

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078282.D
 Acq On : 7 Apr 2015 4:38
 Operator : TP/IZ
 Sample : G1775-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-014

Quant Time: Apr 07 04:25:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:11:17 2015
 Response via : Initial Calibration

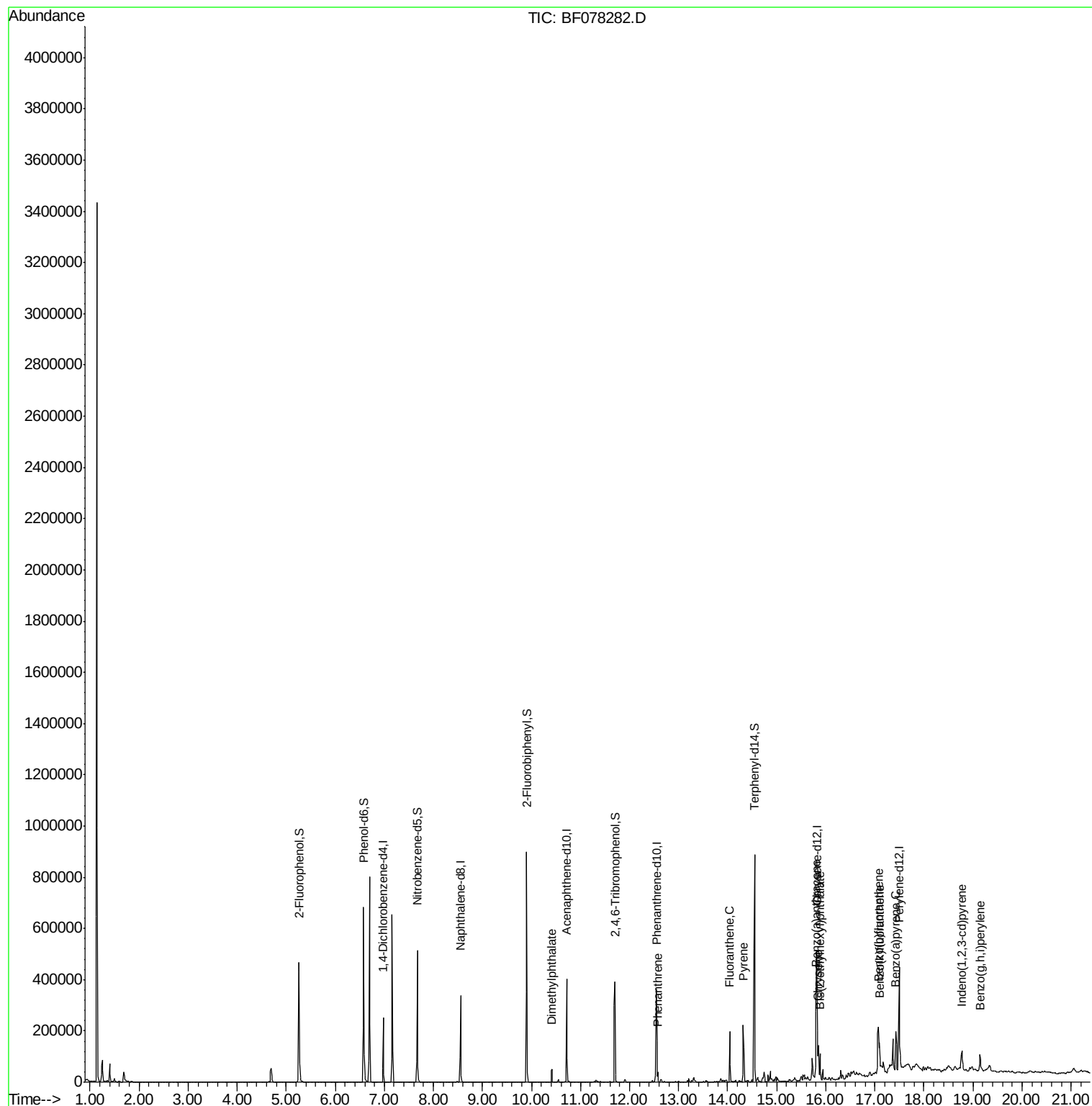
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	40793	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	165897	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	84050	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	159790	20.00	ng	0.00
75) Chrysene-d12	15.81	240	174499	20.00	ng	0.00
86) Perylene-d12	17.49	264	173338	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	212579	85.92	ng	0.01
7) Phenol-d6	6.58	99	275955	89.00	ng	0.00
23) Nitrobenzene-d5	7.68	82	162918	59.52	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	62263	89.32	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	322452	54.84	ng	0.00
78) Terphenyl-d14	14.55	244	361842	46.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.42	163	34230	5.42	ng	Qvalue # 98
70) Phenanthrene	12.58	178	19530	2.11	ng	99
74) Fluoranthene	14.04	202	93559	9.60	ng	96
77) Pyrene	14.32	202	108243	9.88	ng	# 94
80) Benzo(a)anthracene	15.80	228	85363m	8.22	ng	
82) Chrysene	15.85	228	61689	6.32	ng	97
83) Bis(2-ethylhexyl)phthalate	15.88	149	30104	4.60	ng	# 98
85) Indeno(1,2,3-cd)pyrene	18.77	276	47402	4.28	ng	# 85
87) Benzo(b)fluoranthene	17.07	252	104427m	9.75	ng	
88) Benzo(k)fluoranthene	17.09	252	37561m	3.95	ng	
89) Benzo(a)pyrene	17.43	252	77546	8.29	ng	# 90
91) Benzo(a,h,i)perylene	19.14	276	46132	4.92	ng	92

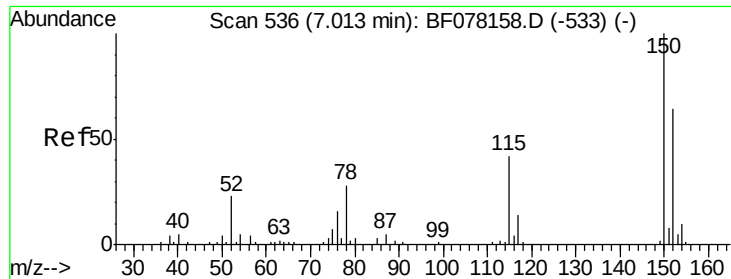
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

SW-014

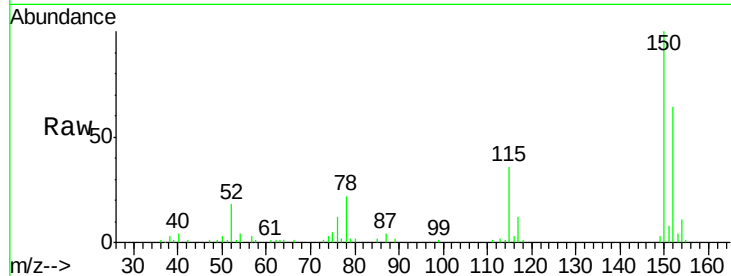
Tot Ion:152 Resp: 40793

Ion Ratio Lower Upper

152 100

150 157.3 125.9 188.9

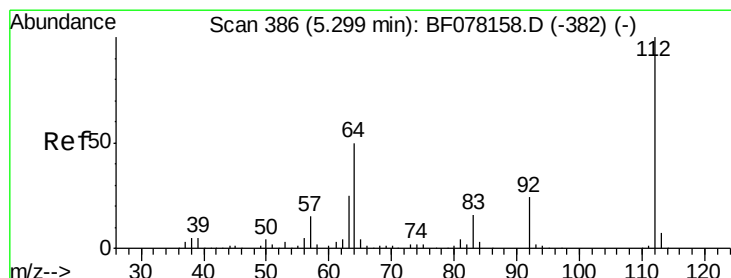
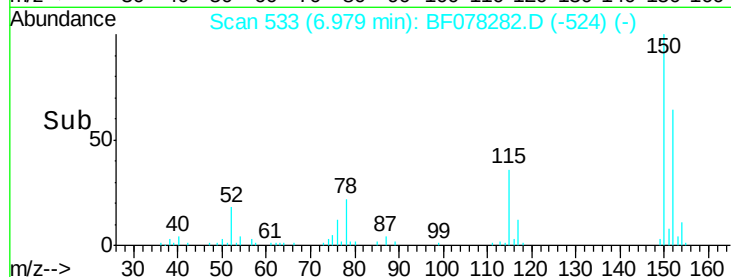
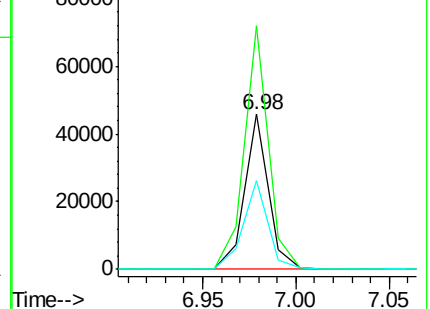
115 57.3 52.7 79.1



