

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110859.D
 Acq On : 19 Nov 2018 17:59
 Operator : JU/SJ
 Sample : J5981-05 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03(8-10)

Quant Time: Nov 20 00:35:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59205	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	246440	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	111606	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	169433	20.00	ng	0.00
76) Chrysene-d12	14.14	240	139363	20.00	ng	0.00
87) Perylene-d12	15.66	264	100653	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	61686	16.92	ng	0.00
7) Phenol-d6	6.57	99	81769	17.54	ng	0.00
23) Nitrobenzene-d5	7.50	82	52324	12.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	15721	13.98	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	92109	11.79	ng	-0.01
79) Terphenyl-d14	13.06	244	72482	9.74	ng	-0.01

Target Compounds

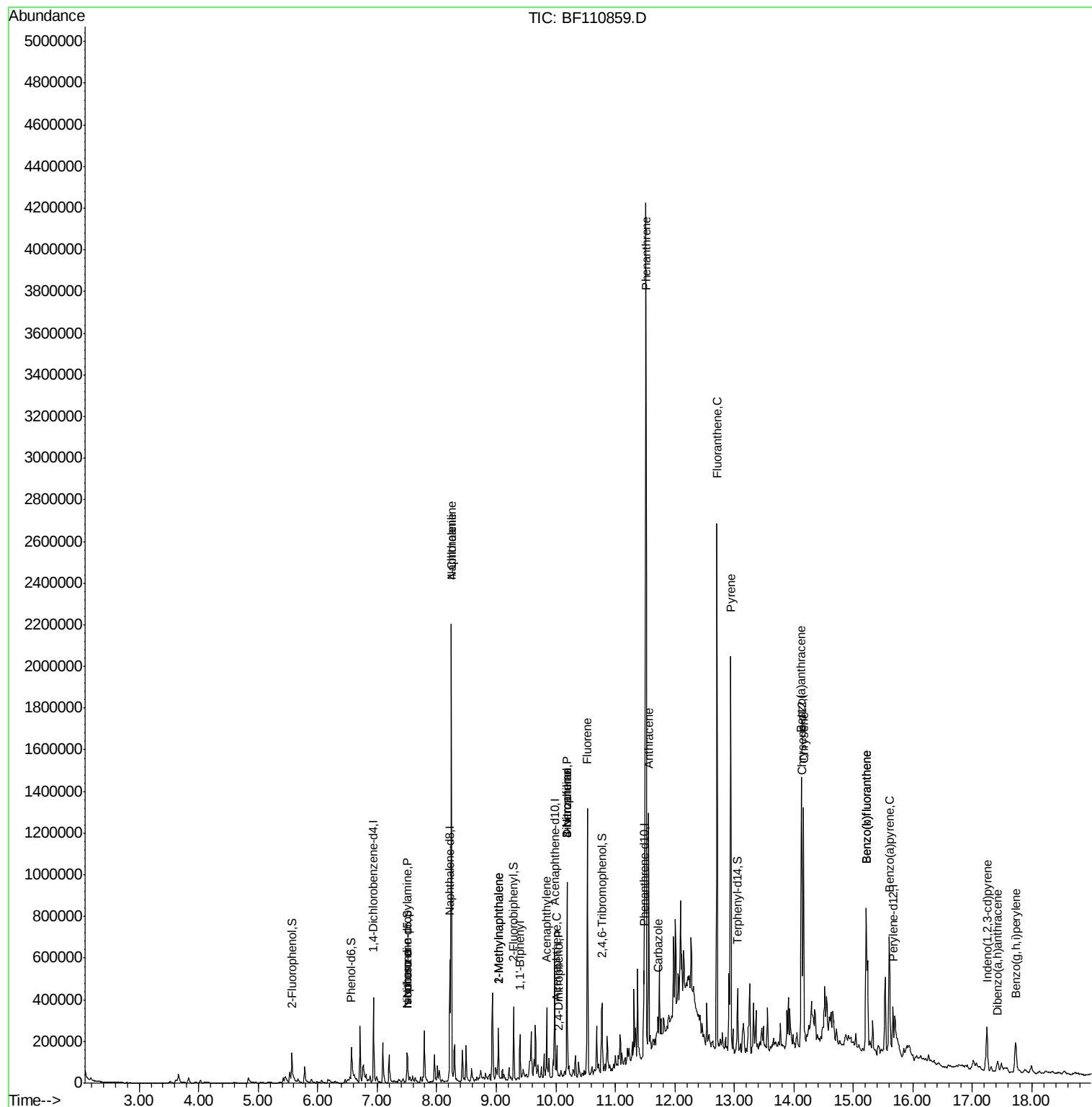
						Qvalue
9) Benzaldehyde	6.51	77	2155	Below Cal	#	83
19) n-Nitroso-di-n-propylamine	7.50	70	6977	2.345 ng	#	81
25) Isophorone	7.50	82	52324	7.460 ng	#	67
31) Naphthalene	8.25	128	970618	83.898 ng		99
33) 4-Chloroaniline	8.25	127	127961	24.419 ng	#	31
37) 2-Methylnaphthalene	9.03	142	60333	7.955 ng		96
38) 1-Methylnaphthalene	9.03	142	60333	8.272 ng	#	99
46) 1,1'-Biphenyl	9.40	154	63261	6.076 ng		99
49) Acenaphthylene	9.85	152	132788	12.293 ng		99
52) Acenaphthene	10.02	154	18299	2.681 ng	#	90
53) 3-Nitroaniline	10.19	138	6518	3.071 ng	#	9
54) 2,4-Dinitrophenol	10.05	184	129	4.868 ng	#	30
55) Dibenzofuran	10.19	168	384831	38.531 ng		97
56) 4-Nitrophenol	10.19	139	153010	108.668 ng	#	7
58) Fluorene	10.53	166	342899	44.698 ng		99
71) Phenanthrene	11.52	178	1849765	203.778 ng		99
72) Anthracene	11.56	178	466868	50.986 ng		98
73) Carbazole	11.72	167	39081	4.444 ng		97
75) Fluoranthene	12.71	202	1004677	110.396 ng		99
78) Pyrene	12.94	202	732272	68.241 ng		99
81) Benzo(a)anthracene	14.13	228	507937	60.978 ng		98
83) Chrysene	14.16	228	393703	49.610 ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	133649	23.469 ng		97
88) Benzo(b)fluoranthene	15.22	252	549791	91.306 ng		97
89) Benzo(k)fluoranthene	15.22	252	549791	92.404 ng	#	96
90) Benzo(a)pyrene	15.60	252	244222	44.640 ng		98
91) Dibenzo(a,h)anthracene	17.42	278	33876	7.317 ng		96
92) Benzo(g,h,i)perylene	17.73	276	111147	24.196 ng		99

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

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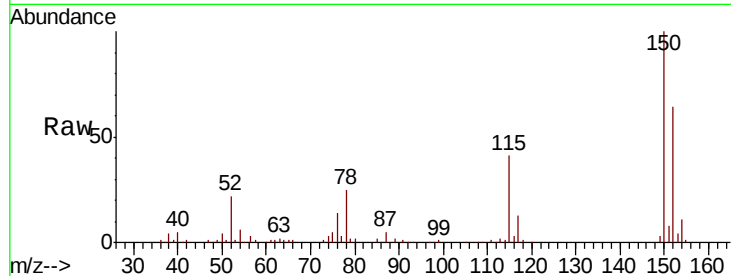




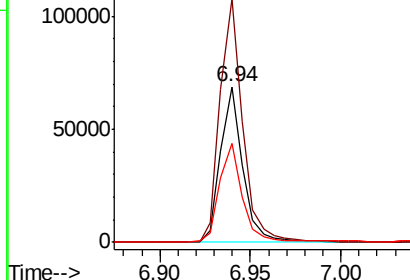
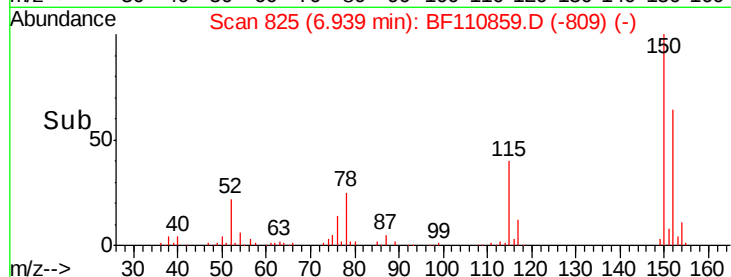
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110859.D
 Acq: 19 Nov 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03(8-10)

Tgt Ion:152 Resp: 59205
 Ion Ratio Lower Upper
 152 100
 150 156.6 122.7 184.1
 115 63.6 49.1 73.7

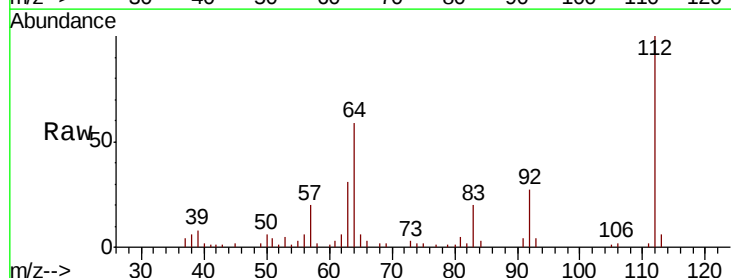


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

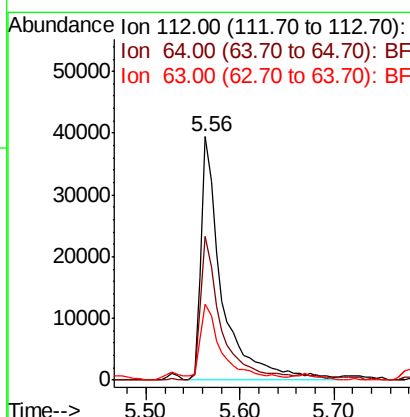
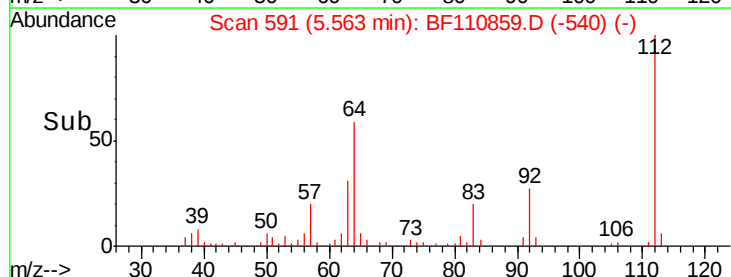


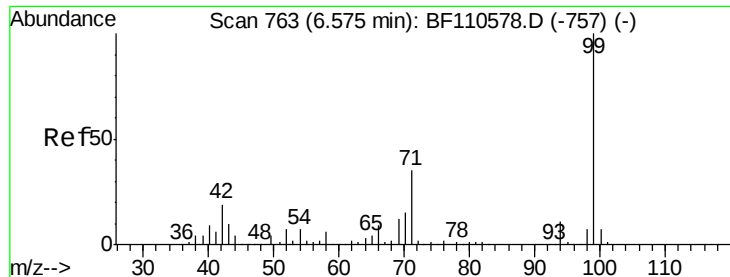
#5
 2-Fluorophenol
 Concen: 16.924 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110859.D
 Acq: 19 Nov 2018 17:59

Tgt Ion:112 Resp: 61686
 Ion Ratio Lower Upper
 112 100
 64 58.9 44.1 66.1
 63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 17.543 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Instrument :

BNA_F

ClientSampleId :

DTW-03(8-10)

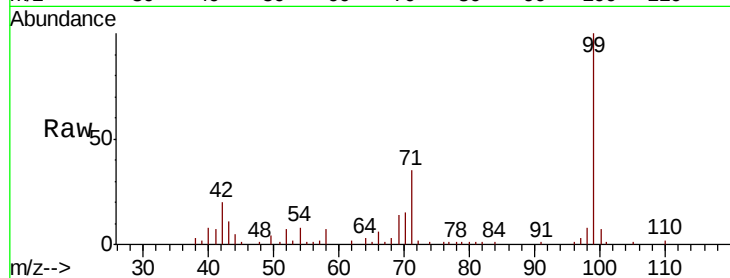
Tgt Ion: 99 Resp: 81769

Ion Ratio Lower Upper

99 100

42 20.3 15.8 23.6

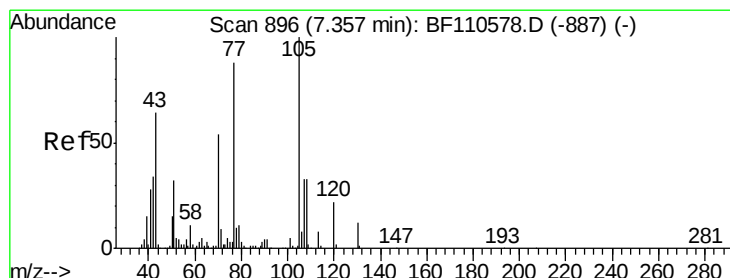
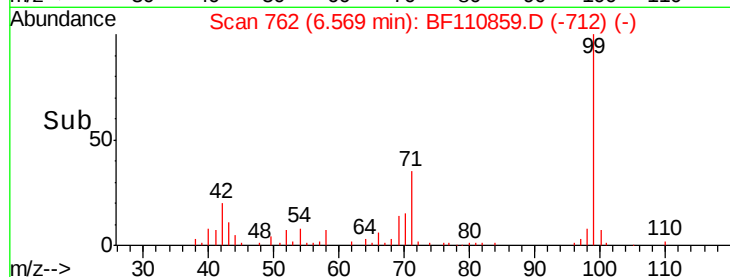
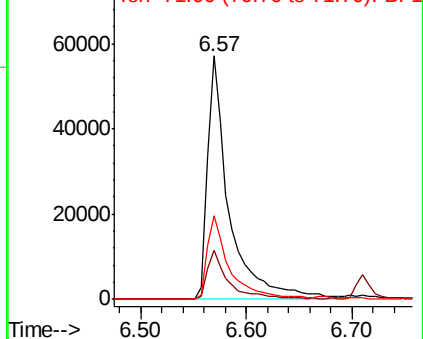
71 34.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 2.345 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Tgt Ion: 70 Resp: 6977

