

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
 Data File : BP007176.D
 Acq On : 25 Sep 2021 01:03
 Operator : CG/JU
 Sample : M3917-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 01:50:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

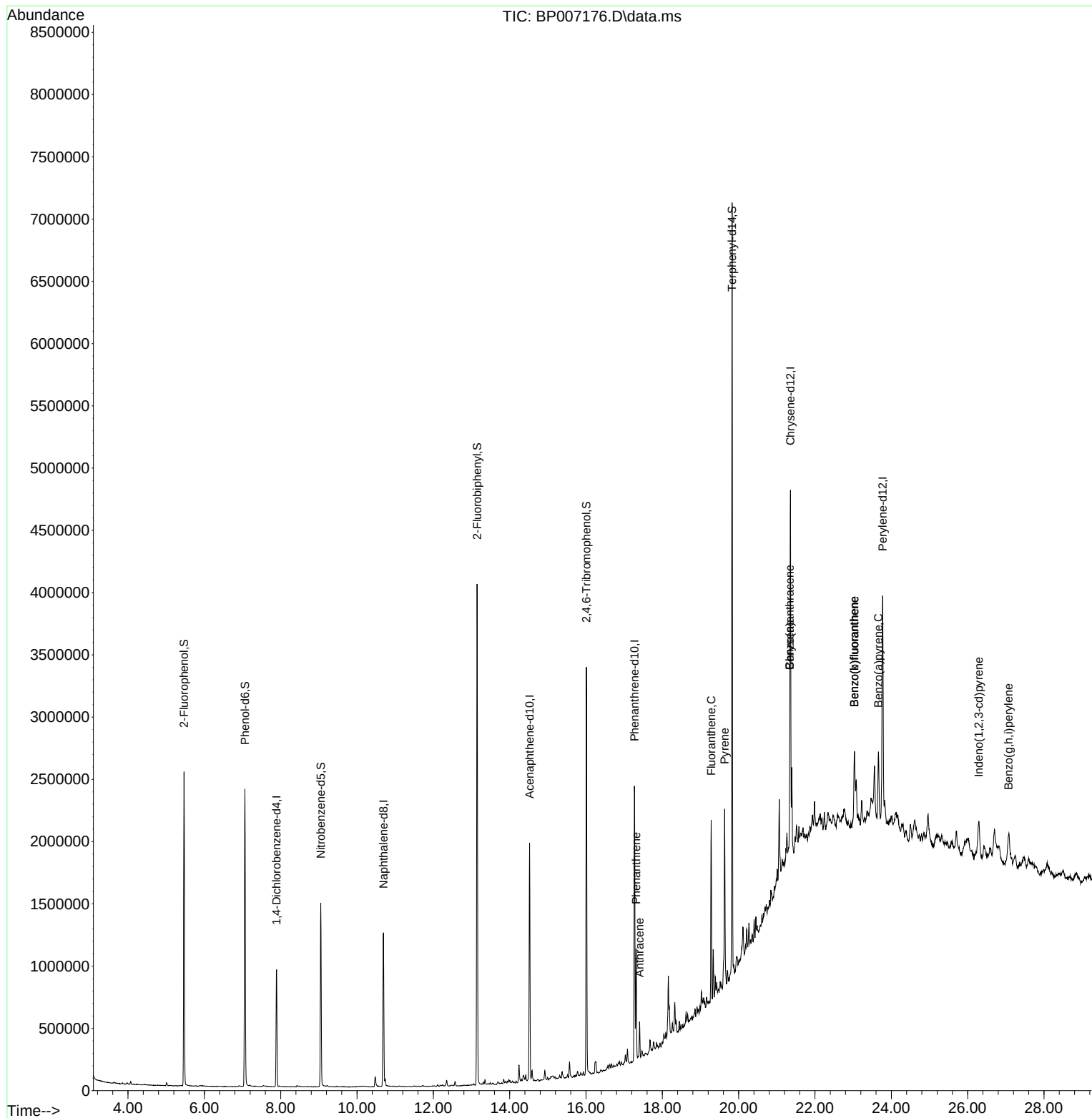
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	277235	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1097576	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	685381	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1399360	20.000	ng	0.00
76) Chrysene-d12	21.357	240	1309836	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1421039	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1181960	71.367	ng	0.00
7) Phenol-d6	7.063	99	1497582	66.160	ng	0.00
23) Nitrobenzene-d5	9.051	82	877698	46.570	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	692526	77.938	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	2178612	45.539	ng	0.00
79) Terphenyl-d14	19.827	244	2872328	42.021	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.316	178	566896	7.555	ng	100
72) Anthracene	17.404	178	189089	2.576	ng	98
75) Fluoranthene	19.280	202	847132	9.799	ng	98
78) Pyrene	19.633	202	842709	9.806	ng	99
81) Benzo(a)anthracene	21.339	228	408416	4.804	ng	95
83) Chrysene	21.339	228	408416	5.026	ng	96
87) Indeno(1,2,3-cd)pyrene	26.292	276	287109	2.811	ng	98
88) Benzo(b)fluoranthene	23.033	252	711344	8.376	ng	# 88
89) Benzo(k)fluoranthene	23.033	252	711344	8.273	ng	# 88
90) Benzo(a)pyrene	23.662	252	396590	5.497	ng	# 92
92) Benzo(g,h,i)perylene	27.074	276	286613	3.432	ng	# 92

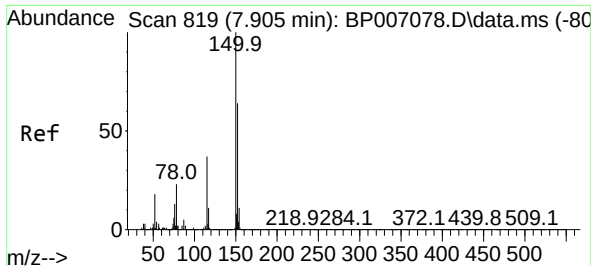
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
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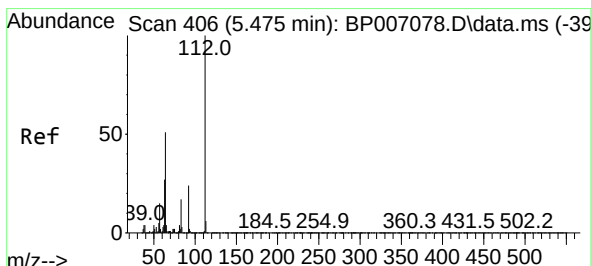
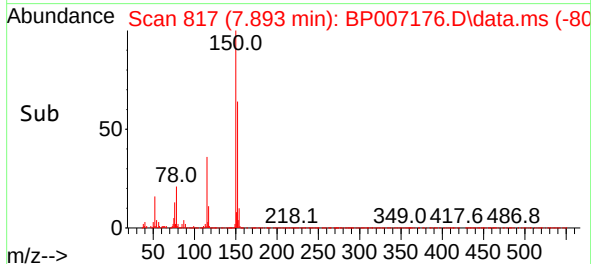
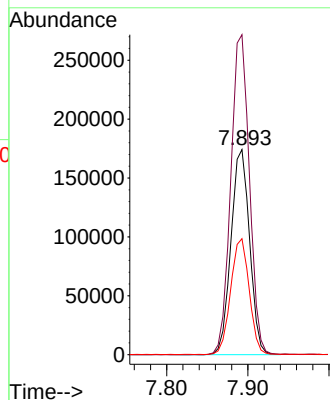
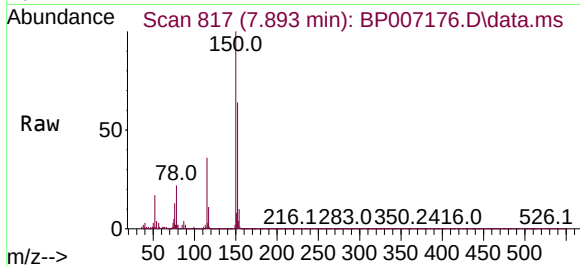




