

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
 Data File : BP005122.D
 Acq On : 31 Mar 2021 12:43
 Operator : CG/JU
 Sample : M1838-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PHC-BEAPT-001

Quant Time: Mar 31 13:35:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 10:07:03 2021
 Response via : Initial Calibration

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

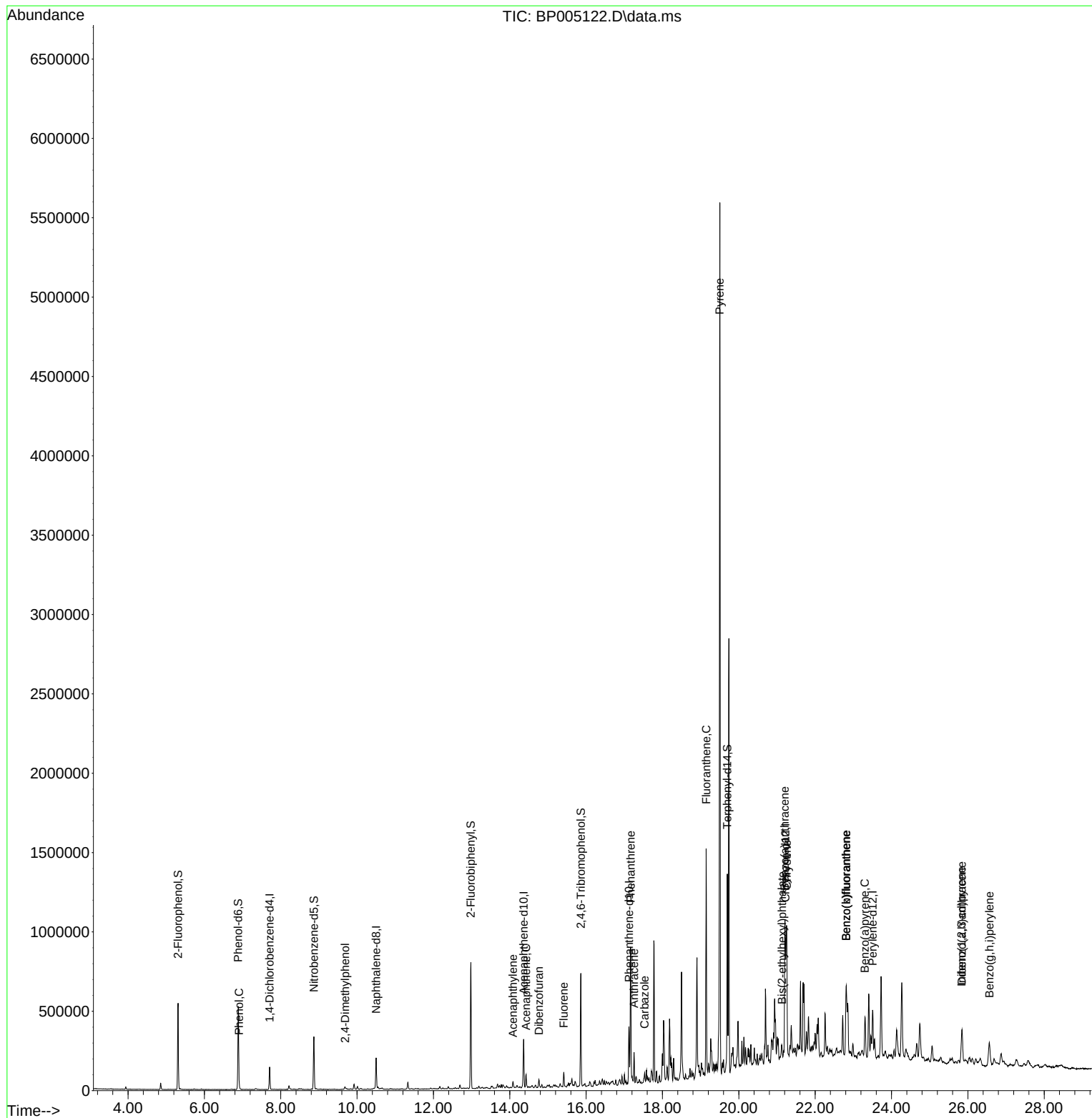
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	35167	20.00	ng	# 0.00
21) Naphthalene-d8	10.499	136	156679	20.00	ng	#-0.01
39) Acenaphthene-d10	14.363	164	103940	20.00	ng	-0.01
64) Phenanthrene-d10	17.122	188	212714	20.00	ng	#-0.01
76) Chrysene-d12	21.222	240	211745	20.00	ng	-0.01
86) Perylene-d12	23.504	264	222364	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	225321	98.60	ng	0.00
7) Phenol-d6	6.887	99	302664	92.47	ng	0.00
23) Nitrobenzene-d5	8.869	82	198806	54.44	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	137714	101.69	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	400823	52.17	ng	0.00
79) Terphenyl-d14	19.698	244	554103	47.64	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.911	94	9371	2.79	ng	# 64
27) 2,4-Dimethylphenol	9.687	122	5685	2.37	ng	88
49) Acenaphthylene	14.087	152	20304	2.02	ng	99
52) Acenaphthene	14.428	154	28563	4.62	ng	95
55) Dibenzofuran	14.763	168	22046	2.18	ng	# 95
58) Fluorene	15.416	166	39766	4.87	ng	99
71) Phenanthrene	17.169	178	511190	41.45	ng	99
72) Anthracene	17.257	178	121553	10.09	ng	98
73) Carbazole	17.534	167	34422	3.04	ng	98
75) Fluoranthene	19.145	202	742145	51.15	ng	99
78) Pyrene	19.498	202	919825	63.22	ng	97
81) Benzo(a)anthracene	21.204	228	362649	25.21	ng	98
83) Chrysene	21.257	228	461609	32.69	ng	96
84) Bis(2-ethylhexyl)phtha...	21.133	149	17333	2.19	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.839	276	185049	11.10	ng	# 92
88) Benzo(b)fluoranthene	22.816	252	528448	33.47	ng	97
89) Benzo(k)fluoranthene	22.816	252	528448	34.92	ng	98
90) Benzo(a)pyrene	23.304	252	197310	13.94	ng	98
91) Dibenzo(a,h)anthracene	25.845	278	51370	3.56	ng	# 94
92) Benzo(g,h,i)perylene	26.562	276	182693	13.13	ng	96

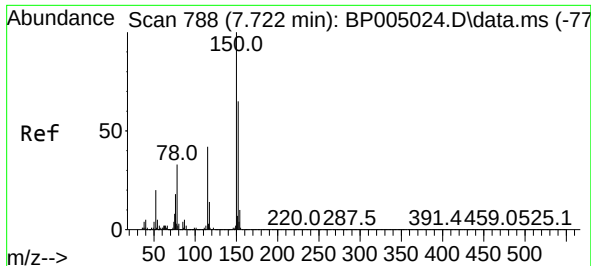
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
Data File : BP005122.D
Acq On : 31 Mar 2021 12:43
Operator : CG/JU
Sample : M1838-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

Quant Time: Mar 31 13:35:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 10:07:03 2021
Response via : Initial Calibration

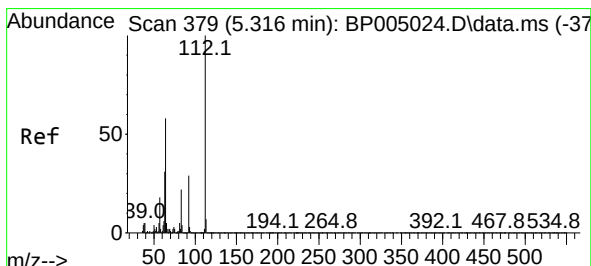
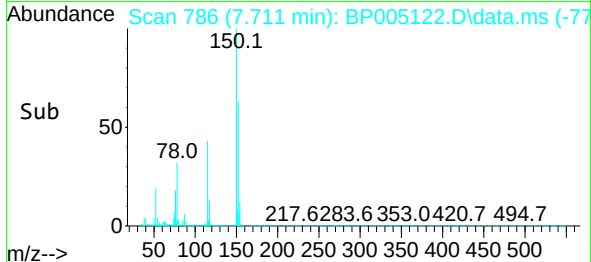
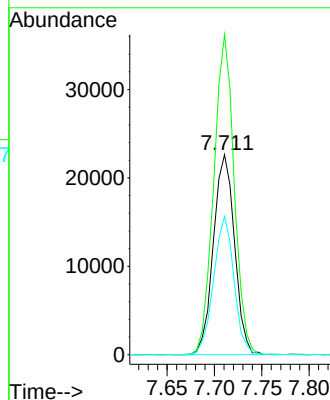
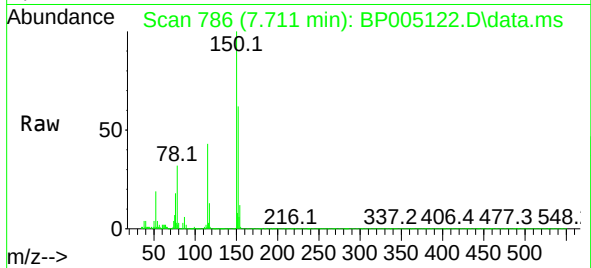




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.711 min Scan# 786
Delta R.T. -0.005 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