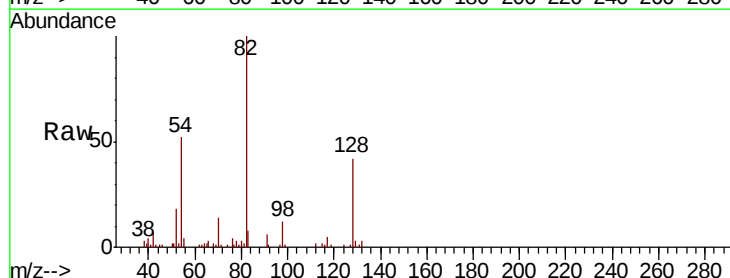
Ion Ratio Lower Upper

70 100

42 51.9 47.4 71.2

101 0.0 7.3 10.9#

130 0.0 16.2 24.2#

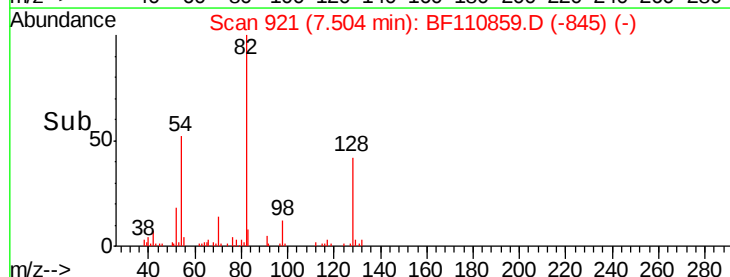
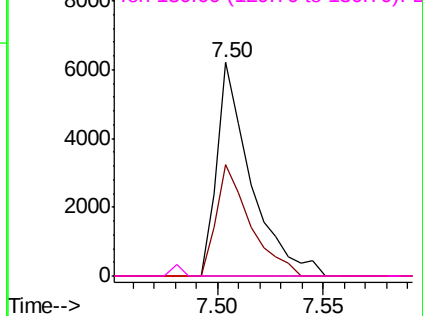


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

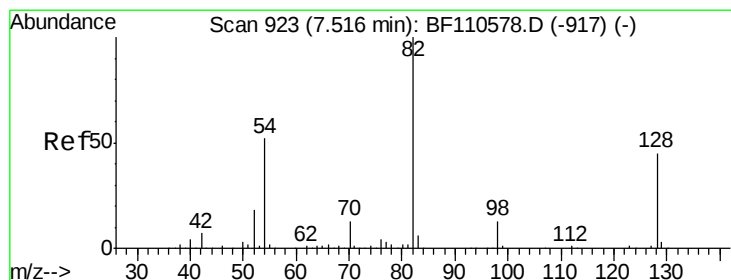
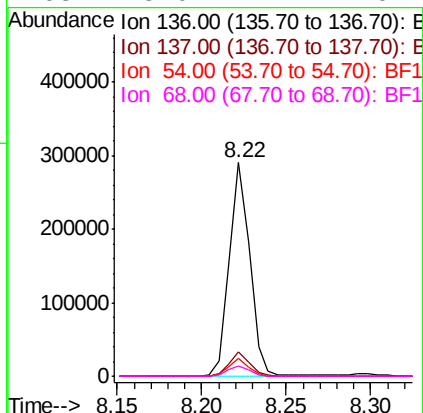
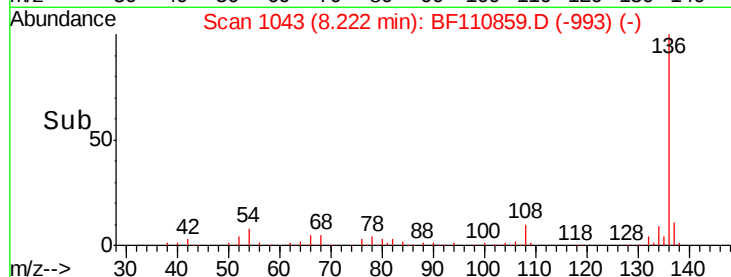
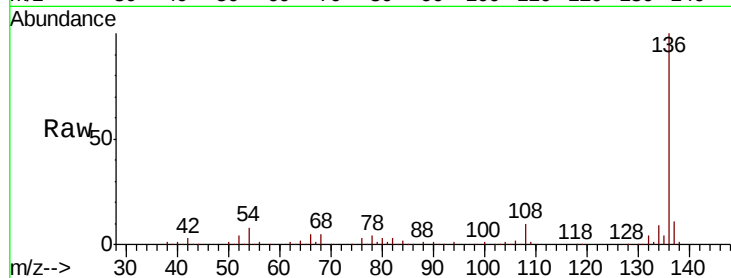




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

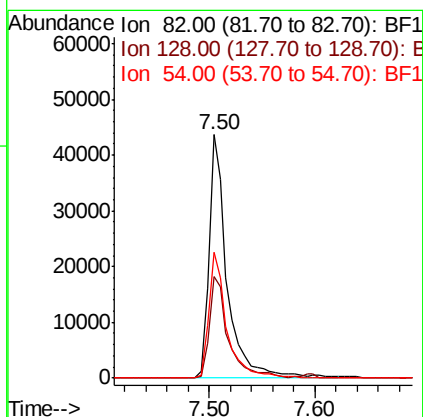
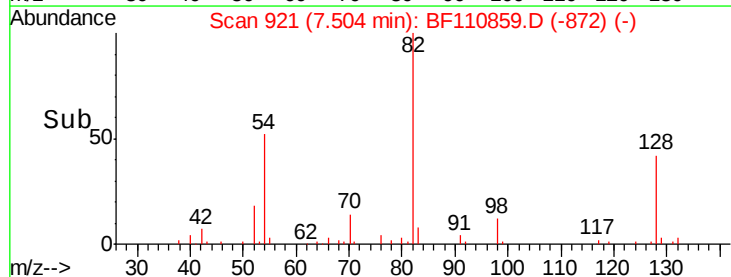
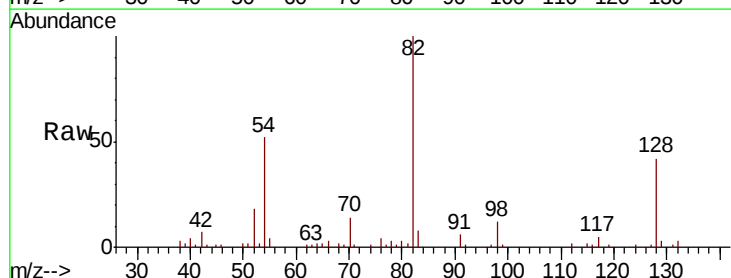
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DTW-03(8-10)

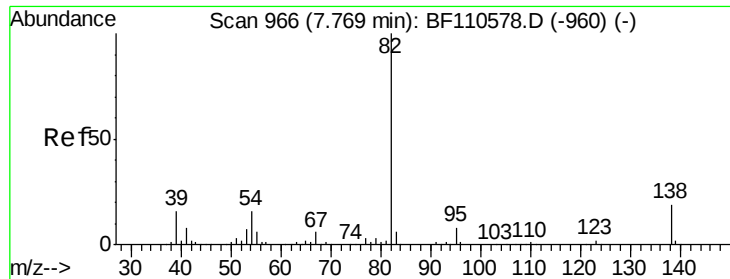
Tgt Ion:	136	Resp:	246440
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.1	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 12.227 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

Tgt Ion:	82	Resp:	52324
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.2	51.2
54	51.7	38.6	58.0





#25

Isophorone

Concen: 7.460 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Instrument :

BNA_F

ClientSampleId :

DTW-03(8-10)

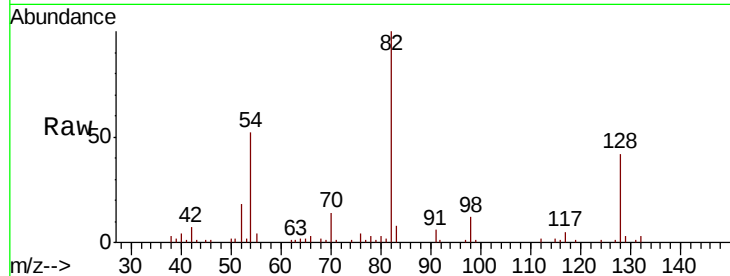
Tgt Ion: 82 Resp: 52324

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

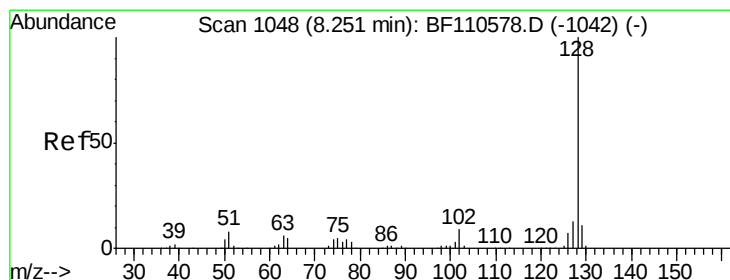
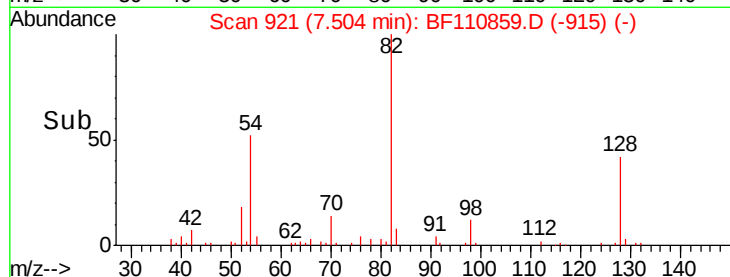
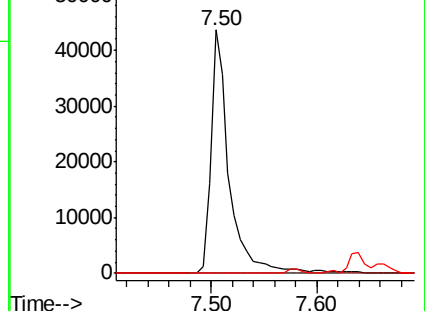
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 83.898 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

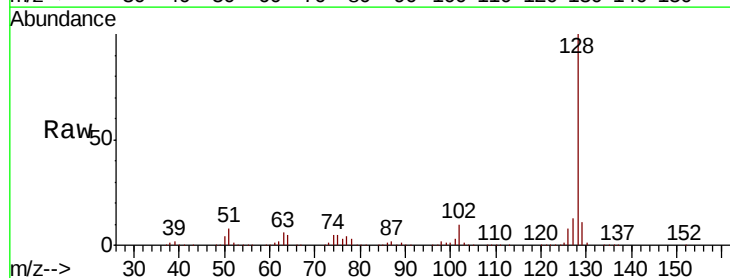
Tgt Ion: 128 Resp: 970618

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

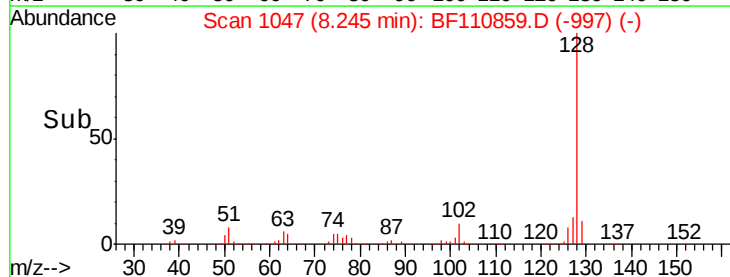
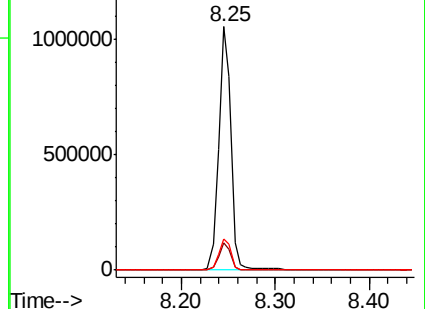
127 13.0 10.8 16.2

