

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
 Data File : BP007142.D
 Acq On : 24 Sep 2021 01:01
 Operator : CG/JU
 Sample : M3797-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

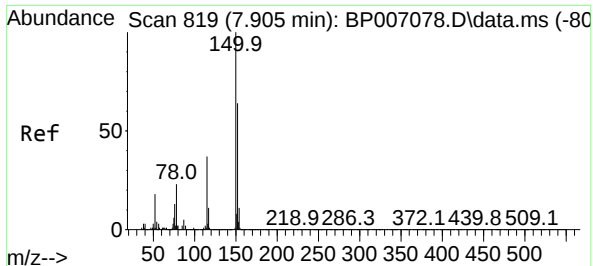
Instrument :
 BNA_P
 ClientSampleId :
 20430

Quant Time: Sep 24 03:08:39 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	318880	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1256008	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	765750	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1459916	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1434330	20.000	ng	# 0.00
86) Perylene-d12	23.763	264	1557288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	2072222	108.780	ng	0.00
7) Phenol-d6	7.063	99	2544093	97.714	ng	0.00
23) Nitrobenzene-d5	9.052	82	1445609	67.027	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	1055924	106.363	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3258263	60.958	ng	0.00
79) Terphenyl-d14	19.827	244	4206964	56.205	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.245	152	169227	2.490	ng	95
52) Acenaphthene	14.581	154	198607	4.824	ng	98
55) Dibenzofuran	14.916	168	162145	2.360	ng	# 97
58) Fluorene	15.569	166	302393	5.698	ng	96
71) Phenanthrene	17.316	178	3608307	46.095	ng	99
72) Anthracene	17.404	178	915495	11.955	ng	98
73) Carbazole	17.675	167	295843	3.943	ng	# 91
75) Fluoranthene	19.280	202	5732852	63.566	ng	97
78) Pyrene	19.633	202	4872056	51.773	ng	98
81) Benzo(a)anthracene	21.339	228	2371285	25.470	ng	98
83) Chrysene	21.392	228	2235135	25.119	ng	96
84) Bis(2-ethylhexyl)phtha...	21.263	149	214312	3.955	ng	96
87) Indeno(1,2,3-cd)pyrene	26.280	276	1362839	12.177	ng	98
88) Benzo(b)fluoranthene	23.027	252	2815040	30.248	ng	# 95
89) Benzo(k)fluoranthene	23.027	252	2815040	29.875	ng	# 95
90) Benzo(a)pyrene	23.657	252	2029918	25.673	ng	# 96
91) Dibenzo(a,h)anthracene	26.286	278	337482	3.598	ng	# 83
92) Benzo(g,h,i)perylene	27.056	276	1363966	14.903	ng	# 94

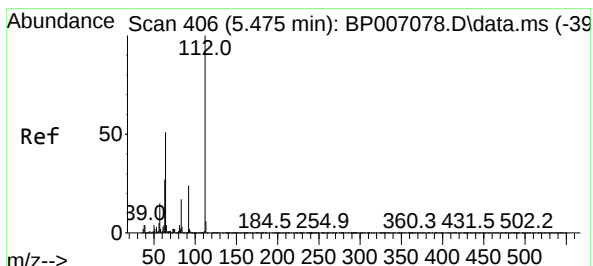
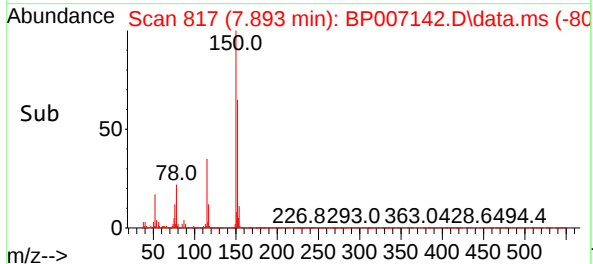
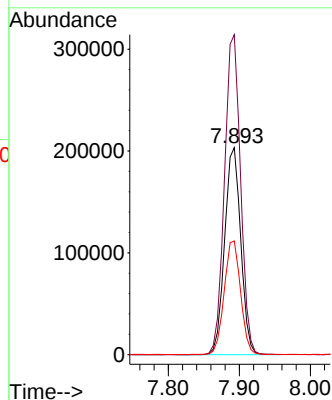
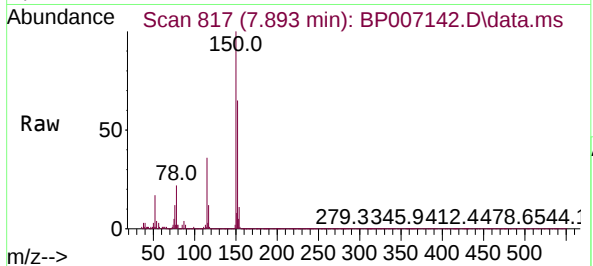
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

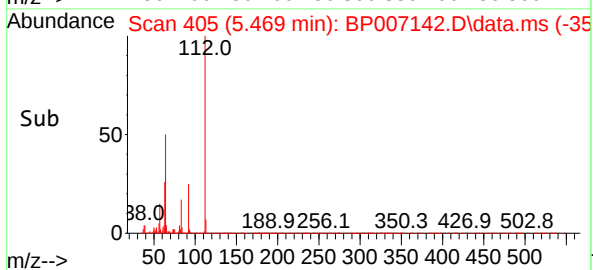
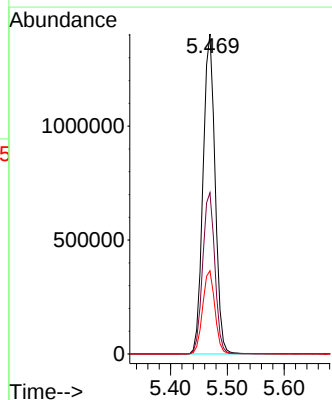
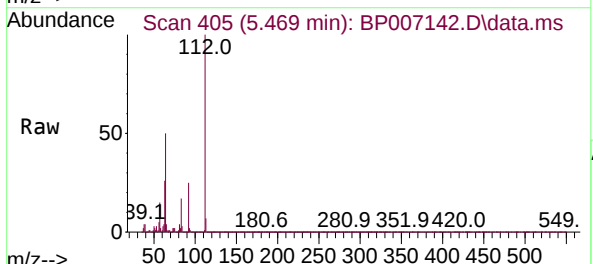
Instrument :
BNA_P
ClientSampleId :
20430

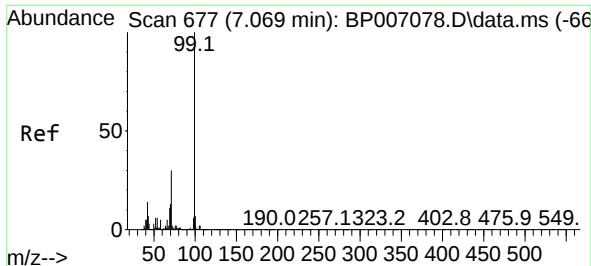
Tgt Ion:152 Resp: 318880
Ion Ratio Lower Upper
152 100
150 154.5 125.6 188.4
115 54.9 48.5 72.7



#5
2-Fluorophenol
Concen: 108.780 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:112 Resp: 2072222
Ion Ratio Lower Upper
112 100
64 50.4 41.4 62.2
63 26.0 23.8 35.8

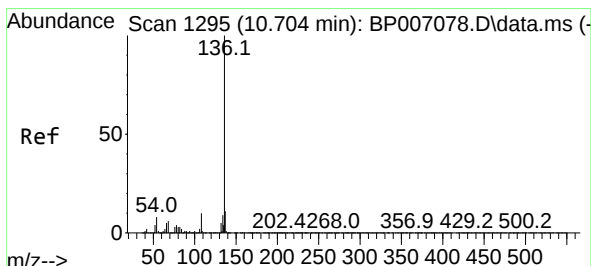
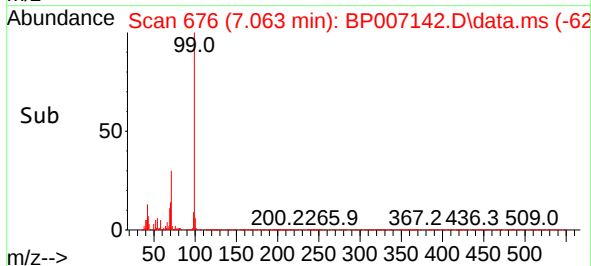
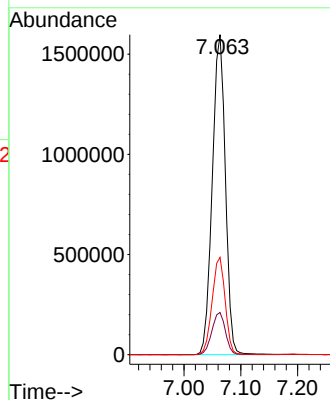
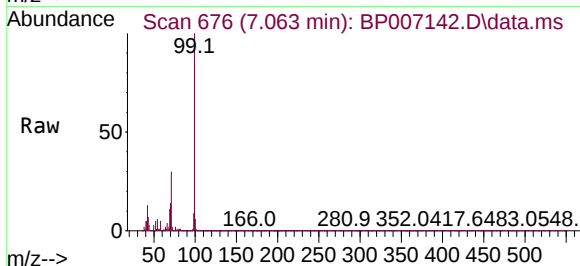




