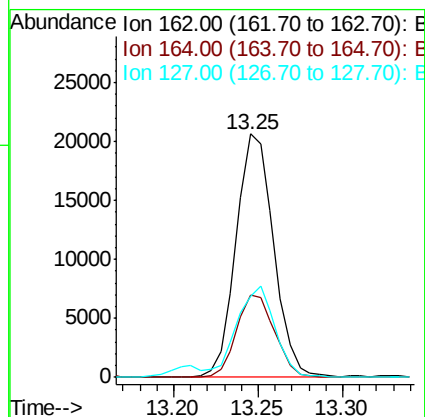
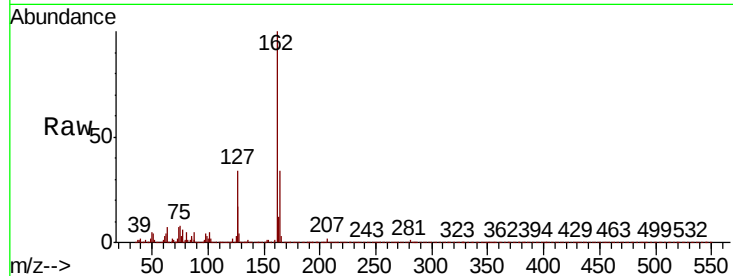




#44
2-Chloronaphthalene
Concen: 4.564 ng/ul
RT: 13.25 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

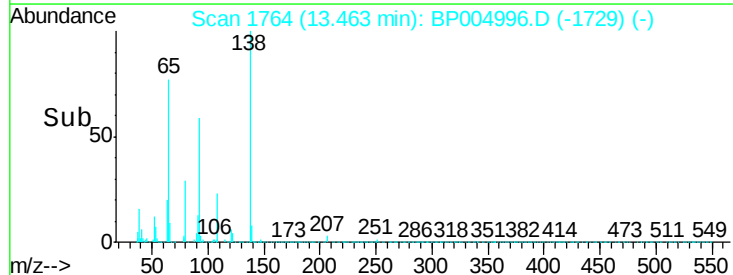
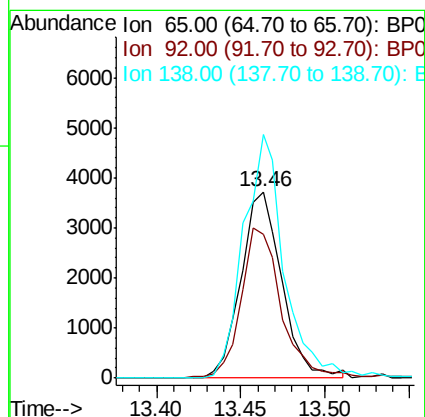
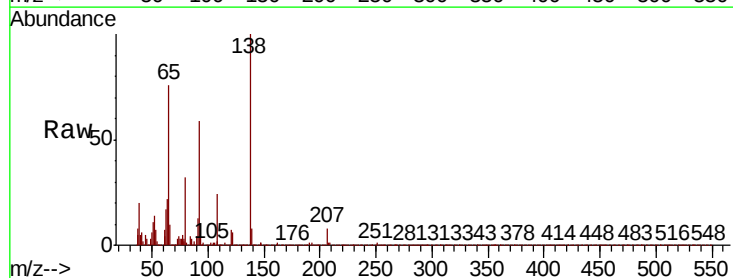
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

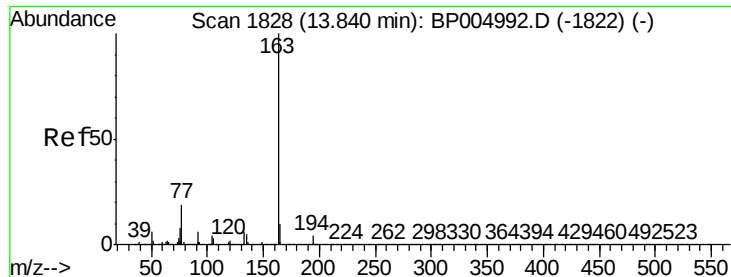
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.0	26.3	39.5
127	33.5	33.7	50.5#



#45
2-Nitroaniline
Concen: 3.369 ng/ul m
RT: 13.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.3	53.8	80.6
138	130.9	81.2	121.8#

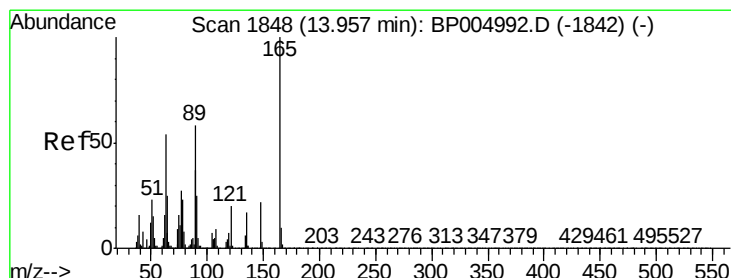
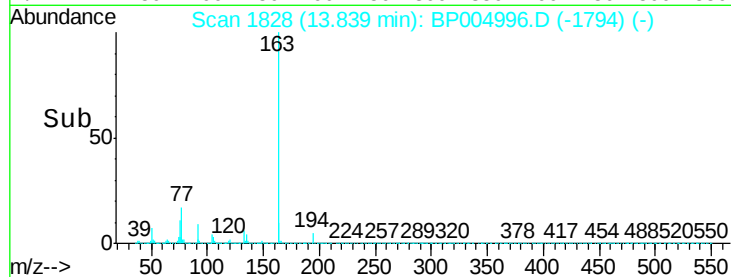
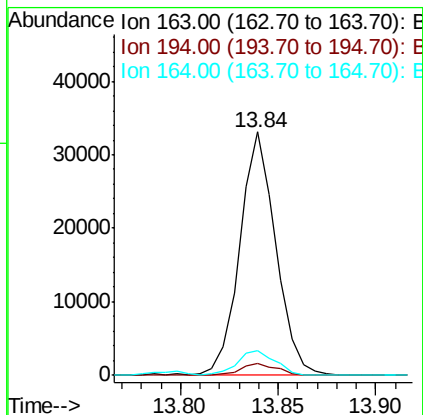
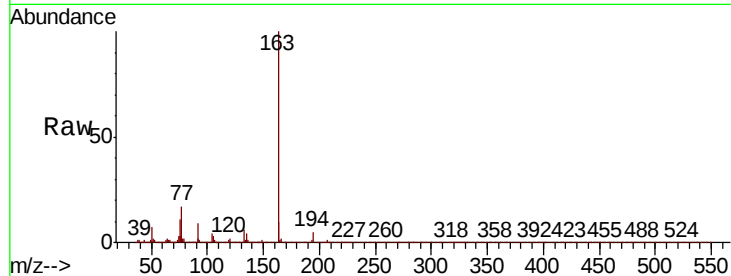




#47
Dimethylphthalate
Concen: 4.799 ng/ul
RT: 13.84 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

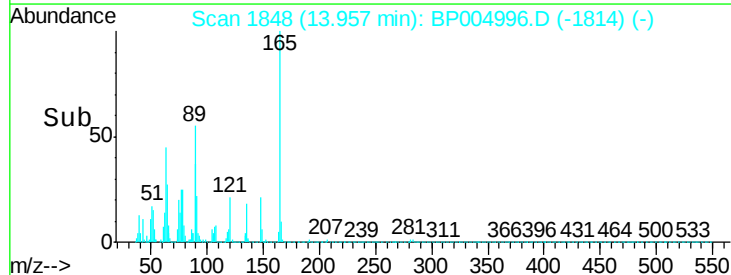
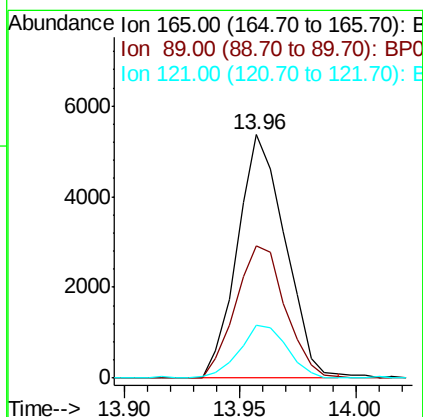
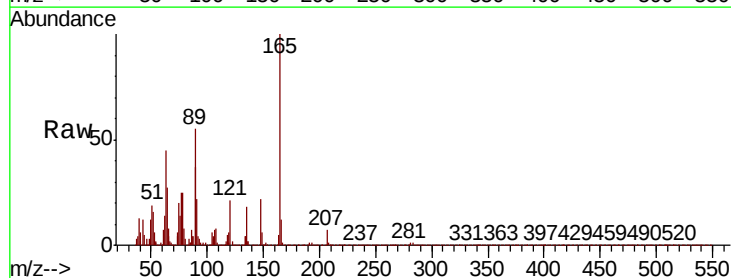
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

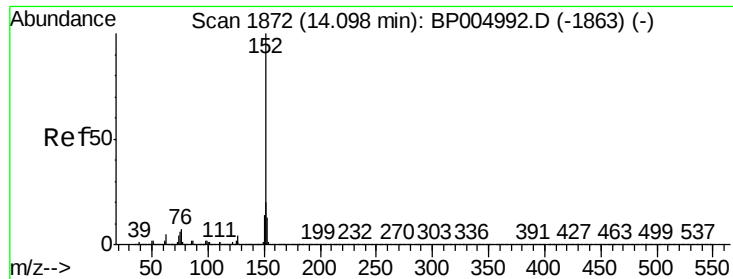
Tot Ion:163 Resp: 42221
Ion Ratio Lower Upper
163 100
194 5.1 4.1 6.1
164 10.0 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 4.305 ng/ul
RT: 13.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion:165 Resp: 7672
Ion Ratio Lower Upper
165 100
89 54.6 51.8 77.8
121 21.5 15.9 23.9





#50

Acenaphthylene

Concen: 4.588 ng/ul

RT: 14.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

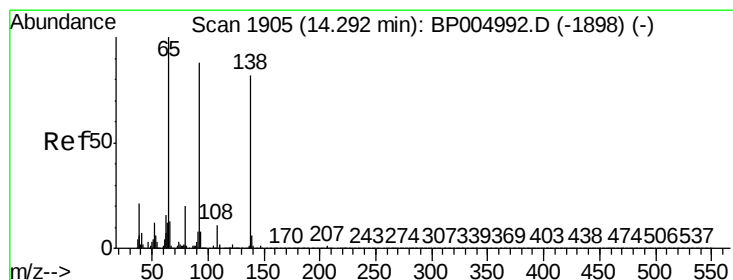
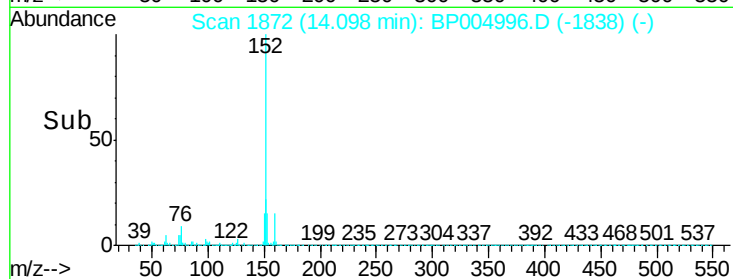
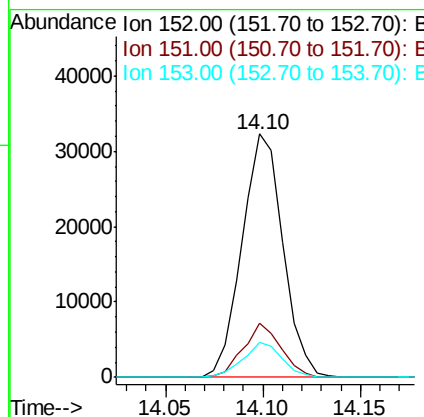
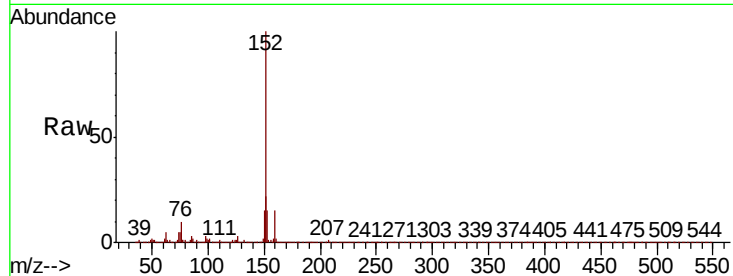
Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

Tot Ion:	152	Resp:	46991
Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.7	25.1
153	14.6	9.6	14.4#



#51

3-Nitroaniline

Concen: 3.698 ng/ul

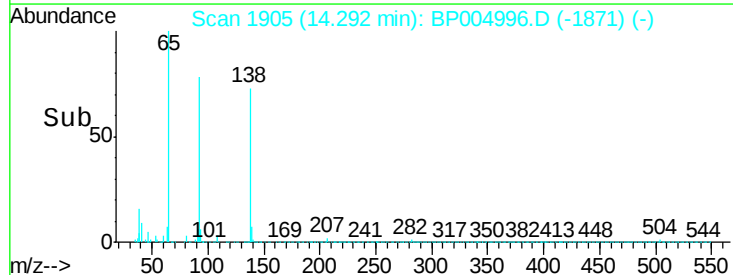
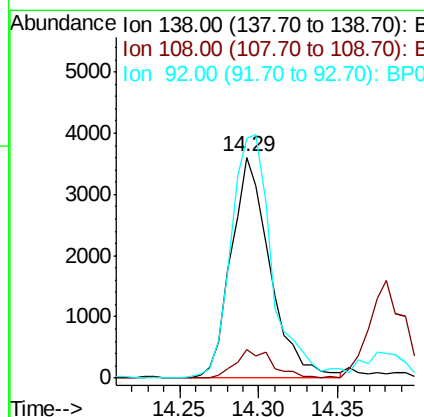
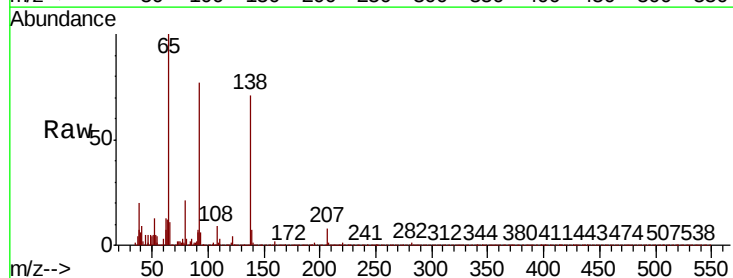
RT: 14.29 min Scan# 1905

