

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075723.D
 Acq On : 20 Nov 2014 23:22
 Operator : TP / JJ
 Sample : PB80450BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80450BL

Quant Time: Nov 21 04:52:51 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	65323	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	271932	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	137324	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	233477	20.00	ng	-0.01
75) Chrysene-d12	16.36	240	247884	20.00	ng	-0.03
86) Perylene-d12	18.07	264	254865	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	320480	76.22	ng	-0.02
7) Phenol-d6	7.03	99	393000	76.86	ng	-0.01
23) Nitrobenzene-d5	8.16	82	333117	75.19	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	84901	75.83	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	684449	78.03	ng	-0.01
78) Terphenyl-d14	15.07	244	718473	72.50	ng	-0.02

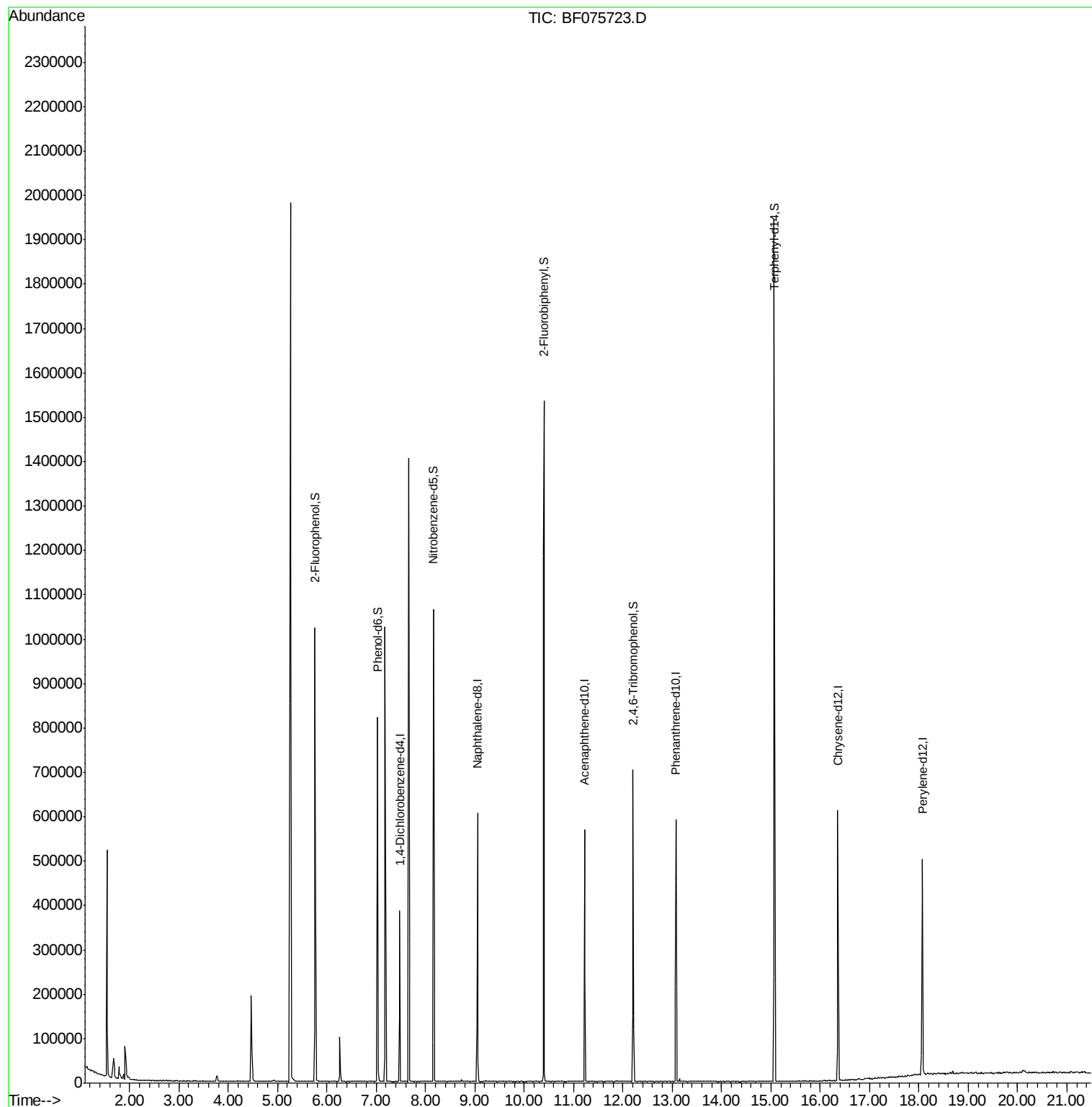
Target Compounds	Qvalue
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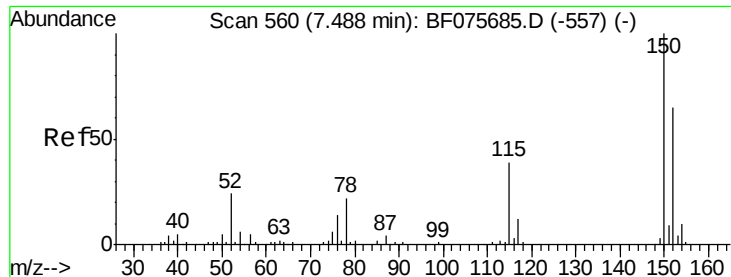
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 19 18:09:59 2014
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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: BF075723.D

