

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094742.D
 Acq On : 1 May 2017 5:08
 Operator : SJ/MA
 Sample : I2902-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 05:38:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	104825	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	422162	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	204541	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	337885	20.00	ng	0.00
75) Chrysene-d12	14.47	240	228178	20.00	ng	0.00
86) Perylene-d12	16.10	264	217581	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	76427	12.10	ng	0.03
7) Phenol-d6	5.41	99	63508	8.53	ng	0.01
23) Nitrobenzene-d5	6.41	82	144959	21.20	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	43502	27.19	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	328451	23.63	ng	0.00
78) Terphenyl-d14	13.19	244	224178	26.26	ng	0.00

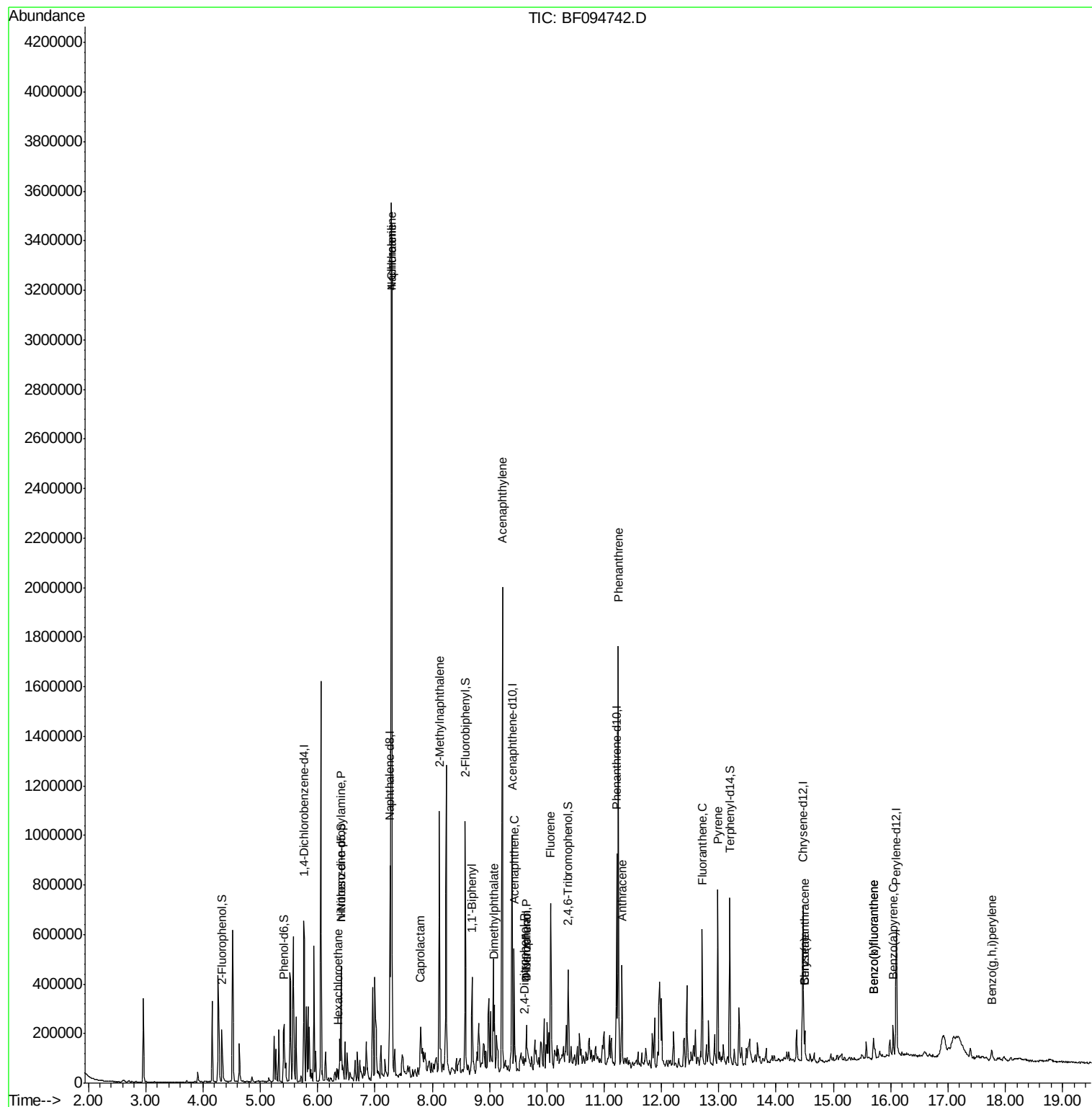
Target Compounds						Qvalue
18) Hexachloroethane	6.35	117	8035	2.92	ng	# 1
19) n-Nitroso-di-n-propylamine	6.41	70	19219	3.89	ng	# 78
31) Naphthalene	7.29	128	1928072	95.00	ng	99
33) 4-Chloroaniline	7.29	127	263909	31.26	ng	# 32
35) Caprolactam	7.80	113	23168	12.62	ng	# 83
37) 2-Methylnaphthalene	8.12	142	296884	21.38	ng	99
45) 1,1'-Biphenyl	8.70	154	120601	7.22	ng	98
48) Acenaphthylene	9.22	152	945964	45.67	ng	100
49) Dimethylphthalate	9.08	163	109934	7.21	ng	100
51) Acenaphthene	9.43	154	102664	8.27	ng	98
53) 2,4-Dinitrophenol	9.61	184	118	5.82	ng	# 1
54) Dibenzofuran	9.64	168	38338	2.13	ng	# 76
55) 4-Nitrophenol	9.65	139	7985	2.86	ng	# 38
57) Fluorene	10.07	166	215466	15.34	ng	99
70) Phenanthrene	11.25	178	681051	35.79	ng	99
71) Anthracene	11.31	178	171489	8.71	ng	97
74) Fluoranthene	12.71	202	254967	12.93	ng	99
77) Pyrene	12.98	202	317496	19.92	ng	98
80) Benzo(a)anthracene	14.50	228	48842	3.68	ng	96
82) Chrysene	14.50	228	48842	4.03	ng	99
87) Benzo(b)fluoranthene	15.70	252	56075	4.21	ng	# 97
88) Benzo(k)fluoranthene	15.70	252	56075	4.45	ng	98
89) Benzo(a)pyrene	16.04	252	49156	3.97	ng	98
91) Benzo(g,h,i)perylene	17.76	276	28803	2.75	ng	99

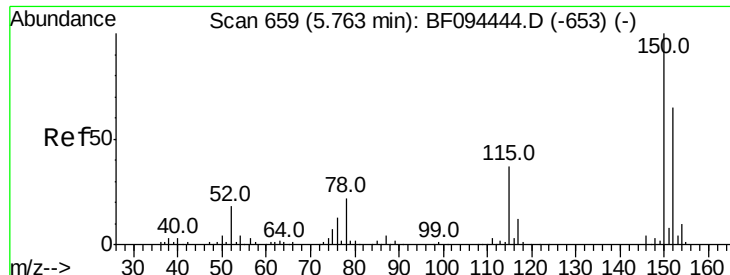
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.76 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampled :

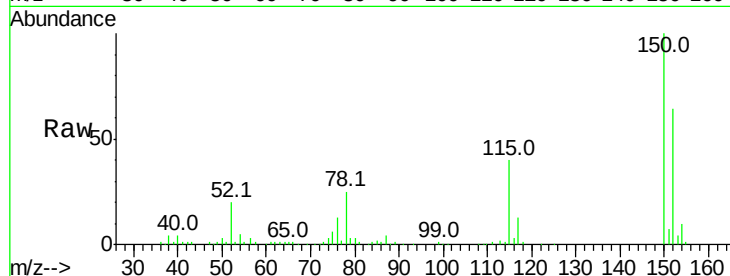
Tot Ion:152 Resp: 104825

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

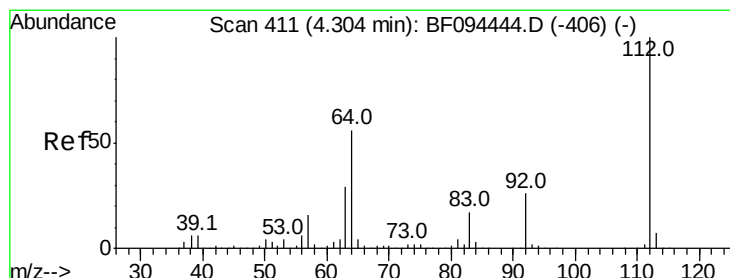
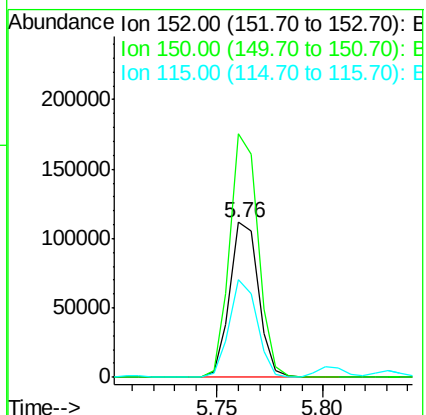
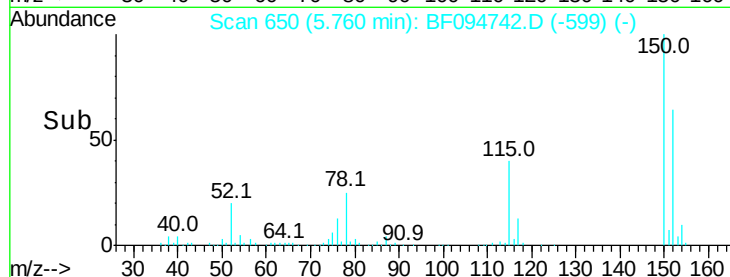
115 62.6 52.2 78.2



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: 12.10 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

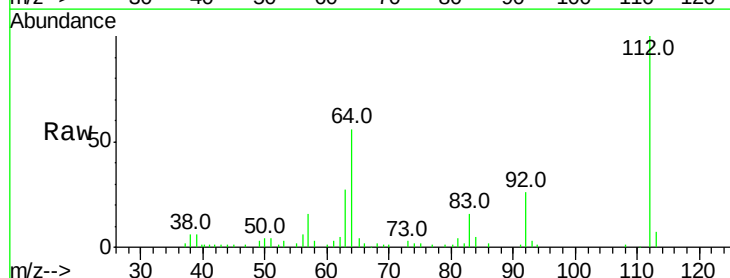
Tgt Ion:112 Resp: 76427

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

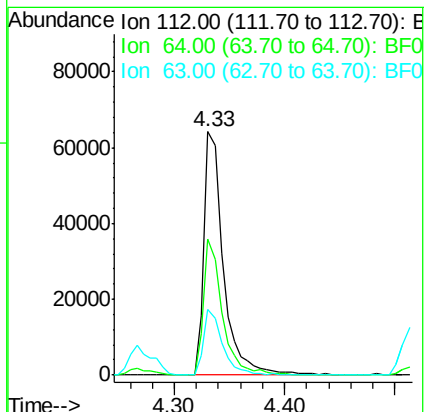
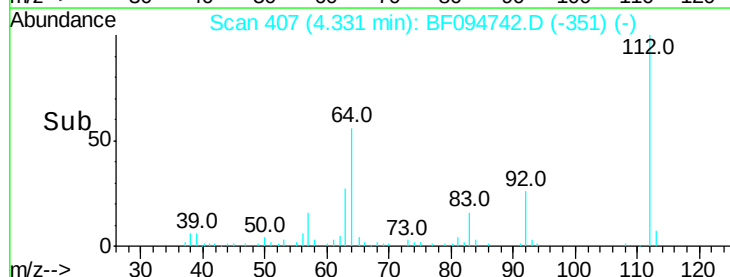
63 26.8 23.4 35.0

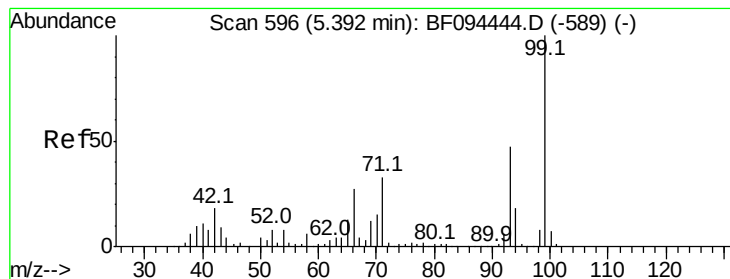


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 8.53 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.01 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

