

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\
 Data File : BF108820.D
 Acq On : 6 Sep 2018 12:31
 Operator : JU/SJ
 Sample : J4724-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

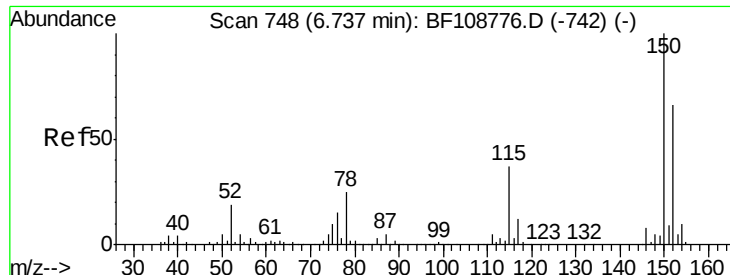
Quant Time: Sep 06 13:17:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	239631	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	844328	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	334723	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	561513	20.00	ng	0.00
75) Chrysene-d12	13.87	240	591425	20.00	ng	0.00
86) Perylene-d12	15.28	264	505762	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1044142	72.19	ng	0.01
7) Phenol-d6	6.37	99	1297674	69.73	ng	0.00
23) Nitrobenzene-d5	7.30	82	757489	56.14	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	221269	69.25	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1277267	65.10	ng	0.00
78) Terphenyl-d14	12.82	244	1153717	45.49	ng	0.00

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	102213	7.901	ng	# 75
25) Isophorone	7.30	82	750619	27.892	ng	# 64
31) Naphthalene	8.04	128	104311	2.746	ng	# 99
32) Benzoic acid	7.80	122	865	4.136	ng	# 18
49) Dimethylphthalate	9.48	163	470634	20.103	ng	# 99
51) Acenaphthene	9.80	154	49081	2.553	ng	# 96
55) 4-Nitrophenol	9.97	139	16149	4.068	ng	# 11
56) 2,4-Dinitrotoluene	9.77	165	43670	7.655	ng	# 23
57) Fluorene	10.31	166	38550	2.144	ng	# 96
64) 4,6-Dinitro-2-methylphenol	10.55	198	463	7.048	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13178	2.078	ng	# 1
70) Phenanthrene	11.27	178	511410	19.072	ng	# 99
71) Anthracene	11.32	178	73405	2.859	ng	# 97
72) Carbazole	11.47	167	67311	2.490	ng	# 98
74) Fluoranthene	12.45	202	659720	24.849	ng	# 99
77) Pyrene	12.68	202	563551	12.383	ng	# 99
80) Benzo(a)anthracene	13.86	228	278463	7.346	ng	# 98
82) Chrysene	13.90	228	281313	7.666	ng	# 96
87) Benzo(b)fluoranthene	14.88	252	424772	15.446	ng	# 96
88) Benzo(k)fluoranthene	14.88	252	424772	16.772	ng	# 99
89) Benzo(a)pyrene	15.21	252	202623	8.166	ng	# 97
91) Benzo(g,h,i)perylene	17.02	276	97243	4.442	ng	# 96

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

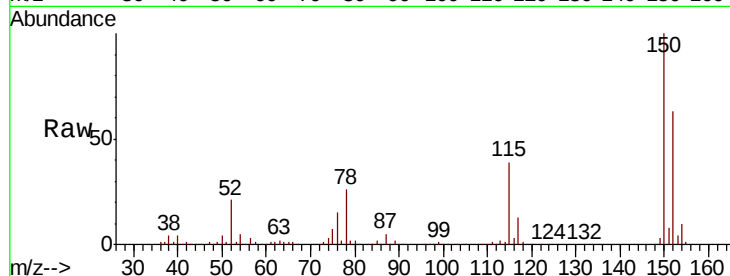


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	62.9	50.1	75.1

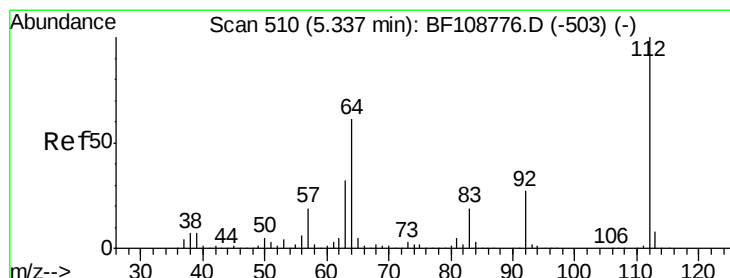
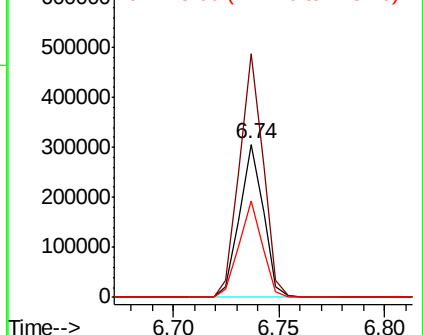
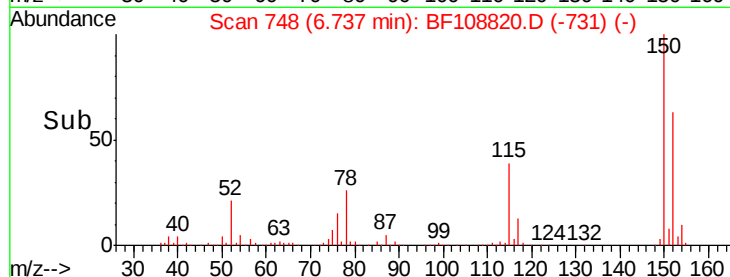


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

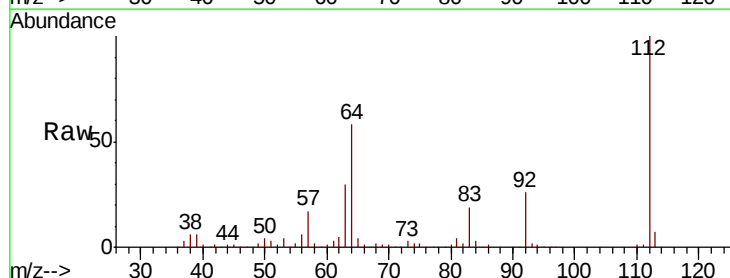
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.186 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	29.6	23.7	35.5

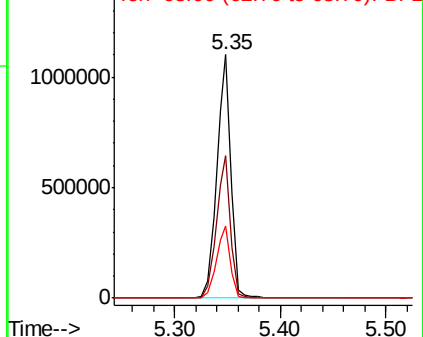
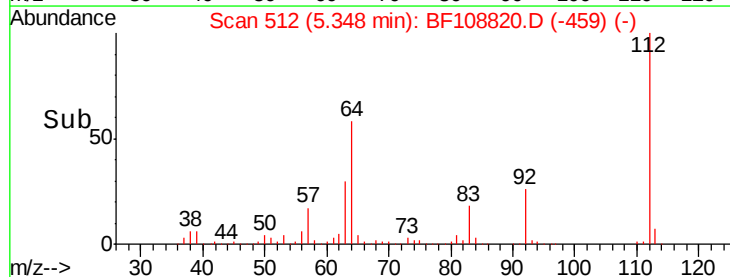


Abundance

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: 69.726 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

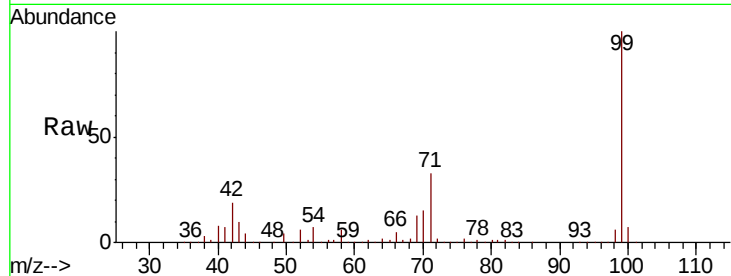
Tot Ion: 99 Resp: 1297674

Ion Ratio Lower Upper

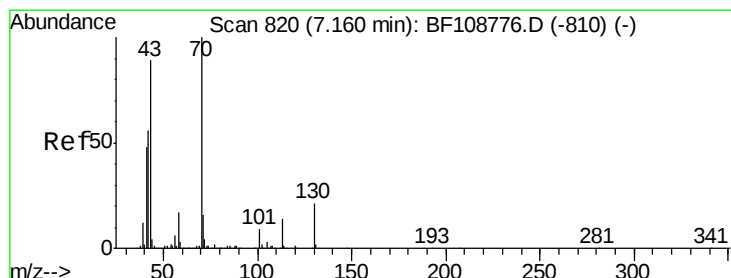
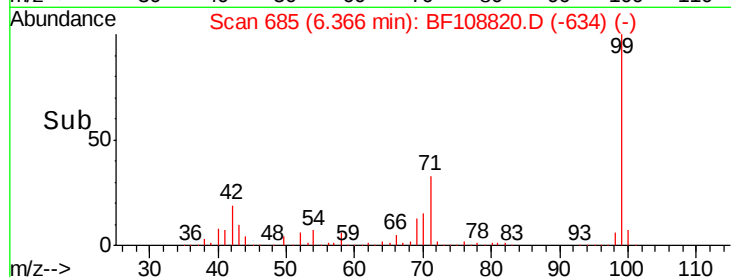
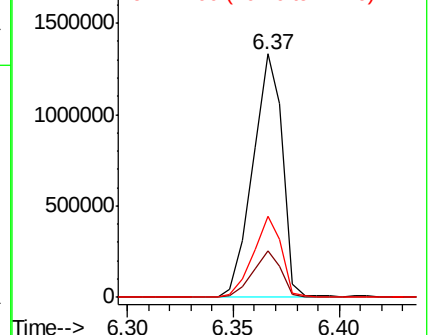
99 100

42 19.1 14.5 21.7

71 33.3 25.4 38.0



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: 7.901 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Tgt Ion: 70 Resp: 102213

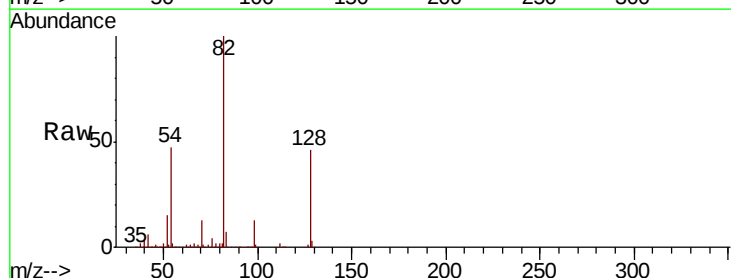
Ion Ratio Lower Upper

70 100

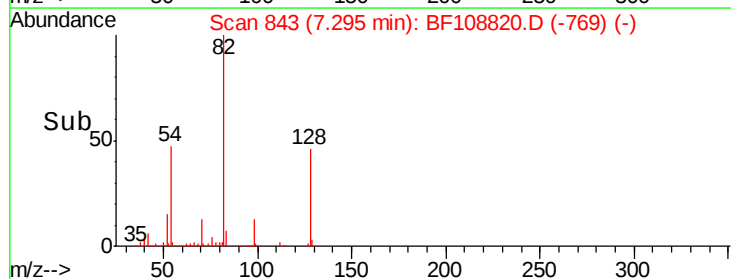
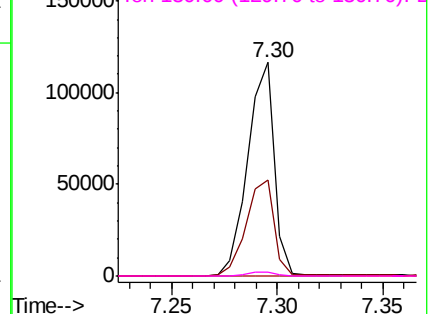
42 44.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