#7
Phenol-d6
Concen: 97.714 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

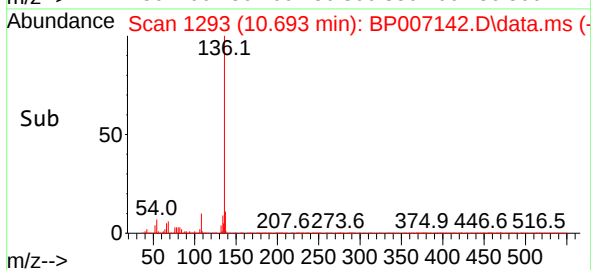
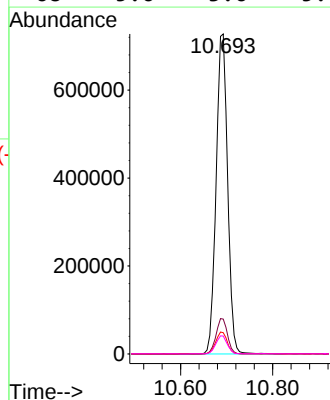
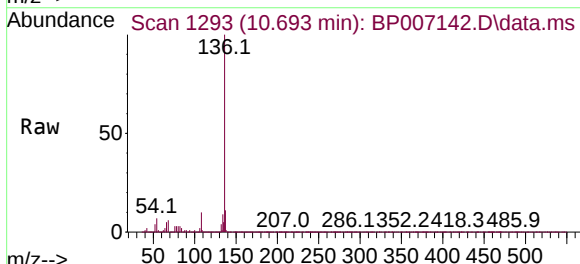
Instrument :
BNA_P
ClientSampleId :
20430

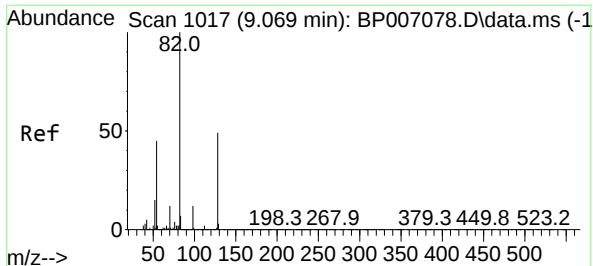
Tgt Ion: 99 Resp: 2544093
Ion Ratio Lower Upper
99 100
42 13.2 13.4 20.0#
71 30.4 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion: 136 Resp: 1256008
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.7 4.6 6.8
68 5.6 3.6 5.4#

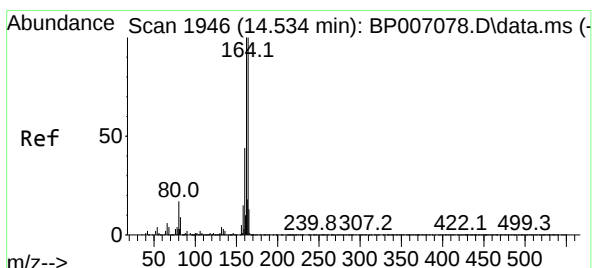
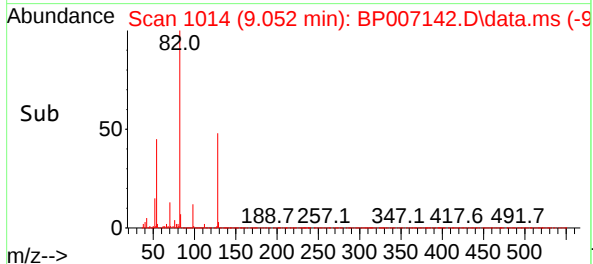
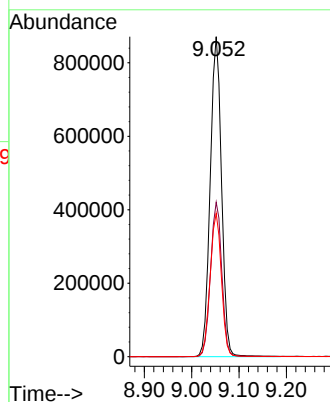
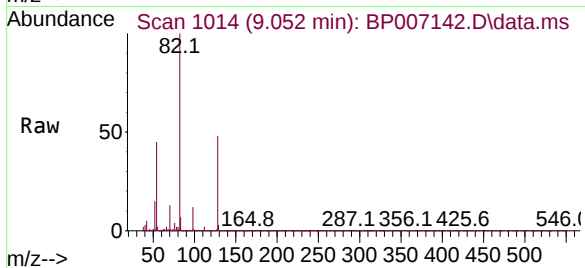




#23
Nitrobenzene-d5
Concen: 67.027 ng
RT: 9.052 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

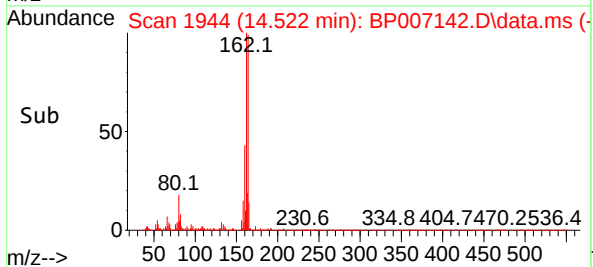
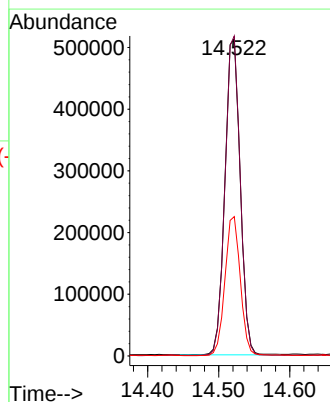
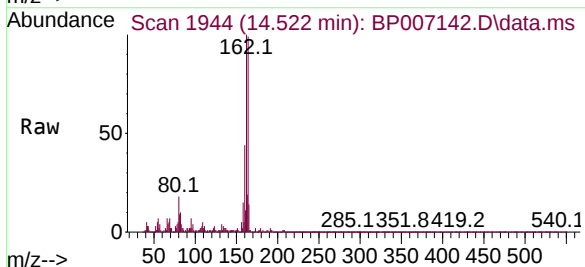
Instrument :
BNA_P
ClientSampleId :
20430

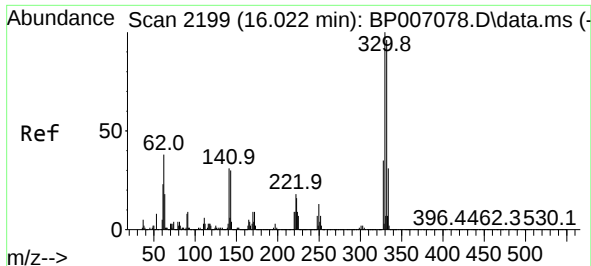
Tgt Ion: 82 Resp: 1445609
Ion Ratio Lower Upper
82 100
128 48.3 35.7 53.5
54 44.8 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:164 Resp: 765750
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 43.9 34.5 51.7

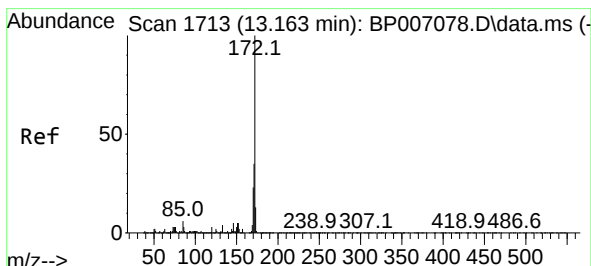
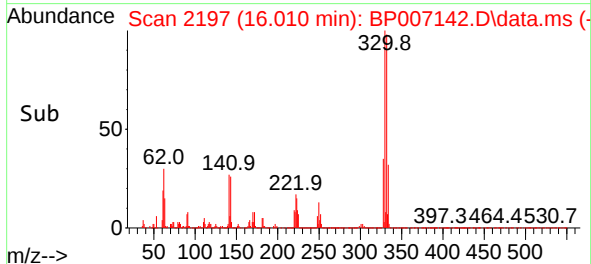
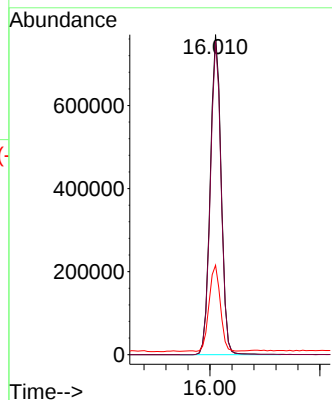
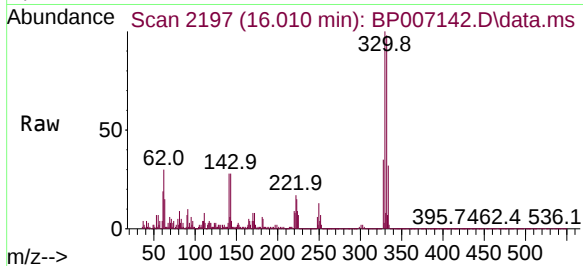




