

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075735.D
 Acq On : 21 Nov 2014 5:07
 Operator : TP / JJ
 Sample : F4796-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Nov 21 06:54:22 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

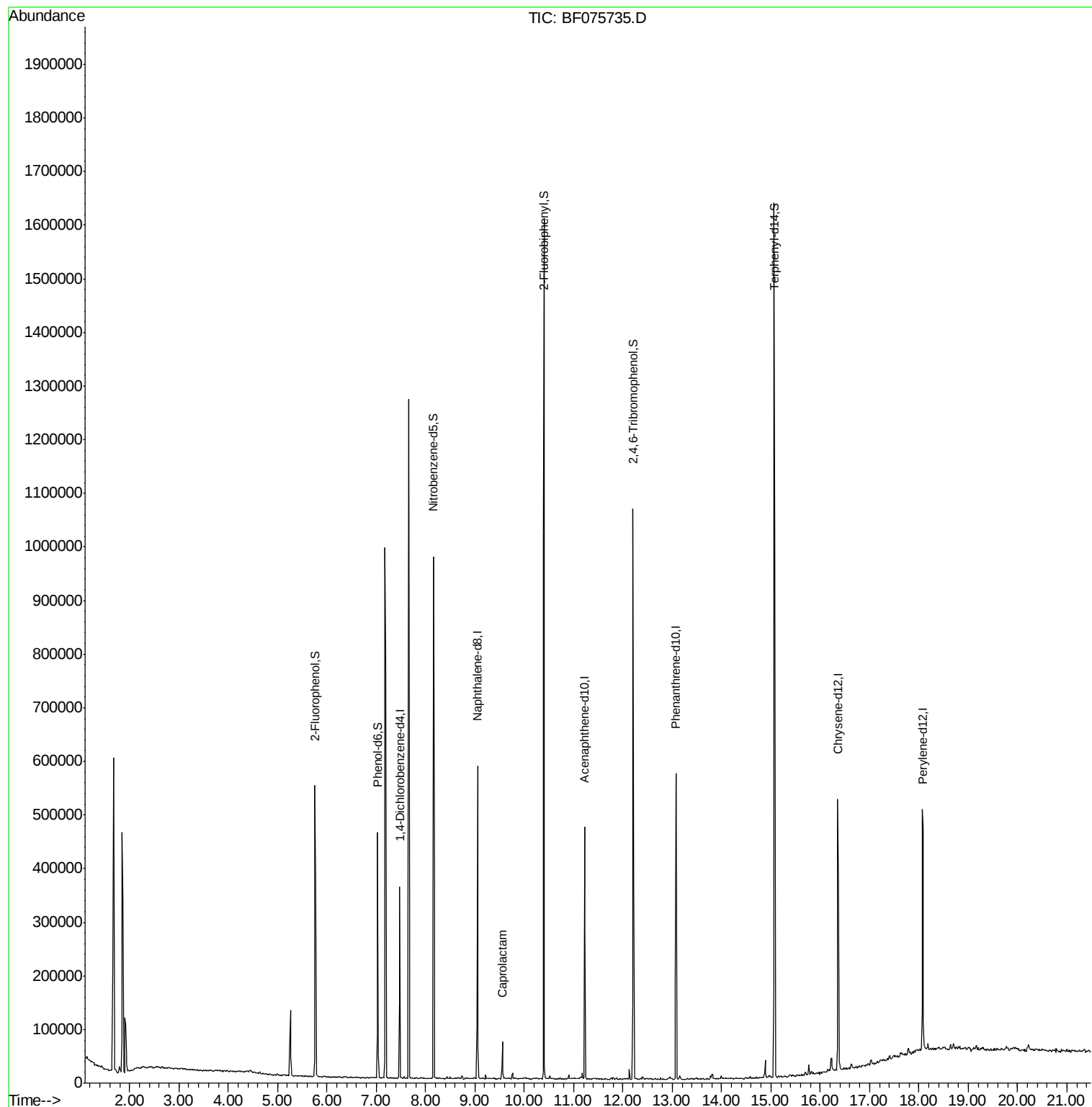
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	61561	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	258877	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	125412	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	217914	20.00	ng	-0.01
75) Chrysene-d12	16.36	240	233503	20.00	ng	-0.03
86) Perylene-d12	18.08	264	245169	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	201211	50.78	ng	-0.02
7) Phenol-d6	7.03	99	150599	31.25	ng	-0.01
23) Nitrobenzene-d5	8.16	82	325165	77.10	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	130386	127.52	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	653717	81.60	ng	-0.01
78) Terphenyl-d14	15.07	244	667480	71.50	ng	-0.02
Target Compounds						
35) Caprolactam	9.56	113	5881	5.01	ng	Qvalue 95

