

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103119.D
 Acq On : 20 Feb 2018 12:21
 Operator : SJ/JU
 Sample : J1600-03DL 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 14:02:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	148453	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	637031	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	291048	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	490770	20.00	ng	0.00
75) Chrysene-d12	14.04	240	306919	20.00	ng	-0.01
86) Perylene-d12	15.54	264	294739	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	7928	0.81	ng	0.00
7) Phenol-d6	6.52	99	9950	0.85	ng	0.00
23) Nitrobenzene-d5	7.44	82	6333	0.69	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	1812	0.77	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	8534	0.49	ng	-0.01
78) Terphenyl-d14	12.98	244	8106	0.63	ng	-0.01

Target Compounds

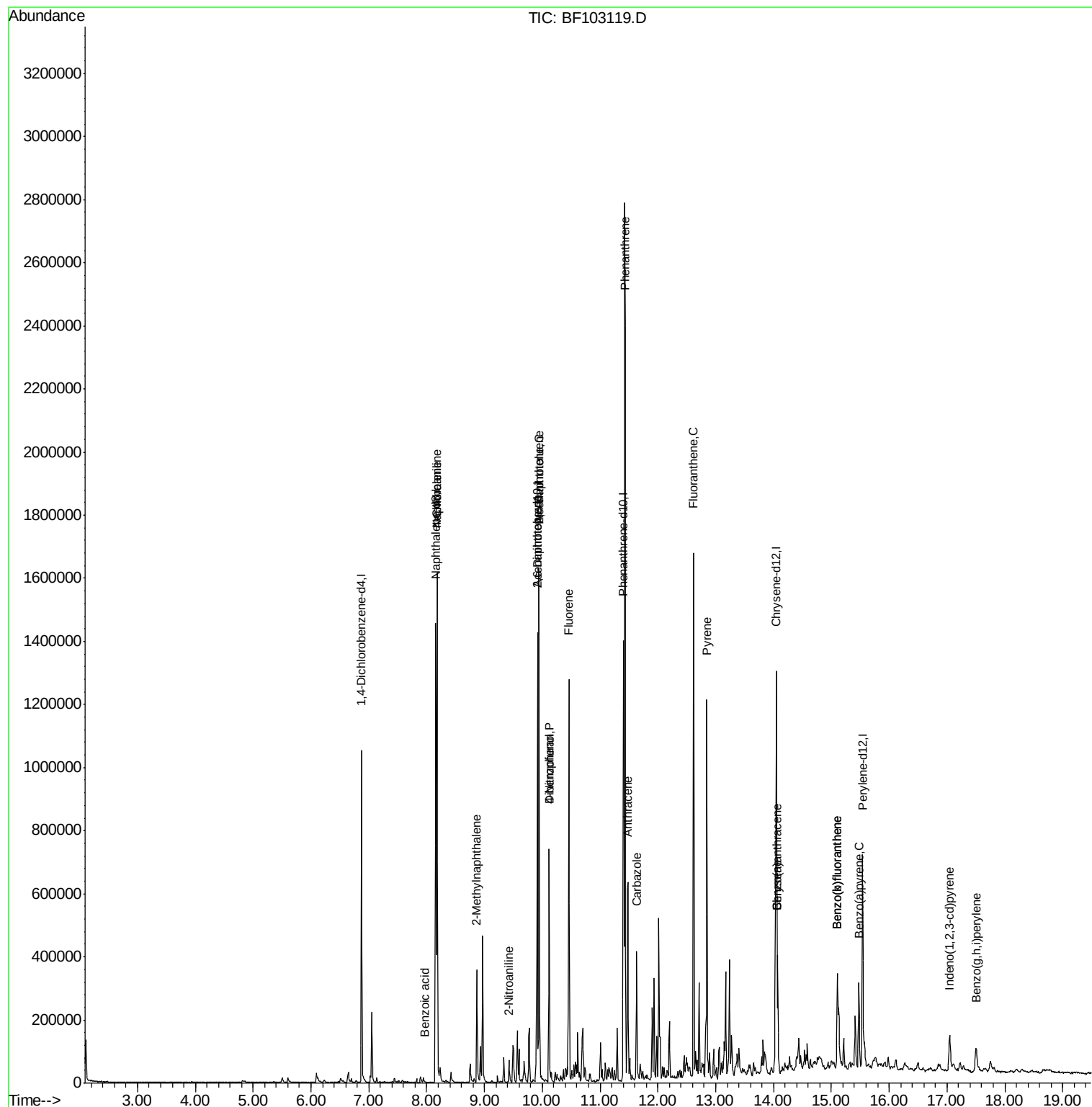
						Qvalue
24) Nitrobenzene	7.52	77	108	Below Cal	#	38
31) Naphthalene	8.18	128	672773	21.616	ng	100
32) Benzoic acid	7.97	122	244	8.580	ng	1
33) 4-Chloroaniline	8.18	127	88138	6.574	ng	35
37) 2-Methylnaphthalene	8.87	142	94032	4.615	ng	99
47) 2-Nitroaniline	9.43	65	135	3.493	ng	2
50) 2,6-Dinitrotoluene	9.92	165	40502	9.381	ng	26
51) Acenaphthene	9.95	154	322036	17.965	ng	98
54) Dibenzofuran	10.12	168	287625	11.385	ng	98
55) 4-Nitrophenol	10.12	139	111235	28.222	ng	# 10
56) 2,4-Dinitrotoluene	9.95	165	2004	3.399	ng	# 1
57) Fluorene	10.46	166	351852	19.143	ng	99
70) Phenanthrene	11.43	178	1043190	38.166	ng	100
71) Anthracene	11.48	178	244223	8.785	ng	98
72) Carbazole	11.63	167	151860	5.576	ng	98
74) Fluoranthene	12.62	202	670063	24.366	ng	97
77) Pyrene	12.84	202	492531	20.465	ng	100
80) Benzo(a)anthracene	14.07	228	142833	7.400	ng	98
82) Chrysene	14.07	228	142833	7.341	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	71576	4.435	ng	95
87) Benzo(b)fluoranthene	15.10	252	230085	12.041	ng	# 96
88) Benzo(k)fluoranthene	15.10	252	230085	12.602	ng	98
89) Benzo(a)pyrene	15.48	252	136793	7.953	ng	99
91) Benzo(g,h,i)perylene	17.50	276	59963	4.388	ng	97

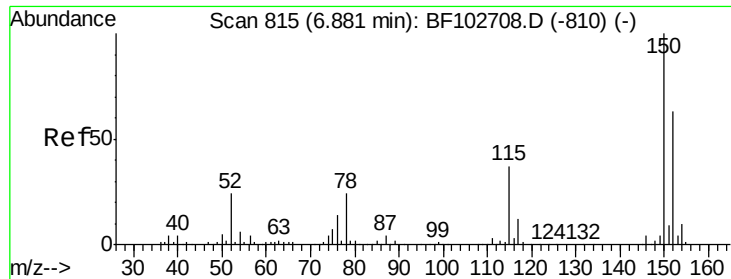
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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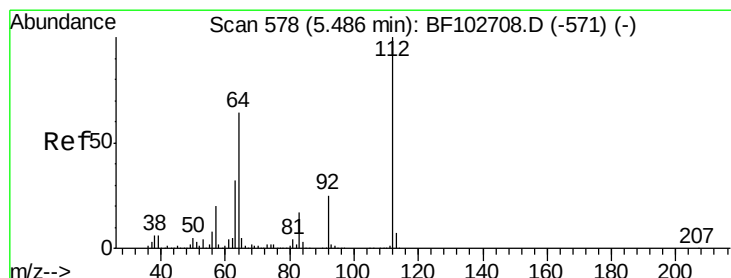
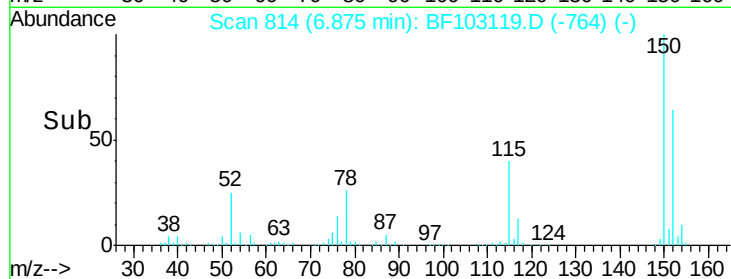
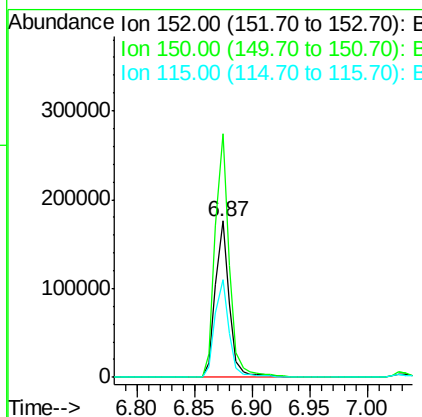
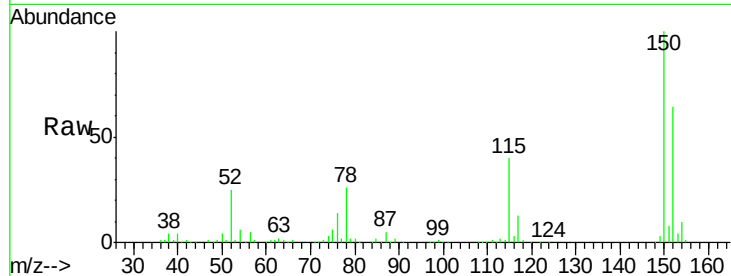




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103119.D
 Acq: 20 Feb 2018 12:21

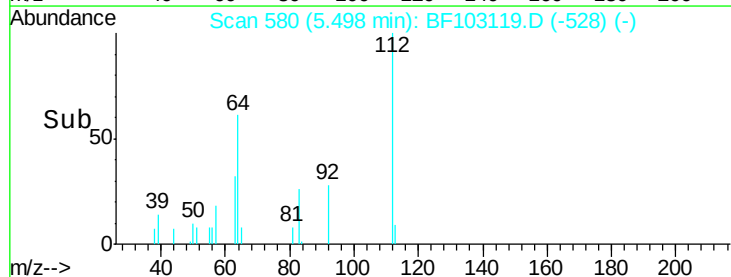
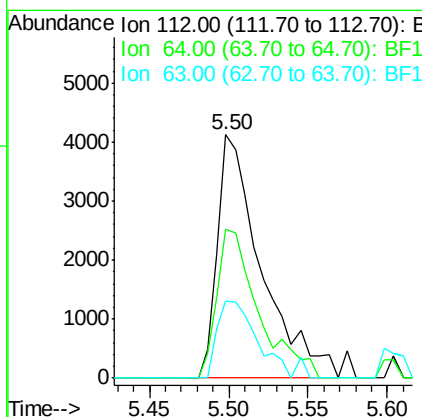
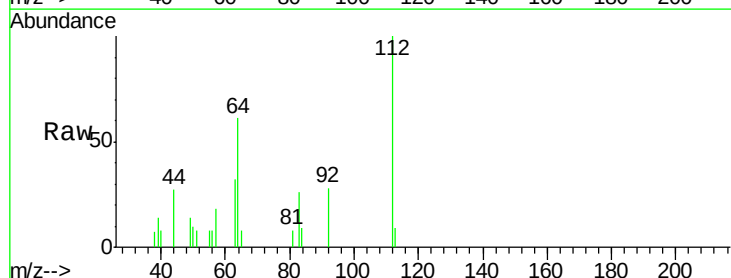
Instrument :
 BNA_F
 ClientSampleId :

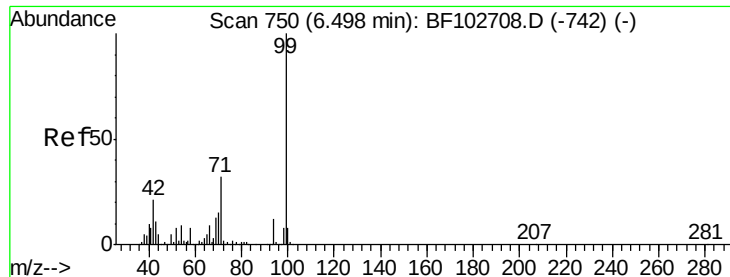
Tot Ion:152 Resp: 148453
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 62.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 0.811 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF103119.D
 Acq: 20 Feb 2018 12:21