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: 85.92 ng

RT: 5.26 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

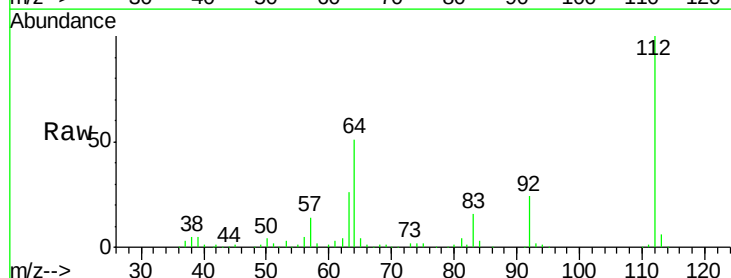
Tgt Ion:112 Resp: 212579

Ion Ratio Lower Upper

112 100

64 50.8 39.9 59.9

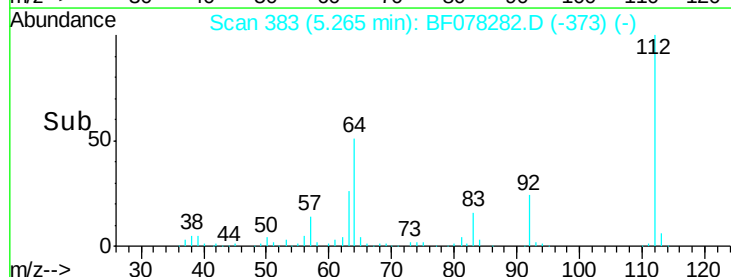
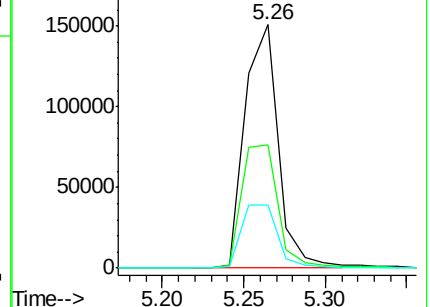
63 25.8 20.2 30.4

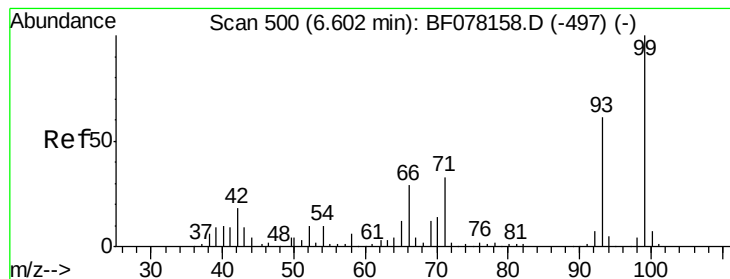


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.00 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

SW-014

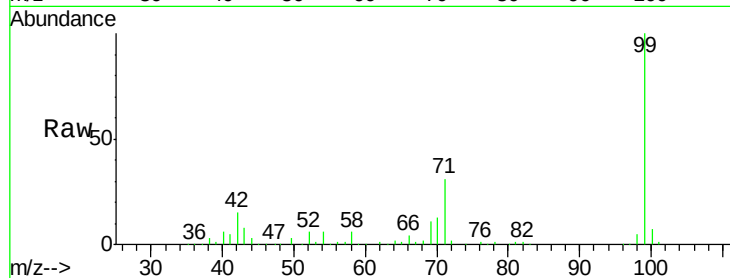
Tot Ion: 99 Resp: 275955

Ion Ratio Lower Upper

99 100

42 15.0 14.8 22.2

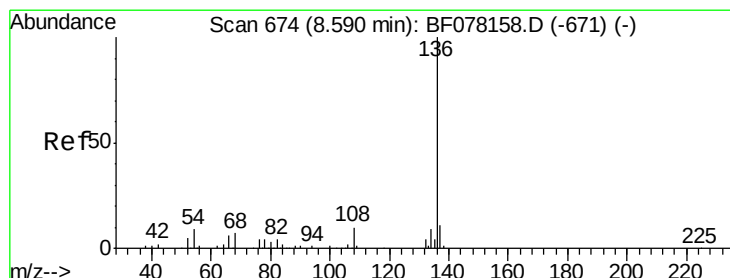
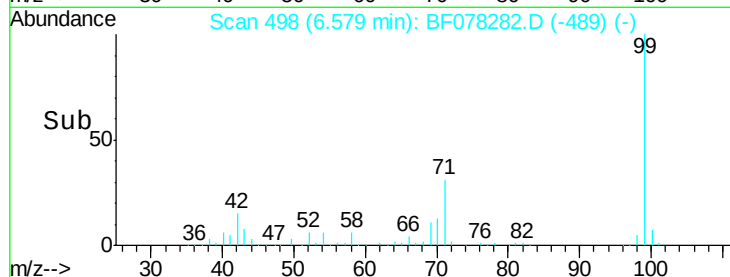
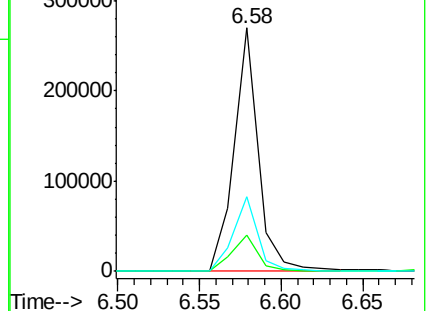
71 30.6 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078158.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078158.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

Tgt Ion: 136 Resp: 165897

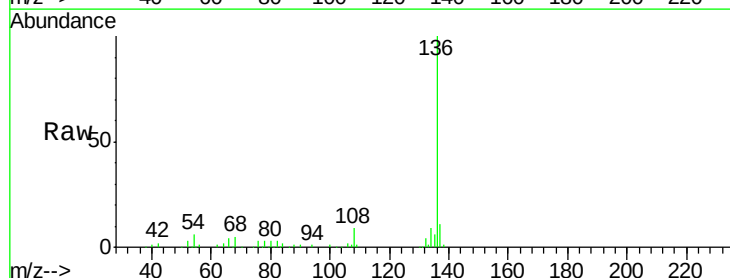
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.4 7.0 10.6#

68 5.1 5.4 8.2#

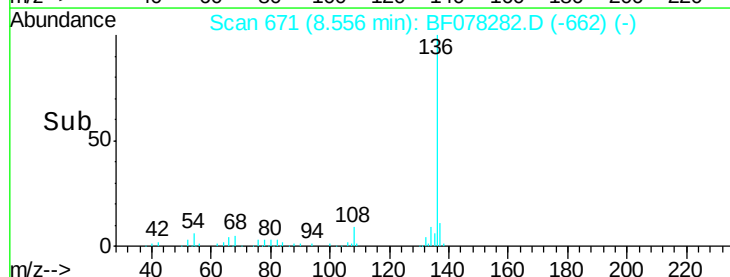
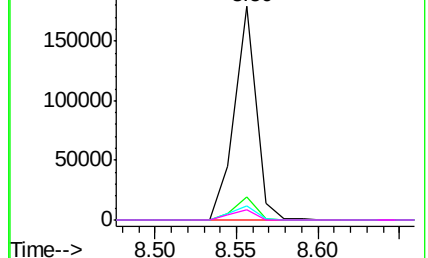


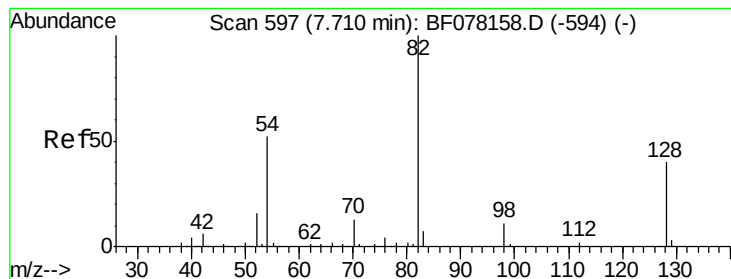
Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

Ion 137.00 (136.70 to 137.70): BF078158.D (-671) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-671) (-)

Ion 68.00 (67.70 to 68.70): BF078158.D (-671) (-)





#23

Nitrobenzene-d5

Concen: 59.52 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

Instrument :

BNA_F

ClientSampled :

