

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050621\
 Data File : BP005451.D
 Acq On : 06 May 2021 15:01
 Operator : CG/JU
 Sample : M2214-12DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-BNA-SOILD

Quant Time: May 06 15:32:05 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	7.711	152	11509	20.00	ng	0.00
21) Naphthalene-d8	10.505	136	37287	20.00	ng	# 0.00
39) Acenaphthene-d10	14.363	164	31175	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	78663	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	112072	20.00	ng	# 0.00
86) Perylene-d12	23.533	264	137210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	10688	17.82	ng	0.00
7) Phenol-d6	6.905	99	13023	17.42	ng	0.00
23) Nitrobenzene-d5	8.881	82	11446	12.08	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	14373	16.25	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	30868	11.17	ng	0.00
79) Terphenyl-d14	19.686	244	88998	13.49	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.211	88	39	Below Cal	#	33
6) Aniline	7.152	93	8470	10.49	ng	# 60
9) Benzaldehyde	6.846	77	12	Below Cal	#	31
10) Phenol	6.928	94	13019	17.41	ng	# 41
11) bis(2-Chloroethyl)ether	7.152	93	8470	16.40	ng	87
12) 1,3-Dichlorobenzene	7.599	146	15388	17.96	ng	# 82
13) 1,4-Dichlorobenzene	7.599	146	15388	18.02	ng	93
19) n-Nitroso-di-n-propyla...	8.528	70	6172	11.27	ng	# 85
24) Nitrobenzene	8.922	77	14217	14.96	ng	# 89
28) bis(2-Chloroethoxy)met...	9.940	93	13808	22.48	ng	# 93
31) Naphthalene	10.558	128	28737	14.33	ng	# 94
33) 4-Chloroaniline	10.552	127	4063	5.20	ng	# 49
34) Hexachlorobutadiene	10.834	225	15881	18.02	ng	98
37) 2-Methylnaphthalene	12.175	142	22993	14.30	ng	89
38) 1-Methylnaphthalene	12.175	142	22993	15.14	ng	82
41) Hexachlorocyclopentadiene	12.599	237	5	7.88	ng	78
43) 2,4,6-Trichlorophenol	12.799	196	16138	18.03	ng	88
44) 2,4,5-Trichlorophenol	12.887	196	10327	10.69	ng	95
47) 2-Chloronaphthalene	13.234	162	16486	8.25	ng	95
49) Acenaphthylene	14.087	152	19323	6.71	ng	97
50) Dimethylphthalate	13.834	163	50092	18.61	ng	97
52) Acenaphthene	14.428	154	25702	14.35	ng	97
55) Dibenzofuran	14.763	168	73540	21.82	ng	96
56) 4-Nitrophenol	14.634	139	5566	17.03	ng	# 89
57) 2,4-Dinitrotoluene	14.757	165	26150	29.35	ng	90
58) Fluorene	15.416	166	43786	15.91	ng	97
60) Diethylphthalate	15.198	149	64009	24.56	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	12815	7.44	ng	97
67) 4-Bromophenyl-phenylether	16.310	248	18032	14.69	ng	98
71) Phenanthrene	17.157	178	47667	10.66	ng	99
72) Anthracene	17.257	178	34601	7.80	ng	95
75) Fluoranthene	19.139	202	152108	24.74	ng	96
78) Pyrene	19.492	202	132774	20.93	ng	99
80) Butylbenzylphthalate	20.369	149	35761	17.44	ng	93
81) Benzo(a)anthracene	21.198	228	82677	11.38	ng	97
83) Chrysene	21.198	228	82677	11.75	ng	97

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Misc :
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QLast Update : Wed May 05 19:00:25 2021
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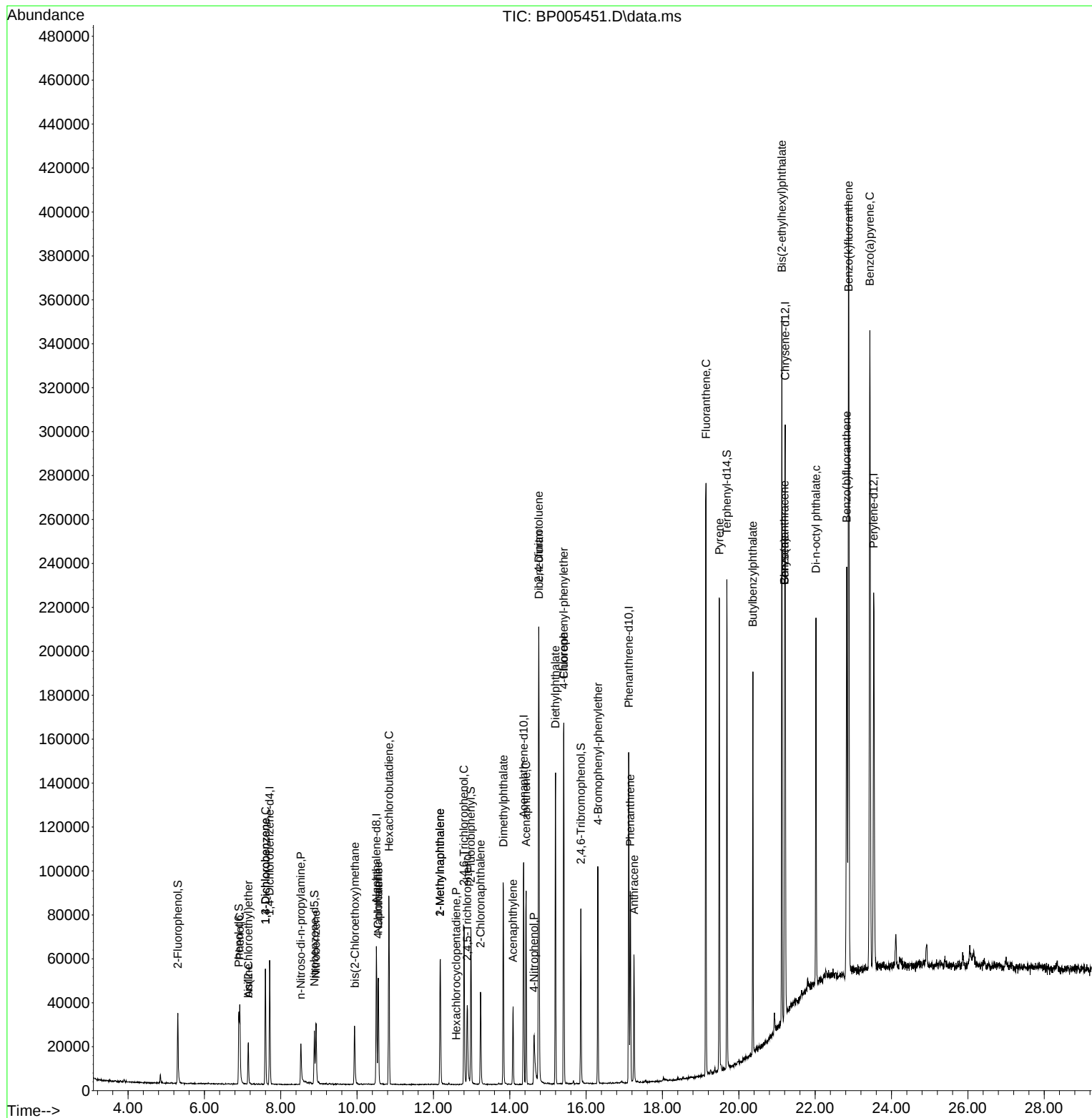
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phtha...	21.128	149	98915	31.56	ng	# 98
85) Di-n-octyl phthalate	22.022	149	96412	18.31	ng	# 92
88) Benzo(b)fluoranthene	22.827	252	137925	15.08	ng	# 98
89) Benzo(k)fluoranthene	22.875	252	257296	28.78	ng	# 99
90) Benzo(a)pyrene	23.433	252	235974	28.16	ng	# 97

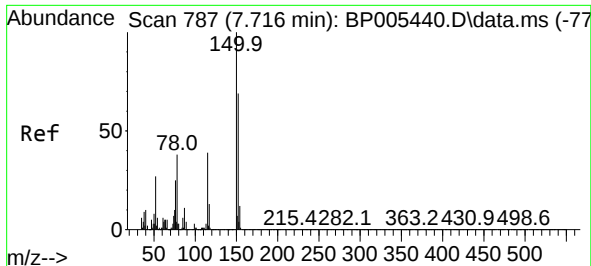
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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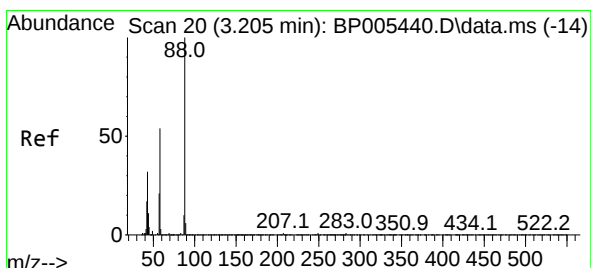
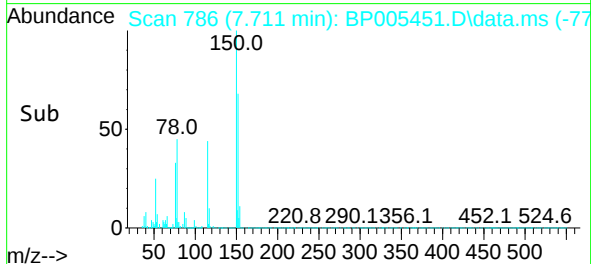
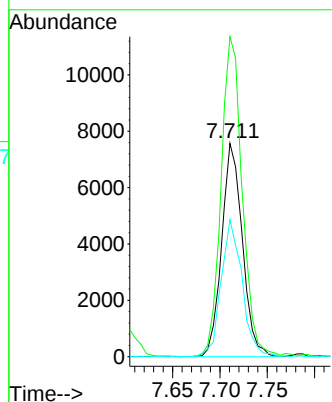
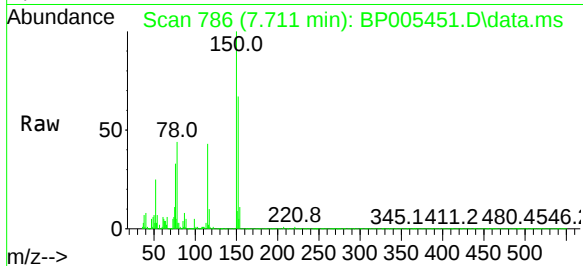




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.711 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

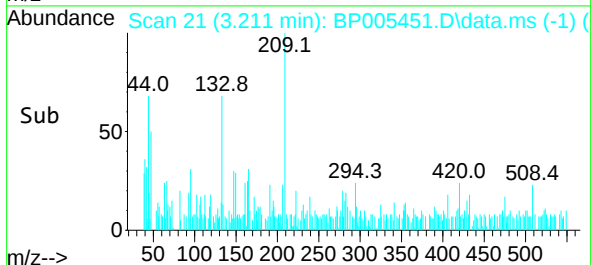
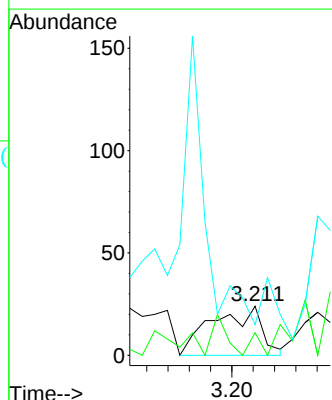
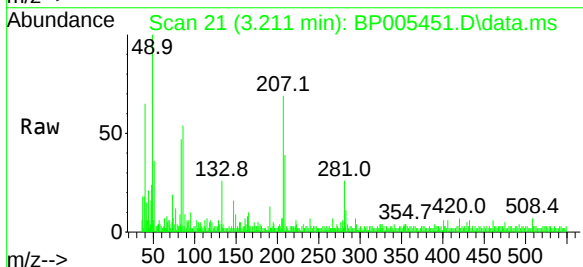
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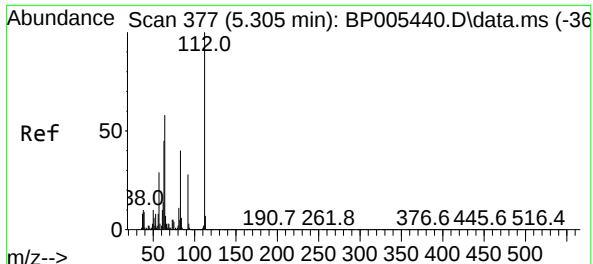
Tgt Ion:152 Resp: 11509
Ion Ratio Lower Upper
152 100
150 150.0 119.8 179.8
115 64.3 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.211 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion: 88 Resp: 39
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 0.0 19.8 29.8#

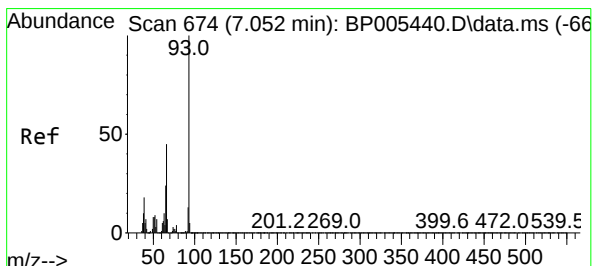
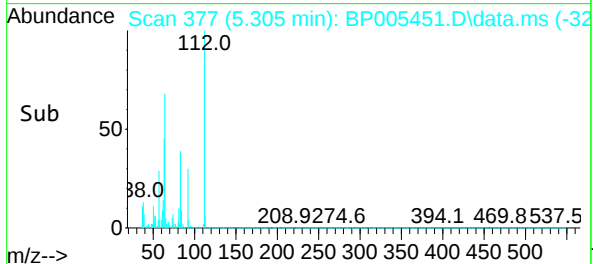
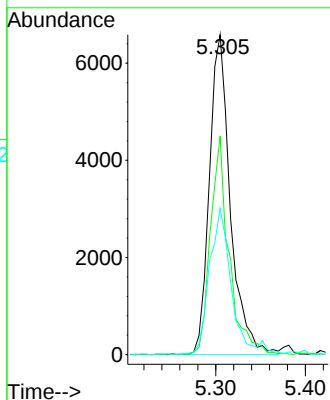
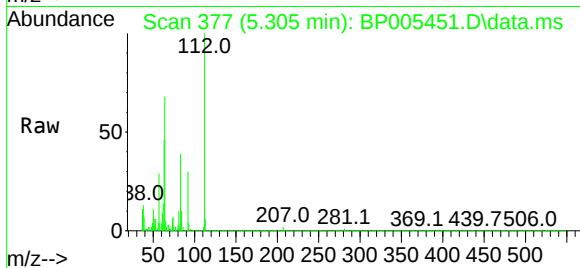




#5
2-Fluorophenol
Concen: 17.82 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

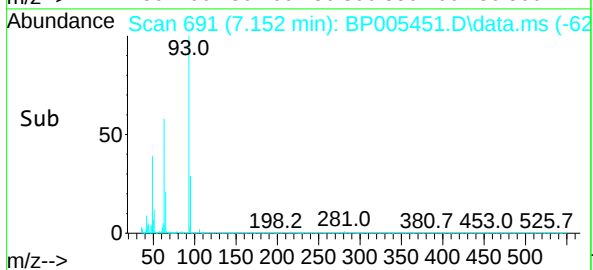
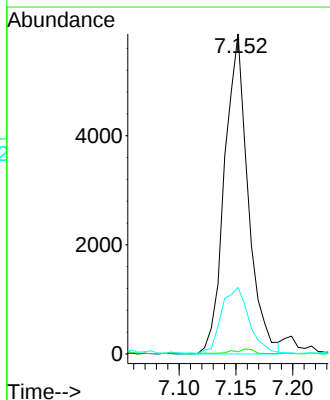
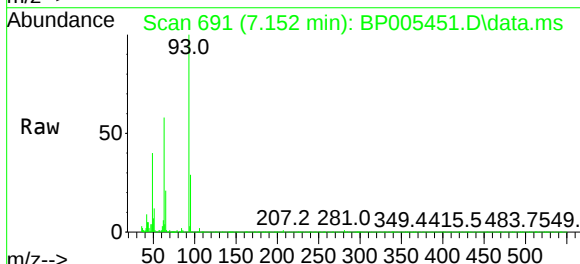
Instrument :
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ClientSampleId :
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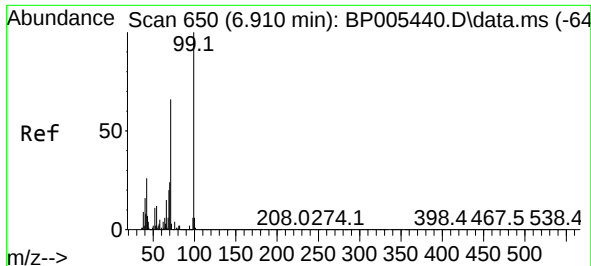
Tgt Ion:112 Resp: 10688
Ion Ratio Lower Upper
112 100
64 68.3 33.6 50.4#
63 45.7 18.6 27.8#



