

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005673.D
 Acq On : 02 Jun 2021 19:30
 Operator : CG/JU
 Sample : M2580-15 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B5(4-6)

Quant Time: Jun 03 02:42:59 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

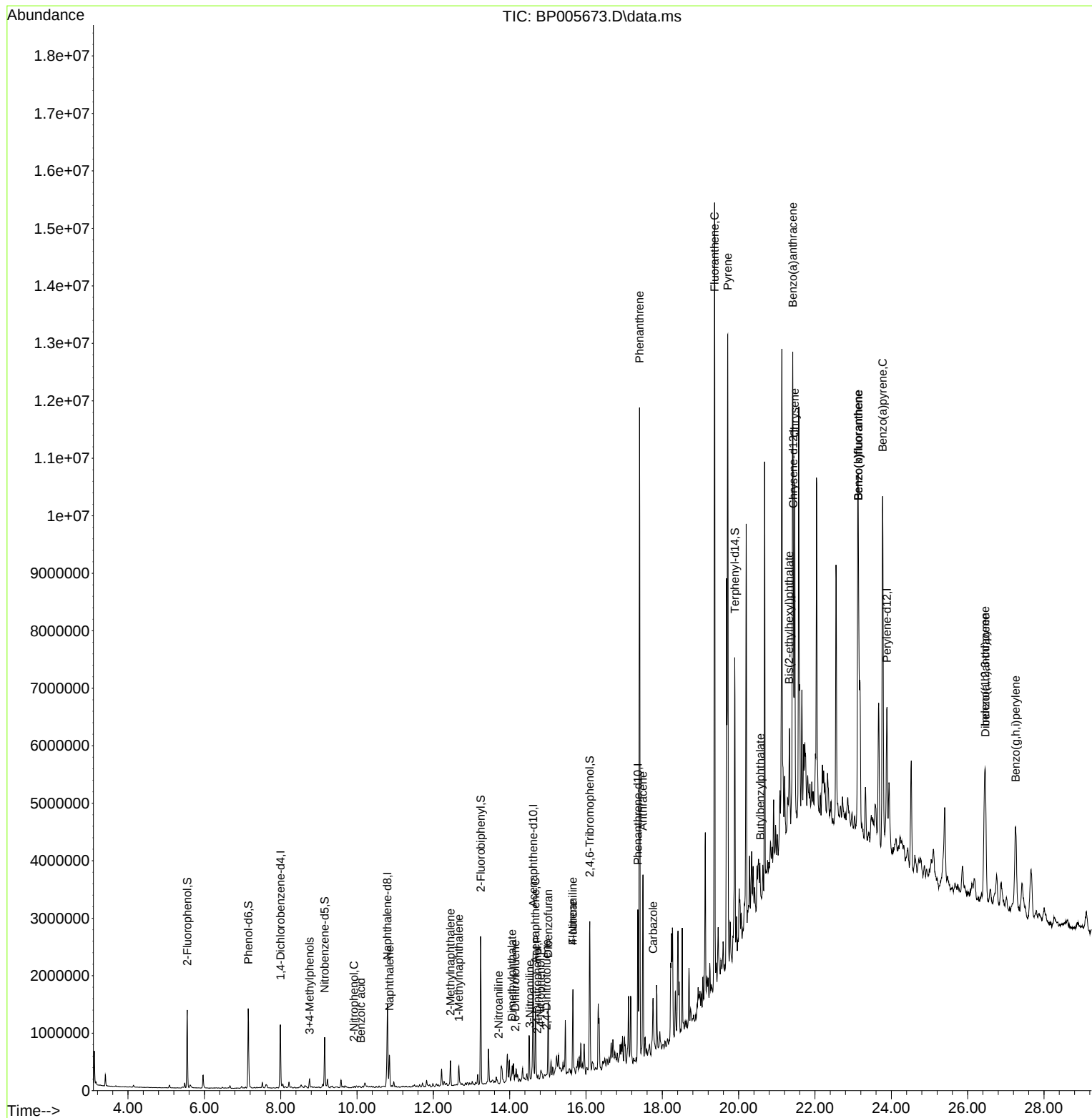
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	307008	20.00	ng	0.00
21) Naphthalene-d8	10.798	136	1184040	20.00	ng	# 0.00
39) Acenaphthene-d10	14.616	164	756778	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	1587219	20.00	ng	# 0.00
76) Chrysene-d12	21.433	240	1669263	20.00	ng	# 0.01
86) Perylene-d12	23.886	264	1972254	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	600888	30.43	ng	0.00
7) Phenol-d6	7.152	99	770876	28.64	ng	0.00
23) Nitrobenzene-d5	9.152	82	500756	23.52	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	480552	49.52	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	1323809	23.15	ng	0.00
79) Terphenyl-d14	19.898	244	2224312	25.00	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.757	107	65575	2.75	ng	83
26) 2-Nitrophenol	9.922	139	367	4.19	ng	# 1
31) Naphthalene	10.851	128	418017	5.93	ng	98
32) Benzoic acid	10.099	122	126	5.02	ng	# 47
37) 2-Methylnaphthalene	12.451	142	203373	4.07	ng	# 89
38) 1-Methylnaphthalene	12.669	142	157882	3.33	ng	# 97
48) 2-Nitroaniline	13.710	65	394	4.52	ng	# 61
50) Dimethylphthalate	14.063	163	146778	2.44	ng	98
51) 2,6-Dinitrotoluene	14.145	165	346	5.08	ng	89
52) Acenaphthene	14.675	154	425244	8.40	ng	97
53) 3-Nitroaniline	14.528	138	908	3.72	ng	# 44
54) 2,4-Dinitrophenol	14.722	184	257	6.57	ng	# 1
55) Dibenzofuran	15.010	168	627133	8.08	ng	96
56) 4-Nitrophenol	14.810	139	8526	4.47	ng	# 47
57) 2,4-Dinitrotoluene	14.963	165	1090	4.32	ng	# 36
58) Fluorene	15.657	166	617004	9.95	ng	98
62) 4-Nitroaniline	15.657	138	6529	4.07	ng	# 2
71) Phenanthrene	17.404	178	7029311	71.09	ng	97
72) Anthracene	17.492	178	1966258	20.14	ng	100
73) Carbazole	17.757	167	566715	5.90	ng	99
75) Fluoranthene	19.369	202	7844918	66.09	ng	94
78) Pyrene	19.716	202	6771398	57.49	ng	97
80) Butylbenzylphthalate	20.569	149	26955	4.65	ng	# 74
81) Benzo(a)anthracene	21.416	228	3836181	31.31	ng	96
83) Chrysene	21.468	228	3242691	27.34	ng	97
84) Bis(2-ethylhexyl)phtha...	21.327	149	488149	7.34	ng	99
87) Indeno(1,2,3-cd)pyrene	26.462	276	2331371	13.89	ng	# 94
88) Benzo(b)fluoranthene	23.139	252	4535287	31.69	ng	# 96
89) Benzo(k)fluoranthene	23.139	252	4535287	33.45	ng	# 93
90) Benzo(a)pyrene	23.774	252	3322511	25.52	ng	# 93
91) Dibenzo(a,h)anthracene	26.468	278	622349	4.27	ng	# 88
92) Benzo(g,h,i)perylene	27.256	276	2179704	15.52	ng	# 94

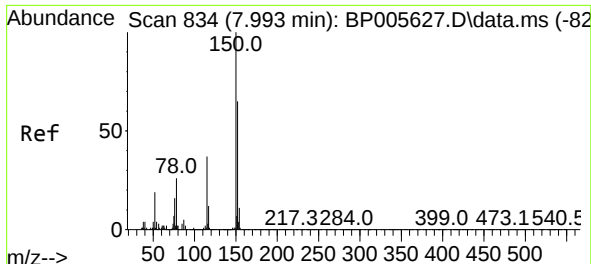
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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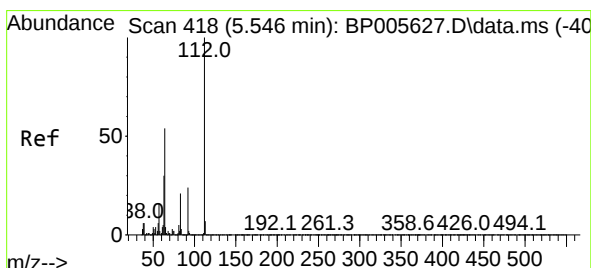
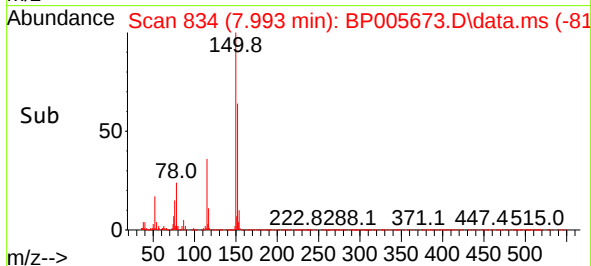
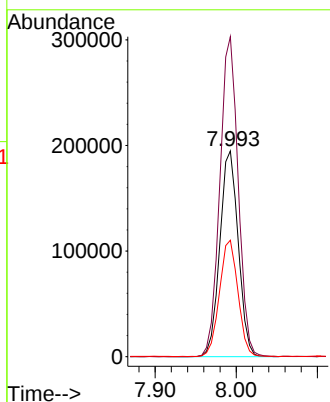
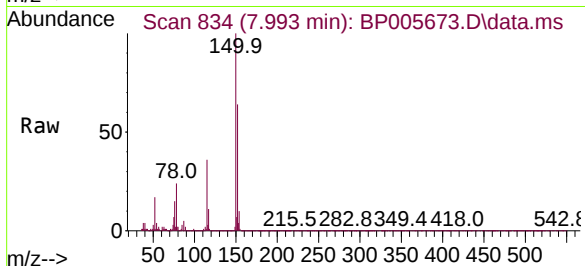




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.993 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

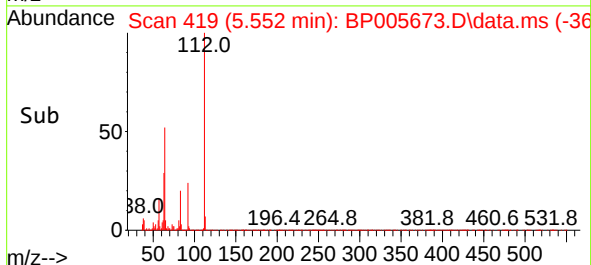
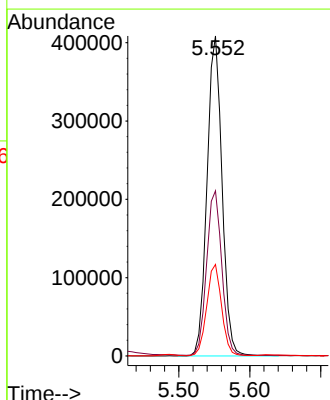
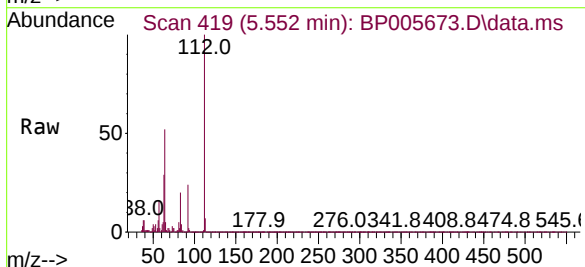
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

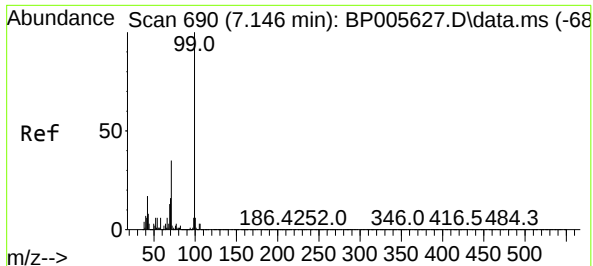
Tgt Ion:152 Resp: 307008
Ion Ratio Lower Upper
152 100
150 155.6 119.8 179.8
115 56.6 49.0 73.4



#5
2-Fluorophenol
Concen: 30.43 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:112 Resp: 600888
Ion Ratio Lower Upper
112 100
64 51.6 33.6 50.4#
63 28.6 18.6 27.8#

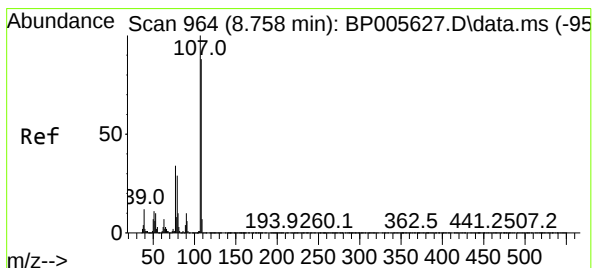
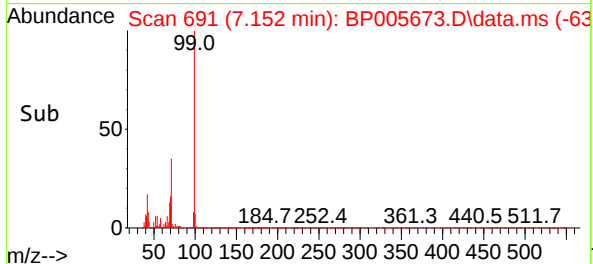
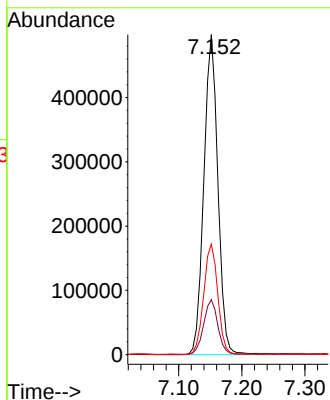
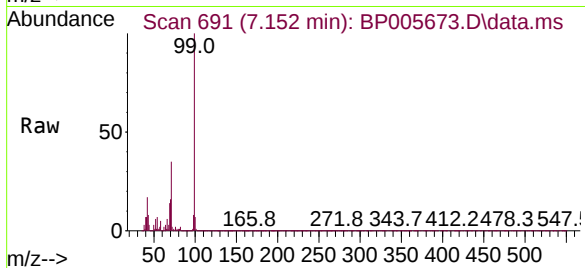