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

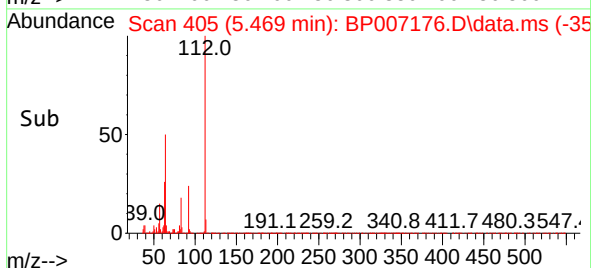
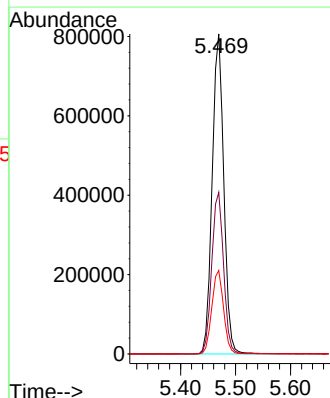
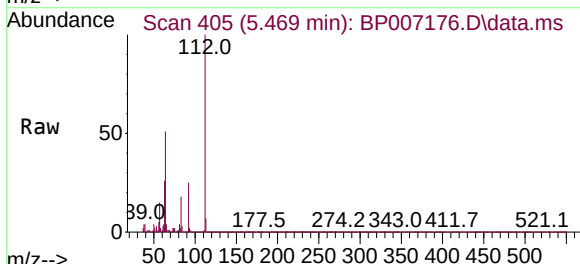
Instrument :
BNA_P
ClientSampleId :

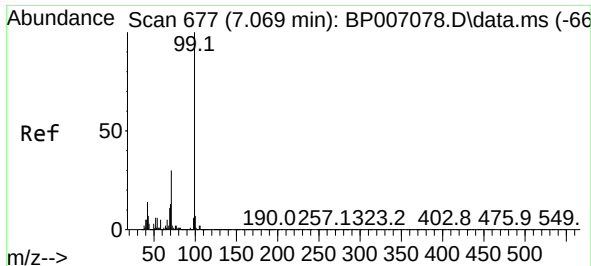
Tgt Ion:152 Resp: 277235
Ion Ratio Lower Upper
152 100
150 156.0 125.6 188.4
115 56.6 48.5 72.7



#5
2-Fluorophenol
Concen: 71.367 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

Tgt Ion:112 Resp: 1181960
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 26.1 23.8 35.8

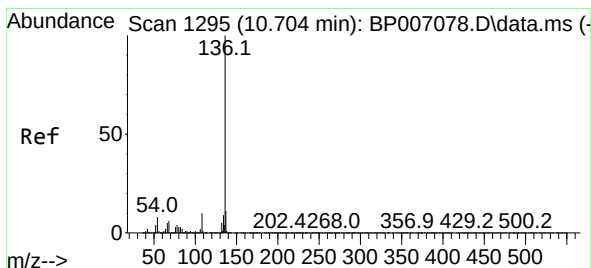
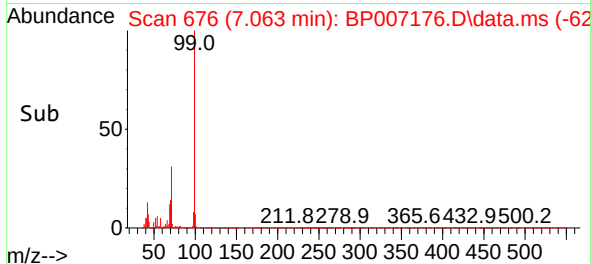
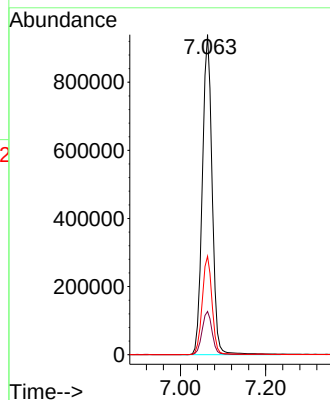
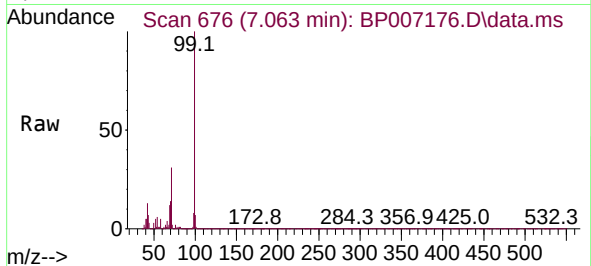




#7
Phenol-d6
Concen: 66.160 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

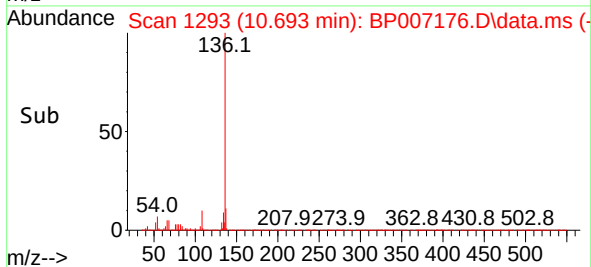
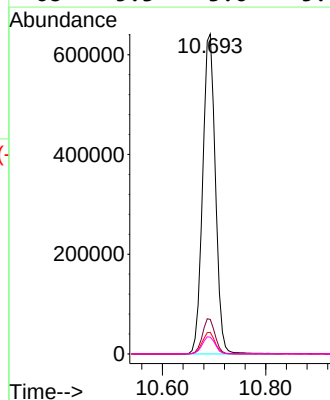
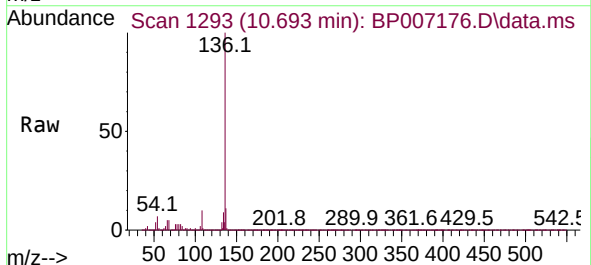
Instrument :
BNA_P
ClientSampleId :