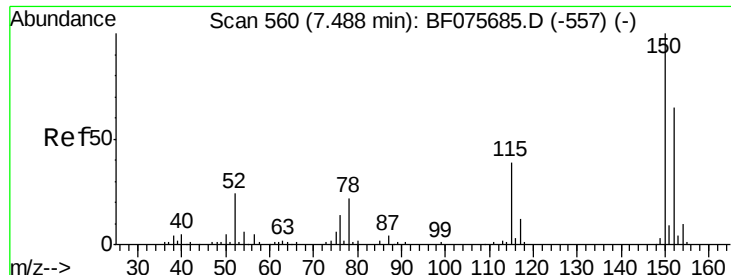
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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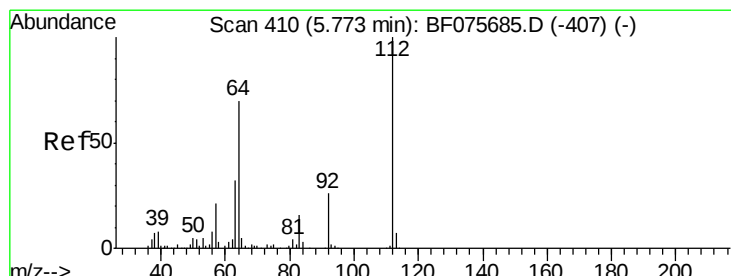
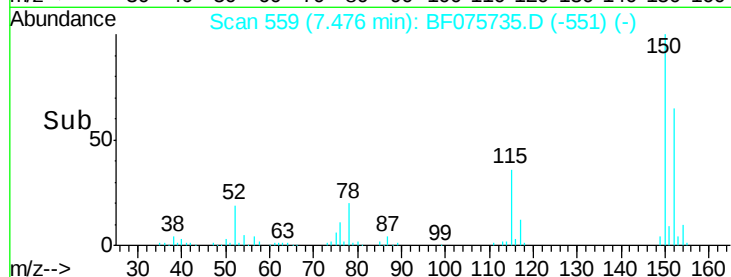
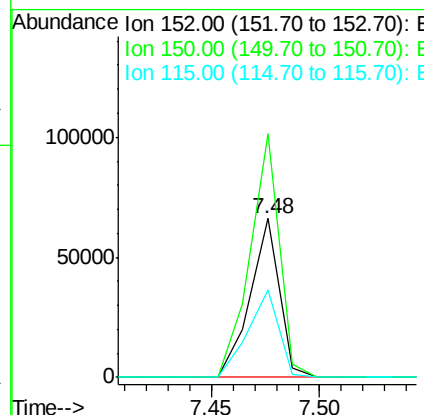
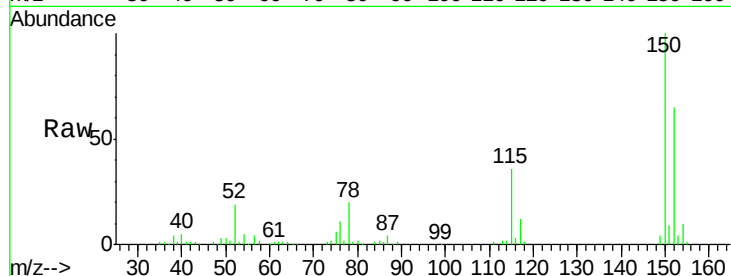




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.48 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF075735.D
 Acq: 21 Nov 2014 5:07

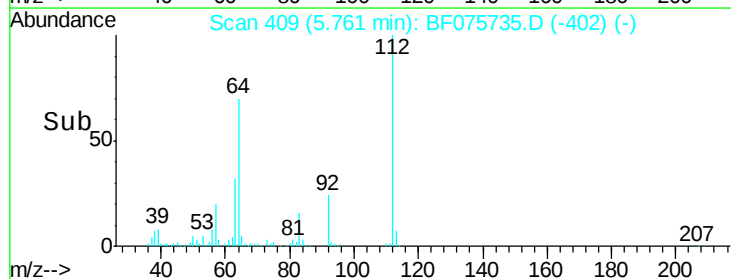
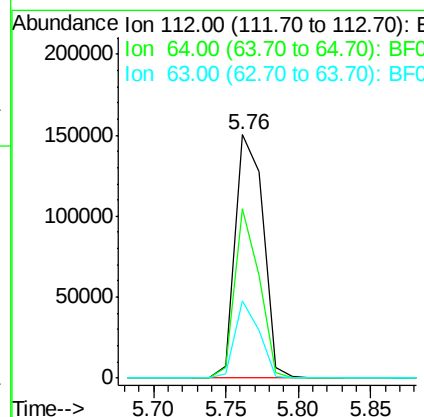
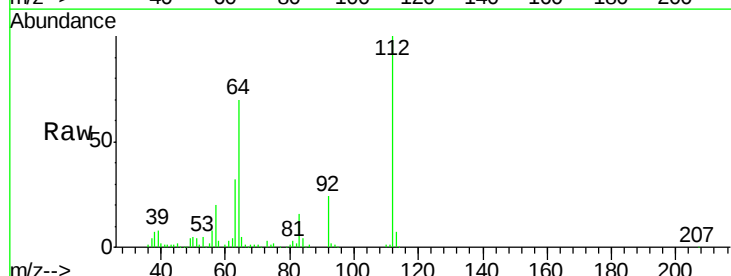
Instrument :
 BNA_F
 ClientSampled :
 DSN001