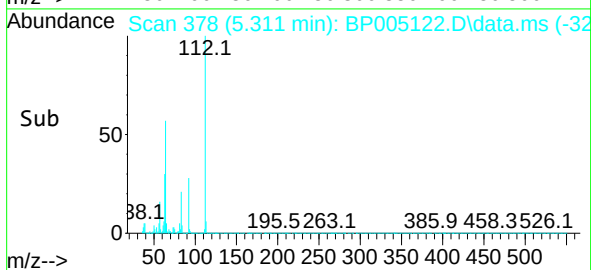
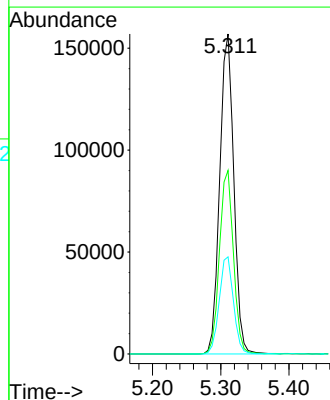
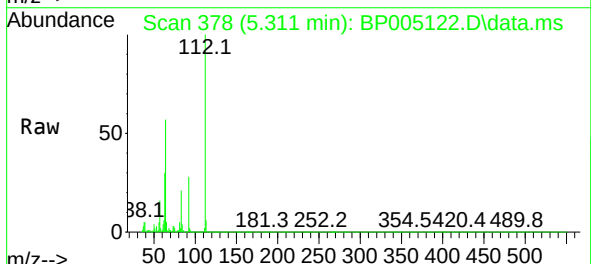
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

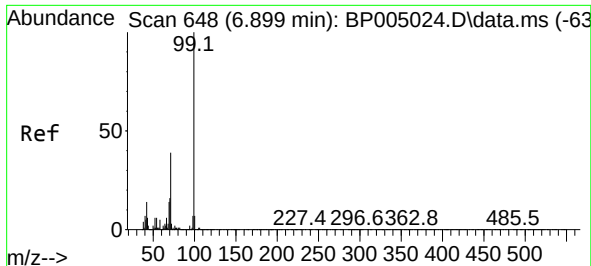
Tgt Ion:152 Resp: 35167
Ion Ratio Lower Upper
152 100
150 160.0 123.8 185.6
115 69.1 43.8 65.6#



#5
2-Fluorophenol
Concen: 98.60 ng
RT: 5.311 min Scan# 378
Delta R.T. -0.000 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:112 Resp: 225321
Ion Ratio Lower Upper
112 100
64 57.4 32.8 49.2#
63 30.4 17.0 25.4#

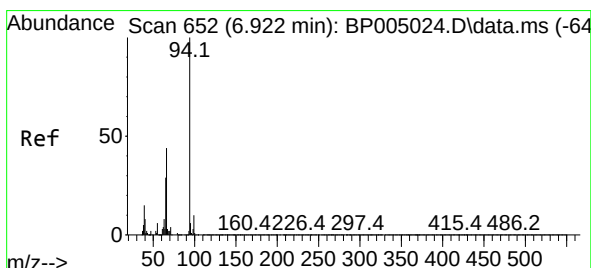
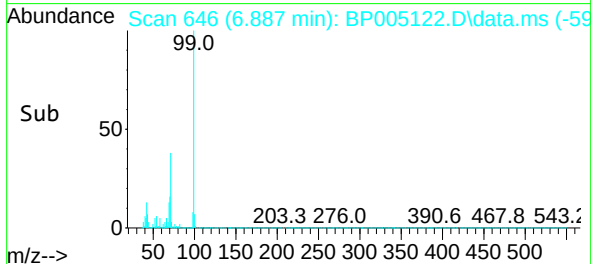
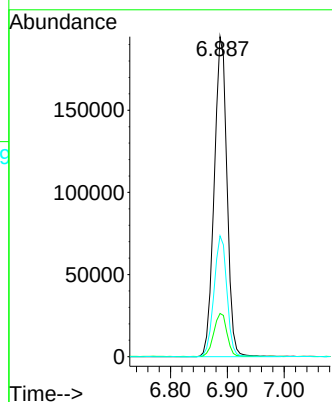
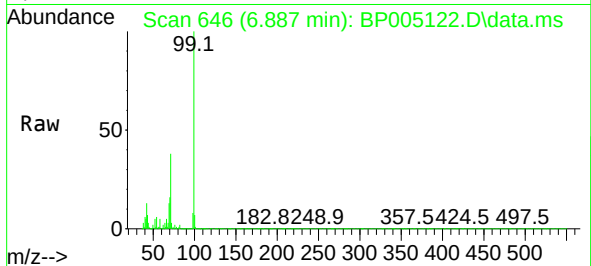




#7
Phenol-d6
Concen: 92.47 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

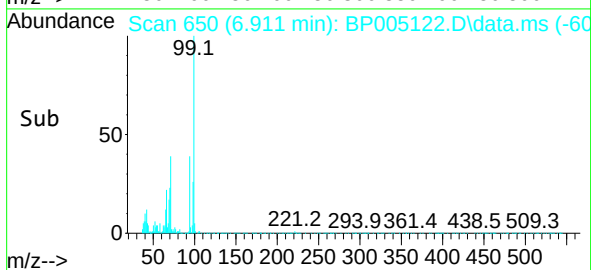
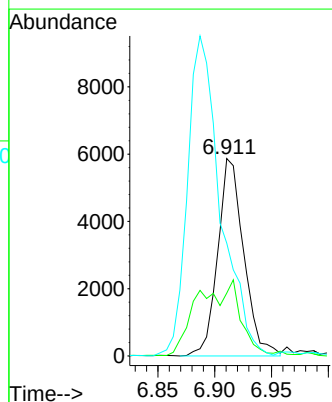
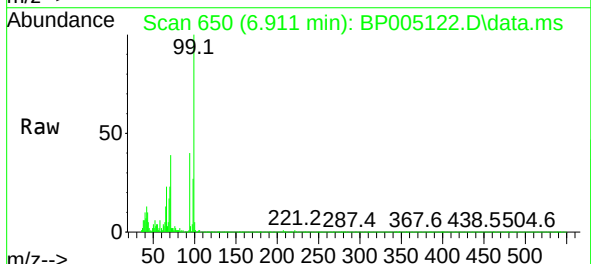
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

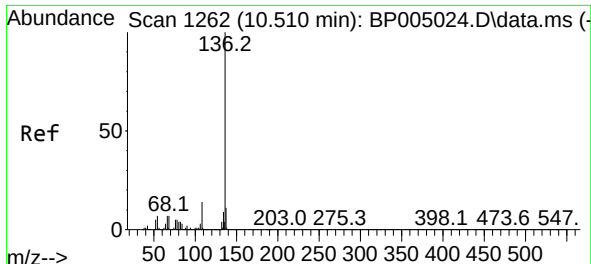
Tgt Ion: 99 Resp: 302664
Ion Ratio Lower Upper
99 100
42 13.5 8.6 13.0#
71 37.7 23.4 35.2#



#10
Phenol
Concen: 2.79 ng
RT: 6.911 min Scan# 650
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion: 94 Resp: 9371
Ion Ratio Lower Upper
94 100
65 31.8 2.3 42.3
66 57.1 10.9 50.9#

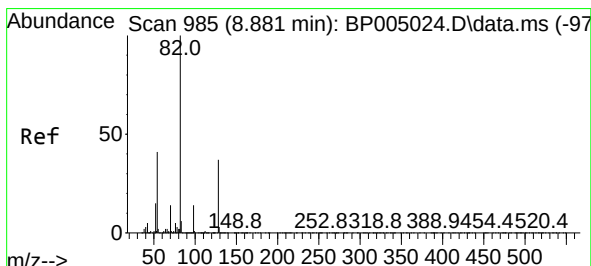
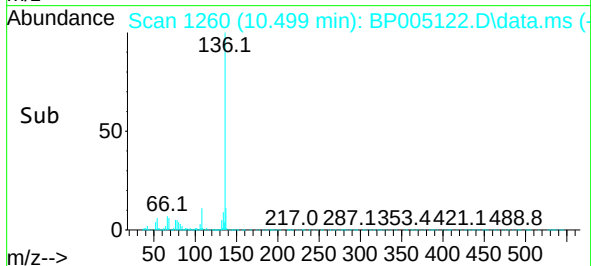
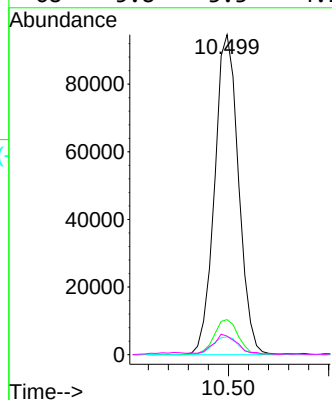
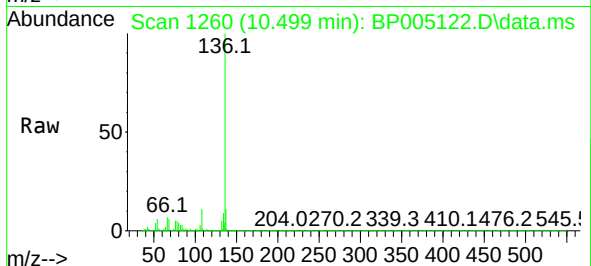




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

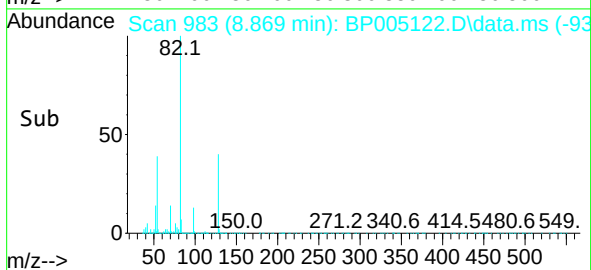
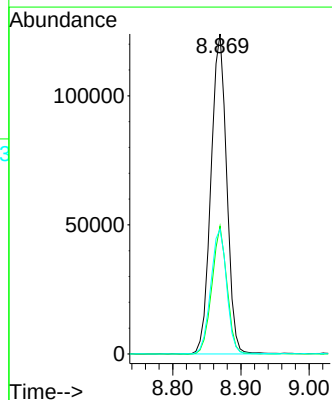
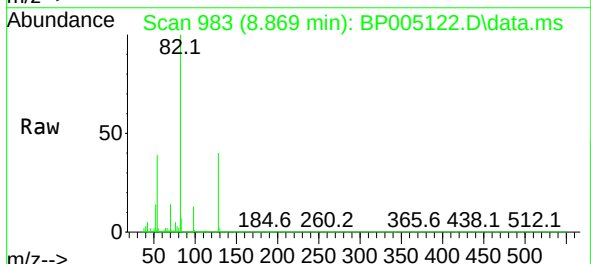
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