Acq: 20 Nov 2014 23:22

Instrument :

BNA_F

ClientSampled :

PB80450BL

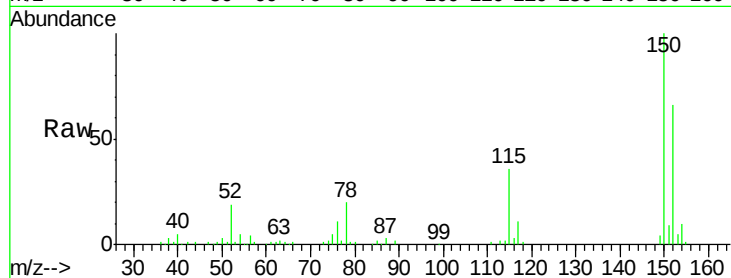
Tgt Ion:152 Resp: 65323

Ion Ratio Lower Upper

152 100

150 152.4 127.2 190.8

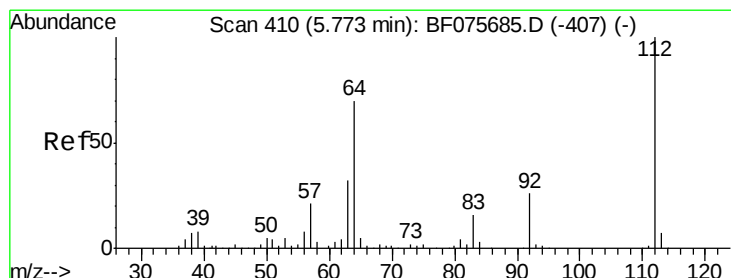
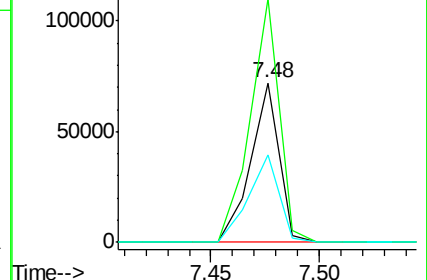
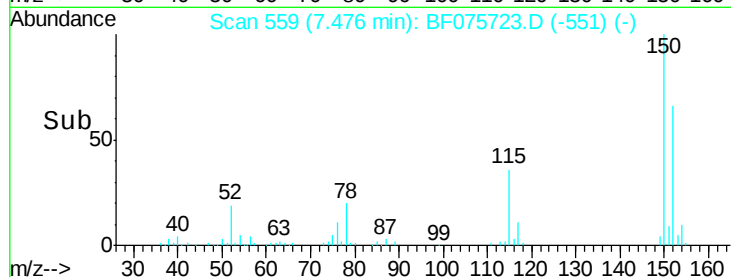
115 54.8 57.1 85.7#