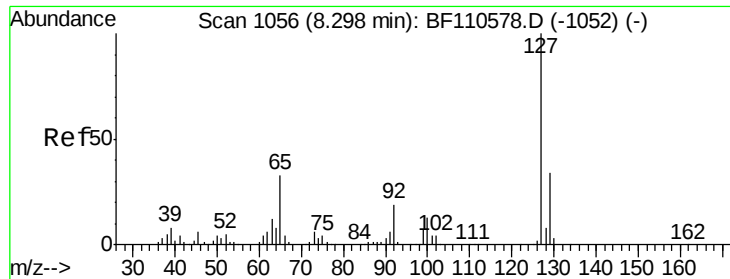


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

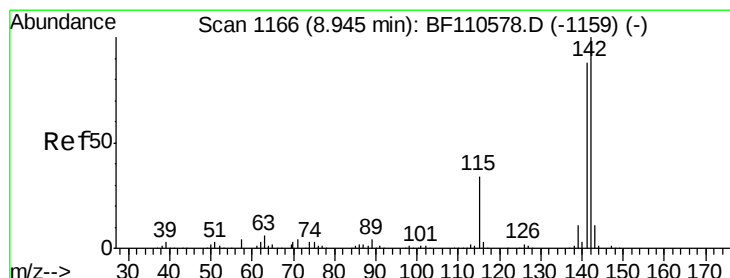
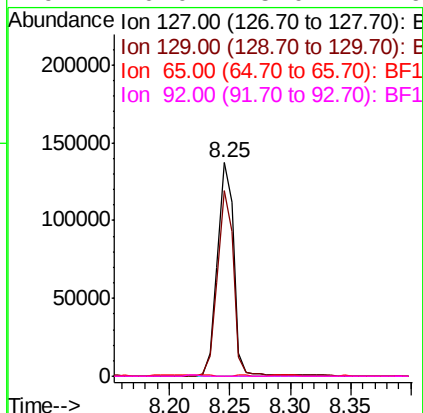
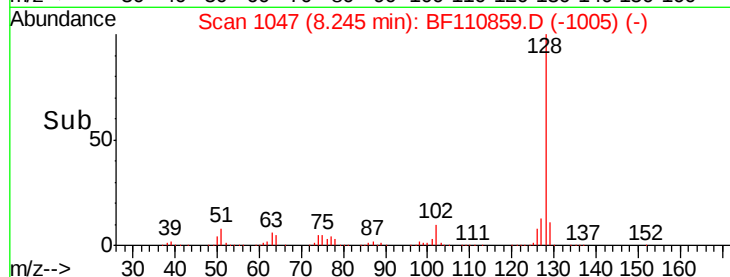
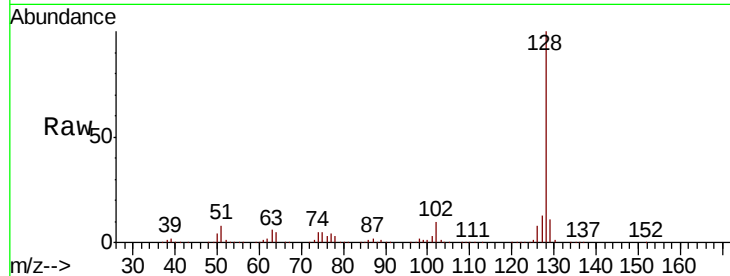




#33
 4-Chloroaniline
 Concen: 24.419 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF110859.D
 Acq: 19 Nov 2018 17:59

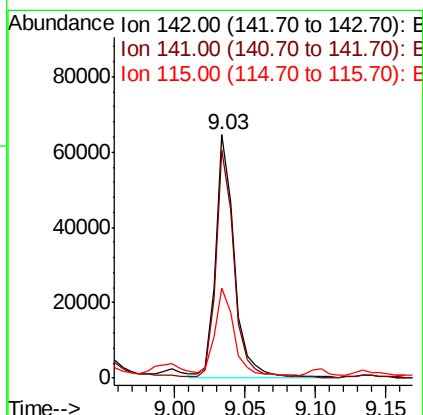
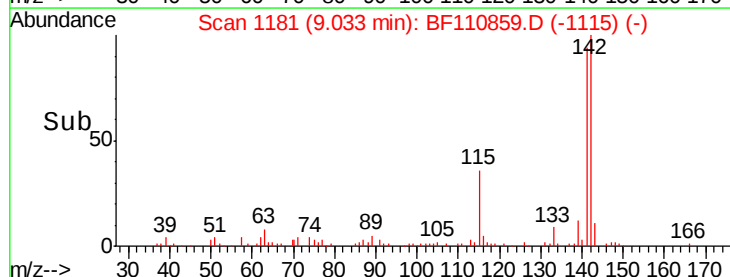
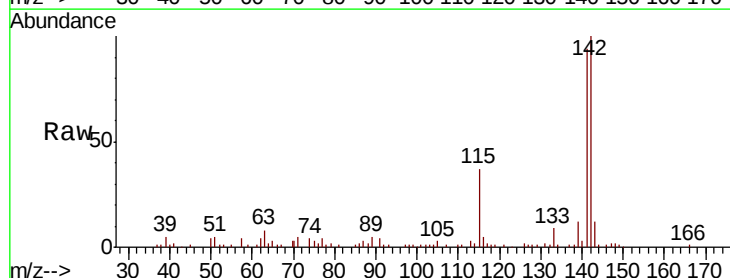
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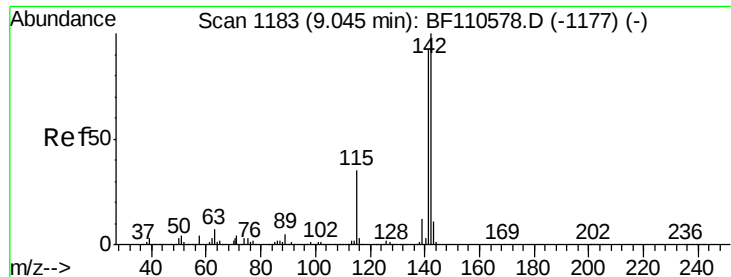
Tgt Ion:	127	Resp:	127961
Ion	Ratio	Lower	Upper
127	100		
129	86.9	26.0	39.0#
65	0.0	25.1	37.7#
92	0.0	15.0	22.6#



#37
 2-Methylnaphthalene
 Concen: 7.955 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.09 min
 Lab File: BF110859.D
 Acq: 19 Nov 2018 17:59

Tgt Ion:	142	Resp:	60333
Ion	Ratio	Lower	Upper
142	100		
141	93.8	71.4	107.2
115	37.2	28.7	43.1

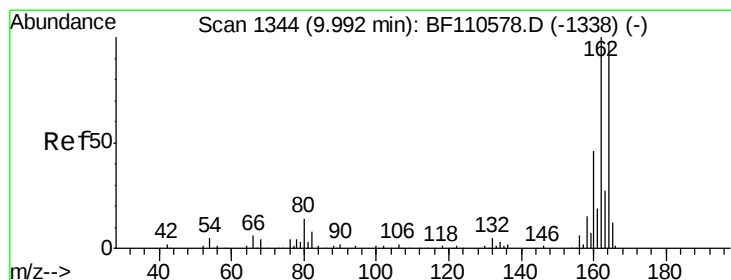
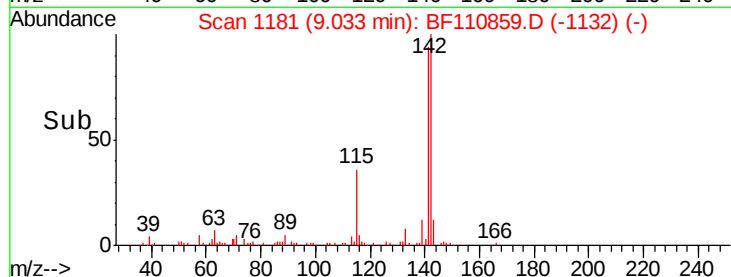
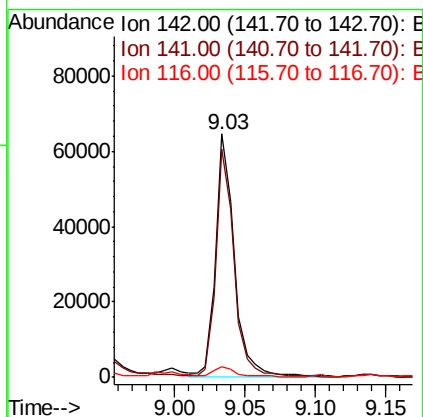
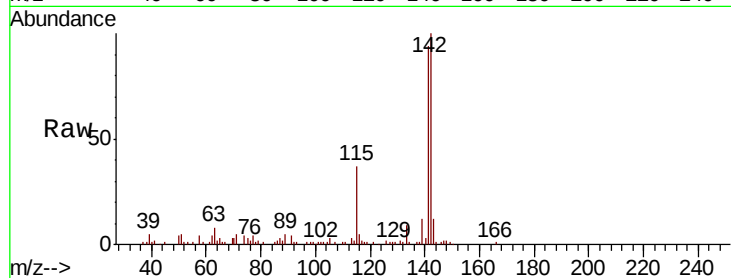




#38
1-Methylnaphthalene
Concen: 8.272 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

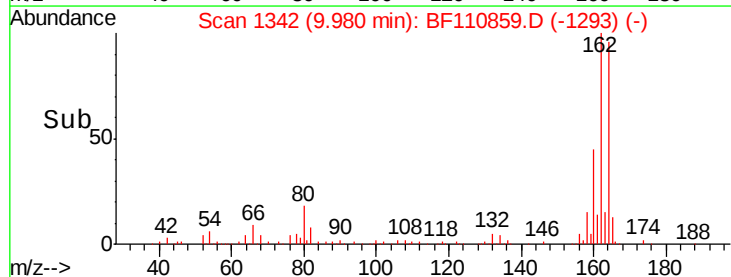
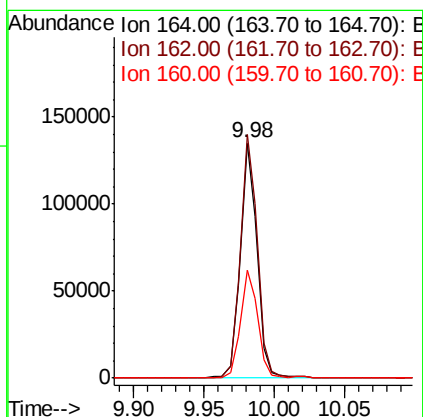
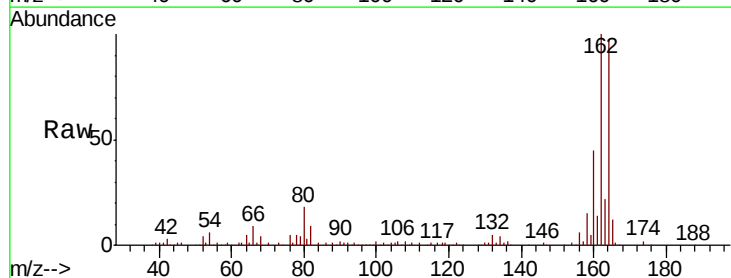
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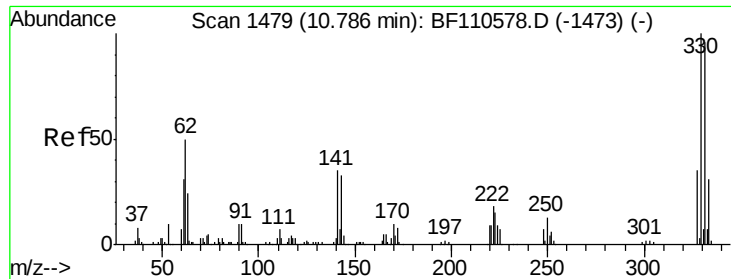
Tgt Ion:142 Resp: 60333
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4
116 4.6 2.6 4.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

Tgt Ion:164 Resp: 111606
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 46.1 37.0 55.6

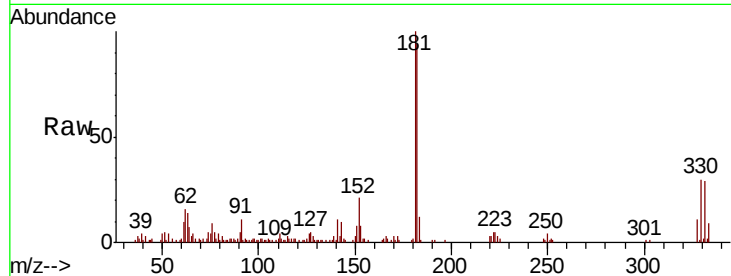




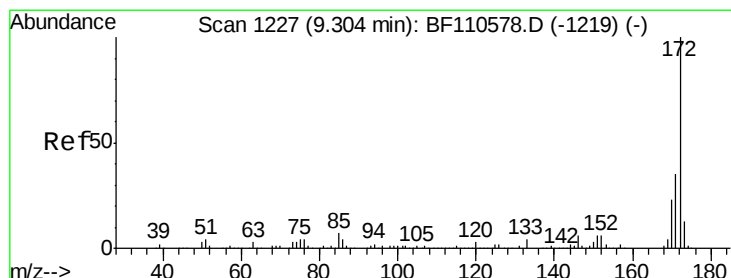
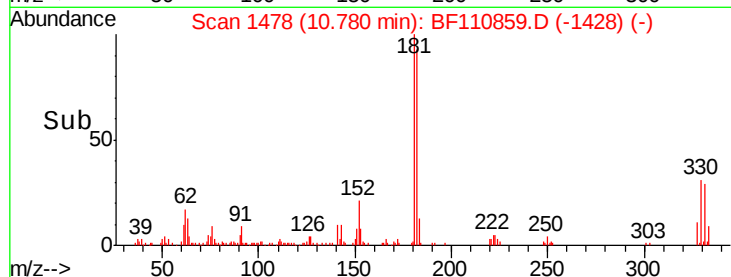
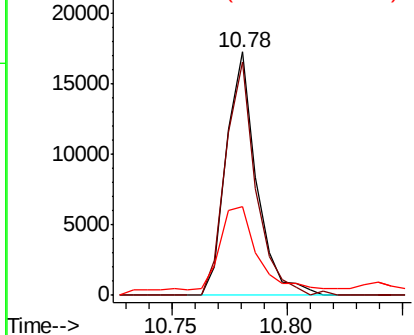
#42
 2,4,6-Tribromophenol
 Concen: 13.980 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110859.D
 Acq: 19 Nov 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03(8-10)

Tgt Ion:330 Resp: 15721
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 54.2 27.0 40.4#