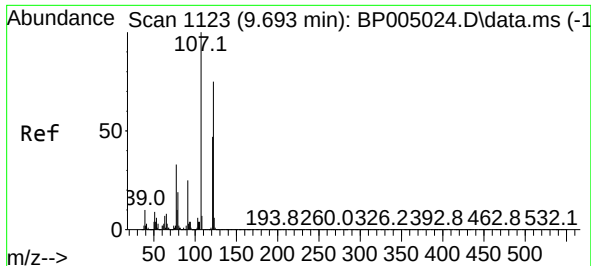
Tgt Ion:	136	Resp:	156679
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.6	3.6	5.4#
68	5.8	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 54.44 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:	82	Resp:	198806
Ion	Ratio	Lower	Upper
82	100		
128	40.0	45.6	68.4#
54	39.0	30.1	45.1

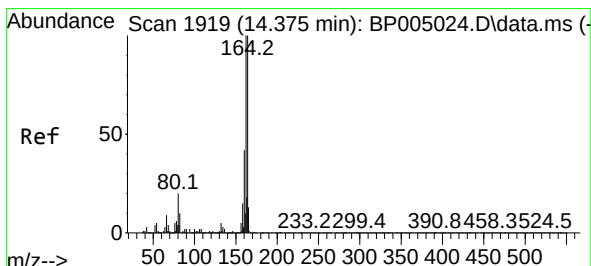
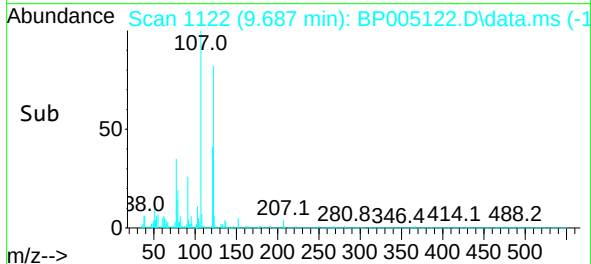
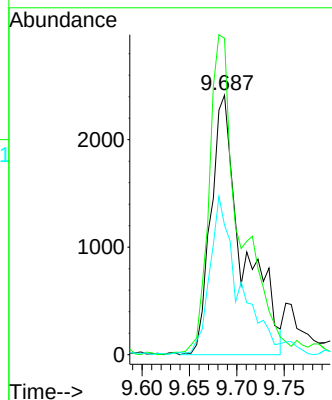
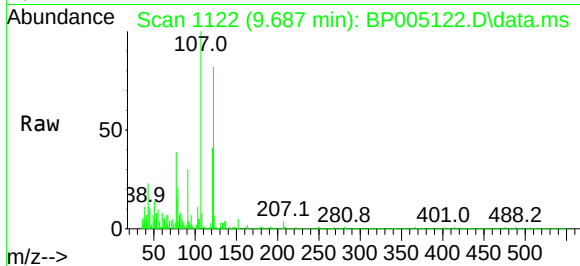




#27
2,4-Dimethylphenol
Concen: 2.37 ng
RT: 9.687 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

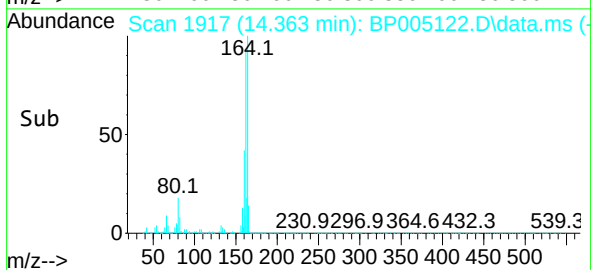
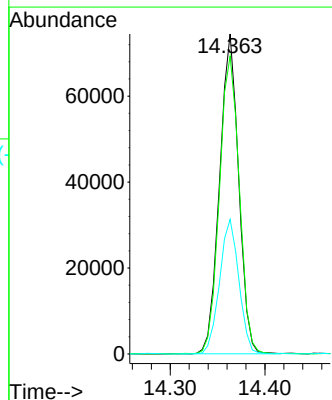
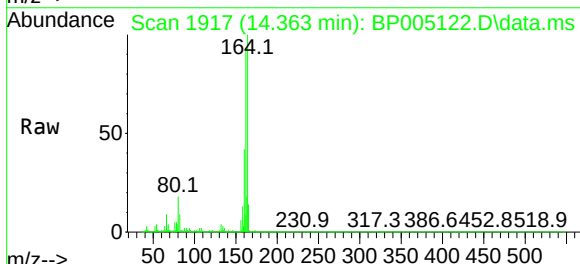
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

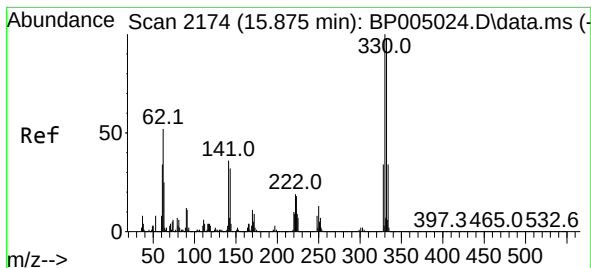
Tgt Ion:122	Resp: 5685
Ion Ratio	Lower Upper
122	100
107	121.9 87.3 130.9
121	49.9 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:164	Resp: 103940
Ion Ratio	Lower Upper
164	100
162	93.1 79.4 119.2
160	42.0 36.1 54.1

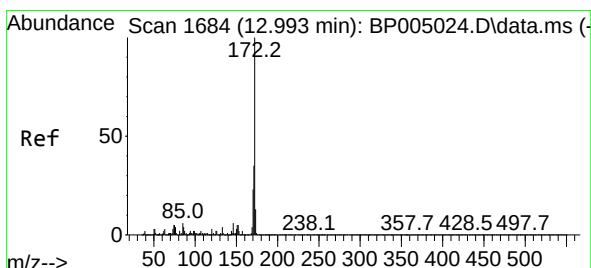
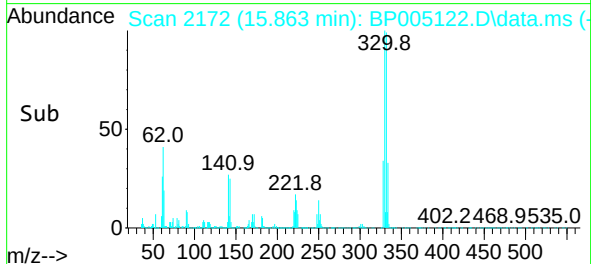
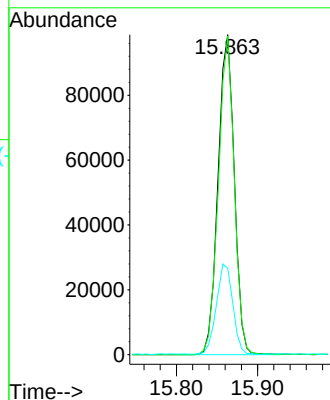
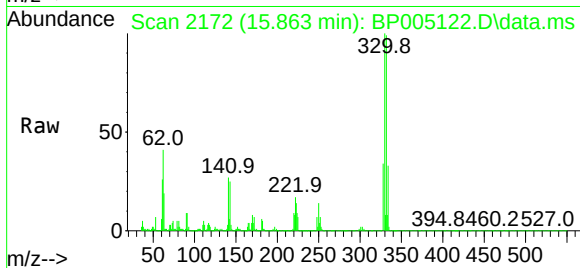




#42
2,4,6-Tribromophenol
Concen: 101.69 ng
RT: 15.863 min Scan# 2172
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

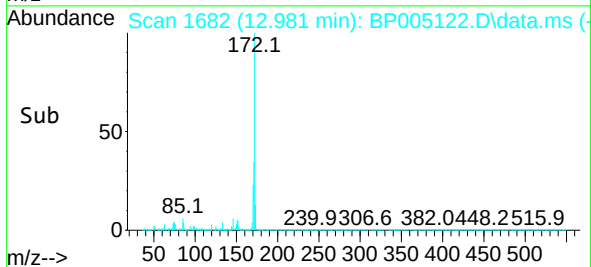
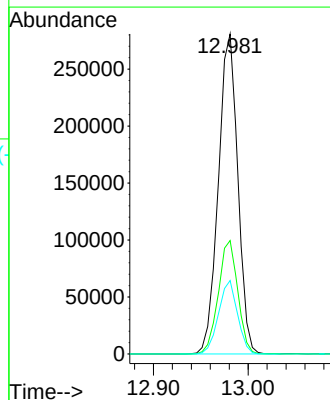
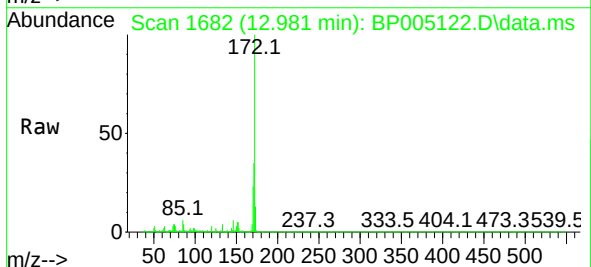
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

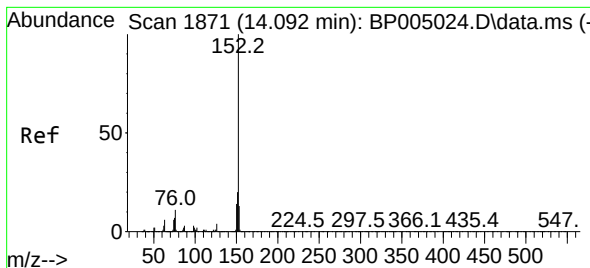
Tgt Ion:330 Resp: 137714
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 28.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 52.17 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:172 Resp: 400823
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.9 19.2 28.8