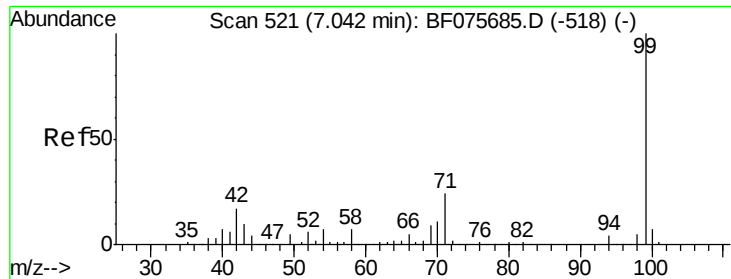
Tgt Ion:152 Resp: 61561
 Ion Ratio Lower Upper
 152 100
 150 153.0 127.2 190.8
 115 54.6 57.1 85.7#



#5
 2-Fluorophenol
 Concen: 50.78 ng
 RT: 5.76 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF075735.D
 Acq: 21 Nov 2014 5:07

Tgt Ion:112 Resp: 201211
 Ion Ratio Lower Upper
 112 100
 64 69.6 45.8 68.6#
 63 31.5 22.7 34.1





#7

Phenol-d6

Concen: 31.25 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075735.D

Acq: 21 Nov 2014 5:07

Instrument :

BNA_F

ClientSampleId :

DSN001

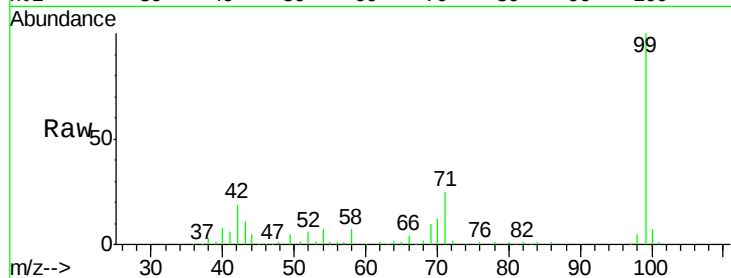
Tgt Ion: 99 Resp: 150599

Ion Ratio Lower Upper

99 100

42 18.9 19.8 29.6#

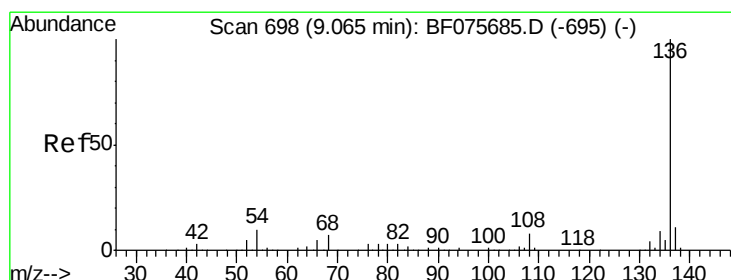
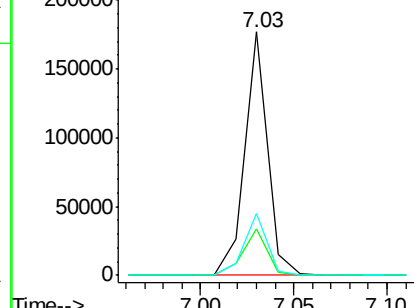
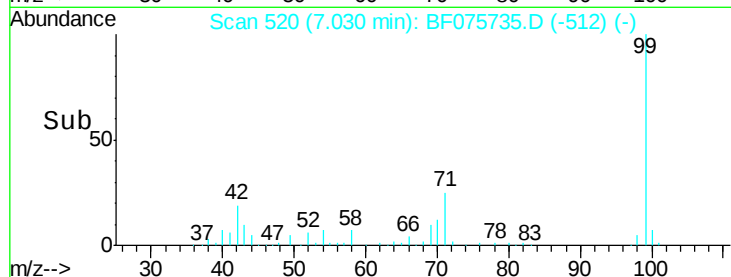
71 25.2 25.5 38.3#



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: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075735.D

Acq: 21 Nov 2014 5:07

Tgt Ion: 136 Resp: 258877

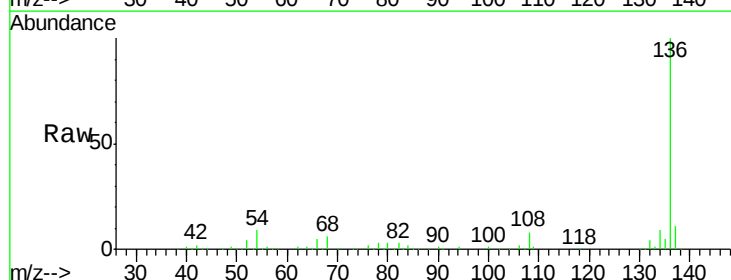
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 8.8 6.2 9.4

