

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006819.D
 Acq On : 21 Aug 2021 02:02
 Operator : CG/JU
 Sample : M3434-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 03:00:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 20 11:25:25 2021
 Response via : Initial Calibration

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

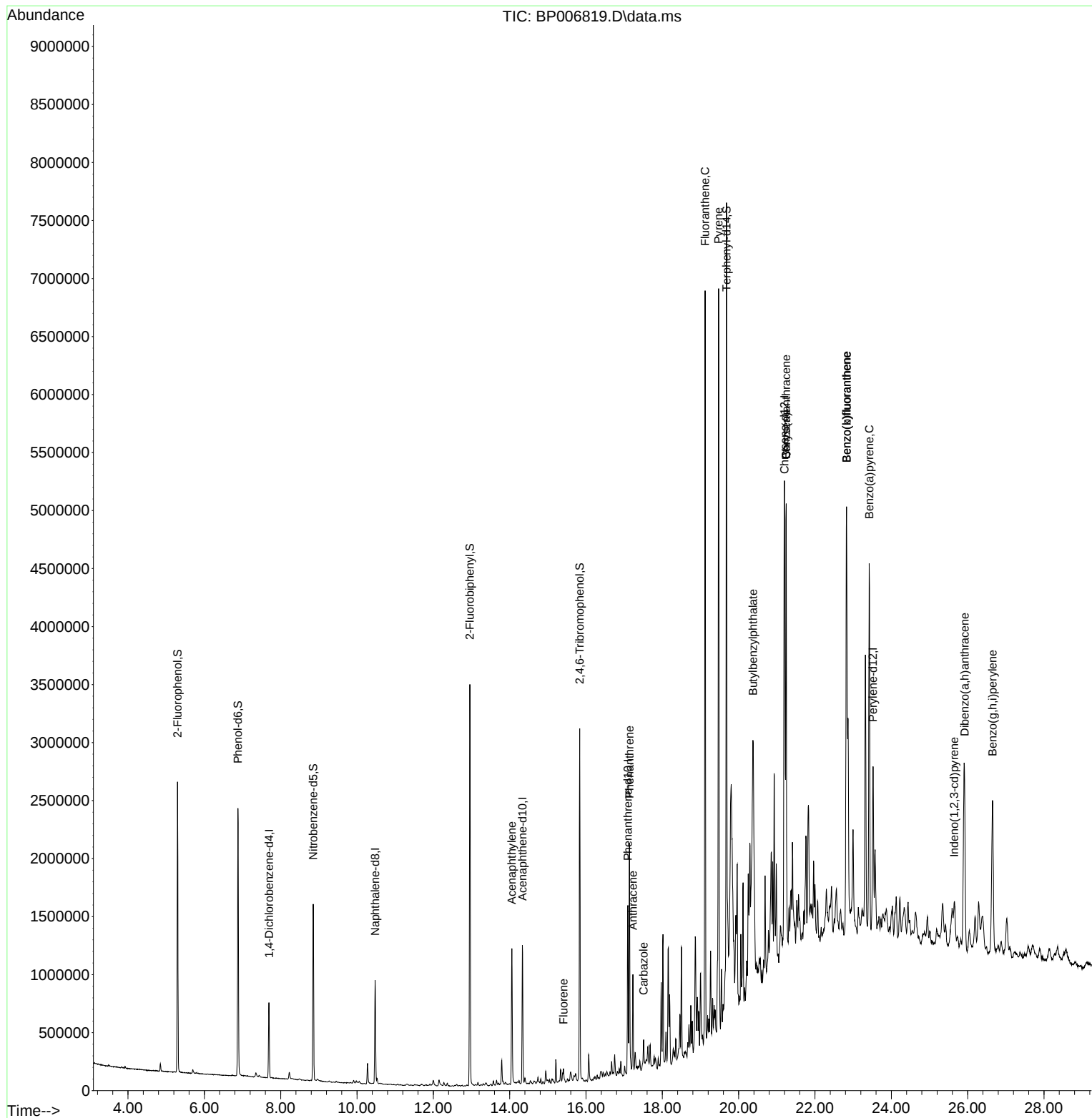
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	169244	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	694148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	391765	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	814150	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	845252	20.000	ng	# 0.00
86) Perylene-d12	23.521	264	932464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	1059148	96.121	ng	0.00
7) Phenol-d6	6.881	99	1314128	83.956	ng	0.00
23) Nitrobenzene-d5	8.851	82	907479	60.343	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	450258	109.970	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1651137	63.056	ng	0.00
79) Terphenyl-d14	19.680	244	2571008	60.949	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.057	152	895707	24.326	ng	99
58) Fluorene	15.410	166	67426	2.393	ng	# 51
71) Phenanthrene	17.139	178	1096165	23.870	ng	99
72) Anthracene	17.227	178	484908	10.928	ng	99
73) Carbazole	17.510	167	136102	3.007	ng	# 96
75) Fluoranthene	19.122	202	3419361	66.339	ng	95
78) Pyrene	19.474	202	3642054	64.509	ng	99
80) Butylbenzylphthalate	20.374	149	98128	3.953	ng	# 36
81) Benzo(a)anthracene	21.245	228	2075153	37.566	ng	94
83) Chrysene	21.245	228	2075153	38.749	ng	97
87) Indeno(1,2,3-cd)pyrene	25.651	276	167299	2.474	ng	97
88) Benzo(b)fluoranthene	22.827	252	2958574	48.819	ng	# 95
89) Benzo(k)fluoranthene	22.827	252	2958574	50.847	ng	# 95
90) Benzo(a)pyrene	23.421	252	1866146	34.331	ng	# 94
91) Dibenzo(a,h)anthracene	25.921	278	385455	6.594	ng	# 82
92) Benzo(g,h,i)perylene	26.651	276	1543498	27.553	ng	# 91

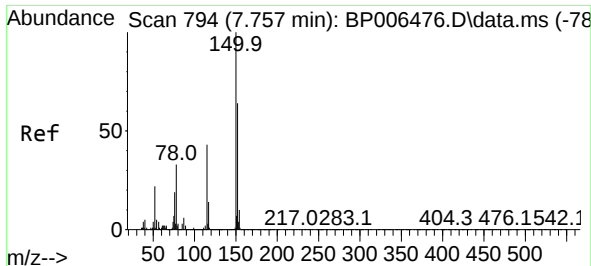
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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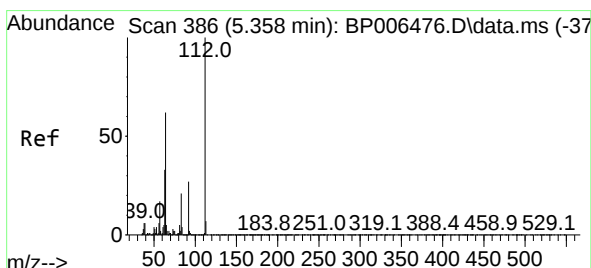
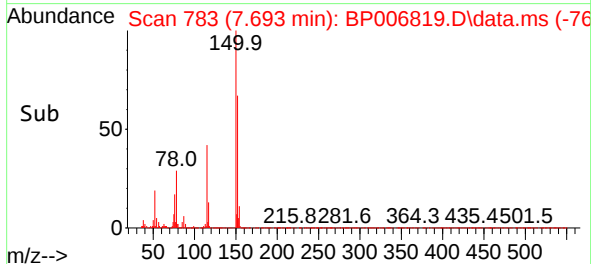
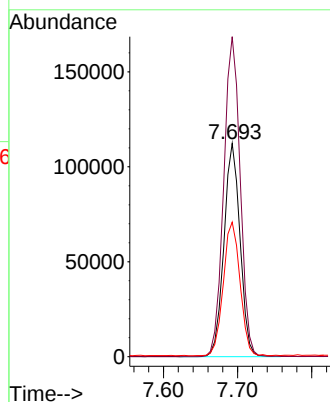
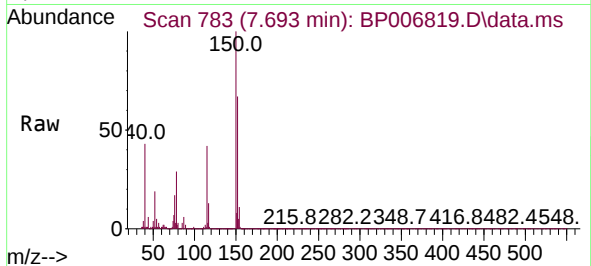