#49

Acenaphthylene

Concen: 2.02 ng

RT: 14.087 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

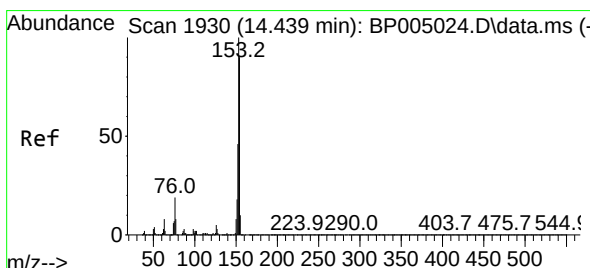
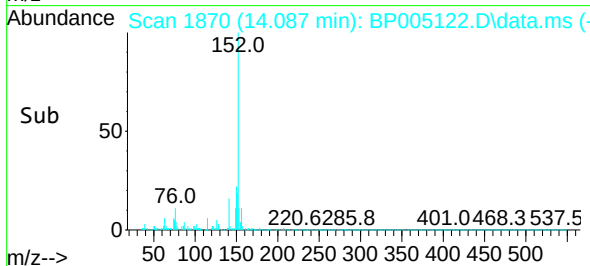
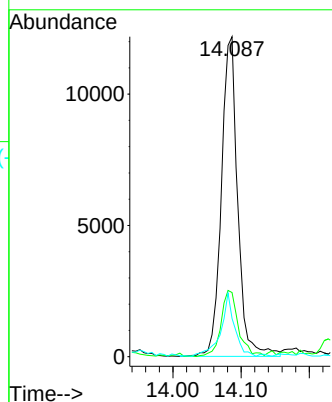
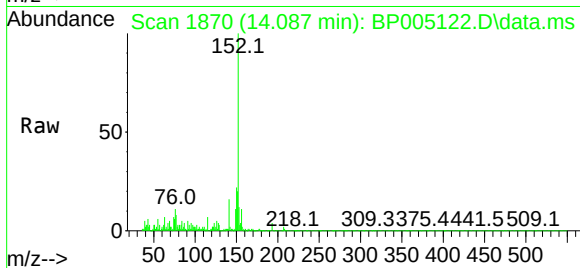
Tgt Ion:	152	Resp:	20304
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.9	23.9
153	11.9	10.5	15.7

Instrument :

BNA_P

ClientSampleId :

PHC-BEAPT-001



#52

Acenaphthene

Concen: 4.62 ng

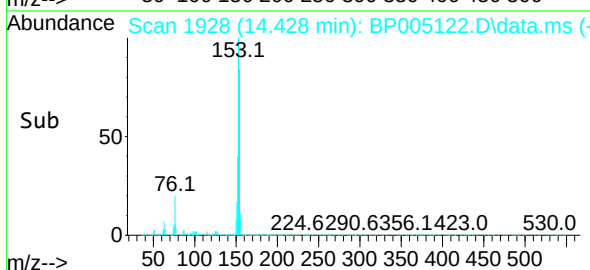
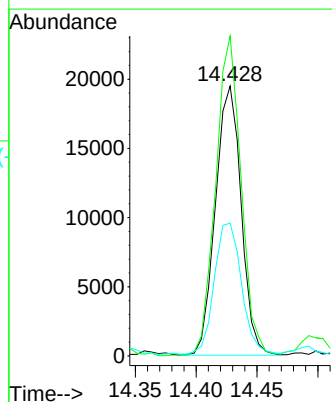
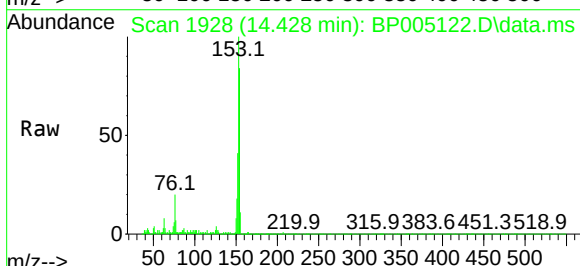
RT: 14.428 min Scan# 1928

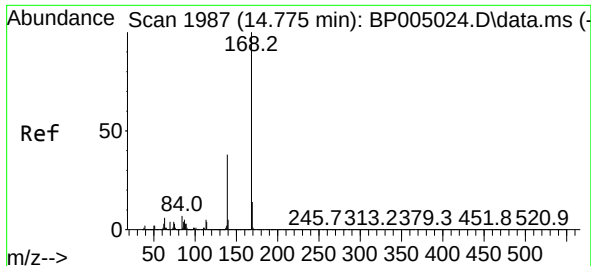
Delta R.T. -0.012 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

Tgt Ion:	154	Resp:	28563
Ion Ratio	Lower	Upper	
154	100		
153	118.6	91.0	136.6
152	49.2	43.0	64.6





#55

Dibenzenofuran

Concen: 2.18 ng

RT: 14.763 min Scan# 1985

Delta R.T. -0.012 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

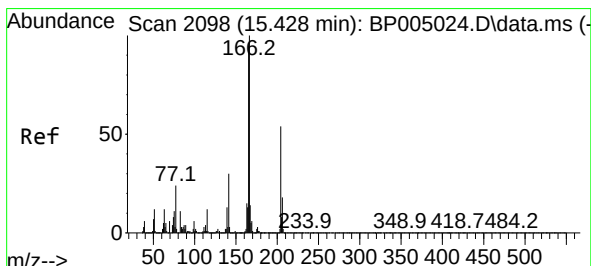
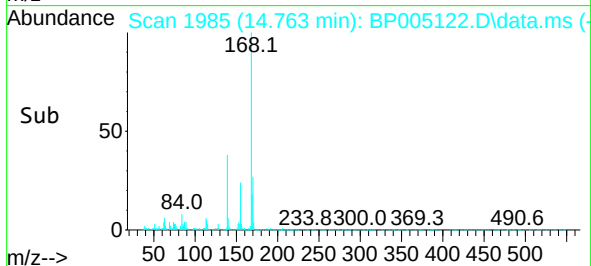
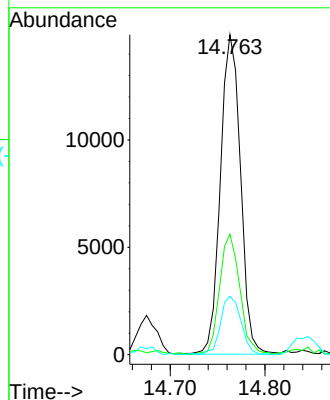
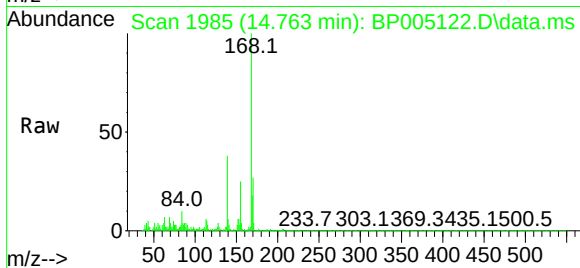
Tgt Ion:168	Resp:	22046
Ion Ratio	Lower	Upper
168	100	
139	37.6	29.1 43.7
169	18.3	10.4 15.6#

Instrument :

BNA_P

ClientSampleId :

PHC-BEAPT-001



#58

Fluorene

Concen: 4.87 ng

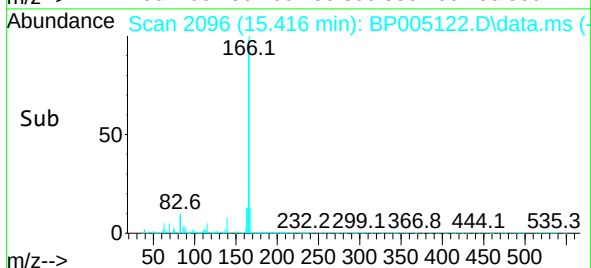
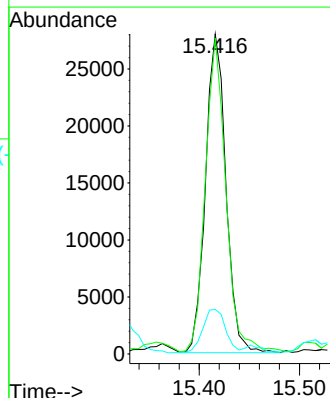
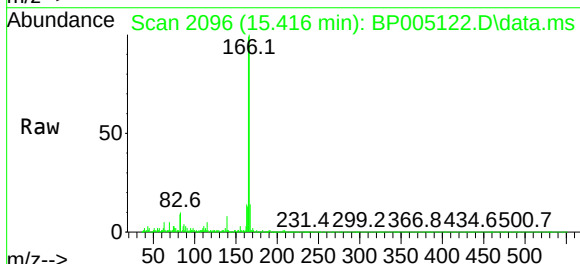
RT: 15.416 min Scan# 2096

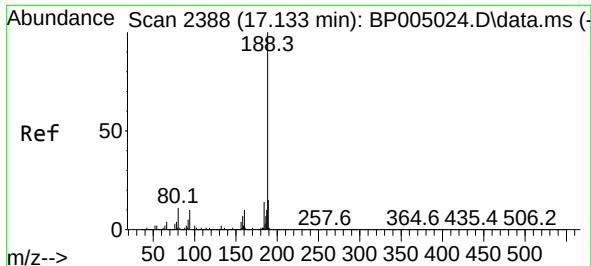
Delta R.T. -0.012 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

Tgt Ion:166	Resp:	39766
Ion Ratio	Lower	Upper
166	100	
165	98.7	77.8 116.8
167	13.9	11.0 16.4

