

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005718.D
 Acq On : 04 Jun 2021 18:51
 Operator : CG/JU
 Sample : M2589-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B9(4-6)

Quant Time: Jun 05 02:31:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

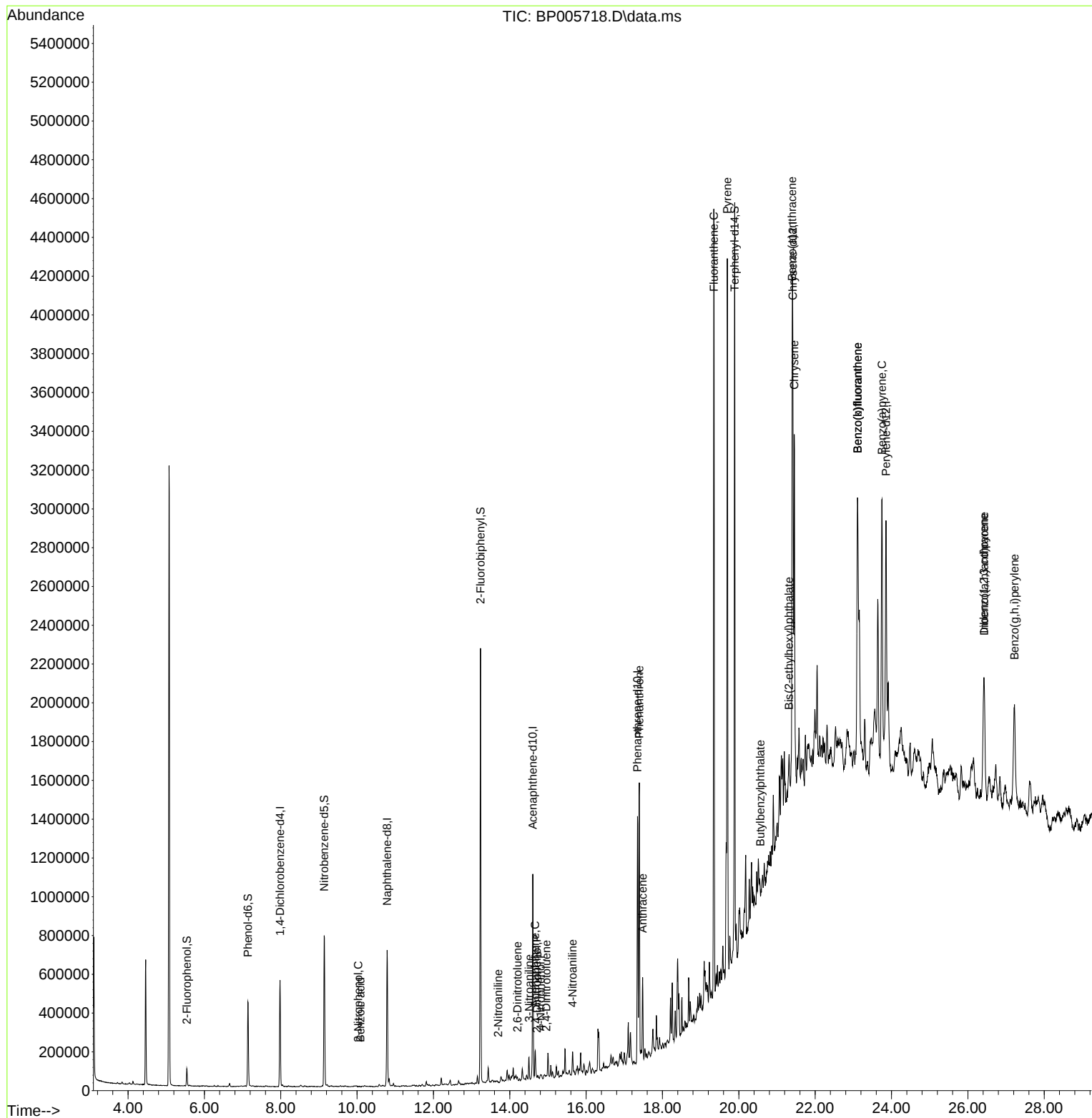
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	147330	20.00	ng	-0.01
21) Naphthalene-d8	10.787	136	585803	20.00	ng	-0.01
39) Acenaphthene-d10	14.604	164	365758	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	776394	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	777428	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	894282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	38634	4.08	ng	0.00
7) Phenol-d6	7.140	99	254418	19.69	ng	0.00
23) Nitrobenzene-d5	9.140	82	459148	43.59	ng	-0.01
42) 2,4,6-Tribromophenol	16.092	330	3796	0.81	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1088714	39.39	ng	0.00
79) Terphenyl-d14	19.892	244	1690757	40.81	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	10.034	139	139	4.18	ng	90
32) Benzoic acid	10.087	122	90	5.03	ng	# 49
48) 2-Nitroaniline	13.698	65	97	4.50	ng	# 59
51) 2,6-Dinitrotoluene	14.198	165	203	5.09	ng	# 79
52) Acenaphthene	14.663	154	50799	2.08	ng	94
53) 3-Nitroaniline	14.510	138	309	3.70	ng	# 33
54) 2,4-Dinitrophenol	14.710	184	53	6.55	ng	# 1
56) 4-Nitrophenol	14.804	139	1469	4.00	ng	# 41
57) 2,4-Dinitrotoluene	14.957	165	316	4.30	ng	# 56
62) 4-Nitroaniline	15.645	138	373	3.68	ng	# 28
71) Phenanthrene	17.392	178	883372	18.26	ng	100
72) Anthracene	17.481	178	269103	5.63	ng	99
75) Fluoranthene	19.345	202	2419420	41.67	ng	96
78) Pyrene	19.698	202	2185398	39.84	ng	99
80) Butylbenzylphthalate	20.563	149	4099	4.30	ng	87
81) Benzo(a)anthracene	21.398	228	1110804	19.47	ng	97
83) Chrysene	21.451	228	992168	17.96	ng	96
84) Bis(2-ethylhexyl)phtha...	21.316	149	67021	2.16	ng	100
87) Indeno(1,2,3-cd)pyrene	26.421	276	723819	9.51	ng	# 94
88) Benzo(b)fluoranthene	23.110	252	1385181	21.35	ng	# 95
89) Benzo(k)fluoranthene	23.110	252	1385181	22.53	ng	# 93
90) Benzo(a)pyrene	23.751	252	989757	16.77	ng	# 95
91) Dibenzo(a,h)anthracene	26.427	278	190923	2.89	ng	# 78
92) Benzo(g,h,i)perylene	27.221	276	711371	11.17	ng	# 94

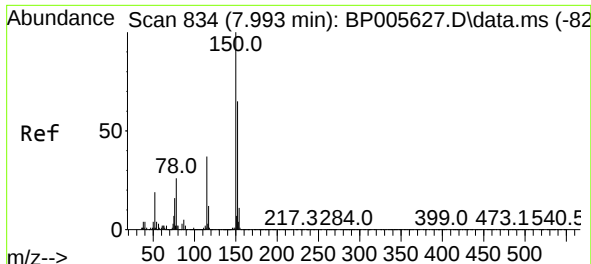
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
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Quant Time: Jun 05 02:31:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
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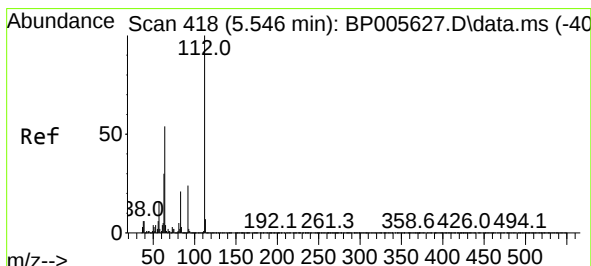
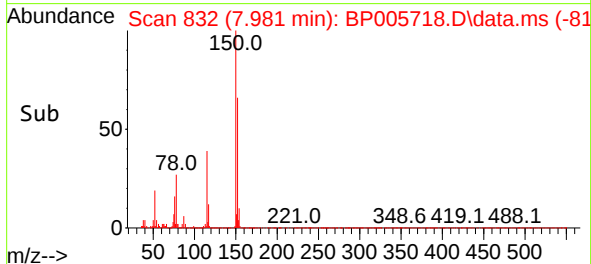
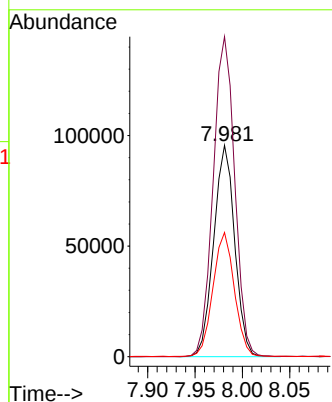
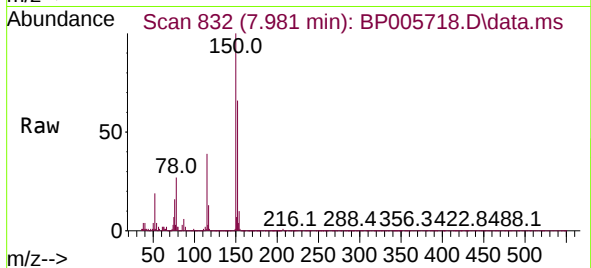




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

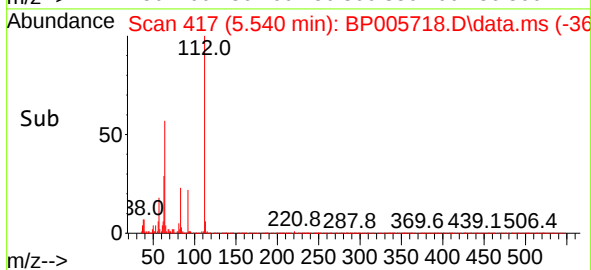
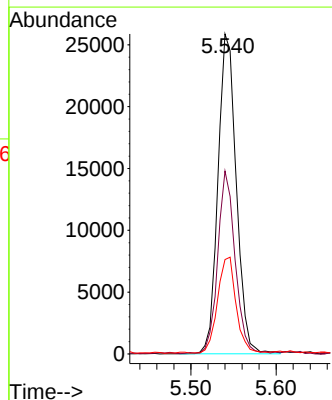
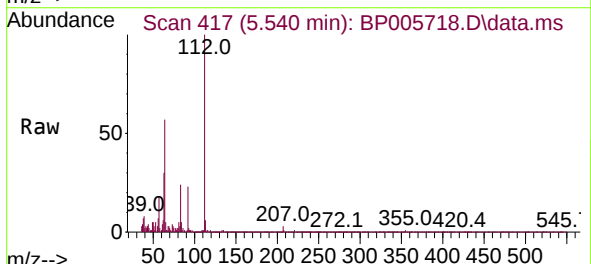
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

