

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078325.D
 Acq On : 8 Apr 2015 6:32
 Operator : TP/IZ
 Sample : G1783-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-8

Quant Time: Apr 08 06:52:55 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

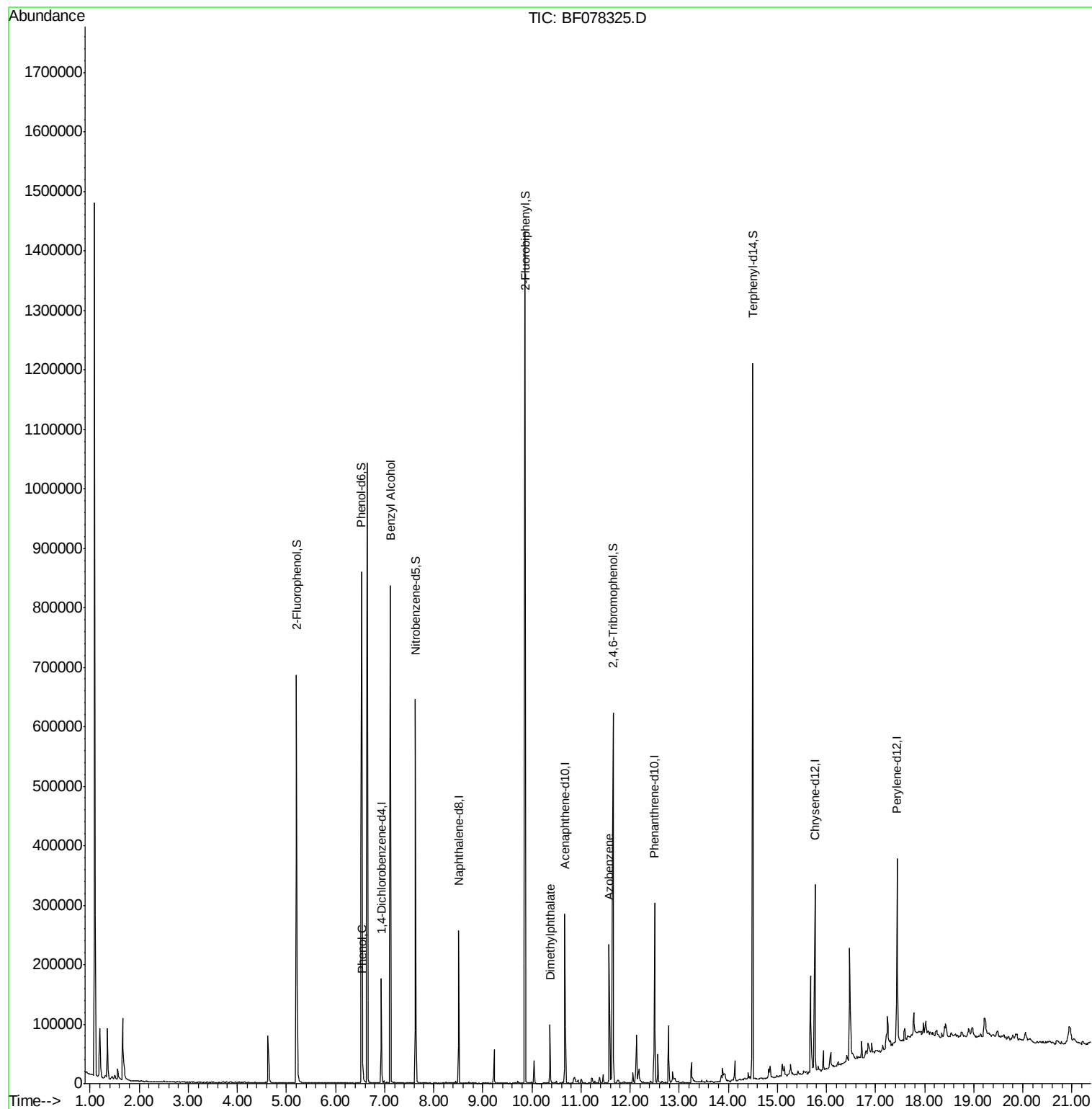
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	29681	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	121558	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	62086	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	122883	20.00	ng	0.00
75) Chrysene-d12	15.77	240	135162	20.00	ng	0.00
86) Perylene-d12	17.44	264	128398	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	267769	148.75	ng	0.01
7) Phenol-d6	6.53	99	352824	156.39	ng	0.01
23) Nitrobenzene-d5	7.63	82	199345	99.40	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	89891	174.57	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	435988	100.38	ng	0.00
78) Terphenyl-d14	14.50	244	523983	87.60	ng	0.00
Target Compounds						
10) Phenol	6.54	94	10995	4.07	ng	Qvalue 75
15) Benzyl Alcohol	7.12	79	3469	2.19	ng	# 51
49) Dimethylphthalate	10.37	163	43689	9.37	ng	# 99
62) Azobenzene	11.57	77	50245	12.24	ng	# 1

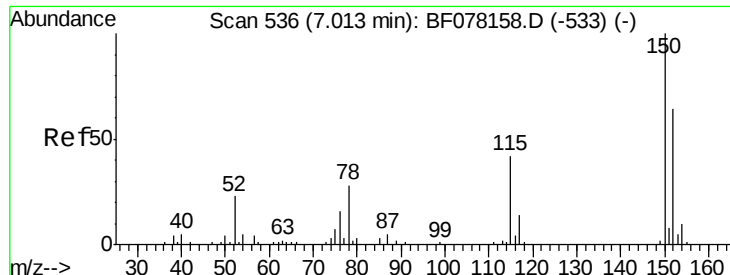
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF078325.D

Acq: 8 Apr 2015 6:32

Instrument :

BNA_F

ClientSampleId :

