

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
 Data File : BF078322.D
 Acq On : 8 Apr 2015 5:06
 Operator : TP/IZ
 Sample : G1783-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-1

Quant Time: Apr 08 05:44:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

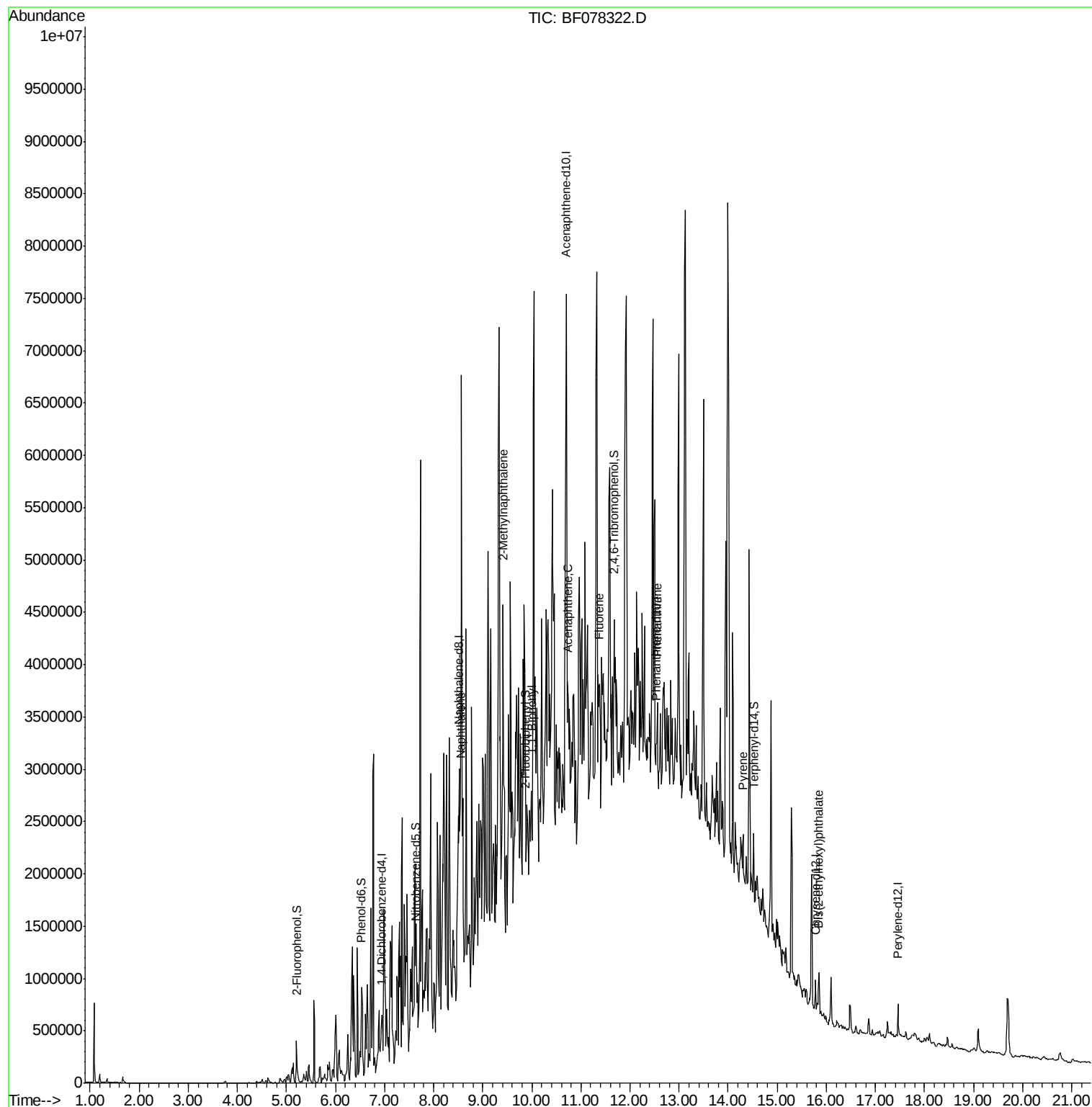
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	34197	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	114607	20.00	ng	0.01
38) Acenaphthene-d10	10.69	164	37130	20.00	ng	0.02
63) Phenanthrene-d10	12.53	188	104541	20.00	ng	0.03
75) Chrysene-d12	15.78	240	136937	20.00	ng	0.01
86) Perylene-d12	17.46	264	140241	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	156741	75.57	ng	0.01
7) Phenol-d6	6.53	99	209872	80.74	ng	0.01
23) Nitrobenzene-d5	7.63	82	196907	104.14	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	35487	115.24	ng	0.02
44) 2-Fluorobiphenyl	9.87	172	251616	96.87	ng	0.01
78) Terphenyl-d14	14.52	244	297865	49.15	ng	0.02
Target Compounds						Qvalue
31) Naphthalene	8.54	128	476938	79.95	ng	98
37) 2-Methylnaphthalene	9.41	142	828399	204.55	ng	# 94
45) 1,1'-Biphenyl	10.00	154	159692	52.58	ng	97
51) Acenaphthene	10.74	154	79910	36.78	ng	# 91
57) Fluorene	11.38	166	142840	53.11	ng	# 78
70) Phenanthrene	12.56	178	383633	63.44	ng	# 95
77) Pyrene	14.31	202	127147	14.79	ng	# 93
83) Bis(2-ethylhexyl)phthalate	15.85	149	127748	24.86	ng	99

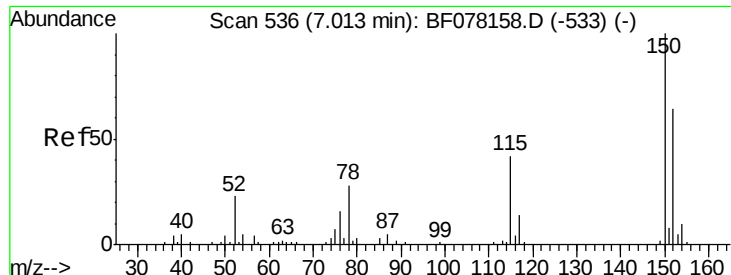
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078322.D
Acq On : 8 Apr 2015 5:06
Operator : TP/IZ
Sample : G1783-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FD-1

Quant Time: Apr 08 05:44:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 03:14:41 2015
Response via : Initial Calibration



