

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040815\
 Data File : BF078344.D
 Acq On : 8 Apr 2015 20:05
 Operator : TP/IZ
 Sample : G1793-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4S

Quant Time: Apr 09 01:39:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 00:49:15 2015
 Response via : Initial Calibration

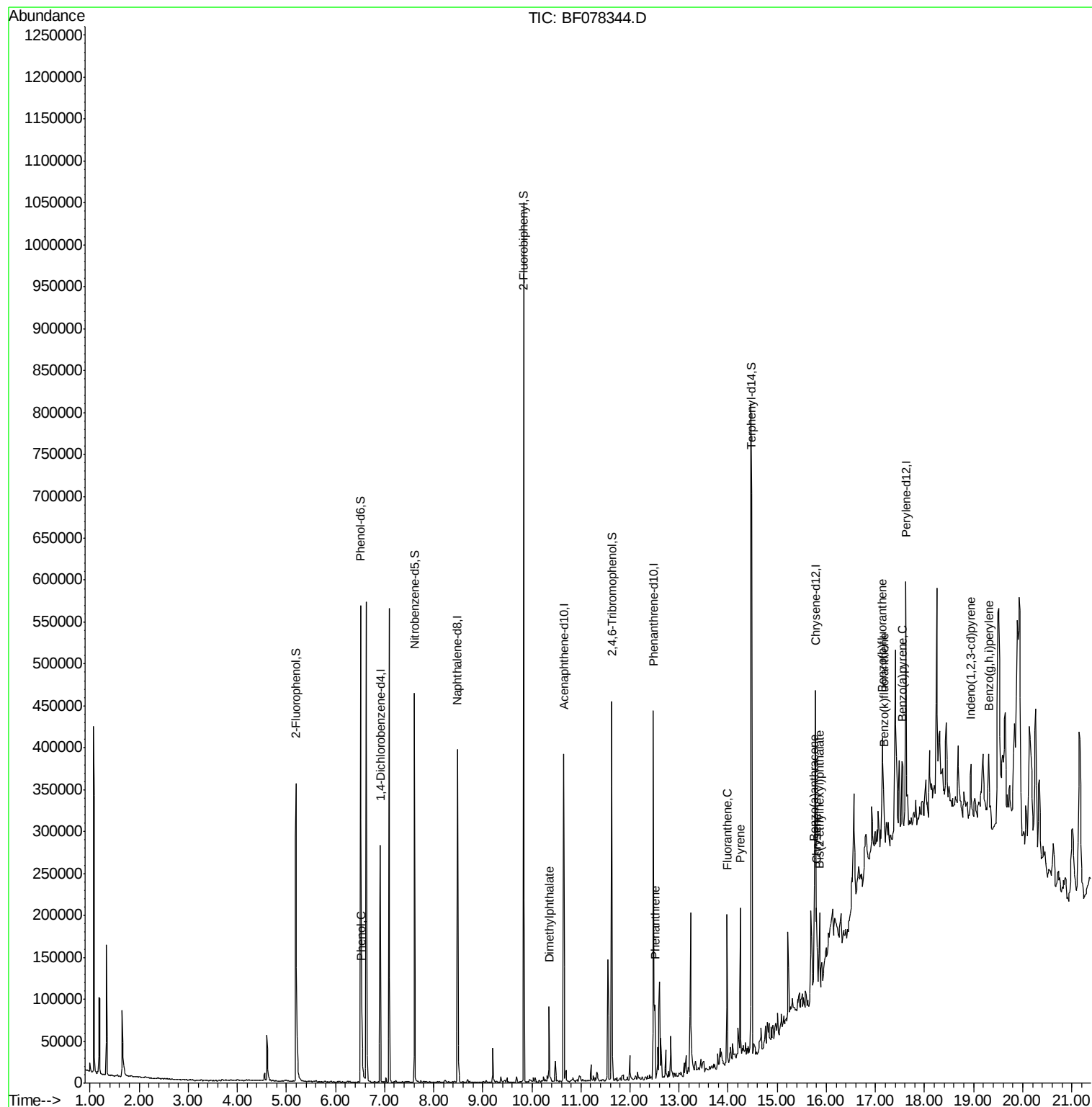
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	43511	20.00	ng	0.00
21) Naphthalene-d8	8.49	136	174785	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	83796	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	164035	20.00	ng	0.00
75) Chrysene-d12	15.78	240	177011	20.00	ng	0.01
86) Perylene-d12	17.62	264	165924	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	178295	67.56	ng	0.02
7) Phenol-d6	6.51	99	266585	80.61	ng	0.00
23) Nitrobenzene-d5	7.61	82	150828	52.31	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	68449	98.49	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	330635	56.40	ng	0.00
78) Terphenyl-d14	14.48	244	362015	46.21	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.53	94	8517	2.15	ng	# 77
49) Dimethylphthalate	10.35	163	35136	5.58	ng	# 99
70) Phenanthrene	12.51	178	44304	4.67	ng	98
74) Fluoranthene	13.97	202	73140	7.31	ng	93
77) Pyrene	14.25	202	70502	6.34	ng	96
80) Benzo(a)anthracene	15.76	228	46581m	4.42	ng	
82) Chrysene	15.80	228	52496	5.31	ng	98
83) Bis(2-ethylhexyl)phthalate	15.86	149	30292	4.56	ng	100
85) Indeno(1,2,3-cd)pyrene	18.95	276	36563	3.26	ng	# 80
87) Benzo(b)fluoranthene	17.14	252	85211m	8.31	ng	
88) Benzo(k)fluoranthene	17.17	252	25570m	2.81	ng	
89) Benzo(a)pyrene	17.55	252	51082	5.71	ng	# 90
91) Benzo(a,h,i)perylene	19.31	276	36746	4.09	ng	92

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

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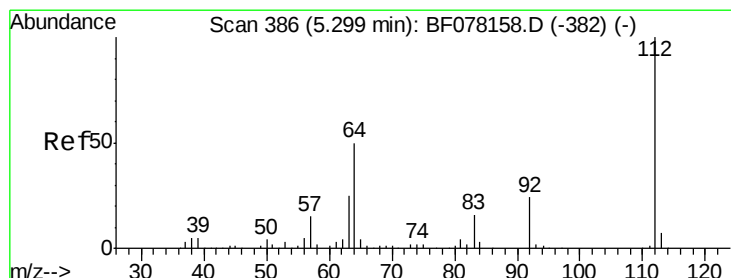
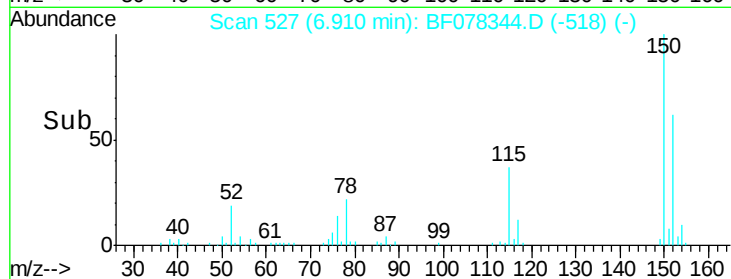
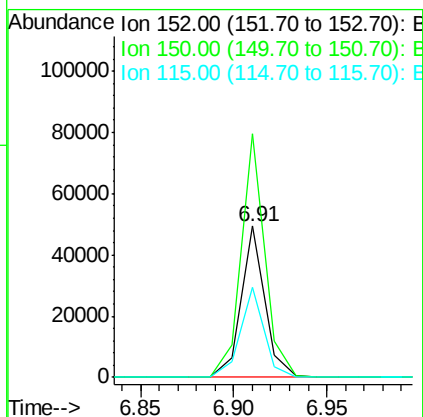
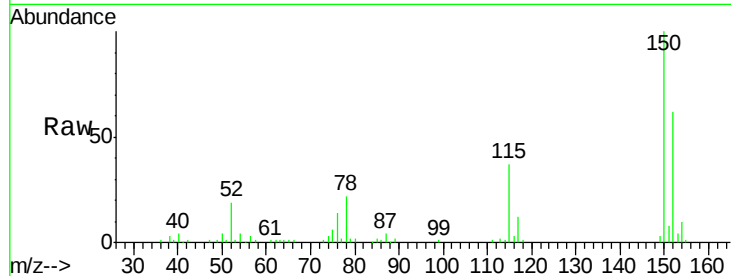


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF078344.D
 Acq: 8 Apr 2015 20:05

