

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
 Data File : BP006059.D
 Acq On : 24 Jun 2021 18:37
 Operator : CG/JU
 Sample : M2795-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B1-6-8

Quant Time: Jun 25 01:10:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

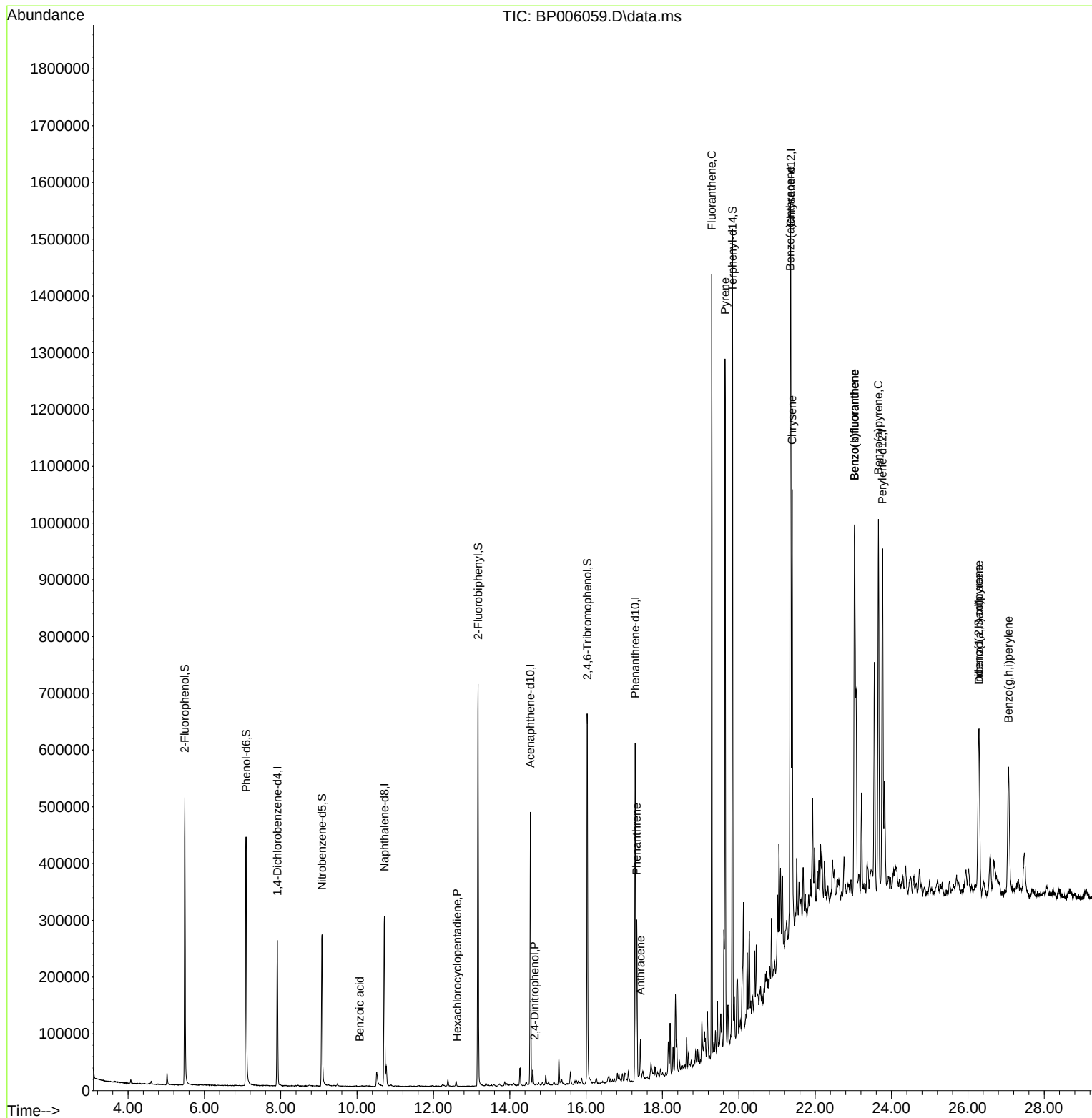
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	70588	20.00	ng	-0.01
21) Naphthalene-d8	10.716	136	267490	20.00	ng	0.00
39) Acenaphthene-d10	14.539	164	164142	20.00	ng	-0.01
64) Phenanthrene-d10	17.286	188	352269	20.00	ng	0.00
76) Chrysene-d12	21.363	240	415883	20.00	ng	0.00
86) Perylene-d12	23.763	264	477140	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	235671	53.57	ng	0.00
7) Phenol-d6	7.093	99	288324	50.57	ng	0.00
23) Nitrobenzene-d5	9.081	82	177648	32.56	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	140744	49.97	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	382023	30.56	ng	0.00
79) Terphenyl-d14	19.833	244	637140	28.69	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	10.069	122	36	6.33	ng	# 56
41) Hexachlorocyclopentadiene	12.622	237	13	5.51	ng	95
54) 2,4-Dinitrophenol	14.651	184	7	4.85	ng	# 1
71) Phenanthrene	17.328	178	170630	8.07	ng	100
72) Anthracene	17.422	178	45420	2.18	ng	99
75) Fluoranthene	19.292	202	770364	29.99	ng	98
78) Pyrene	19.639	202	751068	25.87	ng	100
81) Benzo(a)anthracene	21.345	228	519623	17.31	ng	97
83) Chrysene	21.398	228	433510	14.91	ng	97
87) Indeno(1,2,3-cd)pyrene	26.286	276	327739	8.03	ng	99
88) Benzo(b)fluoranthene	23.033	252	868702	26.58	ng	# 96
89) Benzo(k)fluoranthene	23.033	252	868702	27.41	ng	# 96
90) Benzo(a)pyrene	23.657	252	529239	17.23	ng	98
91) Dibenzo(a,h)anthracene	26.292	278	90255	2.57	ng	# 80
92) Benzo(g,h,i)perylene	27.062	276	303948	8.76	ng	98

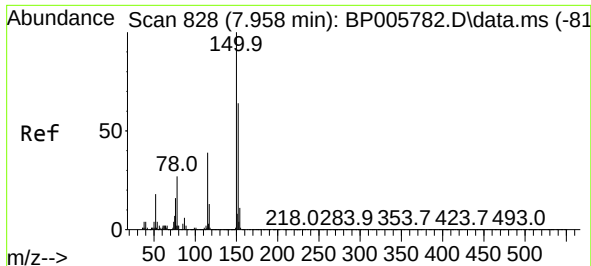
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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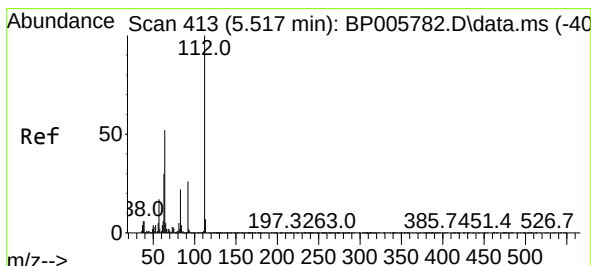
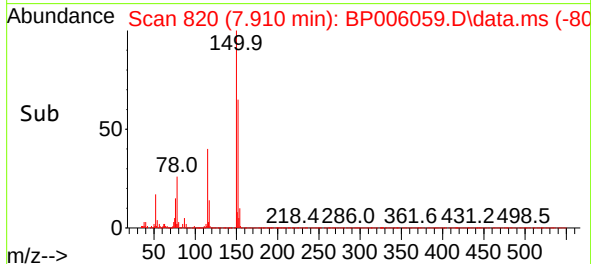
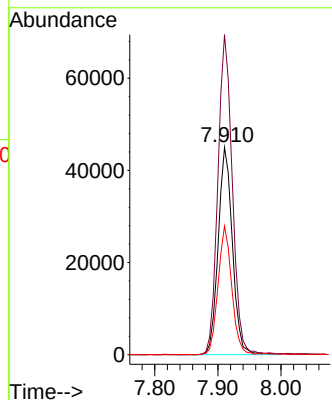
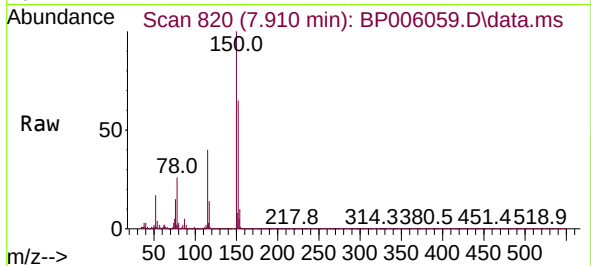