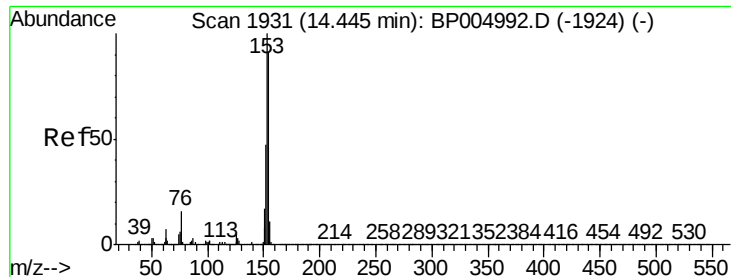
Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Tgt Ion:	138	Resp:	6121
Ion	Ratio	Lower	Upper
138	100		
108	12.8	10.0	15.0
92	108.7	95.8	143.6





#52

Acenaphthene

Concen: 4.584 ng/ul

RT: 14.45 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

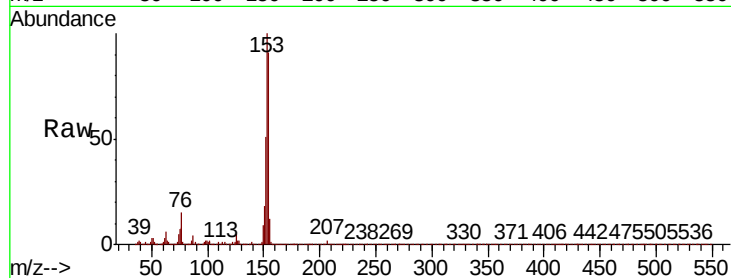
Tot Ion:153 Resp: 33670

Ion Ratio Lower Upper

153 100

152 50.7 39.3 58.9

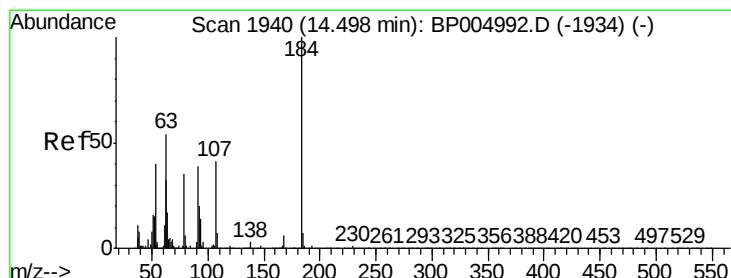
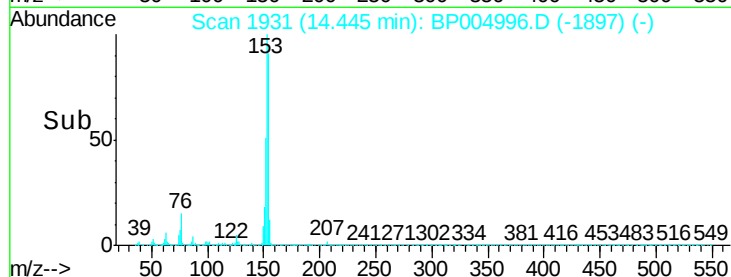
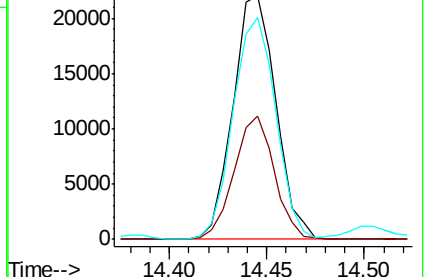
154 91.3 75.0 112.6



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: 3.308 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

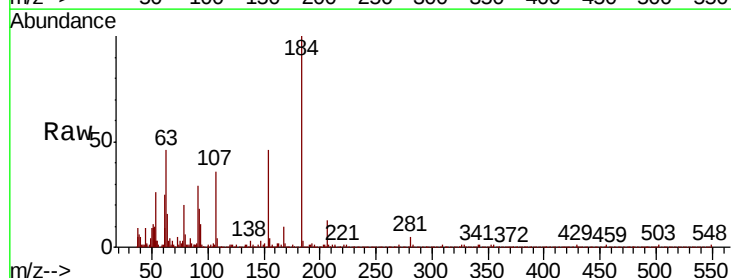
Tgt Ion:184 Resp: 3865

Ion Ratio Lower Upper

184 100

63 45.9 53.0 79.4#

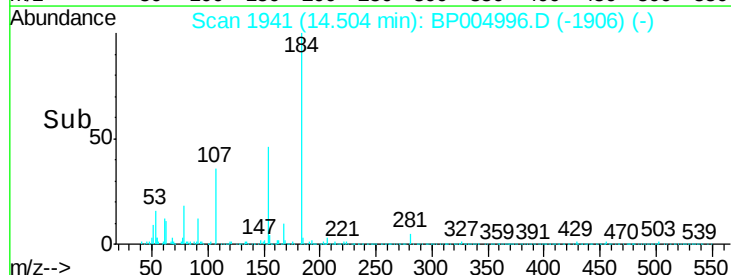
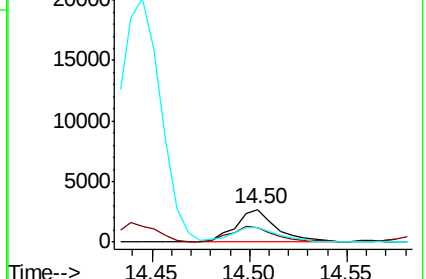
154 46.0 49.0 73.4#

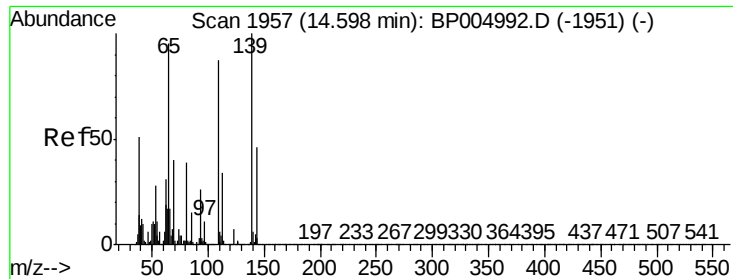


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 3.914 ng/ul m

RT: 14.60 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

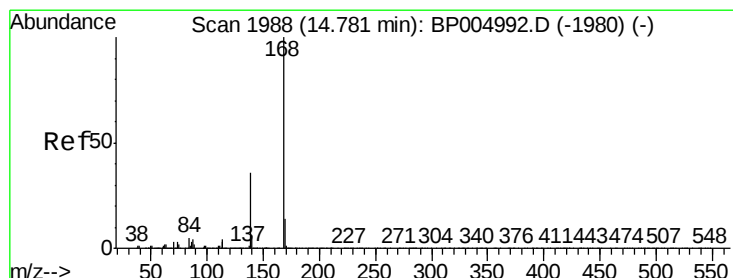
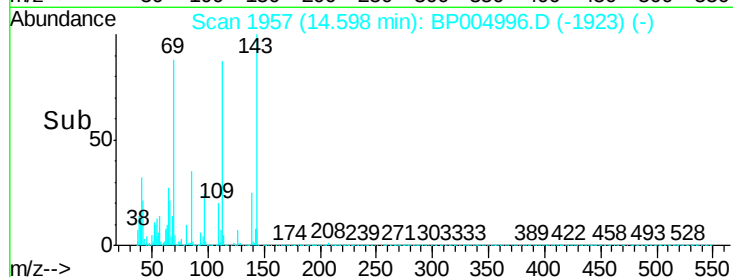
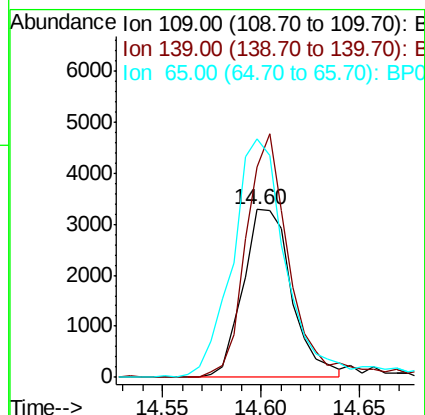
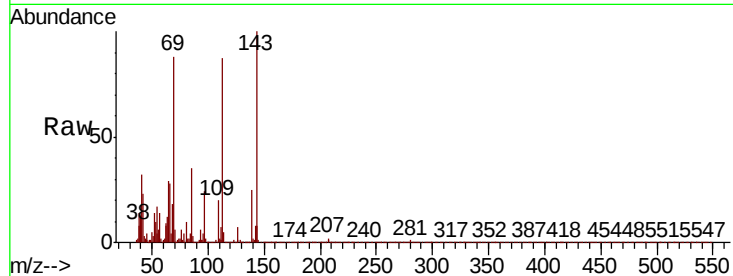
Tot Ion:109 Resp: 5544

Ion Ratio Lower Upper

109 100

139 124.9 91.4 137.2

65 142.3 89.3 133.9#



#56

Dibenzofuran

Concen: 4.781 ng/ul

RT: 14.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BP004996.D

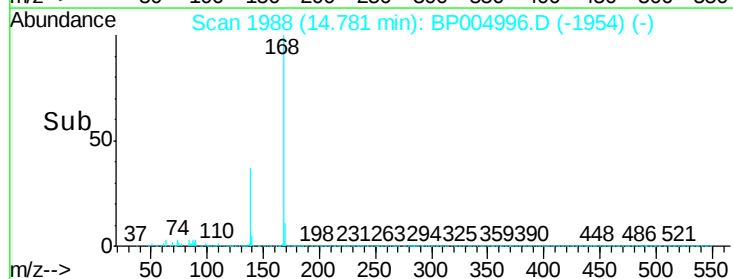
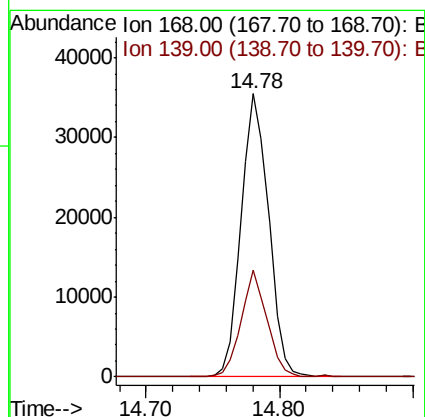
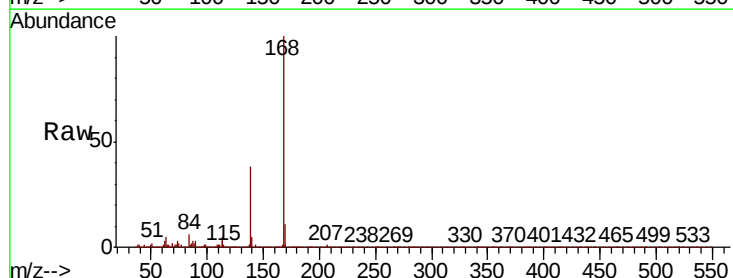
Acq: 18 Mar 2021 11:53

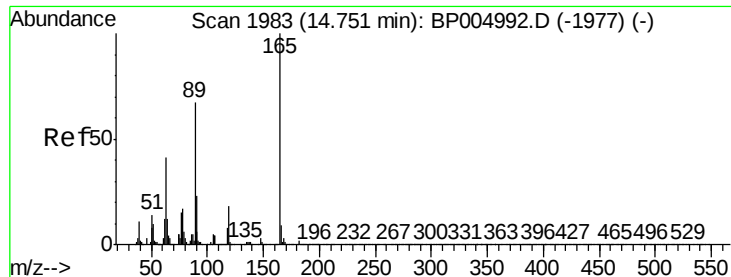
Tgt Ion:168 Resp: 50583

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

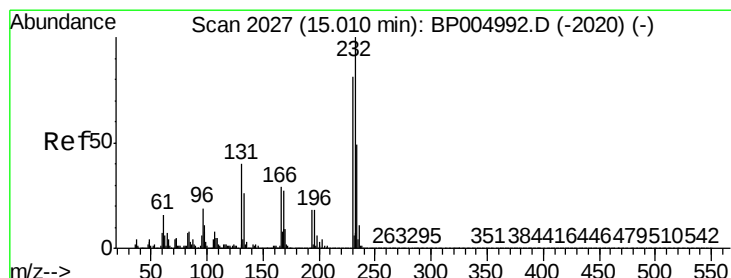
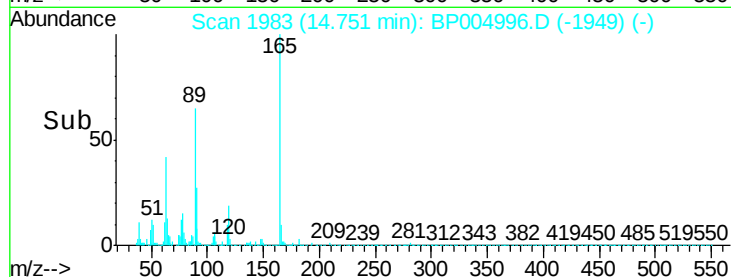
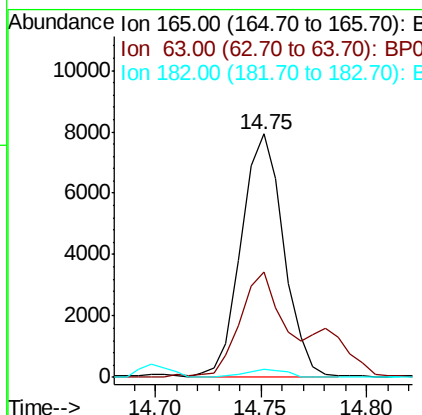
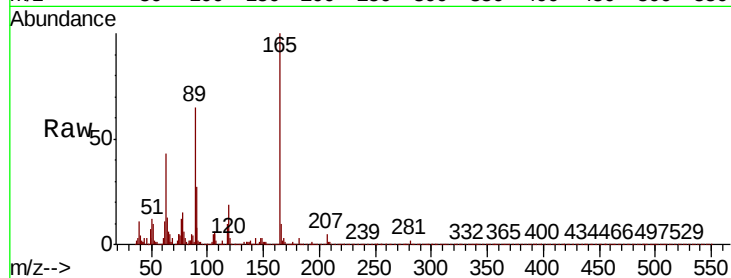