#42
2,4,6-Tribromophenol
Concen: 106.363 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

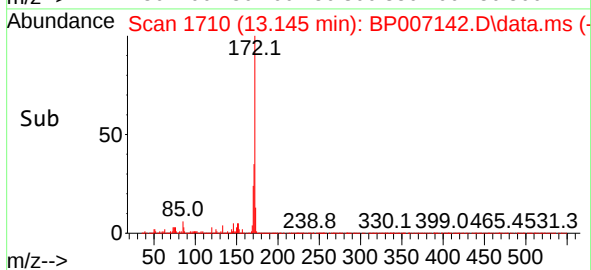
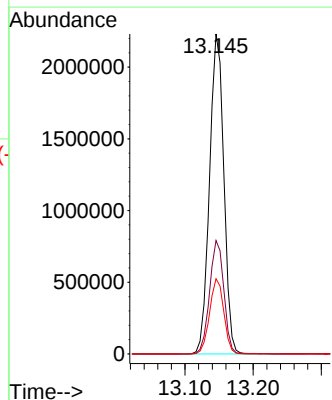
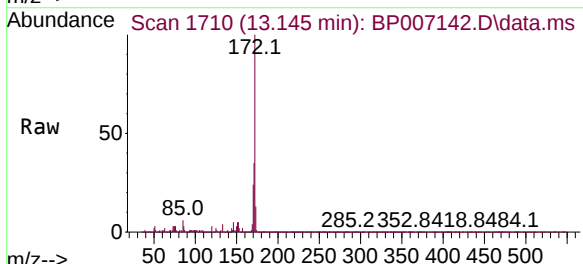
Instrument :
BNA_P
ClientSampleId :
20430

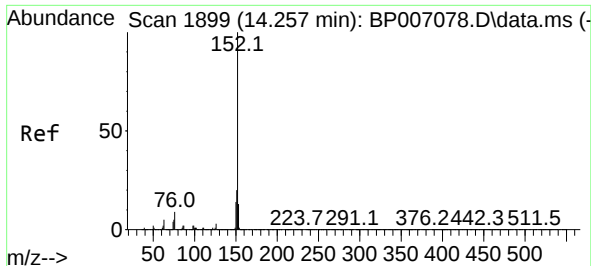
Tgt Ion:330 Resp: 1055924
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 27.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 60.958 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:172 Resp: 3258263
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.5 18.6 27.8

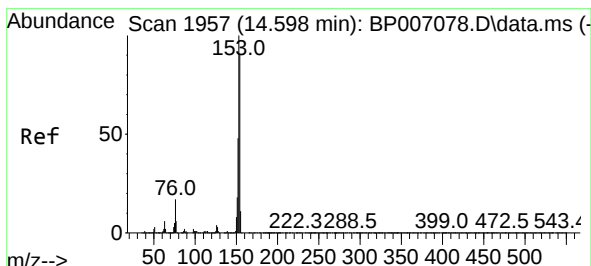
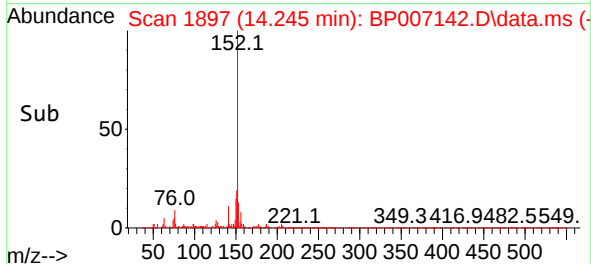
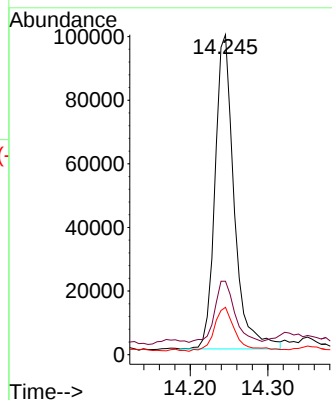
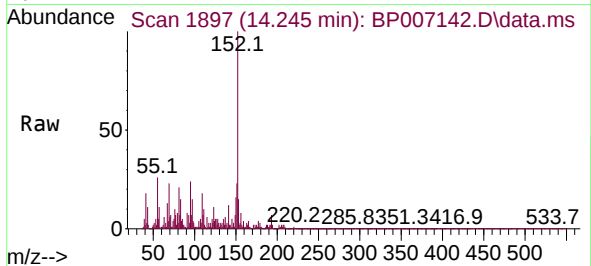




#49
Acenaphthylene
Concen: 2.490 ng
RT: 14.245 min Scan# 1897
Delta R.T. -0.000 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

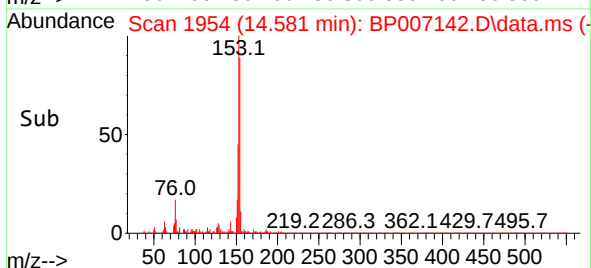
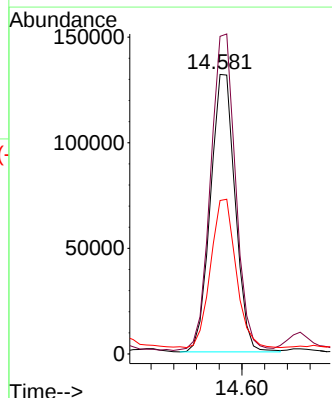
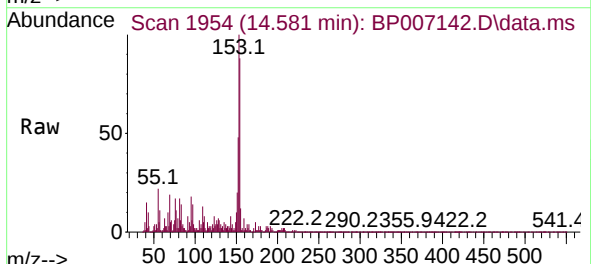
Instrument :
BNA_P
ClientSampleId :
20430

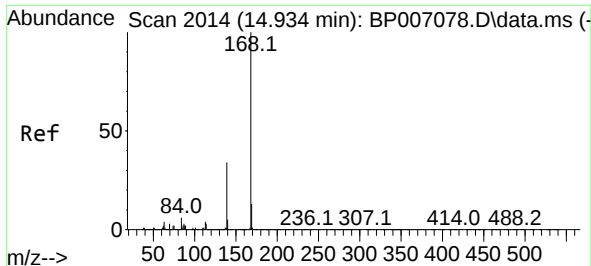
Tgt Ion:152 Resp: 169227
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.2
153 14.8 10.6 16.0



#52
Acenaphthene
Concen: 4.824 ng
RT: 14.581 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:154 Resp: 198607
Ion Ratio Lower Upper
154 100
153 113.6 89.4 134.2
152 54.9 43.0 64.4

