

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050621\
 Data File : BP005450.D
 Acq On : 06 May 2021 14:01
 Operator : CG/JU
 Sample : M2214-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: May 06 14:29:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 19:00:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	13563	20.00	ng	0.00
21) Naphthalene-d8	10.510	136	42347	20.00	ng	# 0.00
39) Acenaphthene-d10	14.363	164	34463	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	96080	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	149019	20.00	ng	# 0.00
86) Perylene-d12	23.539	264	175692	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	59772	84.58	ng	0.00
7) Phenol-d6	6.905	99	70933	80.49	ng	0.00
23) Nitrobenzene-d5	8.881	82	62369	57.97	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	101216	103.50	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	171213	56.04	ng	0.00
79) Terphenyl-d14	19.692	244	585493	66.72	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	42	Below Cal	#	80
6) Aniline	7.152	93	43717	45.96	ng	# 58
10) Phenol	6.934	94	74110	84.08	ng	# 54
11) bis(2-Chloroethyl)ether	7.152	93	43717	71.81	ng	96
12) 1,3-Dichlorobenzene	7.599	146	85014	84.18	ng	# 88
13) 1,4-Dichlorobenzene	7.599	146	85014	84.46	ng	97
19) n-Nitroso-di-n-propyla...	8.528	70	33658	52.16	ng	# 88
24) Nitrobenzene	8.928	77	76239	70.64	ng	94
28) bis(2-Chloroethoxy)met...	9.934	93	74171	106.34	ng	98
31) Naphthalene	10.557	128	156087	68.54	ng	98
33) 4-Chloroaniline	10.557	127	21393	24.12	ng	# 35
34) Hexachlorobutadiene	10.834	225	87351	87.29	ng	95
37) 2-Methylnaphthalene	12.175	142	123298	67.50	ng	98
38) 1-Methylnaphthalene	12.175	142	123298	71.50	ng	96
41) Hexachlorocyclopentadiene	12.675	237	4	7.88	ng	84
43) 2,4,6-Trichlorophenol	12.798	196	96645	97.69	ng	94
44) 2,4,5-Trichlorophenol	12.875	196	70450	65.99	ng	# 93
47) 2-Chloronaphthalene	13.240	162	91869	41.58	ng	97
49) Acenaphthylene	14.087	152	109000	34.24	ng	99
50) Dimethylphthalate	13.834	163	284150	95.51	ng	99
51) 2,6-Dinitrotoluene	13.834	165	3242	4.85	ng	# 13
52) Acenaphthene	14.428	154	147350	74.41	ng	96
55) Dibenzofuran	14.769	168	477991	128.32	ng	98
56) 4-Nitrophenol	14.622	139	43025	119.09	ng	# 83
57) 2,4-Dinitrotoluene	14.763	165	172473	175.11	ng	# 83
58) Fluorene	15.416	166	272670	89.65	ng	97
60) Diethylphthalate	15.204	149	384178	133.32	ng	97
61) 4-Chlorophenyl-phenyle...	15.410	204	77593	40.77	ng	98
62) 4-Nitroaniline	15.422	138	4128	8.98	ng	# 1
67) 4-Bromophenyl-phenylether	16.310	248	113565	75.72	ng	97
71) Phenanthrene	17.163	178	277564	50.84	ng	98
72) Anthracene	17.251	178	208659	38.51	ng	98
75) Fluoranthene	19.139	202	1020842	135.94	ng	97
78) Pyrene	19.492	202	871720	103.32	ng	100
80) Butylbenzylphthalate	20.369	149	241316	88.53	ng	96
81) Benzo(a)anthracene	21.204	228	529878	54.87	ng	100

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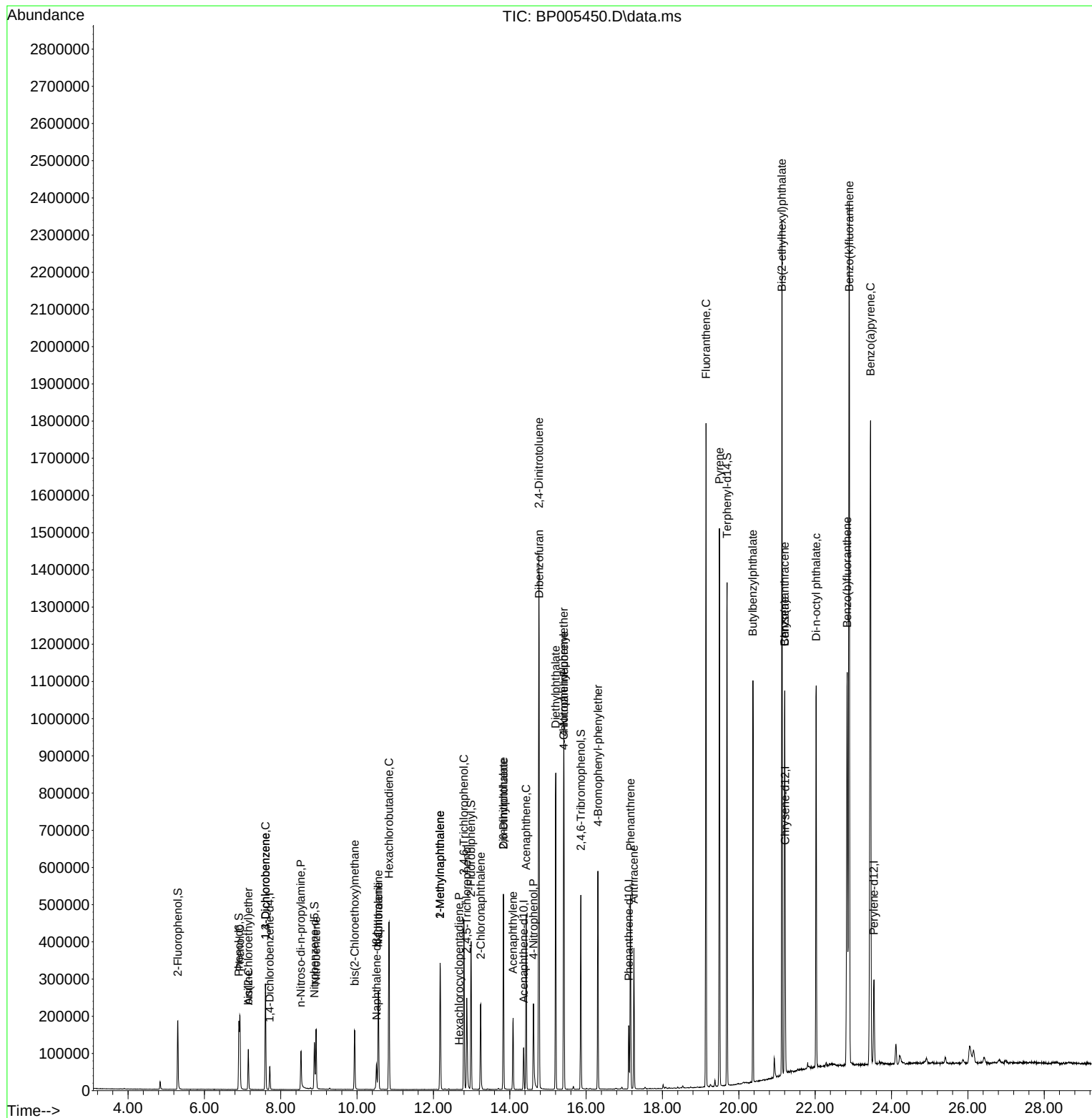
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.204	228	529878	56.61	ng	95
84) Bis(2-ethylhexyl)phtha...	21.127	149	762601	182.96	ng	98
85) Di-n-octyl phthalate	22.027	149	633166	90.44	ng	# 95
88) Benzo(b)fluoranthene	22.839	252	834240	71.26	ng	# 98
89) Benzo(k)fluoranthene	22.892	252	1765954	154.26	ng	# 98
90) Benzo(a)pyrene	23.451	252	1520388	141.68	ng	# 99

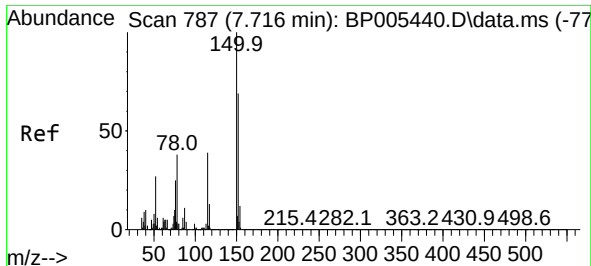
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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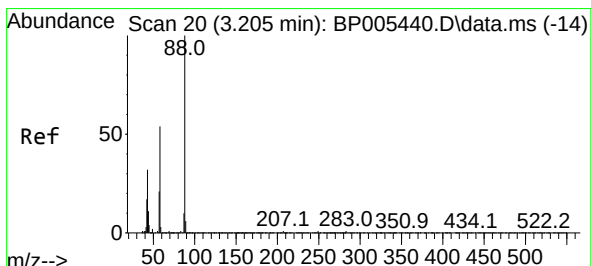
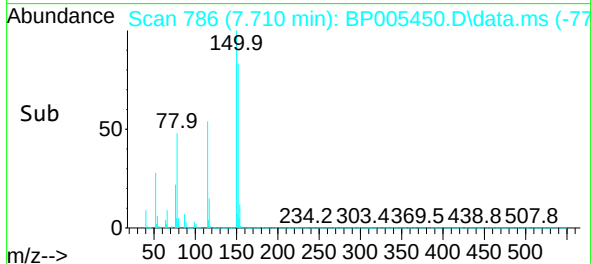
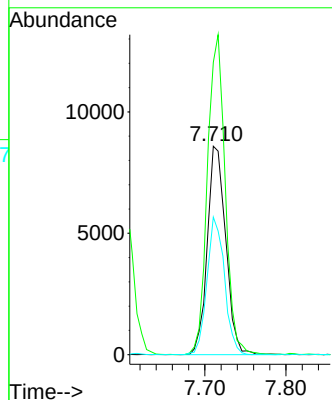
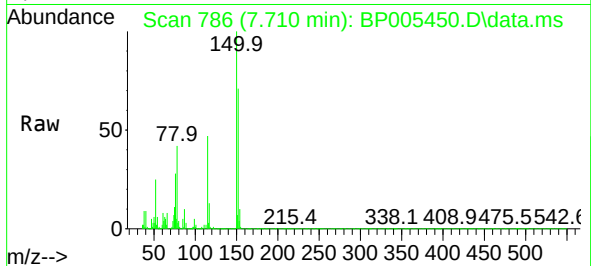




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

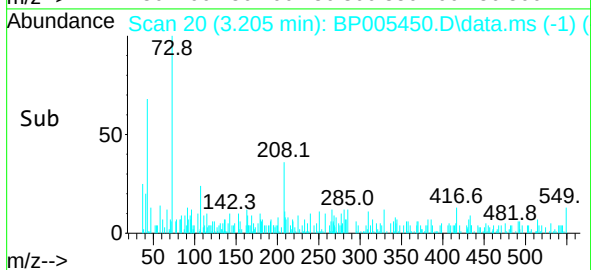
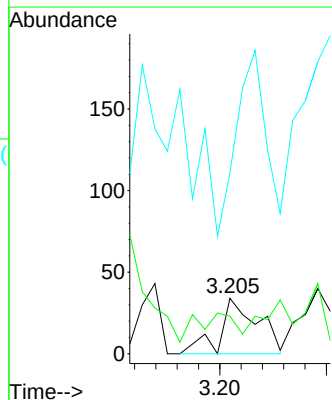
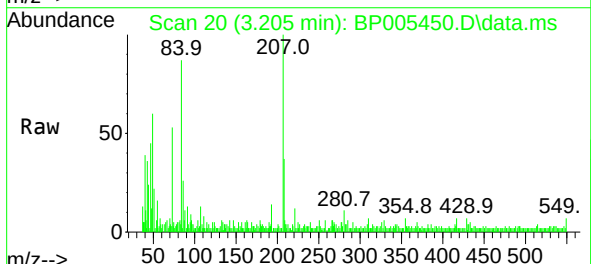
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

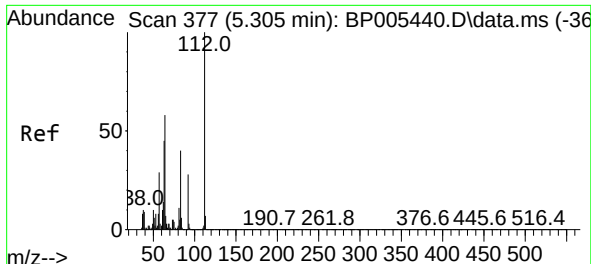
Tgt Ion:152 Resp: 13563
Ion Ratio Lower Upper
152 100
150 140.3 119.8 179.8
115 66.0 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.205 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
58 57.1 42.5 63.7
43 0.0 19.8 29.8#

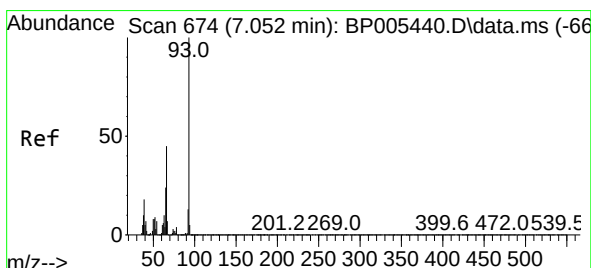
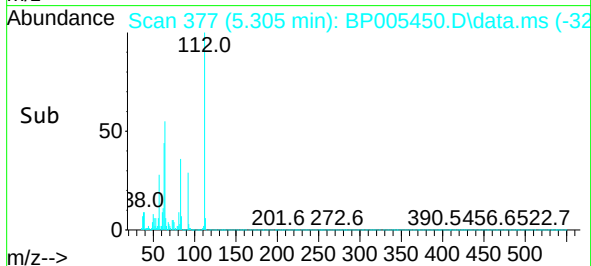
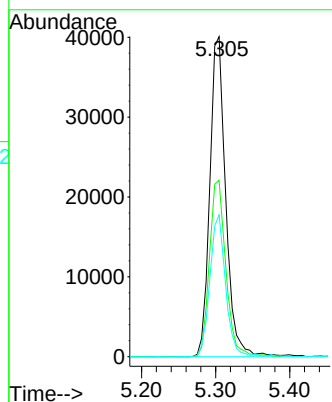
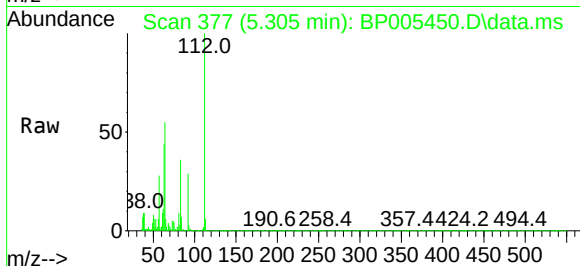




#5
2-Fluorophenol
Concen: 84.58 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

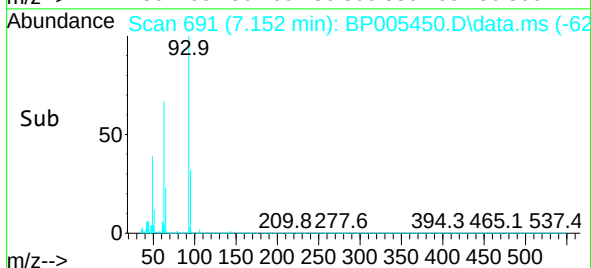
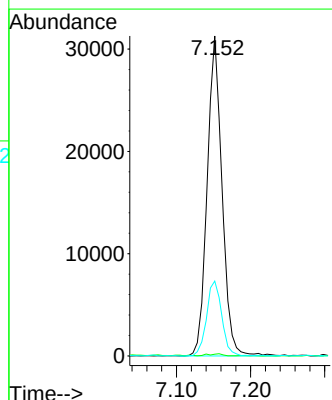
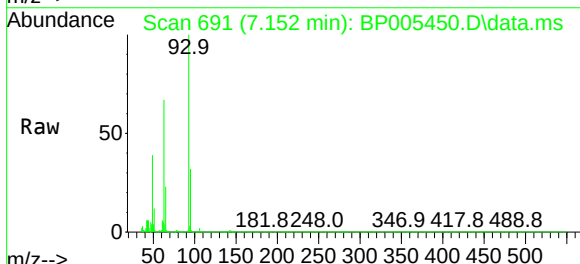
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