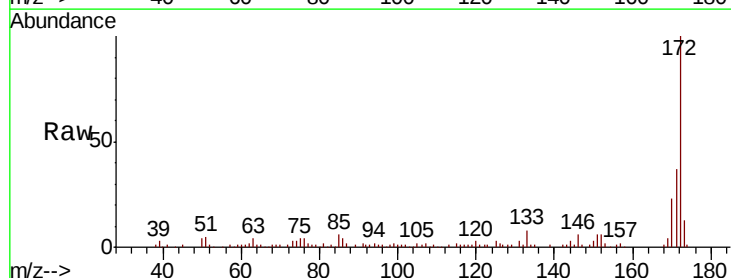


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

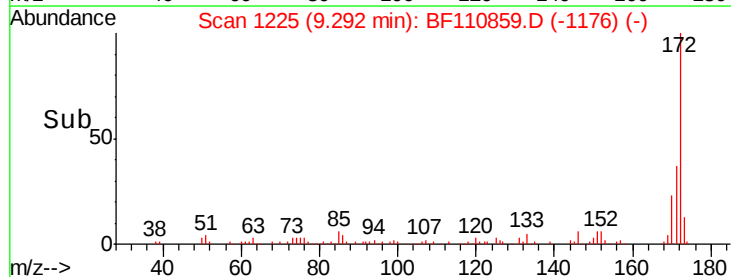
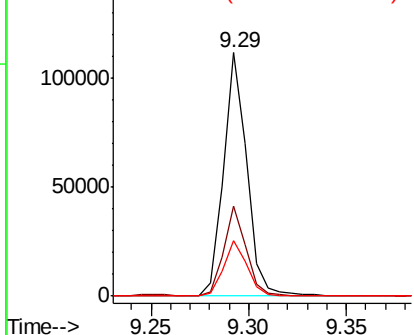


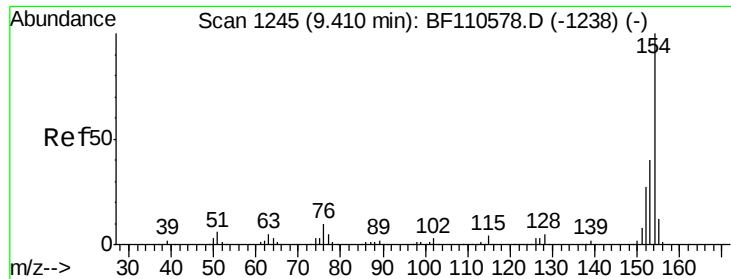
#45
 2-Fluorobiphenyl
 Concen: 11.787 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110859.D
 Acq: 19 Nov 2018 17:59

Tgt Ion:172 Resp: 92109
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 43.0
 170 23.0 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

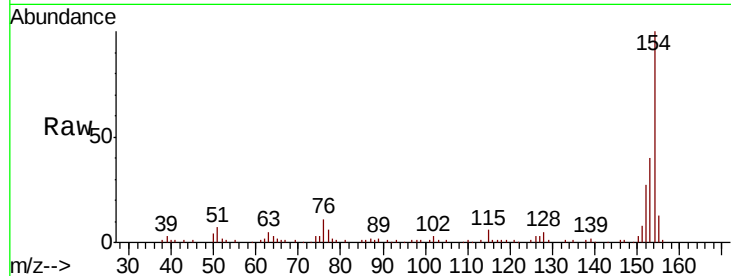




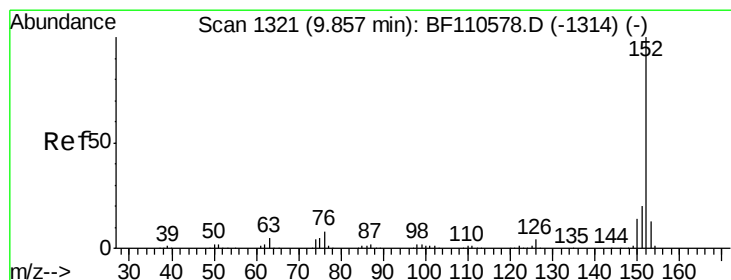
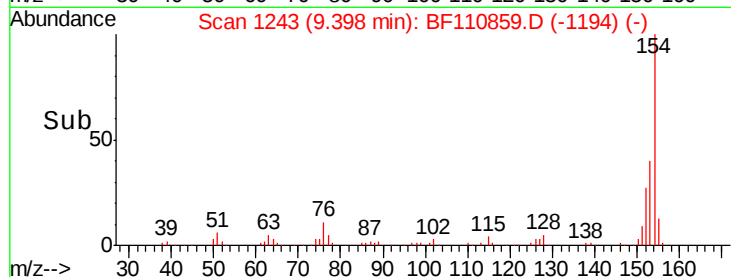
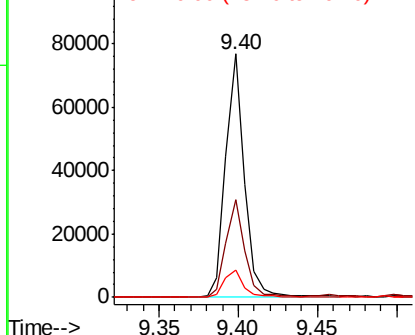
#46
1,1'-Biphenyl
Concen: 6.076 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

Instrument :
BNA_F
ClientSampleId :
DTW-03(8-10)

Tgt Ion:154 Resp: 63261
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.0 0.0 31.9

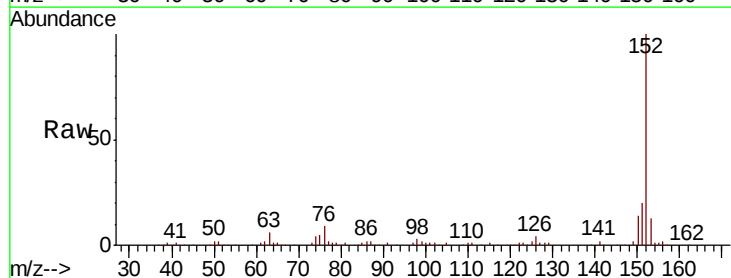


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

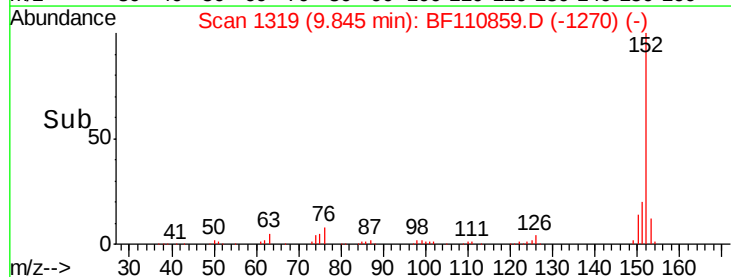
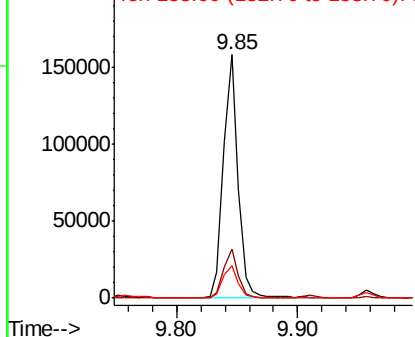


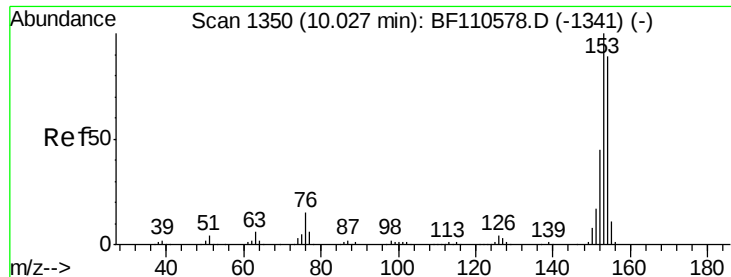
#49
Acenaphthylene
Concen: 12.293 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

Tgt Ion:152 Resp: 132788
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#52

Acenaphthene

Concen: 2.681 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Instrument :

BNA_F

ClientSampleId :

DTW-03(8-10)

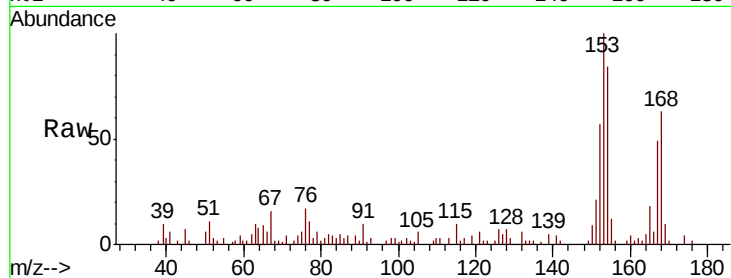
Tgt Ion:154 Resp: 18299

Ion Ratio Lower Upper

154 100

153 118.9 90.1 135.1

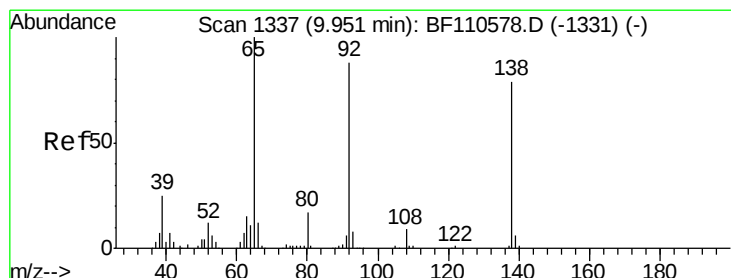
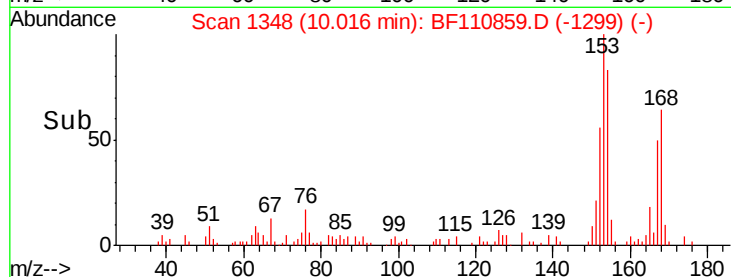
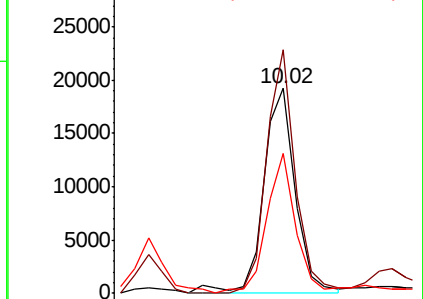
152 68.3 43.4 65.2#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 3.071 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.24 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

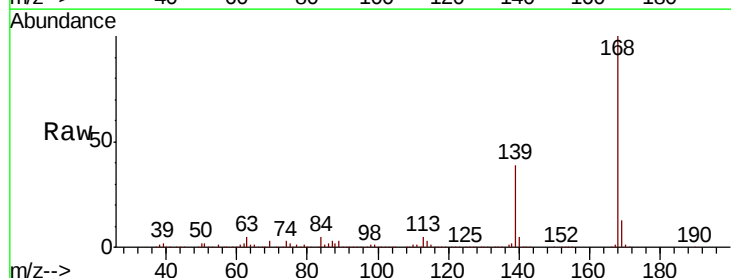
Tgt Ion:138 Resp: 6518

Ion Ratio Lower Upper

138 100

108 5.3 8.7 13.1#

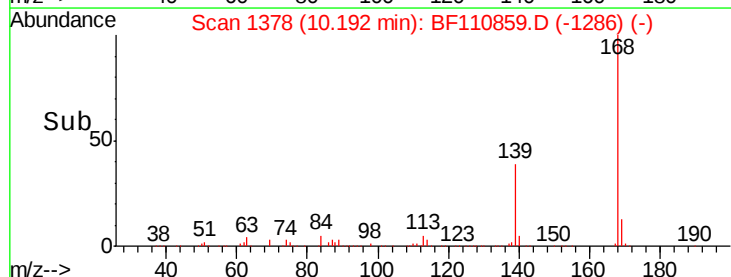
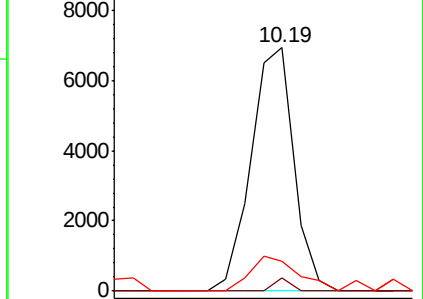
92 12.3 97.0 145.4#