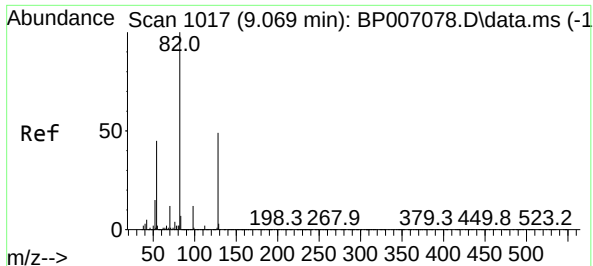
Tgt Ion: 99 Resp: 1497582
Ion Ratio Lower Upper
99 100
42 13.5 13.4 20.0
71 30.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

Tgt Ion: 136 Resp: 1097576
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.7 4.6 6.8
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 46.570 ng

RT: 9.051 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BP007176.D

Acq: 25 Sep 2021 01:03

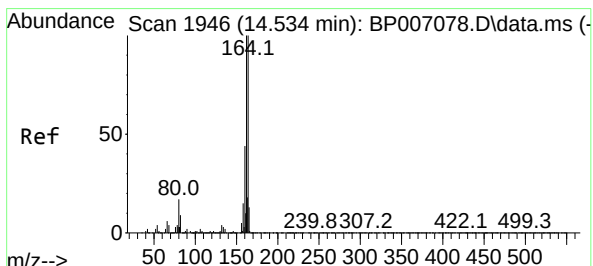
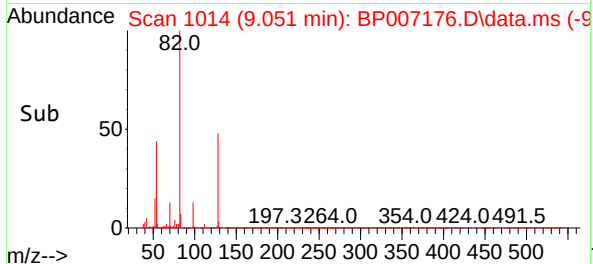
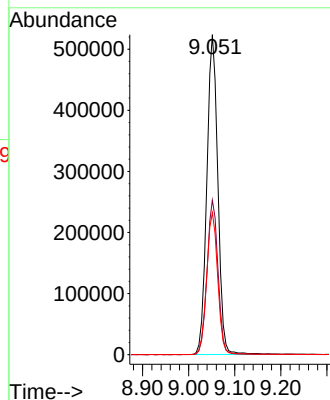
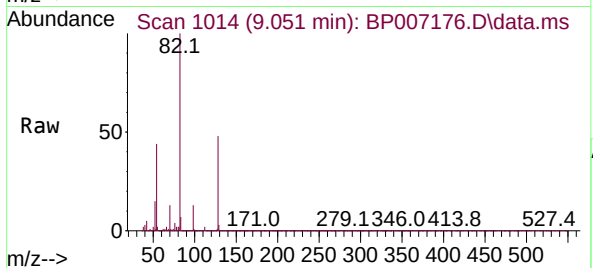
Tgt Ion: 82 Resp: 877698

Ion Ratio Lower Upper

82 100

128 48.3 35.7 53.5

54 44.3 35.0 52.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.522 min Scan# 1944

Delta R.T. -0.006 min

Lab File: BP007176.D

Acq: 25 Sep 2021 01:03

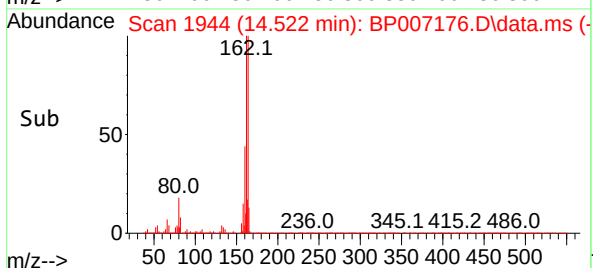
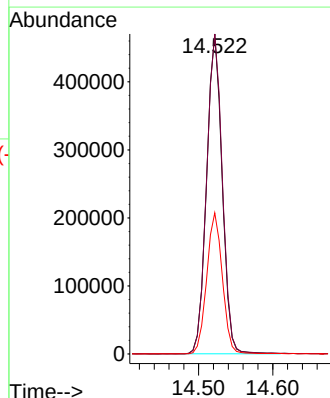
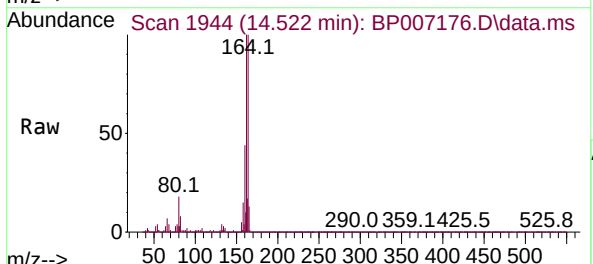
Tgt Ion: 164 Resp: 685381

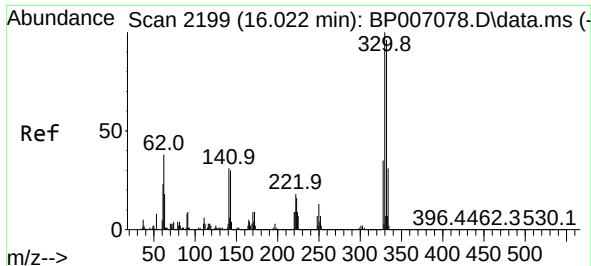
Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 44.1 34.5 51.7

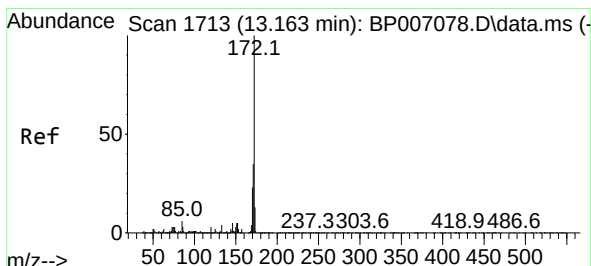
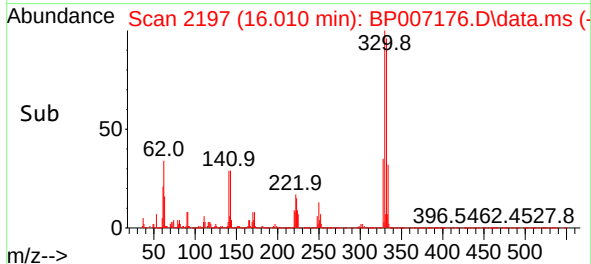
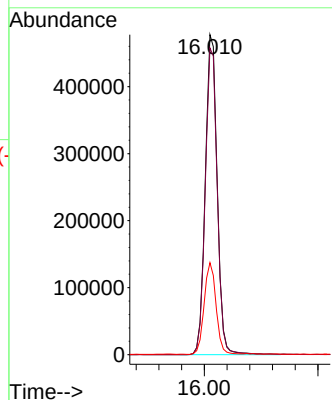
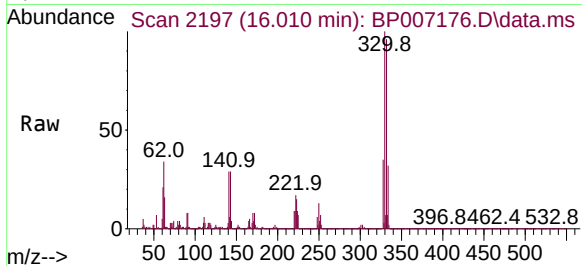