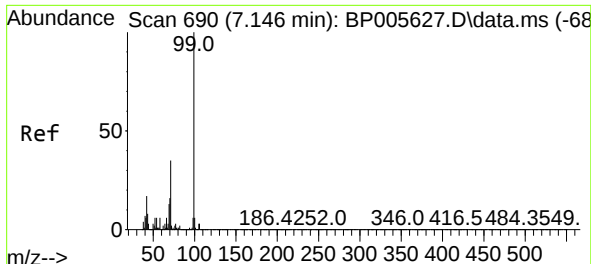
Tgt Ion:152 Resp: 147330
Ion Ratio Lower Upper
152 100
150 151.4 119.8 179.8
115 58.8 49.0 73.4



#5
2-Fluorophenol
Concen: 4.08 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:112 Resp: 38634
Ion Ratio Lower Upper
112 100
64 57.1 33.6 50.4#
63 29.5 18.6 27.8#

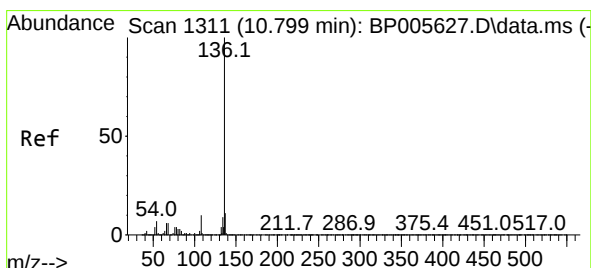
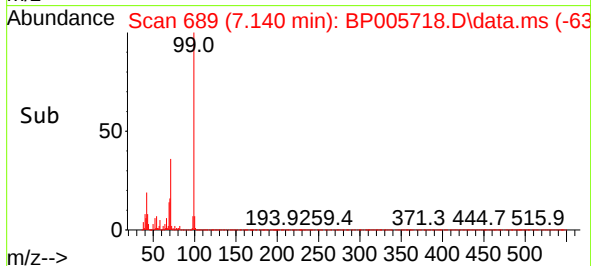
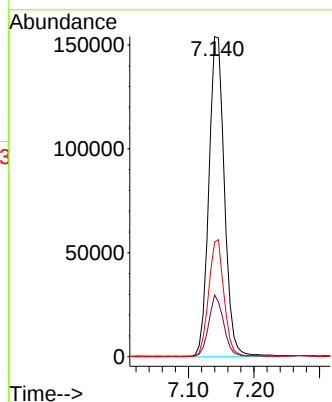
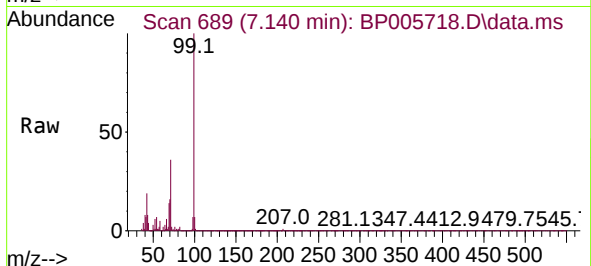




#7
Phenol-d6
Concen: 19.69 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

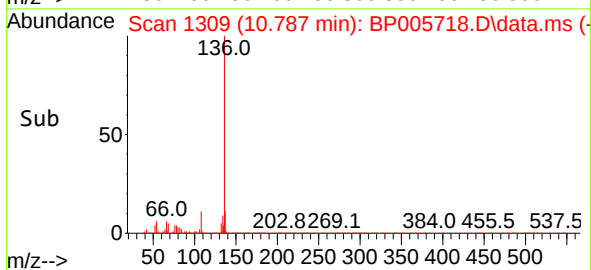
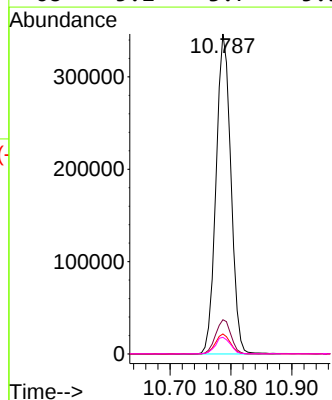
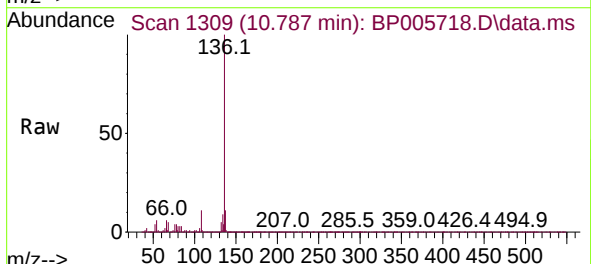
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

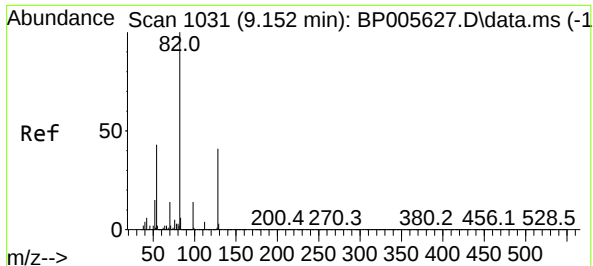
Tgt Ion:	99	Resp:	254418
Ion	Ratio	Lower	Upper
99	100		
42	19.3	12.9	19.3
71	35.9	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:	136	Resp:	585803
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.3	5.0	7.4
68	5.2	3.7	5.5

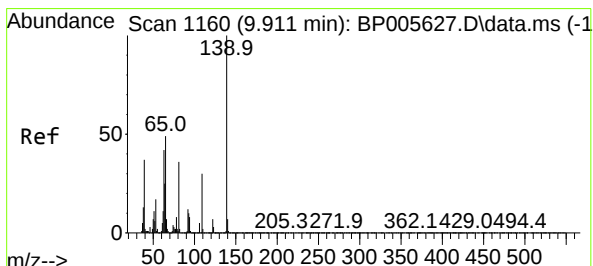
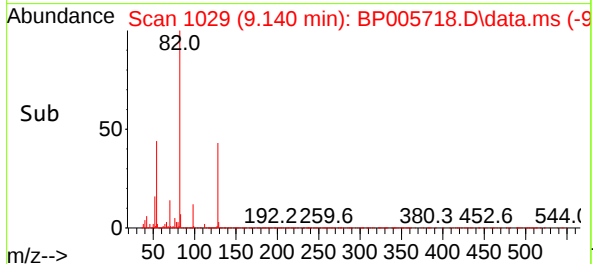
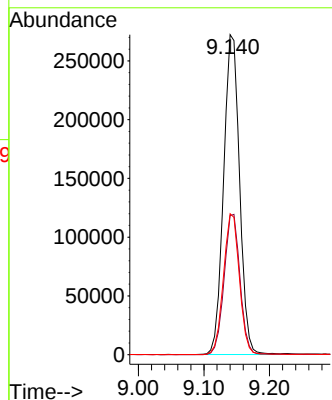
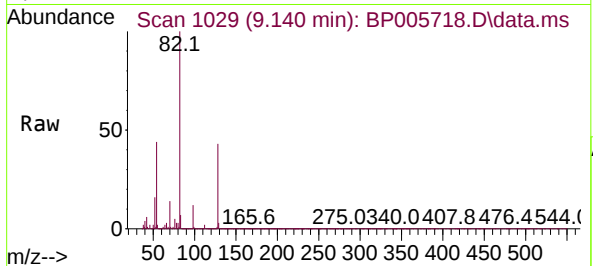




#23
Nitrobenzene-d5
Concen: 43.59 ng
RT: 9.140 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

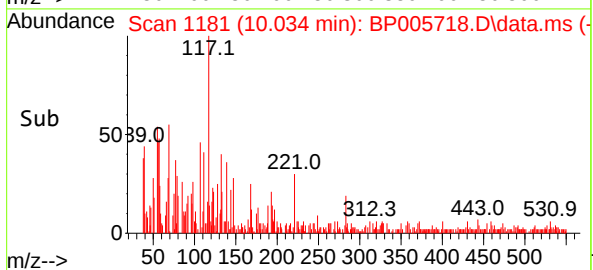
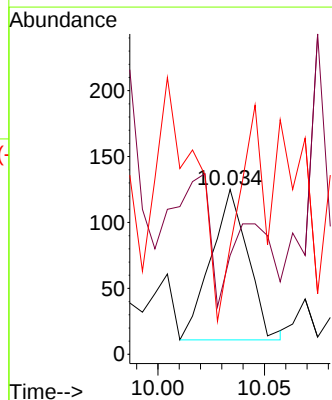
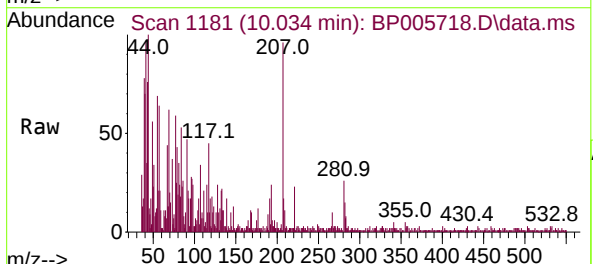
Instrument :
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ClientSampleId :
18-B9(4-6)

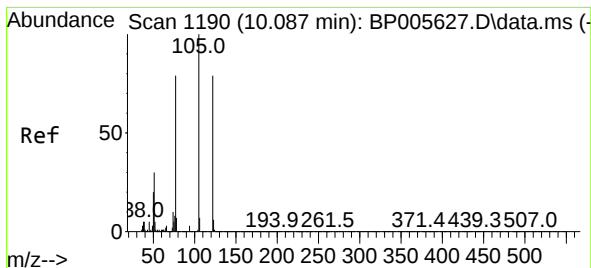
Tgt Ion: 82 Resp: 459148
Ion Ratio Lower Upper
82 100
128 43.4 30.5 45.7
54 44.1 33.9 50.9



#26
2-Nitrophenol
Concen: 4.18 ng
RT: 10.034 min Scan# 1181
Delta R.T. 0.123 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion: 139 Resp: 139
Ion Ratio Lower Upper
139 100
109 60.0 40.7 61.1
65 65.6 47.8 71.6

