

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078980.D
 Acq On : 7 May 2015 5:42
 Operator : TP/IZ
 Sample : G2034-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-20

Quant Time: May 07 07:05:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 05:28:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	71010	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	304188	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	146608	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	285574	20.00	ng	0.00
75) Chrysene-d12	16.25	240	317023	20.00	ng	0.00
86) Perylene-d12	18.01	264	313129	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	232826	56.44	ng	0.00
7) Phenol-d6	6.90	99	186849	34.27	ng	0.00
23) Nitrobenzene-d5	8.04	82	429638	81.17	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	215767	136.04	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	854603	81.21	ng	0.00
78) Terphenyl-d14	14.95	244	850888	64.26	ng	0.00

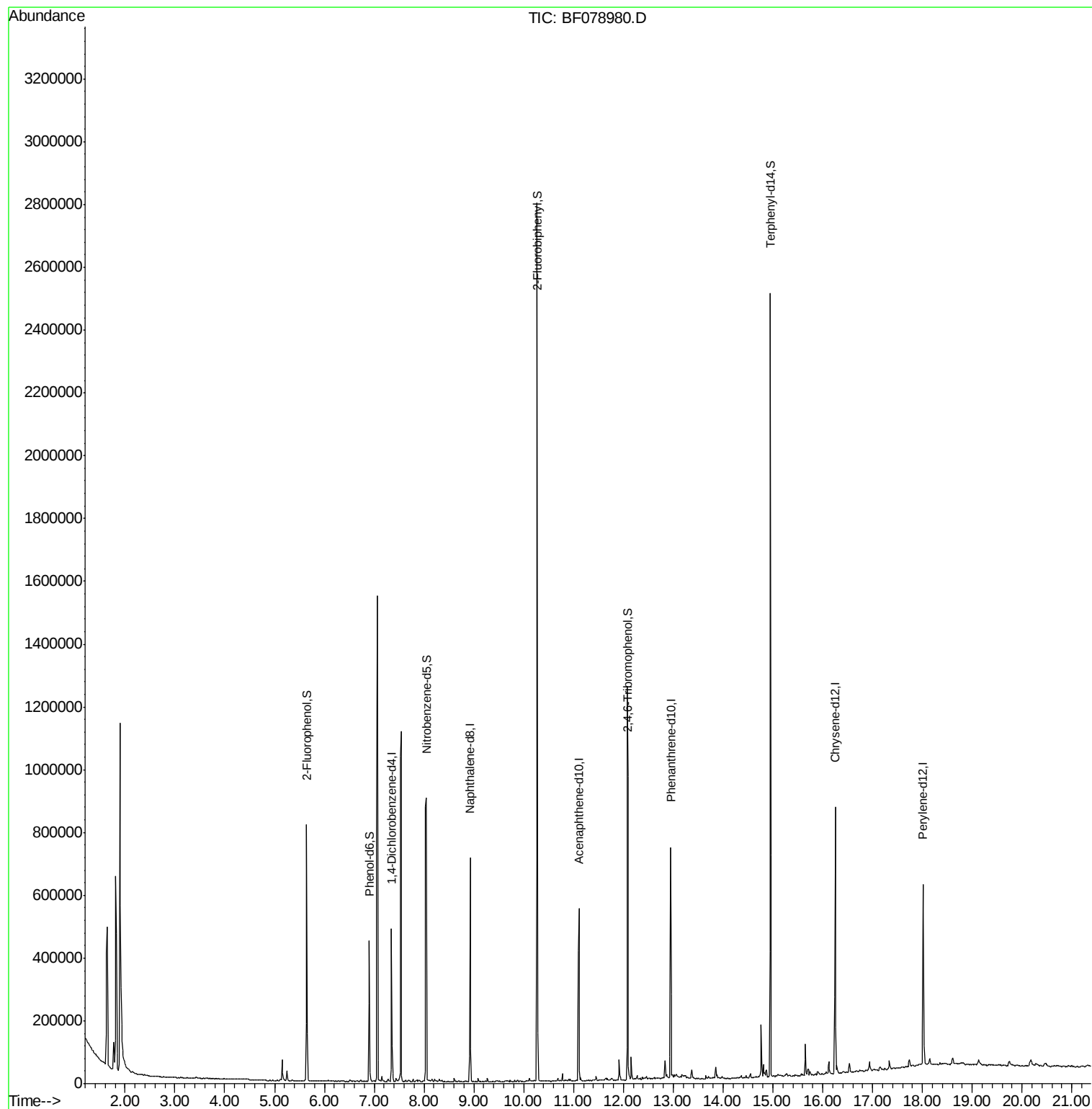
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF078980.D

Acq: 7 May 2015 5:42

Instrument :

BNA_F

ClientSampleId :