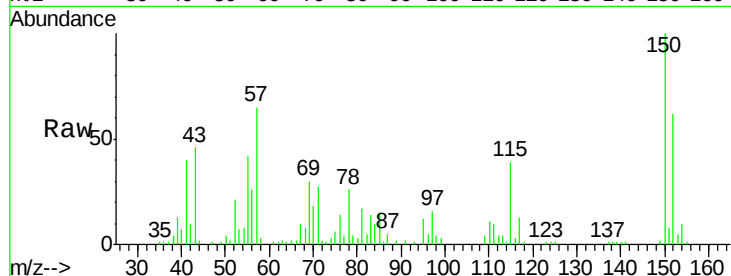


#1

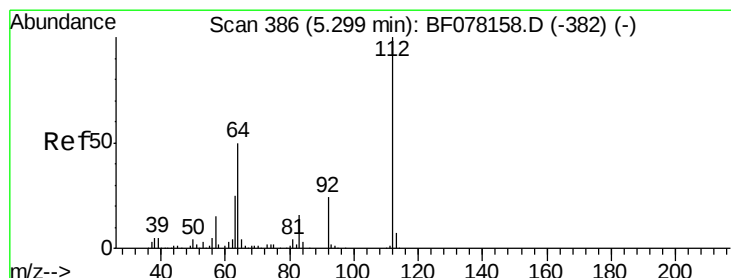
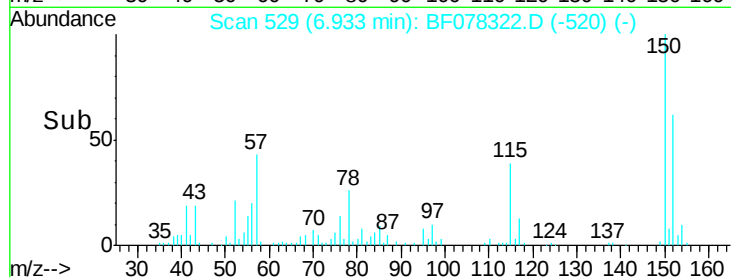
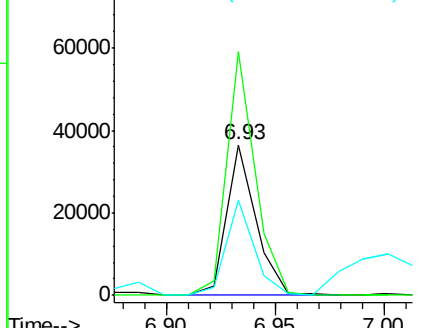
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Instrument :
BNA_F
ClientSampleId :
FD-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	125.9	188.9
115	63.5	52.7	79.1



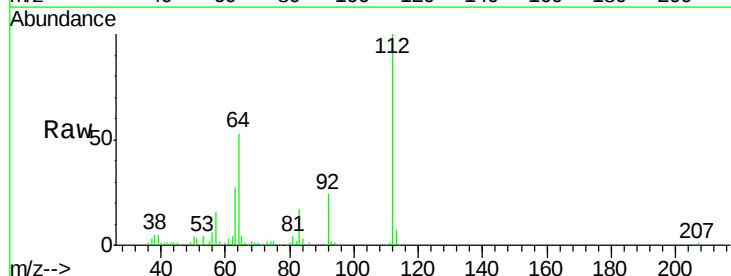
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



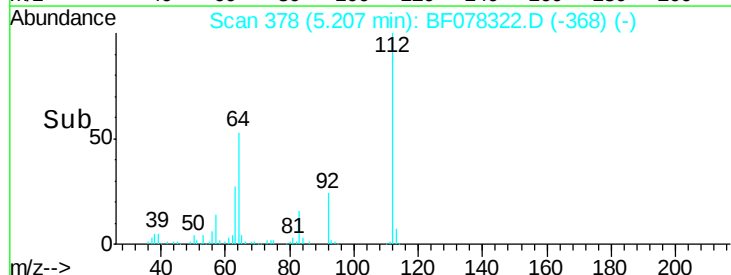
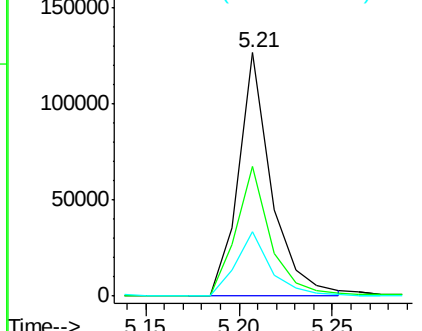
#5

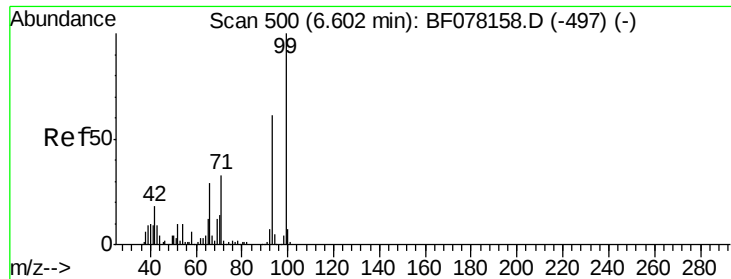
2-Fluorophenol
Concen: 75.57 ng
RT: 5.21 min Scan# 378
Delta R.T. 0.01 min
Lab File: BF078322.D
Acq: 8 Apr 2015 5:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	39.9	59.9
63	26.7	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: 80.74 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampled :

FD-1

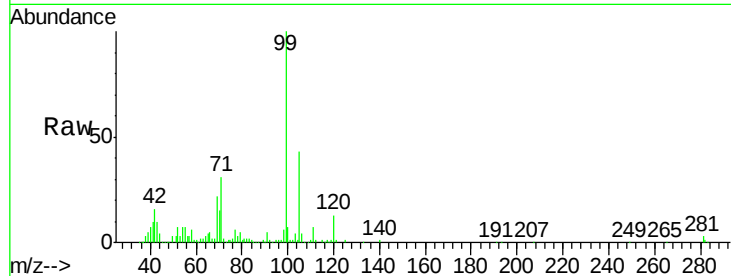
Tot Ion: 99 Resp: 209872

Ion Ratio Lower Upper

99 100

42 16.3 14.8 22.2

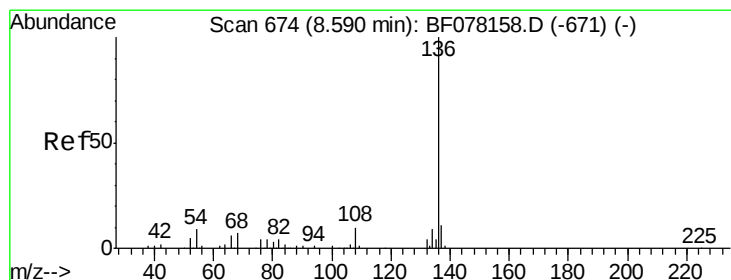
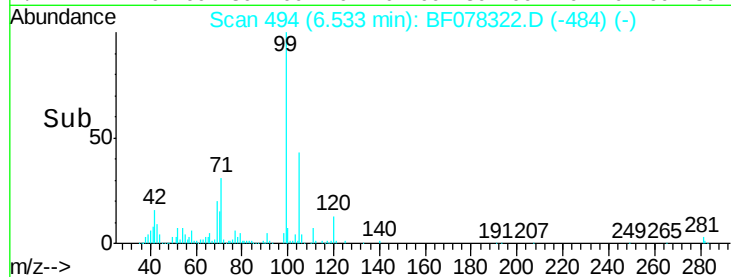
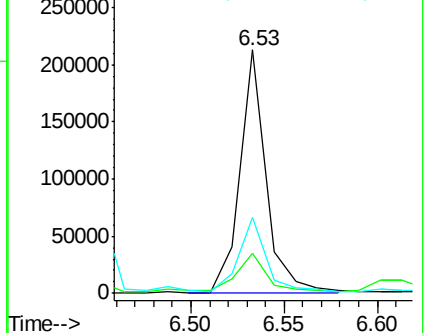
71 31.3 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Tgt Ion: 136 Resp: 114607