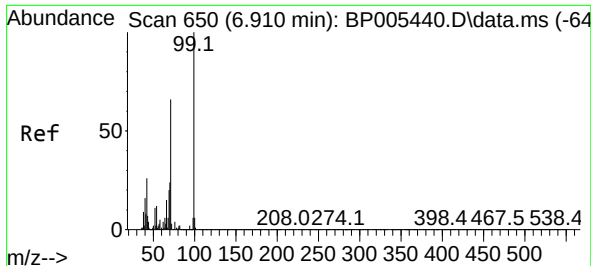
Tgt Ion:112 Resp: 59772
Ion Ratio Lower Upper
112 100
64 55.1 33.6 50.4#
63 44.3 18.6 27.8#



#6
Aniline
Concen: 45.96 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.100 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion: 93 Resp: 43717
Ion Ratio Lower Upper
93 100
66 0.5 27.0 40.4#
65 23.4 14.4 21.6#

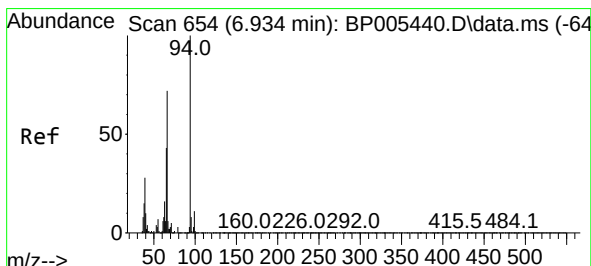
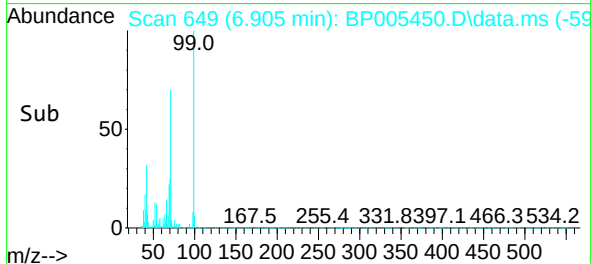
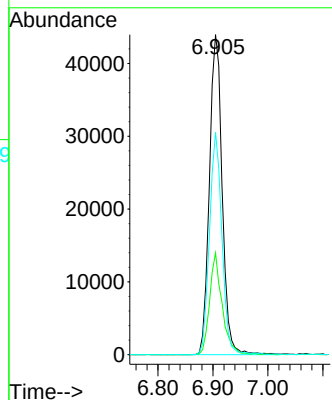
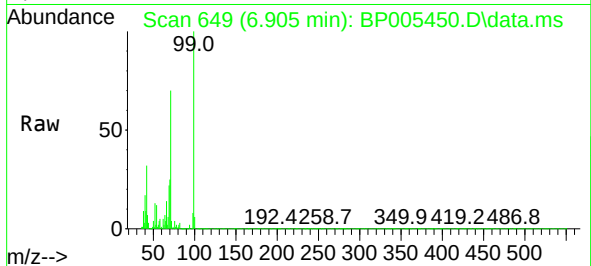




#7
Phenol-d6
Concen: 80.49 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

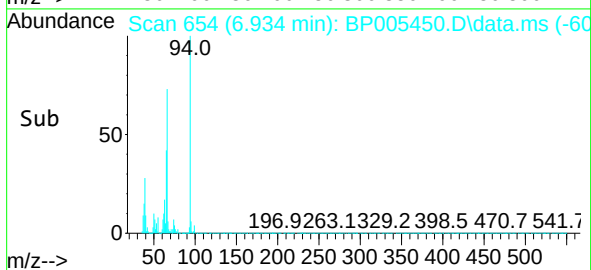
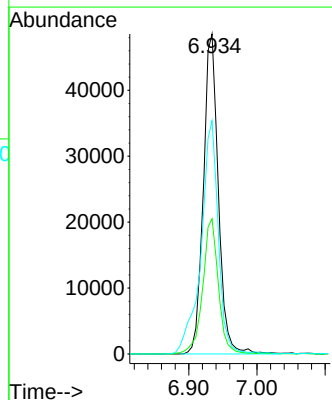
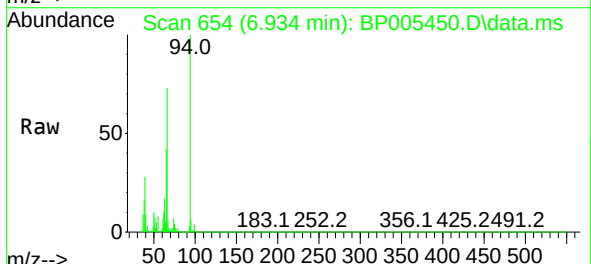
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

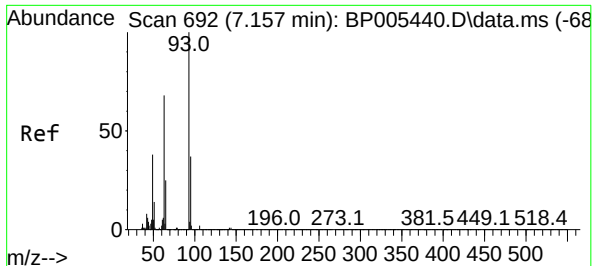
Tgt Ion: 99 Resp: 70933
Ion Ratio Lower Upper
99 100
42 31.8 12.9 19.3#
71 69.5 26.7 40.1#



#10
Phenol
Concen: 84.08 ng
RT: 6.934 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion: 94 Resp: 74110
Ion Ratio Lower Upper
94 100
65 42.2 8.0 48.0
66 72.9 17.3 57.3#

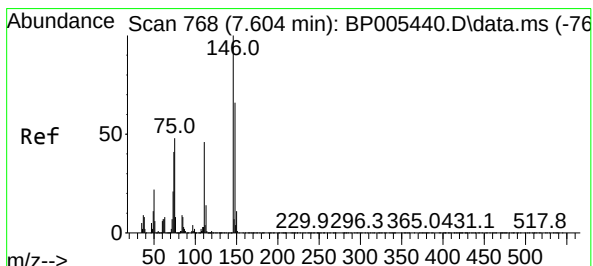
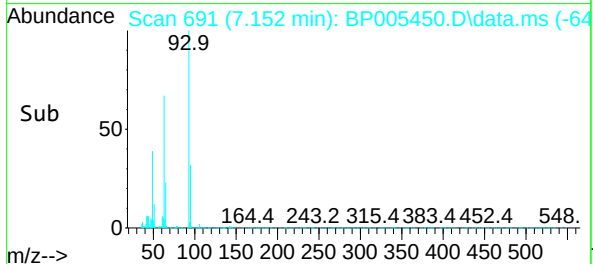
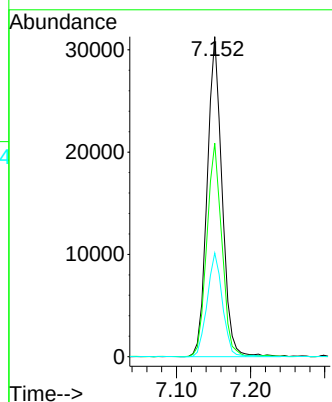
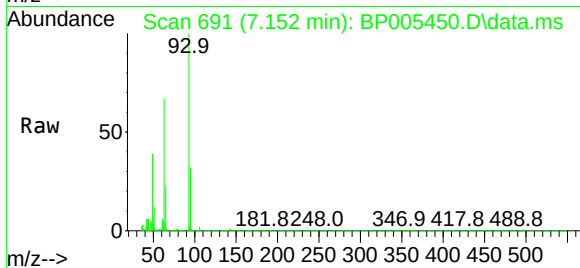




#11
bis(2-Chloroethyl)ether
Concen: 71.81 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

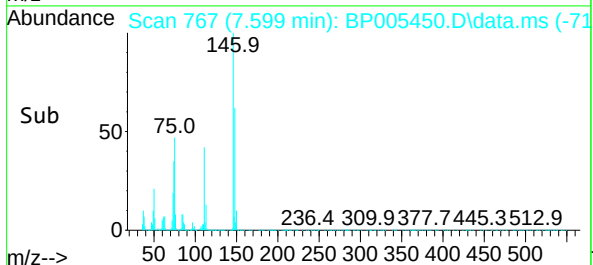
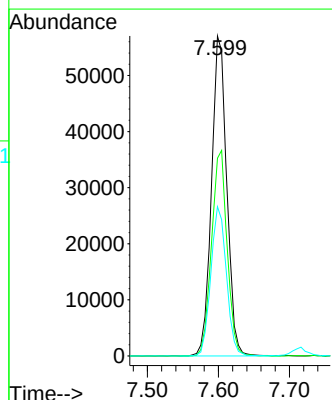
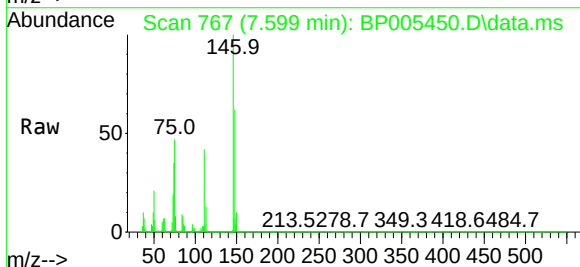
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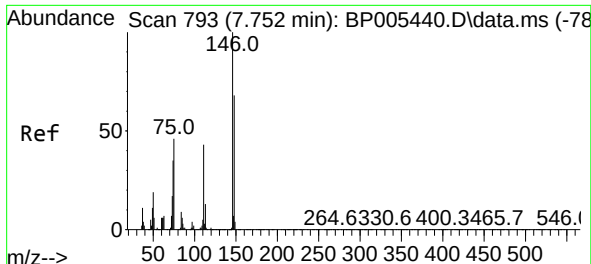
Tgt Ion: 93	Resp: 43717
Ion Ratio	Lower Upper
93 100	
63 66.7	49.6 89.6
95 32.4	14.4 54.4



#12
1,3-Dichlorobenzene
Concen: 84.18 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:146	Resp:	85014	
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.4	77.0
75	46.7	23.9	35.9#

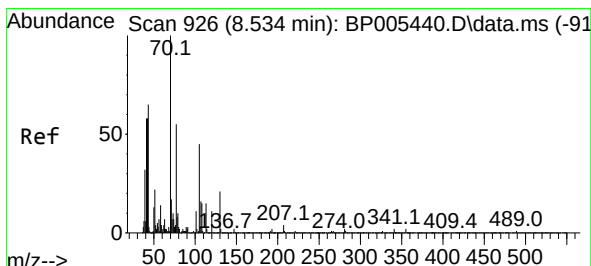
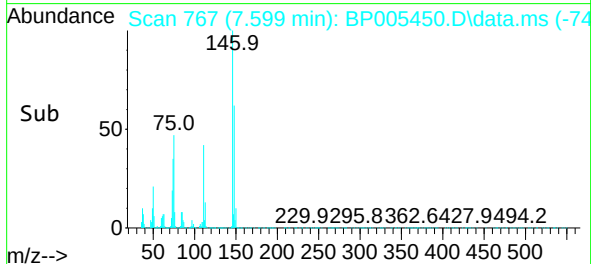
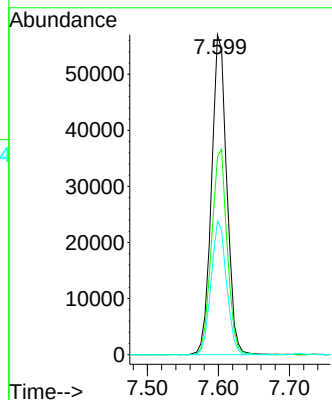
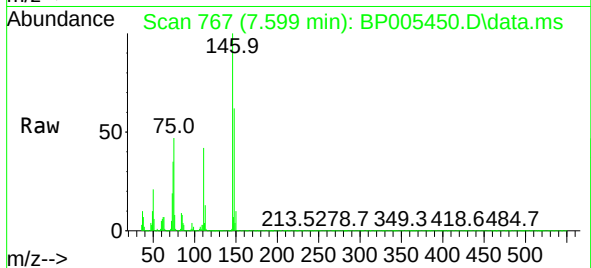




#13
1,4-Dichlorobenzene
Concen: 84.46 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.153 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

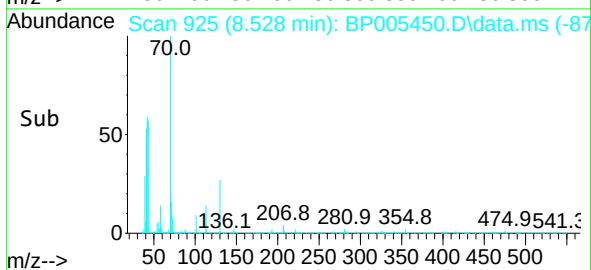
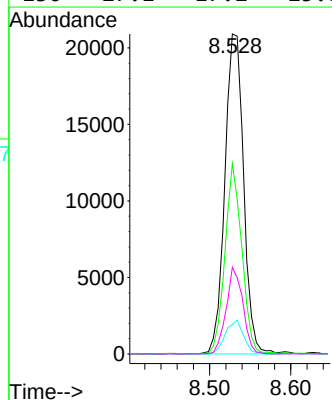
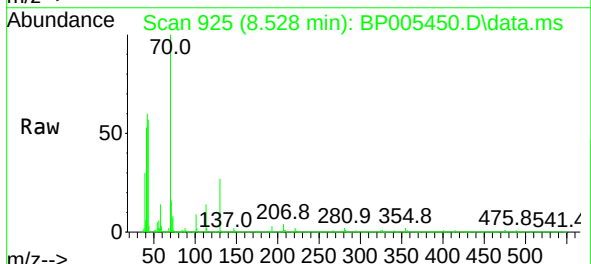
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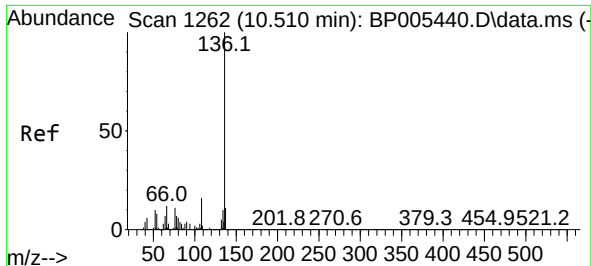
Tgt Ion:146 Resp: 85014
Ion Ratio Lower Upper
146 100
148 61.8 52.2 78.4
111 41.8 34.2 51.4



#19
n-Nitroso-di-n-propylamine
Concen: 52.16 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion: 70 Resp: 33658
Ion Ratio Lower Upper
70 100
42 59.5 39.7 59.5
101 9.1 7.4 11.0
130 27.1 17.2 25.8#

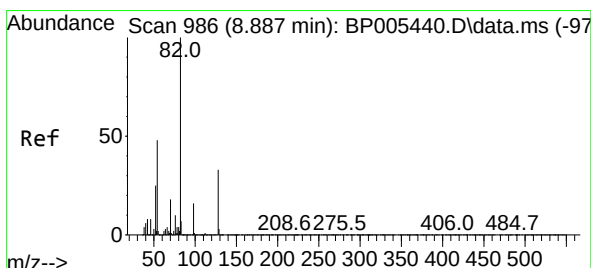
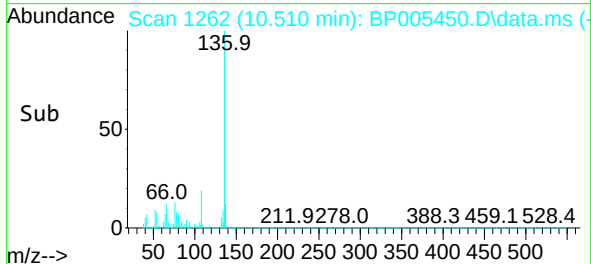
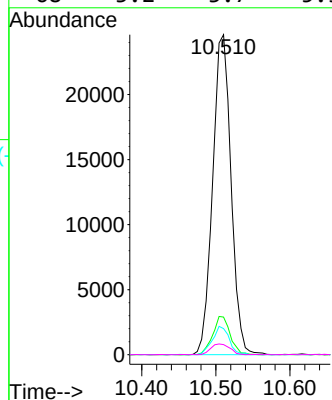
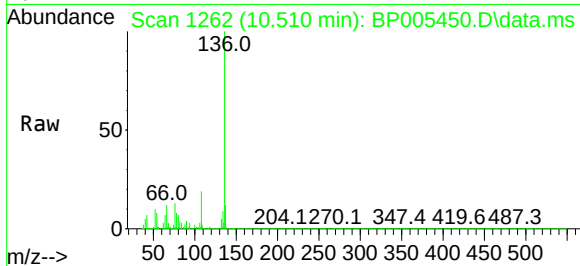




