

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042221\
 Data File : BP005380.D
 Acq On : 22 Apr 2021 17:40
 Operator : CG/JU
 Sample : M2102-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RB37708RT

Quant Time: Apr 22 18:44:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

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

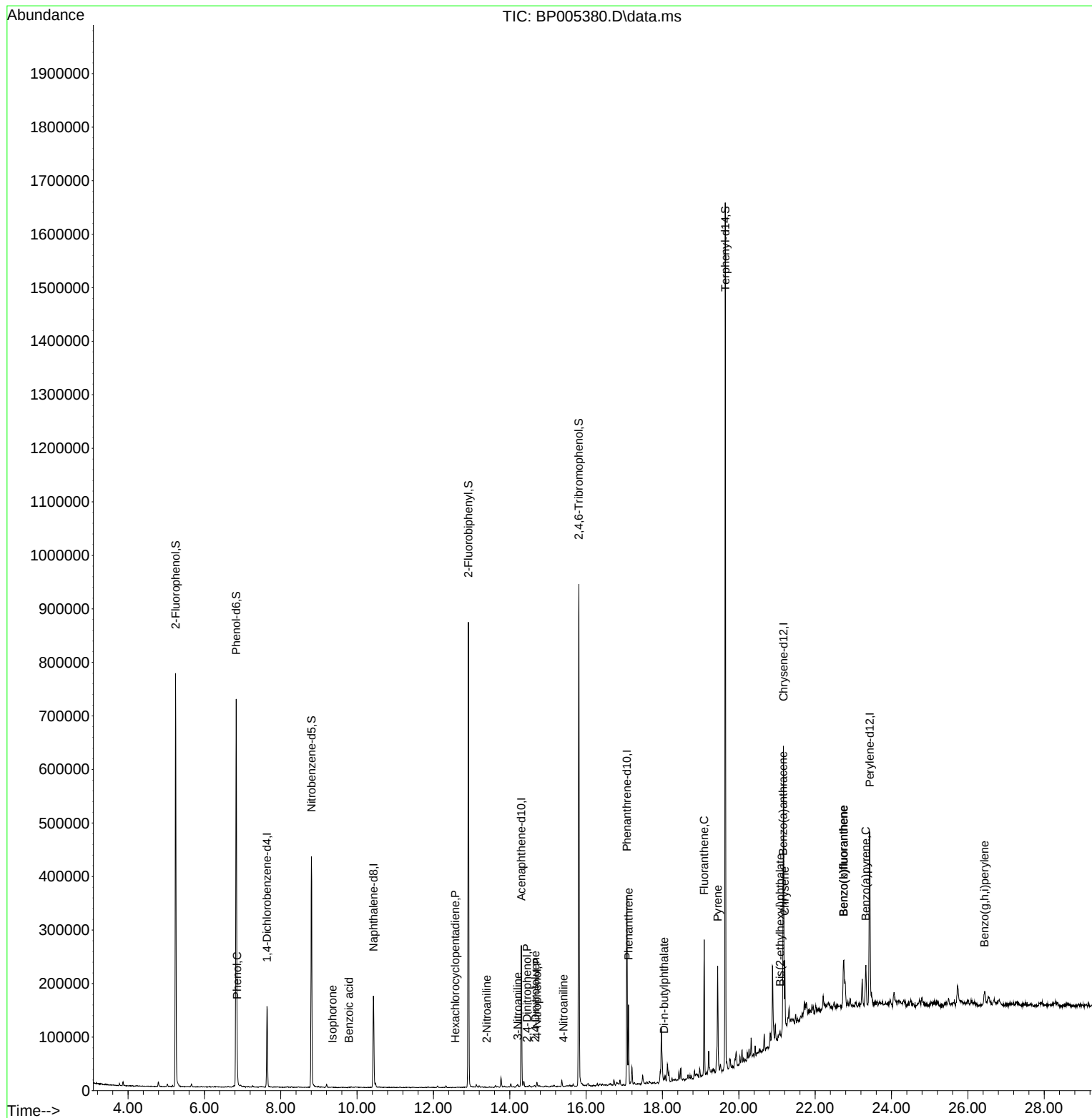
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	29043	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	106994	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	74012	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	178242	20.00	ng	0.00
76) Chrysene-d12	21.169	240	219662	20.00	ng	0.00
86) Perylene-d12	23.427	264	222345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	216554	129.52	ng	0.00
7) Phenol-d6	6.834	99	289720	125.77	ng	0.00
23) Nitrobenzene-d5	8.805	82	237306	96.47	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	136027	96.08	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	356988	62.44	ng	0.00
79) Terphenyl-d14	19.645	244	608197	51.31	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.858	94	10195	4.44	ng	# 32
25) Isophorone	9.358	82	122	2.98	ng	# 42
32) Benzoic acid	9.787	122	33	7.77	ng	# 1
41) Hexachlorocyclopentadiene	12.569	237	17	6.97	ng	86
48) 2-Nitroaniline	13.393	65	29	5.46	ng	# 39
53) 3-Nitroaniline	14.210	138	10	2.66	ng	# 79
54) 2,4-Dinitrophenol	14.451	184	9	7.53	ng	# 1
56) 4-Nitrophenol	14.716	139	1472	6.86	ng	# 1
57) 2,4-Dinitrotoluene	14.675	165	11	3.12	ng	# 70
62) 4-Nitroaniline	15.404	138	5	3.82	ng	# 34
71) Phenanthrene	17.110	178	76864	8.09	ng	99
74) Di-n-butylphthalate	18.039	149	709	4.02	ng	# 74
75) Fluoranthene	19.092	202	128677	9.87	ng	99
78) Pyrene	19.445	202	117911	9.57	ng	99
81) Benzo(a)anthracene	21.157	228	65699	4.65	ng	96
83) Chrysene	21.204	228	62484	4.44	ng	95
84) Bis(2-ethylhexyl)phtha...	21.080	149	2669	3.48	ng	# 94
88) Benzo(b)fluoranthene	22.745	252	74521	5.09	ng	# 96
89) Benzo(k)fluoranthene	22.745	252	74521	5.18	ng	# 95
90) Benzo(a)pyrene	23.327	252	56106	4.20	ng	# 91
92) Benzo(g,h,i)perylene	26.439	276	33269	2.41	ng	99

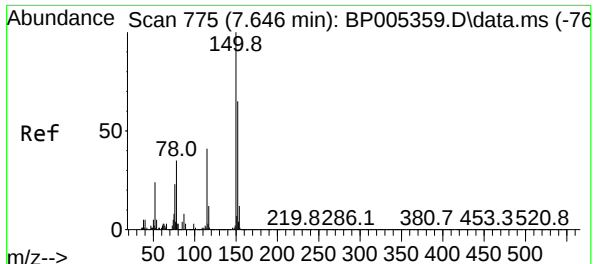
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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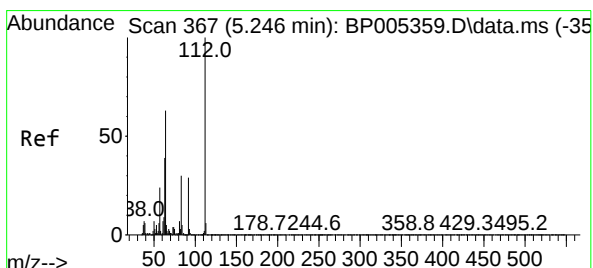
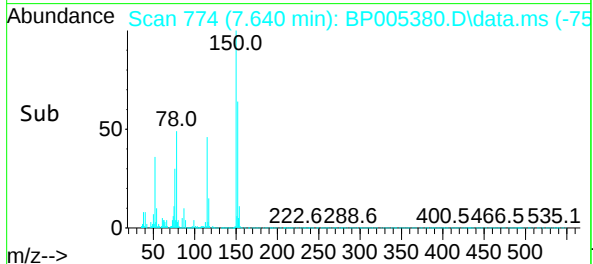
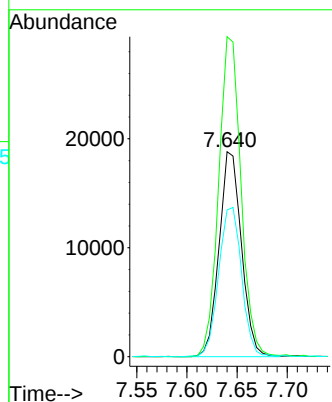
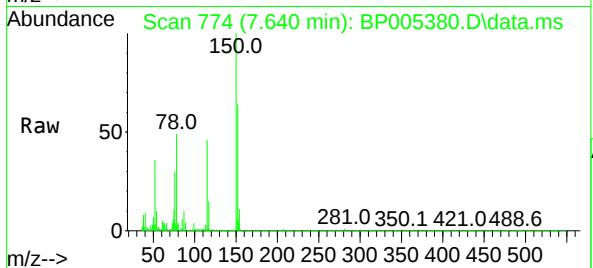




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

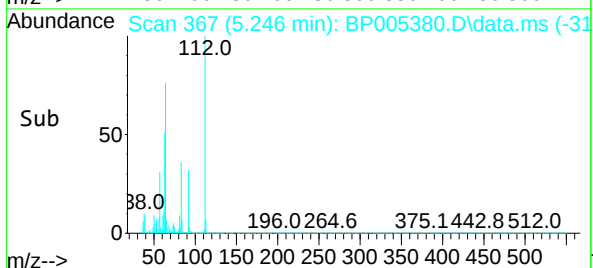
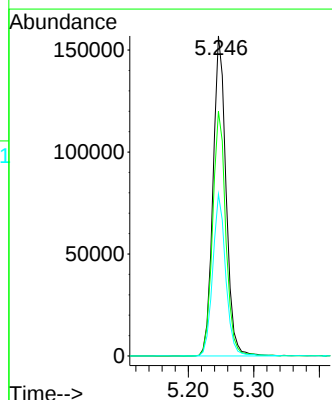
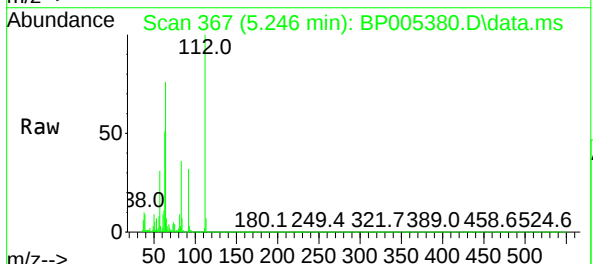
Instrument :
BNA_P
ClientSampleId :
RB37708RT