#42
2,4,6-Tribromophenol
Concen: 77.938 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

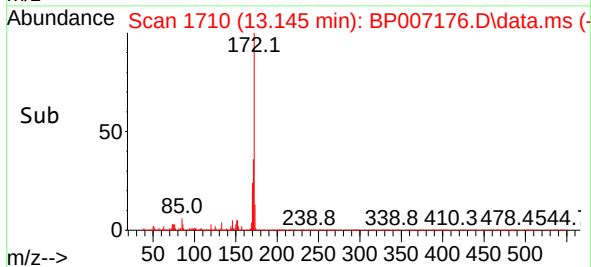
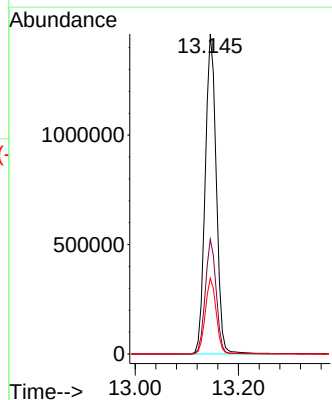
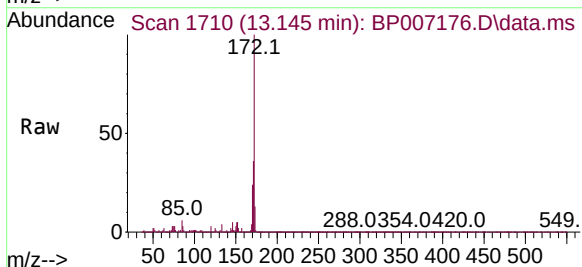
Instrument :
BNA_P
ClientSampleId :

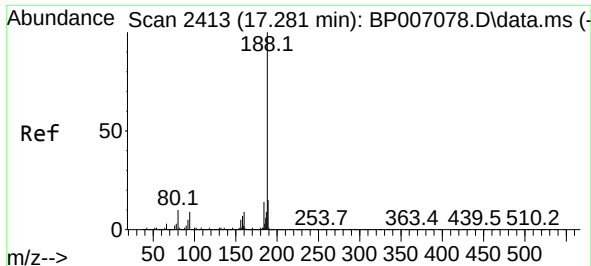
Tgt Ion:330 Resp: 692526
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 28.5 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 45.539 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

Tgt Ion:172 Resp: 2178612
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.7 18.6 27.8

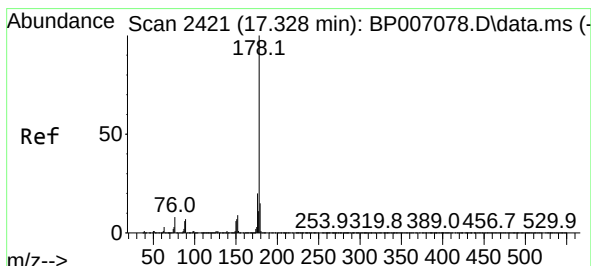
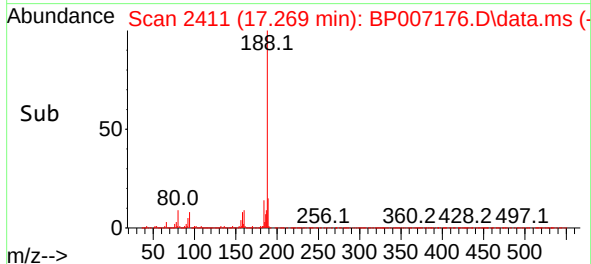
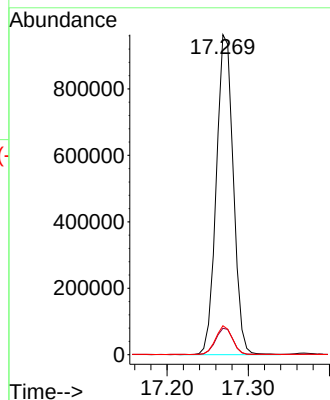
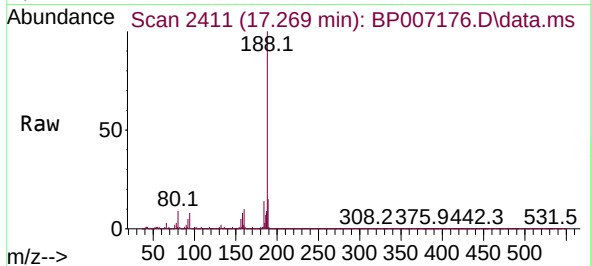




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

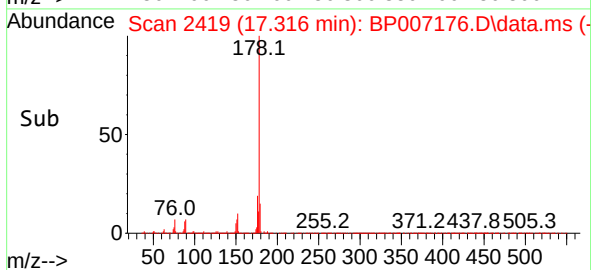
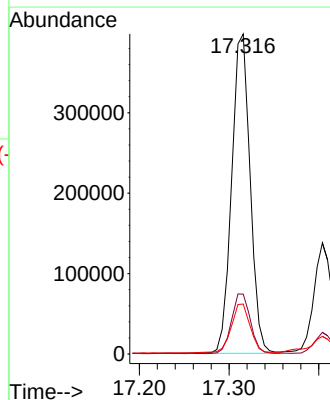
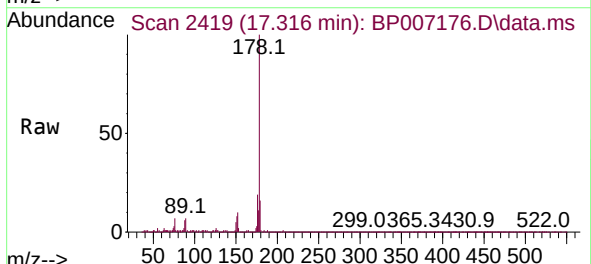
Instrument :
BNA_P
ClientSampleId :

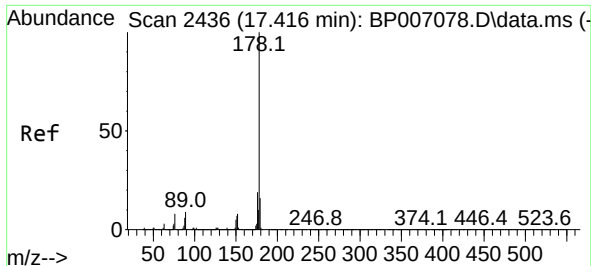
Tgt Ion:188 Resp: 1399360
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 9.1 6.3 9.5



#71
Phenanthrene
Concen: 7.555 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

Tgt Ion:178 Resp: 566896
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.4 18.6