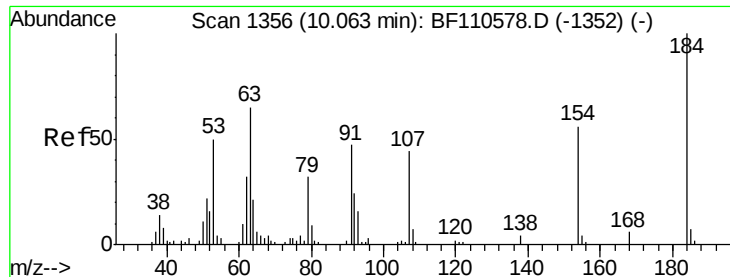


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

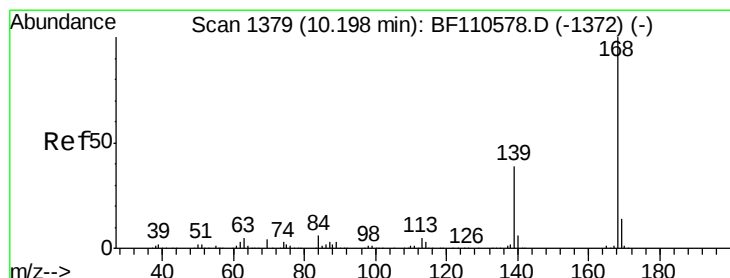
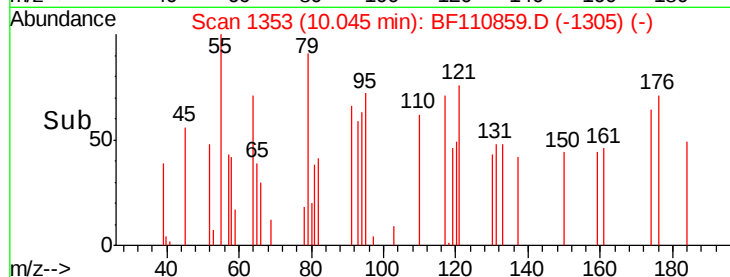
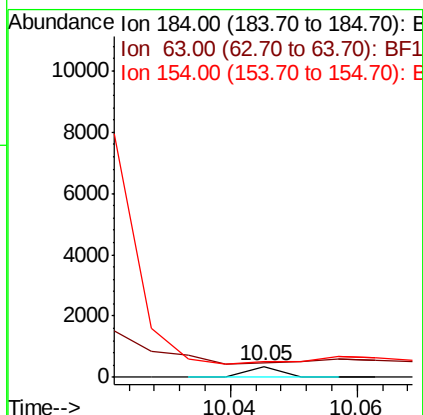
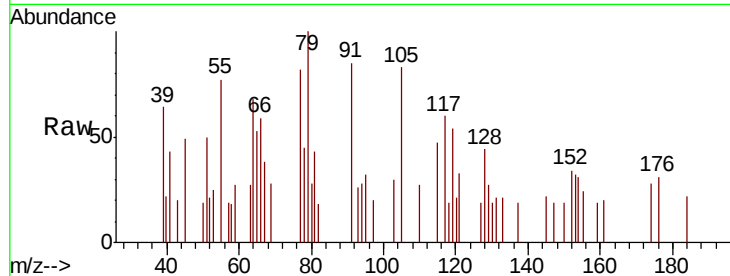




#54
2,4-Dinitrophenol
Concen: 4.868 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.02 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

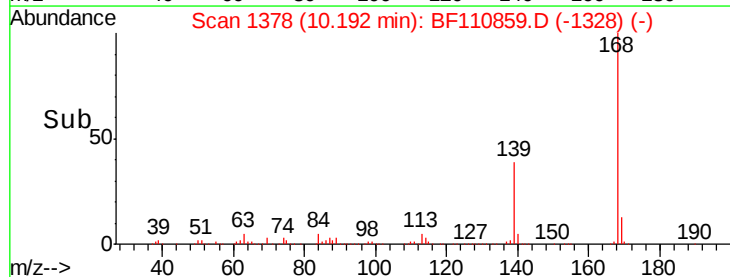
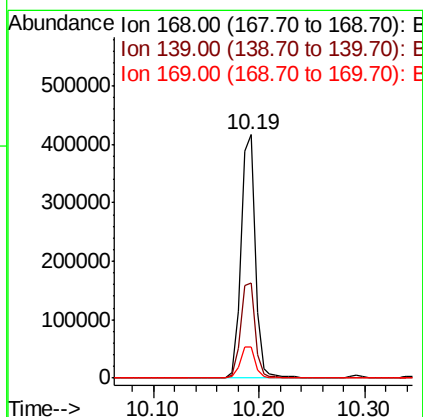
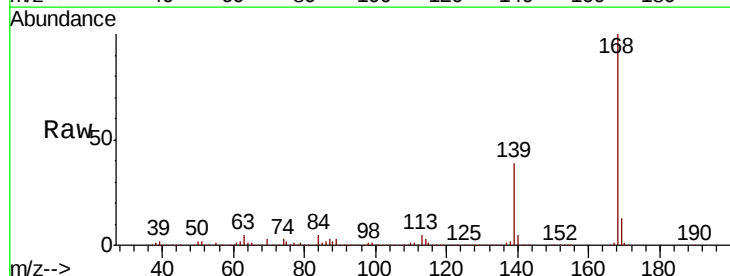
Instrument :
BNA_F
ClientSampleId :
DTW-03(8-10)

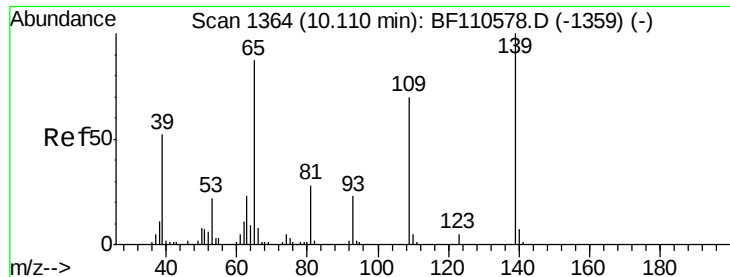
Tgt Ion:184 Resp: 129
Ion Ratio Lower Upper
184 100
63 124.9 55.8 83.6#
154 142.3 63.2 94.8#



#55
Dibenzofuran
Concen: 38.531 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

Tgt Ion:168 Resp: 384831
Ion Ratio Lower Upper
168 100
139 39.1 33.0 49.6
169 13.0 11.3 16.9

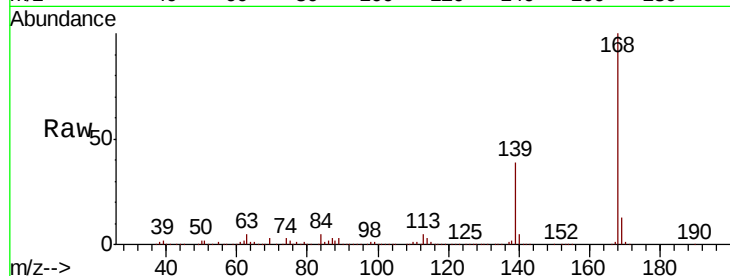




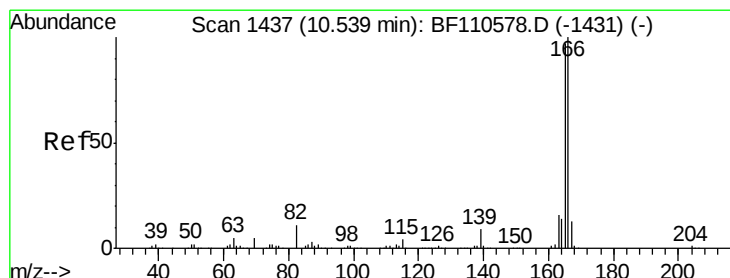
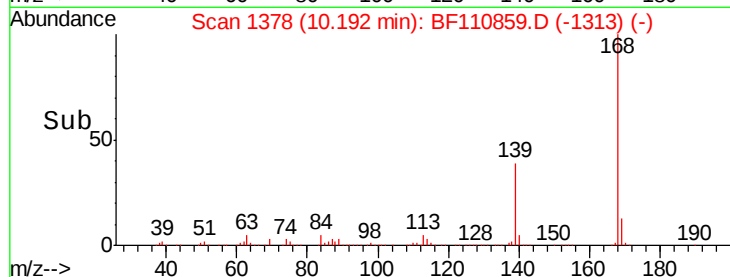
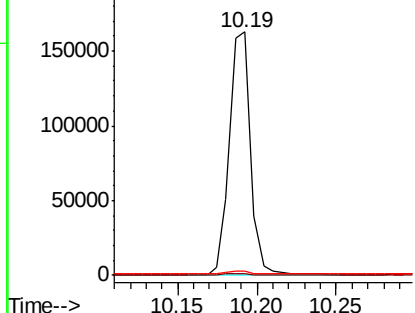
#56
4-Nitrophenol
Concen: 108.668 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.08 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

Instrument :
BNA_F
ClientSampleId :
DTW-03(8-10)

Tgt Ion:139 Resp: 153010
Ion Ratio Lower Upper
139 100
109 0.9 55.8 95.8#
65 1.8 77.9 117.9#

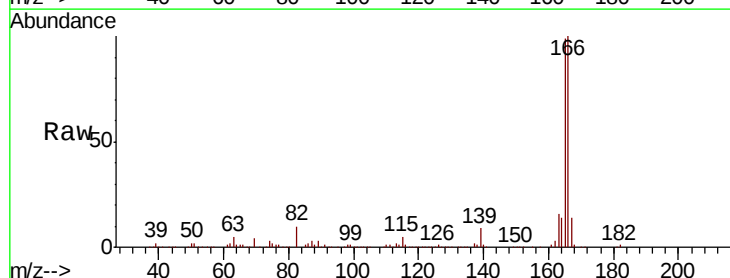


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

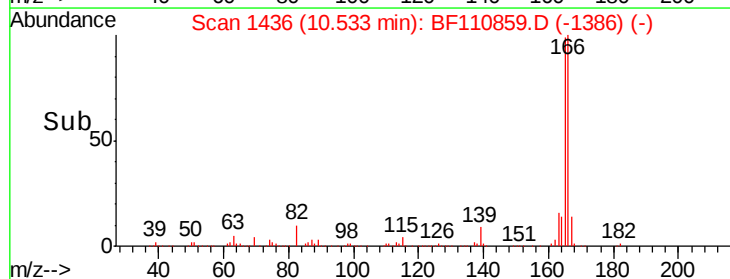
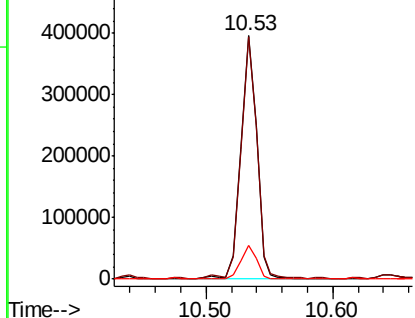


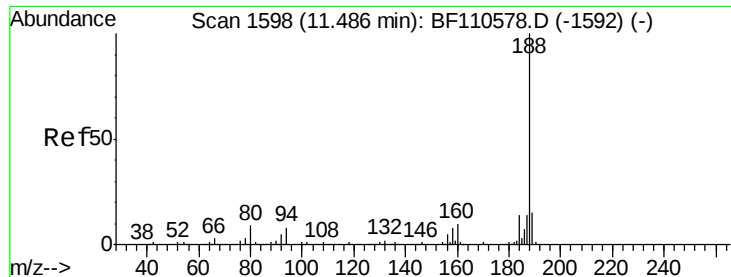
#58
Fluorene
Concen: 44.698 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

Tgt Ion:166 Resp: 342899
Ion Ratio Lower Upper
166 100
165 99.4 78.6 117.8
167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Instrument :

BNA_F

ClientSampleId :

DTW-03(8-10)

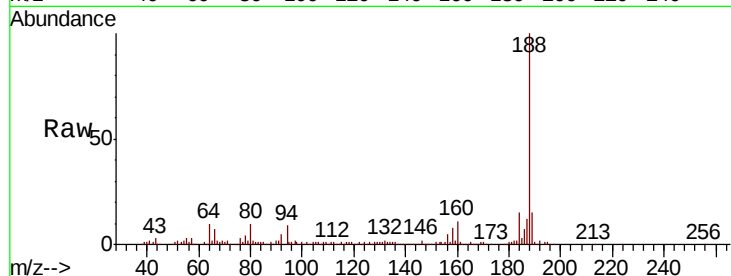
Tgt Ion:188 Resp: 169433

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

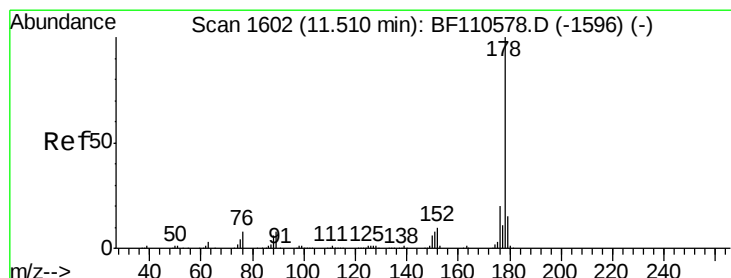
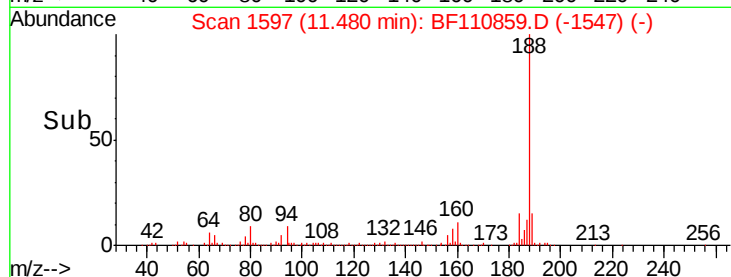
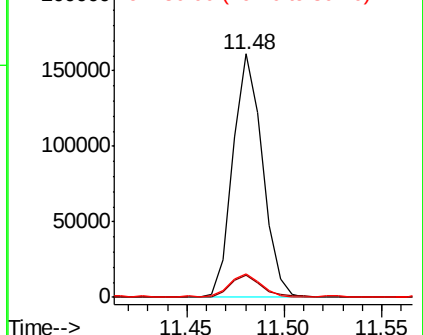
80 9.6 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 203.778 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