#57
2,4-Dinitrotoluene
Concen: 4.411 ng/ul
RT: 14.75 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

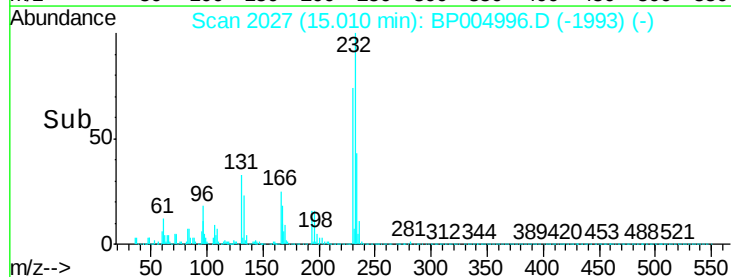
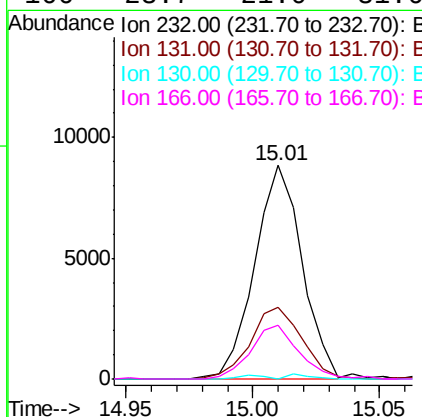
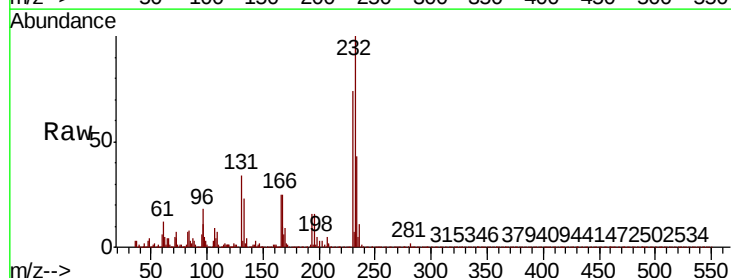
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

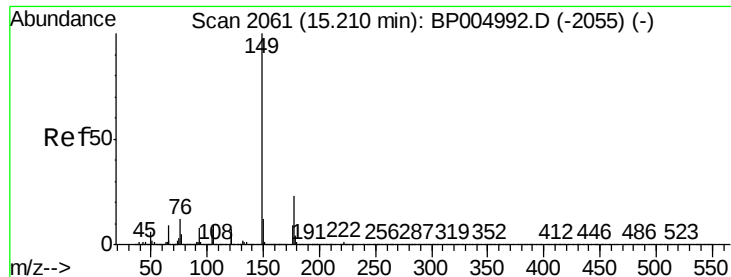
Tot Ion:165 Resp: 11112
Ion Ratio Lower Upper
165 100
63 43.0 36.0 54.0
182 3.1 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.802 ng/ul
RT: 15.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion:232 Resp: 11524
Ion Ratio Lower Upper
232 100
131 34.7 34.1 51.1
130 0.0 2.1 3.1#
166 23.7 21.0 31.6





#59

Diethylphthalate

Concen: 4.569 ng/ul

RT: 15.22 min Scan# 2062

Delta R.T. 0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

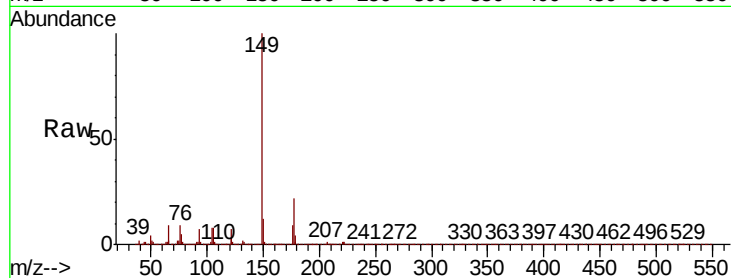
Tot Ion:149 Resp: 39413

Ion Ratio Lower Upper

149 100

177 22.3 18.1 27.1

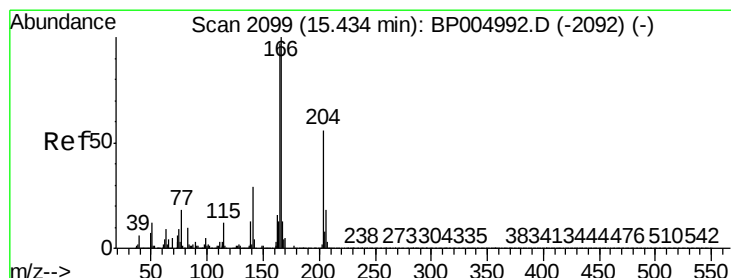
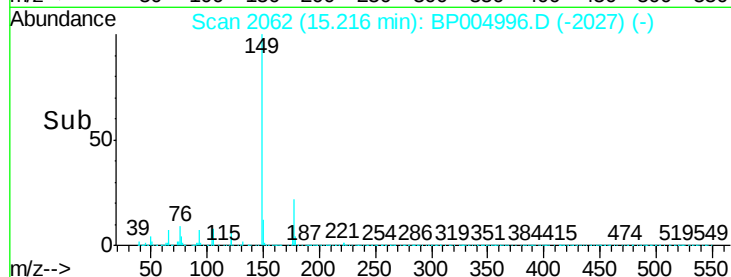
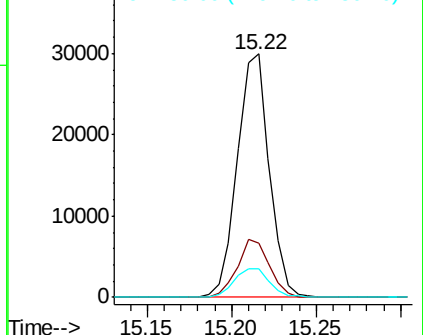
150 11.8 9.8 14.8



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: 4.741 ng/ul

RT: 15.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

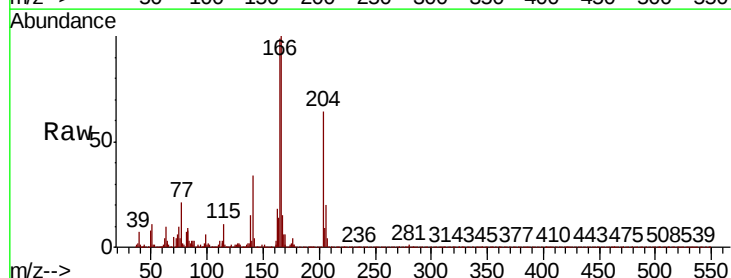
Tgt Ion:166 Resp: 41462

Ion Ratio Lower Upper

166 100

165 99.0 78.2 117.2

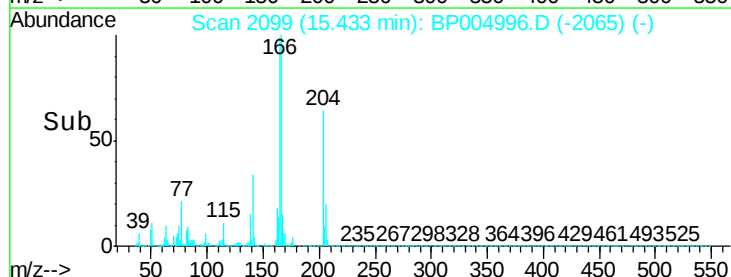
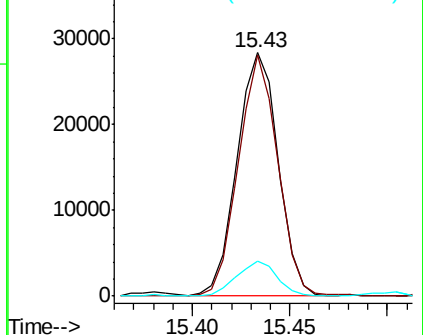
167 14.6 10.2 15.2

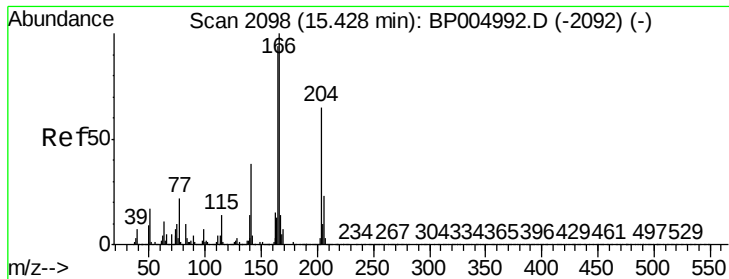


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

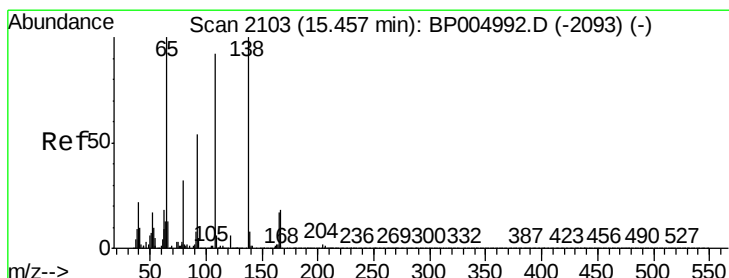
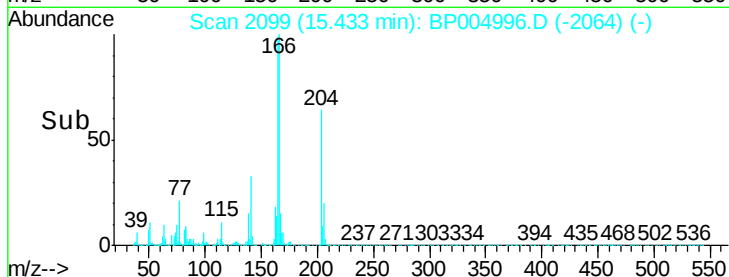
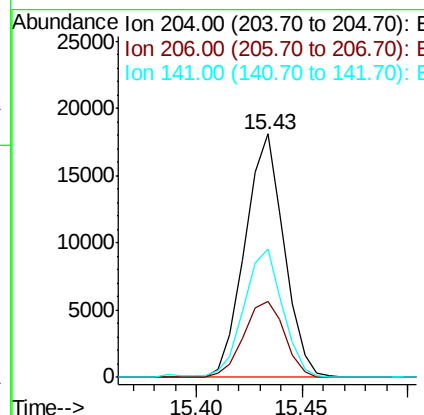
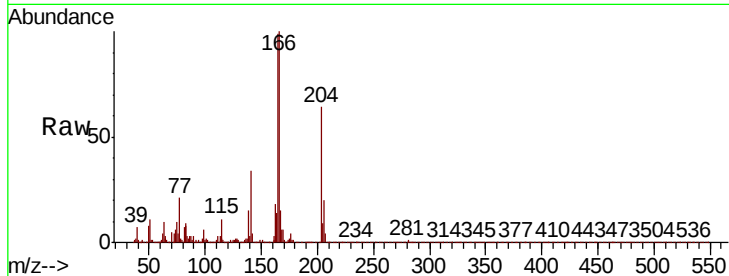




#62
4-Chlorophenyl-phenylether
Concen: 4.882 ng/ul
RT: 15.43 min Scan# 2099
Delta R.T. 0.01 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

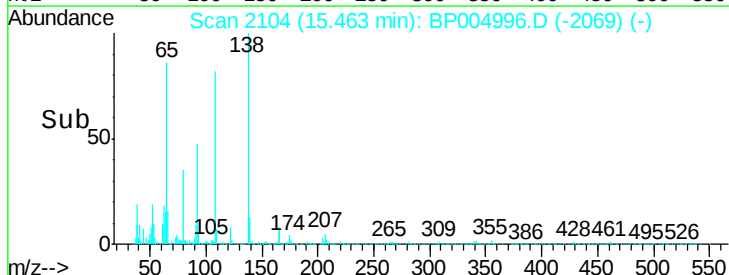
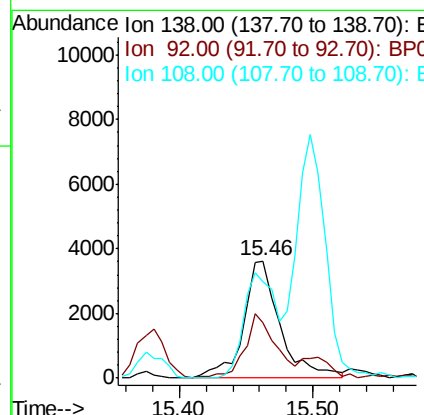
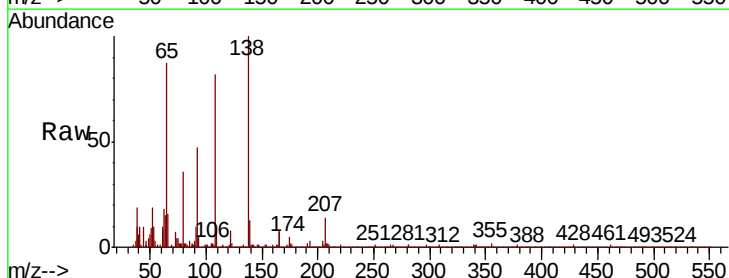
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