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.510 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

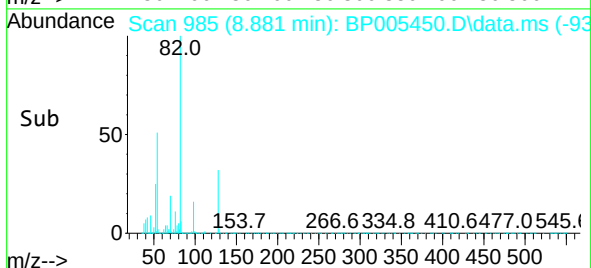
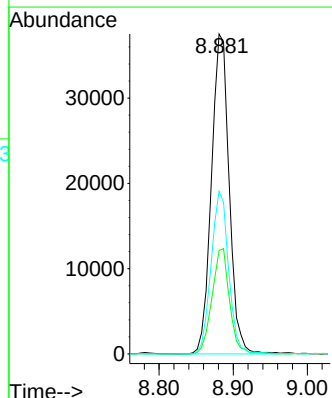
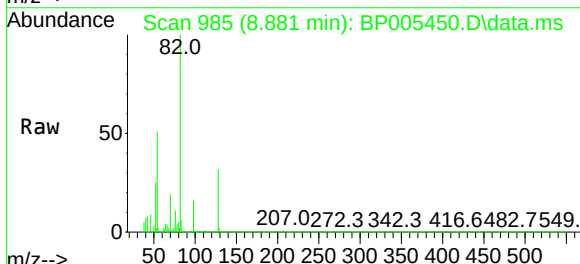
Instrument :
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ClientSampleId :
PT-BNA-SOIL

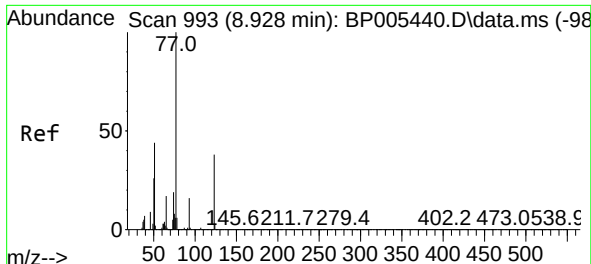
Tgt Ion:	136	Resp:	42347
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.9	13.3
54	8.1	5.0	7.4#
68	3.2	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 57.97 ng
RT: 8.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:	82	Resp:	62369
Ion Ratio	Lower	Upper	
82	100		
128	32.3	30.5	45.7
54	50.9	33.9	50.9

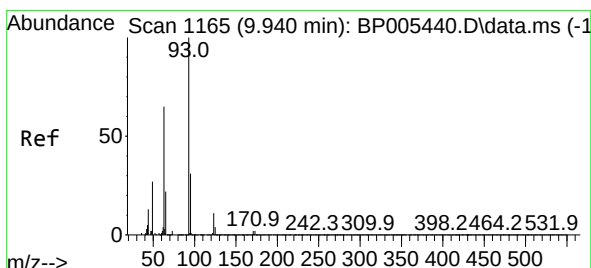
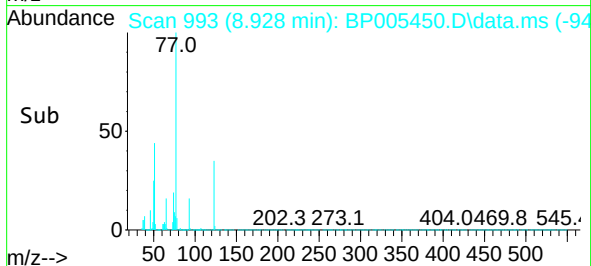
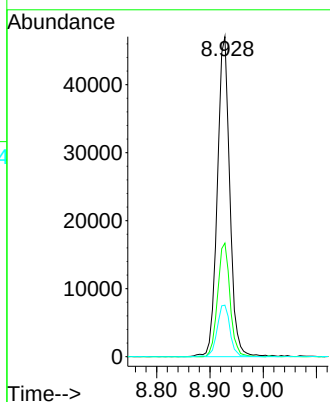
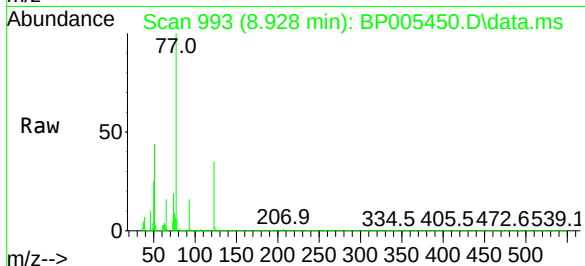




#24
Nitrobenzene
Concen: 70.64 ng
RT: 8.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

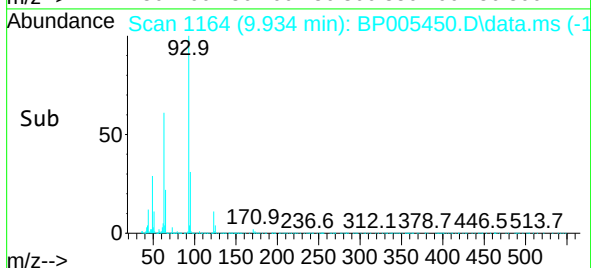
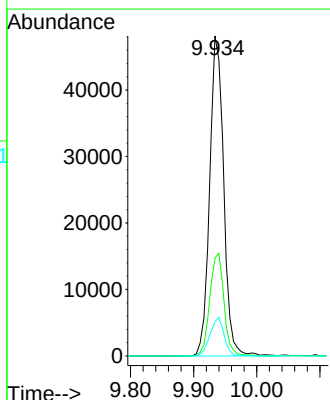
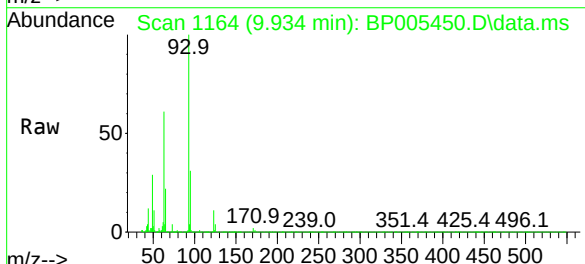
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

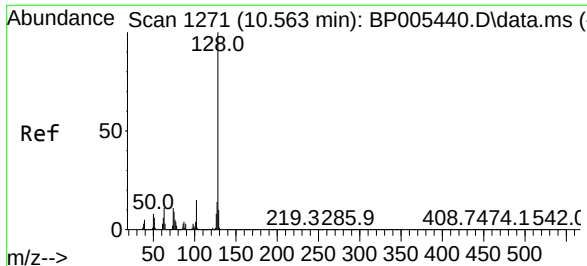
Tgt Ion: 77 Resp: 76239
Ion Ratio Lower Upper
77 100
123 35.5 31.7 47.5
65 16.1 11.5 17.3



#28
bis(2-Chloroethoxy)methane
Concen: 106.34 ng
RT: 9.934 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion: 93 Resp: 74171
Ion Ratio Lower Upper
93 100
95 30.6 24.9 37.3
123 10.6 9.5 14.3

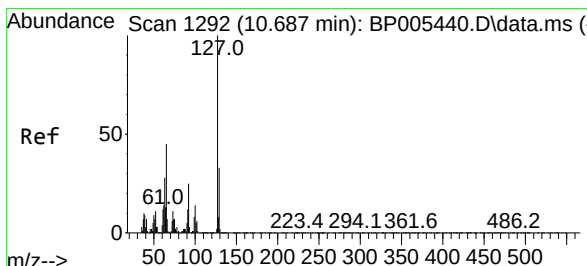
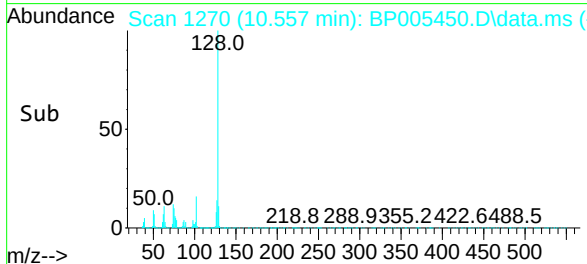
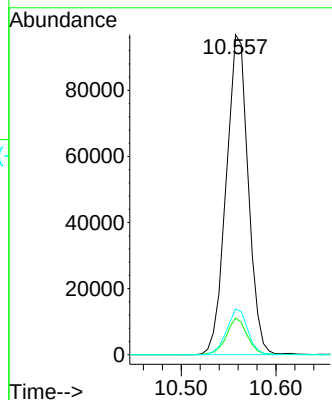
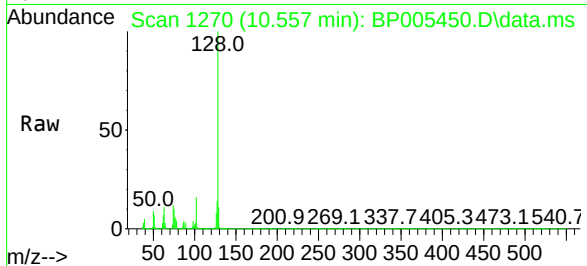




#31
Naphthalene
Concen: 68.54 ng
RT: 10.557 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

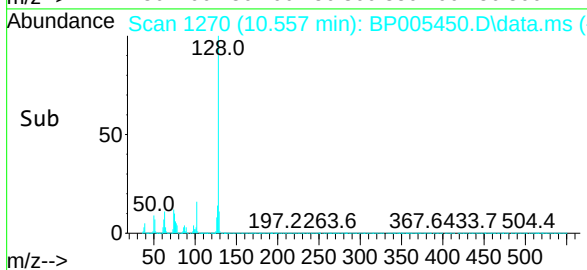
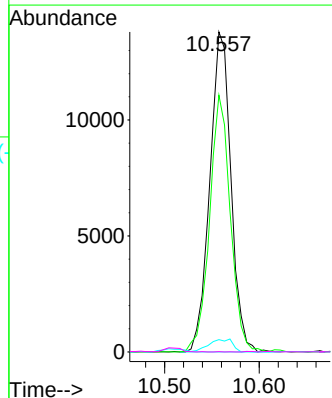
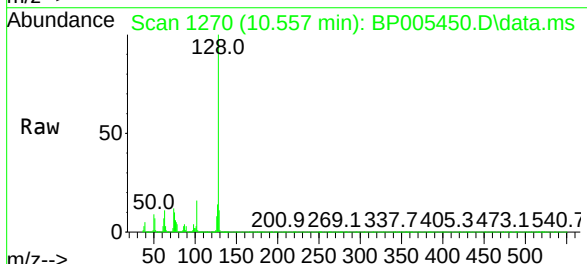
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

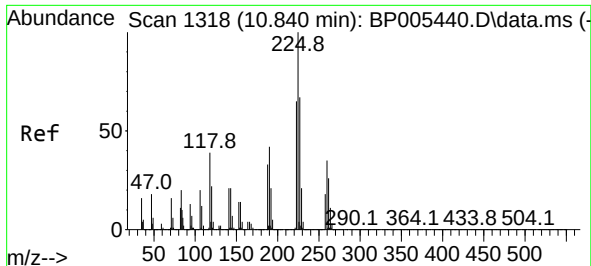
Tgt Ion:	128	Resp:	156087
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.0	12.0
127	14.2	11.1	16.7



#33
4-Chloroaniline
Concen: 24.12 ng
RT: 10.557 min Scan# 1270
Delta R.T. -0.129 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:	127	Resp:	21393
Ion Ratio	Lower	Upper	
127	100		
129	80.3	25.5	38.3#
65	3.8	30.0	45.0#
92	0.1	20.2	30.2#

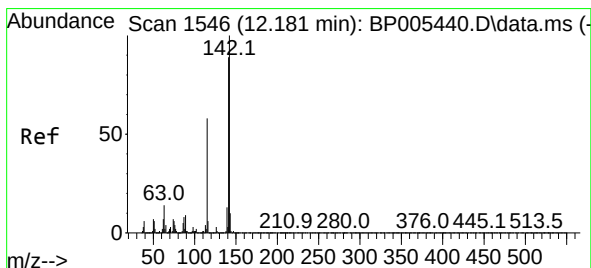
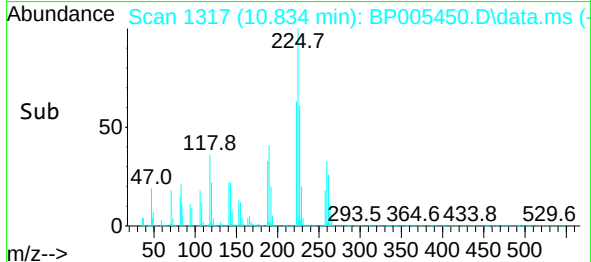
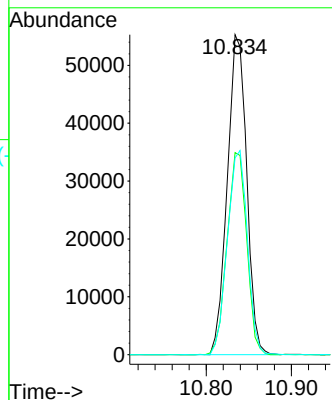
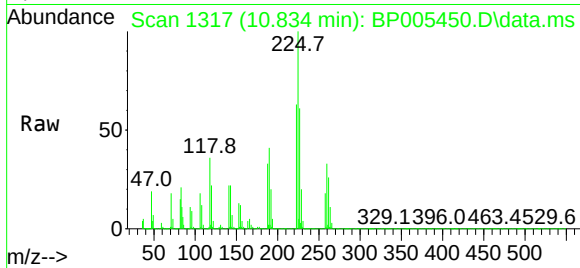




#34
Hexachlorobutadiene
Concen: 87.29 ng
RT: 10.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

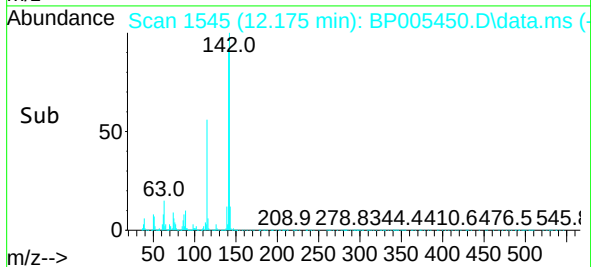
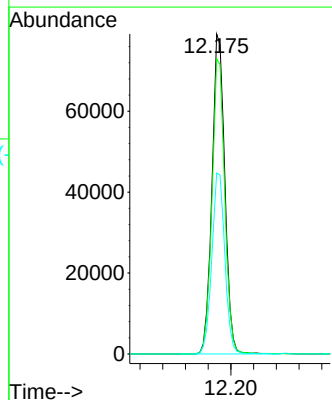
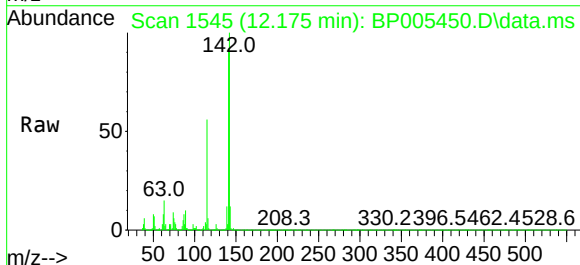
Instrument :
BNA_P
ClientSampled :
PT-BNA-SOIL

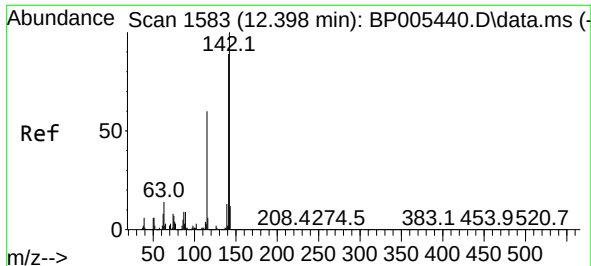
Tgt Ion:225 Resp: 87351
Ion Ratio Lower Upper
225 100
223 60.1 51.1 76.7
227 58.5 50.2 75.2