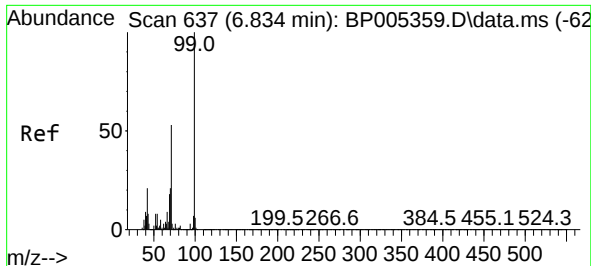
Tgt Ion:152 Resp: 29043
Ion Ratio Lower Upper
152 100
150 156.1 119.8 179.8
115 71.6 49.0 73.4



#5
2-Fluorophenol
Concen: 129.52 ng
RT: 5.246 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:112 Resp: 216554
Ion Ratio Lower Upper
112 100
64 76.4 33.6 50.4#
63 50.6 18.6 27.8#

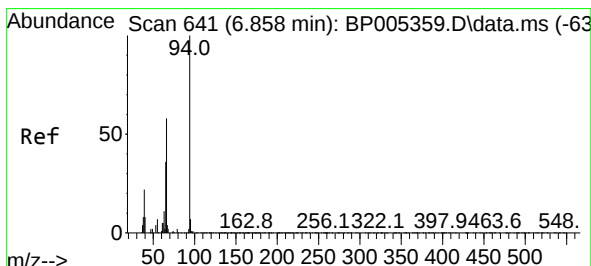
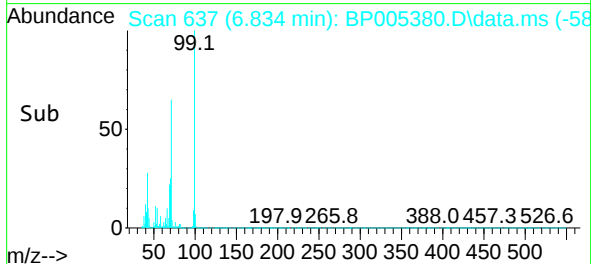
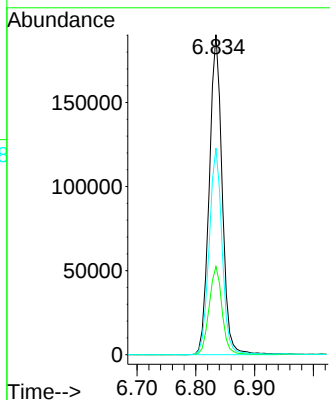
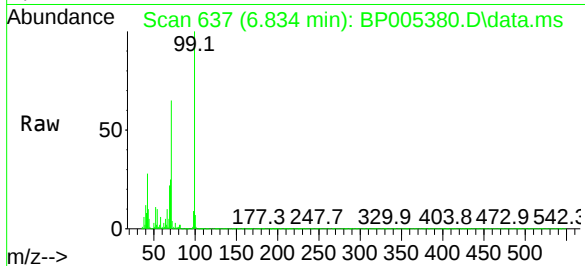




#7
Phenol-d6
Concen: 125.77 ng
RT: 6.834 min Scan# 637
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

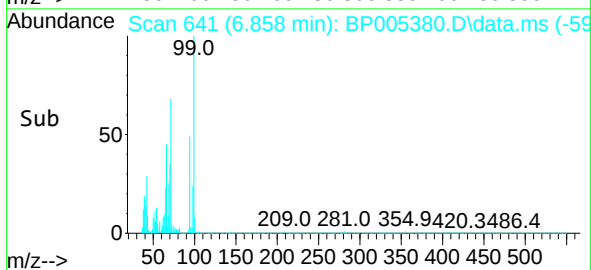
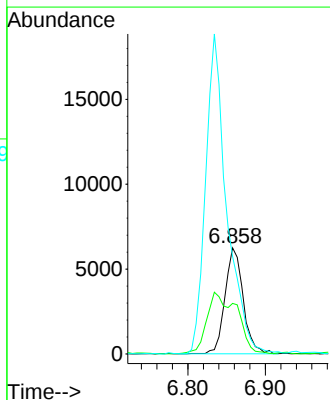
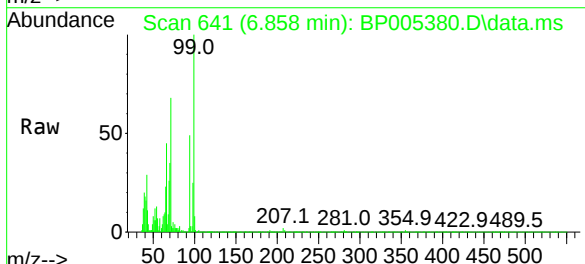
Instrument :
BNA_P
ClientSampleId :
RB37708RT

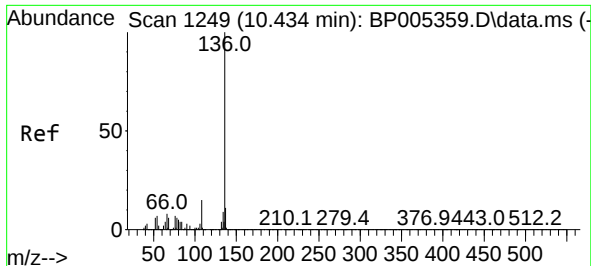
Tgt Ion: 99 Resp: 289720
Ion Ratio Lower Upper
99 100
42 27.5 12.9 19.3#
71 64.6 26.7 40.1#



#10
Phenol
Concen: 4.44 ng
RT: 6.858 min Scan# 641
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion: 94 Resp: 10195
Ion Ratio Lower Upper
94 100
65 47.6 8.0 48.0
66 91.7 17.3 57.3#

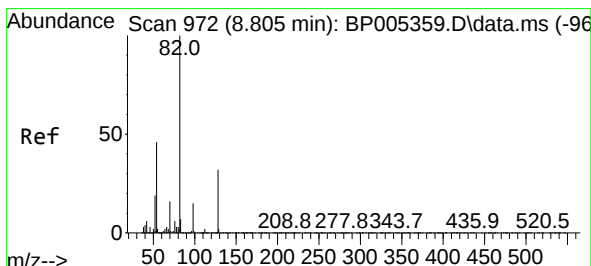
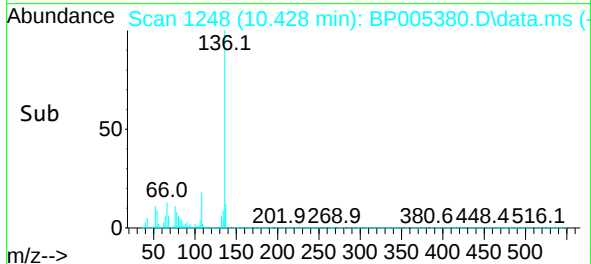
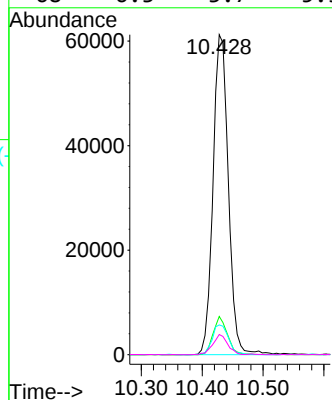
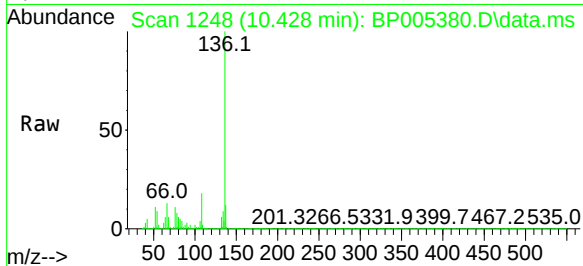




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

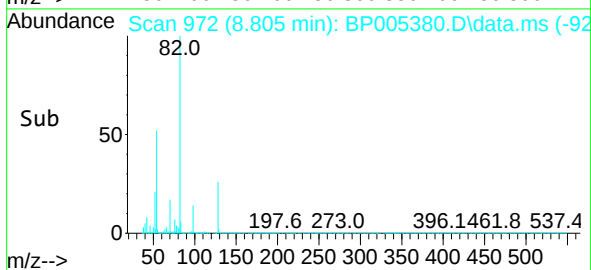
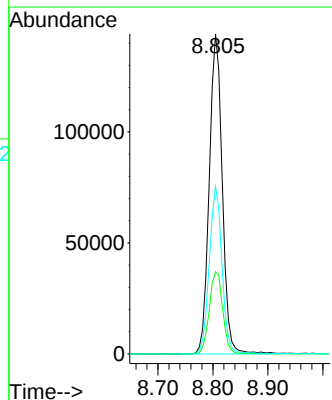
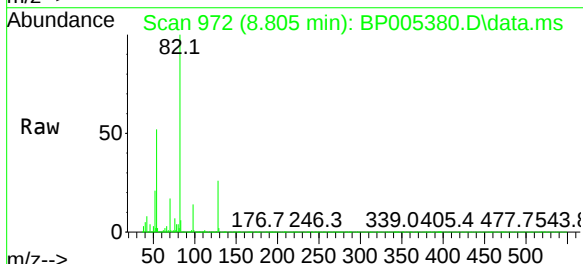
Instrument :
BNA_P
ClientSampleId :
RB37708RT

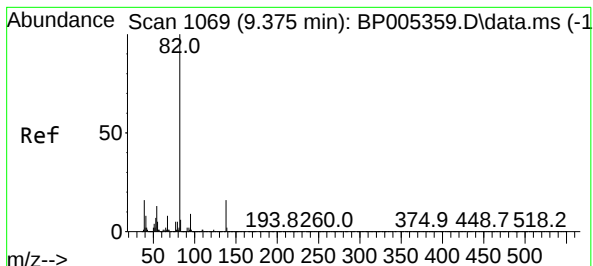
Tgt Ion:	136	Resp:	106994
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.9	13.3
54	9.3	5.0	7.4#
68	6.3	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 96.47 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:	82	Resp:	237306
Ion Ratio	Lower	Upper	
82	100		
128	25.7	30.5	45.7#
54	52.3	33.9	50.9#