68 6.4 3.4 5.2#

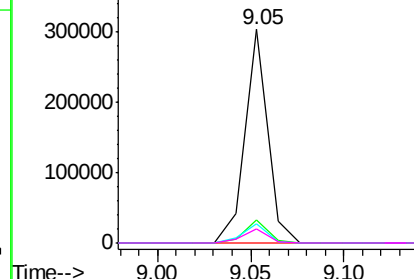
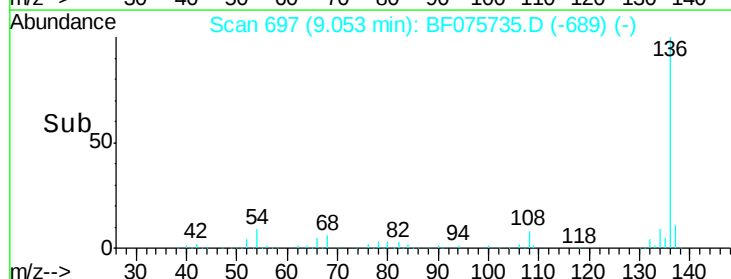


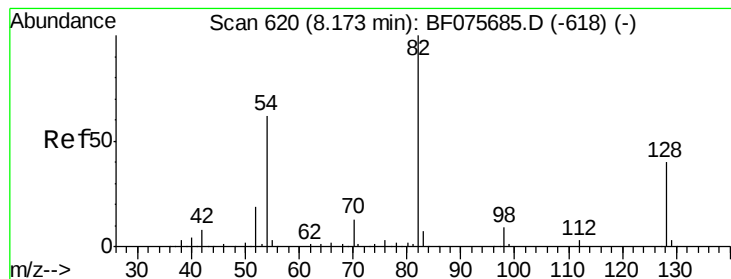
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.10 ng

RT: 8.16 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF075735.D

Acq: 21 Nov 2014 5:07

Instrument :

BNA_F

ClientSampleId :

DSN001

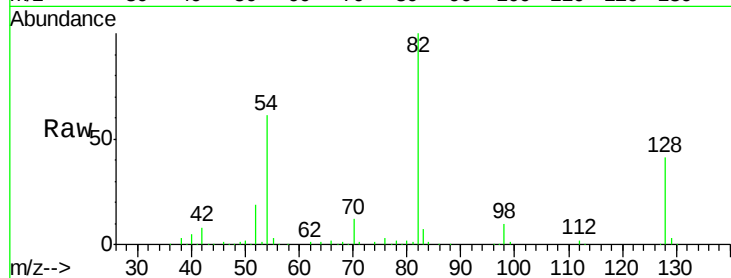
Tgt Ion: 82 Resp: 325165

Ion Ratio Lower Upper

82 100

128 41.2 37.8 56.6

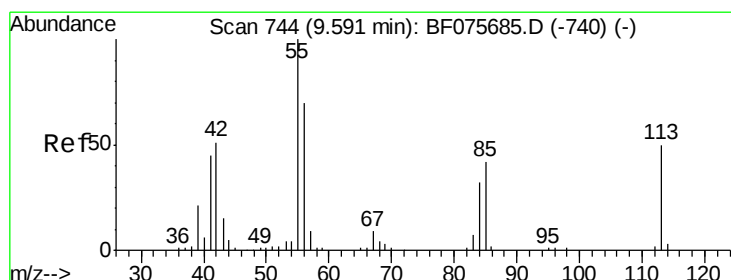
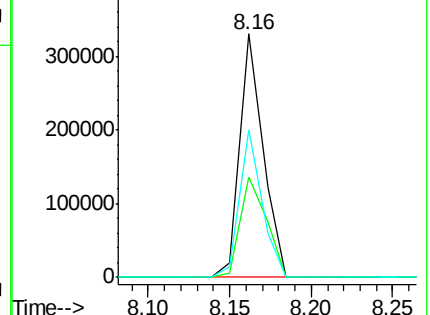
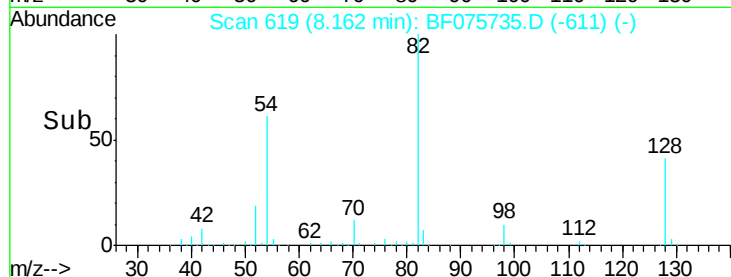
54 60.8 49.8 74.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#35