Instrument :
 BNA_F
 ClientSampled :
 SB-4S

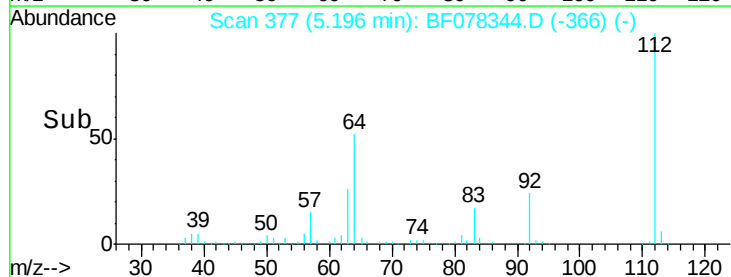
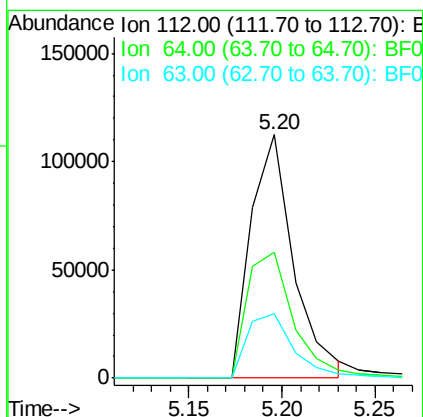
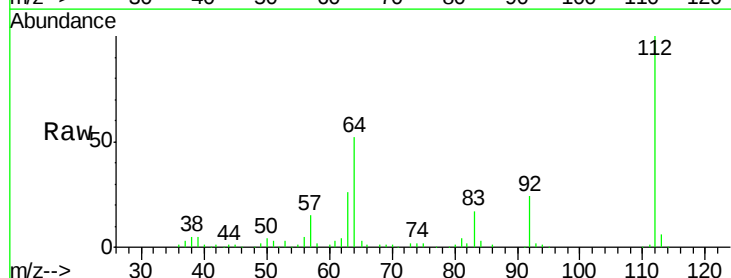
Tot Ion:152 Resp: 43511
 Ion Ratio Lower Upper
 152 100
 150 161.2 125.9 188.9
 115 59.8 52.7 79.1



#5

2-Fluorophenol
 Concen: 67.56 ng
 RT: 5.20 min Scan# 377
 Delta R.T. 0.02 min
 Lab File: BF078344.D
 Acq: 8 Apr 2015 20:05

Tgt Ion:112 Resp: 178295
 Ion Ratio Lower Upper
 112 100
 64 51.8 39.9 59.9
 63 26.2 20.2 30.4





#7

Phenol-d6

Concen: 80.61 ng

RT: 6.51 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF078344.D

Acq: 8 Apr 2015 20:05

Instrument :

BNA_F

ClientSampled :

SB-4S

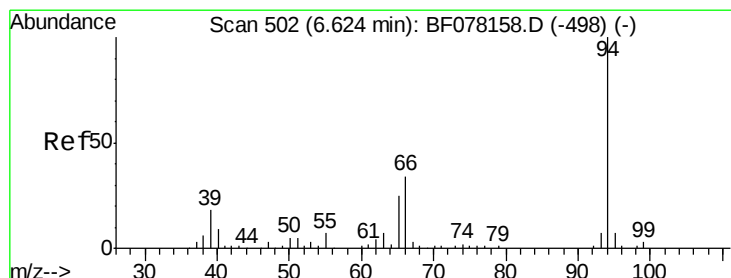
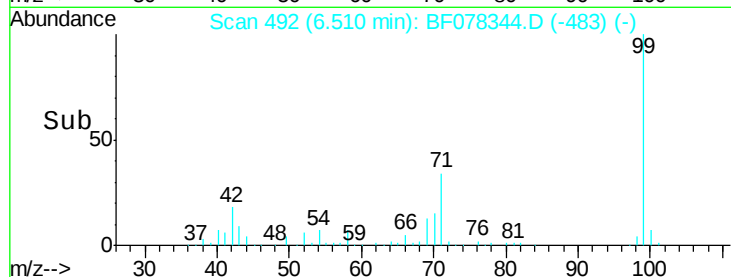
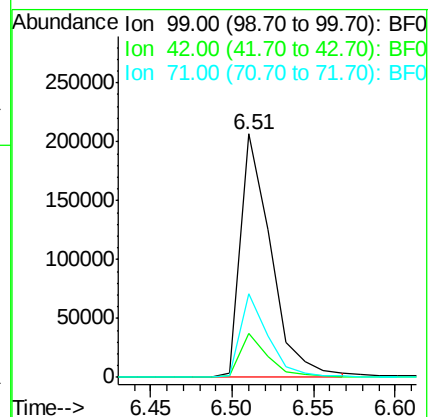
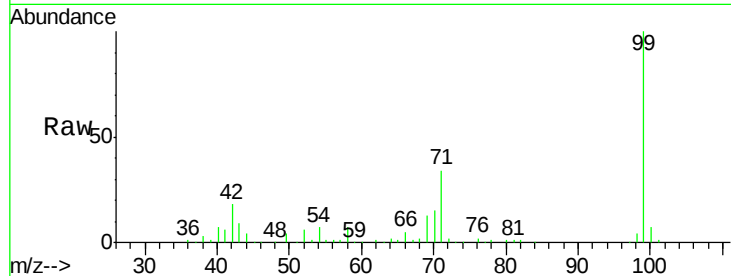
Tot Ion: 99 Resp: 266585

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

71 34.3 26.6 39.8



#10

Phenol

Concen: 2.15 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078344.D

Acq: 8 Apr 2015 20:05

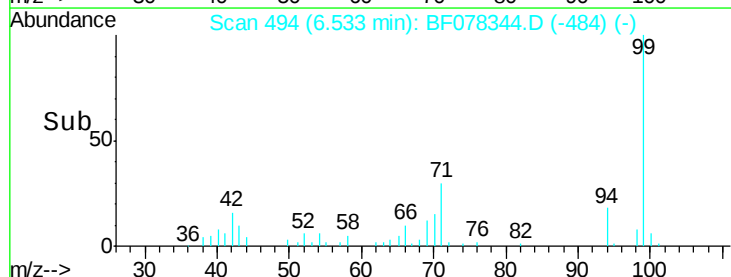
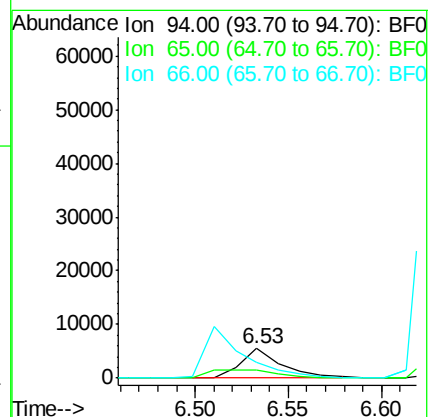
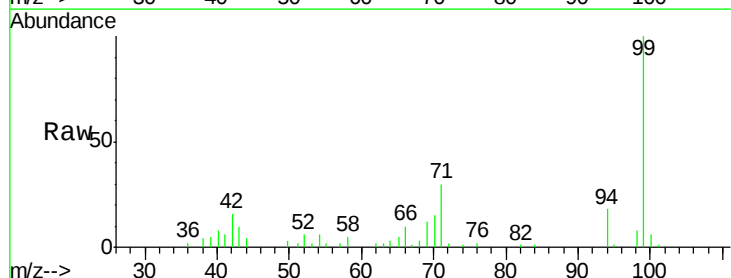
Tgt Ion: 94 Resp: 8517

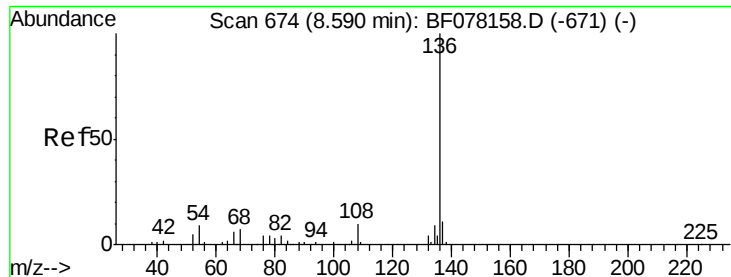
Ion Ratio Lower Upper

94 100

65 27.0 4.9 44.9

66 54.8 13.8 53.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF078344.D

Acq: 8 Apr 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SB-4S

Tot Ion:136 Resp: 174785

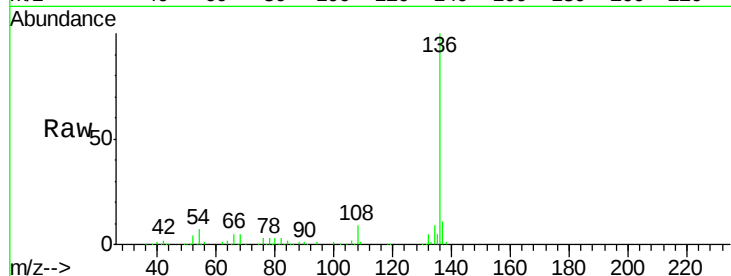
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.7 7.0 10.6#