#25

Isophorone

Concen: 2.98 ng

RT: 9.358 min Scan# 1066

Delta R.T. -0.017 min

Lab File: BP005380.D

Acq: 22 Apr 2021 17:40

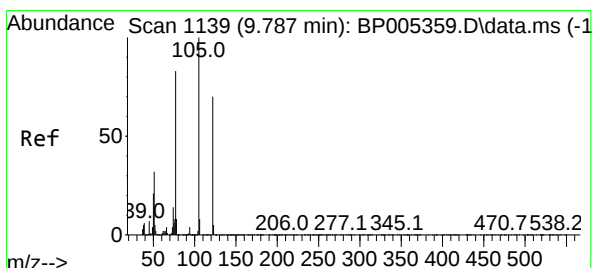
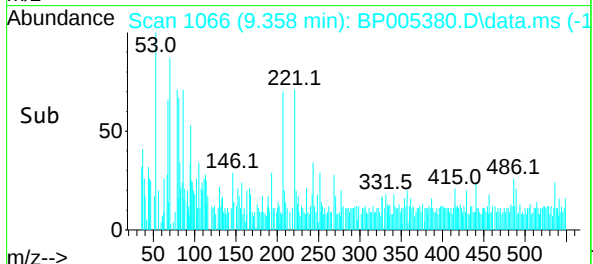
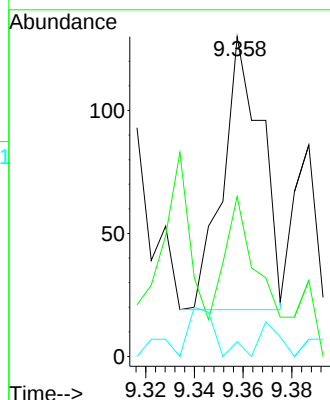
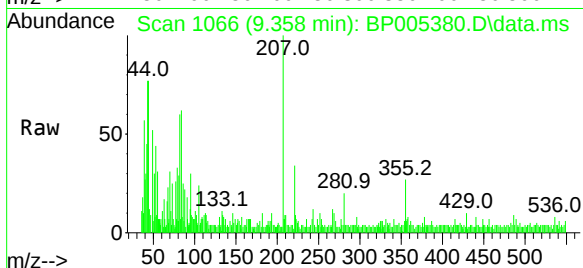
Tgt Ion: 82	Resp:	122
Ion Ratio	Lower	Upper
82	100	
95	50.0	7.5 11.3#
138	4.6	14.6 22.0#

Instrument :

BNA_P

ClientSampleId :

RB37708RT



#32

Benzoic acid

Concen: 7.77 ng

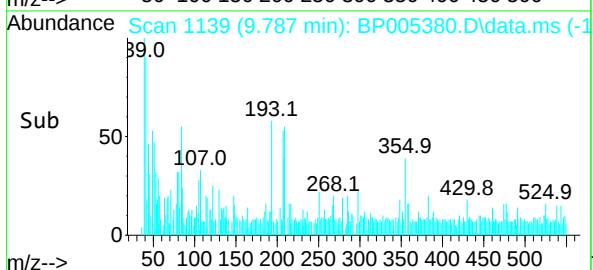
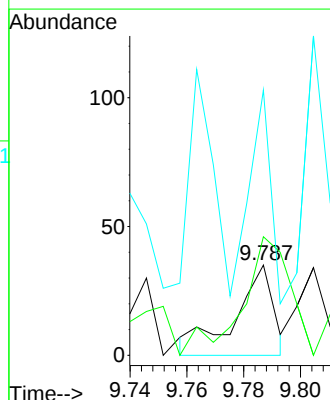
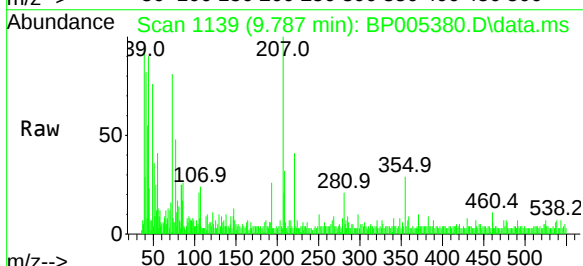
RT: 9.787 min Scan# 1139

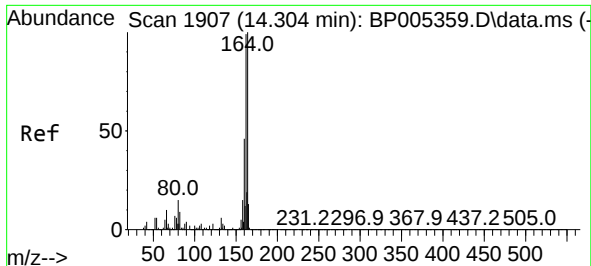
Delta R.T. -0.000 min

Lab File: BP005380.D

Acq: 22 Apr 2021 17:40

Tgt Ion: 122	Resp:	33
Ion Ratio	Lower	Upper
122	100	
105	131.4	105.1 145.1
77	362.9	69.6 109.6#

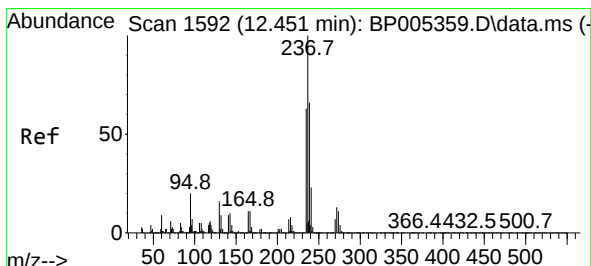
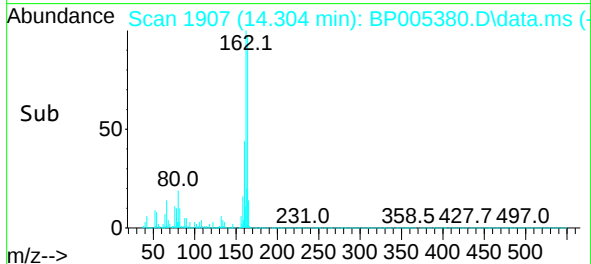
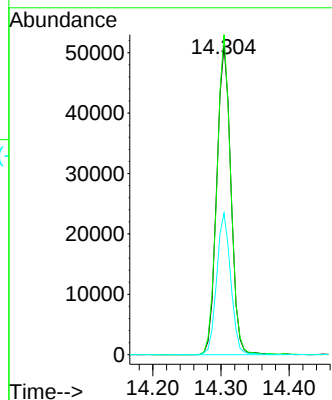
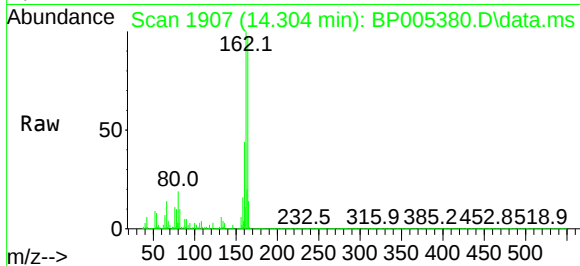




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

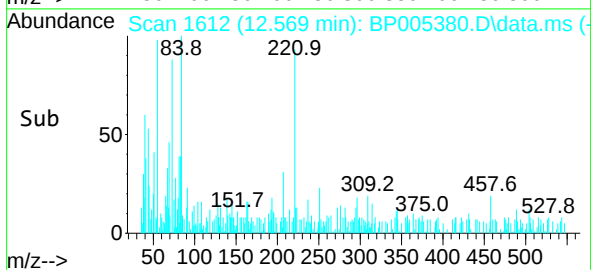
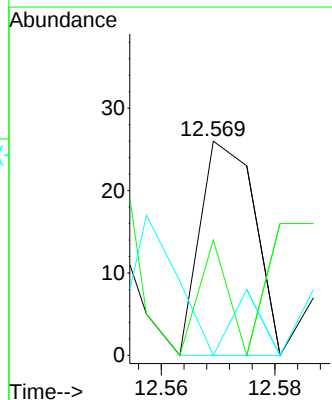
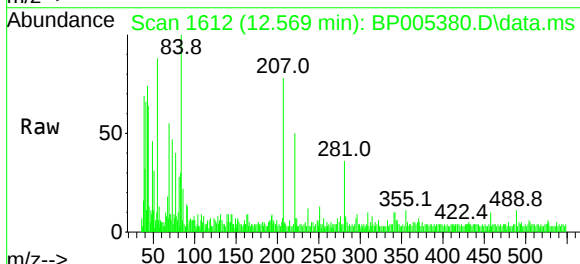
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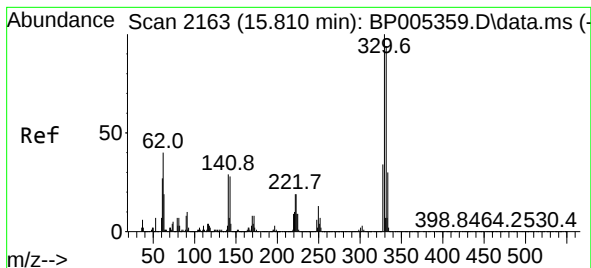
Tgt Ion:164	Resp:	74012
Ion Ratio	Lower	Upper
164	100	
162	103.5	73.5 110.3
160	45.7	40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.118 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:237	Resp:	17
Ion Ratio	Lower	Upper
237	100	
235	53.8	40.9 80.9
272	0.0	0.0 34.6