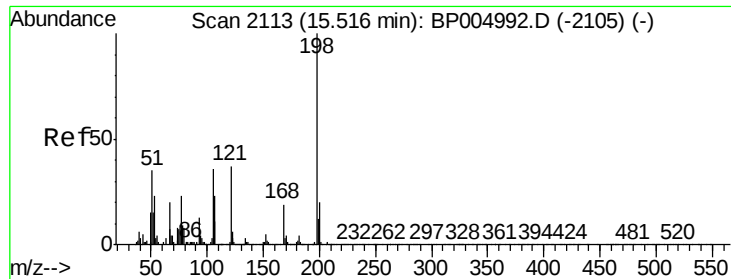
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.1	26.8	40.2
141	52.5	45.4	68.2



#63
4-Nitroaniline
Concen: 4.205 ng/ul
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	39.3	58.9
108	81.9	71.0	106.6

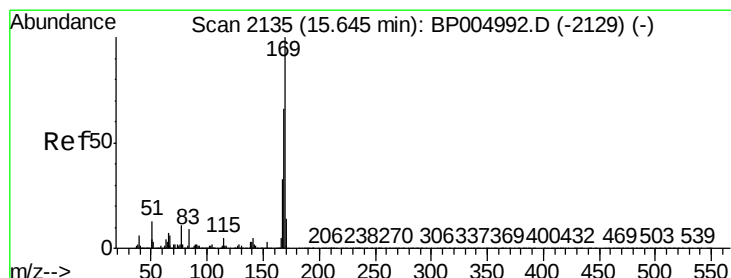
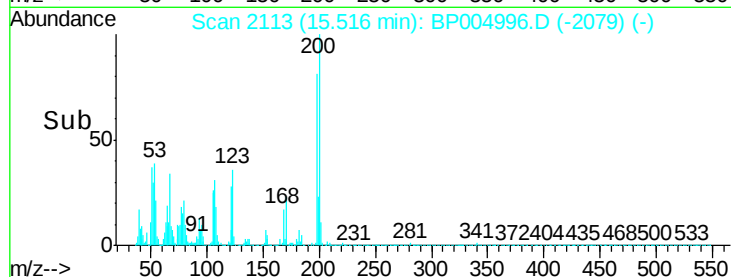
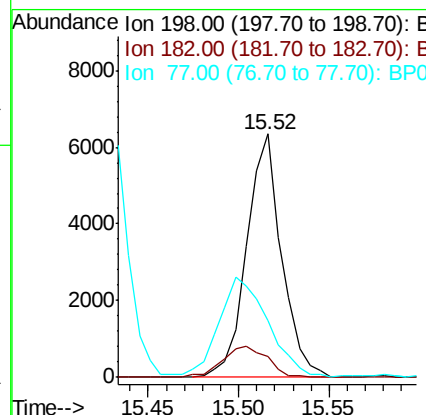
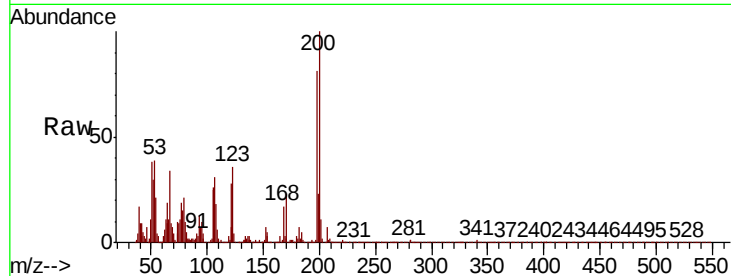




#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.675 ng/ul
 RT: 15.52 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BP004996.D
 Acq: 18 Mar 2021 11:53

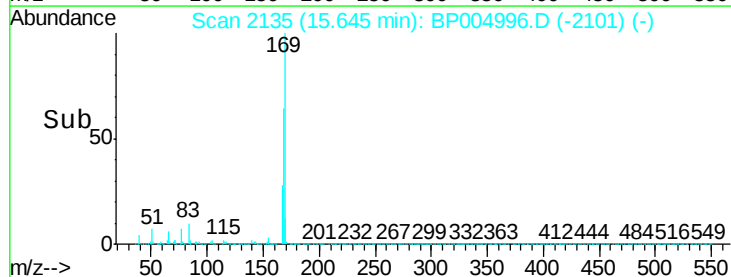
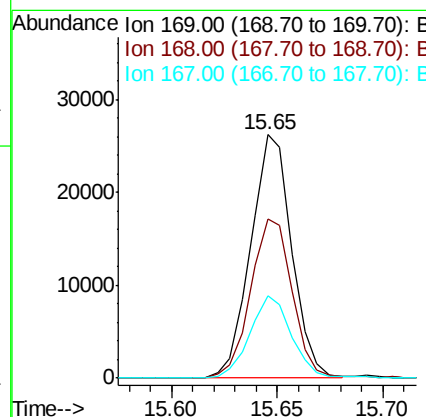
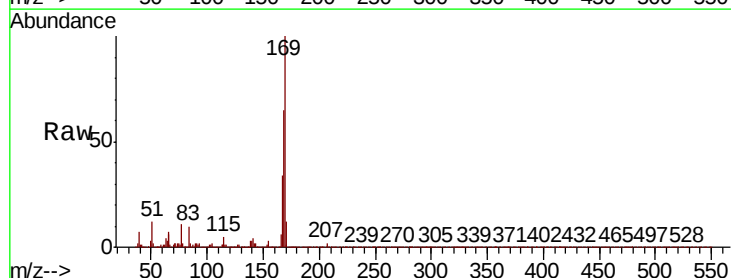
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2021-03

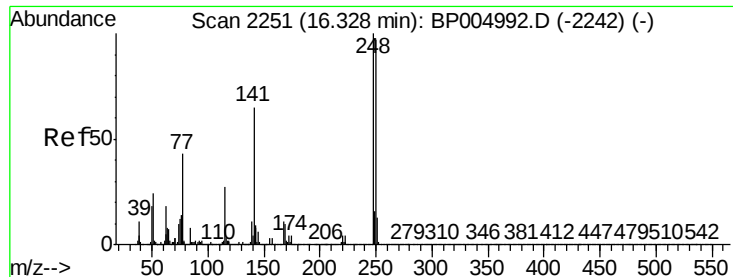
Tot Ion:198 Resp: 8493
 Ion Ratio Lower Upper
 198 100
 182 8.4 3.7 5.5#
 77 23.2 22.2 33.2



#67
 N-Nitrosodiphenylamine
 Concen: 4.542 ng/ul
 RT: 15.65 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BP004996.D
 Acq: 18 Mar 2021 11:53

Tgt Ion:169 Resp: 35281
 Ion Ratio Lower Upper
 169 100
 168 65.2 52.4 78.6
 167 33.7 27.1 40.7

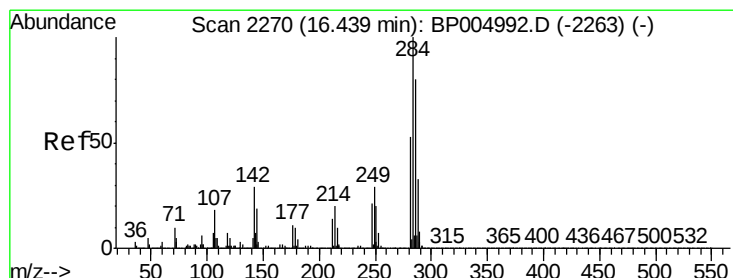
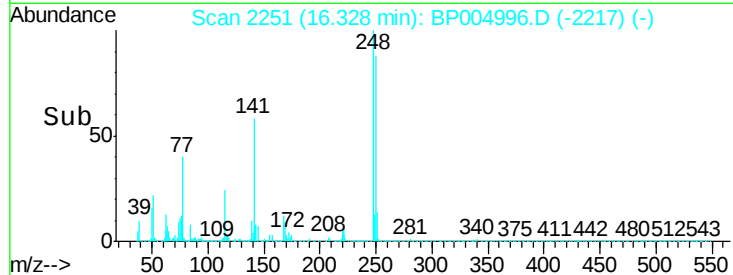
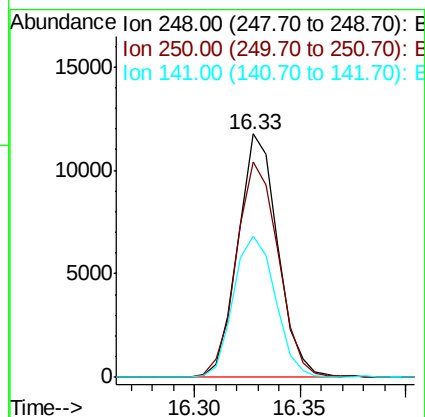
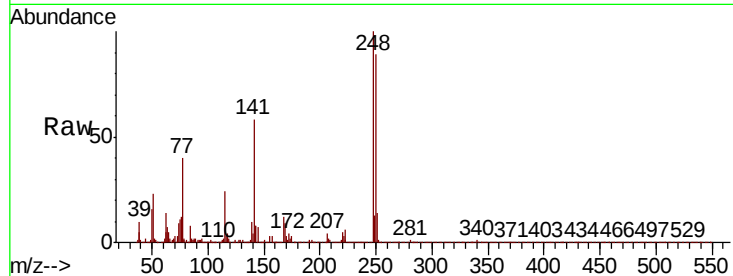




#68
4-Bromophenyl-phenylether
Concen: 5.077 ng/ul
RT: 16.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

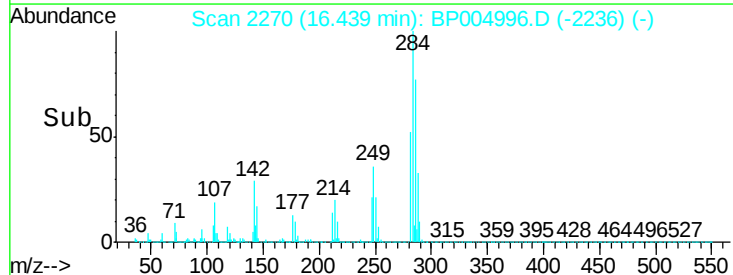
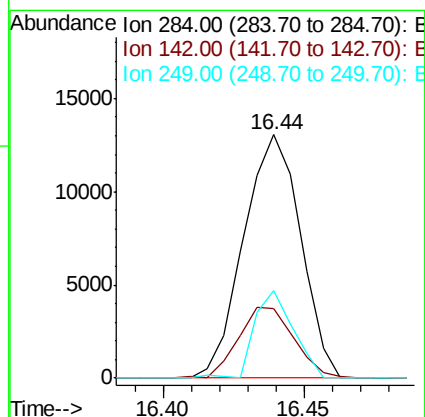
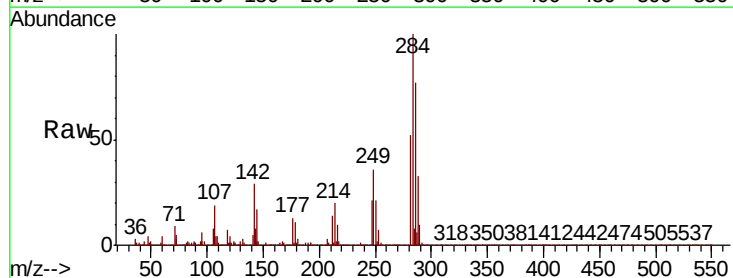
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

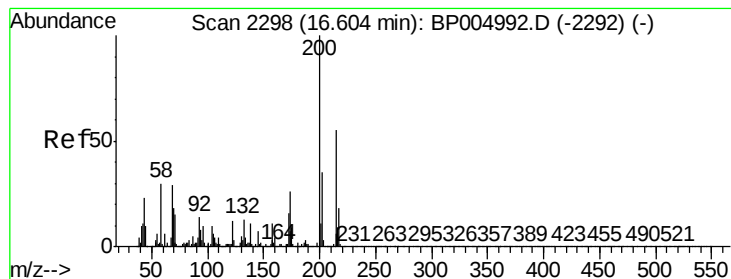
Tot Ion:248 Resp: 15411
Ion Ratio Lower Upper
248 100
250 88.5 83.0 124.4
141 58.2 56.0 84.0



#69
Hexachlorobenzene
Concen: 5.362 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion:284 Resp: 18265
Ion Ratio Lower Upper
284 100
142 28.8 25.7 38.5
249 36.0 26.7 40.1





#70

Atrazine

Concen: 4.157 ng/ul

RT: 16.60 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

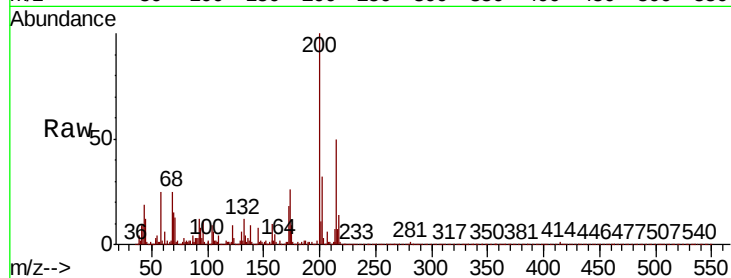
Tot Ion:200 Resp: 13114

Ion Ratio Lower Upper

200 100

173 26.0 18.5 27.7

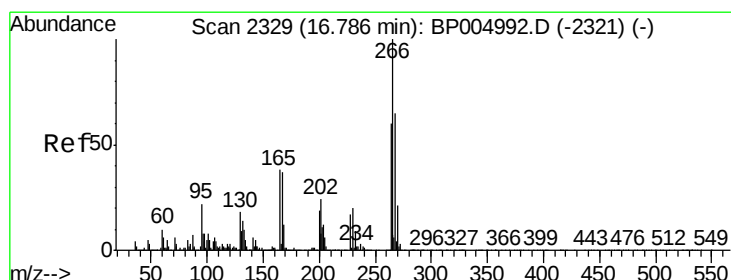
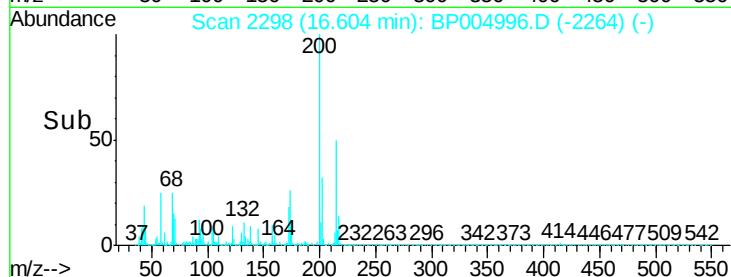
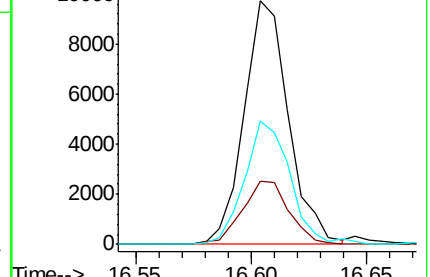
215 50.4 40.2 60.2