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.910 min Scan# 820
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

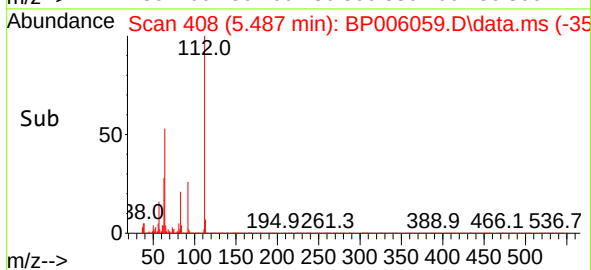
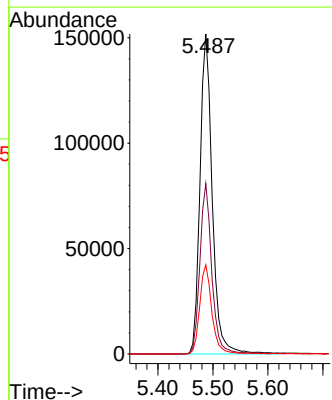
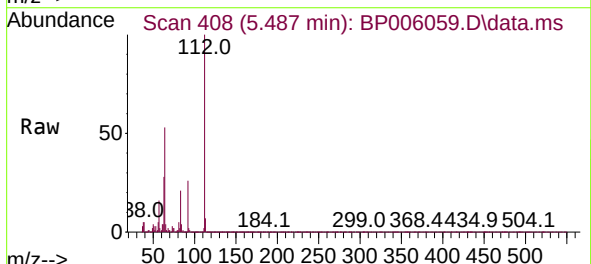
Instrument :
BNA_P
ClientSampleId :
B1-6-8

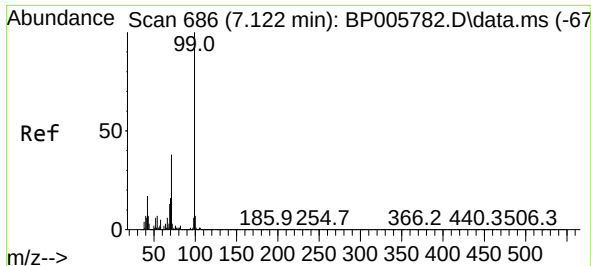
Tgt Ion:152 Resp: 70588
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 62.1 48.5 72.7



#5
2-Fluorophenol
Concen: 53.57 ng
RT: 5.487 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:112 Resp: 235671
Ion Ratio Lower Upper
112 100
64 53.3 41.4 62.2
63 27.9 23.8 35.8

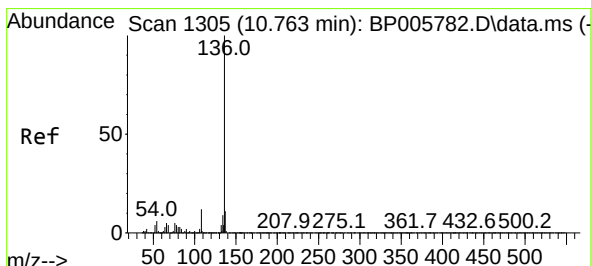
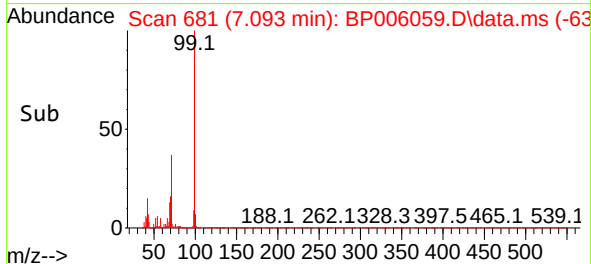
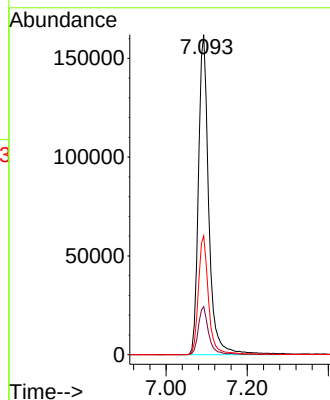
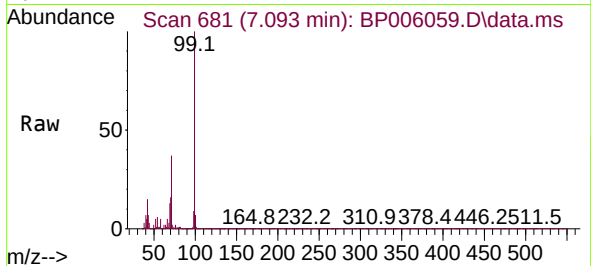




#7
Phenol-d6
Concen: 50.57 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.000 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

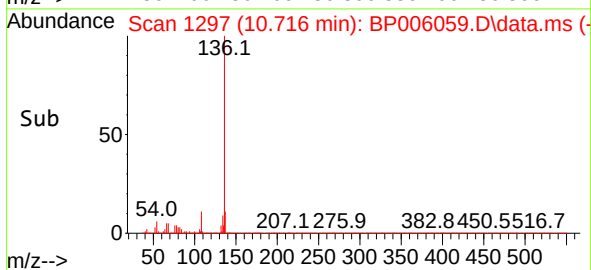
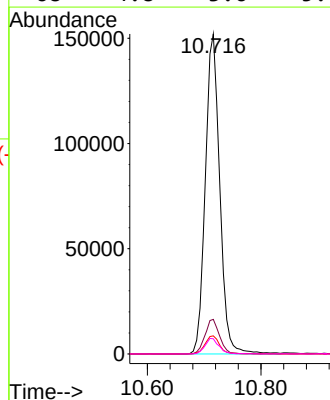
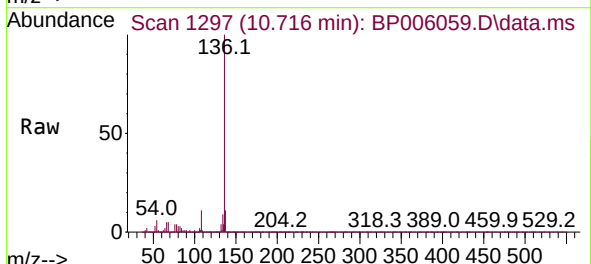
Instrument :
BNA_P
ClientSampleId :
B1-6-8

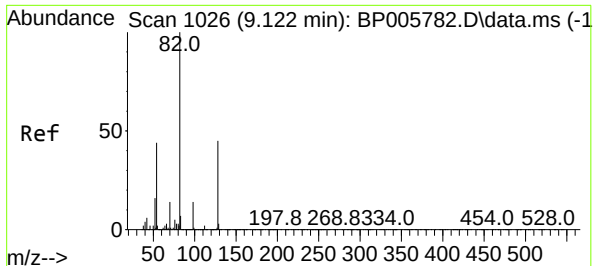
Tgt Ion: 99 Resp: 288324
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 37.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion: 136 Resp: 267490
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 5.6 4.6 6.8
68 4.8 3.6 5.4

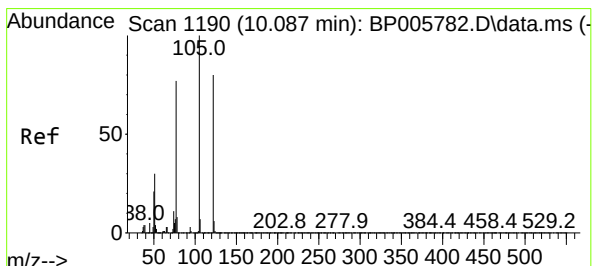
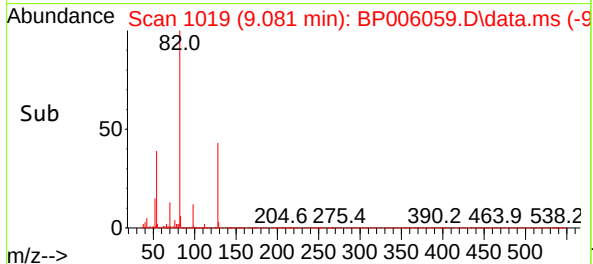
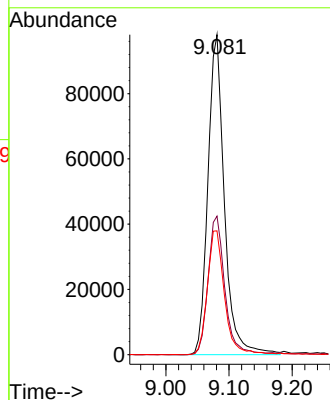
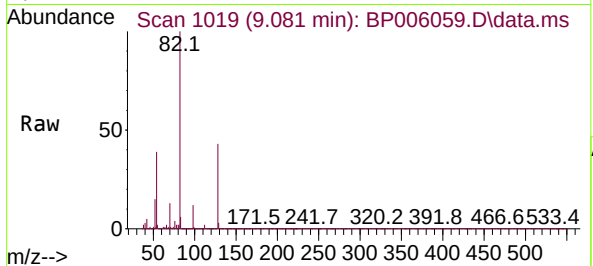