#37
2-Methylnaphthalene
Concen: 67.50 ng
RT: 12.175 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:142 Resp: 123298
Ion Ratio Lower Upper
142 100
141 92.3 74.7 112.1
115 56.5 43.8 65.8

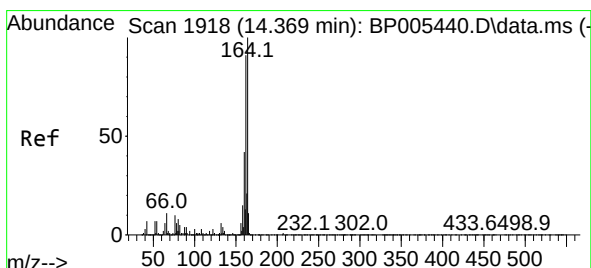
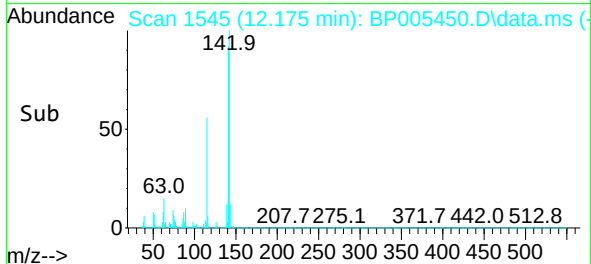
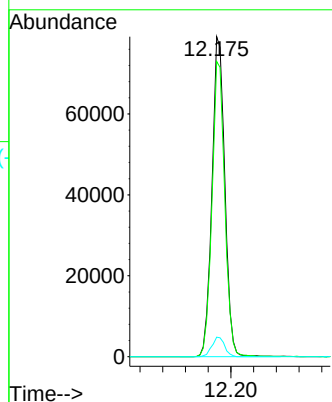
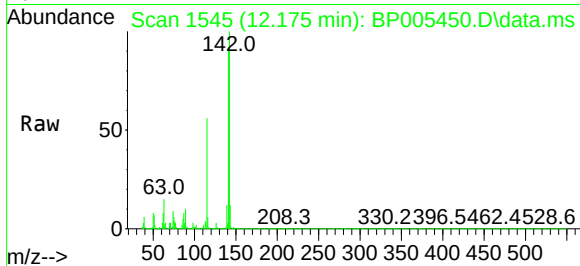




#38
1-Methylnaphthalene
Concen: 71.50 ng
RT: 12.175 min Scan# 1545
Delta R.T. -0.223 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

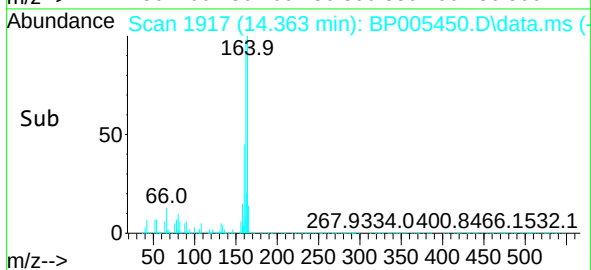
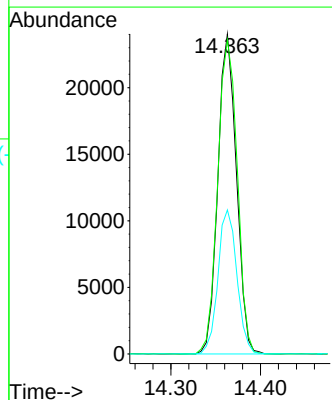
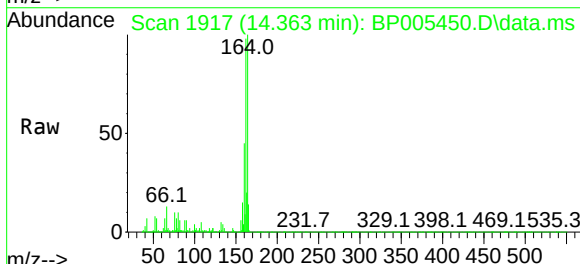
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

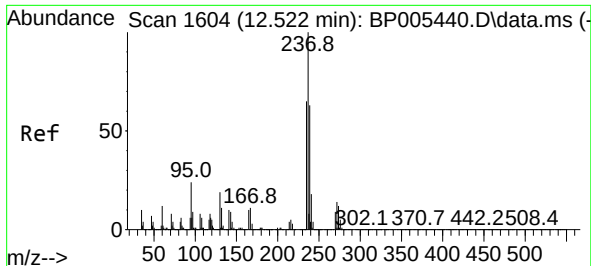
Tgt Ion:142 Resp: 123298
Ion Ratio Lower Upper
142 100
141 92.3 77.0 115.6
116 6.1 5.0 7.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:164 Resp: 34463
Ion Ratio Lower Upper
164 100
162 98.3 73.5 110.3
160 45.0 40.6 61.0

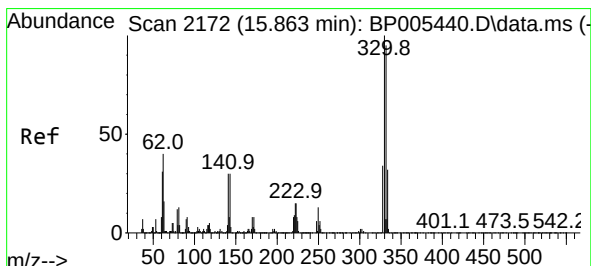
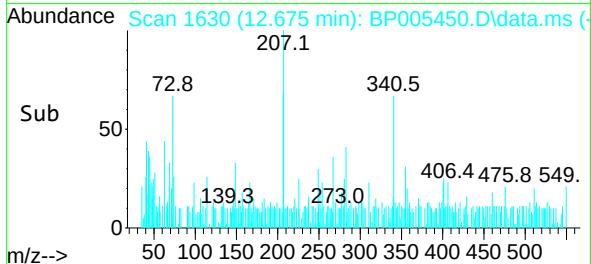
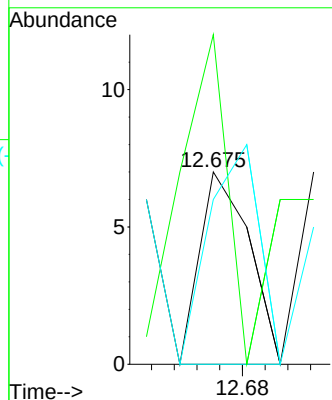
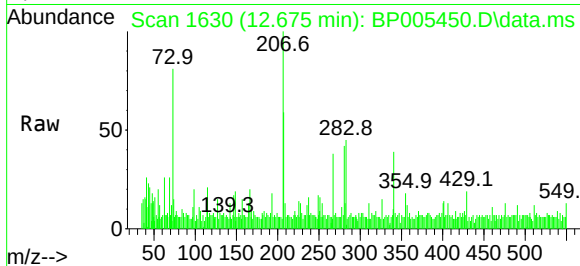




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.675 min Scan# 1630
Delta R.T. 0.153 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

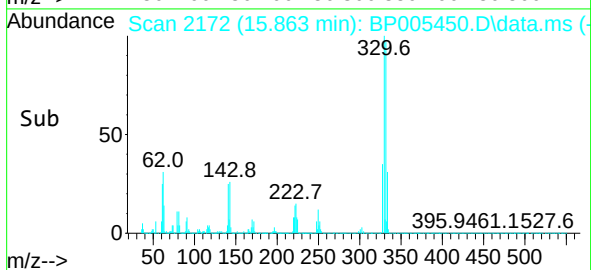
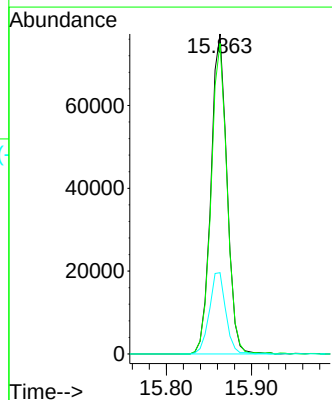
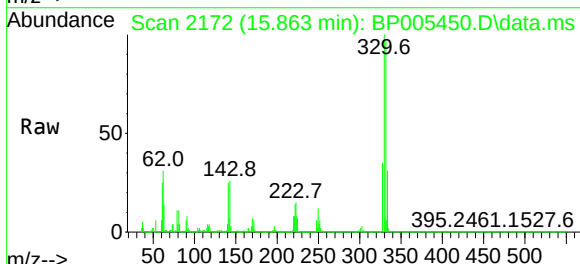
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

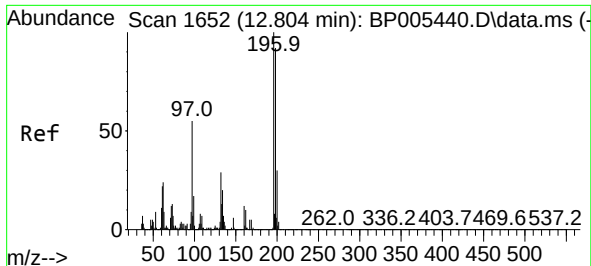
Tgt Ion:	237	Resp:	4
Ion	Ratio	Lower	Upper
237	100		
235	50.0	40.9	80.9
272	25.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 103.50 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:	330	Resp:	101216
Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.3	114.5
141	26.1	22.8	34.2

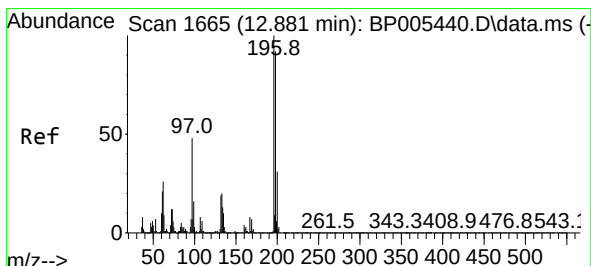
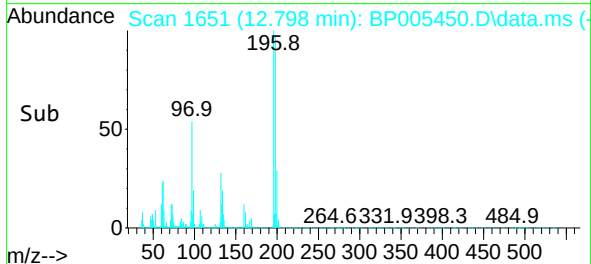
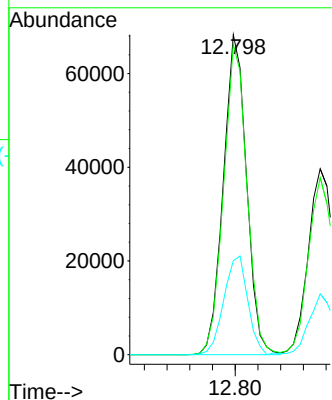
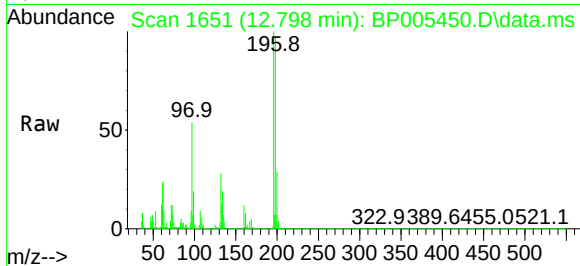




#43
2,4,6-Trichlorophenol
Concen: 97.69 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

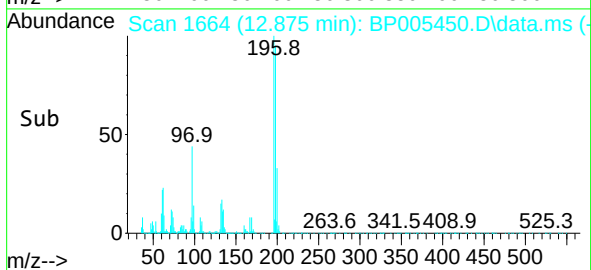
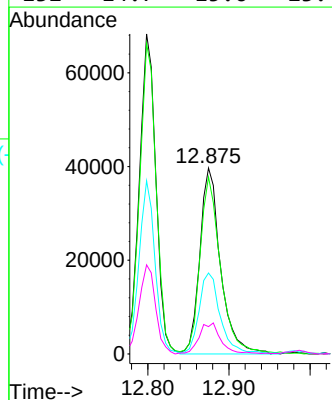
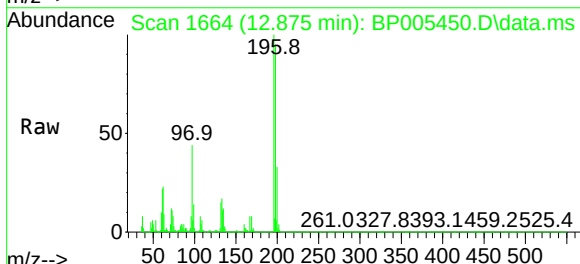
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

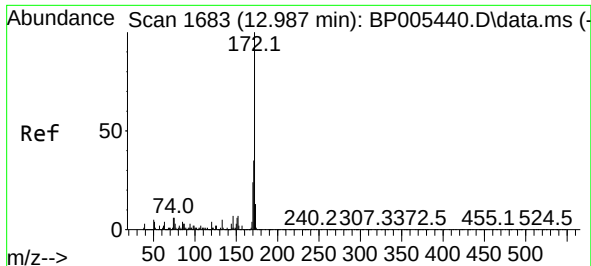
Tgt Ion:196 Resp: 96645
Ion Ratio Lower Upper
196 100
198 97.0 81.4 122.2
200 29.4 28.2 42.2



#44
2,4,5-Trichlorophenol
Concen: 65.99 ng
RT: 12.875 min Scan# 1664
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:196 Resp: 70450
Ion Ratio Lower Upper
196 100
198 95.2 71.0 106.4
97 43.6 38.5 57.7
132 14.7 15.6 23.4#

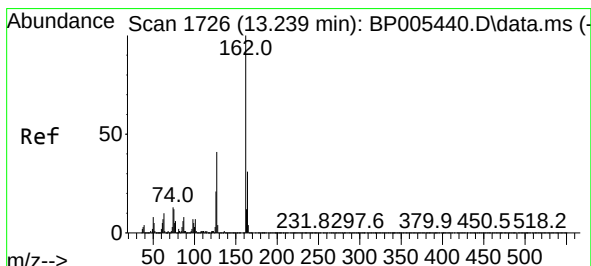
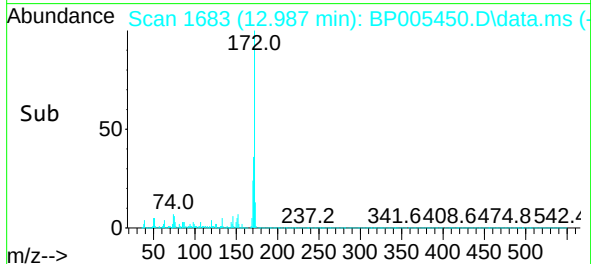
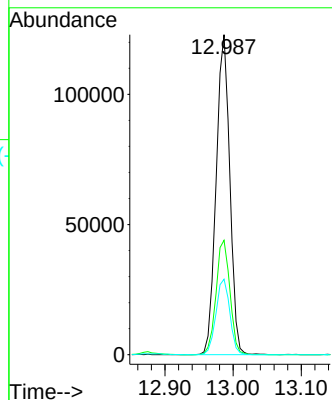
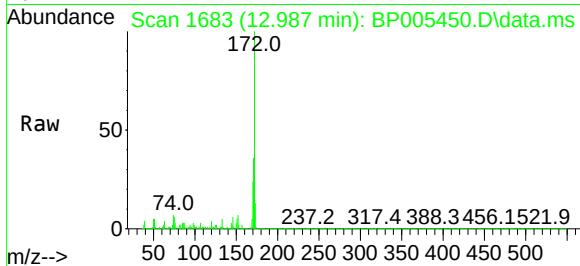




#45
2-Fluorobiphenyl
Concen: 56.04 ng
RT: 12.987 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