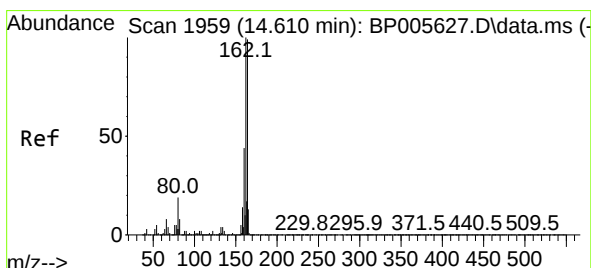
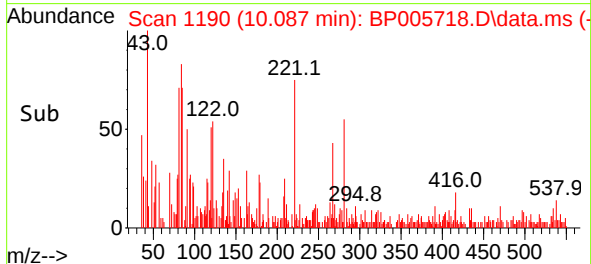
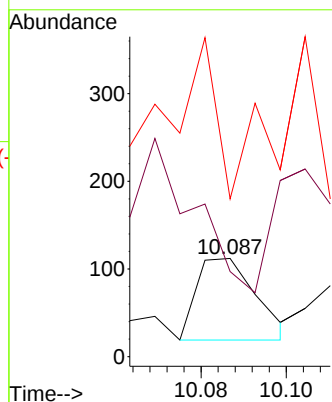
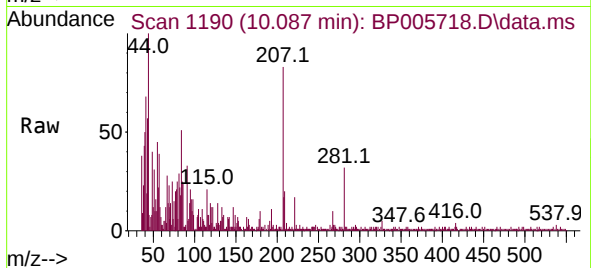




#32
Benzoic acid
Concen: 5.03 ng
RT: 10.087 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

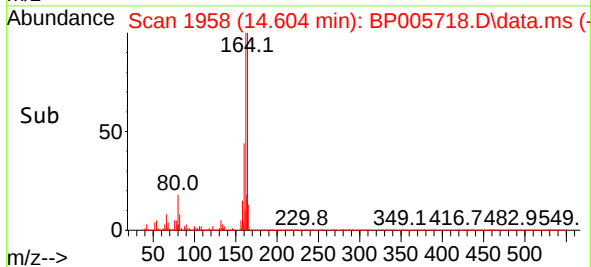
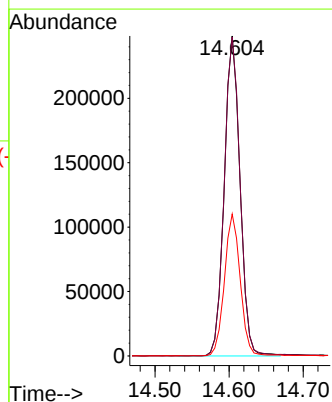
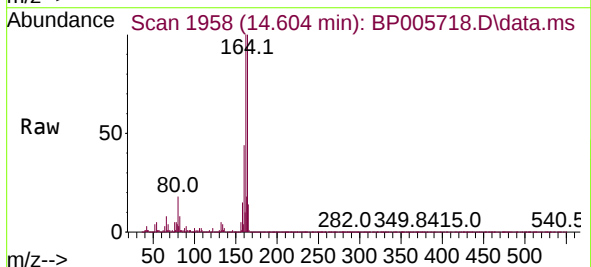
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BNA_P
ClientSampleId :
18-B9(4-6)

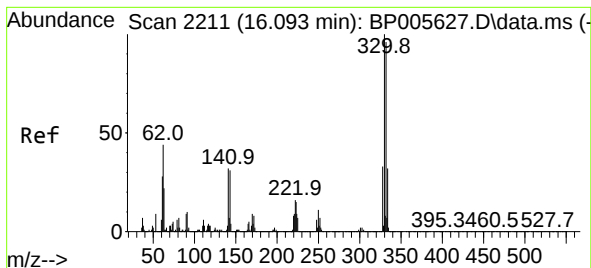
Tgt Ion:122 Resp: 90
Ion Ratio Lower Upper
122 100
105 86.6 105.1 145.1#
77 160.7 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:164 Resp: 365758
Ion Ratio Lower Upper
164 100
162 99.6 73.5 110.3
160 44.4 40.6 61.0

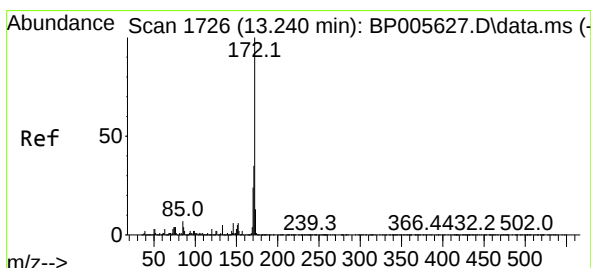
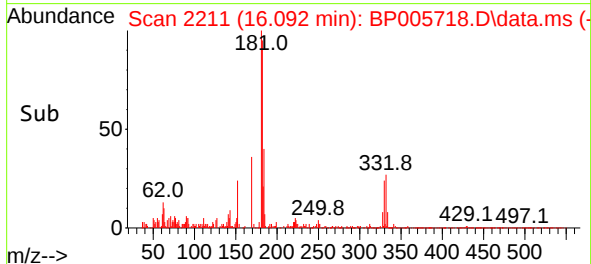
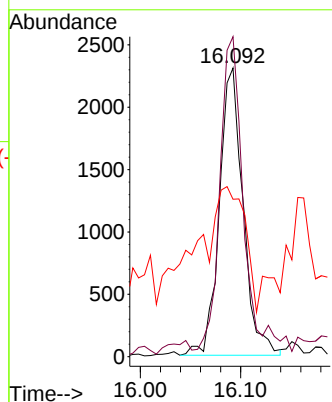
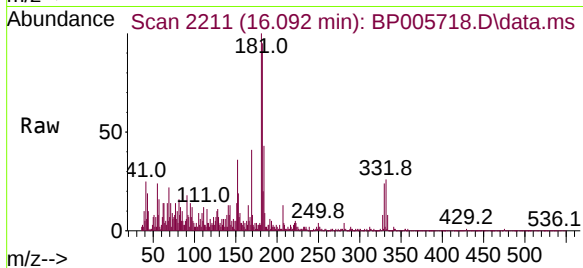




#42
2,4,6-Tribromophenol
Concen: 0.81 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

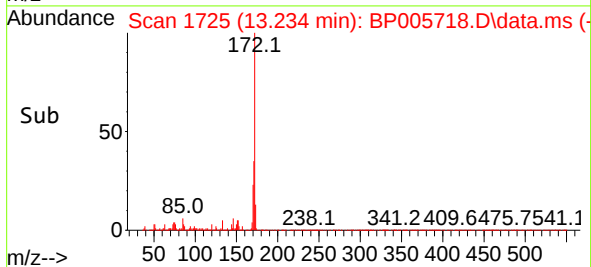
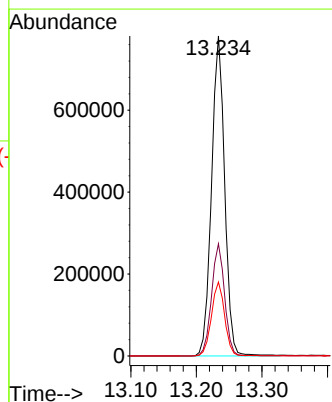
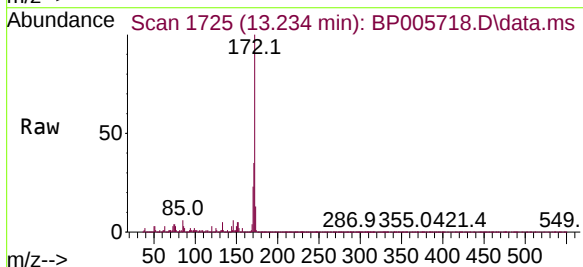
Instrument :
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ClientSampleId :
18-B9(4-6)

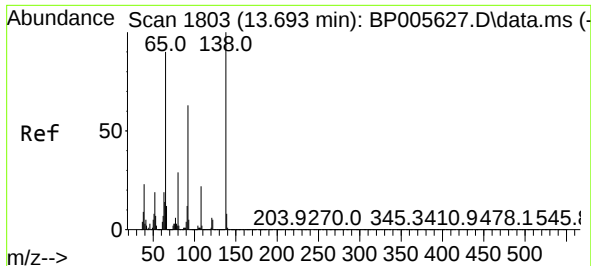
Tgt Ion:330 Resp: 3796
Ion Ratio Lower Upper
330 100
332 108.5 76.3 114.5
141 90.1 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 39.39 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:172 Resp: 1088714
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.1 19.6 29.4

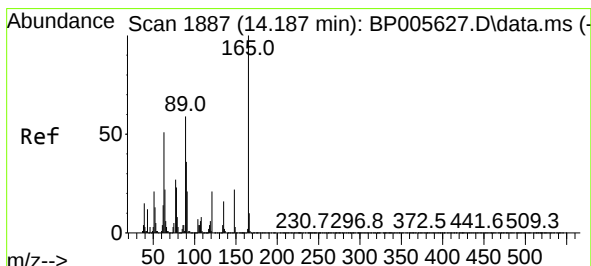
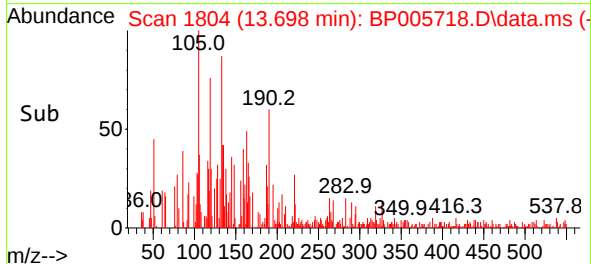
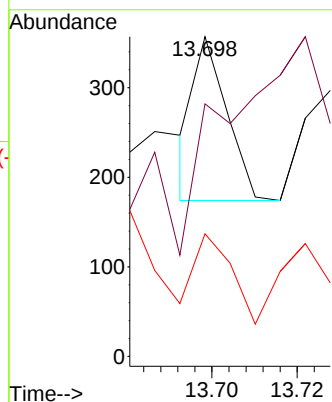
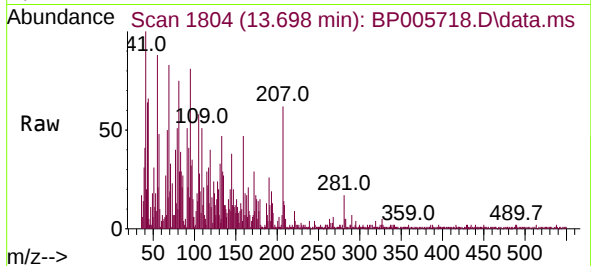




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.698 min Scan# 1804
Delta R.T. 0.005 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