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: 76.22 ng

RT: 5.76 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF075723.D

Acq: 20 Nov 2014 23:22

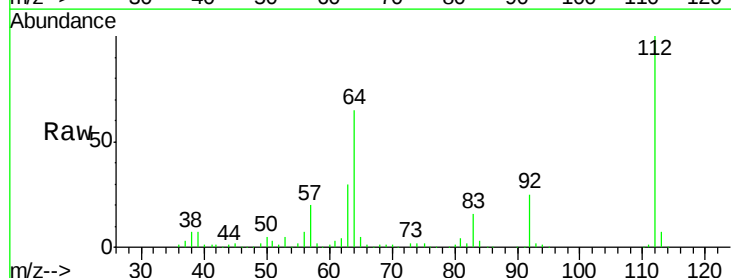
Tgt Ion:112 Resp: 320480

Ion Ratio Lower Upper

112 100

64 65.3 45.8 68.6

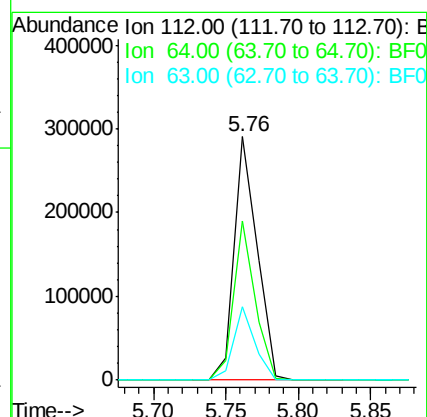
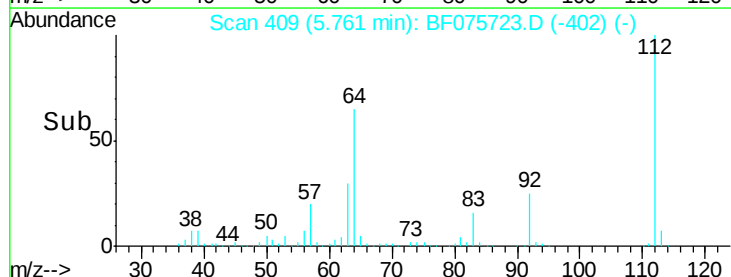
63 30.4 22.7 34.1

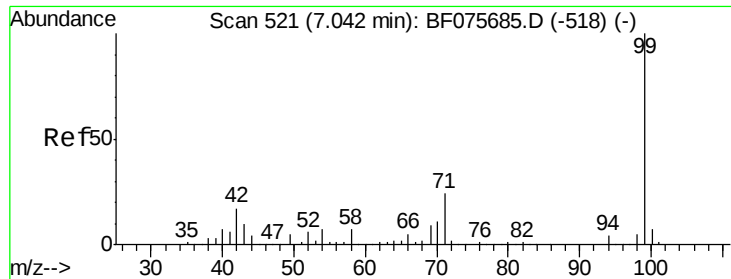


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.86 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075723.D

Acq: 20 Nov 2014 23:22

Instrument :

BNA_F

ClientSampleId :

PB80450BL

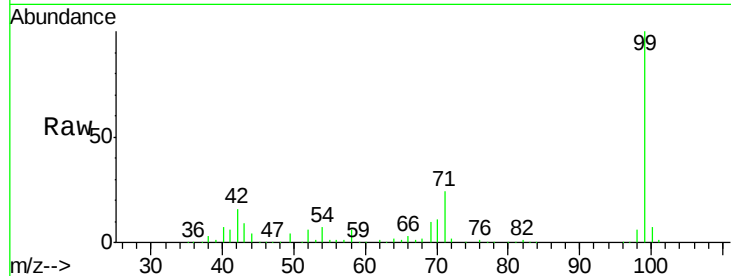
Tgt Ion: 99 Resp: 393000

Ion Ratio Lower Upper

99 100

42 16.0 19.8 29.6#

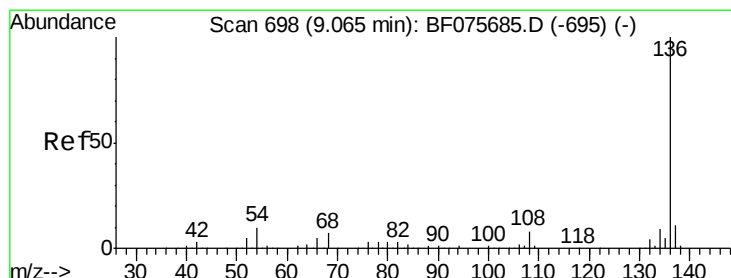
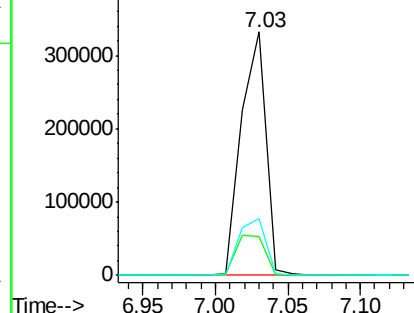
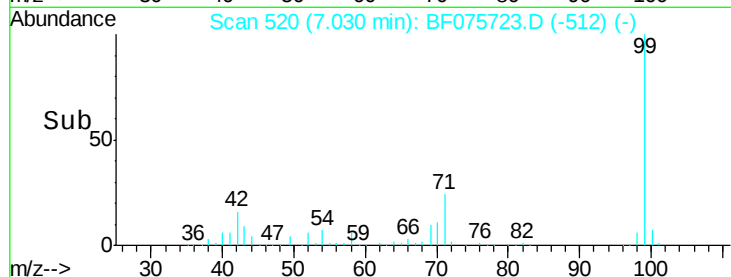
71 23.6 25.5 38.3#