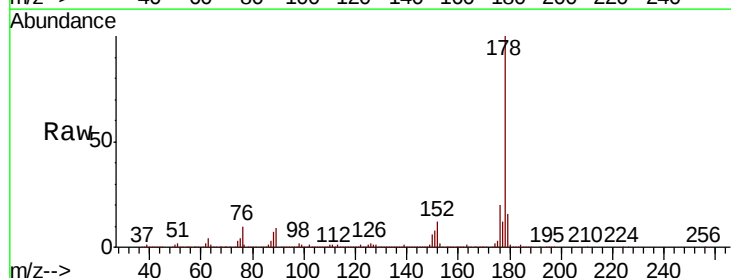
Tgt Ion:178 Resp: 1849765

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

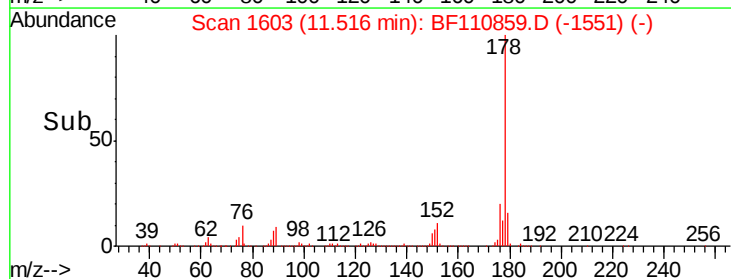
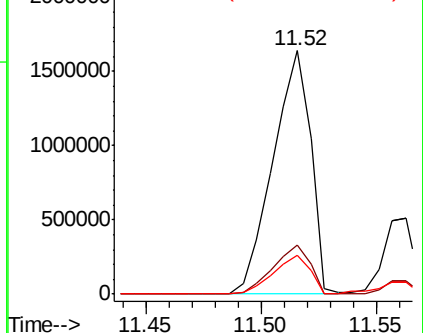
179 15.9 12.5 18.7

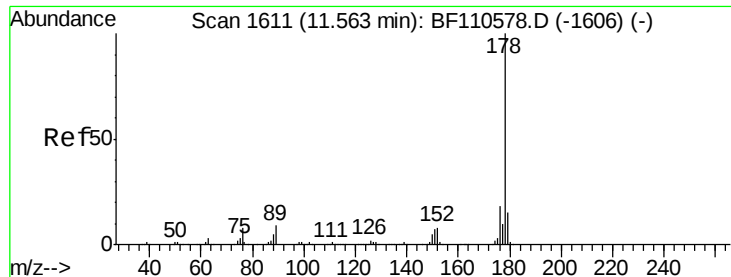


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 50.986 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Instrument :

BNA_F

ClientSampleId :

DTW-03(8-10)

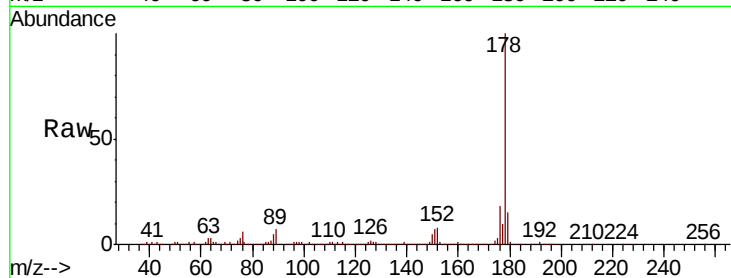
Tgt Ion:178 Resp: 466868

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

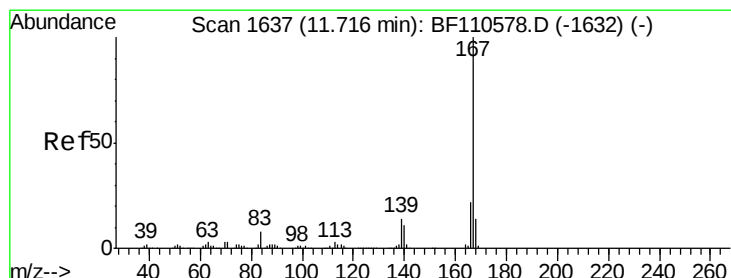
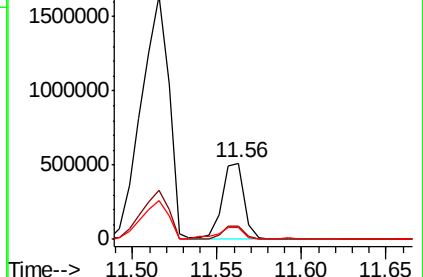
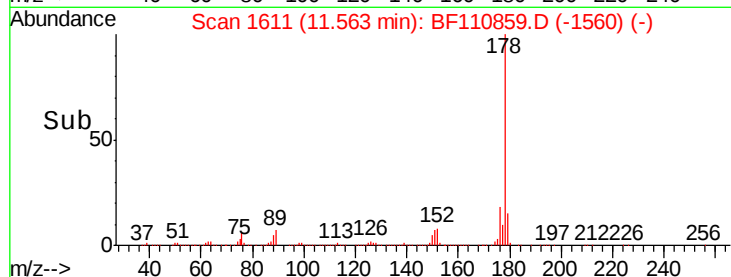
179 15.0 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 4.444 ng

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

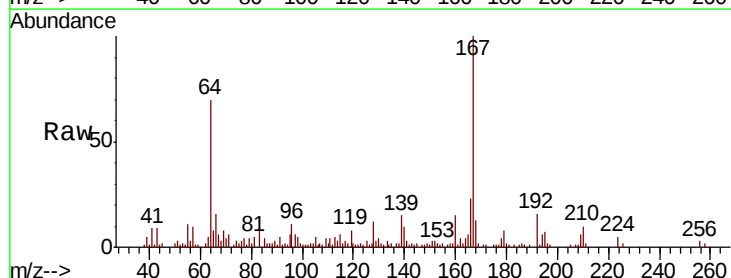
Tgt Ion:167 Resp: 39081

Ion Ratio Lower Upper

167 100

166 23.3 17.4 26.0

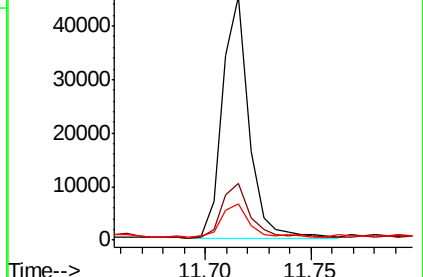
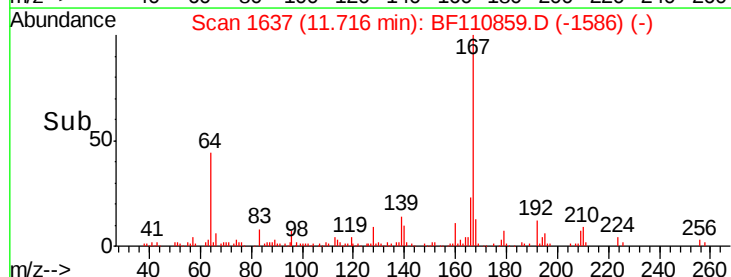
139 15.0 10.9 16.3

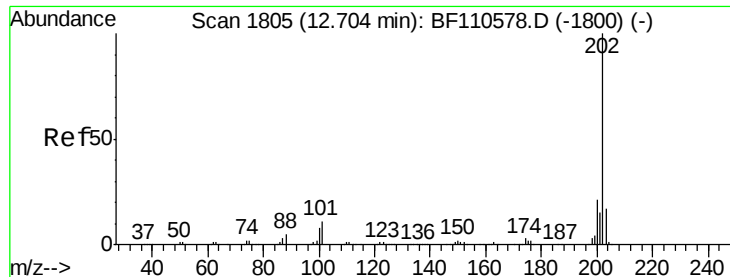


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 110.396 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Instrument :

BNA_F

ClientSampleId :

DTW-03(8-10)

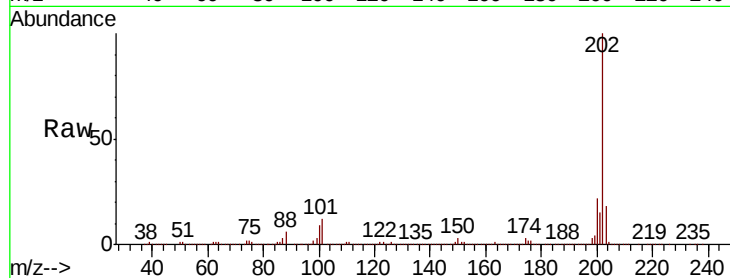
Tgt Ion:202 Resp: 1004677

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.4

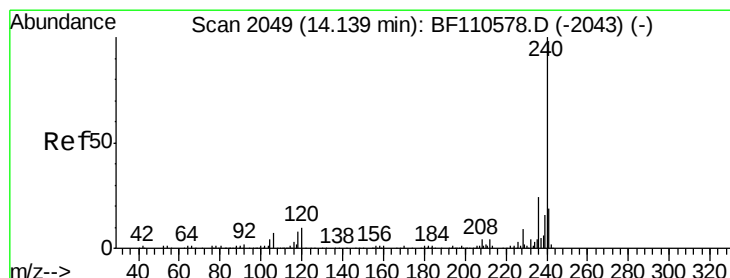
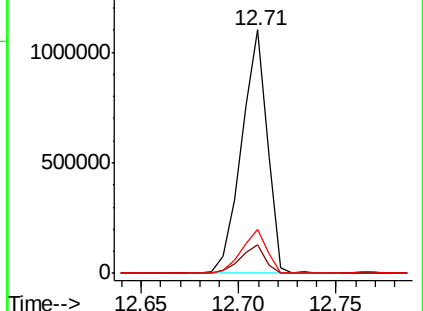
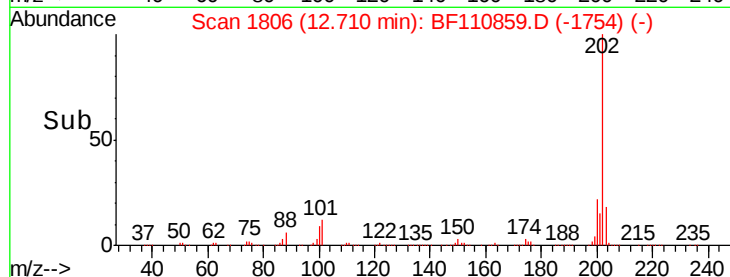
203 17.9 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

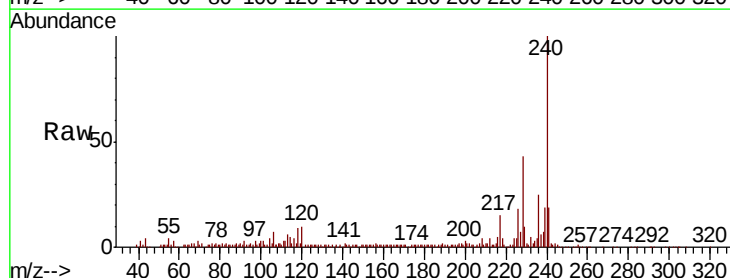
Tgt Ion:240 Resp: 139363

Ion Ratio Lower Upper

240 100

120 9.9 8.3 12.5

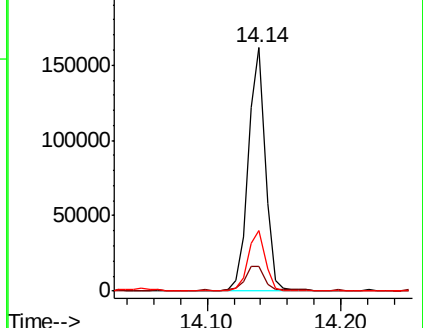
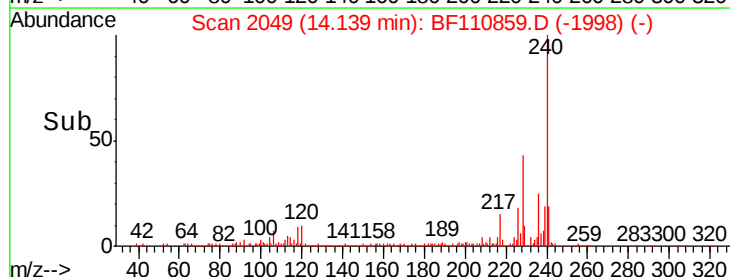
236 25.0 21.2 31.8

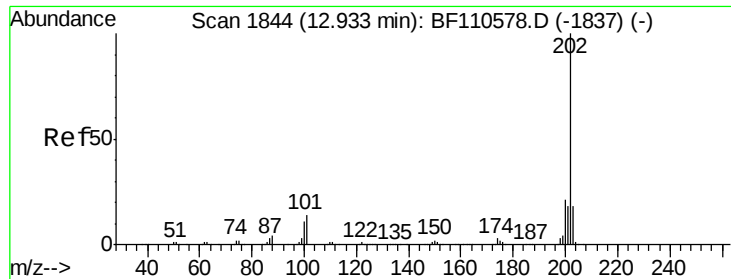


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

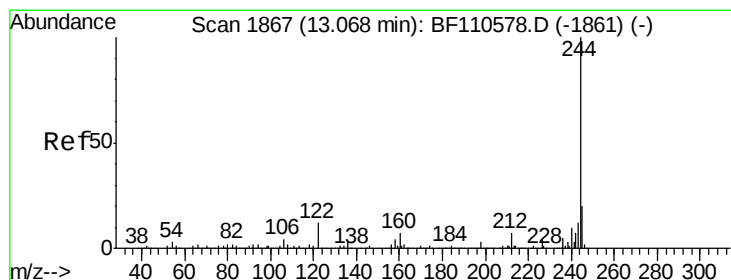
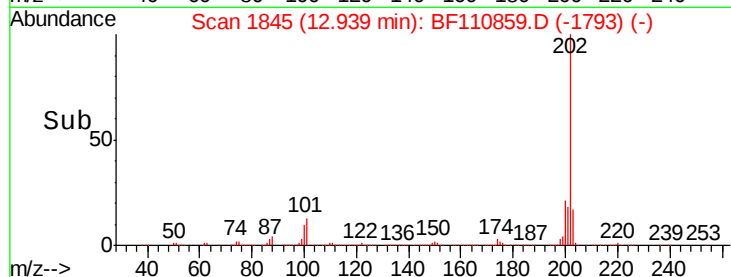
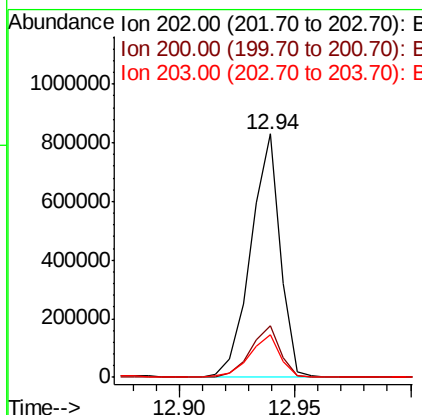
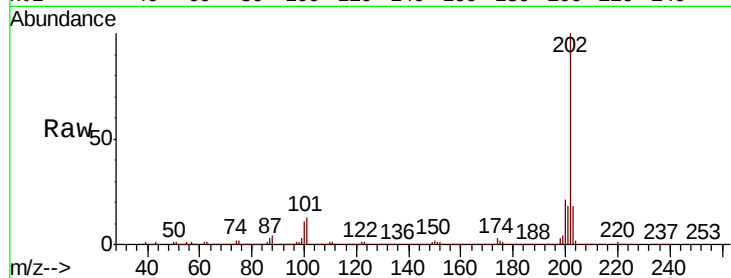