Caprolactam

Concen: 5.01 ng

RT: 9.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF075735.D

Acq: 21 Nov 2014 5:07

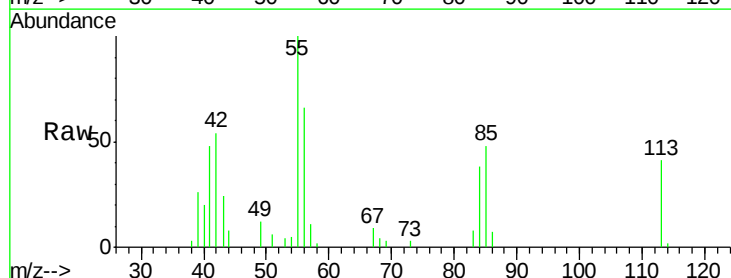
Tgt Ion: 113 Resp: 5881

Ion Ratio Lower Upper

113 100

55 241.2 226.9 266.9

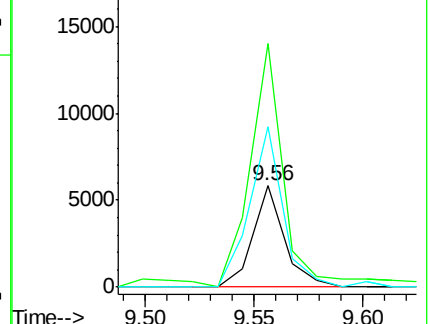
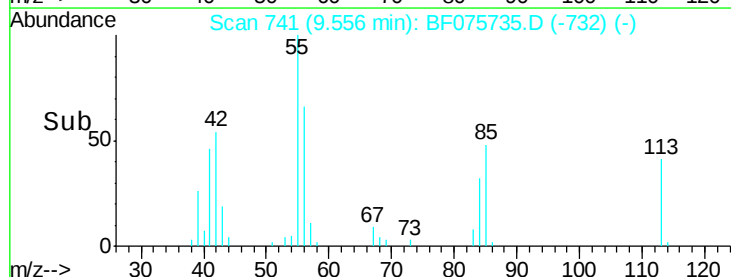
56 158.8 148.4 188.4

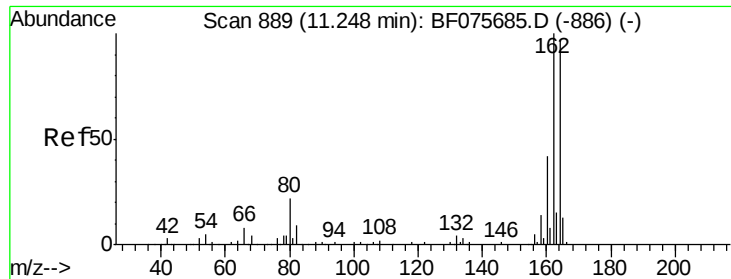


Abundance Ion 113.00 (112.70 to 113.70): BF0

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

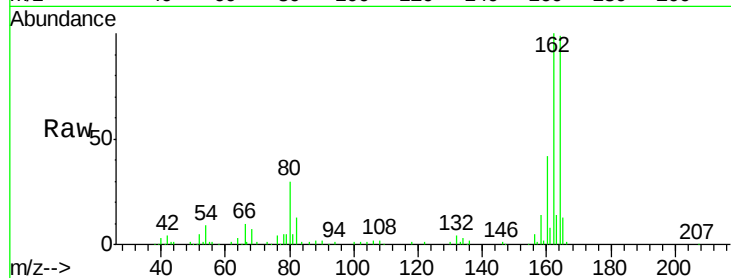




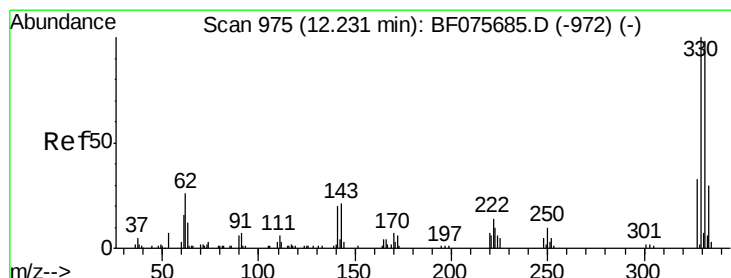
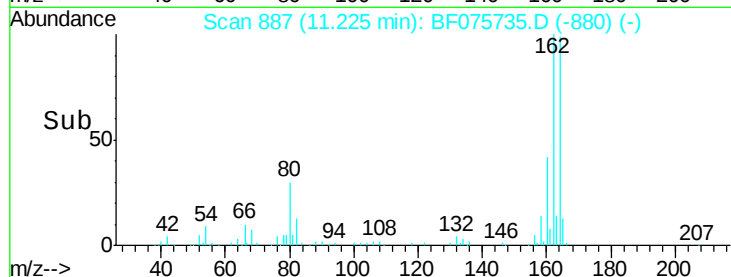
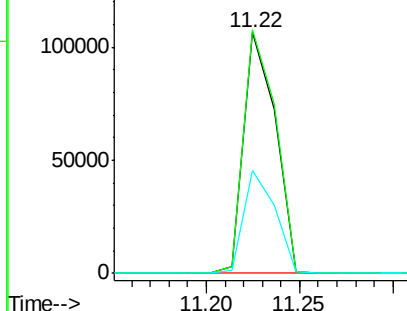
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF075735.D
Acq: 21 Nov 2014 5:07