#23
Nitrobenzene-d5
Concen: 32.56 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

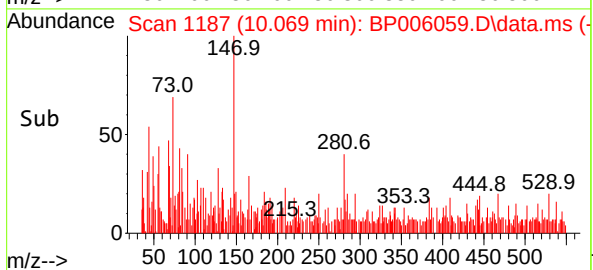
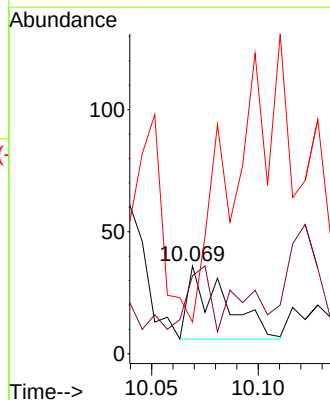
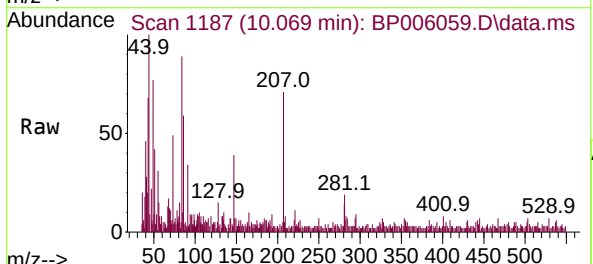
Instrument :
BNA_P
ClientSampled :
B1-6-8

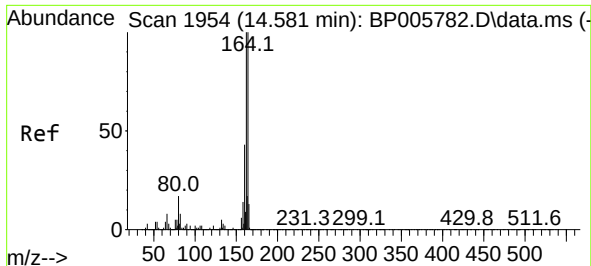
Tgt Ion: 82 Resp: 177648
Ion Ratio Lower Upper
82 100
128 43.3 35.7 53.5
54 38.7 35.0 52.4



#32
Benzoic acid
Concen: 6.33 ng
RT: 10.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion: 122 Resp: 36
Ion Ratio Lower Upper
122 100
105 88.9 103.2 143.2#
77 36.1 76.2 116.2#

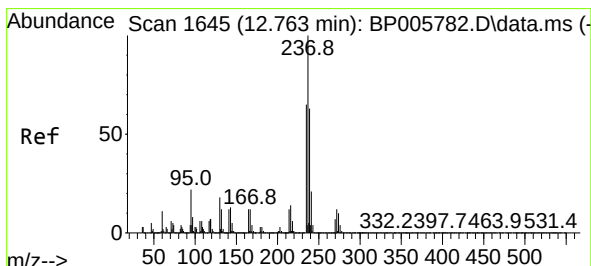
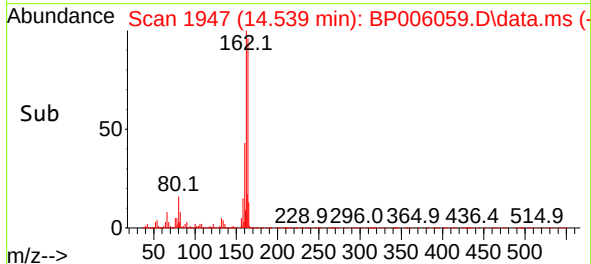
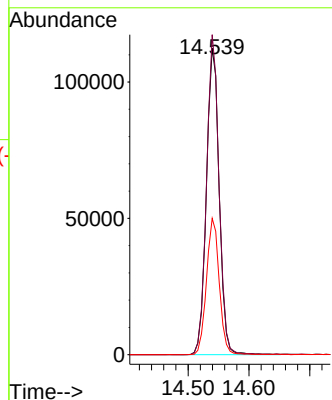
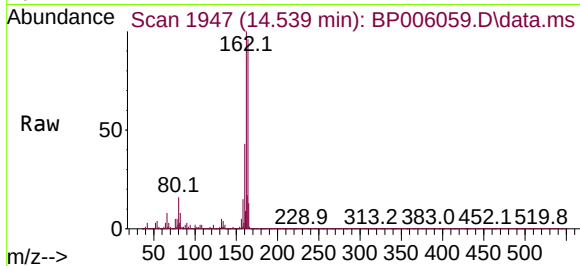




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

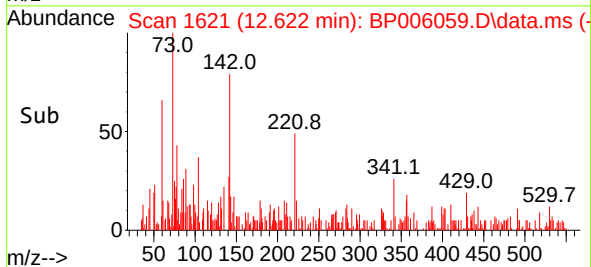
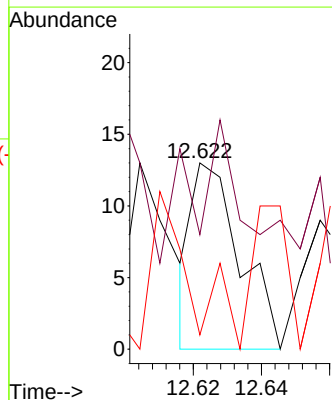
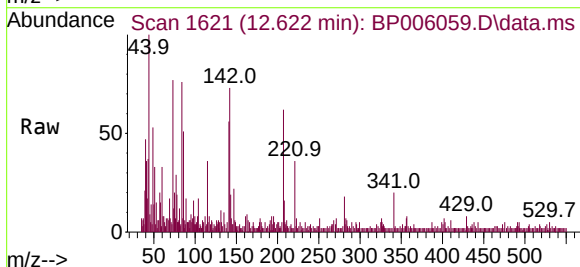
Instrument :
BNA_P
ClientSampleId :
B1-6-8

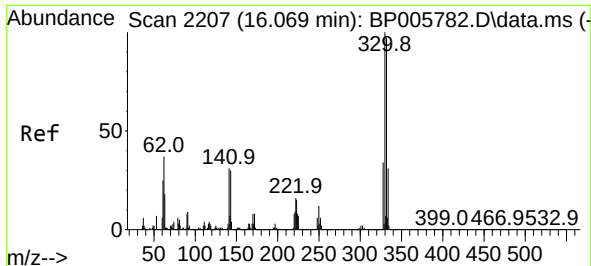
Tgt Ion:164 Resp: 164142
Ion Ratio Lower Upper
164 100
162 104.5 80.2 120.2
160 44.5 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.622 min Scan# 1621
Delta R.T. -0.106 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:237 Resp: 13
Ion Ratio Lower Upper
237 100
235 61.5 44.5 84.5
272 7.7 0.0 32.5