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

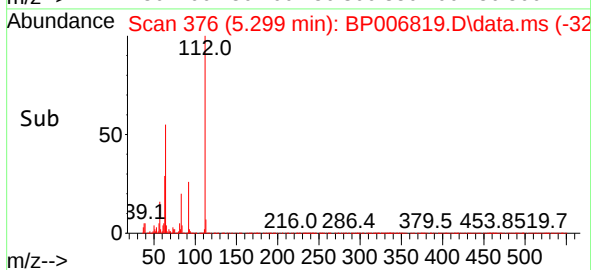
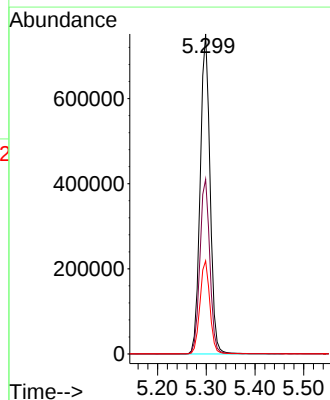
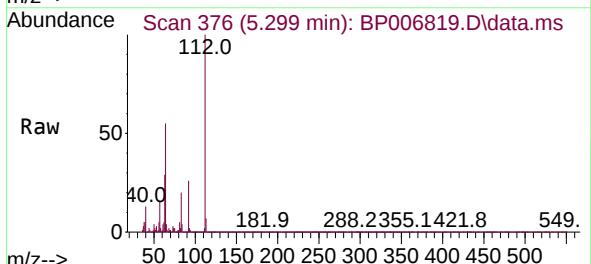
Instrument :
BNA_P
ClientSampleId :

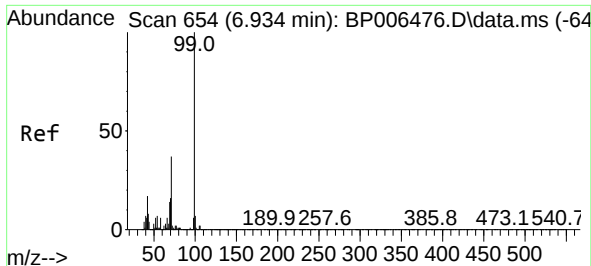
Tgt Ion:152 Resp: 169244
Ion Ratio Lower Upper
152 100
150 150.0 125.6 188.4
115 63.1 48.5 72.7



#5
2-Fluorophenol
Concen: 96.121 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:112 Resp: 1059148
Ion Ratio Lower Upper
112 100
64 54.6 41.4 62.2
63 29.1 23.8 35.8

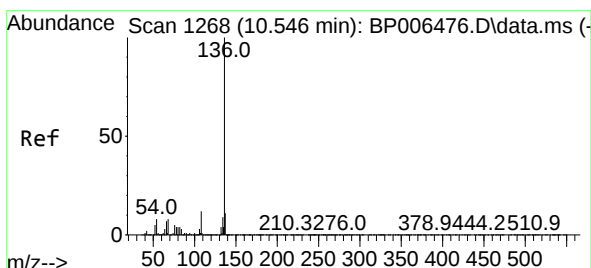
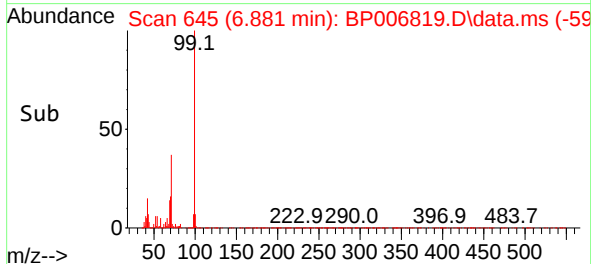
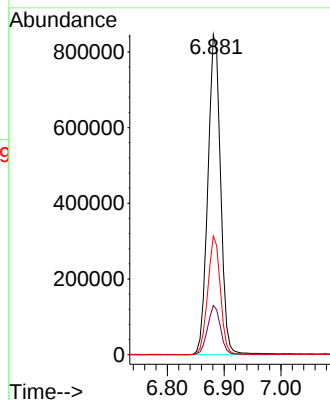
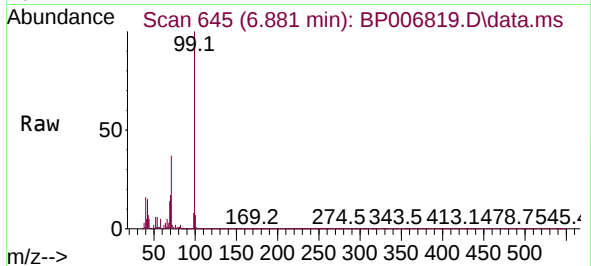




#7
Phenol-d6
Concen: 83.956 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

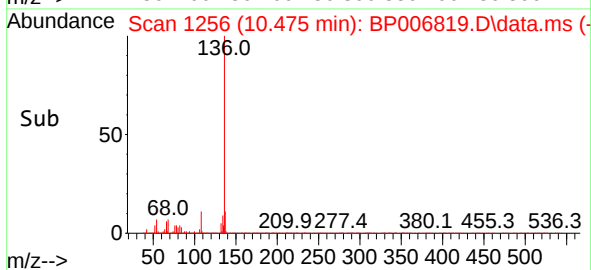
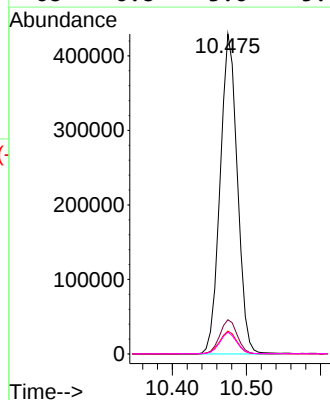
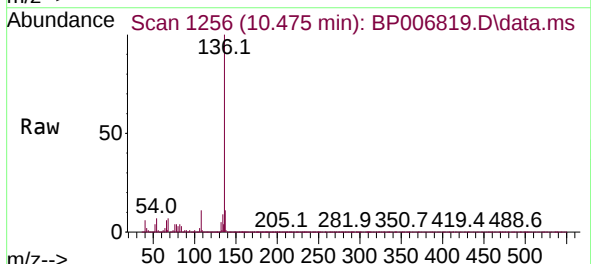
Instrument :
BNA_P
ClientSampleId :

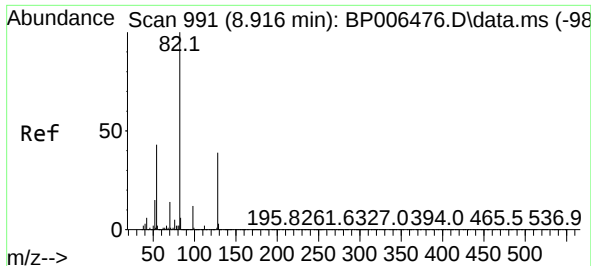
Tgt Ion: 99 Resp: 1314128
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 37.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion: 136 Resp: 694148
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.1 4.6 6.8#
68 6.8 3.6 5.4#

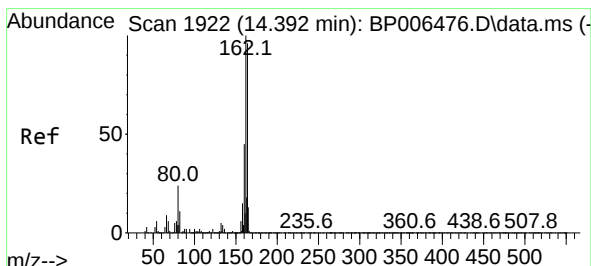
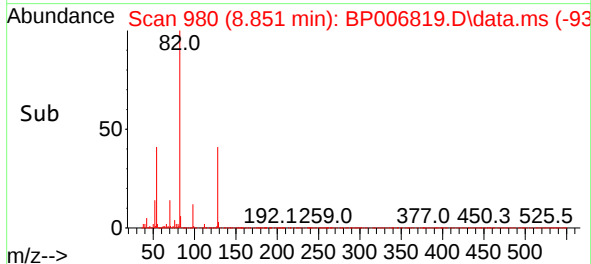
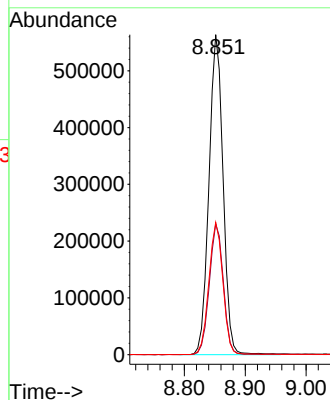
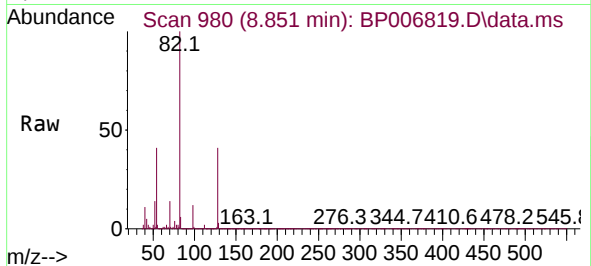