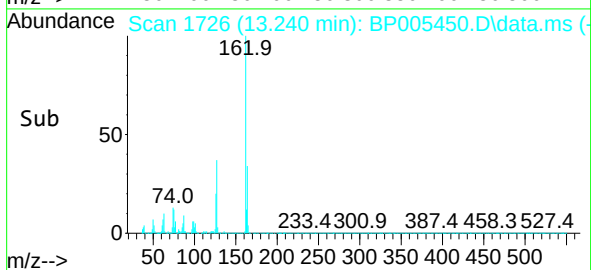
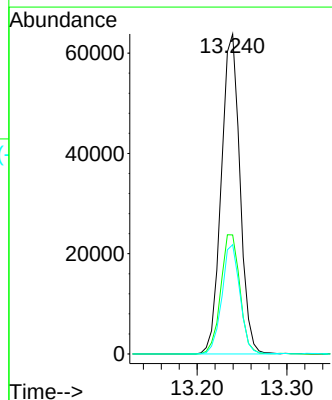
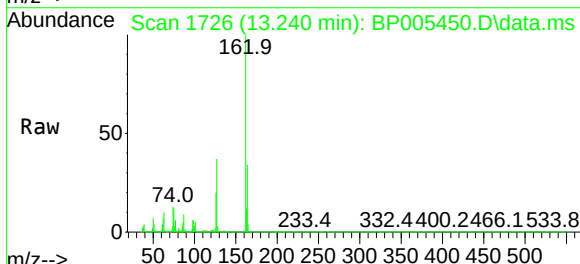
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

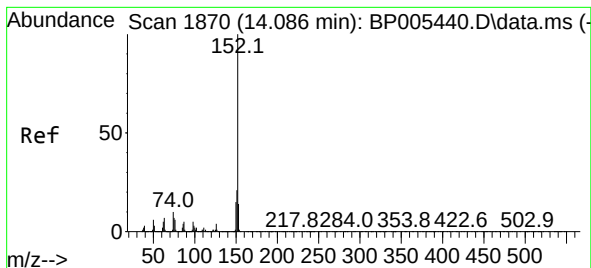
Tgt Ion:172	Resp:	171213
Ion Ratio	Lower	Upper
172	100	
171	35.7	28.1 42.1
170	23.6	19.6 29.4



#47
2-Chloronaphthalene
Concen: 41.58 ng
RT: 13.240 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:162	Resp:	91869
Ion Ratio	Lower	Upper
162	100	
127	37.2	31.4 47.0
164	34.1	26.6 39.8





#49

Acenaphthylene

Concen: 34.24 ng

RT: 14.087 min Scan# 1870

Delta R.T. 0.000 min

Lab File: BP005450.D

Acq: 06 May 2021 14:01

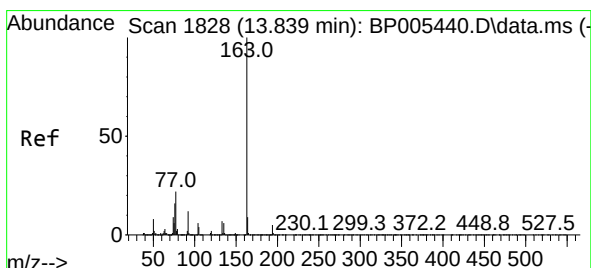
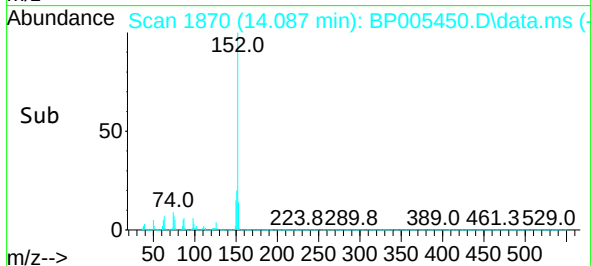
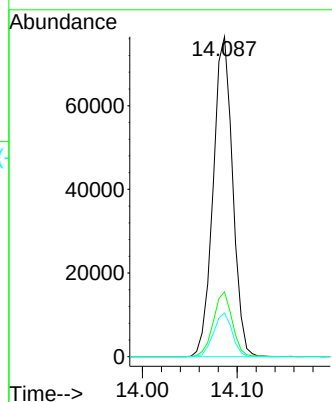
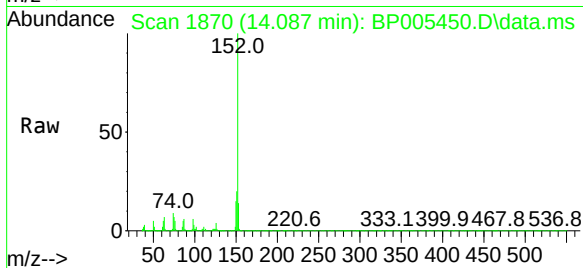
Tgt Ion:152 Resp: 109000

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.6

153 13.7 10.5 15.7



#50

Dimethylphthalate

Concen: 95.51 ng

RT: 13.834 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BP005450.D

Acq: 06 May 2021 14:01

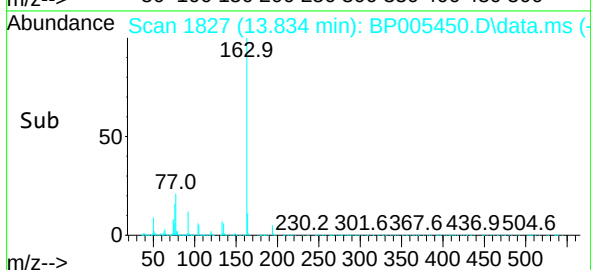
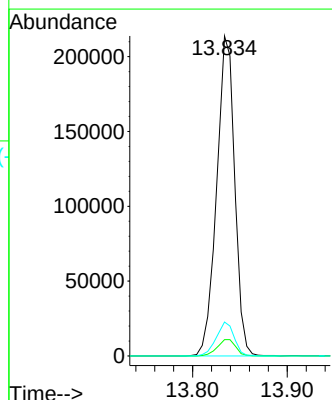
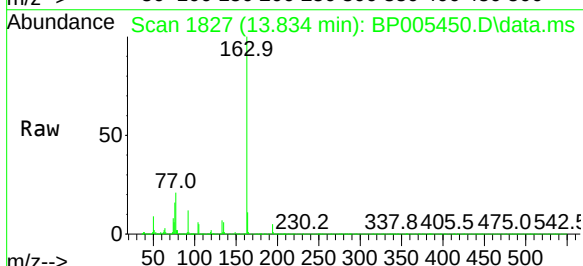
Tgt Ion:163 Resp: 284150

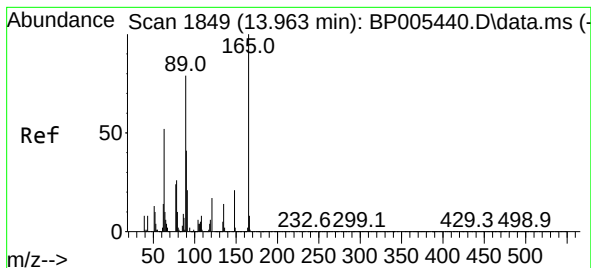
Ion Ratio Lower Upper

163 100

194 5.1 3.9 5.9

164 10.6 8.1 12.1

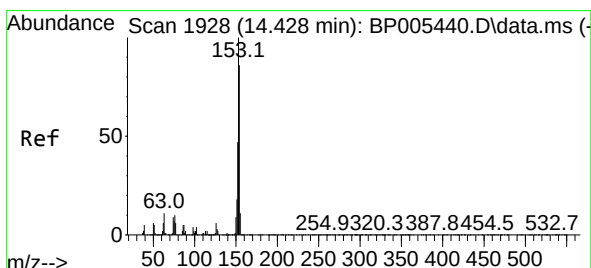
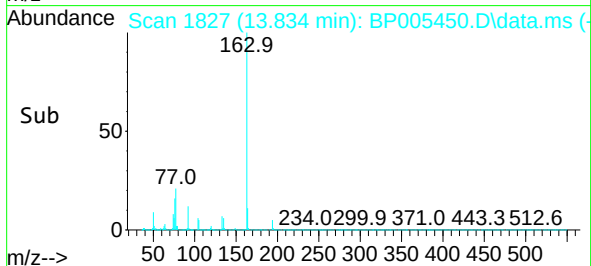
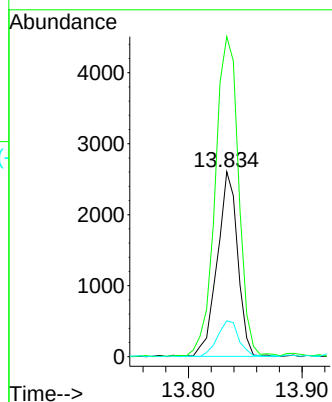
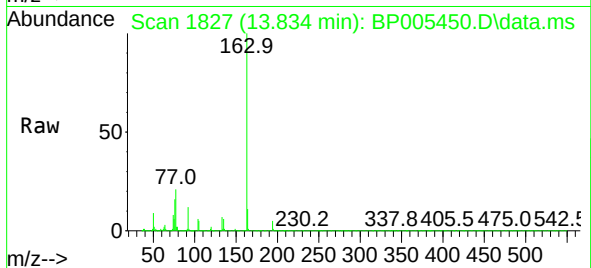




#51
2,6-Dinitrotoluene
Concen: 4.85 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.129 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

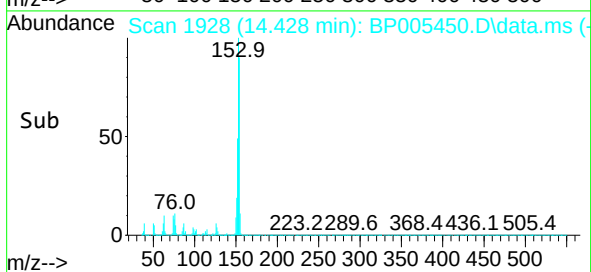
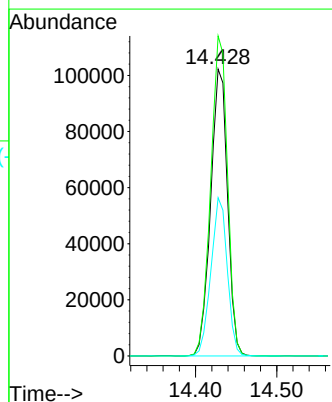
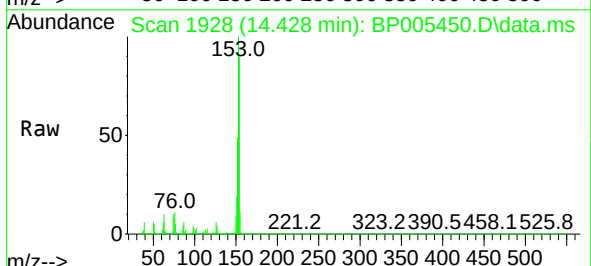
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

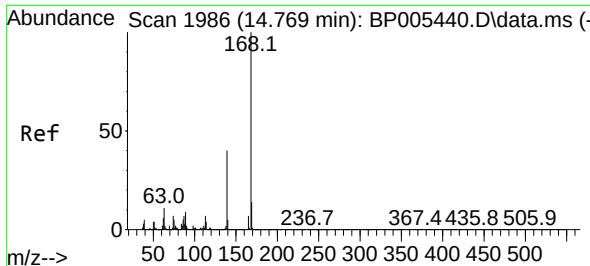
Tgt Ion:165 Resp: 3242
Ion Ratio Lower Upper
165 100
63 173.0 67.4 101.0#
89 19.3 73.8 110.6#



#52
Acenaphthene
Concen: 74.41 ng
RT: 14.428 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:154 Resp: 147350
Ion Ratio Lower Upper
154 100
153 111.6 90.9 136.3
152 55.2 48.5 72.7

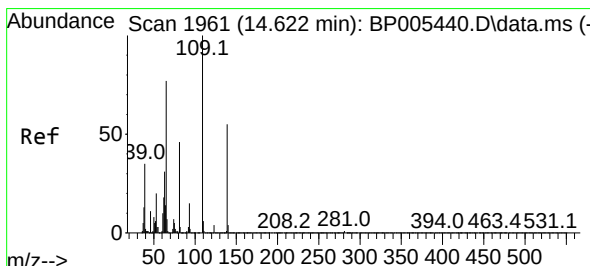
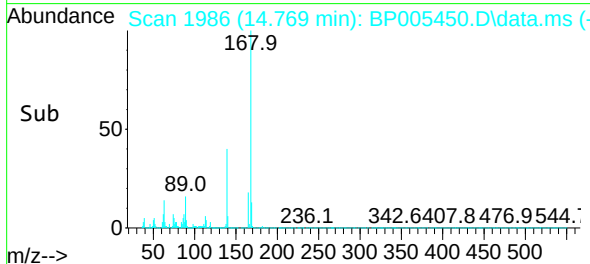
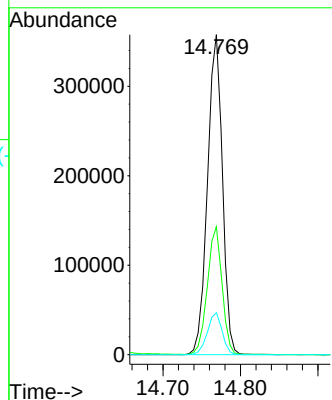
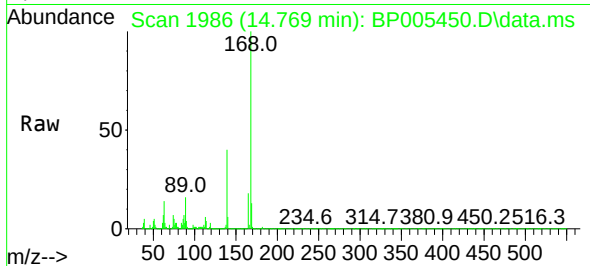




#55
Dibenzofuran
Concen: 128.32 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

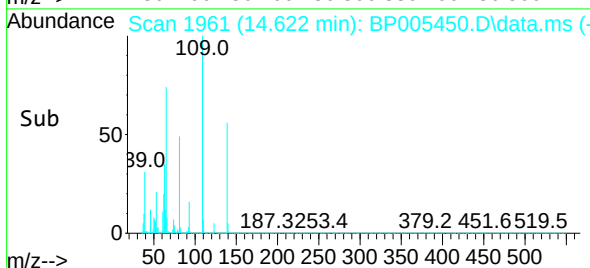
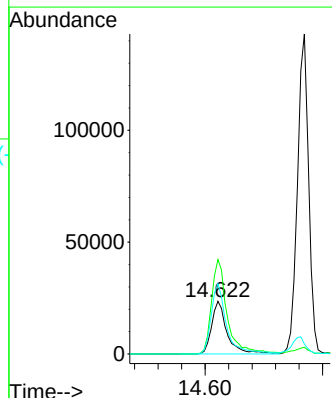
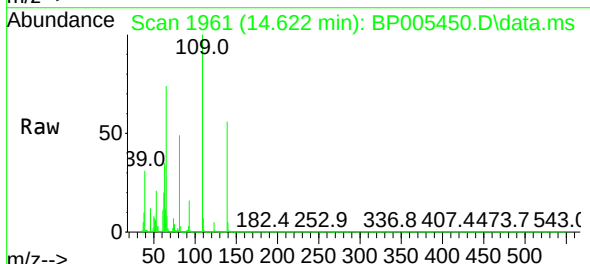
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

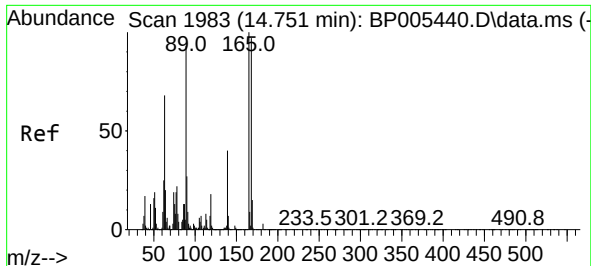
Tgt Ion:168 Resp: 477991
Ion Ratio Lower Upper
168 100
139 40.0 31.4 47.0
169 13.1 11.4 17.0



#56
4-Nitrophenol
Concen: 119.09 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:139 Resp: 43025
Ion Ratio Lower Upper
139 100
109 179.7 122.8 162.8#
65 133.5 110.0 150.0