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:164 Resp: 125412
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 42.9 34.6 51.8

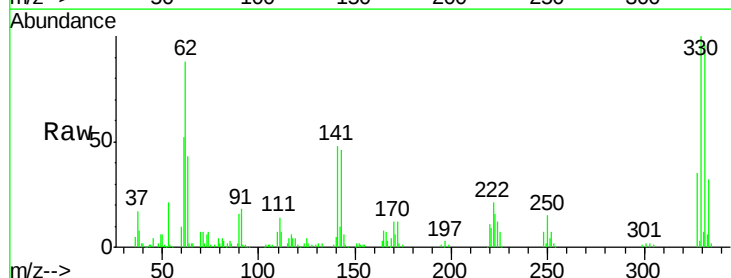


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

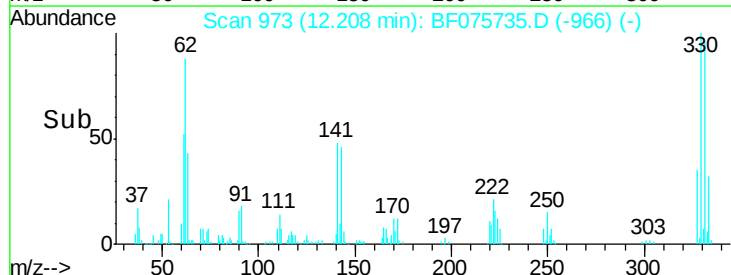
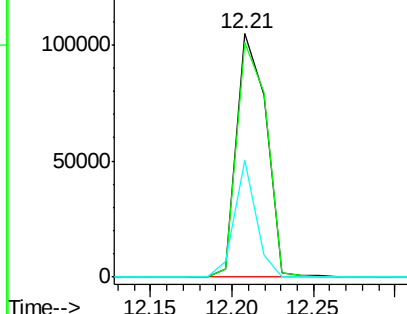


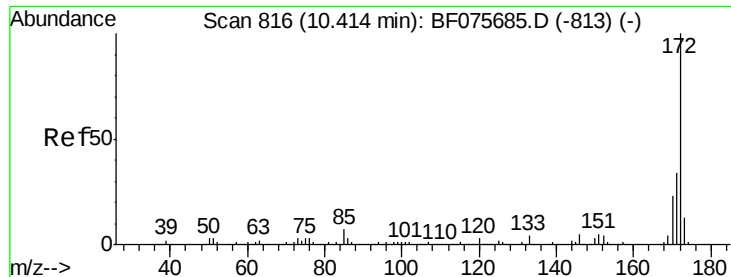
#41
2,4,6-Tribromophenol
Concen: 127.52 ng
RT: 12.21 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF075735.D
Acq: 21 Nov 2014 5:07

Tgt Ion:330 Resp: 130386
Ion Ratio Lower Upper
330 100
332 98.2 74.5 111.7
141 35.2 30.7 46.1