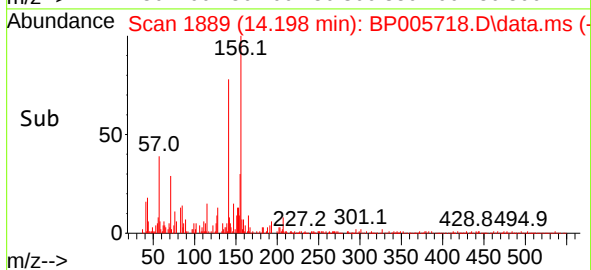
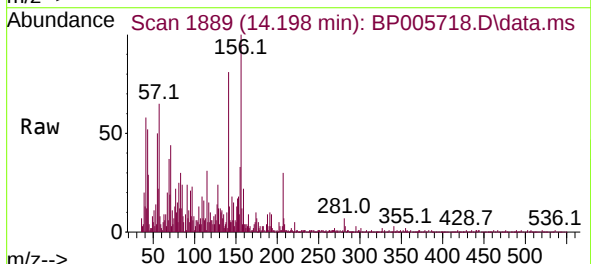
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BNA_P
ClientSampleId :
18-B9(4-6)

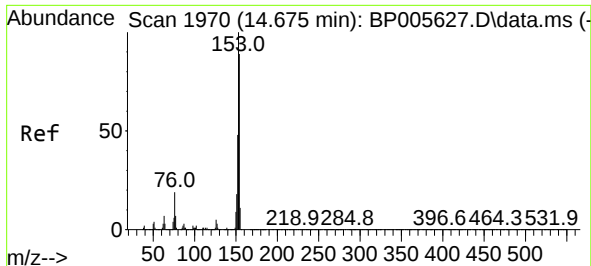
Tgt Ion: 65 Resp: 97
Ion Ratio Lower Upper
65 100
92 79.0 48.8 73.2#
138 38.4 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.09 ng
RT: 14.198 min Scan# 1889
Delta R.T. 0.011 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion: 165 Resp: 203
Ion Ratio Lower Upper
165 100
63 111.1 67.4 101.0#
89 105.5 73.8 110.6

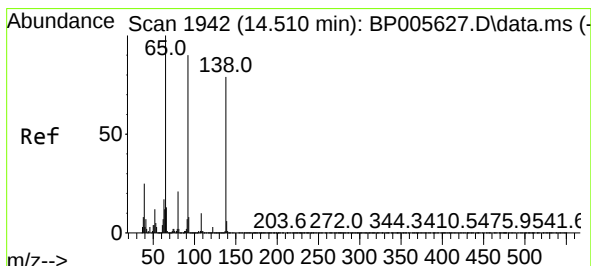
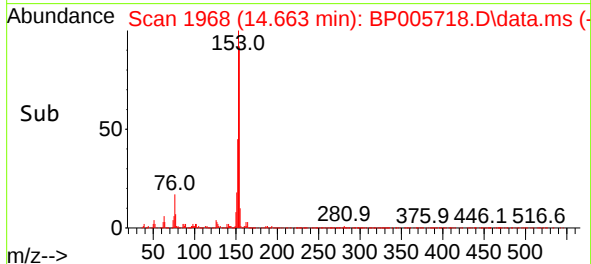
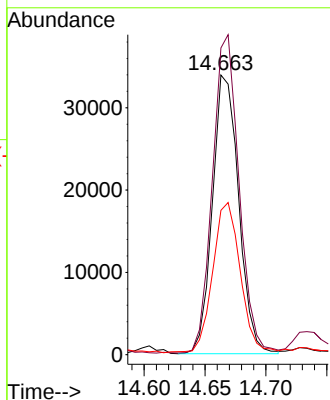
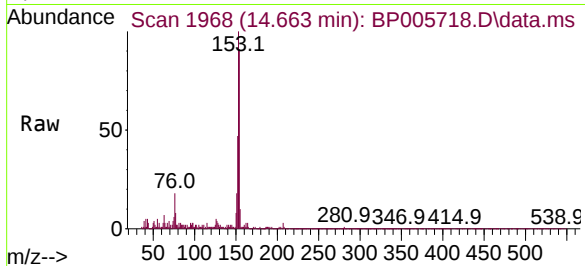




#52
Acenaphthene
Concen: 2.08 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

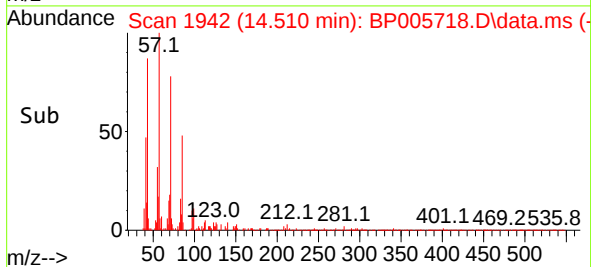
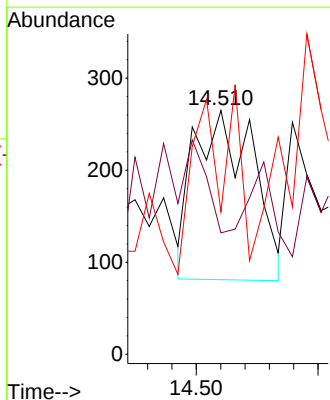
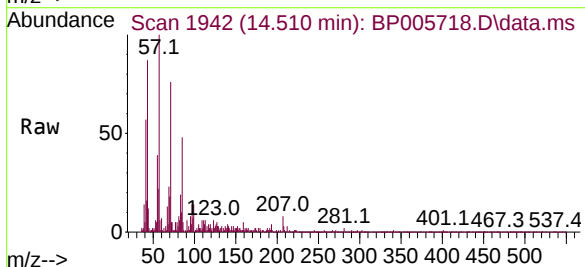
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18-B9(4-6)

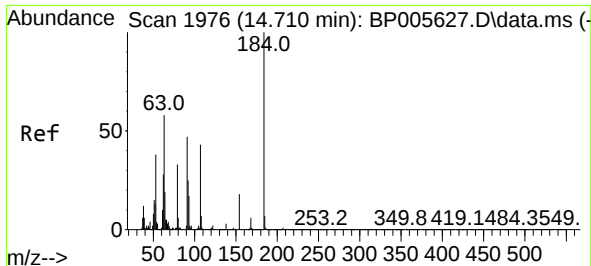
Tgt Ion:154 Resp: 50799
Ion Ratio Lower Upper
154 100
153 109.7 90.9 136.3
152 51.6 48.5 72.7



#53
3-Nitroaniline
Concen: 3.70 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:138 Resp: 309
Ion Ratio Lower Upper
138 100
108 49.8 10.2 15.4#
92 58.5 108.1 162.1#

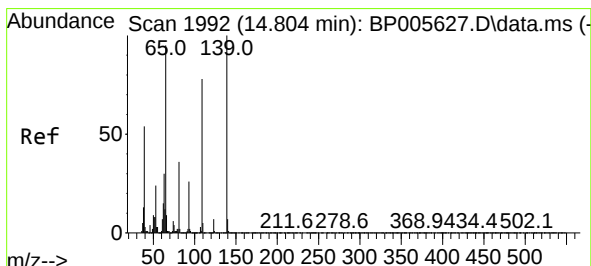
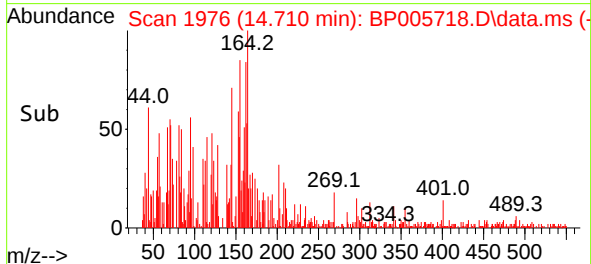
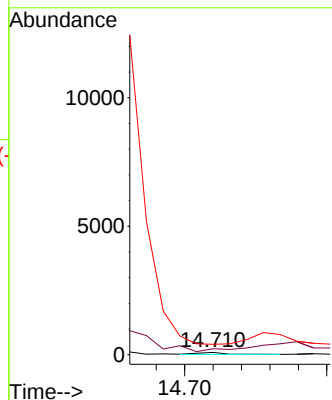
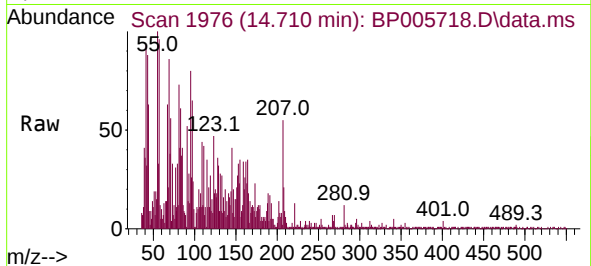




#54
2,4-Dinitrophenol
Concen: 6.55 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

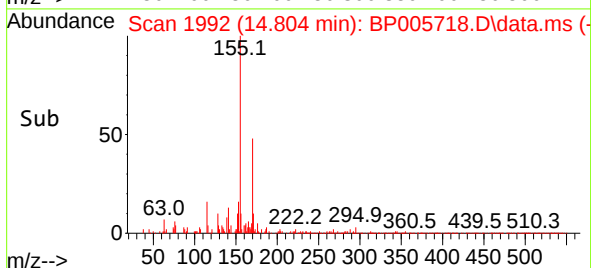
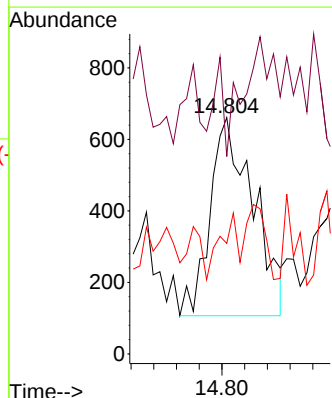
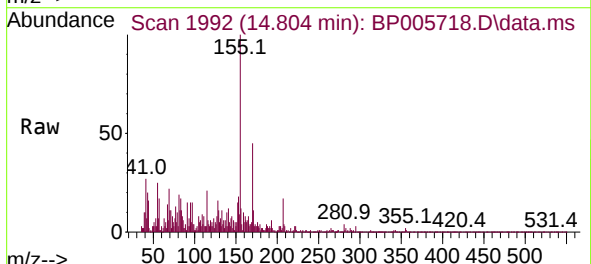
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

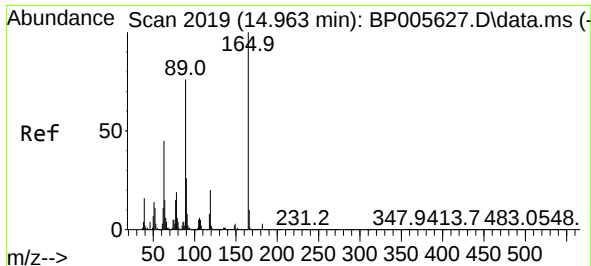
Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 325.3 51.2 76.8#
154 463.2 55.8 83.8#



#56
4-Nitrophenol
Concen: 4.00 ng
RT: 14.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:139 Resp: 1469
Ion Ratio Lower Upper
139 100
109 83.5 122.8 162.8#
65 46.7 110.0 150.0#