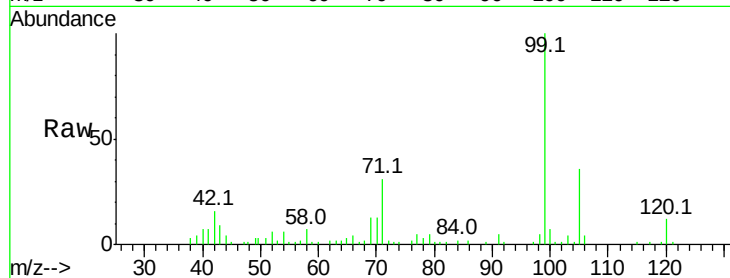
Tot Ion: 99 Resp: 63508

Ion Ratio Lower Upper

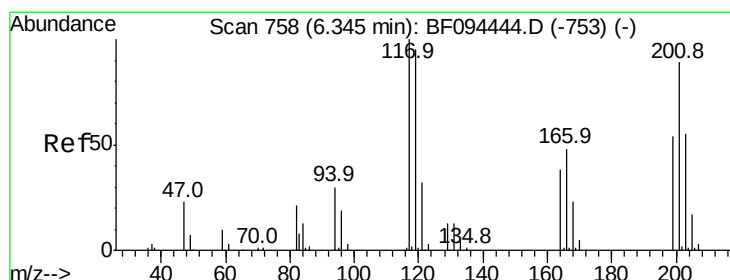
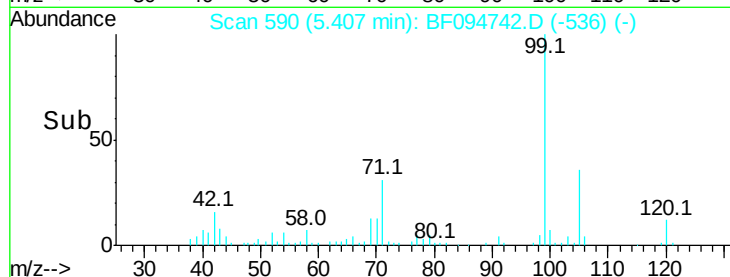
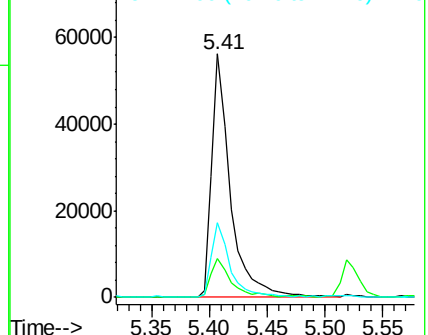
99 100

42 15.9 13.5 20.3

71 30.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#18

Hexachloroethane

Concen: 2.92 ng

RT: 6.35 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

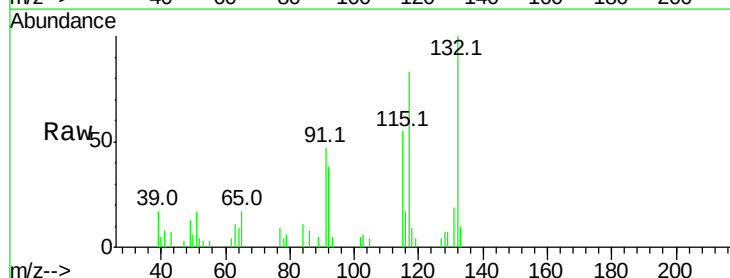
Tgt Ion: 117 Resp: 8035

Ion Ratio Lower Upper

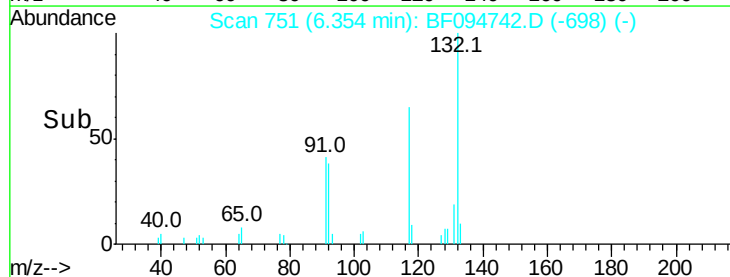
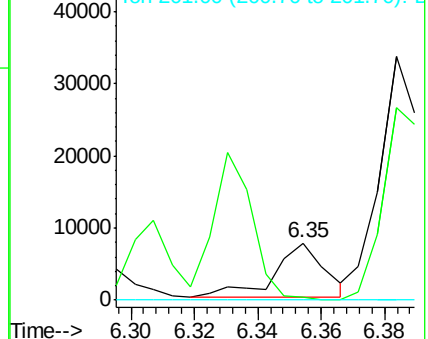
117 100

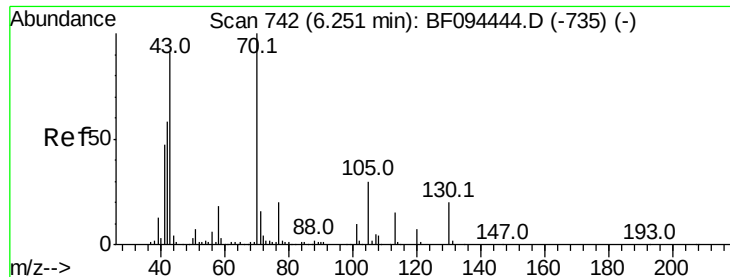
119 5.1 77.4 116.0#

201 0.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

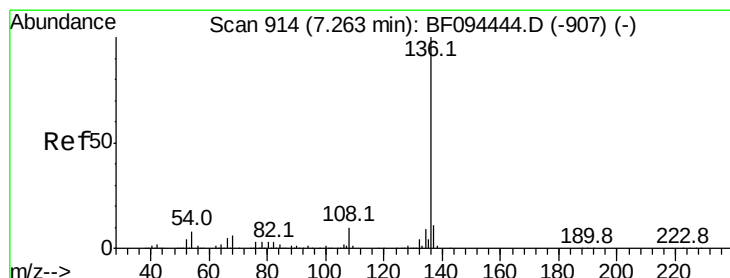
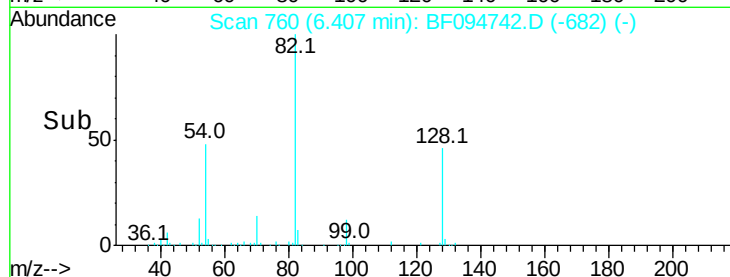
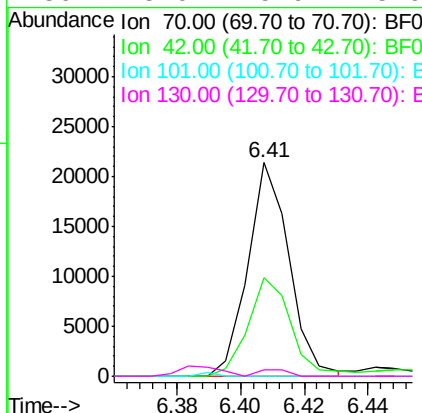
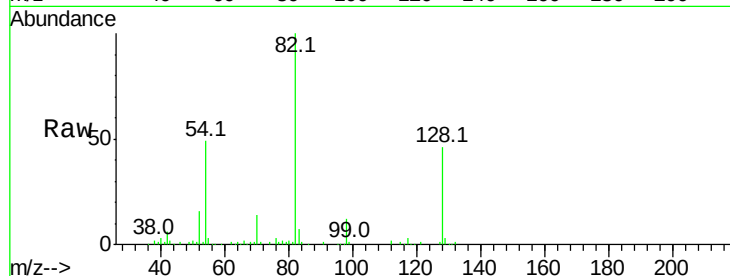




#19
 n-Nitroso-di-n-propylamine
 Concen: 3.89 ng
 RT: 6.41 min Scan# 760
 Delta R.T. 0.16 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

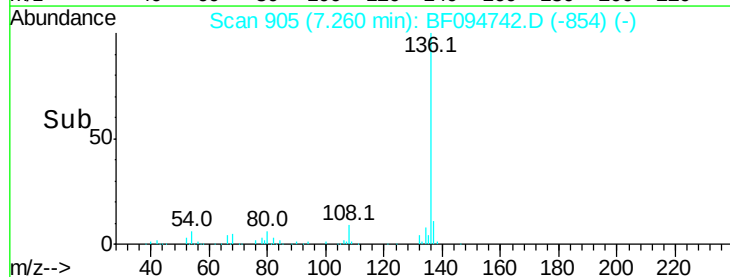
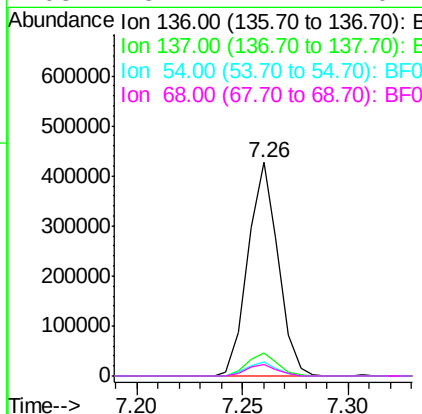
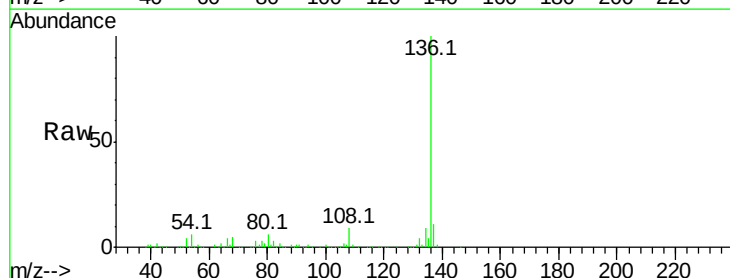
Instrument :
 BNA_F
 ClientSampleId :

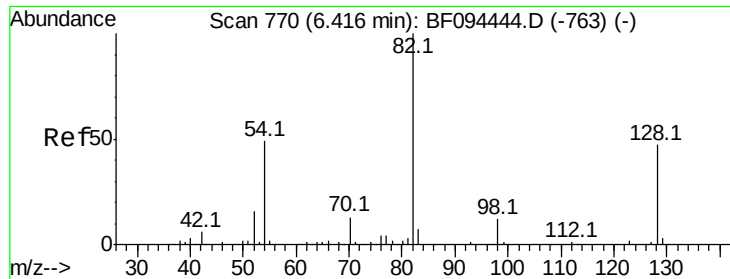
Tot Ion: 70 Resp: 19219
 Ion Ratio Lower Upper
 70 100
 42 46.4 47.2 70.8#
 101 0.0 7.2 10.8#
 130 3.0 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.26 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

Tgt Ion: 136 Resp: 422162
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.5 12.7
 54 6.3 4.9 7.3
 68 5.4 4.1 6.1

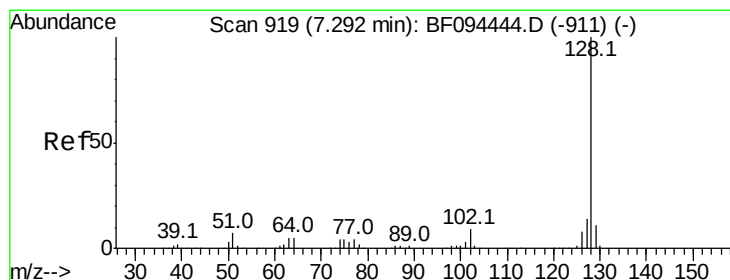
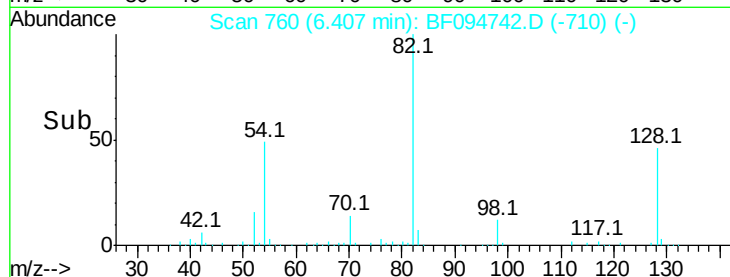
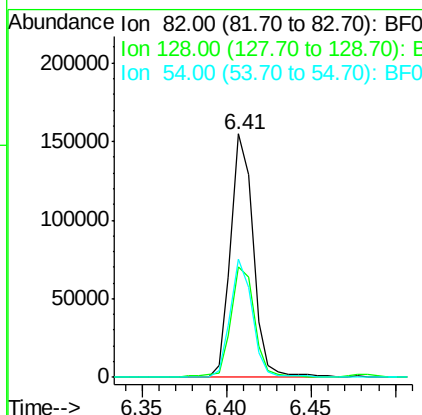
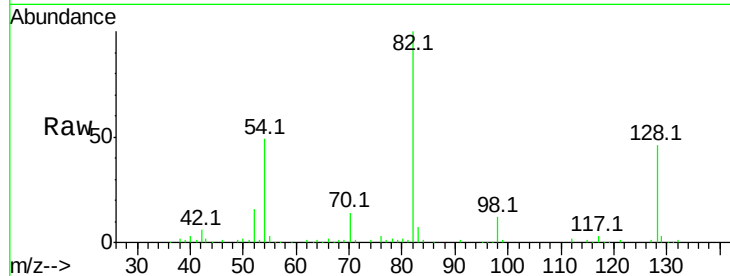