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

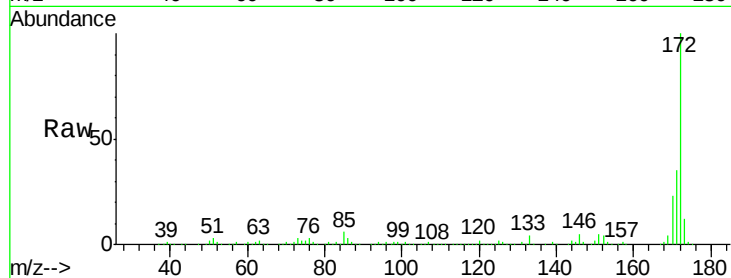




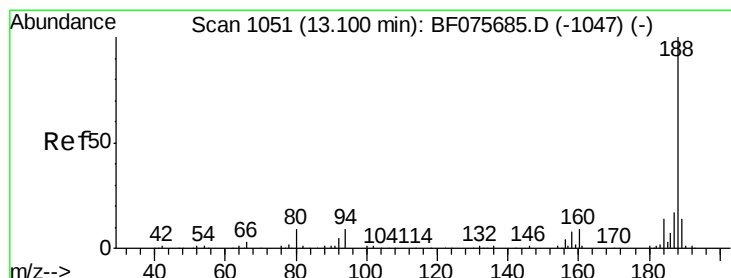
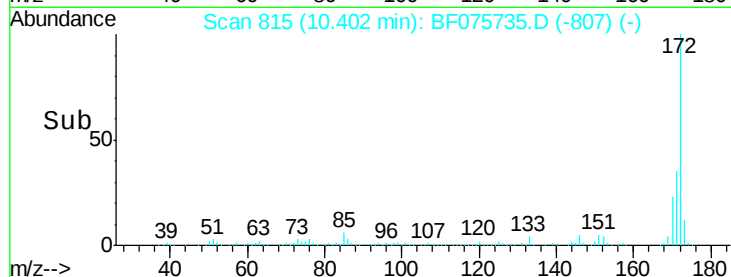
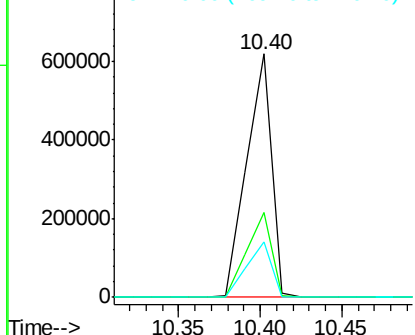
#44
 2-Fluorobiphenyl
 Concen: 81.60 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075735.D
 Acq: 21 Nov 2014 5:07

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:172 Resp: 653717
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.3 40.9
 170 23.0 18.4 27.6

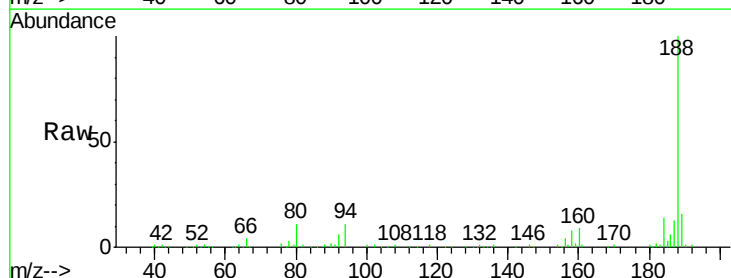


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

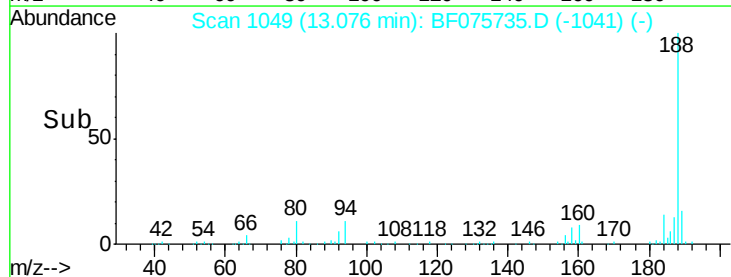
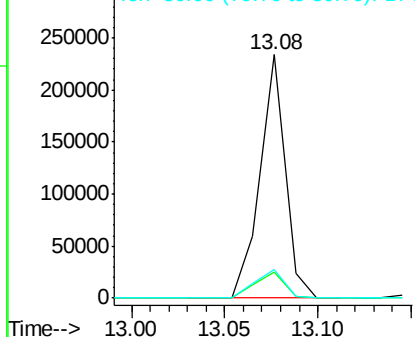


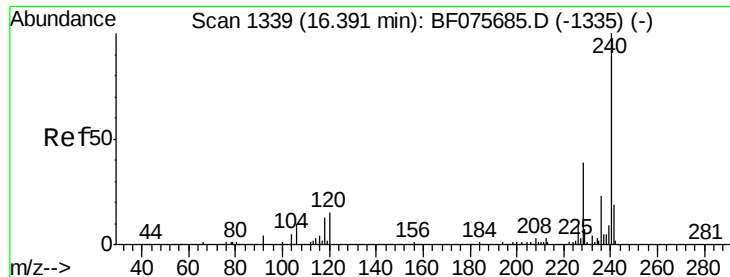
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF075735.D
 Acq: 21 Nov 2014 5:07

Tgt Ion:188 Resp: 217914
 Ion Ratio Lower Upper
 188 100
 94 10.7 7.8 11.6
 80 11.5 8.0 12.0



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: 16.36 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BF075735.D

Acq: 21 Nov 2014 5:07

Instrument :

BNA_F

ClientSampleId :