FD-8

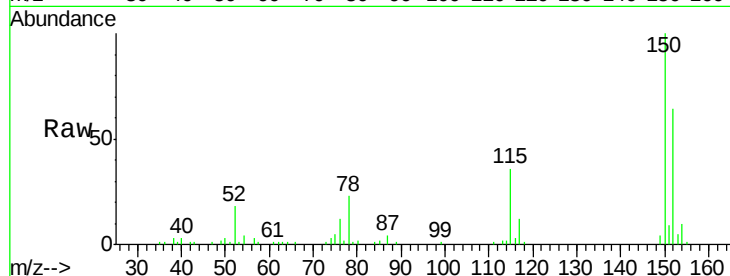
Tgt Ion:152 Resp: 29681

Ion Ratio Lower Upper

152 100

150 157.4 125.9 188.9

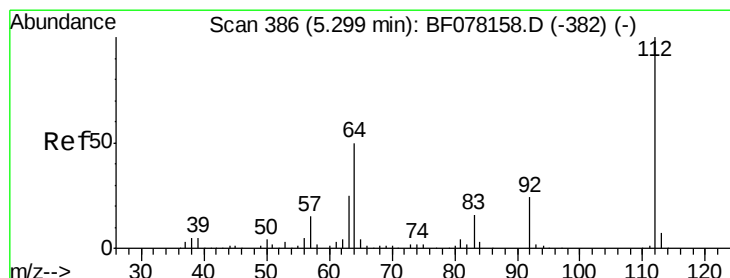
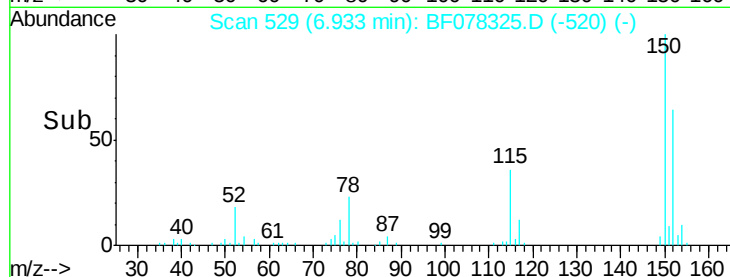
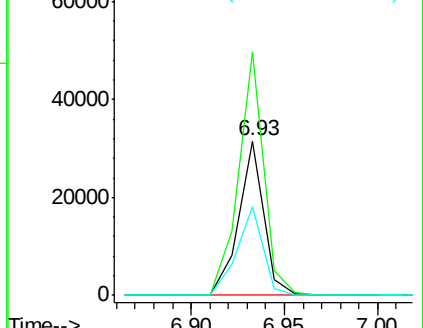
115 57.1 52.7 79.1



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: 148.75 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078325.D

Acq: 8 Apr 2015 6:32

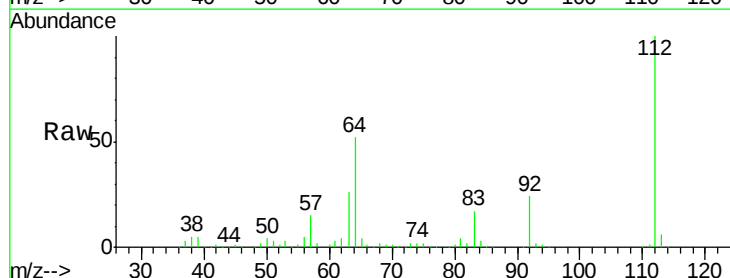
Tgt Ion:112 Resp: 267769

Ion Ratio Lower Upper

112 100

64 51.8 39.9 59.9

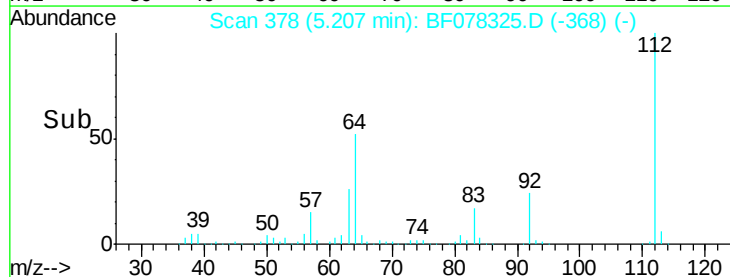
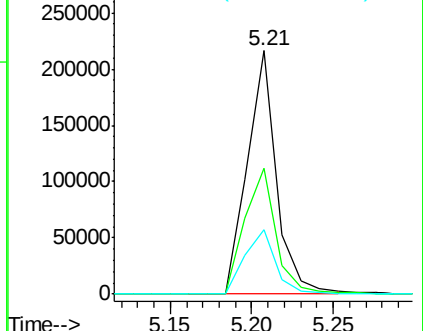
63 26.3 20.2 30.4



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: 156.39 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078325.D

Acq: 8 Apr 2015 6:32

Instrument :

BNA_F

ClientSampleId :