Tgt Ion:112 Resp: 7928
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.9 71.9
 63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 0.845 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleId :

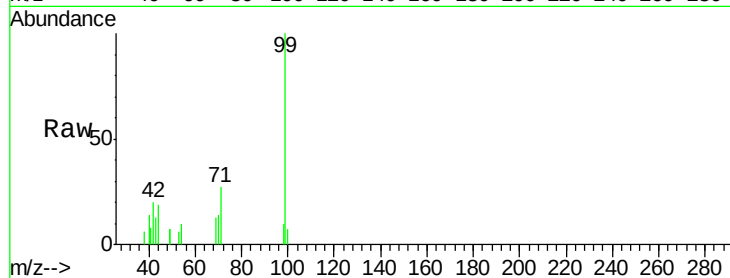
Tot Ion: 99 Resp: 9950

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

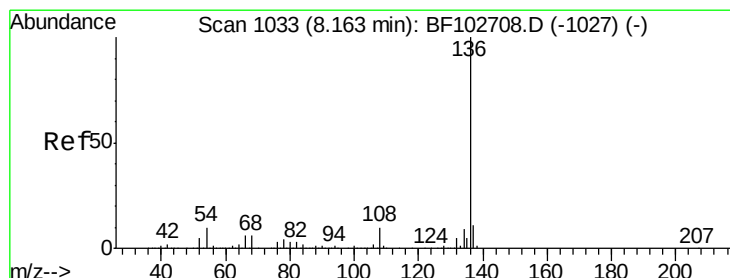
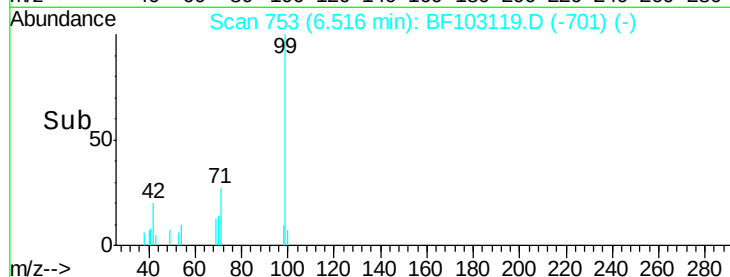
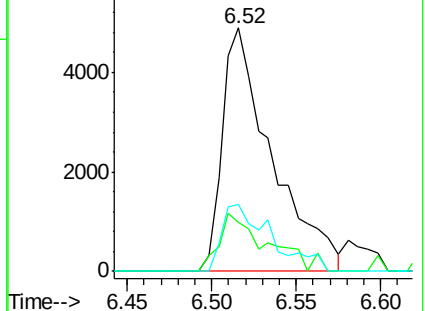
71 27.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Tgt Ion: 136 Resp: 637031

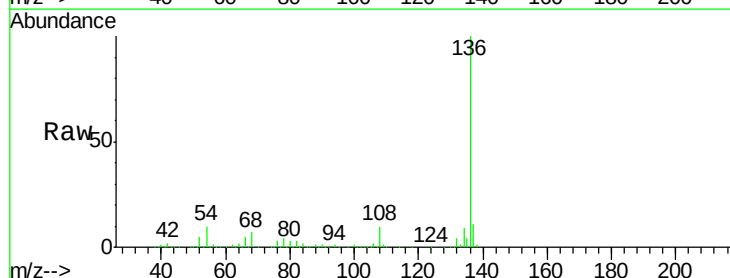
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.6 6.6 9.8

68 6.5 5.0 7.4

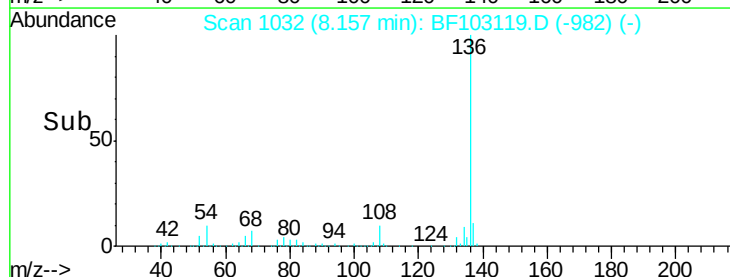
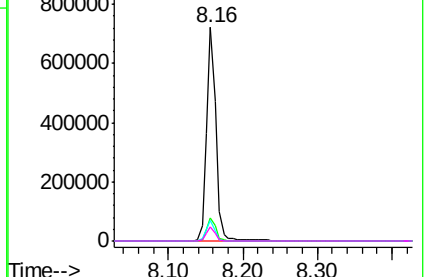


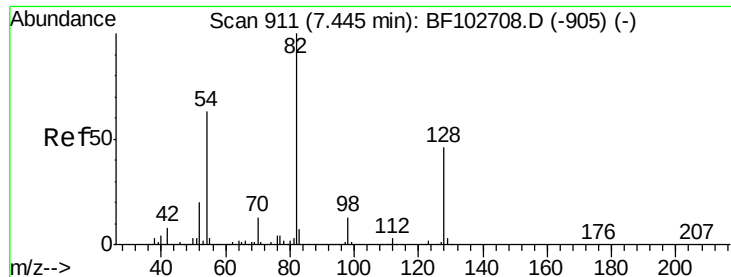
Abundance Ion 136.00 (135.70 to 136.70): E

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

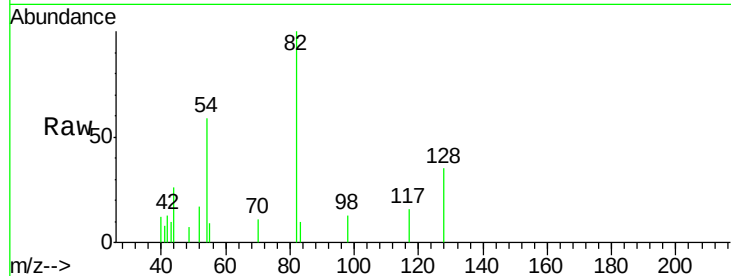




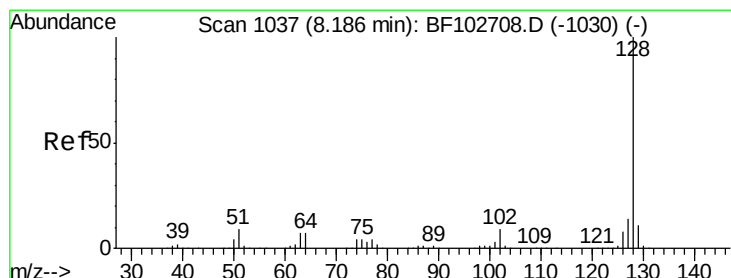
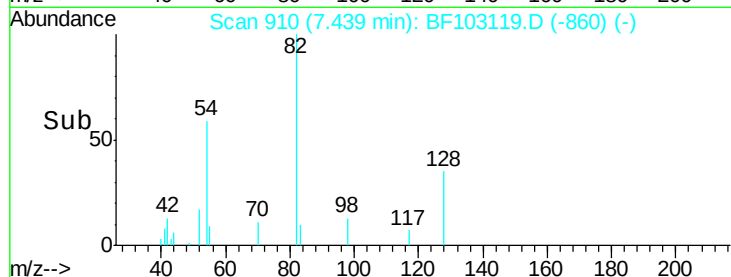
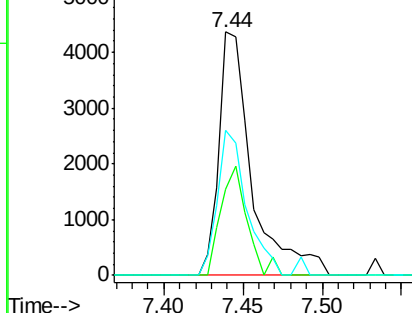
#23
 Nitrobenzene-d5
 Concen: 0.690 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103119.D
 Acq: 20 Feb 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 6333
 Ion Ratio Lower Upper
 82 100
 128 35.5 36.1 54.1#
 54 59.4 41.4 62.2

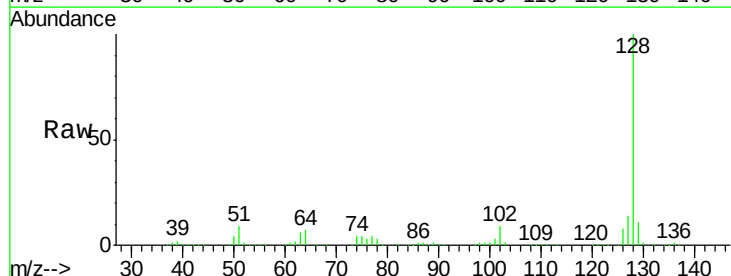


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

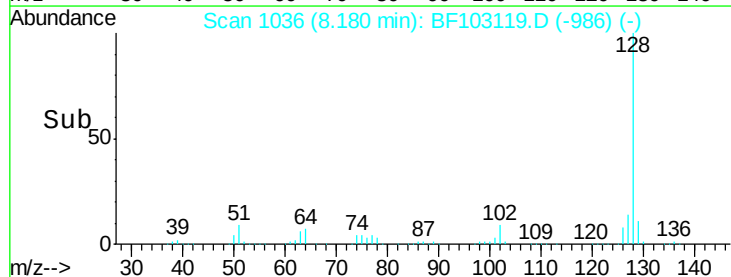
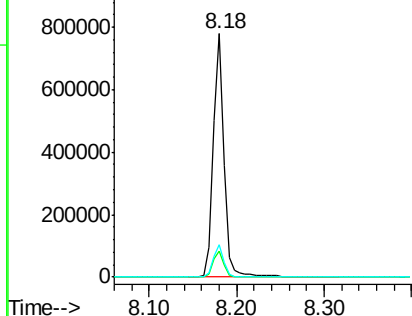


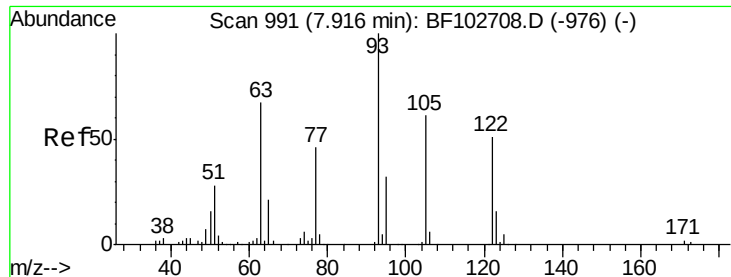
#31
 Naphthalene
 Concen: 21.616 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF103119.D
 Acq: 20 Feb 2018 12:21

Tgt Ion: 128 Resp: 672773
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 13.5 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: 8.580 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleId :

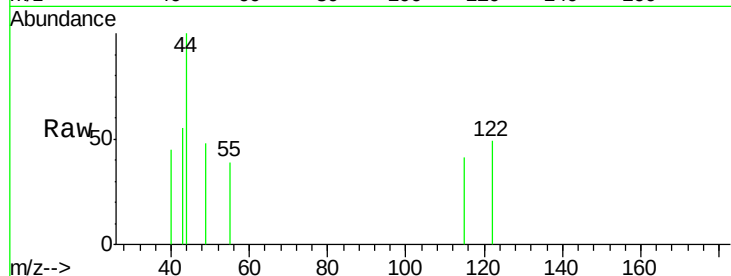
Tot Ion:122 Resp: 244

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

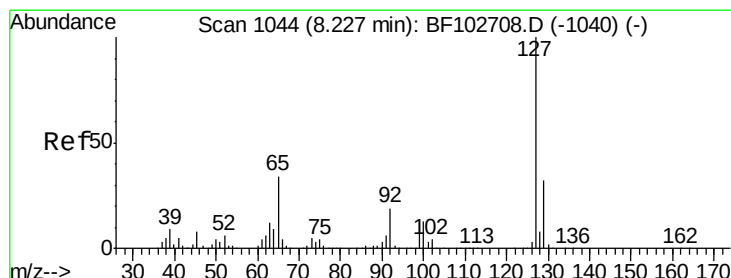
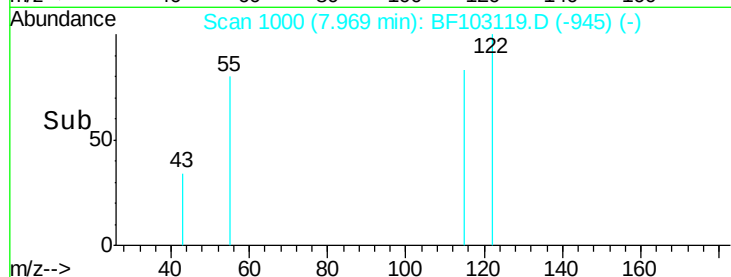
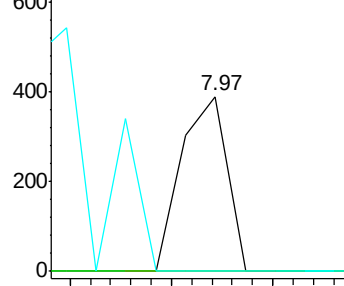
77 0.0 70.7 110.7#