DSN001

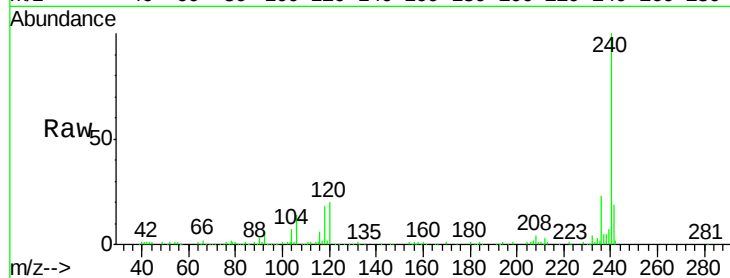
Tgt Ion:240 Resp: 233503

Ion Ratio Lower Upper

240 100

120 20.5 9.6 14.4#

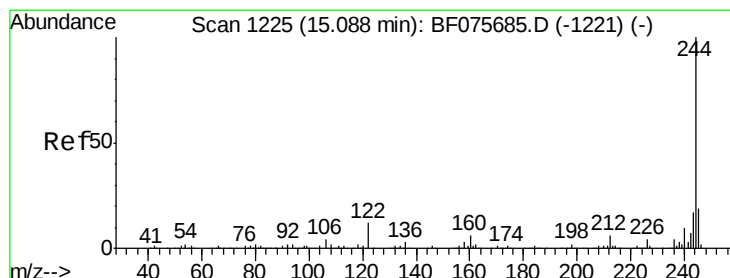
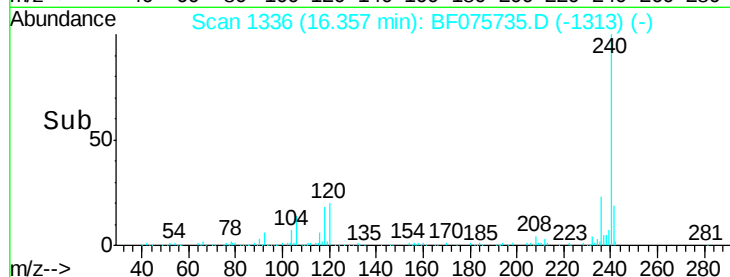
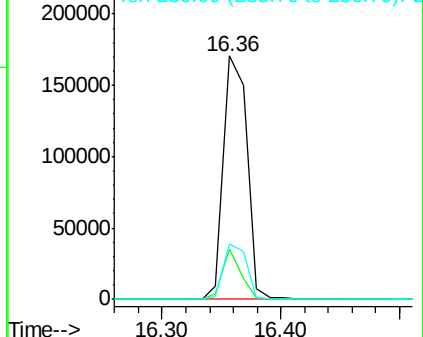
236 22.7 18.9 28.3



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: 71.50 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF075735.D

Acq: 21 Nov 2014 5:07

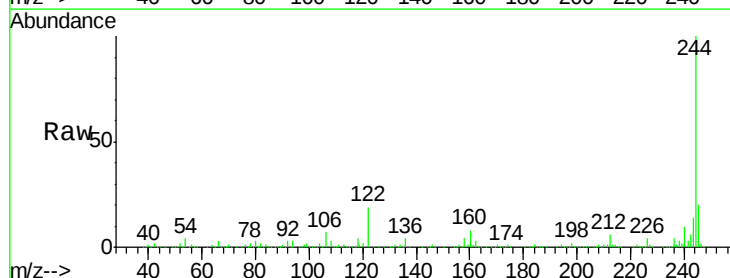
Tgt Ion:244 Resp: 667480

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

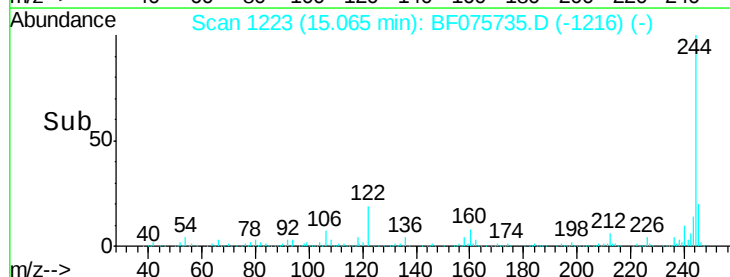
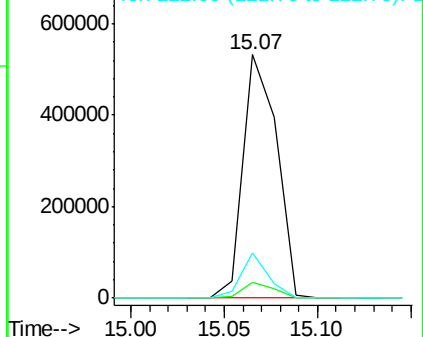
122 18.7 9.7 14.5#

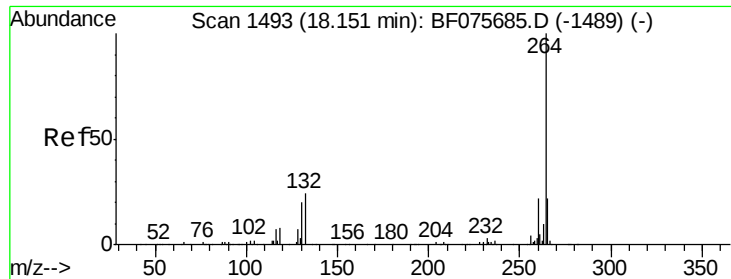


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.08 min Scan# 1487
Delta R.T. -0.08 min
Lab File: BF075735.D
Acq: 21 Nov 2014 5:07

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion: 264 Resp: 245169
Ion Ratio Lower Upper
264 100
260 22.9 17.9 26.9
265 21.0 16.3 24.5