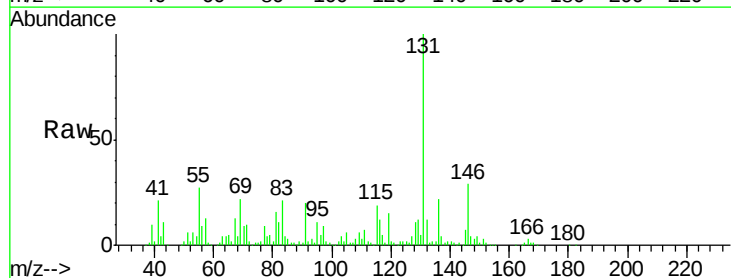
Ion Ratio Lower Upper

136 100

137 16.0 9.0 13.4#

54 19.8 7.0 10.6#

68 20.1 5.4 8.2#

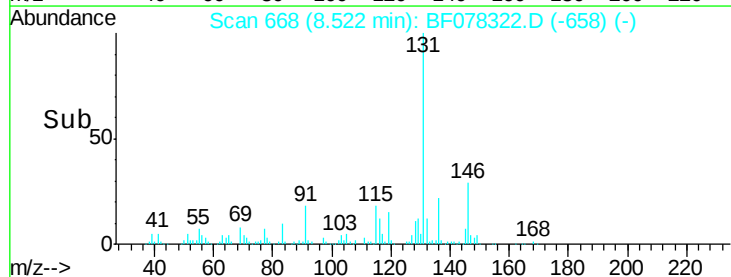
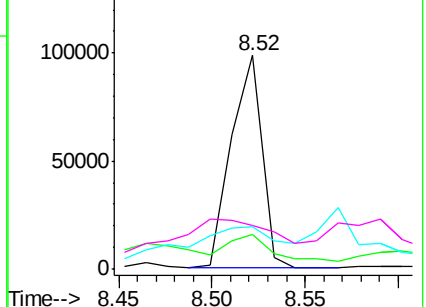


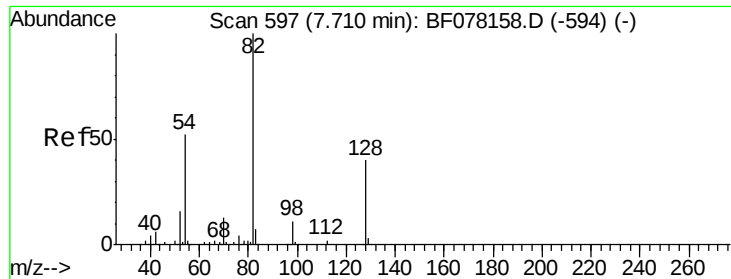
Abundance Ion 136.00 (135.70 to 136.70): E

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

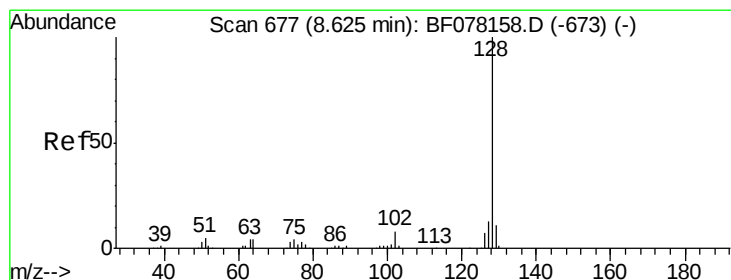
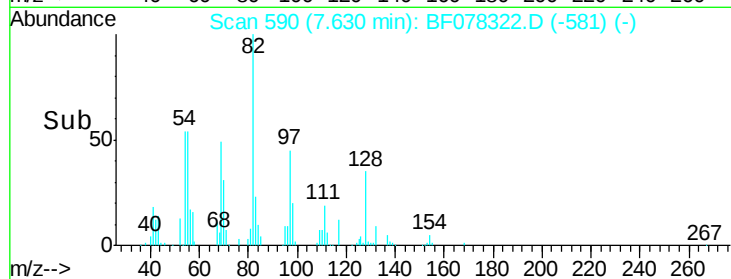
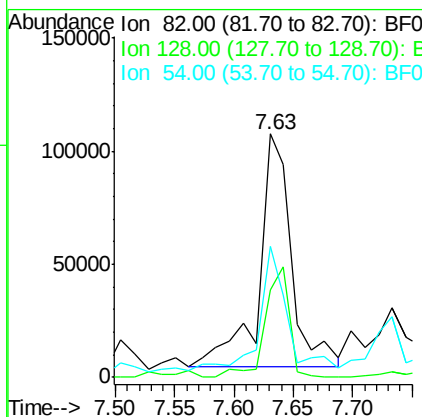
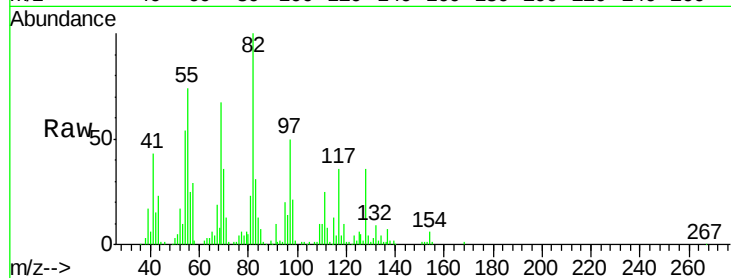




#23
 Nitrobenzene-d5
 Concen: 104.14 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

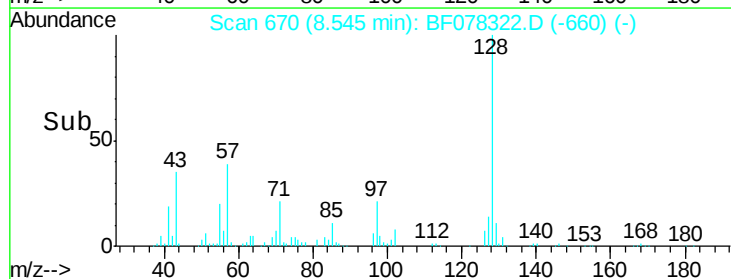
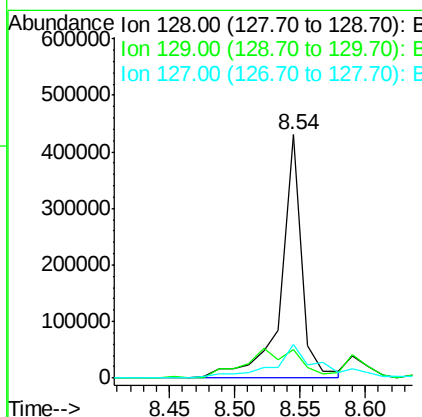
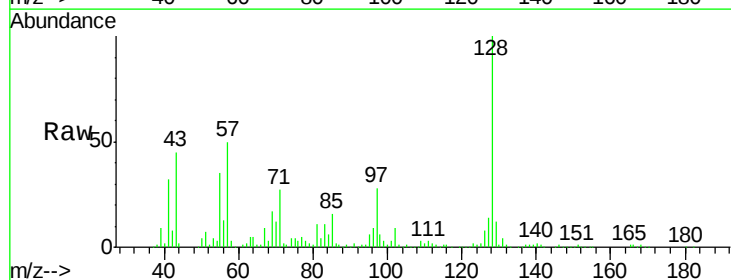
Instrument :
 BNA_F
 ClientSampleID :
 FD-1

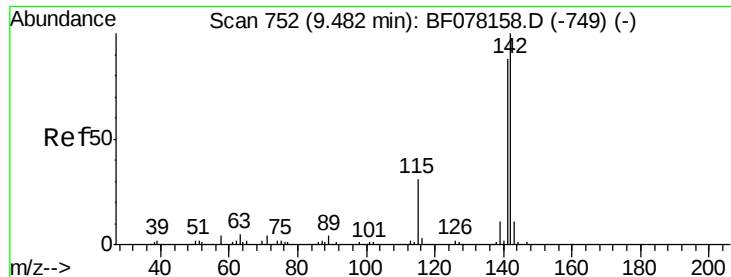
Tot Ion	82	Resp	196907
Ion Ratio	Lower	Upper	
82	100		
128	35.8	31.8	47.8
54	53.9	41.5	62.3