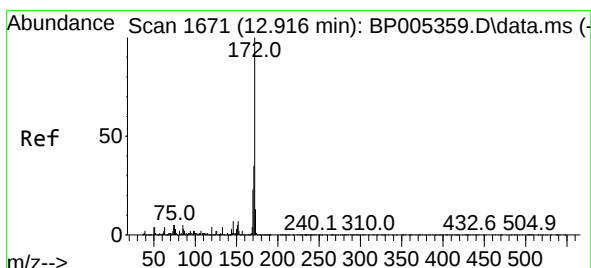
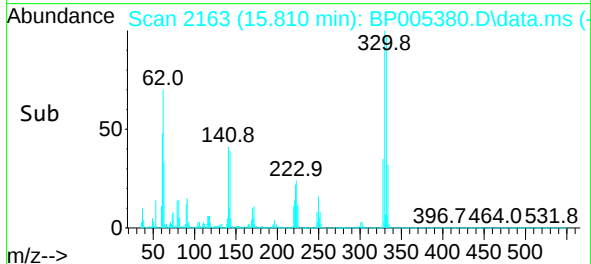
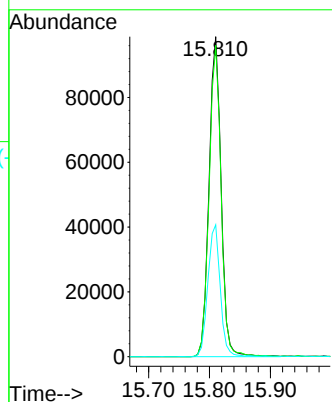
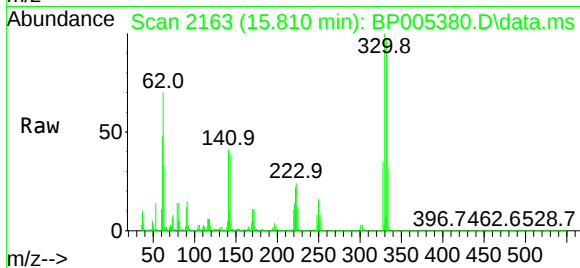




#42
2,4,6-Tribromophenol
Concen: 96.08 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

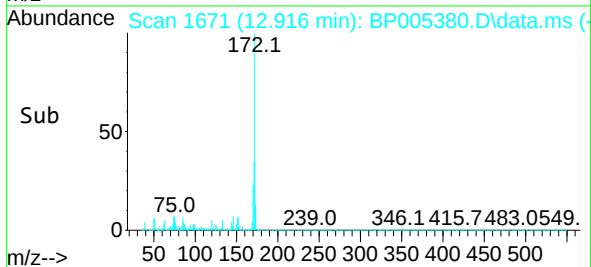
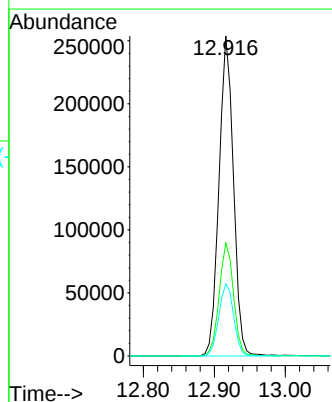
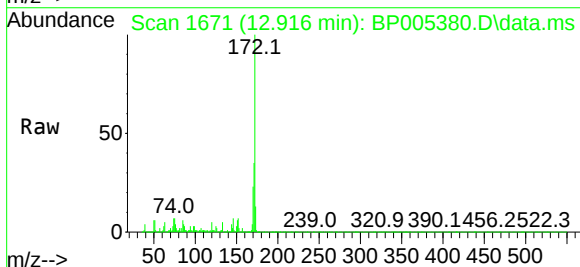
Instrument :
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RB37708RT

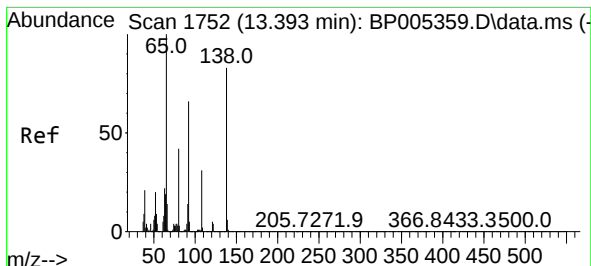
Tgt Ion:330 Resp: 136027
Ion Ratio Lower Upper
330 100
332 97.3 76.3 114.5
141 42.1 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 62.44 ng
RT: 12.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:172 Resp: 356988
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 22.6 19.6 29.4

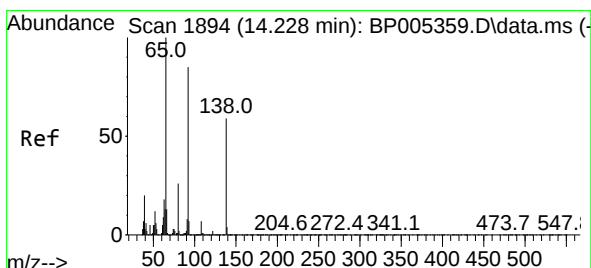
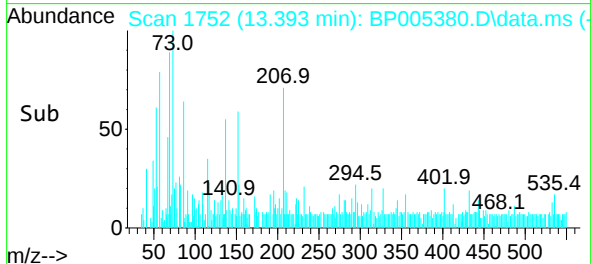
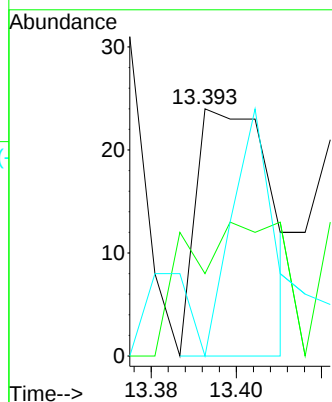
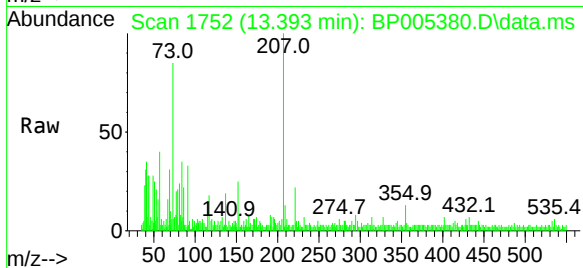




#48
2-Nitroaniline
Concen: 5.46 ng
RT: 13.393 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

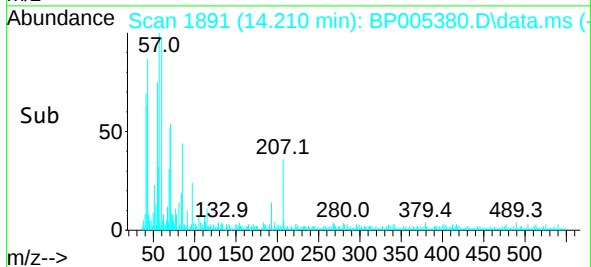
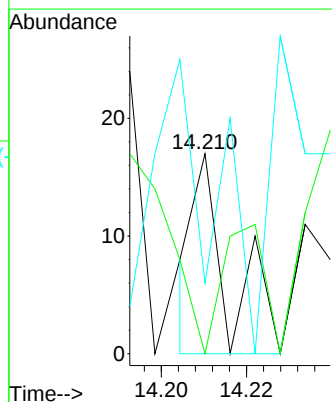
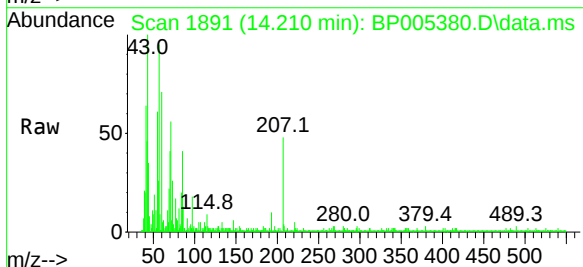
Instrument :
BNA_P
ClientSampleId :
RB37708RT

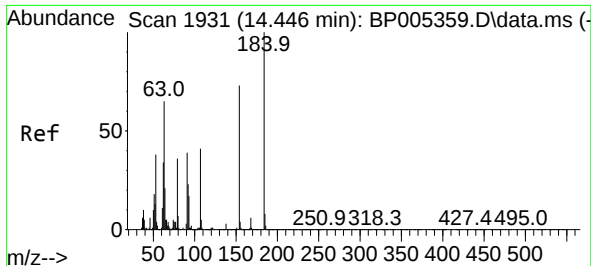
Tgt Ion: 65 Resp: 29
Ion Ratio Lower Upper
65 100
92 50.0 48.8 73.2
138 0.0 69.5 104.3#



#53
3-Nitroaniline
Concen: 2.66 ng
RT: 14.210 min Scan# 1891
Delta R.T. -0.018 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion: 138 Resp: 10
Ion Ratio Lower Upper
138 100
108 0.0 10.2 15.4#
92 111.8 108.1 162.1

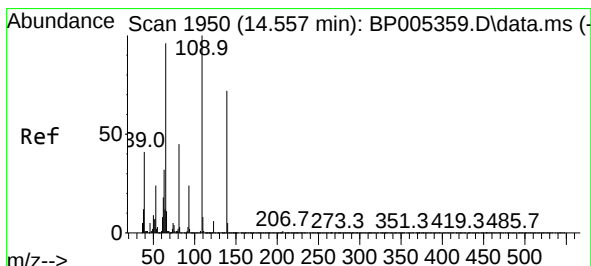
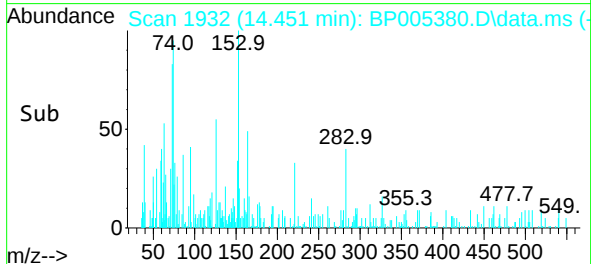
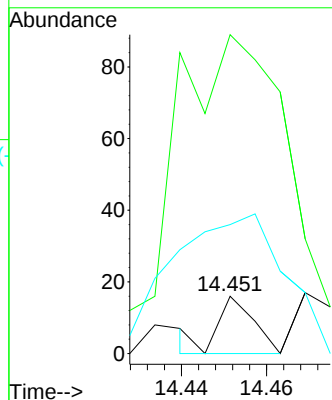
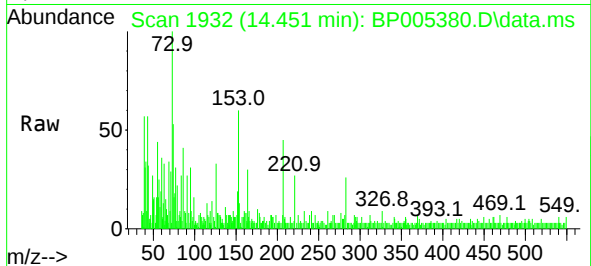