68 5.5 5.4 8.2

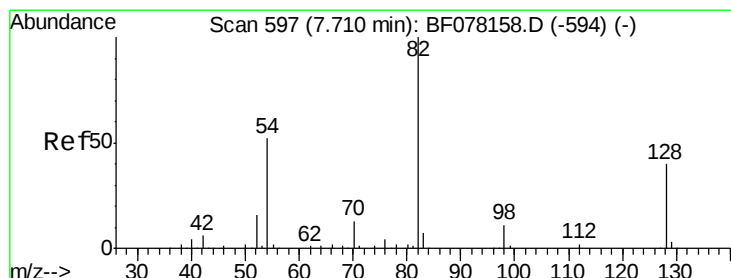
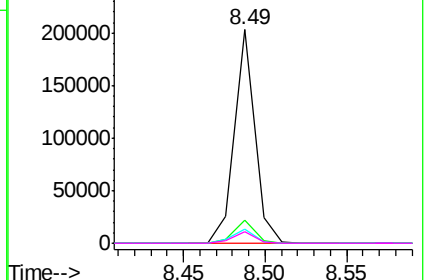
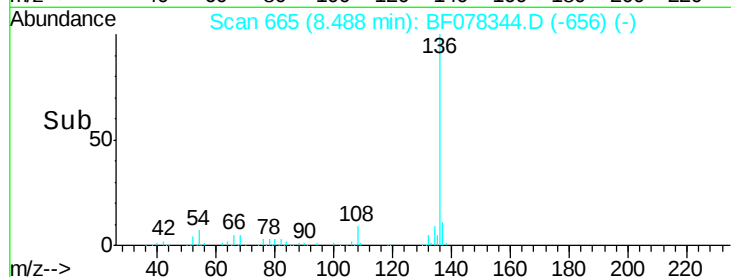


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 52.31 ng

RT: 7.61 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF078344.D

Acq: 8 Apr 2015 20:05

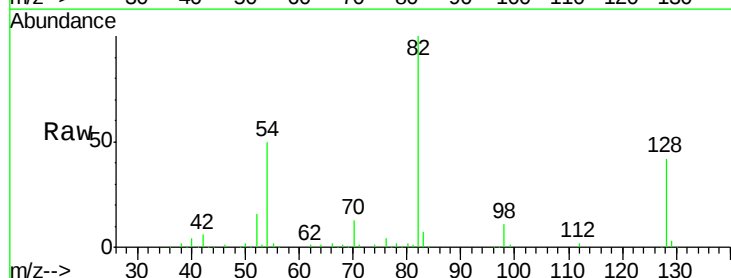
Tgt Ion: 82 Resp: 150828

Ion Ratio Lower Upper

82 100

128 41.8 31.8 47.8

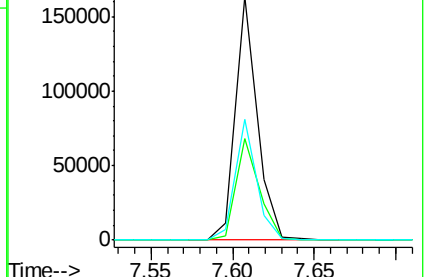
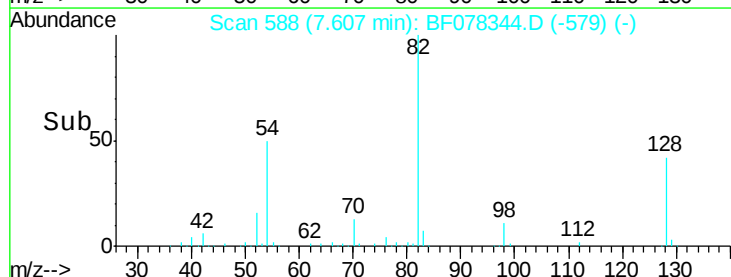
54 49.5 41.5 62.3

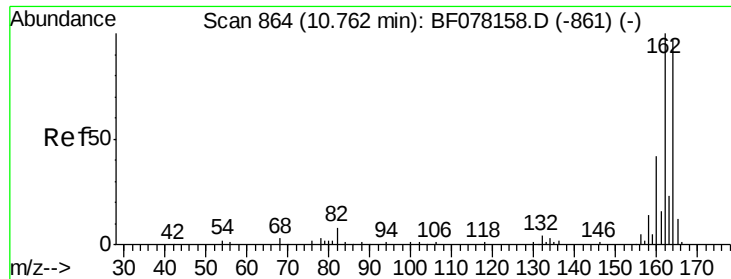


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

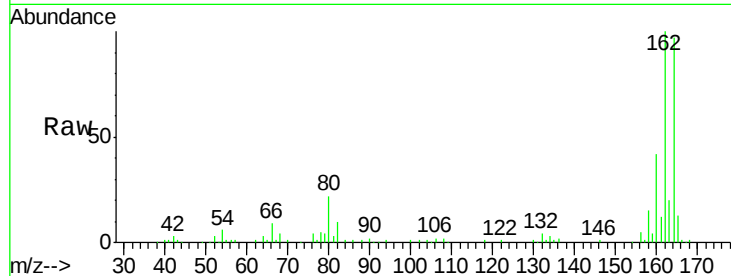




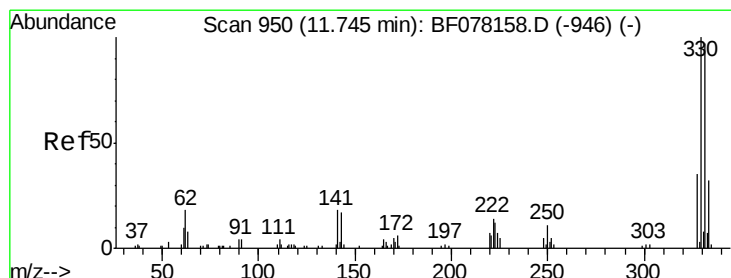
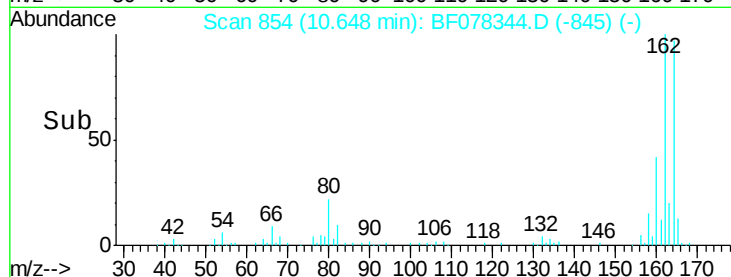
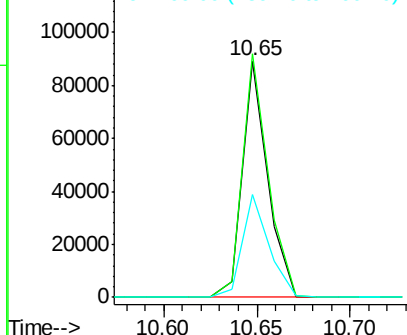
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.65 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SB-4S

Tot Ion:164 Resp: 83796
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 43.4 34.7 52.1

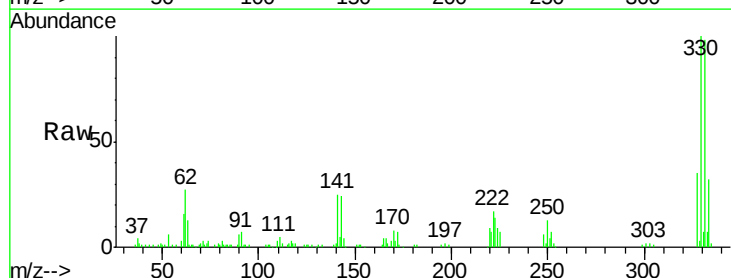


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

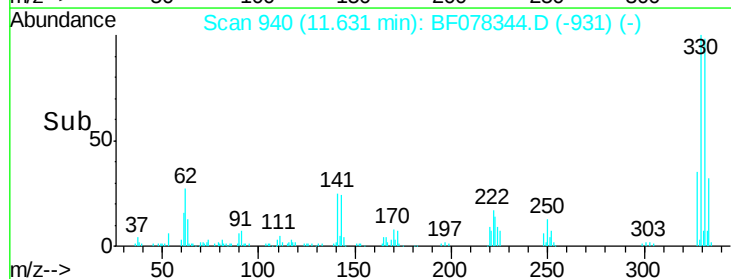
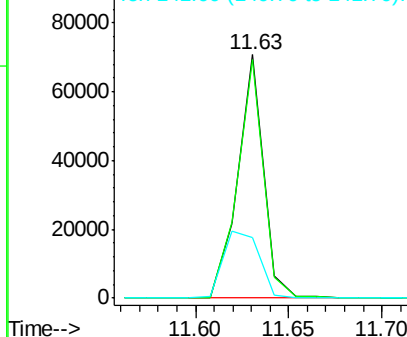


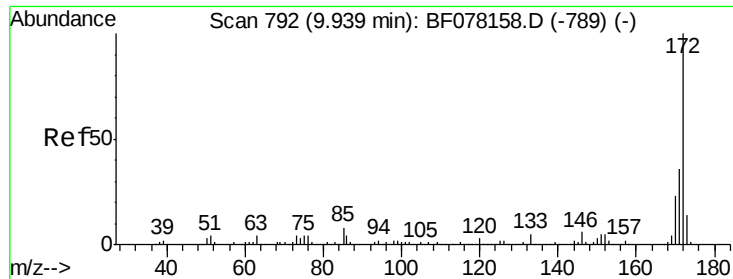
#41
2,4,6-Tribromophenol
Concen: 98.49 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Tgt Ion:330 Resp: 68449
Ion Ratio Lower Upper
330 100
332 98.8 78.6 117.8
141 38.6 31.2 46.8