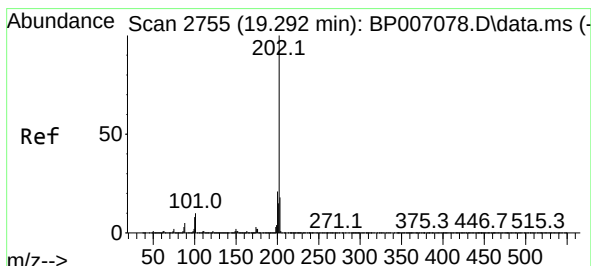
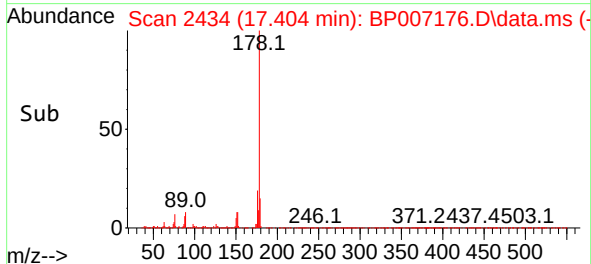
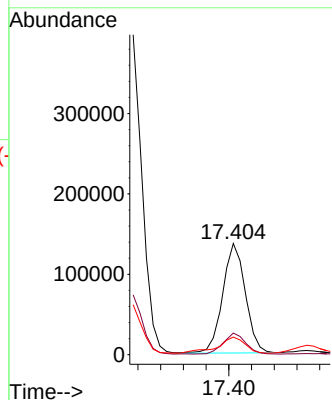
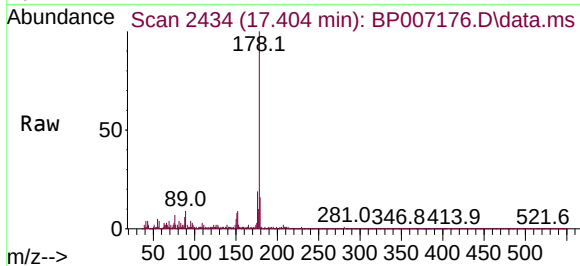




#72
 Anthracene
 Concen: 2.576 ng
 RT: 17.404 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BP007176.D
 Acq: 25 Sep 2021 01:03

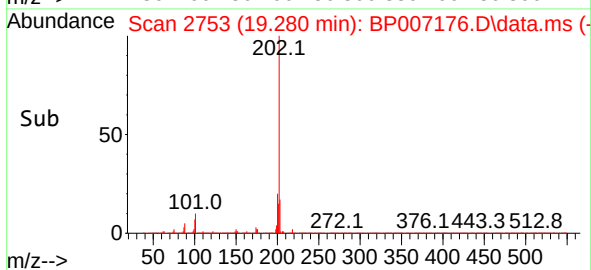
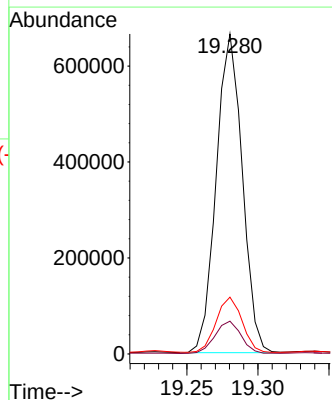
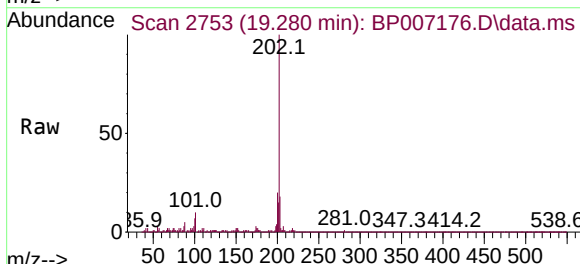
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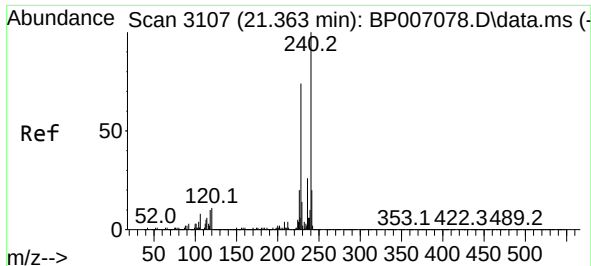
Tgt Ion:178 Resp: 189089
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.9 22.3
 179 15.9 12.2 18.2



#75
 Fluoranthene
 Concen: 9.799 ng
 RT: 19.280 min Scan# 2753
 Delta R.T. -0.000 min
 Lab File: BP007176.D
 Acq: 25 Sep 2021 01:03

Tgt Ion:202 Resp: 847132
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 27.6
 203 17.8 0.0 37.8

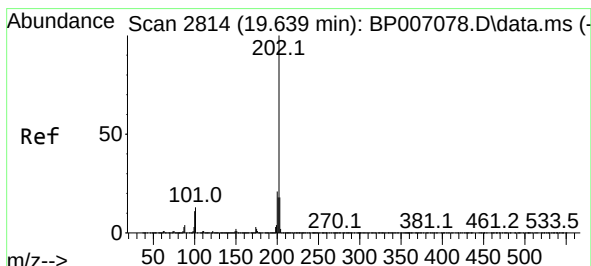
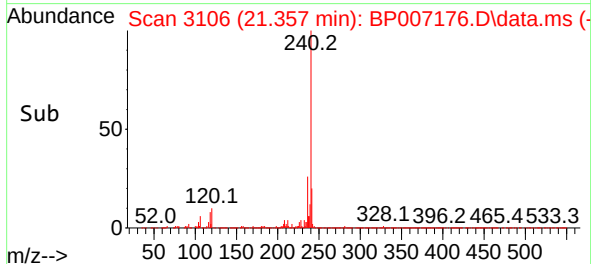
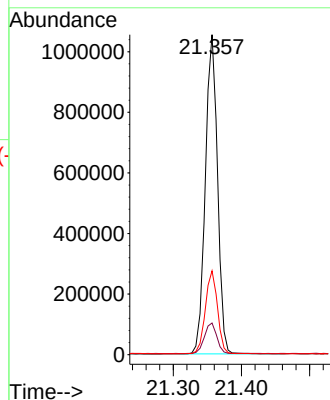
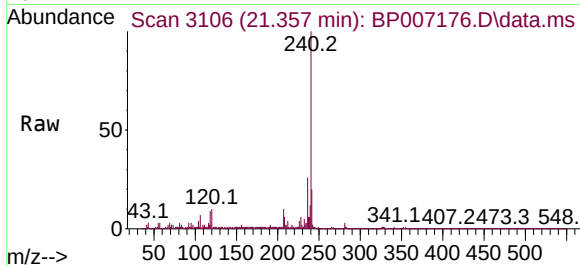