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: 4.059 ng/ul

RT: 16.79 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

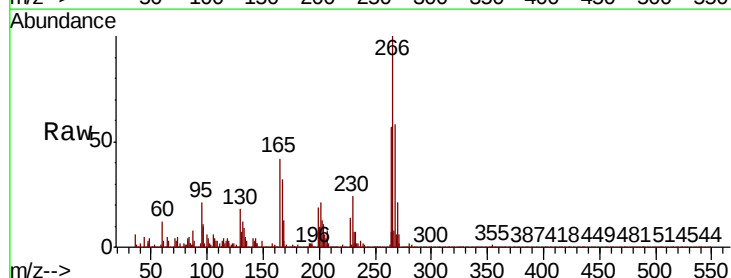
Tgt Ion:266 Resp: 9084

Ion Ratio Lower Upper

266 100

264 64.7 46.2 69.2

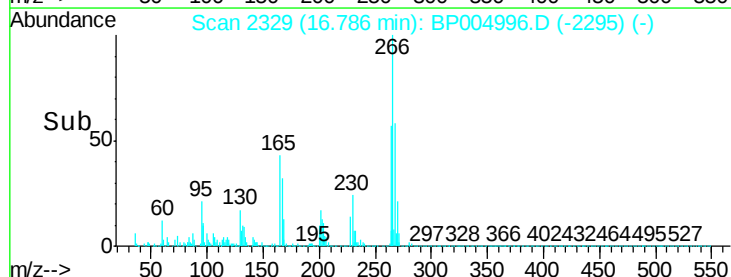
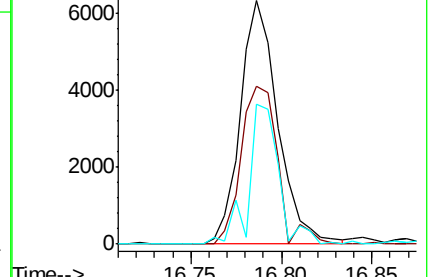
268 64.0 50.8 76.2

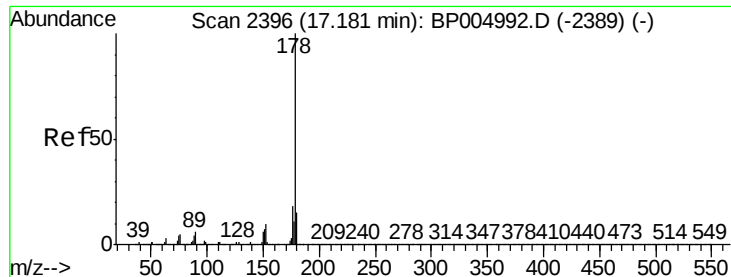


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#72

Phenanthrene

Concen: 4.587 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

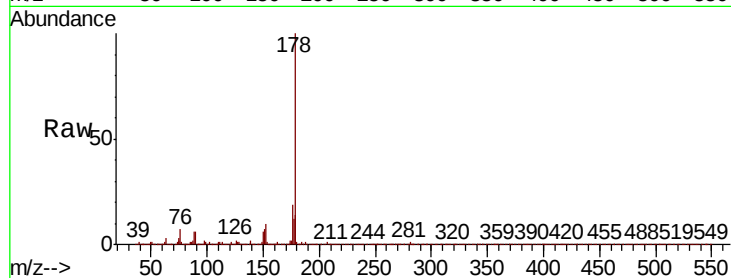
Tot Ion:178 Resp: 67378

Ion Ratio Lower Upper

178 100

179 14.5 12.4 18.6

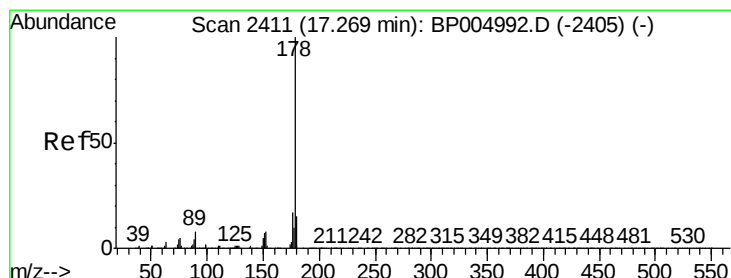
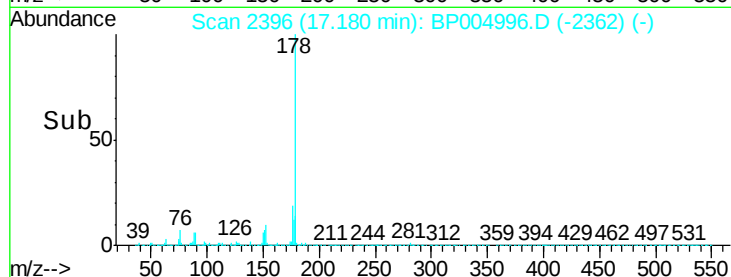
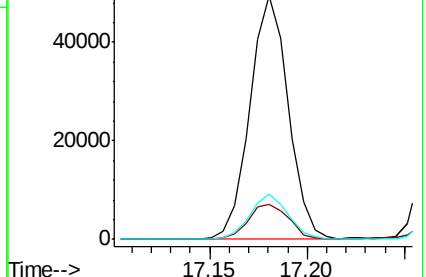
176 18.7 14.4 21.6



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: 4.589 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

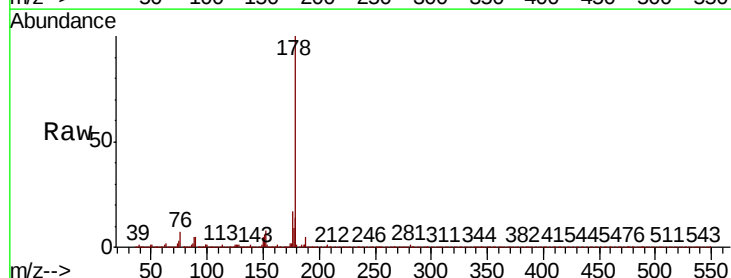
Tgt Ion:178 Resp: 68087

Ion Ratio Lower Upper

178 100

179 14.0 12.1 18.1

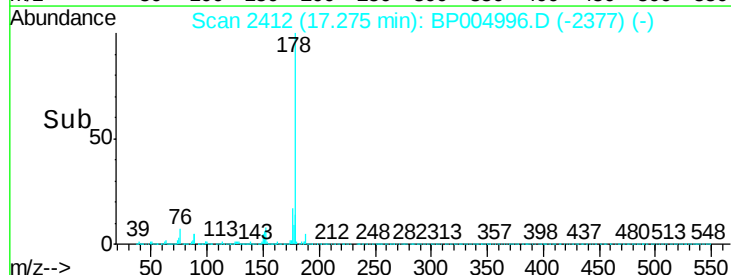
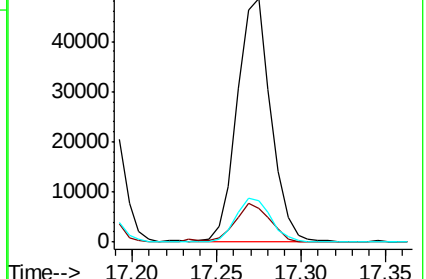
176 16.9 14.4 21.6

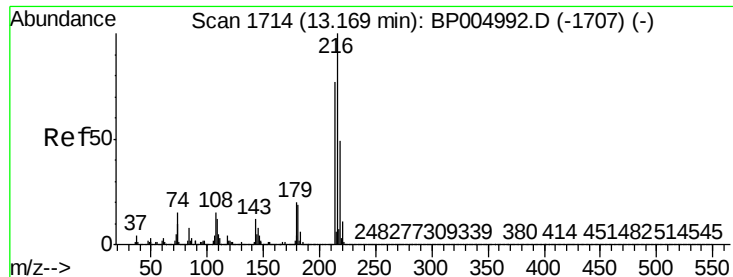


Abundance Ion 178.00 (177.70 to 178.70): E

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: 4.568 ng/uL

RT: 13.17 min Scan# 1714

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

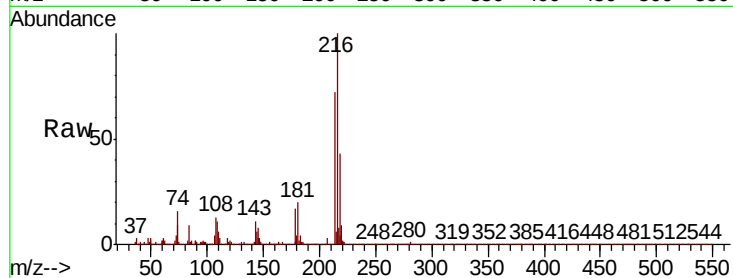
Tot Ion:216 Resp: 19852

Ion Ratio Lower Upper

216 100

214 72.8 66.3 99.5

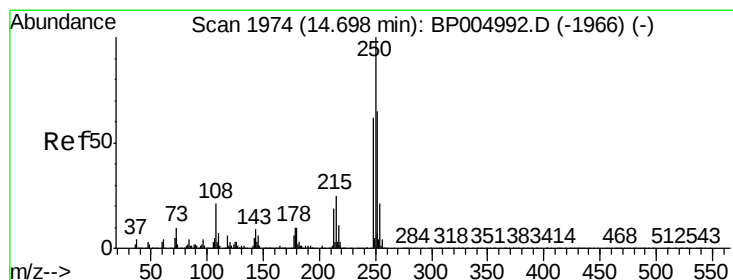
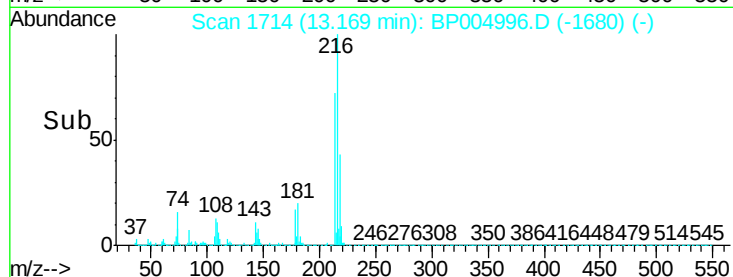
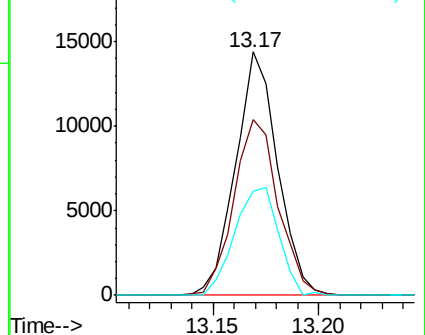
218 43.2 40.0 60.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#76

Pentachlorobenzene

Concen: 4.206 ng/uL

RT: 14.70 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

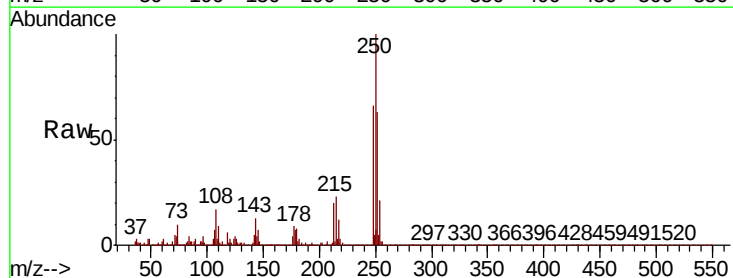
Tgt Ion:250 Resp: 18332

Ion Ratio Lower Upper

250 100

248 66.1 49.3 73.9

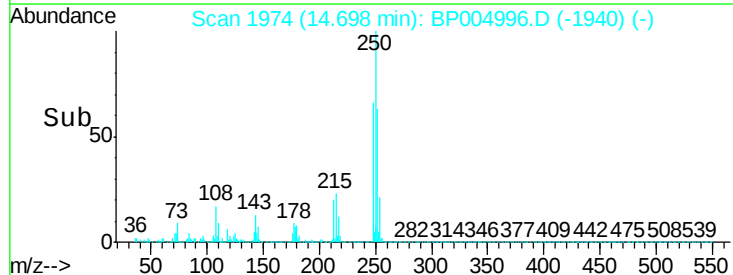
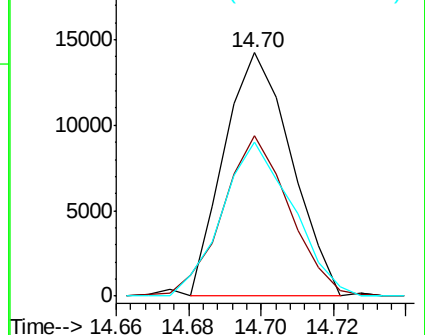
252 63.3 53.5 80.3