#23
 Nitrobenzene-d5
 Concen: 21.20 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

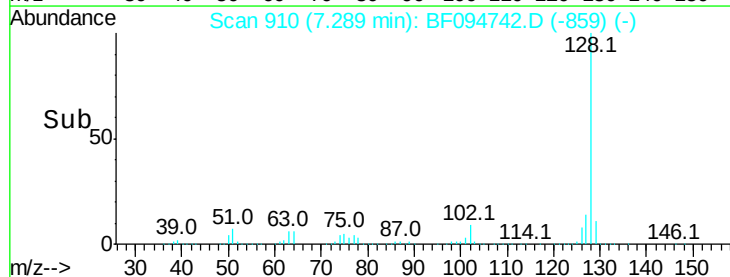
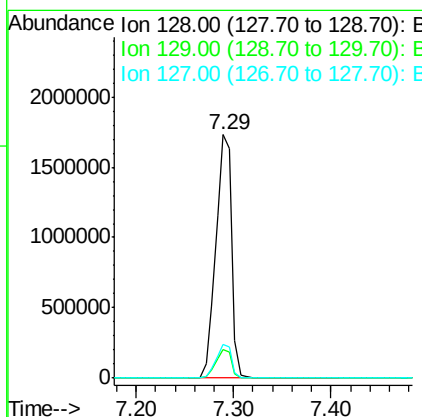
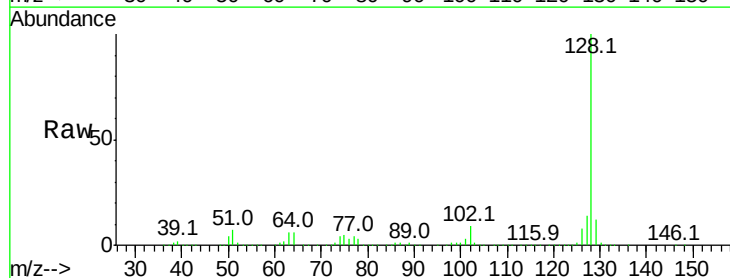
Instrument :
 BNA_F
 ClientSampled :

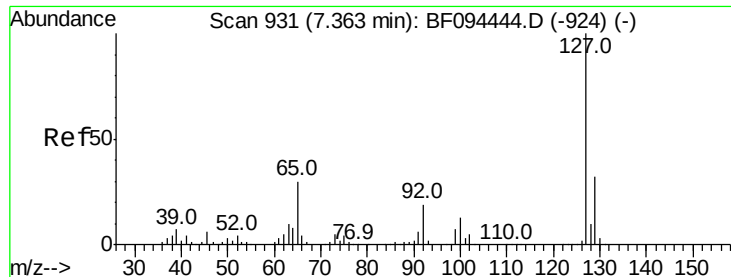
Tot Ion: 82 Resp: 144959
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 48.8 42.2 63.2



#31
 Naphthalene
 Concen: 95.00 ng
 RT: 7.29 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

Tgt Ion:128 Resp: 1928072
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.6
 127 13.7 10.8 16.2

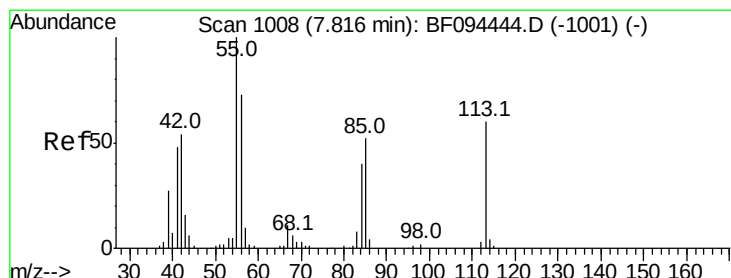
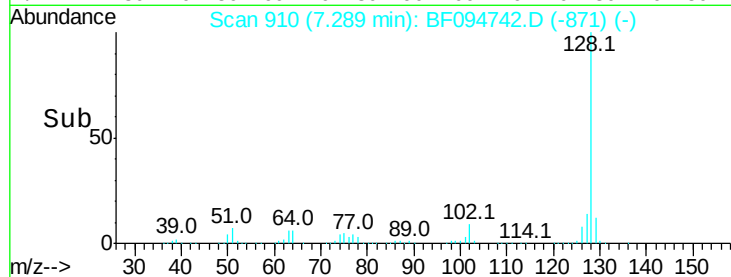
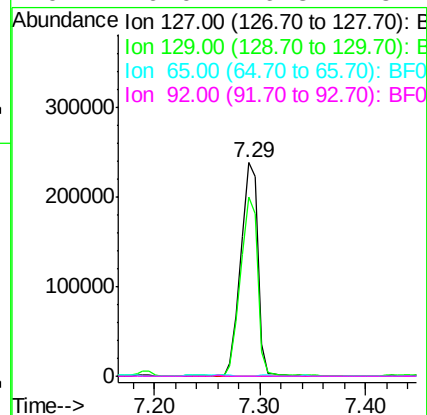
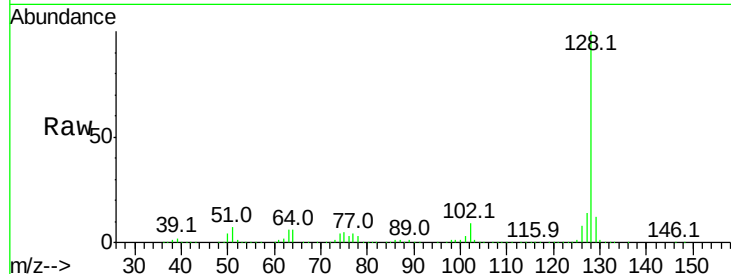




#33
 4-Chloroaniline
 Concen: 31.26 ng
 RT: 7.29 min Scan# 910
 Delta R.T. -0.07 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

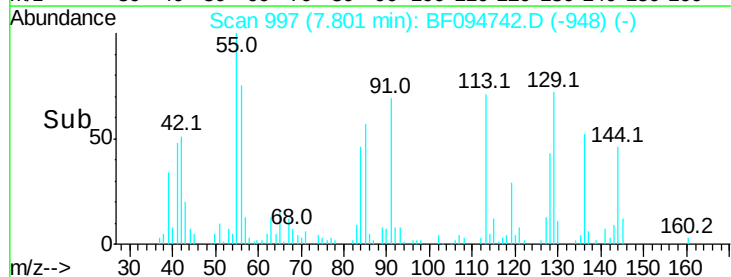
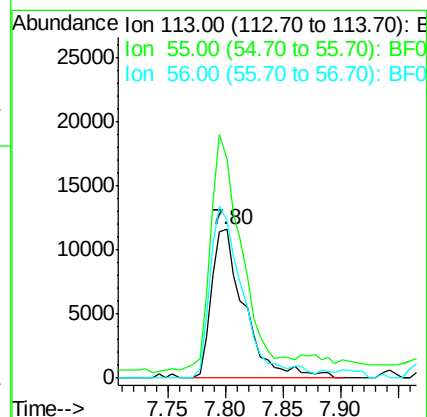
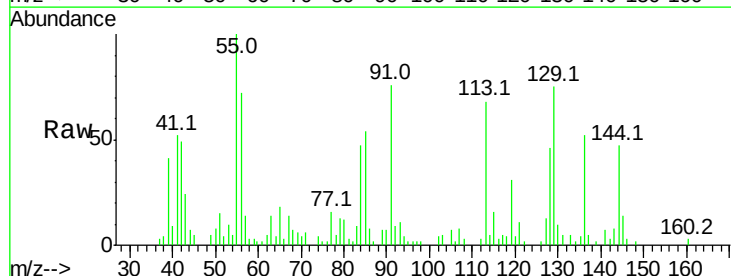
Instrument :
 BNA_F
 ClientSampleId :

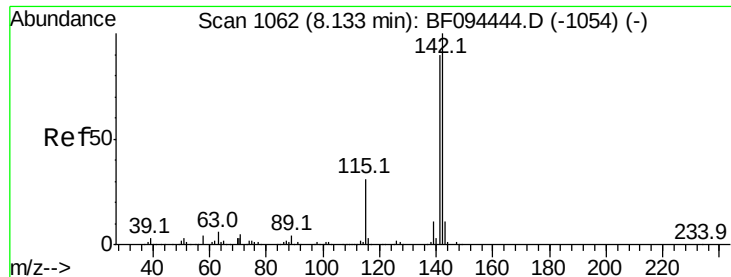
Tot Ion:	127	Resp:	263909
Ion	Ratio	Lower	Upper
127	100		
129	84.1	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#35
 Caprolactam
 Concen: 12.62 ng
 RT: 7.80 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

Tgt Ion:	113	Resp:	23168
Ion	Ratio	Lower	Upper
113	100		
55	147.6	150.2	190.2#
56	106.3	107.8	147.8#





#37

2-Methylnaphthalene

Concen: 21.38 ng

RT: 8.12 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

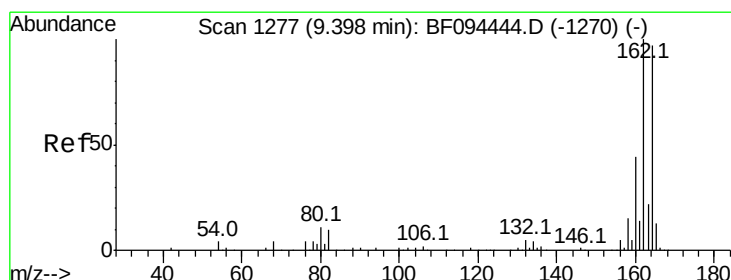
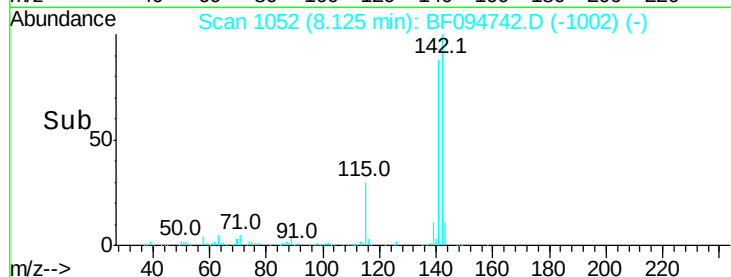
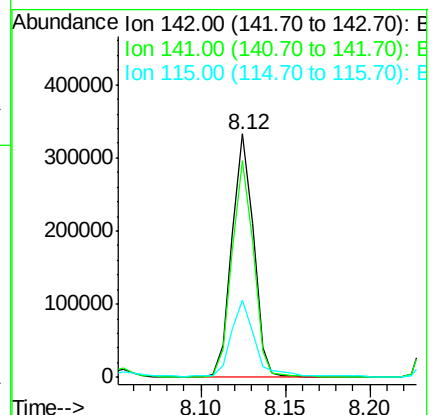
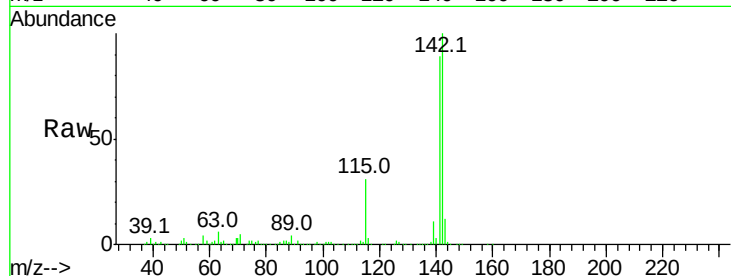
Tot Ion:142 Resp: 296884

Ion Ratio Lower Upper

142 100

141 88.8 71.3 106.9

115 31.5 27.1 40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.40 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

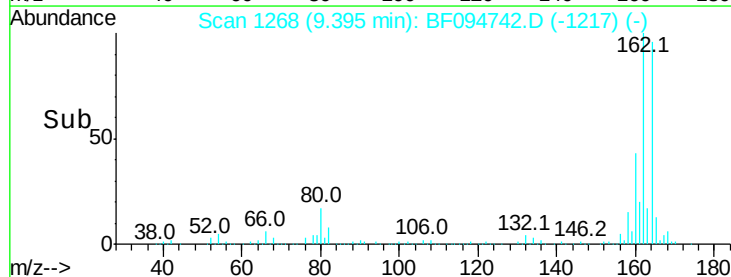
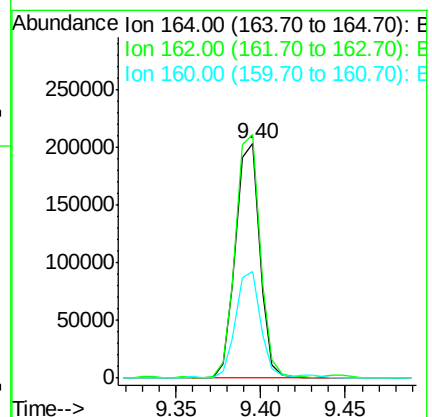
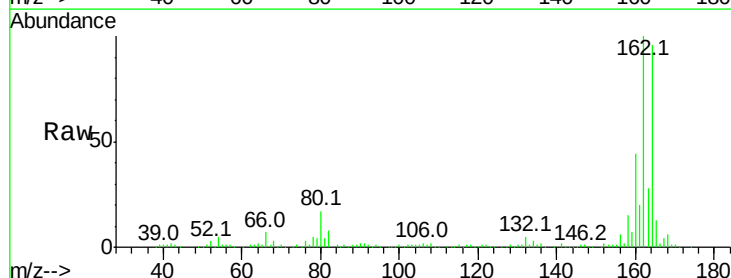
Tgt Ion:164 Resp: 204541