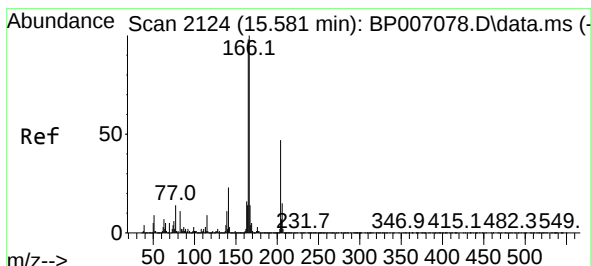
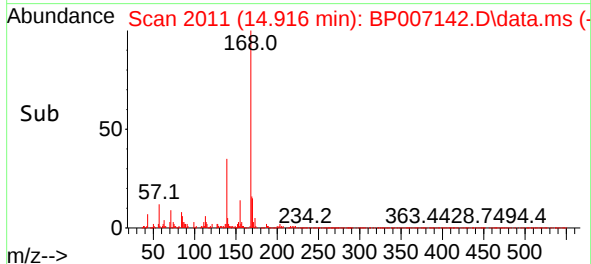
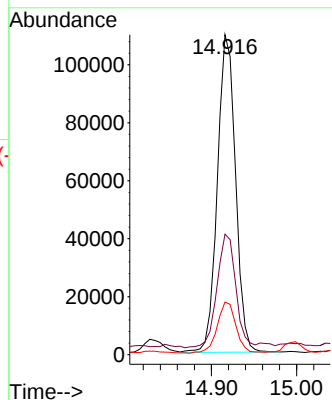
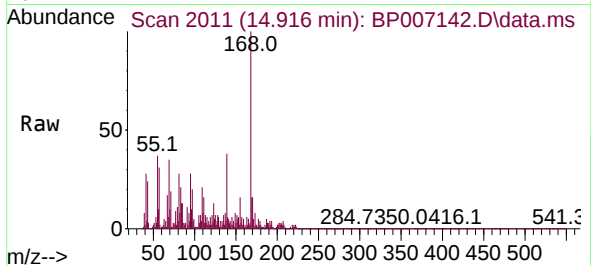




#55
Dibenzenofuran
Concen: 2.360 ng
RT: 14.916 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

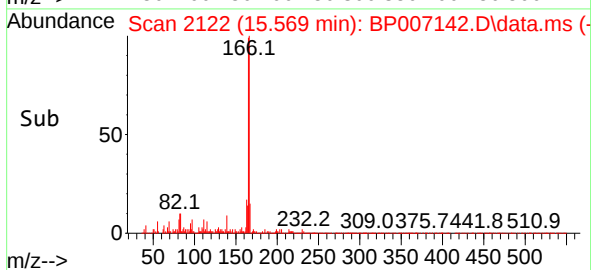
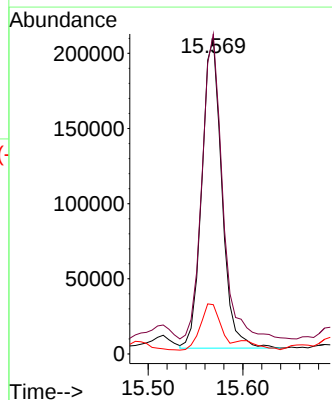
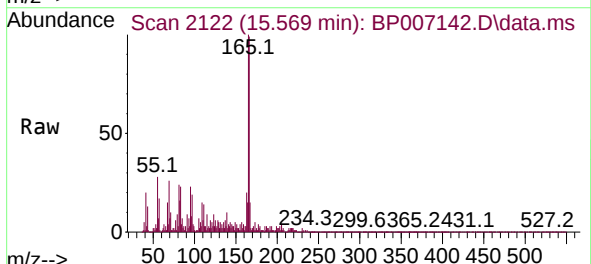
Instrument :
BNA_P
ClientSampleId :
20430

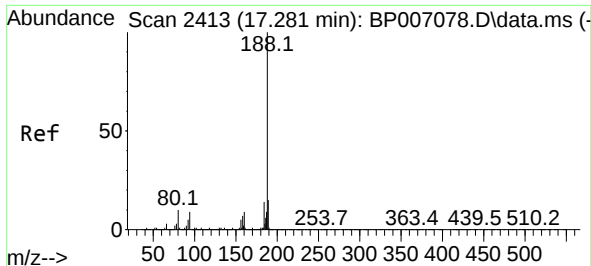
Tgt Ion:168 Resp: 162145
Ion Ratio Lower Upper
168 100
139 37.7 31.0 46.6
169 16.4 10.8 16.2#



#58
Fluorene
Concen: 5.698 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:166 Resp: 302393
Ion Ratio Lower Upper
166 100
165 101.5 78.0 117.0
167 15.6 10.5 15.7

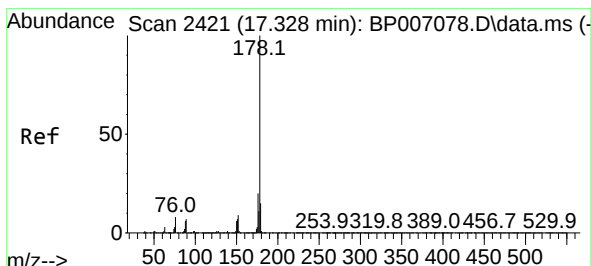
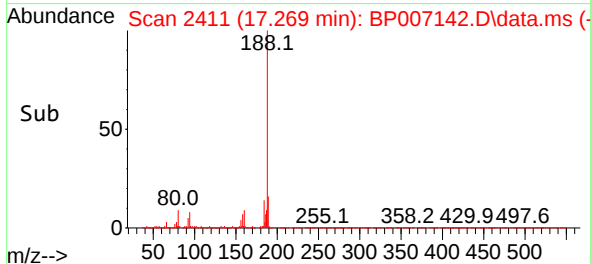
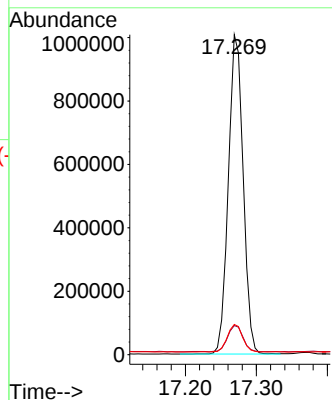
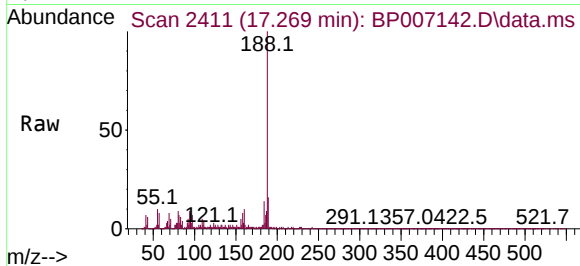




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

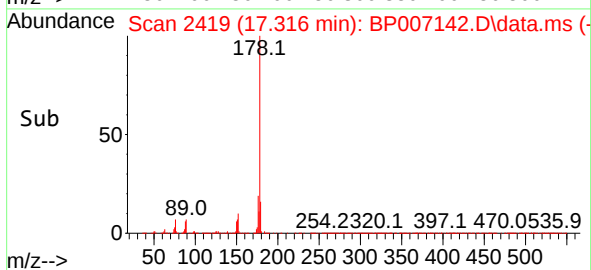
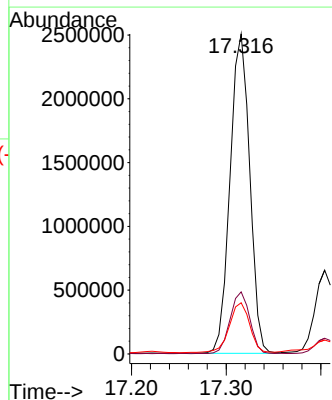
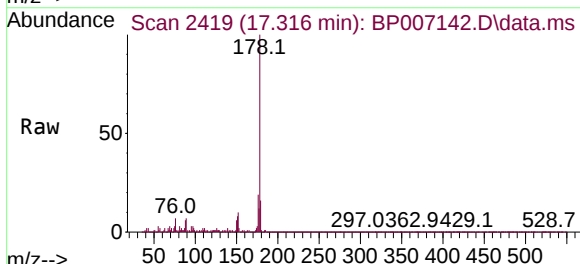
Instrument :
BNA_P
ClientSampleId :
20430

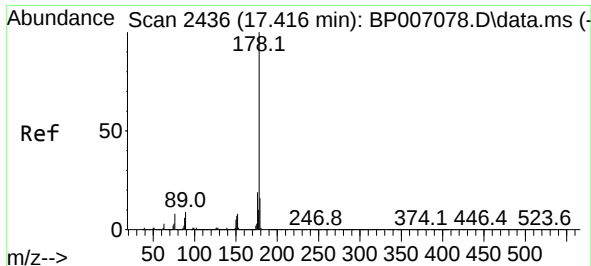
Tgt Ion:188 Resp: 1459916
Ion Ratio Lower Upper
188 100
94 9.1 5.6 8.4#
80 9.5 6.3 9.5



#71
Phenanthrene
Concen: 46.095 ng
RT: 17.316 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:178 Resp: 3608307
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 16.0 12.4 18.6