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

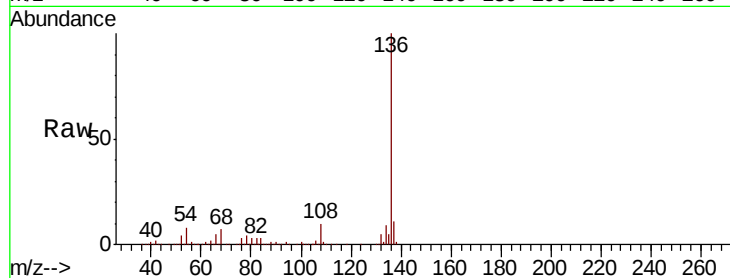




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	844328
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.6	6.6 9.8
68	6.7	5.0 7.4



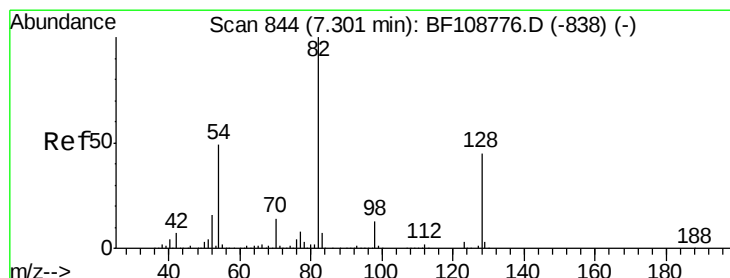
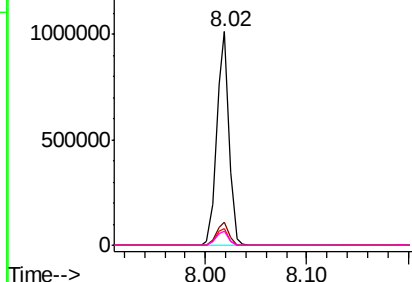
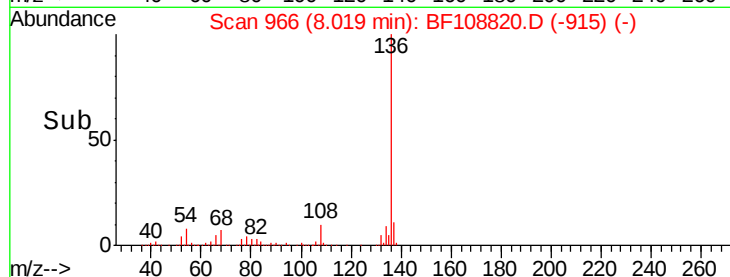
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

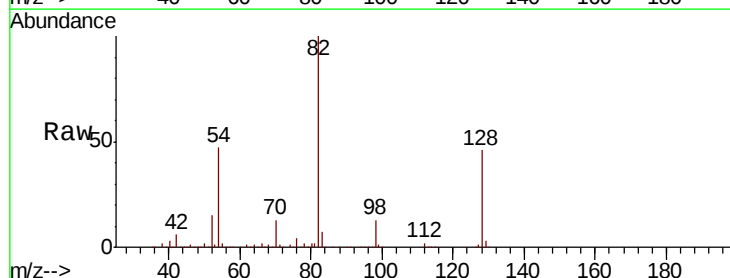
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 56.145 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Tgt Ion: 82	Resp:	757489
Ion	Ratio	Lower Upper
82	100	
128	45.8	36.1 54.1
54	47.1	41.4 62.2

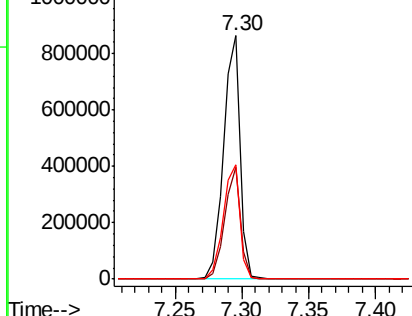
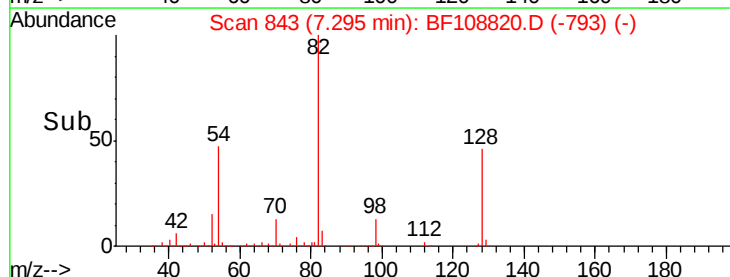


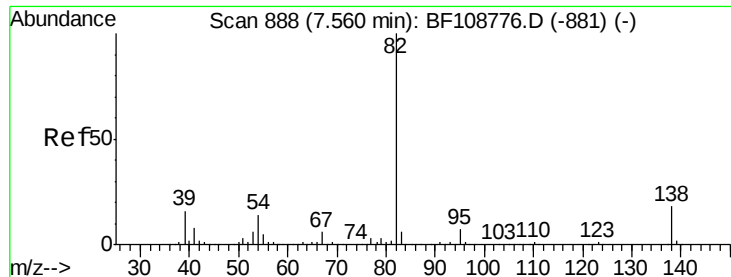
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.892 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Instrument :

BNA_F

ClientSampled :

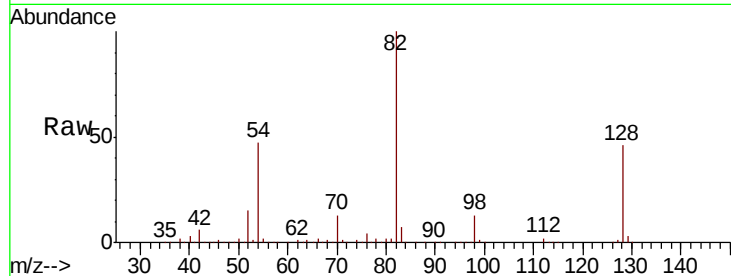
Tot Ion: 82 Resp: 750619

Ion Ratio Lower Upper

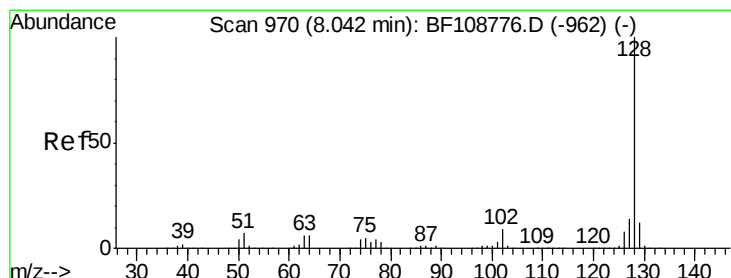
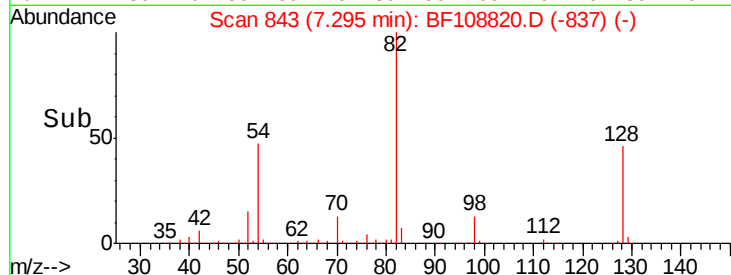
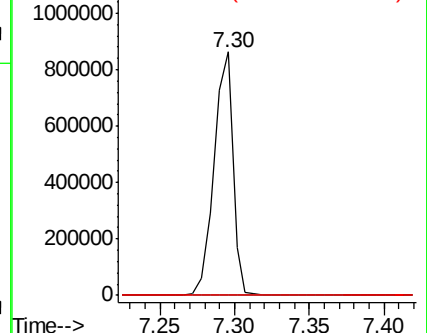
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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: 2.746 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

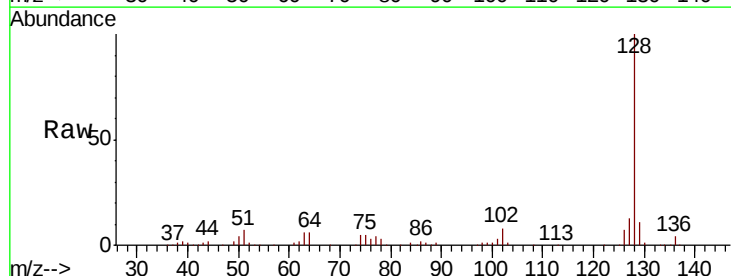
Tgt Ion: 128 Resp: 104311

Ion Ratio Lower Upper

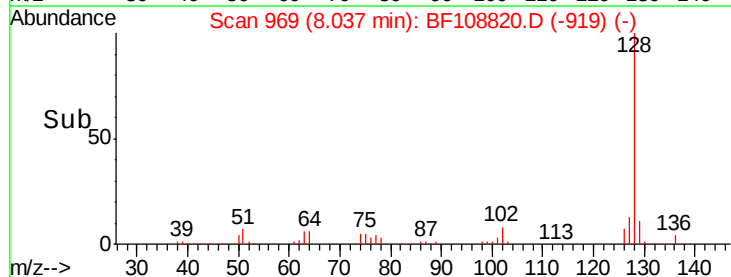
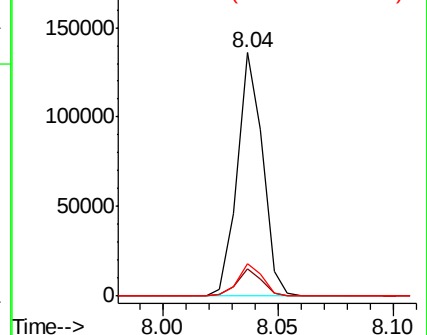
128 100

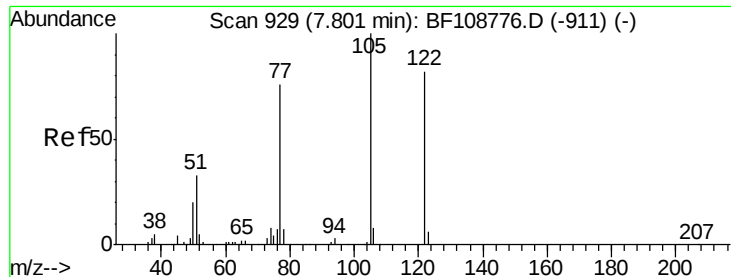
129 11.5 8.8 13.2

127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
Ion 129.00 (128.70 to 129.70): BF1
Ion 127.00 (126.70 to 127.70): BF1