#7
Phenol-d6
Concen: 28.64 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

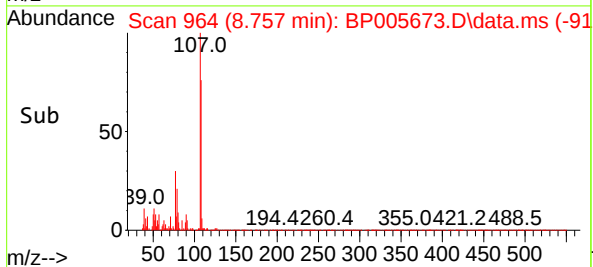
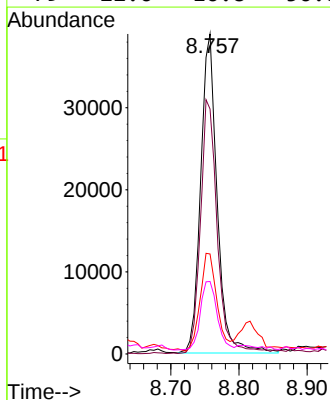
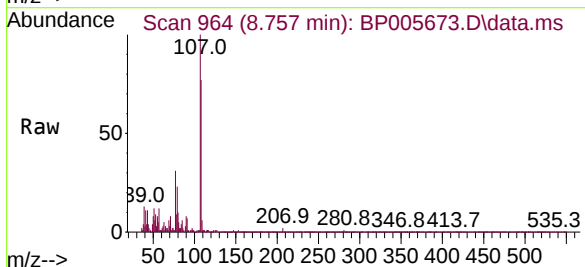
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

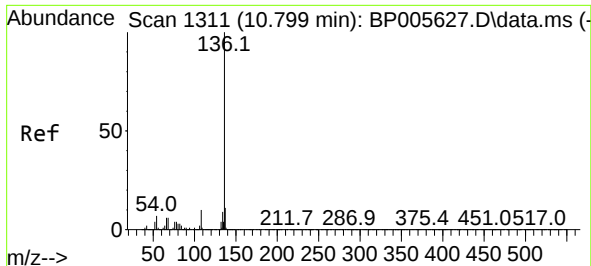
Tgt Ion: 99 Resp: 770876
Ion Ratio Lower Upper
99 100
42 17.2 12.9 19.3
71 34.5 26.7 40.1



#20
3+4-Methylphenols
Concen: 2.75 ng
RT: 8.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion: 107 Resp: 65575
Ion Ratio Lower Upper
107 100
108 76.6 69.5 109.5
77 31.3 21.5 61.5
79 22.6 16.8 56.8



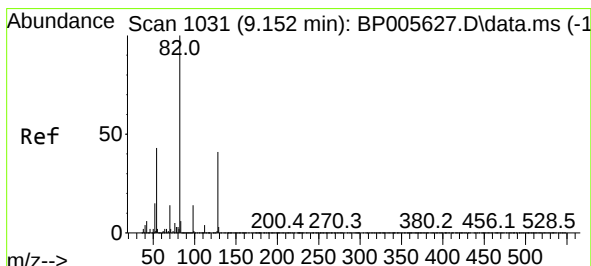
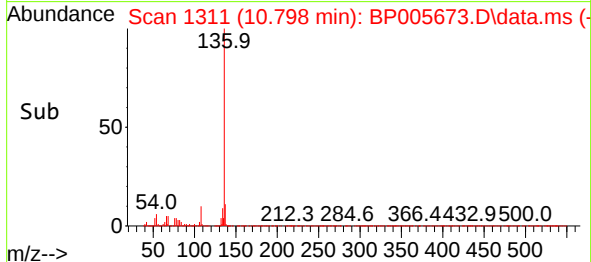
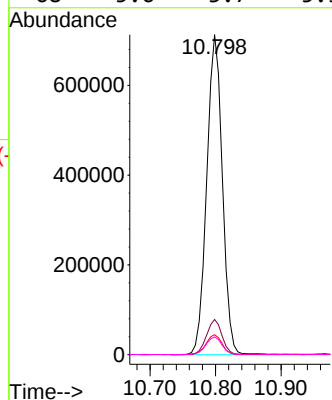
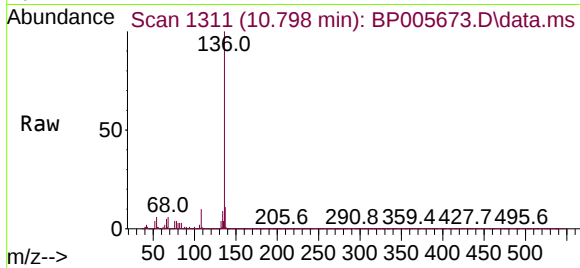


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.798 min Scan# 1311
Delta R.T. -0.001 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

Tgt Ion:136 Resp: 1184040

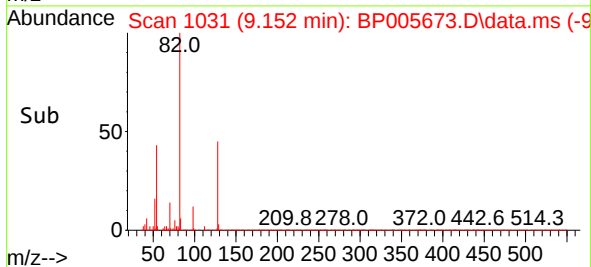
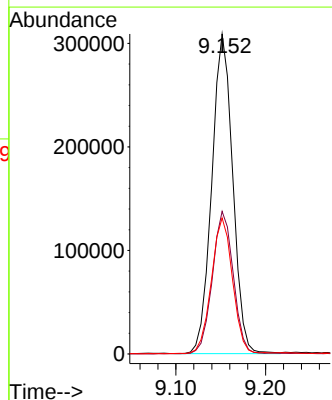
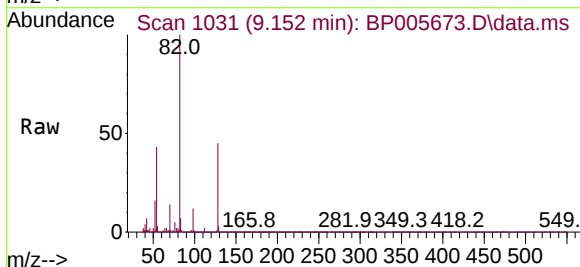
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.2	5.0	7.4
68	5.6	3.7	5.5

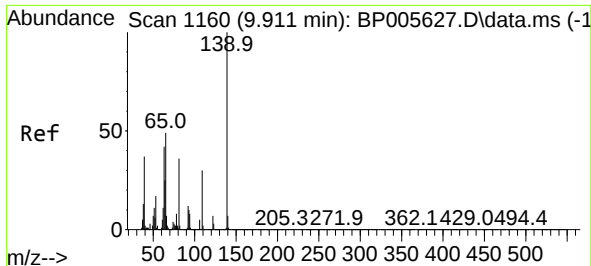


#23
Nitrobenzene-d5
Concen: 23.52 ng
RT: 9.152 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion: 82 Resp: 500756

Ion	Ratio	Lower	Upper
82	100		
128	44.6	30.5	45.7
54	42.5	33.9	50.9

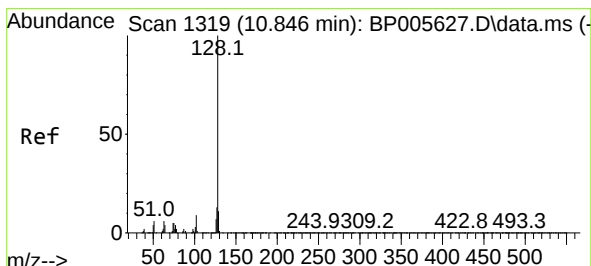
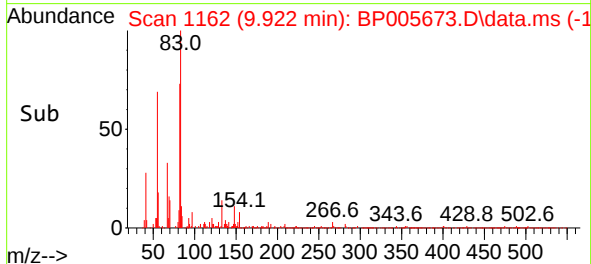
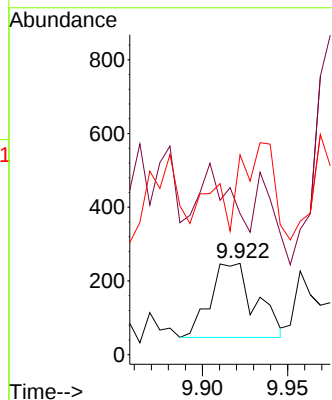
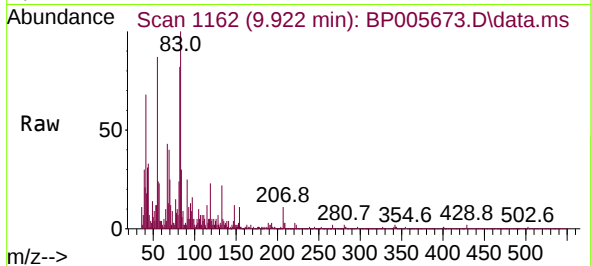




#26
2-Nitrophenol
Concen: 4.19 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.011 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

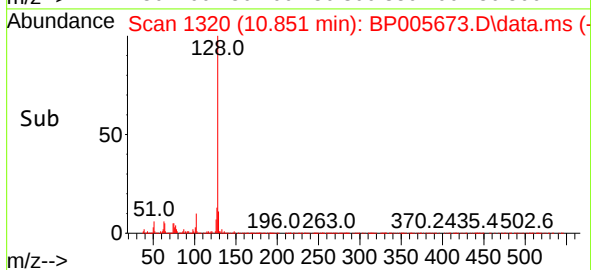
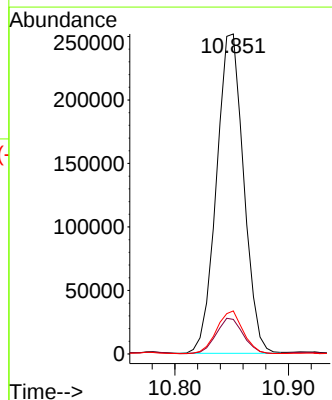
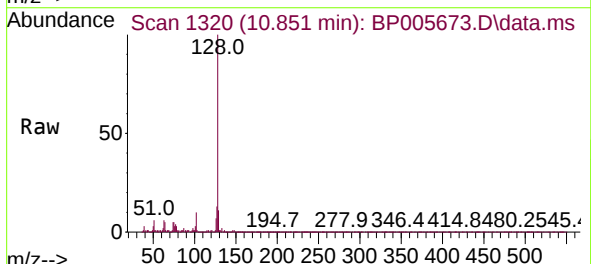
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

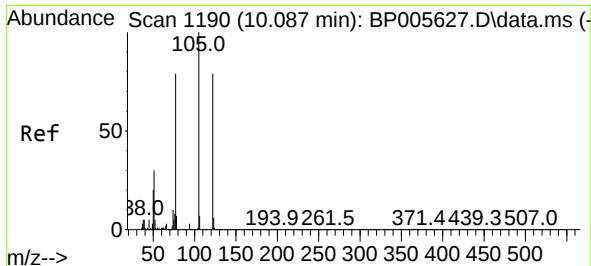
Tgt Ion:139 Resp: 367
Ion Ratio Lower Upper
139 100
109 154.4 40.7 61.1#
65 218.5 47.8 71.6#



#31
Naphthalene
Concen: 5.93 ng
RT: 10.851 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:128 Resp: 418017
Ion Ratio Lower Upper
128 100
129 10.8 8.0 12.0
127 13.4 11.1 16.7