#23
Nitrobenzene-d5
Concen: 60.343 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

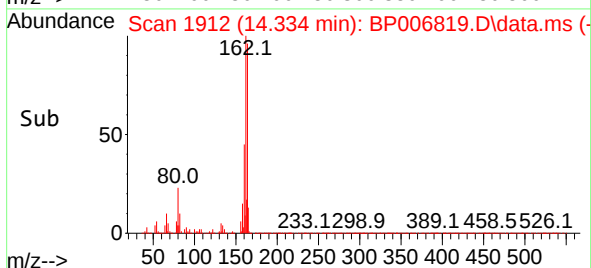
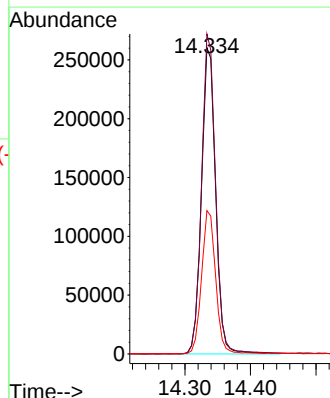
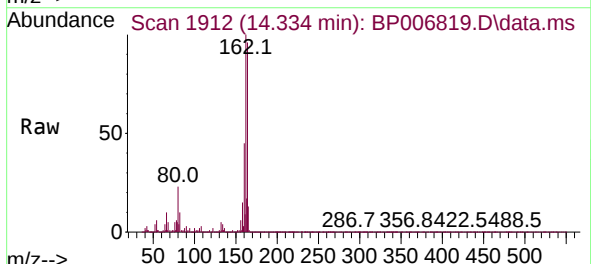
Instrument :
BNA_P
ClientSampleId :

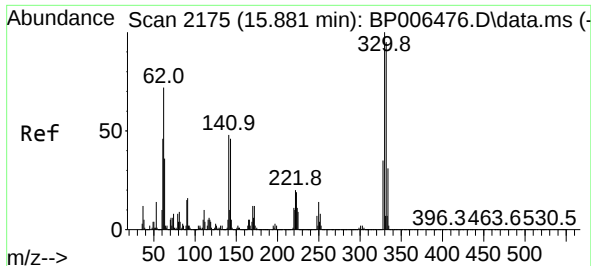
Tgt Ion: 82 Resp: 907479
Ion Ratio Lower Upper
82 100
128 40.8 35.7 53.5
54 41.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion: 164 Resp: 391765
Ion Ratio Lower Upper
164 100
162 104.4 80.2 120.2
160 46.8 34.5 51.7

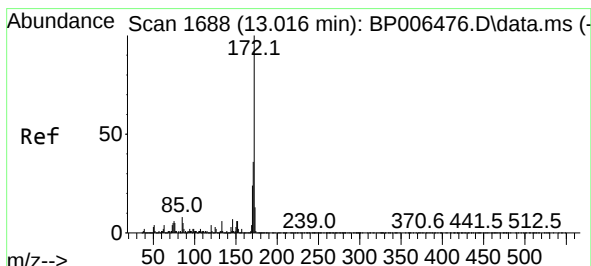
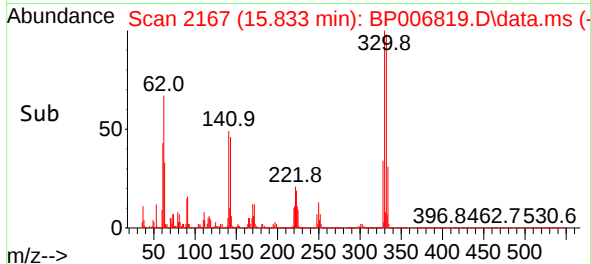
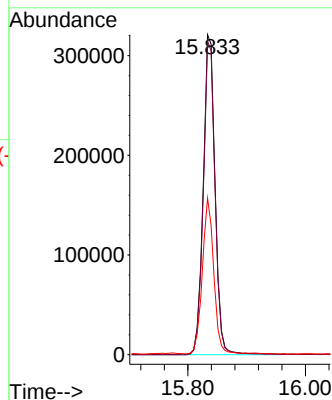
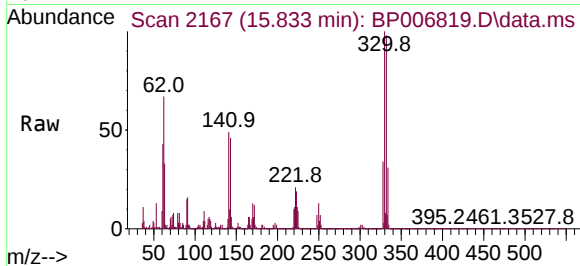




#42
2,4,6-Tribromophenol
Concen: 109.970 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

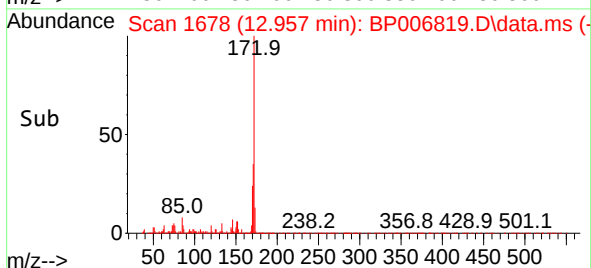
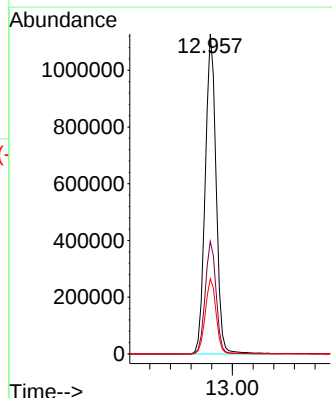
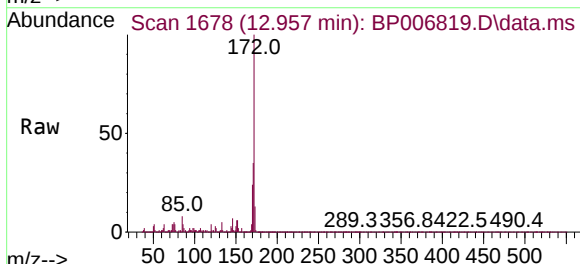
Instrument :
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ClientSampleId :

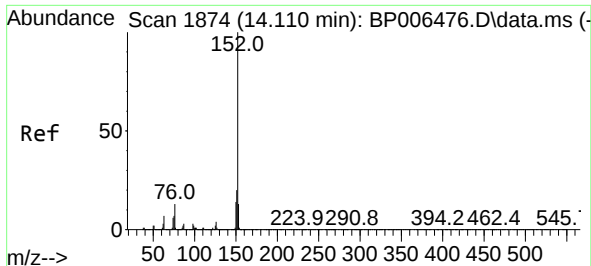
Tgt Ion:330 Resp: 450258
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 46.5 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 63.056 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:172 Resp: 1651137
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.5 18.6 27.8

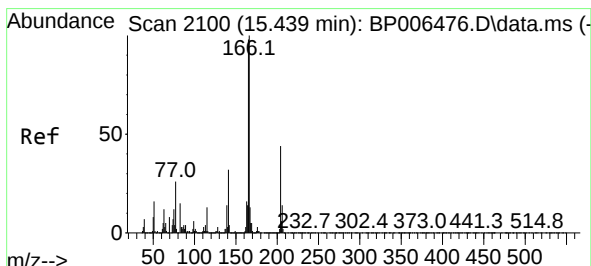
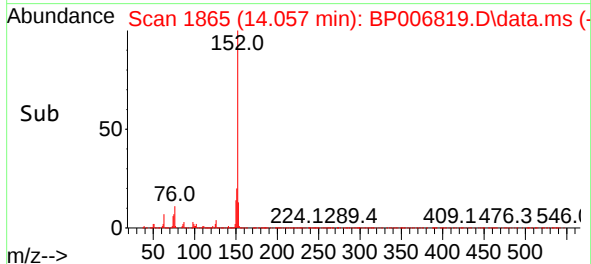
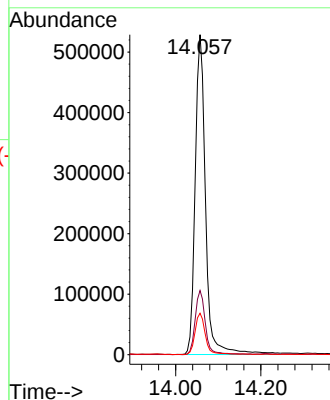
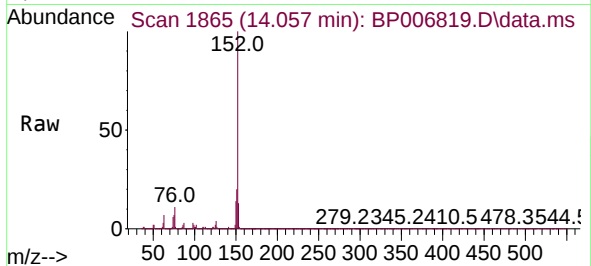