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

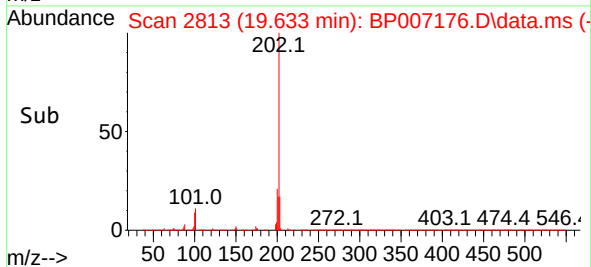
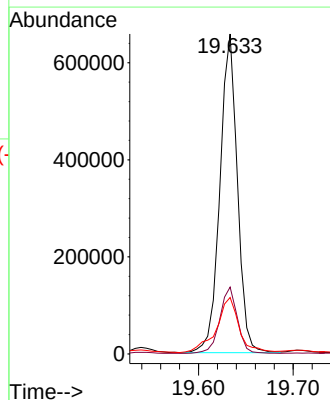
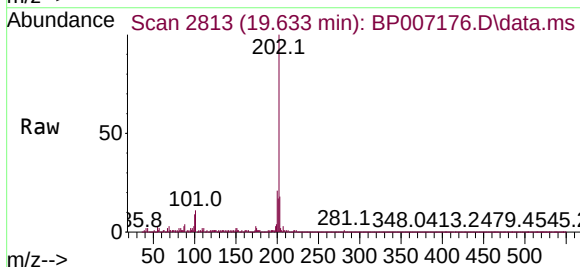
Instrument :
BNA_P
ClientSampleId :

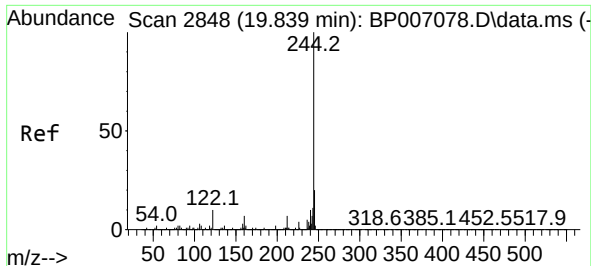
Tgt Ion:240 Resp: 1309836
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.2 20.6 31.0



#78
Pyrene
Concen: 9.806 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

Tgt Ion:202 Resp: 842709
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 17.6 14.2 21.2

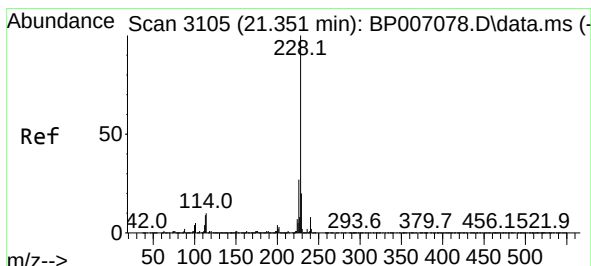
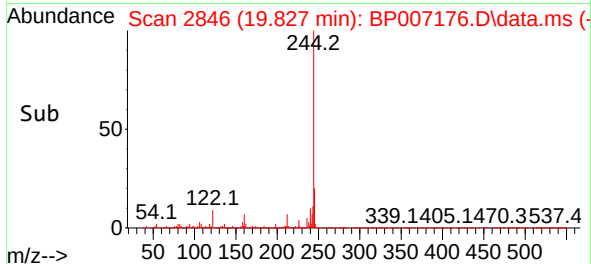
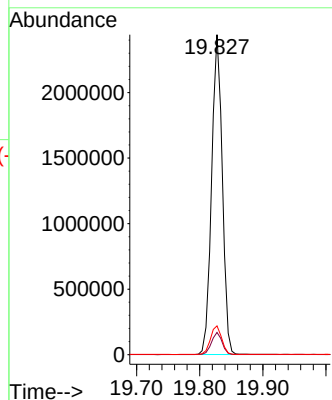
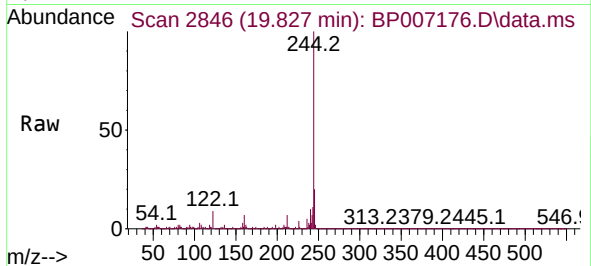




#79
Terphenyl-d14
Concen: 42.021 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

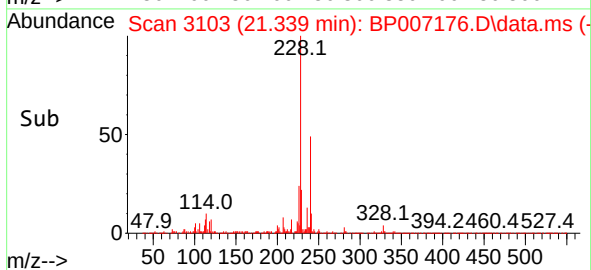
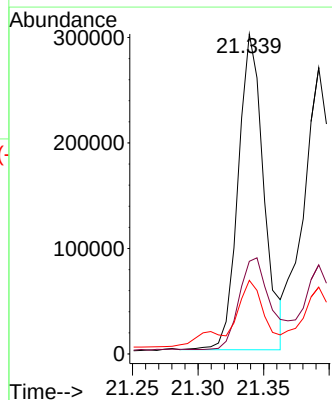
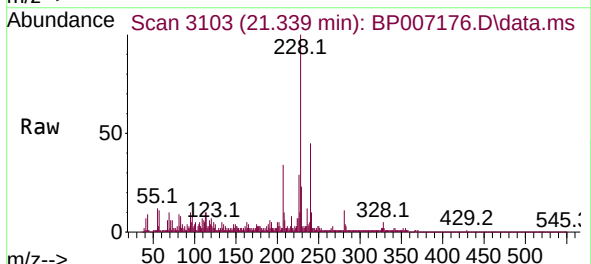
Instrument :
BNA_P
ClientSampleId :

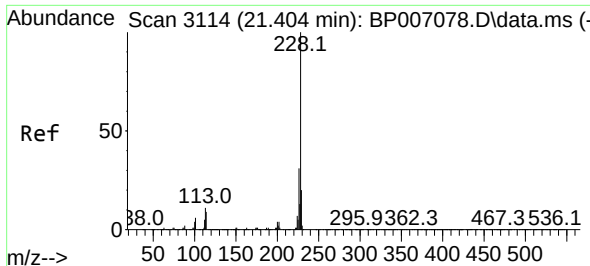
Tgt Ion:244 Resp: 2872328
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.0 7.1 10.7



#81
Benzo(a)anthracene
Concen: 4.804 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

Tgt Ion:228 Resp: 408416
Ion Ratio Lower Upper
228 100
226 28.9 21.6 32.4
229 23.0 15.8 23.6

