

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104221.D
 Acq On : 4 Apr 2018 11:32
 Operator : JU/SJ
 Sample : J2182-17 2X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 12:30:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	127299	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	572028	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	261205	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	418591	20.00	ng	0.00
75) Chrysene-d12	14.17	240	230185	20.00	ng	0.01
86) Perylene-d12	15.73	264	246126	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	342185	42.87	ng	0.00
7) Phenol-d6	6.59	99	493273	50.23	ng	-0.01
23) Nitrobenzene-d5	7.52	82	295356	31.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	124650	42.86	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	584099	35.26	ng	0.00
78) Terphenyl-d14	13.07	244	448189	44.96	ng	0.00

Target Compounds

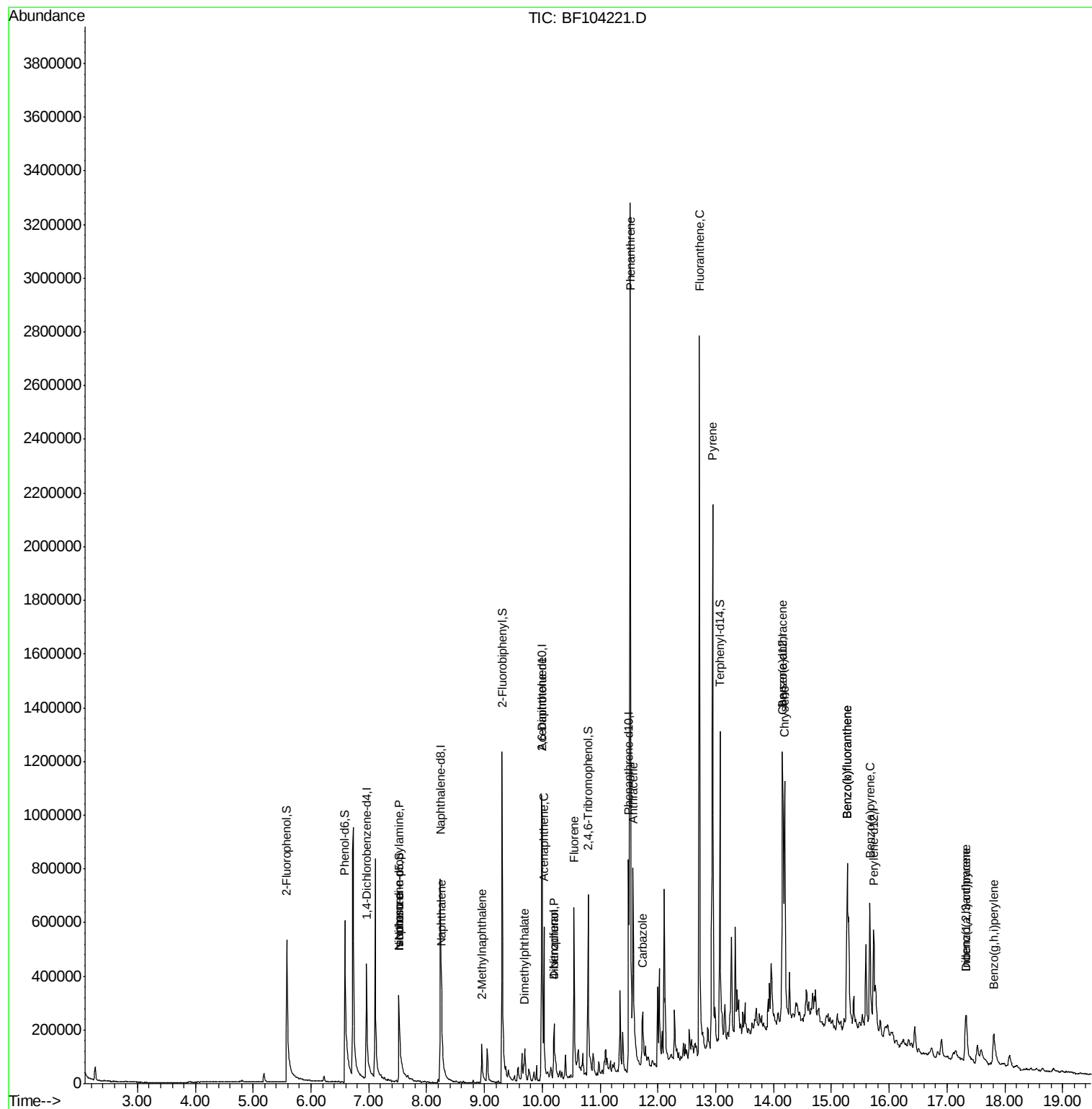
						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	30028	5.152	ng	# 76
25) Isophorone	7.52	82	298590	17.322	ng	# 64
31) Naphthalene	8.26	128	182168	6.519	ng	99
37) 2-Methylnaphthalene	8.95	142	69625	3.782	ng	99
49) Dimethylphthalate	9.70	163	57129	2.770	ng	100
50) 2,6-Dinitrotoluene	9.99	165	35698	8.046	ng	# 26
51) Acenaphthene	10.03	154	133502	8.614	ng	97
54) Dibenzofuran	10.20	168	143171	6.326	ng	99
55) 4-Nitrophenol	10.20	139	55194	18.048	ng	# 10
57) Fluorene	10.55	166	261246	13.994	ng	98
70) Phenanthrene	11.52	178	1535881	67.771	ng	99
71) Anthracene	11.57	178	490851	20.735	ng	97
72) Carbazole	11.73	167	185761	8.222	ng	99
74) Fluoranthene	12.72	202	1475181	61.237	ng	99
77) Pyrene	12.95	202	1139889	68.888	ng	99
80) Benzo(a)anthracene	14.16	228	430676	29.902	ng	98
82) Chrysene	14.19	228	419013	29.702	ng	98
85) Indeno(1,2,3-cd)pyrene	17.33	276	170317	11.651	ng	# 90
87) Benzo(b)fluoranthene	15.27	252	611840	40.847	ng	# 95
88) Benzo(k)fluoranthene	15.27	252	611840	43.361	ng	98
89) Benzo(a)pyrene	15.67	252	329271	23.721	ng	97
90) Dibenzo(a,h)anthracene	17.34	278	36434	2.839	ng	# 76
91) Benzo(g,h,i)perylene	17.81	276	141918	11.040	ng	97

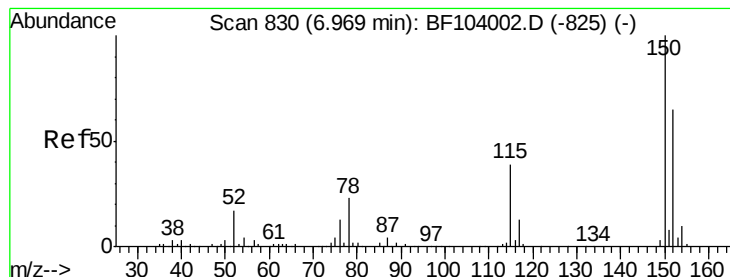
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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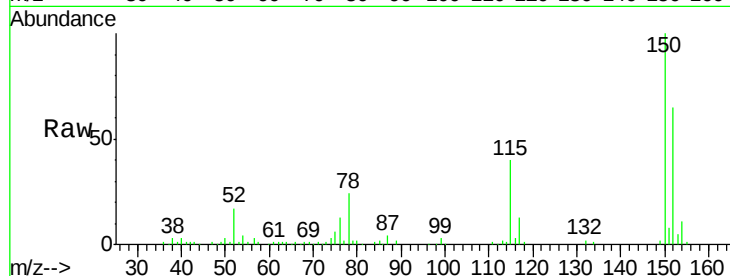


#1

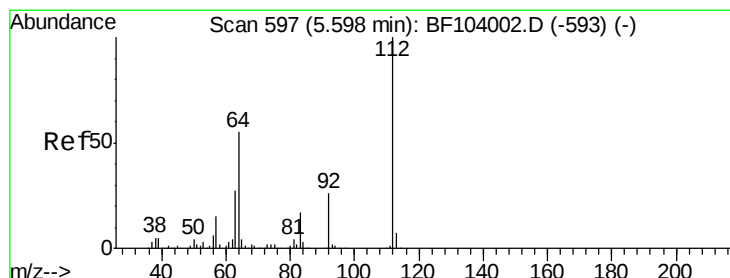
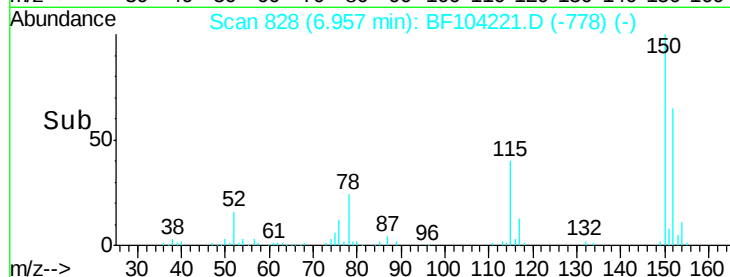
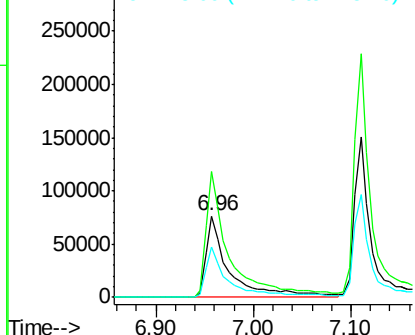
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 127299
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 62.0 50.1 75.1



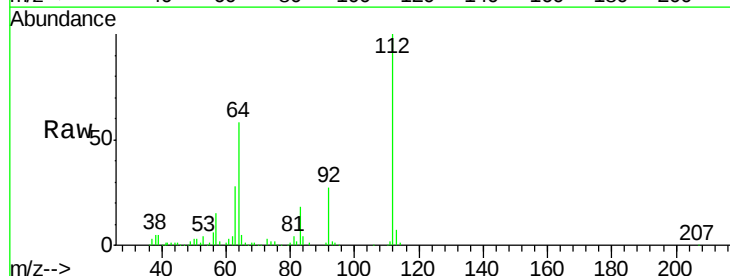
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



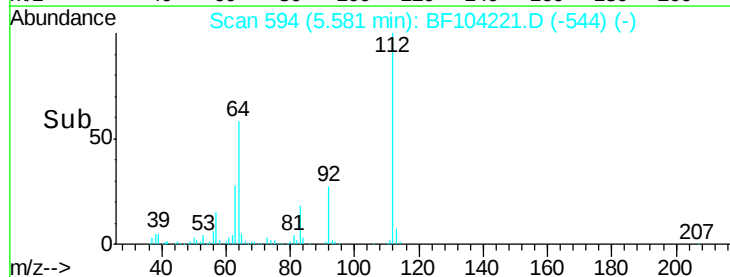
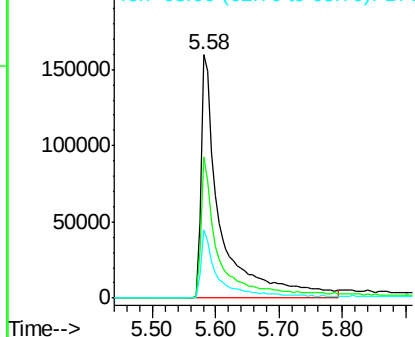
#5

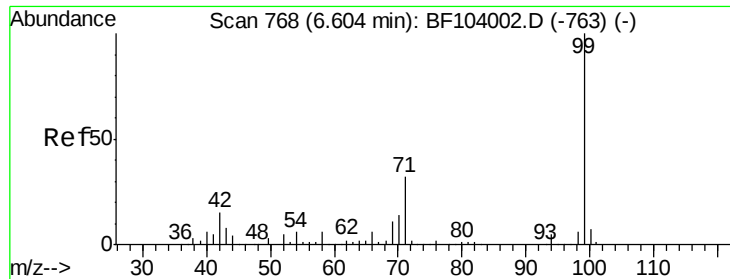
2-Fluorophenol
Concen: 42.867 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Tgt Ion:112 Resp: 342185
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 28.3 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: 50.228 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