#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.005 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

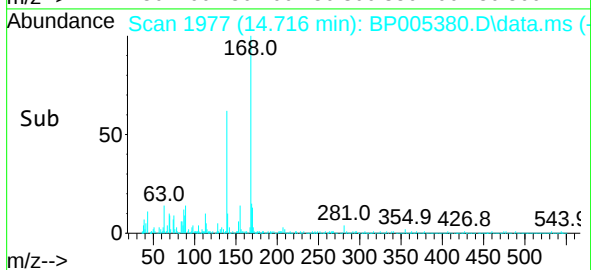
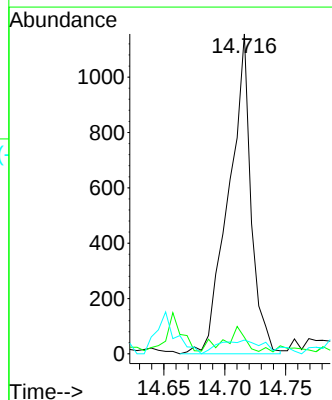
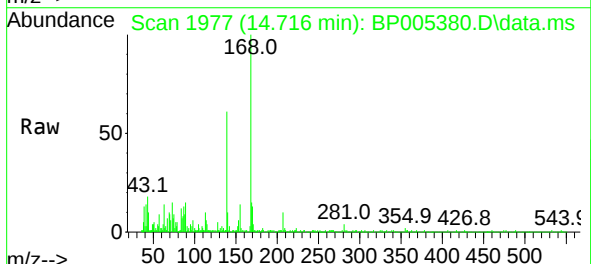
Instrument :
BNA_P
ClientSampleId :
RB37708RT

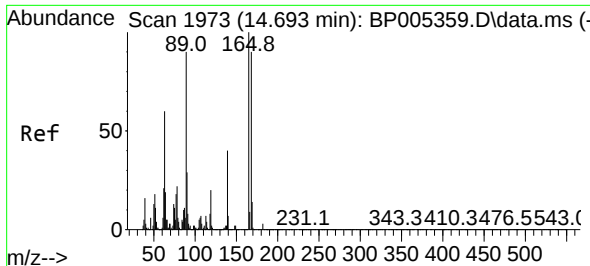
Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 593.8 51.2 76.8#
154 225.0 55.8 83.8#



#56
4-Nitrophenol
Concen: 6.86 ng
RT: 14.716 min Scan# 1977
Delta R.T. 0.159 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:139 Resp: 1472
Ion Ratio Lower Upper
139 100
109 5.2 122.8 162.8#
65 4.3 110.0 150.0#

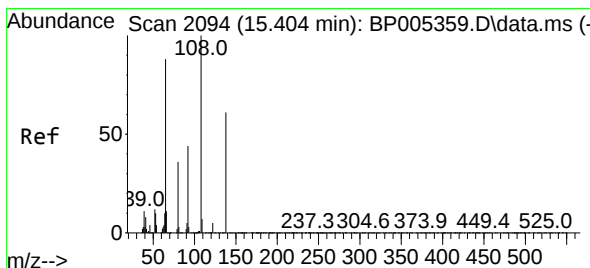
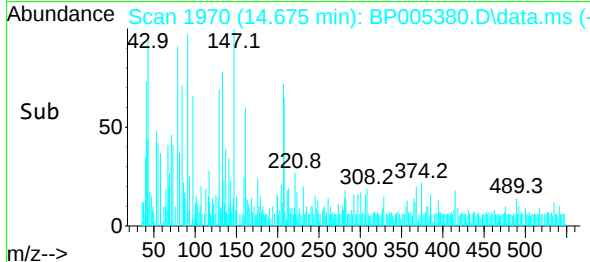
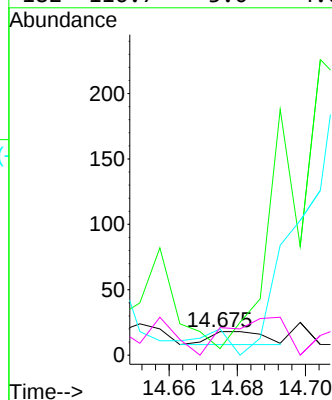
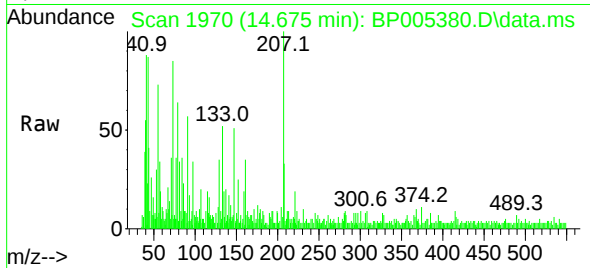




#57
2,4-Dinitrotoluene
Concen: 3.12 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.018 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

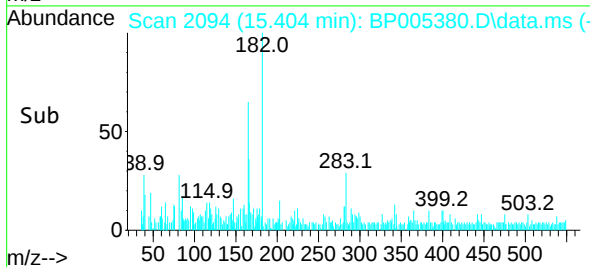
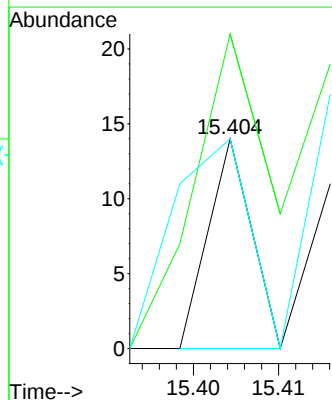
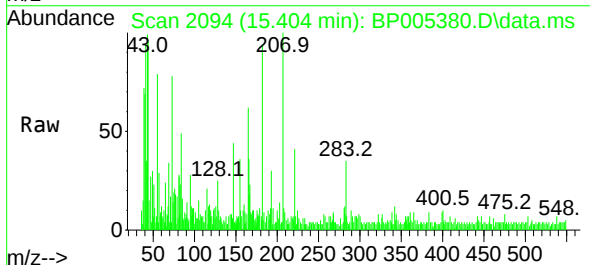
Instrument :
BNA_P
ClientSampleId :
RB37708RT

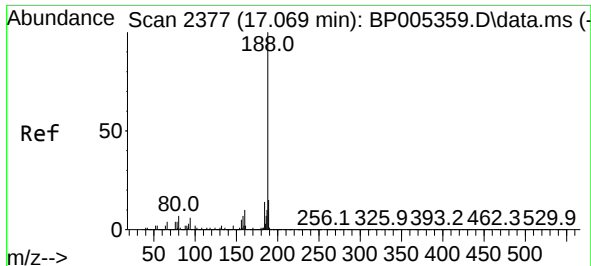
Tgt Ion:	165	Resp:	11
Ion	Ratio	Lower	Upper
165	100		
63	27.8	56.7	85.1#
89	111.1	85.8	128.6
182	116.7	3.0	4.6#



#62
4-Nitroaniline
Concen: 3.82 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:	138	Resp:	5
Ion	Ratio	Lower	Upper
138	100		
92	150.0	50.9	90.9#
108	100.0	154.7	194.7#

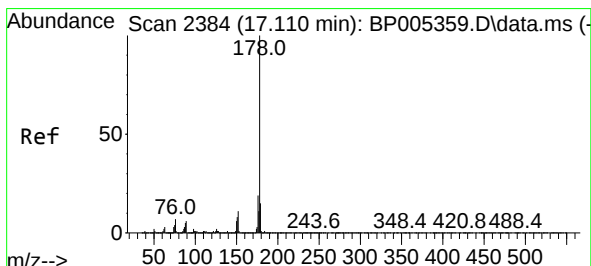
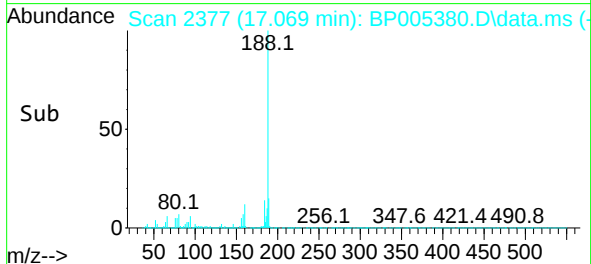
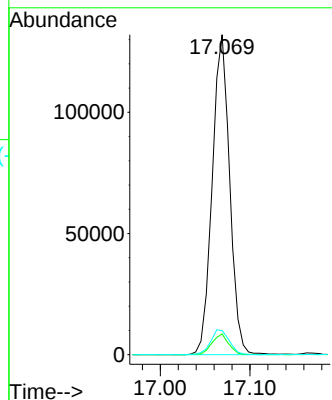
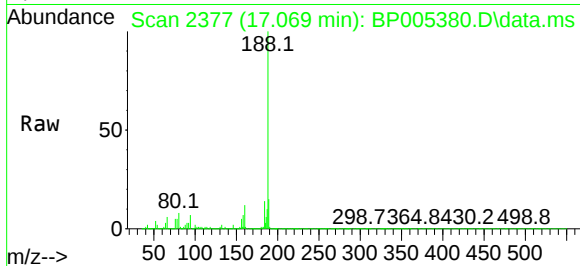