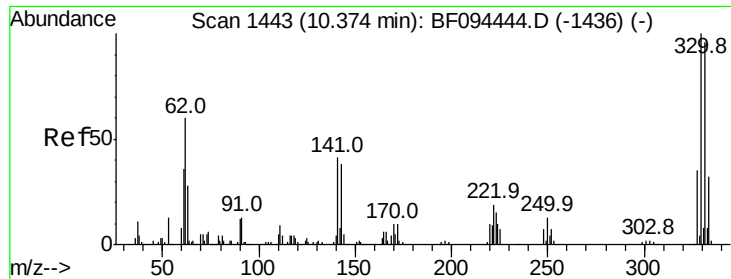
Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

160 45.3 36.2 54.2

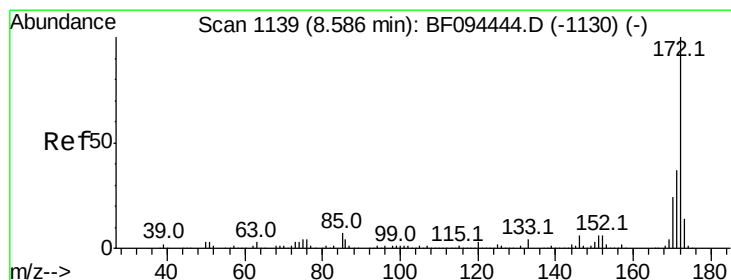
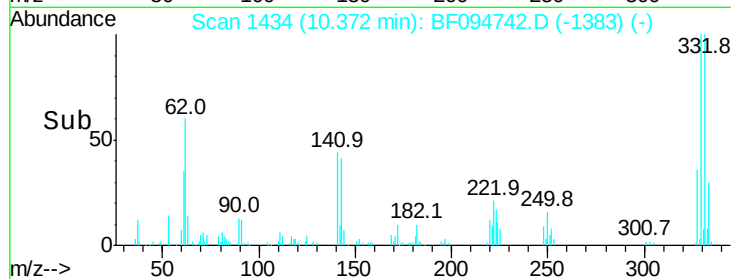
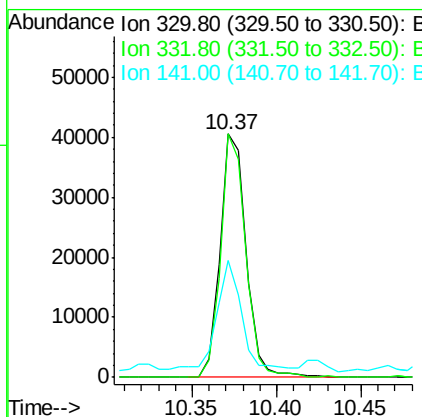
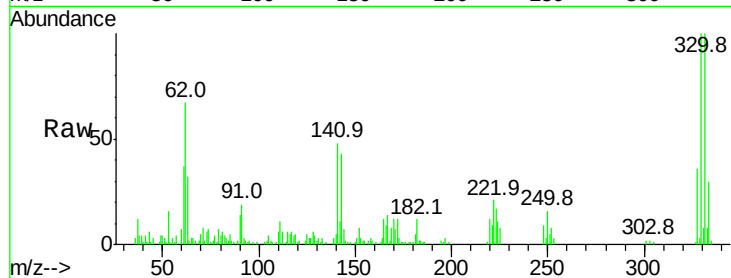




#41
 2,4,6-Tribromophenol
 Concen: 27.19 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

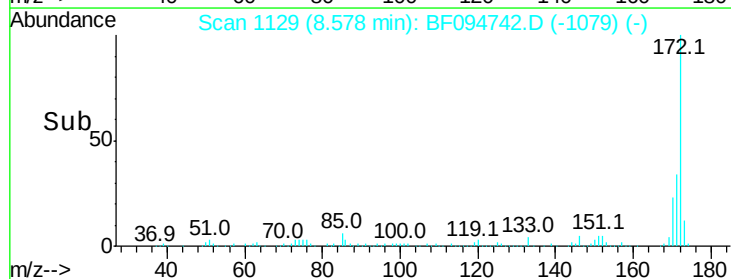
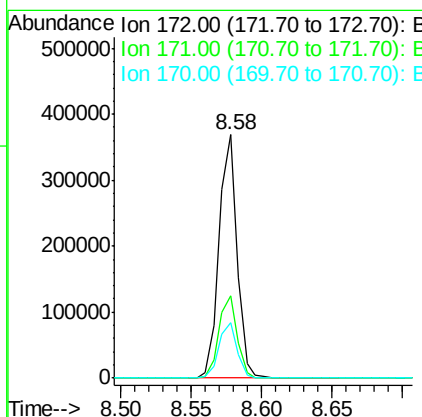
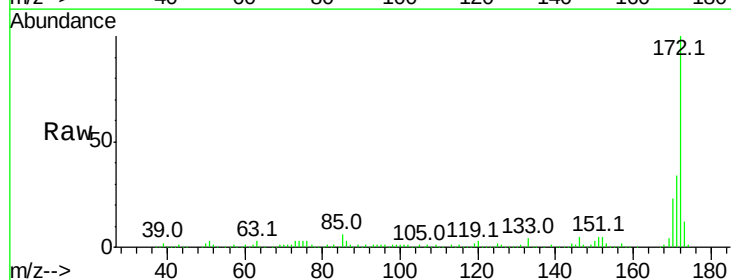
Instrument :
 BNA_F
 ClientSampled :

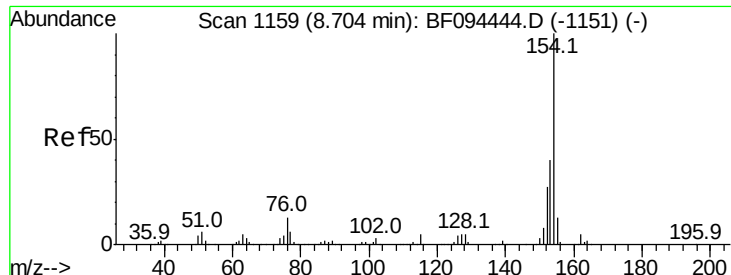
Tot Ion:330 Resp: 43502
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 45.9 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 23.63 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

Tgt Ion:172 Resp: 328451
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.6 44.4
 170 22.6 19.8 29.8





#45

1,1'-Biphenyl

Concen: 7.22 ng

RT: 8.70 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

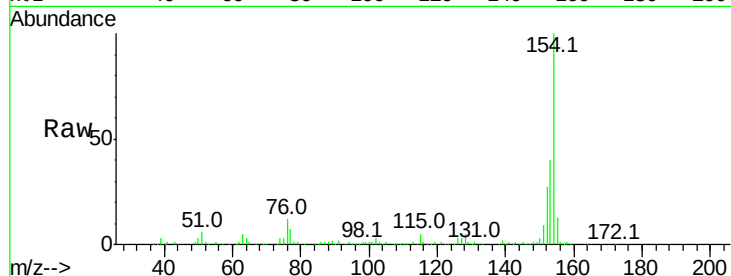
Tot Ion:154 Resp: 120601

Ion Ratio Lower Upper

154 100

153 40.3 21.2 61.2

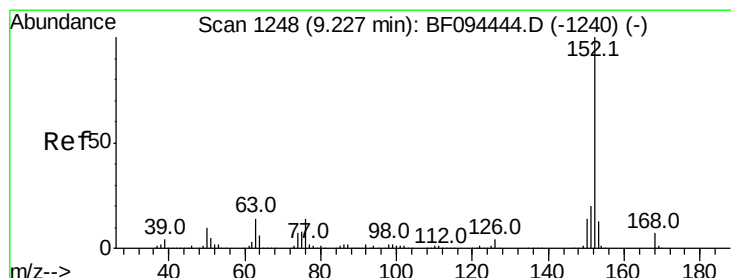
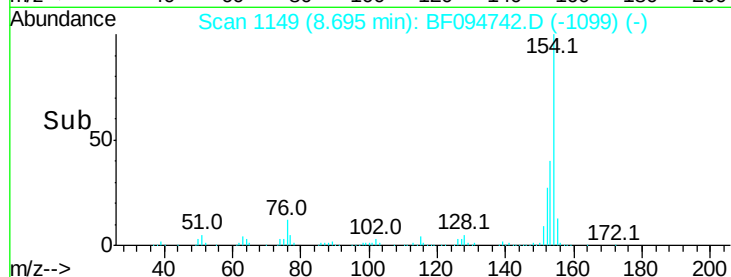
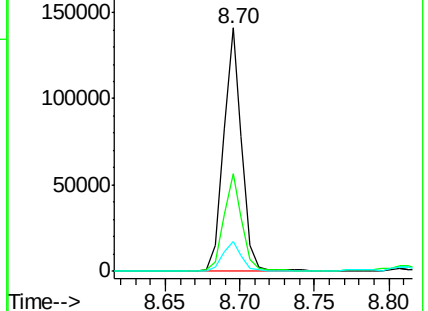
76 12.1 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#48

Acenaphthylene

Concen: 45.67 ng

RT: 9.22 min Scan# 1239

Delta R.T. -0.00 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

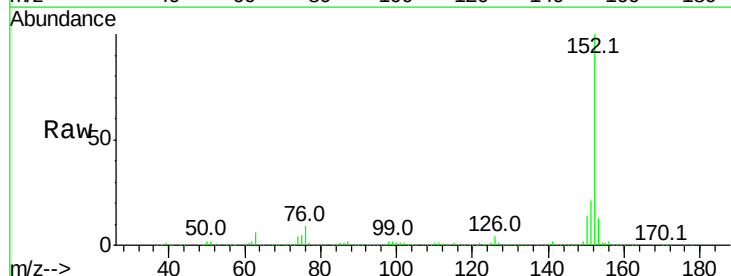
Tgt Ion:152 Resp: 945964

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

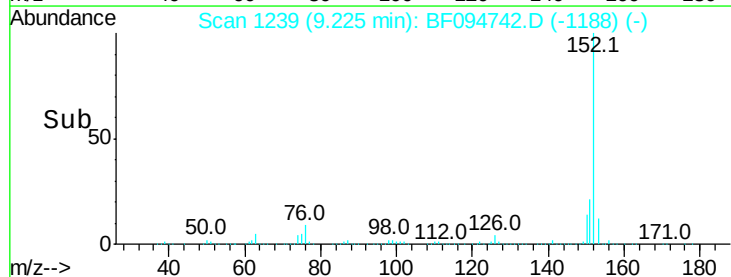
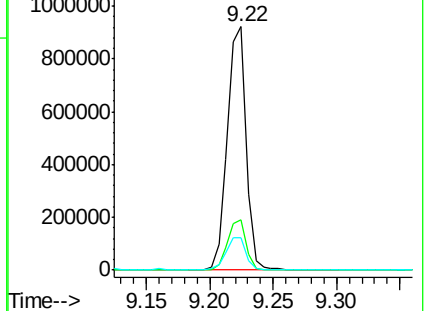
153 13.3 10.8 16.2

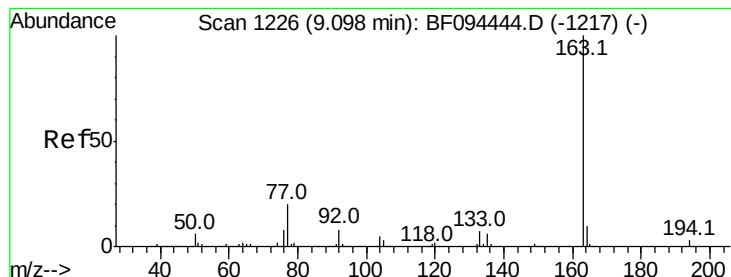


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 7.21 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampled :

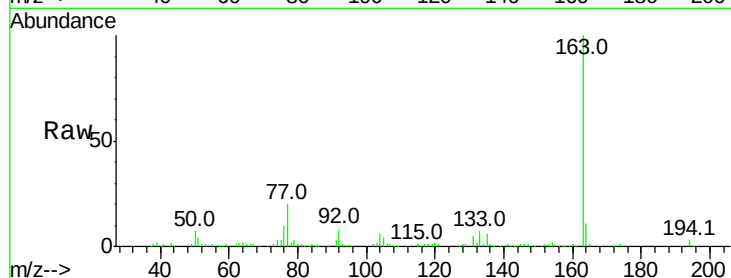
Tot Ion:163 Resp: 109934

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

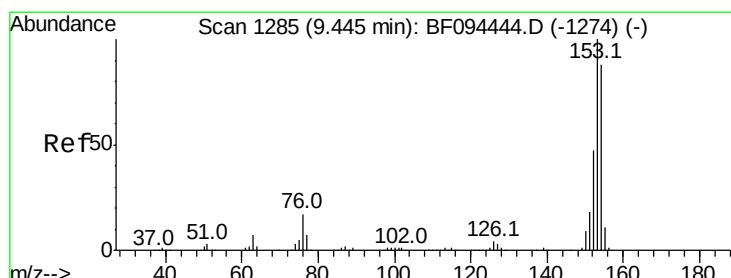
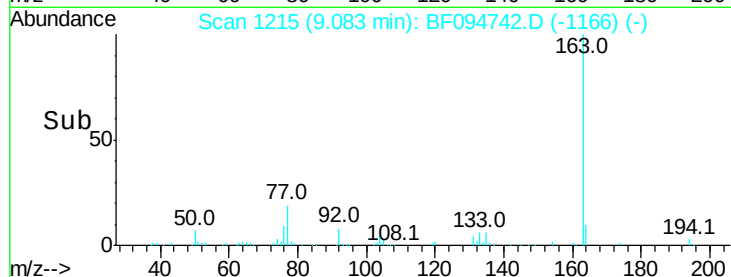
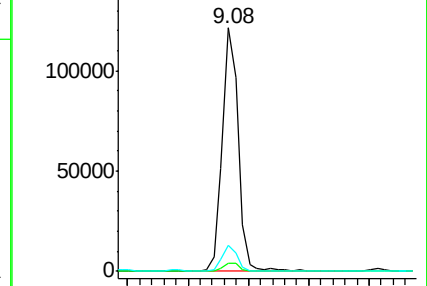
164 10.7 8.4 12.6



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: 8.27 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

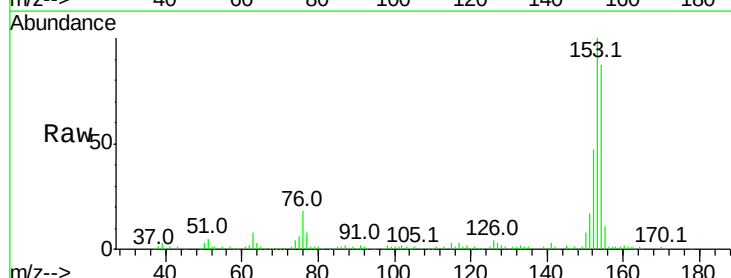
Tgt Ion:154 Resp: 102664

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

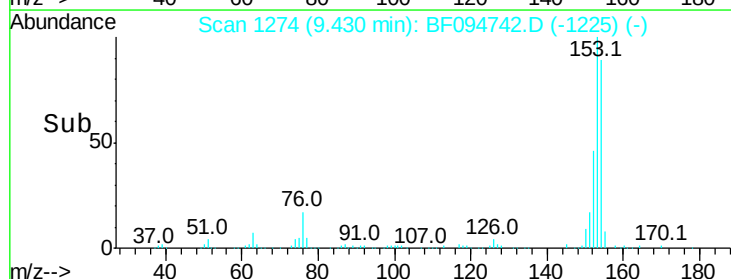
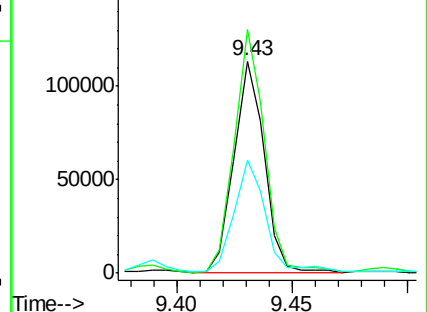
152 53.5 43.6 65.4

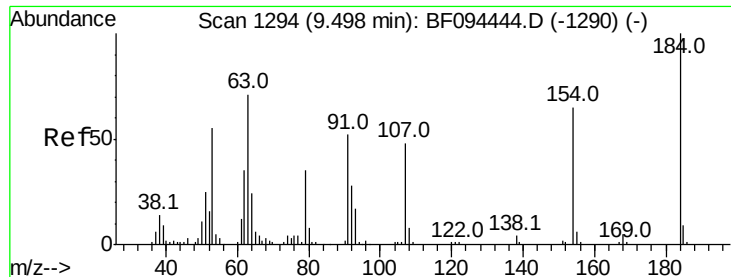


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

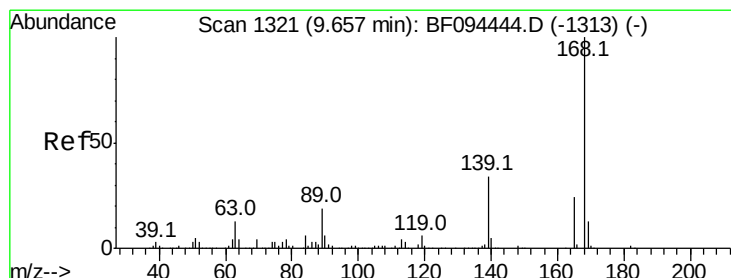
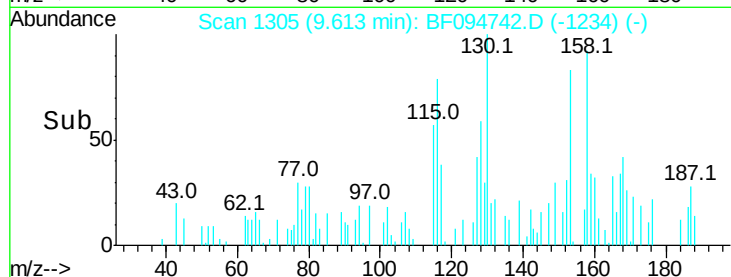
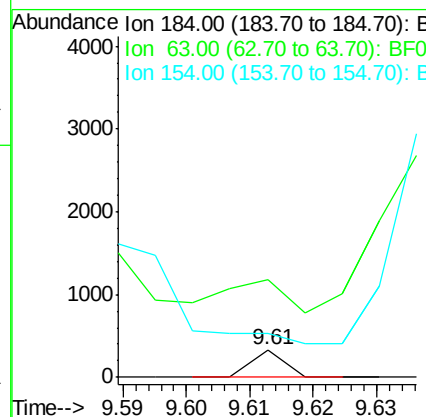
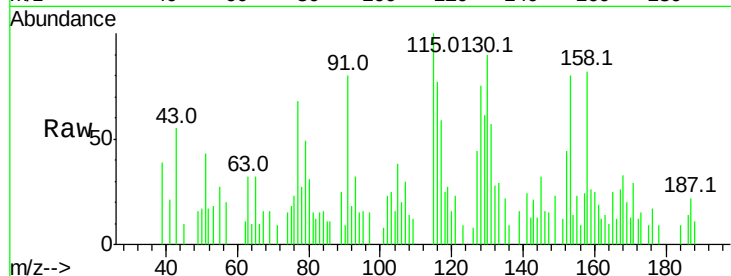




#53
 2,4-Dinitrophenol
 Concen: 5.82 ng
 RT: 9.61 min Scan# 1305
 Delta R.T. 0.11 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

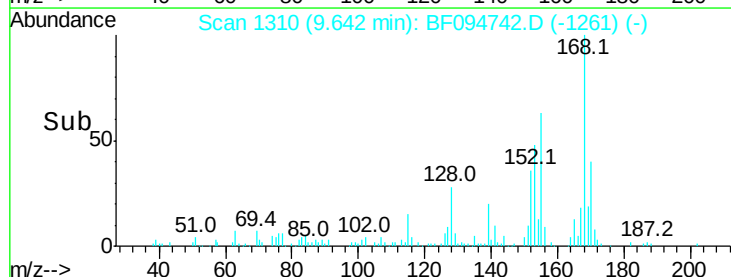
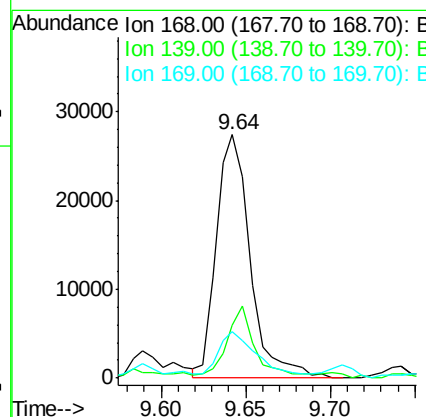
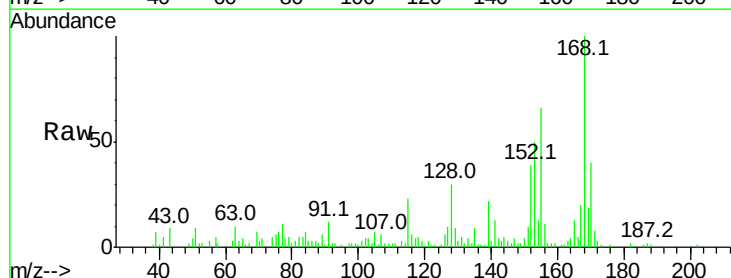
Instrument :
 BNA_F
 ClientSampled :

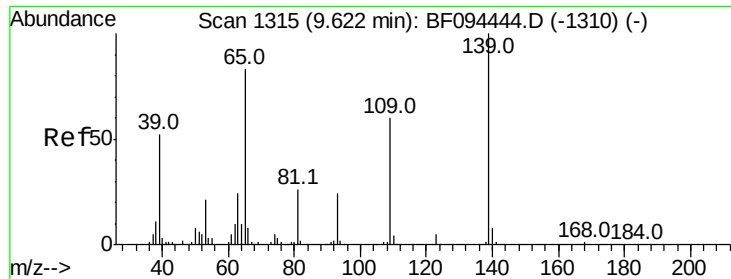
Tot Ion:184 Resp: 118
 Ion Ratio Lower Upper
 184 100
 63 354.1 62.7 94.1#
 154 160.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 2.13 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094742.D
 Acq: 1 May 2017 5:08

Tgt Ion:168 Resp: 38338
 Ion Ratio Lower Upper
 168 100
 139 21.6 30.6 45.8#
 169 19.3 10.8 16.2#

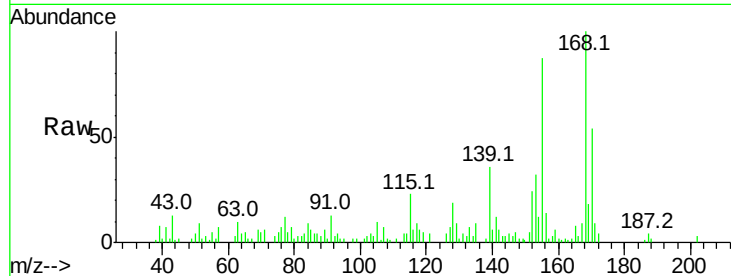




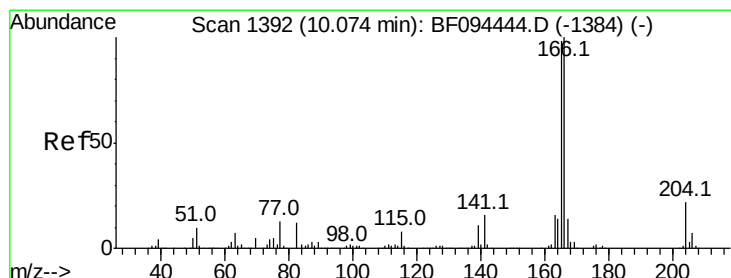
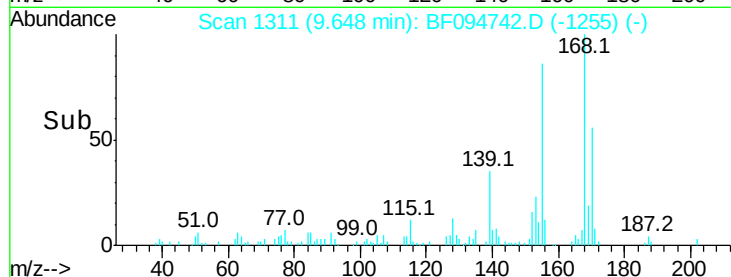
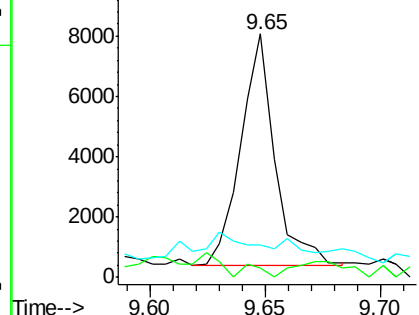
#55
4-Nitrophenol
Concen: 2.86 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.03 min
Lab File: BF094742.D
Acq: 1 May 2017 5:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	3.9	34.1	74.1#
65	13.3	31.4	71.4#