SW-014

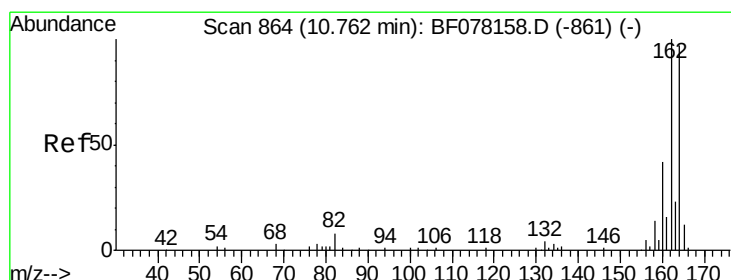
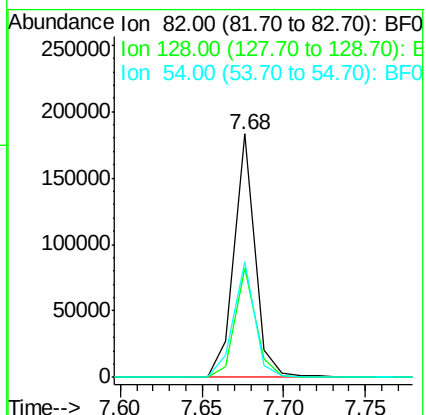
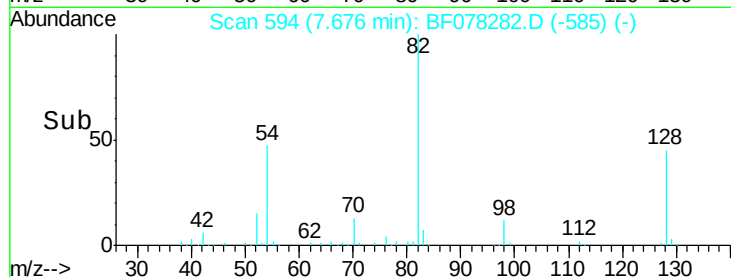
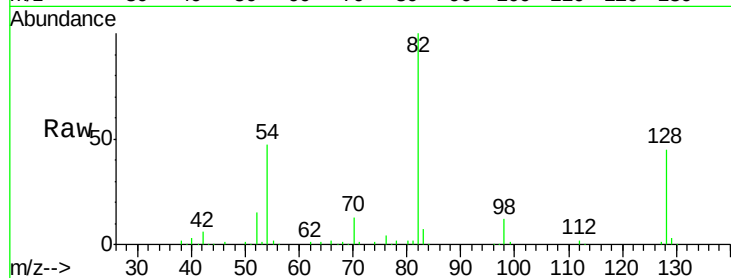
Tot Ion: 82 Resp: 162918

Ion Ratio Lower Upper

82 100

128 44.6 31.8 47.8

54 47.3 41.5 62.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

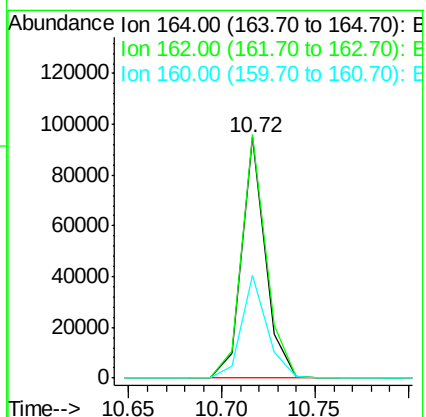
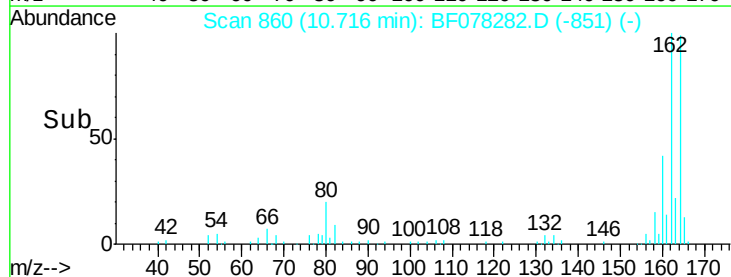
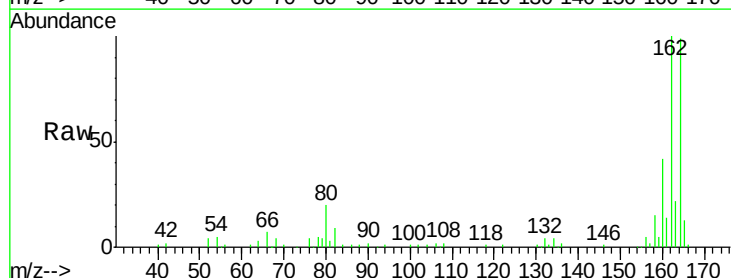
Tgt Ion: 164 Resp: 84050

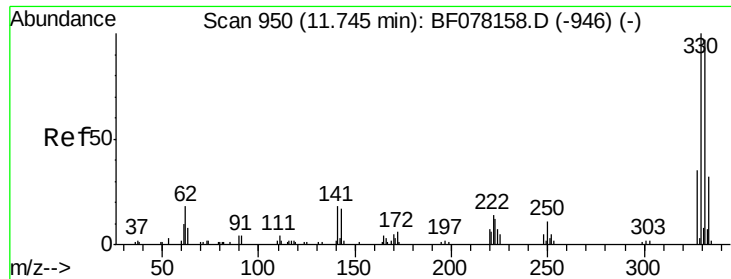
Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

160 42.8 34.7 52.1

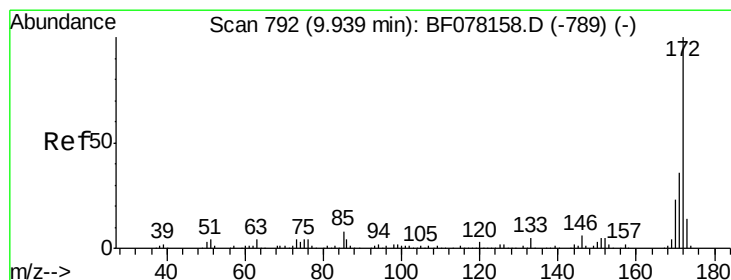
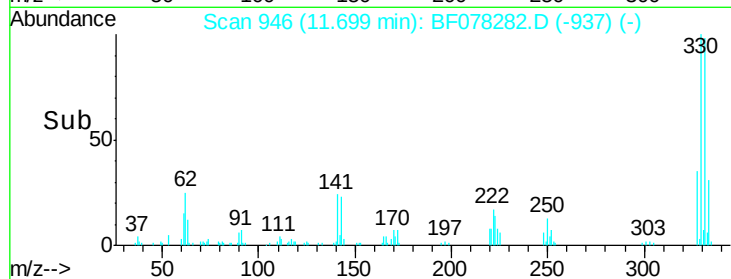
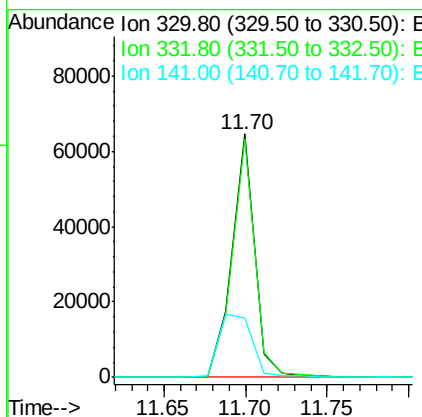
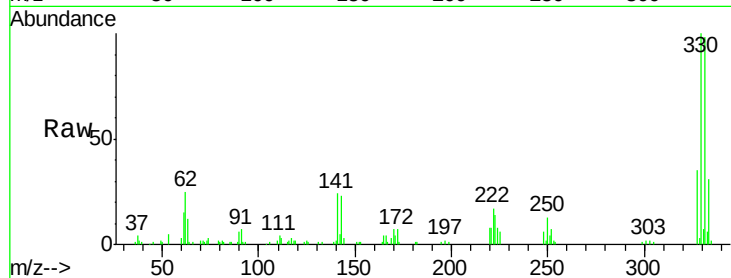




#41
 2,4,6-Tribromophenol
 Concen: 89.32 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

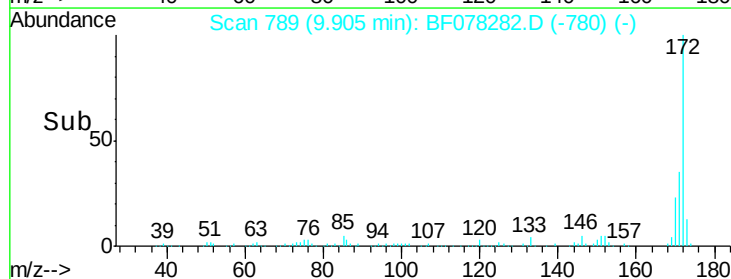
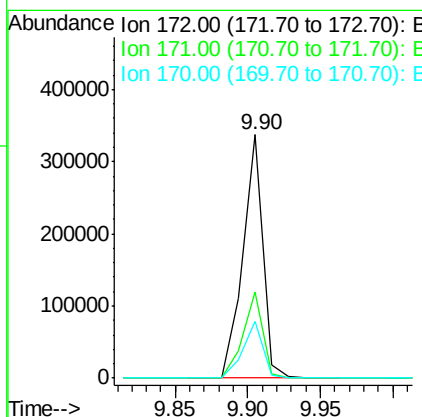
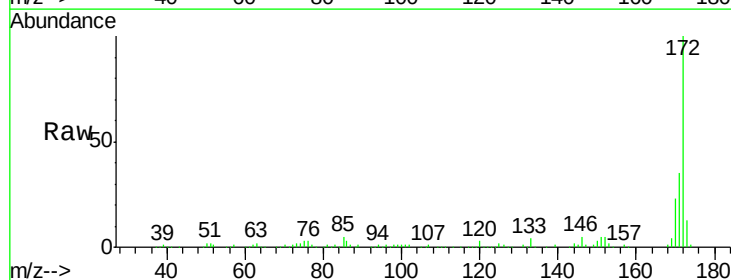
Instrument :
 BNA_F
 ClientSampleId :
 SW-014