#78
 Pyrene
 Concen: 68.241 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BF110859.D
 Acq: 19 Nov 2018 17:59

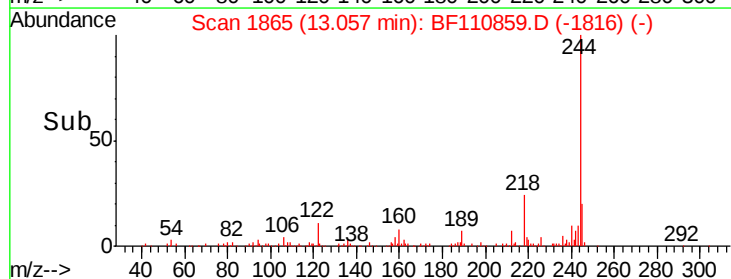
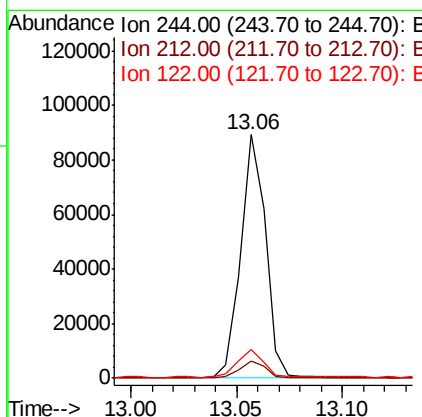
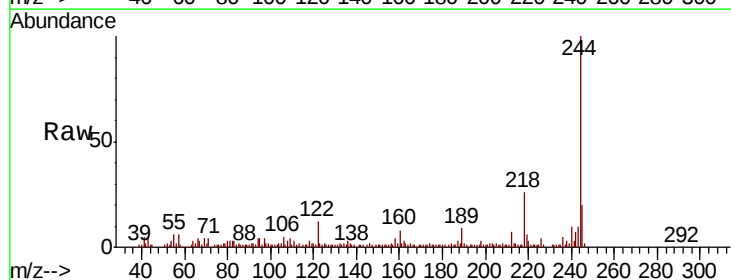
Instrument :
 BNA_F
 ClientSampleID :
 DTW-03(8-10)

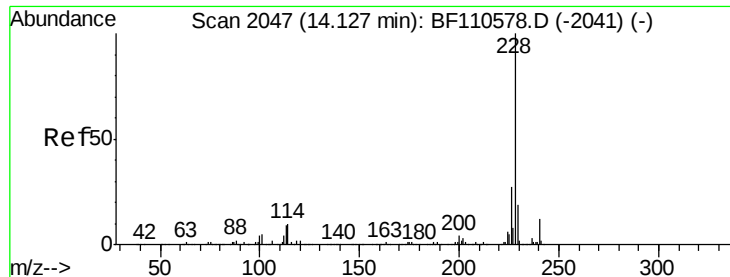
Tgt Ion: 202 Resp: 732272
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.8 26.6
 203 17.6 14.2 21.4



#79
 Terphenyl-d14
 Concen: 9.740 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110859.D
 Acq: 19 Nov 2018 17:59

Tgt Ion: 244 Resp: 72482
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.7 8.7 13.1

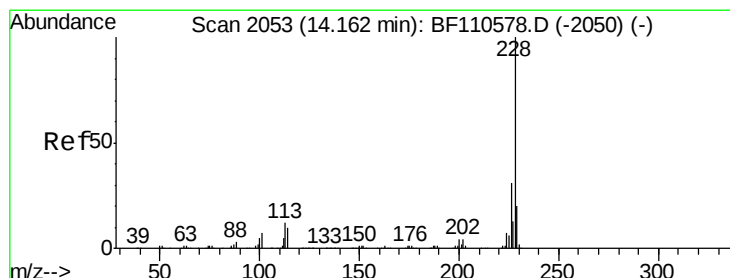
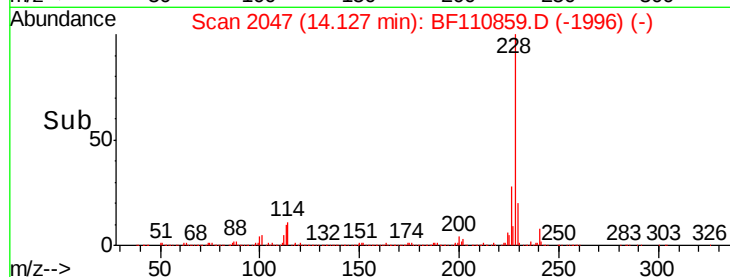
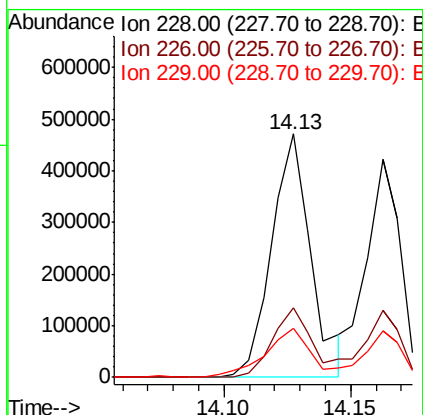
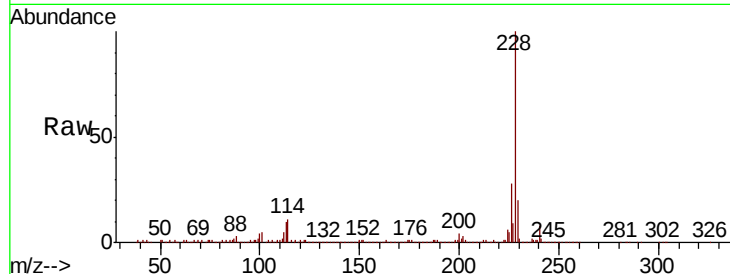




#81
Benzo(a)anthracene
Concen: 60.978 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

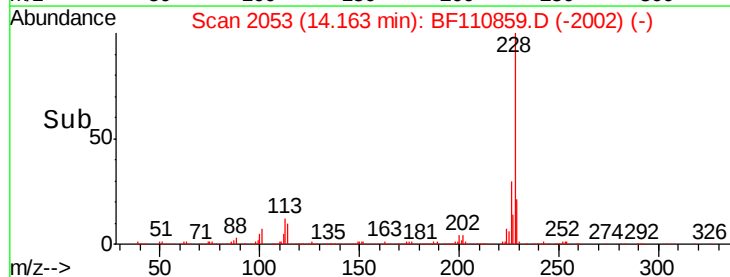
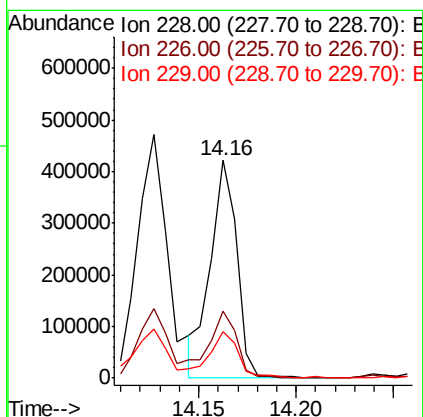
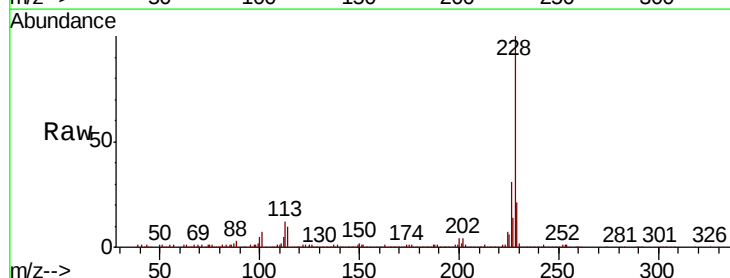
Instrument :
BNA_F
ClientSampleId :
DTW-03(8-10)

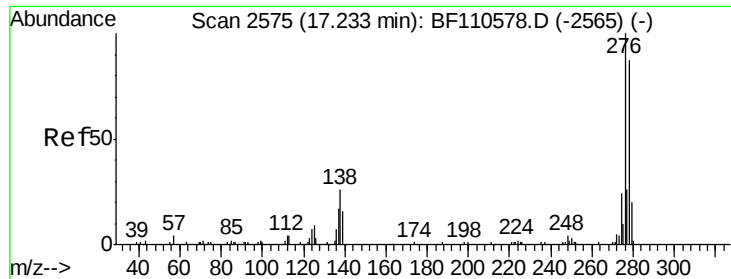
Tgt Ion:228 Resp: 507937
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 20.3 15.6 23.4



#83
Chrysene
Concen: 49.610 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

Tgt Ion:228 Resp: 393703
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 21.4 15.9 23.9





#86

Indeno(1,2,3-cd)pyrene

Concen: 23.469 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.01 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Instrument :

BNA_F

ClientSampleId :

DTW-03(8-10)

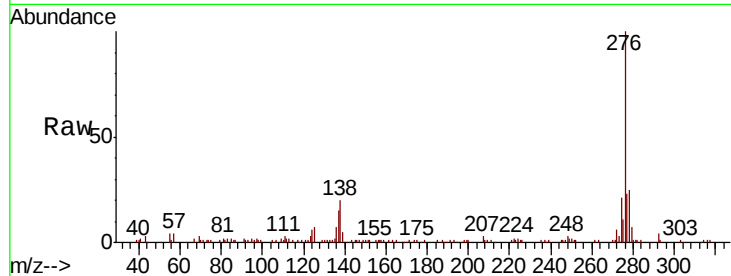
Tgt Ion:276 Resp: 133649

Ion Ratio Lower Upper

276 100

138 21.2 18.5 27.7

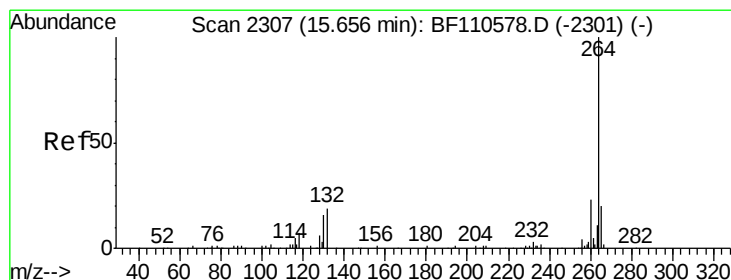
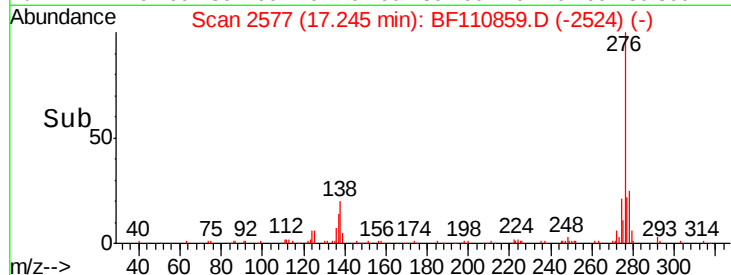
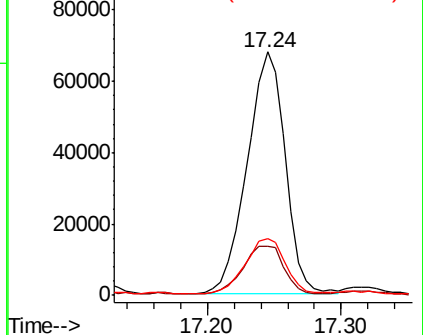
277 23.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