FD-8

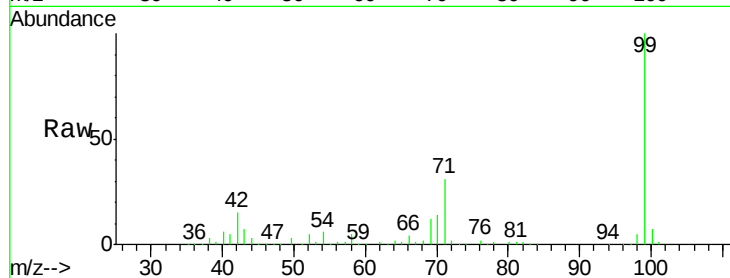
Tgt Ion: 99 Resp: 352824

Ion Ratio Lower Upper

99 100

42 15.5 14.8 22.2

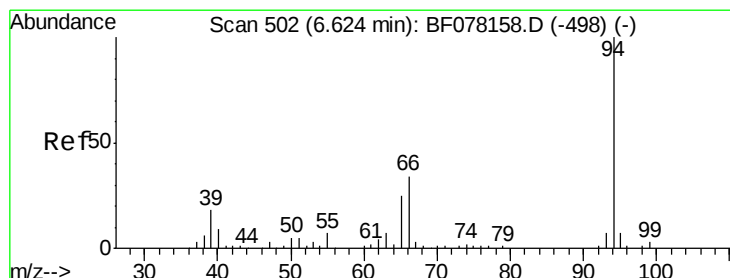
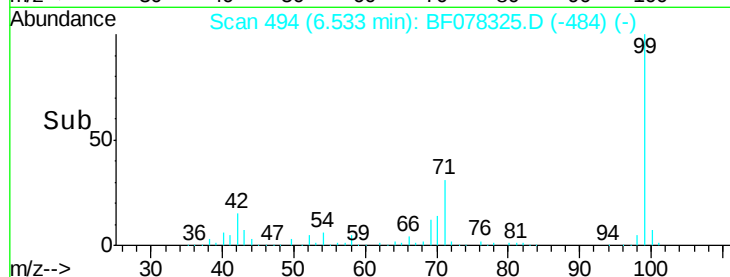
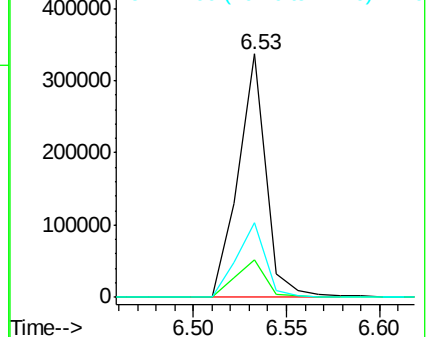
71 30.8 26.6 39.8



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



#10

Phenol

Concen: 4.07 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078325.D

Acq: 8 Apr 2015 6:32

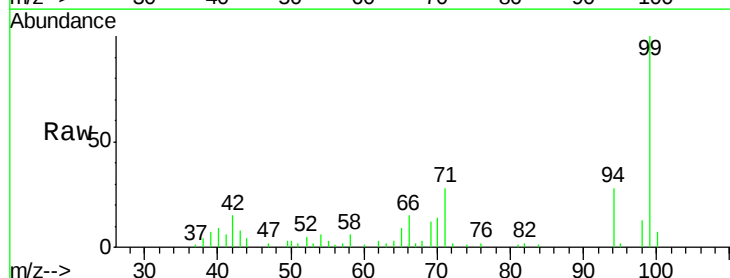
Tgt Ion: 94 Resp: 10995

Ion Ratio Lower Upper

94 100

65 32.1 4.9 44.9

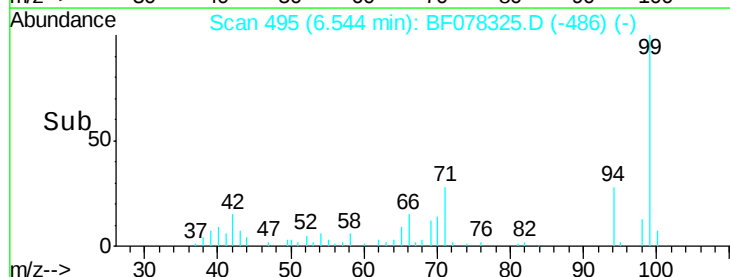
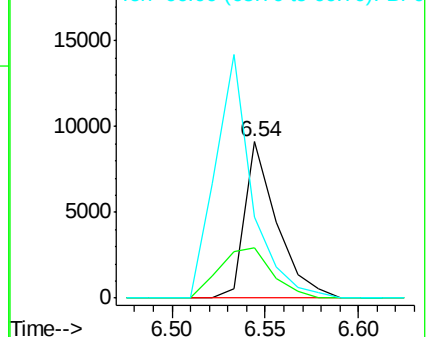
66 52.3 13.8 53.8

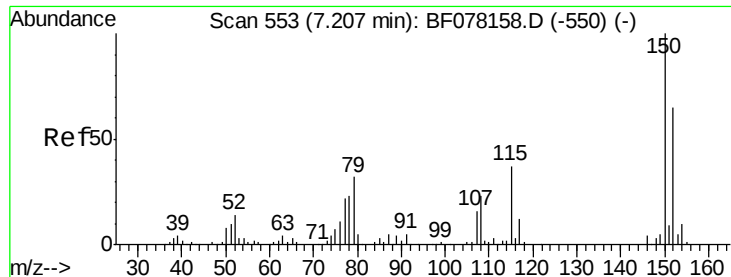


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

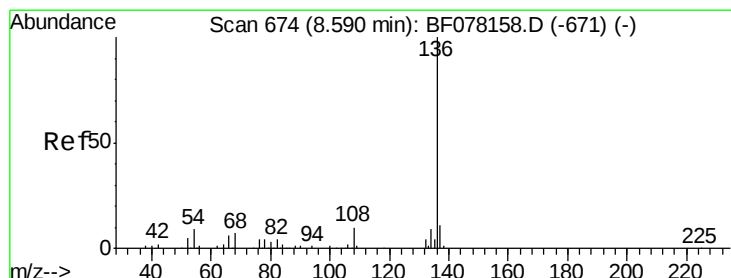
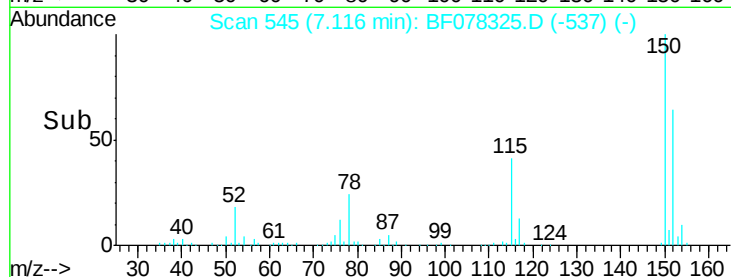
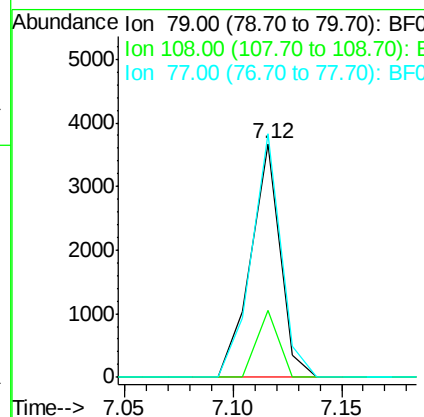
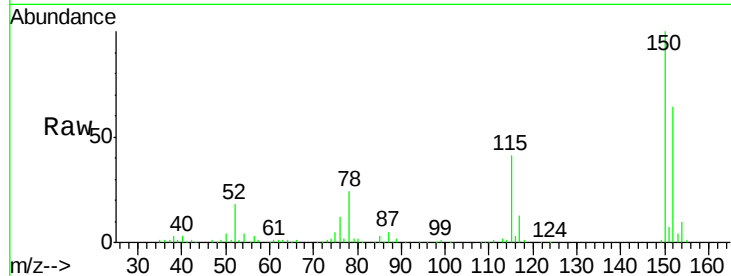