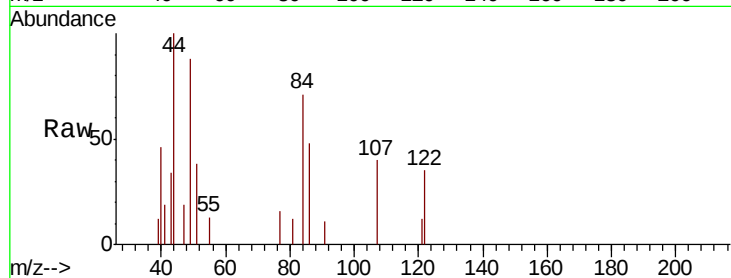




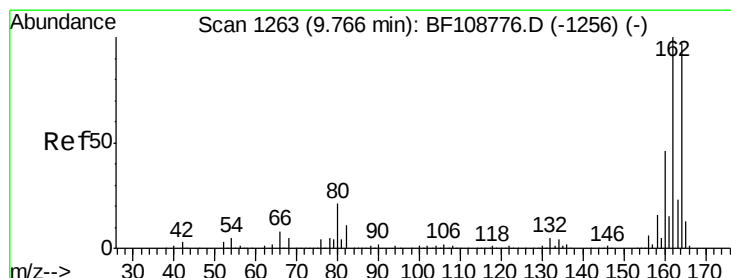
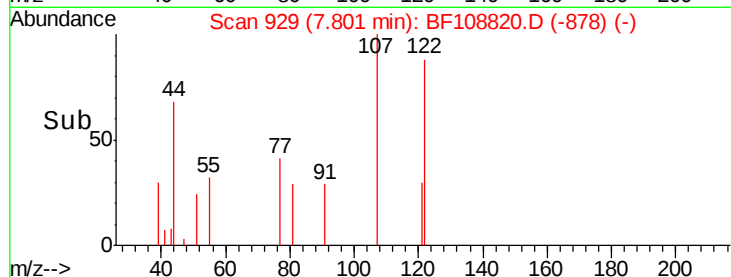
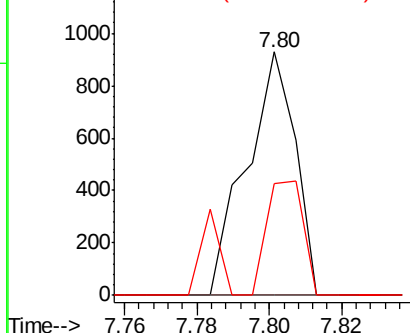
#32
Benzoic acid
Concen: 4.136 ng
RT: 7.80 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 865
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 45.9 70.7 110.7#

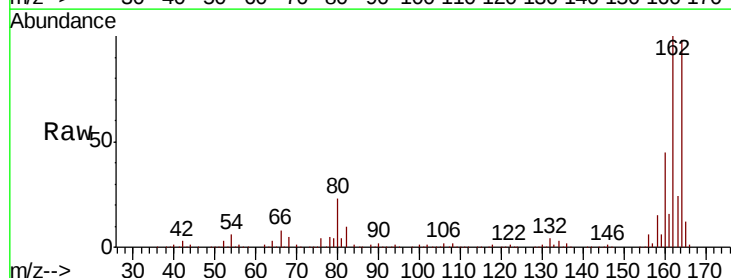


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

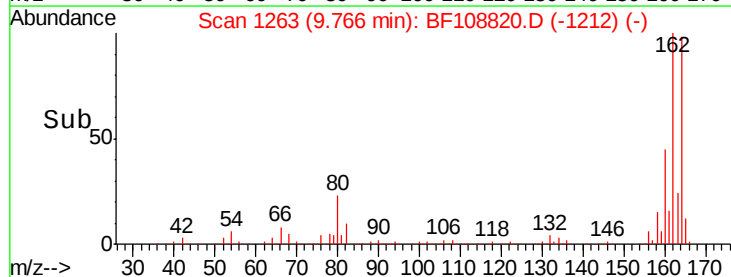
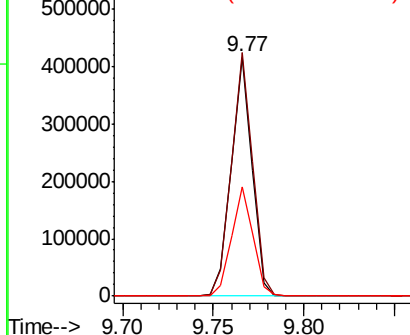


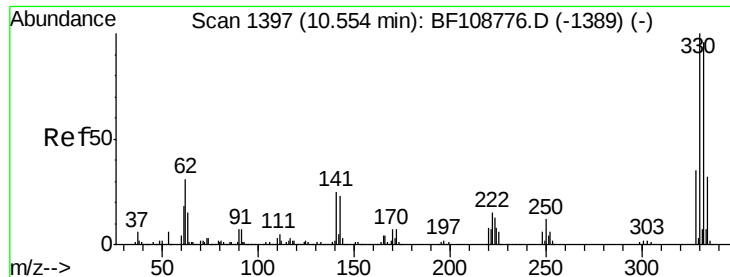
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Tgt Ion:164 Resp: 334723
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 45.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

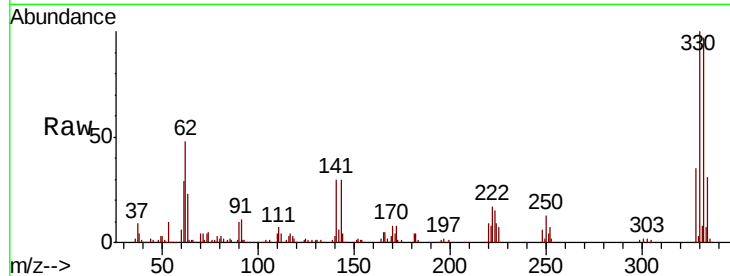




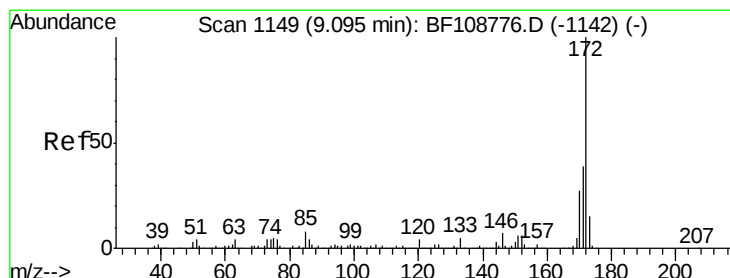
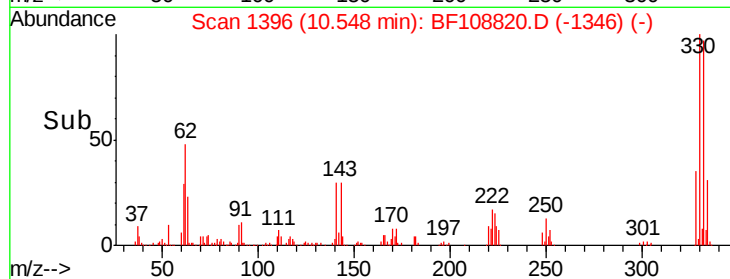
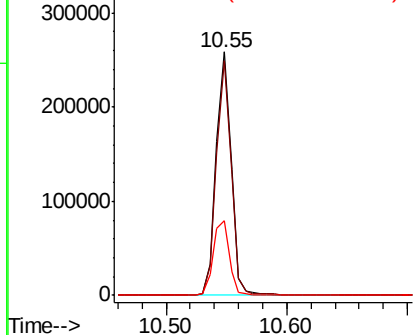
#41
 2,4,6-Tribromophenol
 Concen: 69.245 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108820.D
 Acq: 6 Sep 2018 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	33.2	29.9	44.9

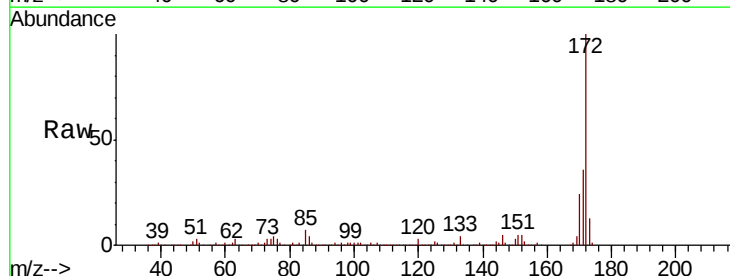


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

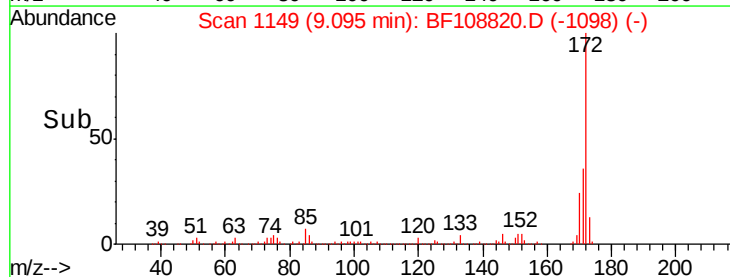
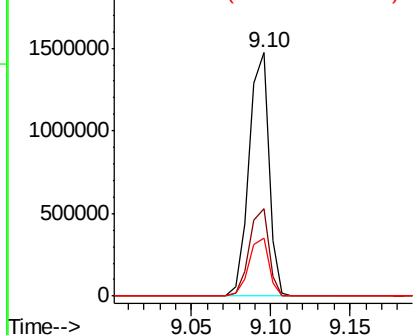


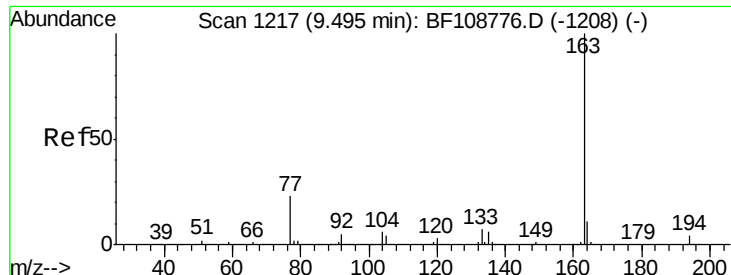
#44
 2-Fluorobiphenyl
 Concen: 65.099 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF108820.D
 Acq: 6 Sep 2018 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4