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



#33

4-Chloroaniline

Concen: 6.574 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Tgt Ion:127 Resp: 88138

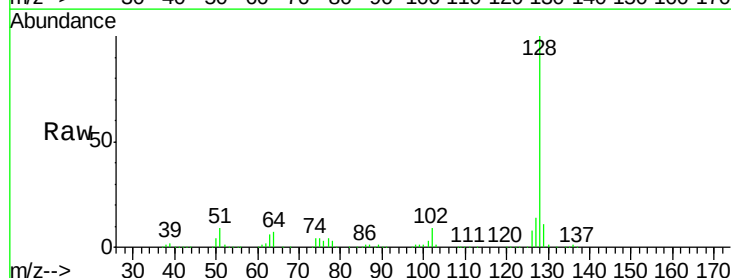
Ion Ratio Lower Upper

127 100

129 80.8 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

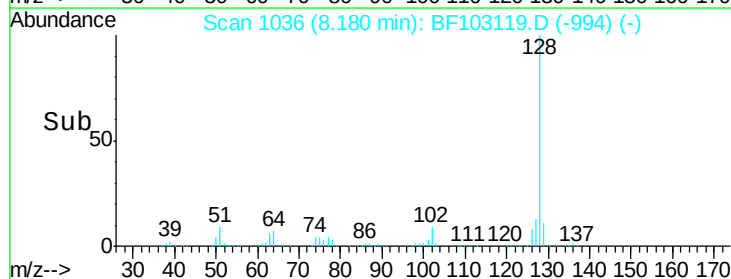
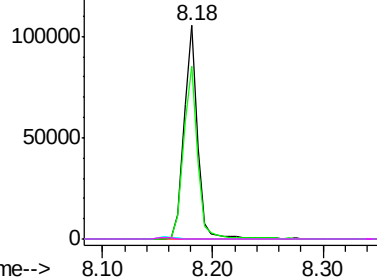


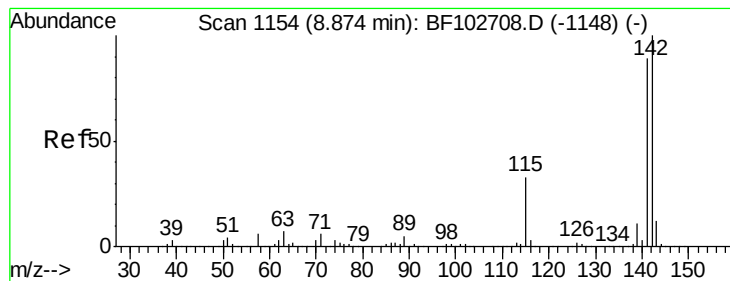
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 4.615 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Instrument :

BNA_F

ClientSampled :

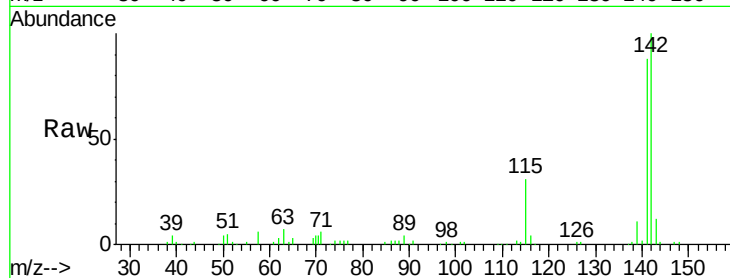
Tot Ion:142 Resp: 94032

Ion Ratio Lower Upper

142 100

141 87.6 70.8 106.2

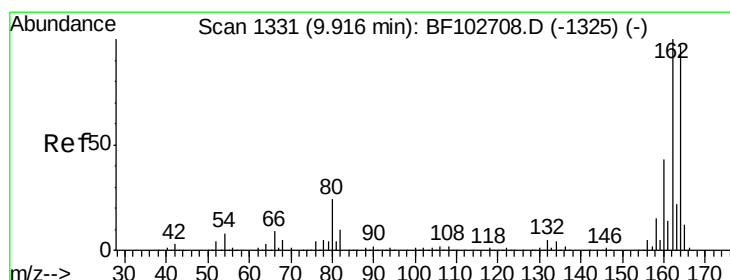
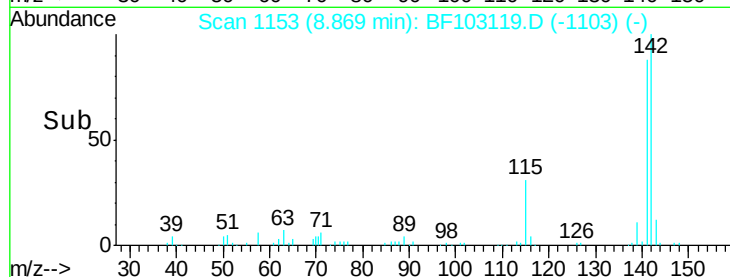
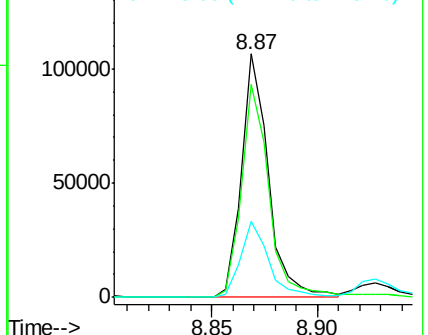
115 31.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

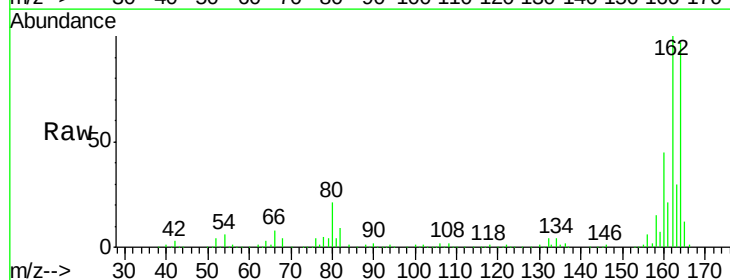
Tgt Ion:164 Resp: 291048

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

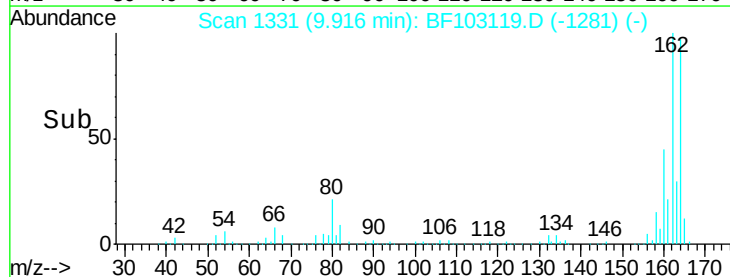
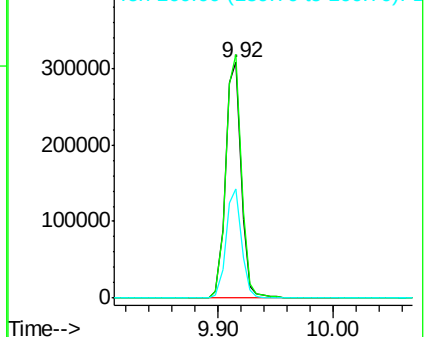
160 46.5 38.3 57.5

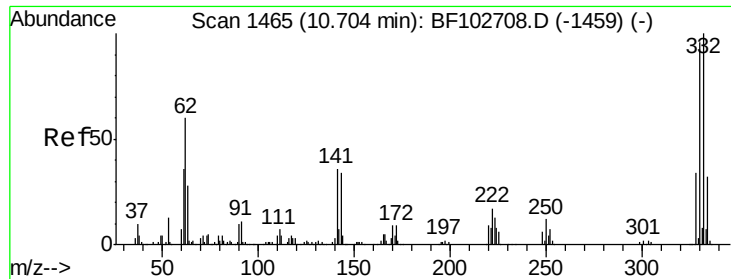


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

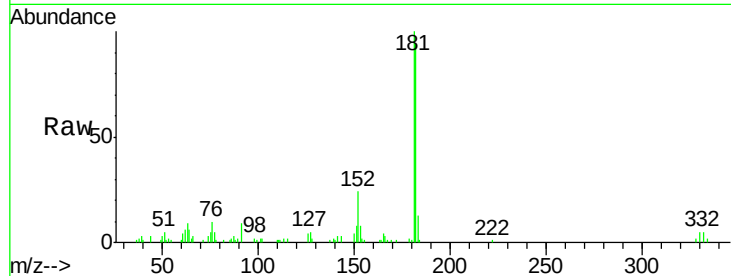




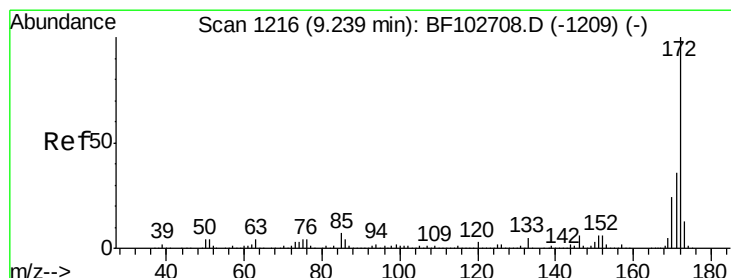
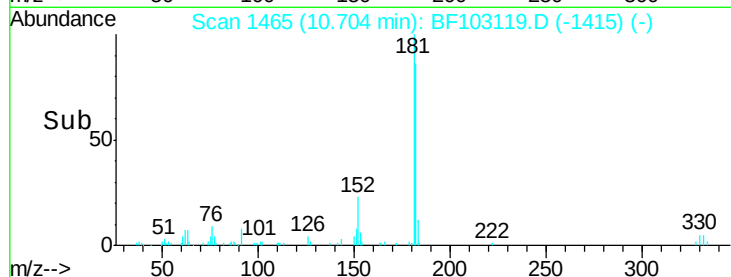
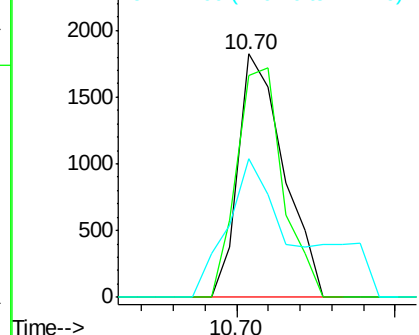
#41
 2,4,6-Tribromophenol
 Concen: 0.774 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103119.D
 Acq: 20 Feb 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	67.3	29.9	44.9