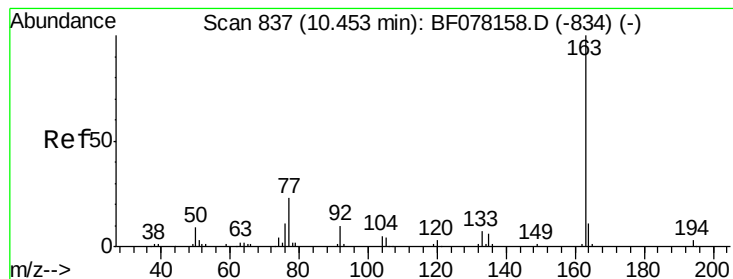
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.6	117.8
141	38.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 54.84 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.1	18.5	27.7





#49

Dimethylphthalate

Concen: 5.42 ng

RT: 10.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

Instrument :

BNA_F

ClientSampleId :

SW-014

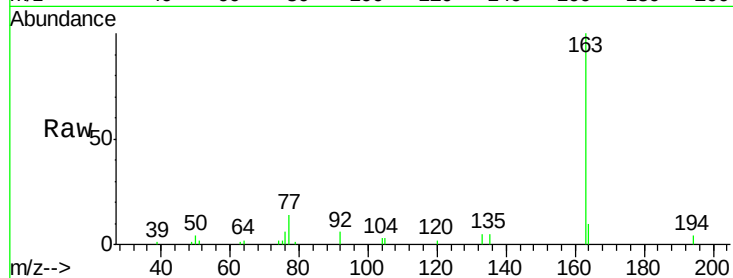
Tot Ion:163 Resp: 34230

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

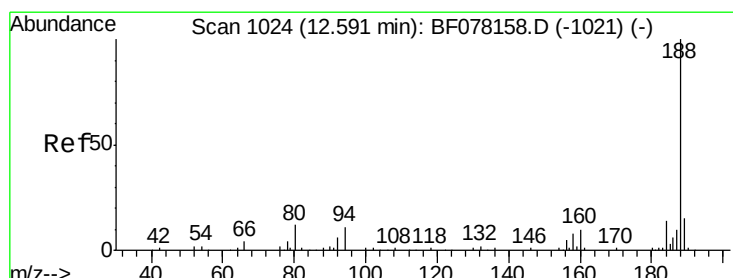
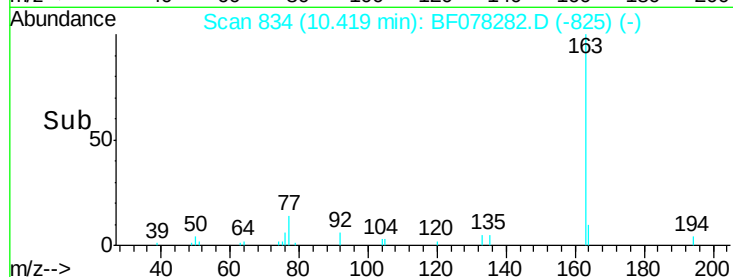
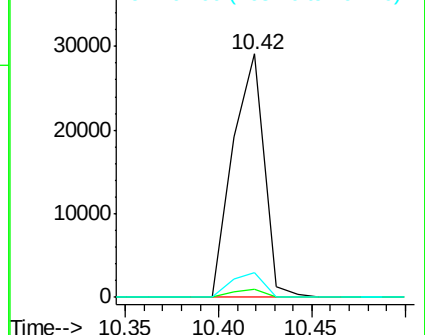
164 9.9 8.6 13.0



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: 12.55 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF078282.D

Acq: 7 Apr 2015 4:38

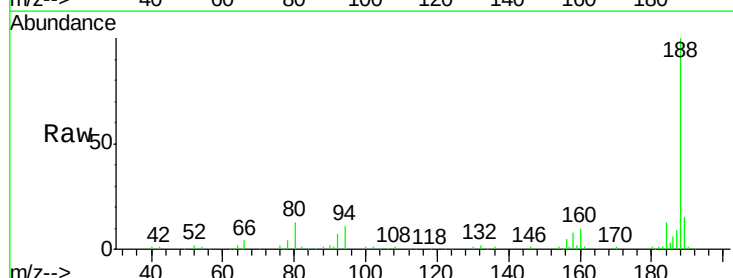
Tgt Ion:188 Resp: 159790

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

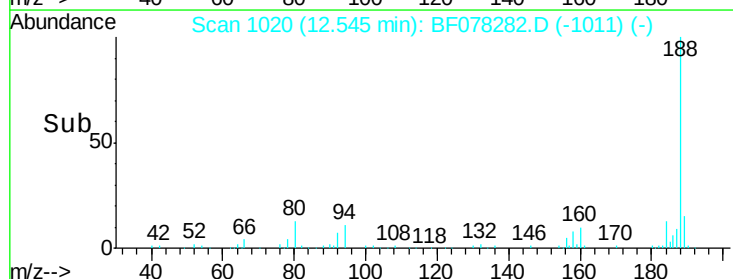
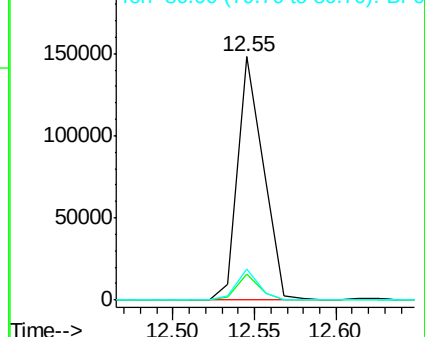
80 12.7 9.5 14.3

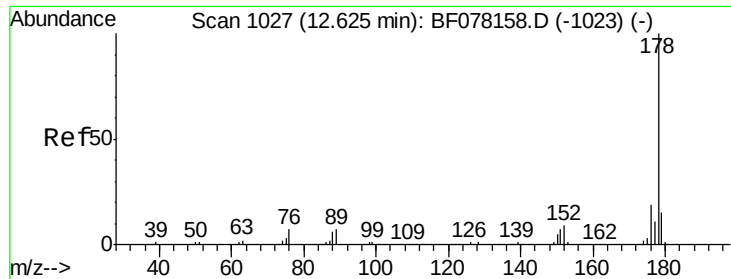


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

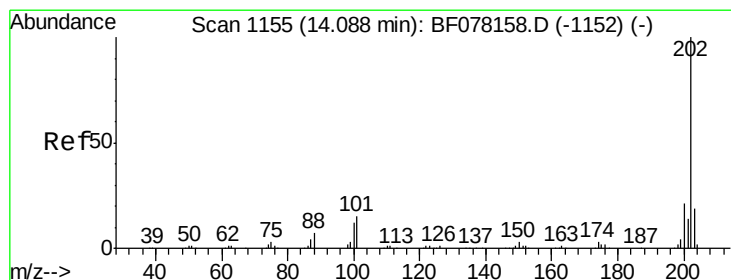
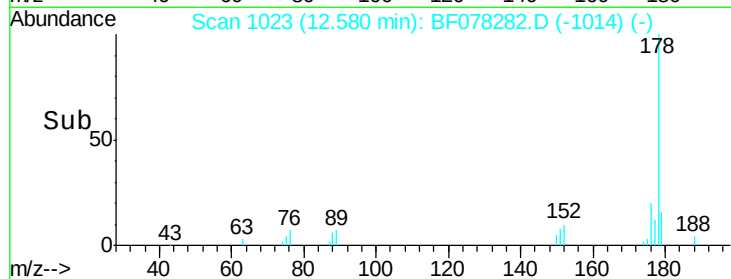
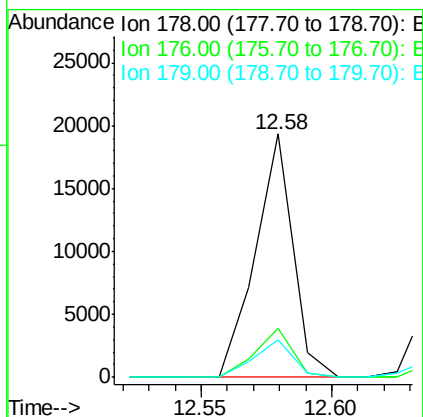
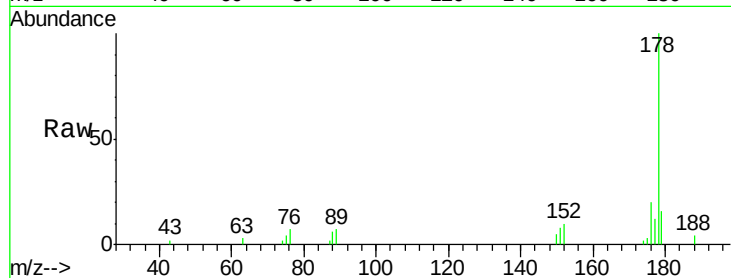