#49
Acenaphthylene
Concen: 24.326 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

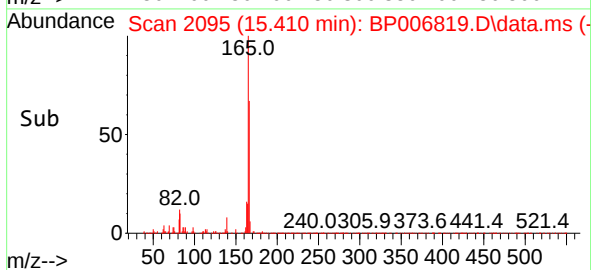
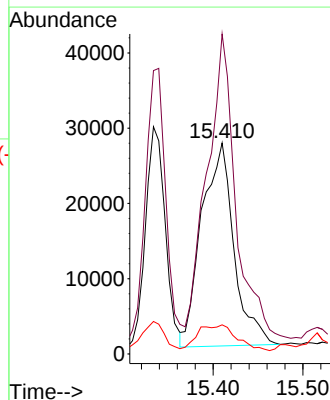
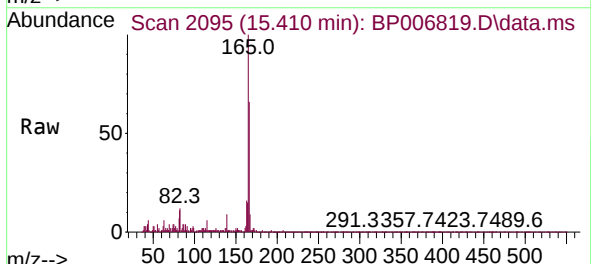
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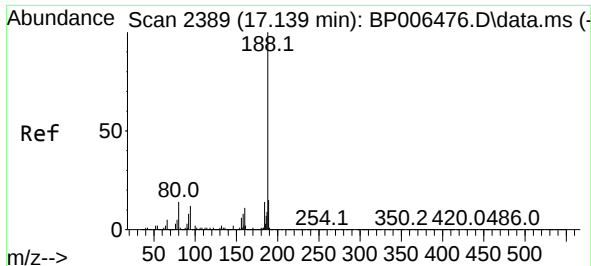
Tgt Ion:152 Resp: 895707
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 12.9 10.6 16.0



#58
Fluorene
Concen: 2.393 ng
RT: 15.410 min Scan# 2095
Delta R.T. 0.018 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:166 Resp: 67426
Ion Ratio Lower Upper
166 100
165 151.6 78.0 117.0#
167 13.8 10.5 15.7

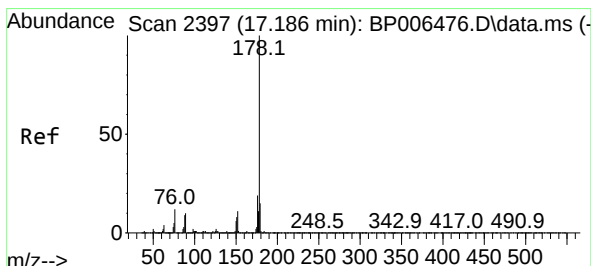
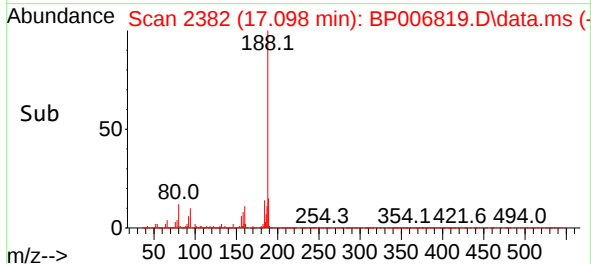
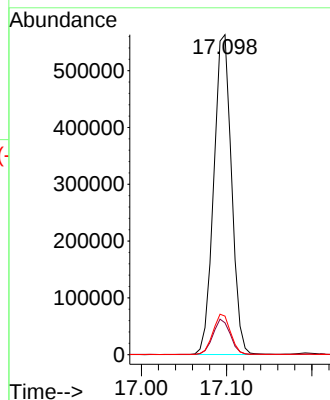
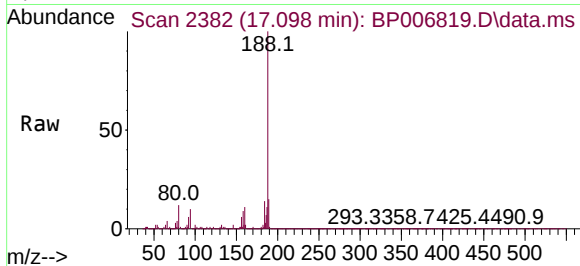




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

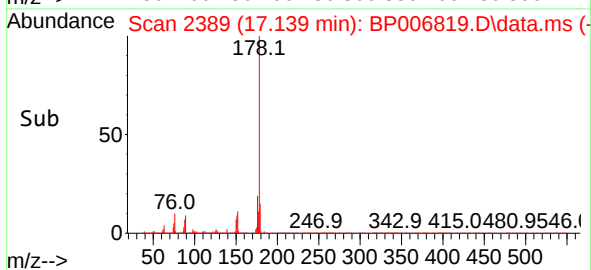
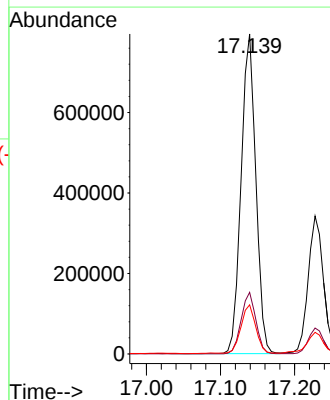
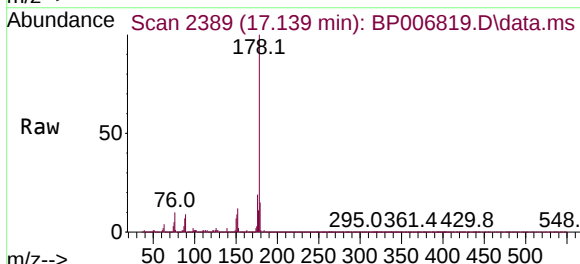
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BNA_P
ClientSampleId :

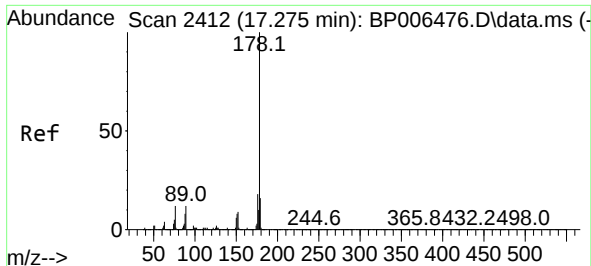
Tgt Ion:188 Resp: 814150
Ion Ratio Lower Upper
188 100
94 9.9 5.6 8.4#
80 12.1 6.3 9.5#



#71
Phenanthrene
Concen: 23.870 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:178 Resp: 1096165
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.4 18.6

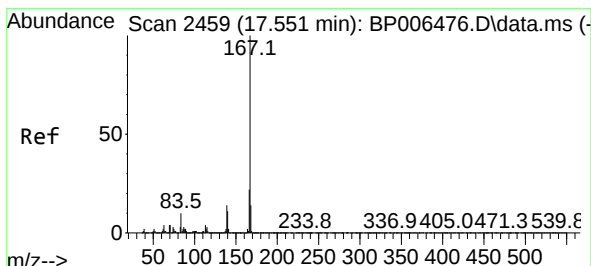
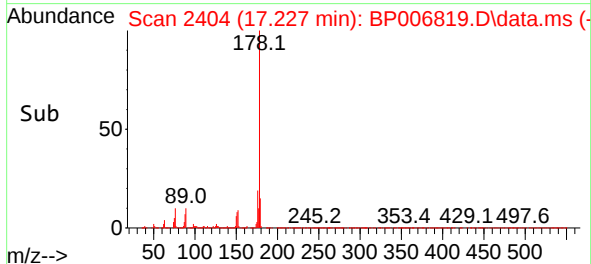
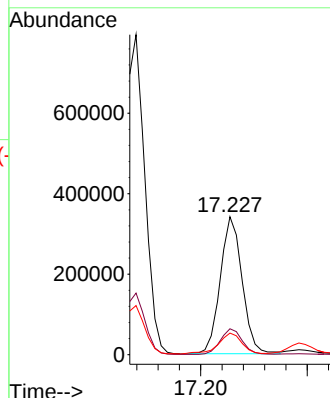
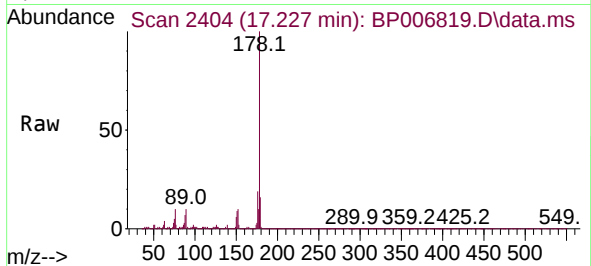