#31
 Naphthalene
 Concen: 79.95 ng
 RT: 8.54 min Scan# 670
 Delta R.T. 0.01 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

Tgt Ion	128	Resp	476938
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.6	12.8
127	14.0	10.7	16.1

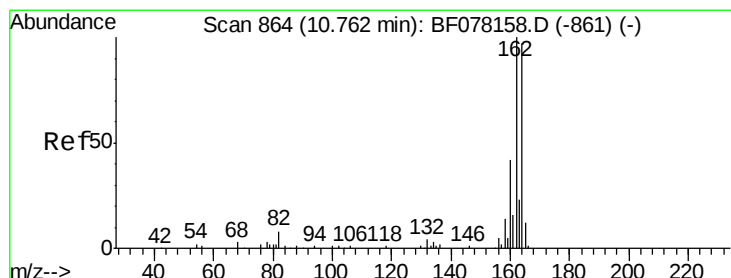
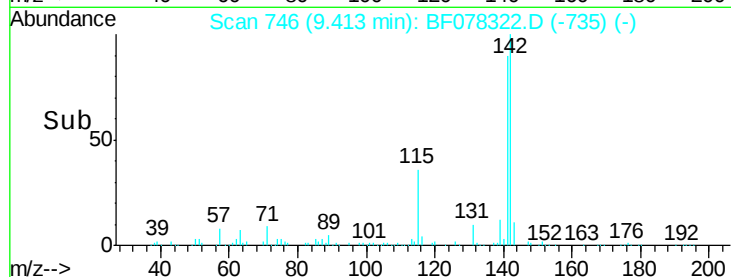
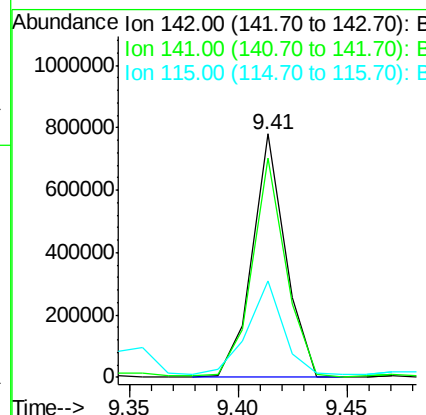
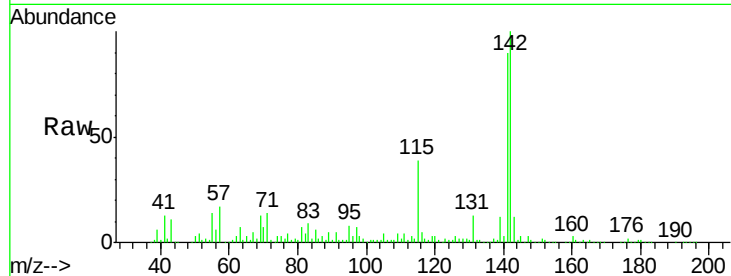




#37
 2-Methylnaphthalene
 Concen: 204.55 ng
 RT: 9.41 min Scan# 746
 Delta R.T. 0.02 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

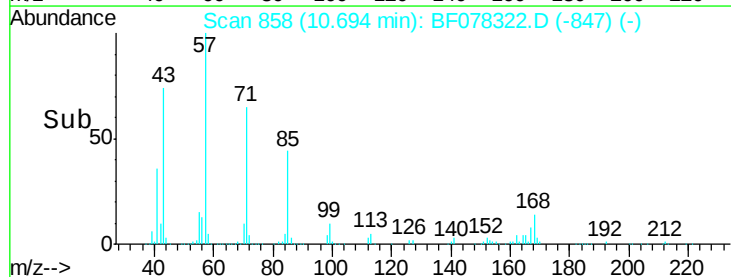
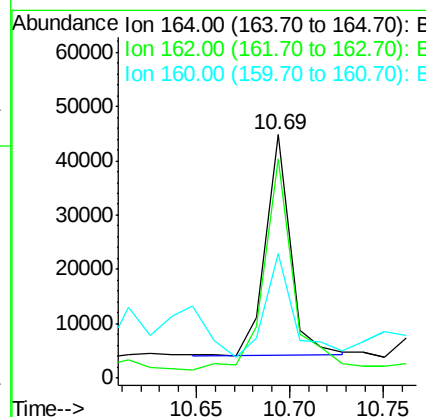
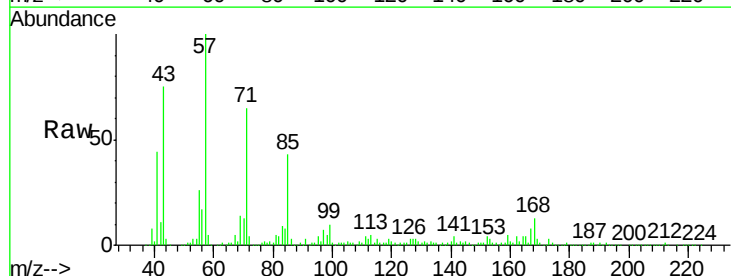
Instrument :
 BNA_F
 ClientSampled :
 FD-1

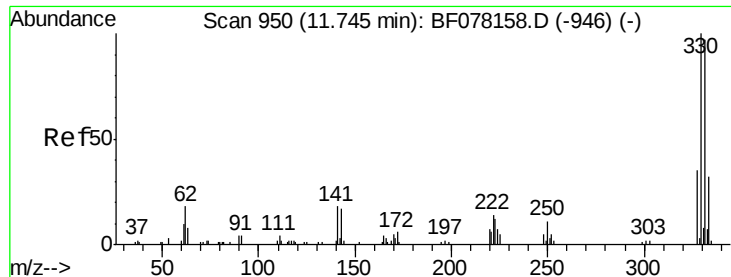
Tot Ion:142 Resp: 828399
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.3 105.5
 115 39.5 24.6 37.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.69 min Scan# 858
 Delta R.T. 0.02 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

Tgt Ion:164 Resp: 37130
 Ion Ratio Lower Upper
 164 100
 162 90.3 82.2 123.2
 160 51.0 34.7 52.1