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

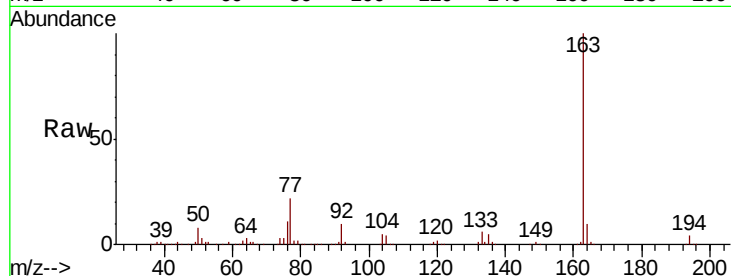




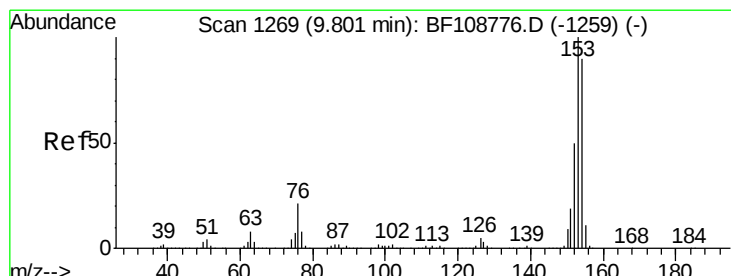
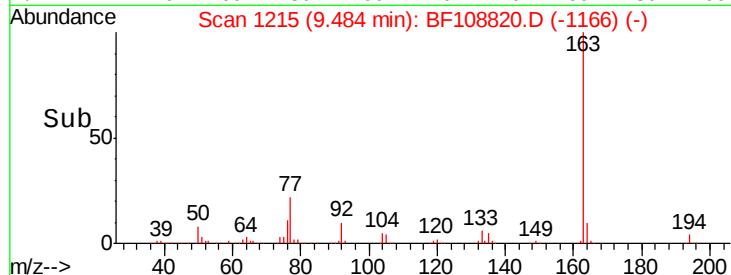
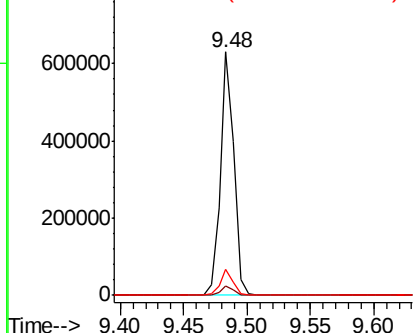
#49
Dimethylphthalate
Concen: 20.103 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 470634
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2

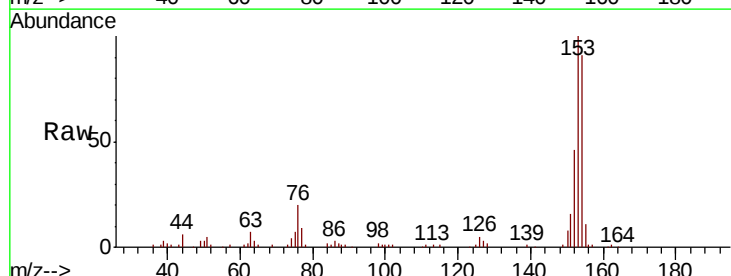


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

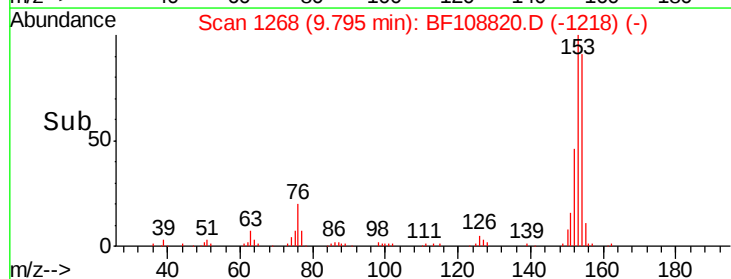
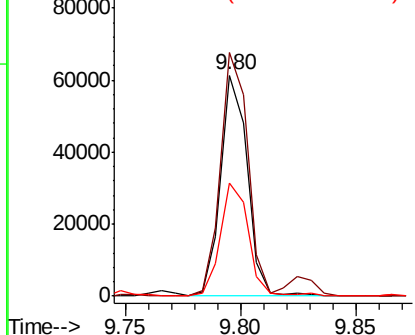


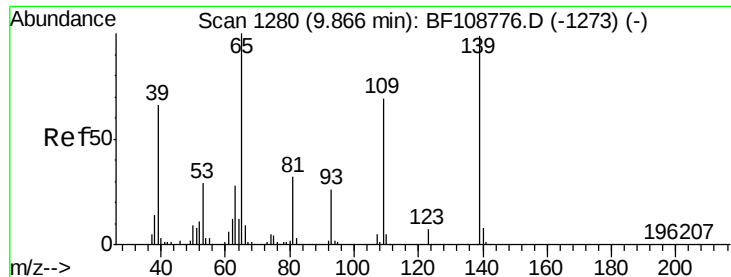
#51
Acenaphthene
Concen: 2.553 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Tgt Ion:154 Resp: 49081
Ion Ratio Lower Upper
154 100
153 110.2 91.2 136.8
152 50.9 43.8 65.8



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





#55

4-Nitrophenol

Concen: 4.068 ng

RT: 9.97 min Scan# 1297

Delta R.T. 0.10 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

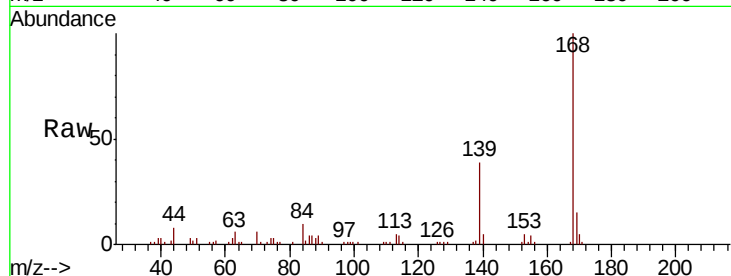
Tot Ion:139 Resp: 16149

Ion Ratio Lower Upper

139 100

109 1.9 48.4 88.4#

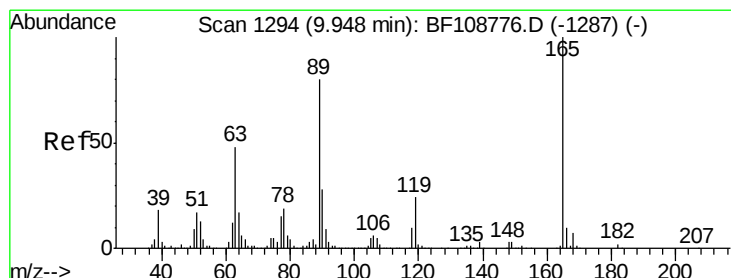
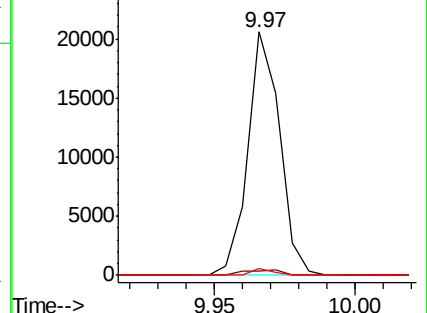
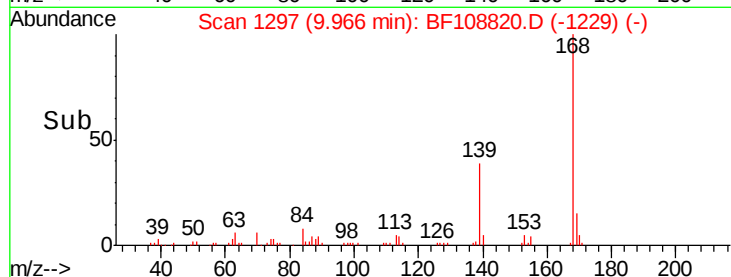
65 2.7 72.6 112.6#



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



#56

2,4-Dinitrotoluene

Concen: 7.655 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.18 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Tgt Ion:165 Resp: 43670

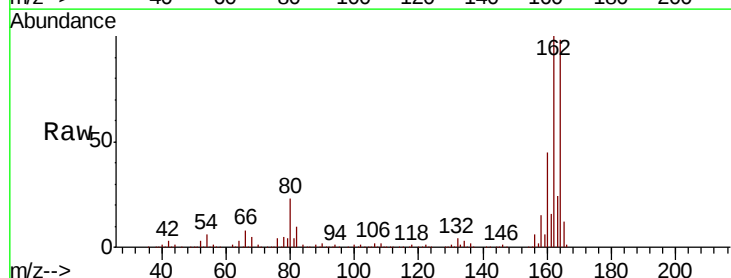
Ion Ratio Lower Upper

165 100

63 0.9 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

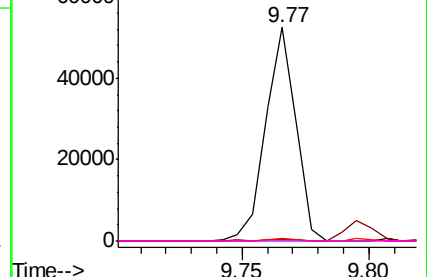
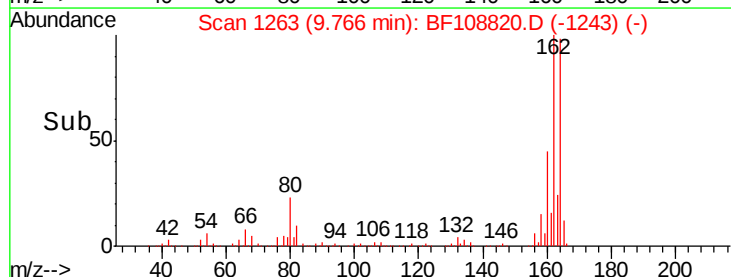


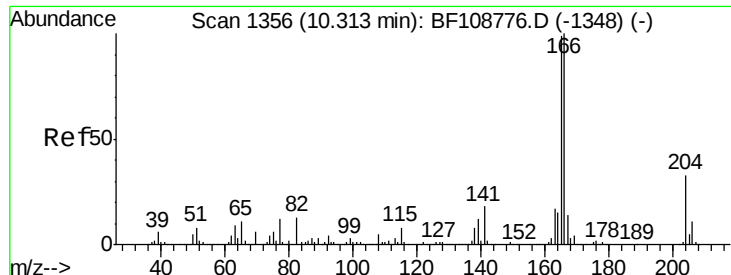
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

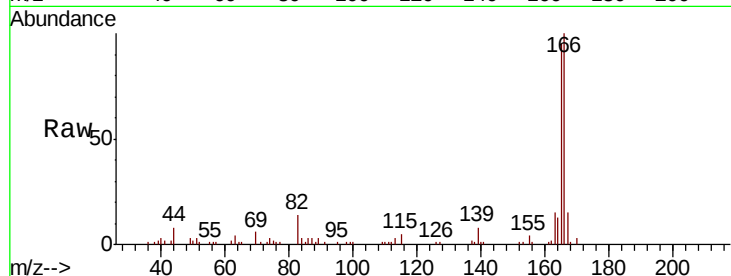




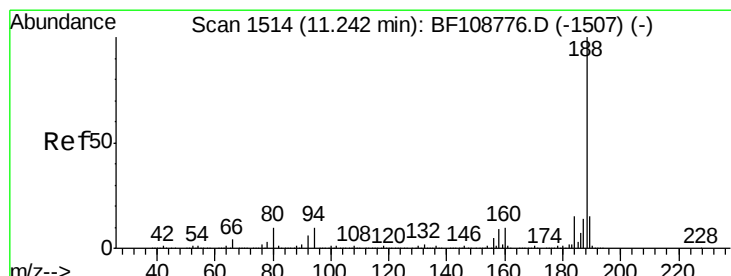
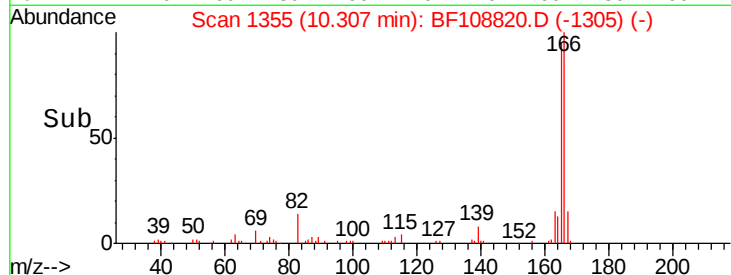
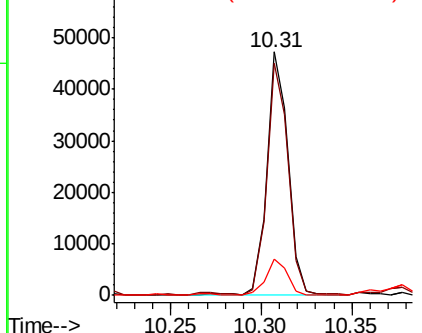
#57
 Fluorene
 Concen: 2.144 ng
 RT: 10.31 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF108820.D
 Acq: 6 Sep 2018 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 38550
 Ion Ratio Lower Upper
 166 100
 165 95.4 79.8 119.8
 167 14.8 10.6 16.0