#70
Phenanthrene
Concen: 2.11 ng
RT: 12.58 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

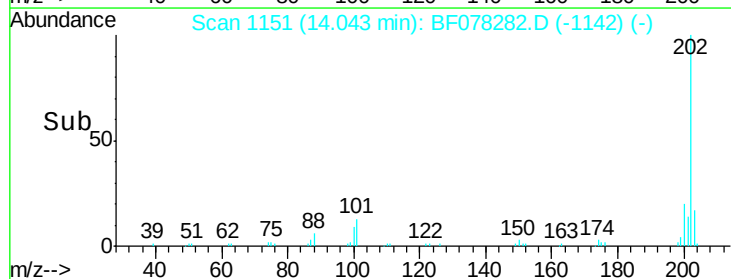
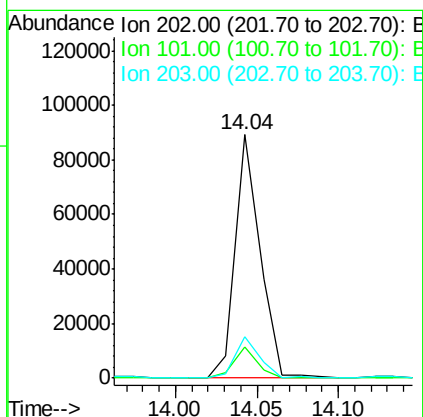
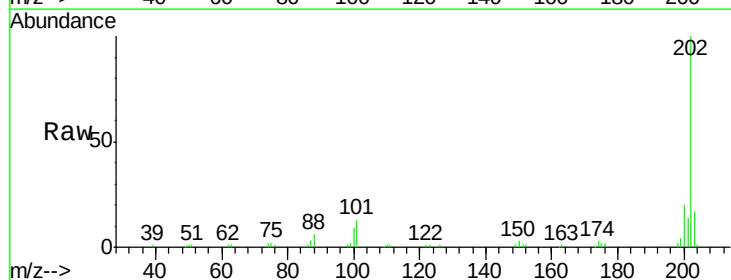
Instrument :
BNA_F
ClientSampled :
SW-014

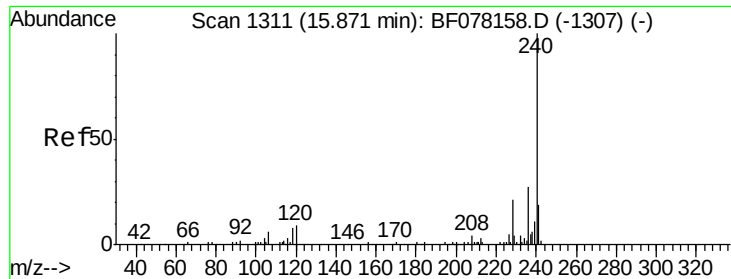
Tot Ion:178 Resp: 19530
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 15.6 12.2 18.2



#74
Fluoranthene
Concen: 9.60 ng
RT: 14.04 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Tgt Ion:202 Resp: 93559
Ion Ratio Lower Upper
202 100
101 12.9 0.0 35.2
203 17.1 0.0 38.5

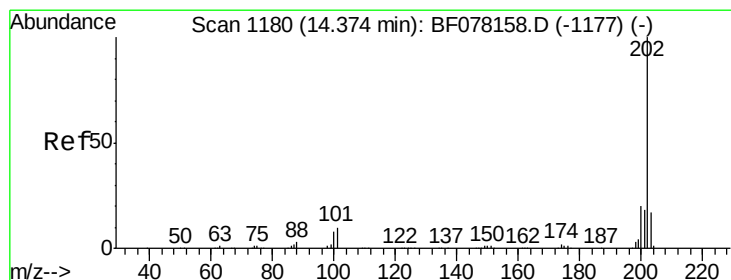
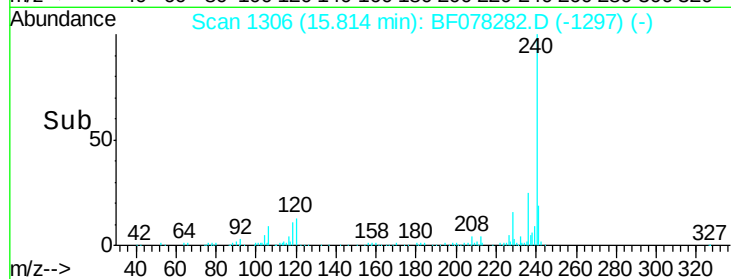
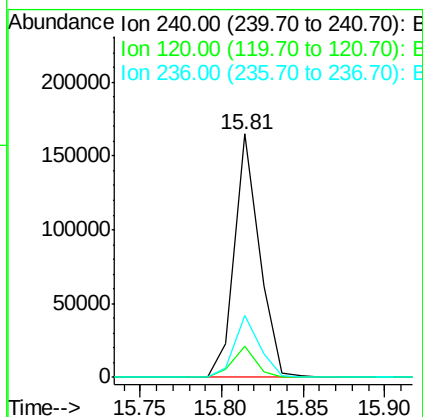
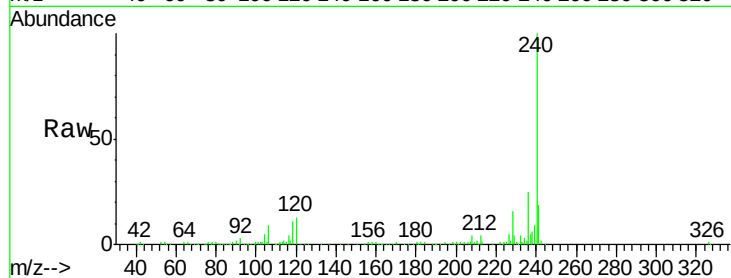




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

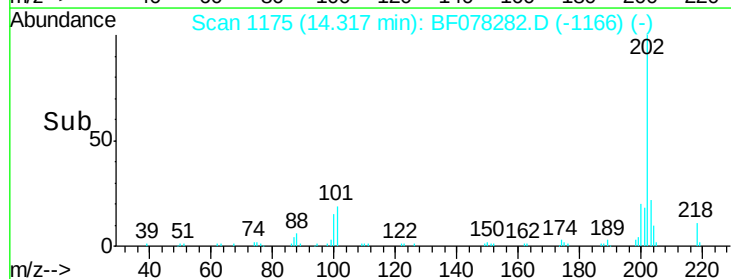
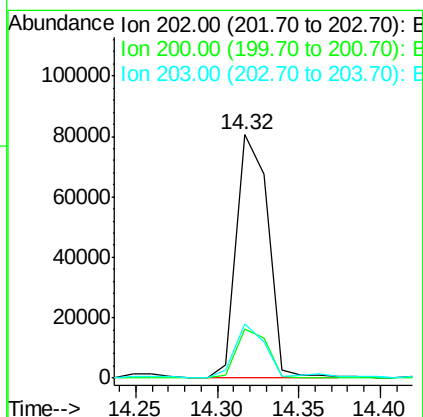
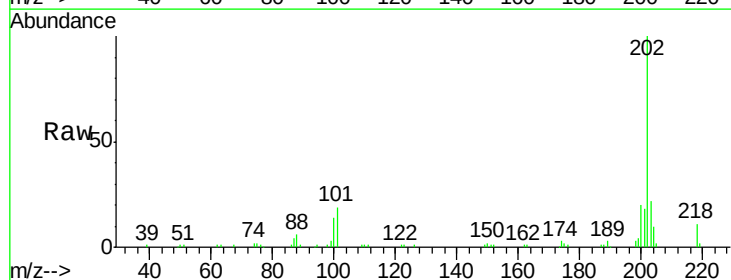
Instrument :
BNA_F
ClientSampleId :
SW-014