#15
Benzyl Alcohol
Concen: 2.19 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

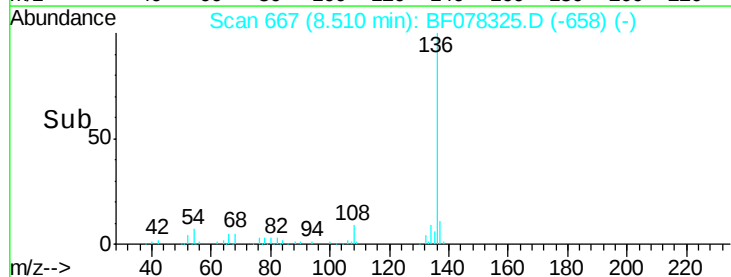
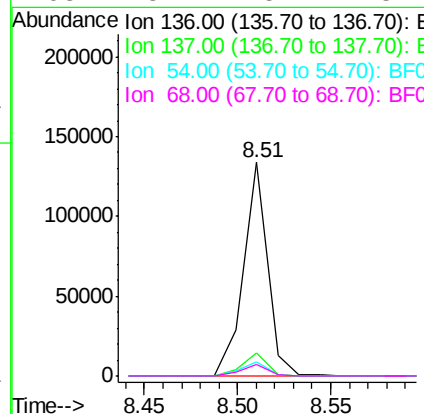
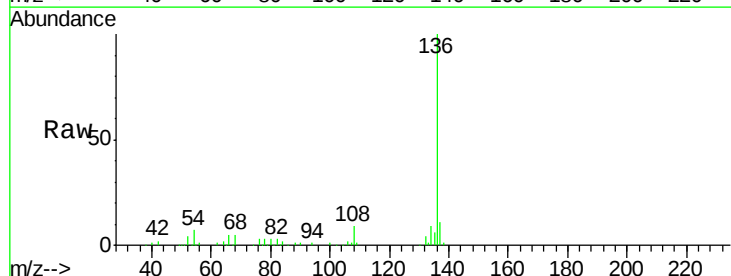
Instrument :
BNA_F
ClientSampled :
FD-8

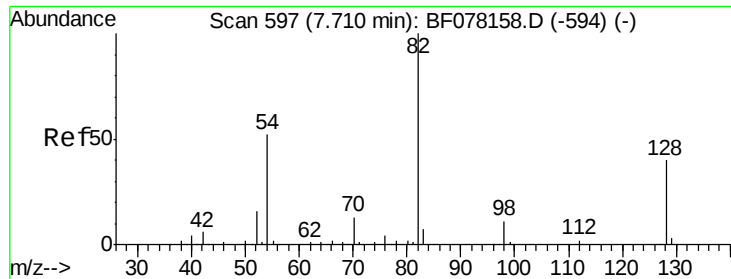
Tgt Ion: 79 Resp: 3469
Ion Ratio Lower Upper
79 100
108 28.4 57.6 86.4#
77 104.1 53.5 80.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Tgt Ion: 136 Resp: 121558
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.8 7.0 10.6#
68 5.4 5.4 8.2#