#6
Aniline
Concen: 10.49 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.100 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion: 93 Resp: 8470
Ion Ratio Lower Upper
93 100
66 0.6 27.0 40.4#
65 20.8 14.4 21.6

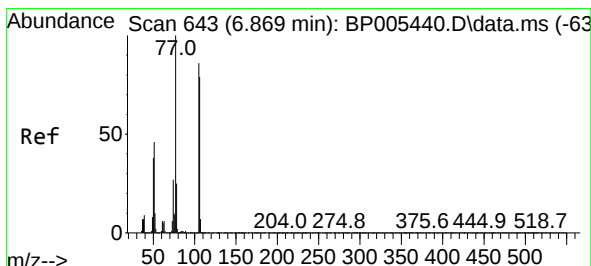
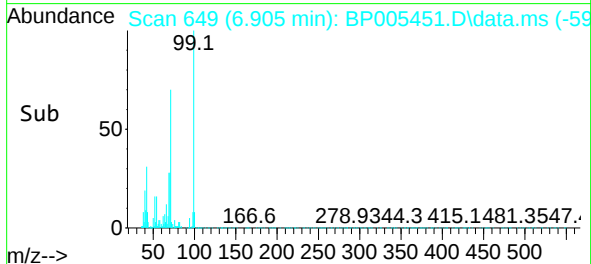
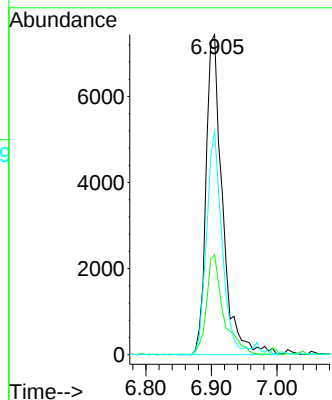
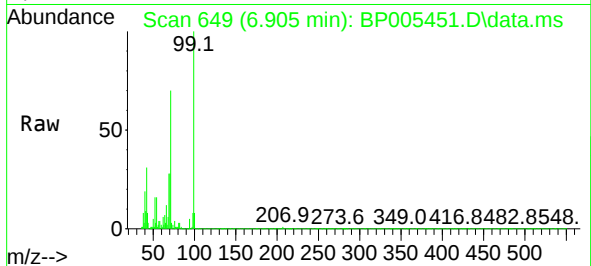




#7
Phenol-d6
Concen: 17.42 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

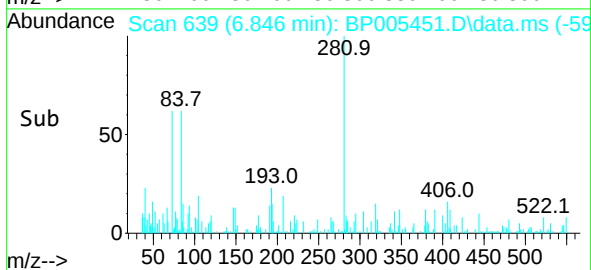
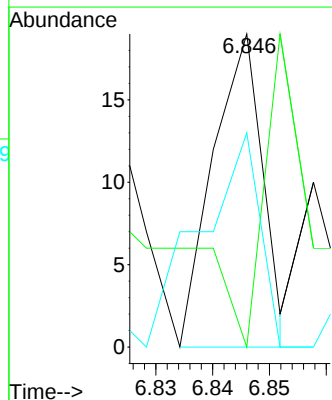
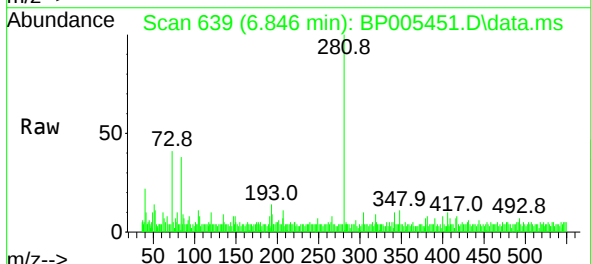
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ClientSampleId :
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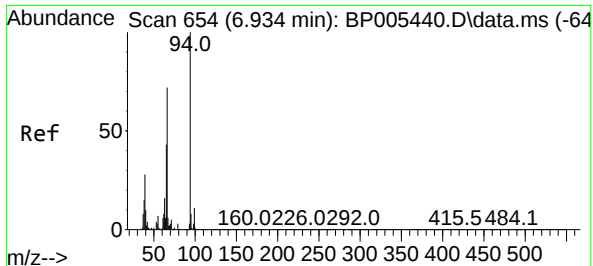
Tgt Ion: 99 Resp: 13023
Ion Ratio Lower Upper
99 100
42 31.2 12.9 19.3#
71 69.7 26.7 40.1#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.846 min Scan# 639
Delta R.T. -0.023 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion: 77 Resp: 12
Ion Ratio Lower Upper
77 100
105 0.0 89.4 129.4#
106 68.4 79.9 119.9#

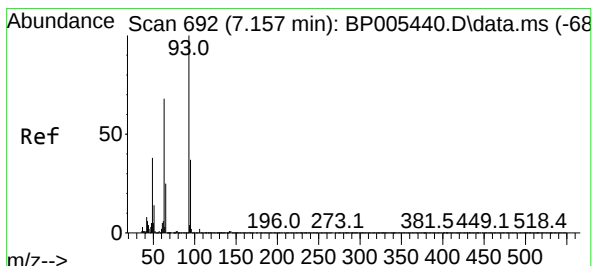
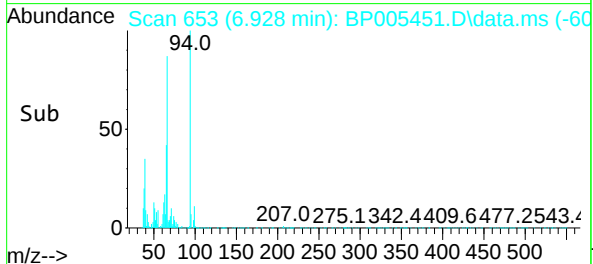
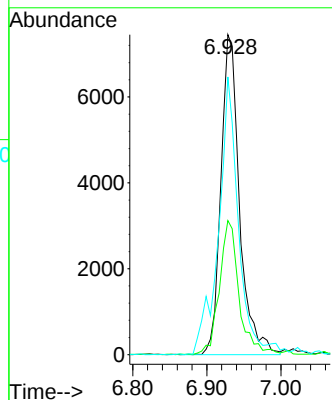
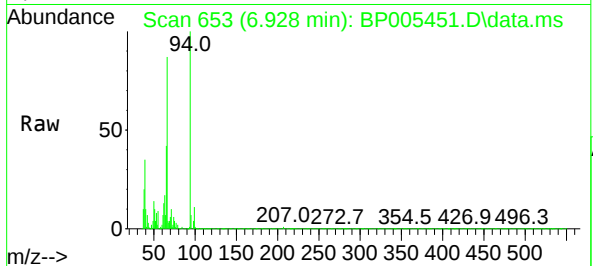




#10
Phenol
Concen: 17.41 ng
RT: 6.928 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

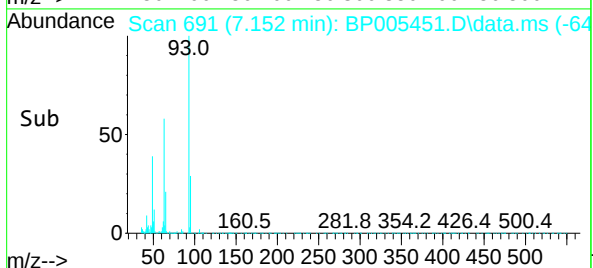
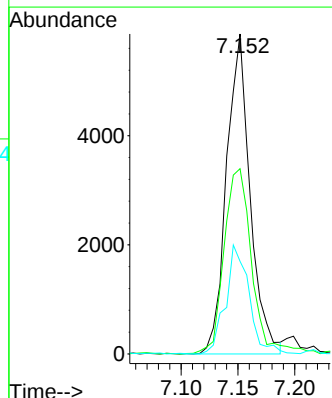
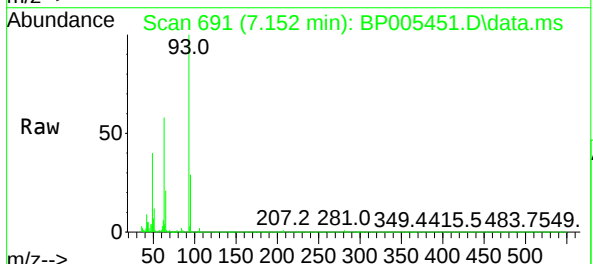
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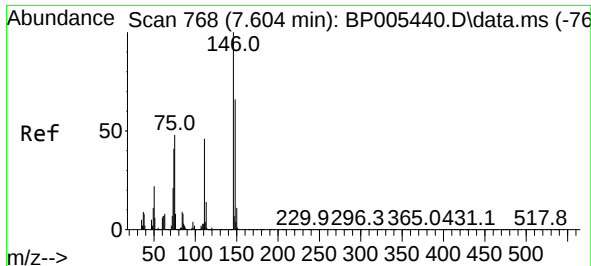
Tgt Ion: 94 Resp: 13019
Ion Ratio Lower Upper
94 100
65 41.9 8.0 48.0
66 86.8 17.3 57.3#



#11
bis(2-Chloroethyl)ether
Concen: 16.40 ng
RT: 7.152 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion: 93 Resp: 8470
Ion Ratio Lower Upper
93 100
63 57.9 49.6 89.6
95 28.9 14.4 54.4

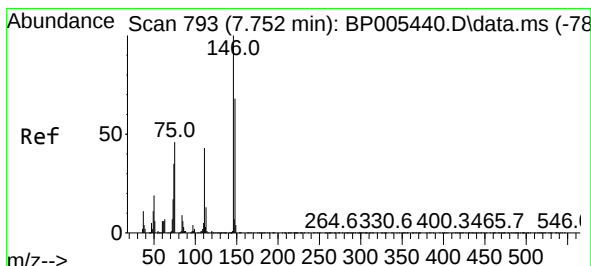
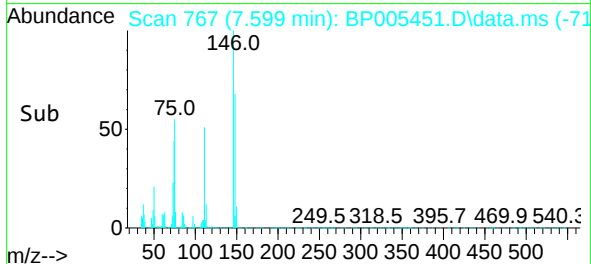
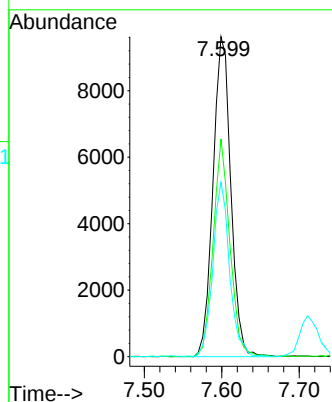
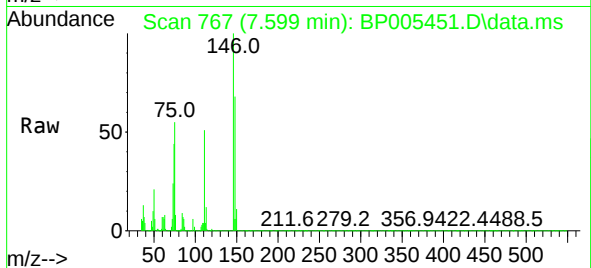




#12
1,3-Dichlorobenzene
Concen: 17.96 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

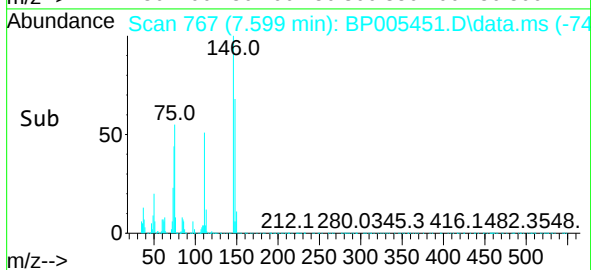
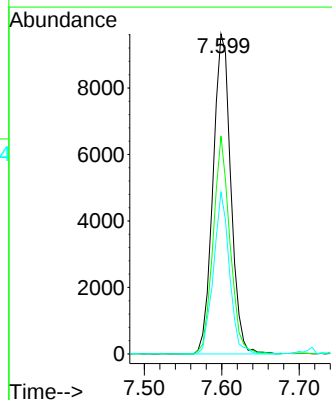
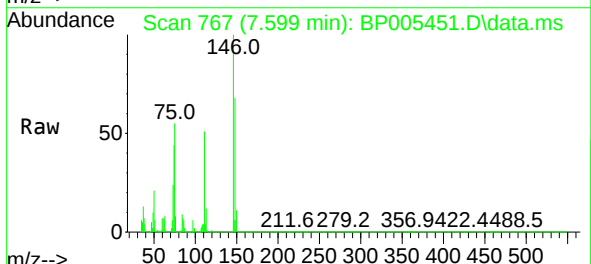
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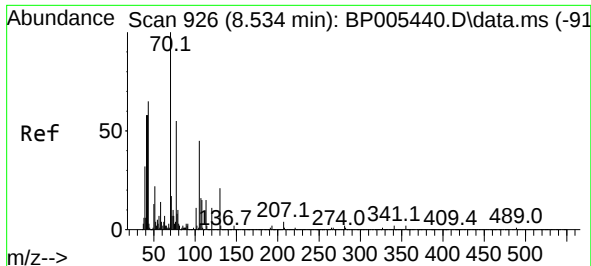
Tgt Ion:146 Resp: 15388
Ion Ratio Lower Upper
146 100
148 68.1 51.4 77.0
75 54.5 23.9 35.9#



#13
1,4-Dichlorobenzene
Concen: 18.02 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.153 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:146 Resp: 15388
Ion Ratio Lower Upper
146 100
148 68.1 52.2 78.4
111 50.5 34.2 51.4