#72
 Anthracene
 Concen: 10.928 ng
 RT: 17.227 min Scan# 2404
 Delta R.T. -0.006 min
 Lab File: BP006819.D
 Acq: 21 Aug 2021 02:02

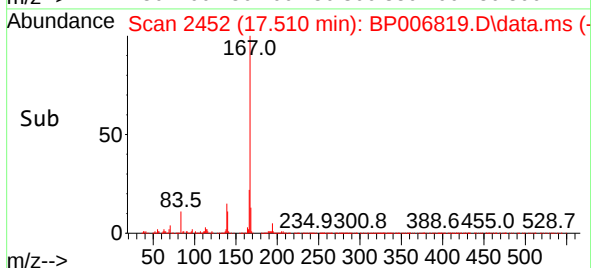
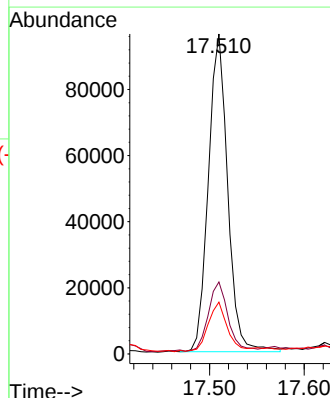
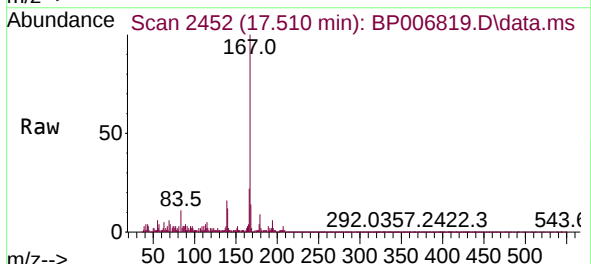
Instrument :
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 ClientSampleId :

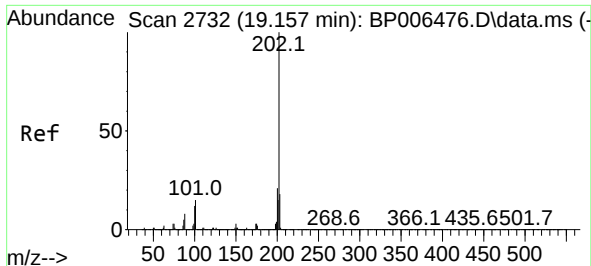
Tgt Ion:178 Resp: 484908
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.9 22.3
 179 15.7 12.2 18.2



#73
 Carbazole
 Concen: 3.007 ng
 RT: 17.510 min Scan# 2452
 Delta R.T. 0.000 min
 Lab File: BP006819.D
 Acq: 21 Aug 2021 02:02

Tgt Ion:167 Resp: 136102
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.1 25.7
 139 16.2 10.7 16.1#

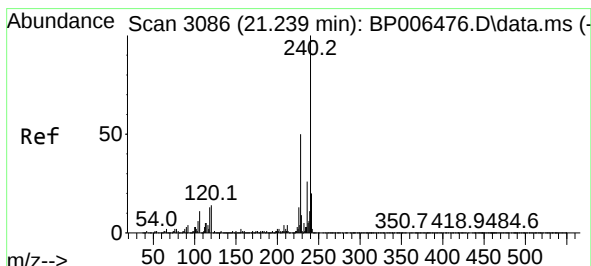
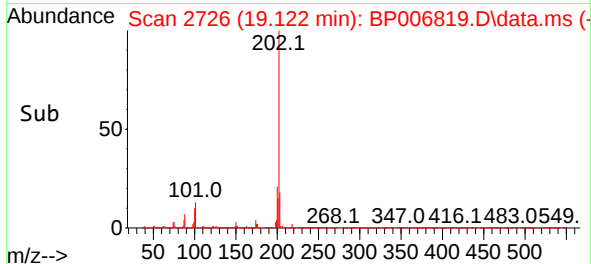
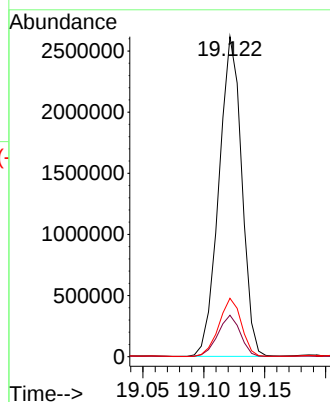
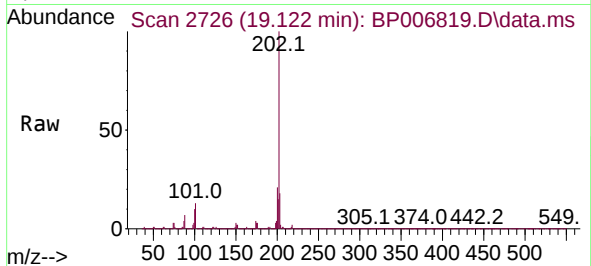




#75
Fluoranthene
Concen: 66.339 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

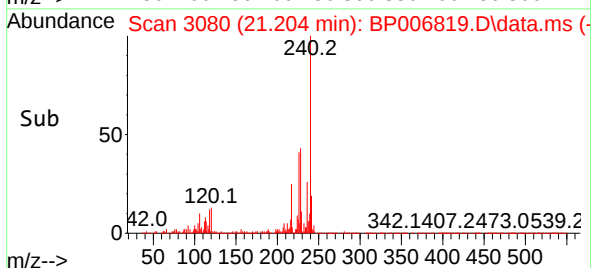
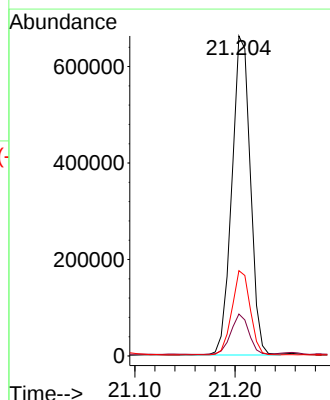
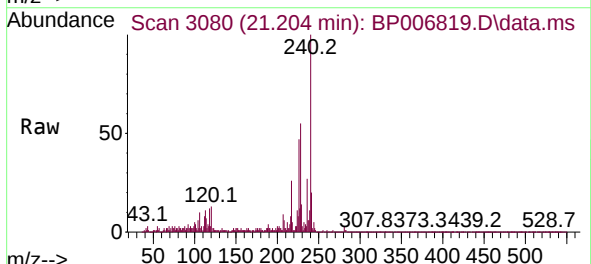
Instrument :
BNA_P
ClientSampled :

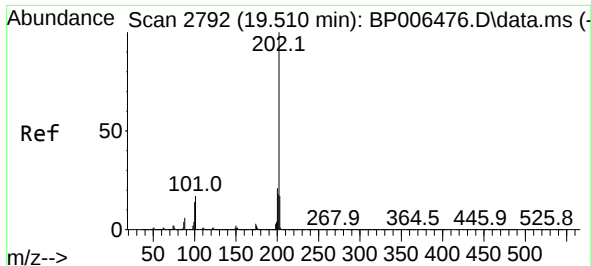
Tgt Ion:202 Resp: 3419361
Ion Ratio Lower Upper
202 100
101 13.0 0.0 27.6
203 18.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:240 Resp: 845252
Ion Ratio Lower Upper
240 100
120 13.1 6.5 9.7#
236 26.6 20.6 31.0