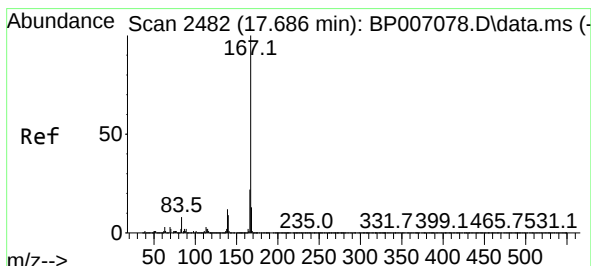
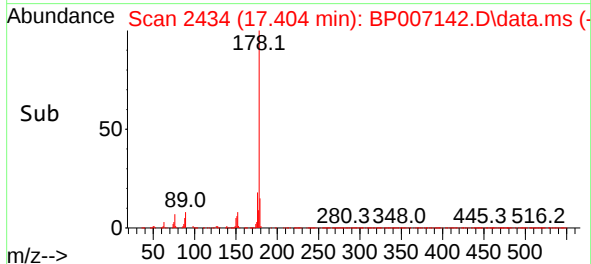
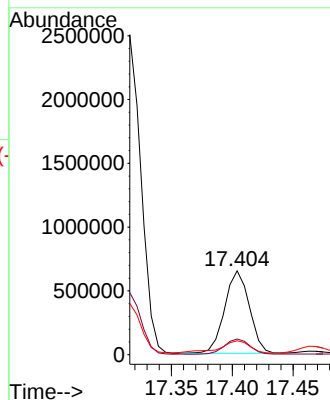
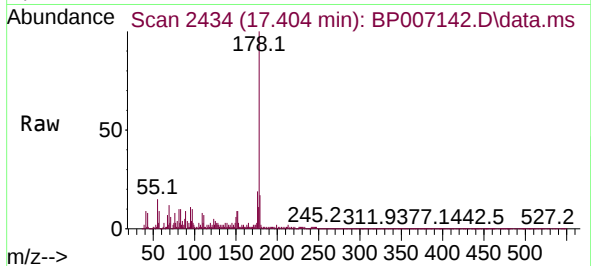




#72
 Anthracene
 Concen: 11.955 ng
 RT: 17.404 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BP007142.D
 Acq: 24 Sep 2021 01:01

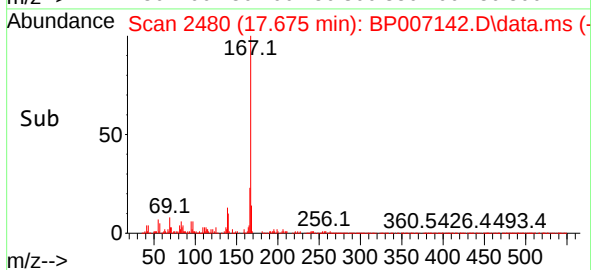
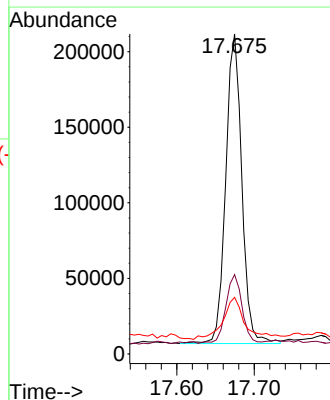
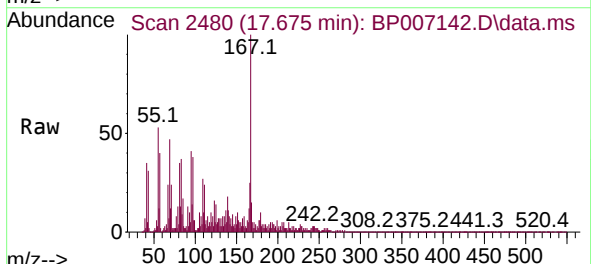
Instrument :
 BNA_P
 ClientSampleId :
 20430

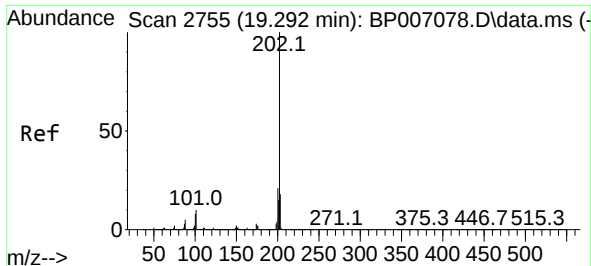
Tgt Ion:178 Resp: 915495
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.9 22.3
 179 16.6 12.2 18.2



#73
 Carbazole
 Concen: 3.943 ng
 RT: 17.675 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BP007142.D
 Acq: 24 Sep 2021 01:01

Tgt Ion:167 Resp: 295843
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.1 25.7
 139 17.7 10.7 16.1#

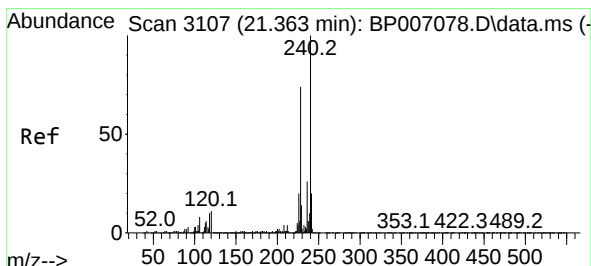
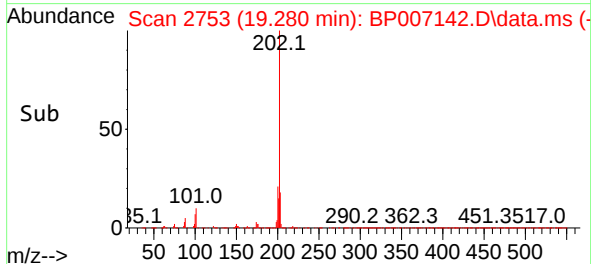
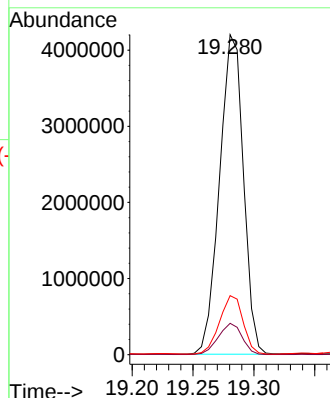
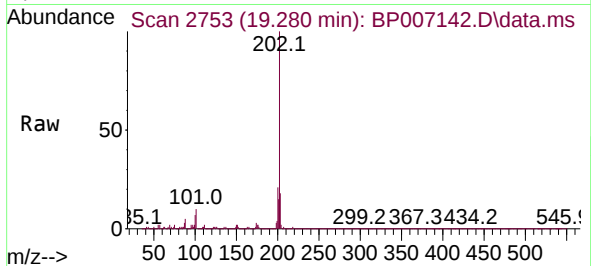




#75
Fluoranthene
Concen: 63.566 ng
RT: 19.280 min Scan# 2753
Delta R.T. -0.000 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

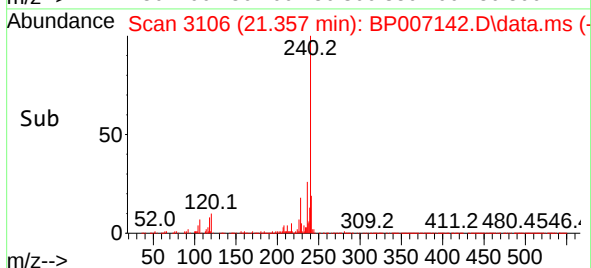
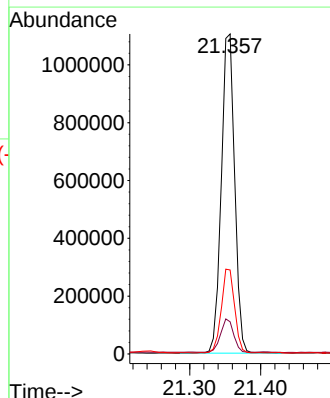
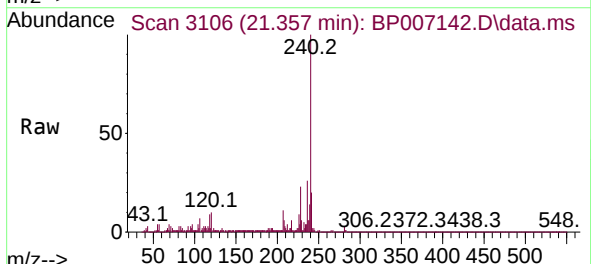
Instrument :
BNA_P
ClientSampleId :
20430

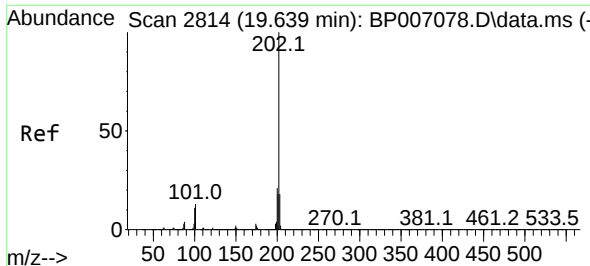
Tgt Ion:202 Resp: 5732852
Ion Ratio Lower Upper
202 100
101 9.8 0.0 27.6
203 18.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:240 Resp: 1434330
Ion Ratio Lower Upper
240 100
120 10.1 6.5 9.7#
236 26.3 20.6 31.0