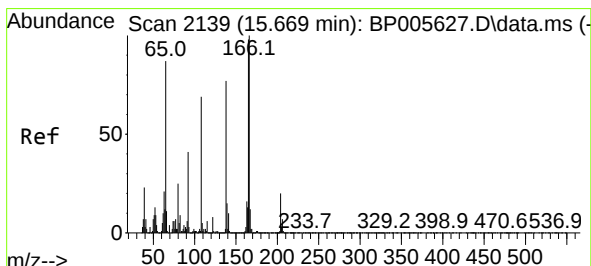
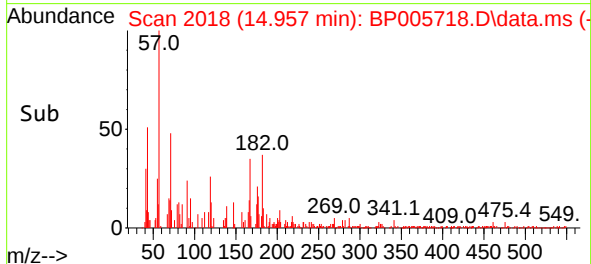
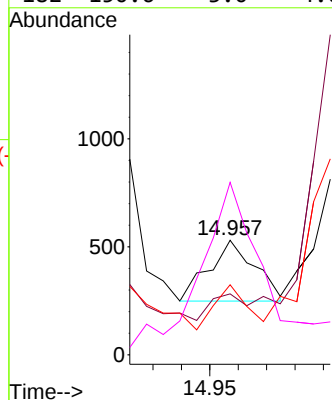
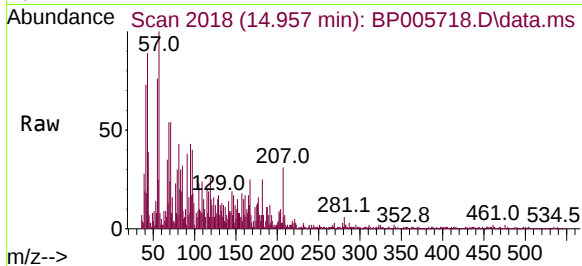




#57
2,4-Dinitrotoluene
Concen: 4.30 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

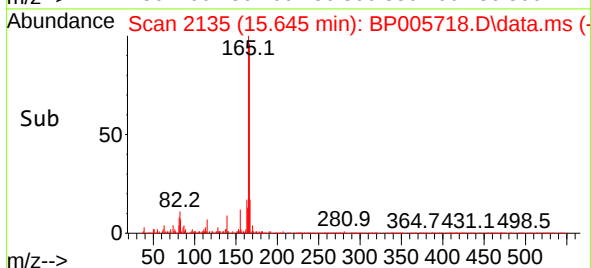
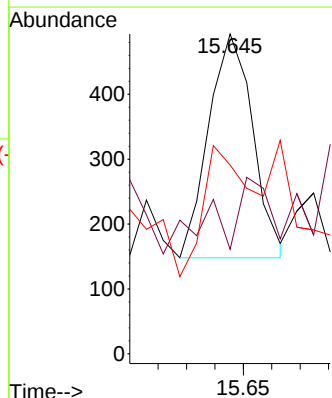
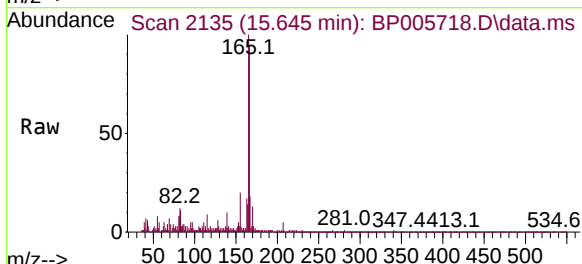
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

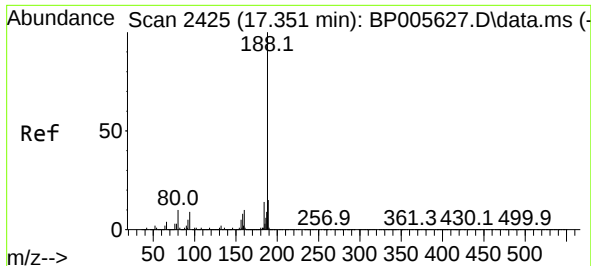
Tgt Ion:165 Resp: 316
Ion Ratio Lower Upper
165 100
63 53.2 56.7 85.1#
89 61.1 85.8 128.6#
182 150.6 3.0 4.6#



#62
4-Nitroaniline
Concen: 3.68 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.024 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:138 Resp: 373
Ion Ratio Lower Upper
138 100
92 32.7 50.9 90.9#
108 59.0 154.7 194.7#

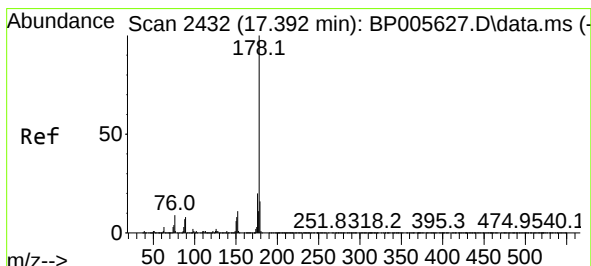
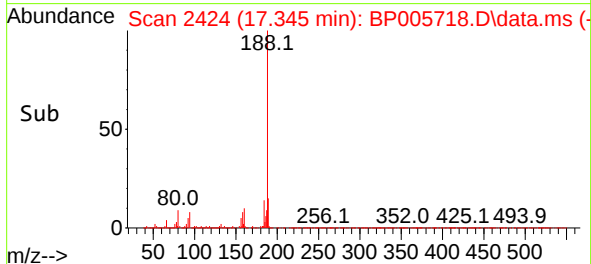
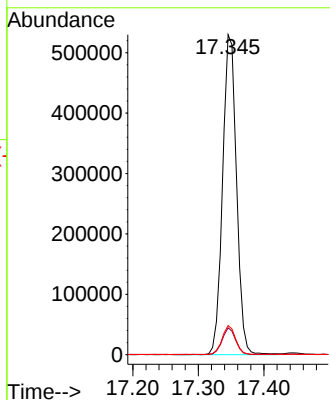
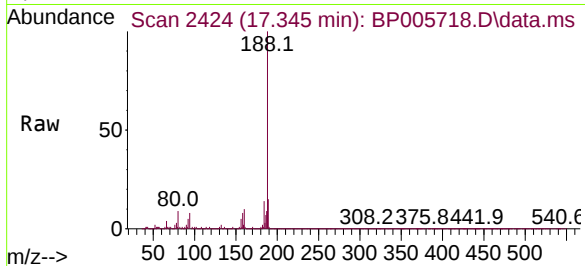




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

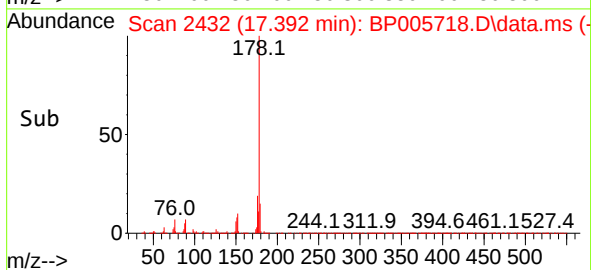
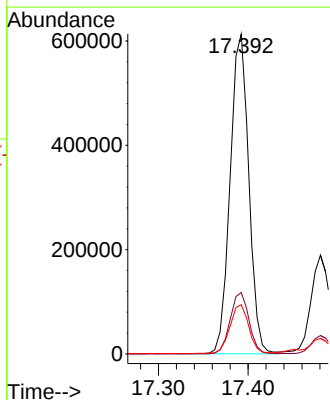
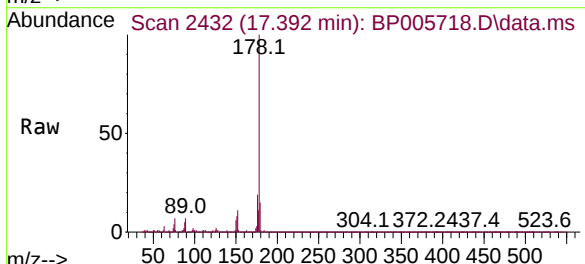
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

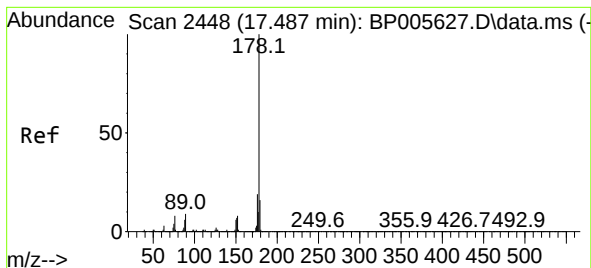
Tgt Ion:188 Resp: 776394
Ion Ratio Lower Upper
188 100
94 8.4 5.0 7.6#
80 9.1 5.9 8.9#



#71
Phenanthrene
Concen: 18.26 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:178 Resp: 883372
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.4 12.3 18.5





#72

Anthracene

Concen: 5.63 ng

RT: 17.481 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BP005718.D

Acq: 04 Jun 2021 18:51

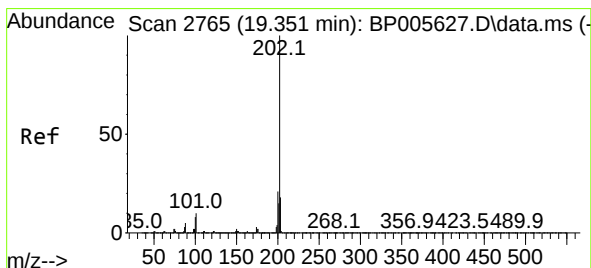
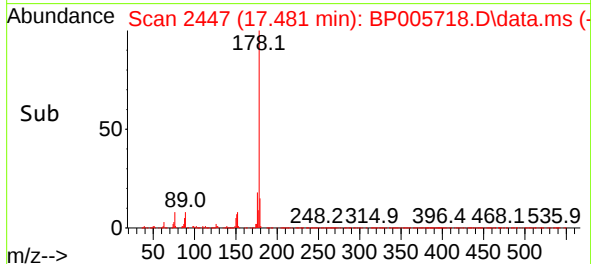
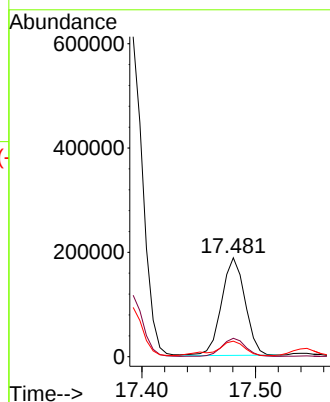
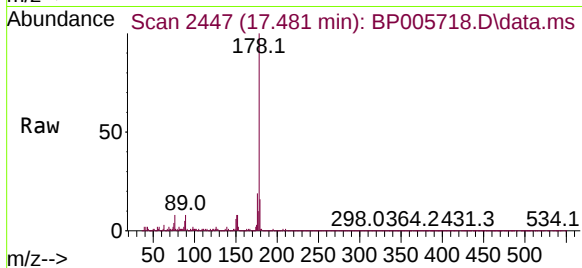
Instrument :