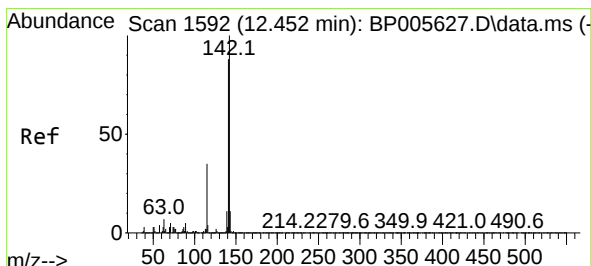
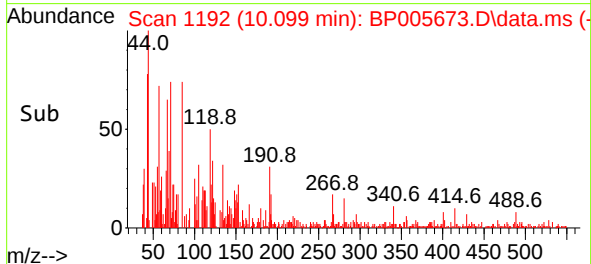
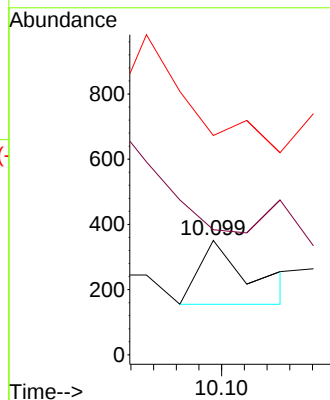
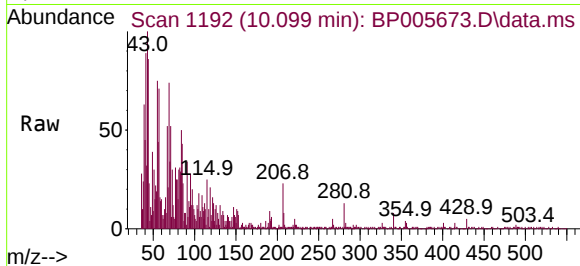




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.099 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

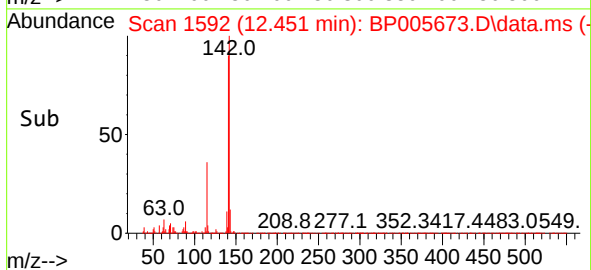
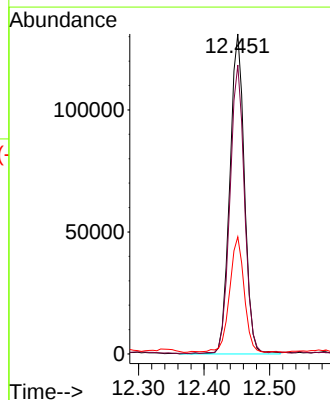
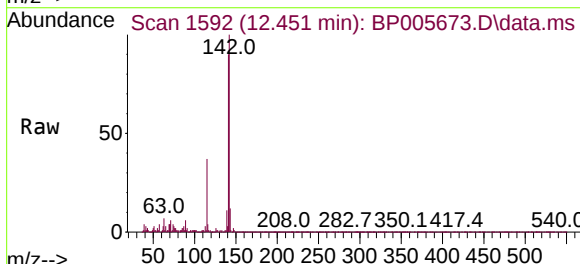
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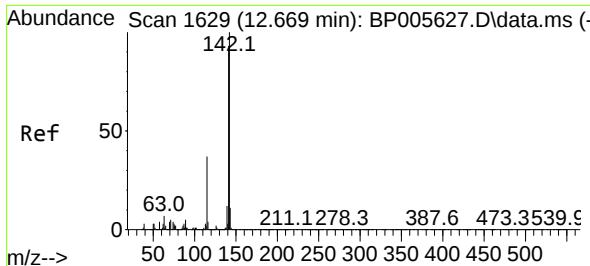
Tgt Ion:122 Resp: 126
Ion Ratio Lower Upper
122 100
105 109.4 105.1 145.1
77 191.7 69.6 109.6#



#37
2-Methylnaphthalene
Concen: 4.07 ng
RT: 12.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:142 Resp: 203373
Ion Ratio Lower Upper
142 100
141 90.3 74.7 112.1
115 36.6 43.8 65.8#

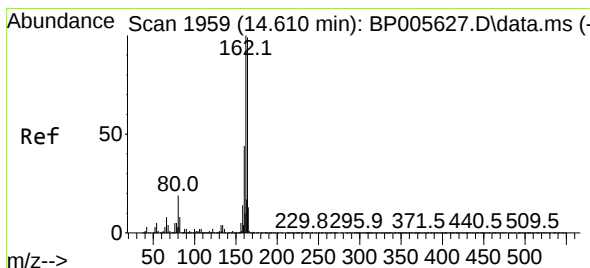
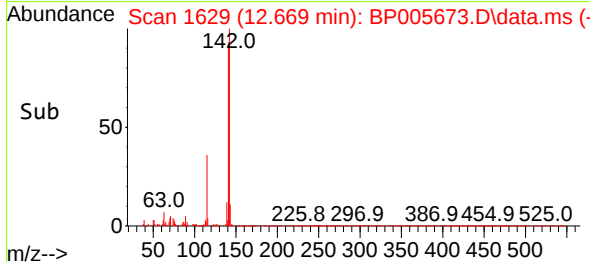
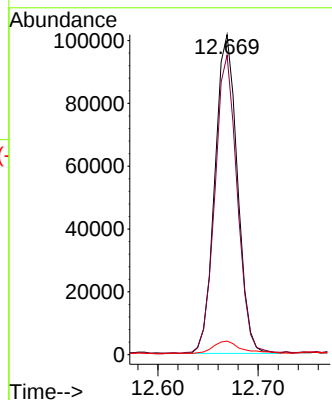
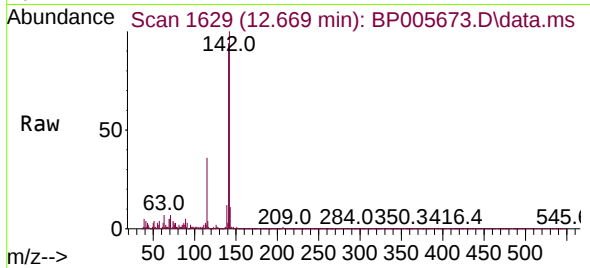




#38
1-Methylnaphthalene
Concen: 3.33 ng
RT: 12.669 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

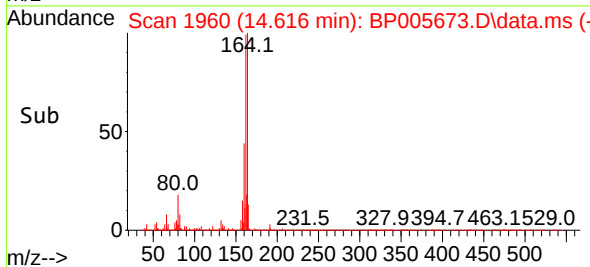
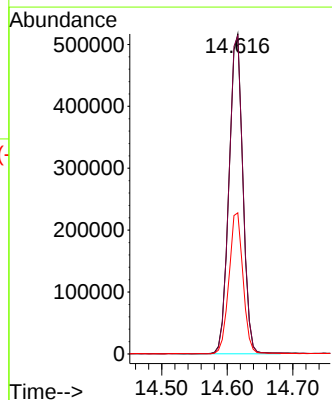
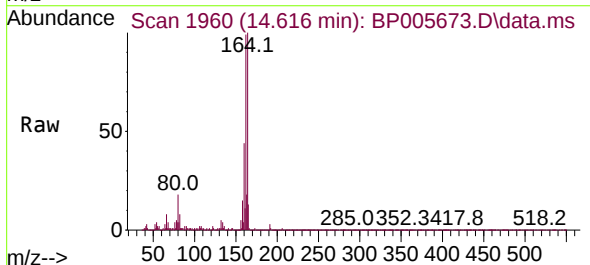
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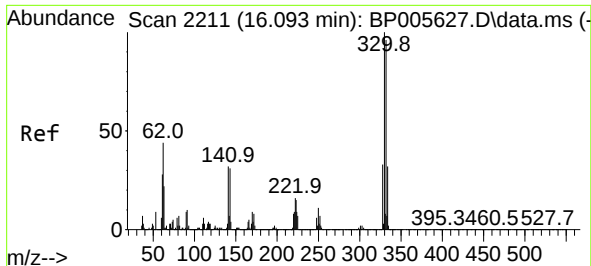
Tgt Ion:142 Resp: 157882
Ion Ratio Lower Upper
142 100
141 93.6 77.0 115.6
116 4.2 5.0 7.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:164 Resp: 756778
Ion Ratio Lower Upper
164 100
162 99.4 73.5 110.3
160 44.1 40.6 61.0

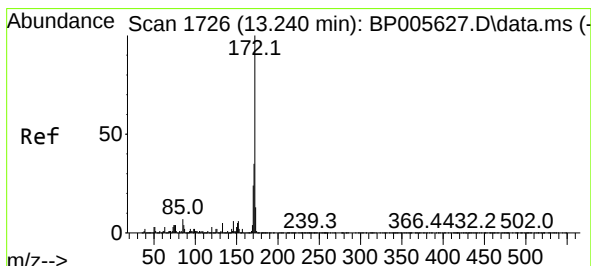
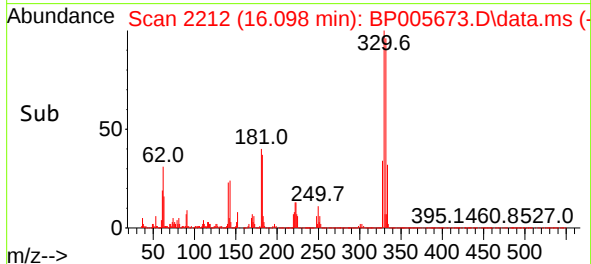
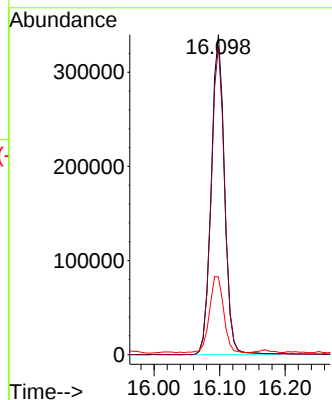
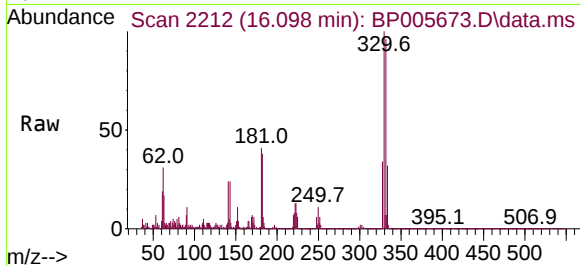




#42
2,4,6-Tribromophenol
Concen: 49.52 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

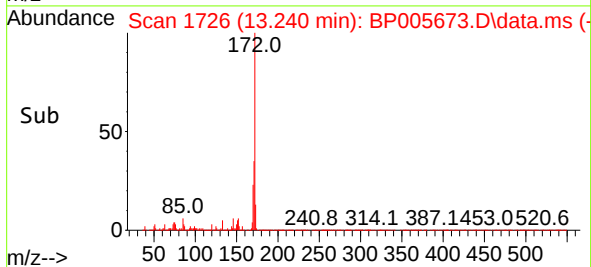
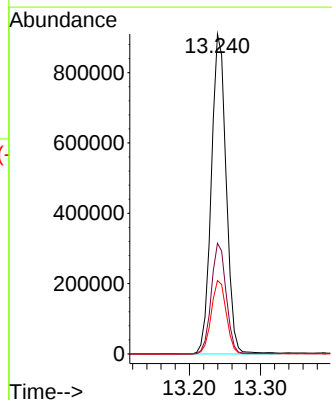
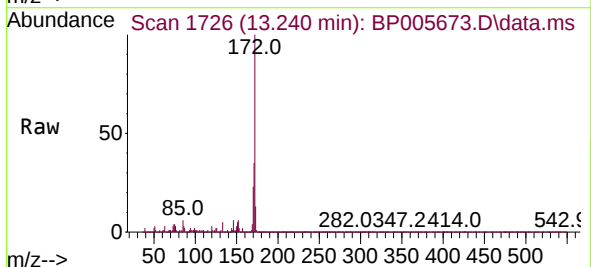
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

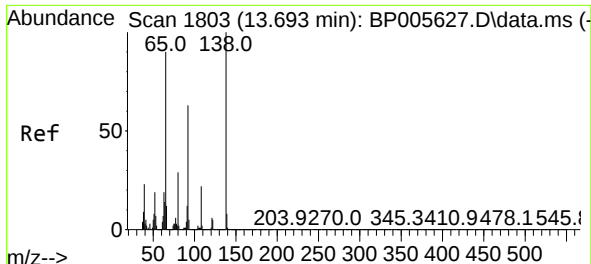
Tgt Ion:330 Resp: 480552
Ion Ratio Lower Upper
330 100
332 96.9 76.3 114.5
141 25.6 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 23.15 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:172 Resp: 1323809
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.9 19.6 29.4