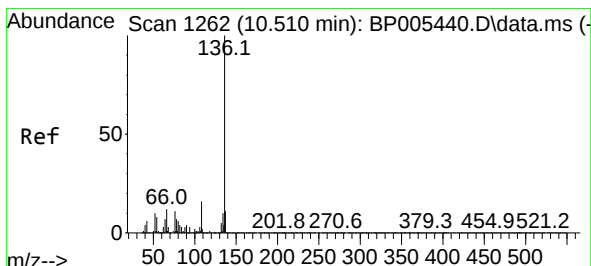
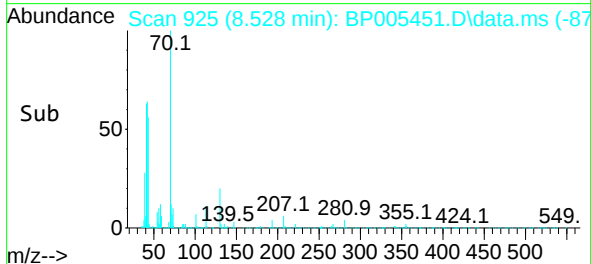
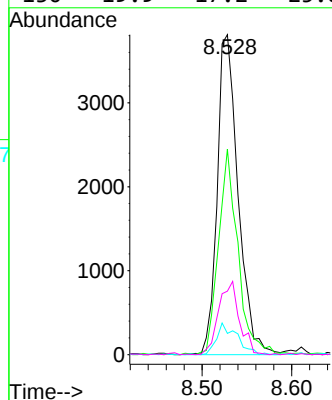
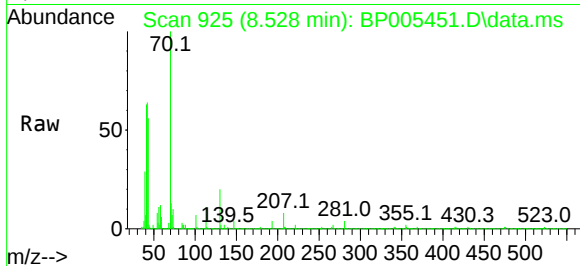




#19
n-Nitroso-di-n-propylamine
Concen: 11.27 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

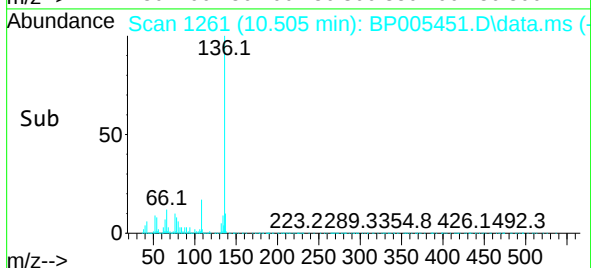
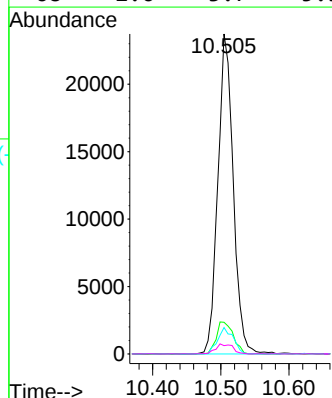
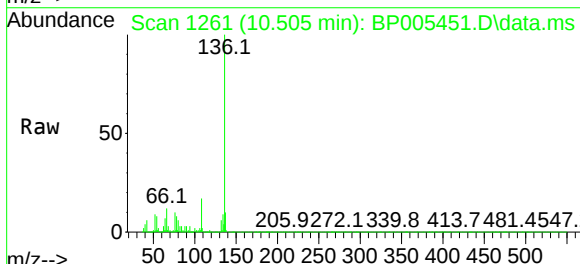
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ClientSampleId :
PT-BNA-SOILDL

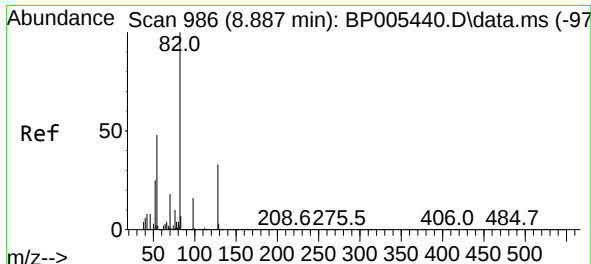
Tgt Ion: 70	Resp:	6172
Ion Ratio	Lower	Upper
70	100	
42	64.3	39.7 59.5#
101	6.6	7.4 11.0#
130	19.9	17.2 25.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.505 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion: 136	Resp:	37287
Ion Ratio	Lower	Upper
136	100	
137	9.9	8.9 13.3
54	8.3	5.0 7.4#
68	2.6	3.7 5.5#

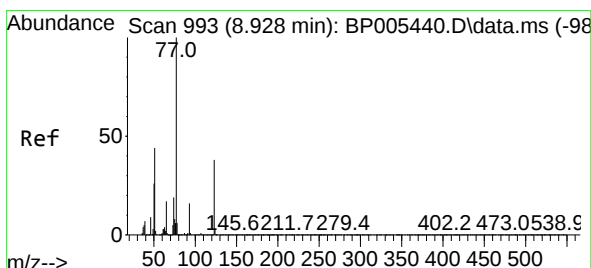
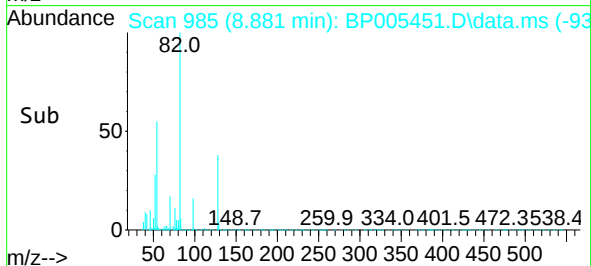
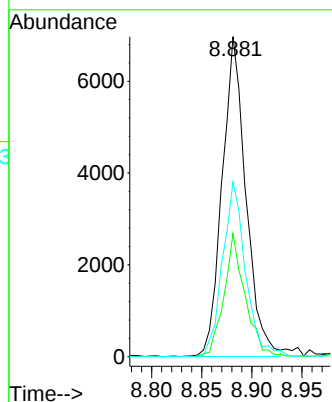
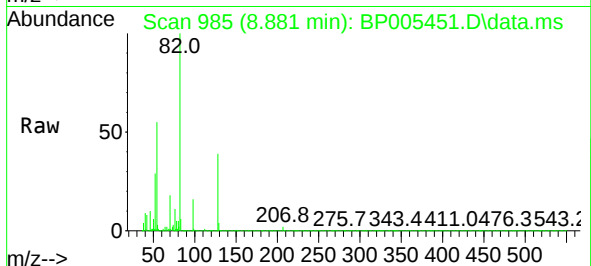




#23
Nitrobenzene-d5
Concen: 12.08 ng
RT: 8.881 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

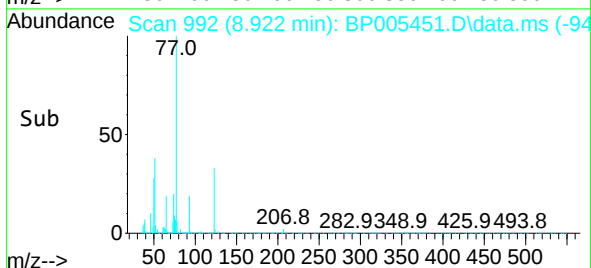
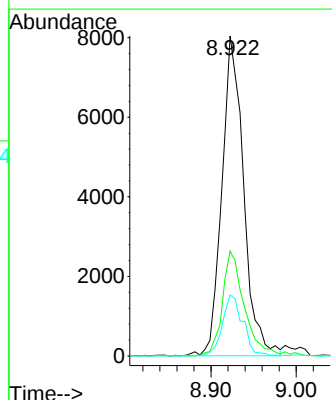
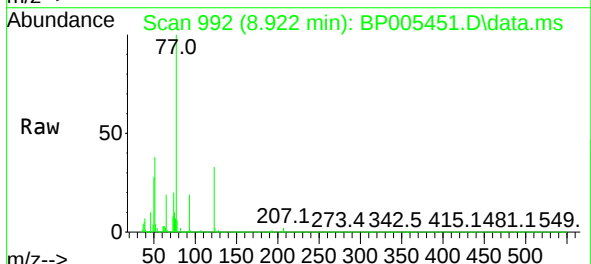
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

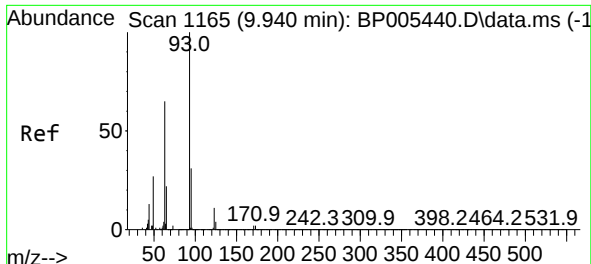
Tgt Ion: 82 Resp: 11446
Ion Ratio Lower Upper
82 100
128 38.5 30.5 45.7
54 54.5 33.9 50.9#



#24
Nitrobenzene
Concen: 14.96 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion: 77 Resp: 14217
Ion Ratio Lower Upper
77 100
123 32.7 31.7 47.5
65 19.1 11.5 17.3#

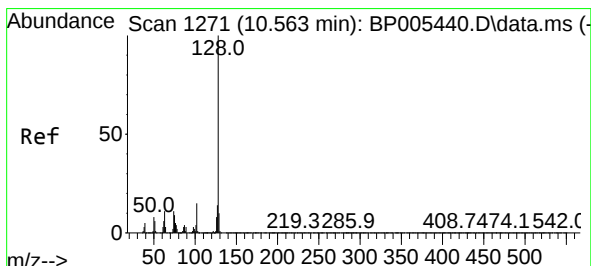
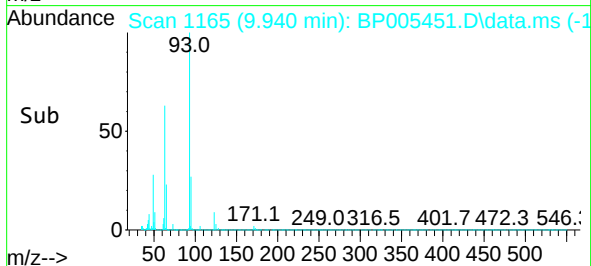
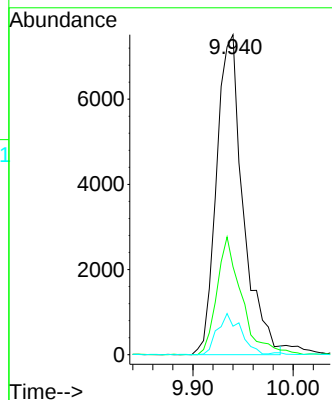
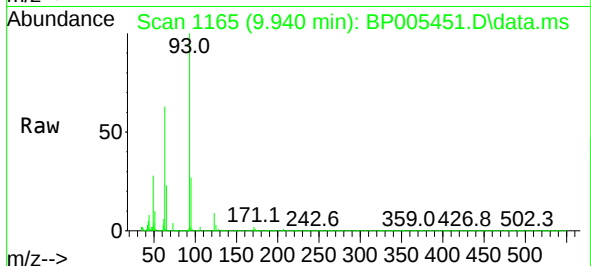




#28
bis(2-Chloroethoxy)methane
Concen: 22.48 ng
RT: 9.940 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

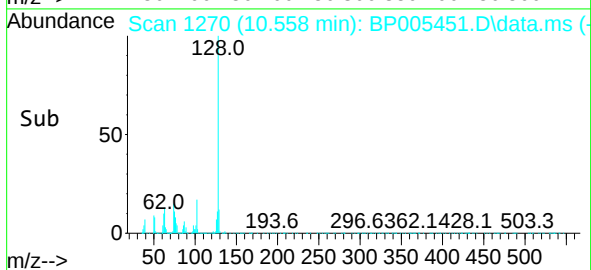
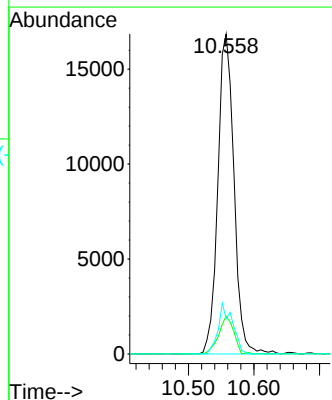
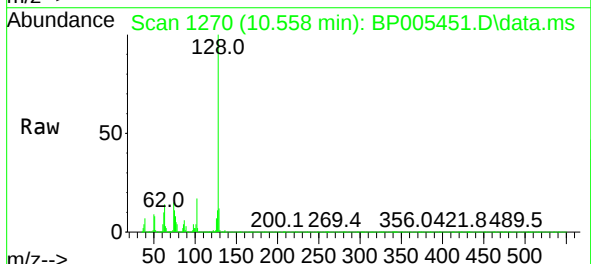
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

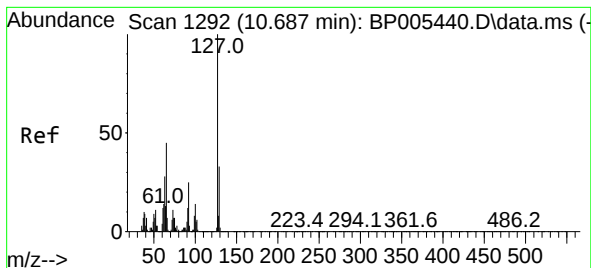
Tgt Ion: 93	Resp: 13808
Ion Ratio	Lower Upper
93 100	
95 27.5	24.9 37.3
123 8.9	9.5 14.3#



#31
Naphthalene
Concen: 14.33 ng
RT: 10.558 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion: 128	Resp: 28737
Ion Ratio	Lower Upper
128 100	
129 11.8	8.0 12.0
127 11.0	11.1 16.7#

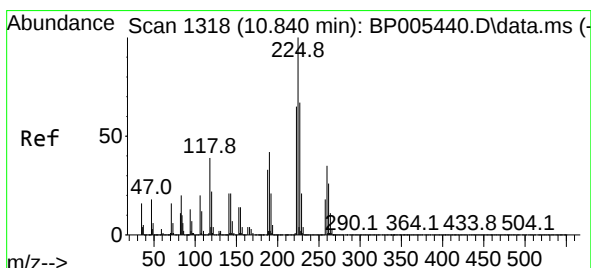
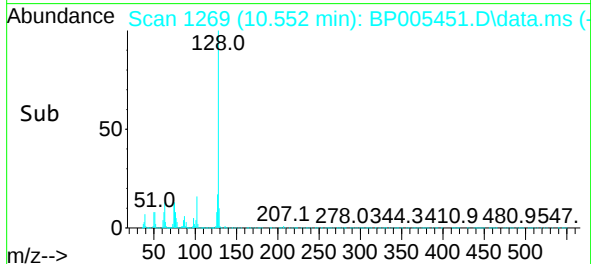
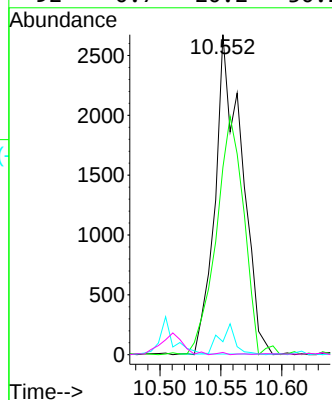
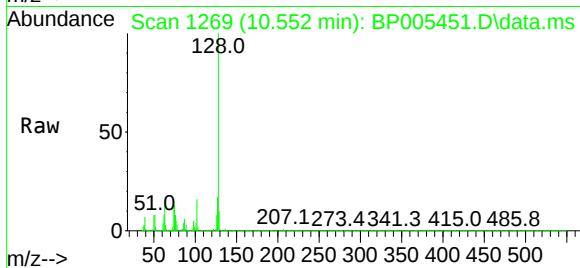




#33
4-Chloroaniline
Concen: 5.20 ng
RT: 10.552 min Scan# 1269
Delta R.T. -0.135 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