BNA_P

ClientSampleId :

18-B9(4-6)

Tgt Ion:178	Resp: 269103		
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.2	22.8
179	15.7	12.6	19.0



#75

Fluoranthene

Concen: 41.67 ng

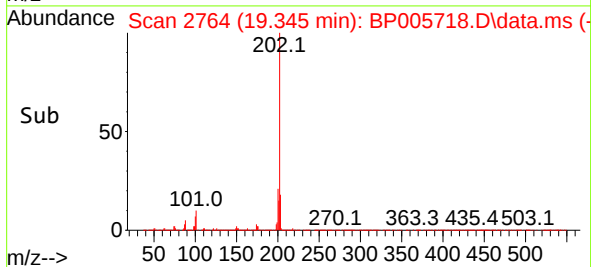
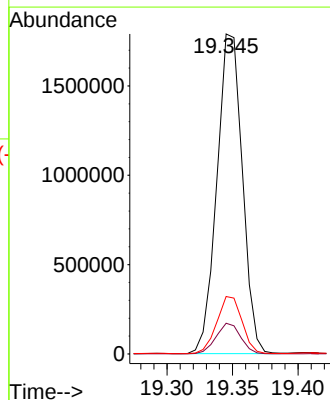
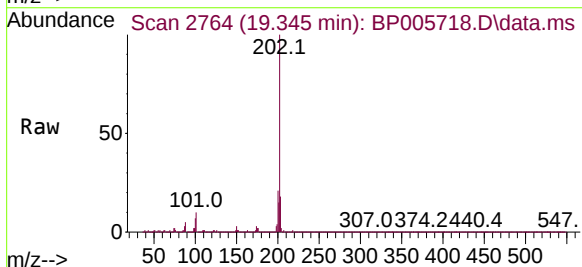
RT: 19.345 min Scan# 2764

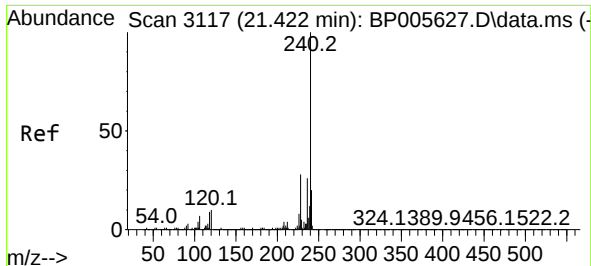
Delta R.T. -0.006 min

Lab File: BP005718.D

Acq: 04 Jun 2021 18:51

Tgt Ion:202	Resp: 2419420		
Ion Ratio	Lower	Upper	
202 100			
101 9.6	0.0	26.1	
203 18.0	0.0	37.2	

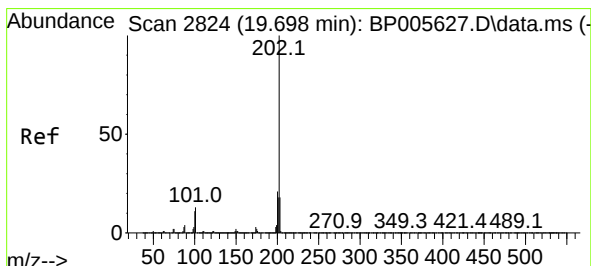
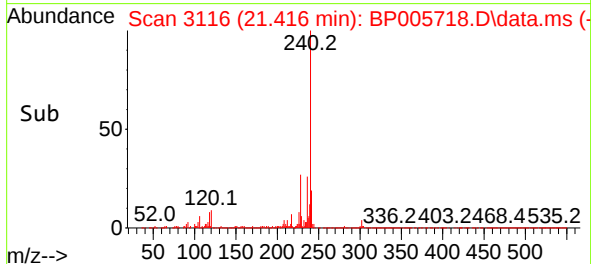
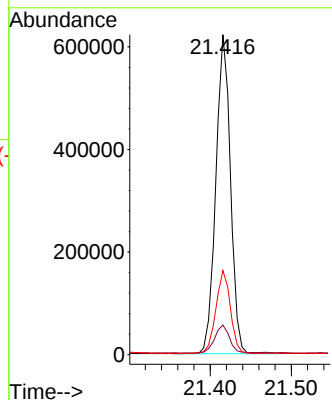
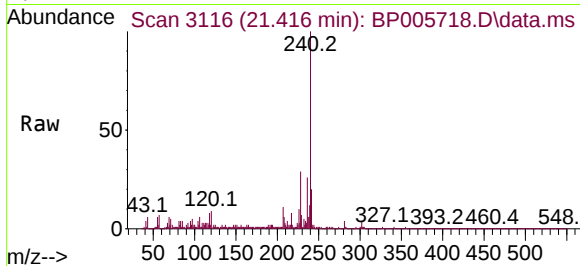




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

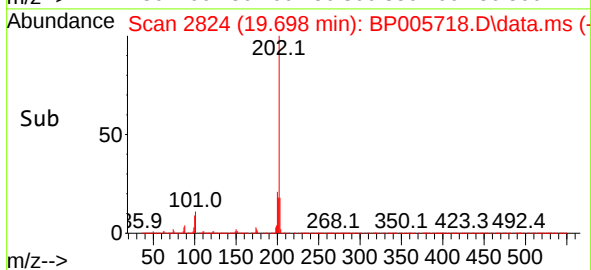
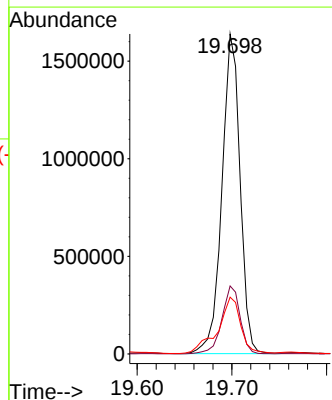
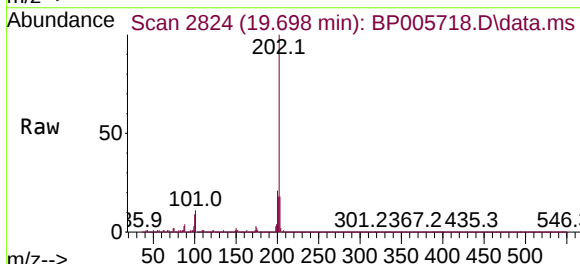
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

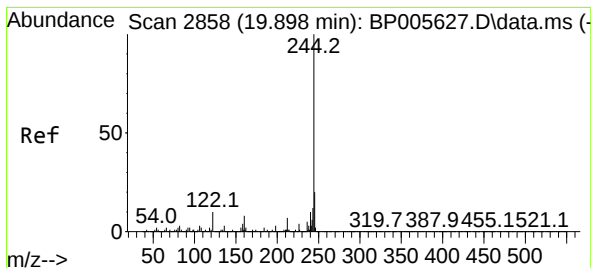
Tgt Ion:240 Resp: 777428
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.2#
236 26.3 20.2 30.2



#78
Pyrene
Concen: 39.84 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:202 Resp: 2185398
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 40.81 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP005718.D

Acq: 04 Jun 2021 18:51

Instrument :

BNA_P

ClientSampleId :

18-B9(4-6)

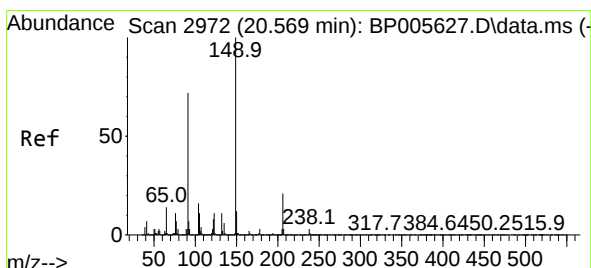
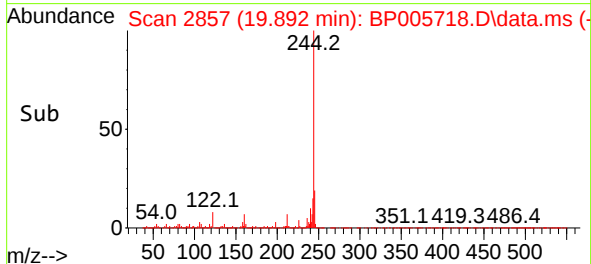
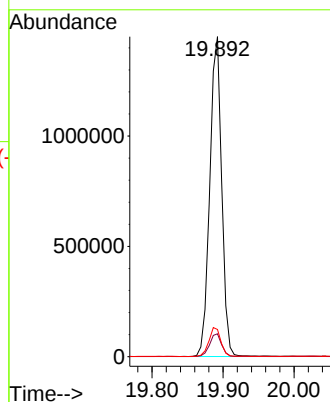
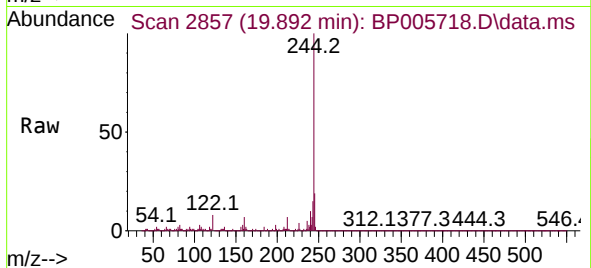
Tgt Ion:244 Resp: 1690757

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 8.5 5.2 7.8#



#80

Butylbenzylphthalate

Concen: 4.30 ng

RT: 20.563 min Scan# 2971

Delta R.T. -0.006 min

Lab File: BP005718.D

Acq: 04 Jun 2021 18:51

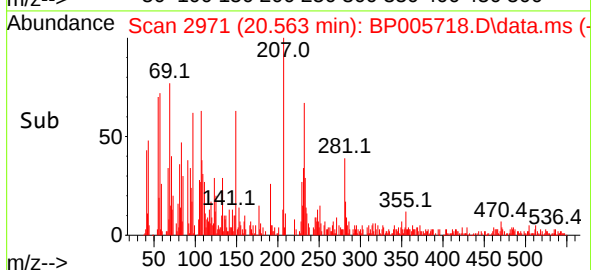
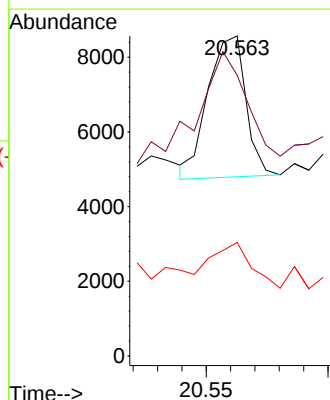
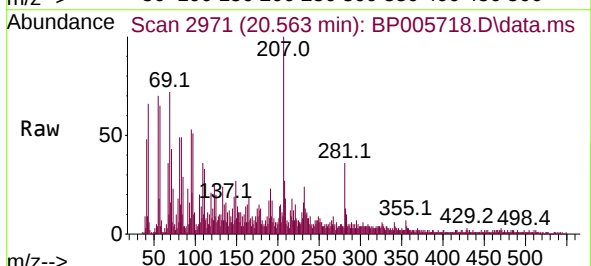
Tgt Ion:149 Resp: 4099