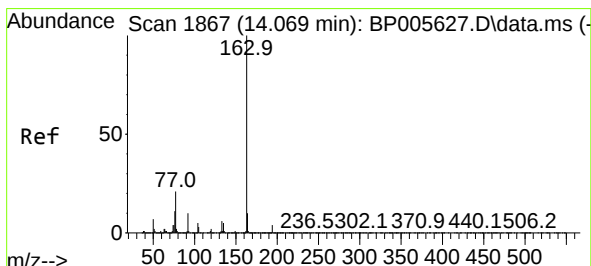
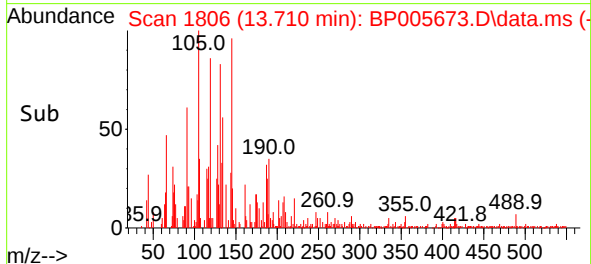
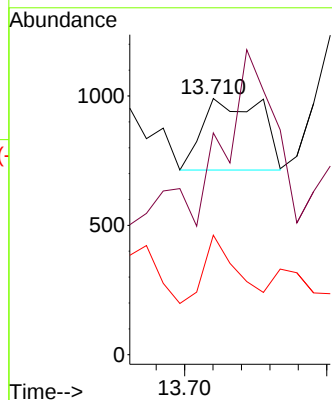
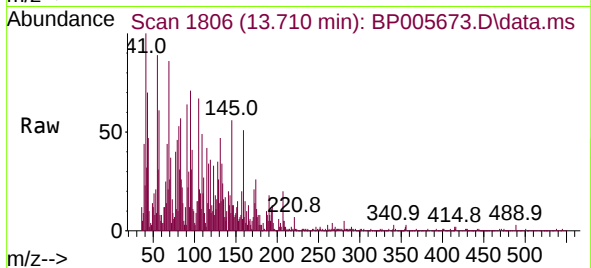




#48
2-Nitroaniline
Concen: 4.52 ng
RT: 13.710 min Scan# 1806
Delta R.T. 0.017 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

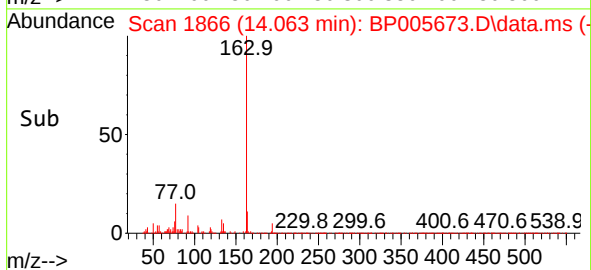
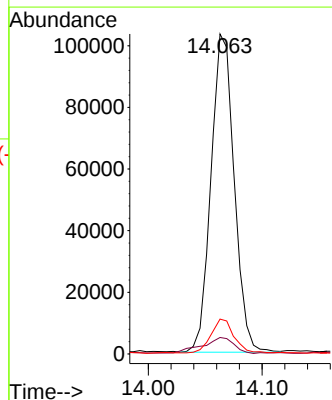
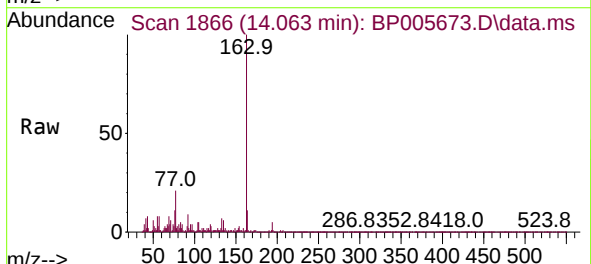
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

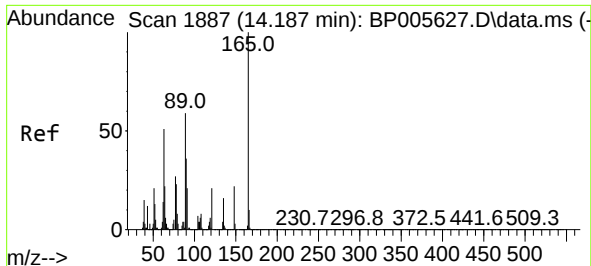
Tgt Ion: 65 Resp: 394
Ion Ratio Lower Upper
65 100
92 86.6 48.8 73.2#
138 46.7 69.5 104.3#



#50
Dimethylphthalate
Concen: 2.44 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion: 163 Resp: 146778
Ion Ratio Lower Upper
163 100
194 5.2 3.9 5.9
164 10.9 8.1 12.1

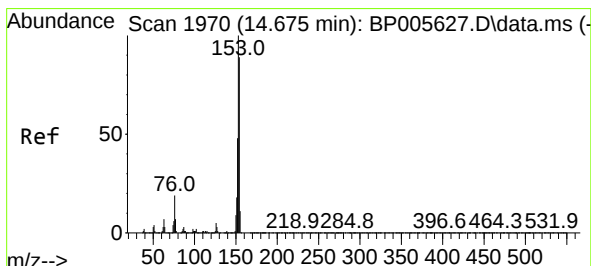
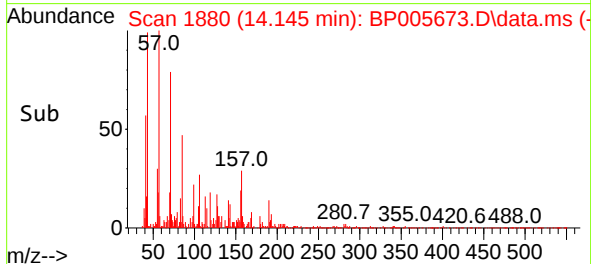
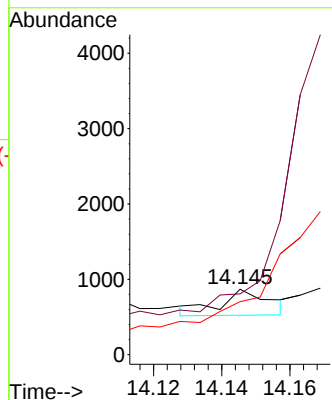
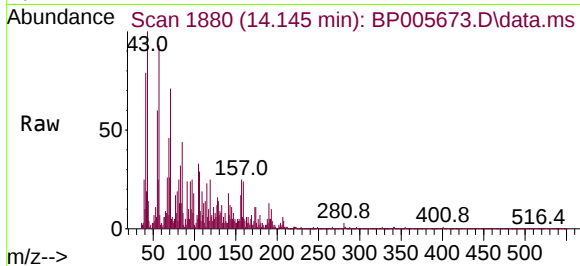




#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.145 min Scan# 1880
Delta R.T. -0.042 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

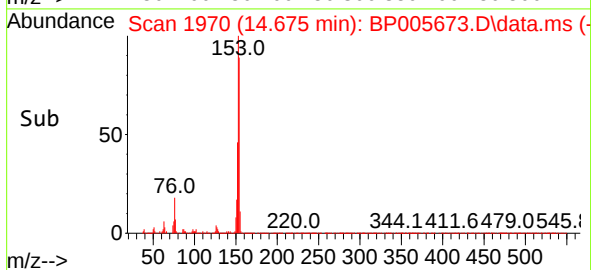
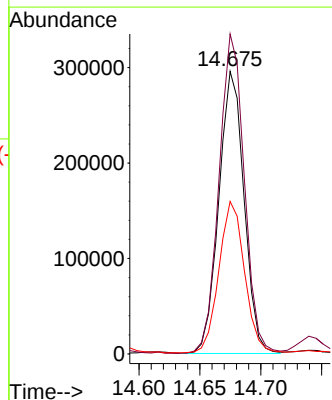
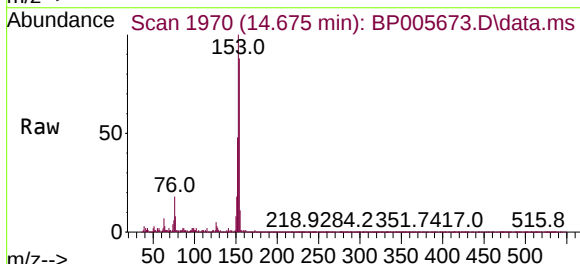
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

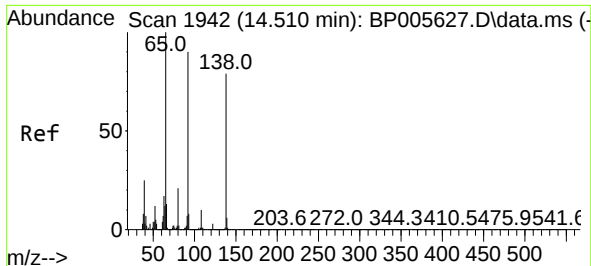
Tgt Ion:165 Resp: 346
Ion Ratio Lower Upper
165 100
63 93.1 67.4 101.0
89 81.0 73.8 110.6



#52
Acenaphthene
Concen: 8.40 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:154 Resp: 425244
Ion Ratio Lower Upper
154 100
153 113.2 90.9 136.3
152 54.0 48.5 72.7

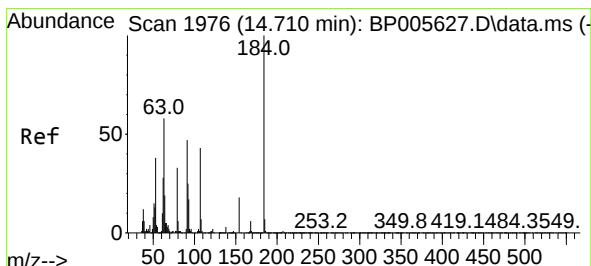
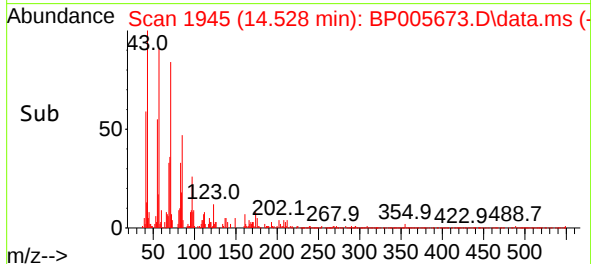
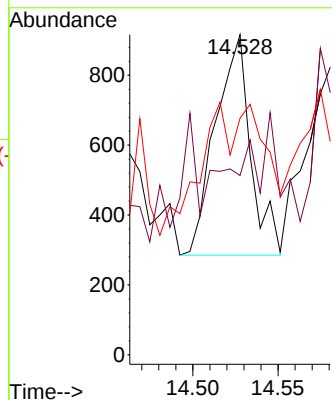
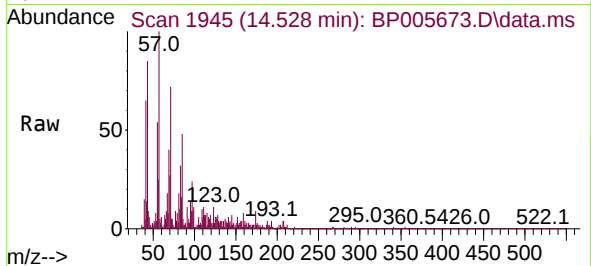




#53
3-Nitroaniline
Concen: 3.72 ng
RT: 14.528 min Scan# 1945
Delta R.T. 0.018 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

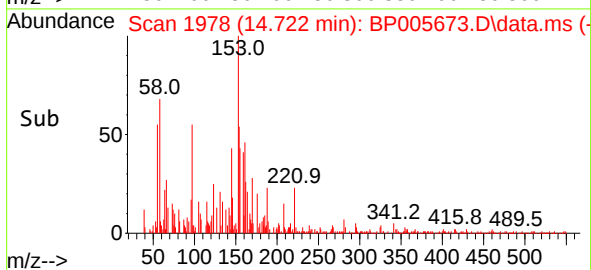
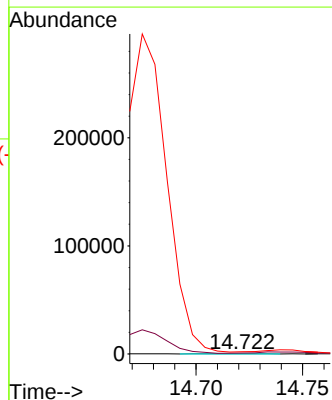
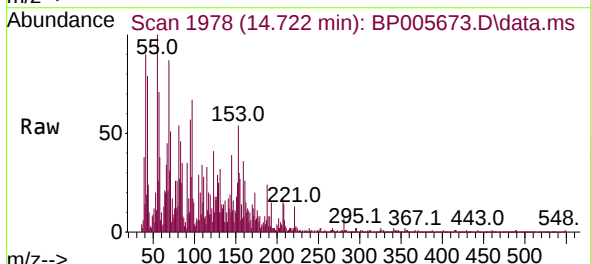
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

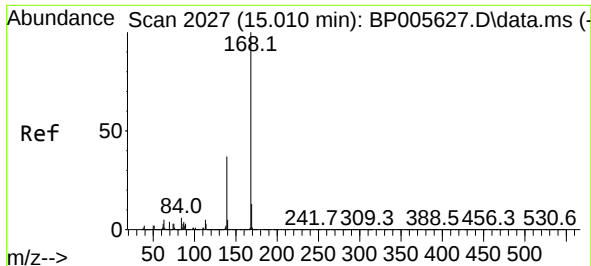
Tgt Ion:138 Resp: 908
Ion Ratio Lower Upper
138 100
108 56.0 10.2 15.4#
92 73.9 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.57 ng
RT: 14.722 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:184 Resp: 257
Ion Ratio Lower Upper
184 100
63 511.2 51.2 76.8#
154 1144.7 55.8 83.8#