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



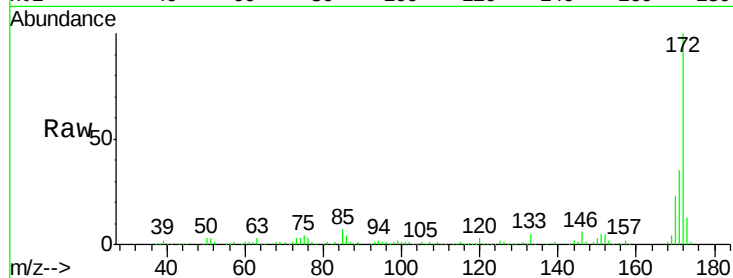


#44
 2-Fluorobiphenyl
 Concen: 56.40 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078344.D
 Acq: 8 Apr 2015 20:05

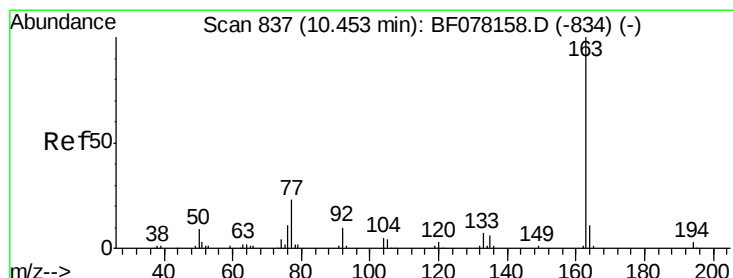
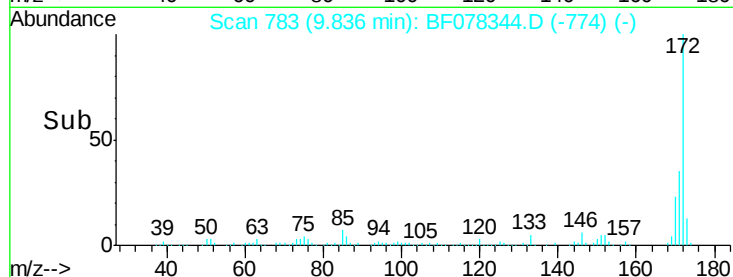
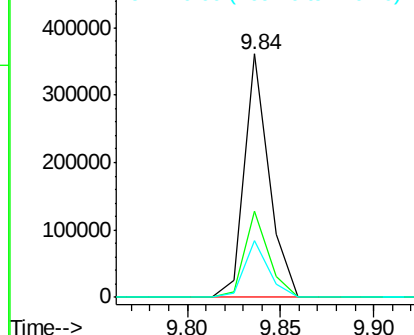
Instrument :
 BNA_F
 ClientSampleId :
 SB-4S

Tot Ion:172 Resp: 330635

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.4	18.5	27.7



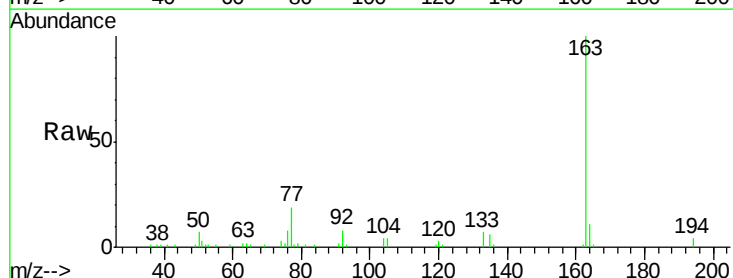
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



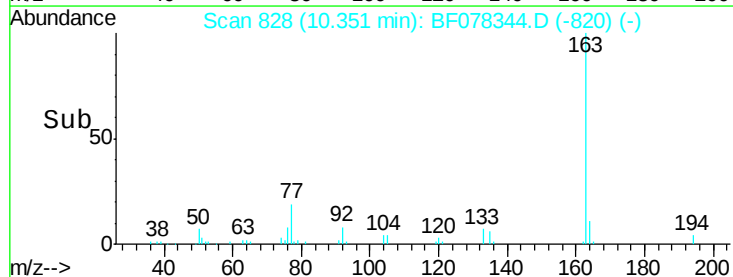
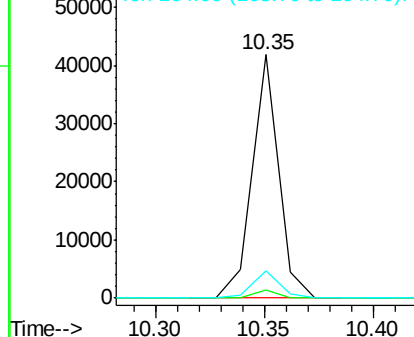
#49
 Dimethylphthalate
 Concen: 5.58 ng
 RT: 10.35 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF078344.D
 Acq: 8 Apr 2015 20:05

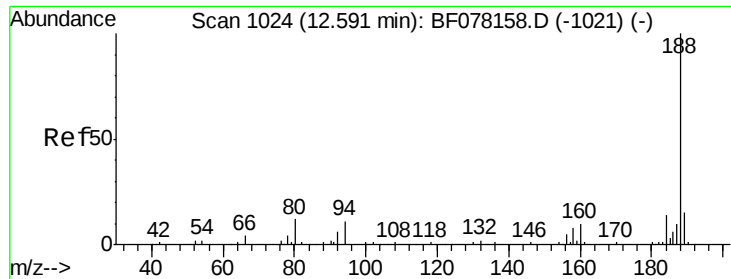
Tgt Ion:163 Resp: 35136

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.3	3.5#
164	11.1	8.6	13.0



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

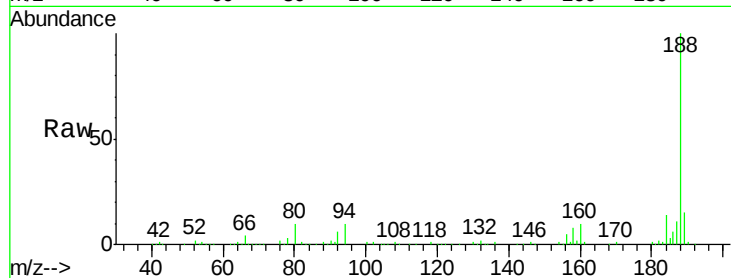




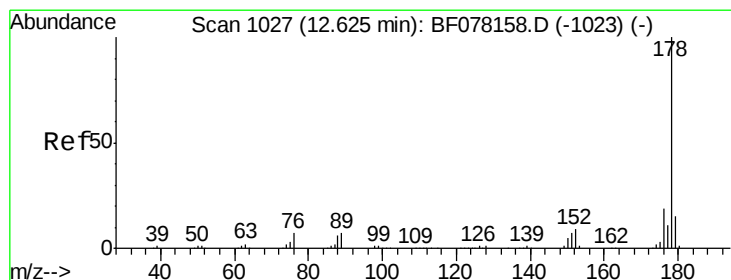
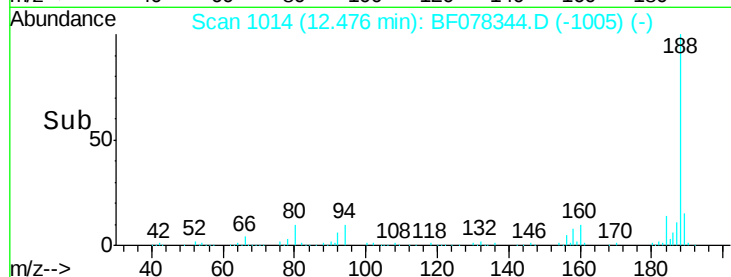
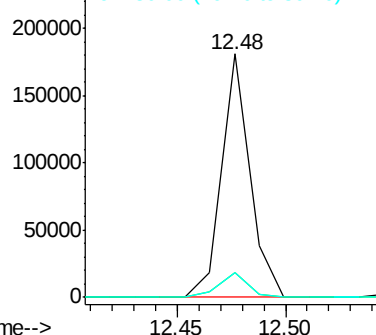
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.48 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Instrument :
BNA_F
ClientSampled :
SB-4S

Tot Ion:188 Resp: 164035
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 10.1 9.5 14.3

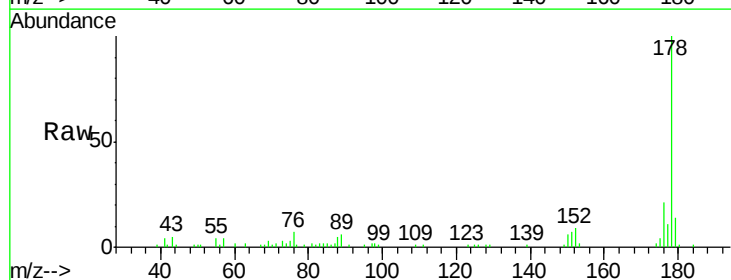


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

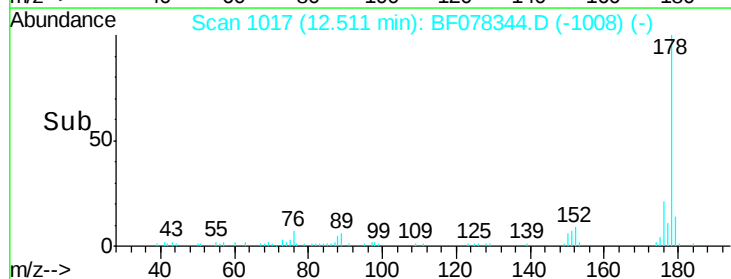
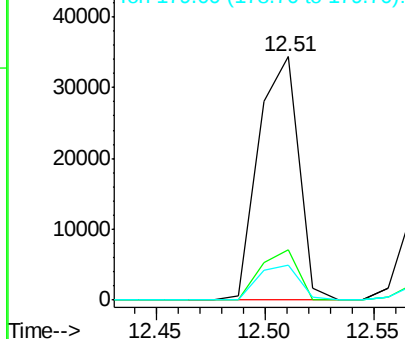