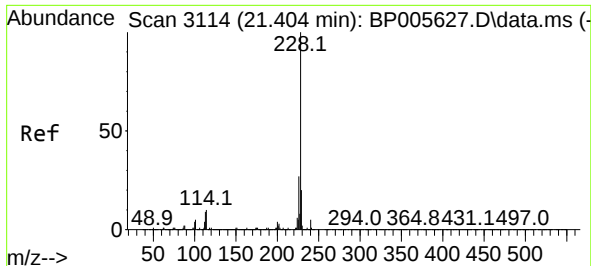
Ion Ratio Lower Upper

149 100

91 87.7 60.2 90.4

206 35.5 23.9 35.9

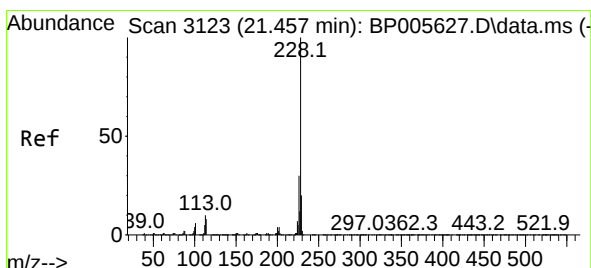
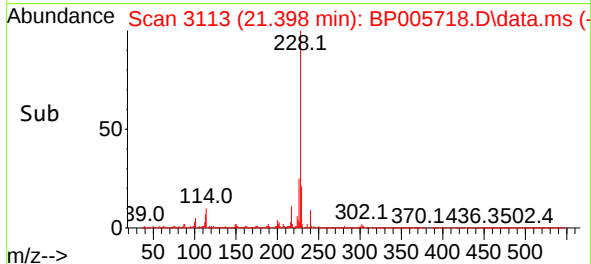
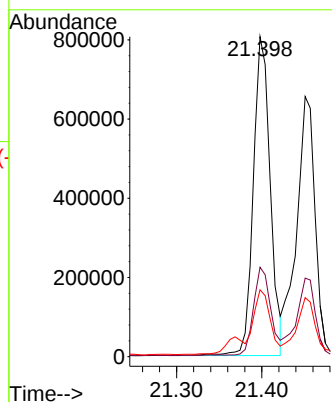
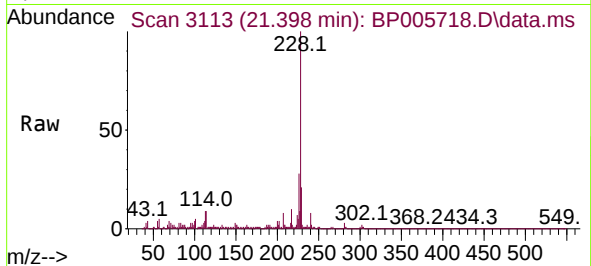




#81
Benzo(a)anthracene
Concen: 19.47 ng
RT: 21.398 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

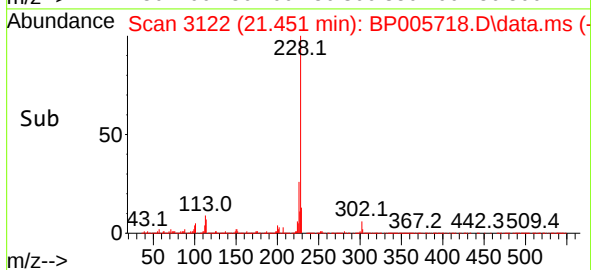
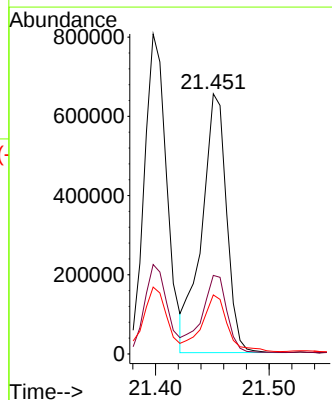
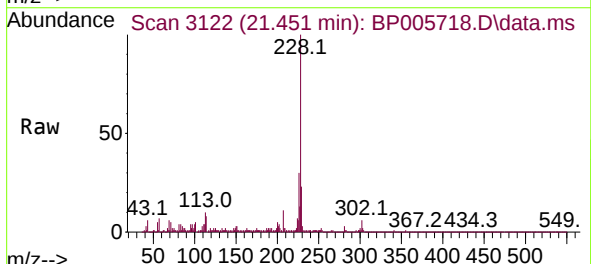
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

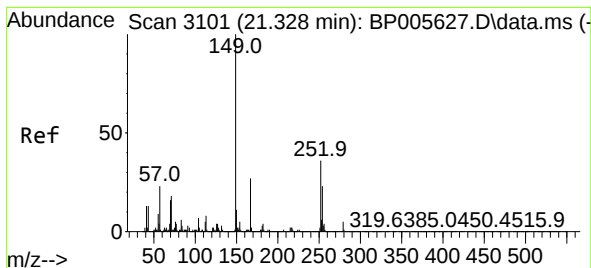
Tgt Ion:228 Resp: 1110804
Ion Ratio Lower Upper
228 100
226 28.0 21.2 31.8
229 20.9 15.6 23.4



#83
Chrysene
Concen: 17.96 ng
RT: 21.451 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:228 Resp: 992168
Ion Ratio Lower Upper
228 100
226 30.2 24.8 37.2
229 22.7 15.4 23.0

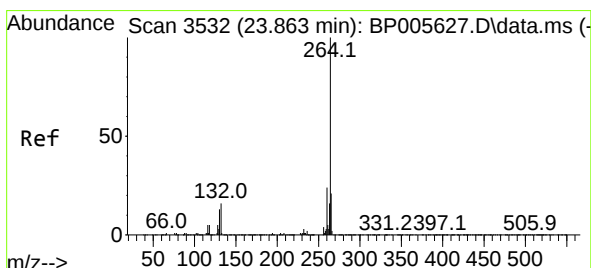
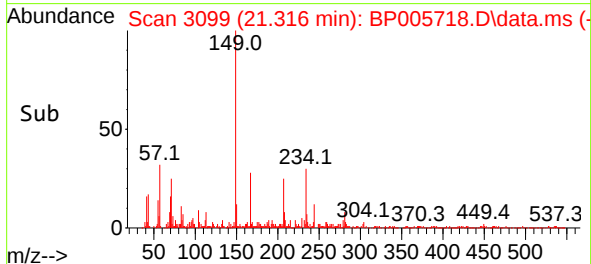
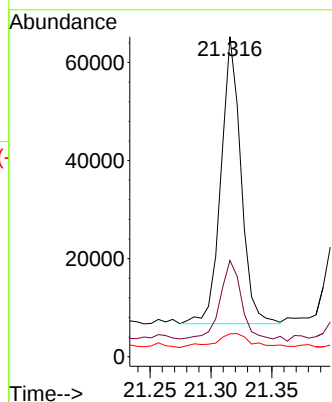
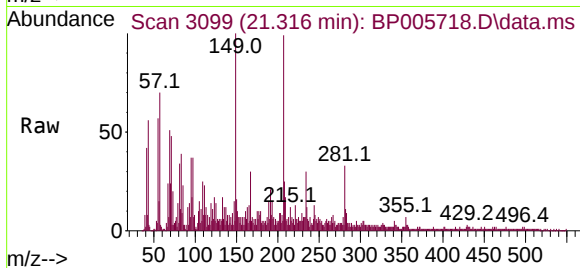




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.16 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

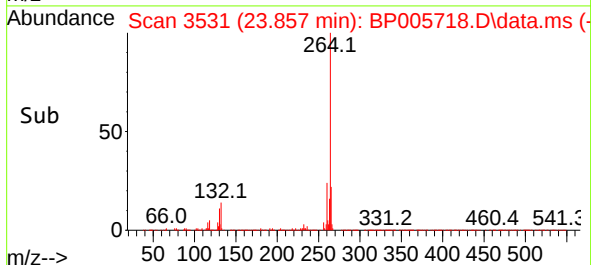
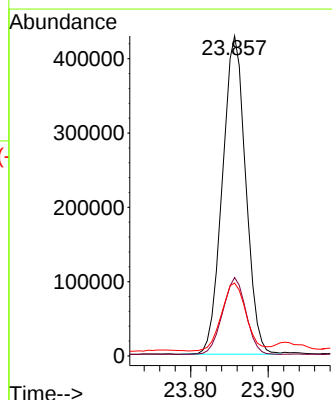
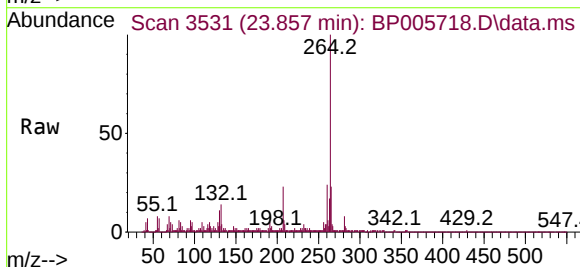
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

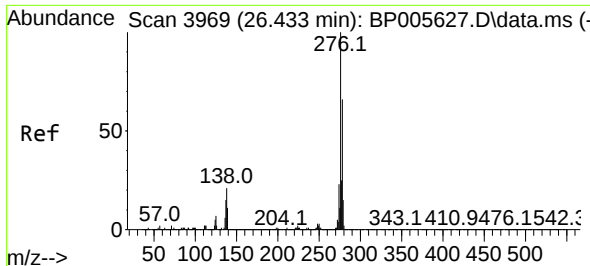
Tgt Ion:149 Resp: 67021
Ion Ratio Lower Upper
149 100
167 30.1 23.8 35.8
279 7.2 5.7 8.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:264 Resp: 894282
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 22.8 19.0 28.6