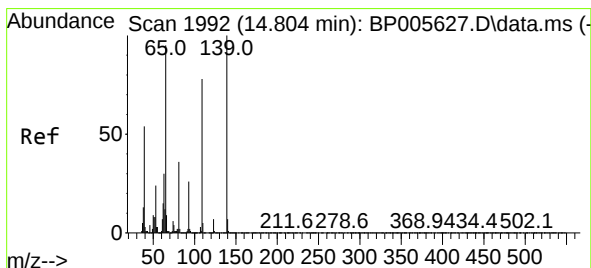
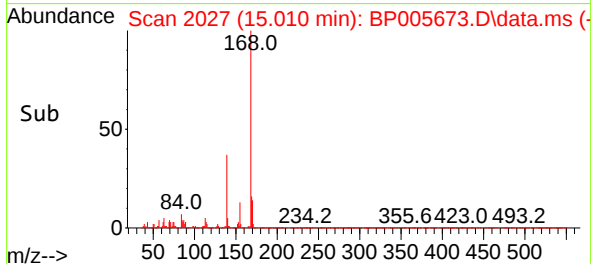
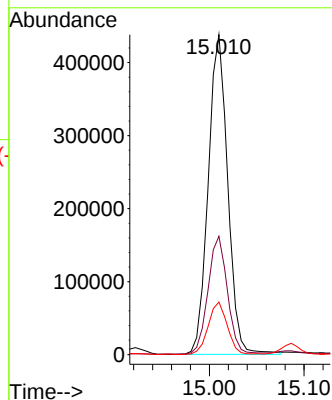
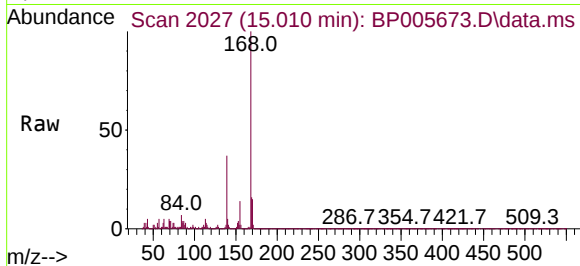




#55
Dibenzenofuran
Concen: 8.08 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

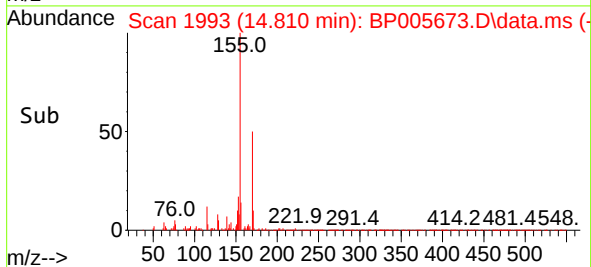
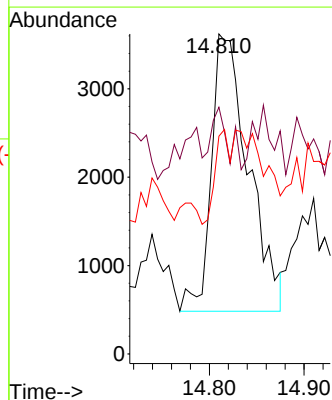
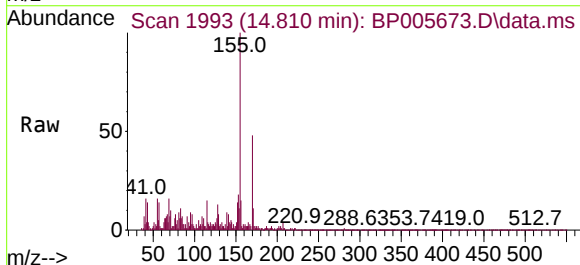
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

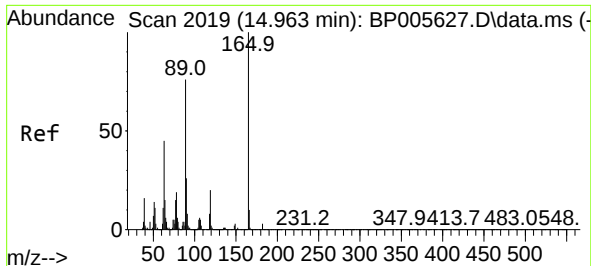
Tgt Ion:168 Resp: 627133
Ion Ratio Lower Upper
168 100
139 37.0 31.4 47.0
169 16.5 11.4 17.0



#56
4-Nitrophenol
Concen: 4.47 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:139 Resp: 8526
Ion Ratio Lower Upper
139 100
109 77.1 122.8 162.8#
65 68.0 110.0 150.0#

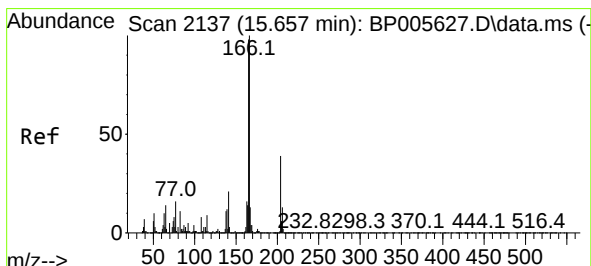
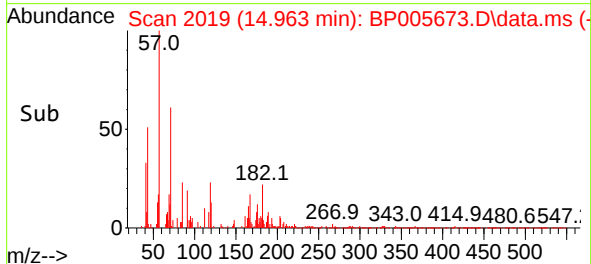
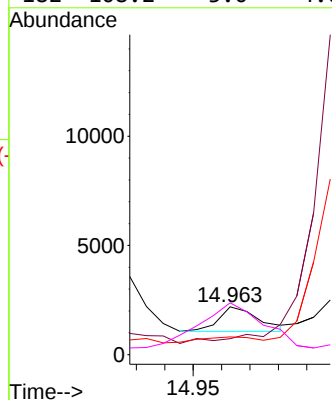
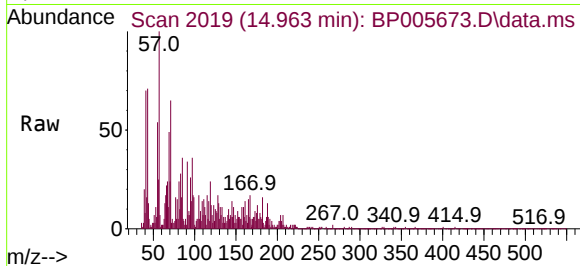




#57
2,4-Dinitrotoluene
Concen: 4.32 ng
RT: 14.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

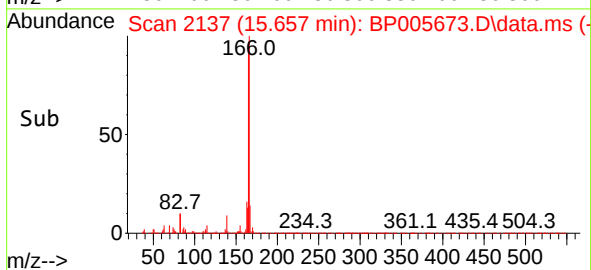
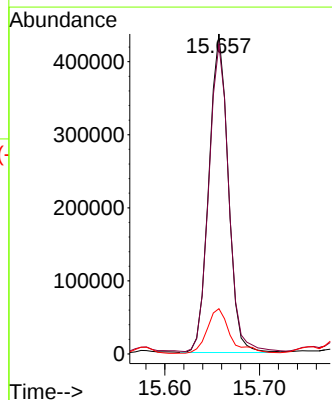
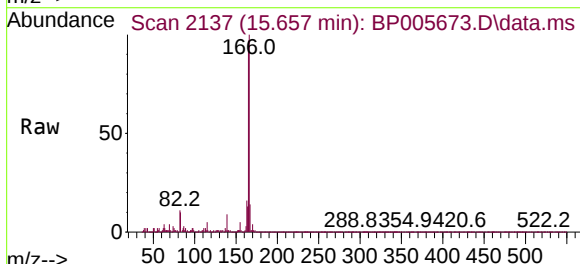
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

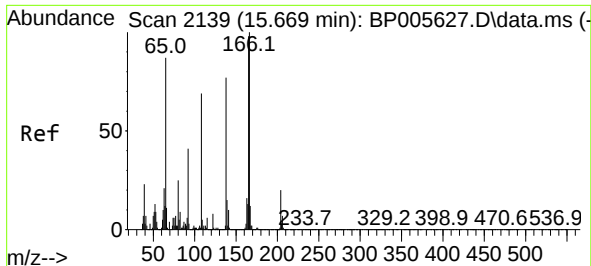
Tgt Ion:165 Resp: 1090
Ion Ratio Lower Upper
165 100
63 33.5 56.7 85.1#
89 37.0 85.8 128.6#
182 108.2 3.0 4.6#



#58
Fluorene
Concen: 9.95 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:166 Resp: 617004
Ion Ratio Lower Upper
166 100
165 96.7 78.8 118.2
167 14.1 10.9 16.3

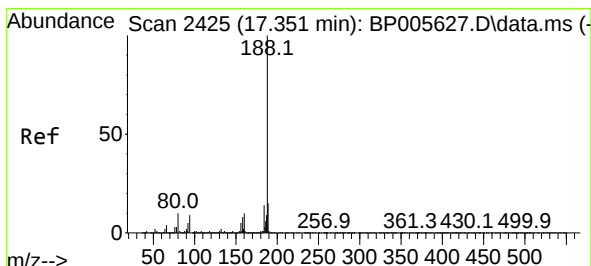
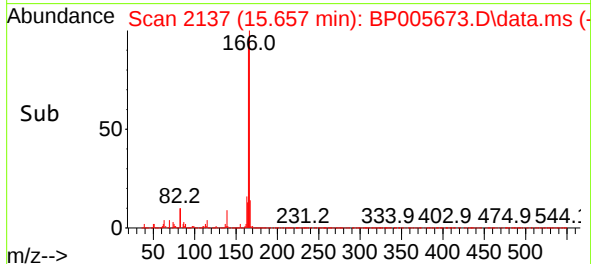
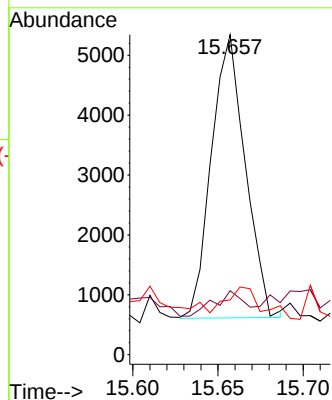
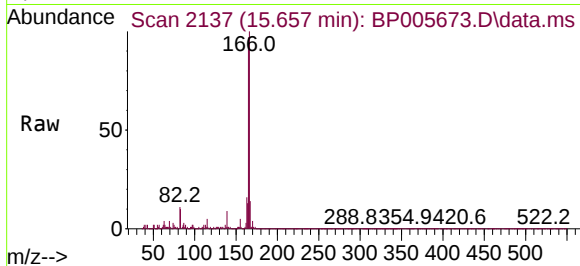




#62
4-Nitroaniline
Concen: 4.07 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.012 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

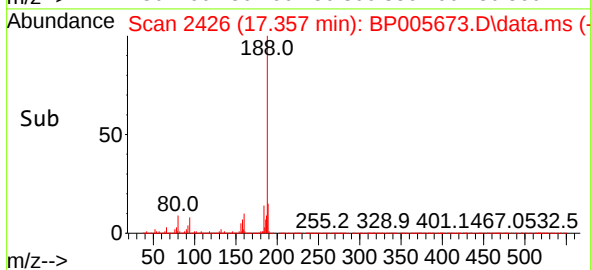
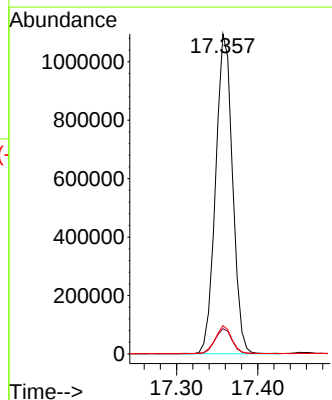
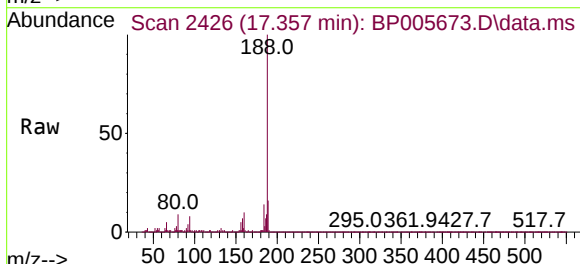
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

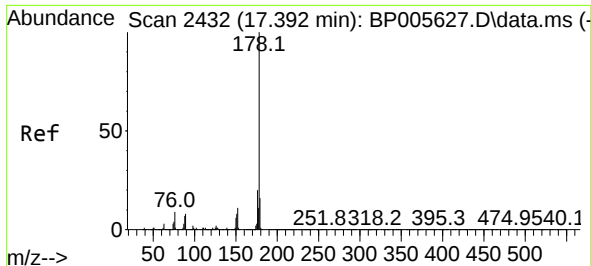
Tgt Ion:138 Resp: 6529
Ion Ratio Lower Upper
138 100
92 20.0 50.9 90.9#
108 17.1 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:188 Resp: 1587219
Ion Ratio Lower Upper
188 100
94 7.9 5.0 7.6#
80 8.8 5.9 8.9