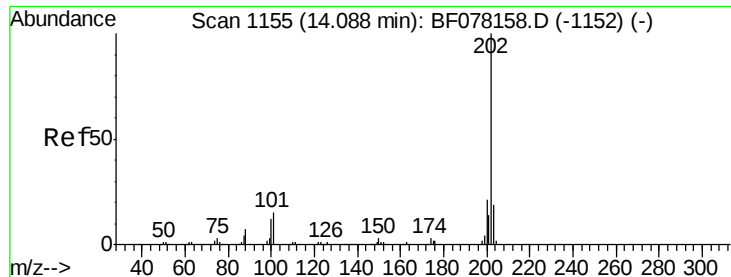
#70
Phenanthrene
Concen: 4.67 ng
RT: 12.51 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Tgt Ion:178 Resp: 44304
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.0
179 14.4 12.2 18.2



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: 7.31 ng

RT: 13.97 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF078344.D

Acq: 8 Apr 2015 20:05

Instrument :

BNA_F

ClientSampled :

SB-4S

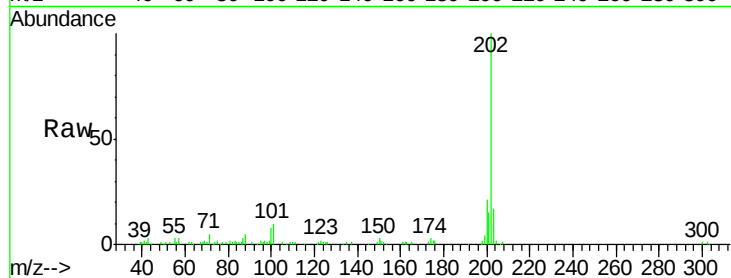
Tot Ion:202 Resp: 73140

Ion Ratio Lower Upper

202 100

101 10.2 0.0 35.2

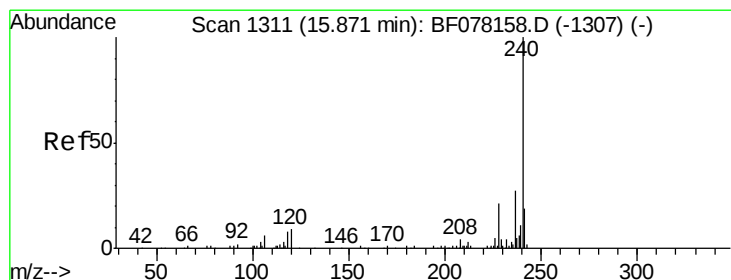
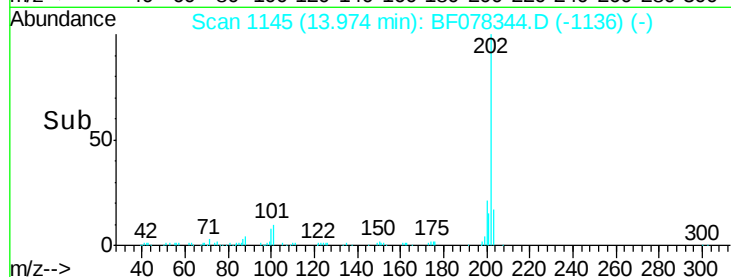
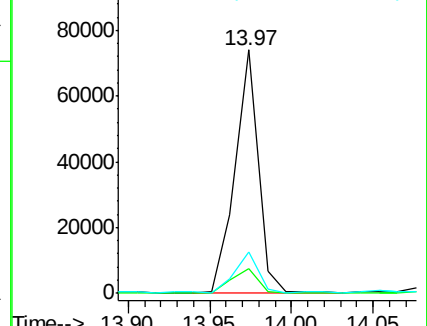
203 17.1 0.0 38.5



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: 15.78 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF078344.D

Acq: 8 Apr 2015 20:05

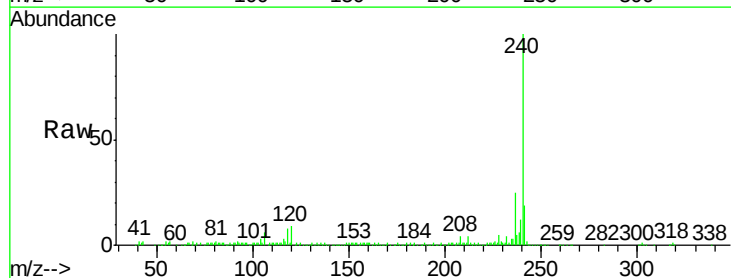
Tgt Ion:240 Resp: 177011

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

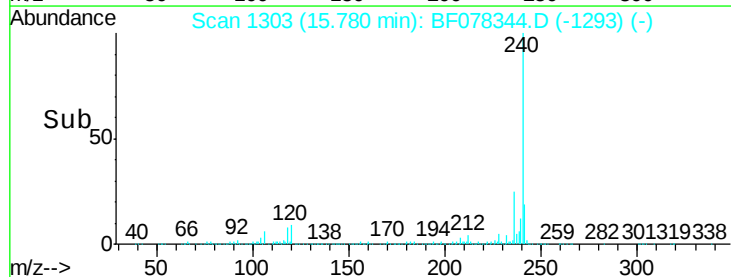
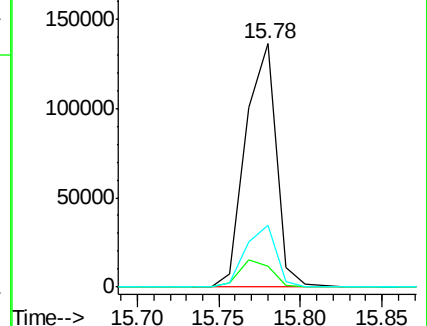
236 25.4 21.4 32.2

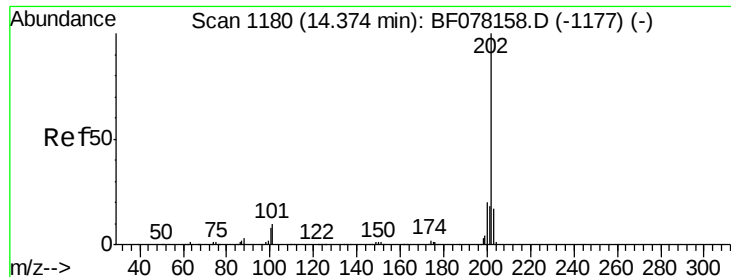


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

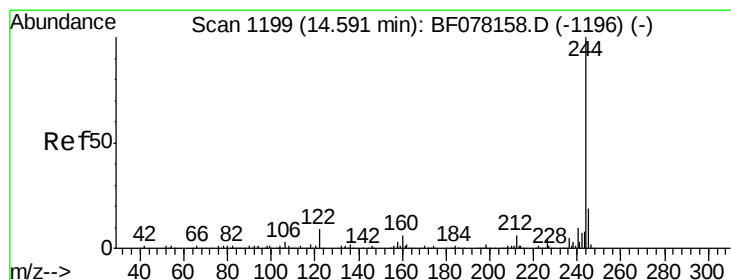
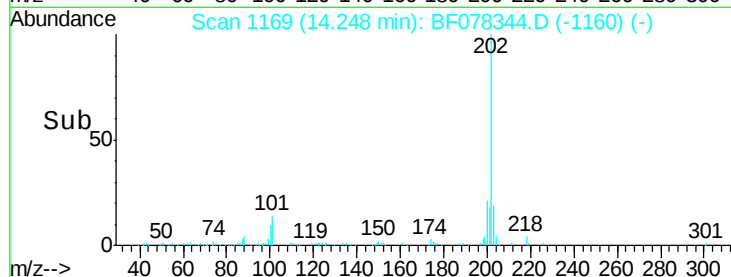
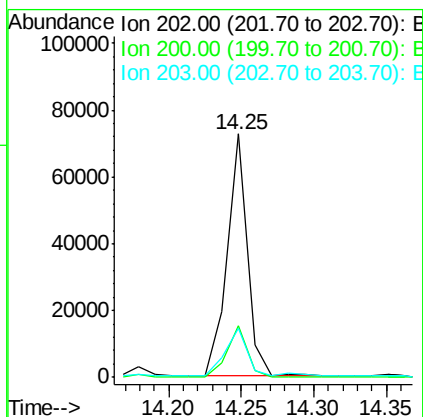
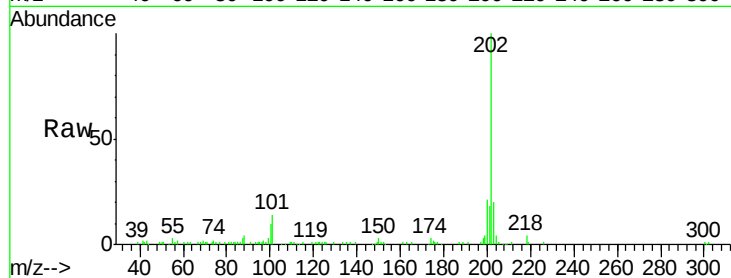