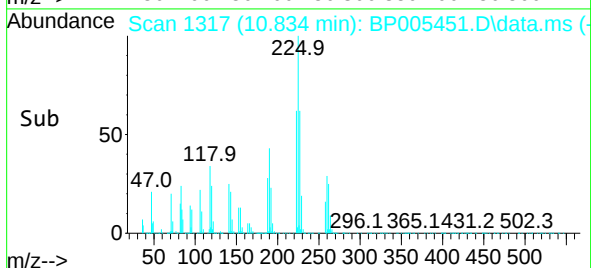
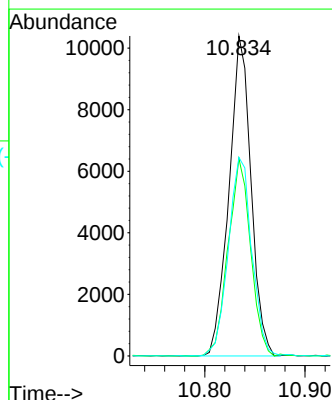
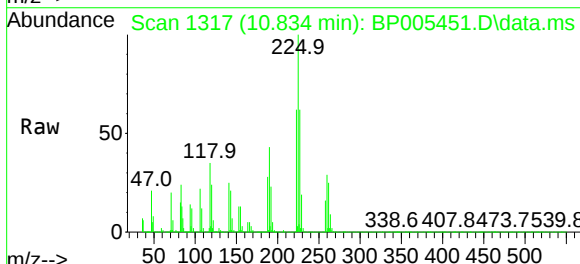
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILD

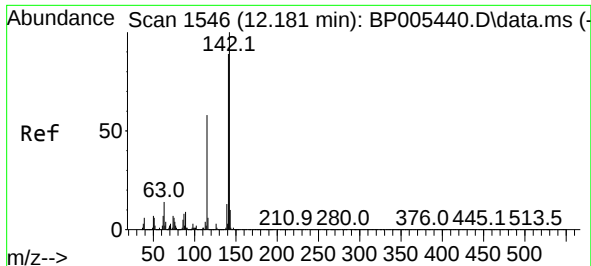
Tgt Ion:	127	Resp:	4063
Ion	Ratio	Lower	Upper
127	100		
129	58.6	25.5	38.3#
65	4.1	30.0	45.0#
92	0.7	20.2	30.2#



#34
Hexachlorobutadiene
Concen: 18.02 ng
RT: 10.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:	225	Resp:	15881
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.1	76.7
227	62.0	50.2	75.2

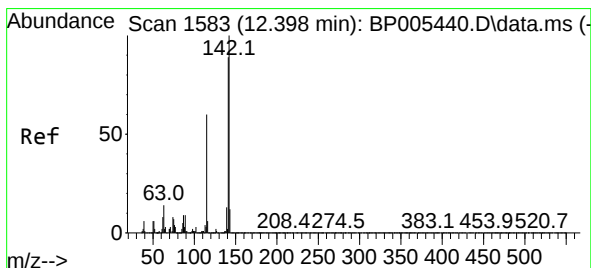
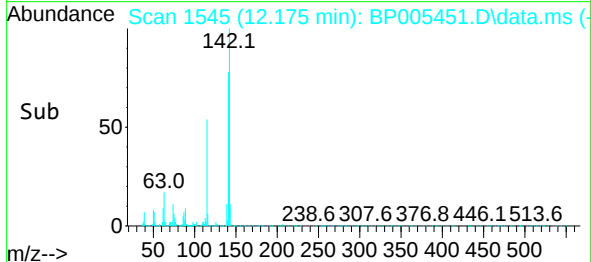
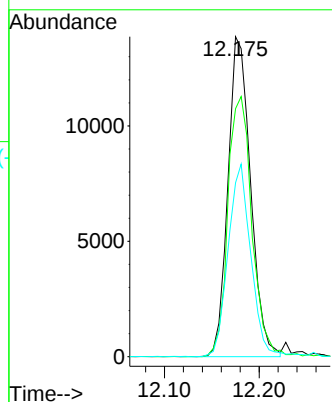
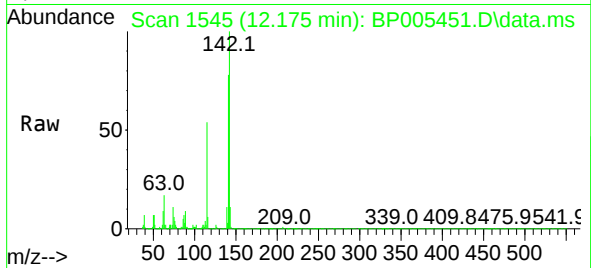




#37
2-Methylnaphthalene
Concen: 14.30 ng
RT: 12.175 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

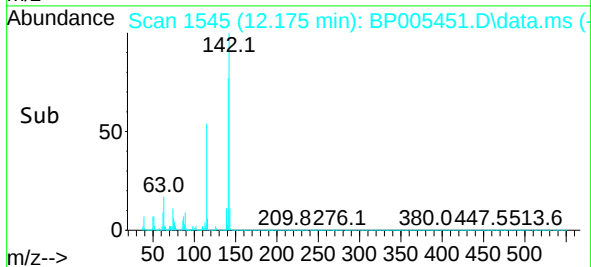
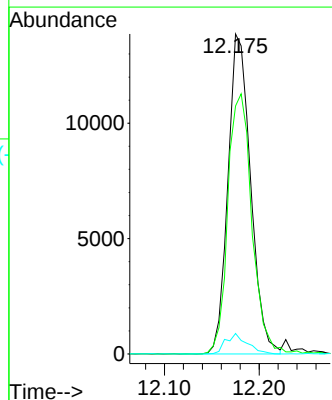
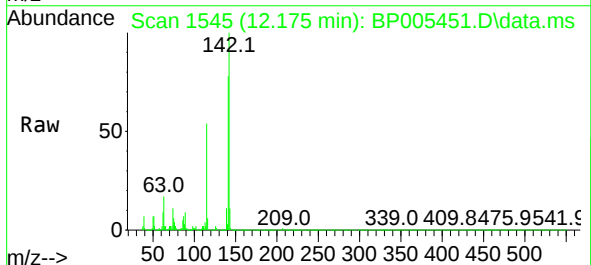
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

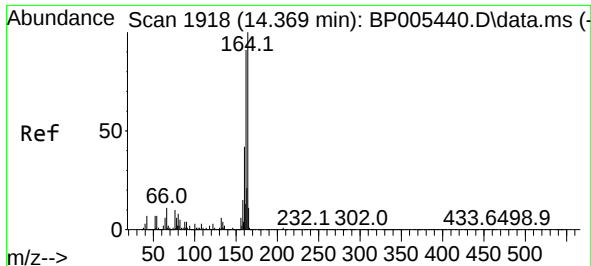
Tgt Ion:142 Resp: 22993
Ion Ratio Lower Upper
142 100
141 77.5 74.7 112.1
115 54.3 43.8 65.8



#38
1-Methylnaphthalene
Concen: 15.14 ng
RT: 12.175 min Scan# 1545
Delta R.T. -0.223 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:142 Resp: 22993
Ion Ratio Lower Upper
142 100
141 77.5 77.0 115.6
116 6.4 5.0 7.6

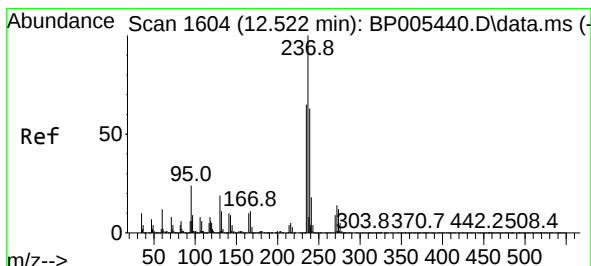
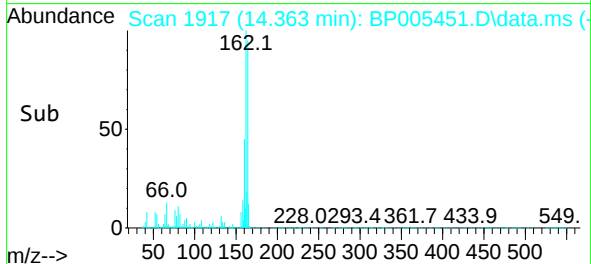
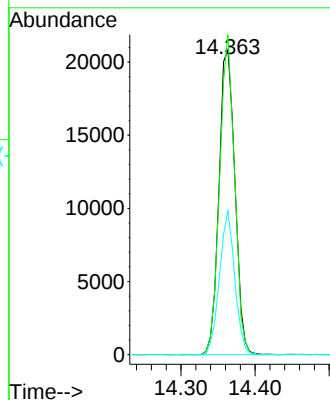
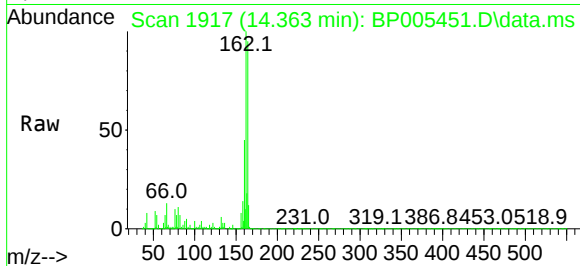




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

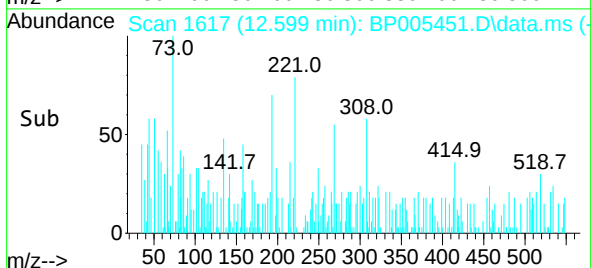
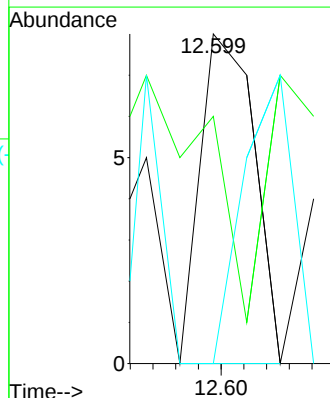
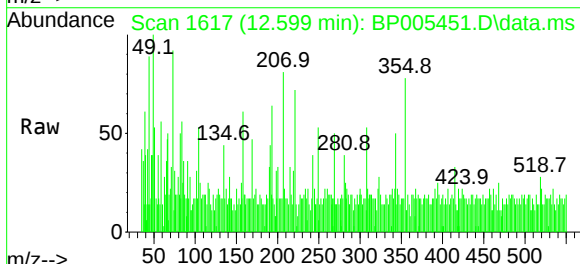
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

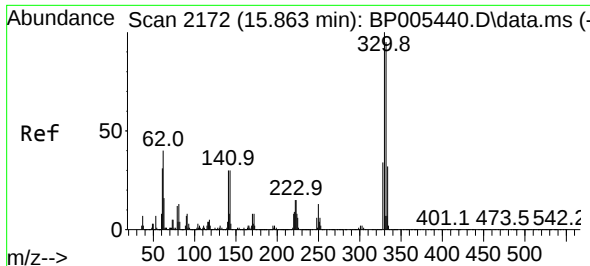
Tgt Ion:164	Resp:	31175
Ion Ratio	Lower	Upper
164	100	
162	105.0	73.5 110.3
160	47.2	40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.599 min Scan# 1617
Delta R.T. 0.077 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:237	Resp:	5
Ion Ratio	Lower	Upper
237	100	
235	75.0	40.9 80.9
272	0.0	0.0 34.6

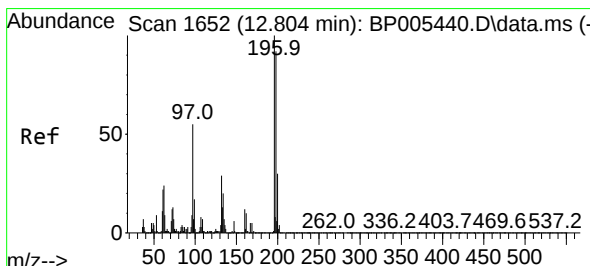
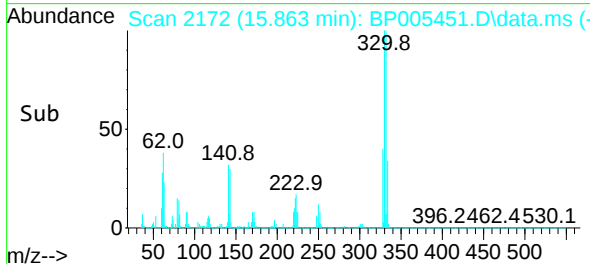
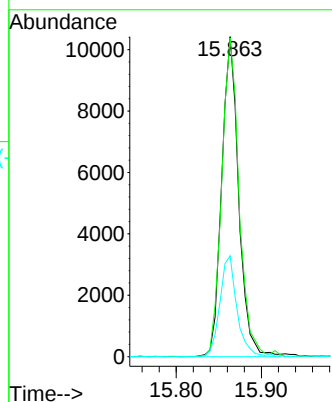
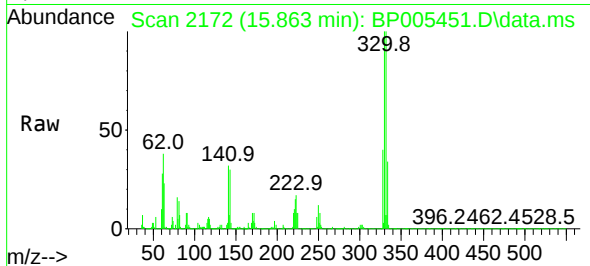




#42
2,4,6-Tribromophenol
Concen: 16.25 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

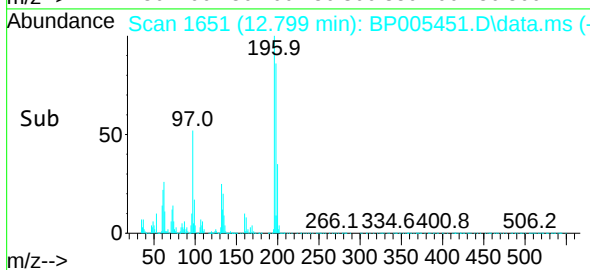
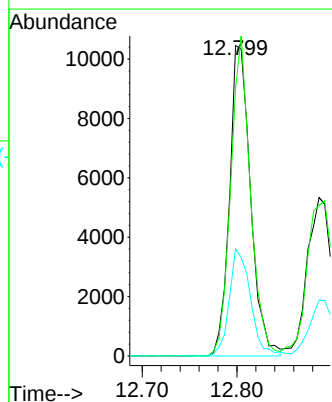
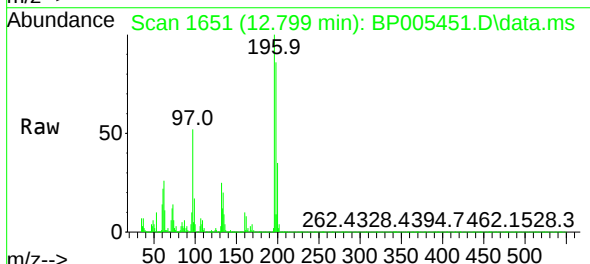
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILD

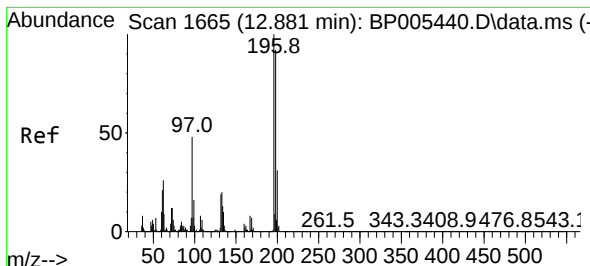
Tgt Ion: 330 Resp: 14373
Ion Ratio Lower Upper
330 100
332 102.4 76.3 114.5
141 32.1 22.8 34.2



#43
2,4,6-Trichlorophenol
Concen: 18.03 ng
RT: 12.799 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion: 196 Resp: 16138
Ion Ratio Lower Upper
196 100
198 86.2 81.4 122.2
200 34.6 28.2 42.2