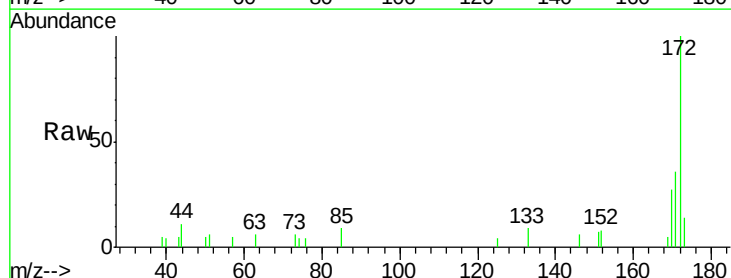


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

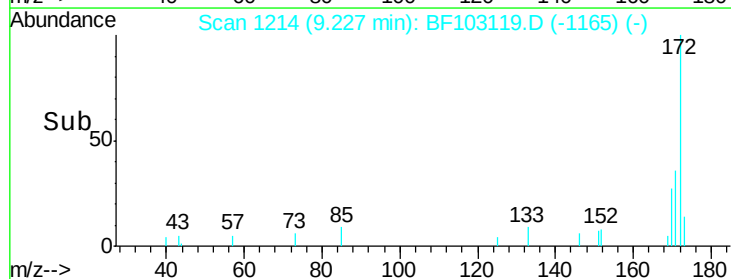
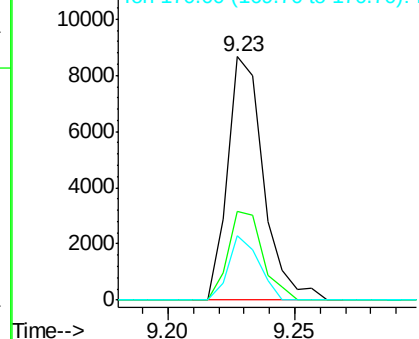


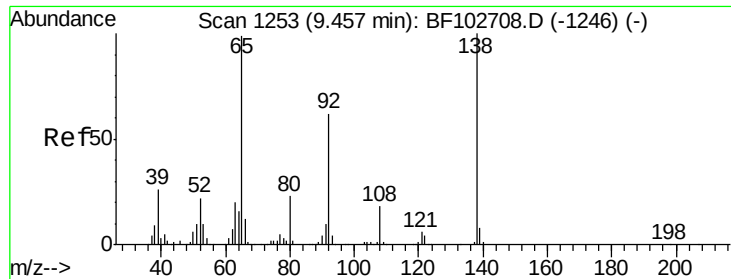
#44
 2-Fluorobiphenyl
 Concen: 0.487 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103119.D
 Acq: 20 Feb 2018 12:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	26.5	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





#47

2-Nitroaniline

Concen: 3.493 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.04 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Instrument :

BNA_F

ClientSampled :

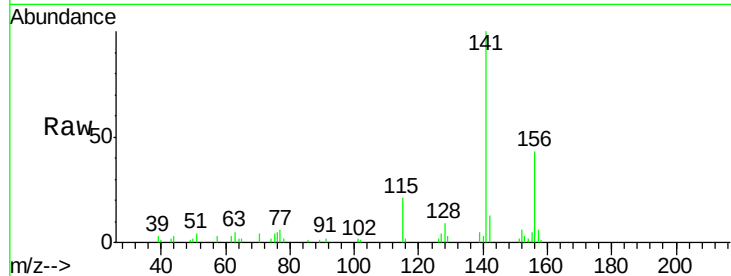
Tot Ion: 65 Resp: 135

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

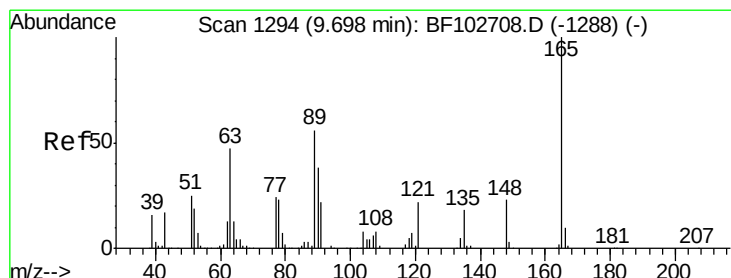
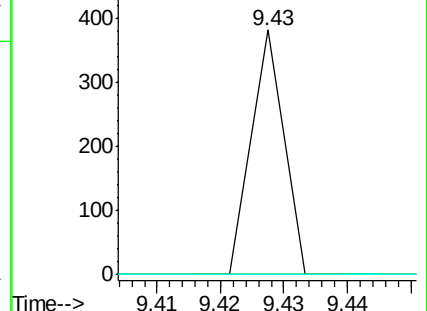
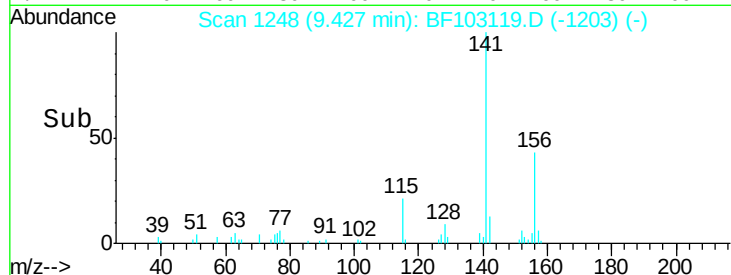
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 9.381 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.21 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

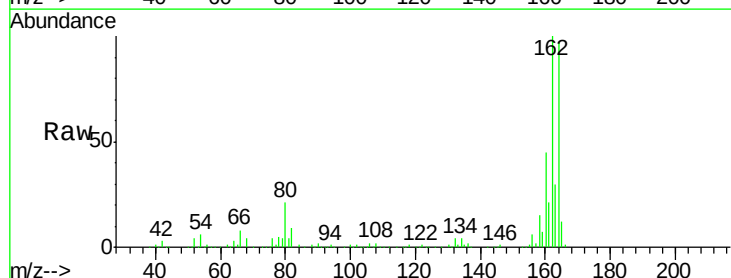
Tgt Ion: 165 Resp: 40502

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

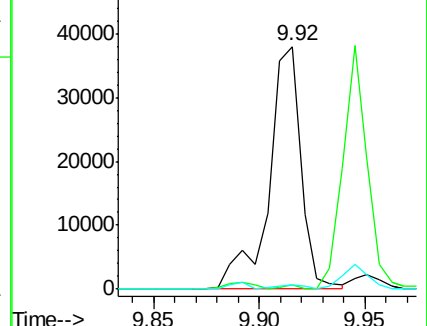
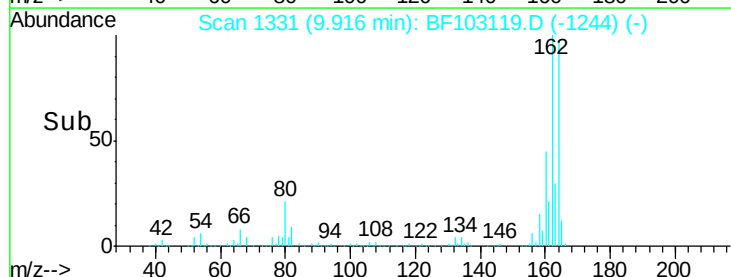
89 1.6 44.0 66.0#

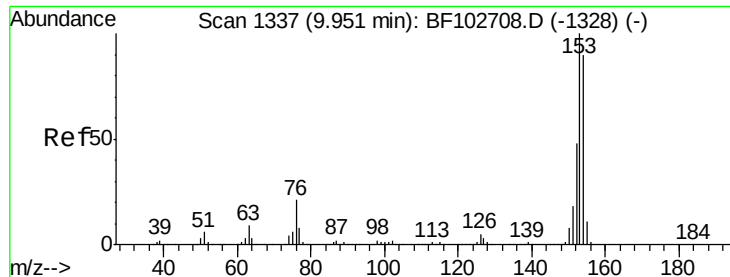


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 17.965 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleId :

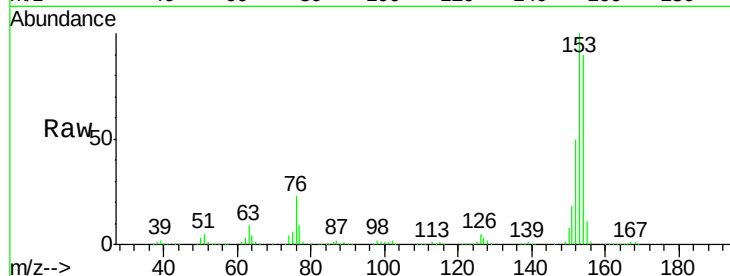
Tot Ion:154 Resp: 322036

Ion Ratio Lower Upper

154 100

153 111.1 91.2 136.8

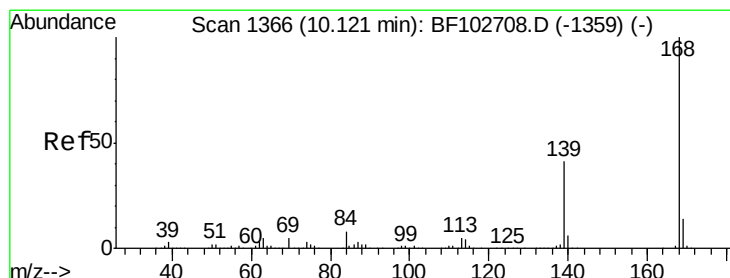
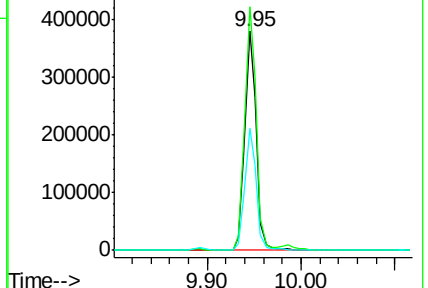
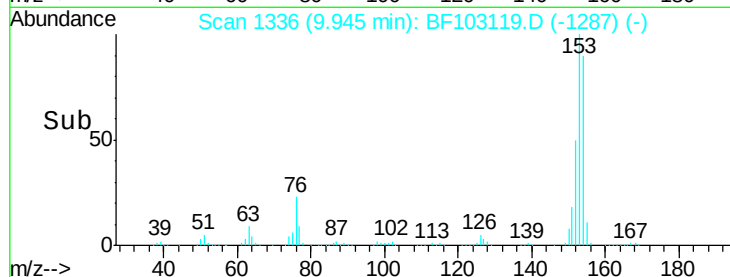
152 55.8 43.8 65.8



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



#54

Dibenzofuran

Concen: 11.385 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

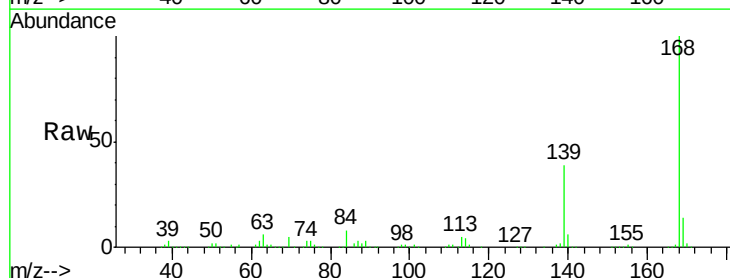
Tgt Ion:168 Resp: 287625

Ion Ratio Lower Upper

168 100

139 39.3 30.1 45.1

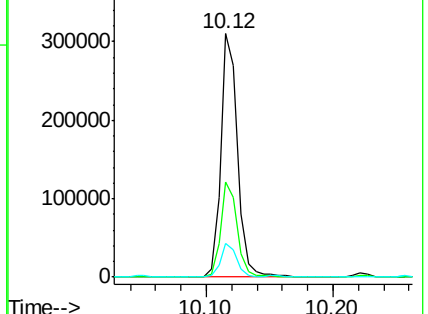
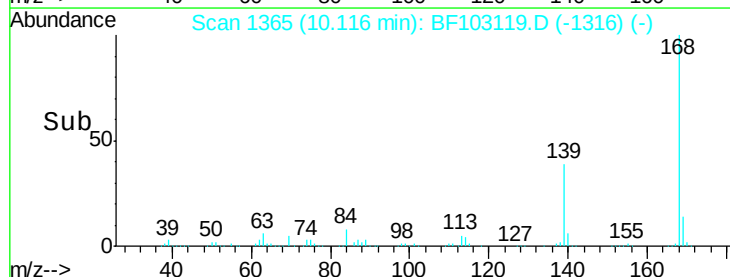
169 13.6 10.9 16.3