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

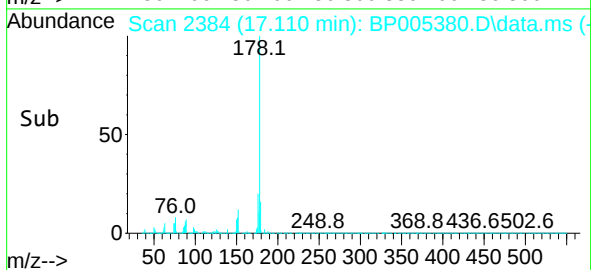
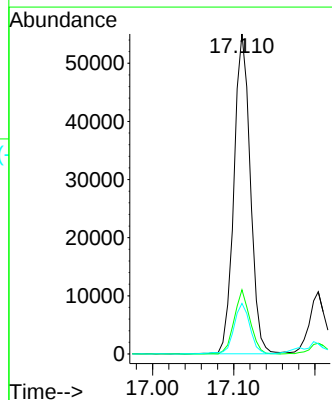
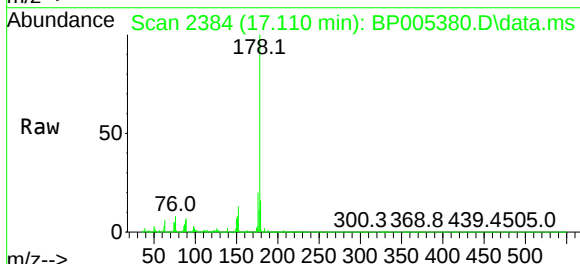
Instrument :
BNA_P
ClientSampleId :
RB37708RT

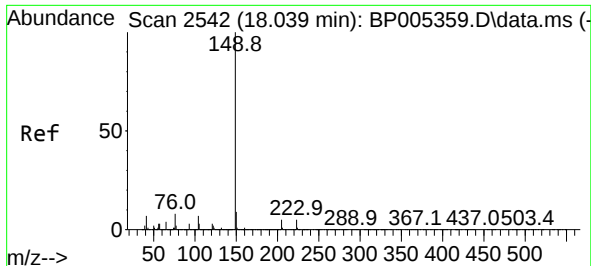
Tgt Ion:188 Resp: 178242
Ion Ratio Lower Upper
188 100
94 6.5 5.0 7.6
80 7.5 5.9 8.9



#71
Phenanthrene
Concen: 8.09 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:178 Resp: 76864
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 15.8 12.3 18.5

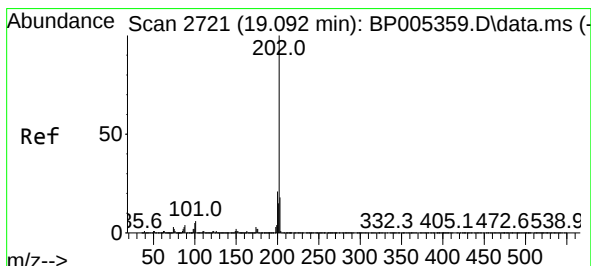
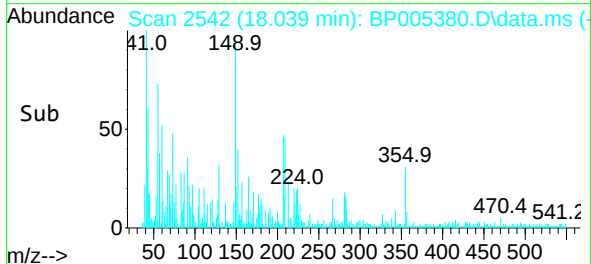
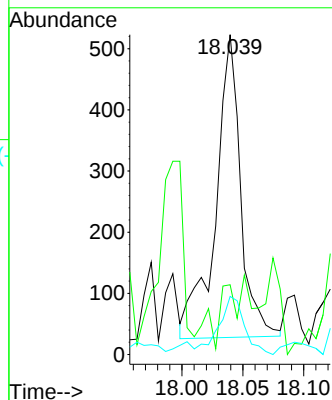
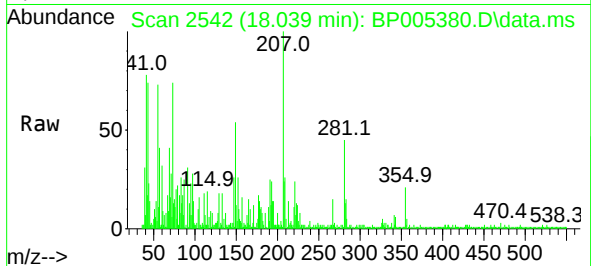




#74
Di-n-butylphthalate
Concen: 4.02 ng
RT: 18.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

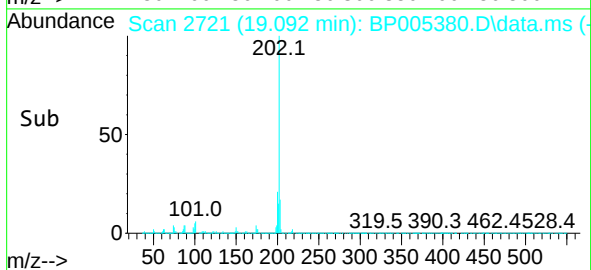
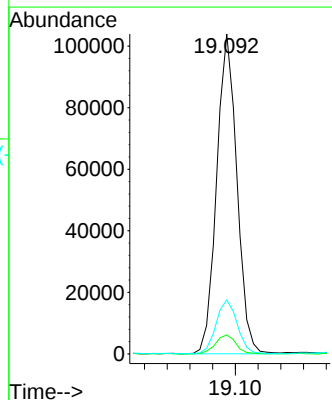
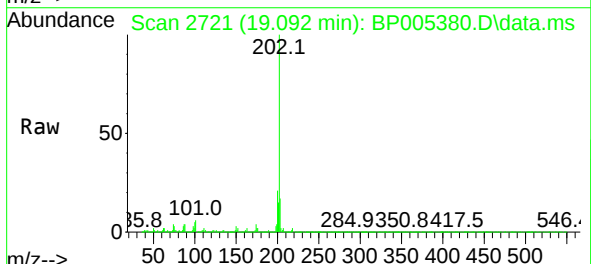
Instrument :
BNA_P
ClientSampleId :
RB37708RT

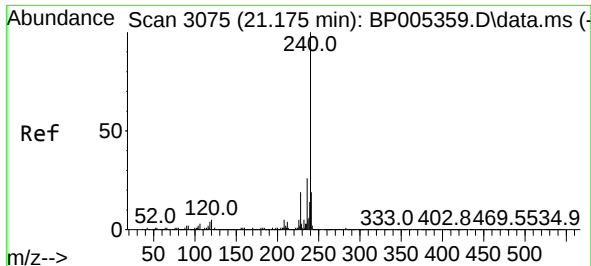
Tgt Ion:149 Resp: 709
Ion Ratio Lower Upper
149 100
150 21.8 7.6 11.4#
104 18.2 8.9 13.3#



#75
Fluoranthene
Concen: 9.87 ng
RT: 19.092 min Scan# 2721
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:202 Resp: 128677
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.1
203 16.9 0.0 37.2

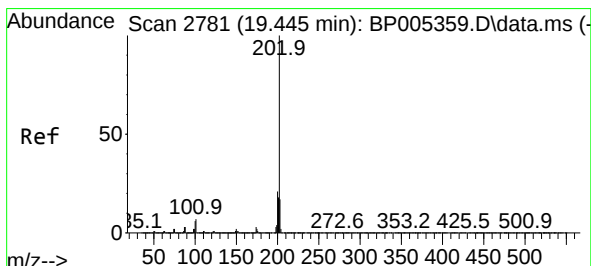
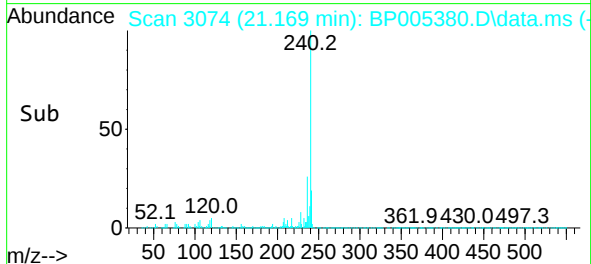
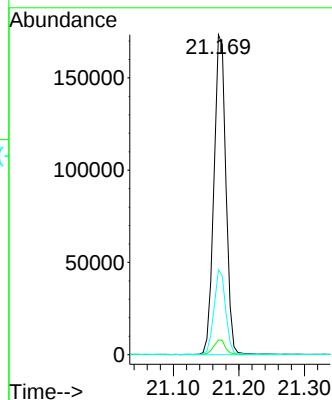
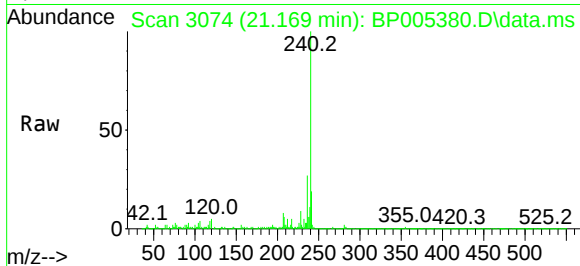




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.169 min Scan# 3074
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

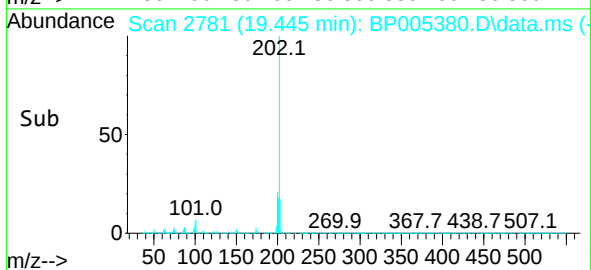
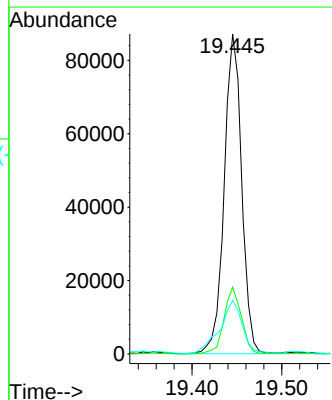
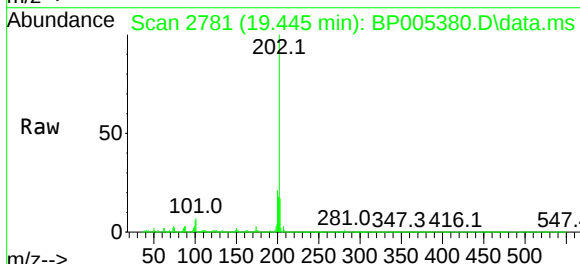
Instrument :
BNA_P
ClientSampleId :
RB37708RT