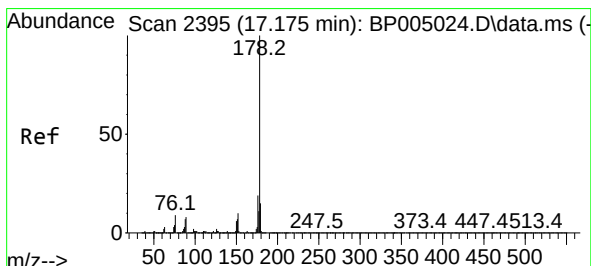
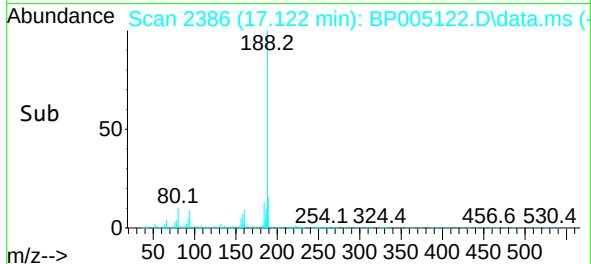
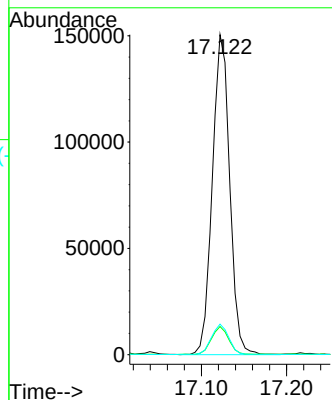
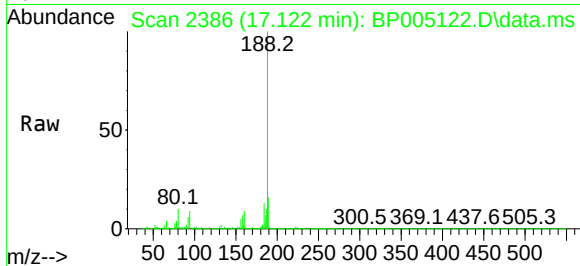




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.122 min Scan# 2386
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

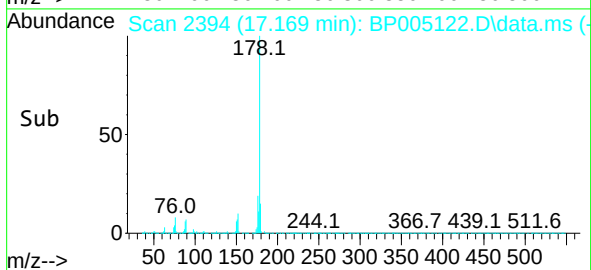
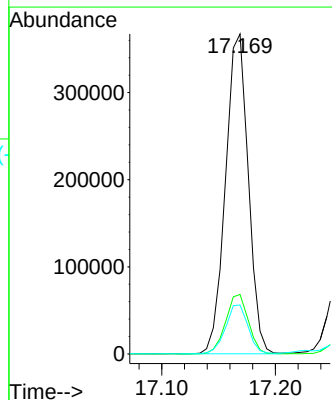
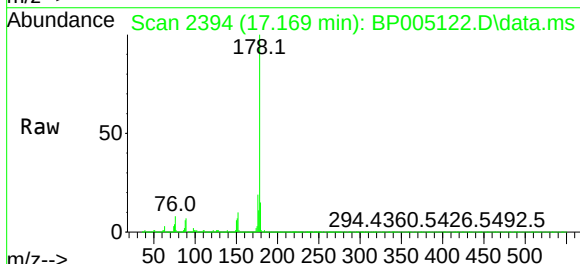
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

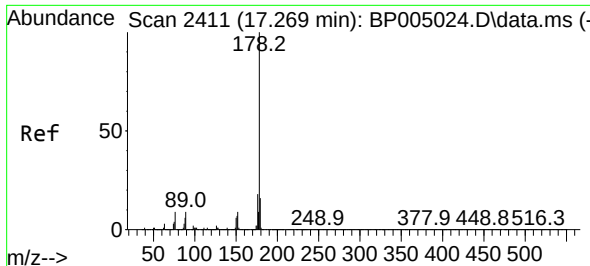
Tgt Ion:188 Resp: 212714
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 9.6 6.2 9.2#



#71
Phenanthrene
Concen: 41.45 ng
RT: 17.169 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:178 Resp: 511190
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.3 12.5 18.7

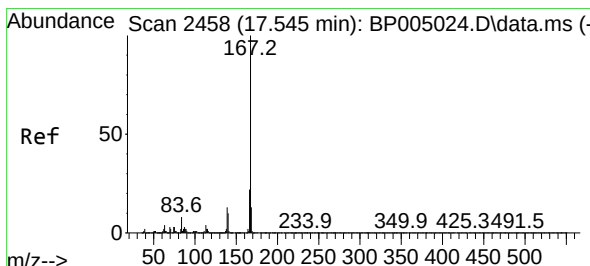
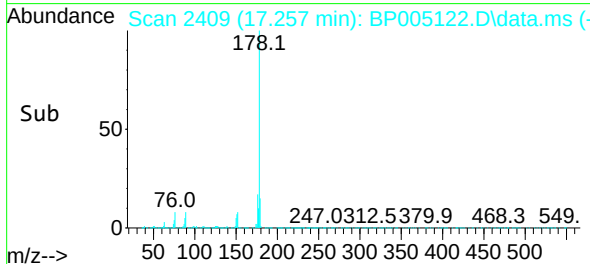
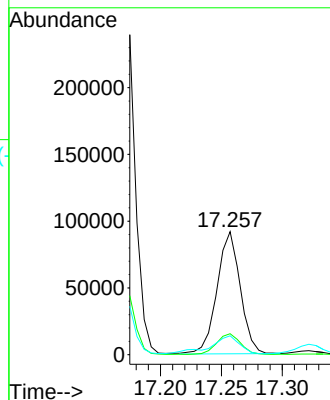
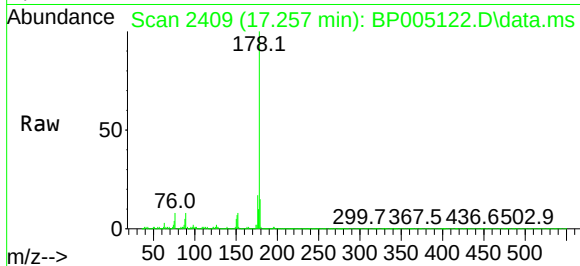




#72
 Anthracene
 Concen: 10.09 ng
 RT: 17.257 min Scan# 2409
 Delta R.T. -0.012 min
 Lab File: BP005122.D
 Acq: 31 Mar 2021 12:43

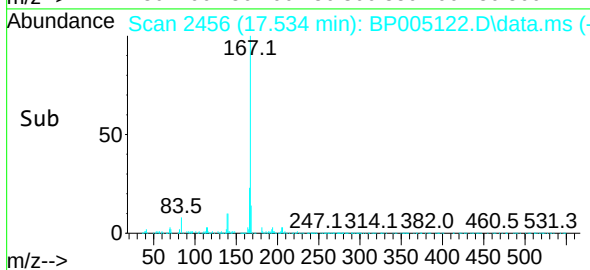
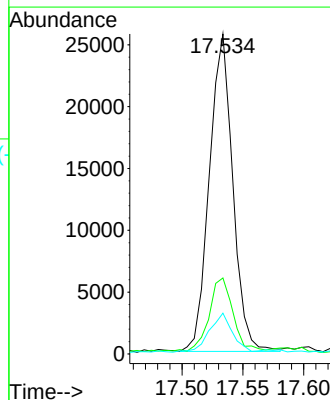
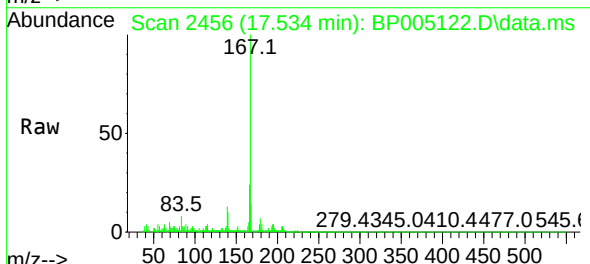
Instrument :
 BNA_P
 ClientSampleId :
 PHC-BEAPT-001

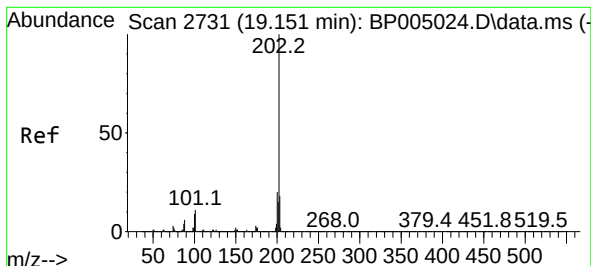
Tgt Ion:178	Resp:	121553
Ion Ratio	Lower	Upper
178	100	
176	17.1	15.0 22.4
179	15.4	12.5 18.7



#73
 Carbazole
 Concen: 3.04 ng
 RT: 17.534 min Scan# 2456
 Delta R.T. -0.012 min
 Lab File: BP005122.D
 Acq: 31 Mar 2021 12:43

Tgt Ion:167	Resp:	34422
Ion Ratio	Lower	Upper
167	100	
166	23.8	17.6 26.4
139	12.8	10.2 15.4