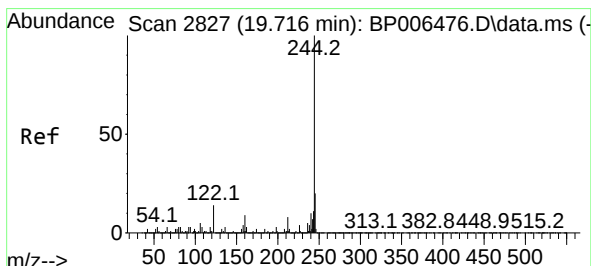
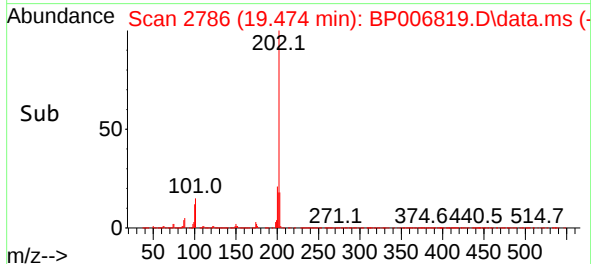
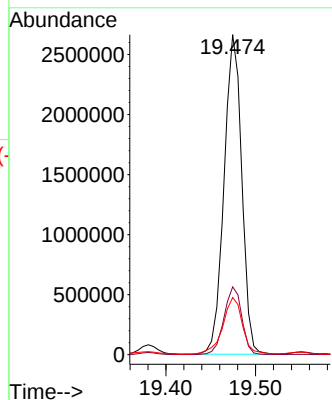
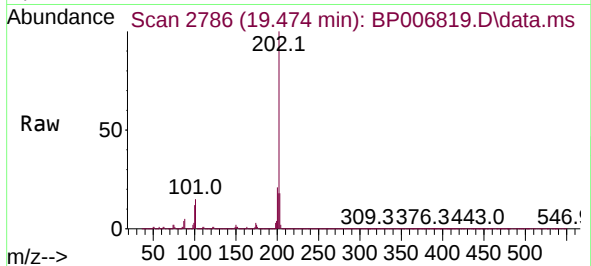




#78
Pyrene
Concen: 64.509 ng
RT: 19.474 min Scan# 2786
Delta R.T. 0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

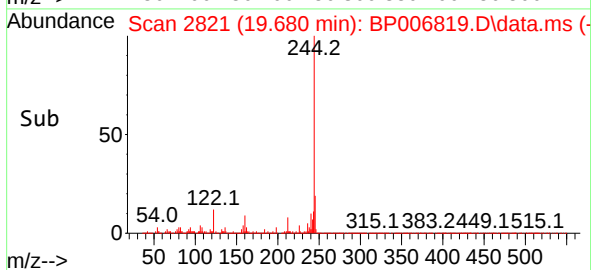
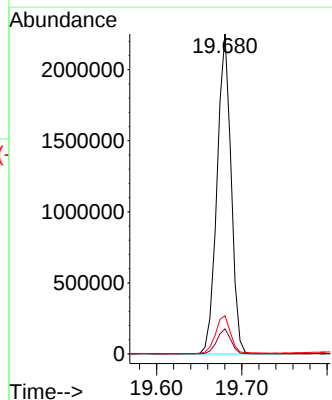
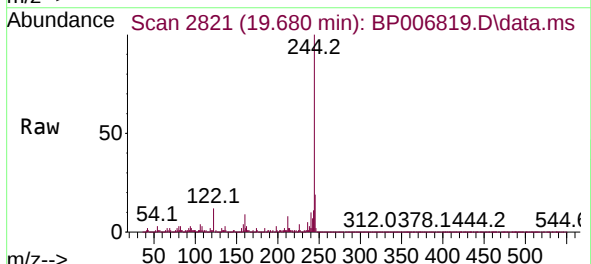
Instrument :
BNA_P
ClientSampleId :

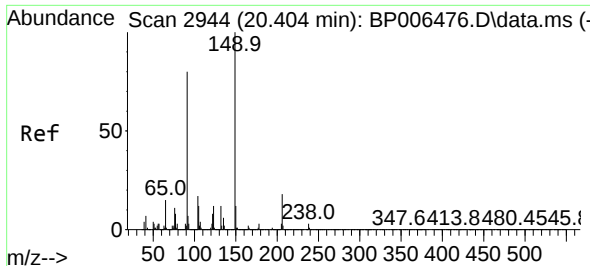
Tgt Ion:202 Resp: 3642054
Ion Ratio Lower Upper
202 100
200 21.2 16.3 24.5
203 17.8 14.2 21.2



#79
Terphenyl-d14
Concen: 60.949 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:244 Resp: 2571008
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 11.9 7.1 10.7#

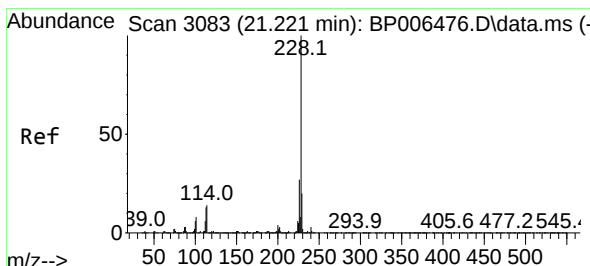
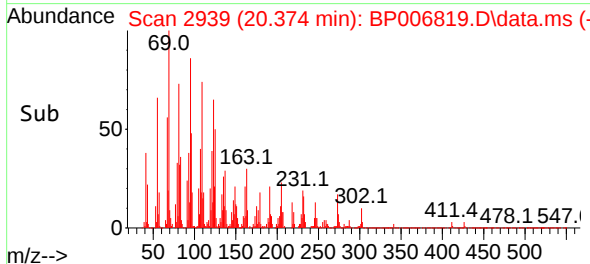
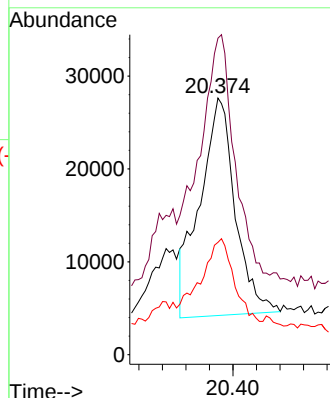
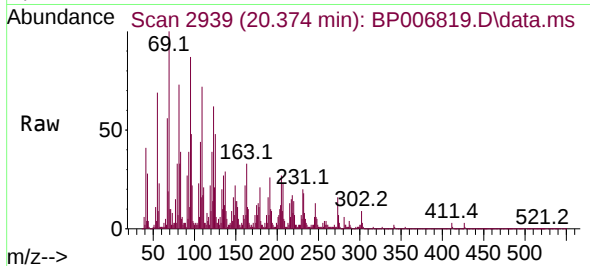




#80
Butylbenzylphthalate
Concen: 3.953 ng
RT: 20.374 min Scan# 2939
Delta R.T. 0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

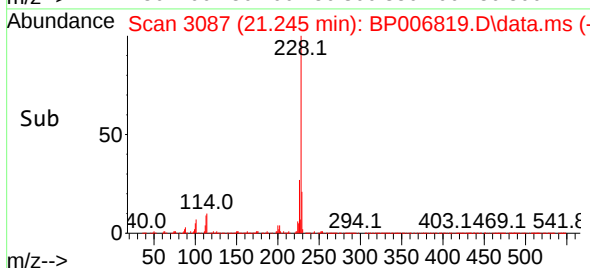
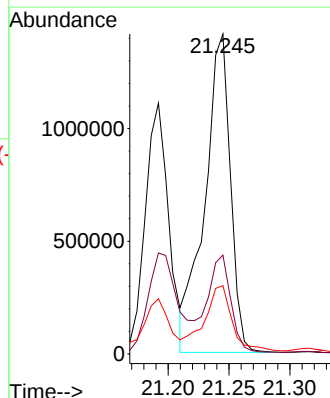
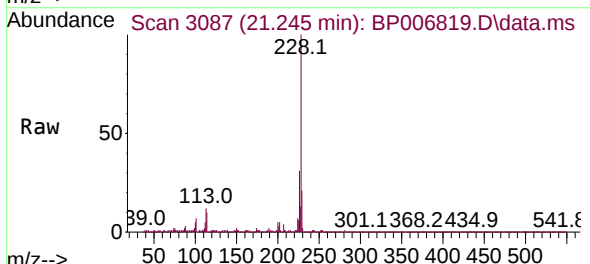
Instrument :
BNA_P
ClientSampled :

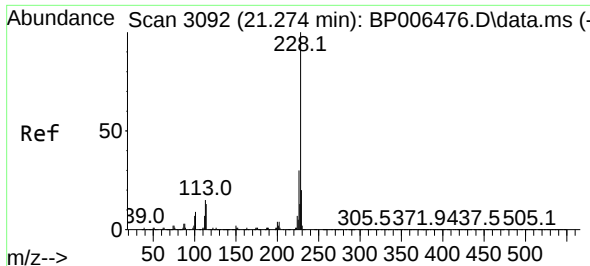
Tgt Ion:149 Resp: 98128
Ion Ratio Lower Upper
149 100
91 123.3 54.6 81.8#
206 43.7 16.7 25.1#