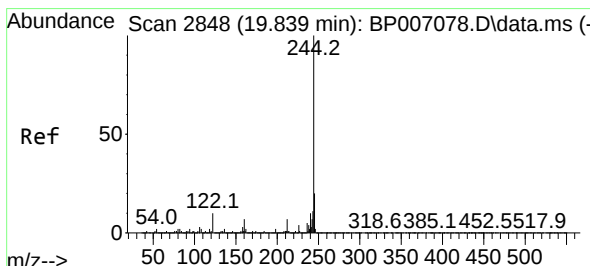
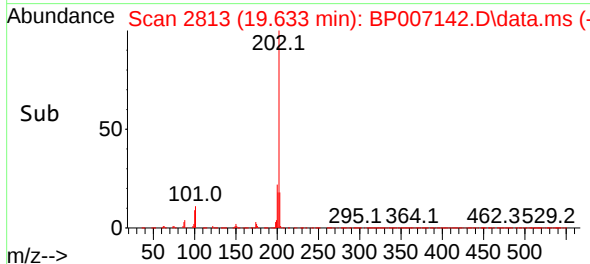
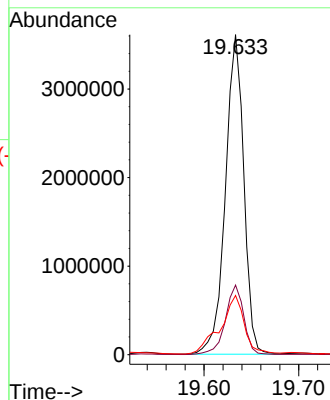
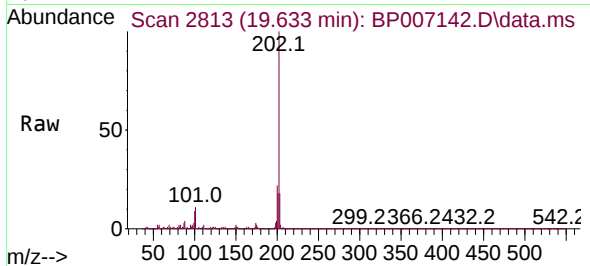




#78
Pyrene
Concen: 51.773 ng
RT: 19.633 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

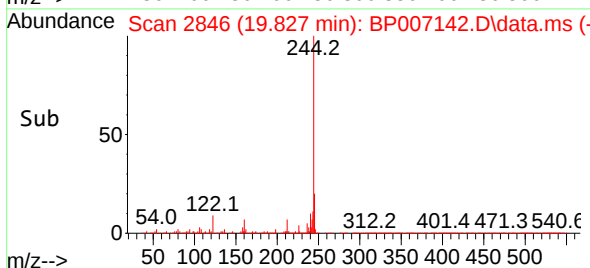
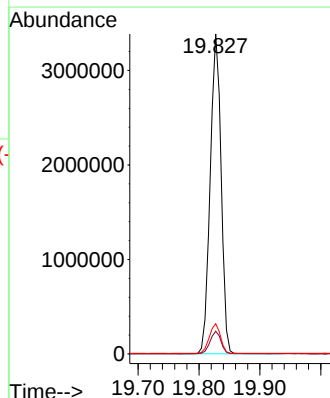
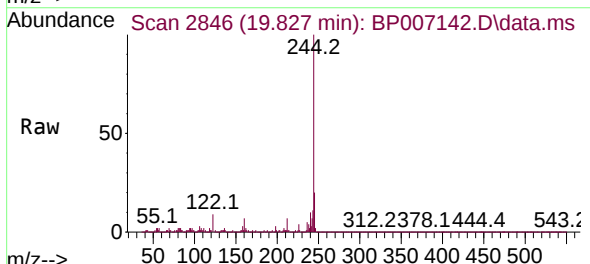
Instrument :
BNA_P
ClientSampleId :
20430

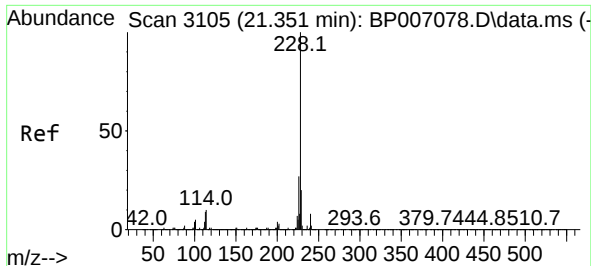
Tgt Ion:202 Resp: 4872056
Ion Ratio Lower Upper
202 100
200 21.8 16.3 24.5
203 18.5 14.2 21.2



#79
Terphenyl-d14
Concen: 56.205 ng
RT: 19.827 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:244 Resp: 4206964
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.4 7.1 10.7

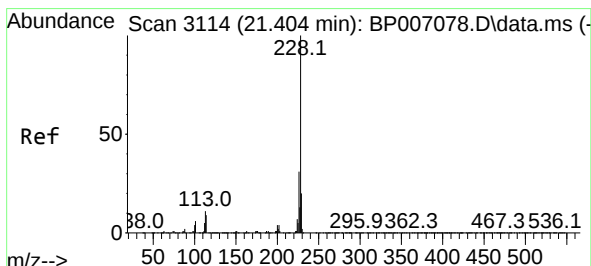
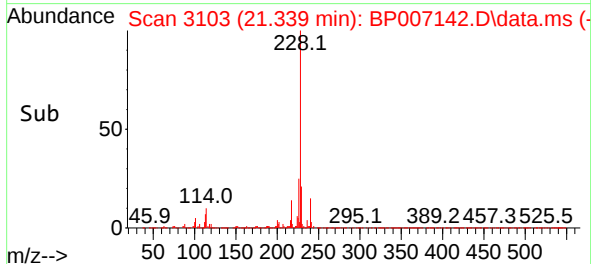
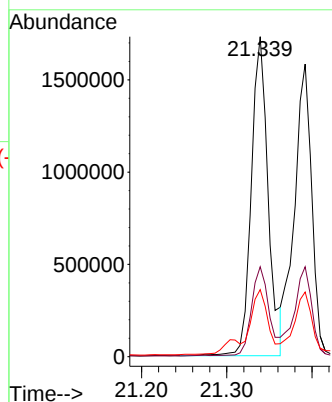
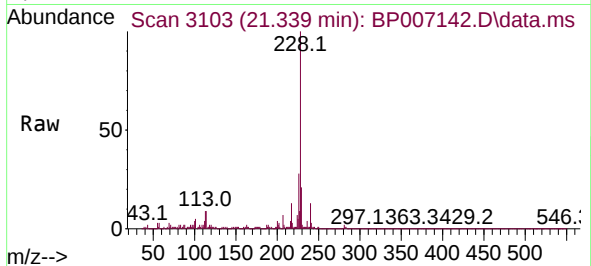




#81
Benzo(a)anthracene
Concen: 25.470 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

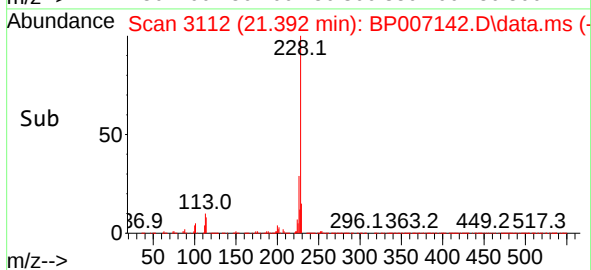
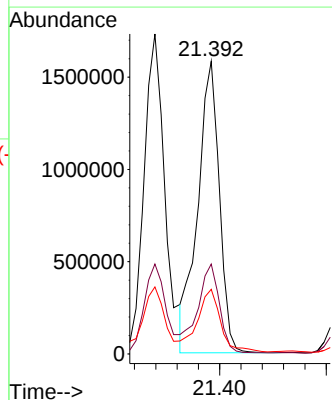
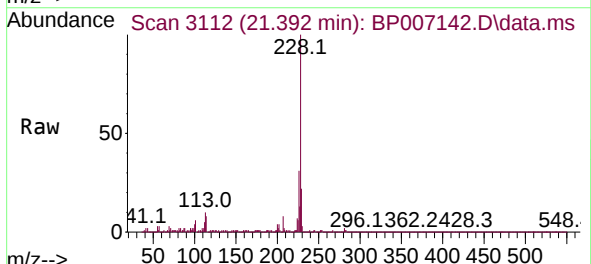
Instrument :
BNA_P
ClientSampleId :
20430