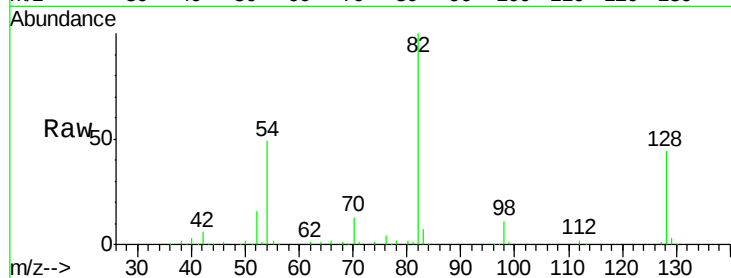




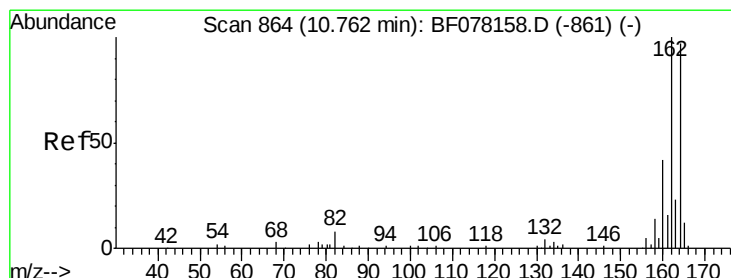
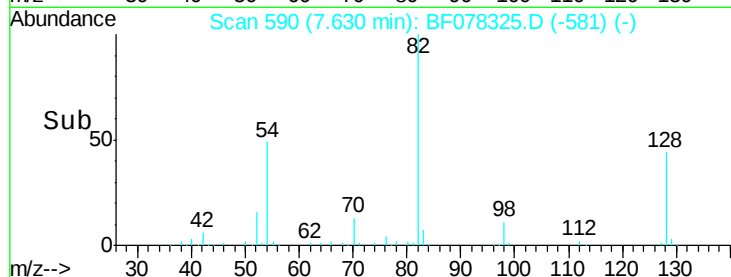
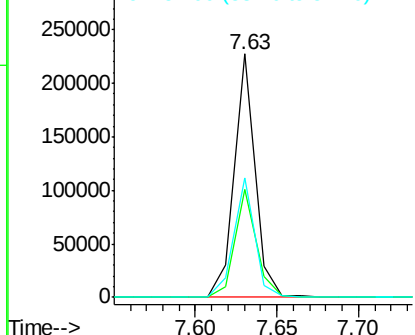
#23
 Nitrobenzene-d5
 Concen: 99.40 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF078325.D
 Acq: 8 Apr 2015 6:32

Instrument :
 BNA_F
 ClientSampleId :
 FD-8

Tgt Ion: 82 Resp: 199345
 Ion Ratio Lower Upper
 82 100
 128 44.3 31.8 47.8
 54 49.0 41.5 62.3

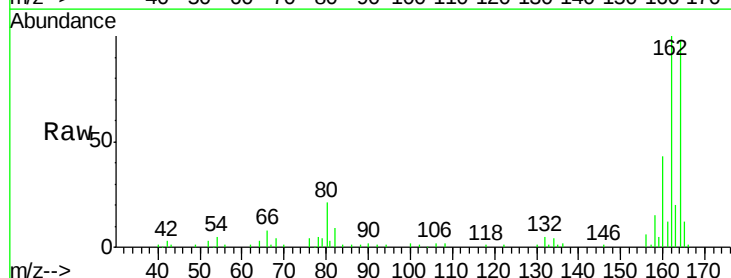


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

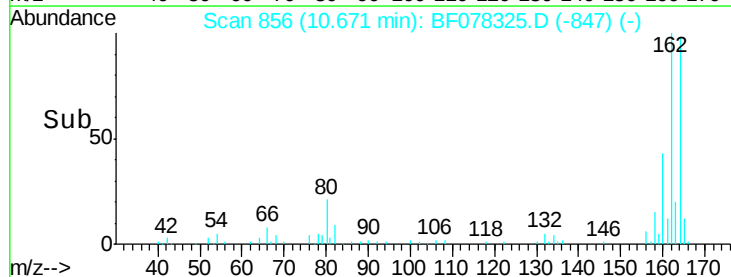
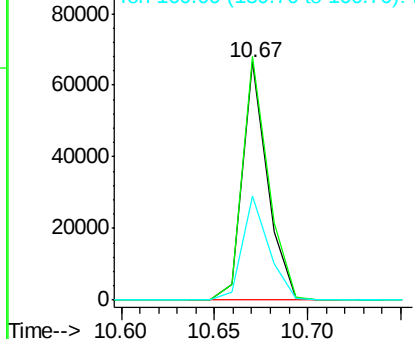


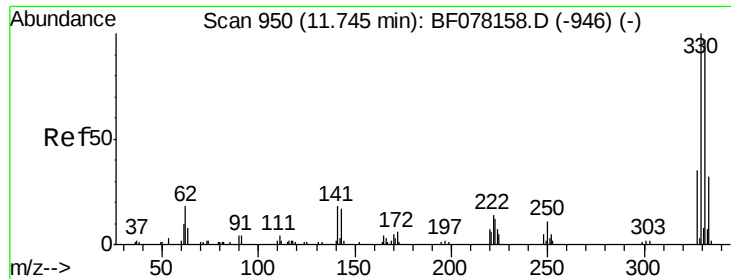
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF078325.D
 Acq: 8 Apr 2015 6:32

Tgt Ion: 164 Resp: 62086
 Ion Ratio Lower Upper
 164 100
 162 102.2 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

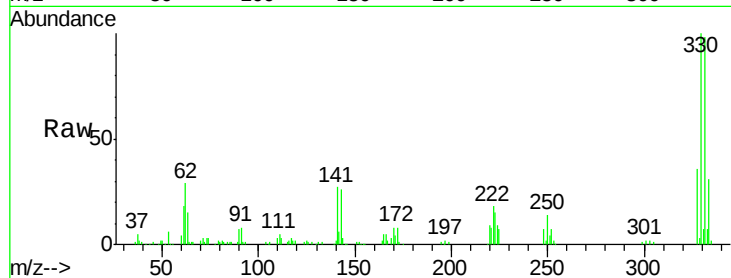




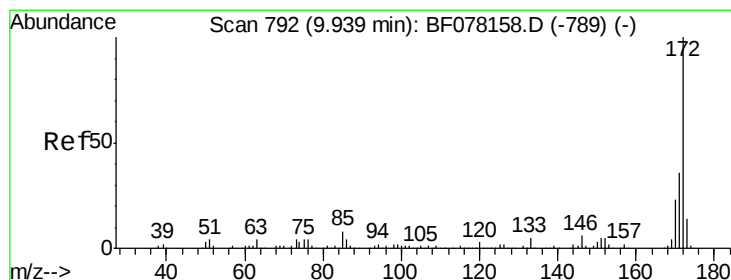
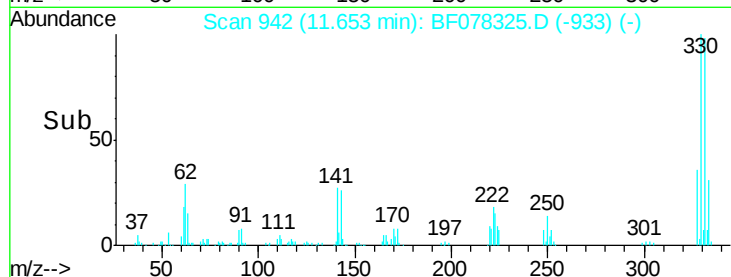
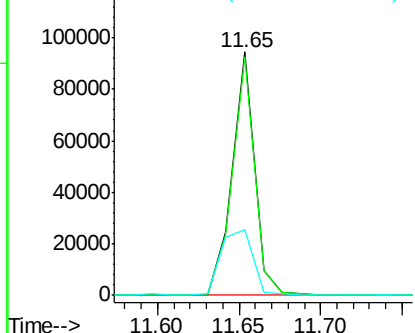
#41
 2,4,6-Tribromophenol
 Concen: 174.57 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF078325.D
 Acq: 8 Apr 2015 6:32