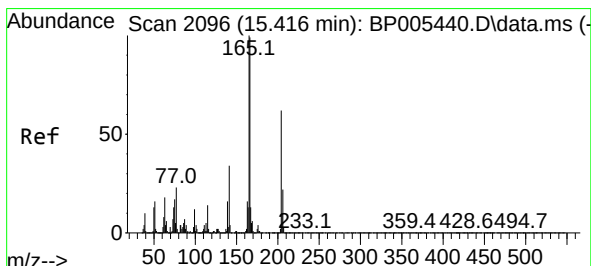
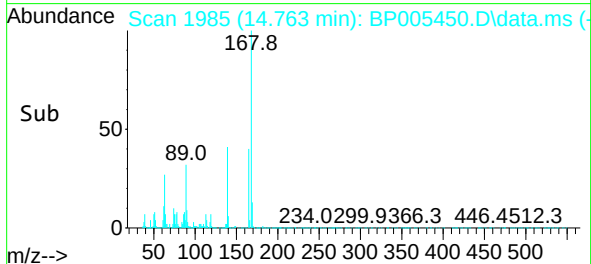
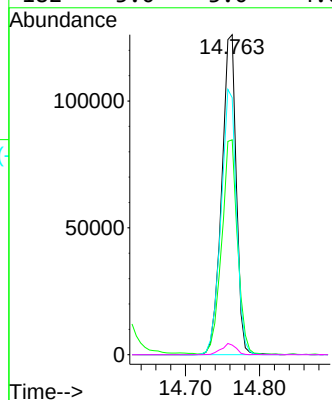
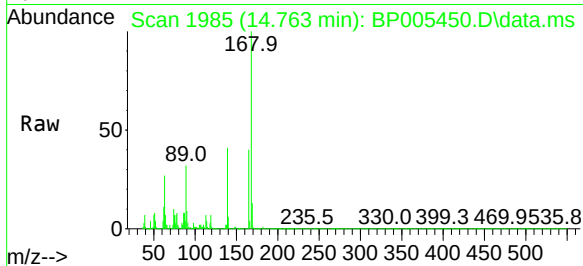




#57
2,4-Dinitrotoluene
Concen: 175.11 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

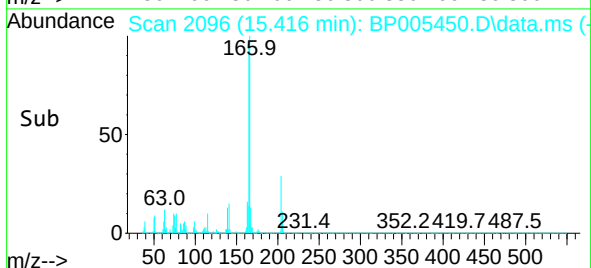
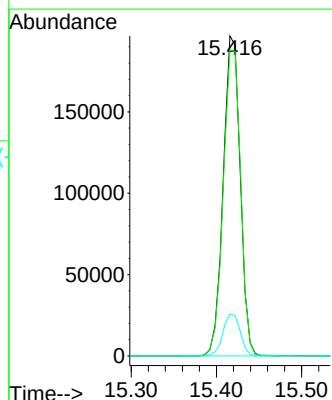
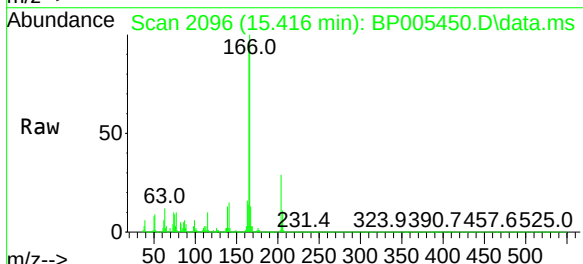
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

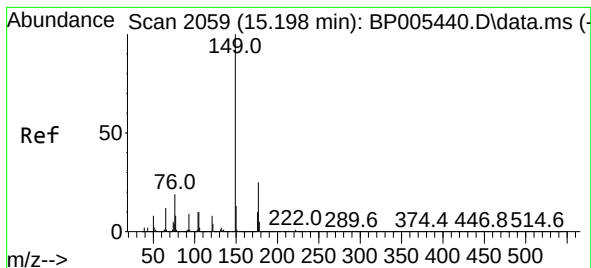
Tgt Ion:165 Resp: 172473
Ion Ratio Lower Upper
165 100
63 67.1 56.7 85.1
89 80.3 85.8 128.6#
182 3.0 3.0 4.6#



#58
Fluorene
Concen: 89.65 ng
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:166 Resp: 272670
Ion Ratio Lower Upper
166 100
165 95.6 78.8 118.2
167 13.1 10.9 16.3

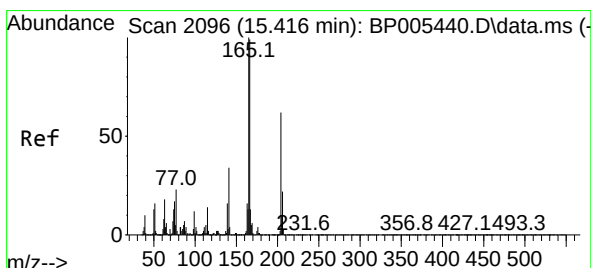
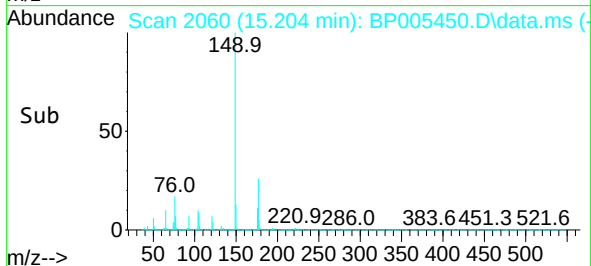
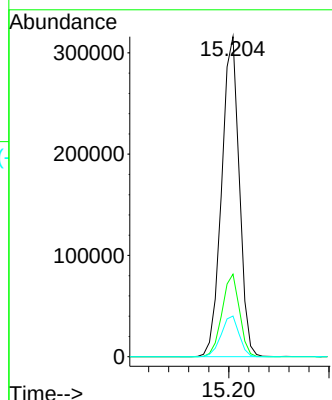
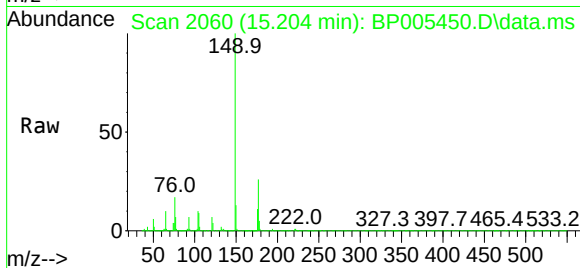




#60
Diethylphthalate
Concen: 133.32 ng
RT: 15.204 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

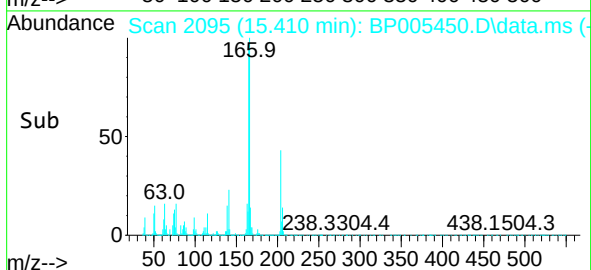
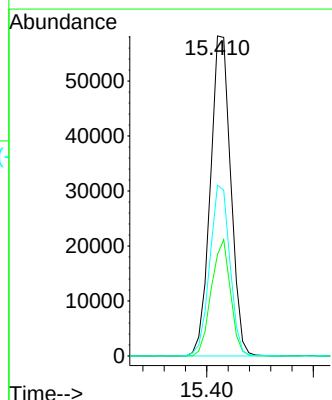
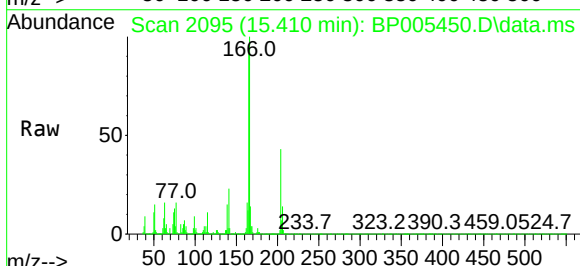
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

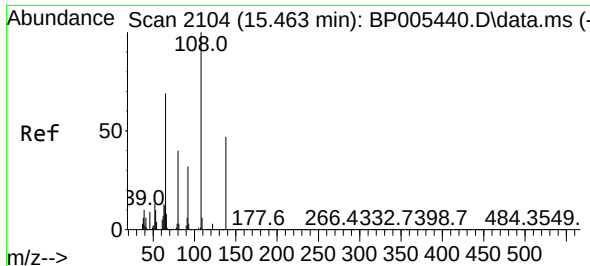
Tgt Ion:149 Resp: 384178
Ion Ratio Lower Upper
149 100
177 25.8 19.2 28.8
150 12.7 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 40.77 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:204 Resp: 77593
Ion Ratio Lower Upper
204 100
206 31.7 26.0 39.0
141 53.3 44.2 66.2

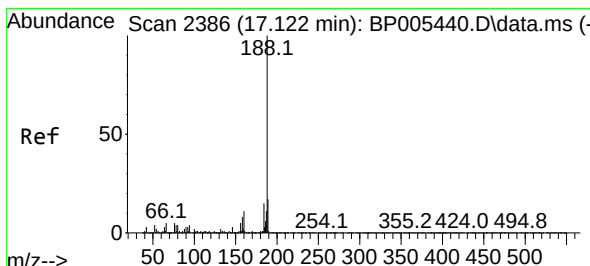
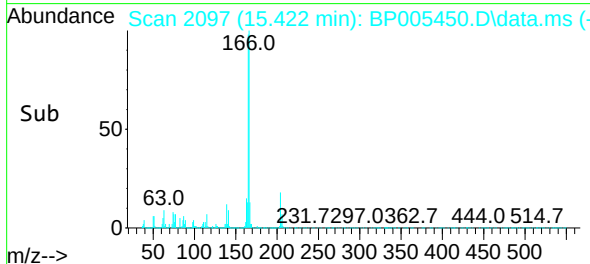
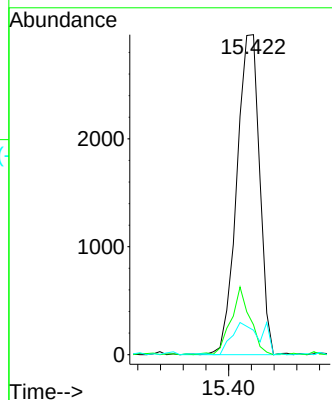
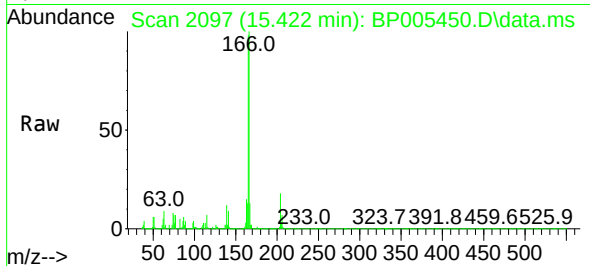




#62
4-Nitroaniline
Concen: 8.98 ng
RT: 15.422 min Scan# 2097
Delta R.T. -0.041 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

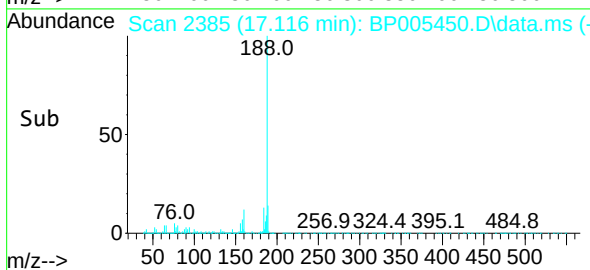
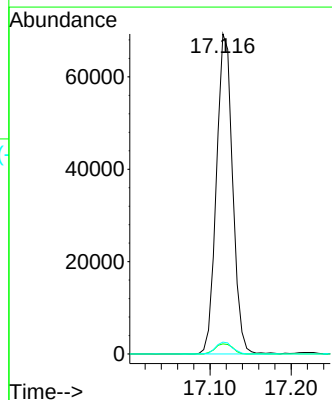
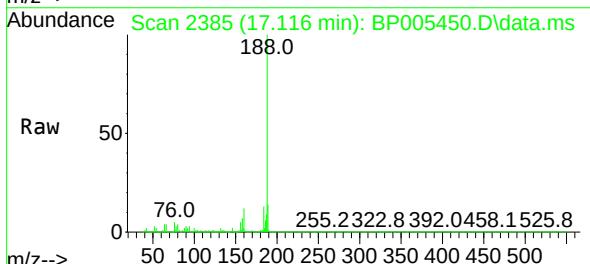
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

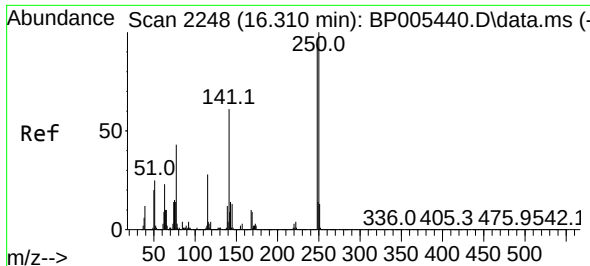
Tgt Ion:138 Resp: 4128
Ion Ratio Lower Upper
138 100
92 9.3 50.9 90.9#
108 7.7 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:188 Resp: 96080
Ion Ratio Lower Upper
188 100
94 3.3 5.0 7.6#
80 3.7 5.9 8.9#

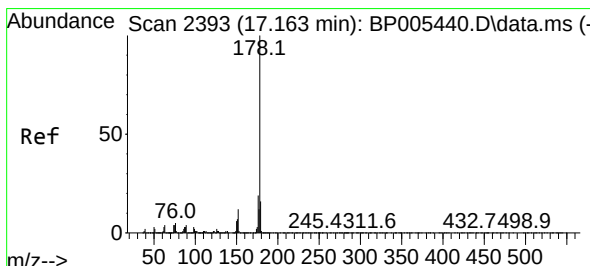
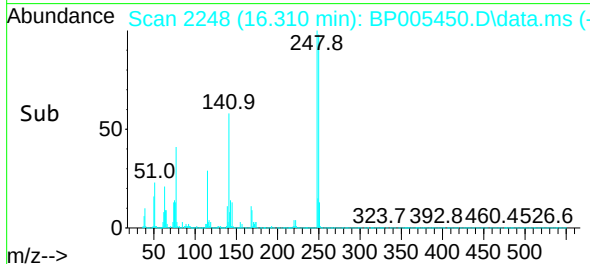
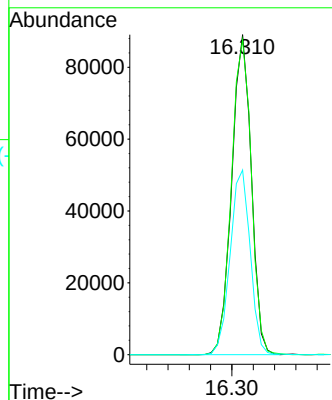
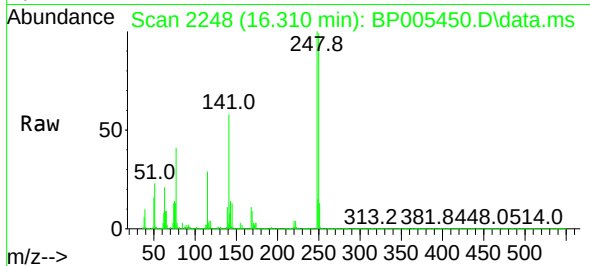




#67
4-Bromophenyl-phenylether
Concen: 75.72 ng
RT: 16.310 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