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: BF075723.D

Acq: 20 Nov 2014 23:22

Tgt Ion: 136 Resp: 271932

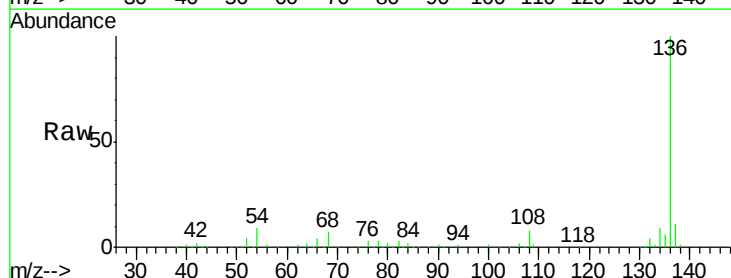
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

54 9.0 6.2 9.4

68 6.6 3.4 5.2#

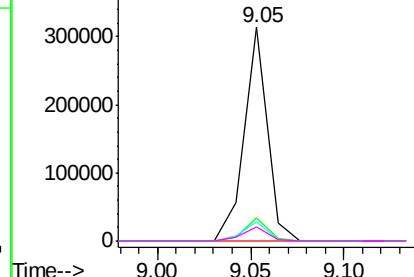
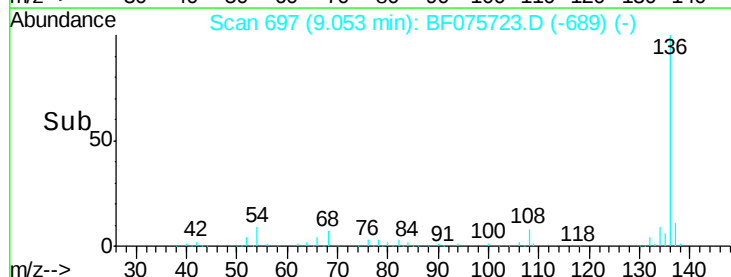


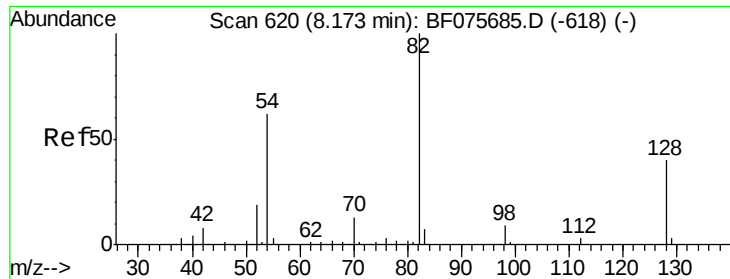
Abundance Ion 136.00 (135.70 to 136.70): E

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

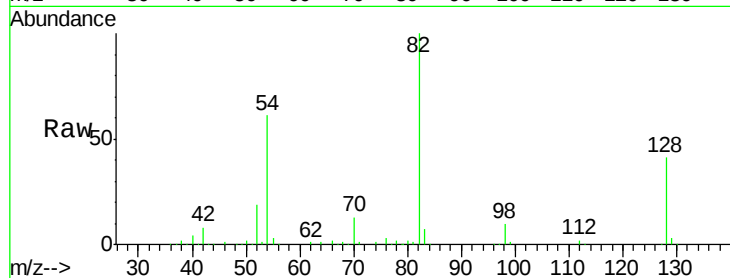




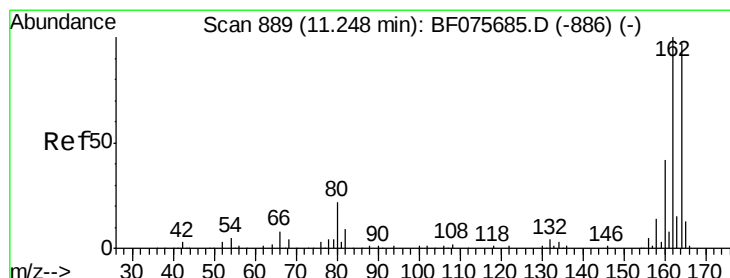
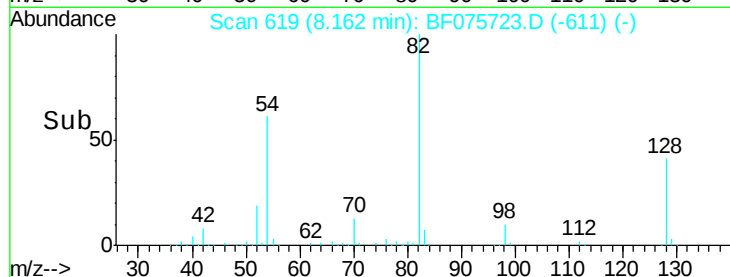
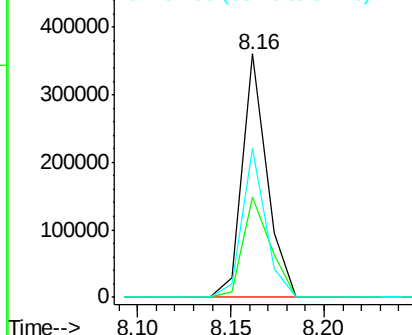
#23
Nitrobenzene-d5
Concen: 75.19 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF075723.D
Acq: 20 Nov 2014 23:22