Instrument :
 BNA_F
 ClientSampleId :
 FD-8

Tgt Ion:330 Resp: 89891
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.6 117.8
 141 38.6 31.2 46.8

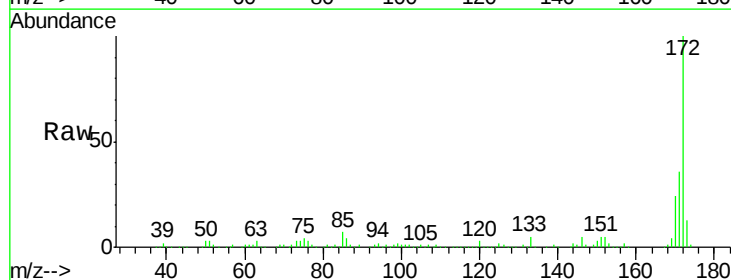


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

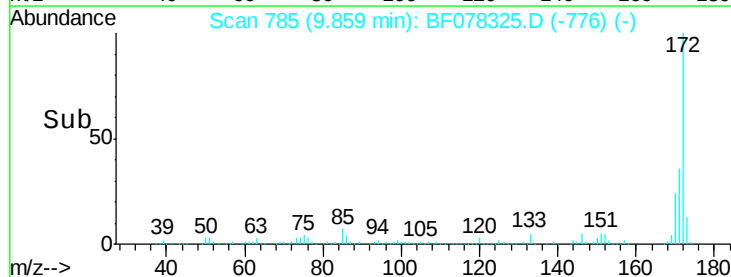
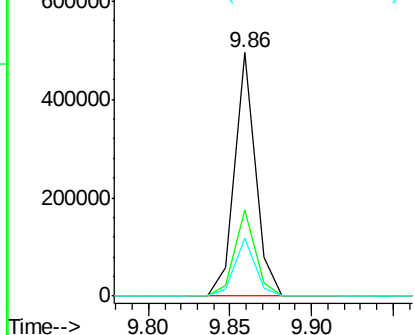


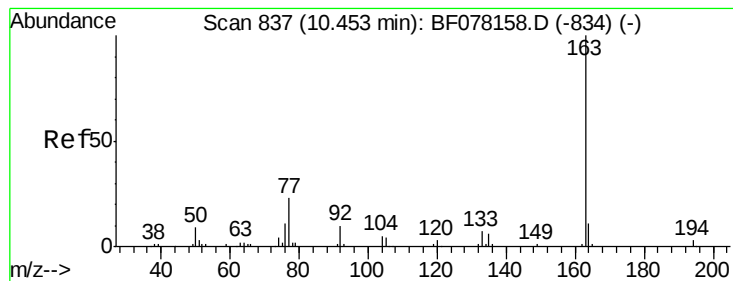
#44
 2-Fluorobiphenyl
 Concen: 100.38 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078325.D
 Acq: 8 Apr 2015 6:32

Tgt Ion:172 Resp: 435988
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.9 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: 9.37 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF078325.D

Acq: 8 Apr 2015 6:32

Instrument :

BNA_F

ClientSampleId :

FD-8

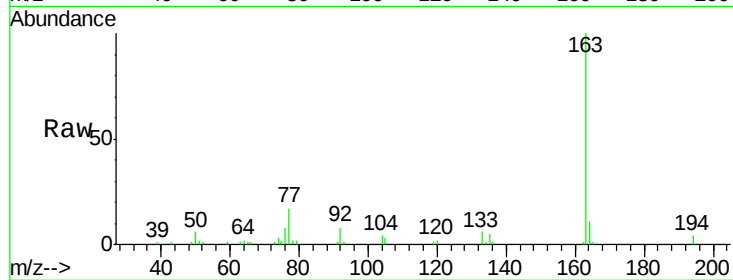
Tgt Ion: 163 Resp: 43689

Ion Ratio Lower Upper

163 100

194 4.0 2.3 3.5#

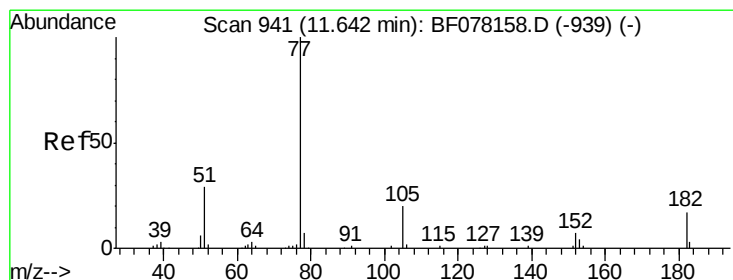
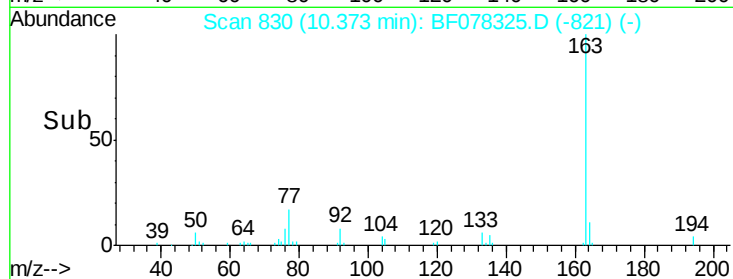
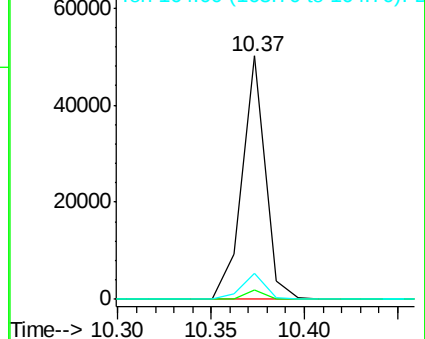
164 10.5 8.6 13.0