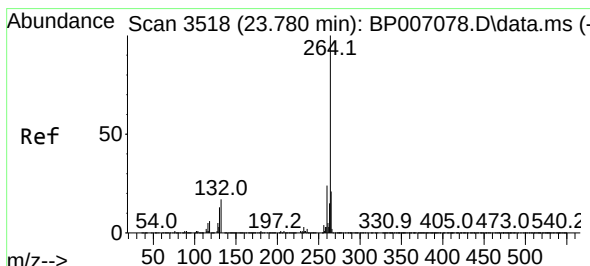
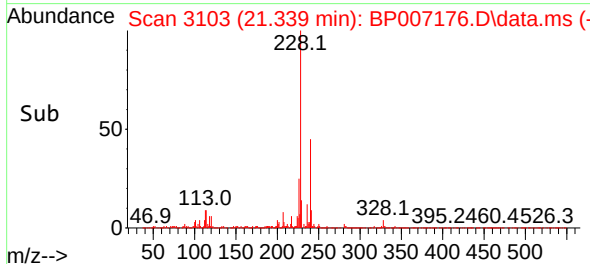
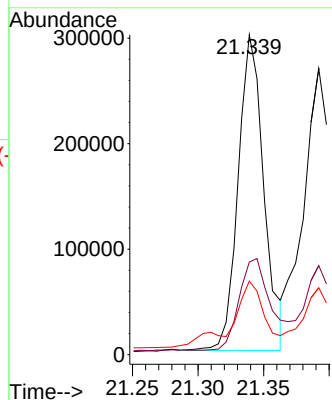
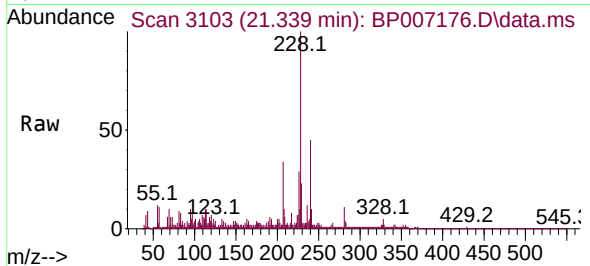




#83
Chrysene
Concen: 5.026 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.059 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

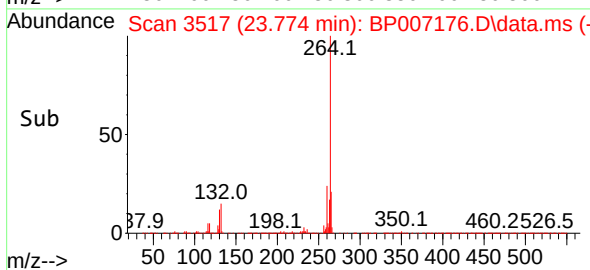
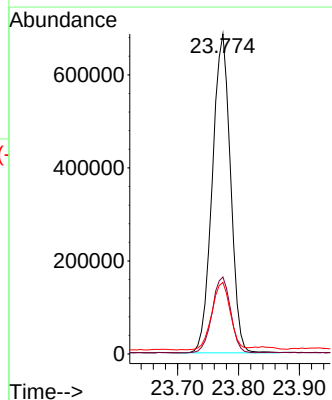
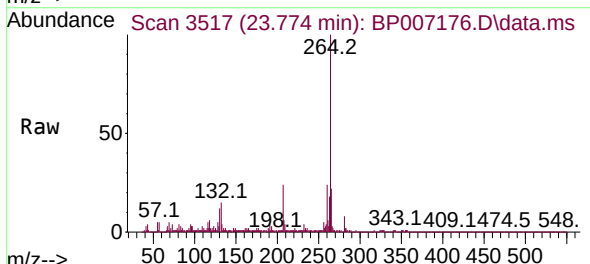
Instrument :
BNA_P
ClientSampleId :

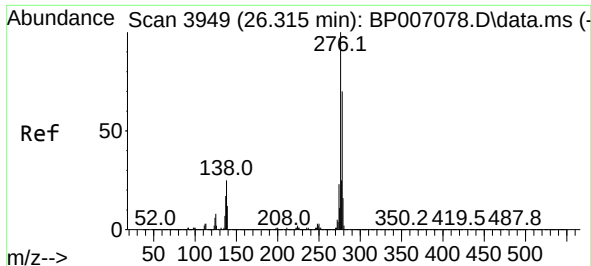
Tgt Ion:228 Resp: 408416
Ion Ratio Lower Upper
228 100
226 28.9 23.8 35.6
229 23.0 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. 0.006 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

Tgt Ion:264 Resp: 1421039
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.3 17.6 26.4

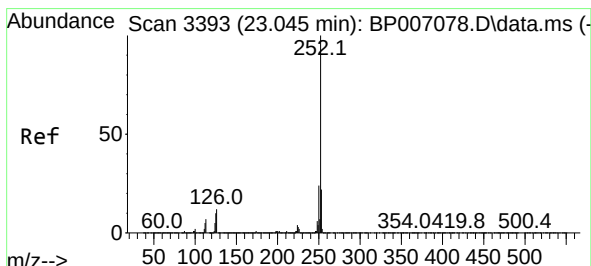
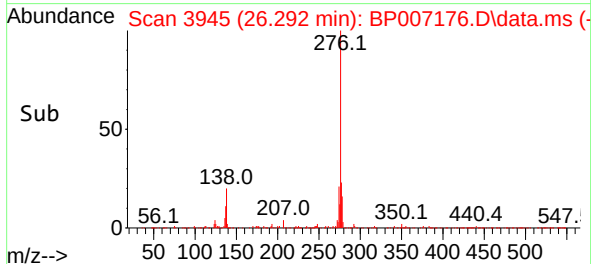
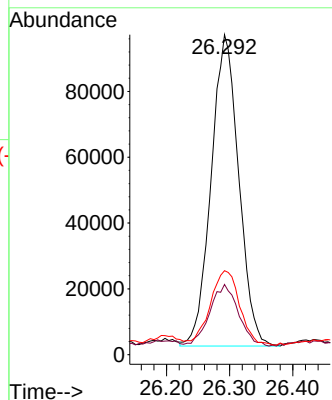
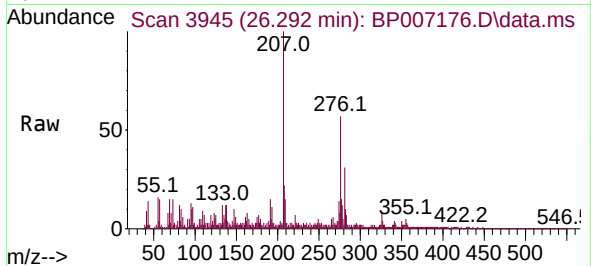




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.811 ng
RT: 26.292 min Scan# 3945
Delta R.T. -0.012 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

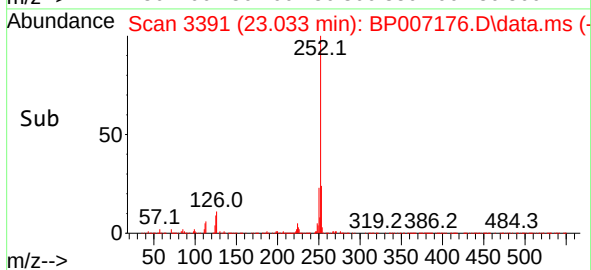
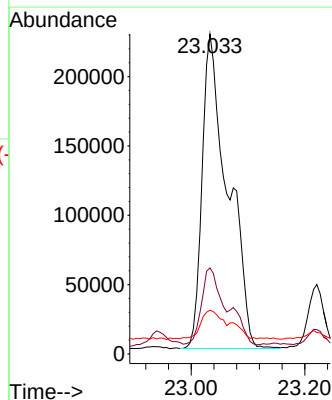
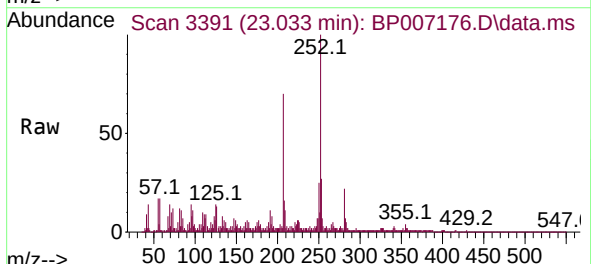
Instrument :
BNA_P
ClientSampleId :