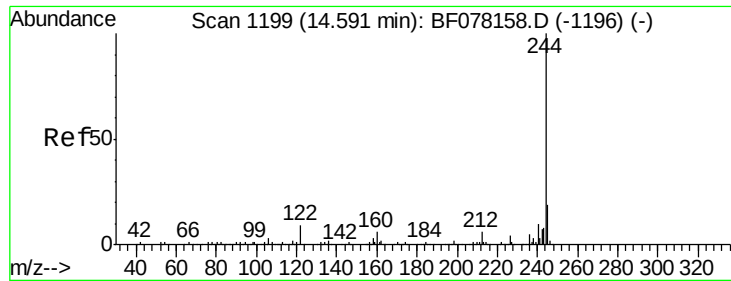
Tot Ion:240 Resp: 174499
Ion Ratio Lower Upper
240 100
120 12.6 7.1 10.7#
236 25.3 21.4 32.2



#77
Pyrene
Concen: 9.88 ng
RT: 14.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Tgt Ion:202 Resp: 108243
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 22.4 13.8 20.6#

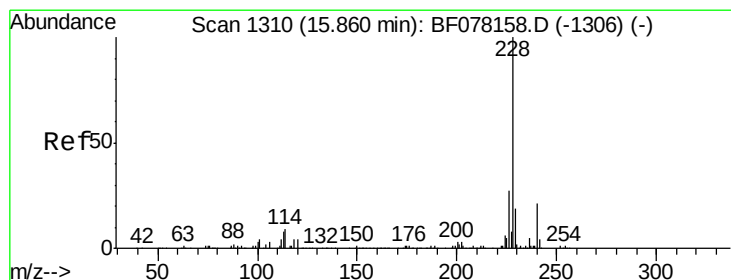
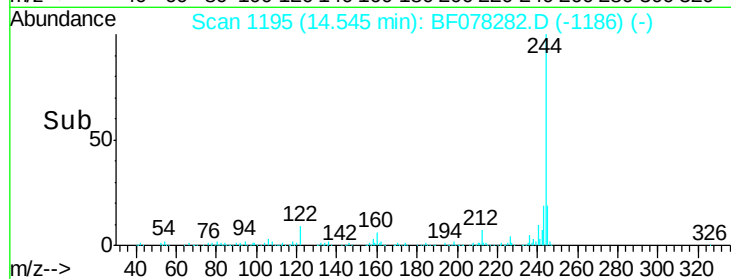
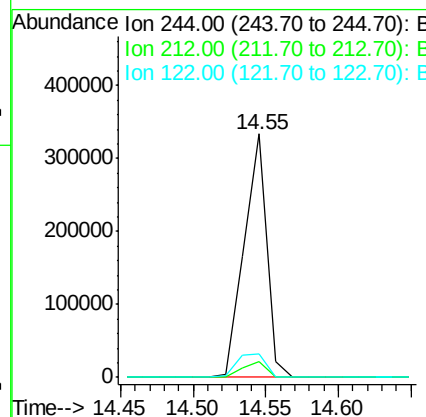
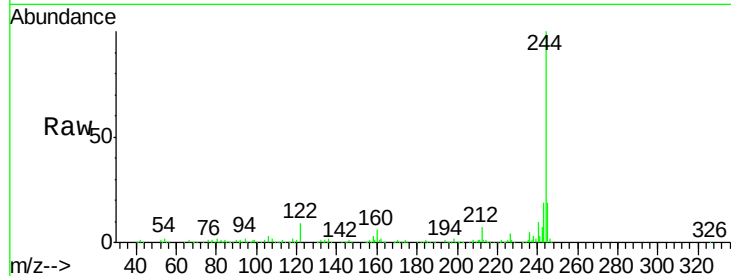




#78
 Terphenyl-d14
 Concen: 46.86 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

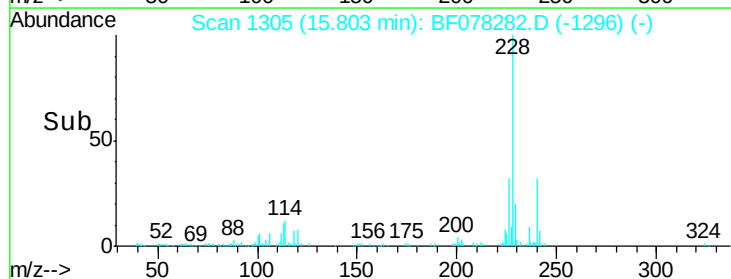
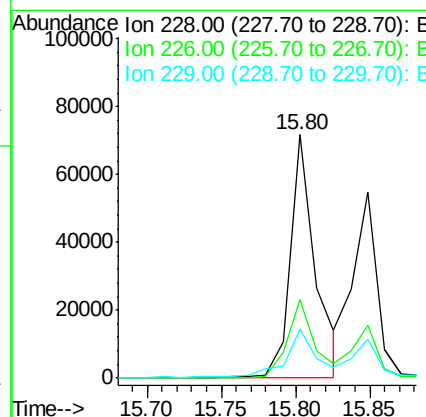
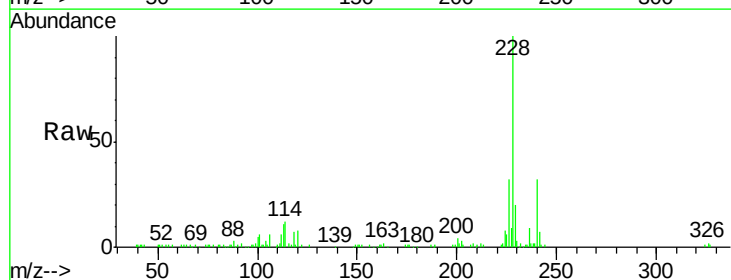
Instrument :
 BNA_F
 ClientSampleId :
 SW-014

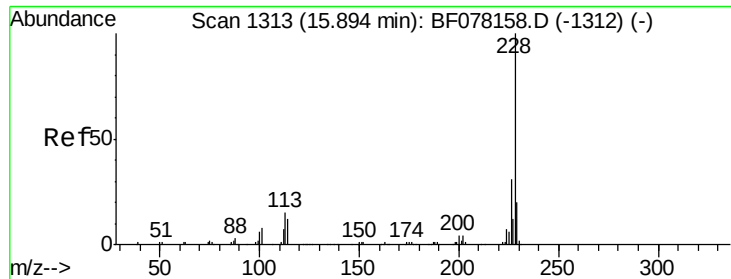
Tot Ion:244 Resp: 361842
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 9.5 7.1 10.7



#80
 Benzo(a)anthracene
 Concen: 8.22 ng m
 RT: 15.80 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF078282.D
 Acq: 7 Apr 2015 4:38

Tgt Ion:228 Resp: 85363
 Ion Ratio Lower Upper
 228 100
 226 32.2 21.3 31.9#
 229 20.3 15.4 23.2

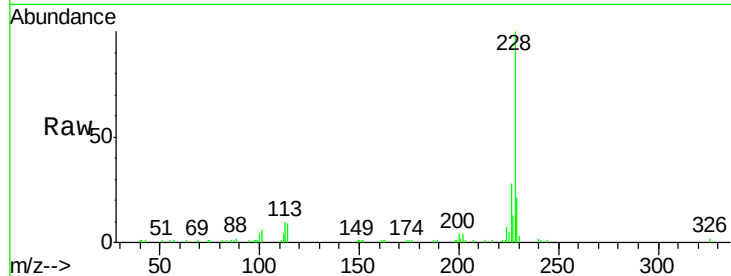




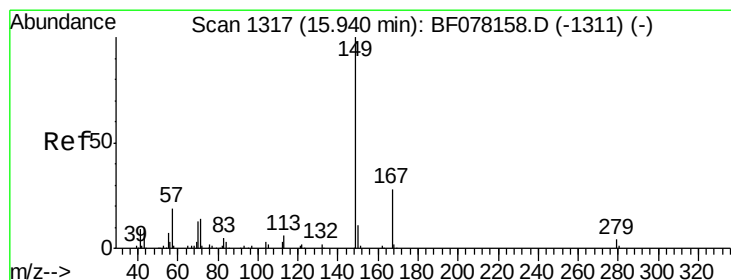
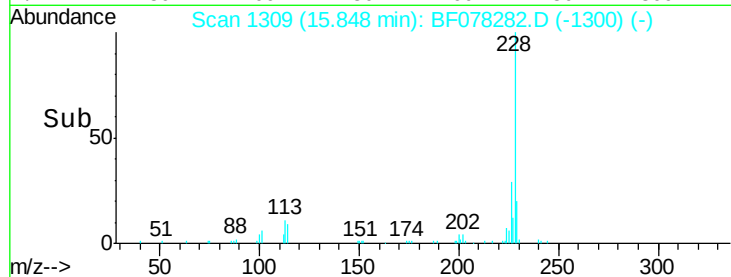
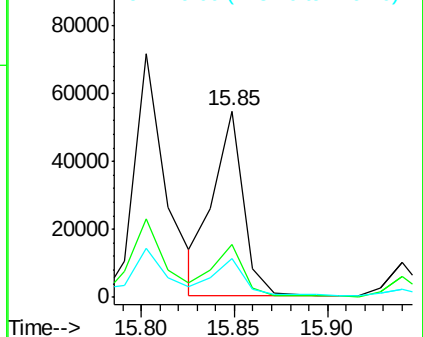
#82
Chrysene
Concen: 6.32 ng
RT: 15.85 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Instrument :
BNA_F
ClientSampleId :
SW-014