#77
Pvrene
Concen: 6.34 ng
RT: 14.25 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

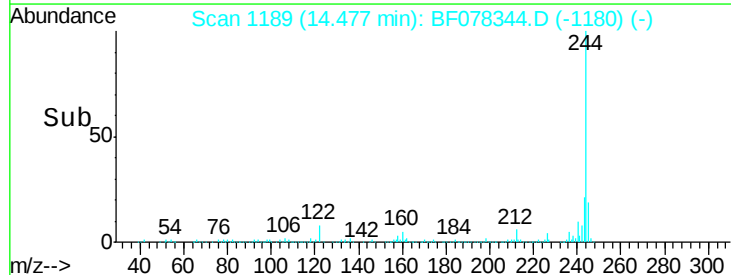
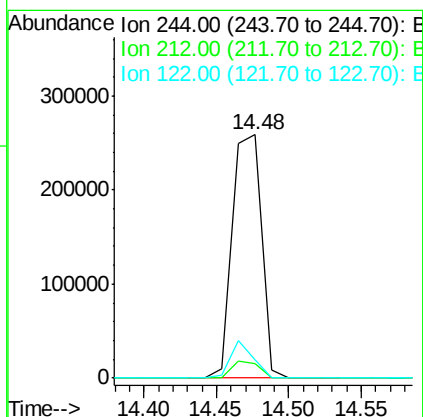
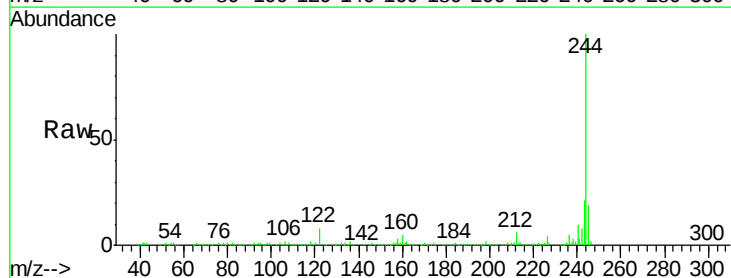
Instrument :
BNA_F
ClientSampleId :
SB-4S

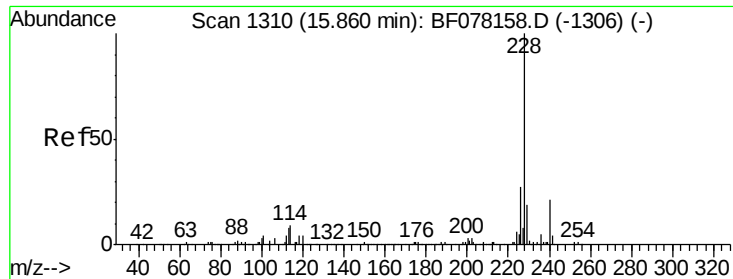
Tot Ion:202 Resp: 70502
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 20.1 13.8 20.6



#78
Terphenyl-d14
Concen: 46.21 ng
RT: 14.48 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Tgt Ion:244 Resp: 362015
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.4
122 7.5 7.1 10.7

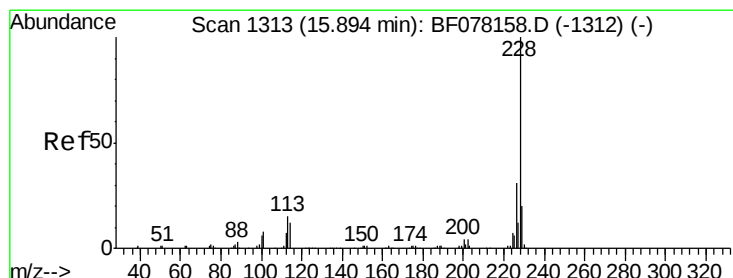
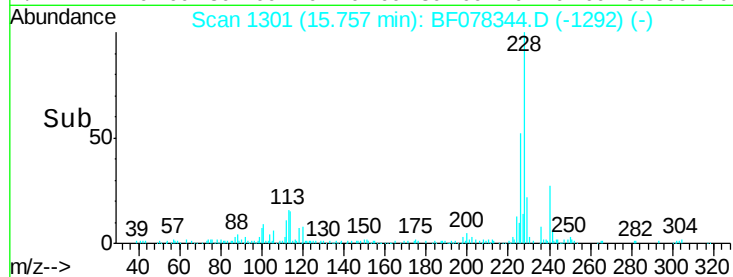
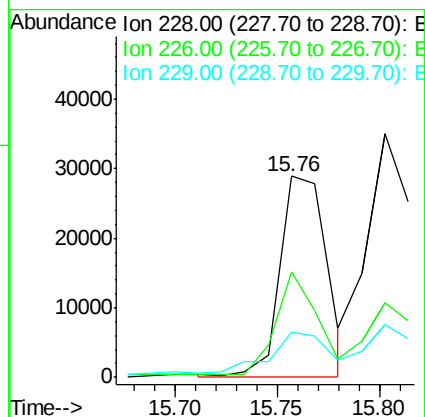
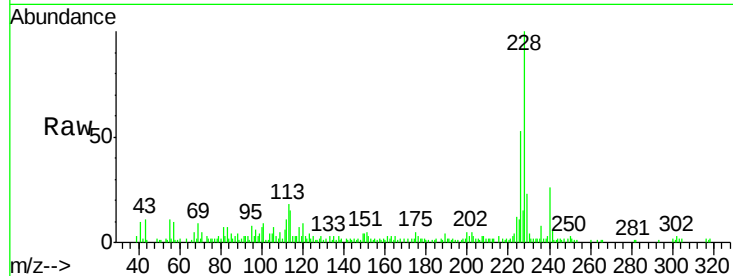




#80
Benzo(a)anthracene
Concen: 4.42 ng m
RT: 15.76 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

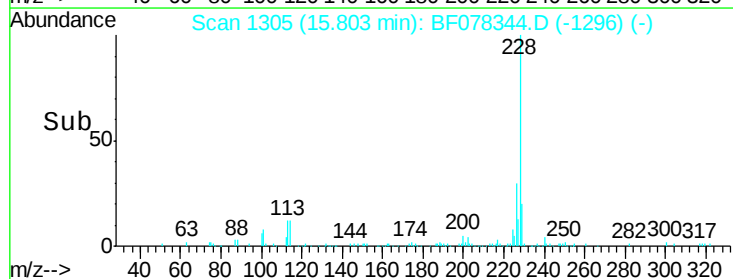
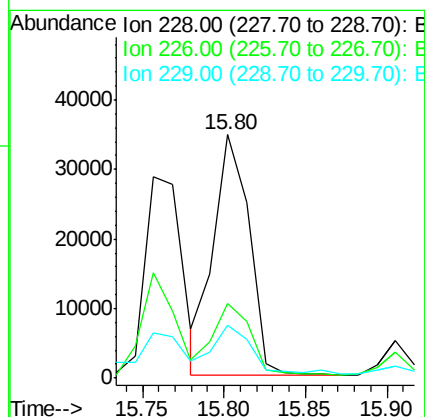
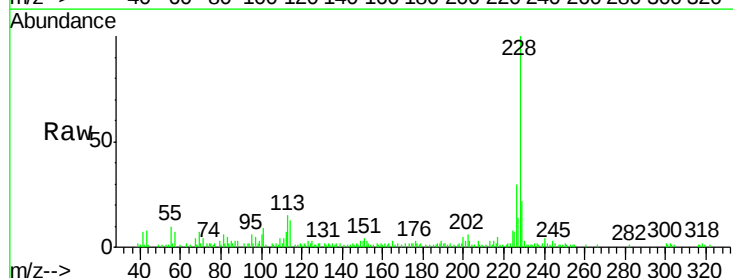
Instrument :
BNA_F
ClientSampleId :
SB-4S

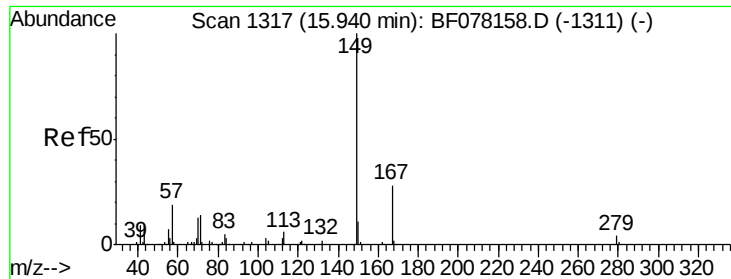
Tot Ion:228 Resp: 46581
Ion Ratio Lower Upper
228 100
226 52.6 21.3 31.9#
229 22.5 15.4 23.2



#82
Chrysene
Concen: 5.31 ng
RT: 15.80 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Tgt Ion:228 Resp: 52496
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.4
229 21.9 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.56 ng