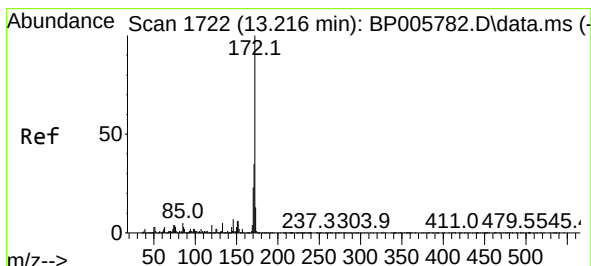
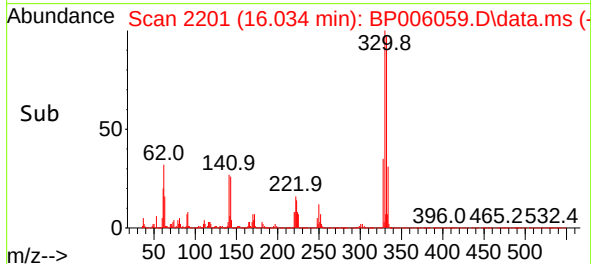
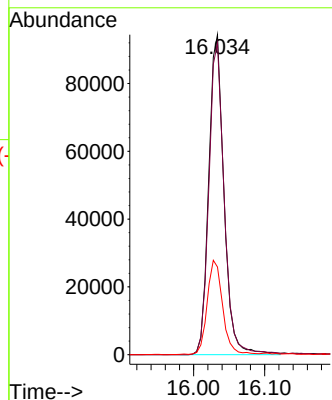
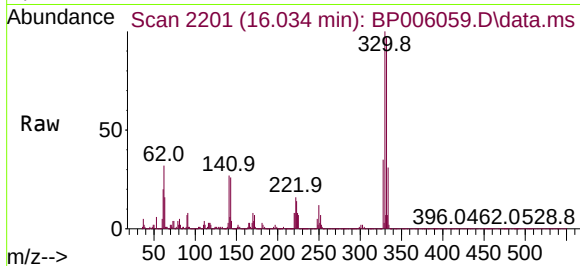




#42
2,4,6-Tribromophenol
Concen: 49.97 ng
RT: 16.034 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

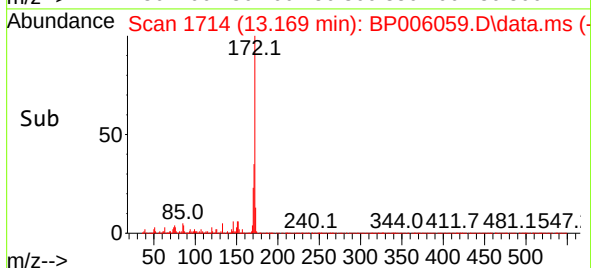
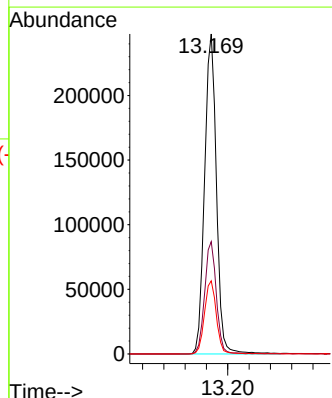
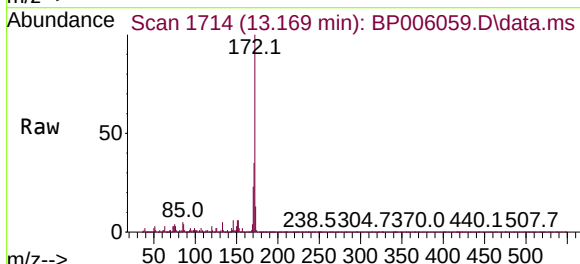
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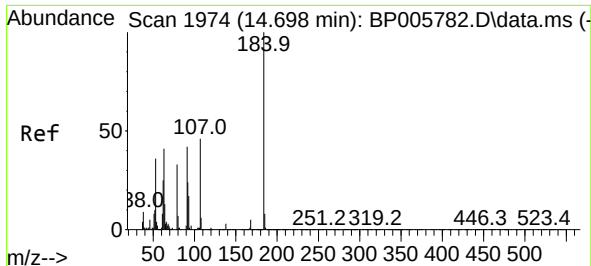
Tgt Ion:330 Resp: 140744
Ion Ratio Lower Upper
330 100
332 98.2 77.8 116.8
141 30.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 30.56 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:172 Resp: 382023
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.9 18.6 27.8

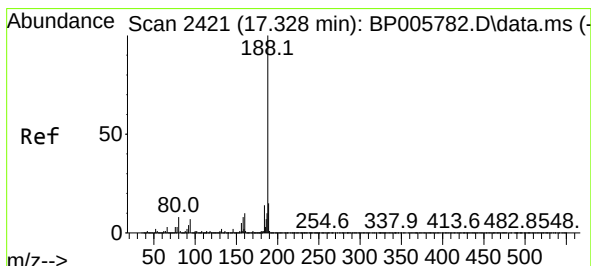
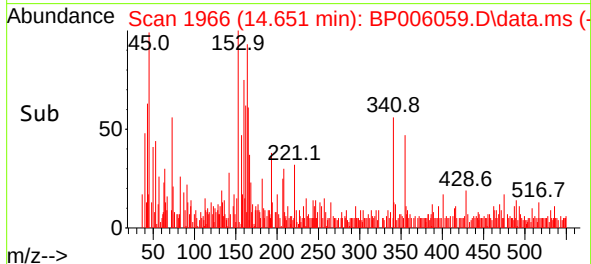
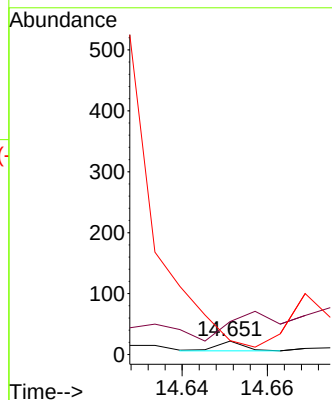
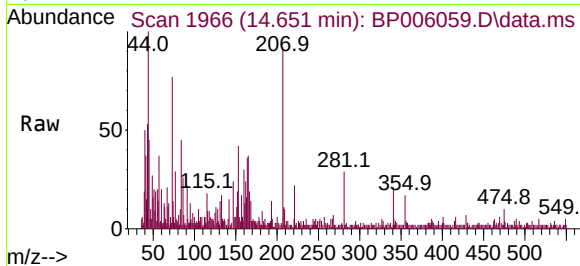




#54
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.024 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

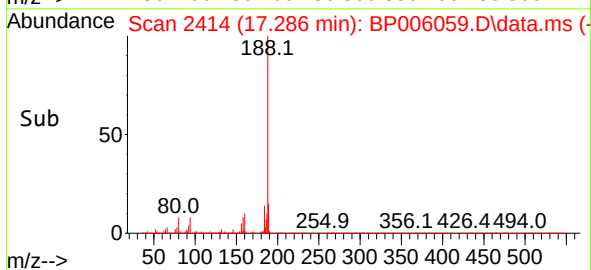
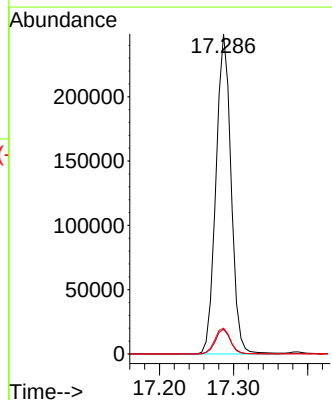
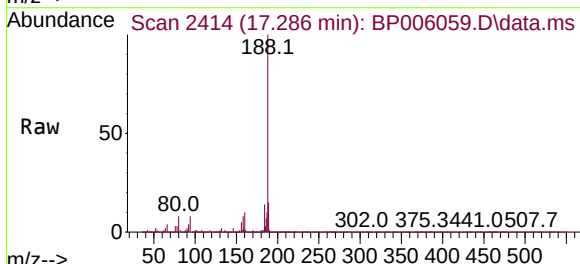
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B1-6-8

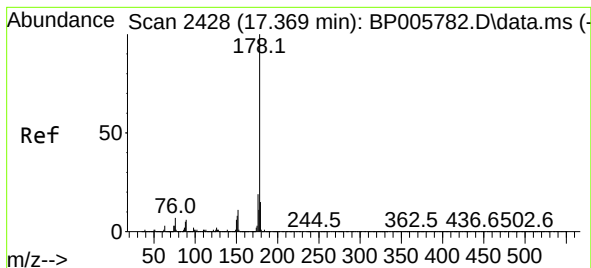
Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 245.5 47.0 70.6#
154 104.5 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:188 Resp: 352269
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 8.1 6.3 9.5