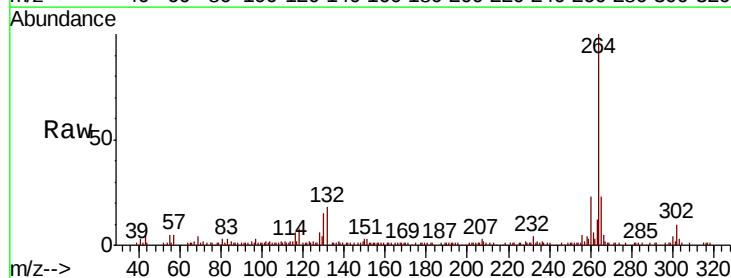
Tgt Ion:264 Resp: 100653

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

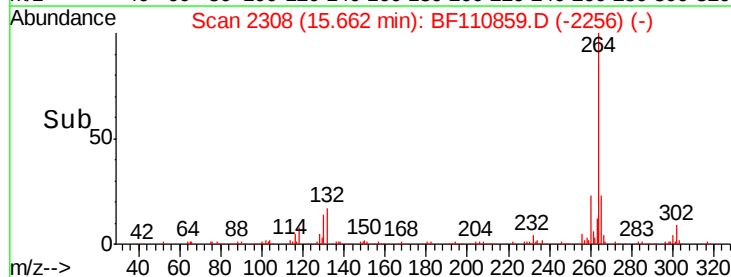
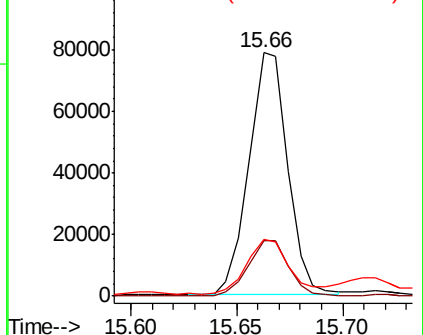
265 23.1 16.7 25.1

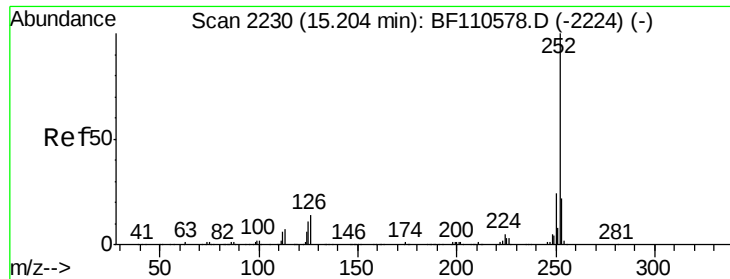


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

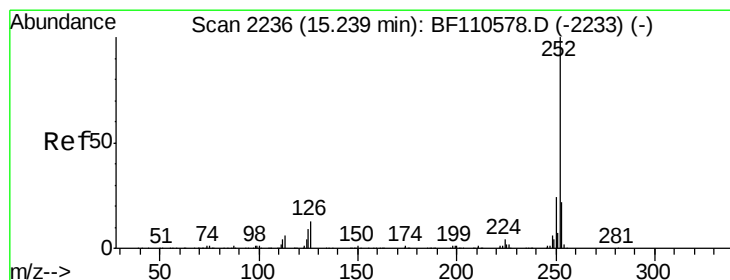
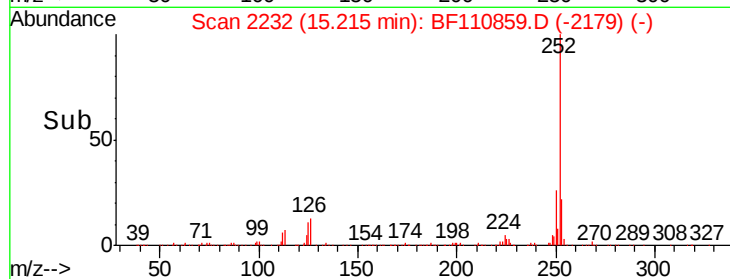
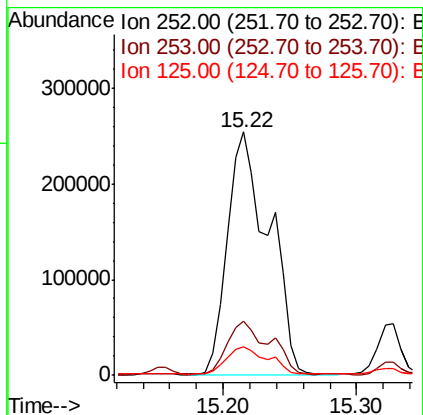
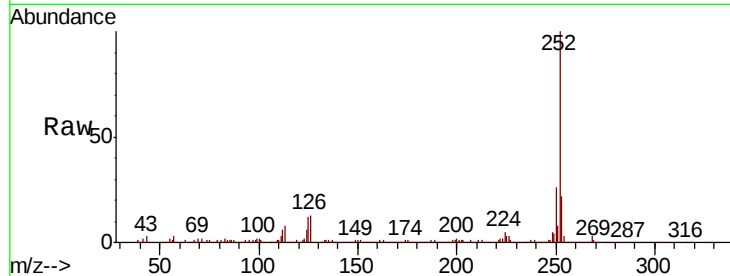




#88
Benzo(b)fluoranthene
Concen: 91.306 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

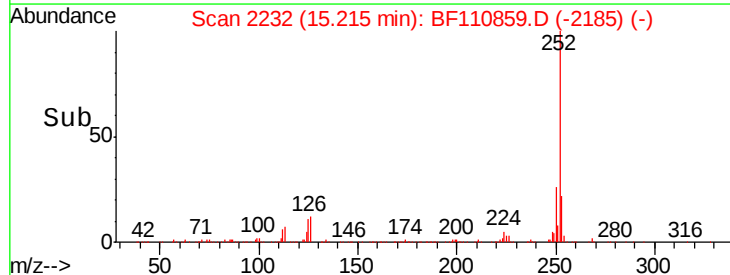
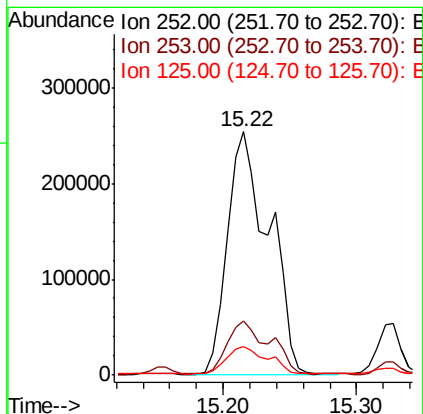
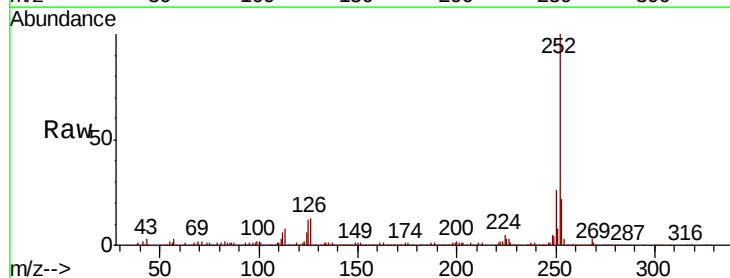
Instrument :
BNA_F
ClientSampleId :
DTW-03(8-10)

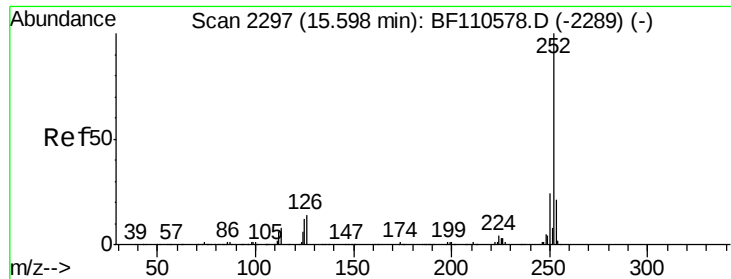
Tgt Ion:252 Resp: 549791
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.9 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 92.404 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110859.D
Acq: 19 Nov 2018 17:59

Tgt Ion:252 Resp: 549791
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.9 7.4 11.0#





#90

Benzo(a)pyrene

Concen: 44.640 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Instrument :

BNA_F

ClientSampleId :

DTW-03(8-10)

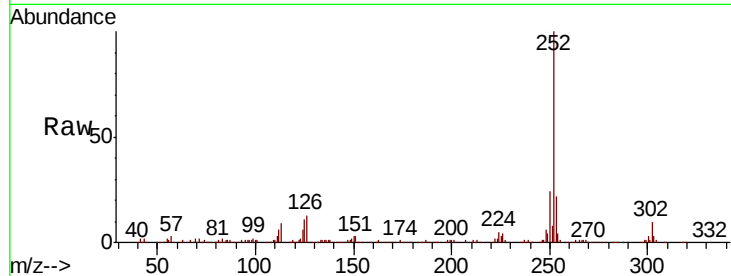
Tgt Ion:252 Resp: 244222

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

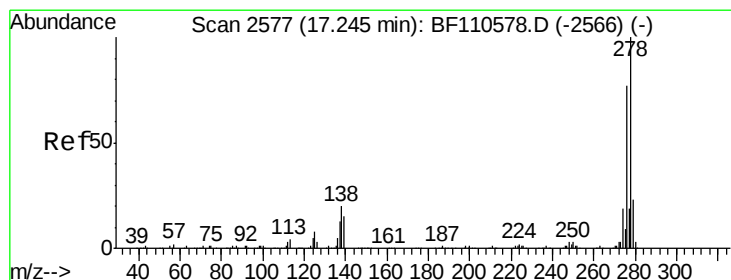
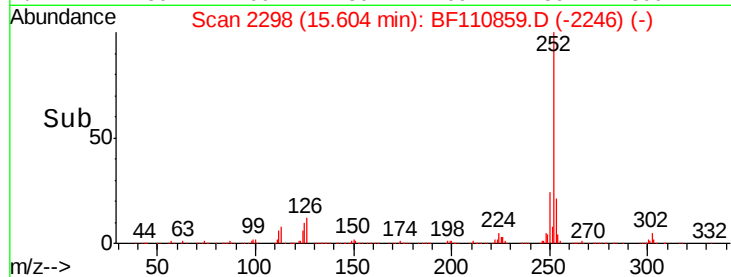
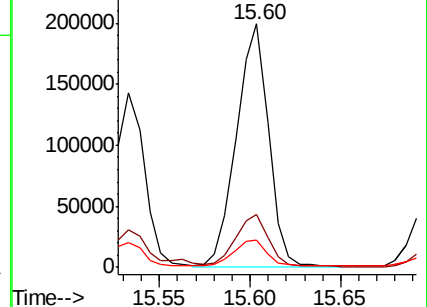
125 11.1 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 7.317 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.18 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

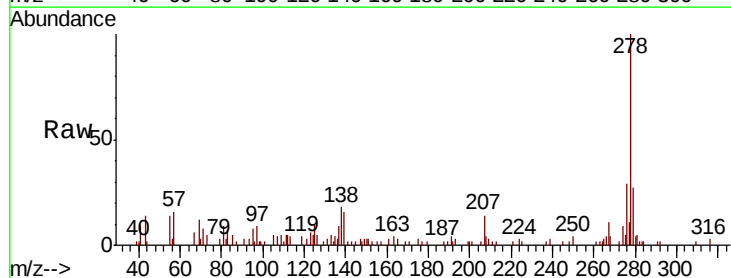
Tgt Ion:278 Resp: 33876

Ion Ratio Lower Upper

278 100

139 16.2 12.7 19.1

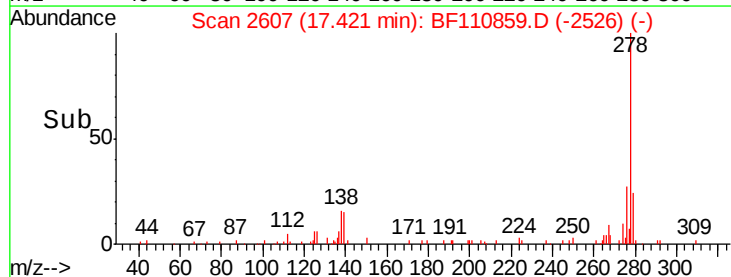
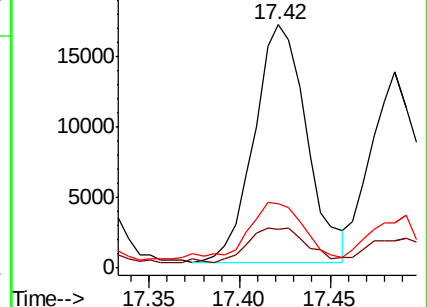
279 26.5 19.0 28.4

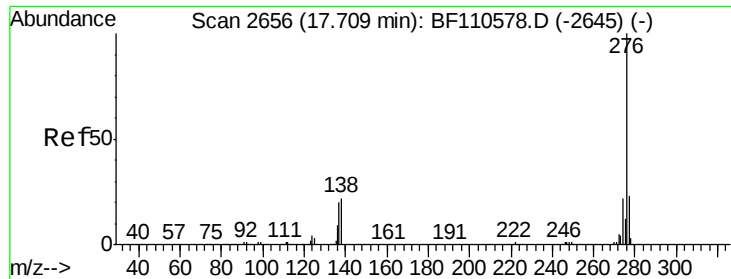


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 24.196 ng

RT: 17.73 min Scan# 2659

Delta R.T. 0.02 min

Lab File: BF110859.D

Acq: 19 Nov 2018 17:59

Instrument :

BNA_F

ClientSampleId :

DTW-03(8-10)

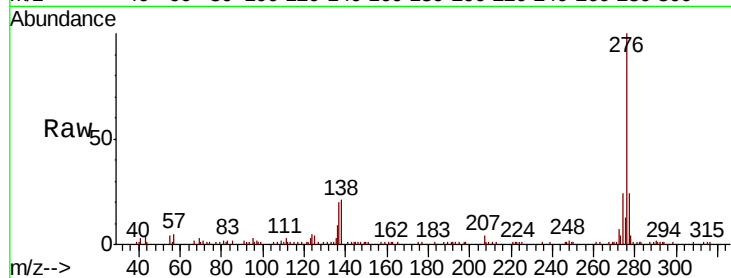
Tgt Ion: 276 Resp: 111147

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.7 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