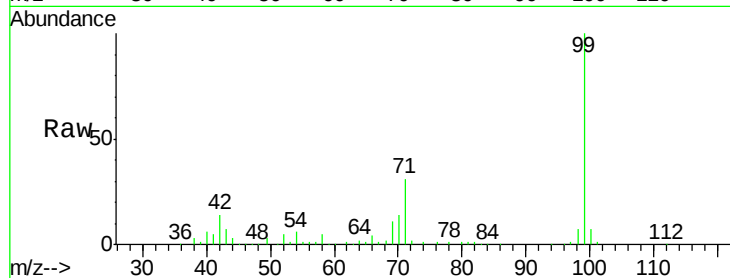
Tot Ion: 99 Resp: 493273

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

71 31.2 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

300000

250000

200000

150000

100000

50000

0

6.59

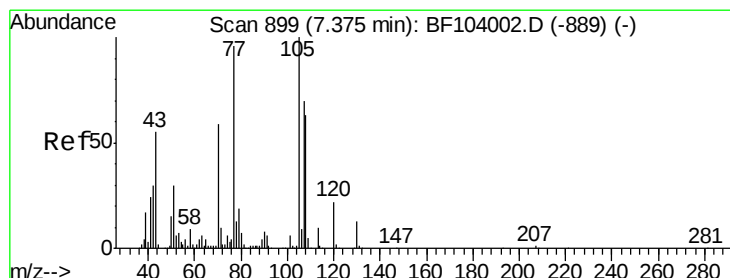
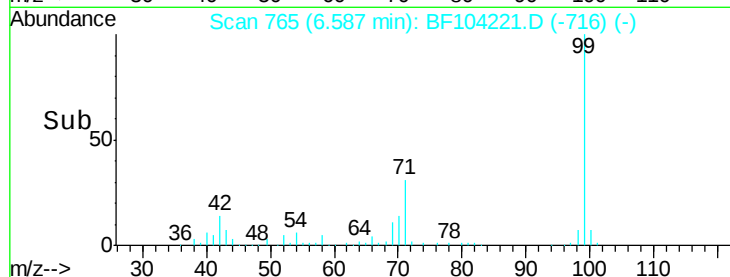
6.50

6.60

6.70

6.80

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 5.152 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.15 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Tgt Ion: 70 Resp: 30028

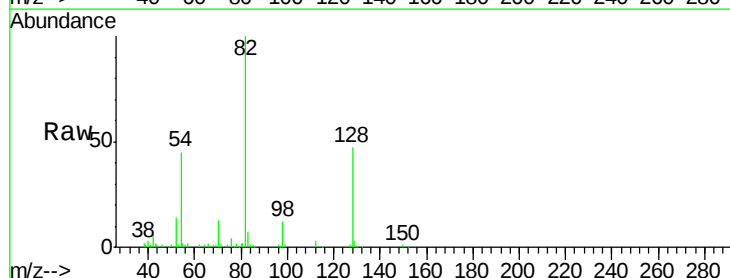
Ion Ratio Lower Upper

70 100

42 44.9 47.5 71.3#

101 0.0 7.4 11.2#

130 3.6 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

20000

15000

10000

5000

0

7.52

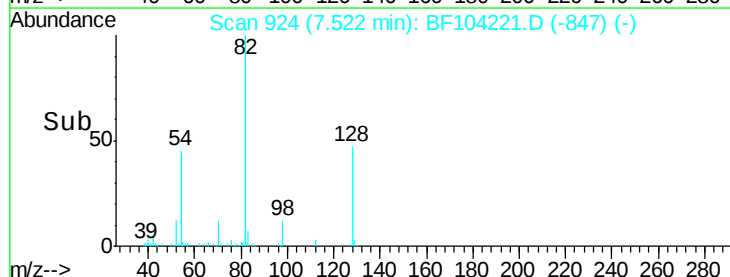
7.45

7.50

7.55

7.60

Time-->

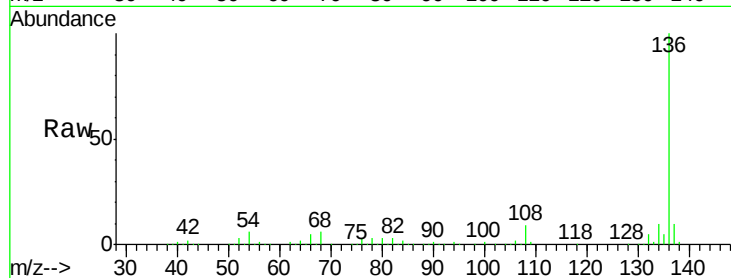




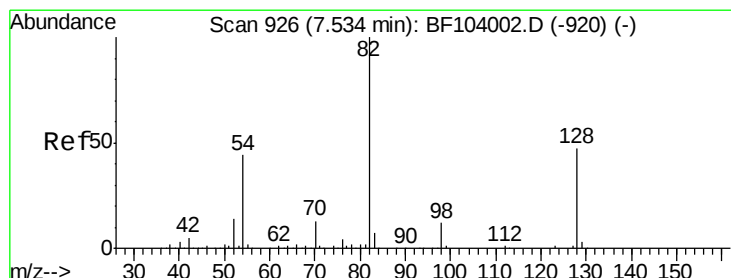
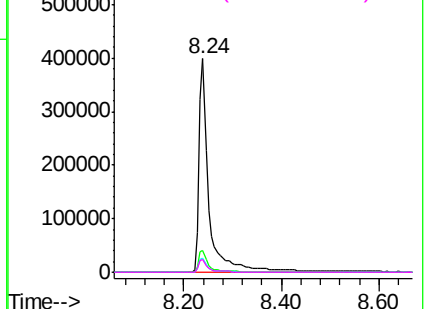
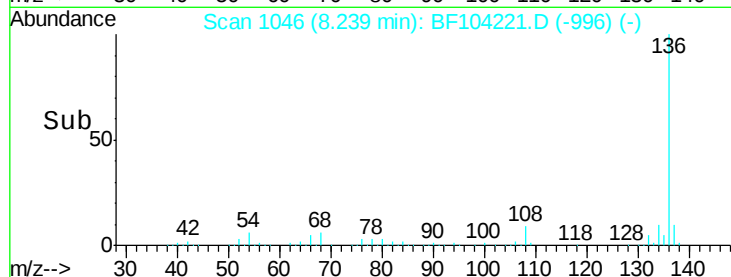
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	572028
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	6.4	6.6 9.8#
68	5.7	5.0 7.4

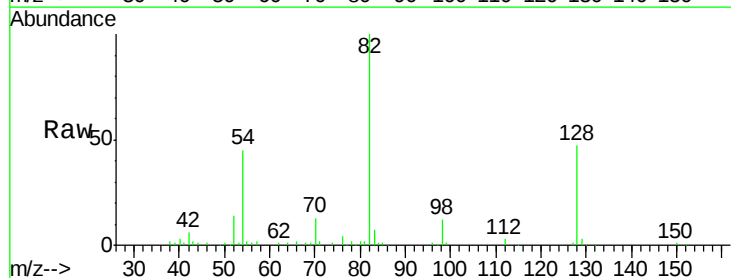


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

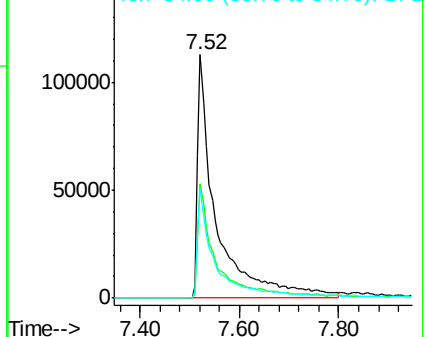
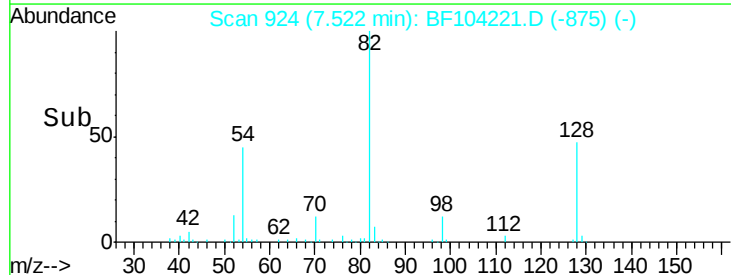


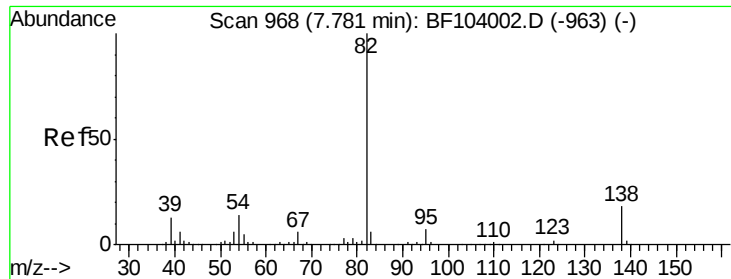
#23
Nitrobenzene-d5
Concen: 31.577 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Tgt Ion: 82	Resp:	295356
Ion Ratio	Lower	Upper
82	100	
128	46.8	36.1 54.1
54	44.9	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: 17.322 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.26 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

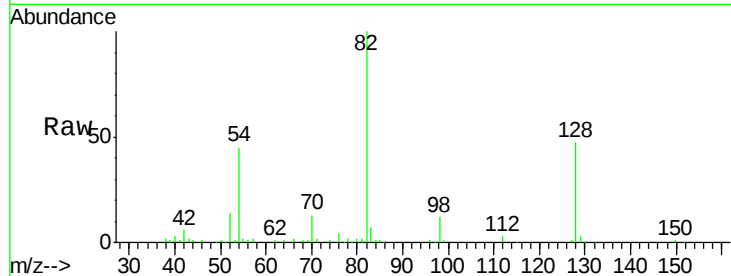
Tot Ion: 82 Resp: 298590

Ion Ratio Lower Upper

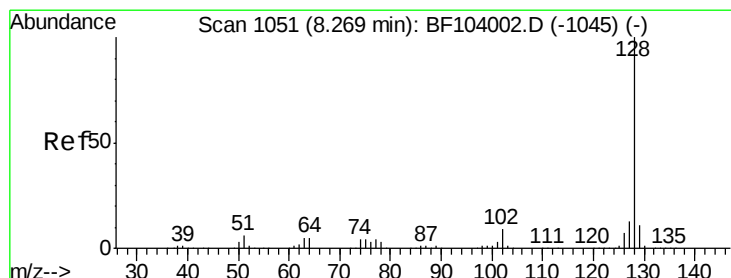
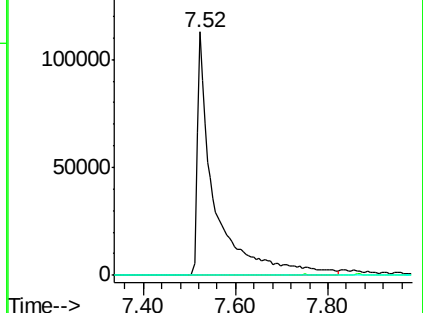
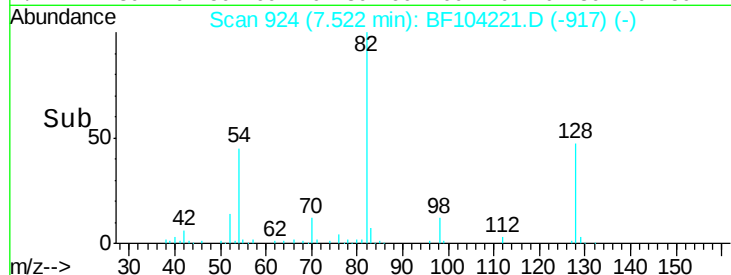
82 100

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: 6.519 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