RT: 15.86 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF078344.D

Acq: 8 Apr 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SB-4S

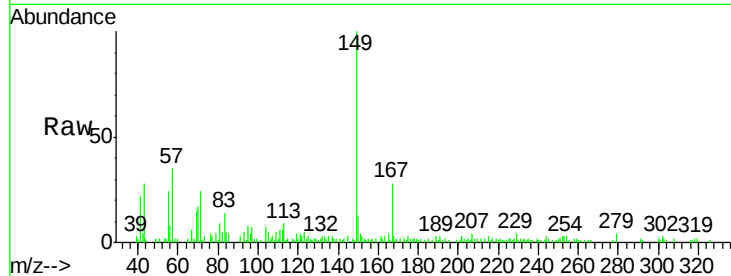
Tot Ion:149 Resp: 30292

Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

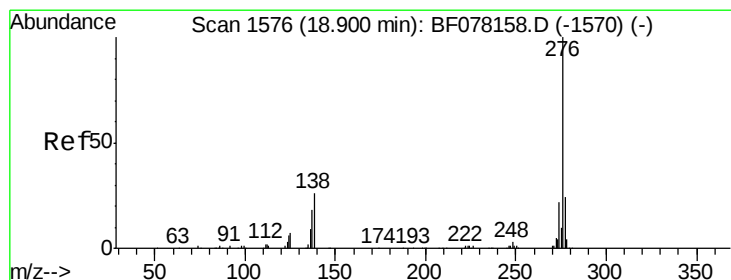
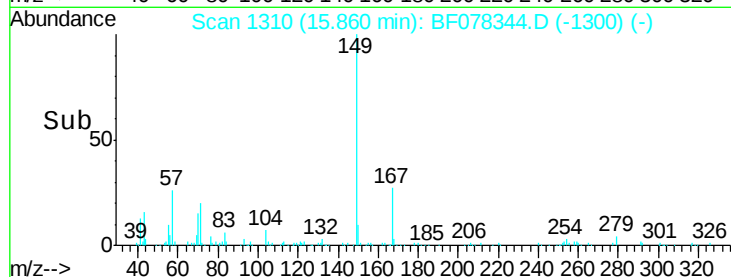
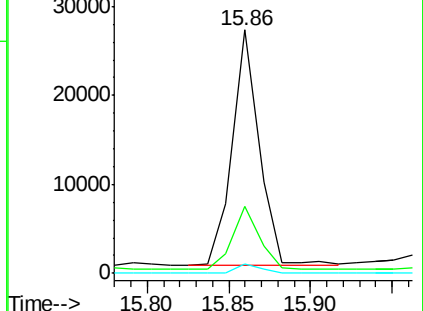
279 3.6 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.26 ng

RT: 18.95 min Scan# 1580

Delta R.T. 0.06 min

Lab File: BF078344.D

Acq: 8 Apr 2015 20:05

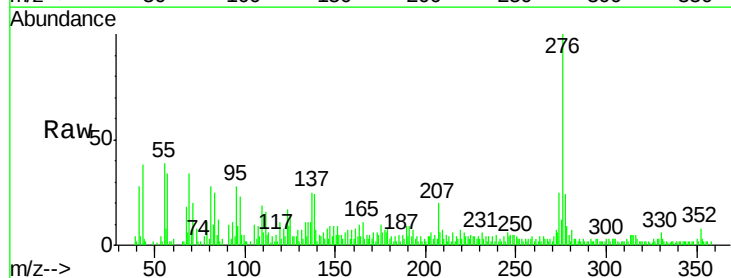
Tgt Ion:276 Resp: 36563

Ion Ratio Lower Upper

276 100

138 28.4 16.9 25.3#

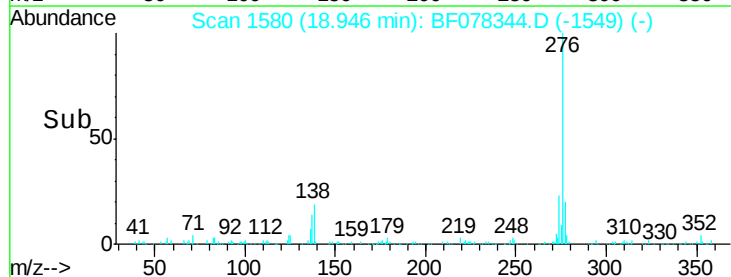
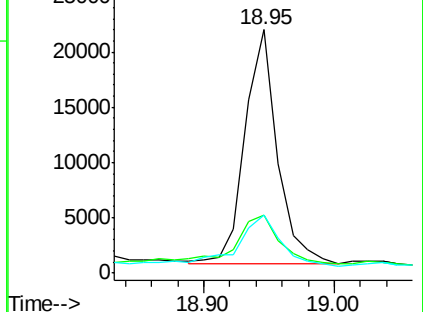
277 31.1 15.8 23.6#

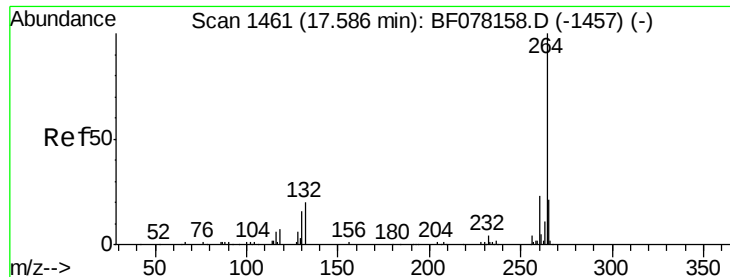


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



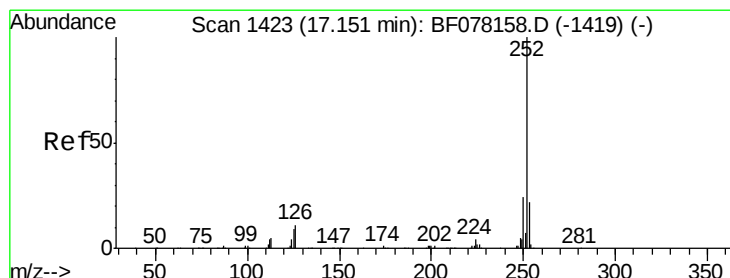
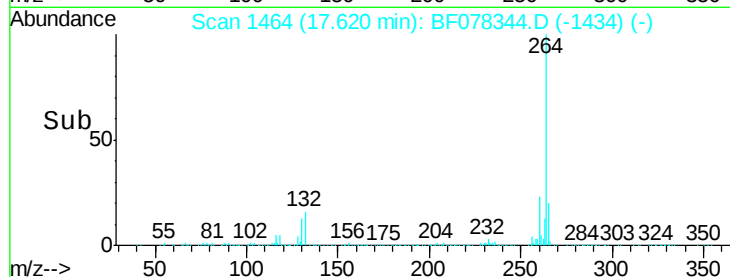
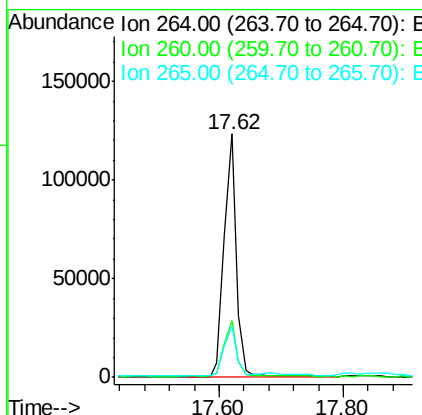
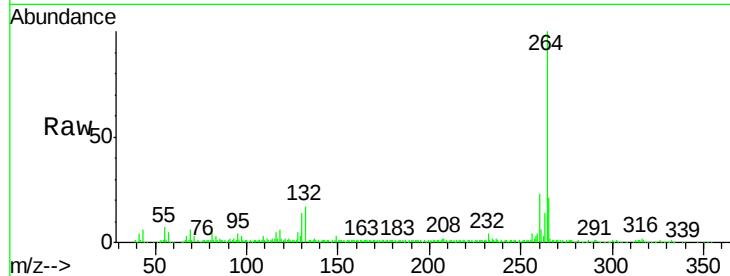


#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.62 min Scan# 1464
Delta R.T. 0.05 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SB-4S

Tot Ion:264 Resp: 165924

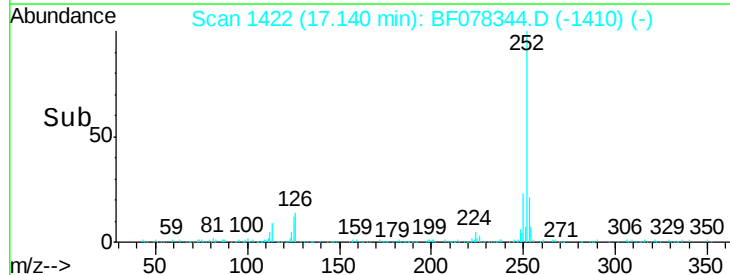
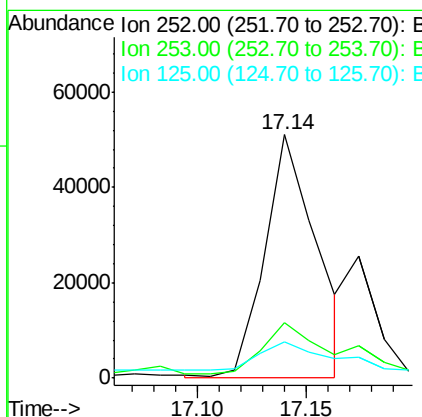
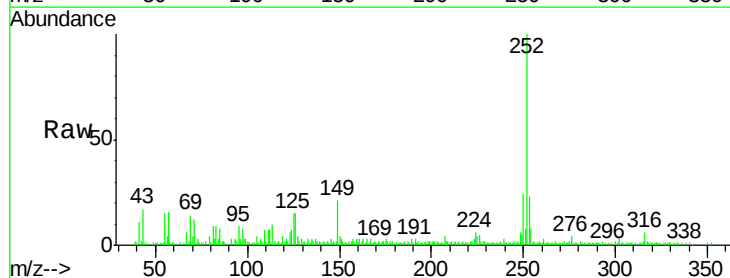
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	20.9	17.0	25.6