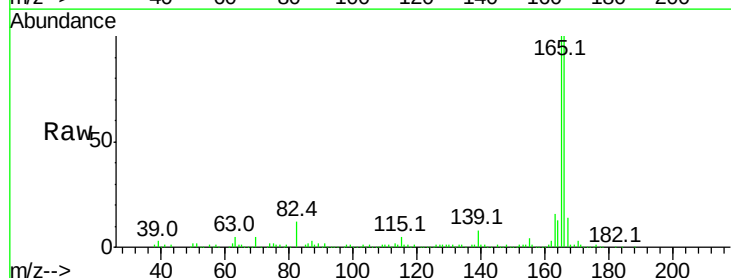


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

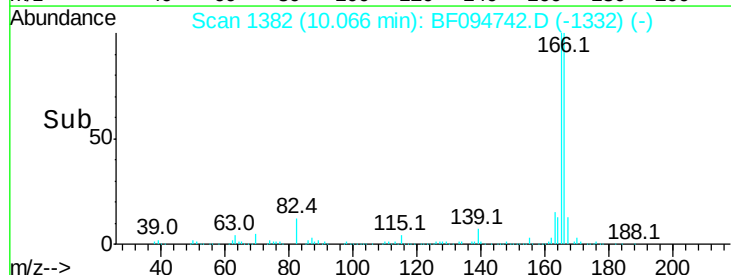
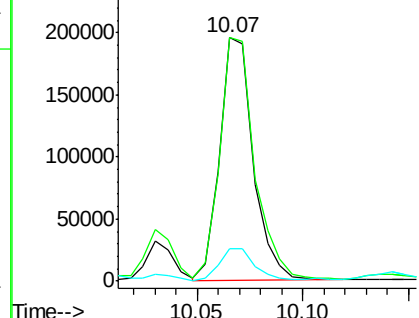


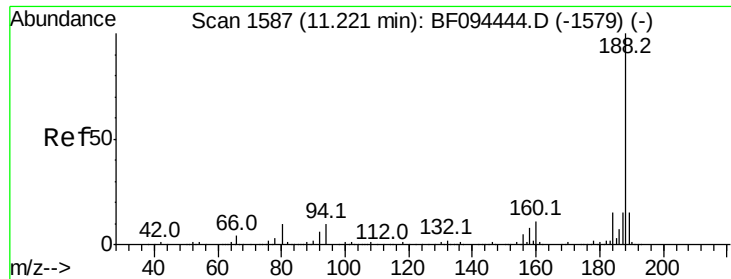
#57
Fluorene
Concen: 15.34 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094742.D
Acq: 1 May 2017 5:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.8	118.2
167	13.6	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: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

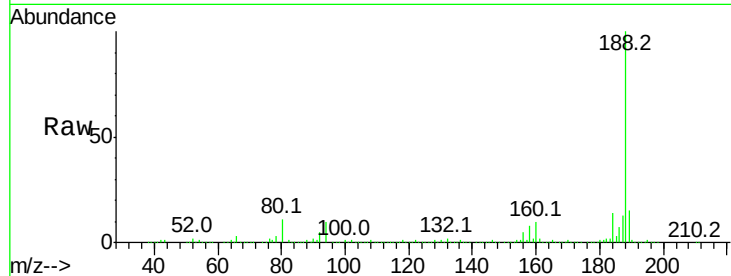
Tot Ion:188 Resp: 337885

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

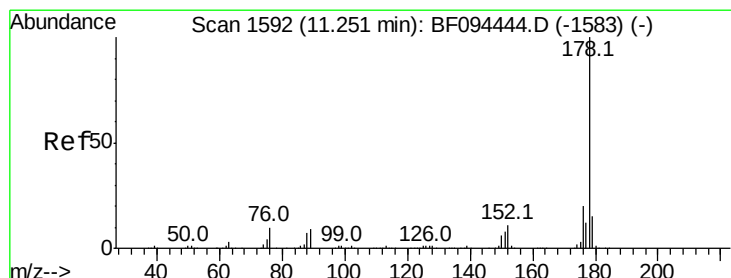
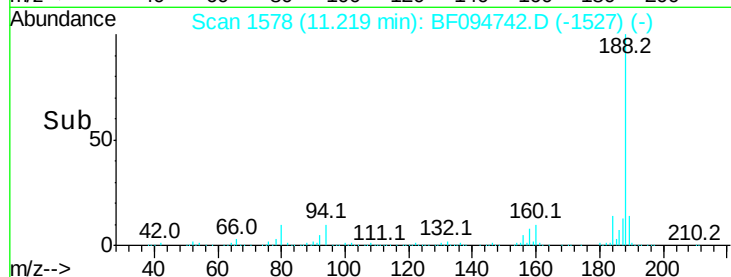
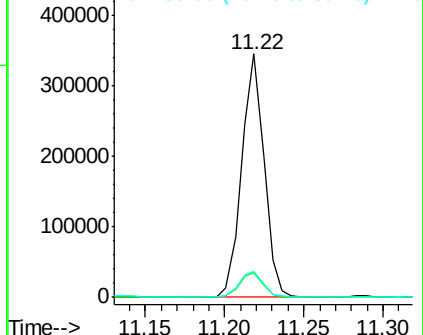
80 10.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 35.79 ng

RT: 11.25 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

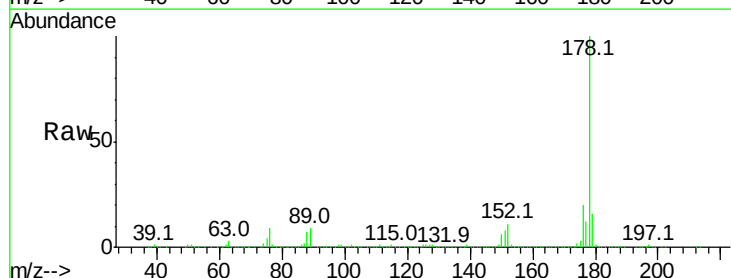
Tgt Ion:178 Resp: 681051

Ion Ratio Lower Upper

178 100

176 19.6 16.2 24.4

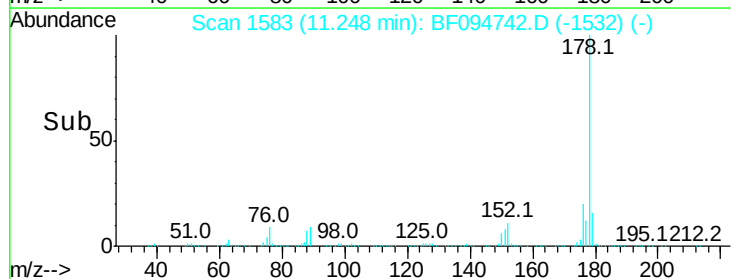
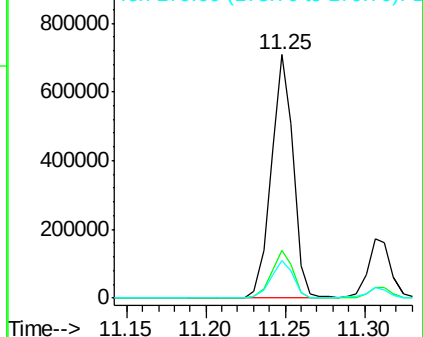
179 15.7 12.6 19.0

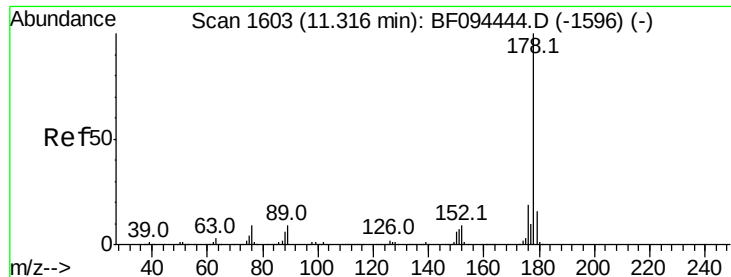


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 8.71 ng

RT: 11.31 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

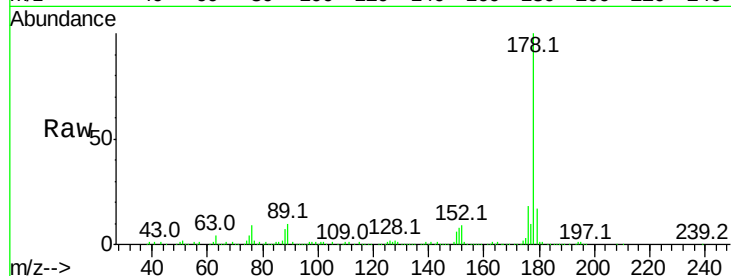
Tot Ion:178 Resp: 171489

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.8

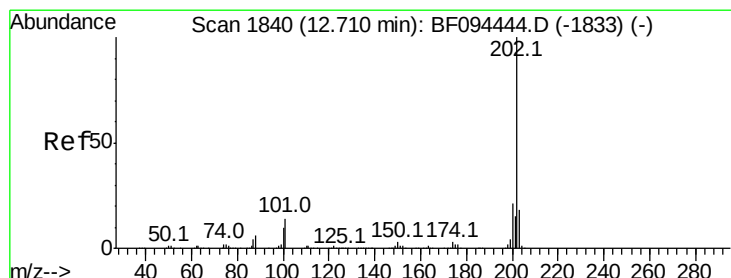
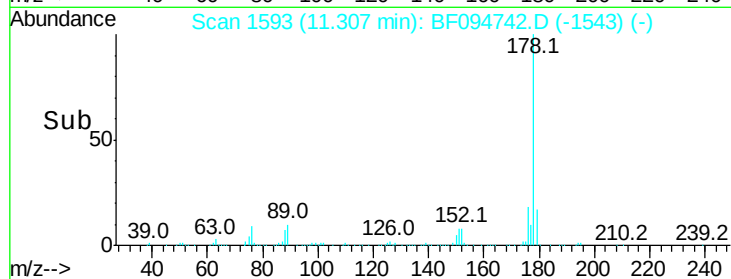
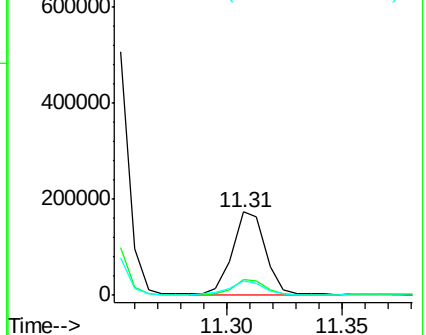
179 17.0 12.7 19.1



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



#74

Fluoranthene

Concen: 12.93 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

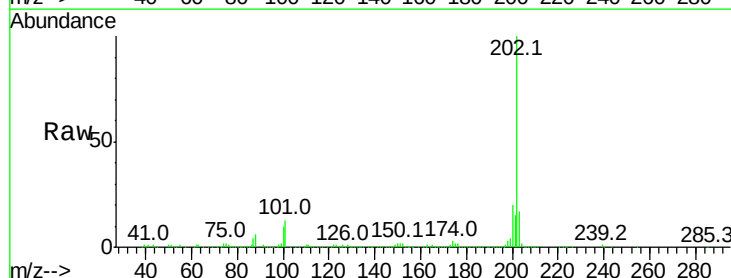
Tgt Ion:202 Resp: 254967

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

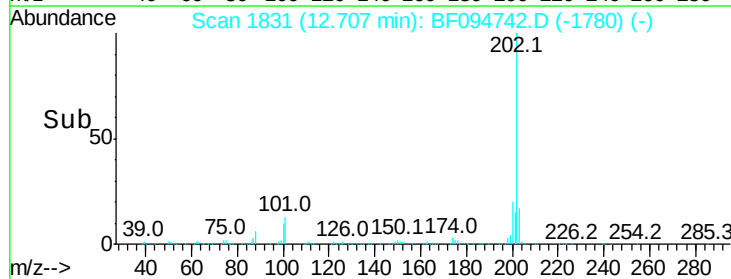
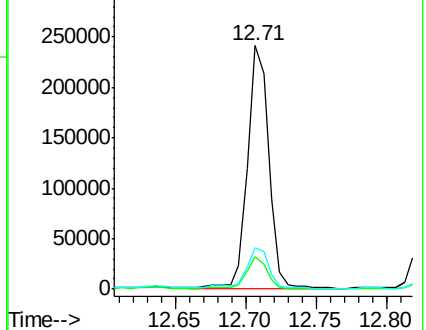
203 17.2 0.0 38.1