Instrument :
BNA_F
ClientSampleId :
PB80450BL

Tgt Ion: 82 Resp: 333117
Ion Ratio Lower Upper
82 100
128 41.3 37.8 56.6
54 60.9 49.8 74.8

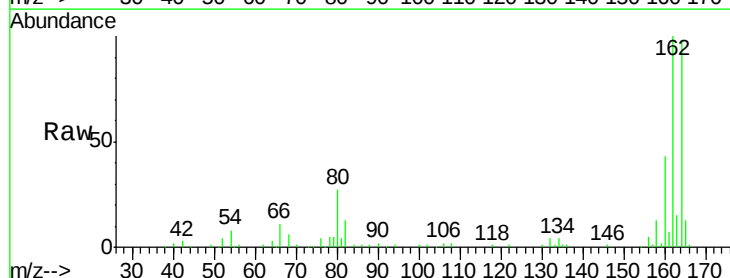


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

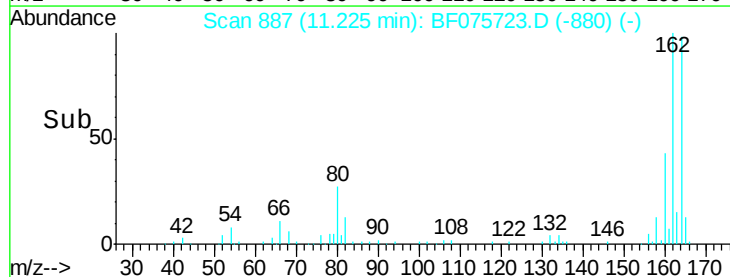
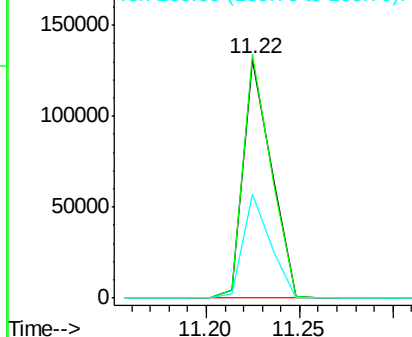


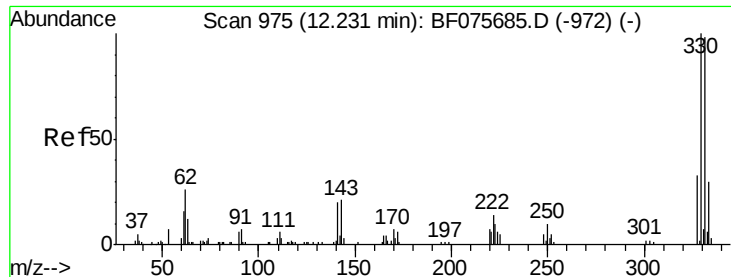
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF075723.D
Acq: 20 Nov 2014 23:22

Tgt Ion: 164 Resp: 137324
Ion Ratio Lower Upper
164 100
162 101.9 79.1 118.7
160 43.7 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