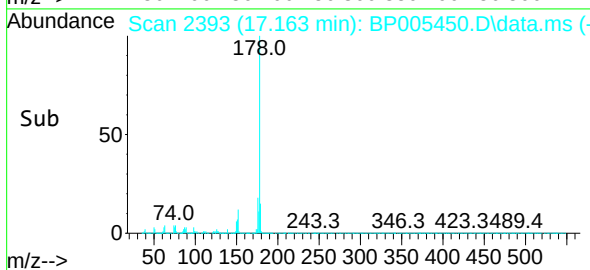
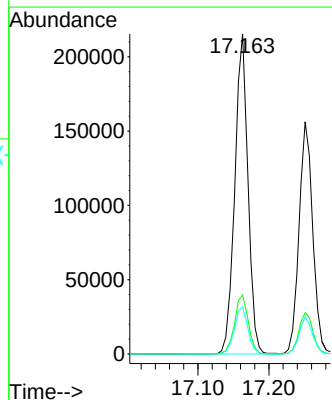
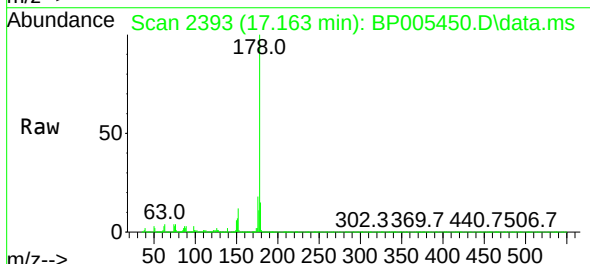
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

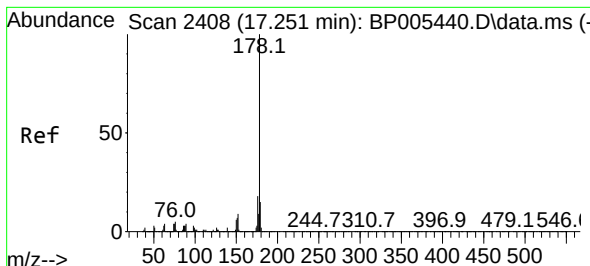
Tgt Ion:248 Resp: 113565
Ion Ratio Lower Upper
248 100
250 98.5 77.5 116.3
141 57.7 50.1 75.1



#71
Phenanthrene
Concen: 50.84 ng
RT: 17.163 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:178 Resp: 277564
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 14.8 12.3 18.5

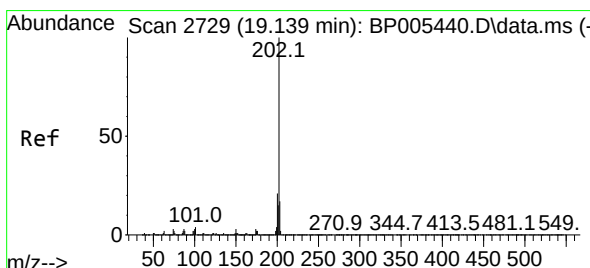
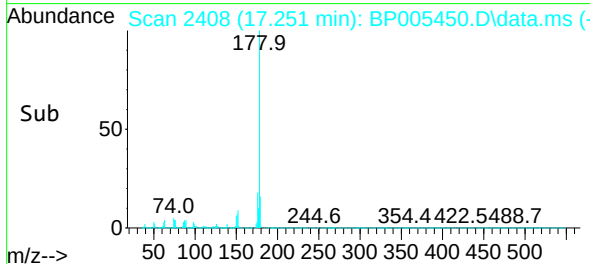
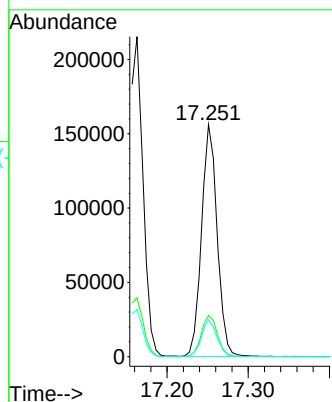
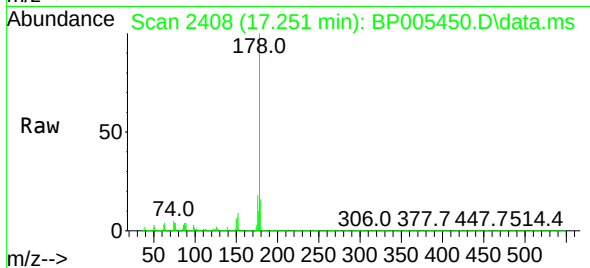




#72
 Anthracene
 Concen: 38.51 ng
 RT: 17.251 min Scan# 2408
 Delta R.T. 0.000 min
 Lab File: BP005450.D
 Acq: 06 May 2021 14:01

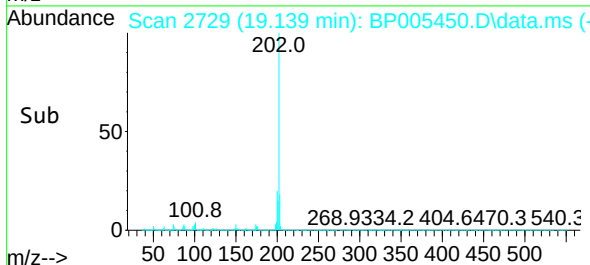
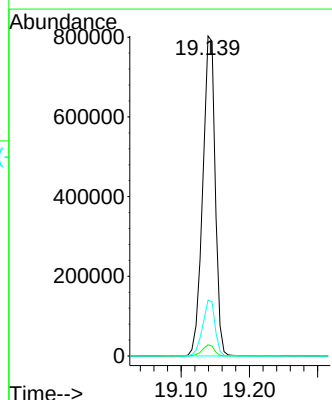
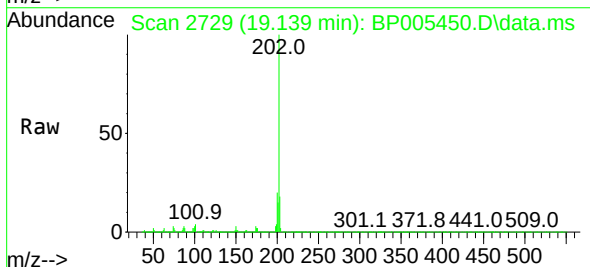
Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOIL

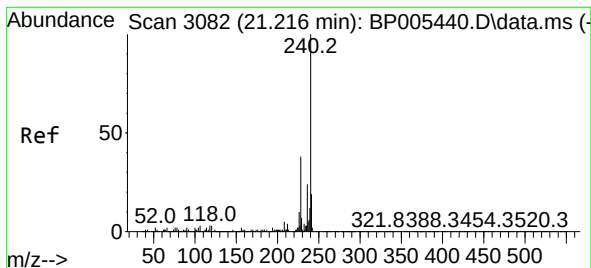
Tgt Ion:178 Resp: 208659
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.2 22.8
 179 15.9 12.6 19.0



#75
 Fluoranthene
 Concen: 135.94 ng
 RT: 19.139 min Scan# 2729
 Delta R.T. 0.000 min
 Lab File: BP005450.D
 Acq: 06 May 2021 14:01

Tgt Ion:202 Resp: 1020842
 Ion Ratio Lower Upper
 202 100
 101 3.5 0.0 26.1
 203 17.5 0.0 37.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.216 min Scan# 3082

Delta R.T. 0.000 min

Lab File: BP005450.D

Acq: 06 May 2021 14:01

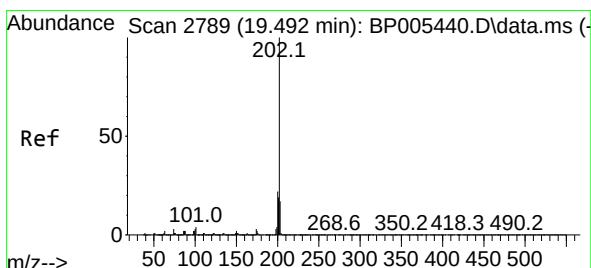
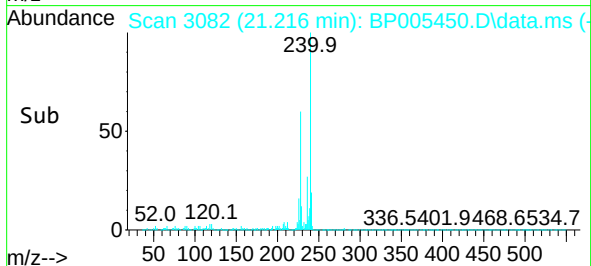
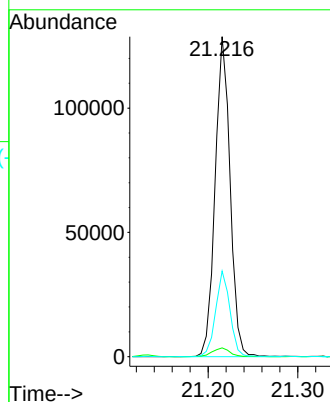
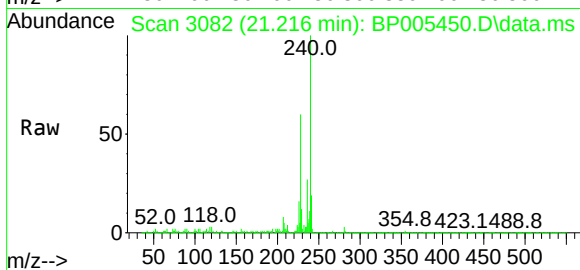
Tgt Ion:240 Resp: 149019

Ion Ratio Lower Upper

240 100

120 2.8 4.2 6.2#

236 26.8 20.2 30.2



#78

Pyrene

Concen: 103.32 ng

RT: 19.492 min Scan# 2789

Delta R.T. 0.000 min

Lab File: BP005450.D

Acq: 06 May 2021 14:01

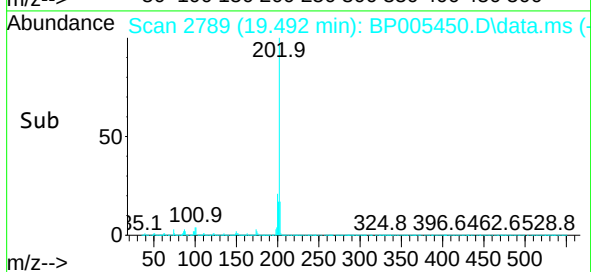
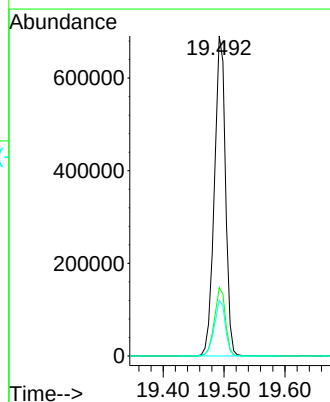
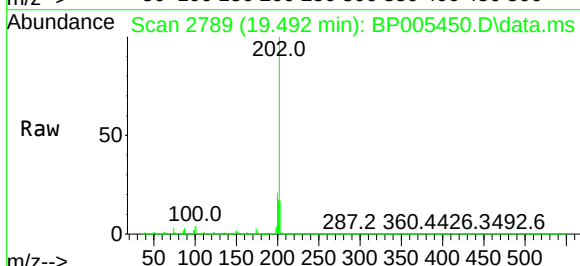
Tgt Ion:202 Resp: 871720

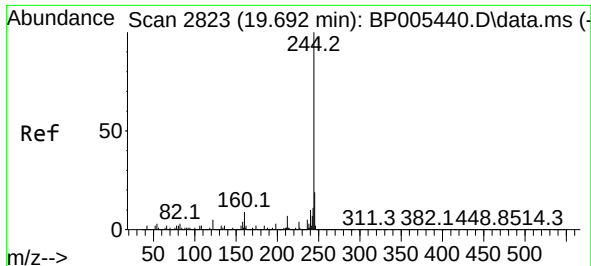
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.4 13.8 20.6

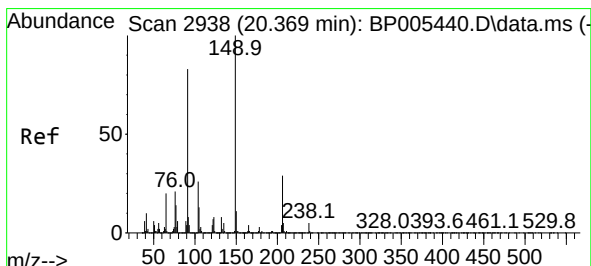
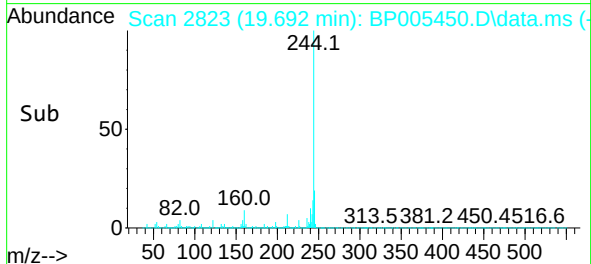
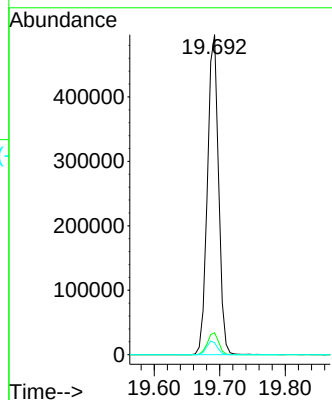
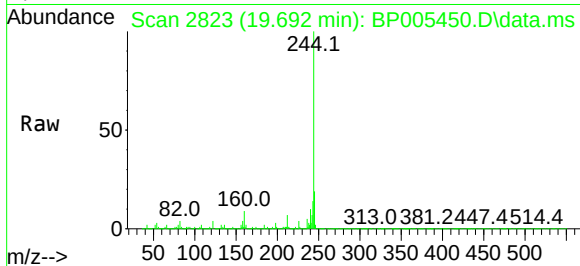




#79
Terphenyl-d14
Concen: 66.72 ng
RT: 19.692 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

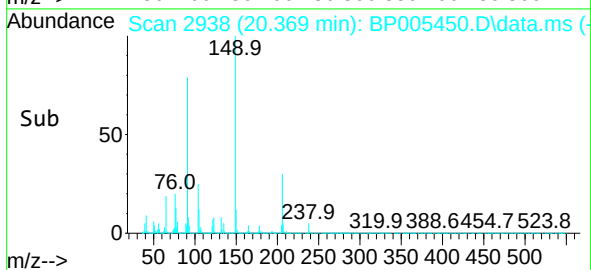
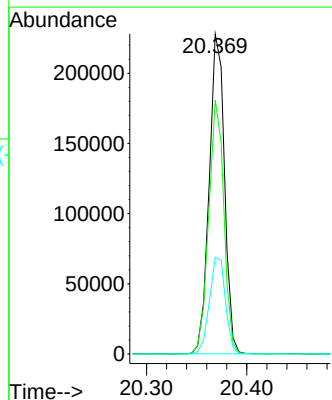
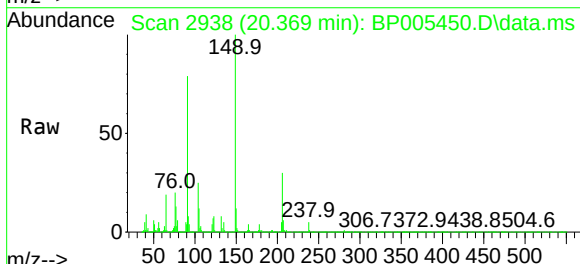
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

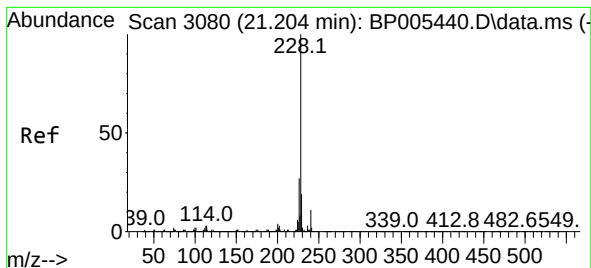
Tgt Ion:244 Resp: 585493
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 3.8 5.2 7.8#



#80
Butylbenzylphthalate
Concen: 88.53 ng
RT: 20.369 min Scan# 2938
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:149 Resp: 241316
Ion Ratio Lower Upper
149 100
91 79.4 60.2 90.4
206 30.3 23.9 35.9