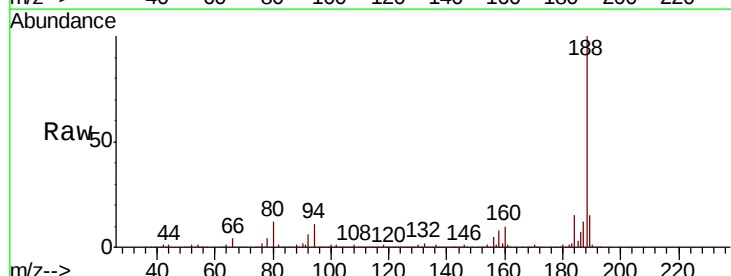


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

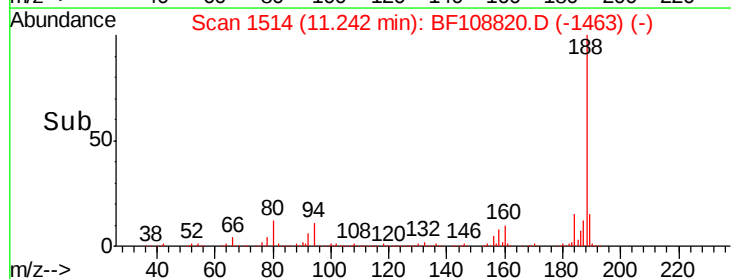
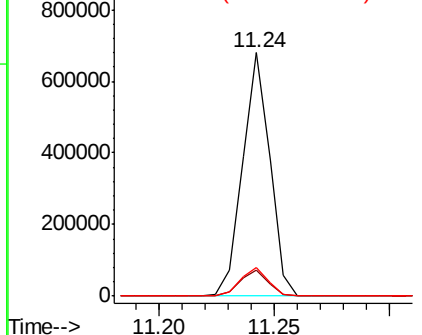


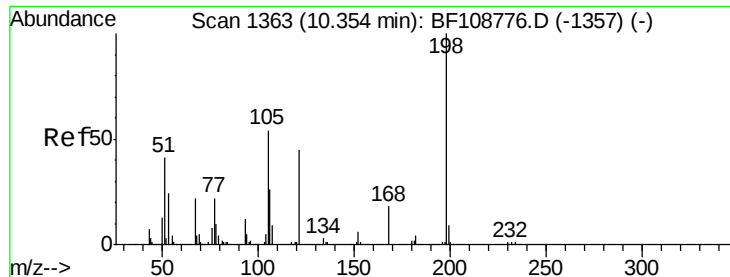
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF108820.D
 Acq: 6 Sep 2018 12:31

Tgt Ion:188 Resp: 561513
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.6 9.2 13.8



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

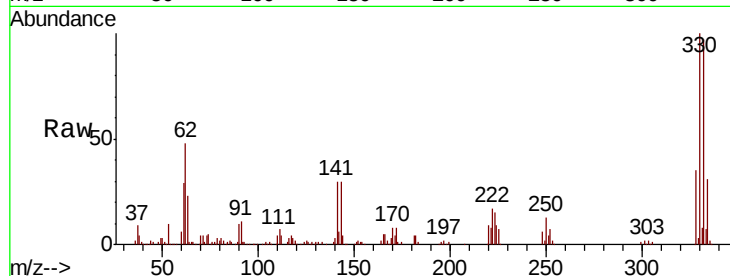




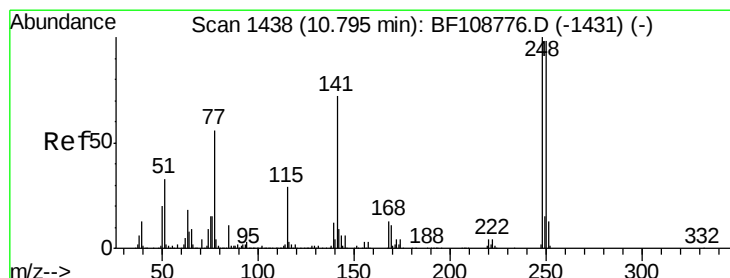
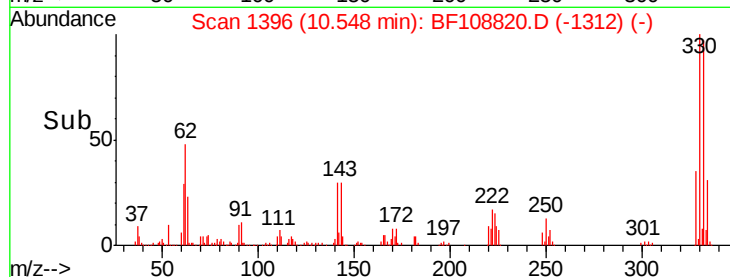
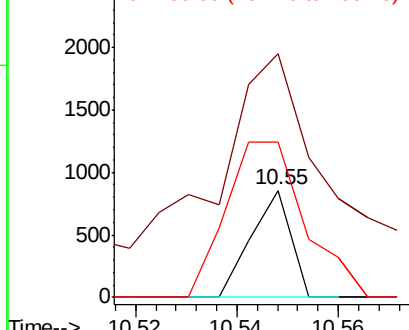
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.048 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108820.D
 Acq: 6 Sep 2018 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 463
 Ion Ratio Lower Upper
 198 100
 51 227.6 37.7 77.7#
 105 145.4 36.3 76.3#

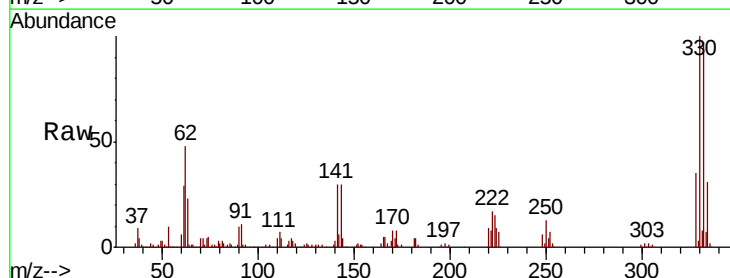


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

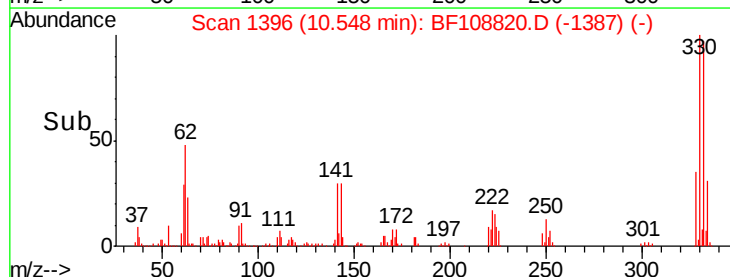
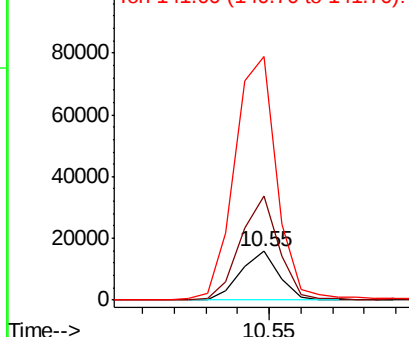


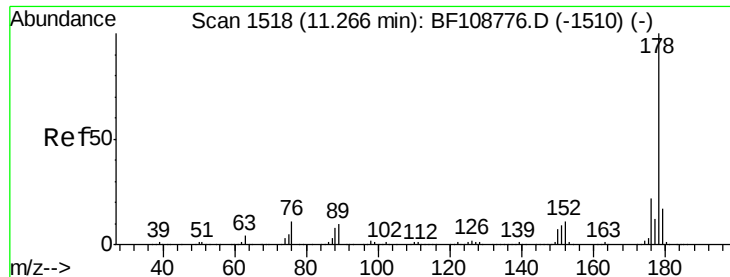
#66
 4-Bromophenyl-phenylether
 Concen: 2.078 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108820.D
 Acq: 6 Sep 2018 12:31

Tgt Ion:248 Resp: 13178
 Ion Ratio Lower Upper
 248 100
 250 213.8 76.9 115.3#
 141 500.6 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

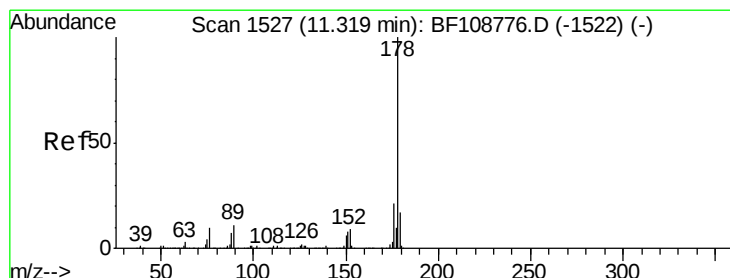
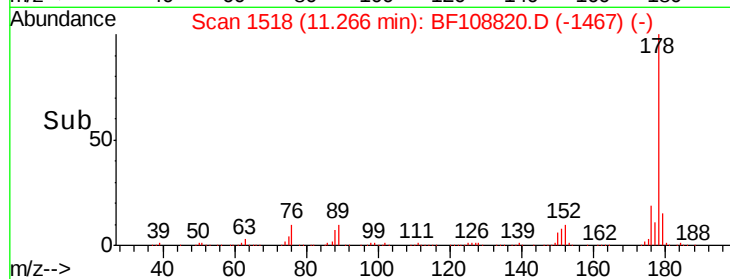
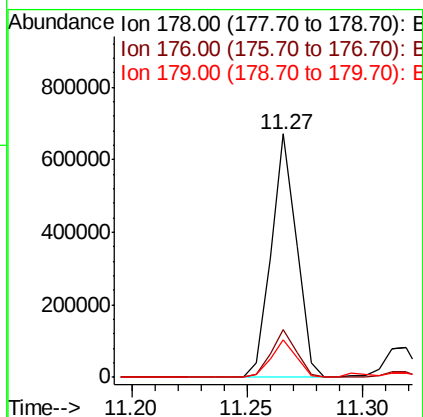
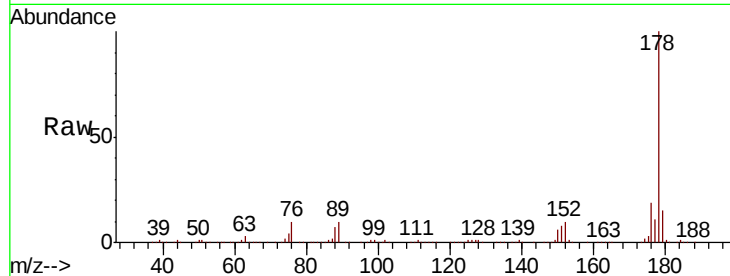