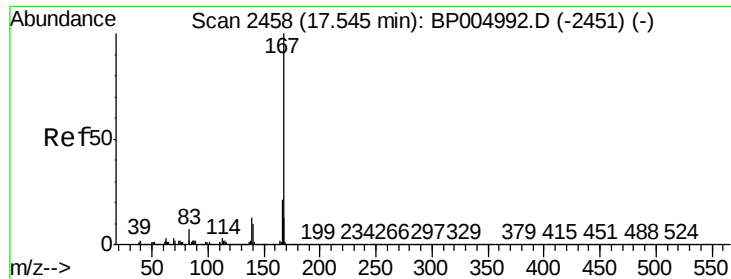


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#77

Carbazole

Concen: 4.135 ng/ul

RT: 17.55 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

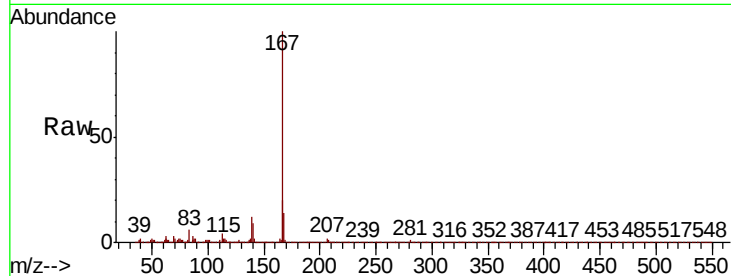
Tot Ion:167 Resp: 53870

Ion Ratio Lower Upper

167 100

166 19.6 16.4 24.6

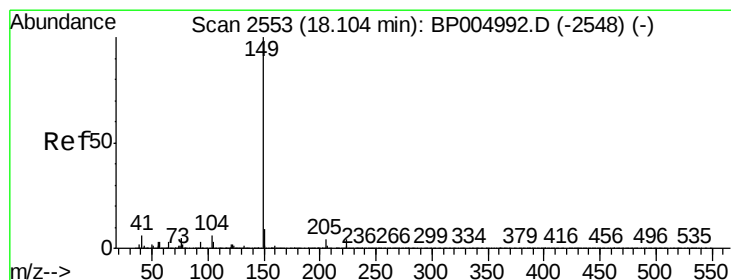
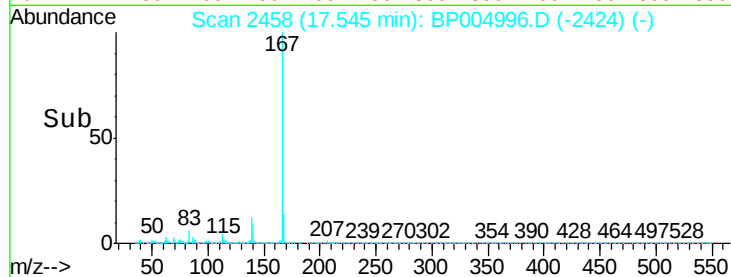
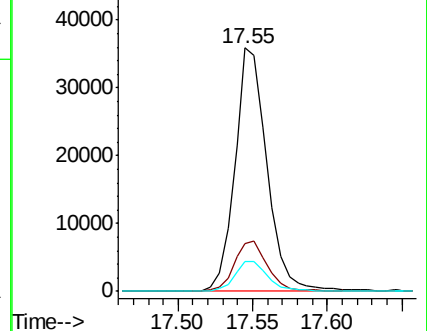
139 12.1 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#78

Di-n-butylphthalate

Concen: 4.036 ng/ul

RT: 18.10 min Scan# 2553

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

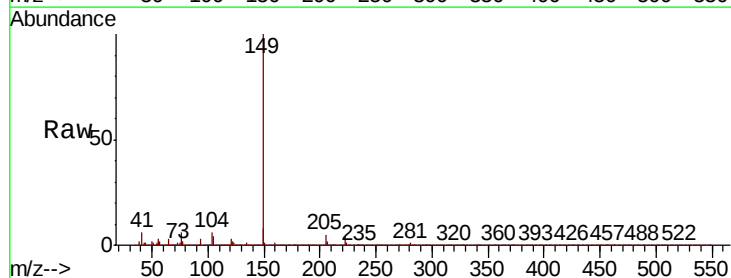
Tgt Ion:149 Resp: 59916

Ion Ratio Lower Upper

149 100

150 8.2 7.0 10.6

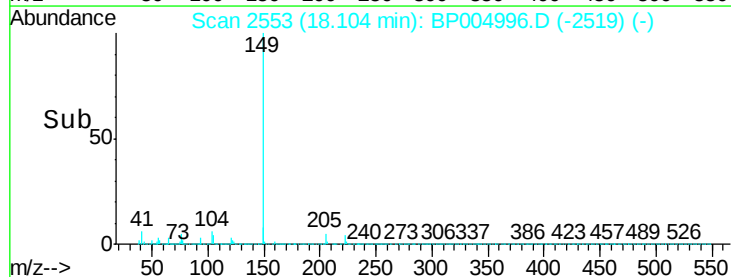
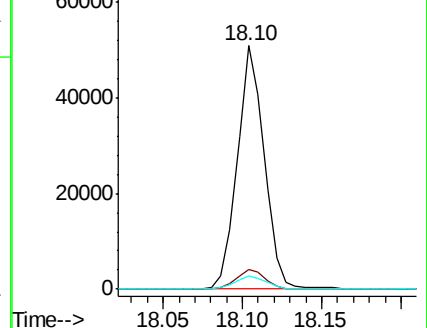
104 5.6 4.5 6.7

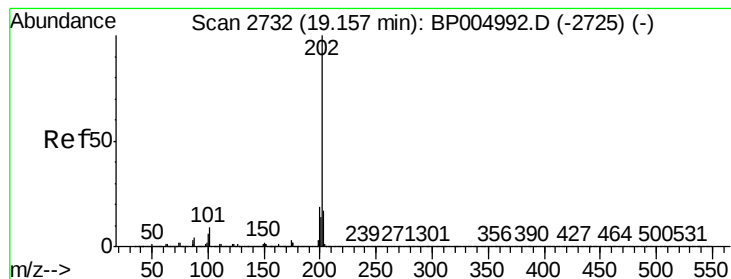


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#80

Fluoranthene

Concen: 4.354 ng/ul

RT: 19.16 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

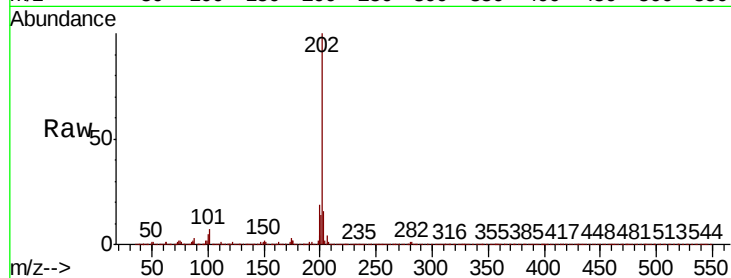
Tot Ion:202 Resp: 79895

Ion Ratio Lower Upper

202 100

101 6.8 7.5 11.3#

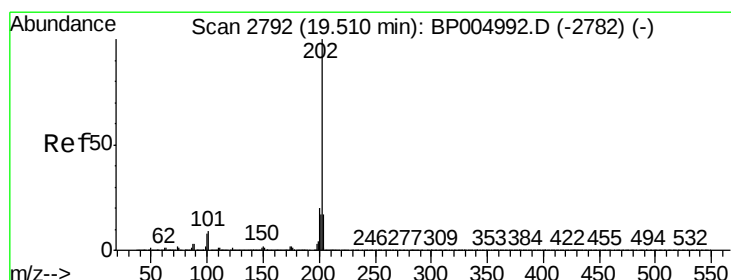
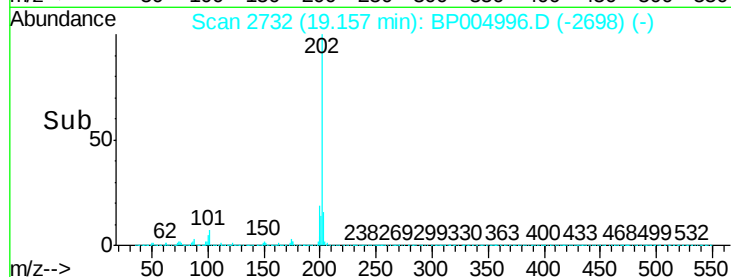
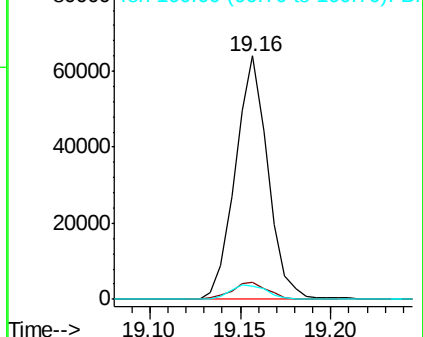
100 5.2 5.9 8.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF



#82

Pyrene

Concen: 4.577 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

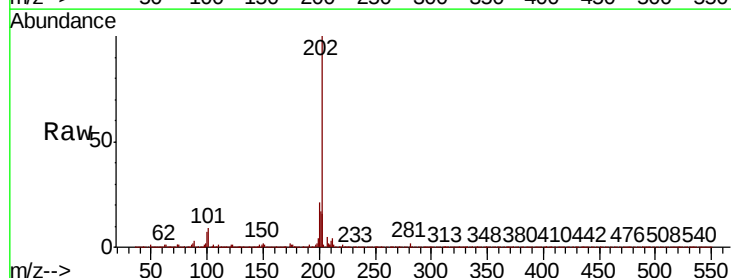
Tgt Ion:202 Resp: 86853

Ion Ratio Lower Upper

202 100

101 9.2 8.5 12.7

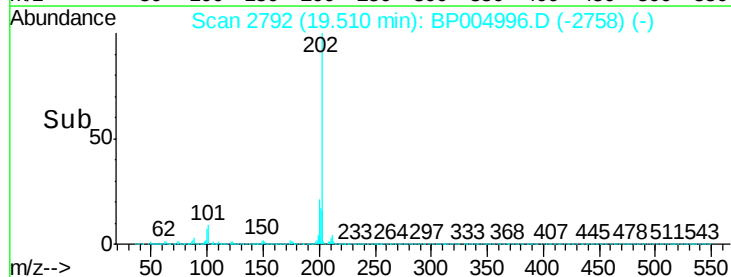
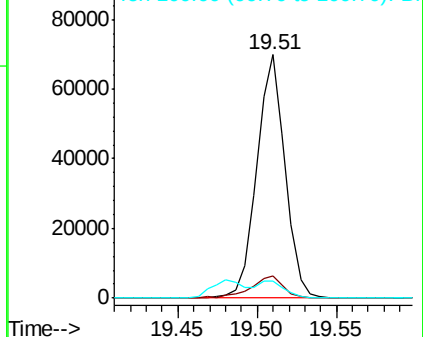
100 7.0 7.0 10.6#

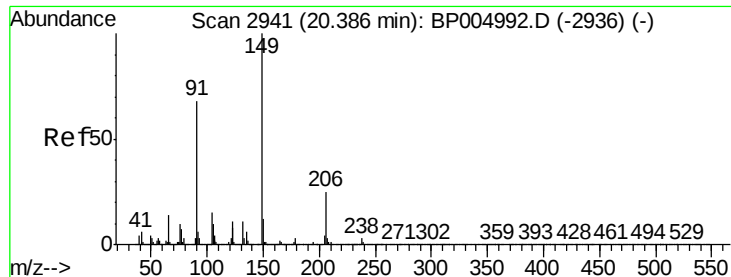


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF

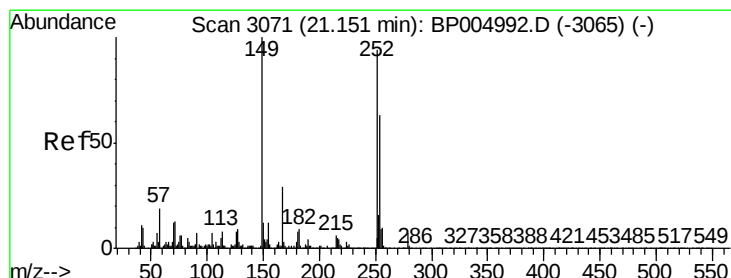
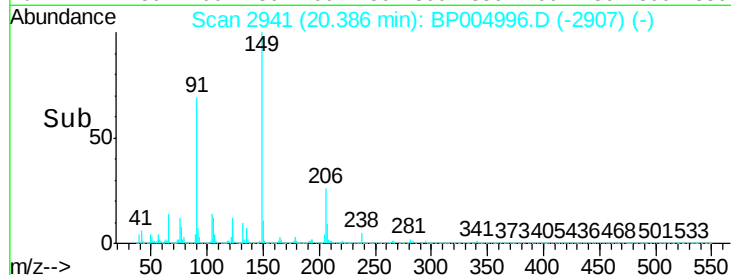
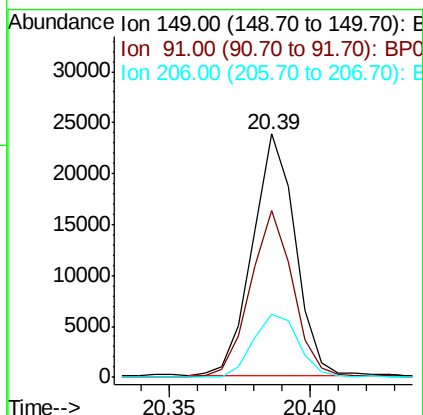
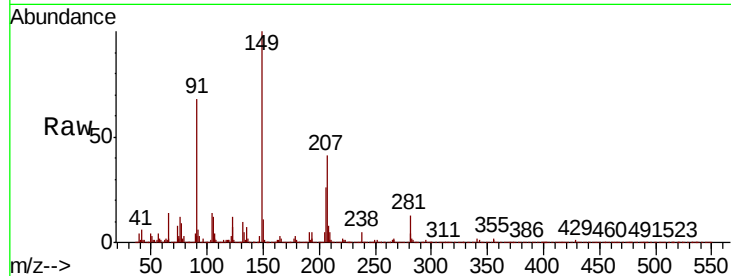