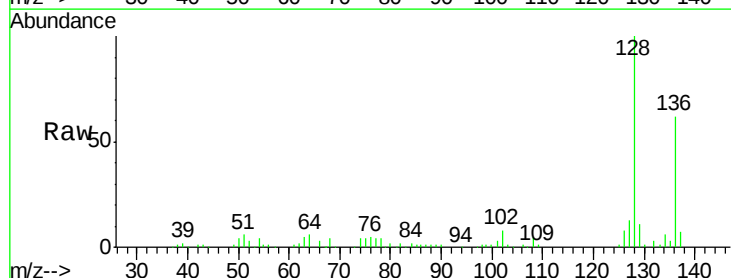
Tgt Ion: 128 Resp: 182168

Ion Ratio Lower Upper

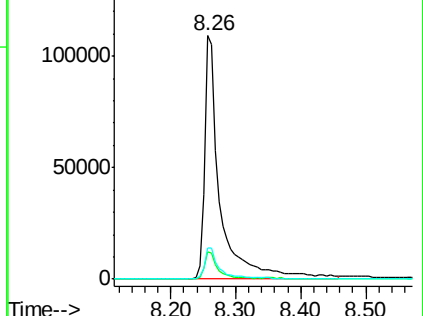
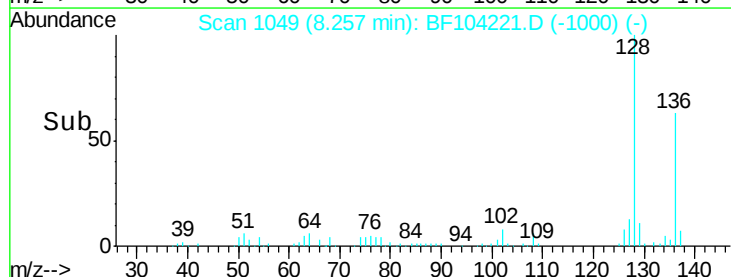
128 100

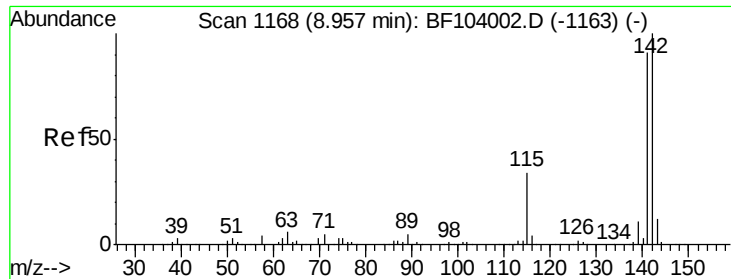
129 11.1 8.8 13.2

127 12.8 10.9 16.3



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

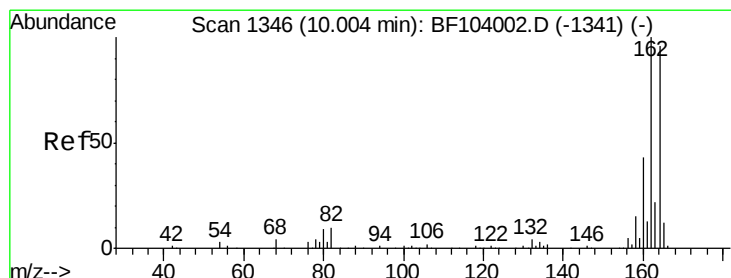
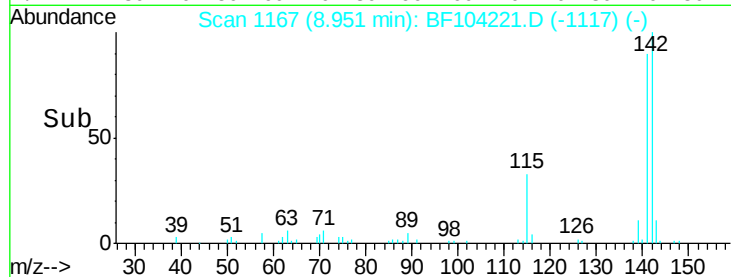
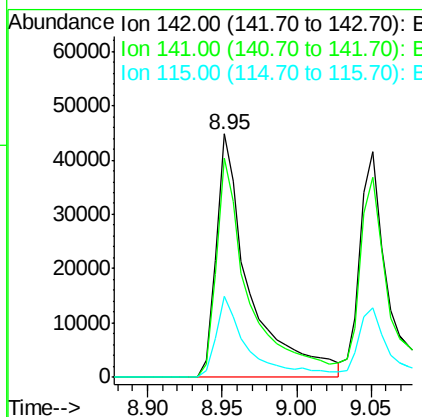
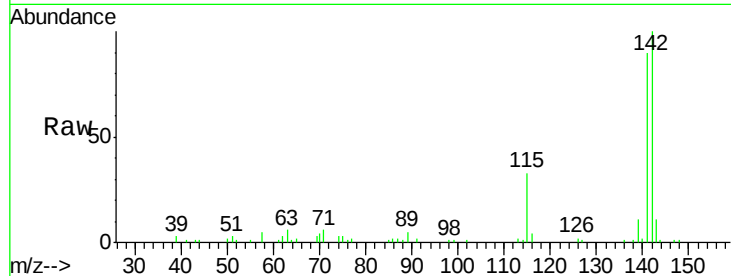




#37
 2-Methylnaphthalene
 Concen: 3.782 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF104221.D
 Acq: 4 Apr 2018 11:32

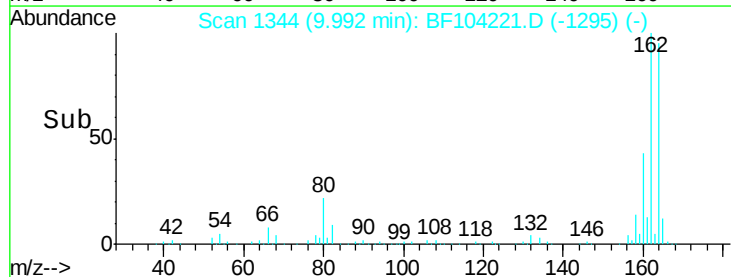
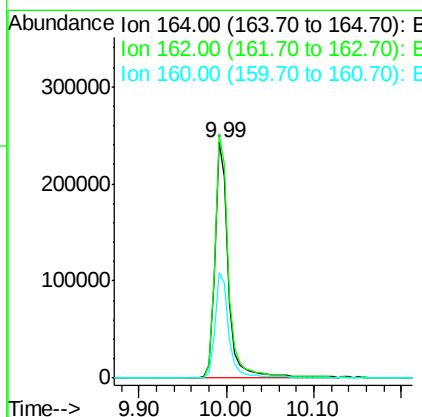
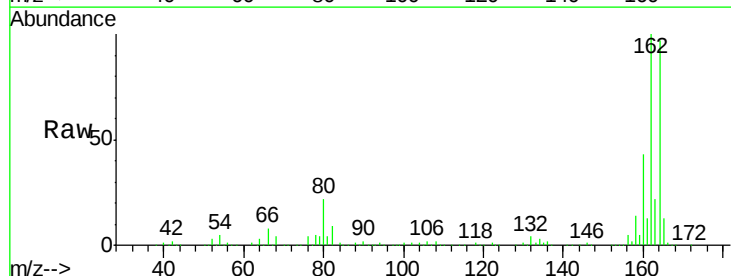
Instrument :
 BNA_F
 ClientSampleID :

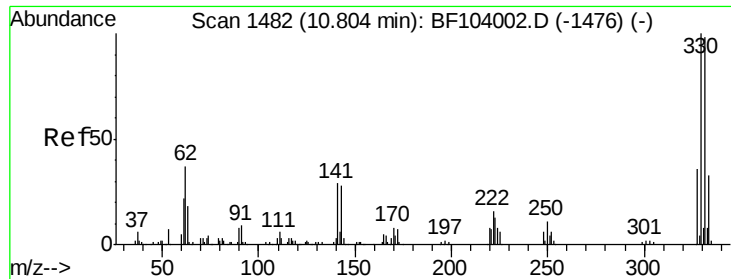
Tot Ion:142 Resp: 69625
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.8 106.2
 115 33.2 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104221.D
 Acq: 4 Apr 2018 11:32

Tgt Ion:164 Resp: 261205
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 44.7 38.3 57.5

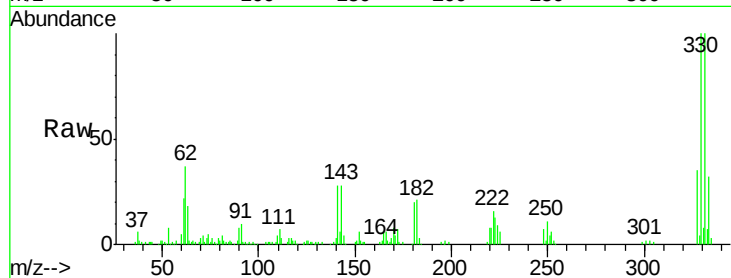




#41
 2,4,6-Tribromophenol
 Concen: 42.857 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104221.D
 Acq: 4 Apr 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.9	29.9	44.9

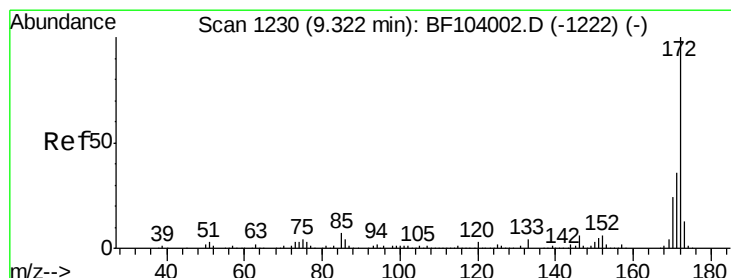
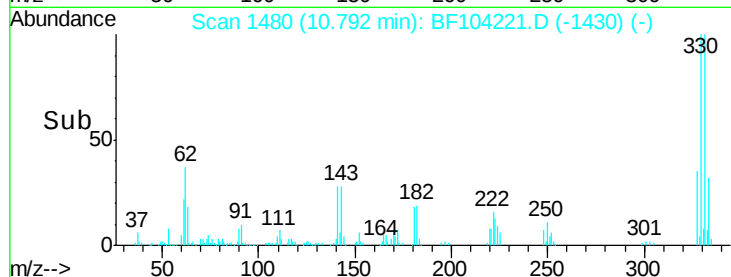
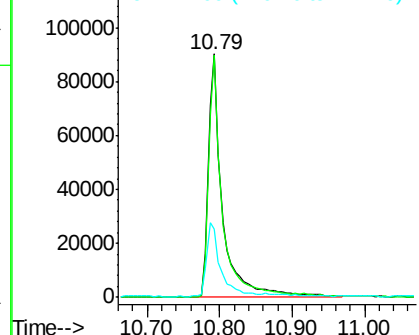


Abundance

Ion 329.80 (329.50 to 330.50): E

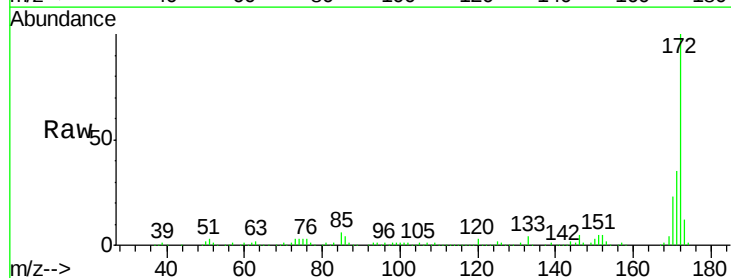
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 35.263 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104221.D
 Acq: 4 Apr 2018 11:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.4	19.6	29.4

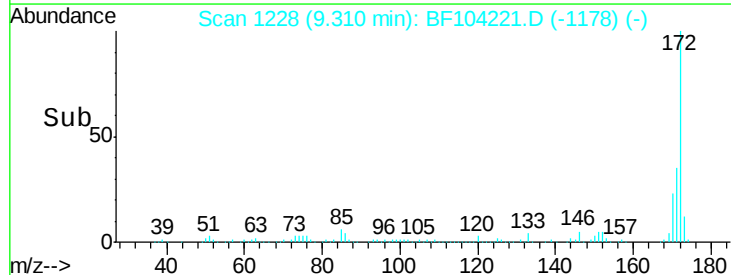
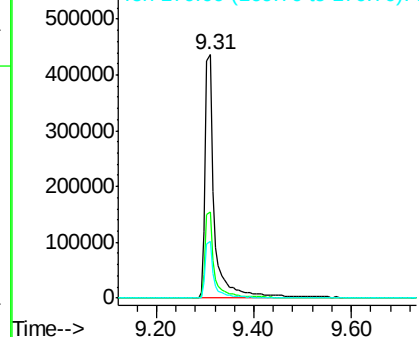