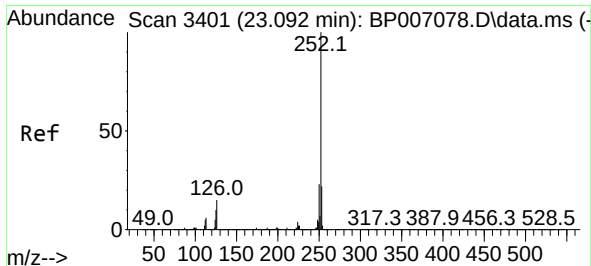
Tgt Ion:276 Resp: 287109
Ion Ratio Lower Upper
276 100
138 20.7 15.3 22.9
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 8.376 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.000 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

Tgt Ion:252 Resp: 711344
Ion Ratio Lower Upper
252 100
253 26.9 17.5 26.3#
125 13.6 6.2 9.4#

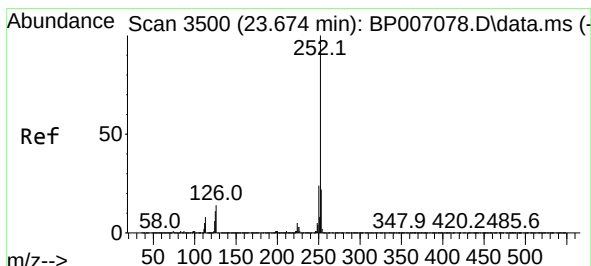
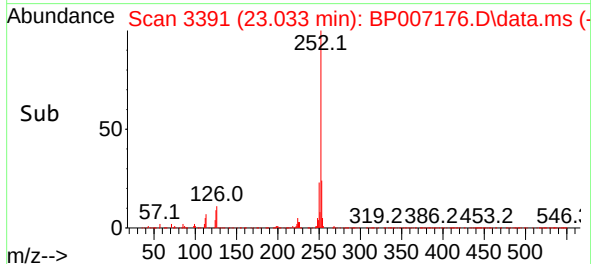
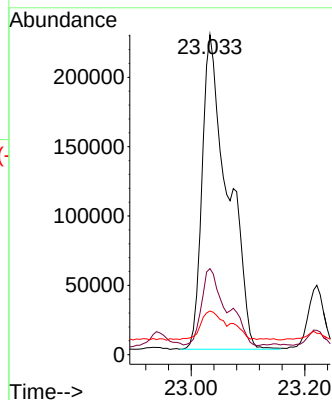
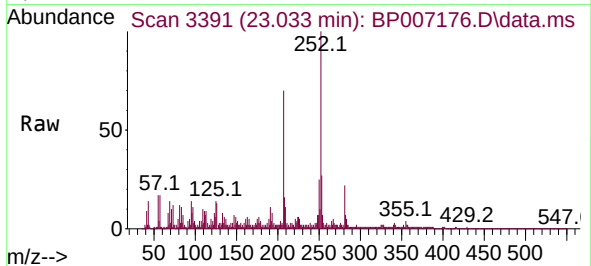




#89
Benzo(k)fluoranthene
Concen: 8.273 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.053 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

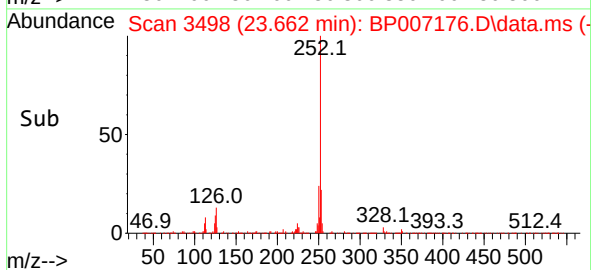
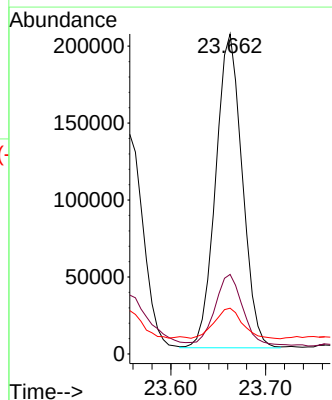
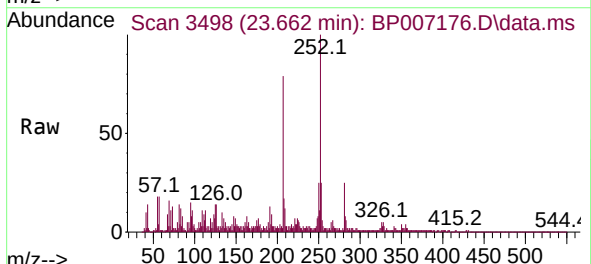
Instrument :
BNA_P
ClientSampleId :

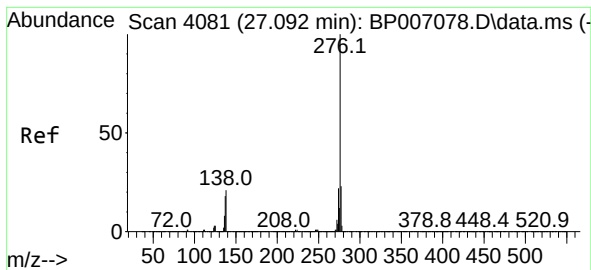
Tgt Ion:252 Resp: 711344
Ion Ratio Lower Upper
252 100
253 26.9 17.6 26.4#
125 13.6 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 5.497 ng
RT: 23.662 min Scan# 3498
Delta R.T. -0.006 min
Lab File: BP007176.D
Acq: 25 Sep 2021 01:03

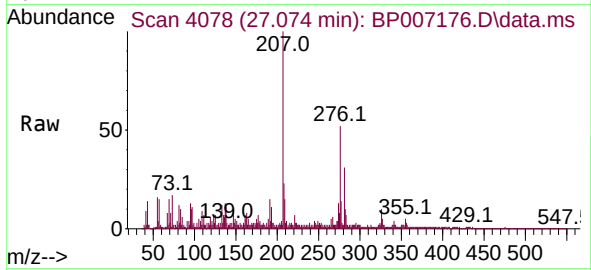
Tgt Ion:252 Resp: 396590
Ion Ratio Lower Upper
252 100
253 24.9 17.9 26.9
125 14.3 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 3.432 ng
 RT: 27.074 min Scan# 4078
 Delta R.T. -0.000 min
 Lab File: BP007176.D
 Acq: 25 Sep 2021 01:03

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:	276	Resp:	286613
Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.9	28.3
138	21.1	12.6	18.8#