#83
Butylbenzylphthalate
Concen: 3.657 ng/ul
RT: 20.39 min Scan# 2941
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

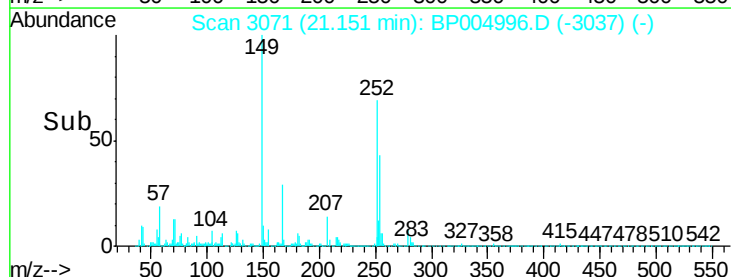
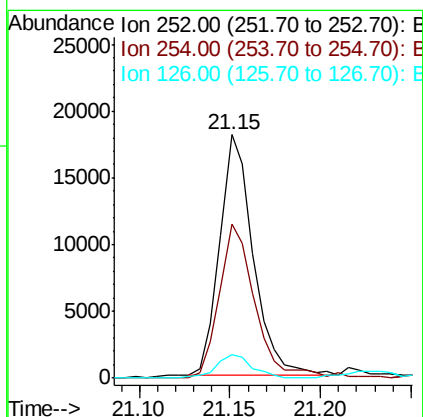
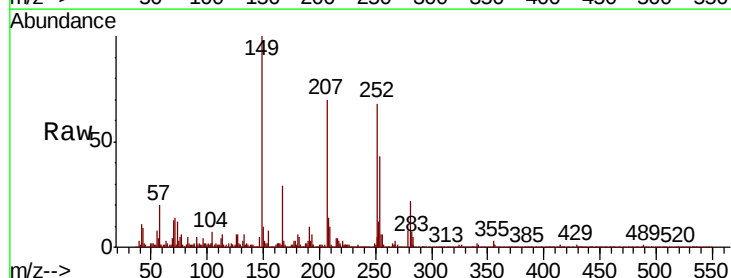
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2021-03

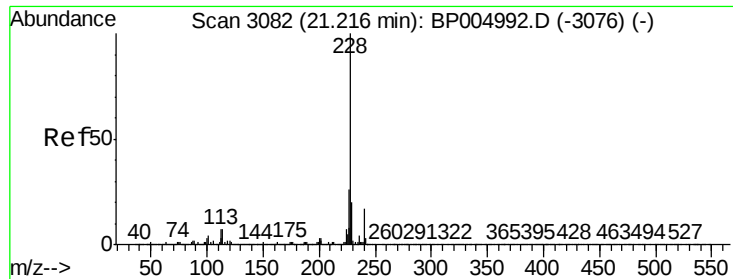
Tot Ion:149 Resp: 24964
Ion Ratio Lower Upper
149 100
91 68.3 54.1 81.1
206 25.9 20.5 30.7



#84
3,3'-Dichlorobenzidine
Concen: 3.476 ng/ul
RT: 21.15 min Scan# 3071
Delta R.T. -0.00 min
Lab File: BP004996.D
Acq: 18 Mar 2021 11:53

Tgt Ion:252 Resp: 23490
Ion Ratio Lower Upper
252 100
254 63.2 48.6 73.0
126 9.5 7.0 10.6





#85

Benzo(a)anthracene

Concen: 4.682 ng/ul

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

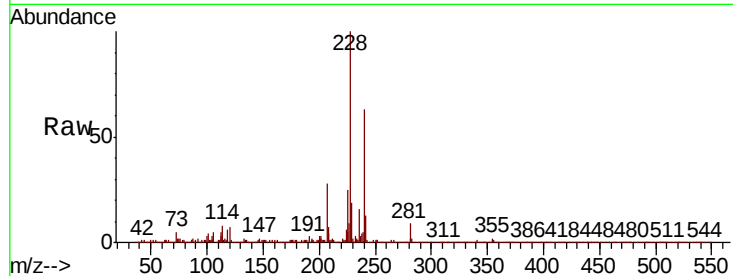
Tot Ion:228 Resp: 88900

Ion Ratio Lower Upper

228 100

229 19.1 15.3 22.9

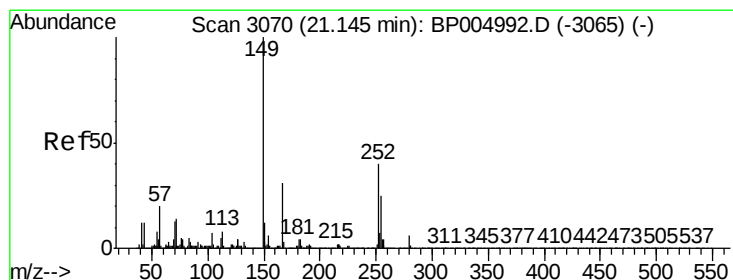
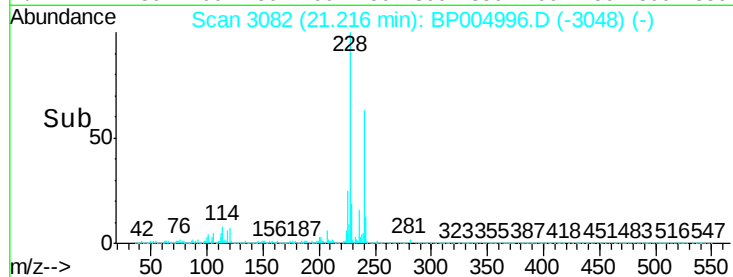
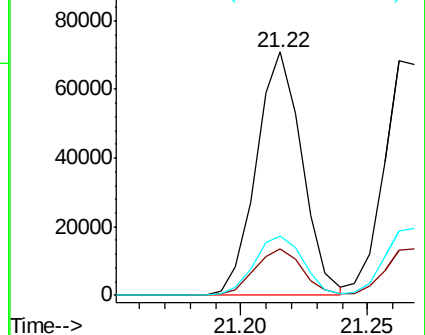
226 24.5 21.1 31.7



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: 3.699 ng/ul

RT: 21.14 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

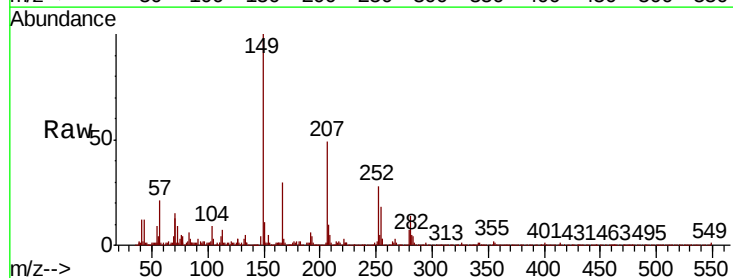
Tgt Ion:149 Resp: 38521

Ion Ratio Lower Upper

149 100

167 29.7 22.4 33.6

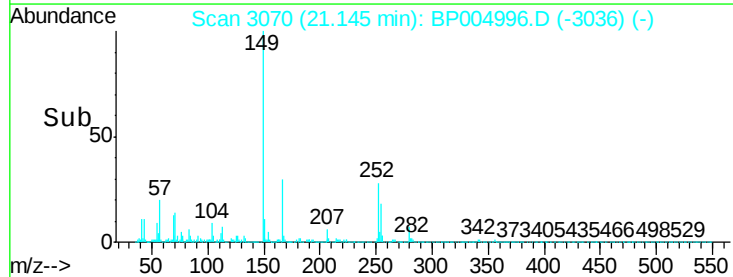
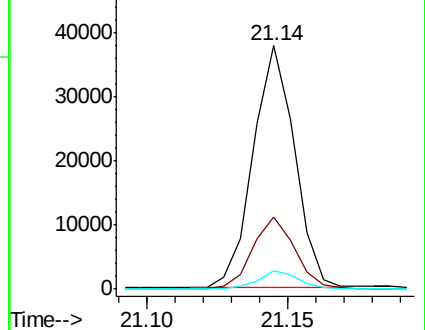
279 7.3 3.8 5.8#

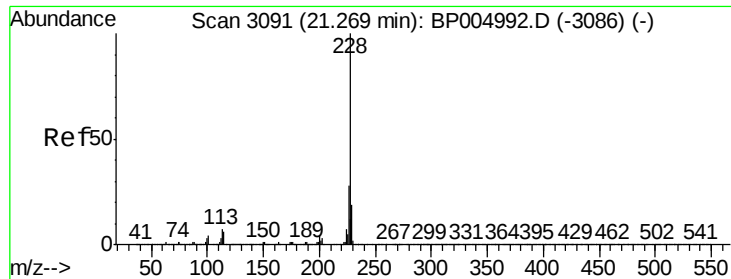


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Chrysene

Concen: 4.660 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

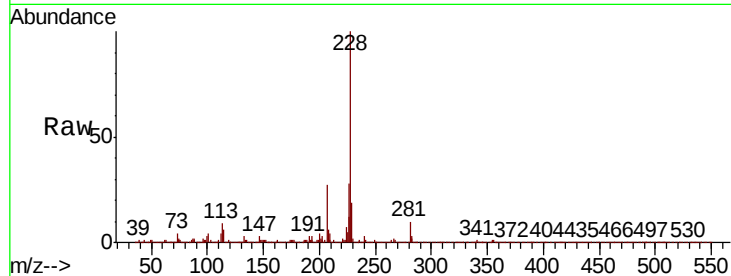
Tot Ion:228 Resp: 86794

Ion Ratio Lower Upper

228 100

226 27.5 23.3 34.9

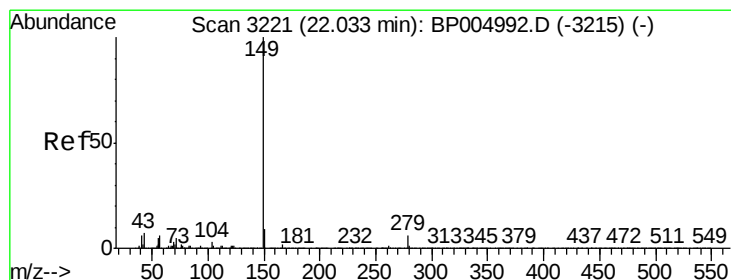
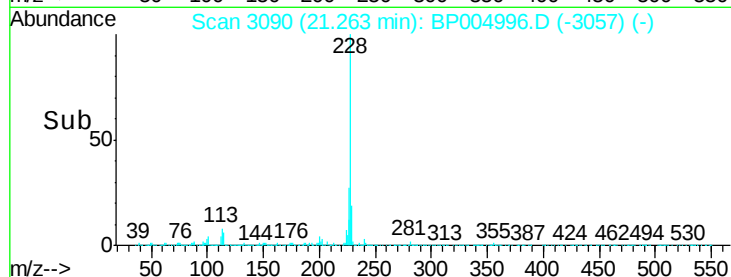
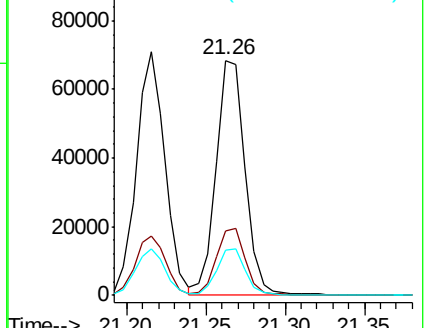
229 19.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#89

Di-n-octyl phthalate

Concen: 3.536 ng/ul

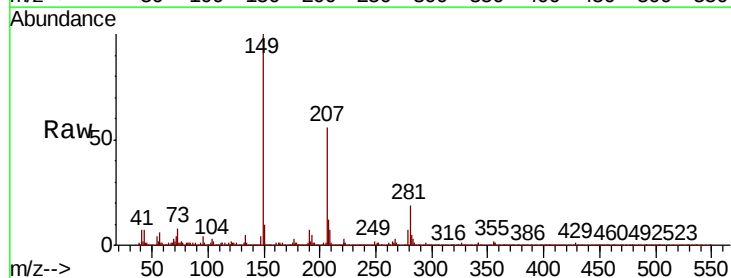
RT: 22.03 min Scan# 3221

Delta R.T. -0.00 min

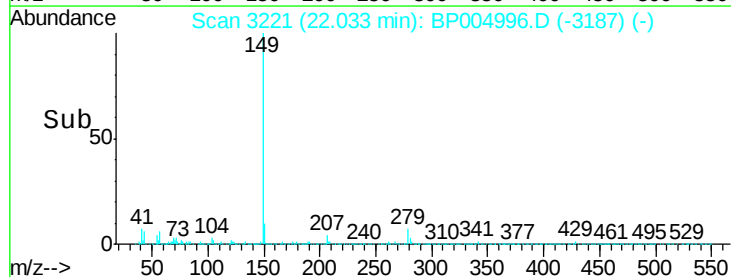
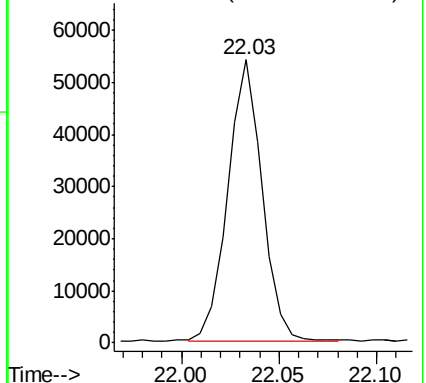
Lab File: BP004996.D