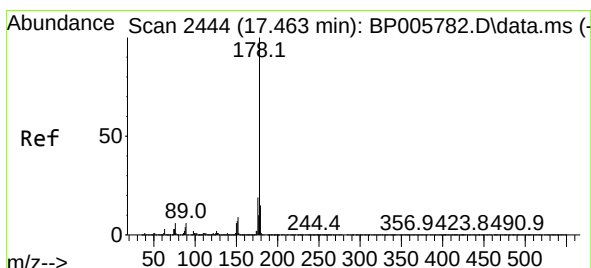
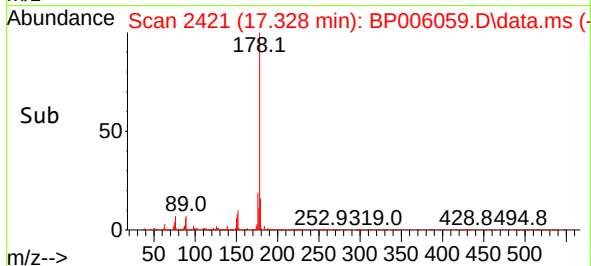
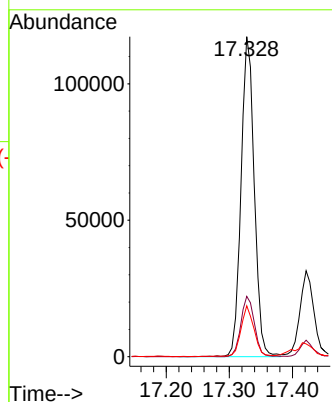
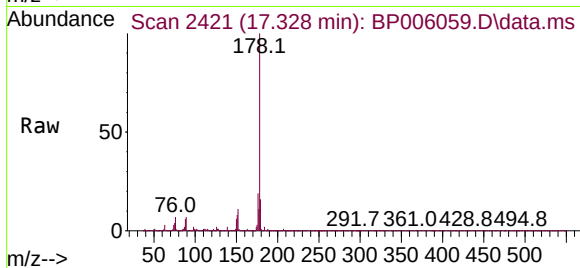




#71
Phenanthrene
Concen: 8.07 ng
RT: 17.328 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

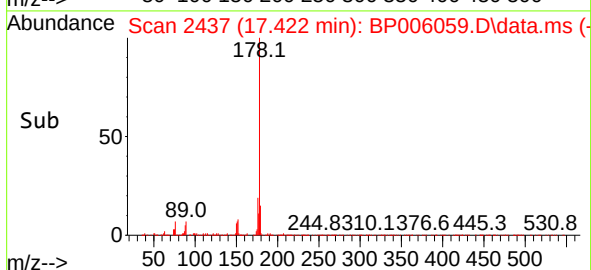
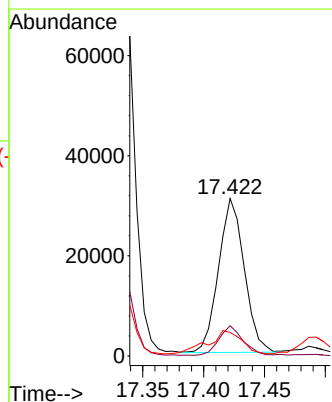
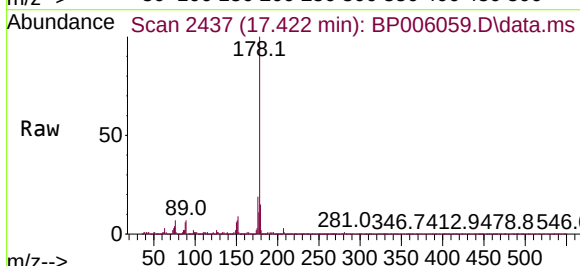
Instrument :
BNA_P
ClientSampled :
B1-6-8

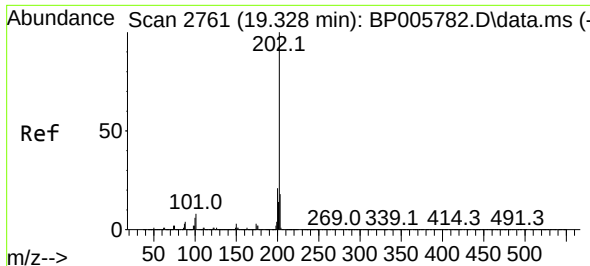
Tgt Ion:178 Resp: 170630
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.9 12.4 18.6



#72
Anthracene
Concen: 2.18 ng
RT: 17.422 min Scan# 2437
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:178 Resp: 45420
Ion Ratio Lower Upper
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176 19.2 14.9 22.3
179 15.0 12.2 18.2

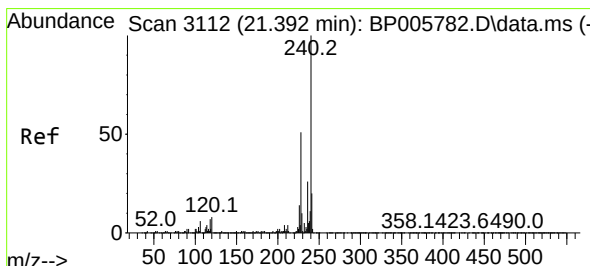
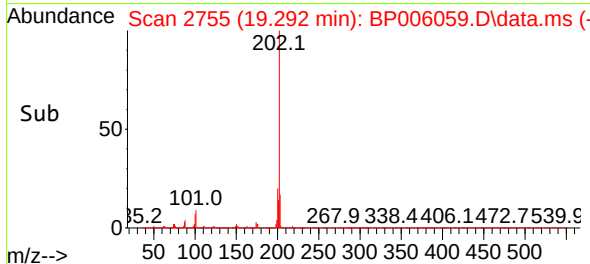
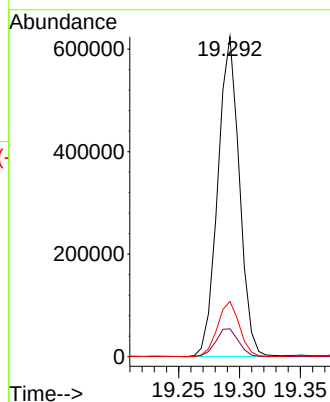
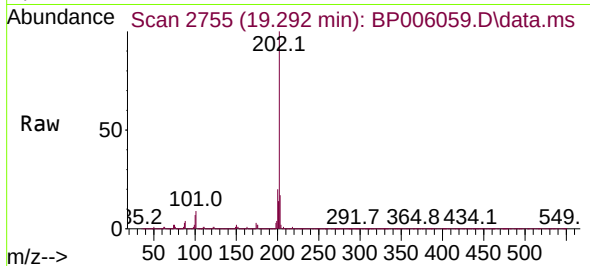




#75
Fluoranthene
Concen: 29.99 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

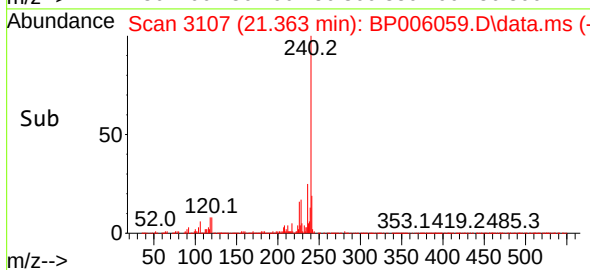
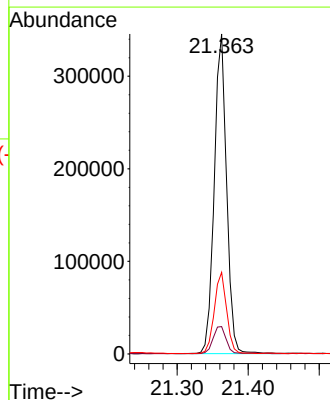
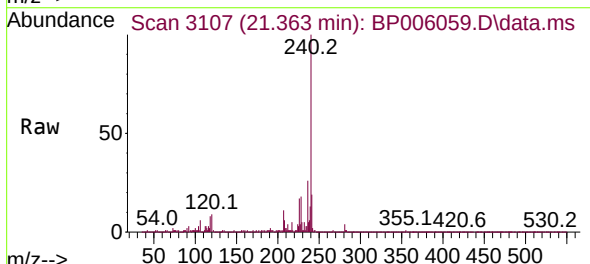
Instrument :
BNA_P
ClientSampleId :
B1-6-8