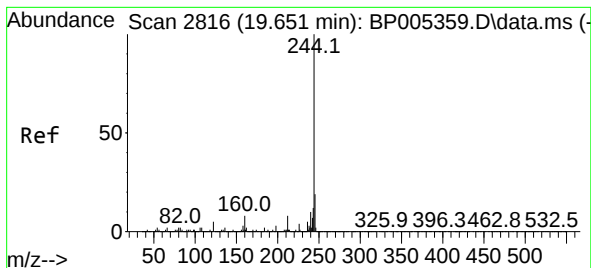
Tgt Ion:240 Resp: 219662
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 26.5 20.2 30.2



#78
Pyrene
Concen: 9.57 ng
RT: 19.445 min Scan# 2781
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:202 Resp: 117911
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 16.7 13.8 20.6





#79

Terphenyl-d14

Concen: 51.31 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP005380.D

Acq: 22 Apr 2021 17:40

Instrument :

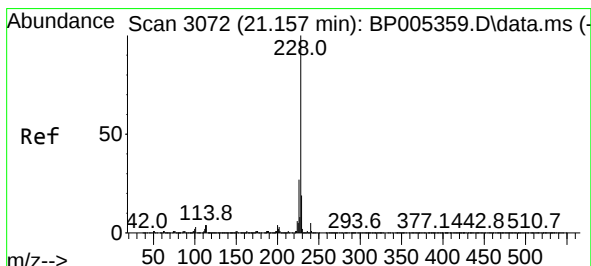
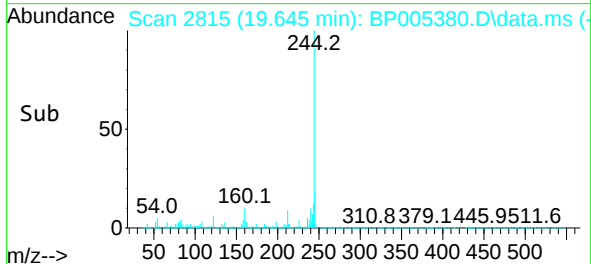
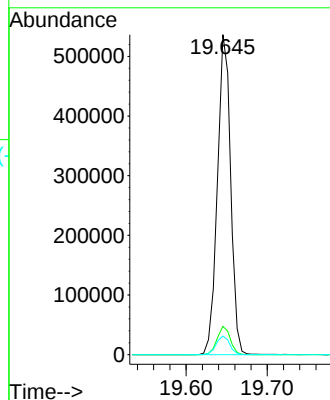
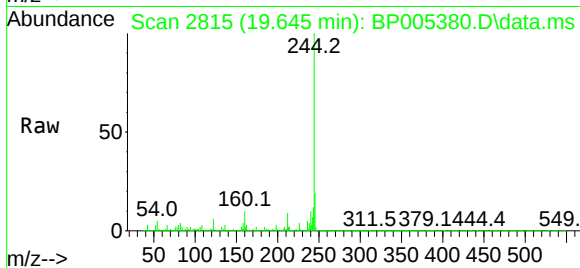
BNA_P

ClientSampleId :

RB37708RT

Tgt Ion:244 Resp: 608197

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.6#
122	5.9	5.2	7.8



#81

Benzo(a)anthracene

Concen: 4.65 ng

RT: 21.157 min Scan# 3072

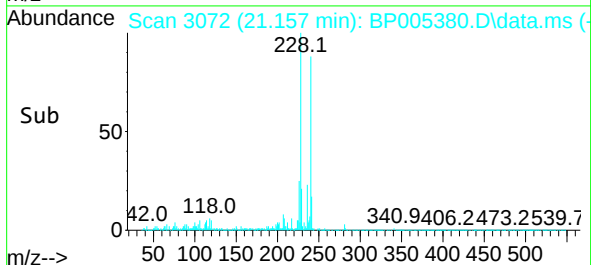
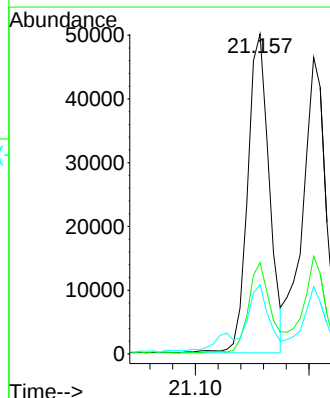
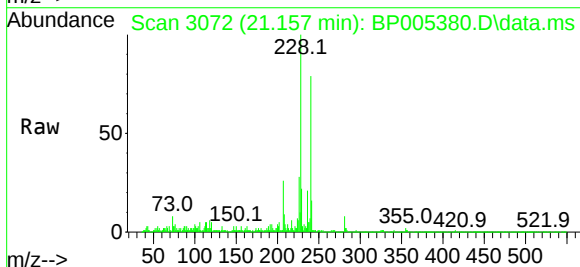
Delta R.T. 0.000 min

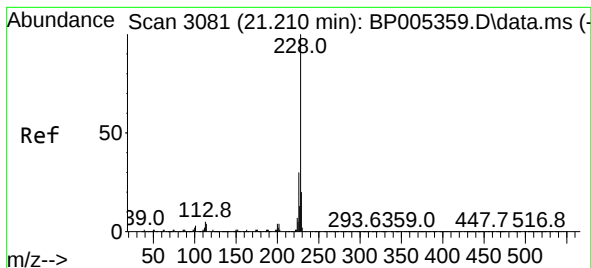
Lab File: BP005380.D

Acq: 22 Apr 2021 17:40

Tgt Ion:228 Resp: 65699

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.2	31.8
229	21.7	15.6	23.4





#83

Chrysene

Concen: 4.44 ng

RT: 21.204 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BP005380.D

Acq: 22 Apr 2021 17:40

Tgt Ion:228 Resp: 62484

Ion Ratio Lower Upper

228 100

226 32.9 24.8 37.2

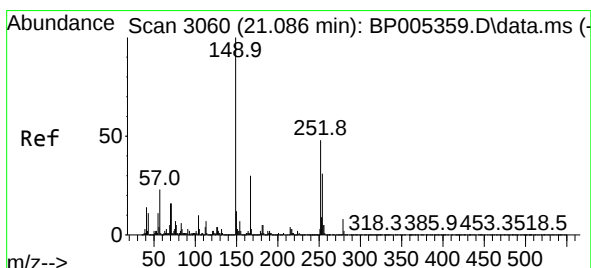
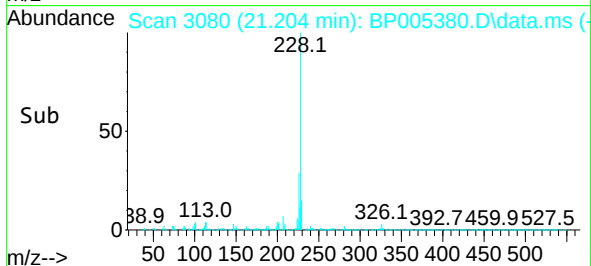
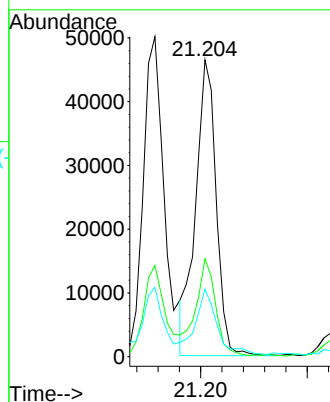
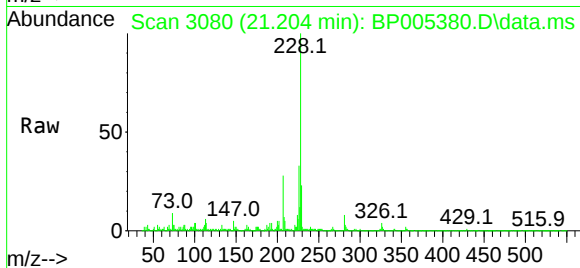
229 22.7 15.4 23.0

Instrument :

BNA_P

ClientSampleId :

RB37708RT



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.48 ng

RT: 21.080 min Scan# 3059

Delta R.T. -0.006 min

Lab File: BP005380.D

Acq: 22 Apr 2021 17:40

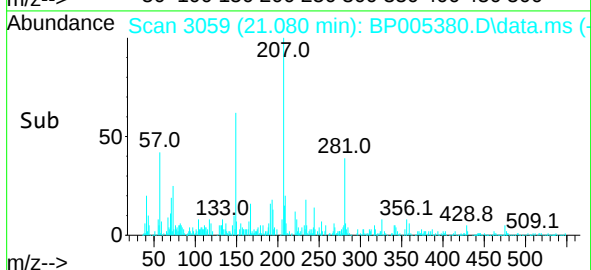
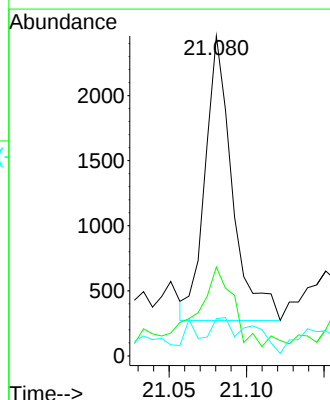
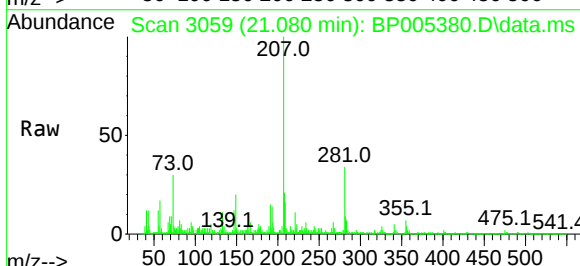
Tgt Ion:149 Resp: 2669