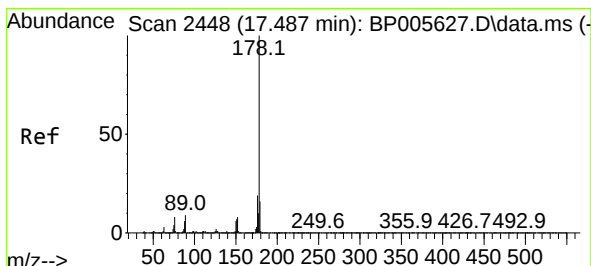
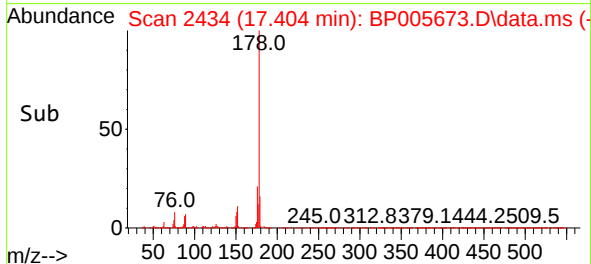
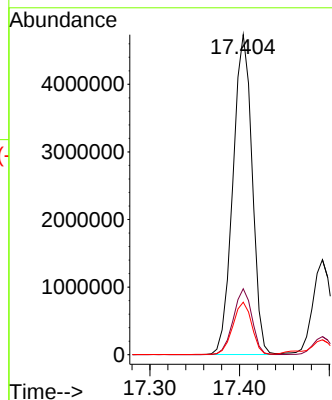
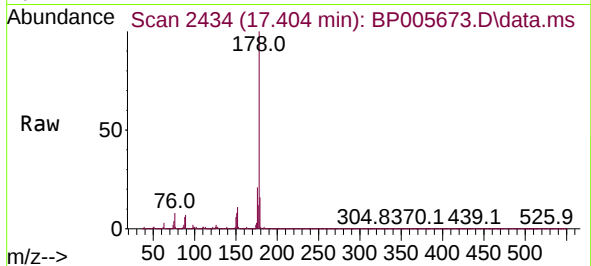




#71
Phenanthrene
Concen: 71.09 ng
RT: 17.404 min Scan# 2434
Delta R.T. 0.012 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

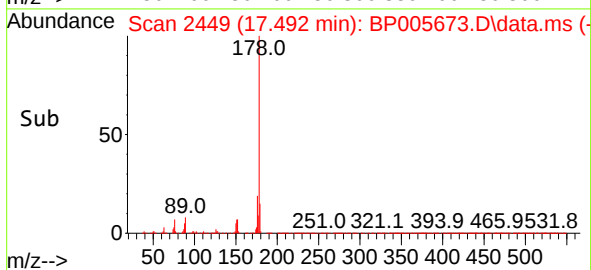
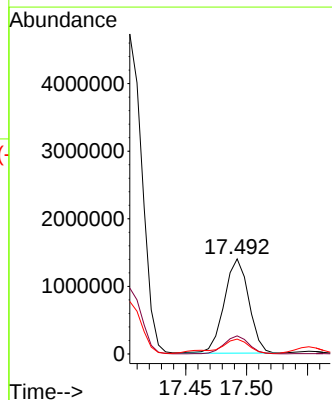
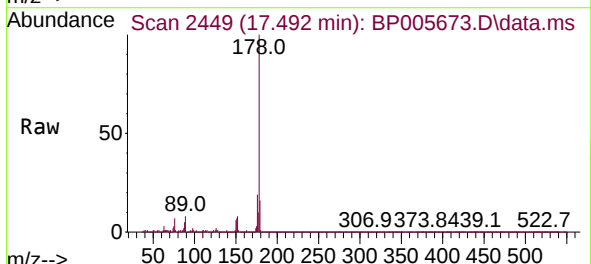
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

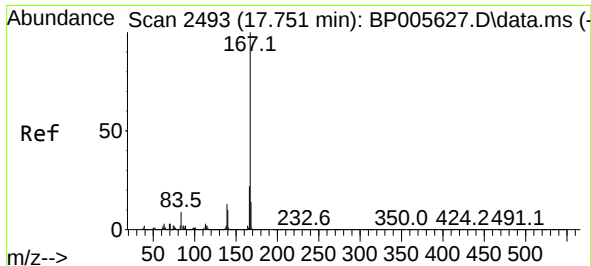
Tgt Ion:178 Resp: 7029311
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.2
179 16.4 12.3 18.5



#72
Anthracene
Concen: 20.14 ng
RT: 17.492 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:178 Resp: 1966258
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.6 12.6 19.0

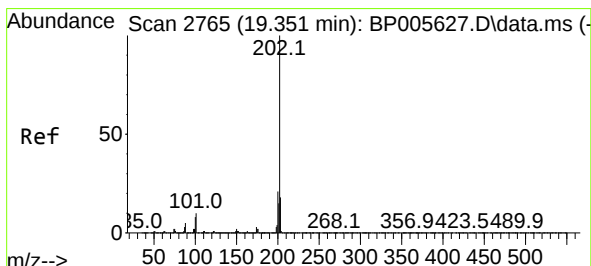
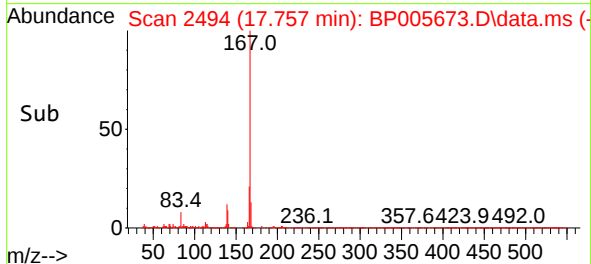
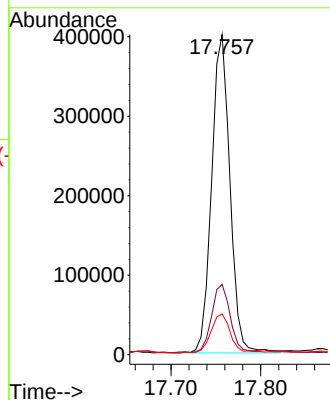
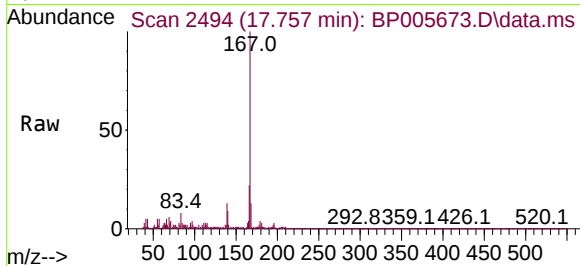




#73
 Carbazole
 Concen: 5.90 ng
 RT: 17.757 min Scan# 2494
 Delta R.T. 0.006 min
 Lab File: BP005673.D
 Acq: 02 Jun 2021 19:30

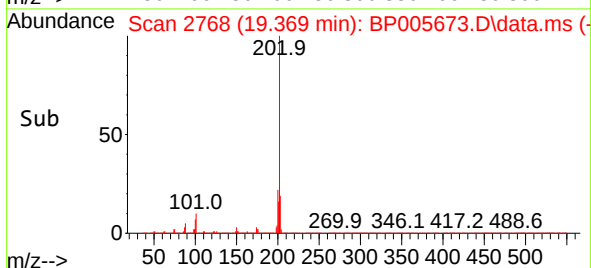
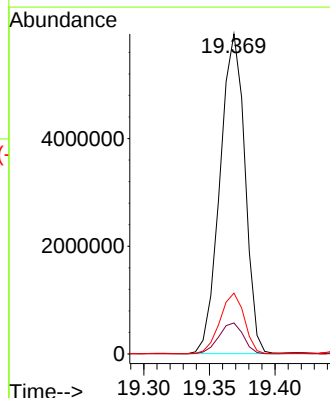
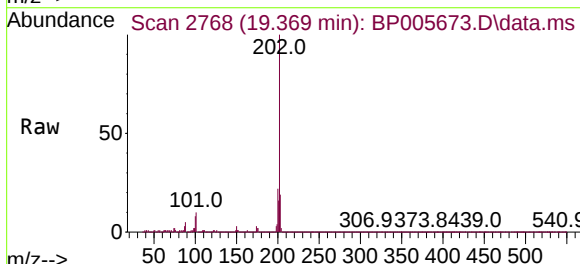
Instrument :
 BNA_P
 ClientSampleId :
 18-B5(4-6)

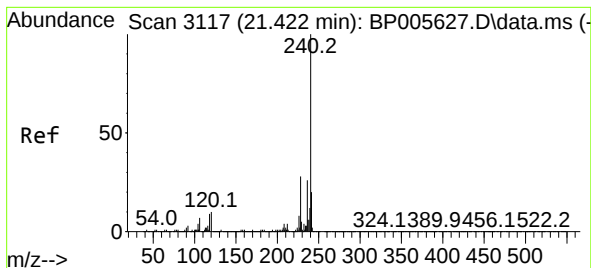
Tgt Ion:167	Resp: 566715
Ion Ratio	Lower Upper
167 100	
166 21.9	17.4 26.0
139 12.8	10.4 15.6



#75
 Fluoranthene
 Concen: 66.09 ng
 RT: 19.369 min Scan# 2768
 Delta R.T. 0.017 min
 Lab File: BP005673.D
 Acq: 02 Jun 2021 19:30

Tgt Ion:202	Resp: 7844918
Ion Ratio	Lower Upper
202 100	
101 9.7	0.0 26.1
203 19.0	0.0 37.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.433 min Scan# 3119

Delta R.T. 0.011 min

Lab File: BP005673.D

Acq: 02 Jun 2021 19:30

Tgt Ion:240 Resp: 1669263

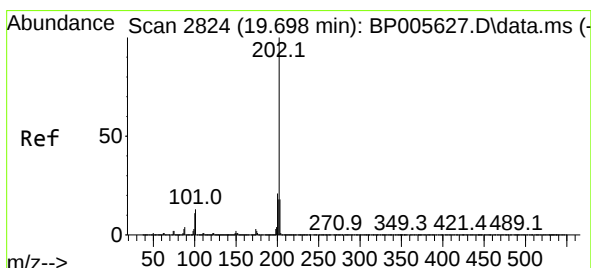
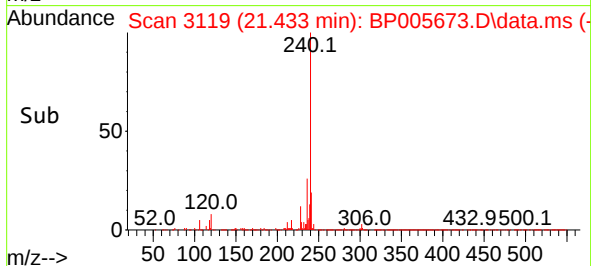
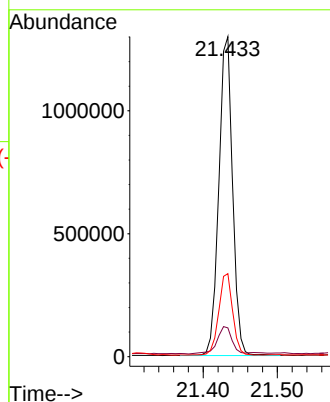
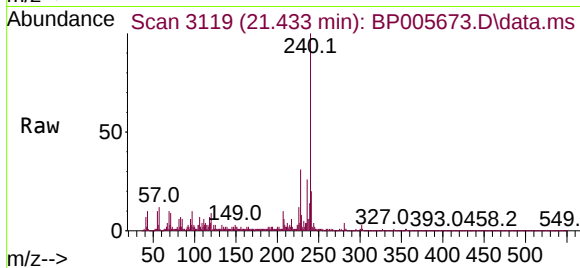
Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.2	6.2#
236	26.0	20.2	30.2

Instrument :

BNA_P

ClientSampleId :

18-B5(4-6)



#78

Pyrene

Concen: 57.49 ng

RT: 19.716 min Scan# 2827

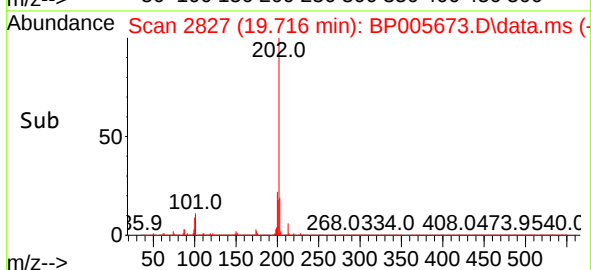
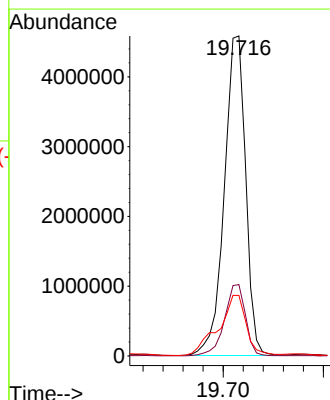
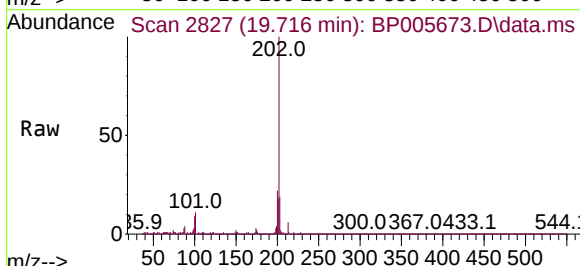
Delta R.T. 0.017 min