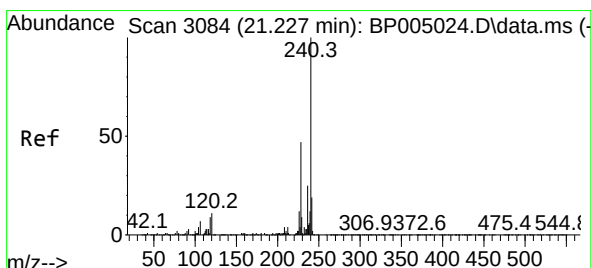
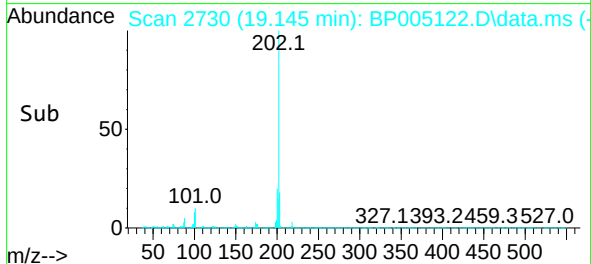
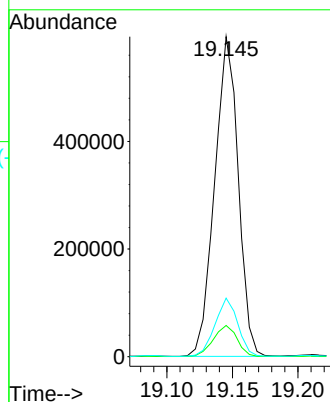
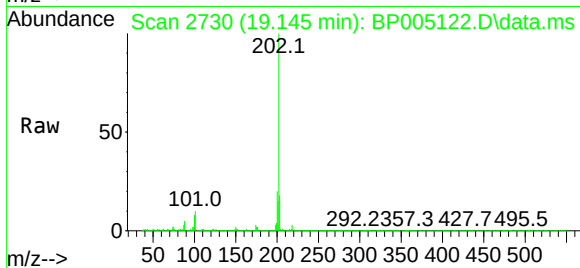




#75
Fluoranthene
Concen: 51.15 ng
RT: 19.145 min Scan# 2730
Delta R.T. -0.006 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

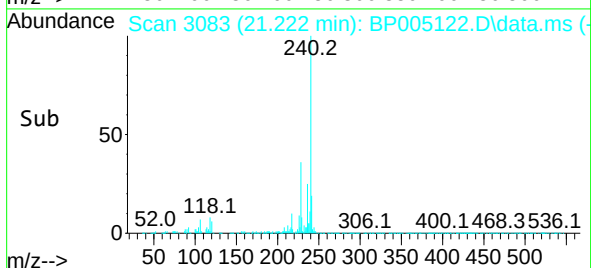
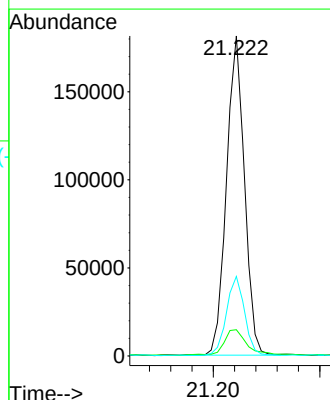
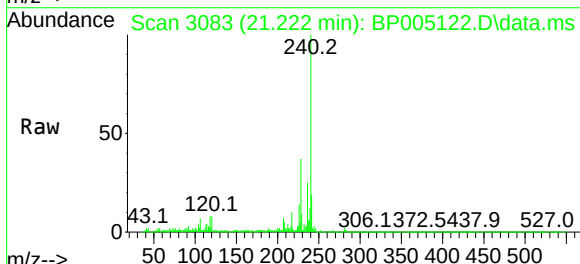
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

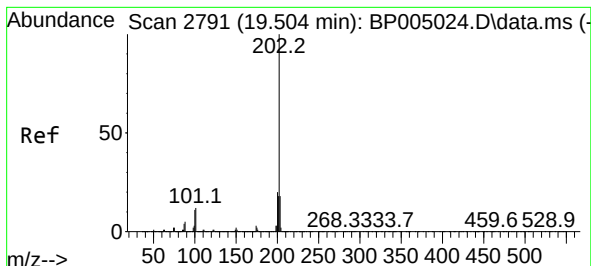
Tgt Ion:	202	Resp:	742145
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.4
203	18.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.222 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:	240	Resp:	211745
Ion Ratio	Lower	Upper	
240	100		
120	8.2	7.8	11.6
236	24.9	20.8	31.2





#78

Pyrene

Concen: 63.22 ng

RT: 19.498 min Scan# 2790

Delta R.T. -0.006 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

Tgt Ion:202 Resp: 919825

Ion Ratio Lower Upper

202 100

200 20.8 17.1 25.7

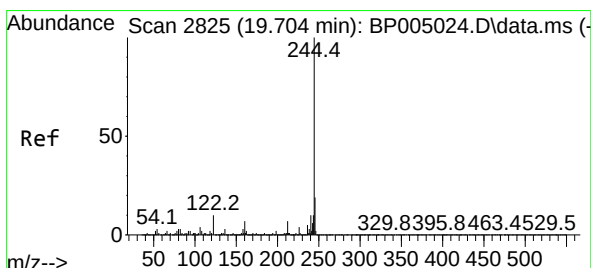
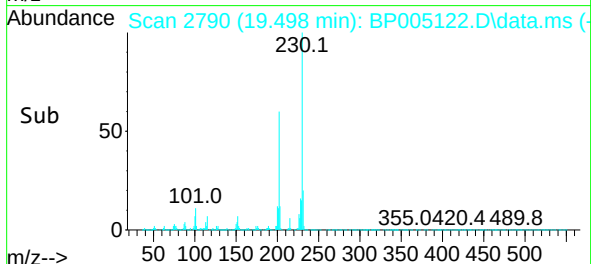
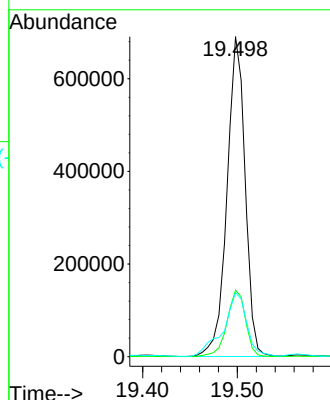
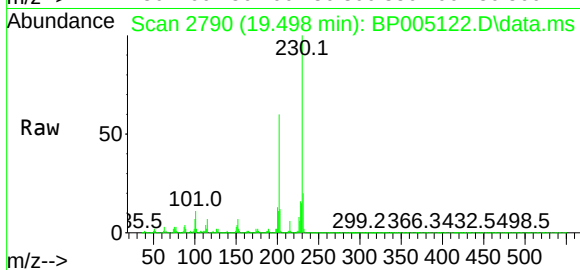
203 20.1 14.2 21.2

Instrument :

BNA_P

ClientSampleId :

PHC-BEAPT-001



#79

Terphenyl-d14

Concen: 47.64 ng

RT: 19.698 min Scan# 2824

Delta R.T. -0.012 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

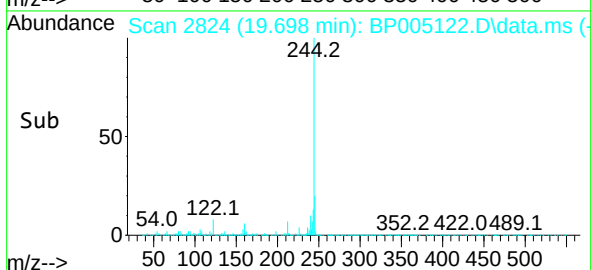
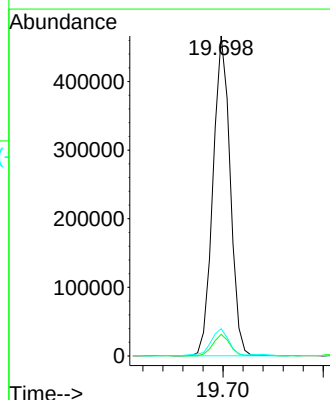
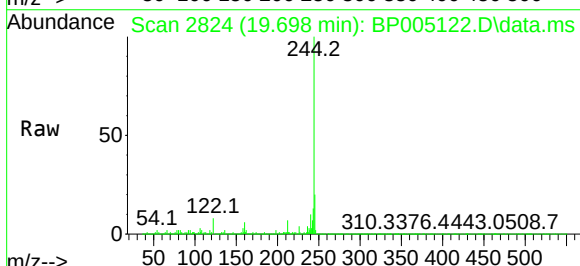
Tgt Ion:244 Resp: 554103

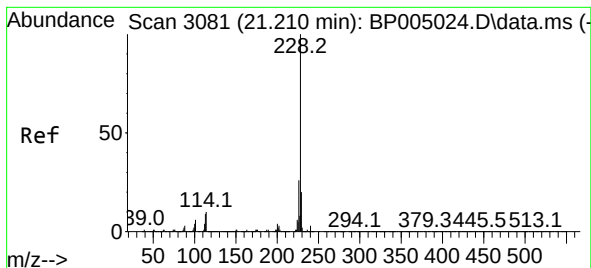
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 8.5 7.8 11.8





#81

Benzo(a)anthracene

Concen: 25.21 ng

RT: 21.204 min Scan# 3080

Delta R.T. -0.012 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

Instrument :

BNA_P

ClientSampleId :

PHC-BEAPT-001

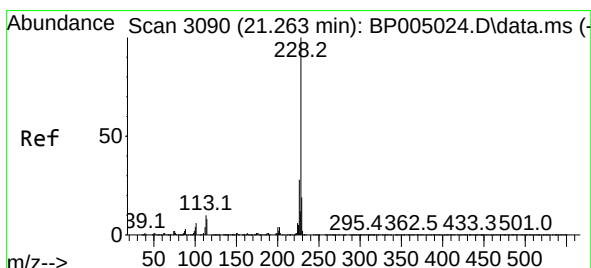
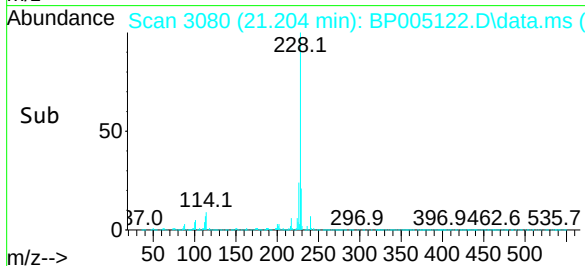
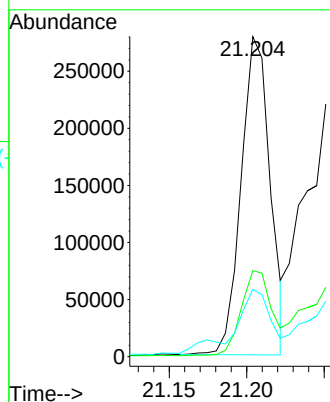
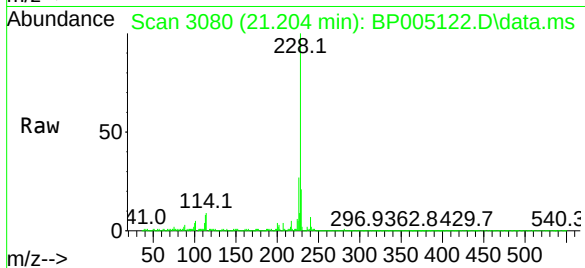
Tgt Ion:228 Resp: 362649