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



#62

Azobenzene

Concen: 12.24 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF078325.D

Acq: 8 Apr 2015 6:32

Tgt Ion: 77 Resp: 50245

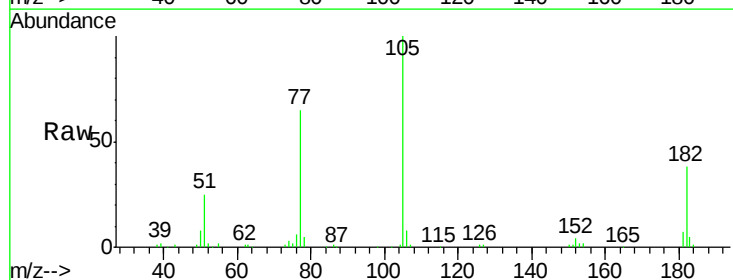
Ion Ratio Lower Upper

77 100

182 58.2 0.0 36.8#

105 152.9 0.3 40.3#

51 38.6 9.1 49.1

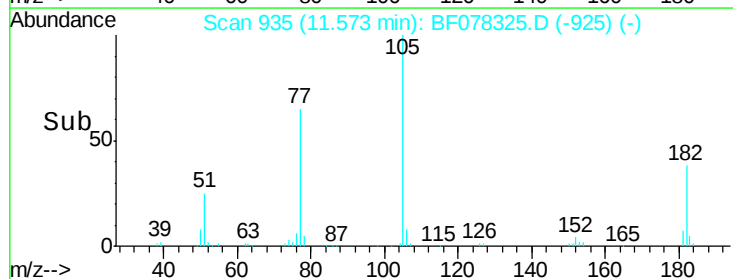
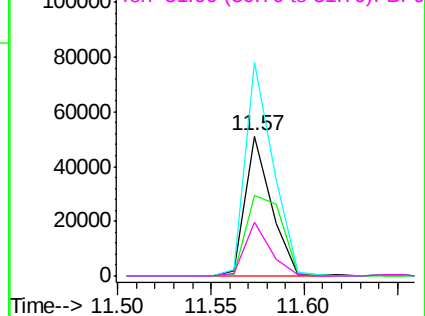


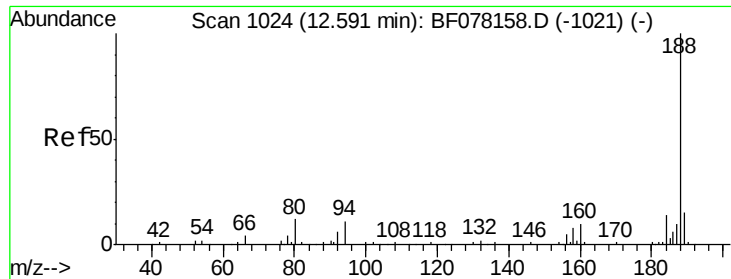
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

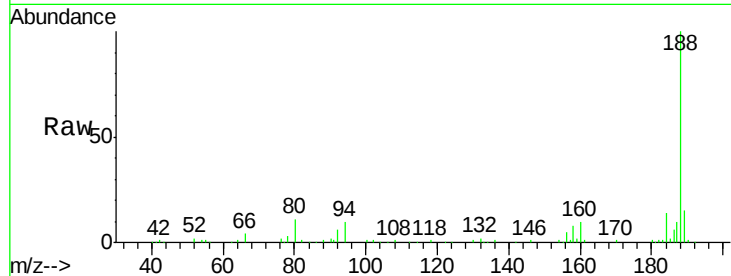




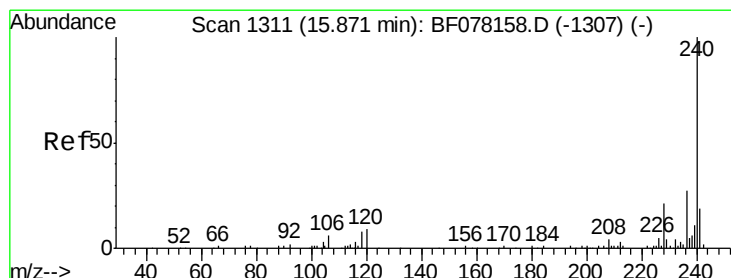
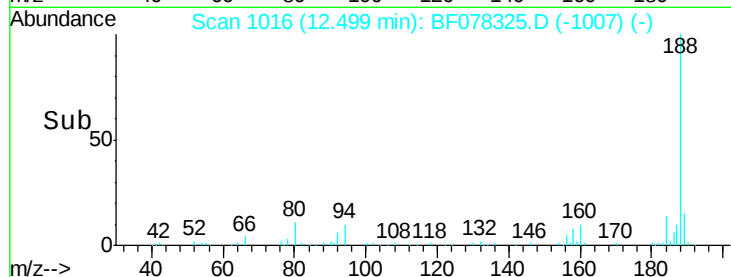
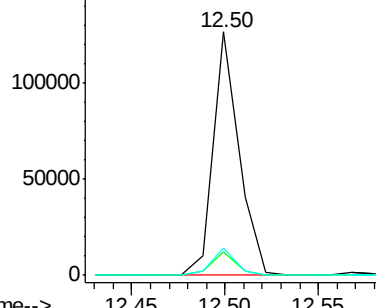
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Instrument :
BNA_F
ClientSampleId :
FD-8