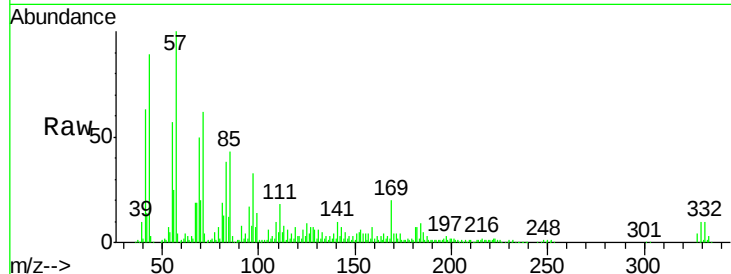




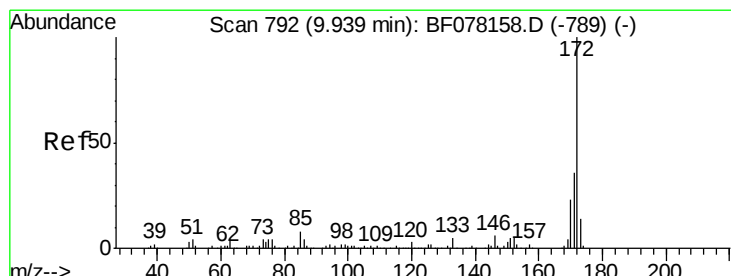
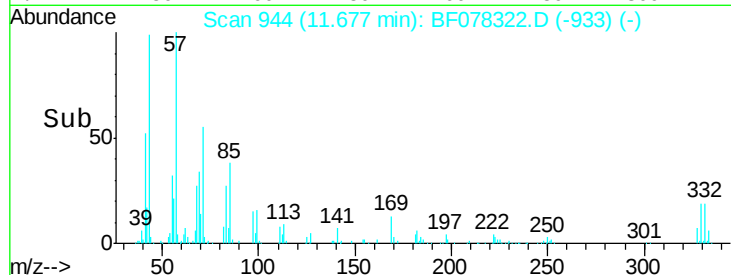
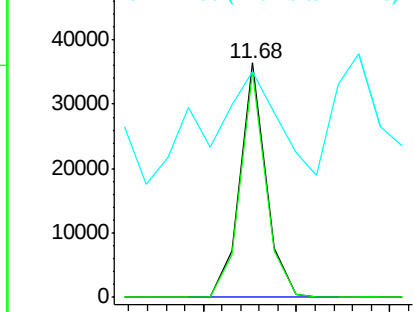
#41
 2,4,6-Tribromophenol
 Concen: 115.24 ng
 RT: 11.68 min Scan# 944
 Delta R.T. 0.02 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

Instrument :
 BNA_F
 ClientSampleId :
 FD-1

Tot Ion:330 Resp: 35487
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.6 117.8
 141 133.0 31.2 46.8#

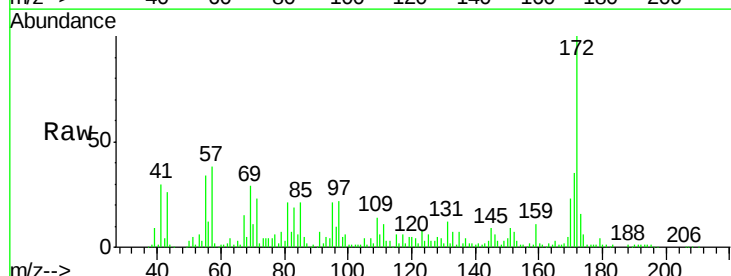


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

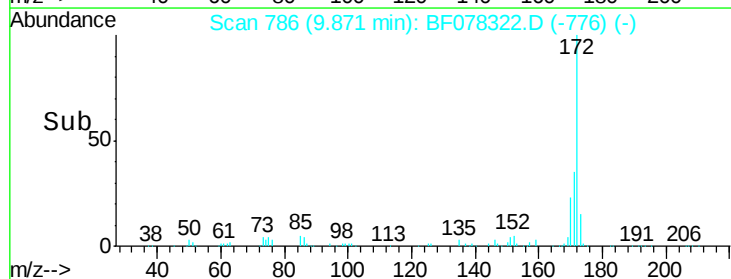
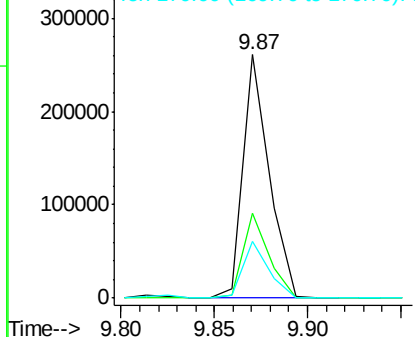


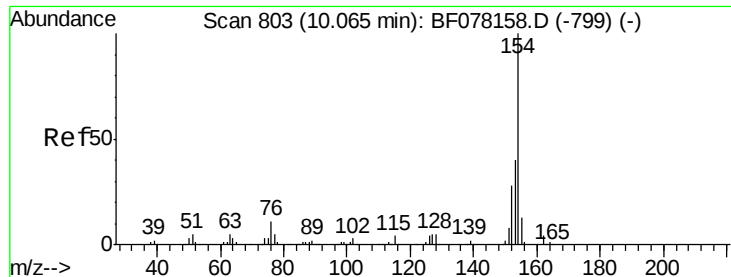
#44
 2-Fluorobiphenyl
 Concen: 96.87 ng
 RT: 9.87 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF078322.D
 Acq: 8 Apr 2015 5:06

Tgt Ion:172 Resp: 251616
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.2 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





#45

1,1'-Biphenyl

Concen: 52.58 ng

RT: 10.00 min Scan# 797

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

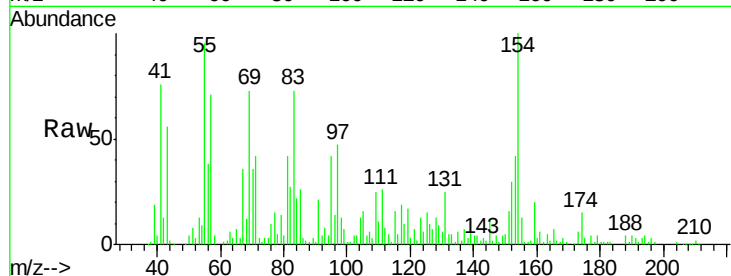
Tot Ion:154 Resp: 159692

Ion Ratio Lower Upper

154 100

153 41.9 20.0 60.0

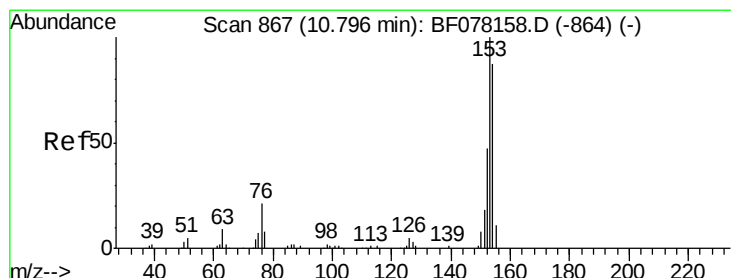
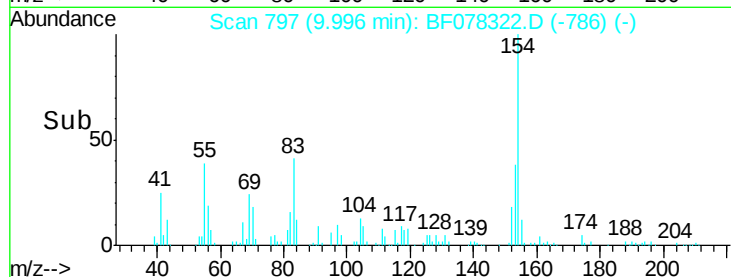
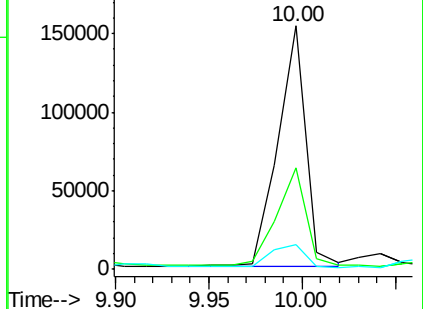
76 10.4 0.0 30.6