#70
Phenanthrene
Concen: 19.072 ng
RT: 11.27 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

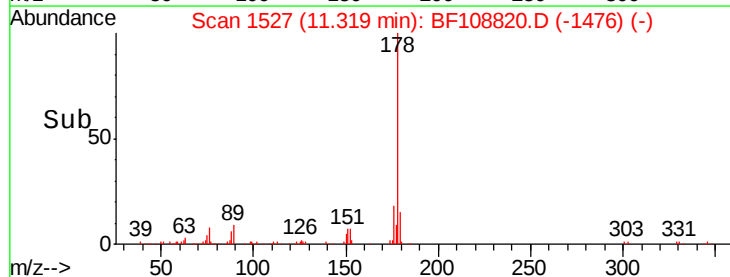
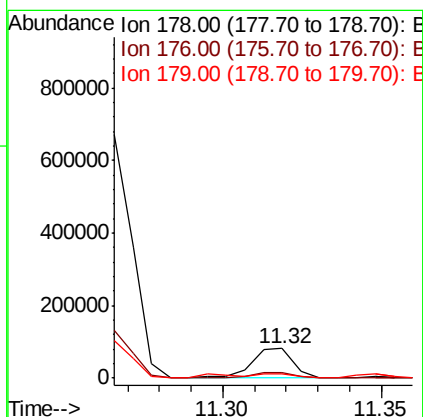
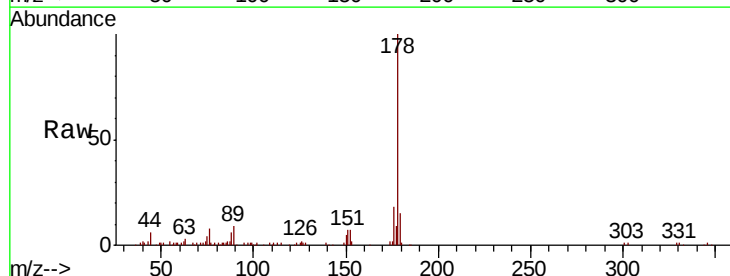
Instrument :
BNA_F
ClientSampleId :

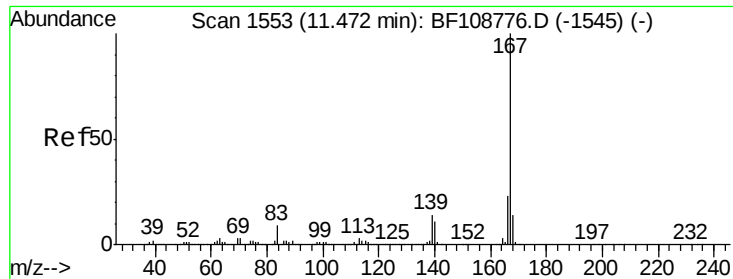
Tot Ion:178 Resp: 511410
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 2.859 ng
RT: 11.32 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Tgt Ion:178 Resp: 73405
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.2
179 14.6 12.6 19.0





#72

Carbazole

Concen: 2.490 ng

RT: 11.47 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

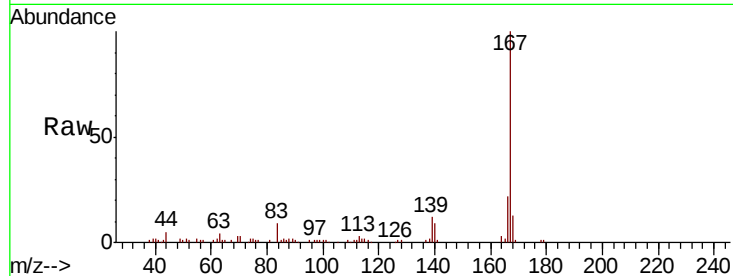
Tot Ion:167 Resp: 67311

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

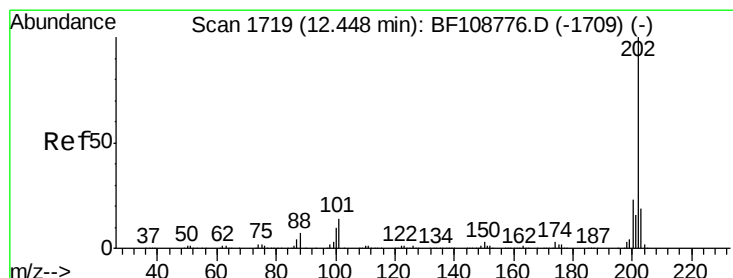
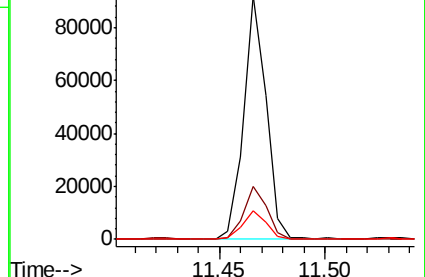
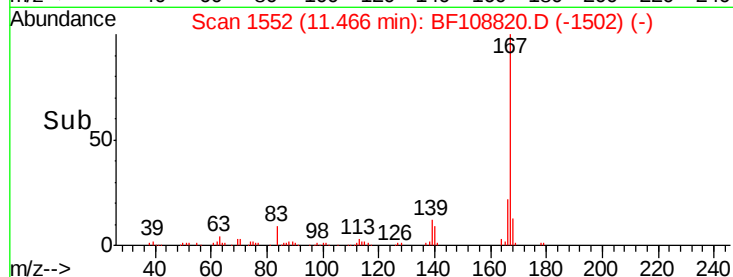
139 11.6 10.9 16.3



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



#74

Fluoranthene

Concen: 24.849 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

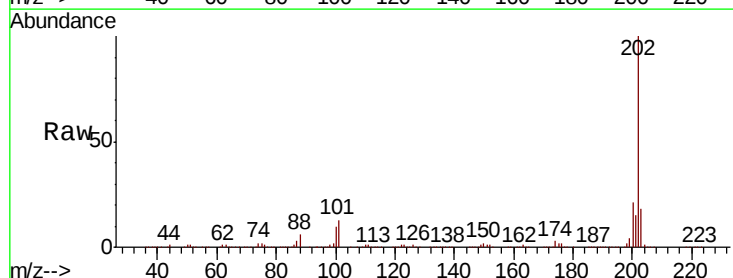
Tgt Ion:202 Resp: 659720

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

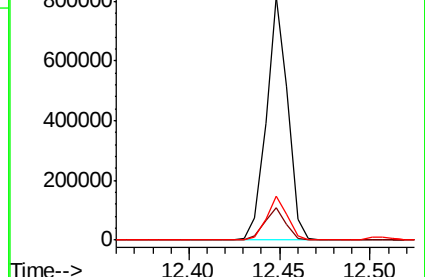
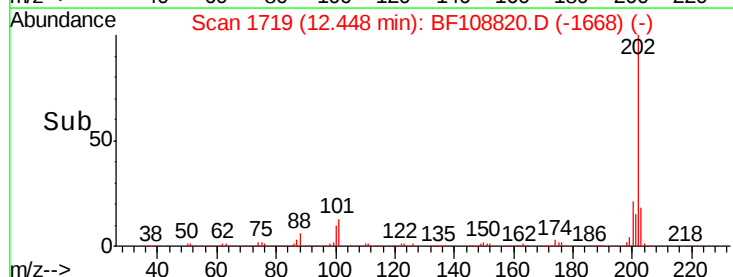
203 17.9 0.0 38.1

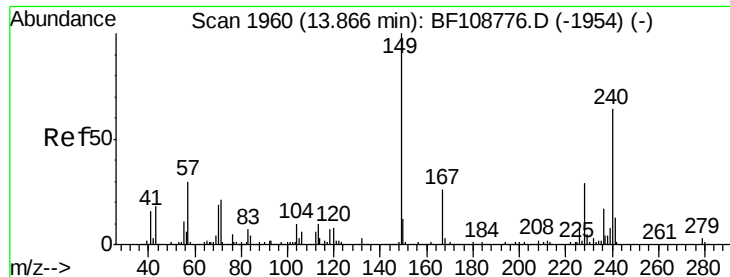


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

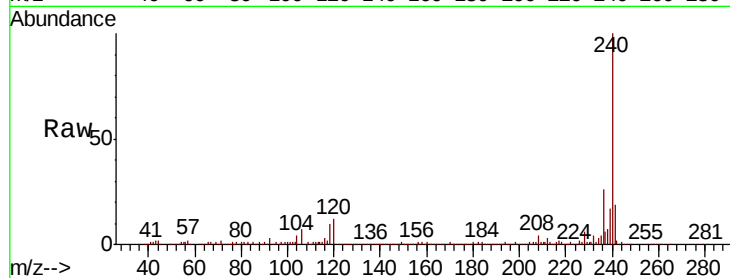
Tot Ion:240 Resp: 591425

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

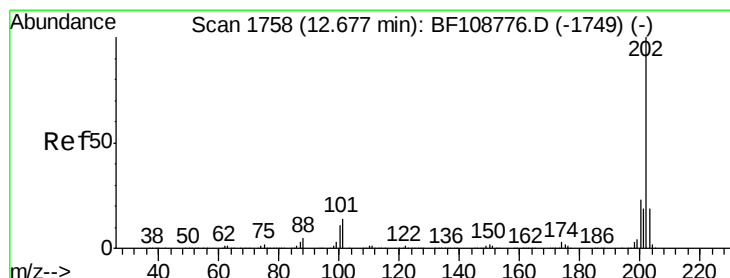
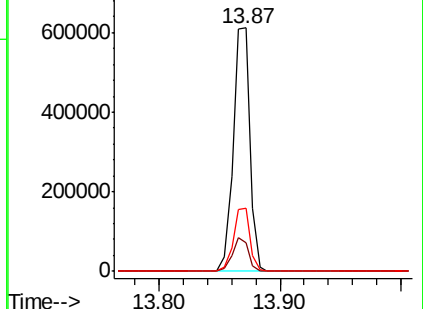
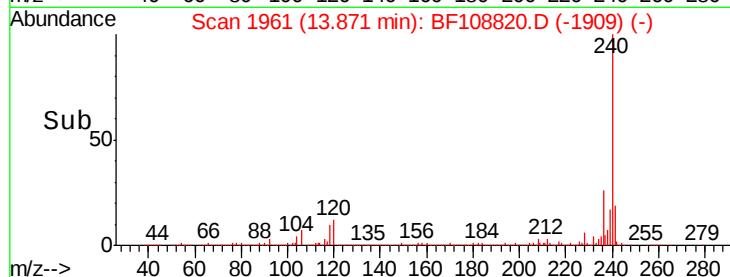
236 25.8 20.7 31.1