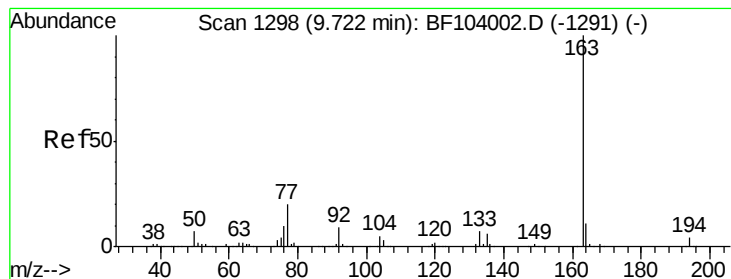
Abundance

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: 2.770 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

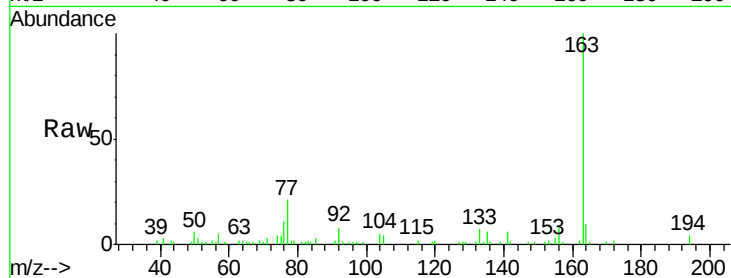
Tot Ion:163 Resp: 57129

Ion Ratio Lower Upper

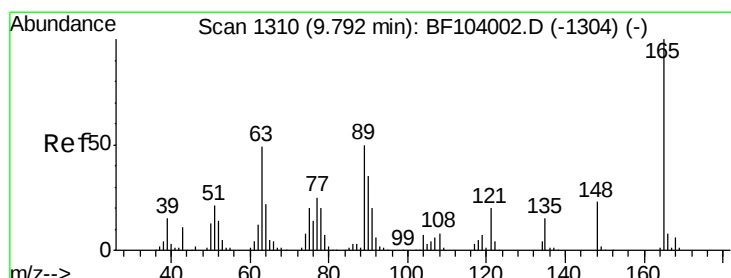
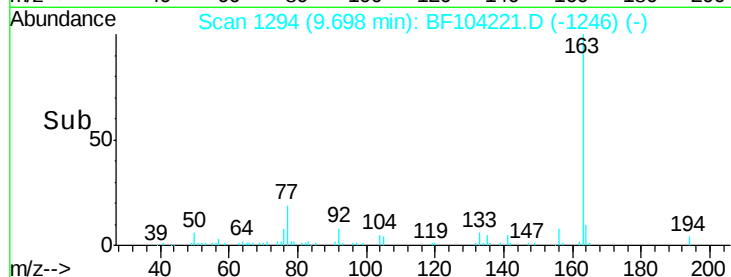
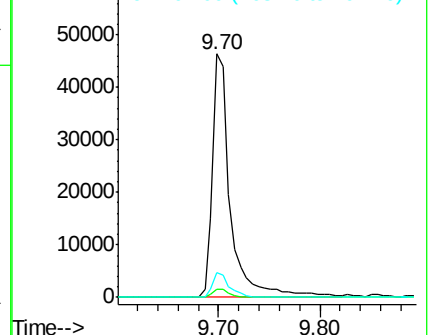
163 100

194 3.5 2.7 4.1

164 10.3 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



#50

2,6-Dinitrotoluene

Concen: 8.046 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.20 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

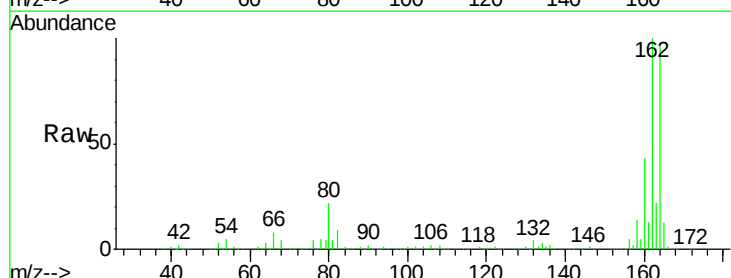
Tgt Ion:165 Resp: 35698

Ion Ratio Lower Upper

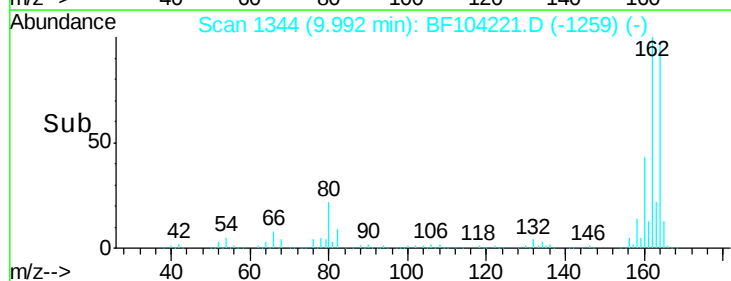
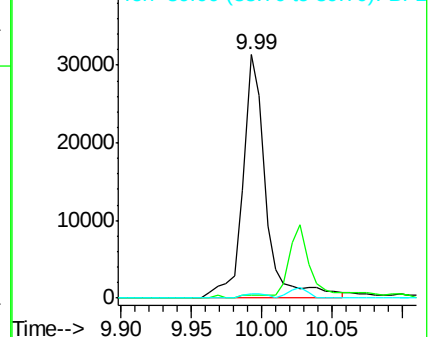
165 100

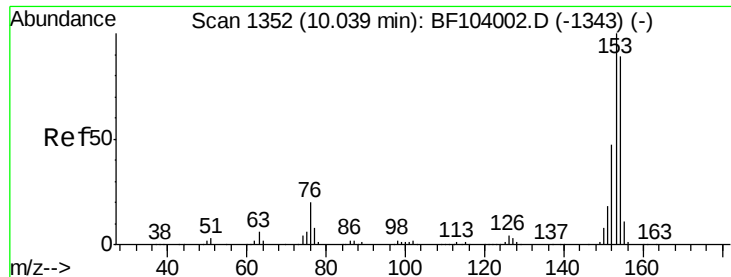
63 1.1 44.7 67.1#

89 1.7 44.0 66.0#



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





#51

Acenaphthene

Concen: 8.614 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

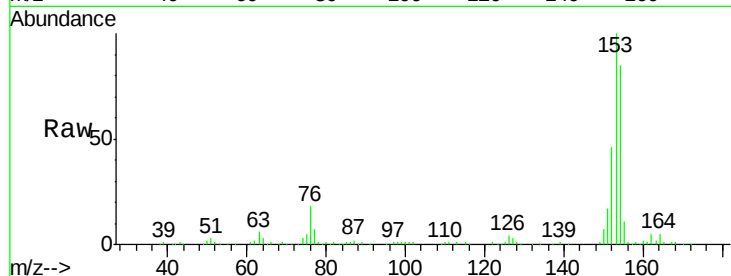
Tot Ion:154 Resp: 133502

Ion Ratio Lower Upper

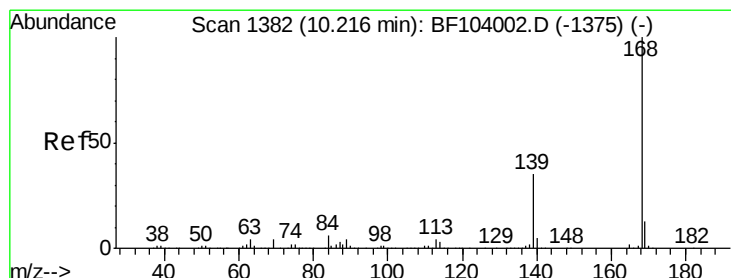
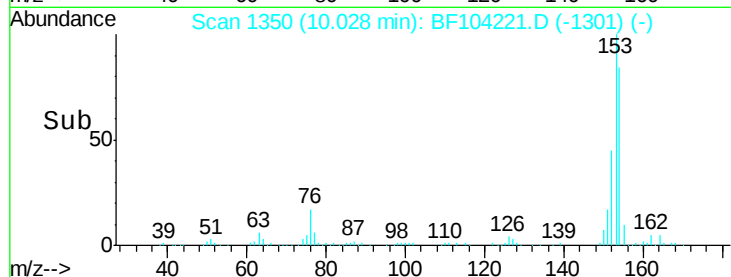
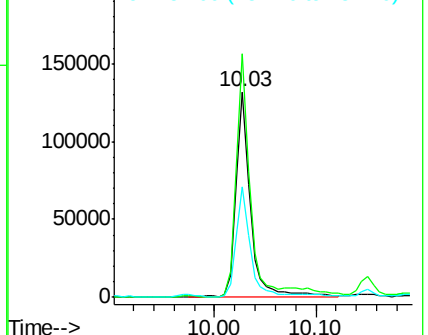
154 100

153 118.3 91.2 136.8

152 53.9 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



#54

Dibenzofuran

Concen: 6.326 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

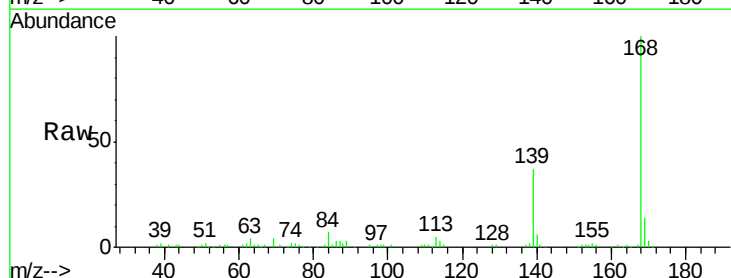
Tgt Ion:168 Resp: 143171

Ion Ratio Lower Upper

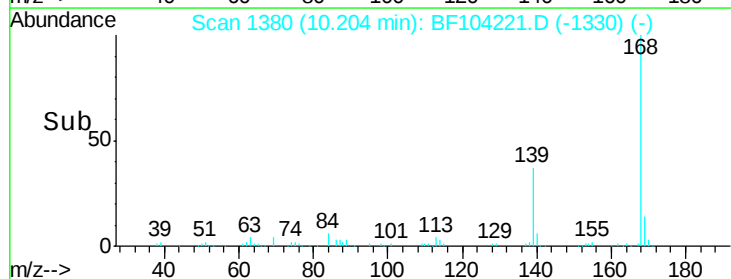
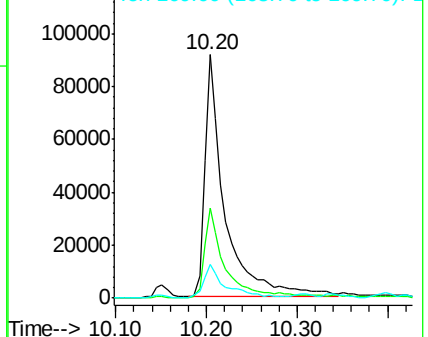
168 100