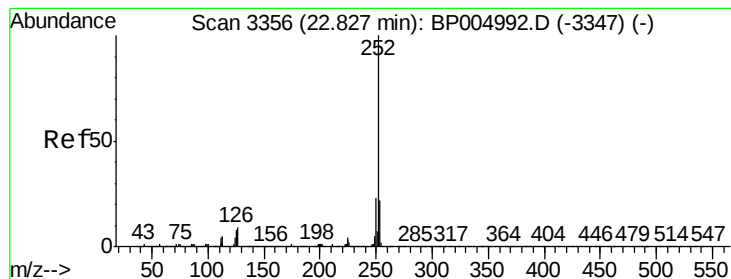
Acq: 18 Mar 2021 11:53

Tgt Ion:149 Resp: 65513



Abundance Ion 149.00 (148.70 to 149.70): E





#90

Benzo(b)fluoranthene

Concen: 4.664 ng/ul

RT: 22.82 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

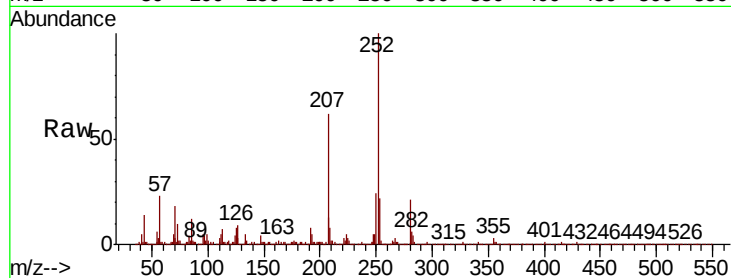
Tot Ion:252 Resp: 90333

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

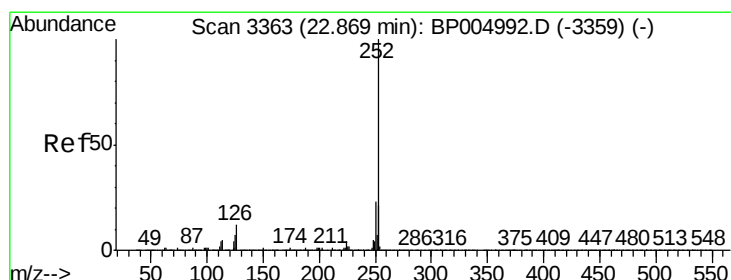
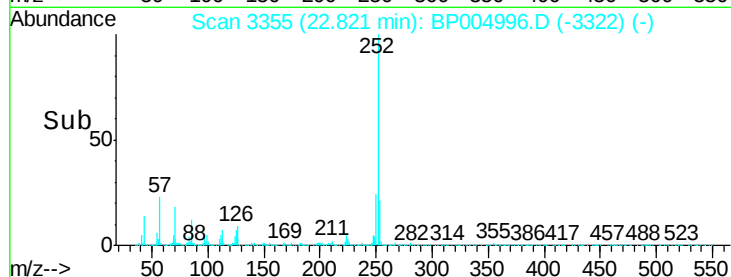
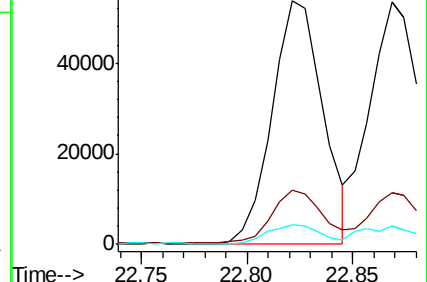
125 8.0 6.2 9.4



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: 4.770 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

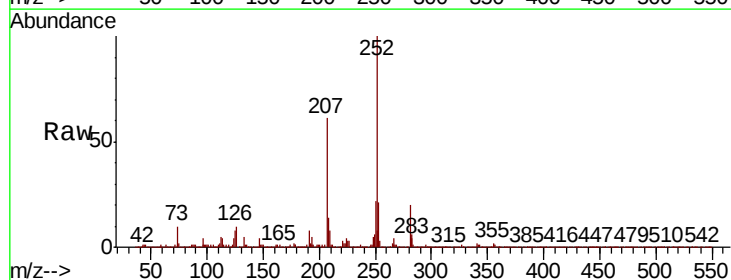
Tgt Ion:252 Resp: 91625

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

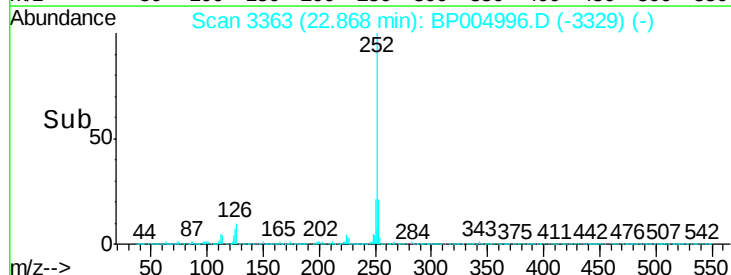
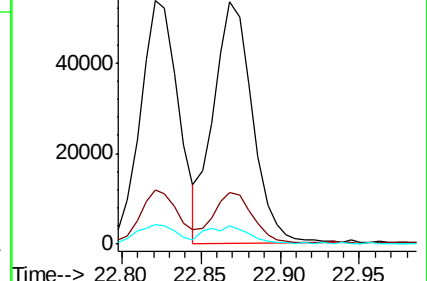
125 7.7 6.2 9.4

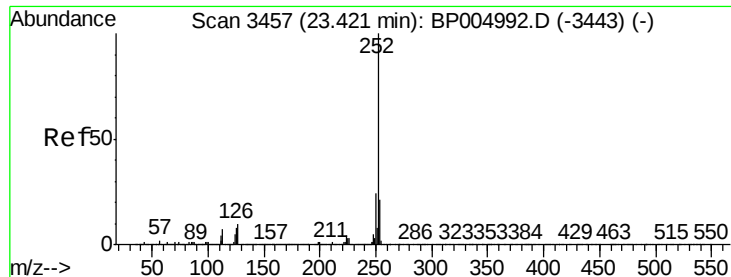


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 4.719 ng/ul

RT: 23.42 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

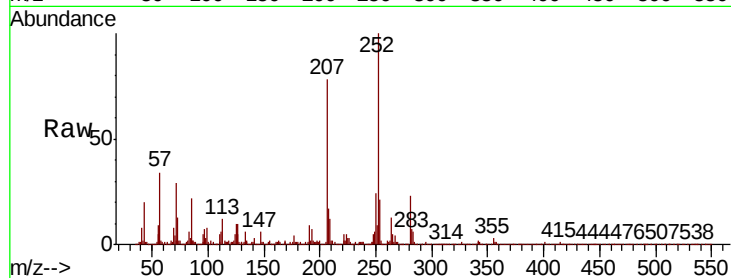
Tot Ion:252 Resp: 80340

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

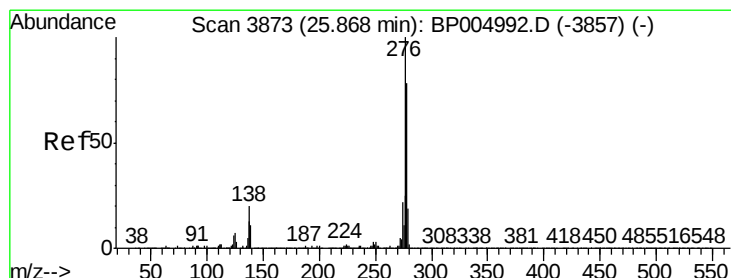
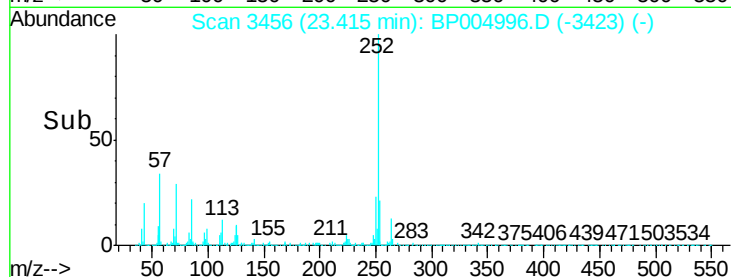
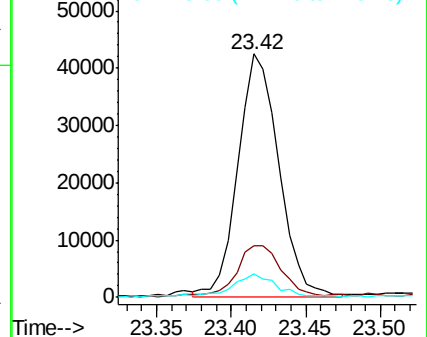
125 9.6 6.9 10.3



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



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.744 ng/ul

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

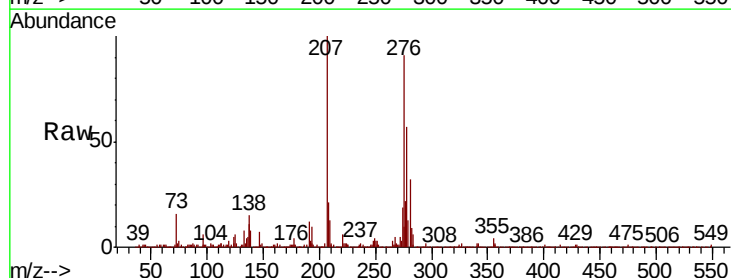
Tgt Ion:276 Resp: 102047

Ion Ratio Lower Upper

276 100

138 16.9 14.7 22.1

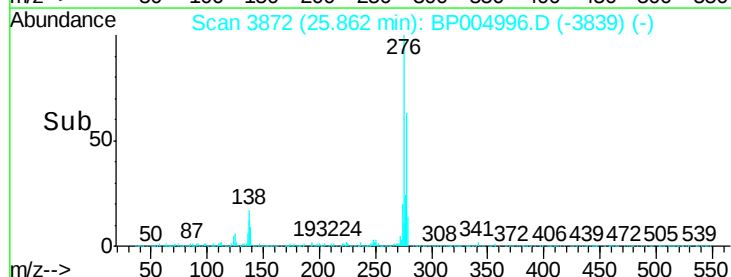
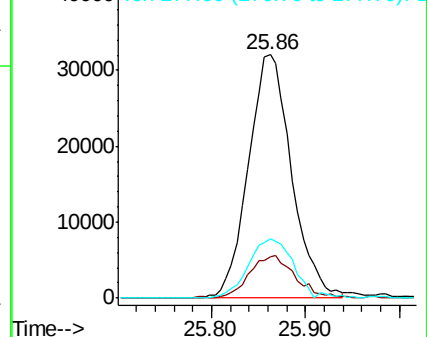
277 24.4 19.8 29.8

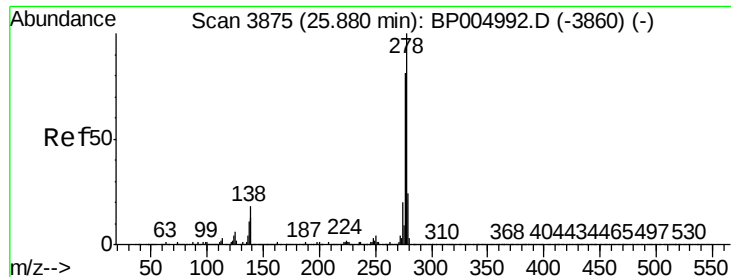


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 4.925 ng/ul

RT: 25.88 min Scan# 3875

Delta R.T. -0.00 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2021-03

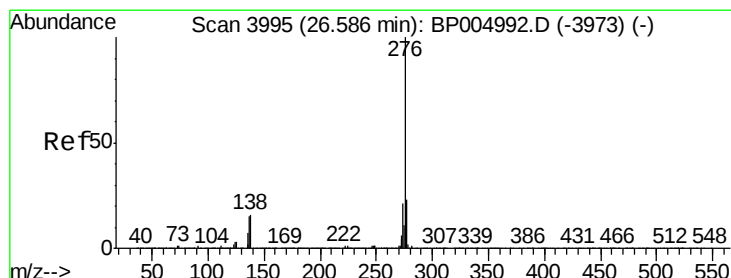
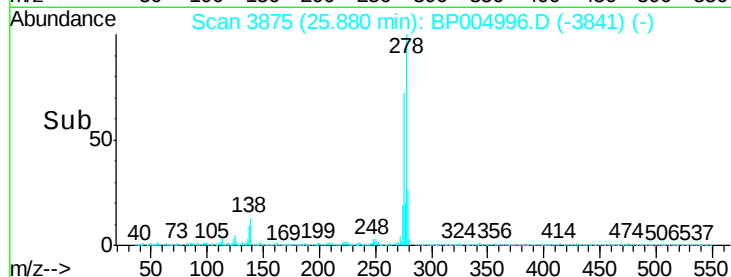
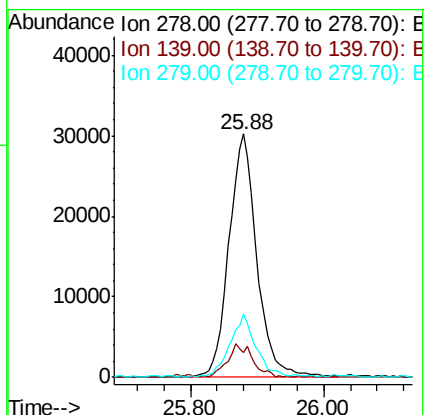
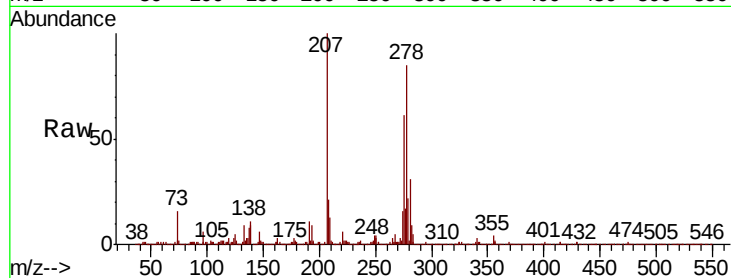
Tot Ion:278 Resp: 88602

Ion Ratio Lower Upper

278 100

139 10.4 9.4 14.0

279 26.1 18.5 27.7



#96

Benzo(g,h,i)perylene

Concen: 4.840 ng/ul

RT: 26.58 min Scan# 3994

Delta R.T. -0.01 min

Lab File: BP004996.D

Acq: 18 Mar 2021 11:53

Tgt Ion:276 Resp: 87490

Ion Ratio Lower Upper

276 100

138 14.7 14.3 21.5

277 26.9 18.6 27.8