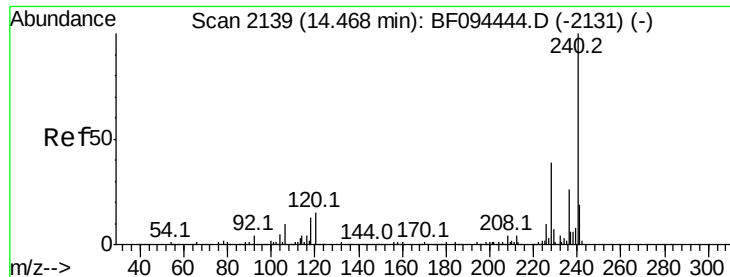


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

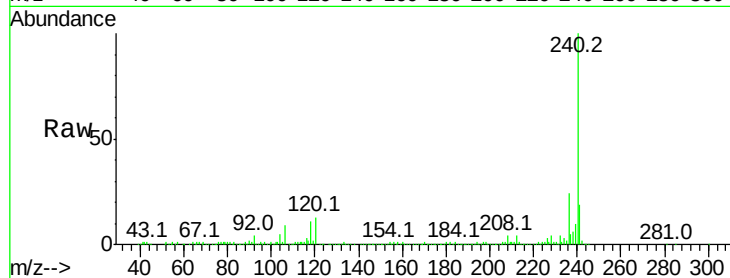
Tot Ion:240 Resp: 228178

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

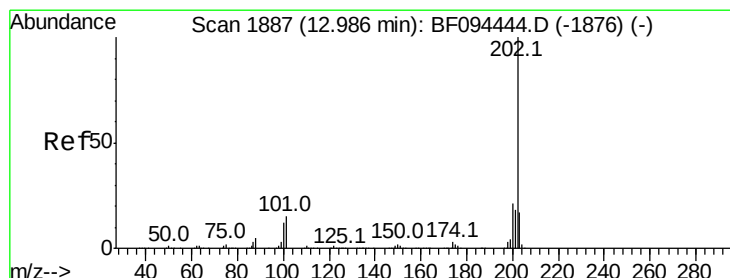
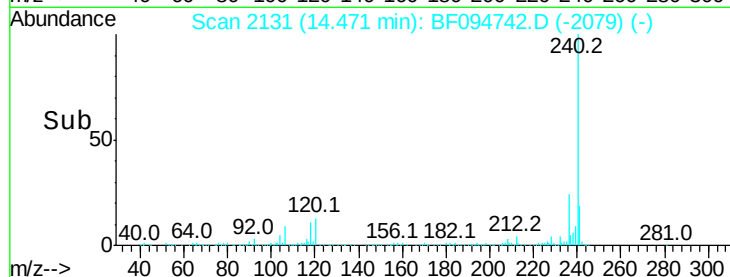
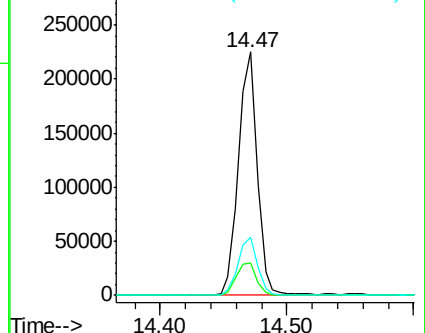
236 23.9 20.5 30.7



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: 19.92 ng

RT: 12.98 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

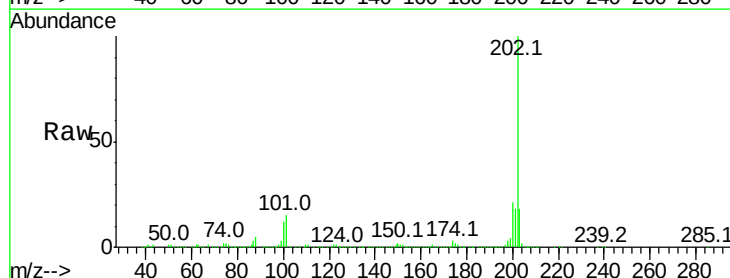
Tgt Ion:202 Resp: 317496

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

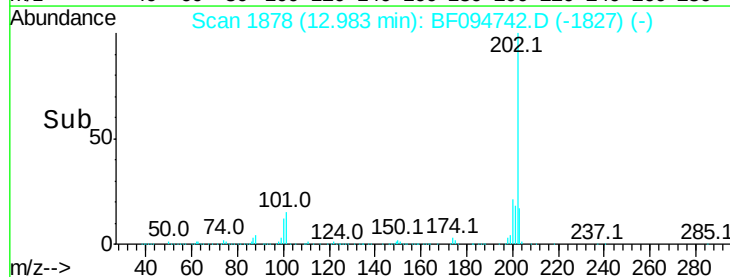
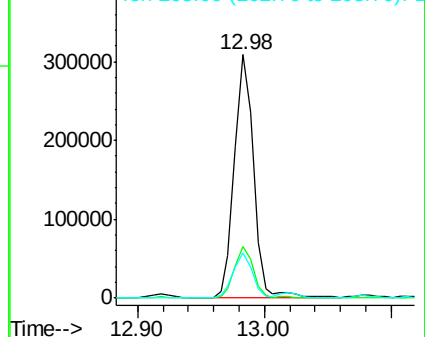
203 18.5 14.4 21.6

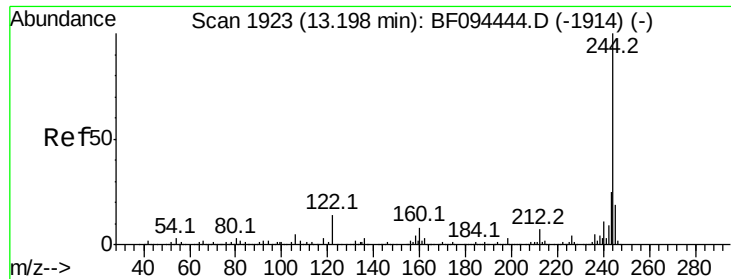


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 26.26 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

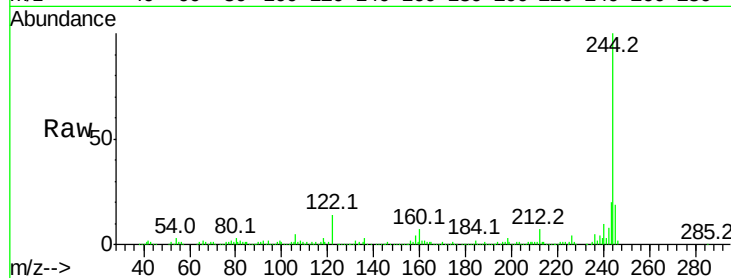
Tot Ion:244 Resp: 224178

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

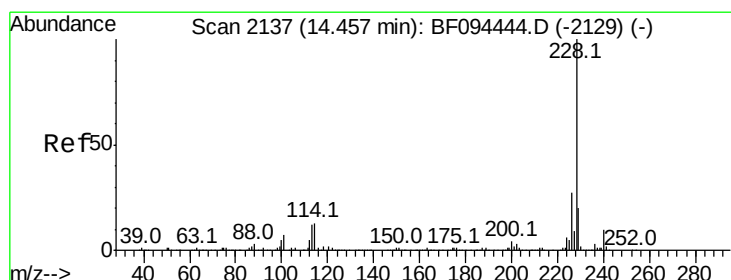
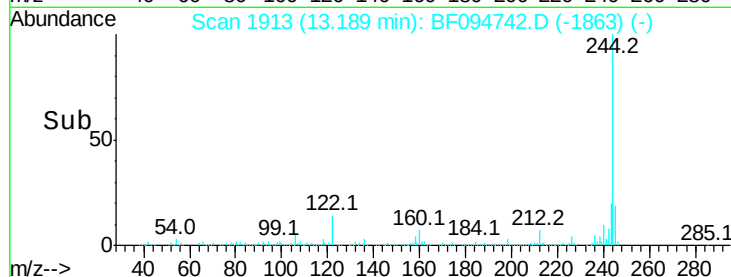
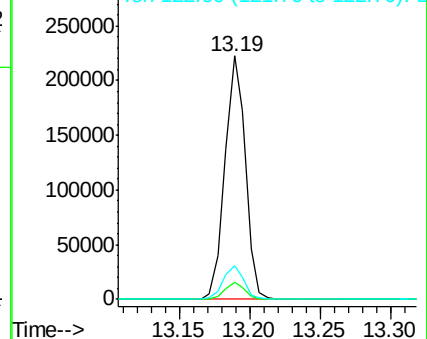
122 13.6 10.3 15.5



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: 3.68 ng

RT: 14.50 min Scan# 2136

Delta R.T. 0.04 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

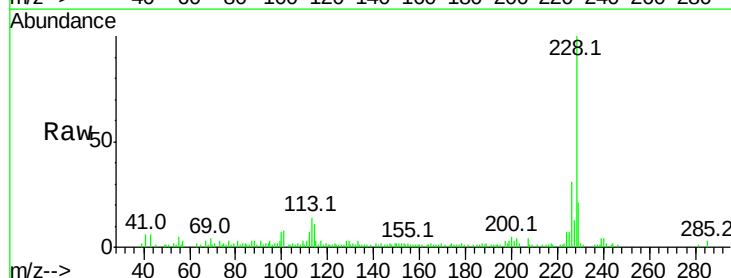
Tgt Ion:228 Resp: 48842

Ion Ratio Lower Upper

228 100

226 30.9 22.6 33.8

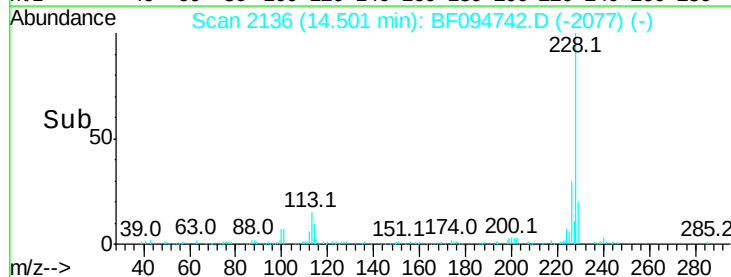
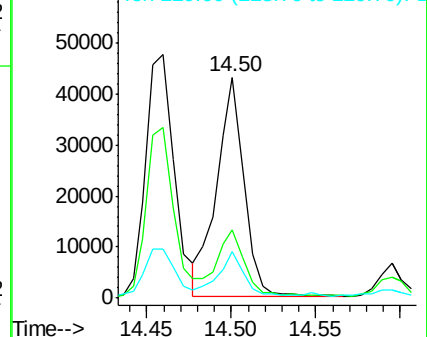
229 21.1 16.3 24.5

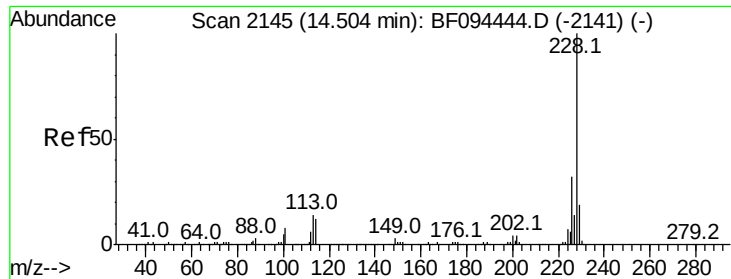


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

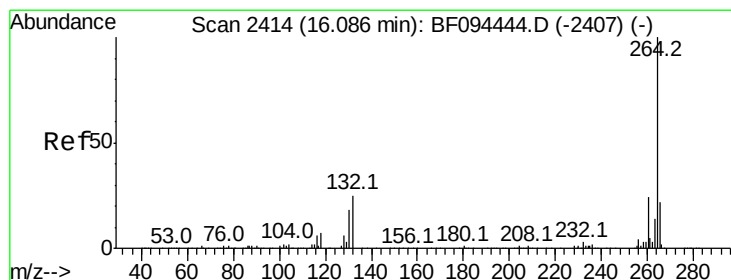
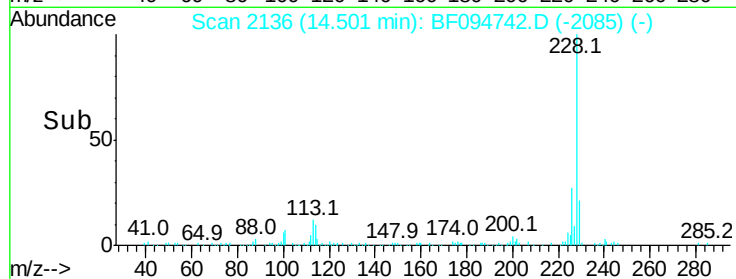
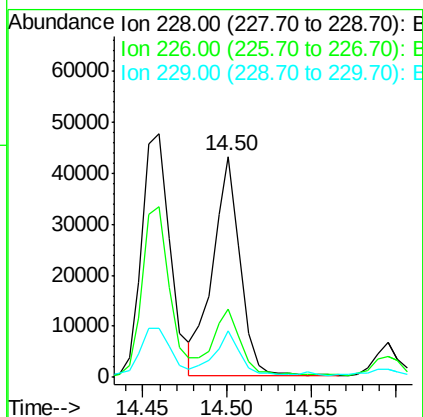
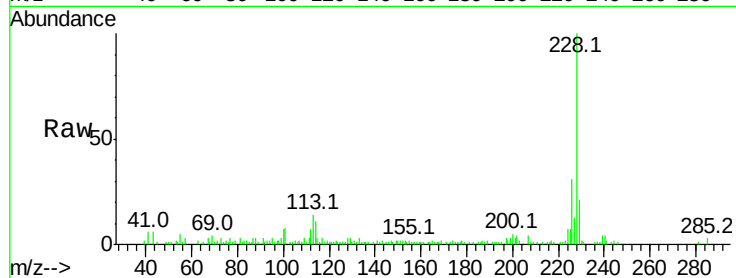