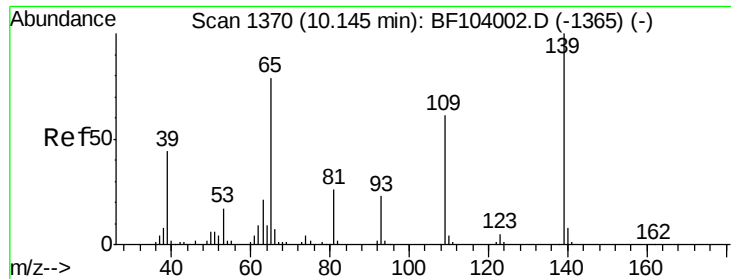
139 36.8 30.1 45.1

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

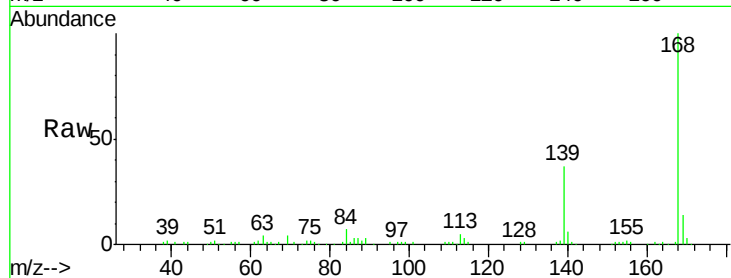




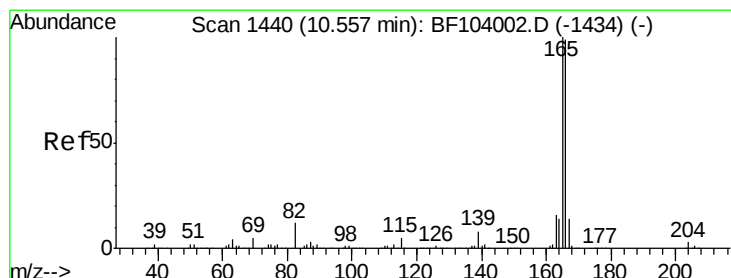
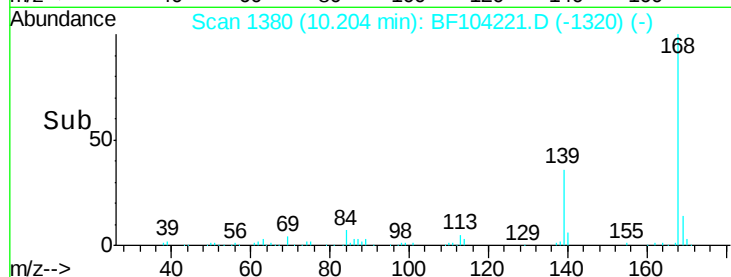
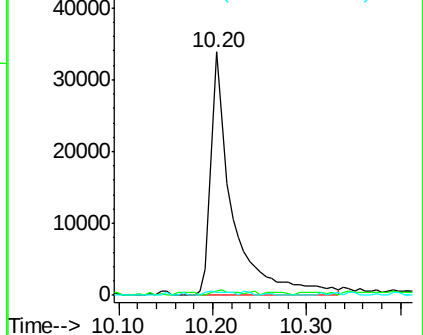
#55
4-Nitrophenol
Concen: 18.048 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.05 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	2.0	48.4	88.4#
65	1.4	72.6	112.6#

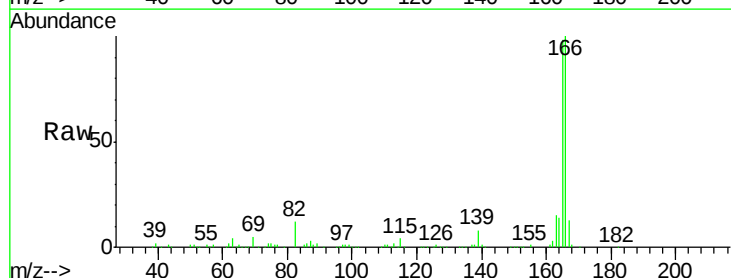


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

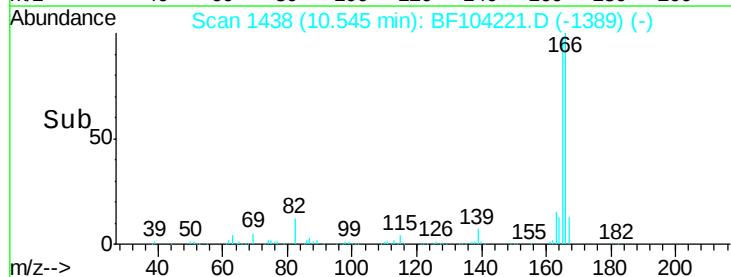
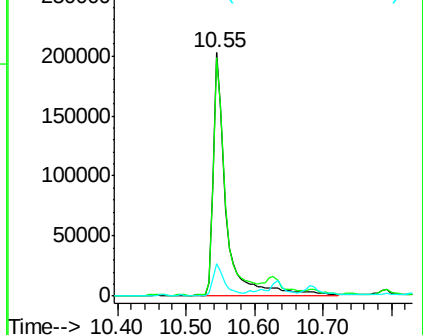


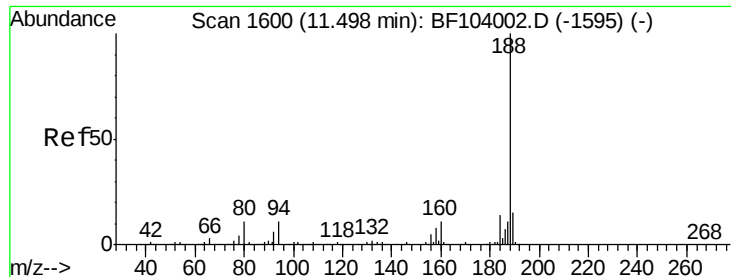
#57
Fluorene
Concen: 13.994 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.4	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

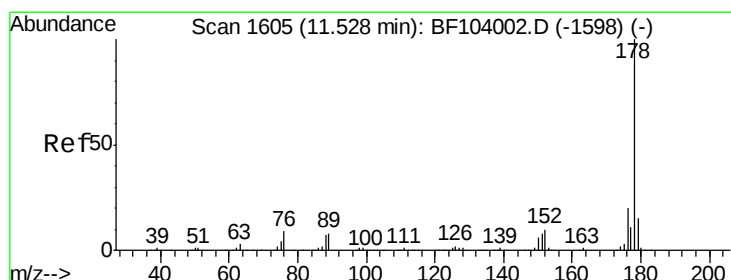
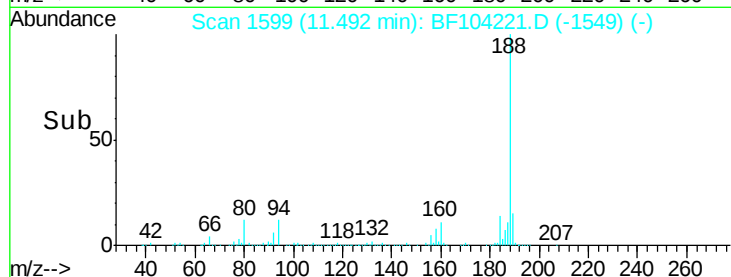
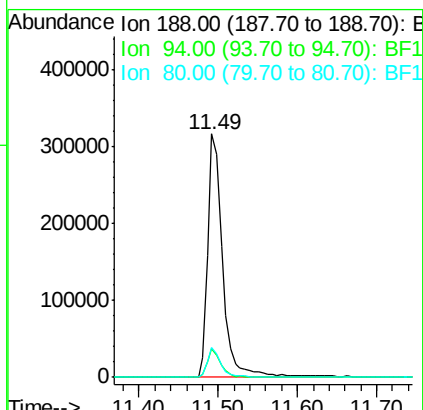
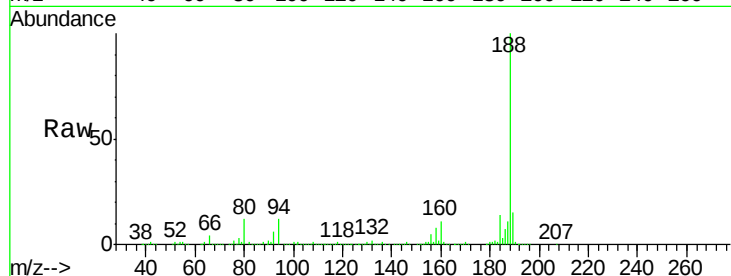




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

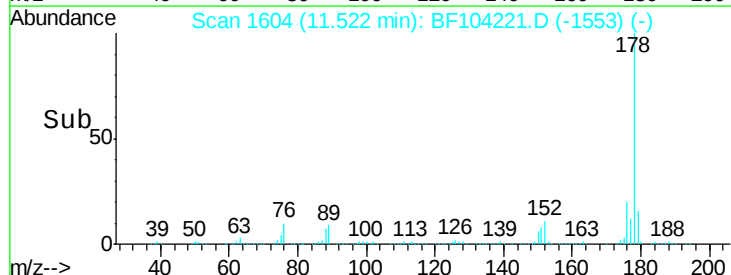
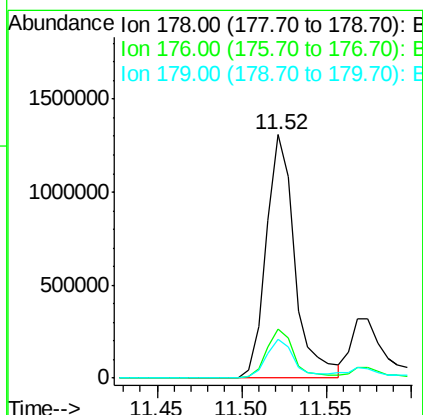
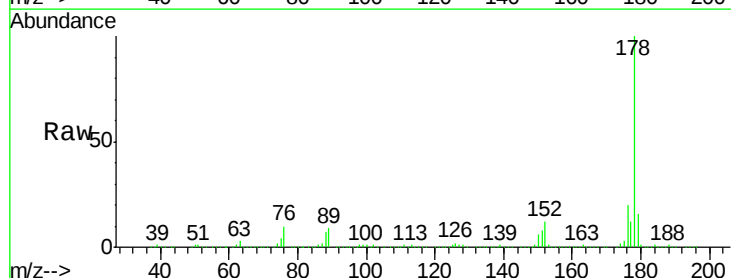
Instrument :
BNA_F
ClientSampleId :

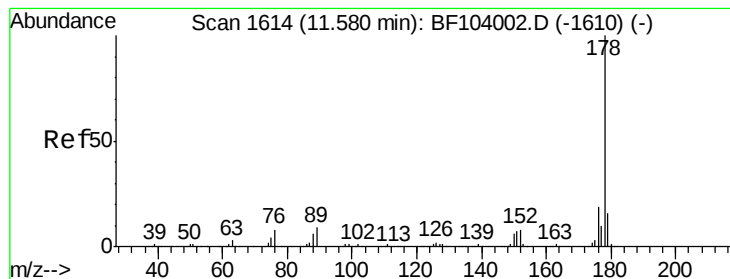
Tot Ion:188 Resp: 418591
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.1 9.2 13.8



#70
Phenanthrene
Concen: 67.771 ng
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Tgt Ion:178 Resp: 1535881
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 16.1 13.0 19.6





#71

Anthracene

Concen: 20.735 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

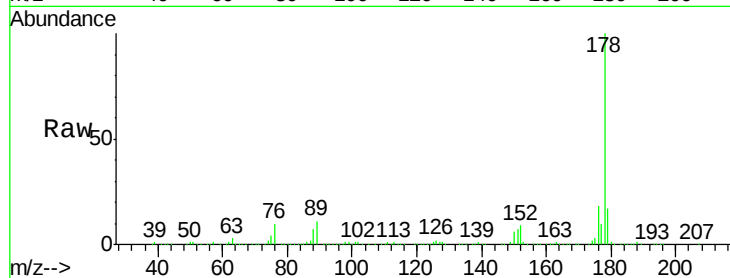
Tot Ion:178 Resp: 490851

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	17.1	12.6	19.0

178 100

176 17.9 15.4 23.2

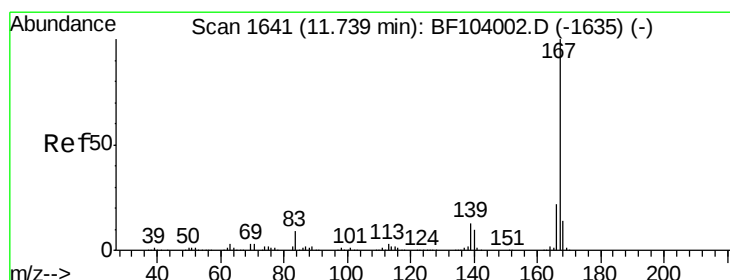
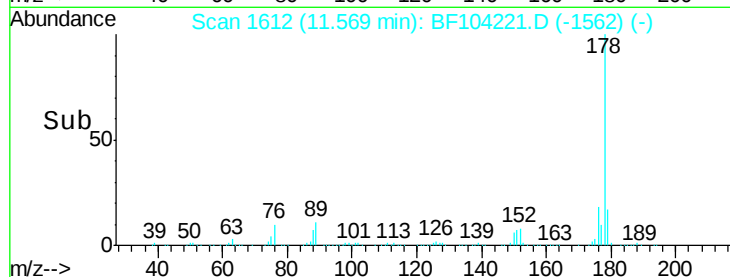
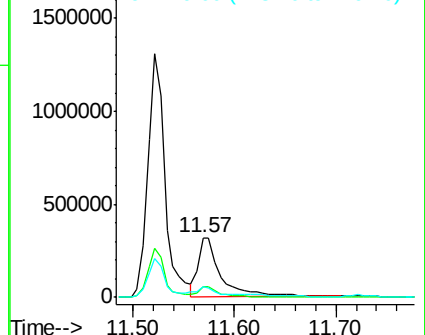
179 17.1 12.6 19.0