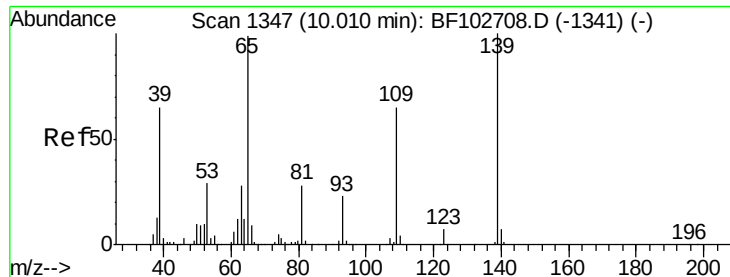


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

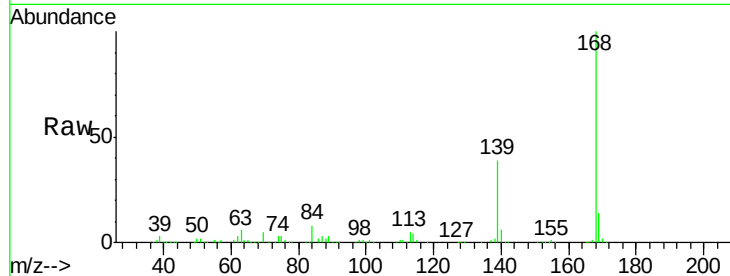




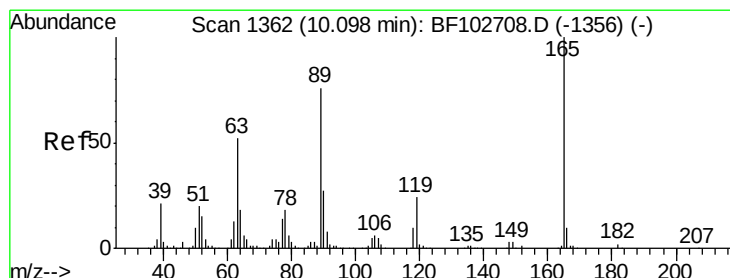
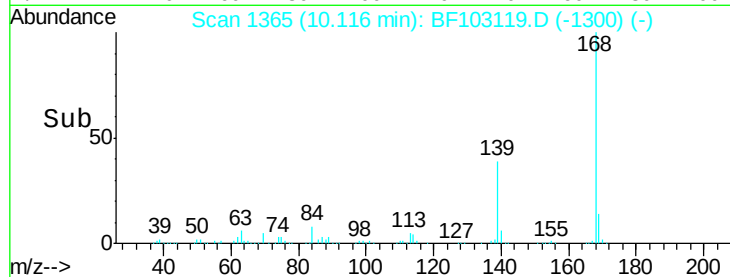
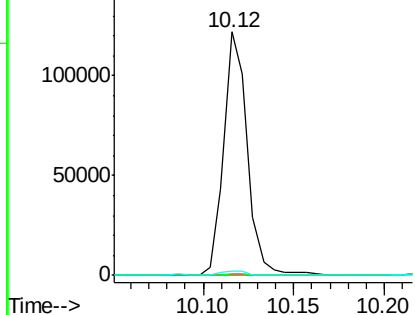
#55
4-Nitrophenol
Concen: 28.222 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.08 min
Lab File: BF103119.D
Acq: 20 Feb 2018 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.7	48.4	88.4#
65	1.8	72.6	112.6#



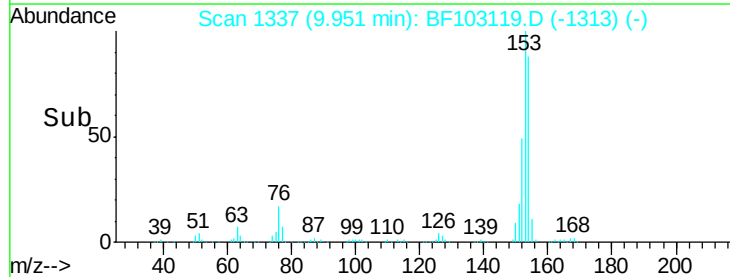
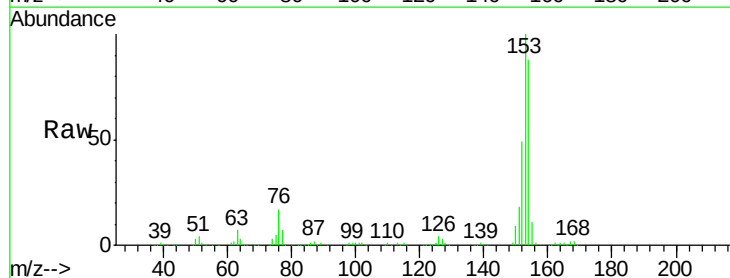
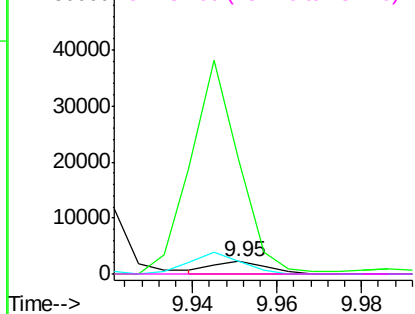
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

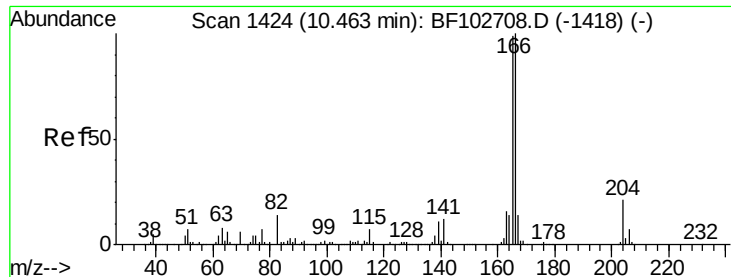


#56
2,4-Dinitrotoluene
Concen: 3.399 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.16 min
Lab File: BF103119.D
Acq: 20 Feb 2018 12:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	930.7	36.4	54.6#
89	103.1	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

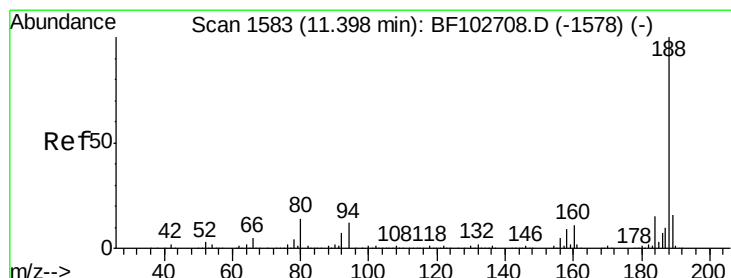
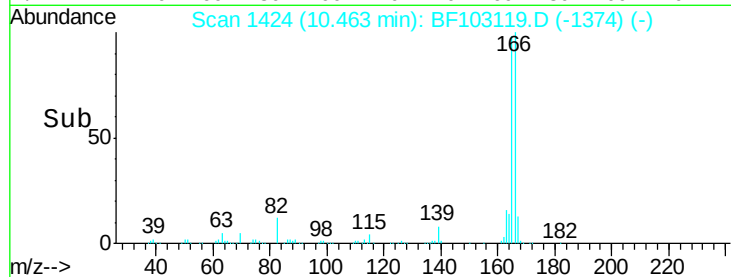
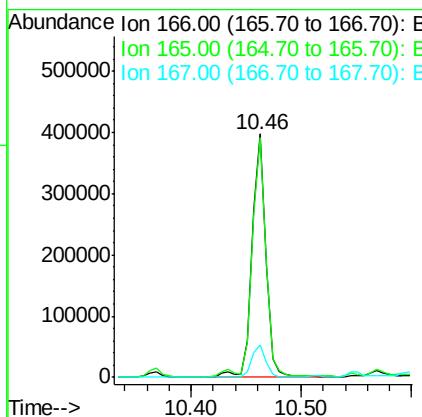
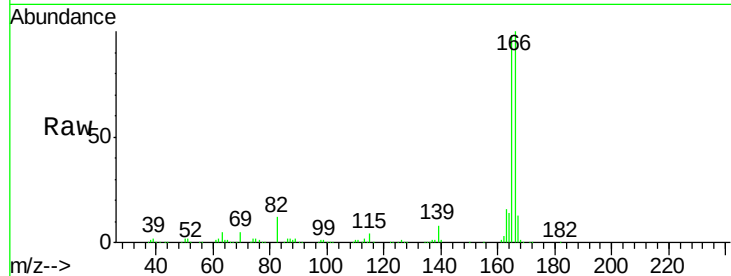




#57
 Fluorene
 Concen: 19.143 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF103119.D
 Acq: 20 Feb 2018 12:21

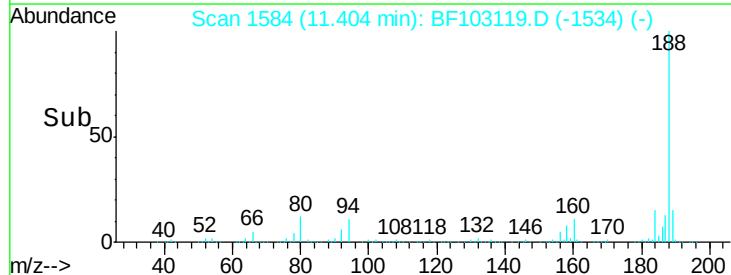
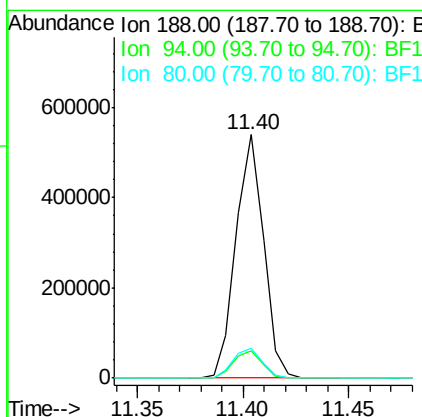
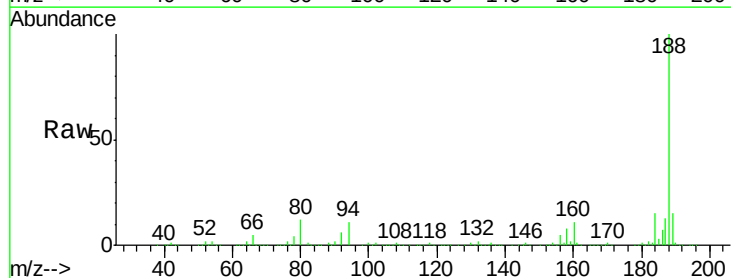
Instrument :
 BNA_F
 ClientSampleId :

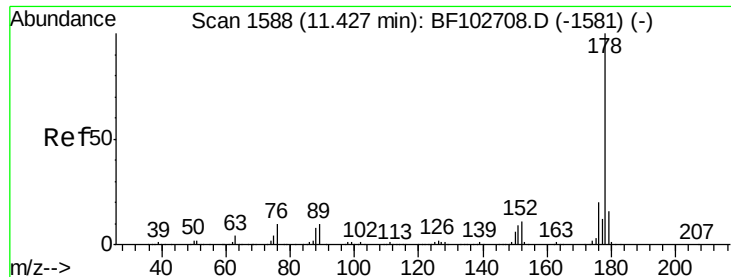
Tot Ion:166 Resp: 351852
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.8 119.8
 167 13.3 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103119.D
 Acq: 20 Feb 2018 12:21

Tgt Ion:188 Resp: 490770
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.3 9.2 13.8