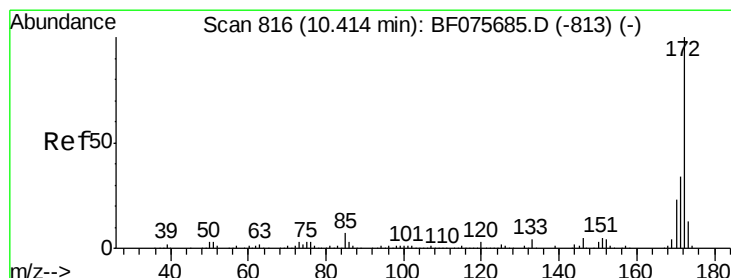
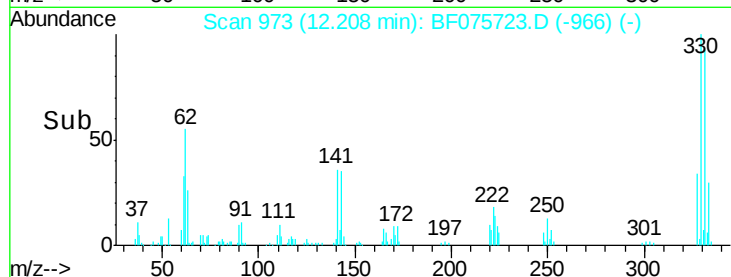
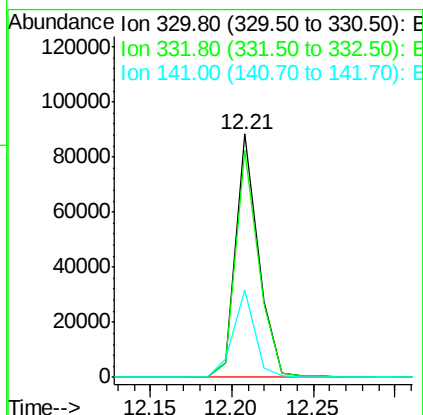
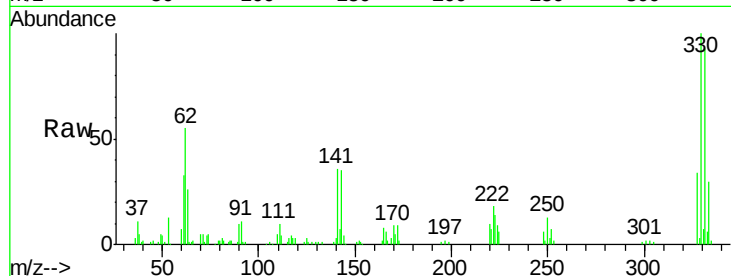




#41
 2,4,6-Tribromophenol
 Concen: 75.83 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF075723.D
 Acq: 20 Nov 2014 23:22

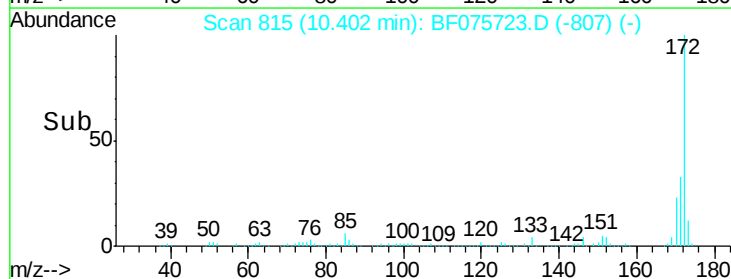
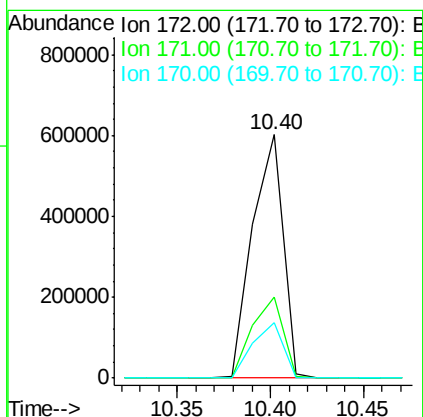
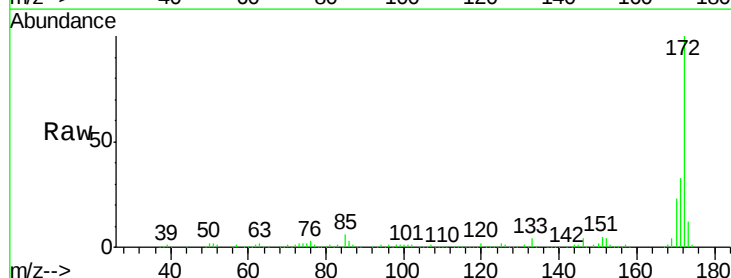
Instrument :
 BNA_F
 ClientSampleId :
 PB80450BL

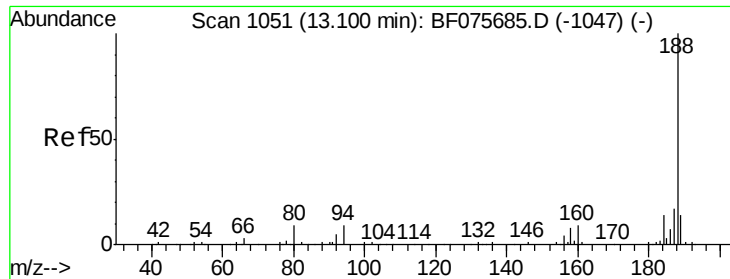
Tgt Ion:330 Resp: 84901
 Ion Ratio Lower Upper
 330 100
 332 94.5 74.5 111.7
 141 34.1 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 78.03 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075723.D
 Acq: 20 Nov 2014 23:22