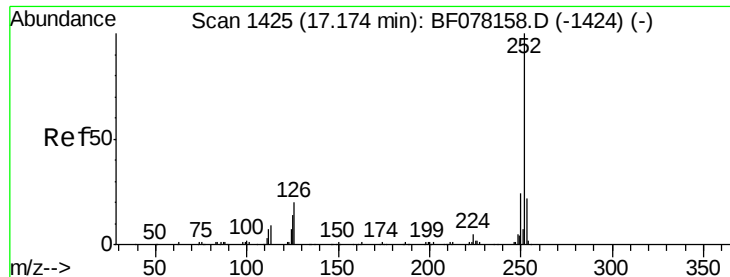


#87
Benzo(b)fluoranthene
Concen: 8.31 ng m
RT: 17.14 min Scan# 1422
Delta R.T. 0.03 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Tgt Ion:252 Resp: 85211

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	15.0	7.0	10.4

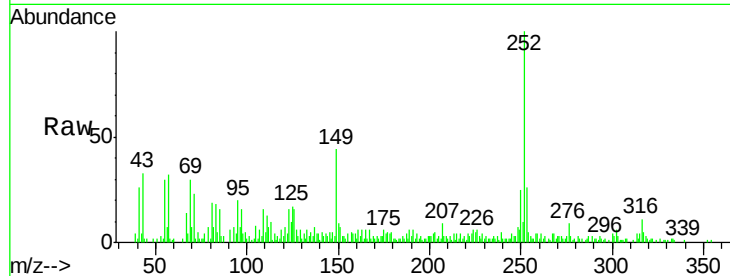




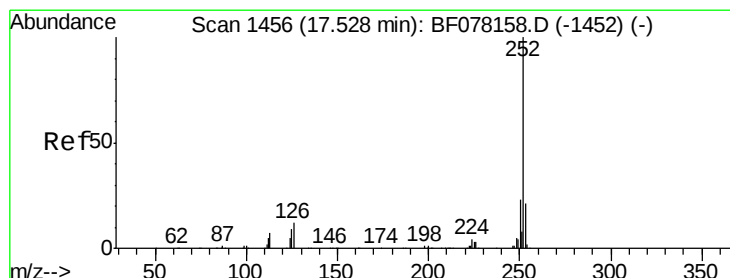
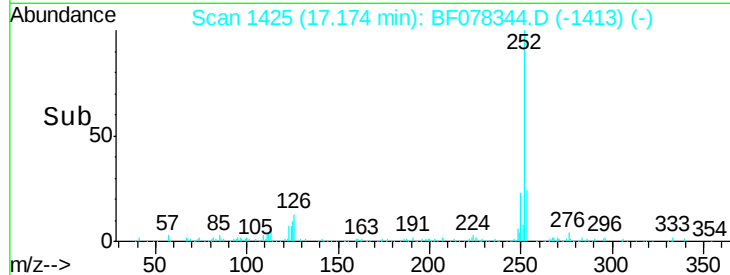
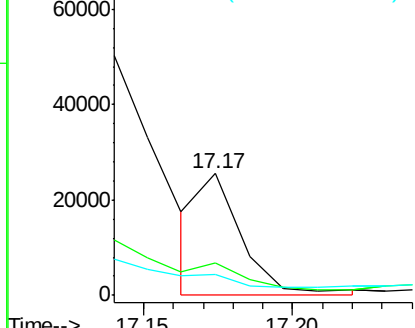
#88
Benzo(k)fluoranthene
Concen: 2.81 ng m
RT: 17.17 min Scan# 1425
Delta R.T. 0.03 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Instrument :
BNA_F
ClientSampleId :
SB-4S

Tot Ion:252 Resp: 25570
Ion Ratio Lower Upper
252 100
253 26.2 17.5 26.3
125 16.8 11.6 17.4

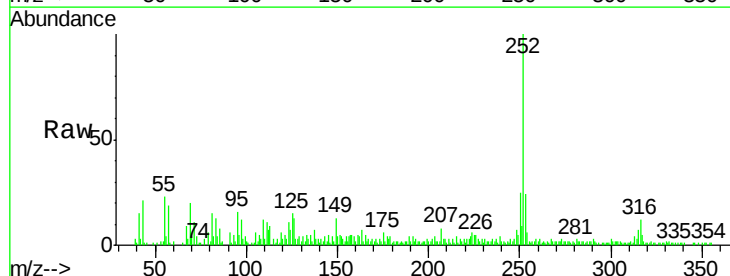


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

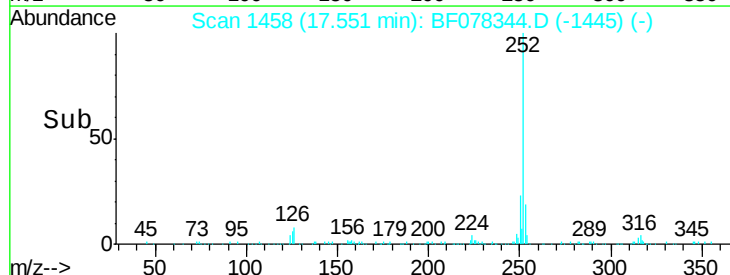
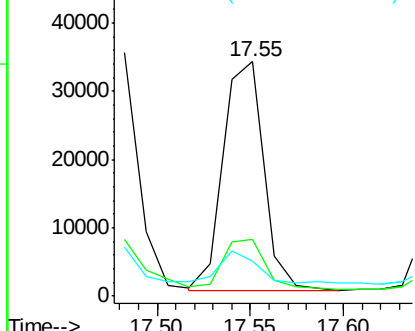


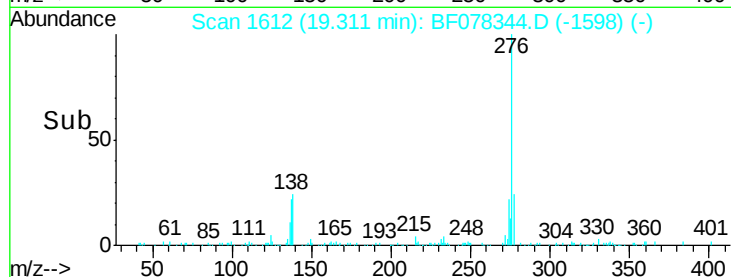
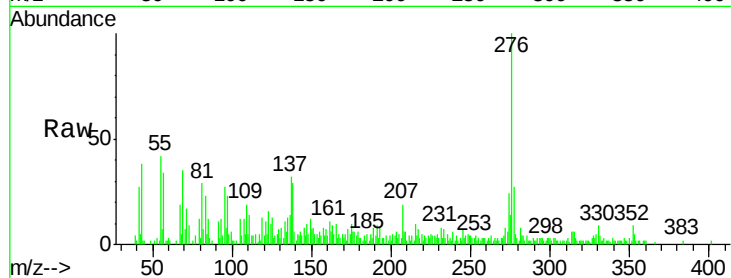
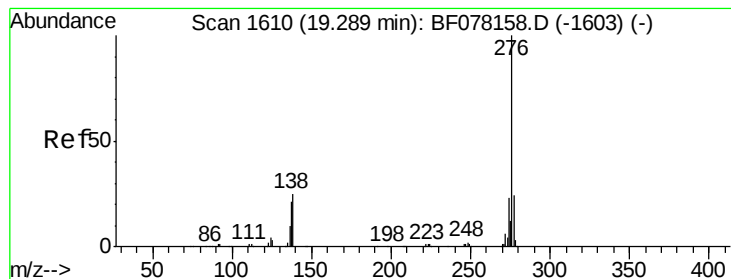
#89
Benzo(a)pyrene
Concen: 5.71 ng
RT: 17.55 min Scan# 1458
Delta R.T. 0.05 min
Lab File: BF078344.D
Acq: 8 Apr 2015 20:05

Tgt Ion:252 Resp: 51082
Ion Ratio Lower Upper
252 100
253 24.3 16.8 25.2
125 14.8 7.4 11.0#



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(a,h,i)perylene

Concen: 4.09 ng

RT: 19.31 min Scan# 1612

Delta R.T. 0.06 min

Lab File: BF078344.D

Acq: 8 Apr 2015 20:05

Instrument :

BNA_F

ClientSampleId :

SB-4S

Tot Ion:276 Resp: 36746

Ion Ratio Lower Upper

276 100

277 27.0 19.0 28.4

138 29.0 19.9 29.9