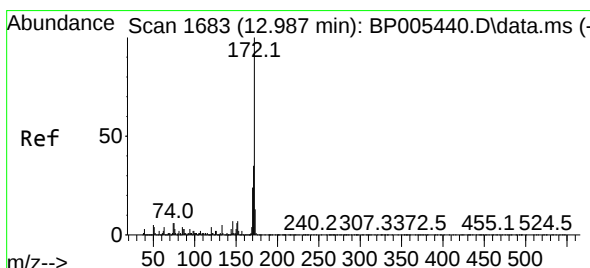
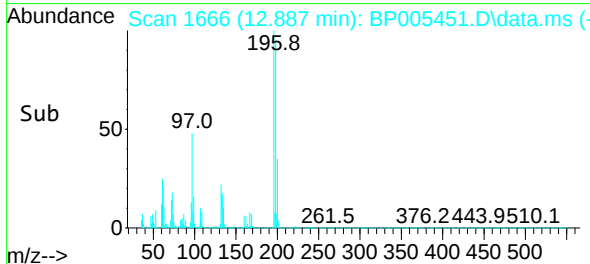
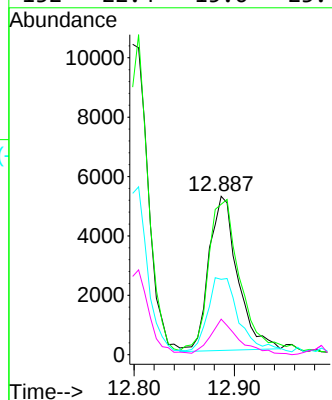
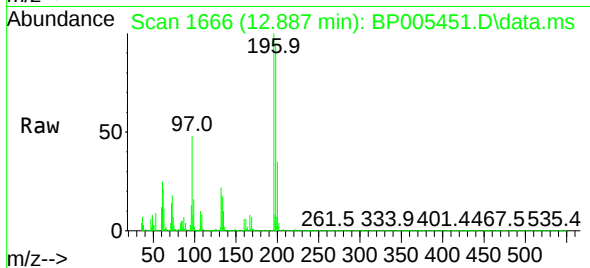




#44
2,4,5-Trichlorophenol
Concen: 10.69 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

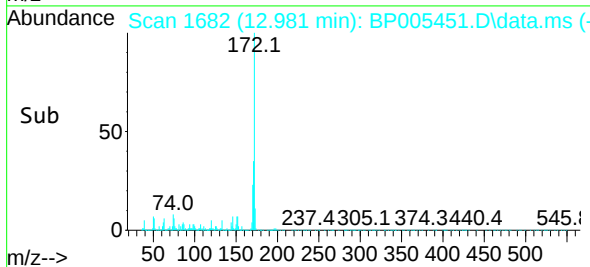
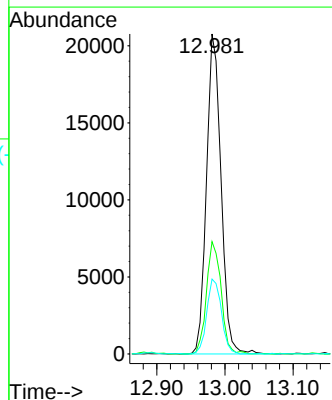
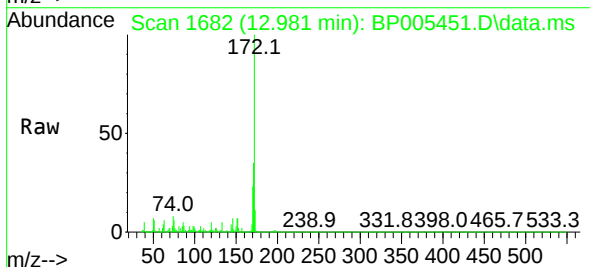
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

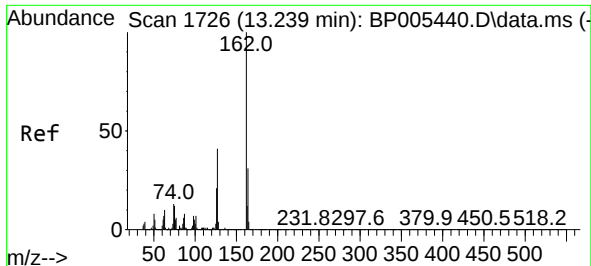
Tgt Ion:196	Resp:	10327
Ion Ratio	Lower	Upper
196	100	
198	95.0	71.0 106.4
97	47.6	38.5 57.7
132	22.4	15.6 23.4



#45
2-Fluorobiphenyl
Concen: 11.17 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:172	Resp:	30868
Ion Ratio	Lower	Upper
172	100	
171	35.1	28.1 42.1
170	23.4	19.6 29.4

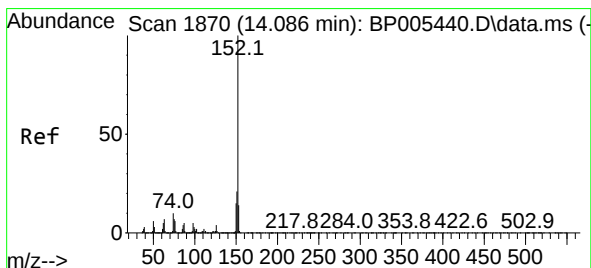
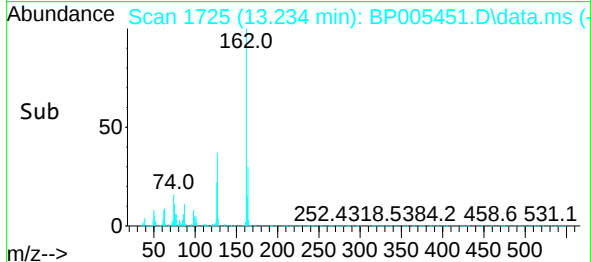
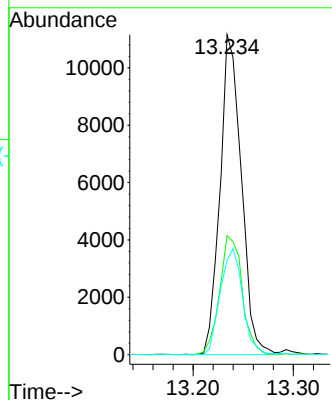
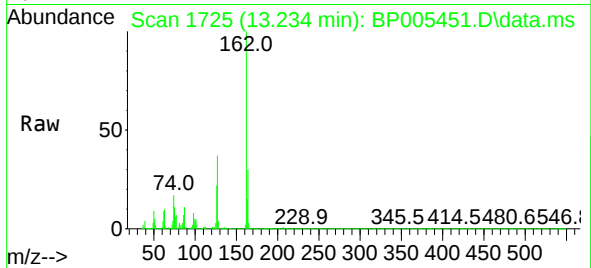




#47
2-Chloronaphthalene
Concen: 8.25 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

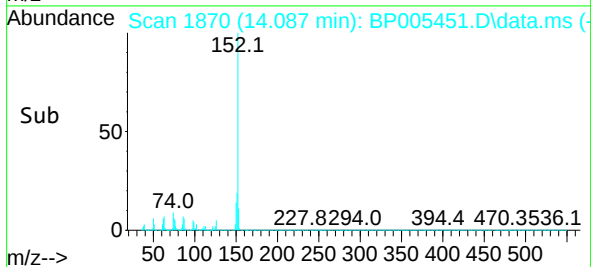
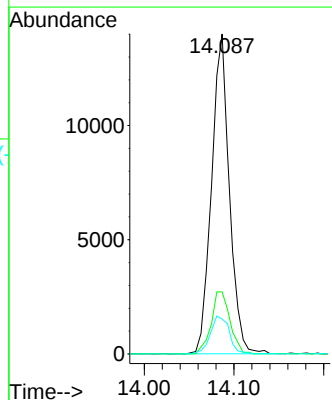
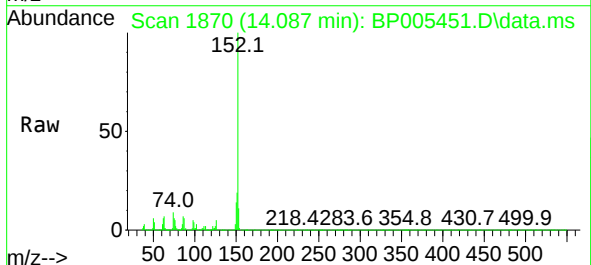
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

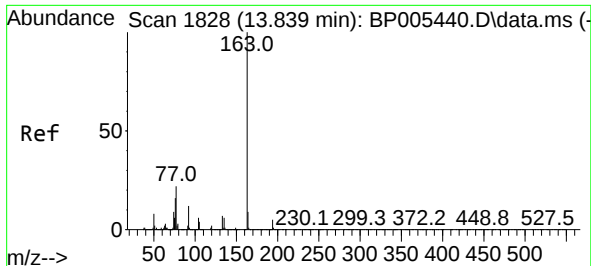
Tgt Ion:	162	Resp:	16486
Ion Ratio	Lower	Upper	
162	100		
127	37.2	31.4	47.0
164	29.5	26.6	39.8



#49
Acenaphthylene
Concen: 6.71 ng
RT: 14.087 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:	152	Resp:	19323
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.8	23.6
153	10.9	10.5	15.7

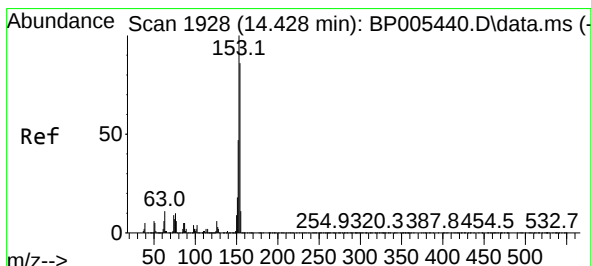
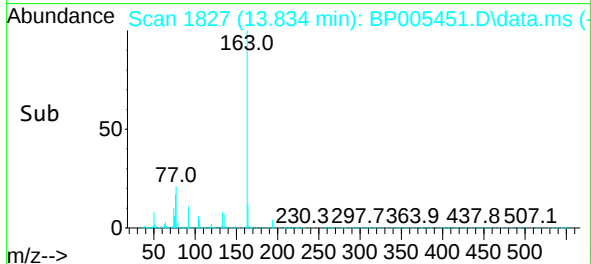
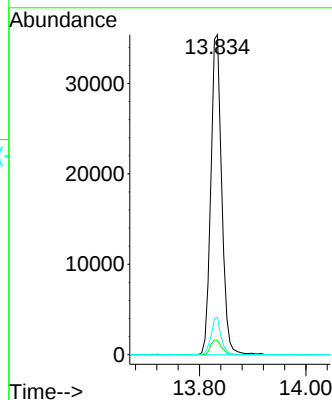
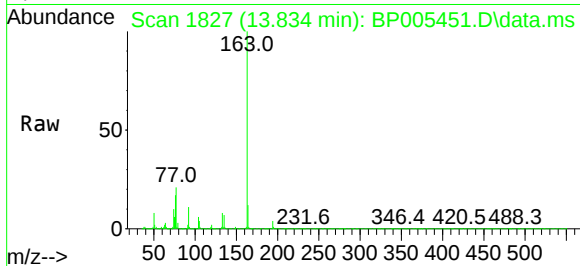




#50
Dimethylphthalate
Concen: 18.61 ng
RT: 13.834 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

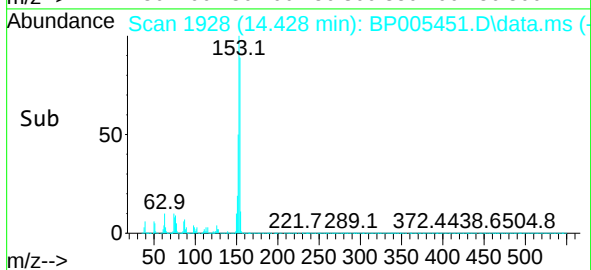
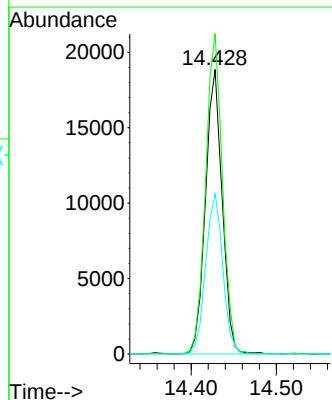
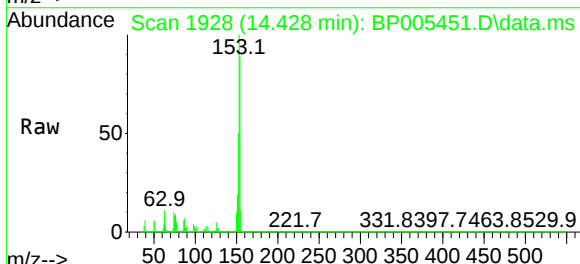
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

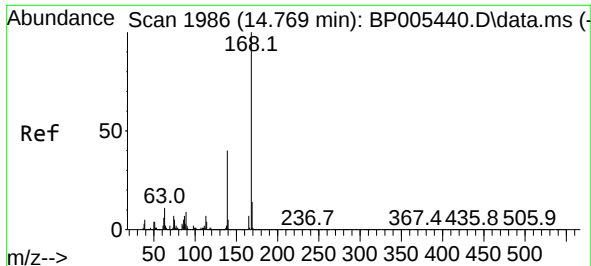
Tgt Ion:163 Resp: 50092
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 11.7 8.1 12.1



#52
Acenaphthene
Concen: 14.35 ng
RT: 14.428 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:154 Resp: 25702
Ion Ratio Lower Upper
154 100
153 112.5 90.9 136.3
152 56.3 48.5 72.7

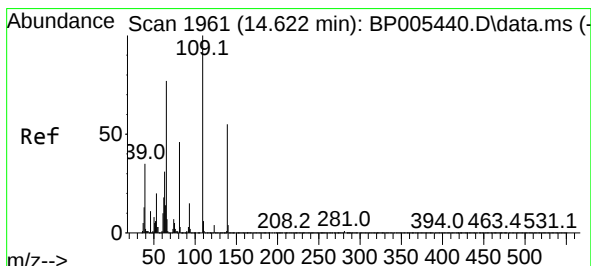
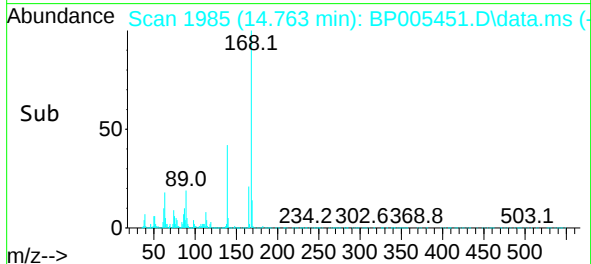
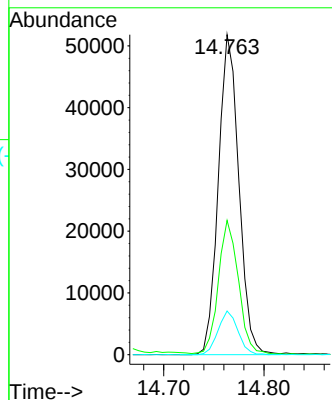
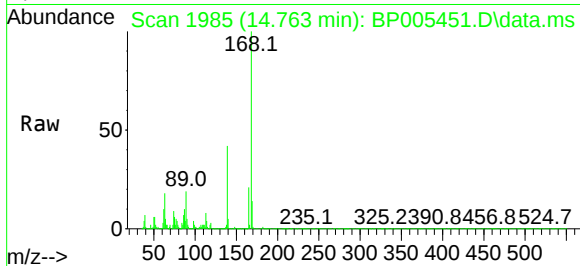




#55
Dibenzofuran
Concen: 21.82 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