#81
Benzo(a)anthracene
Concen: 37.566 ng
RT: 21.245 min Scan# 3087
Delta R.T. 0.053 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:228 Resp: 2075153
Ion Ratio Lower Upper
228 100
226 30.9 21.6 32.4
229 21.4 15.8 23.6

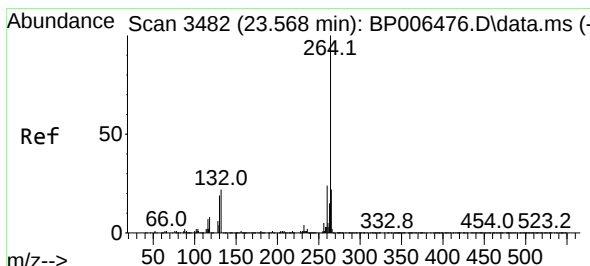
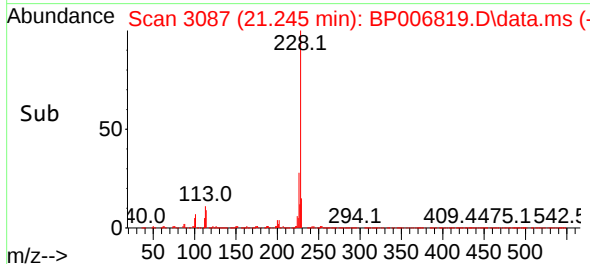
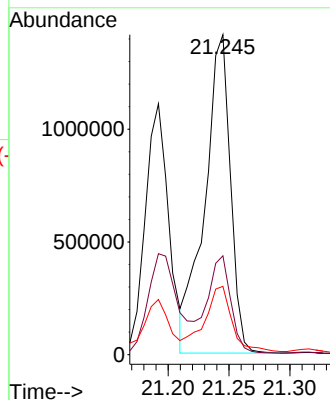
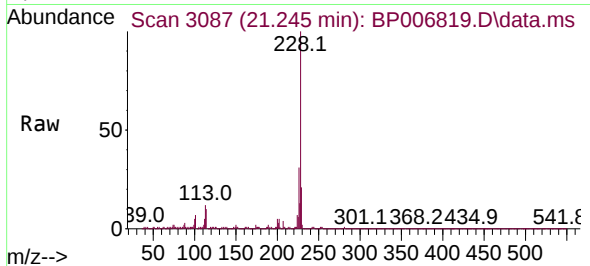




#83
Chrysene
Concen: 38.749 ng
RT: 21.245 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

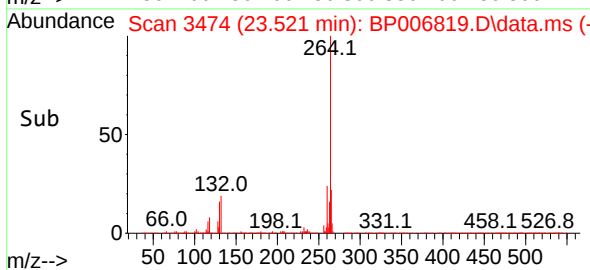
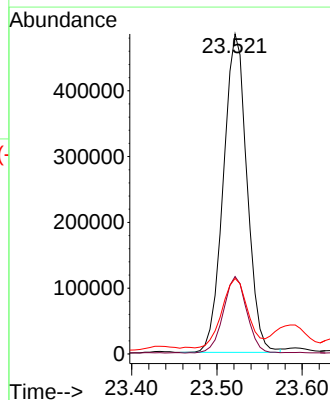
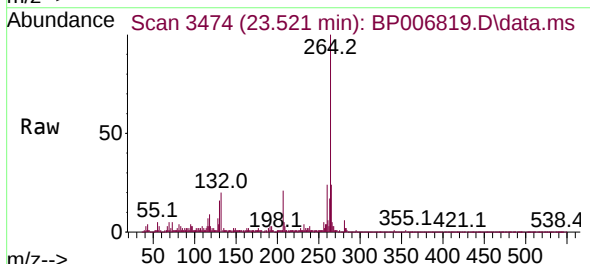
Instrument :
BNA_P
ClientSampleId :

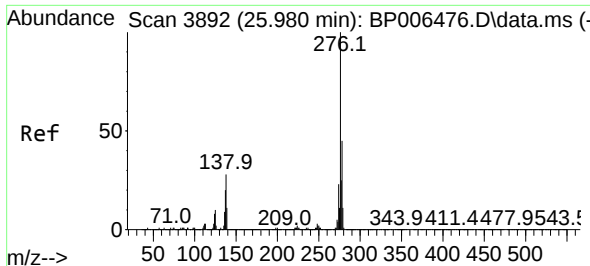
Tgt Ion:228 Resp: 2075153
Ion Ratio Lower Upper
228 100
226 30.9 23.8 35.6
229 21.4 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:264 Resp: 932464
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 23.6 17.6 26.4

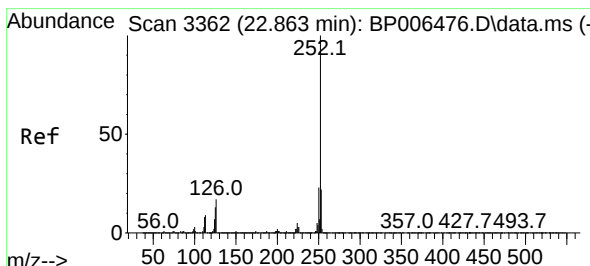
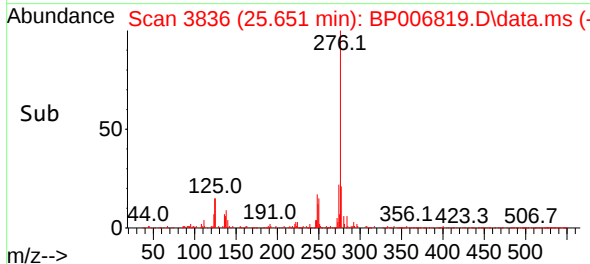
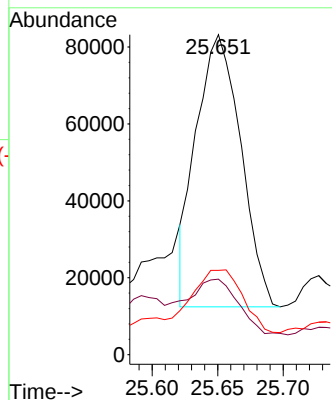
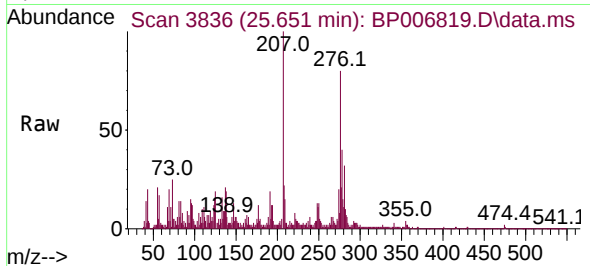




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.474 ng
RT: 25.651 min Scan# 3836
Delta R.T. -0.253 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

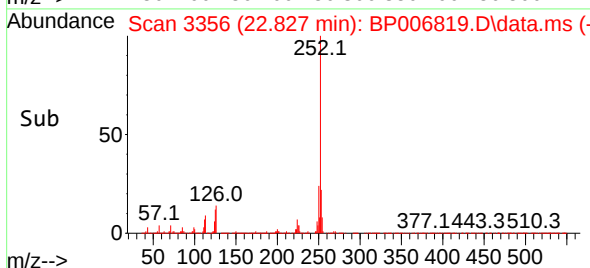
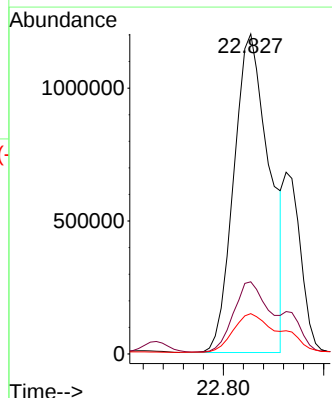
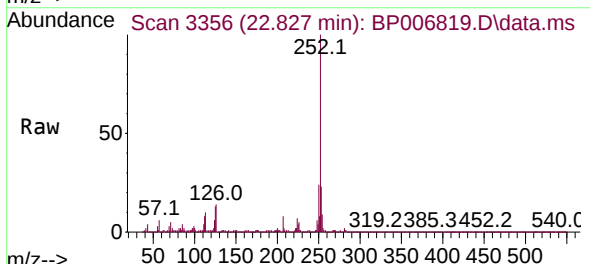
Instrument :
BNA_P
ClientSampleId :