W-20

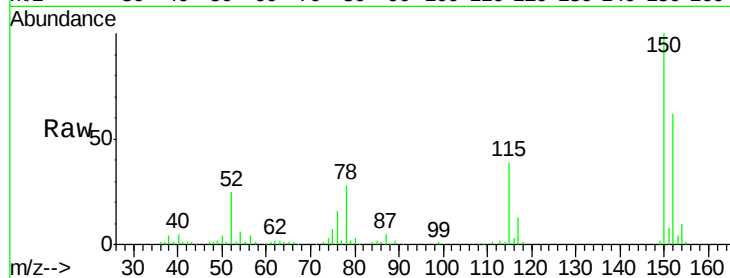
Tot Ion:152 Resp: 71010

Ion Ratio Lower Upper

152 100

150 160.9 122.0 183.0

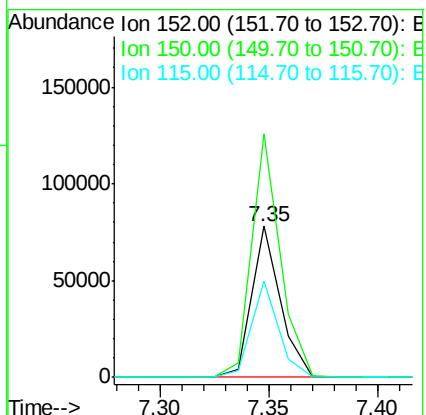
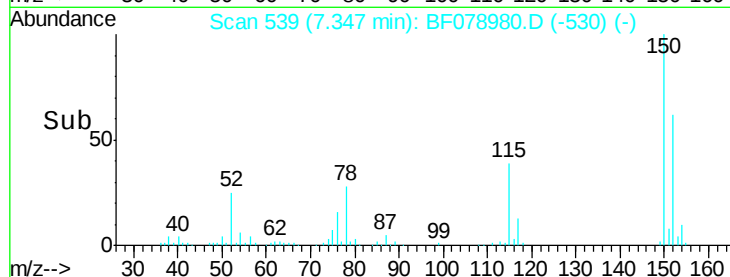
115 63.3 46.3 69.5



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: 56.44 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF078980.D

Acq: 7 May 2015 5:42

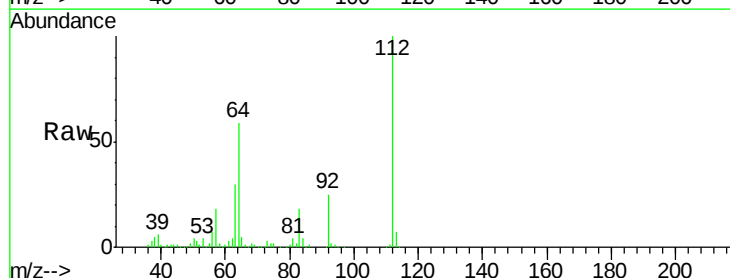
Tgt Ion:112 Resp: 232826

Ion Ratio Lower Upper

112 100

64 58.8 53.5 80.3

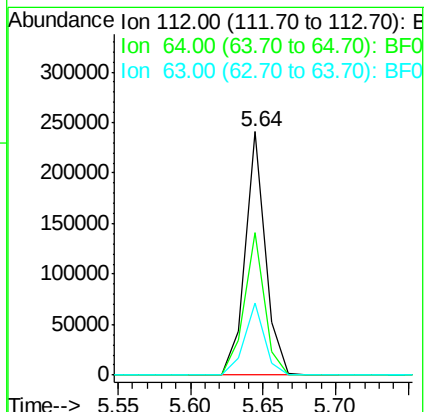
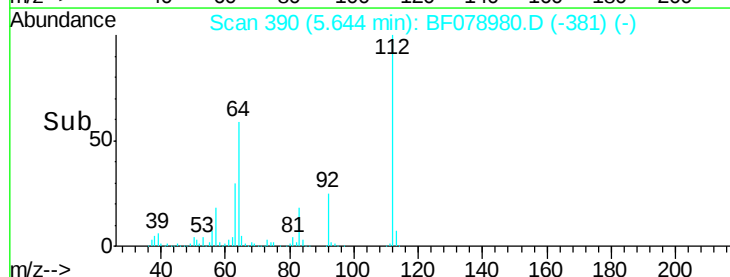
63 29.7 27.5 41.3



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: 34.27 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078980.D

Acq: 7 May 2015 5:42

Instrument :

BNA_F

ClientSampleId :