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: 8.222 ng

RT: 11.73 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

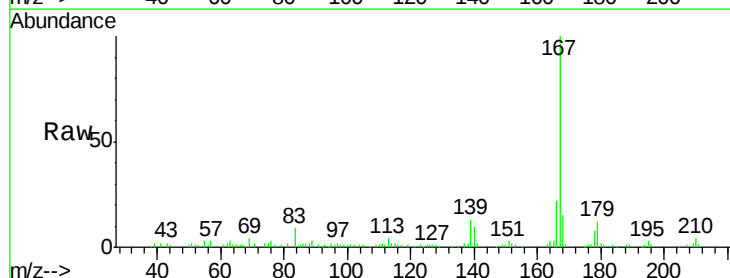
Tgt Ion:167 Resp: 185761

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.7	10.9	16.3

167 100

166 21.7 17.6 26.4

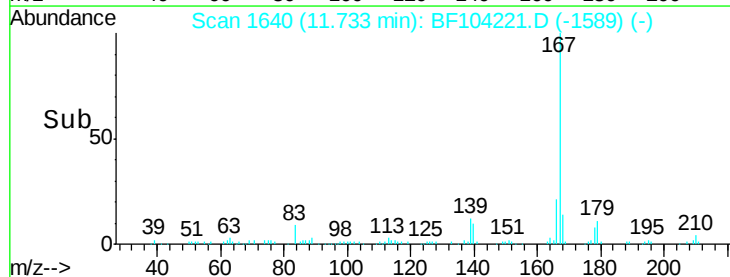
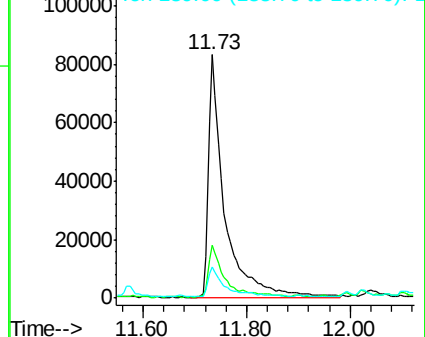
139 12.7 10.9 16.3

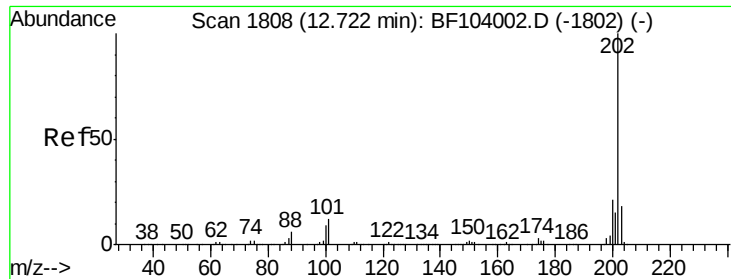


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 61.237 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

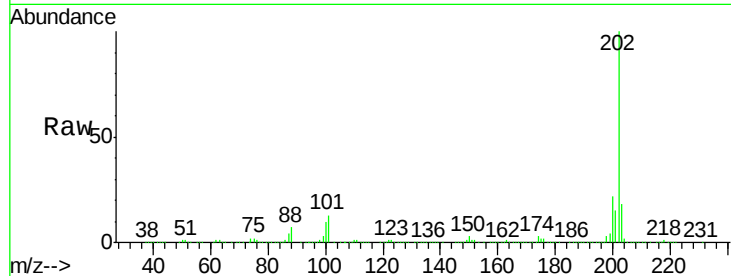
Tot Ion:202 Resp: 1475181

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

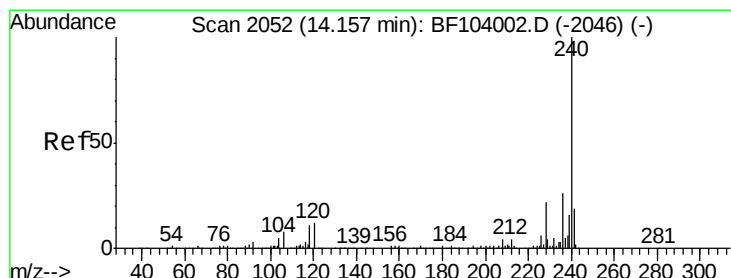
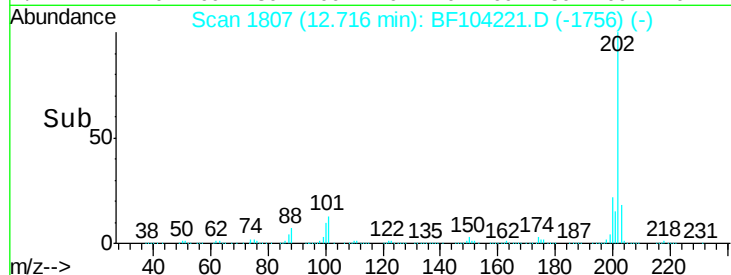
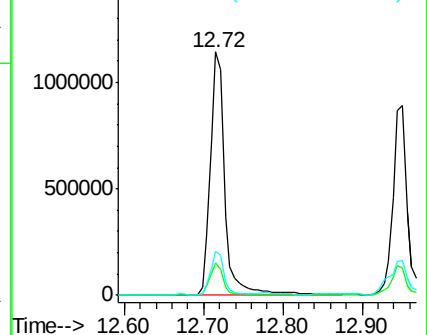
203 18.0 0.0 38.1



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: 14.17 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

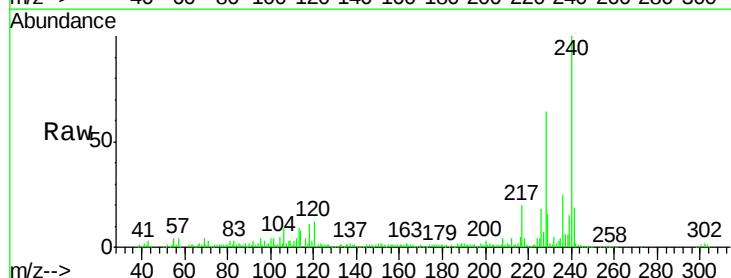
Tgt Ion:240 Resp: 230185

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

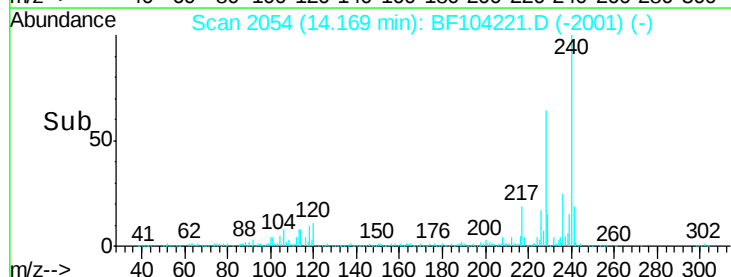
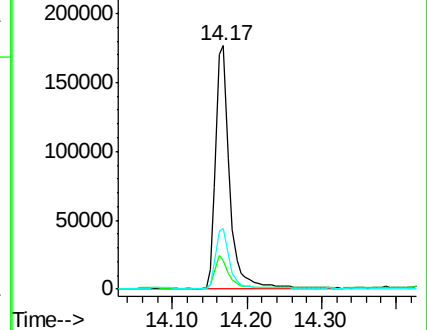
236 24.7 20.7 31.1

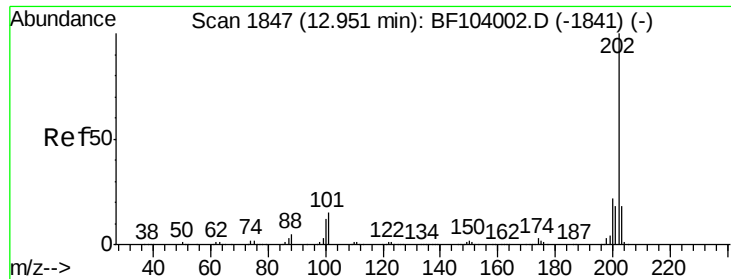


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

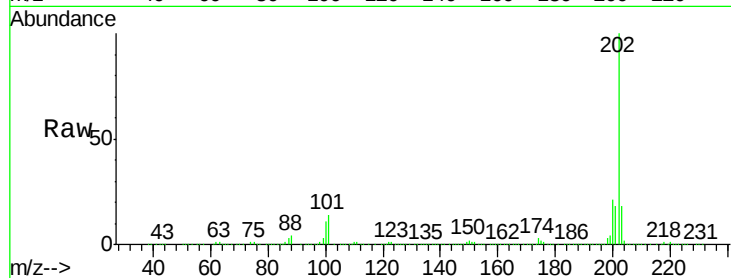




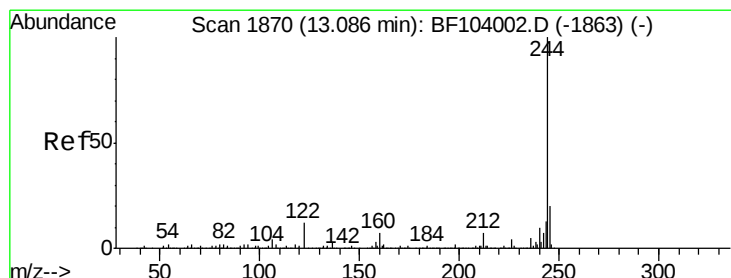
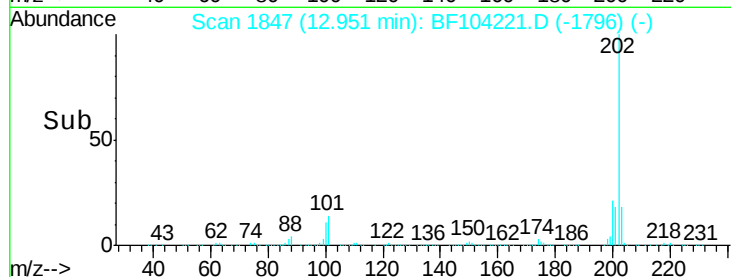
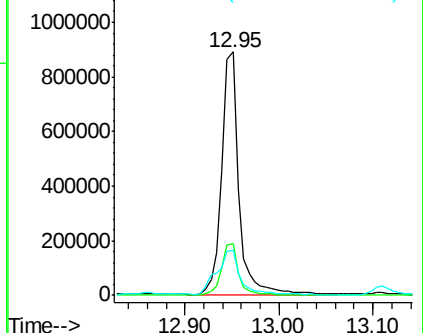
#77
Pvrene
Concen: 68.888 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1139889
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 18.4 14.3 21.5

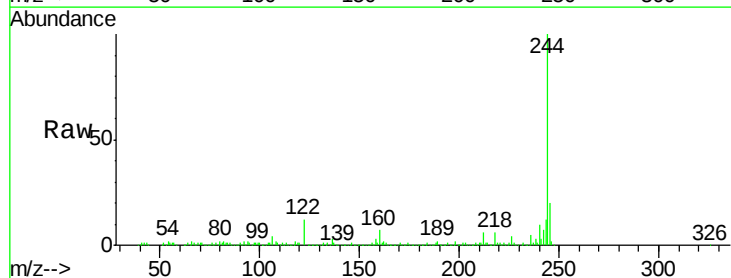


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

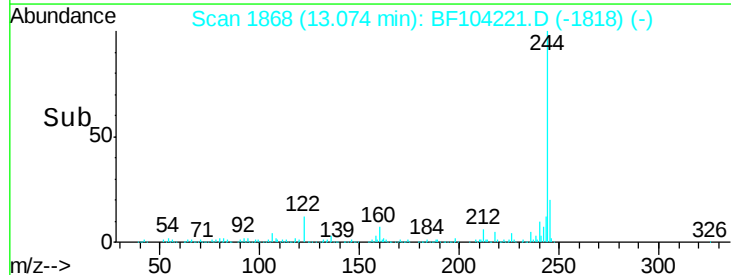
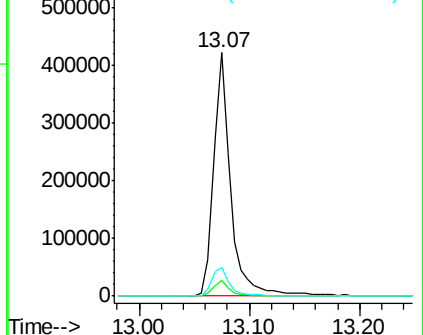