Tgt Ion:172 Resp: 684449
 Ion Ratio Lower Upper
 172 100
 171 33.2 27.3 40.9
 170 22.6 18.4 27.6

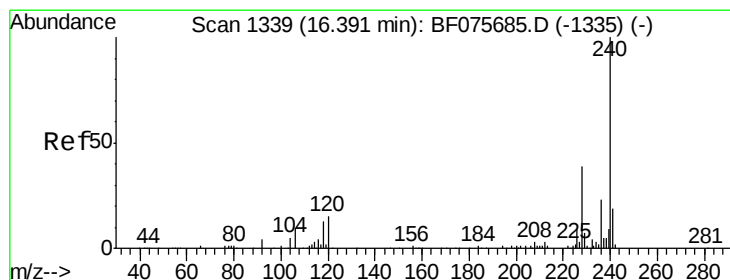
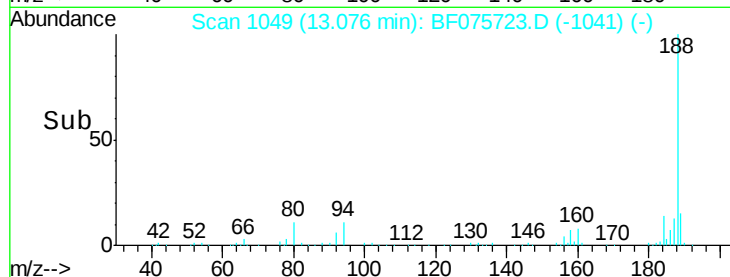
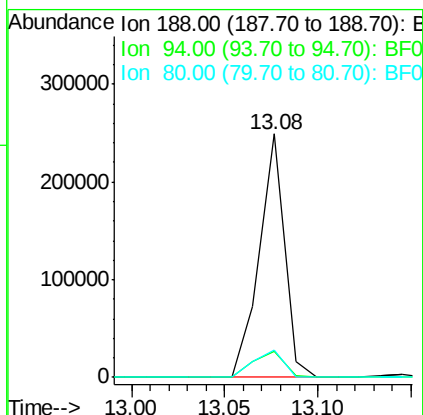
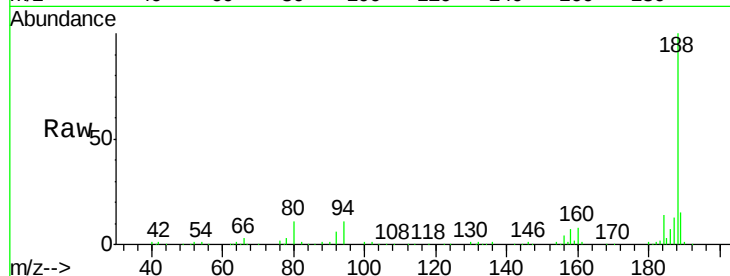




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075723.D
Acq: 20 Nov 2014 23:22

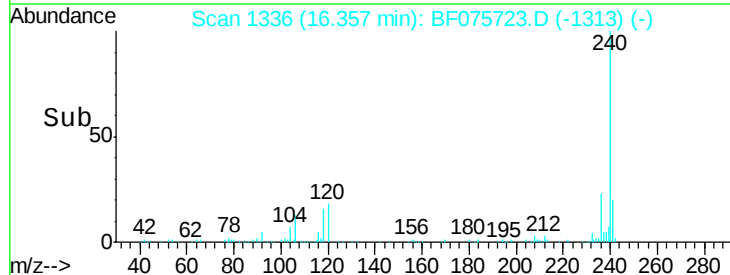
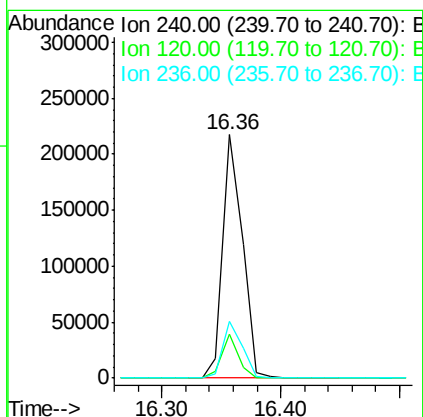
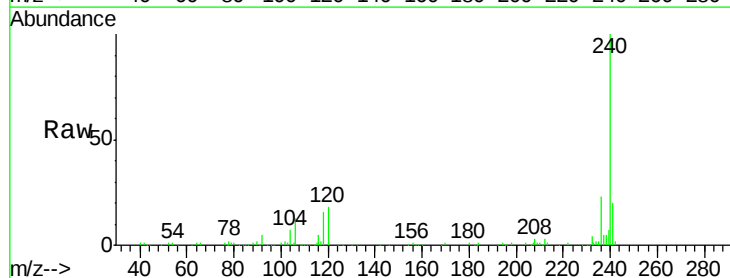
Instrument :
BNA_F
ClientSampleId :
PB80450BL