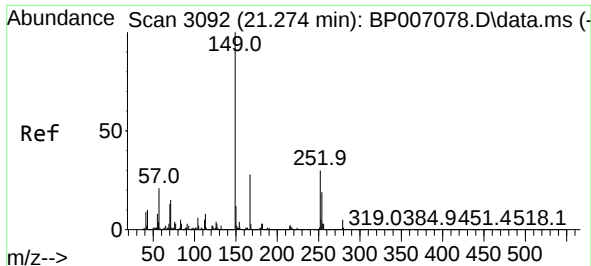
Tgt Ion:228 Resp: 2371285
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 21.0 15.8 23.6



#83
Chrysene
Concen: 25.119 ng
RT: 21.392 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:228 Resp: 2235135
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 22.1 15.4 23.2

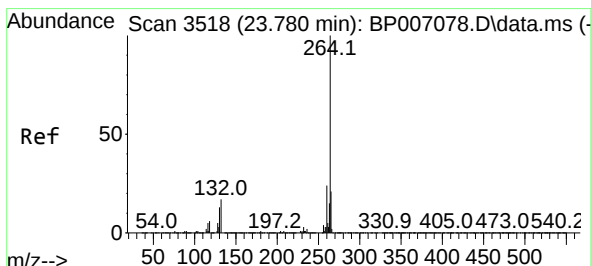
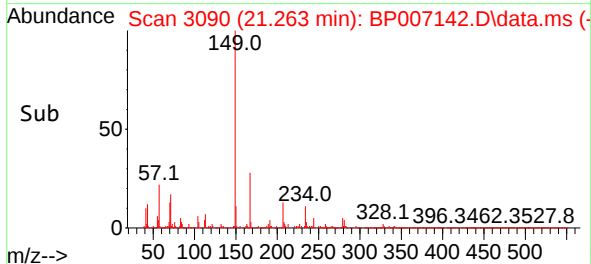
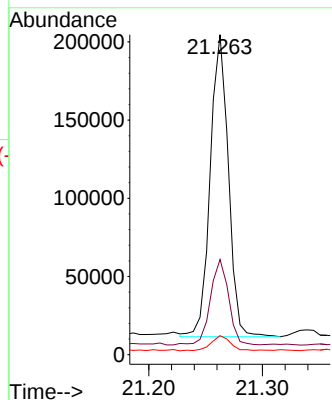
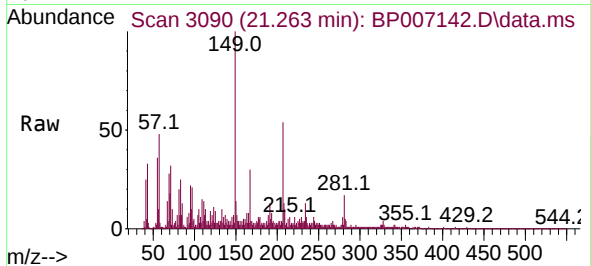




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.955 ng
RT: 21.263 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

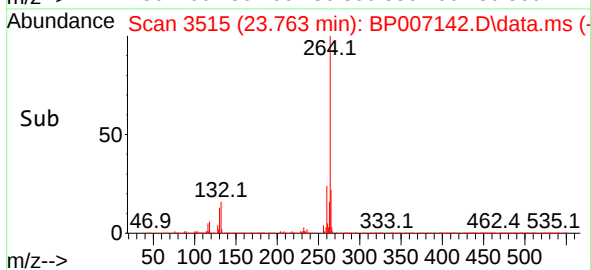
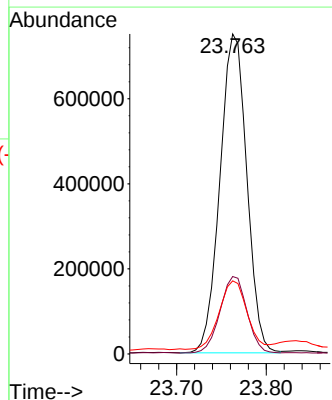
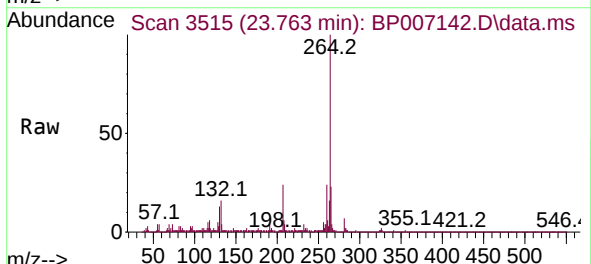
Instrument :
BNA_P
ClientSampleId :
20430

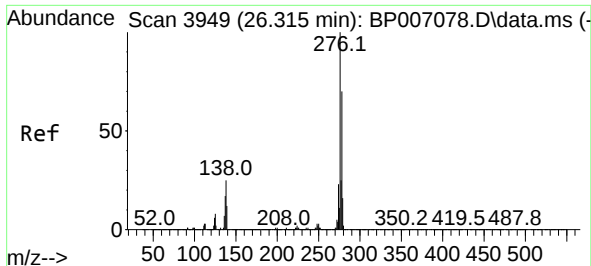
Tgt Ion:149 Resp: 214312
Ion Ratio Lower Upper
149 100
167 29.8 21.9 32.9
279 6.0 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:264 Resp: 1557288
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.9 17.6 26.4

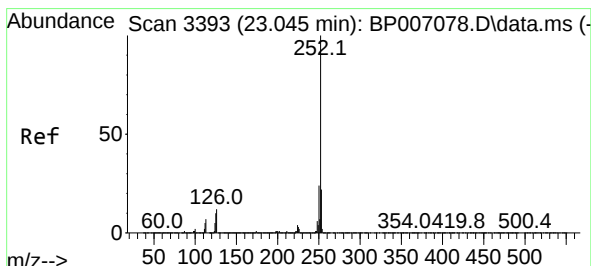
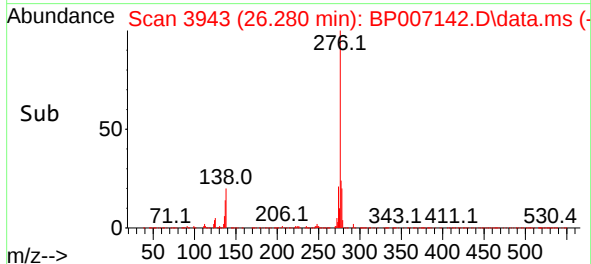
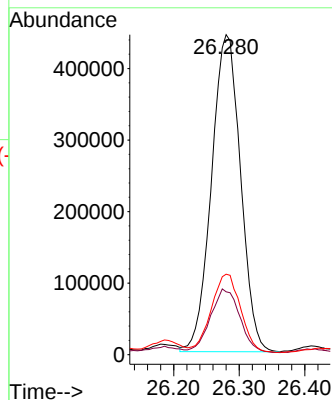
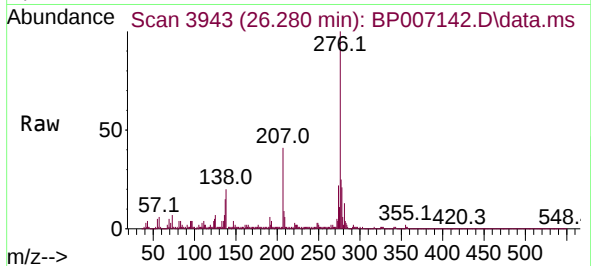




#87
Indeno(1,2,3-cd)pyrene
Concen: 12.177 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.024 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

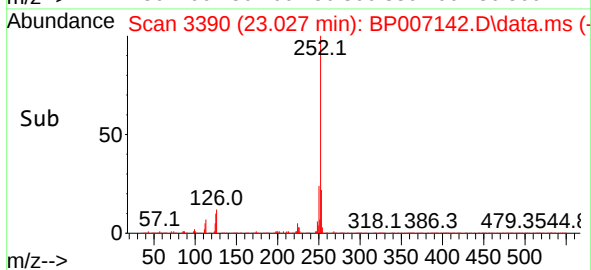
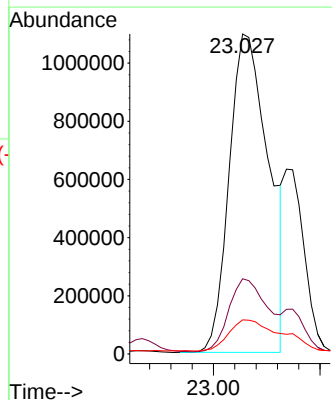
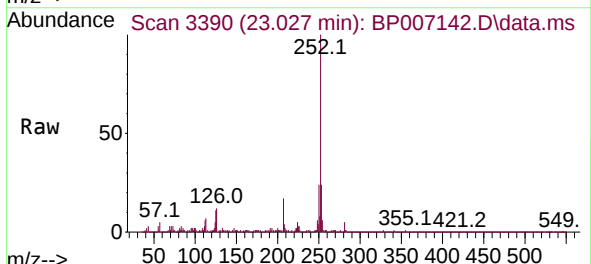
Instrument :
BNA_P
ClientSampleId :
20430