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



#77

Pyrene

Concen: 12.383 ng

RT: 12.68 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

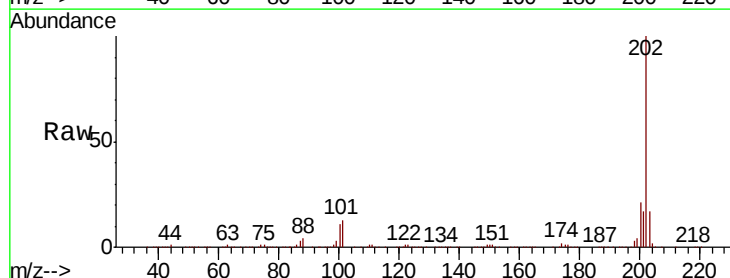
Tgt Ion:202 Resp: 563551

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

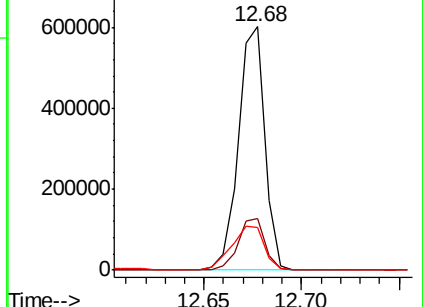
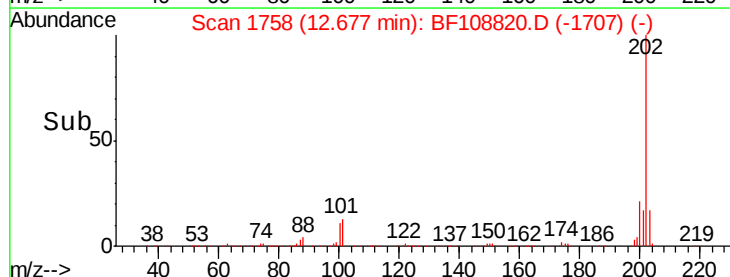
203 17.4 14.3 21.5

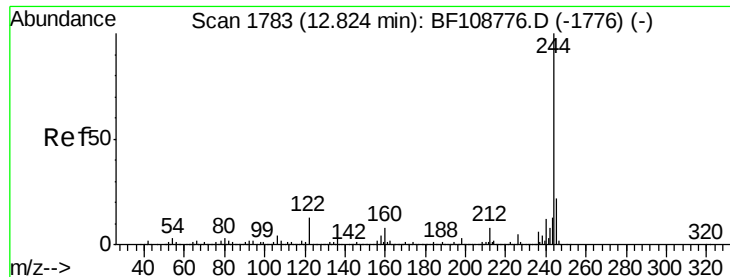


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 45.489 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

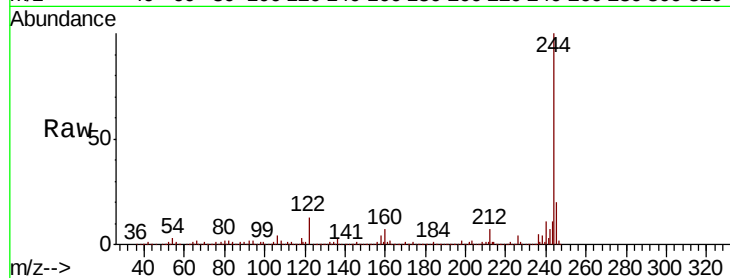
Tot Ion:244 Resp: 1153717

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

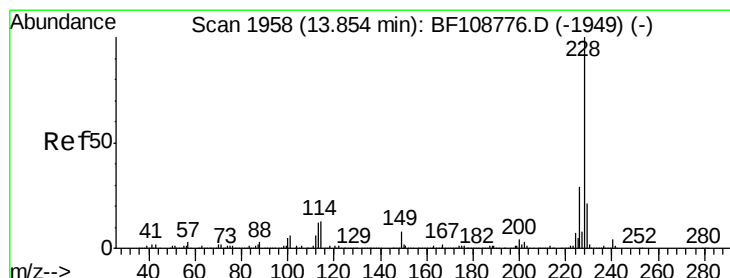
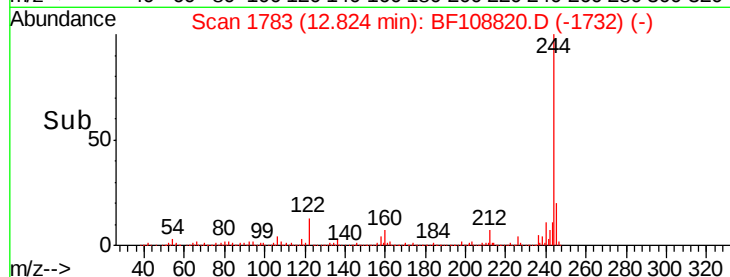
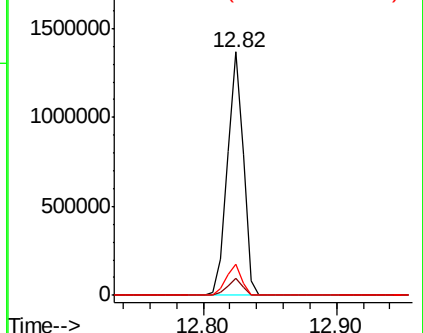
122 12.7 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 7.346 ng

RT: 13.86 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

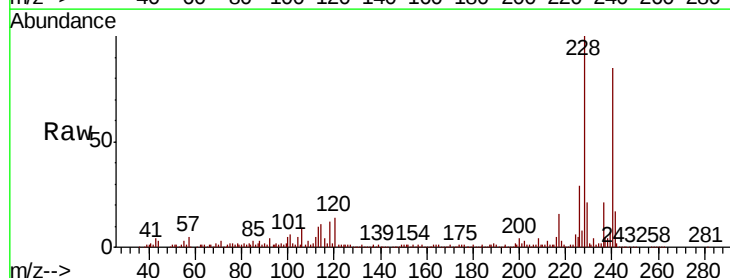
Tgt Ion:228 Resp: 278463

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

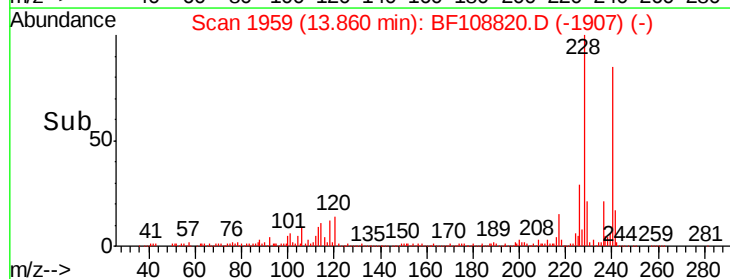
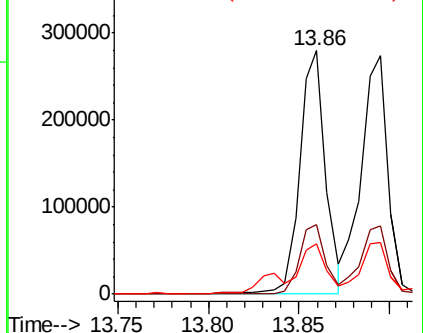
229 20.8 15.8 23.6

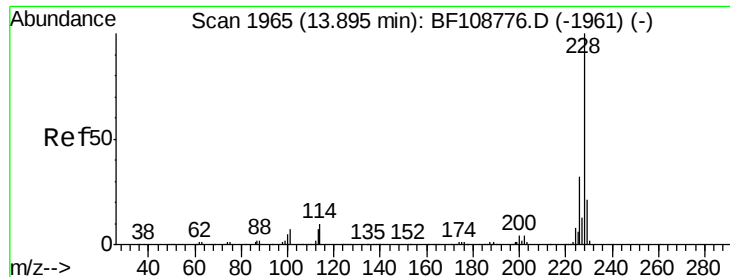


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 7.666 ng

RT: 13.90 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

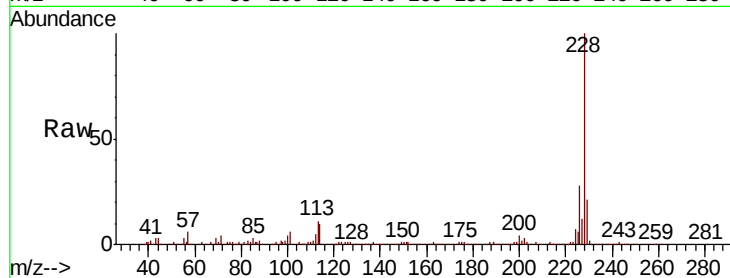
Tot Ion:228 Resp: 281313

Ion Ratio Lower Upper

228 100

226 28.5 25.0 37.6

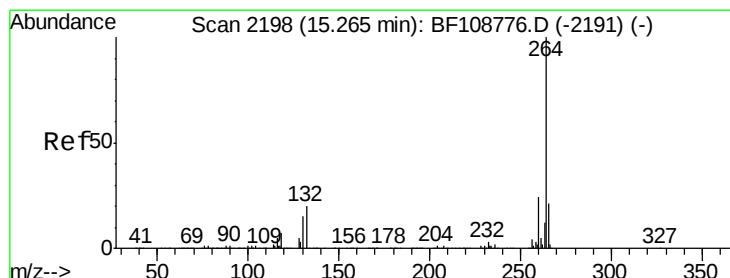
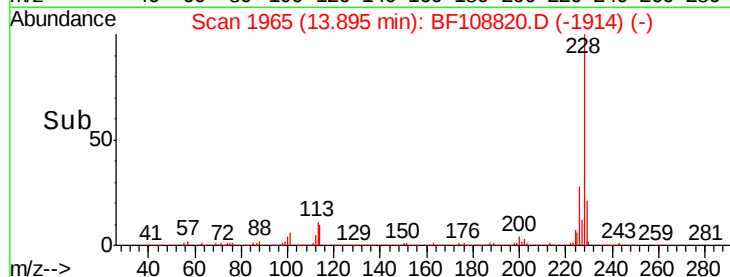
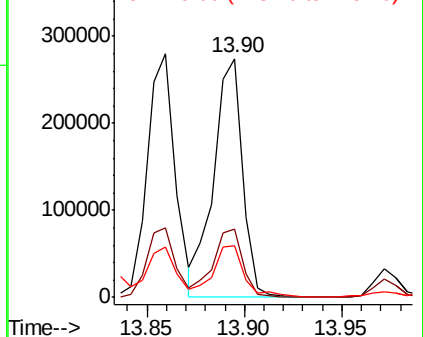
229 21.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