Tgt Ion:188 Resp: 122883
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 11.2 9.5 14.3

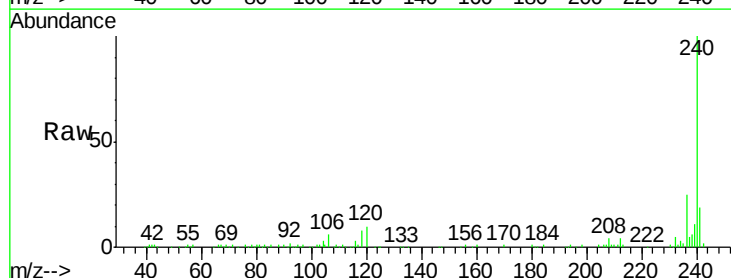


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

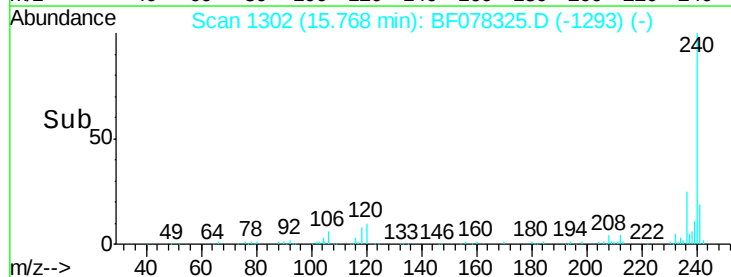
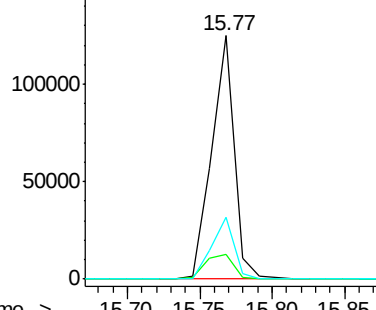


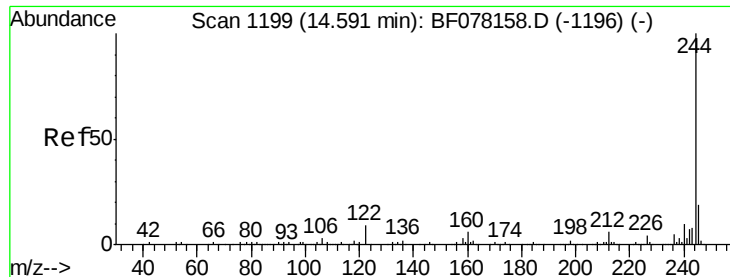
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF078325.D
Acq: 8 Apr 2015 6:32

Tgt Ion:240 Resp: 135162
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.3 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

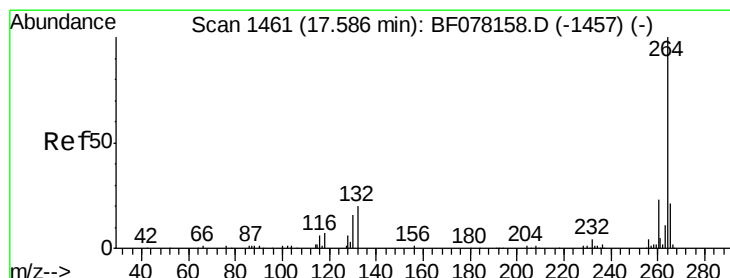
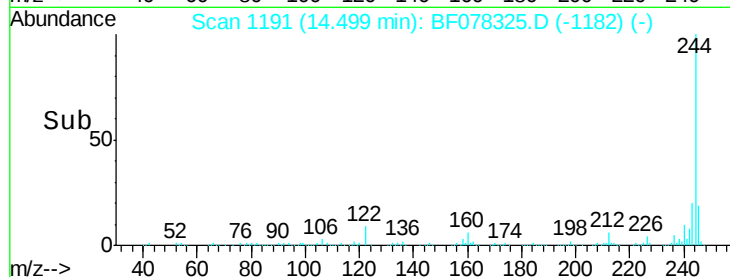
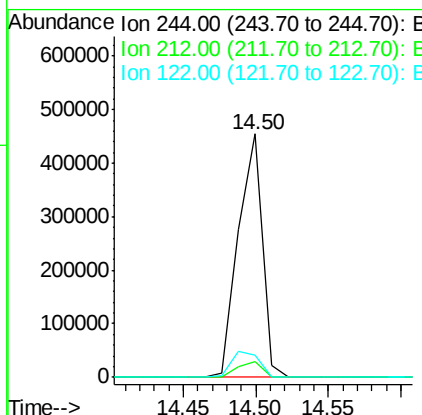
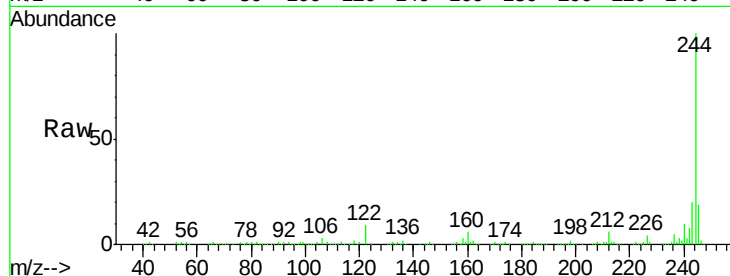




#78
 Terphenyl-d14
 Concen: 87.60 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF078325.D
 Acq: 8 Apr 2015 6:32

Instrument :
 BNA_F
 ClientSampleId :
 FD-8

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	9.0	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF078325.D
 Acq: 8 Apr 2015 6:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	20.3	17.0	25.6