Tot Ion:228 Resp: 61689
Ion Ratio Lower Upper
228 100
226 28.5 24.2 36.4
229 20.6 15.8 23.8

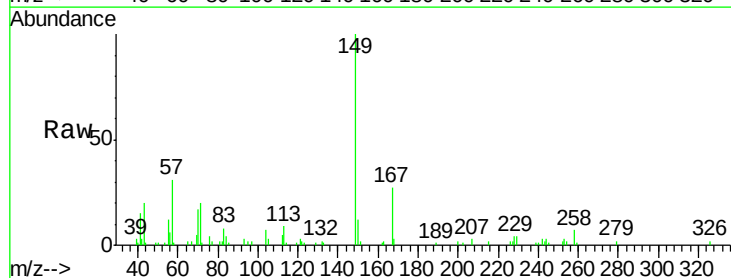


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

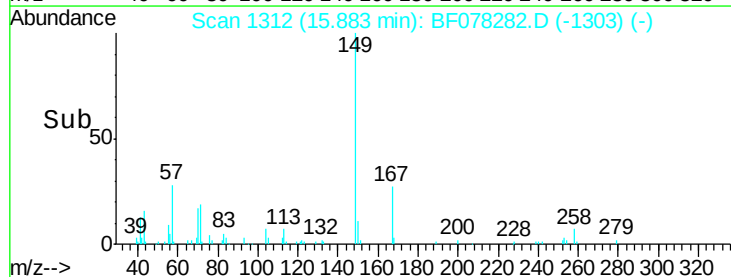
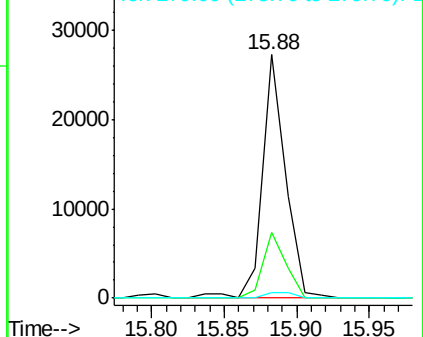


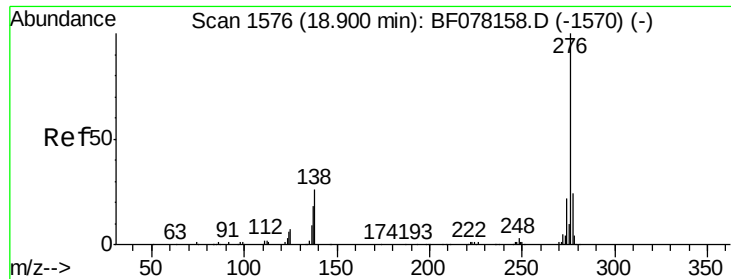
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.60 ng
RT: 15.88 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Tgt Ion:149 Resp: 30104
Ion Ratio Lower Upper
149 100
167 26.9 22.2 33.2
279 2.3 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

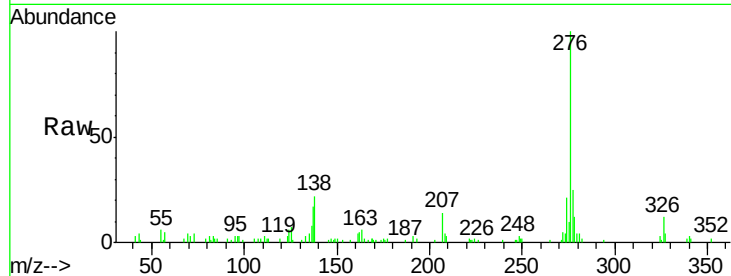




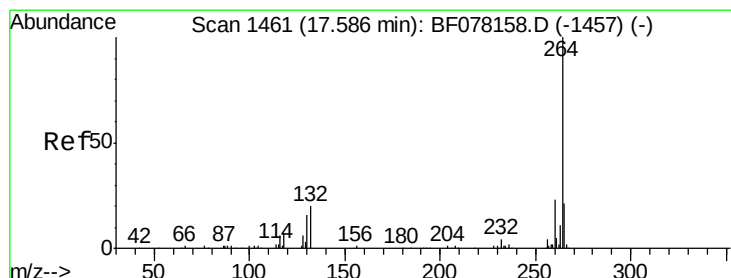
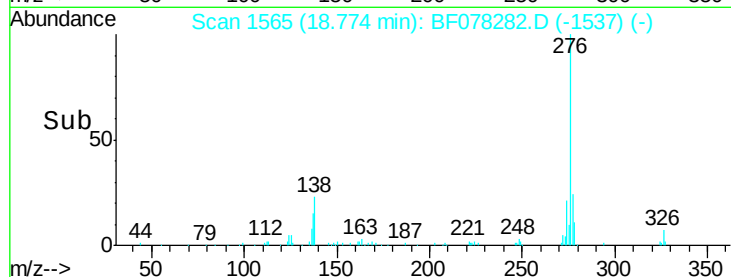
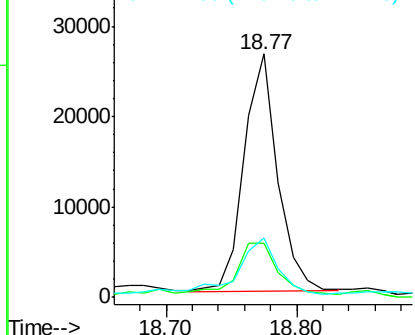
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.28 ng
RT: 18.77 min Scan# 1565
Delta R.T. 0.02 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Instrument :
BNA_F
ClientSampleId :
SW-014

Tot Ion:276 Resp: 47402
Ion Ratio Lower Upper
276 100
138 27.8 16.9 25.3#
277 27.3 15.8 23.6#

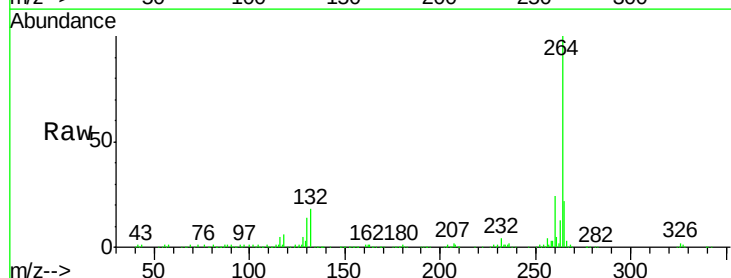


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

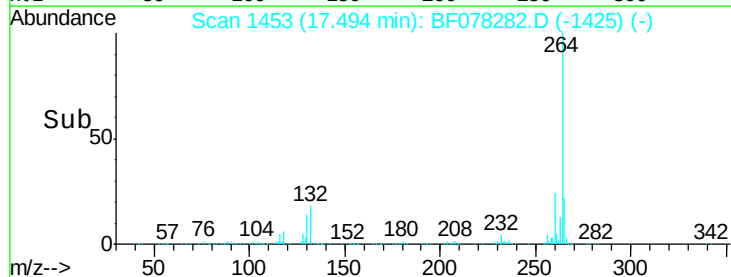
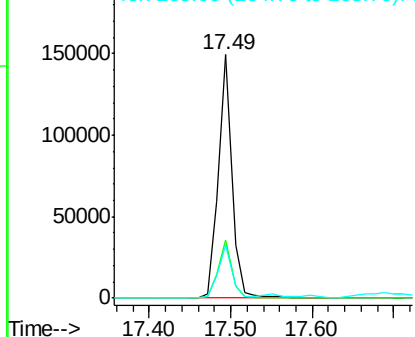


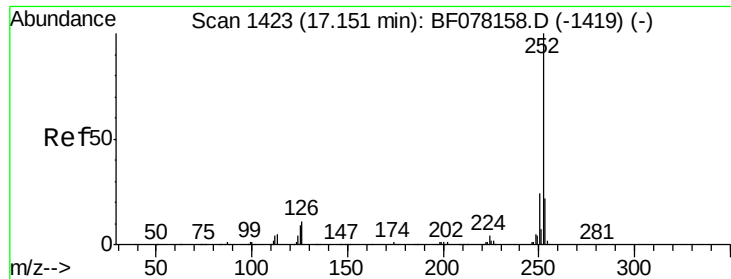
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.49 min Scan# 1453
Delta R.T. 0.02 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Tgt Ion:264 Resp: 173338
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 21.7 17.0 25.6