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): BF0



#51

Acenaphthene

Concen: 36.78 ng

RT: 10.74 min Scan# 862

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

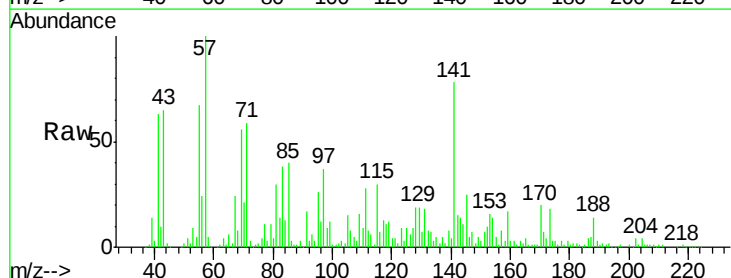
Tgt Ion:154 Resp: 79910

Ion Ratio Lower Upper

154 100

153 115.7 91.4 137.2

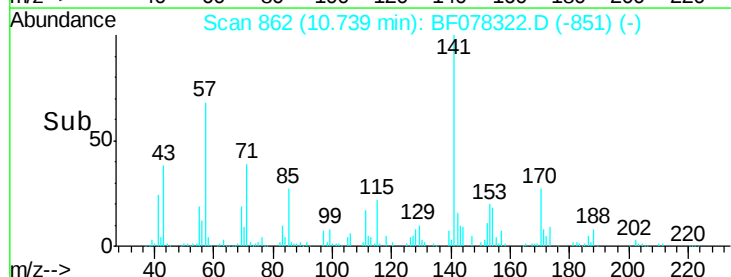
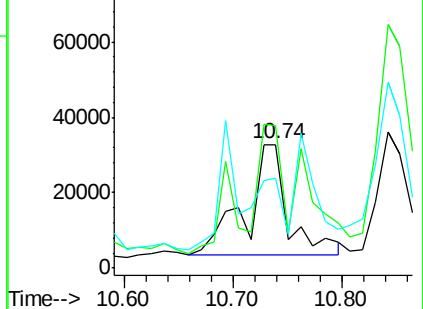
152 72.6 43.0 64.6#

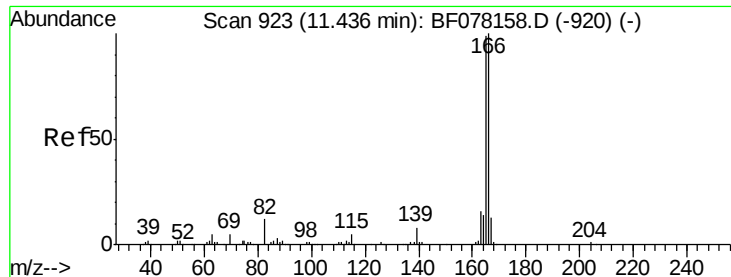


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 53.11 ng

RT: 11.38 min Scan# 918

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

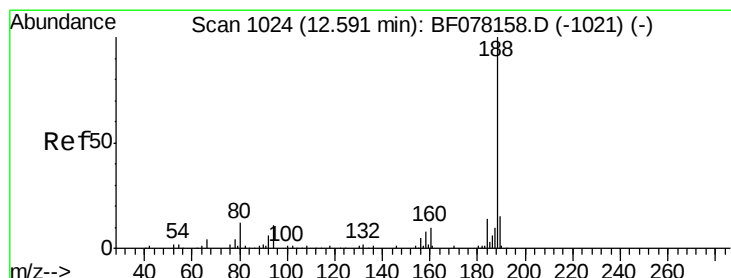
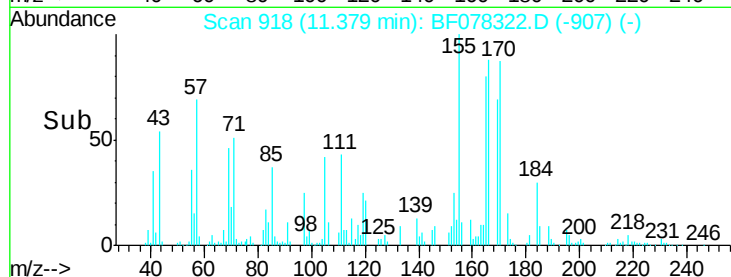
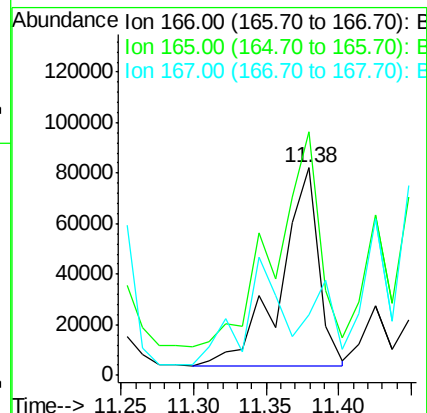
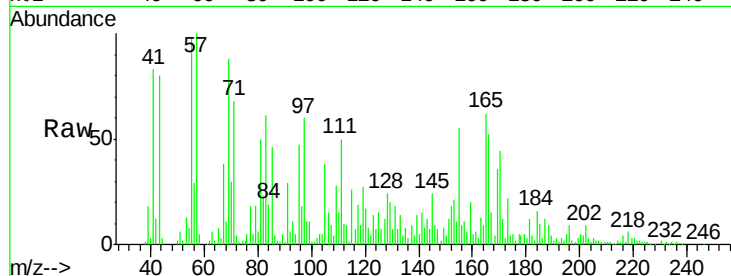
Tot Ion:166 Resp: 142840

Ion Ratio Lower Upper

166 100

165 117.5 78.9 118.3

167 29.3 10.7 16.1#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.53 min Scan# 1019

Delta R.T. 0.03 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

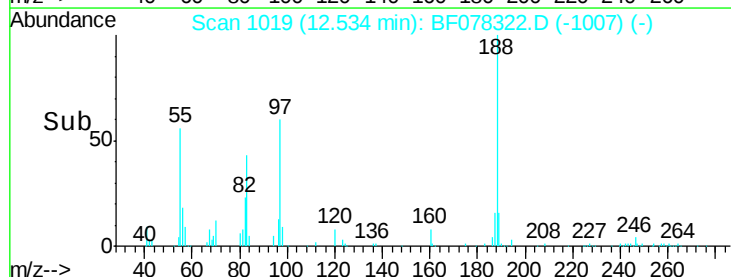
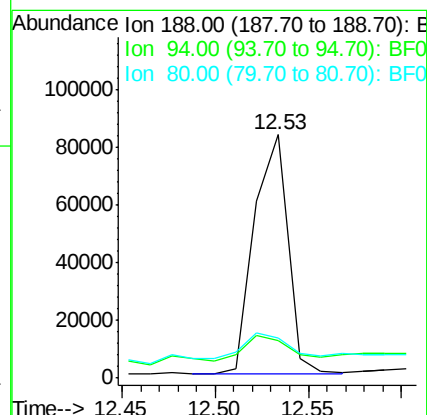
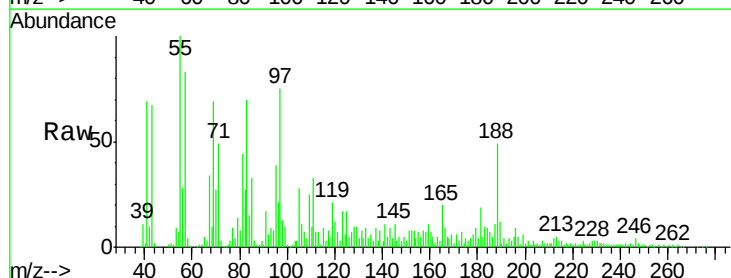
Tgt Ion:188 Resp: 104541