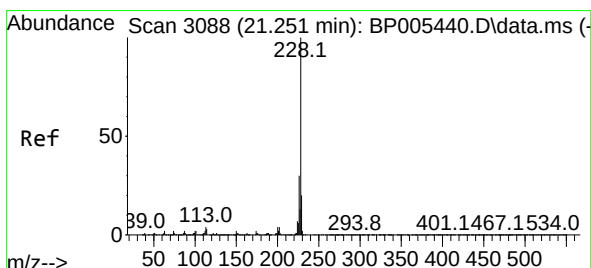
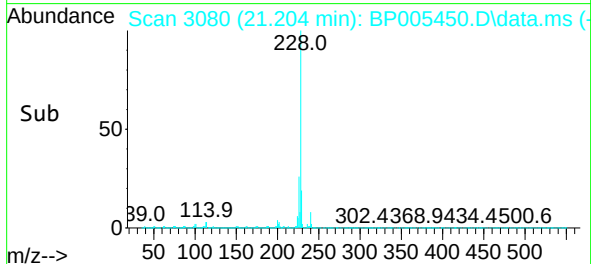
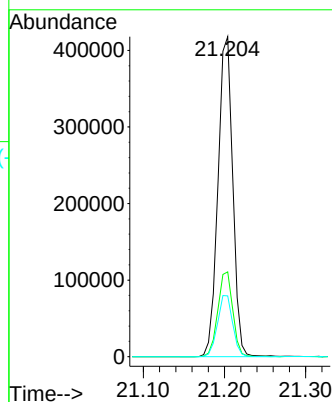
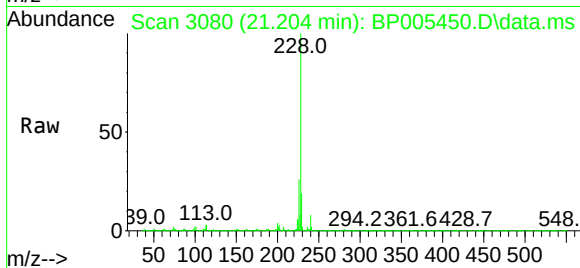




#81
Benzo(a)anthracene
Concen: 54.87 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

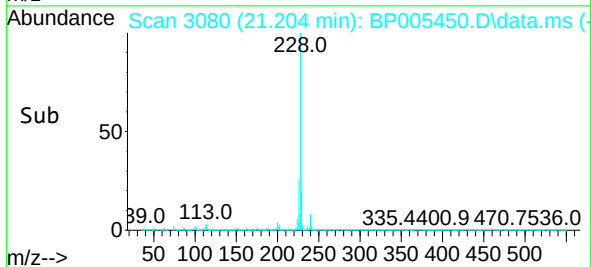
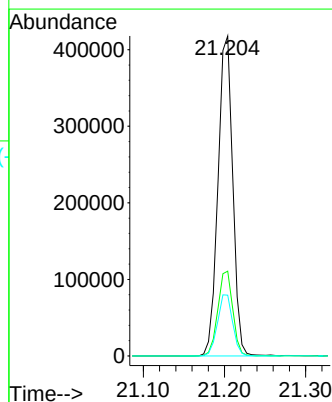
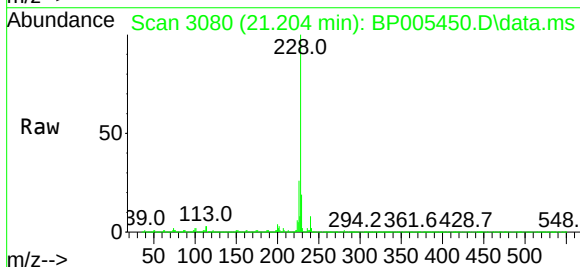
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

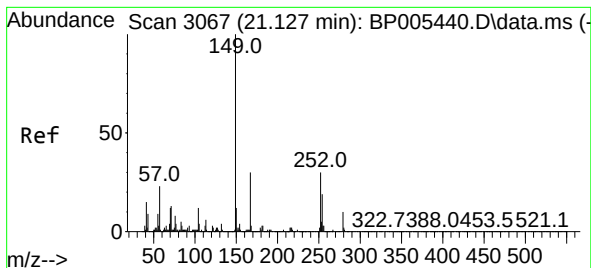
Tgt Ion:228 Resp: 529878
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.0 15.6 23.4



#83
Chrysene
Concen: 56.61 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.047 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:228 Resp: 529878
Ion Ratio Lower Upper
228 100
226 26.5 24.8 37.2
229 19.0 15.4 23.0

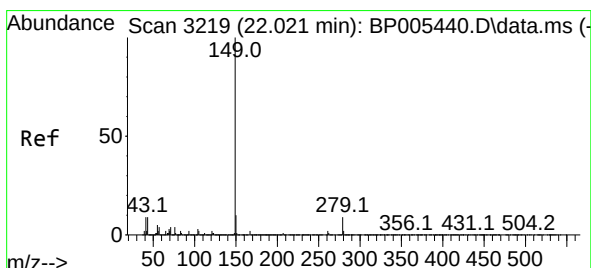
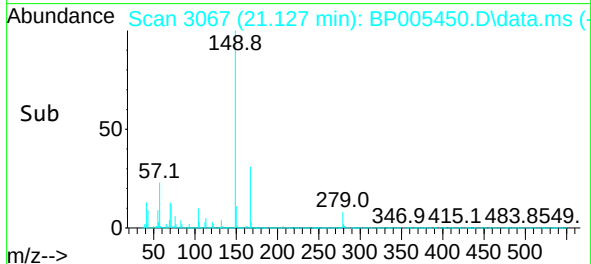
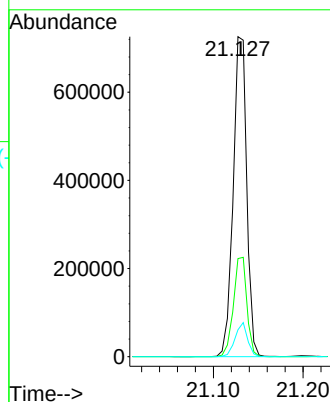
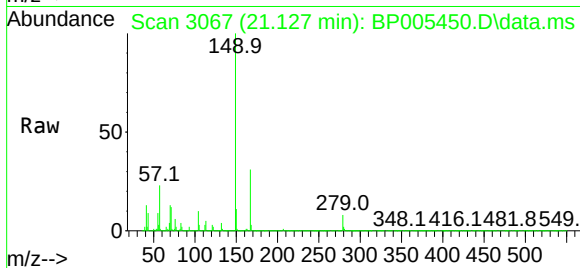




#84
Bis(2-ethylhexyl)phthalate
Concen: 182.96 ng
RT: 21.127 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

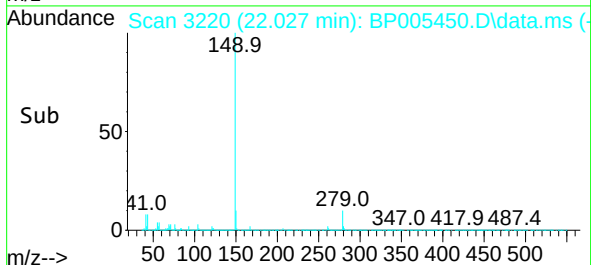
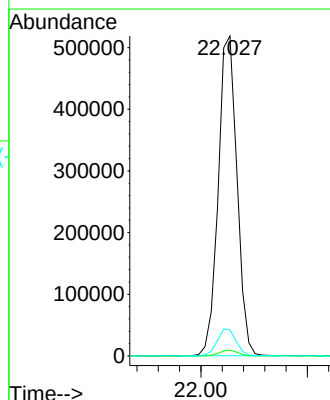
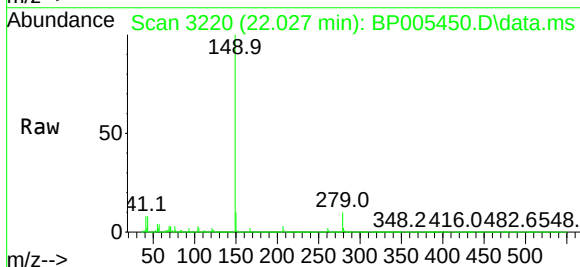
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

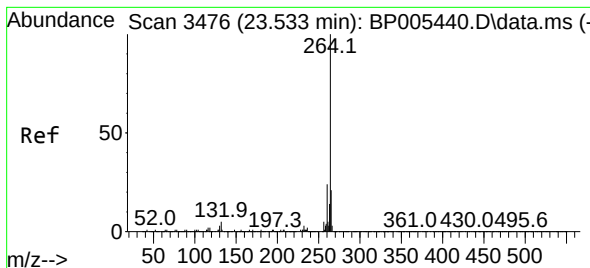
Tgt Ion:149 Resp: 762601
Ion Ratio Lower Upper
149 100
167 30.6 23.8 35.8
279 8.4 5.7 8.5



#85
Di-n-octyl phthalate
Concen: 90.44 ng
RT: 22.027 min Scan# 3220
Delta R.T. 0.006 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:149 Resp: 633166
Ion Ratio Lower Upper
149 100
167 1.8 1.5 2.3
43 8.5 5.1 7.7#

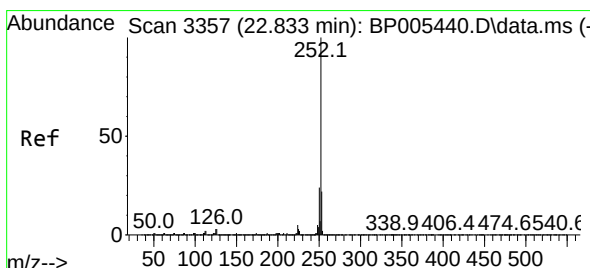
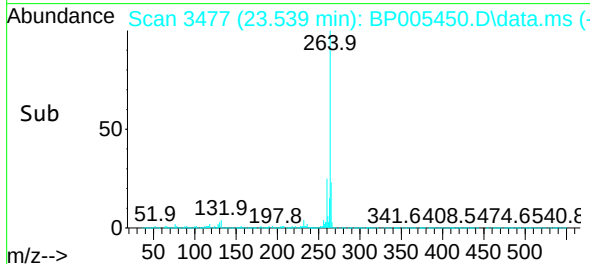
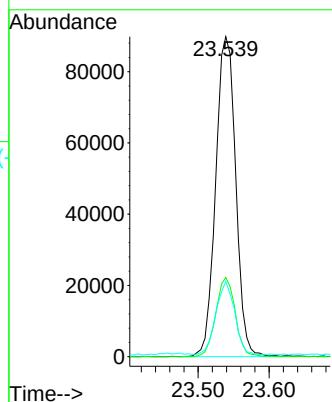
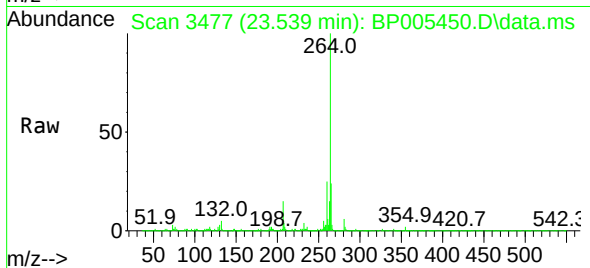




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.539 min Scan# 3477
 Delta R.T. 0.006 min
 Lab File: BP005450.D
 Acq: 06 May 2021 14:01

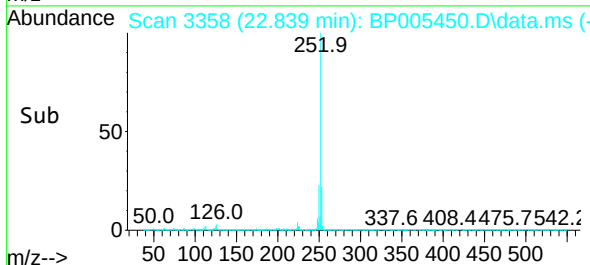
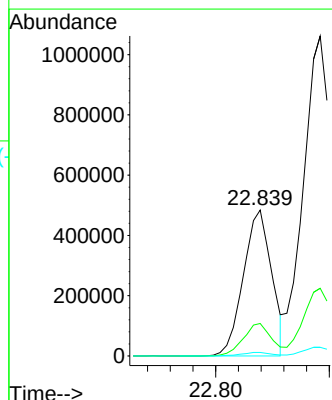
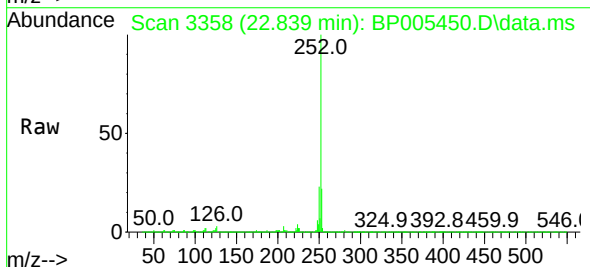
Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOIL

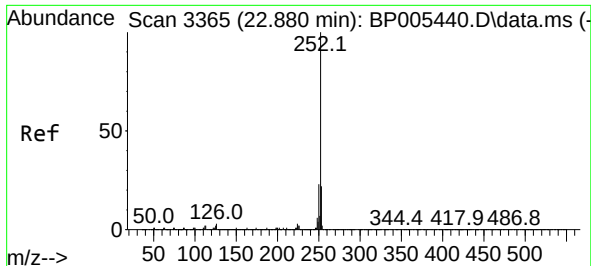
Tgt Ion:	264	Resp:	175692
Ion Ratio	Lower	Upper	
264	100		
260	24.8	20.6	30.8
265	23.5	19.0	28.6



#88
 Benzo(b)fluoranthene
 Concen: 71.26 ng
 RT: 22.839 min Scan# 3358
 Delta R.T. 0.006 min
 Lab File: BP005450.D
 Acq: 06 May 2021 14:01

Tgt Ion:	252	Resp:	834240
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	2.4	3.4	5.0#

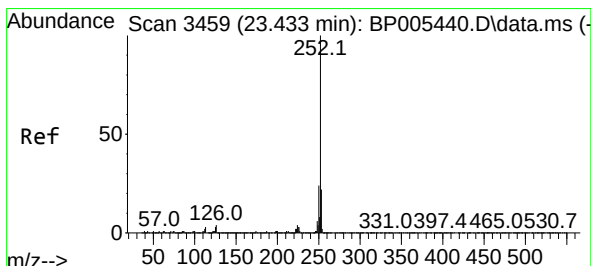
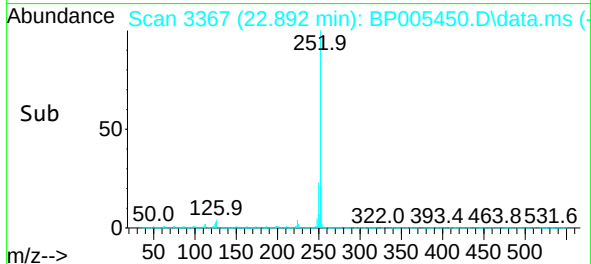
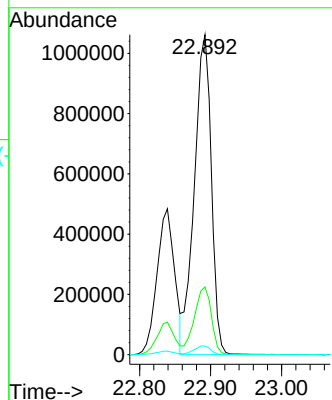
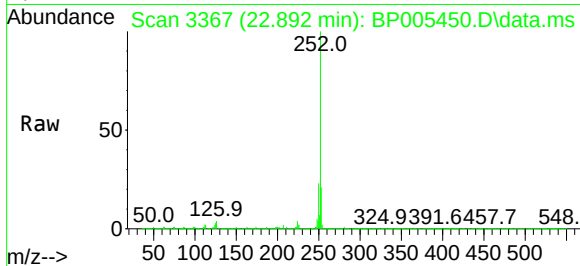




#89
Benzo(k)fluoranthene
Concen: 154.26 ng
RT: 22.892 min Scan# 3367
Delta R.T. 0.012 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:252 Resp: 1765954
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 2.7 3.8 5.6#



#90
Benzo(a)pyrene
Concen: 141.68 ng
RT: 23.451 min Scan# 3462
Delta R.T. 0.018 min
Lab File: BP005450.D
Acq: 06 May 2021 14:01

Tgt Ion:252 Resp: 1520388
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 3.0 3.8 5.6#