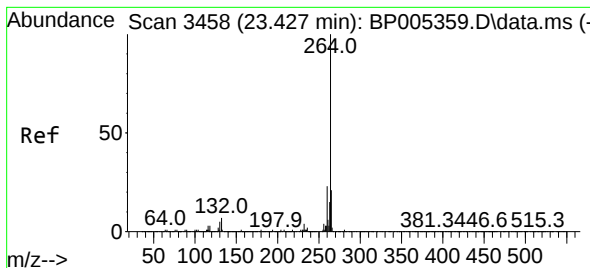
Ion Ratio Lower Upper

149 100

167 27.8 23.8 35.8

279 11.6 5.7 8.5#

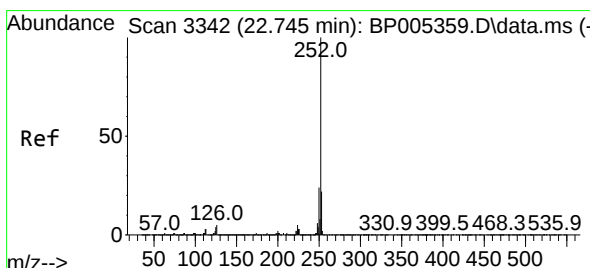
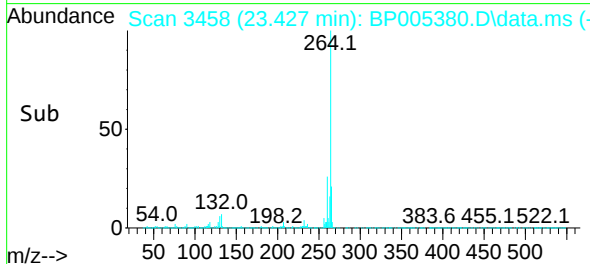
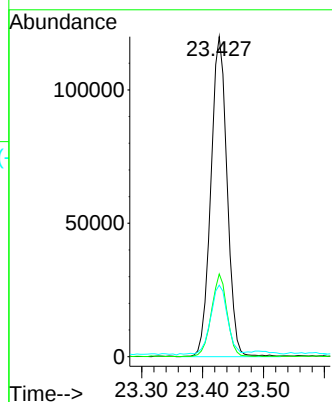
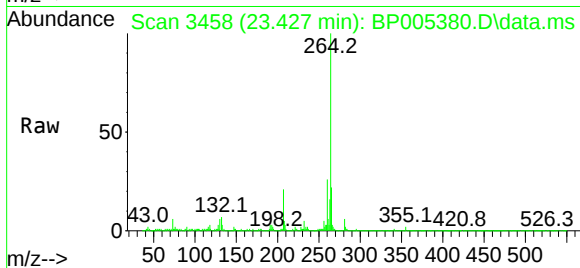




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.427 min Scan# 3458
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

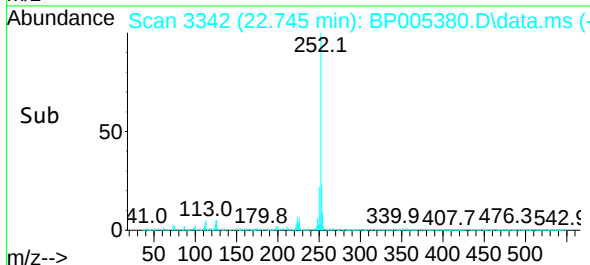
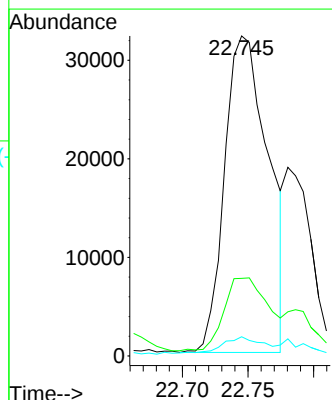
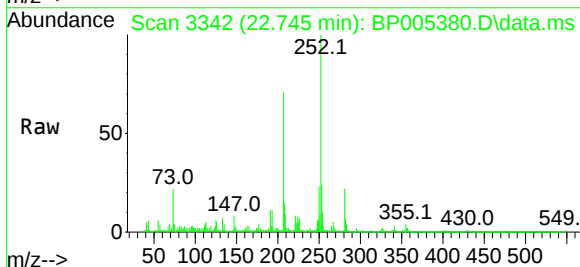
Instrument :
BNA_P
ClientSampleId :
RB37708RT

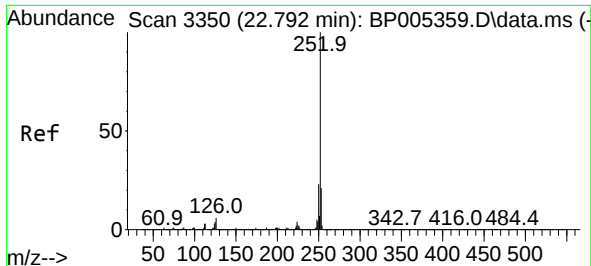
Tgt Ion:	264	Resp:	222345
Ion Ratio	Lower	Upper	
264	100		
260	25.8	20.6	30.8
265	22.3	19.0	28.6



#88
Benzo(b)fluoranthene
Concen: 5.09 ng
RT: 22.745 min Scan# 3342
Delta R.T. 0.000 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:	252	Resp:	74521
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.2	27.2
125	6.0	3.4	5.0#

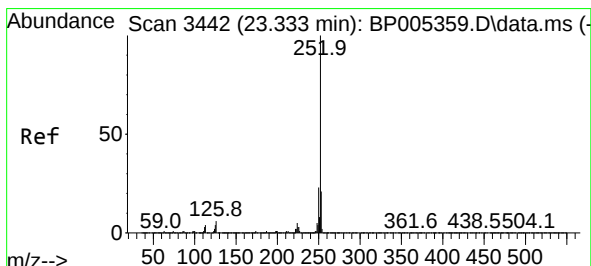
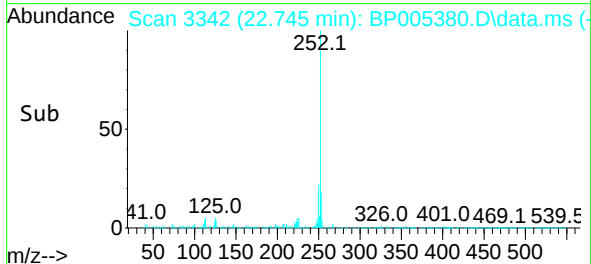
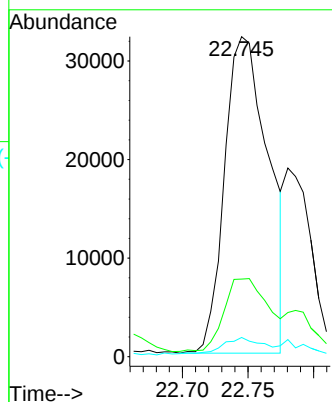
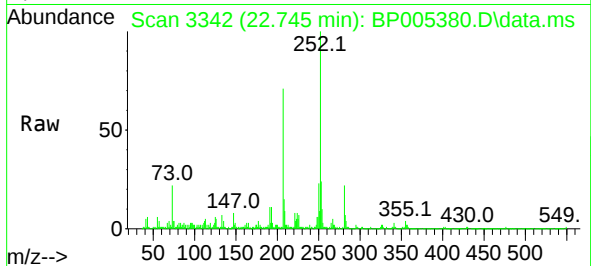




#89
Benzo(k)fluoranthene
Concen: 5.18 ng
RT: 22.745 min Scan# 3342
Delta R.T. -0.047 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

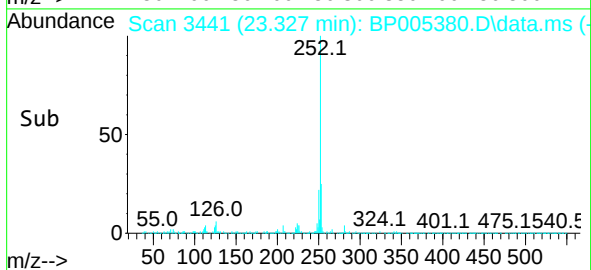
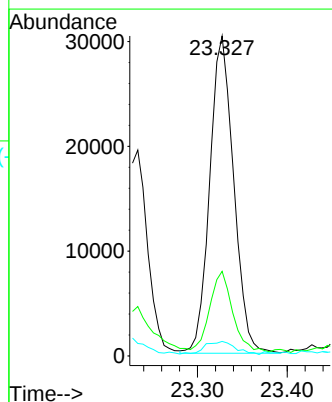
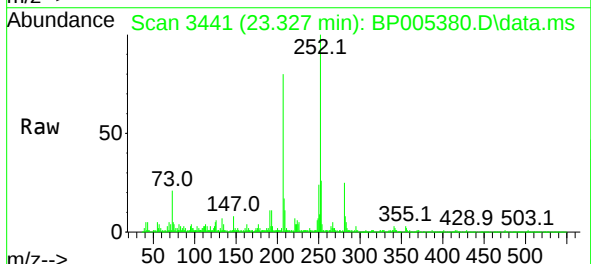
Instrument :
BNA_P
ClientSampleId :
RB37708RT

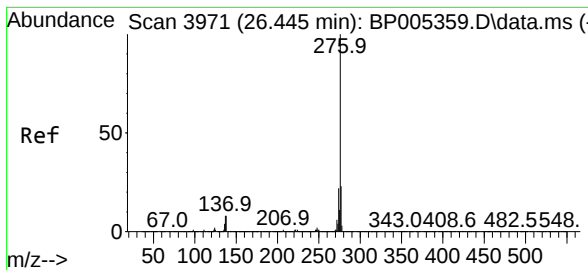
Tgt Ion:252 Resp: 74521
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 6.0 3.8 5.6#



#90
Benzo(a)pyrene
Concen: 4.20 ng
RT: 23.327 min Scan# 3441
Delta R.T. -0.006 min
Lab File: BP005380.D
Acq: 22 Apr 2021 17:40

Tgt Ion:252 Resp: 56106
Ion Ratio Lower Upper
252 100
253 26.4 17.1 25.7#
125 4.6 3.8 5.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.41 ng
 RT: 26.439 min Scan# 3970
 Delta R.T. -0.006 min
 Lab File: BP005380.D
 Acq: 22 Apr 2021 17:40

Instrument :
 BNA_P
 ClientSampleId :
 RB37708RT

Tgt Ion:	276	Resp:	33269
Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.8	29.8
138	9.3	7.7	11.5