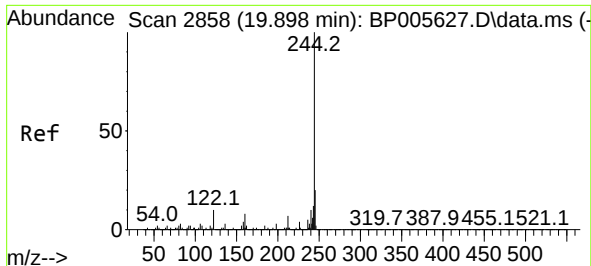
Lab File: BP005673.D

Acq: 02 Jun 2021 19:30

Tgt Ion:202 Resp: 6771398

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	18.9	13.8	20.6

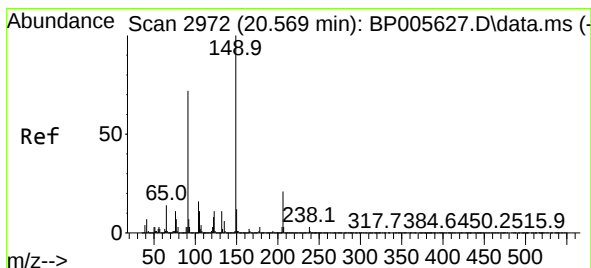
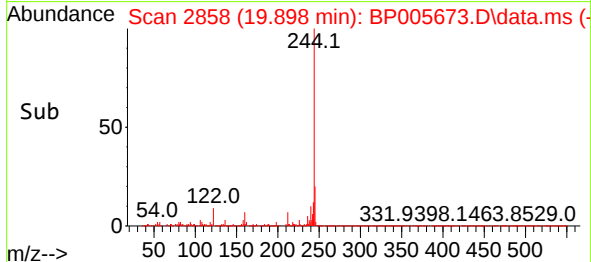
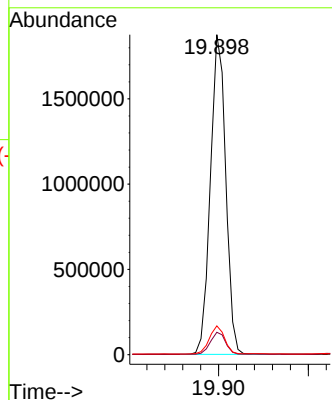
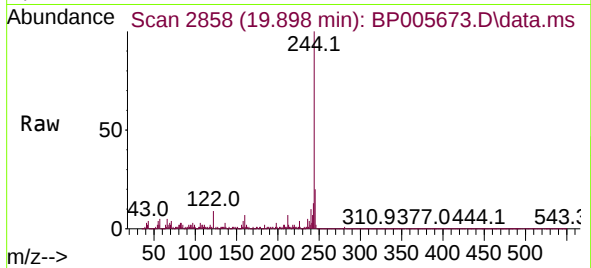




#79
 Terphenyl-d14
 Concen: 25.00 ng
 RT: 19.898 min Scan# 2858
 Delta R.T. -0.000 min
 Lab File: BP005673.D
 Acq: 02 Jun 2021 19:30

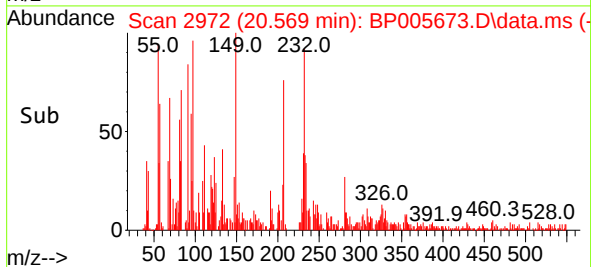
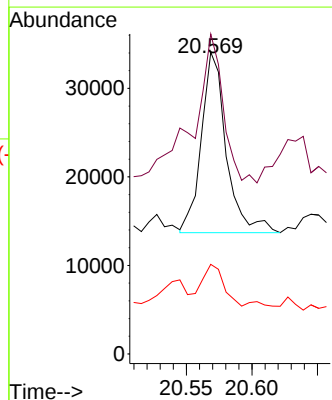
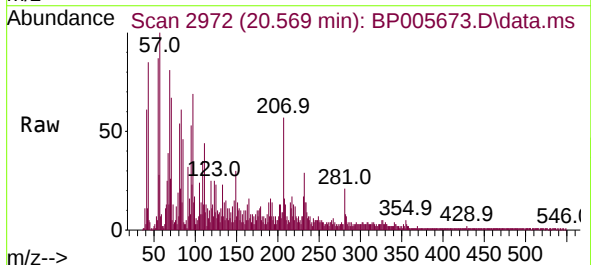
Instrument :
 BNA_P
 ClientSampleId :
 18-B5(4-6)

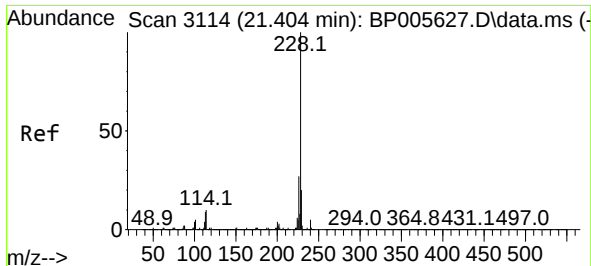
Tgt Ion:244 Resp: 2224312
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.0 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.65 ng
 RT: 20.569 min Scan# 2972
 Delta R.T. -0.000 min
 Lab File: BP005673.D
 Acq: 02 Jun 2021 19:30

Tgt Ion:149 Resp: 26955
 Ion Ratio Lower Upper
 149 100
 91 106.0 60.2 90.4#
 206 29.7 23.9 35.9

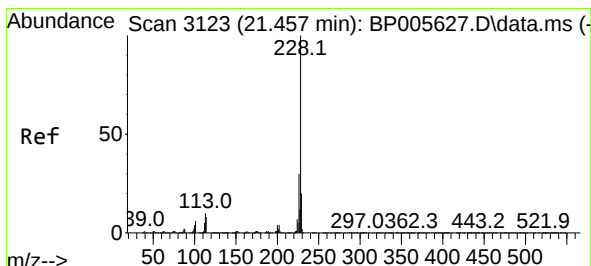
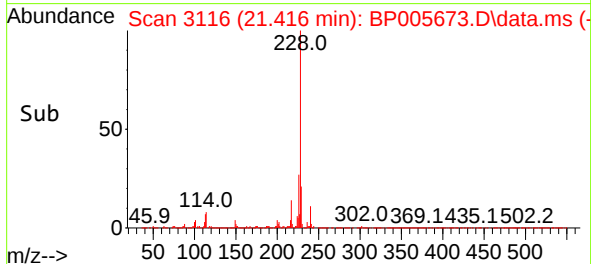
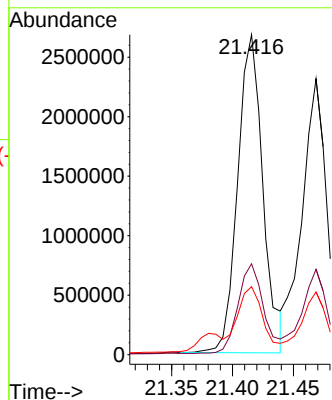
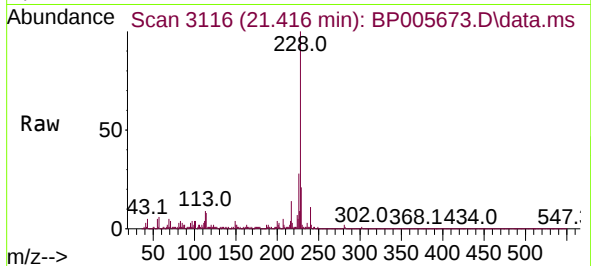




#81
Benzo(a)anthracene
Concen: 31.31 ng
RT: 21.416 min Scan# 3116
Delta R.T. 0.012 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

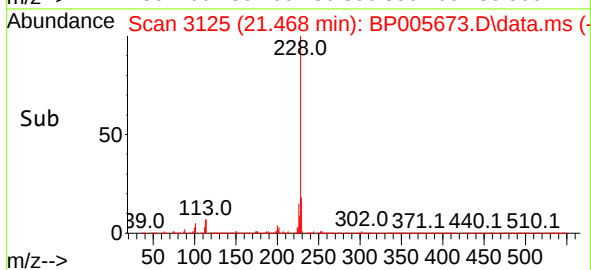
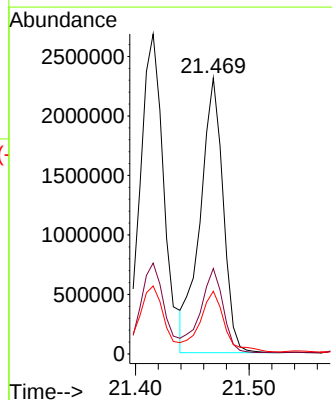
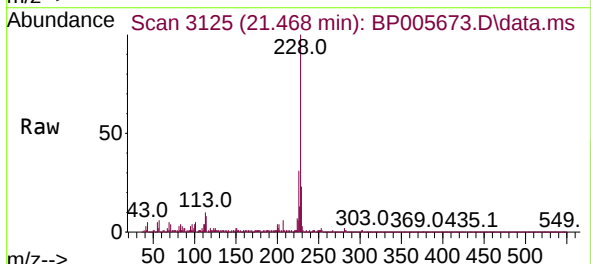
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

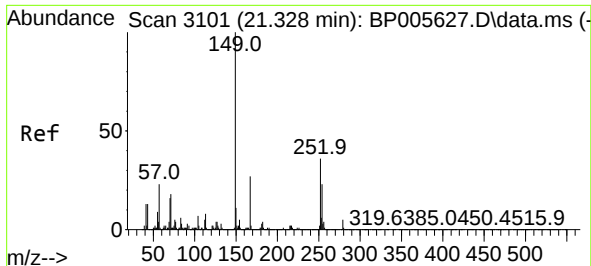
Tgt Ion:228 Resp: 3836181
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 21.2 15.6 23.4



#83
Chrysene
Concen: 27.34 ng
RT: 21.468 min Scan# 3125
Delta R.T. 0.012 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:228 Resp: 3242691
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.7 15.4 23.0

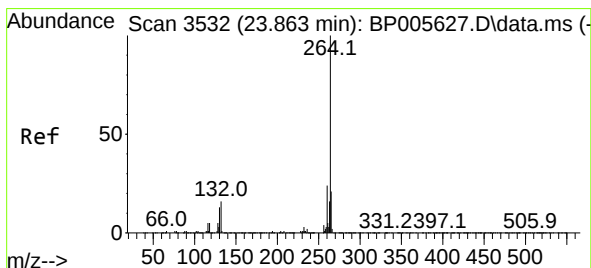
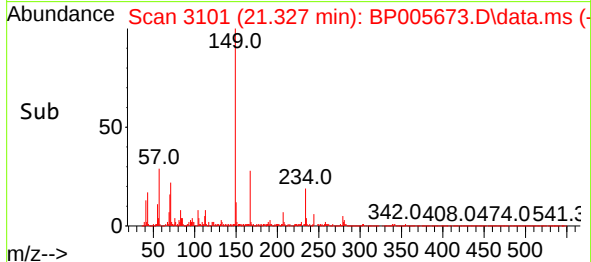
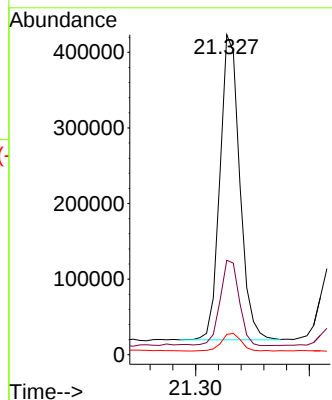
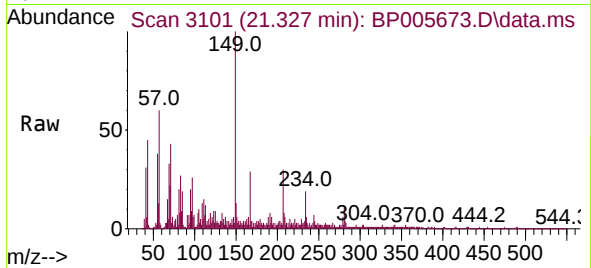




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.34 ng
RT: 21.327 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

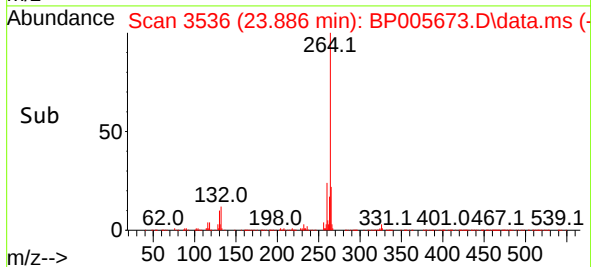
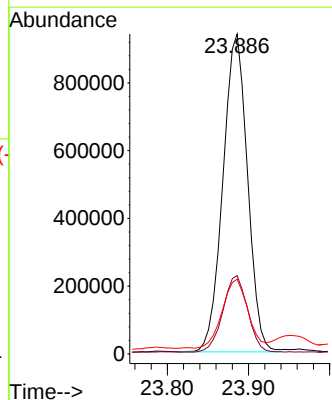
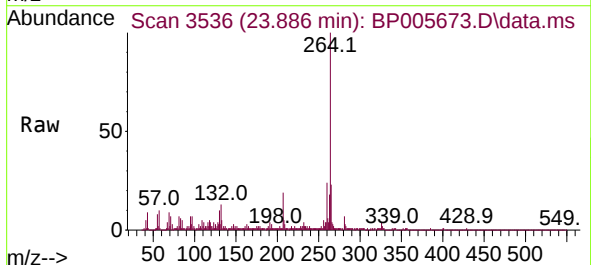
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