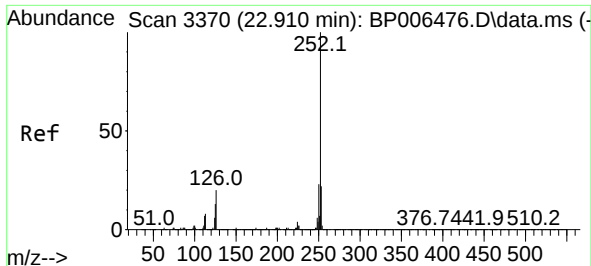
Tgt Ion: 276 Resp: 167299
Ion Ratio Lower Upper
276 100
138 21.0 15.3 22.9
277 24.4 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 48.819 ng
RT: 22.827 min Scan# 3356
Delta R.T. 0.012 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion: 252 Resp: 2958574
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 12.6 6.2 9.4#

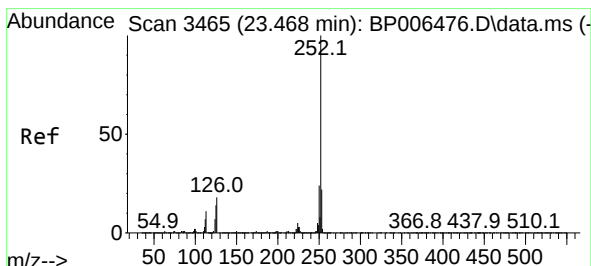
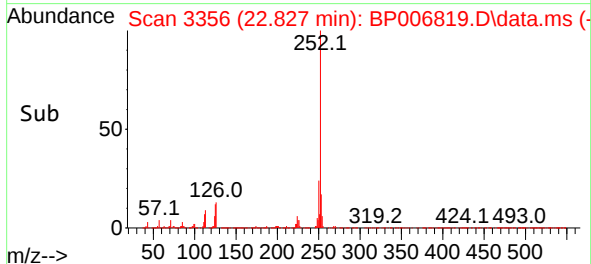
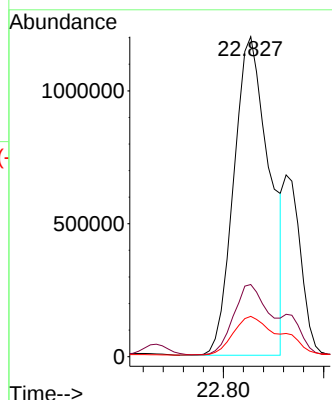
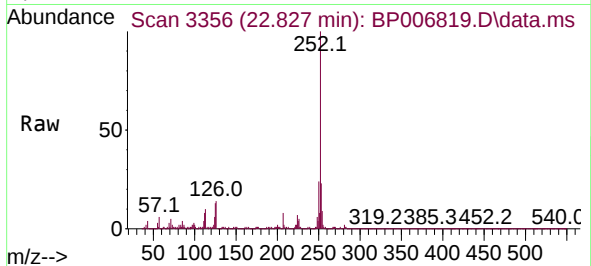




#89
Benzo(k)fluoranthene
Concen: 50.847 ng
RT: 22.827 min Scan# 3356
Delta R.T. -0.035 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

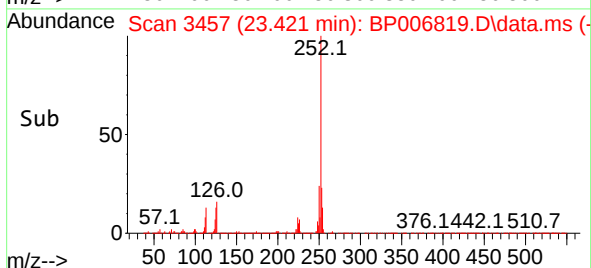
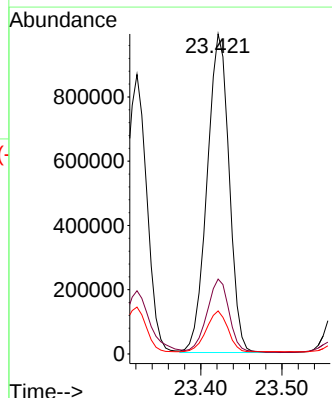
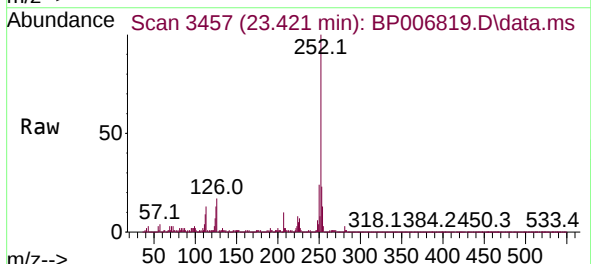
Instrument :
BNA_P
ClientSampleId :

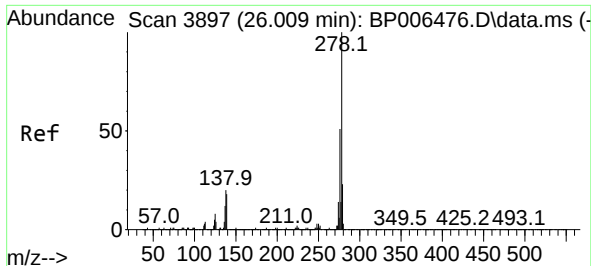
Tgt Ion:252 Resp: 2958574
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.6 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 34.331 ng
RT: 23.421 min Scan# 3457
Delta R.T. 0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:252 Resp: 1866146
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 13.4 6.5 9.7#

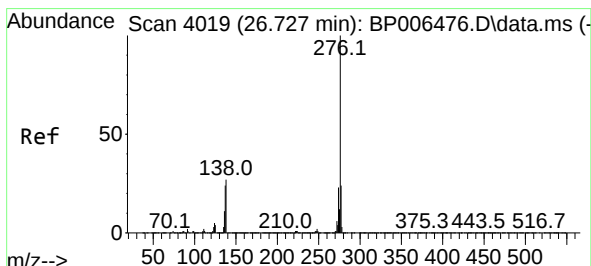
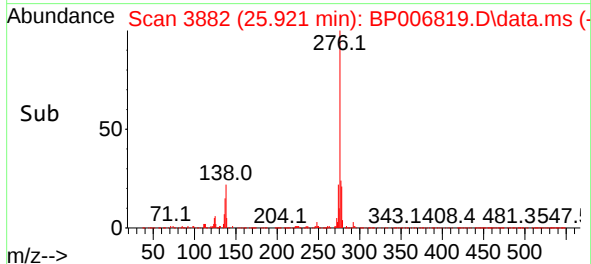
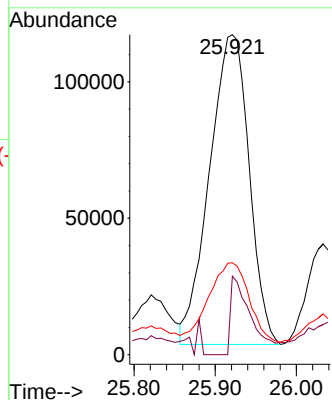
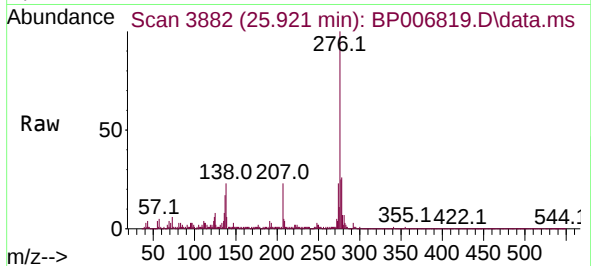




#91
Dibenzo(a,h)anthracene
Concen: 6.594 ng
RT: 25.921 min Scan# 3882
Delta R.T. -0.006 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Instrument :
BNA_P
ClientSampled :

Tgt Ion:278 Resp: 385455
Ion Ratio Lower Upper
278 100
139 24.6 9.3 13.9#
279 28.8 18.8 28.2#



#92
Benzo(g,h,i)perylene
Concen: 27.553 ng
RT: 26.651 min Scan# 4006
Delta R.T. 0.012 min
Lab File: BP006819.D
Acq: 21 Aug 2021 02:02

Tgt Ion:276 Resp: 1543498
Ion Ratio Lower Upper
276 100
277 24.0 18.9 28.3
138 25.2 12.6 18.8#