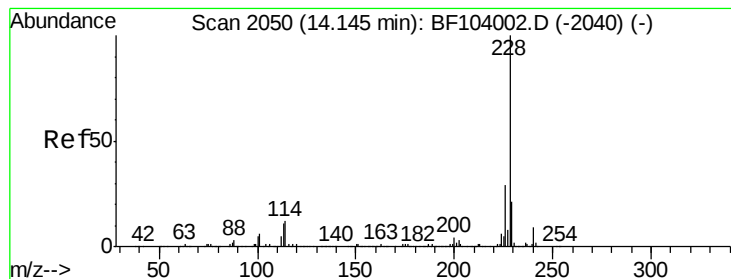
#78
Terphenyl-d14
Concen: 44.957 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Tgt Ion:244 Resp: 448189
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 11.9 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: 29.902 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

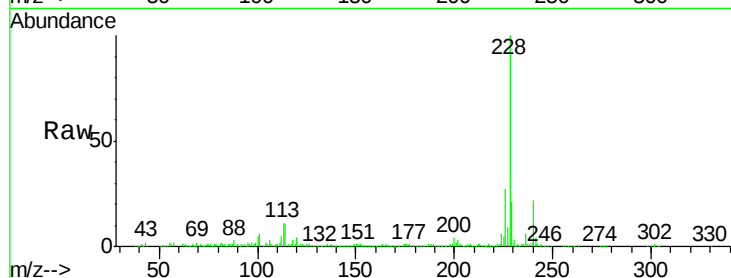
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 430676

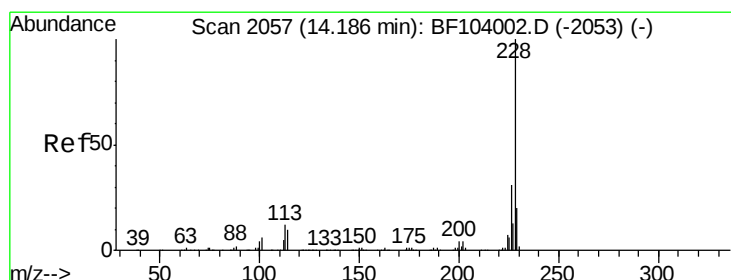
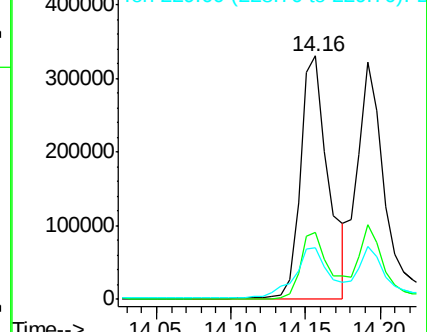
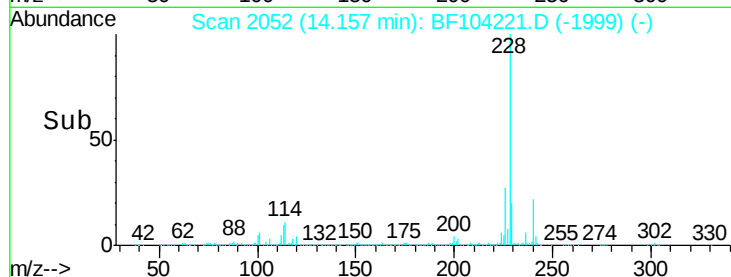
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.0	15.8	23.6



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: 29.702 ng

RT: 14.19 min Scan# 2058

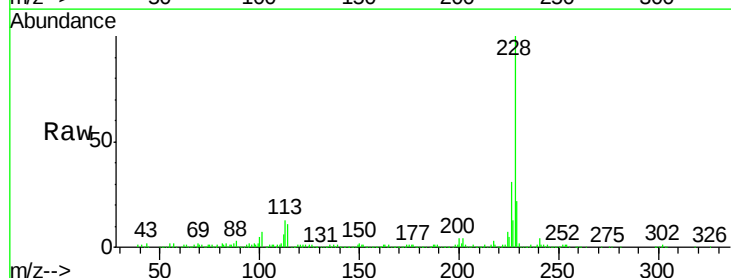
Delta R.T. 0.01 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Tgt Ion:228 Resp: 419013

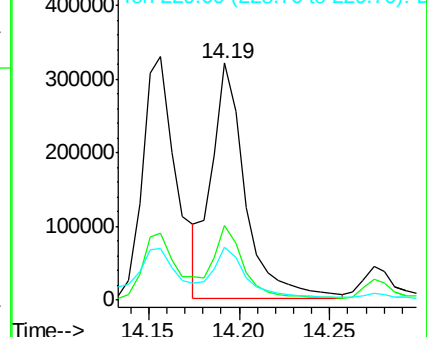
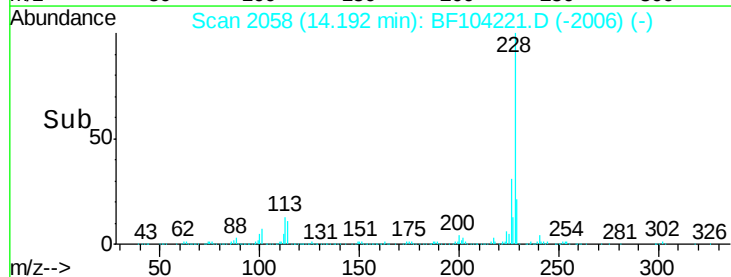
Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.1	16.2	24.4

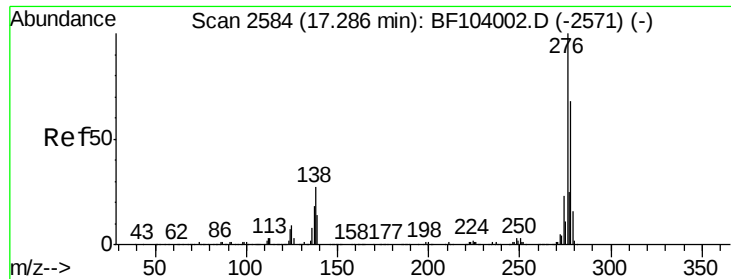


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

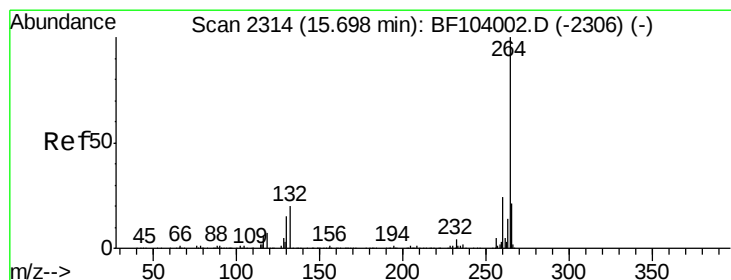
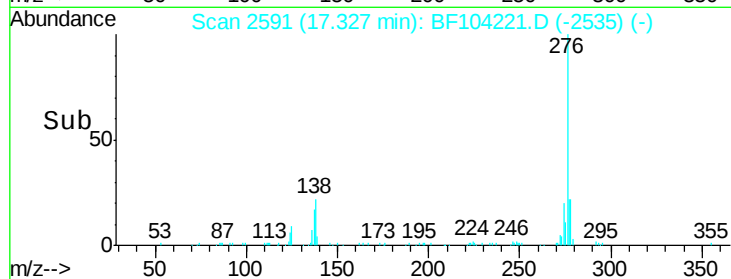
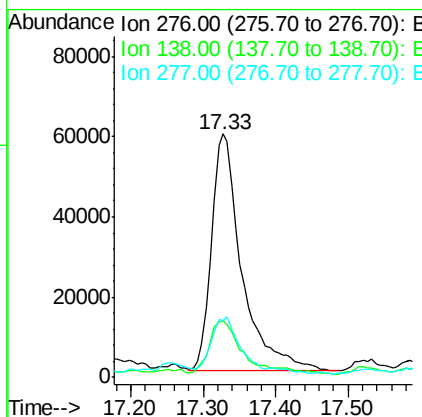
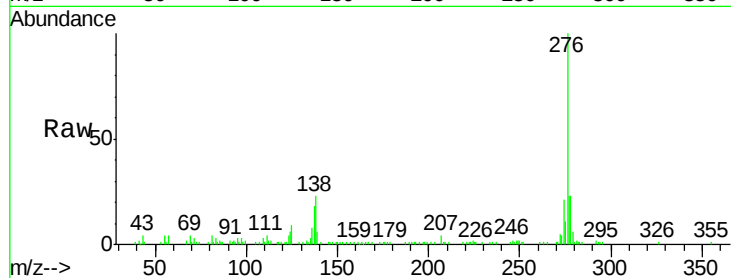




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.651 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.03 min
 Lab File: BF104221.D
 Acq: 4 Apr 2018 11:32

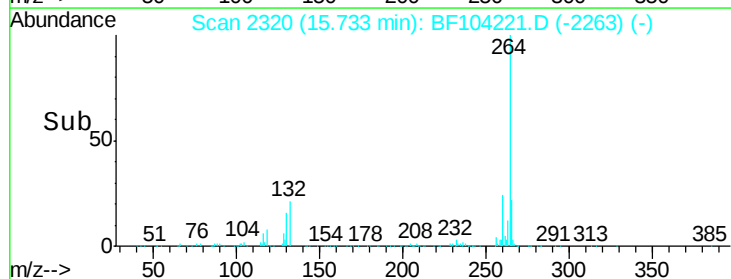
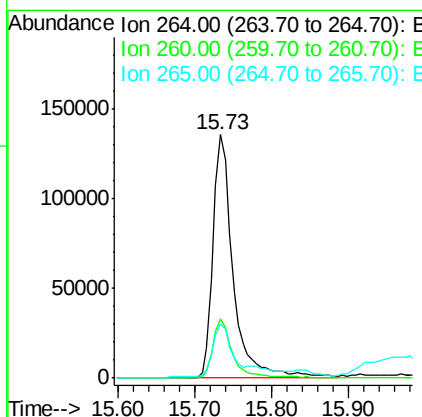
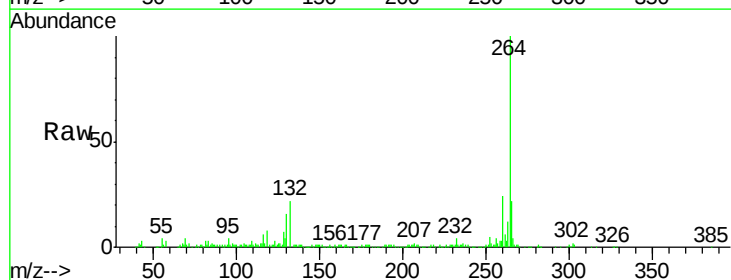
Instrument :
 BNA_F
 ClientSampleId :

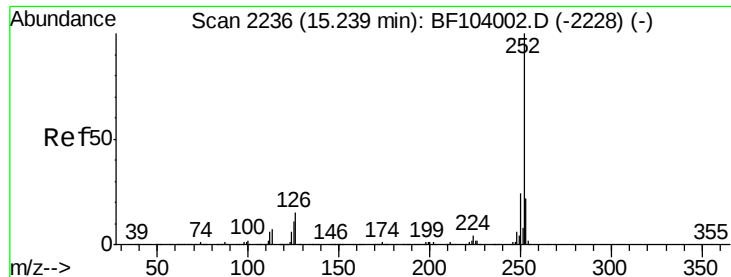
Tot Ion:276 Resp: 170317
 Ion Ratio Lower Upper
 276 100
 138 26.0 25.0 37.6
 277 19.5 20.1 30.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.73 min Scan# 2320
 Delta R.T. 0.04 min
 Lab File: BF104221.D
 Acq: 4 Apr 2018 11:32