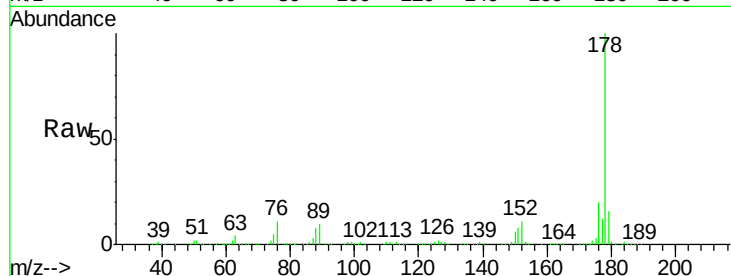




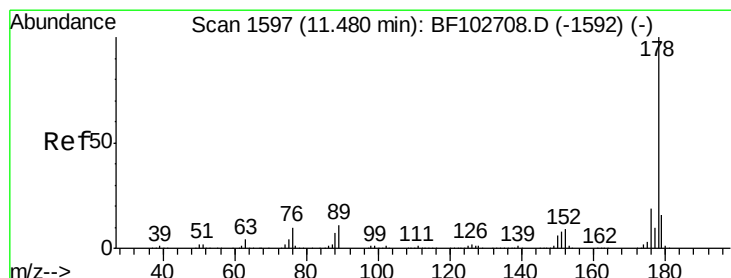
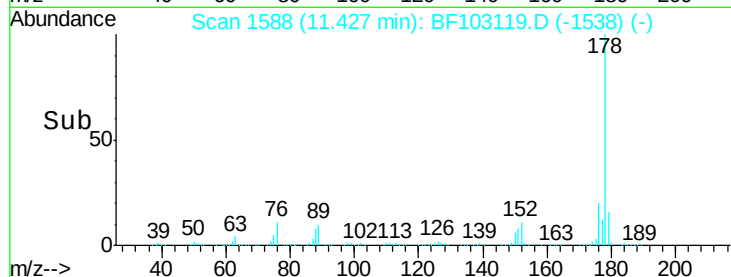
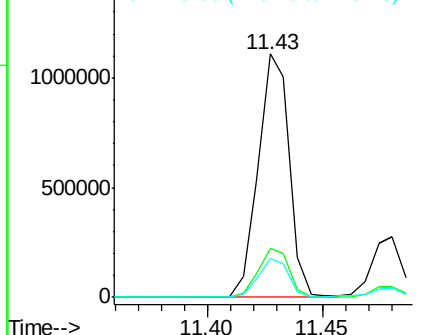
#70
Phenanthrene
Concen: 38.166 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103119.D
Acq: 20 Feb 2018 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1043190
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.1 13.0 19.6

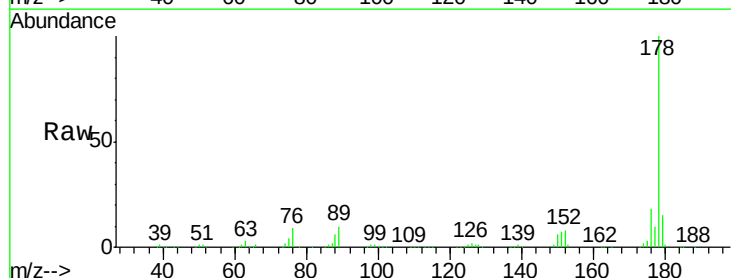


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

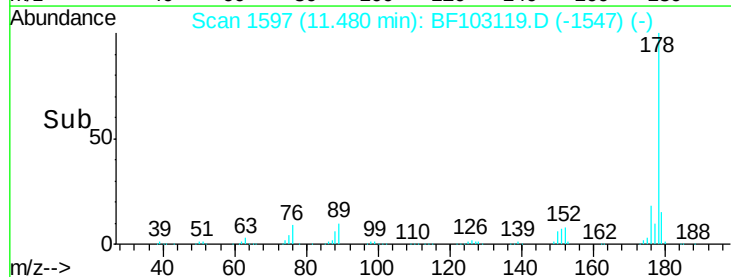
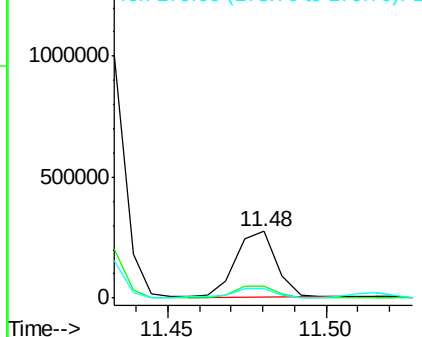


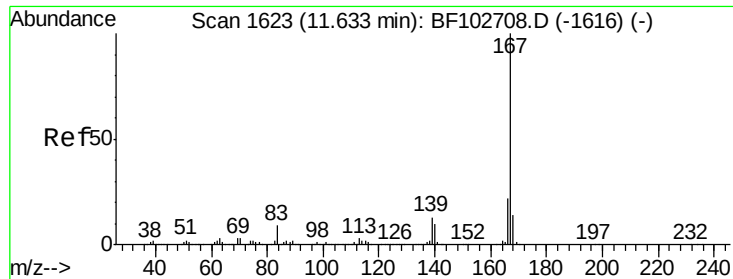
#71
Anthracene
Concen: 8.785 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103119.D
Acq: 20 Feb 2018 12:21

Tgt Ion:178 Resp: 244223
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.7 12.6 19.0



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

Carbazole

Concen: 5.576 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

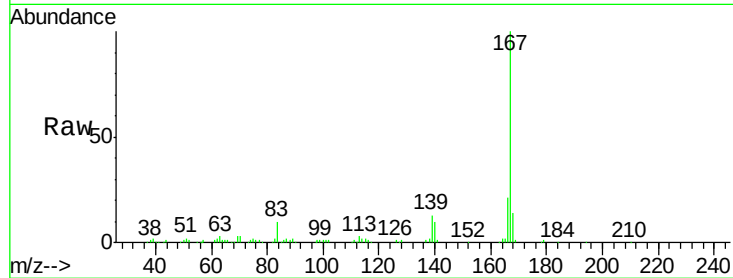
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 151860

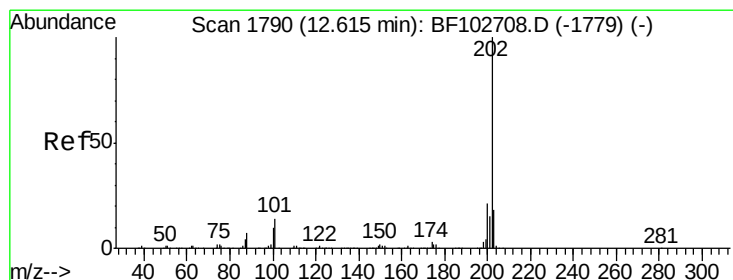
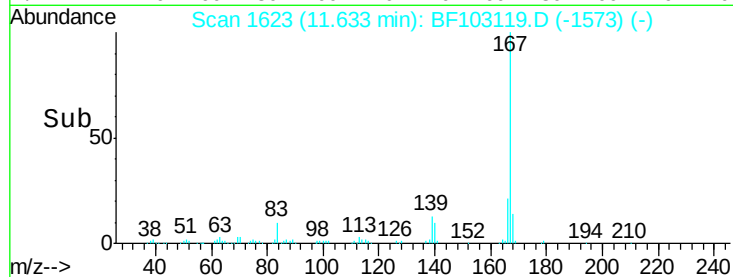
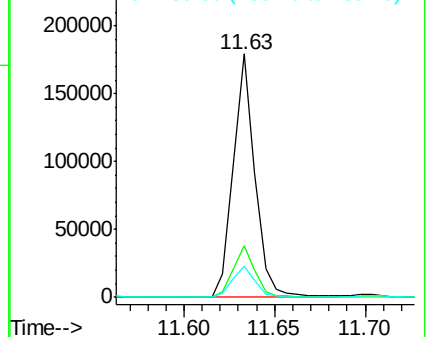
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.7	10.9	16.3



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: 24.366 ng

RT: 12.62 min Scan# 1791

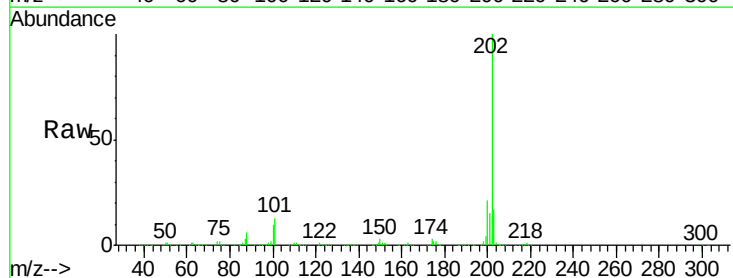
Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Tgt Ion:202 Resp: 670063

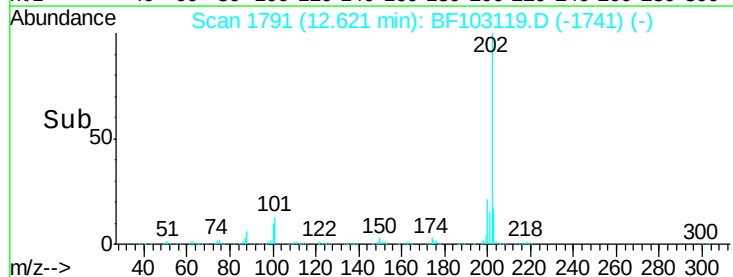
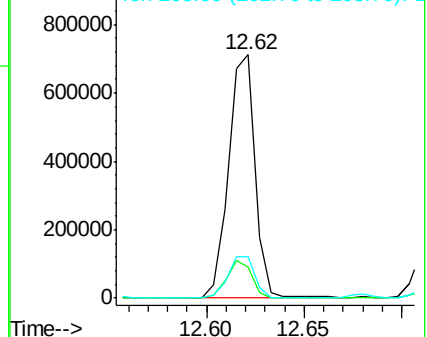
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.3	0.0	38.1

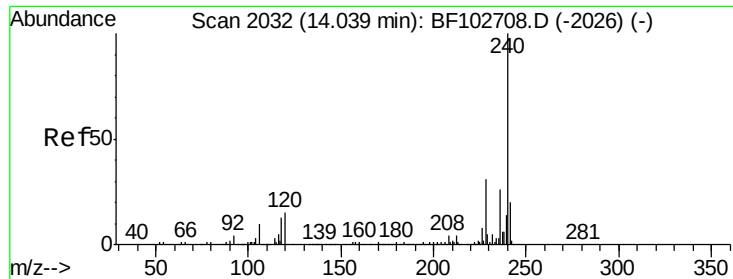


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleId :

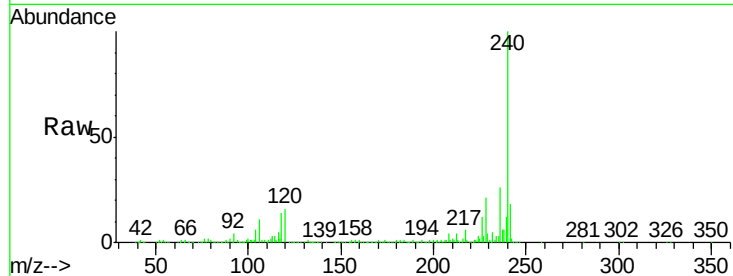
Tot Ion:240 Resp: 306919

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

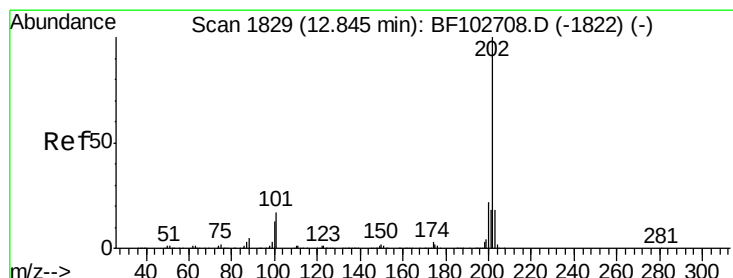
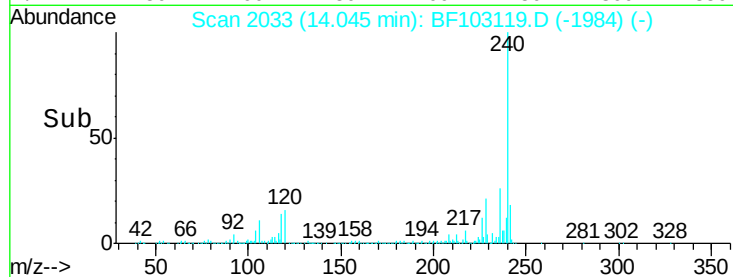
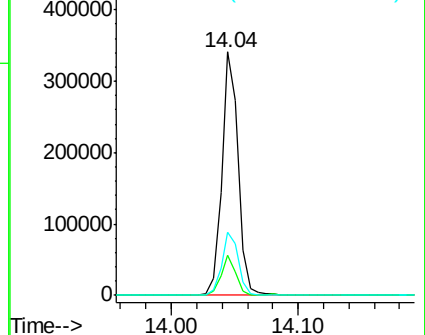
236 25.9 20.7 31.1



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: 20.465 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