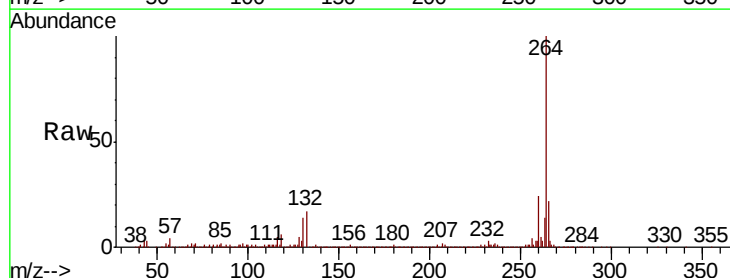
Tgt Ion:264 Resp: 505762

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

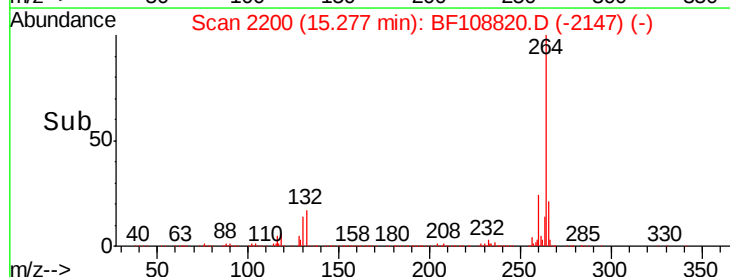
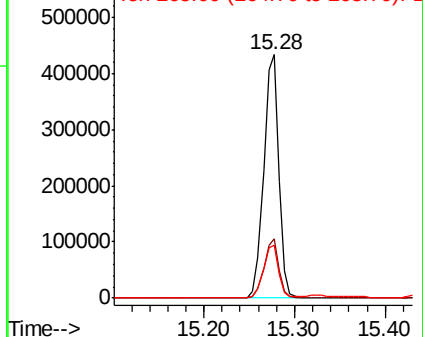
265 21.6 17.5 26.3

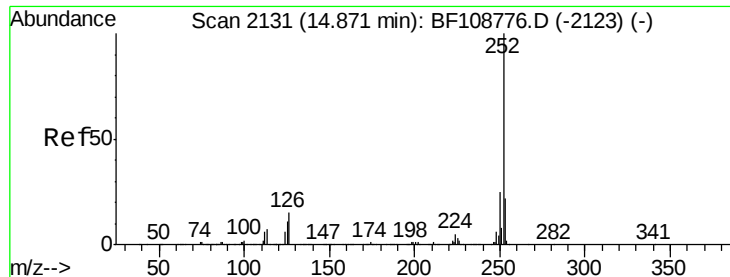


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

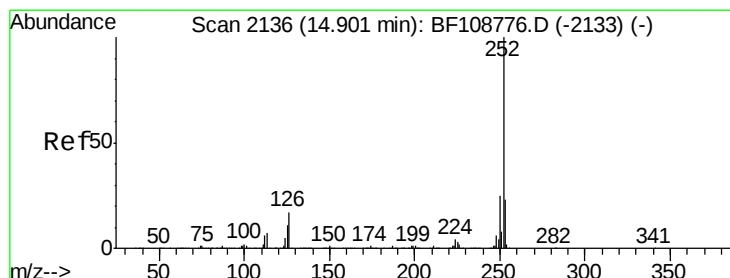
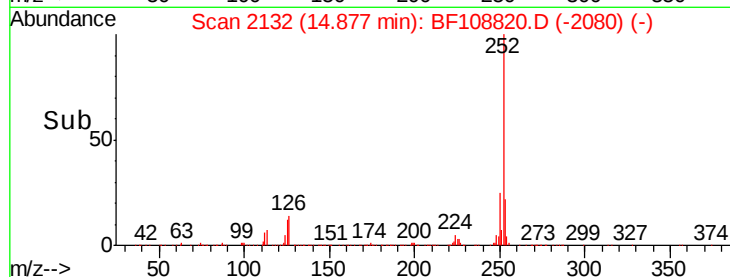
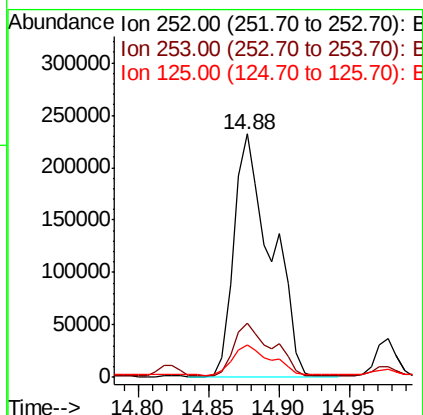
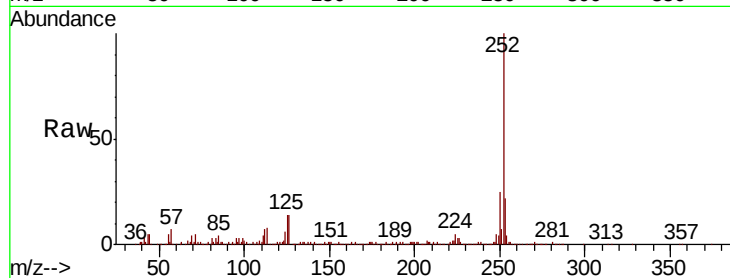




#87
Benzo(b)fluoranthene
Concen: 15.446 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

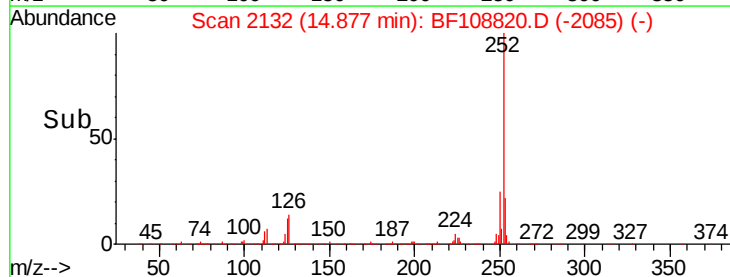
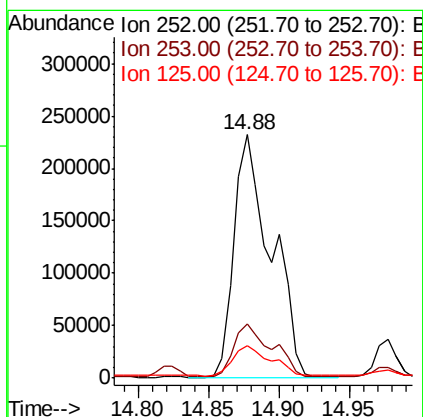
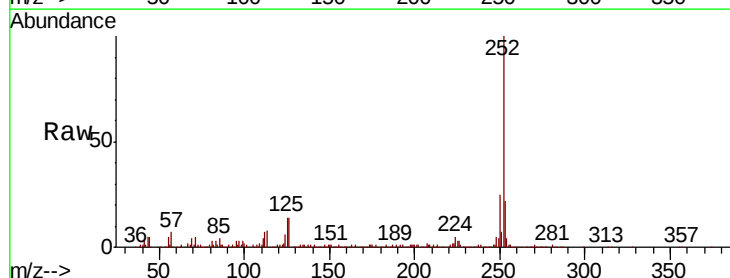
Instrument :
BNA_F
ClientSampleId :

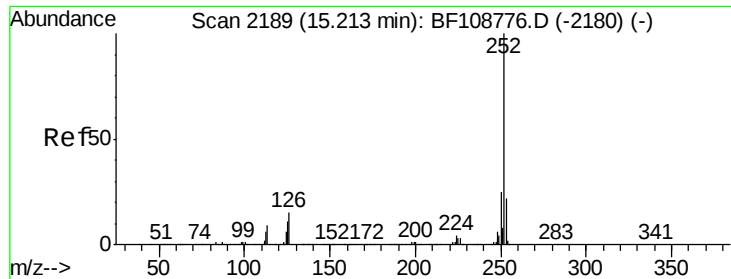
Tot Ion:252 Resp: 424772
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 16.772 ng
RT: 14.88 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF108820.D
Acq: 6 Sep 2018 12:31

Tgt Ion:252 Resp: 424772
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 13.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 8.166 ng

RT: 15.21 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

Instrument :

BNA_F

ClientSampled :

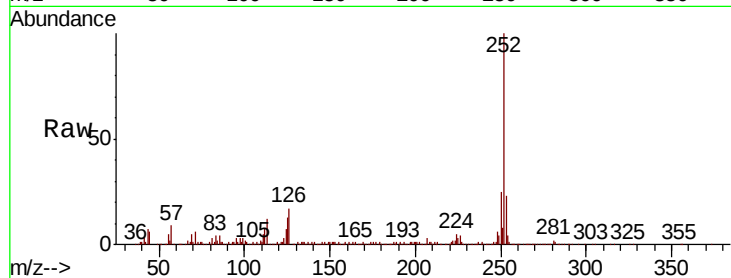
Tot Ion:252 Resp: 202623

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

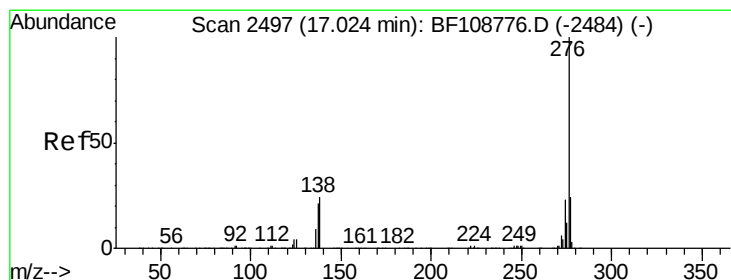
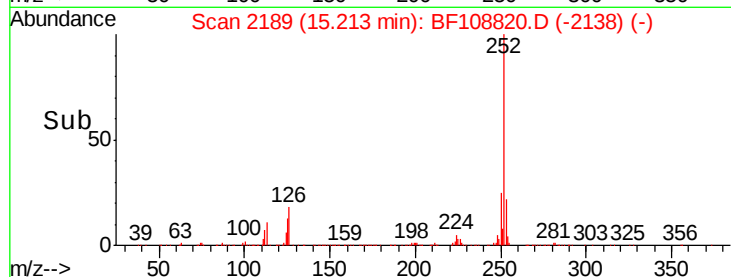
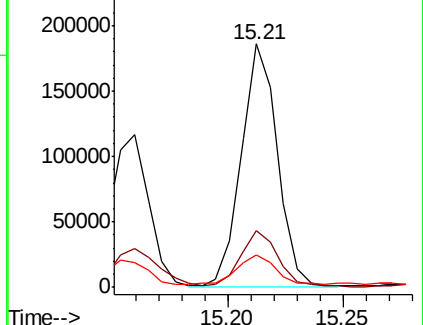
125 13.3 9.8 14.6



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

Benzo(g,h,i)perylene

Concen: 4.442 ng

RT: 17.02 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BF108820.D

Acq: 6 Sep 2018 12:31

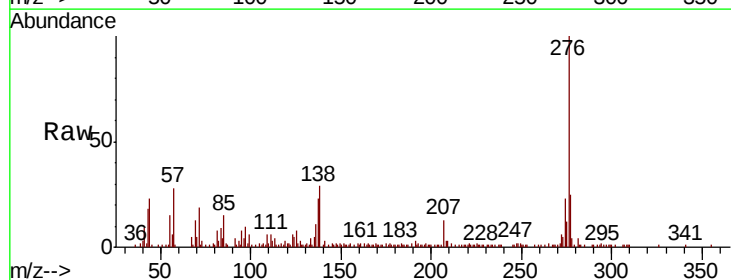
Tgt Ion:276 Resp: 97243

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 28.7 21.8 32.8



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