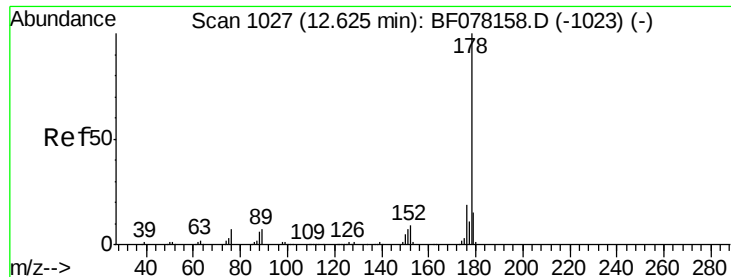
Ion Ratio Lower Upper

188 100

94 15.7 9.0 13.4#

80 16.7 9.5 14.3#





#70

Phenanthrene

Concen: 63.44 ng

RT: 12.56 min Scan# 1021

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampled :

FD-1

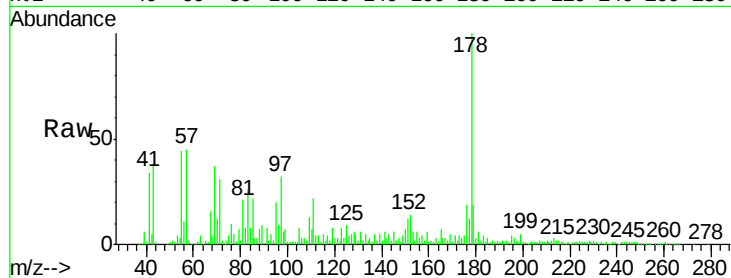
Tot Ion:178 Resp: 383633

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

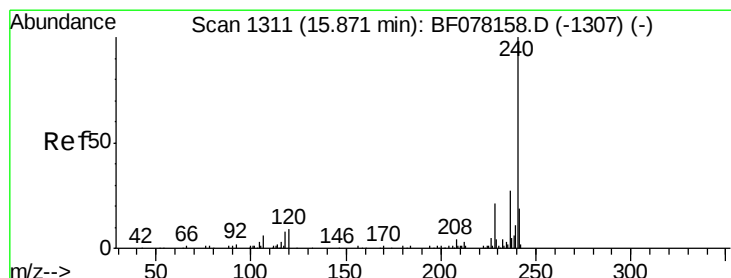
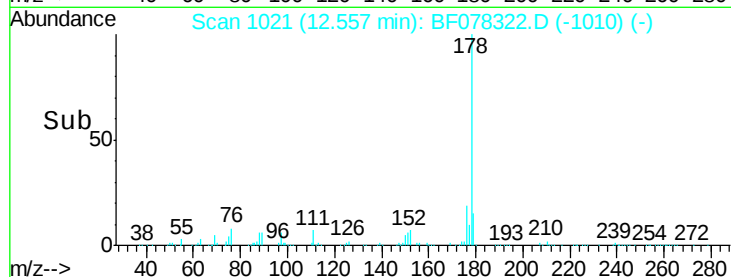
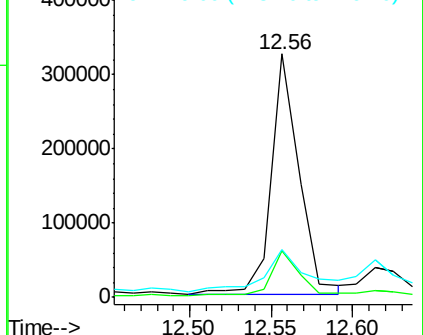
179 19.4 12.2 18.2#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.78 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

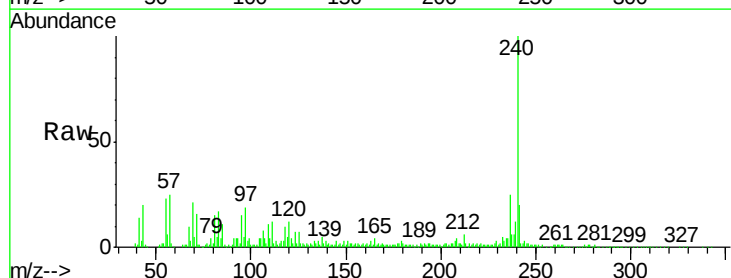
Tgt Ion:240 Resp: 136937

Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

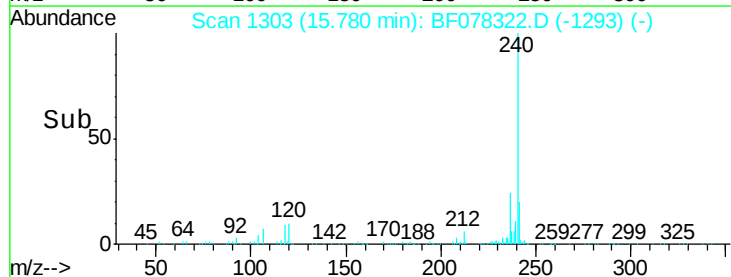
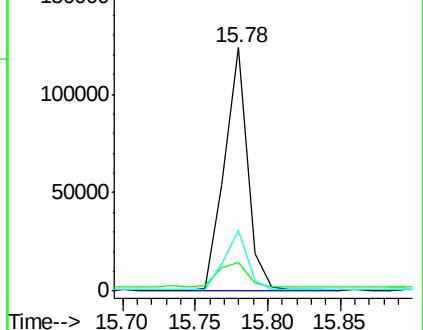
236 24.9 21.4 32.2

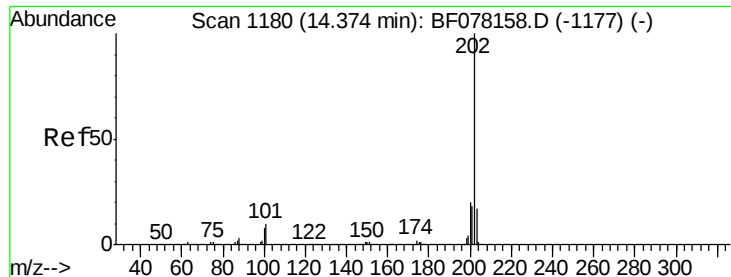


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 14.79 ng

RT: 14.31 min Scan# 1174

Delta R.T. 0.03 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampled :

FD-1

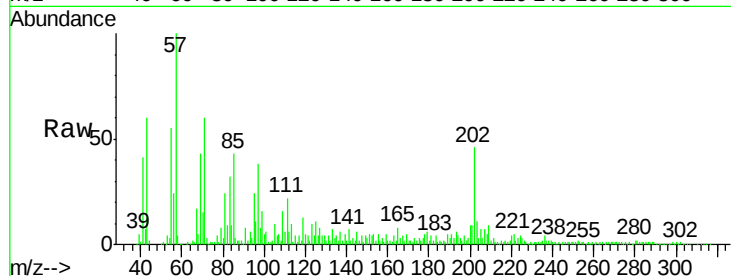
Tot Ion:202 Resp: 127147

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

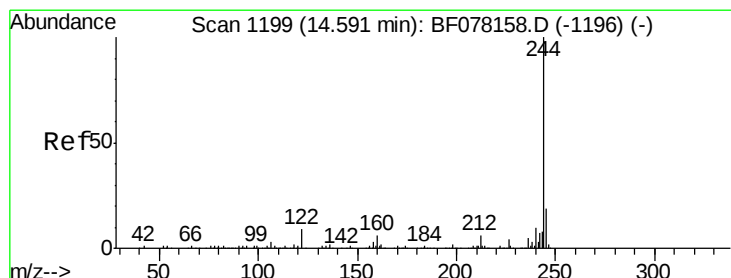
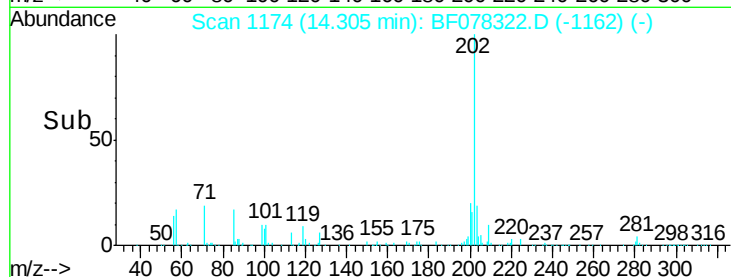
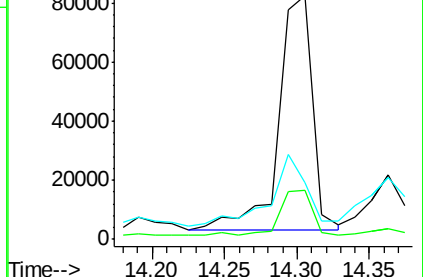
203 23.4 13.8 20.6#



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: 49.15 ng

RT: 14.52 min Scan# 1193

Delta R.T. 0.02 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

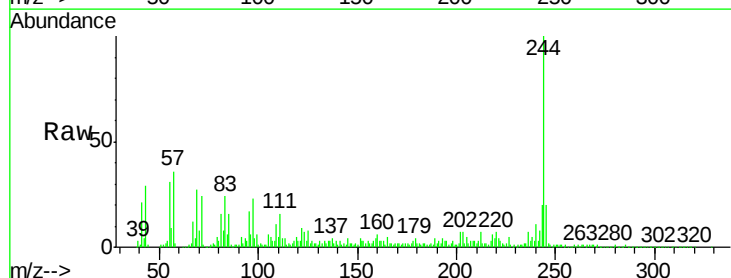
Tgt Ion:244 Resp: 297865

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

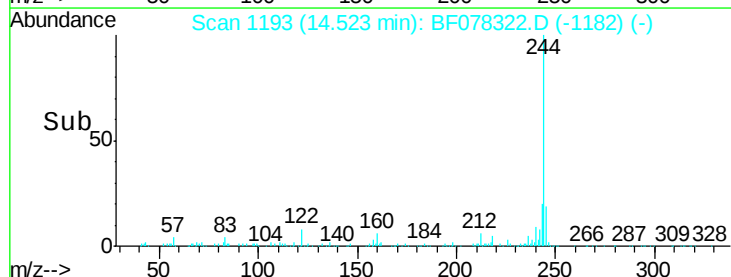
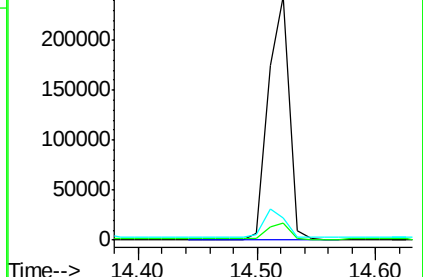
122 9.0 7.1 10.7

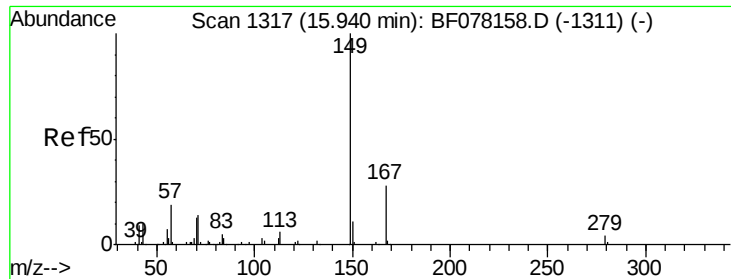


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 24.86 ng

RT: 15.85 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

Instrument :

BNA_F

ClientSampleId :

FD-1

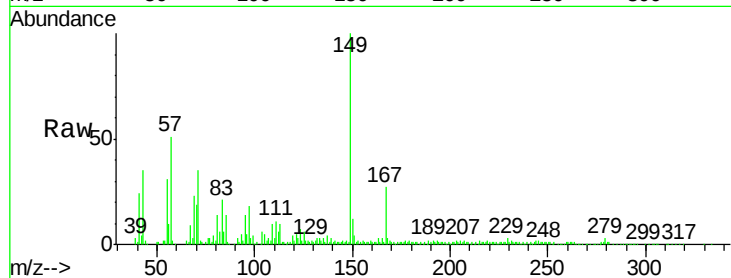
Tot Ion:149 Resp: 127748

Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

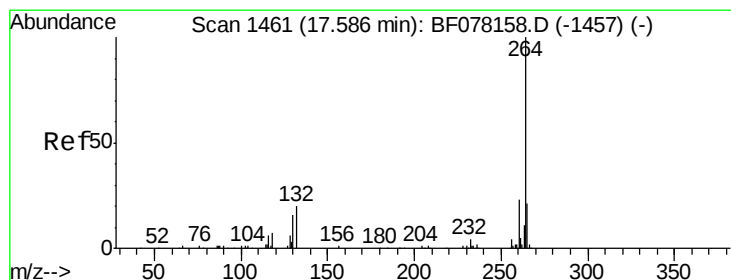
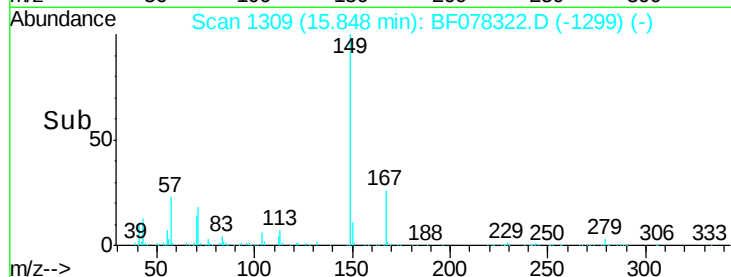
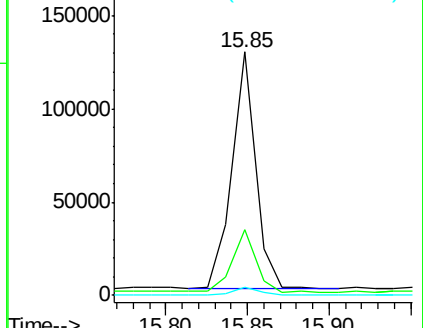
279 3.4 3.2 4.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.46 min Scan# 1450

Delta R.T. 0.03 min

Lab File: BF078322.D

Acq: 8 Apr 2015 5:06

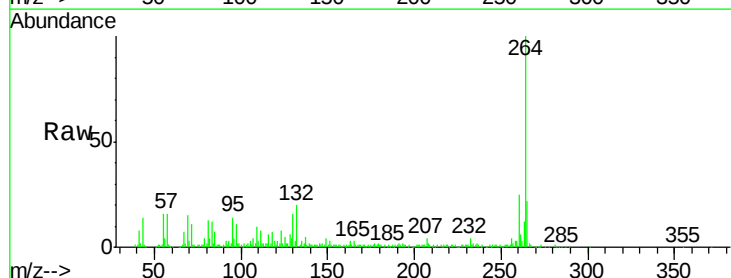
Tgt Ion:264 Resp: 140241

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 21.6 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