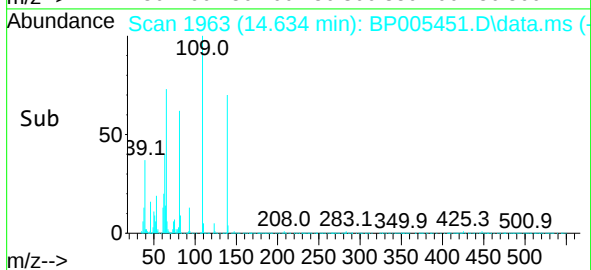
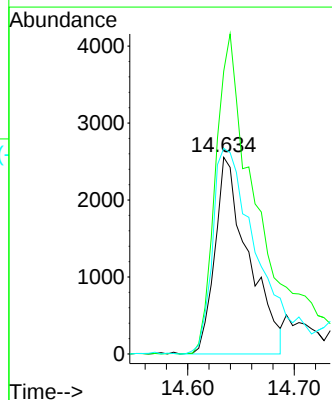
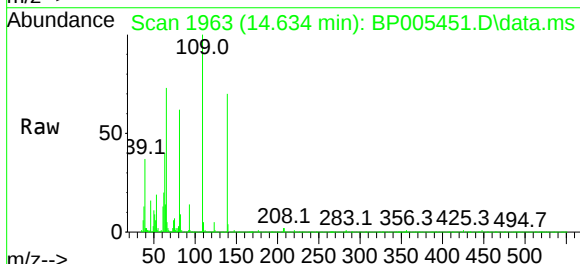
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

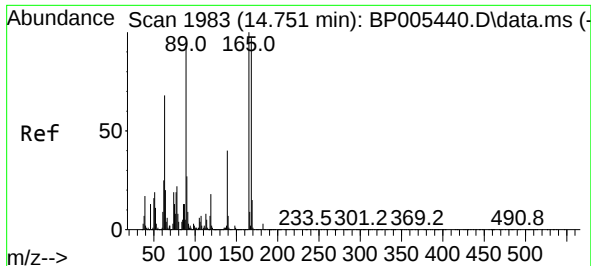
Tgt Ion:168 Resp: 73540
Ion Ratio Lower Upper
168 100
139 41.9 31.4 47.0
169 13.7 11.4 17.0



#56
4-Nitrophenol
Concen: 17.03 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.012 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:139 Resp: 5566
Ion Ratio Lower Upper
139 100
109 143.7 122.8 162.8
65 104.5 110.0 150.0#

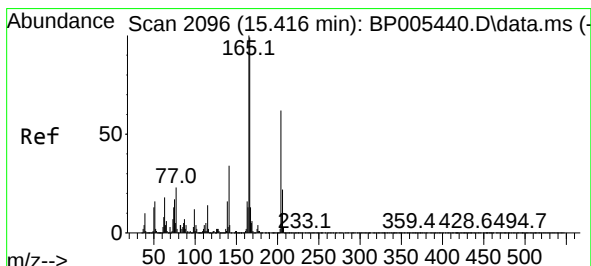
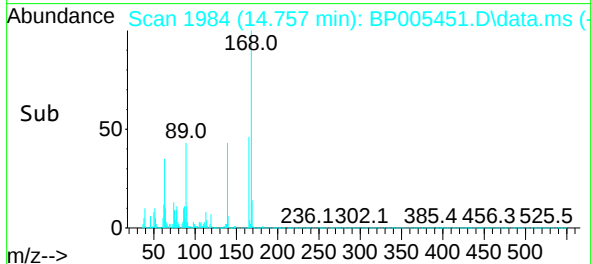
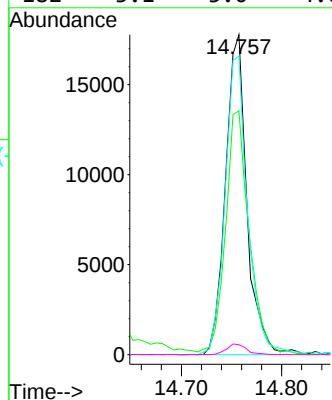
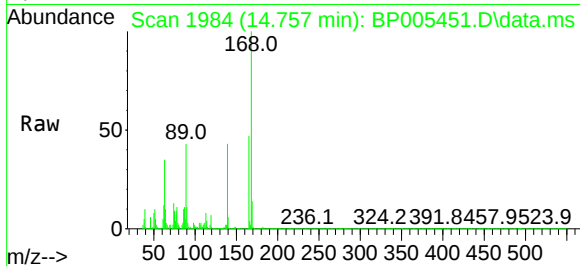




#57
2,4-Dinitrotoluene
Concen: 29.35 ng
RT: 14.757 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

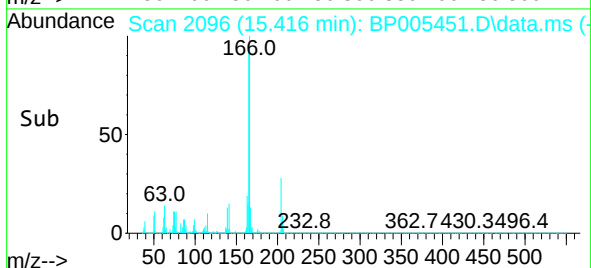
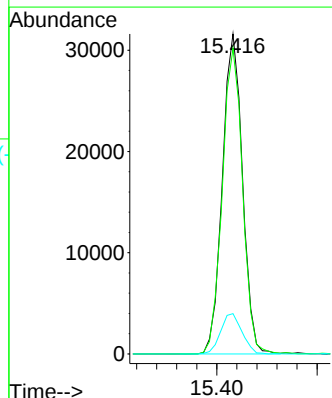
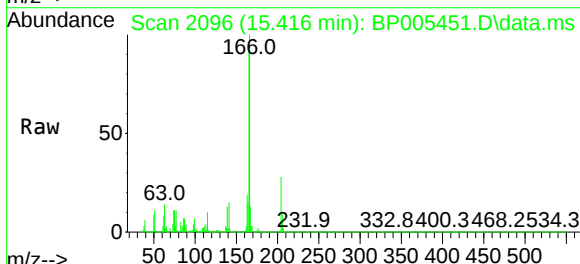
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

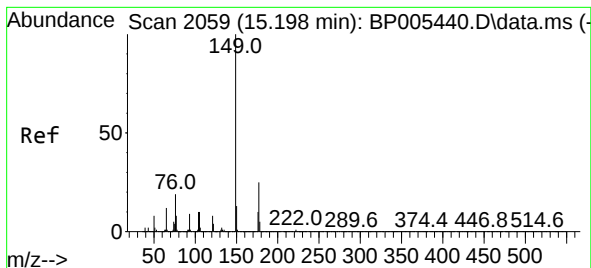
Tgt Ion:	165	Resp:	26150
Ion Ratio	Lower	Upper	
165	100		
63	76.2	56.7	85.1
89	93.3	85.8	128.6
182	3.1	3.0	4.6



#58
Fluorene
Concen: 15.91 ng
RT: 15.416 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:	166	Resp:	43786
Ion Ratio	Lower	Upper	
166	100		
165	95.4	78.8	118.2
167	12.6	10.9	16.3

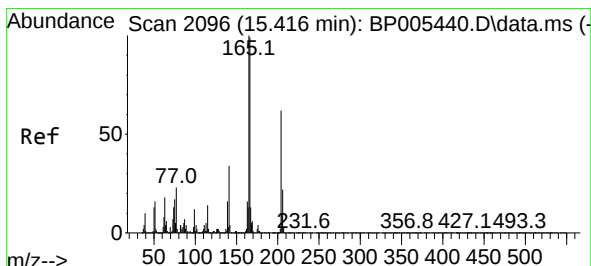
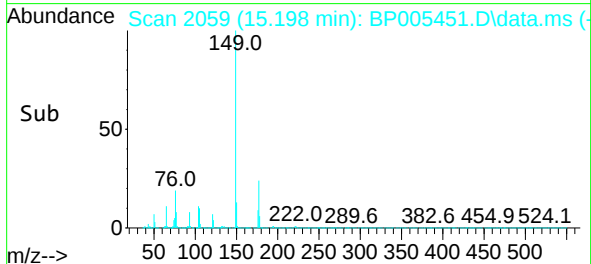
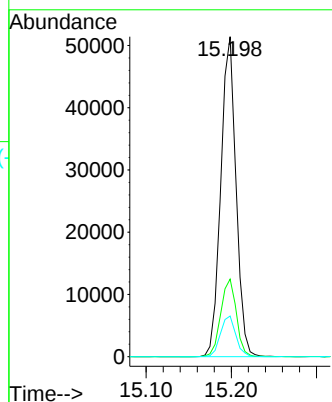
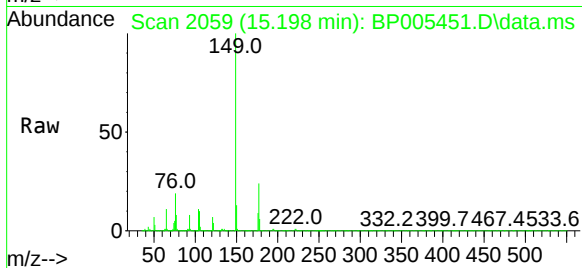




#60
Diethylphthalate
Concen: 24.56 ng
RT: 15.198 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

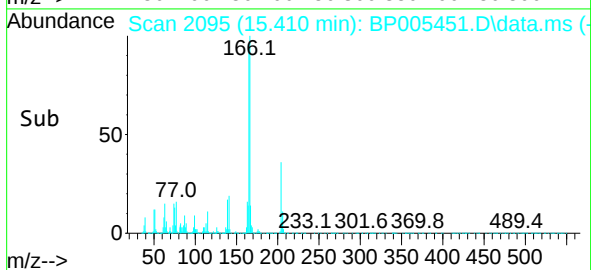
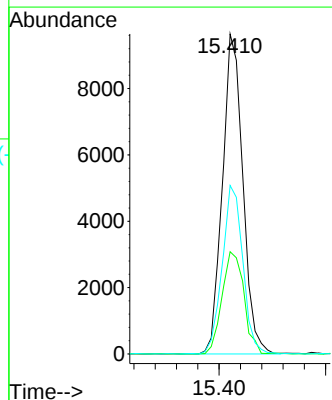
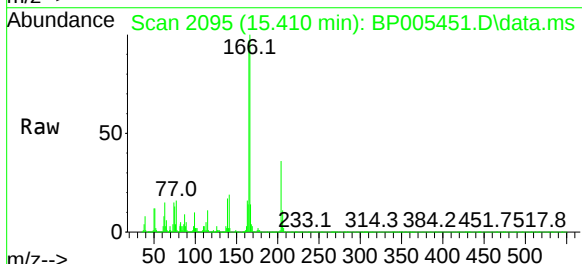
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

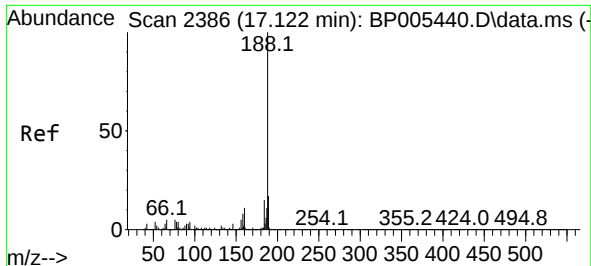
Tgt Ion:149 Resp: 64009
Ion Ratio Lower Upper
149 100
177 24.3 19.2 28.8
150 12.7 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 7.44 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:204 Resp: 12815
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 52.7 44.2 66.2

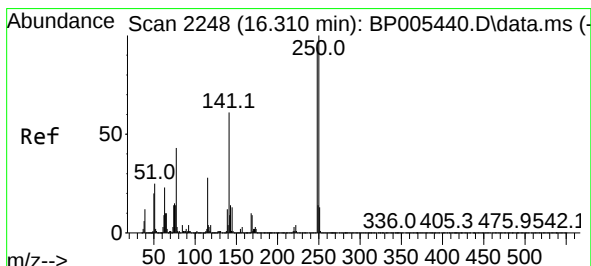
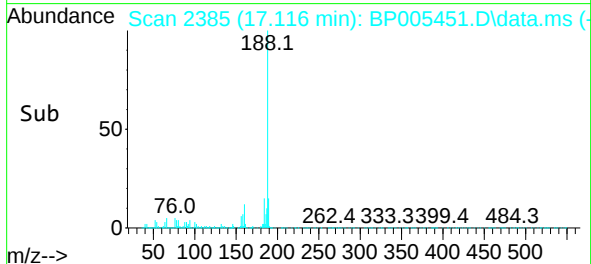
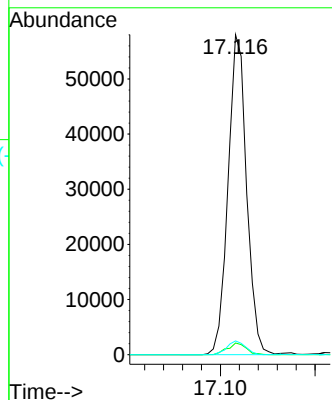
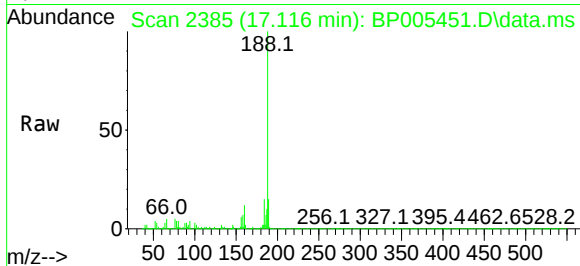




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

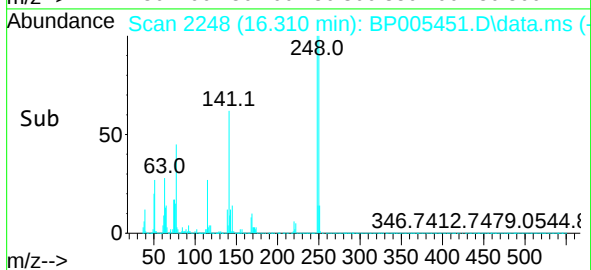
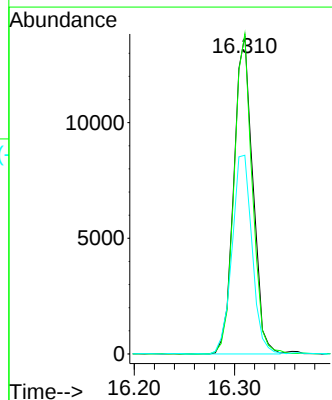
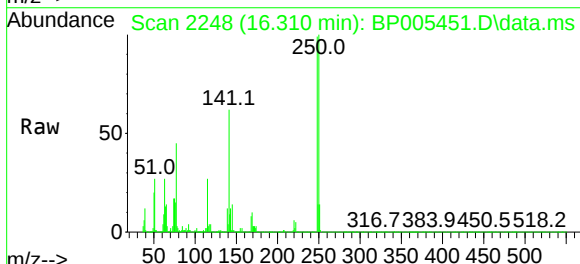
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

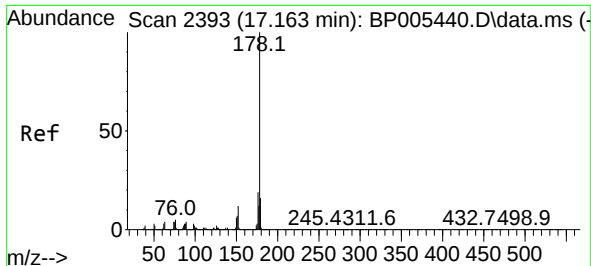
Tgt Ion:188 Resp: 78663
Ion Ratio Lower Upper
188 100
94 3.6 5.0 7.6#
80 4.3 5.9 8.9#



#67
4-Bromophenyl-phenylether
Concen: 14.69 ng
RT: 16.310 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:248 Resp: 18032
Ion Ratio Lower Upper
248 100
250 100.6 77.5 116.3
141 62.5 50.1 75.1