#82
Chrysene
Concen: 4.03 ng
RT: 14.50 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BF094742.D
Acq: 1 May 2017 5:08

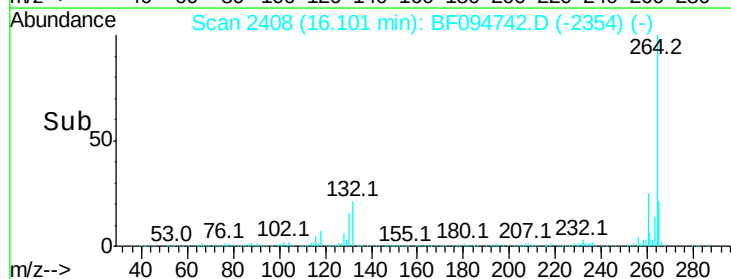
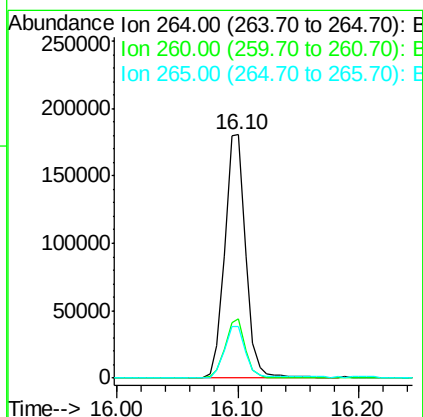
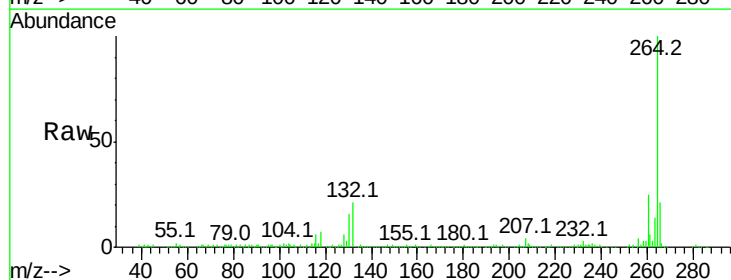
Instrument :
BNA_F
ClientSampleId :

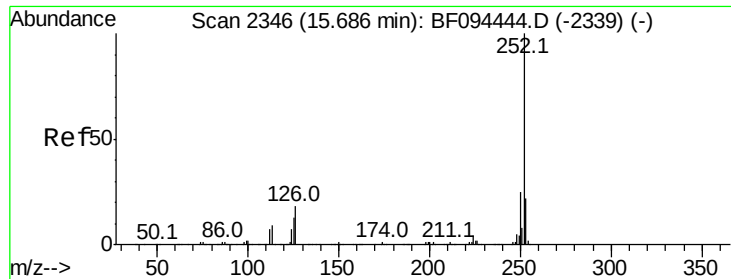
Tot Ion:228 Resp: 48842
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 21.1 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BF094742.D
Acq: 1 May 2017 5:08

Tgt Ion:264 Resp: 217581
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 4.21 ng

RT: 15.70 min Scan# 2340

Delta R.T. 0.01 min

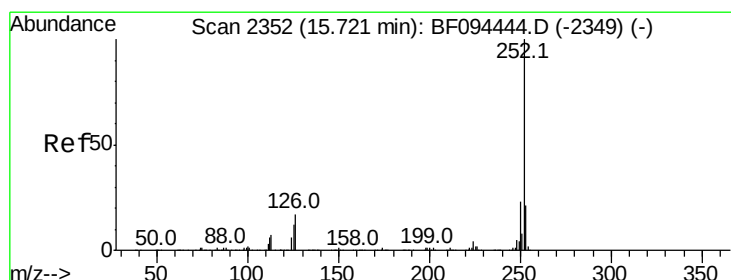
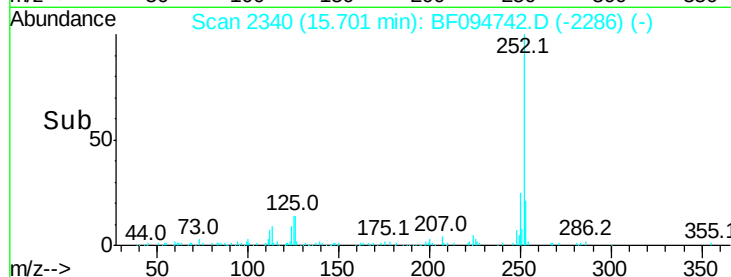
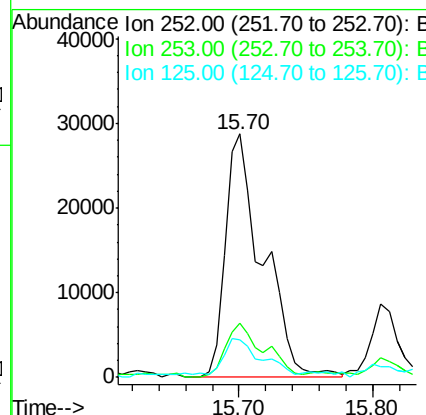
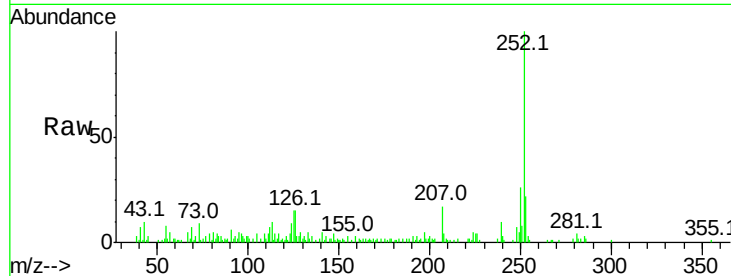
Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 56075

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	15.3	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 4.45 ng

RT: 15.70 min Scan# 2340

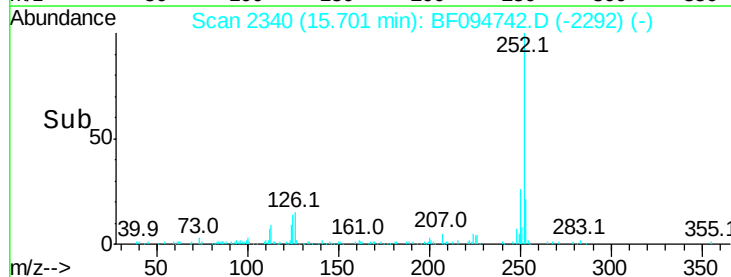
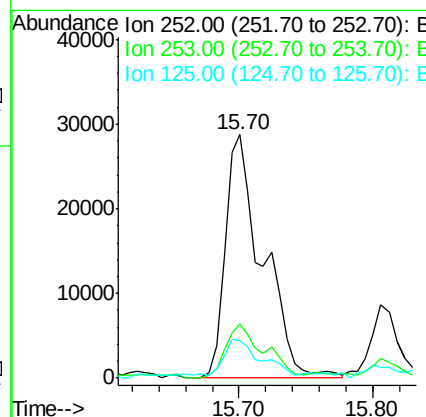
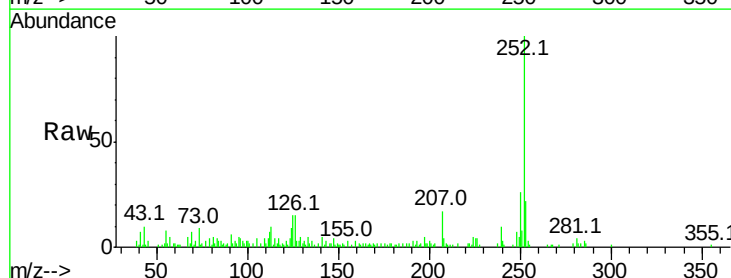
Delta R.T. -0.02 min

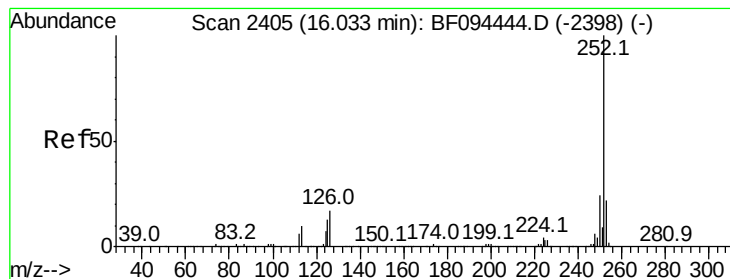
Lab File: BF094742.D

Acq: 1 May 2017 5:08

Tgt Ion:252 Resp: 56075

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	15.3	13.1	19.7





#89

Benzo(a)pyrene

Concen: 3.97 ng

RT: 16.04 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

Instrument :

BNA_F

ClientSampleId :

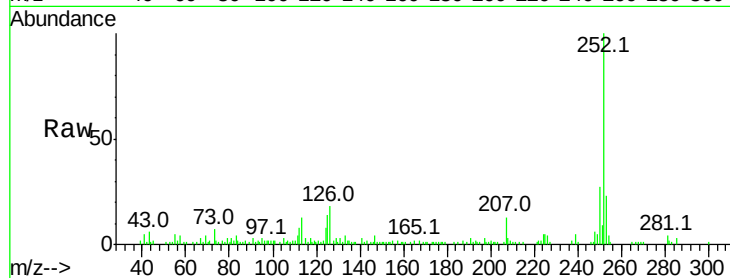
Tot Ion:252 Resp: 49156

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

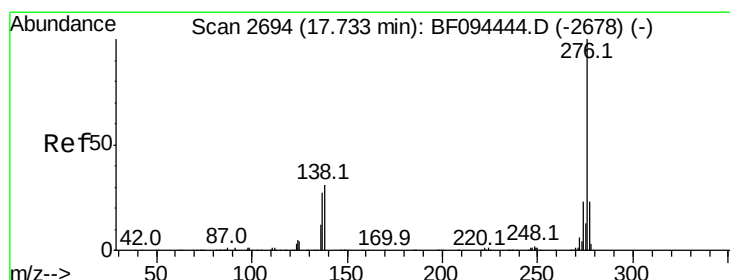
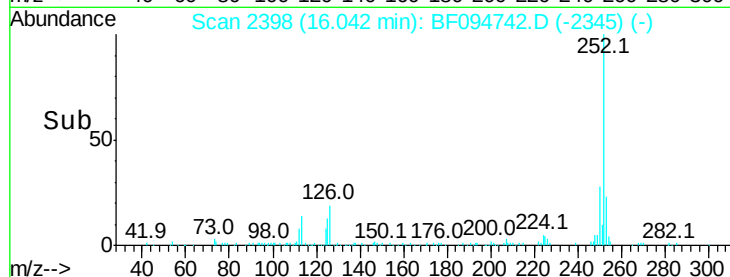
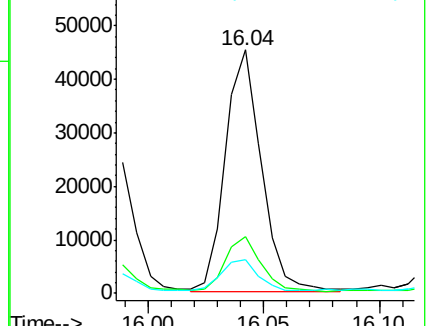
125 13.7 11.0 16.4



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: 2.75 ng

RT: 17.76 min Scan# 2690

Delta R.T. 0.03 min

Lab File: BF094742.D

Acq: 1 May 2017 5:08

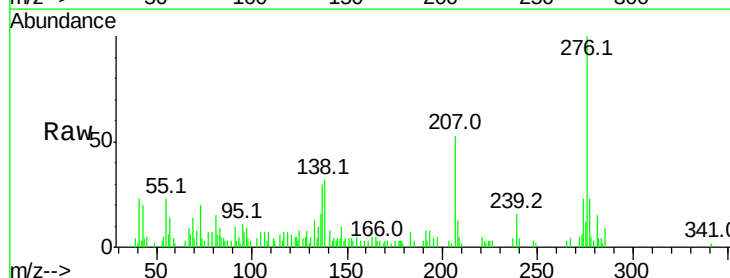
Tgt Ion:276 Resp: 28803

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 32.0 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