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

229 21.0 15.9 23.9



#83

Chrysene

Concen: 32.69 ng

RT: 21.257 min Scan# 3089

Delta R.T. -0.012 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

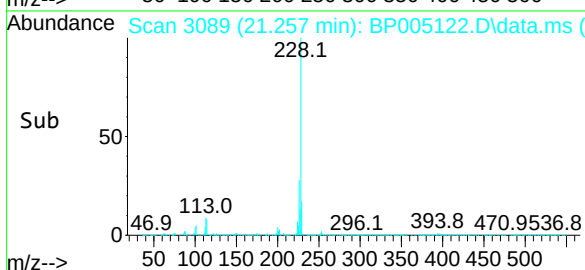
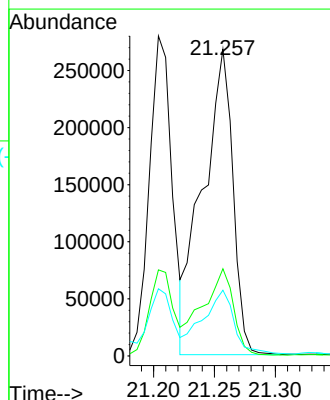
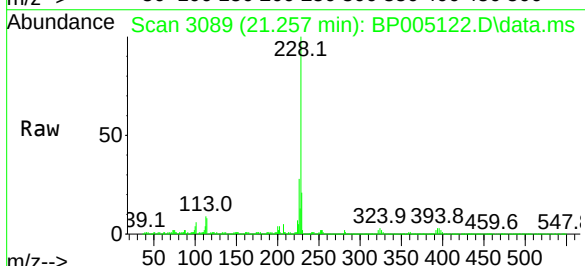
Tgt Ion:228 Resp: 461609

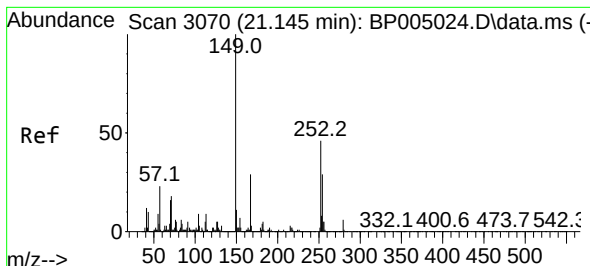
Ion Ratio Lower Upper

228 100

226 28.4 24.4 36.6

229 21.5 15.8 23.6

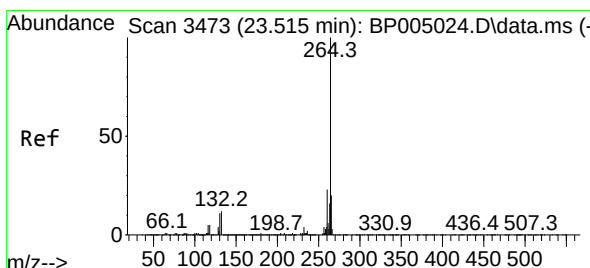
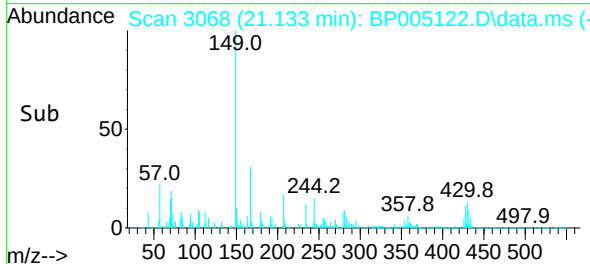
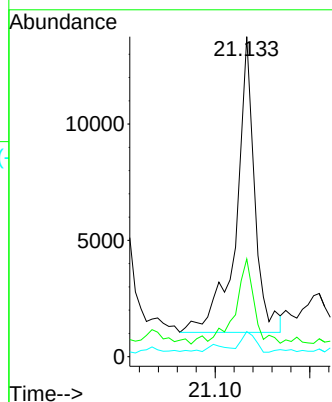
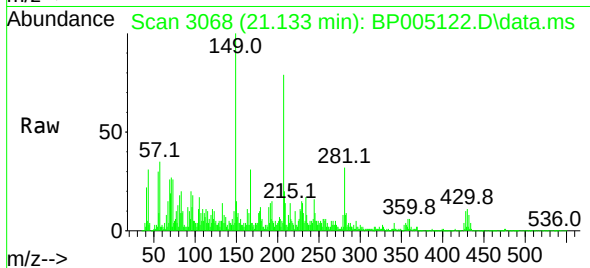




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.19 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.012 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

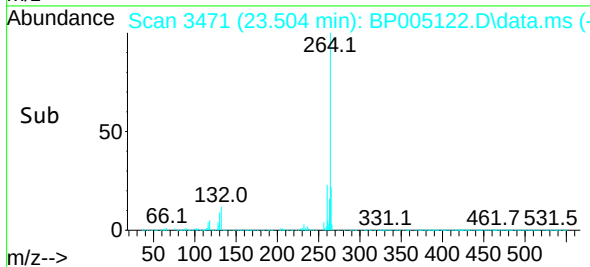
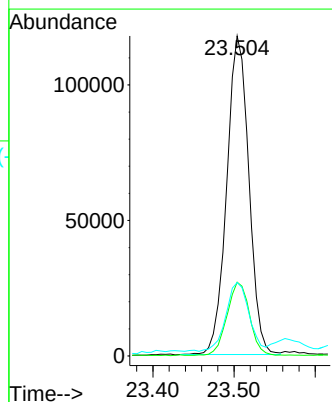
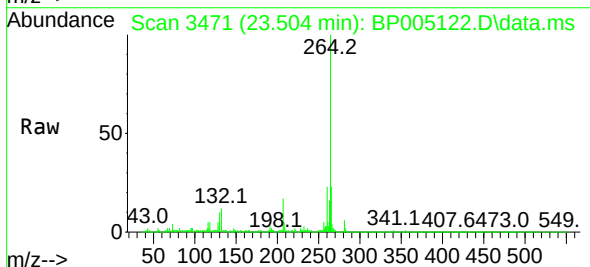
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

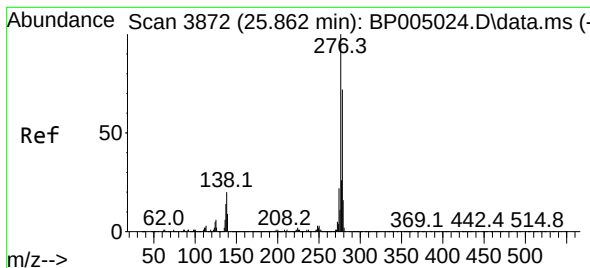
Tgt Ion:149 Resp: 17333
Ion Ratio Lower Upper
149 100
167 30.5 22.6 34.0
279 7.9 4.2 6.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.504 min Scan# 3471
Delta R.T. -0.018 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:264 Resp: 222364
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 22.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.10 ng

RT: 25.839 min Scan# 3868

Delta R.T. -0.035 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

Tgt Ion: 276 Resp: 185049

Ion Ratio Lower Upper

276 100

138 15.5 18.7 28.1#

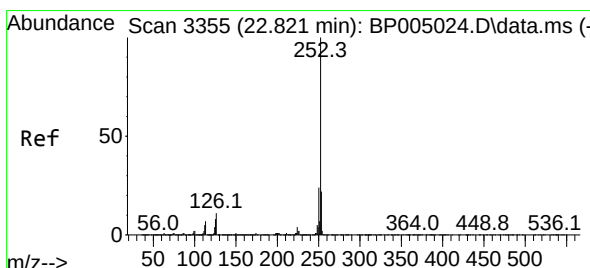
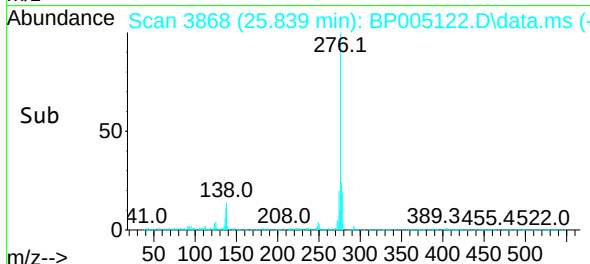
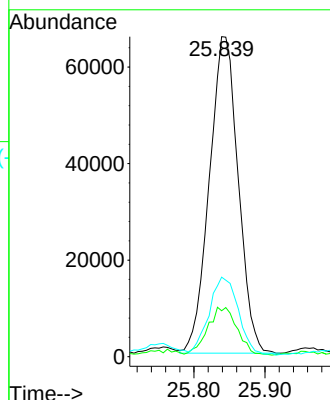
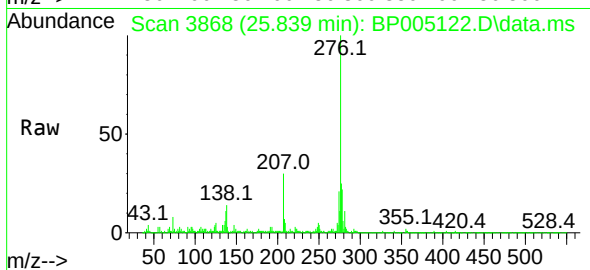
277 25.1 20.4 30.6