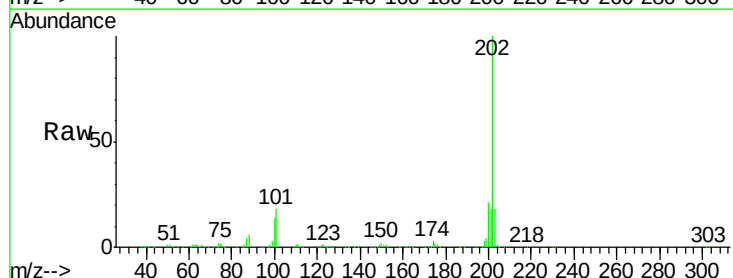
Tgt Ion:202 Resp: 492531

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

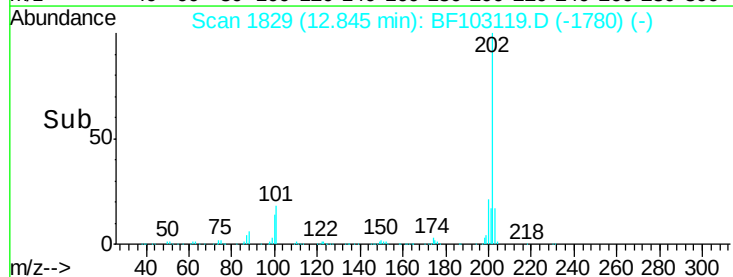
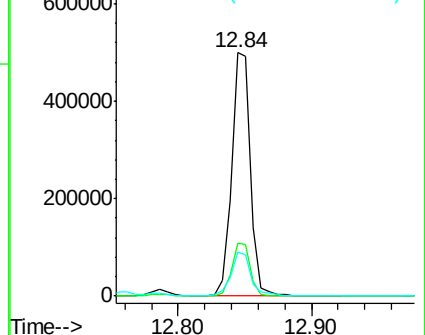
203 18.0 14.3 21.5

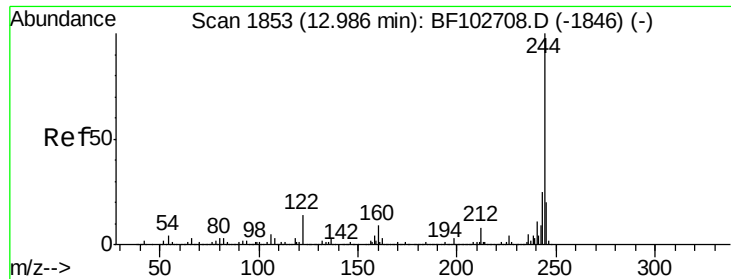


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.625 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Instrument :

BNA_F

ClientSampleId :

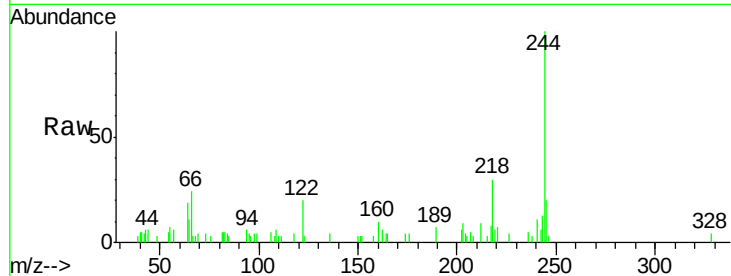
Tot Ion:244 Resp: 8106

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

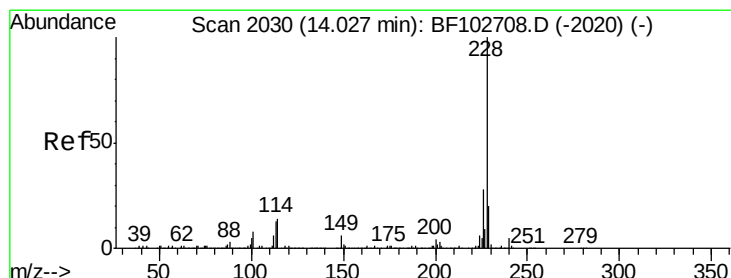
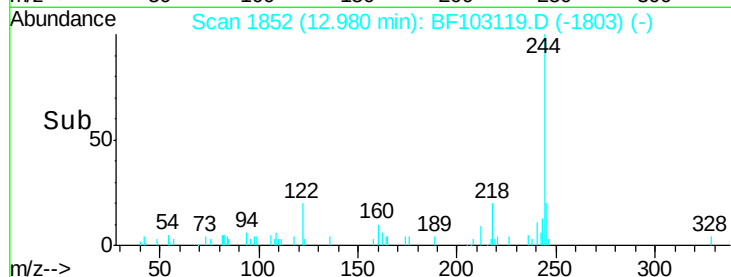
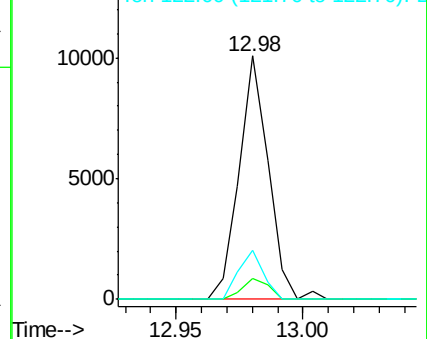
122 20.2 11.0 16.4#



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: 7.400 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

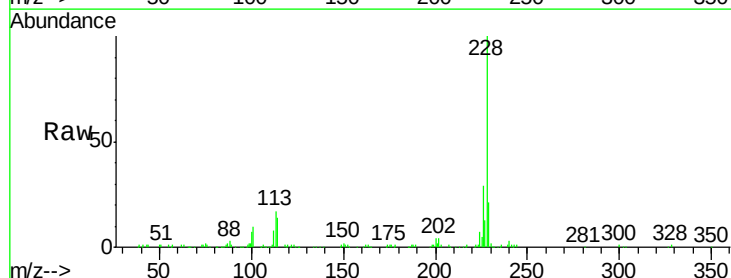
Tgt Ion:228 Resp: 142833

Ion Ratio Lower Upper

228 100

226 29.3 22.6 33.8

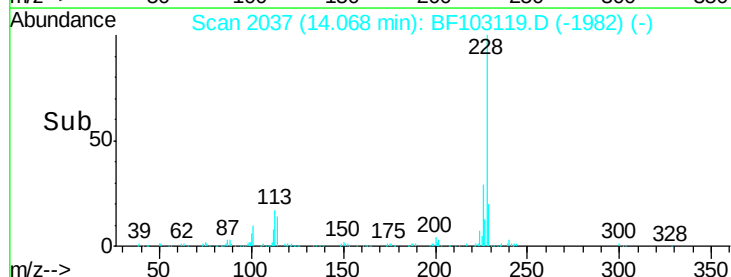
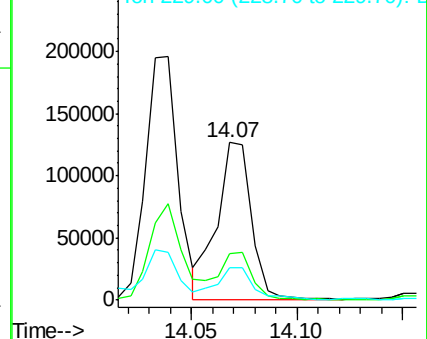
229 21.0 15.8 23.6

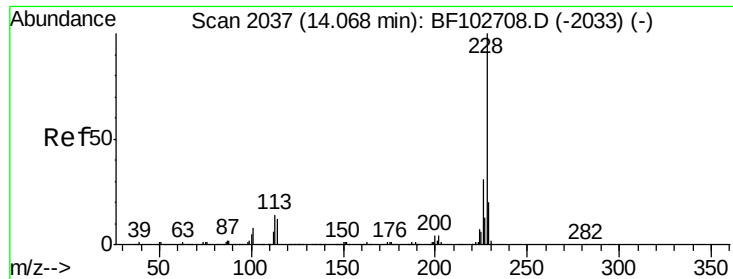


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 7.341 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

Instrument :

BNA_F

ClientSampled :

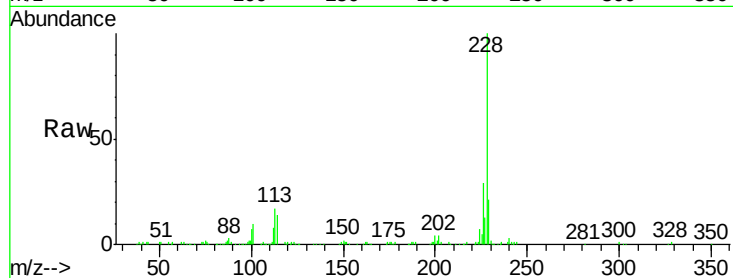
Tot Ion:228 Resp: 142833

Ion Ratio Lower Upper

228 100

226 29.3 25.0 37.6

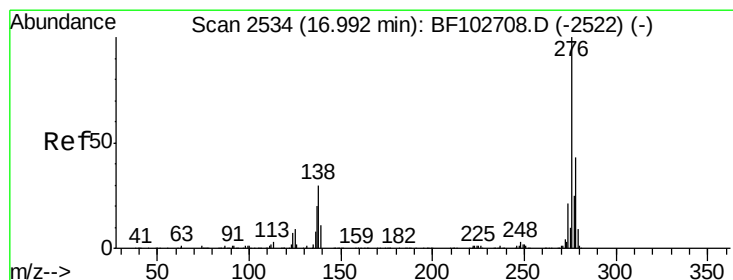
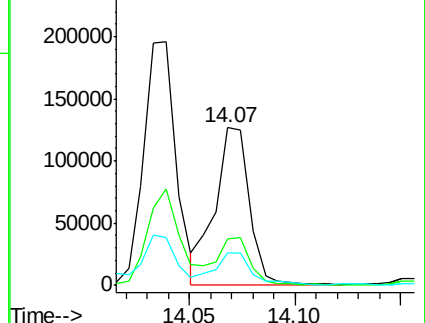
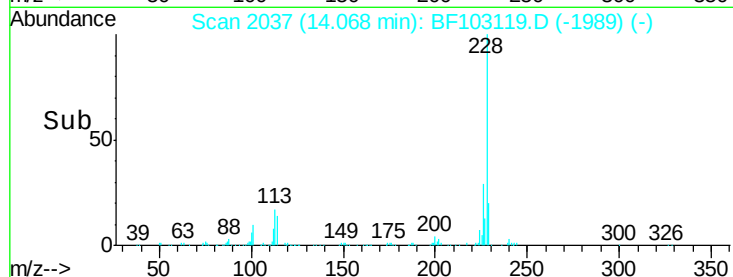
229 21.0 16.2 24.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.435 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BF103119.D

Acq: 20 Feb 2018 12:21

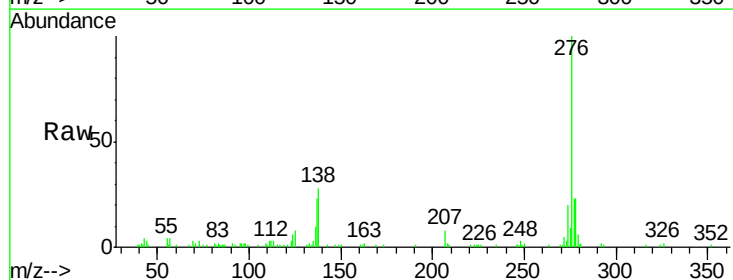
Tgt Ion:276 Resp: 71576

Ion Ratio Lower Upper

276 100

138 29.1 25.0 37.6

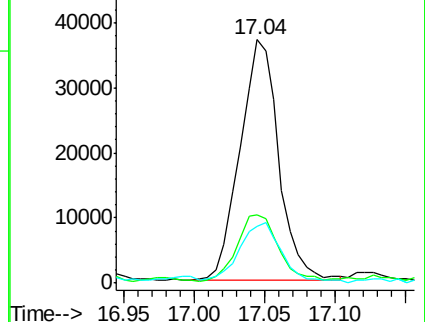
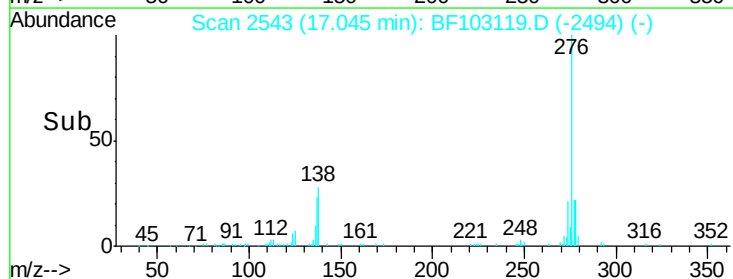
277 27.9 20.1 30.1