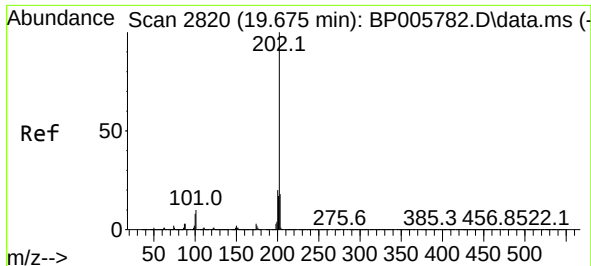
Tgt Ion:	202	Resp:	770364
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	27.6
203	17.3	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:	240	Resp:	415883
Ion Ratio	Lower	Upper	
240	100		
120	8.6	6.5	9.7
236	25.5	20.6	31.0

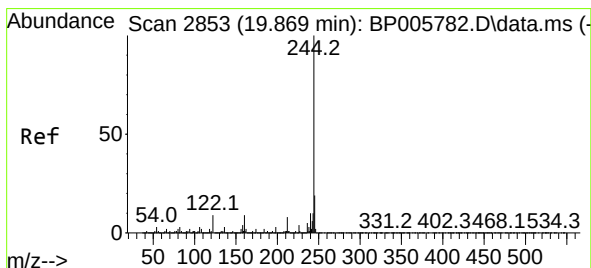
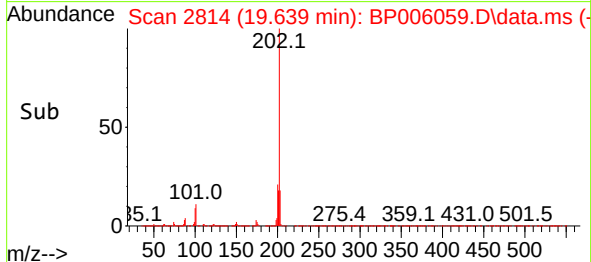
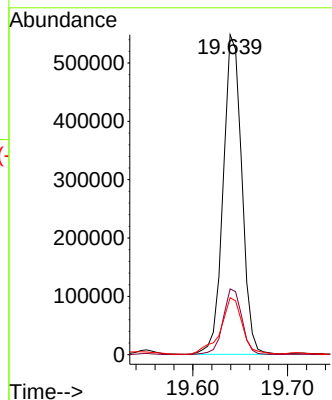
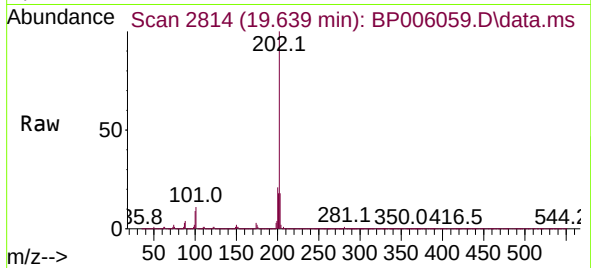




#78
Pyrene
Concen: 25.87 ng
RT: 19.639 min Scan# 2814
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

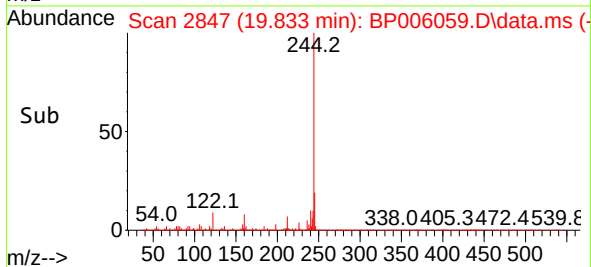
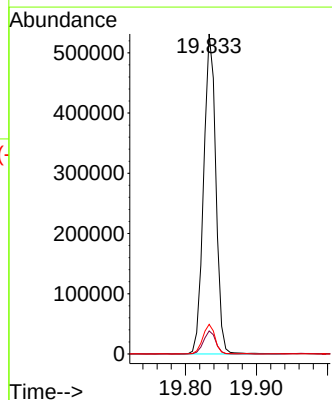
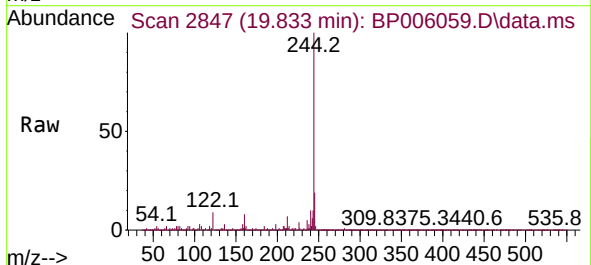
Instrument :
BNA_P
ClientSampleId :
B1-6-8

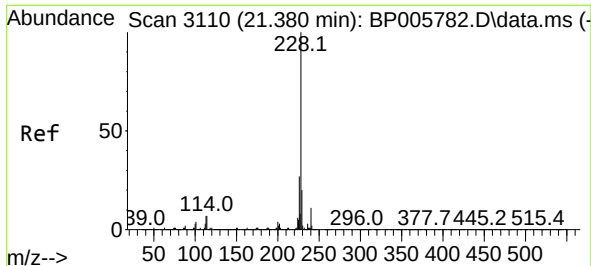
Tgt Ion:202 Resp: 751068
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.8 14.2 21.2



#79
Terphenyl-d14
Concen: 28.69 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:244 Resp: 637140
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.3 7.1 10.7

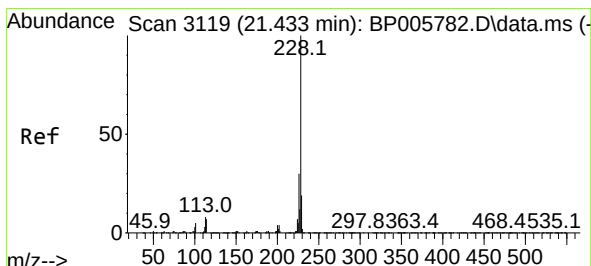
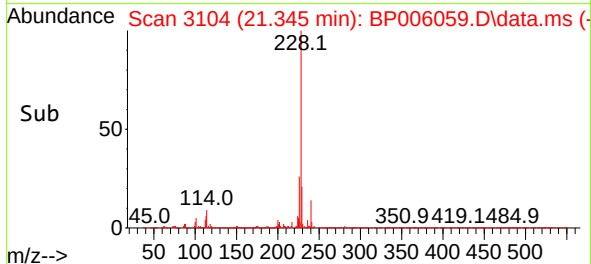
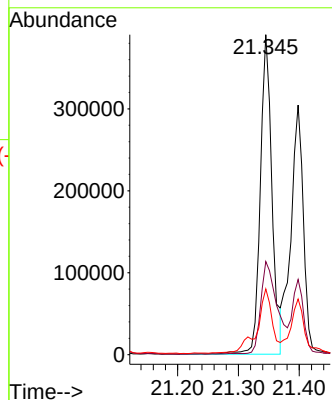
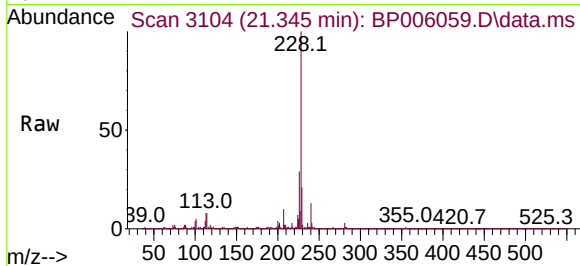




#81
Benzo(a)anthracene
Concen: 17.31 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