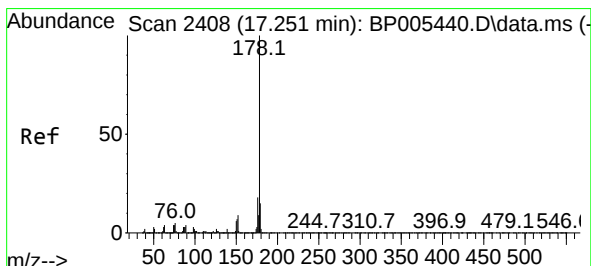
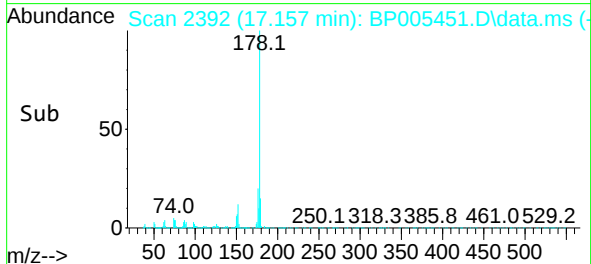
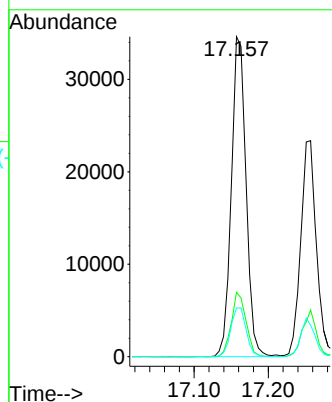
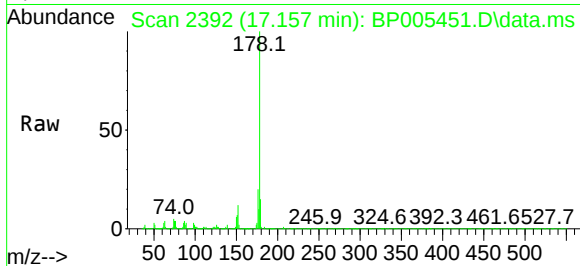




#71
Phenanthrene
Concen: 10.66 ng
RT: 17.157 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

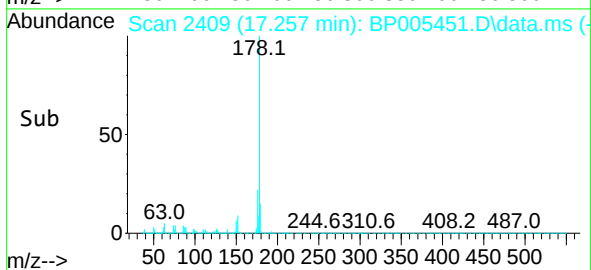
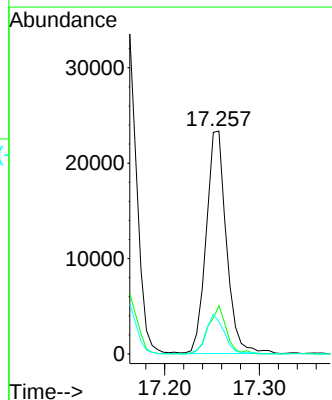
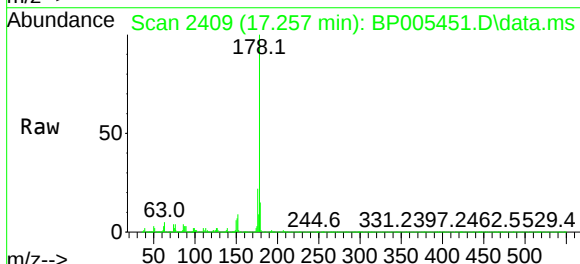
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

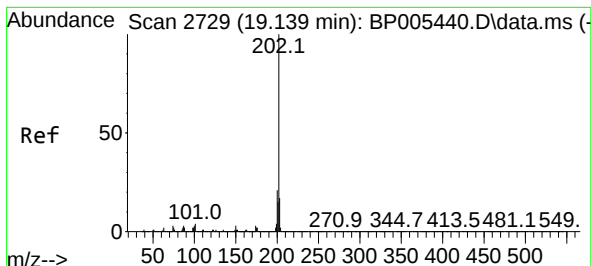
Tgt Ion:178 Resp: 47667
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 15.2 12.3 18.5



#72
Anthracene
Concen: 7.80 ng
RT: 17.257 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:178 Resp: 34601
Ion Ratio Lower Upper
178 100
176 21.6 15.2 22.8
179 14.6 12.6 19.0

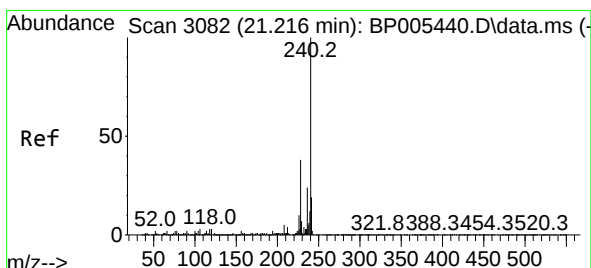
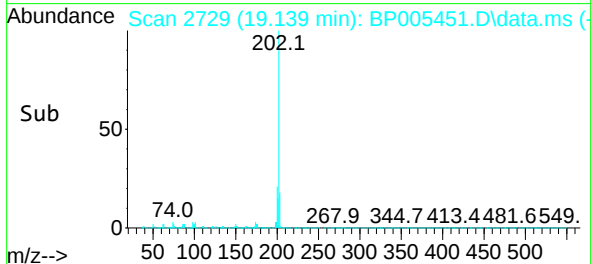
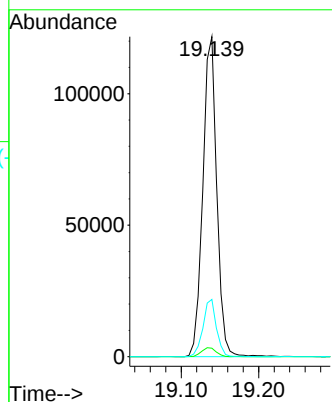
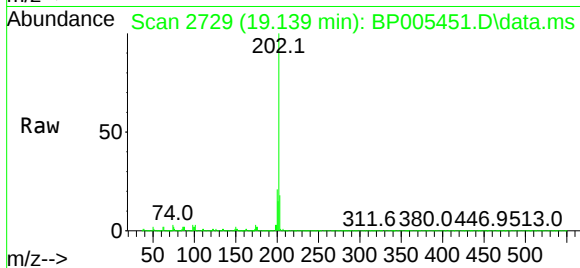




#75
Fluoranthene
Concen: 24.74 ng
RT: 19.139 min Scan# 2729
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

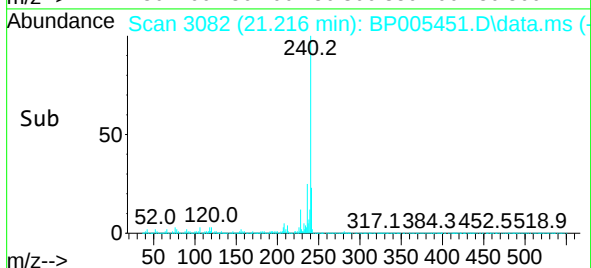
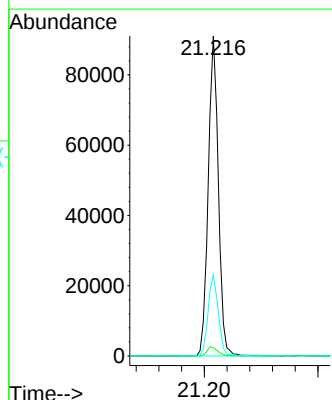
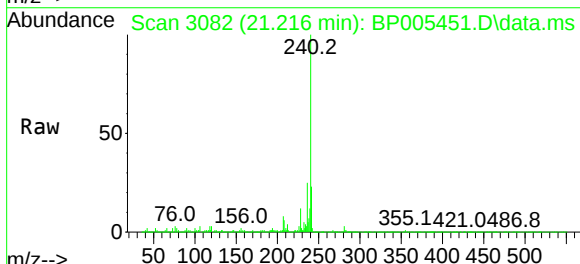
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

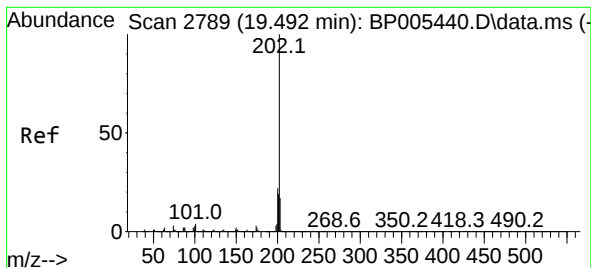
Tgt Ion:202 Resp: 152108
Ion Ratio Lower Upper
202 100
101 2.6 0.0 26.1
203 17.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.216 min Scan# 3082
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:240 Resp: 112072
Ion Ratio Lower Upper
240 100
120 2.6 4.2 6.2#
236 25.3 20.2 30.2





#78

Pyrene

Concen: 20.93 ng

RT: 19.492 min Scan# 2789

Delta R.T. 0.000 min

Lab File: BP005451.D

Acq: 06 May 2021 15:01

Tgt Ion:202 Resp: 132774

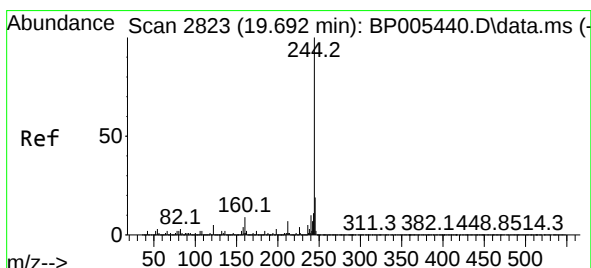
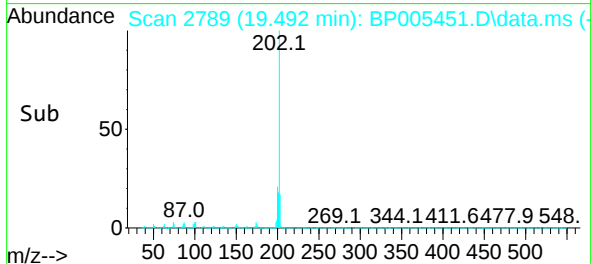
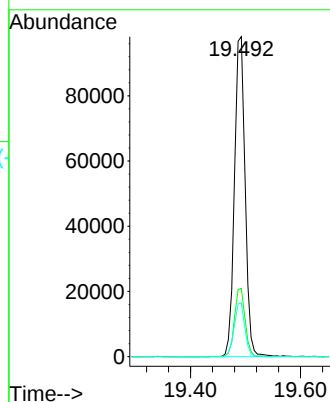
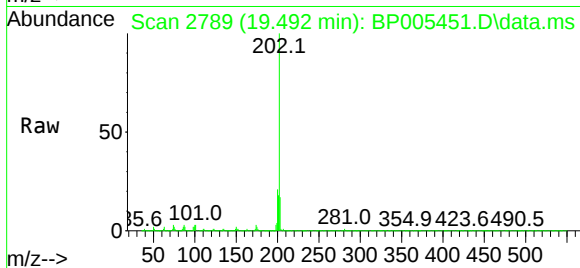
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	16.8	13.8	20.6

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOILDL



#79

Terphenyl-d14

Concen: 13.49 ng

RT: 19.686 min Scan# 2822

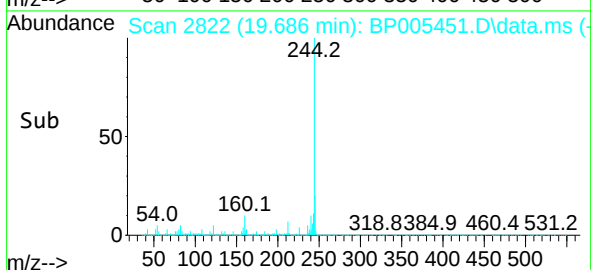
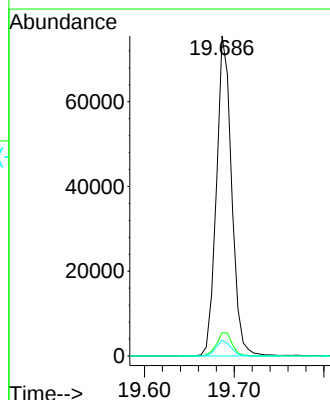
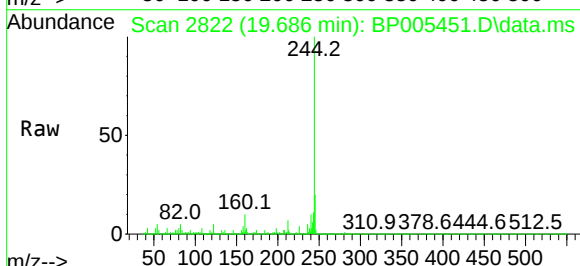
Delta R.T. -0.006 min

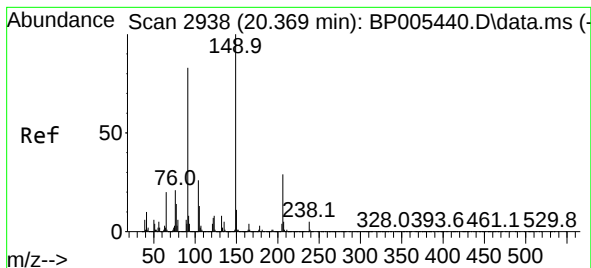
Lab File: BP005451.D

Acq: 06 May 2021 15:01

Tgt Ion:244 Resp: 88998

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	4.9	5.2	7.8#

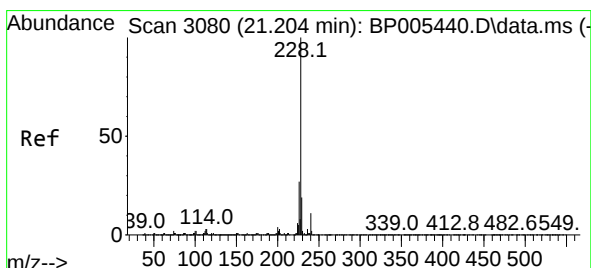
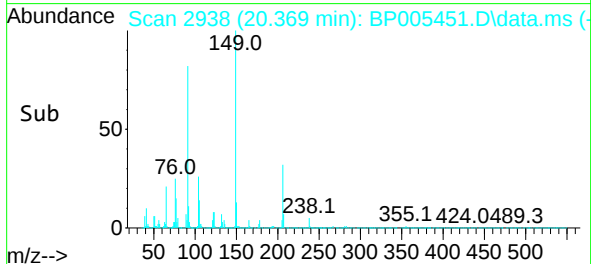
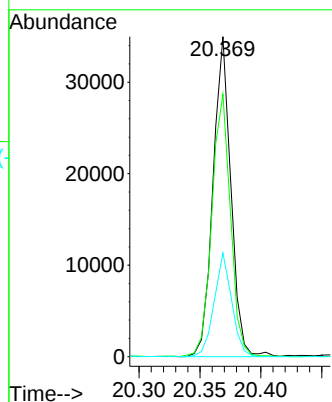
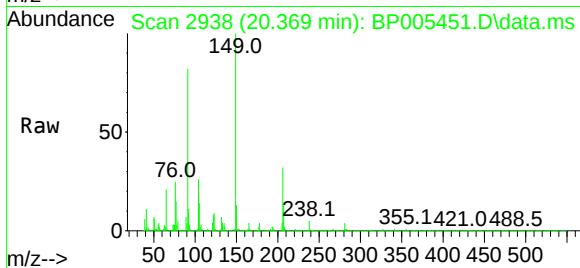




#80
Butylbenzylphthalate
Concen: 17.44 ng
RT: 20.369 min Scan# 2938
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

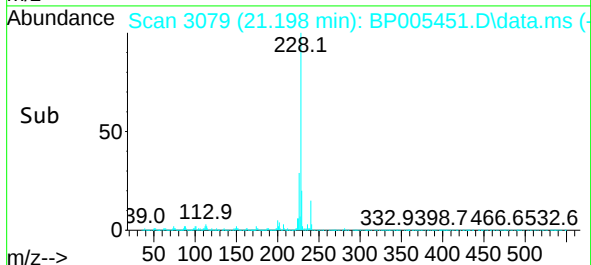
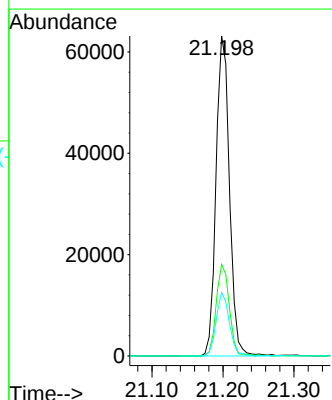
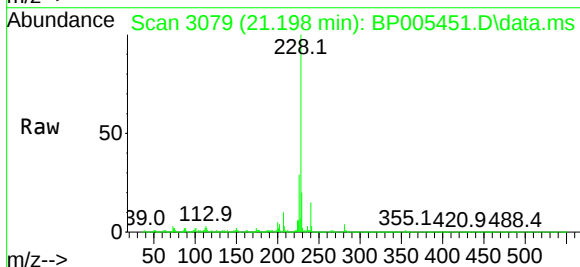
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