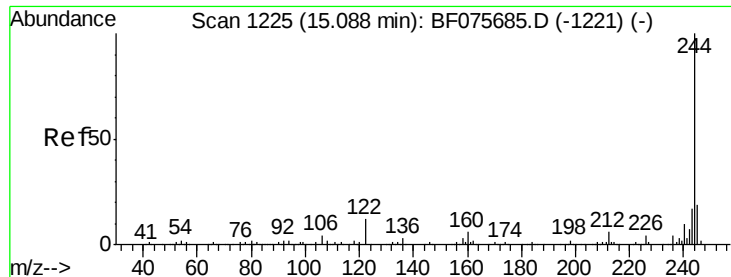
Tgt Ion:188 Resp: 233477
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.0 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.36 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF075723.D
Acq: 20 Nov 2014 23:22

Tgt Ion:240 Resp: 247884
Ion Ratio Lower Upper
240 100
120 18.0 9.6 14.4#
236 23.2 18.9 28.3

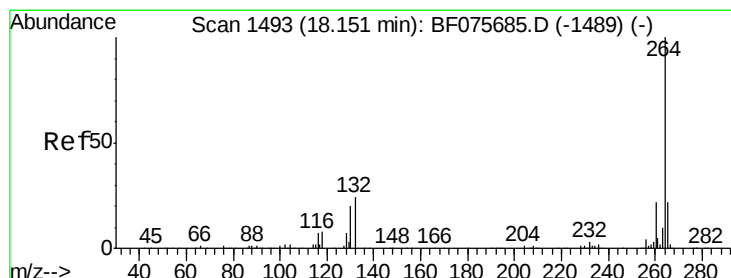
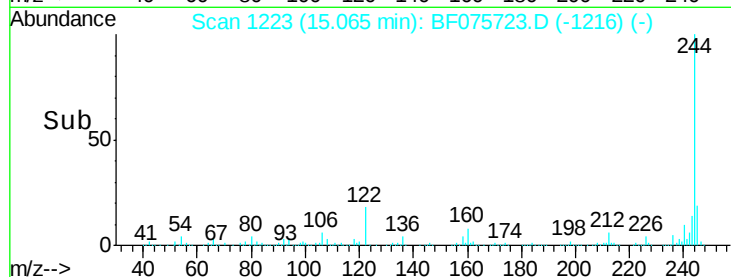
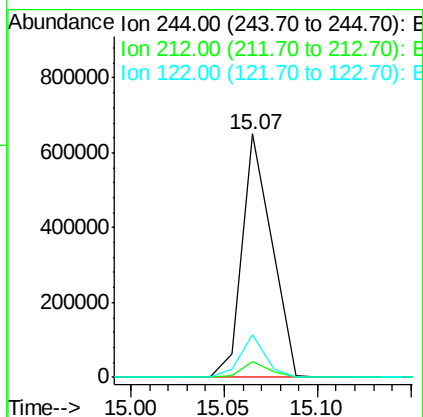
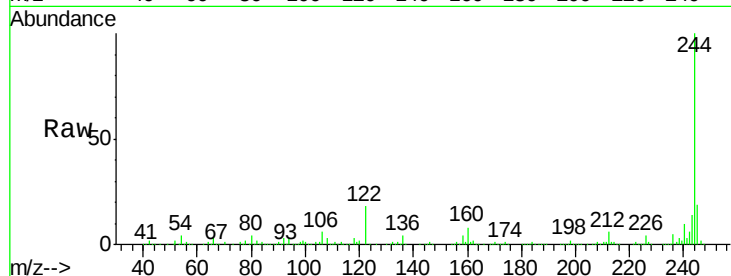




#78
 Terphenyl-d14
 Concen: 72.50 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF075723.D
 Acq: 20 Nov 2014 23:22

Instrument :
 BNA_F
 ClientSampleId :
 PB80450BL

Tgt Ion:244 Resp: 718473
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.5 8.3
 122 17.7 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1486
 Delta R.T. -0.09 min
 Lab File: BF075723.D
 Acq: 20 Nov 2014 23:22

Tgt Ion:264 Resp: 254865
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.9 26.9
 265 21.5 16.3 24.5