Instrument :

BNA_P

ClientSampleId :

PHC-BEAPT-001



#88

Benzo(b)fluoranthene

Concen: 33.47 ng

RT: 22.816 min Scan# 3354

Delta R.T. -0.012 min

Lab File: BP005122.D

Acq: 31 Mar 2021 12:43

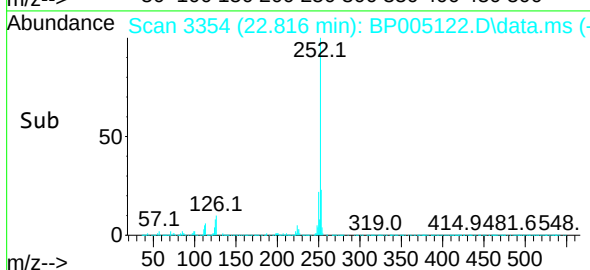
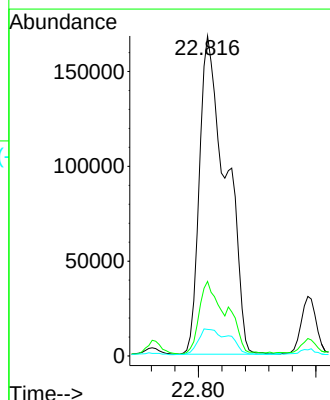
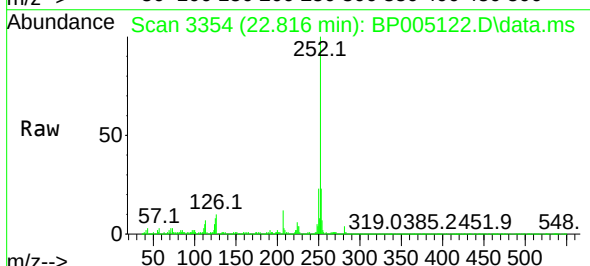
Tgt Ion: 252 Resp: 528448

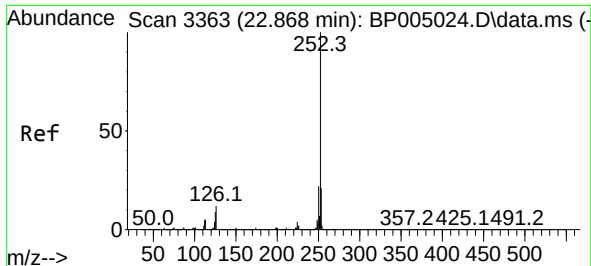
Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

125 8.3 7.3 10.9

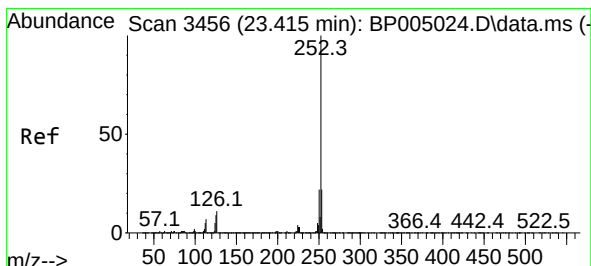
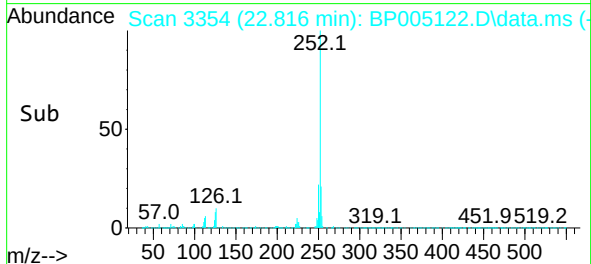
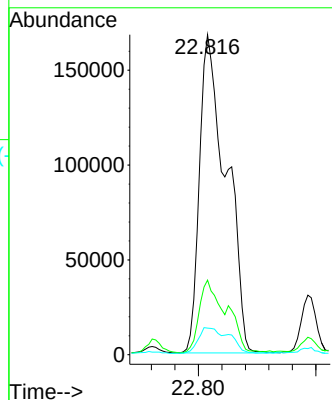
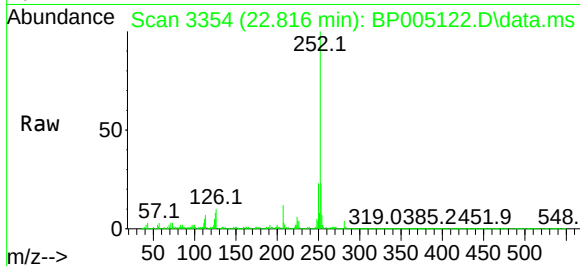




#89
Benzo(k)fluoranthene
Concen: 34.92 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.059 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

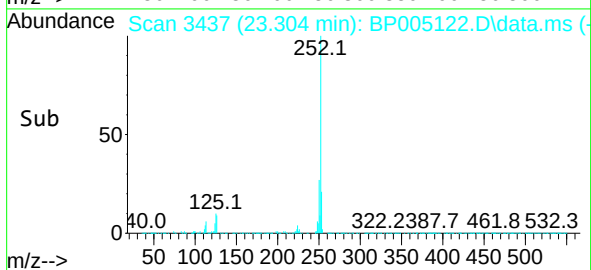
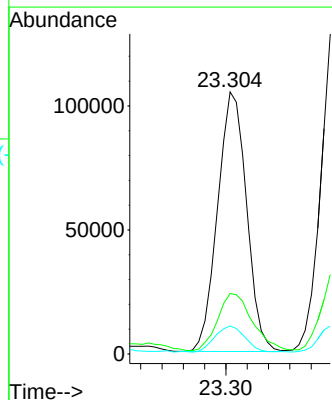
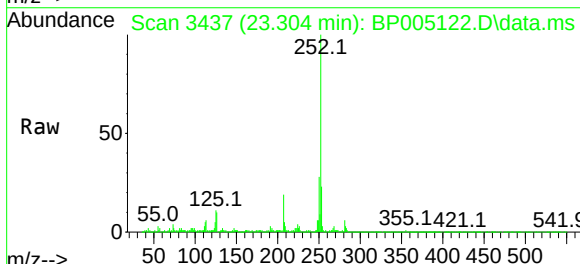
Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

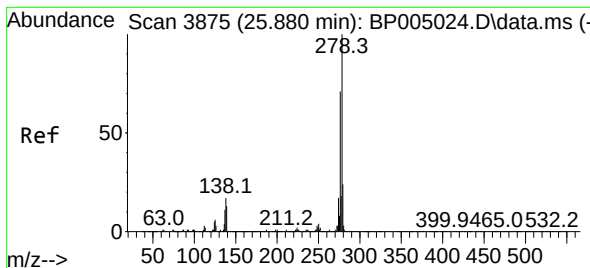
Tgt Ion:252 Resp: 528448
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 13.94 ng
RT: 23.304 min Scan# 3437
Delta R.T. -0.118 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:252 Resp: 197310
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 10.7 8.2 12.4

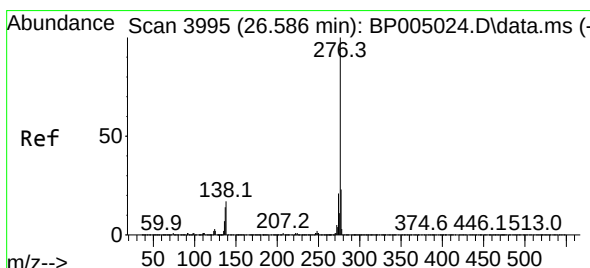
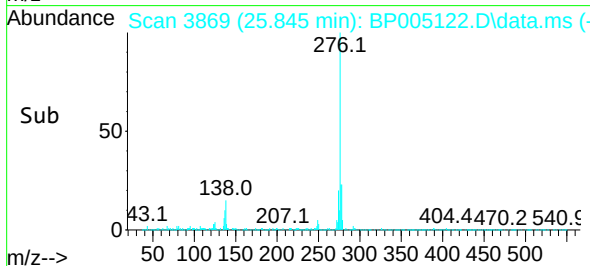
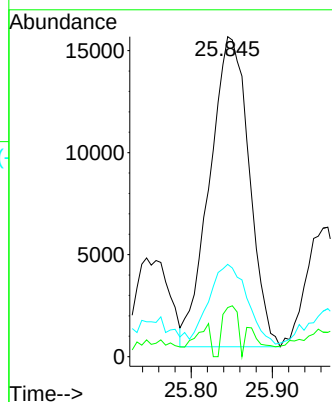
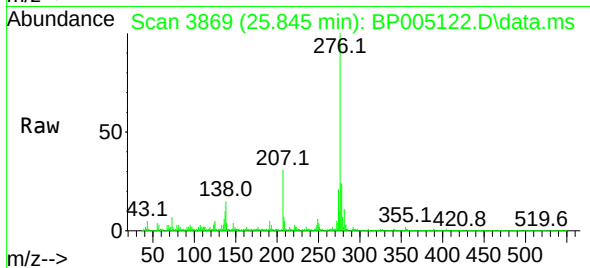




#91
Dibenzo(a,h)anthracene
Concen: 3.56 ng
RT: 25.845 min Scan# 3869
Delta R.T. -0.041 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Instrument :
BNA_P
ClientSampleId :
PHC-BEAPT-001

Tgt Ion:278 Resp: 51370
Ion Ratio Lower Upper
278 100
139 15.4 12.4 18.6
279 28.9 19.0 28.6#



#92
Benzo(g,h,i)perylene
Concen: 13.13 ng
RT: 26.562 min Scan# 3991
Delta R.T. -0.029 min
Lab File: BP005122.D
Acq: 31 Mar 2021 12:43

Tgt Ion:276 Resp: 182693
Ion Ratio Lower Upper
276 100
277 25.0 19.0 28.6
138 18.3 16.6 24.8