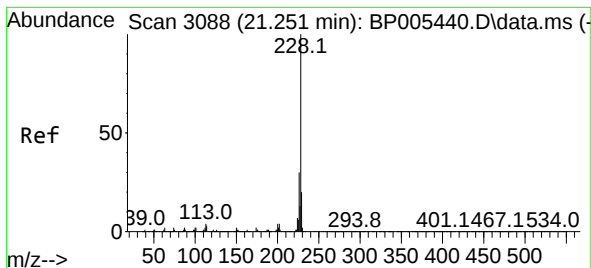
Tgt Ion:149 Resp: 35761
Ion Ratio Lower Upper
149 100
91 82.0 60.2 90.4
206 32.4 23.9 35.9



#81
Benzo(a)anthracene
Concen: 11.38 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:228 Resp: 82677
Ion Ratio Lower Upper
228 100
226 28.6 21.2 31.8
229 19.8 15.6 23.4





#83

Chrysene

Concen: 11.75 ng

RT: 21.198 min Scan# 3079

Delta R.T. -0.053 min

Lab File: BP005451.D

Acq: 06 May 2021 15:01

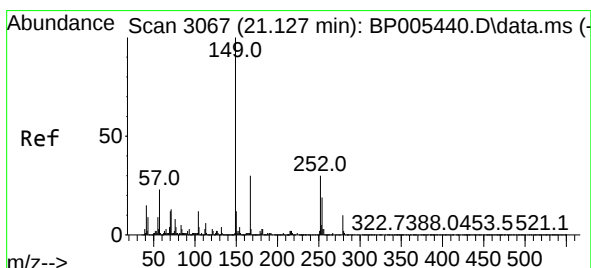
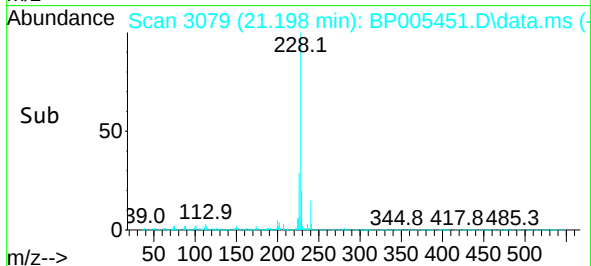
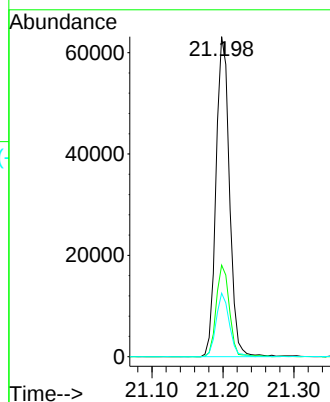
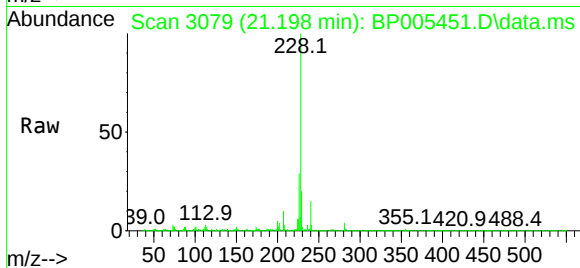
Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOILDL

Tgt Ion:228	Resp:	82677
Ion Ratio	Lower	Upper
228	100	
226	28.6	24.8 37.2
229	19.8	15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.56 ng

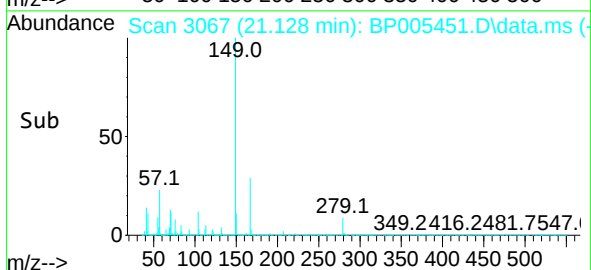
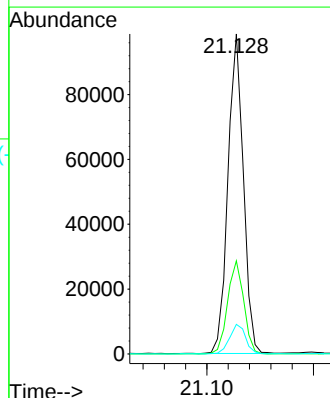
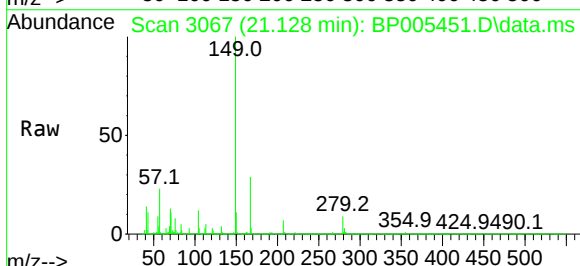
RT: 21.128 min Scan# 3067

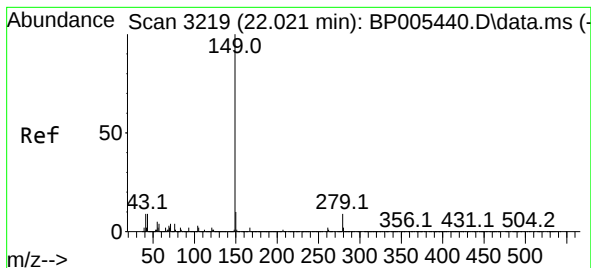
Delta R.T. 0.000 min

Lab File: BP005451.D

Acq: 06 May 2021 15:01

Tgt Ion:149	Resp:	98915
Ion Ratio	Lower	Upper
149	100	
167	29.1	23.8 35.8
279	9.3	5.7 8.5

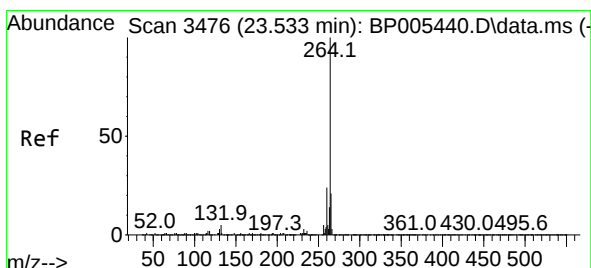
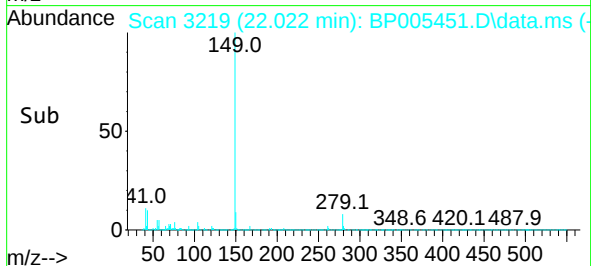
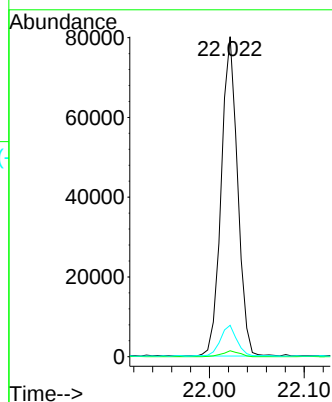
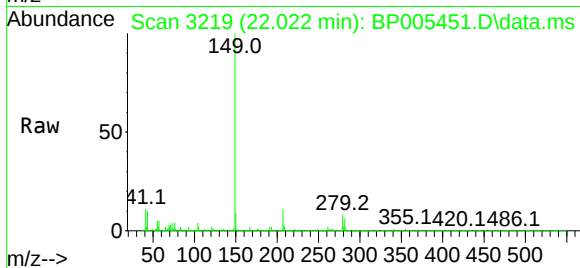




#85
Di-n-octyl phthalate
Concen: 18.31 ng
RT: 22.022 min Scan# 3219
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

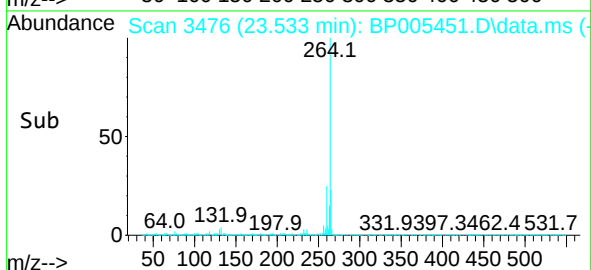
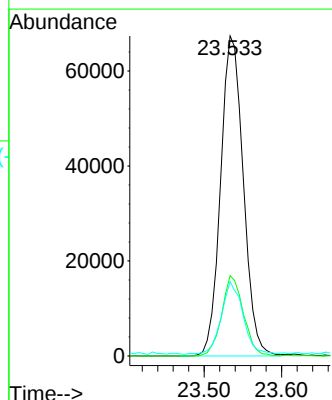
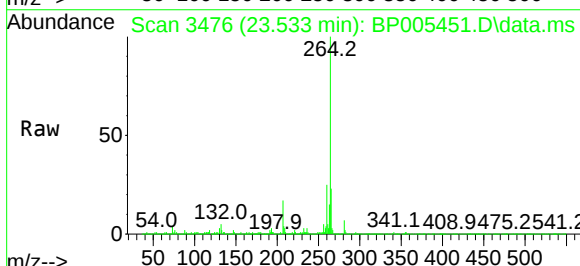
Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

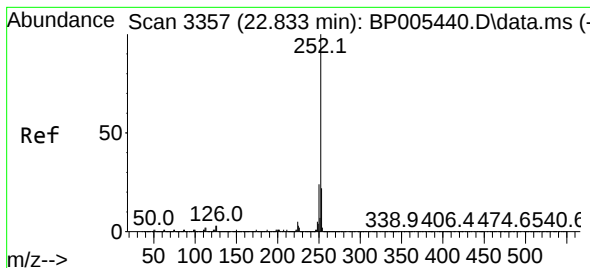
Tgt Ion:149 Resp: 96412
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 10.0 5.1 7.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.533 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Tgt Ion:264 Resp: 137210
Ion Ratio Lower Upper
264 100
260 25.1 20.6 30.8
265 23.3 19.0 28.6





#88

Benzo(b)fluoranthene

Concen: 15.08 ng

RT: 22.827 min Scan# 3356

Delta R.T. -0.006 min

Lab File: BP005451.D

Acq: 06 May 2021 15:01

Instrument :

BNA_P

ClientSampleId :

PT-BNA-SOILDL

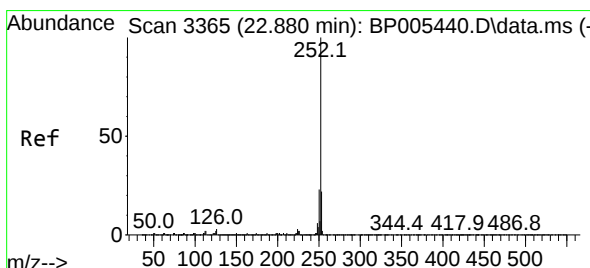
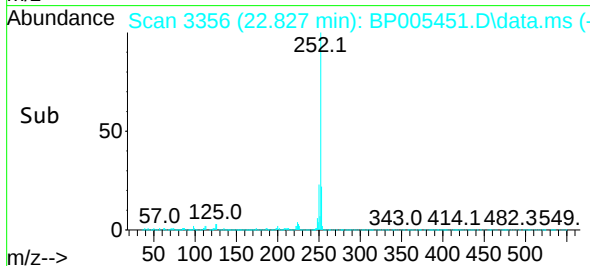
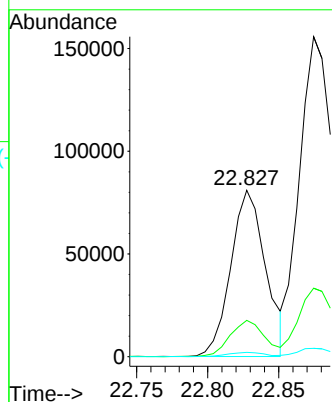
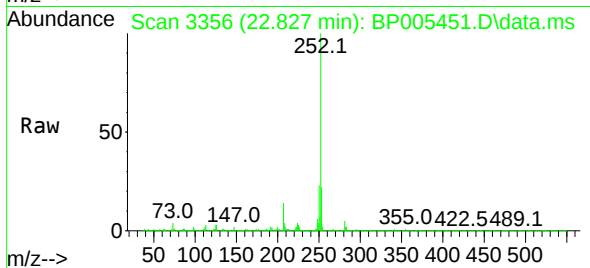
Tgt Ion:252 Resp: 137925

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

125 2.6 3.4 5.0#



#89

Benzo(k)fluoranthene

Concen: 28.78 ng

RT: 22.875 min Scan# 3364

Delta R.T. -0.006 min

Lab File: BP005451.D

Acq: 06 May 2021 15:01

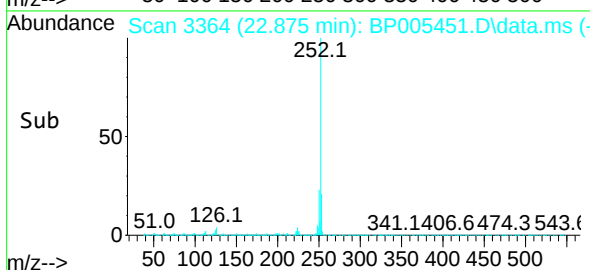
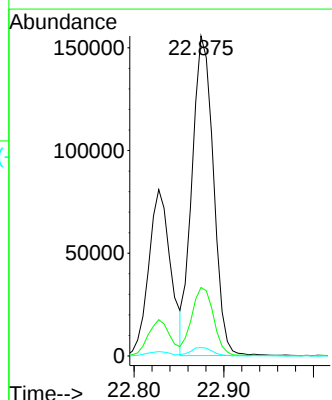
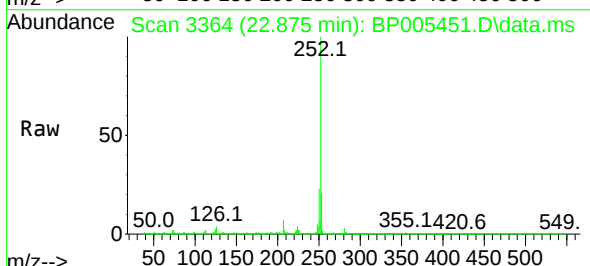
Tgt Ion:252 Resp: 257296

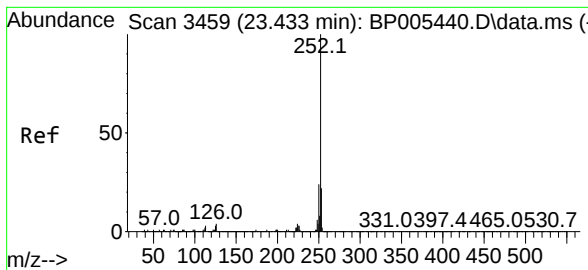
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 2.6 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 28.16 ng
RT: 23.433 min Scan# 3459
Delta R.T. 0.000 min
Lab File: BP005451.D
Acq: 06 May 2021 15:01

Instrument :
BNA_P
ClientSampleId :
PT-BNA-SOILDL

Tgt Ion:252 Resp: 235974
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 2.2 3.8 5.6#