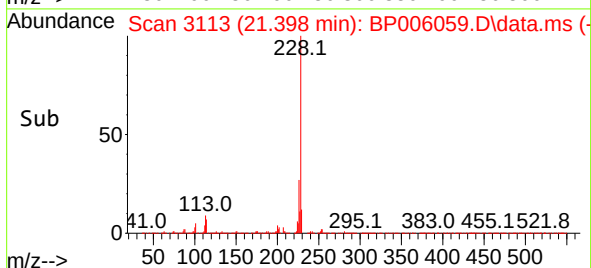
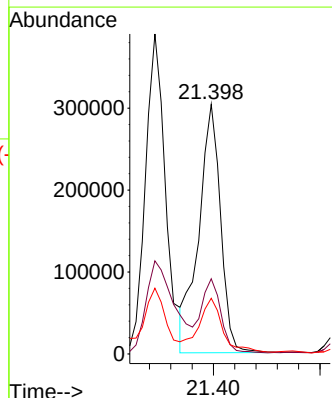
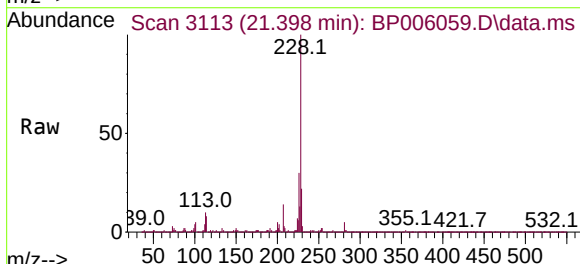
Instrument :
BNA_P
ClientSampled :
B1-6-8

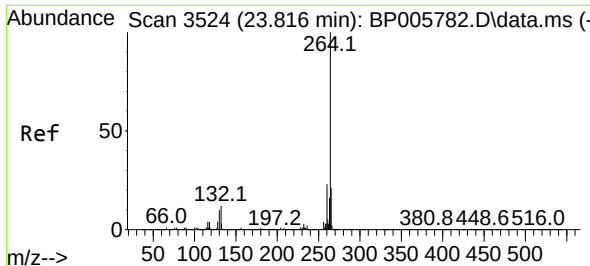
Tgt Ion:228 Resp: 519623
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 20.6 15.8 23.6



#83
Chrysene
Concen: 14.91 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:228 Resp: 433510
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 22.3 15.4 23.2

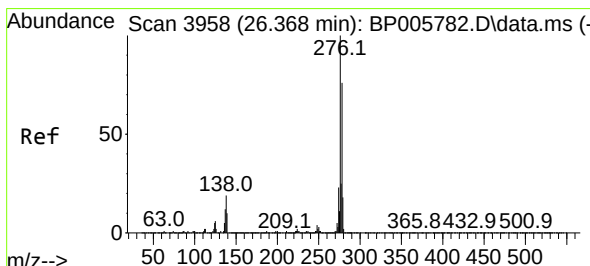
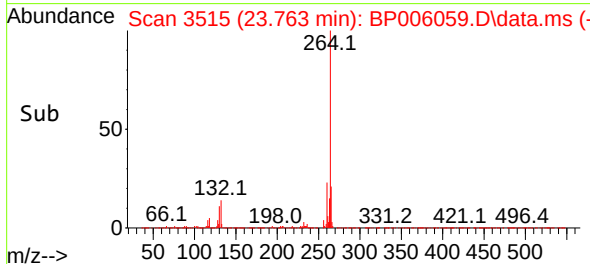
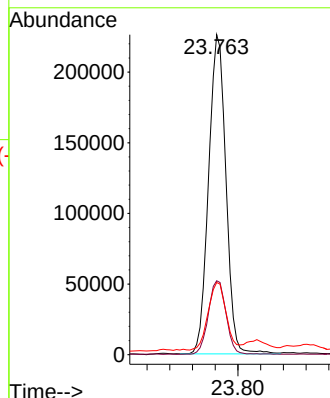
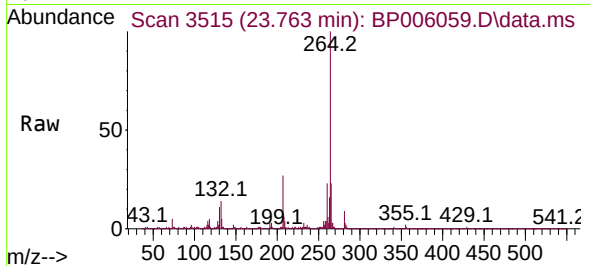




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.763 min Scan# 3515
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

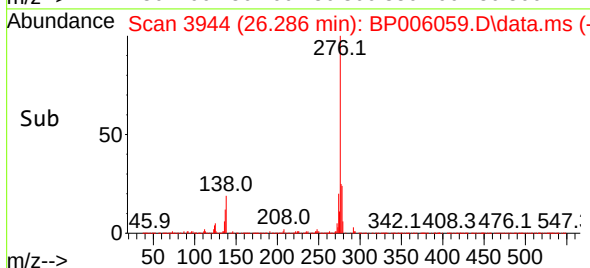
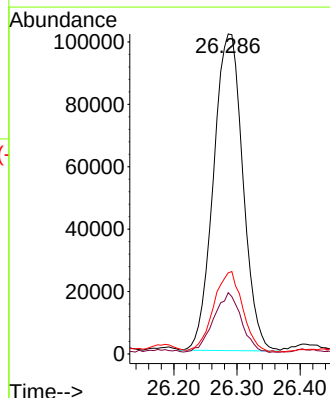
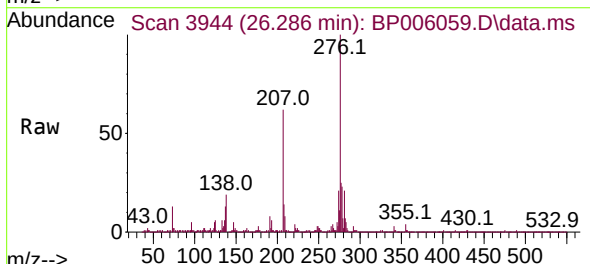
Instrument :
BNA_P
ClientSampled :
B1-6-8

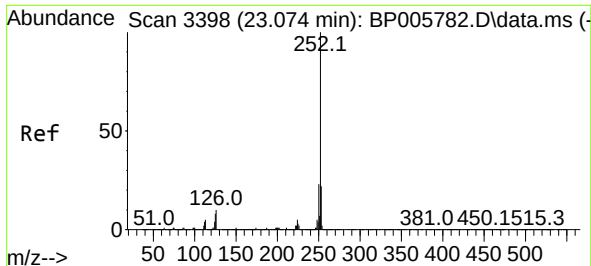
Tgt Ion:264 Resp: 477140
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 22.5 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 8.03 ng
RT: 26.286 min Scan# 3944
Delta R.T. -0.024 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:276 Resp: 327739
Ion Ratio Lower Upper
276 100
138 17.8 15.3 22.9
277 25.4 20.4 30.6

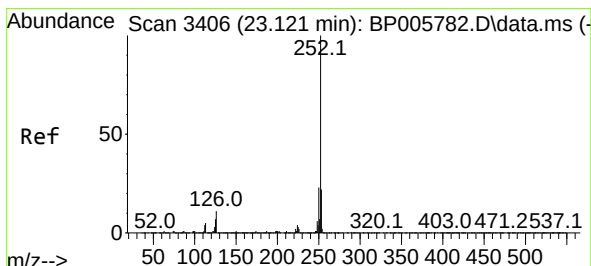
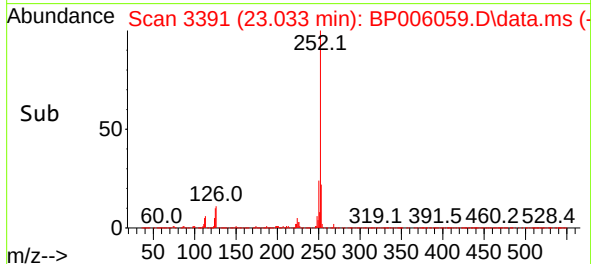
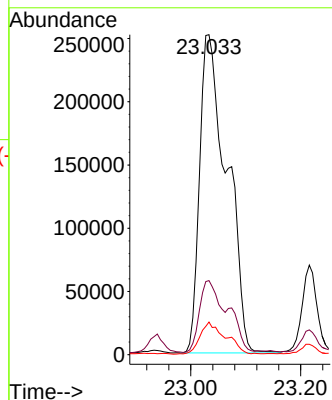
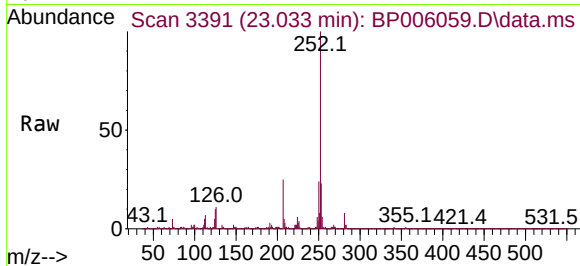