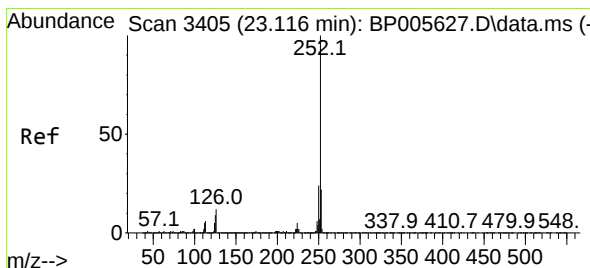
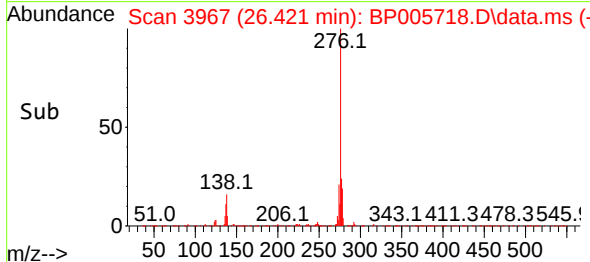
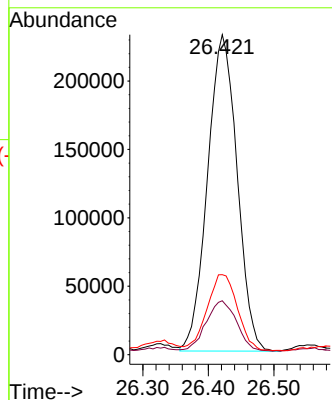
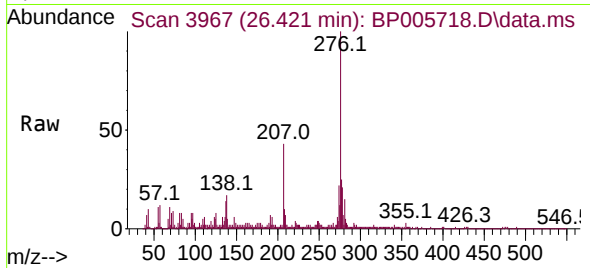




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.51 ng
RT: 26.421 min Scan# 3967
Delta R.T. -0.012 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

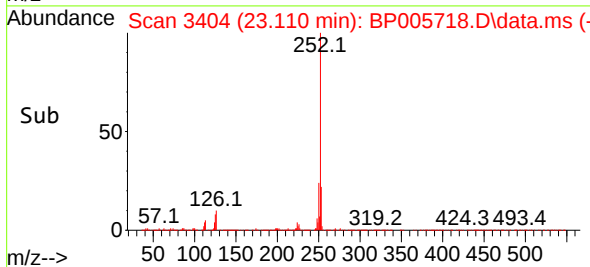
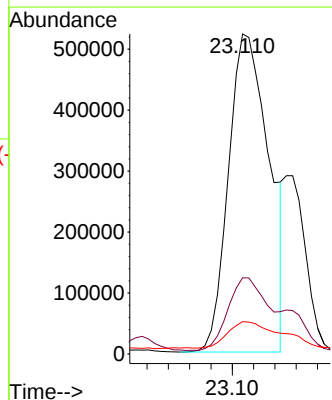
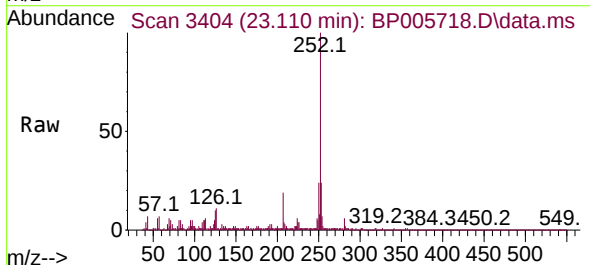
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

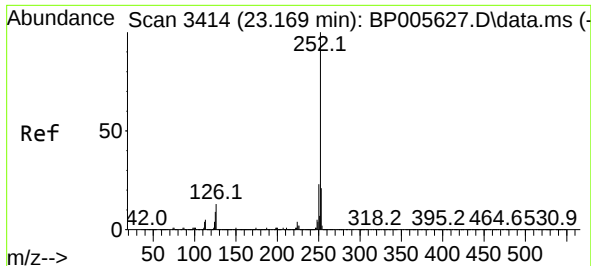
Tgt Ion:276 Resp: 723819
Ion Ratio Lower Upper
276 100
138 16.5 8.4 12.6#
277 24.8 20.6 31.0



#88
Benzo(b)fluoranthene
Concen: 21.35 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:252 Resp: 1385181
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 10.1 3.4 5.0#

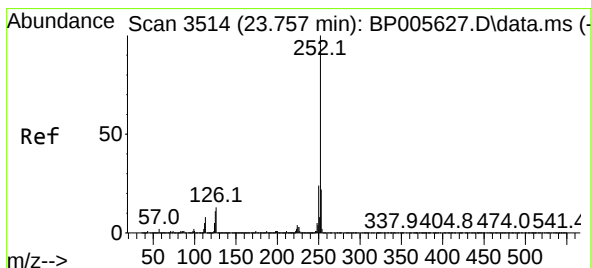
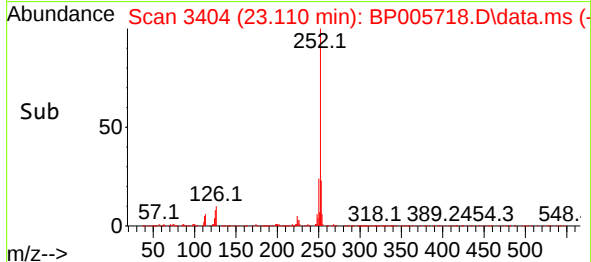
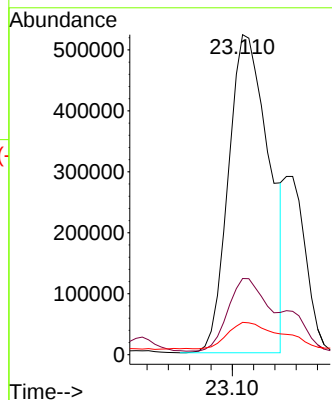
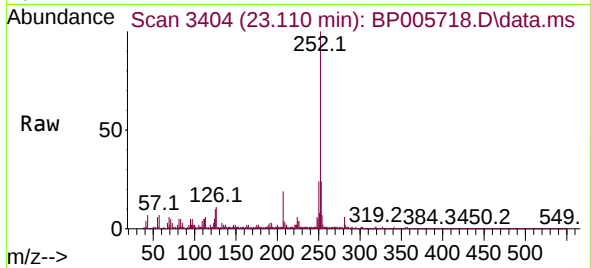




#89
Benzo(k)fluoranthene
Concen: 22.53 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.059 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

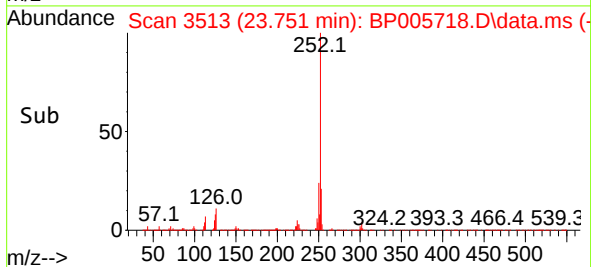
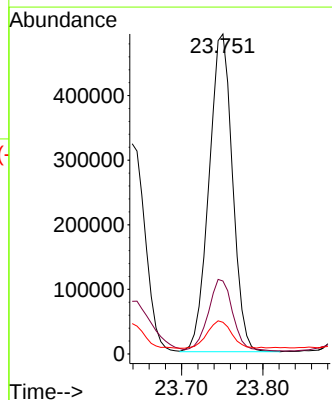
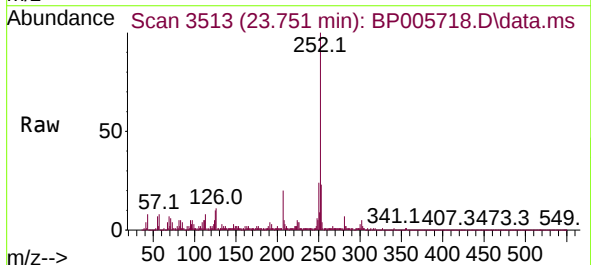
Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

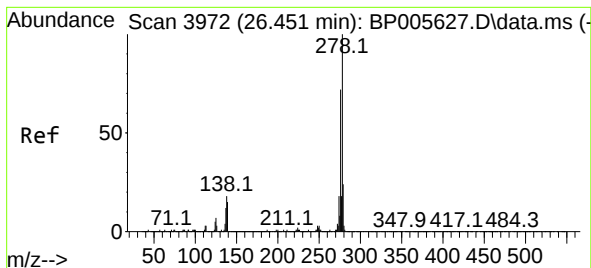
Tgt Ion:252 Resp: 1385181
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 10.1 3.8 5.6#



#90
Benzo(a)pyrene
Concen: 16.77 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:252 Resp: 989757
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 9.9 3.8 5.6#

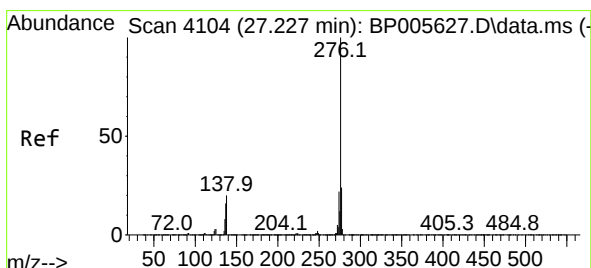
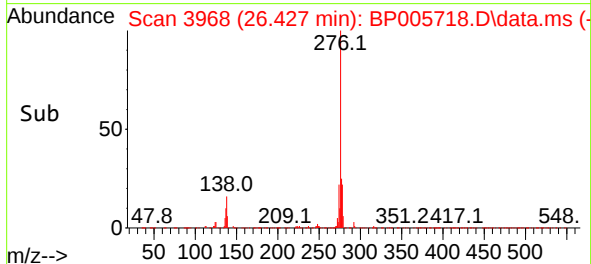
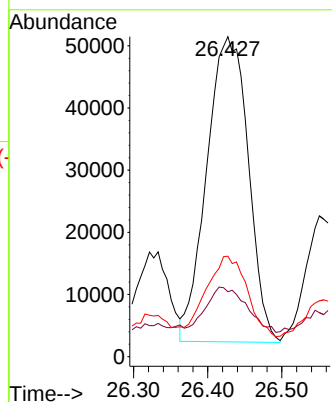
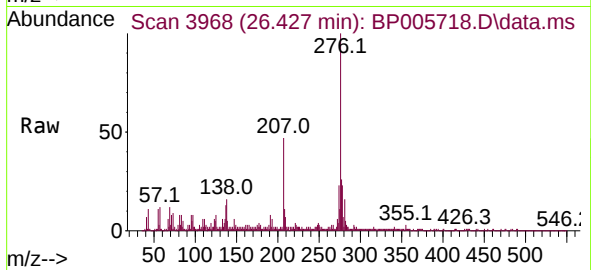




#91
Dibenzo(a,h)anthracene
Concen: 2.89 ng
RT: 26.427 min Scan# 3968
Delta R.T. -0.024 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Instrument :
BNA_P
ClientSampleId :
18-B9(4-6)

Tgt Ion:278 Resp: 190923
Ion Ratio Lower Upper
278 100
139 20.3 5.0 7.6#
279 31.4 18.6 28.0#



#92
Benzo(g,h,i)perylene
Concen: 11.17 ng
RT: 27.221 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BP005718.D
Acq: 04 Jun 2021 18:51

Tgt Ion:276 Resp: 711371
Ion Ratio Lower Upper
276 100
277 24.9 19.8 29.8
138 17.4 7.7 11.5#