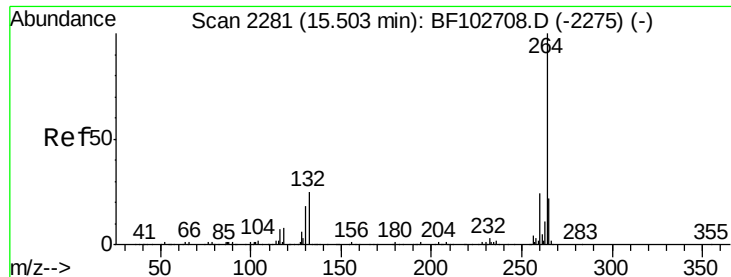


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

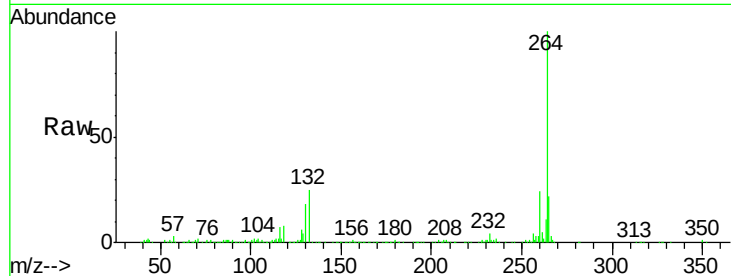




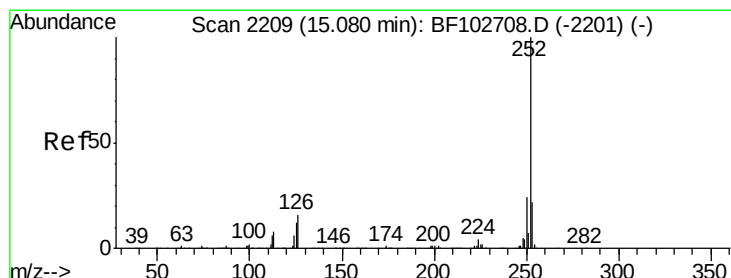
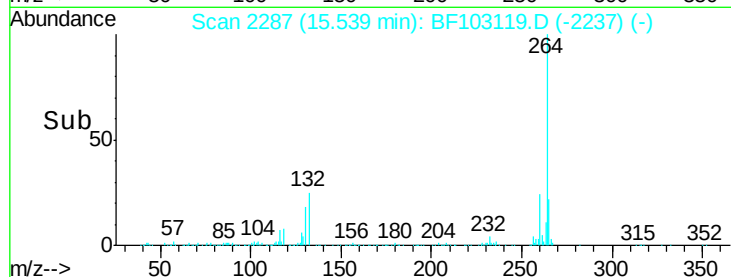
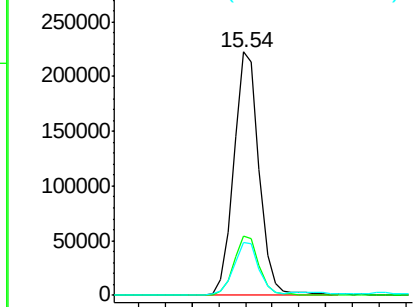
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103119.D
Acq: 20 Feb 2018 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.5	26.3

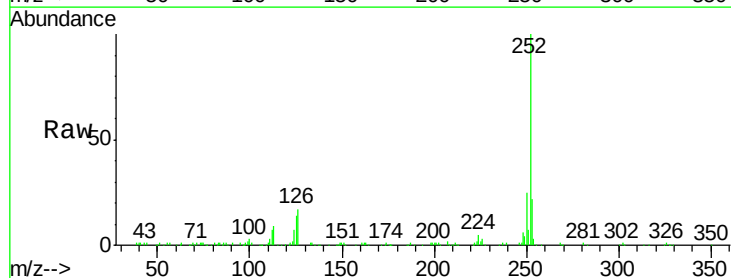


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

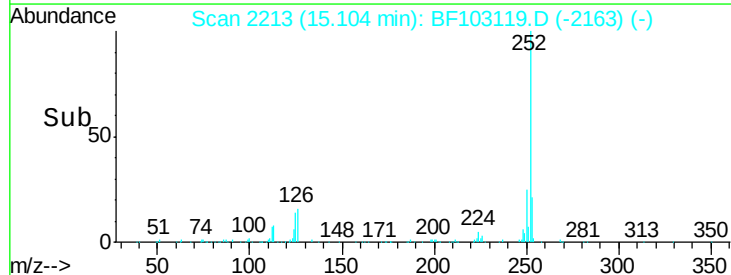
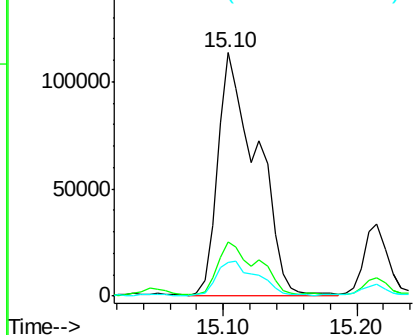


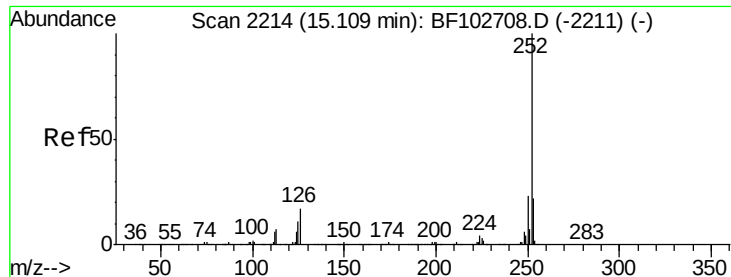
#87
Benzo(b)fluoranthene
Concen: 12.041 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103119.D
Acq: 20 Feb 2018 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	14.0	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

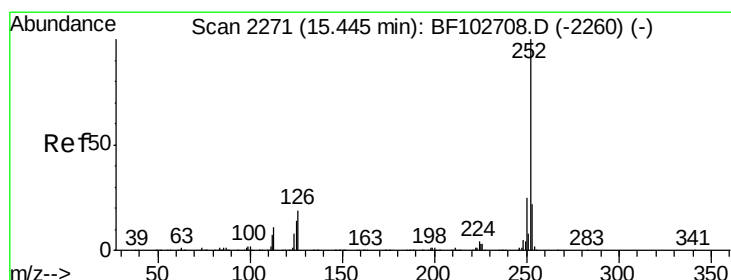
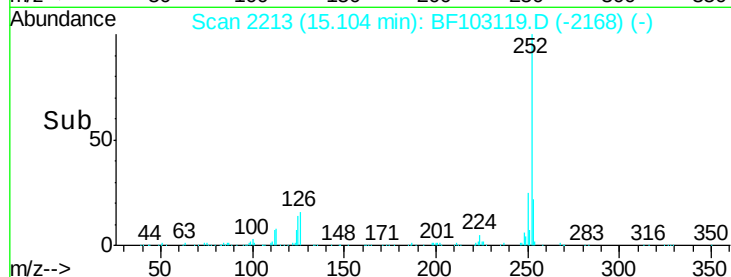
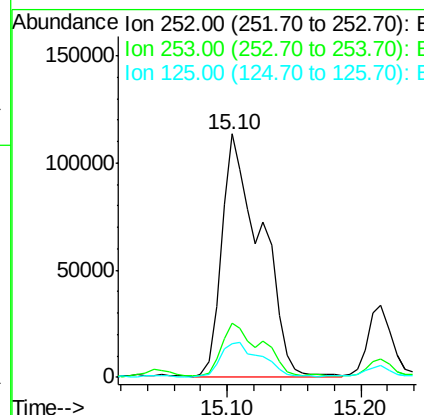
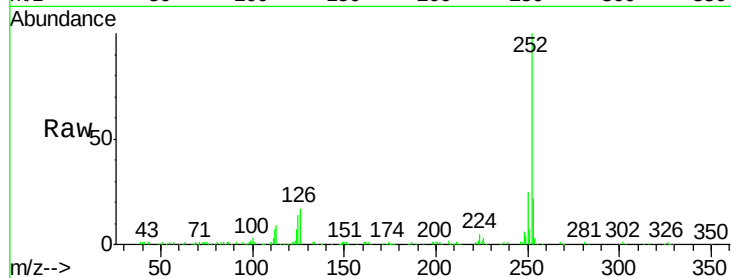




#88
Benzo(k)fluoranthene
Concen: 12.602 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.04 min
Lab File: BF103119.D
Acq: 20 Feb 2018 12:21

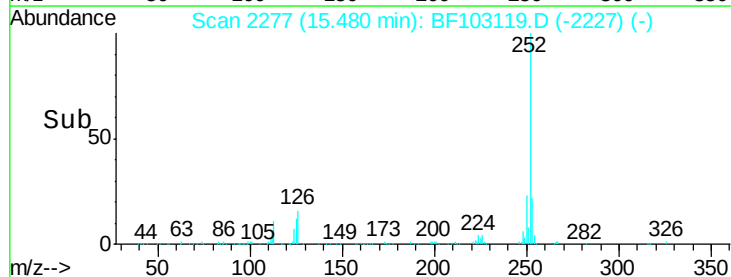
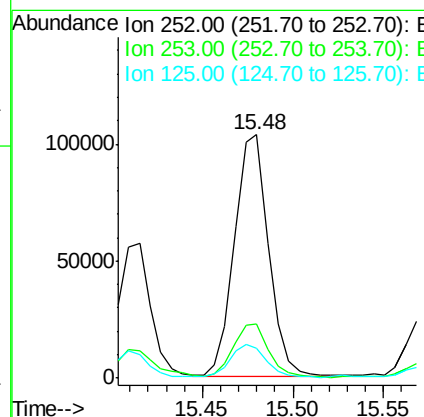
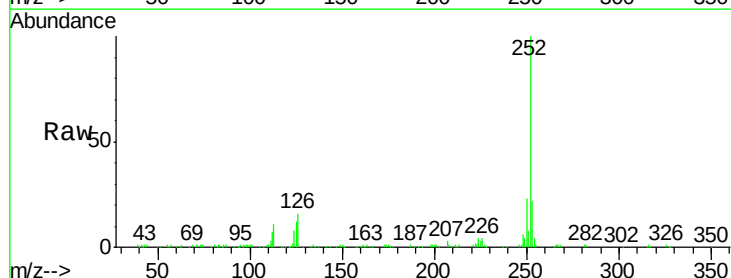
Instrument :
BNA_F
ClientSampleId :

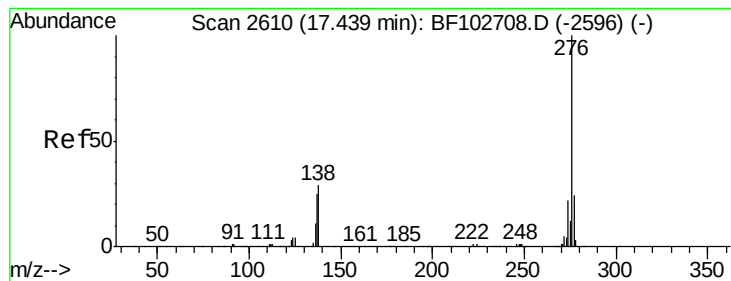
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.0	10.2	15.2



#89
Benzo(a)pyrene
Concen: 7.953 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103119.D
Acq: 20 Feb 2018 12:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	12.2	9.8	14.6

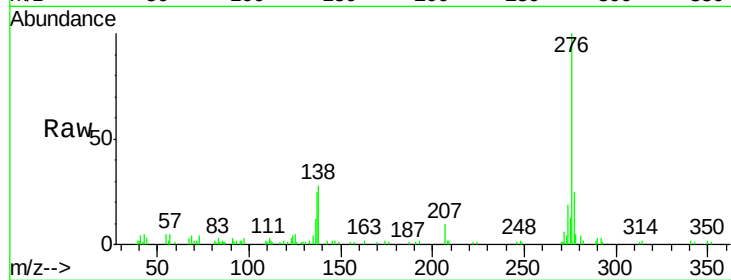




#91
 Benzo(a,h,i)perylene
 Concen: 4.388 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF103119.D
 Acq: 20 Feb 2018 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	27.7	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