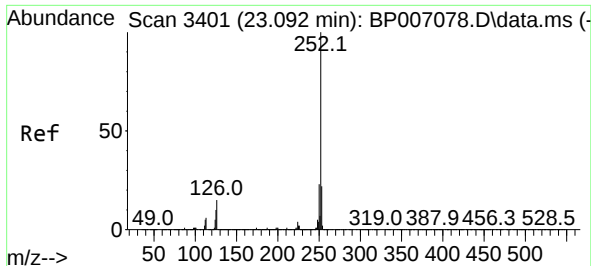
Tgt Ion:276 Resp: 1362839
Ion Ratio Lower Upper
276 100
138 20.3 15.3 22.9
277 25.0 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 30.248 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BP007142.D
Acq: 24 Sep 2021 01:01

Tgt Ion:252 Resp: 2815040
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 10.7 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 29.875 ng

RT: 23.027 min Scan# 3390

Delta R.T. -0.059 min

Lab File: BP007142.D

Acq: 24 Sep 2021 01:01

Instrument :

BNA_P

ClientSampleId :

20430

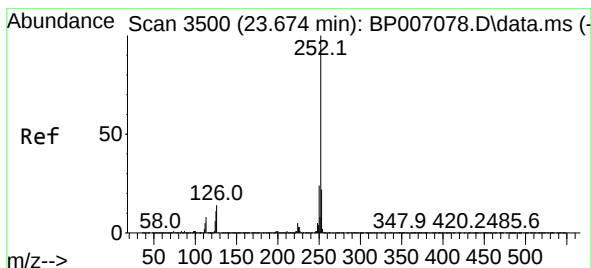
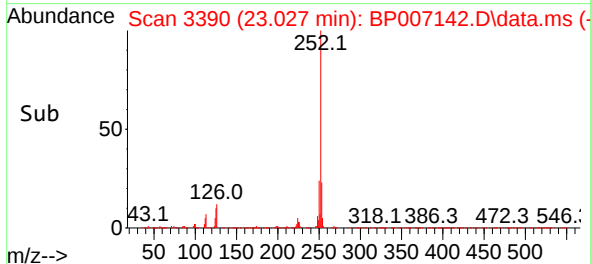
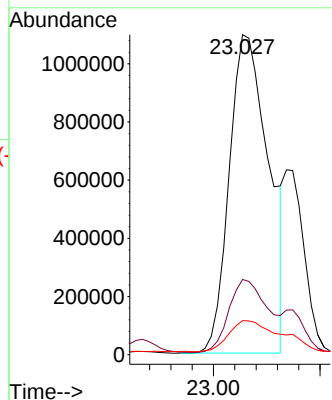
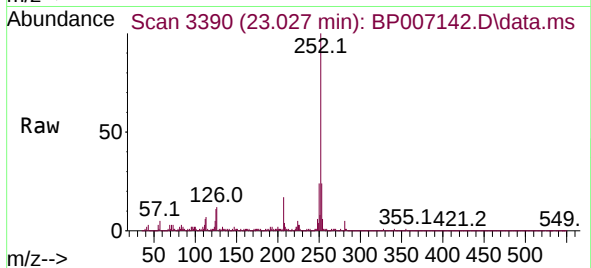
Tgt Ion:252 Resp: 2815040

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

125 10.7 6.0 9.0#



#90

Benzo(a)pyrene

Concen: 25.673 ng

RT: 23.657 min Scan# 3497

Delta R.T. -0.012 min

Lab File: BP007142.D

Acq: 24 Sep 2021 01:01

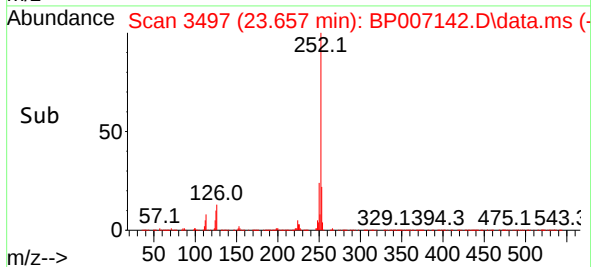
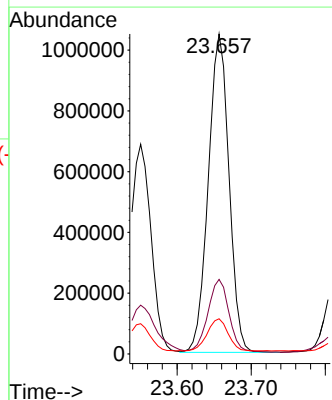
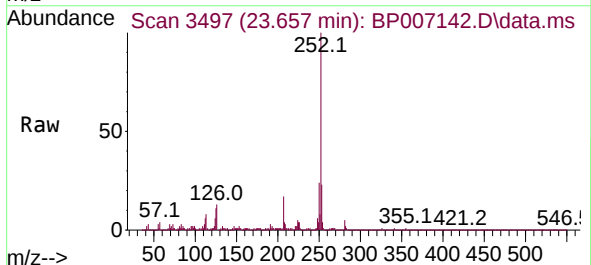
Tgt Ion:252 Resp: 2029918

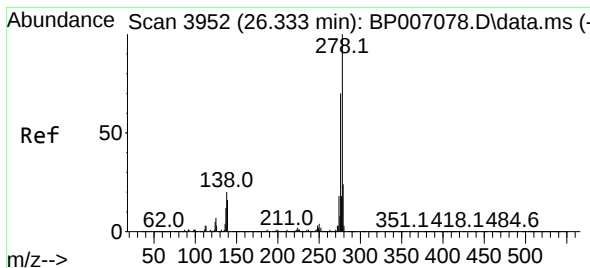
Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

125 11.0 6.5 9.7#





#91

Dibenzo(a,h)anthracene

Concen: 3.598 ng

RT: 26.286 min Scan# 3944

Delta R.T. -0.030 min

Lab File: BP007142.D

Acq: 24 Sep 2021 01:01

Instrument :

BNA_P

ClientSampleId :

20430

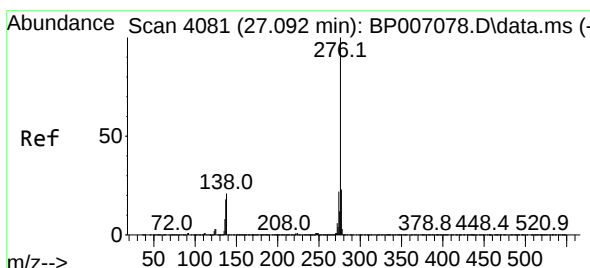
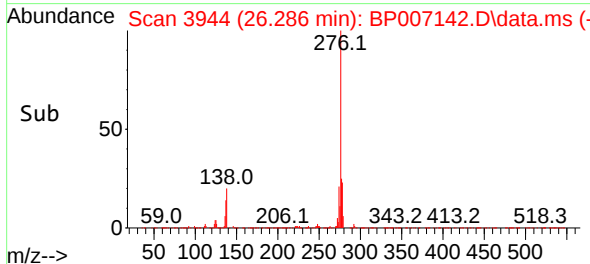
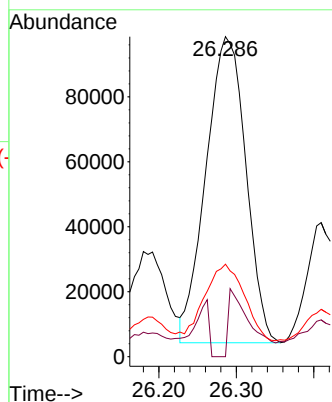
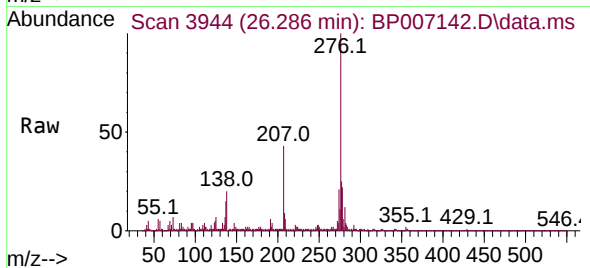
Tgt Ion:278 Resp: 337482

Ion Ratio Lower Upper

278 100

139 0.0 9.3 13.9#

279 28.9 18.8 28.2#



#92

Benzo(g,h,i)perylene

Concen: 14.903 ng

RT: 27.056 min Scan# 4075

Delta R.T. -0.018 min

Lab File: BP007142.D

Acq: 24 Sep 2021 01:01

Tgt Ion:276 Resp: 1363966

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 20.9 12.6 18.8#