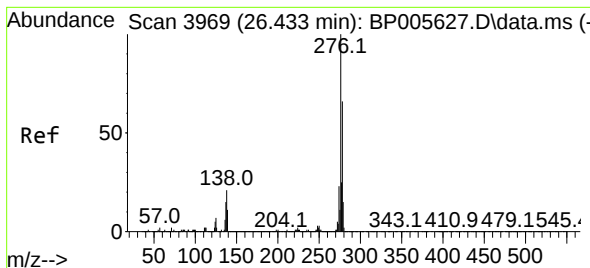
Tgt Ion:149 Resp: 488149
Ion Ratio Lower Upper
149 100
167 29.5 23.8 35.8
279 6.4 5.7 8.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.886 min Scan# 3536
Delta R.T. 0.023 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:264 Resp: 1972254
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 23.4 19.0 28.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 13.89 ng

RT: 26.462 min Scan# 3974

Delta R.T. 0.029 min

Lab File: BP005673.D

Acq: 02 Jun 2021 19:30

Instrument :

BNA_P

ClientSampleId :

18-B5(4-6)

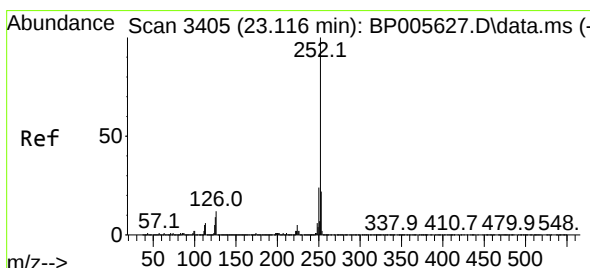
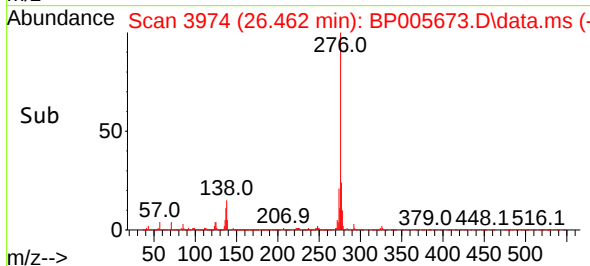
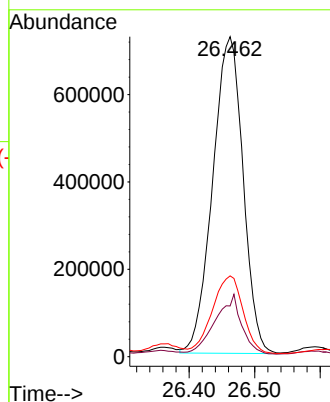
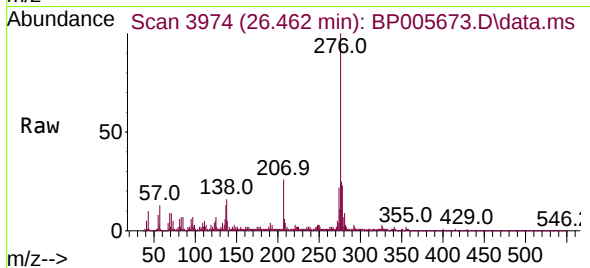
Tgt Ion:276 Resp: 2331371

Ion Ratio Lower Upper

276 100

138 16.3 8.4 12.6#

277 24.8 20.6 31.0



#88

Benzo(b)fluoranthene

Concen: 31.69 ng

RT: 23.139 min Scan# 3409

Delta R.T. 0.023 min

Lab File: BP005673.D

Acq: 02 Jun 2021 19:30

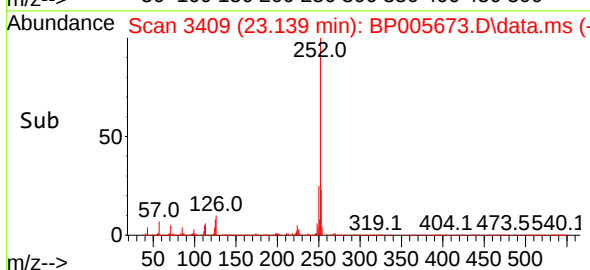
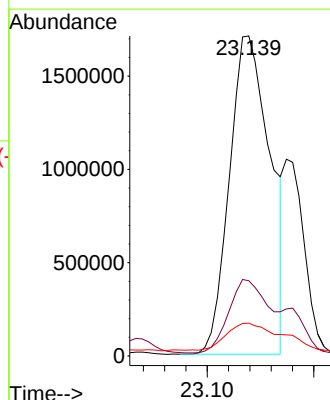
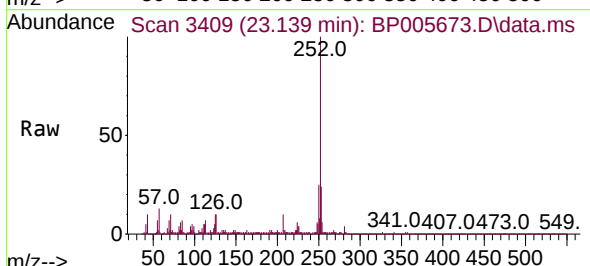
Tgt Ion:252 Resp: 4535287

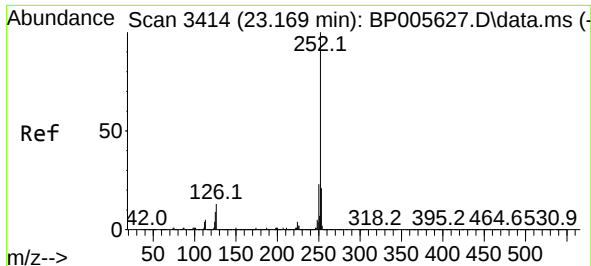
Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.2

125 10.3 3.4 5.0#

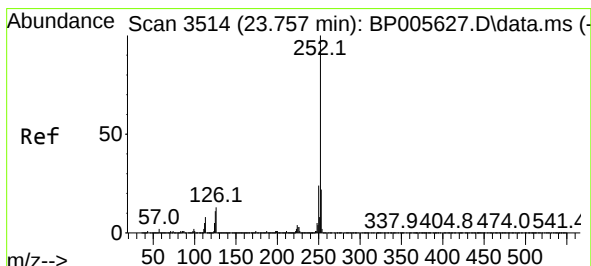
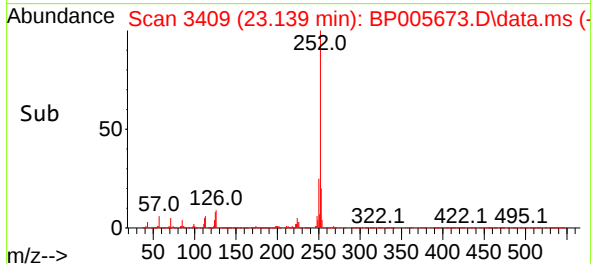
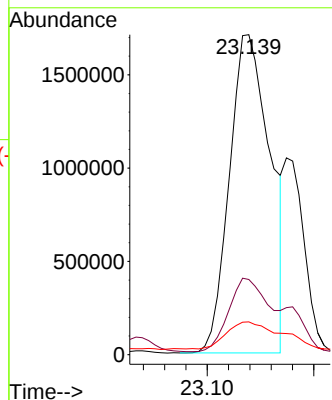
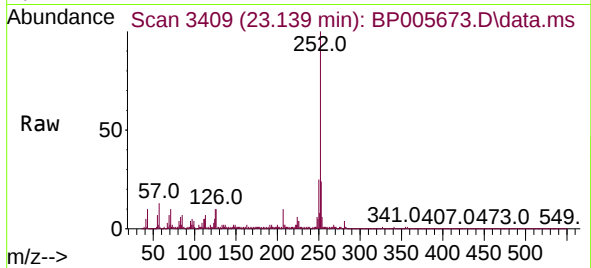




#89
Benzo(k)fluoranthene
Concen: 33.45 ng
RT: 23.139 min Scan# 3409
Delta R.T. -0.030 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

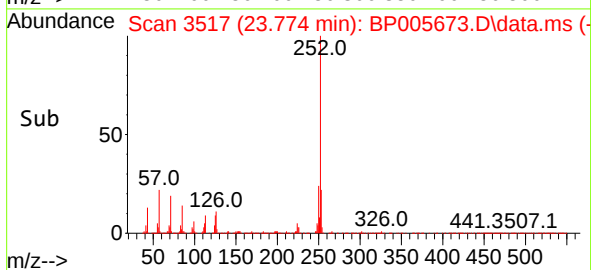
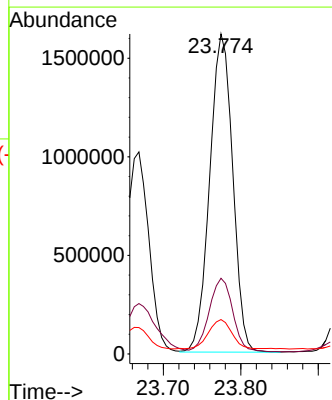
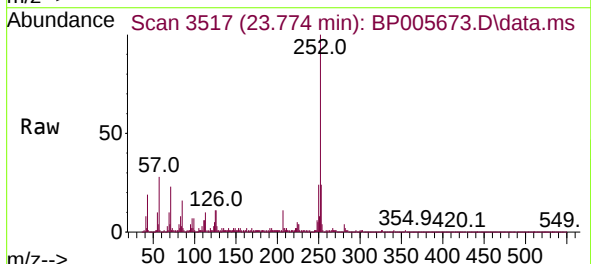
Instrument :
BNA_P
ClientSampleId :
18-B5(4-6)

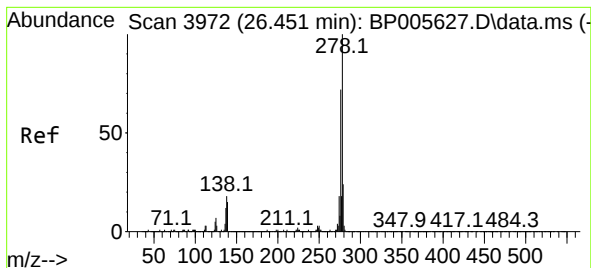
Tgt Ion:252 Resp: 4535287
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 10.3 3.8 5.6#



#90
Benzo(a)pyrene
Concen: 25.52 ng
RT: 23.774 min Scan# 3517
Delta R.T. 0.017 min
Lab File: BP005673.D
Acq: 02 Jun 2021 19:30

Tgt Ion:252 Resp: 3322511
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 10.7 3.8 5.6#





#91

Dibenzo(a,h)anthracene

Concen: 4.27 ng

RT: 26.468 min Scan# 3975

Delta R.T. 0.017 min

Lab File: BP005673.D

Acq: 02 Jun 2021 19:30

Tgt Ion:278 Resp: 622349

Ion Ratio Lower Upper

278 100

139 0.0 5.0 7.6#

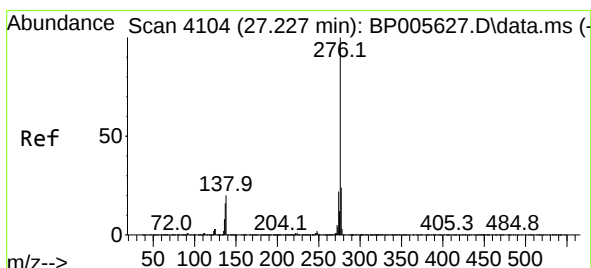
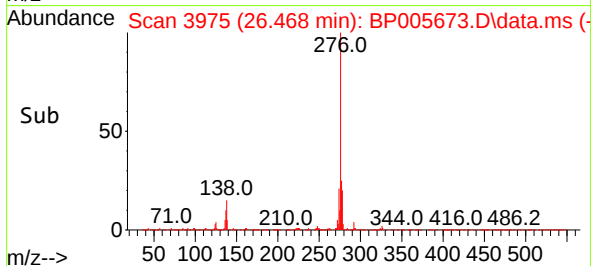
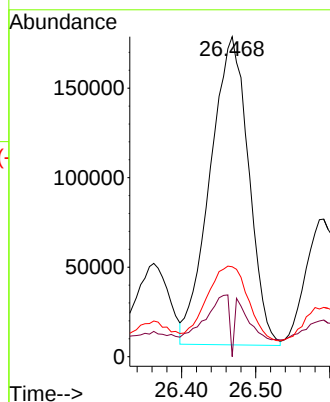
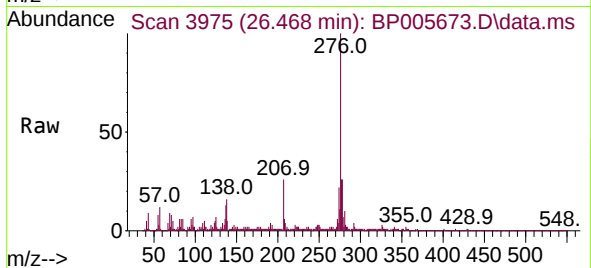
279 28.1 18.6 28.0#

Instrument :

BNA_P

ClientSampleId :

18-B5(4-6)



#92

Benzo(g,h,i)perylene

Concen: 15.52 ng

RT: 27.256 min Scan# 4109

Delta R.T. 0.029 min

Lab File: BP005673.D

Acq: 02 Jun 2021 19:30

Tgt Ion:276 Resp: 2179704

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 16.5 7.7 11.5#