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

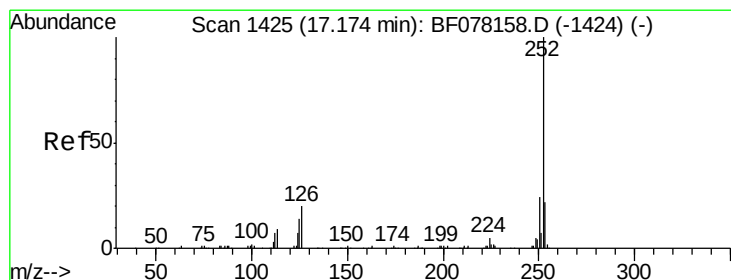
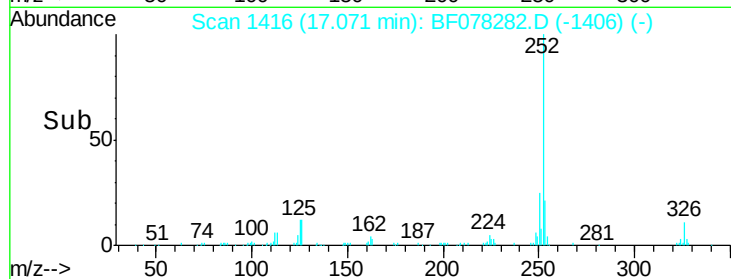
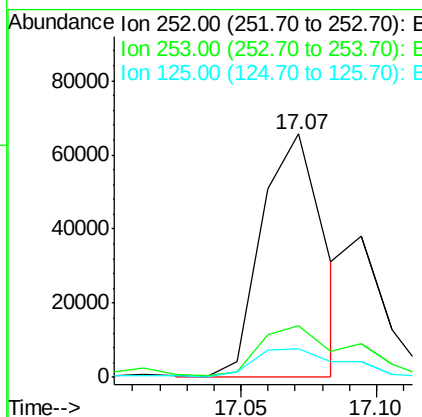
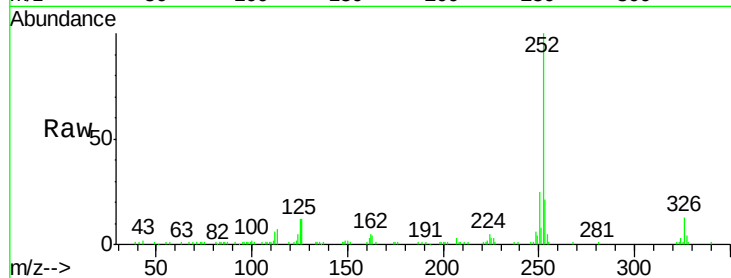




#87
Benzo(b)fluoranthene
Concen: 9.75 ng m
RT: 17.07 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

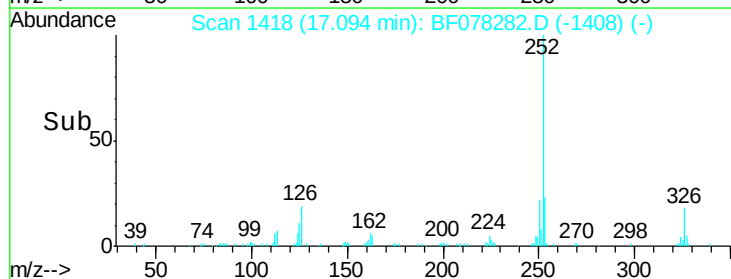
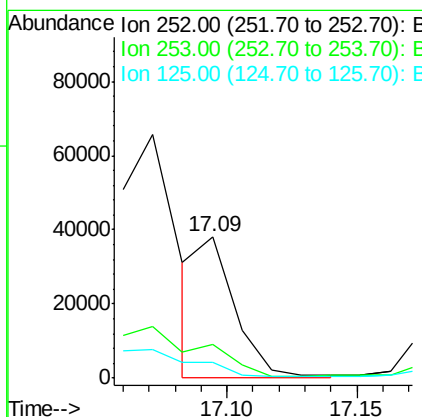
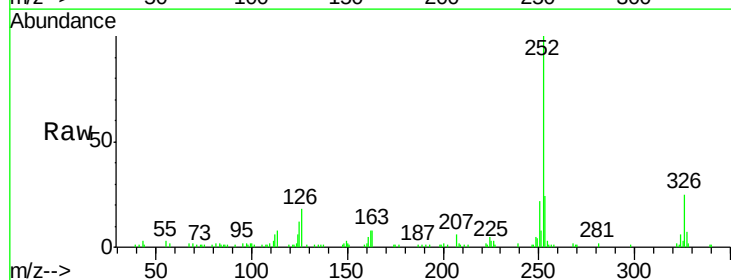
Instrument :
BNA_F
ClientSampleId :
SW-014

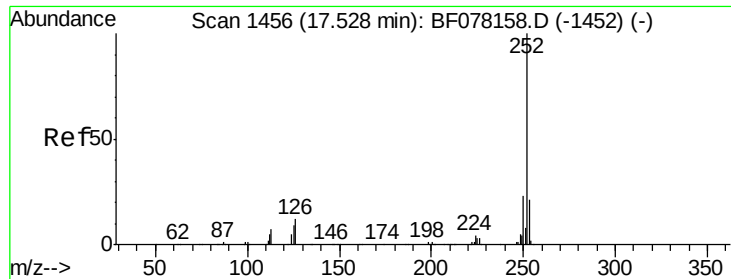
Tot Ion:252 Resp: 104427
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 11.7 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 3.95 ng m
RT: 17.09 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Tgt Ion:252 Resp: 37561
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 11.6 11.6 17.4#

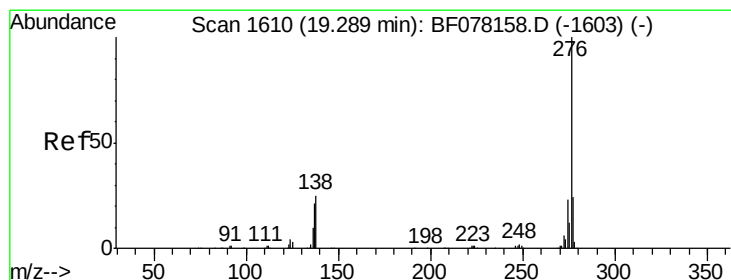
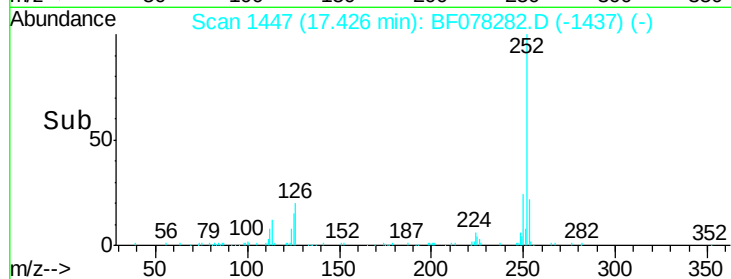
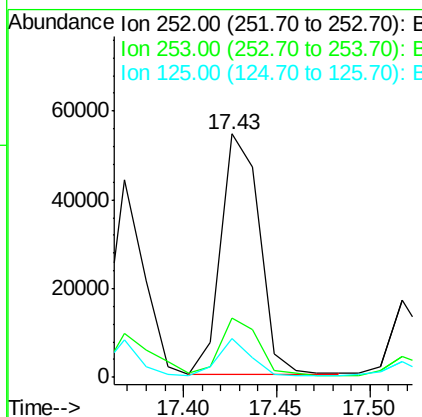
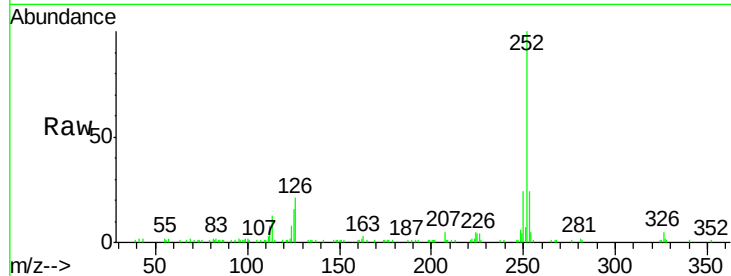




#89
Benzo(a)pyrene
Concen: 8.29 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Instrument :
BNA_F
ClientSampleId :
SW-014

Tot Ion:252 Resp: 77546
Ion Ratio Lower Upper
252 100
253 24.1 16.8 25.2
125 15.9 7.4 11.0#



#91
Benzo(g,h,i)perylene
Concen: 4.92 ng
RT: 19.14 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF078282.D
Acq: 7 Apr 2015 4:38

Tgt Ion:276 Resp: 46132
Ion Ratio Lower Upper
276 100
277 26.9 19.0 28.4
138 29.2 19.9 29.9