#88
Benzo(b)fluoranthene
Concen: 26.58 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

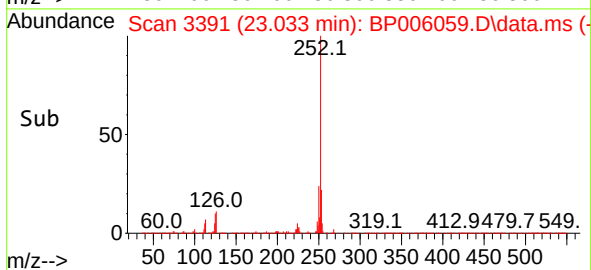
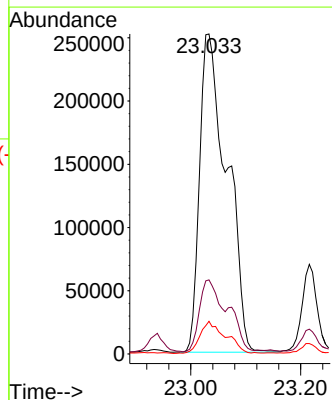
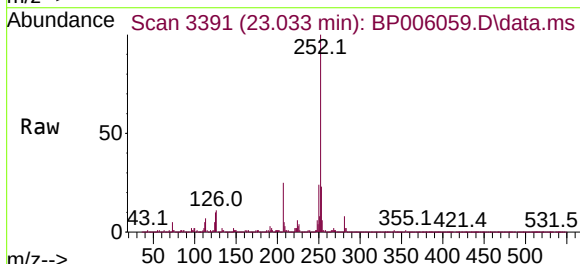
Instrument :
BNA_P
ClientSampled :
B1-6-8

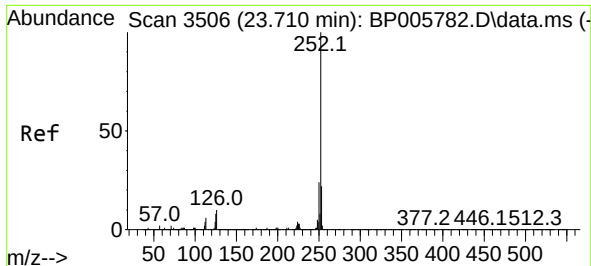
Tgt Ion:252 Resp: 868702
Ion Ratio Lower Upper
252 100
253 23.2 17.5 26.3
125 10.2 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 27.41 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.053 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

Tgt Ion:252 Resp: 868702
Ion Ratio Lower Upper
252 100
253 23.2 17.6 26.4
125 10.2 6.0 9.0#

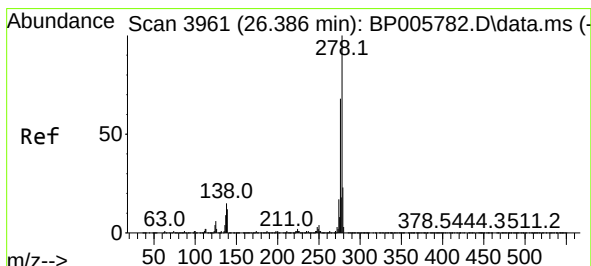
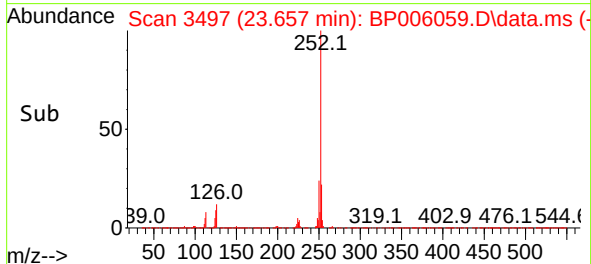
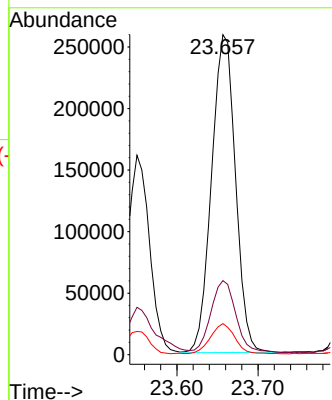
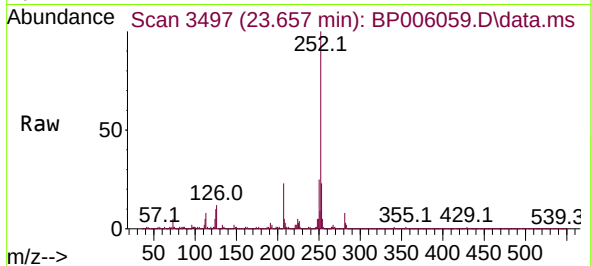




#90
Benzo(a)pyrene
Concen: 17.23 ng
RT: 23.657 min Scan# 3497
Delta R.T. -0.012 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

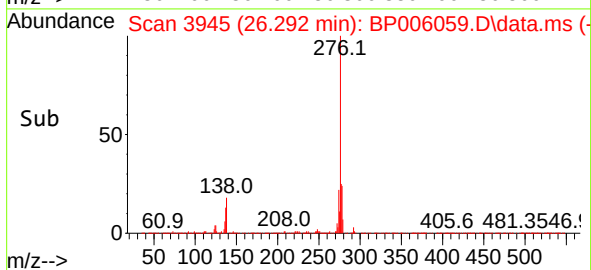
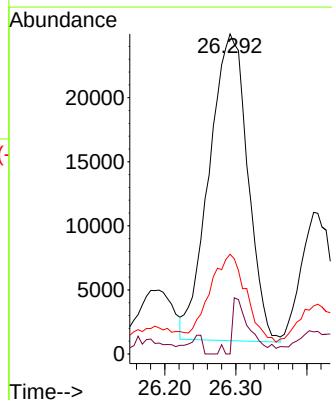
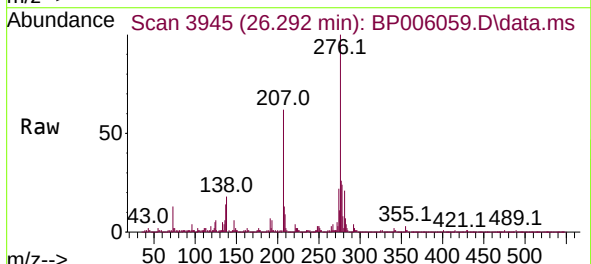
Instrument :
BNA_P
ClientSampled :
B1-6-8

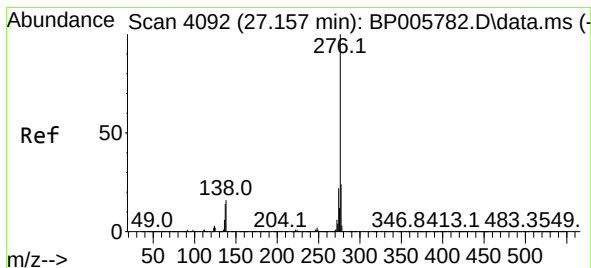
Tgt Ion:252 Resp: 529239
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 9.7 6.5 9.7



#91
Dibenzo(a,h)anthracene
Concen: 2.57 ng
RT: 26.292 min Scan# 3945
Delta R.T. -0.030 min
Lab File: BP006059.D
Acq: 24 Jun 2021 18:37

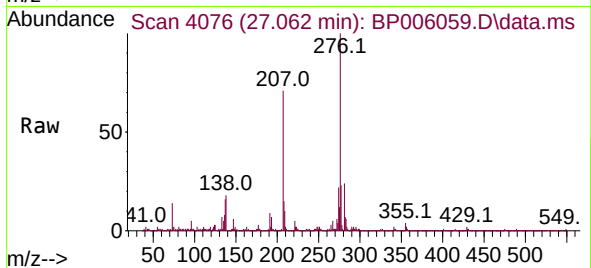
Tgt Ion:278 Resp: 90255
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 31.1 18.8 28.2#





#92
 Benzo(g,h,i)perylene
 Concen: 8.76 ng
 RT: 27.062 min Scan# 4076
 Delta R.T. -0.024 min
 Lab File: BP006059.D
 Acq: 24 Jun 2021 18:37

Instrument :
 BNA_P
 ClientSampleId :
 B1-6-8



Tgt Ion:276 Resp: 303948
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.9 28.3
 138 17.5 12.6 18.8