Tgt Ion:264 Resp: 246126
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.2 17.5 26.3

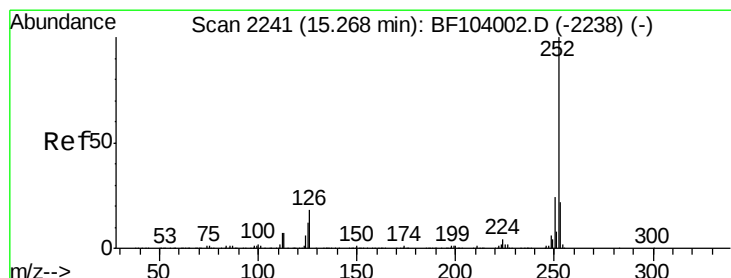
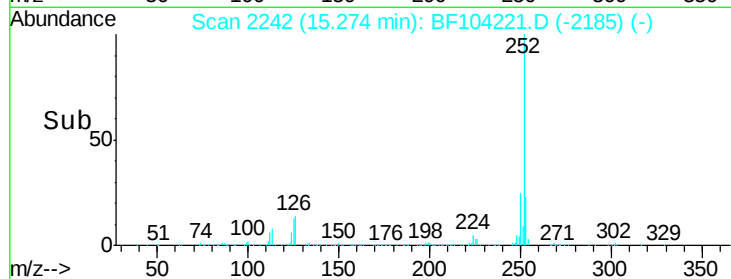
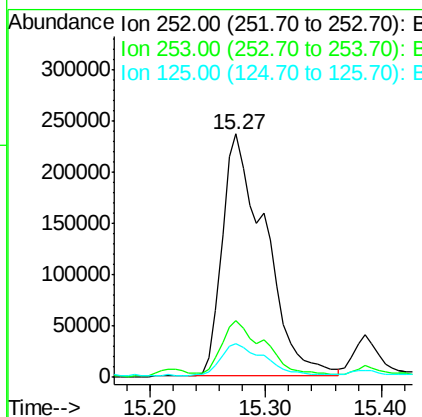
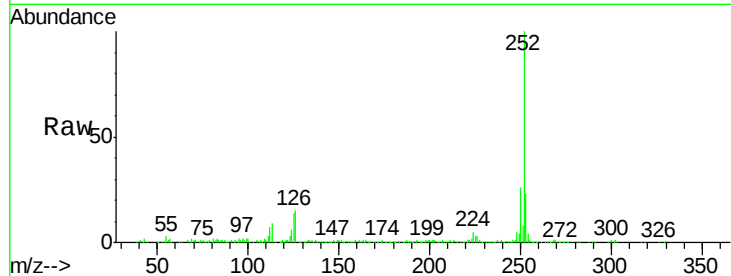




#87
Benzo(b)fluoranthene
Concen: 40.847 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.04 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

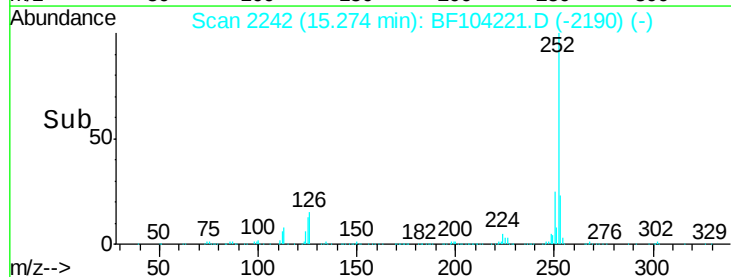
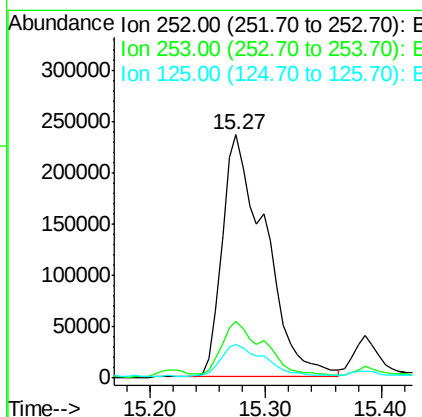
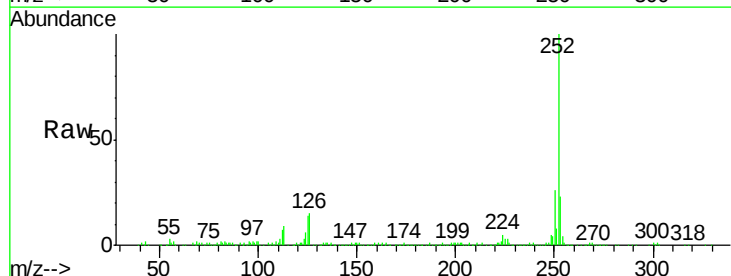
Instrument :
BNA_F
ClientSampleId :

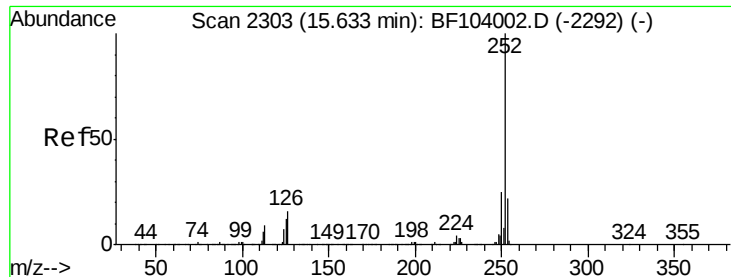
Tot Ion:252 Resp: 611840
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 13.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 43.361 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104221.D
Acq: 4 Apr 2018 11:32

Tgt Ion:252 Resp: 611840
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 13.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 23.721 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.04 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Instrument :

BNA_F

ClientSampled :

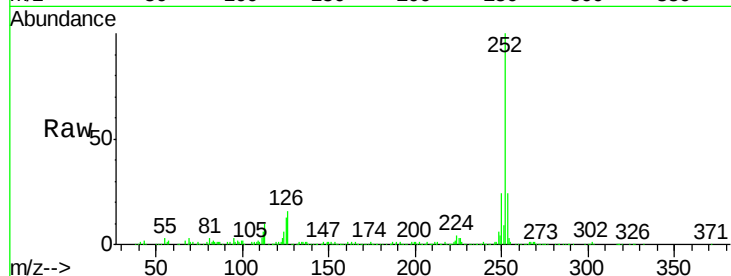
Tot Ion:252 Resp: 329271

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

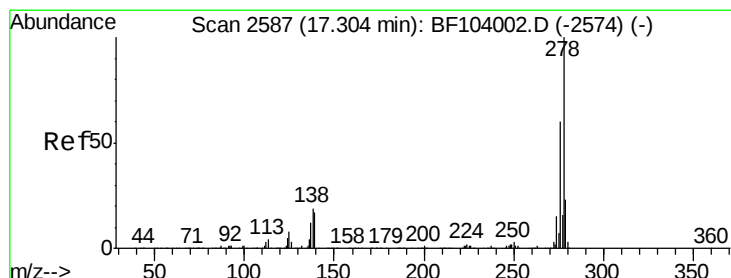
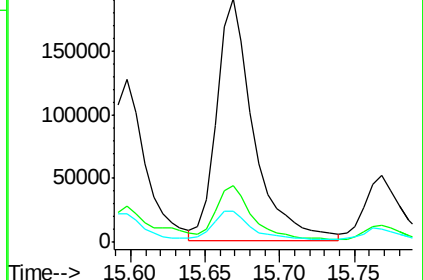
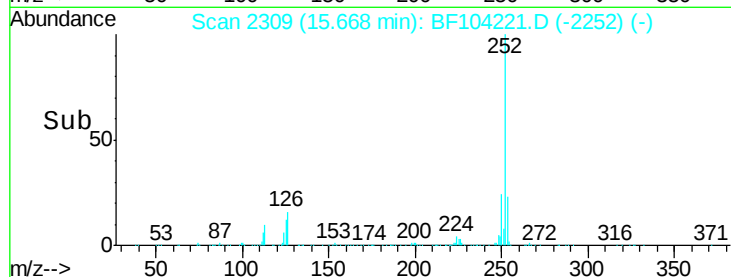
125 12.6 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 2.839 ng

RT: 17.34 min Scan# 2593

Delta R.T. 0.04 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

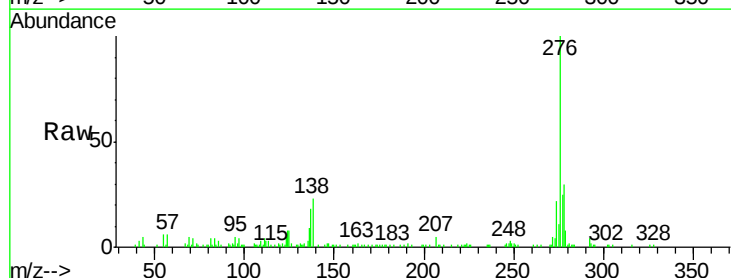
Tgt Ion:278 Resp: 36434

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

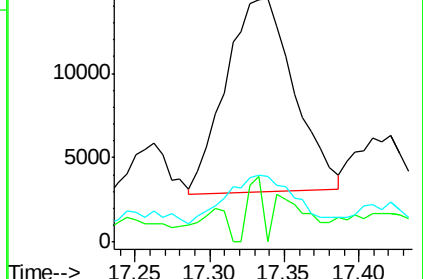
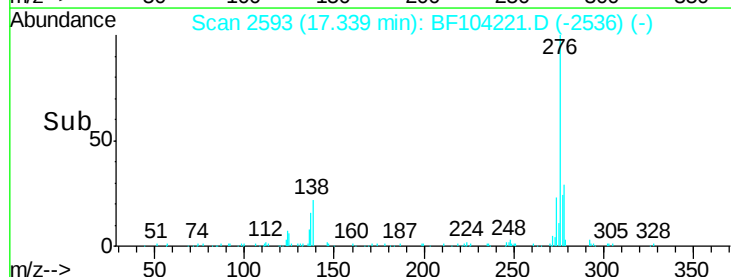
279 27.1 19.0 28.4

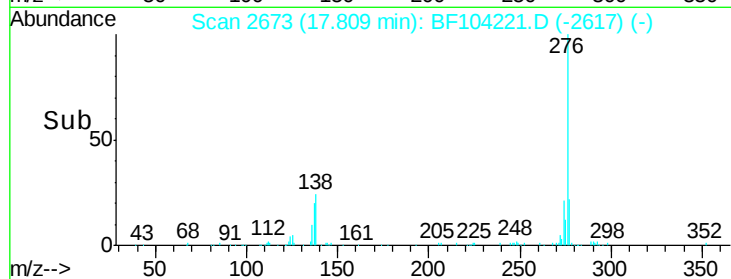
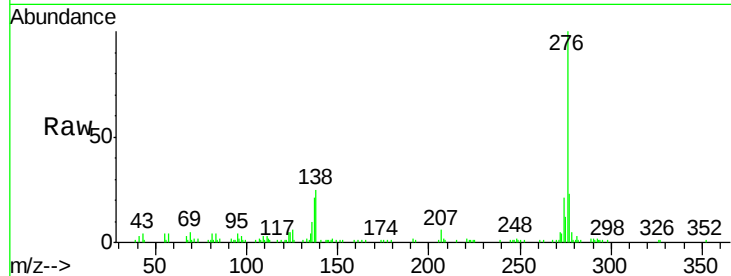
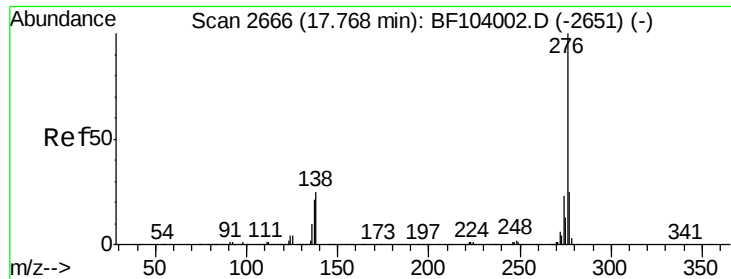


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 11.040 ng

RT: 17.81 min Scan# 2673

Delta R.T. 0.03 min

Lab File: BF104221.D

Acq: 4 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 141918

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 25.0 21.8 32.8