W-20

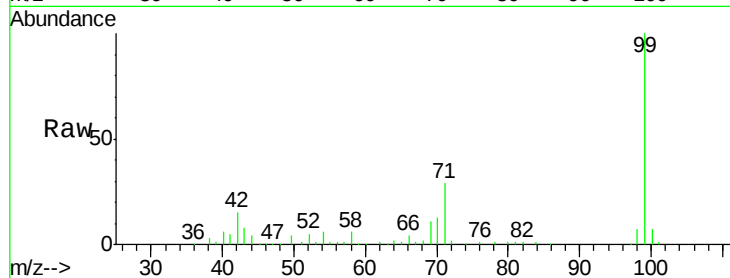
Tot Ion: 99 Resp: 186849

Ion Ratio Lower Upper

99 100

42 15.2 12.8 19.2

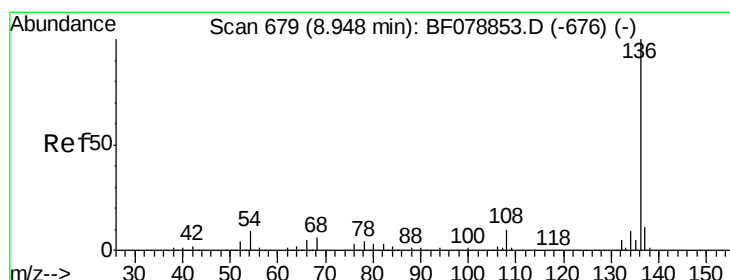
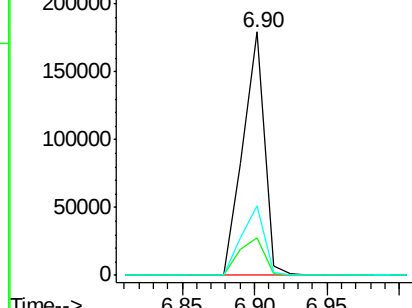
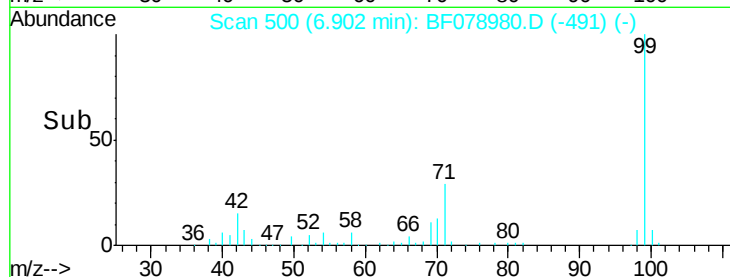
71 28.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078980.D

Acq: 7 May 2015 5:42

Tgt Ion: 136 Resp: 304188

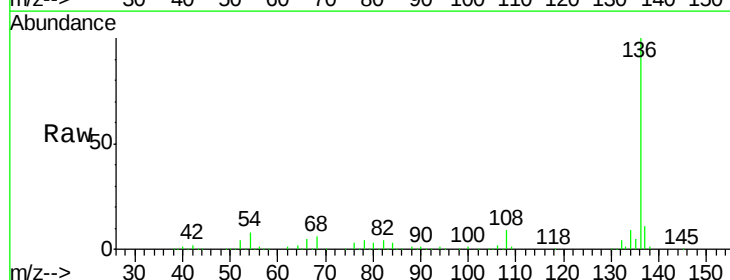
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.1 5.8 8.8

68 6.3 4.2 6.4

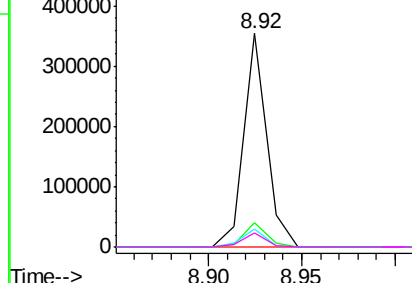
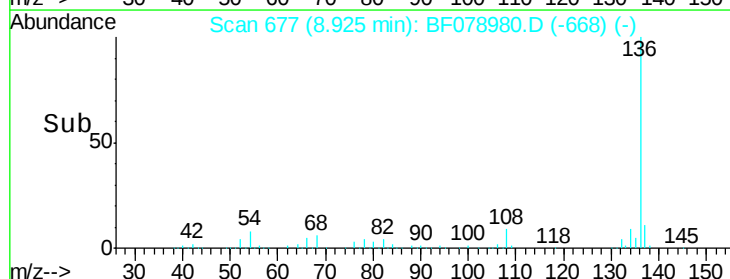


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

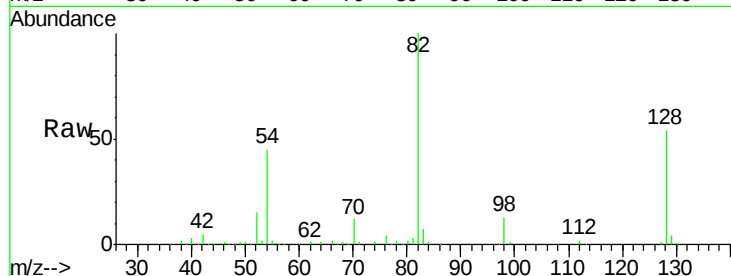




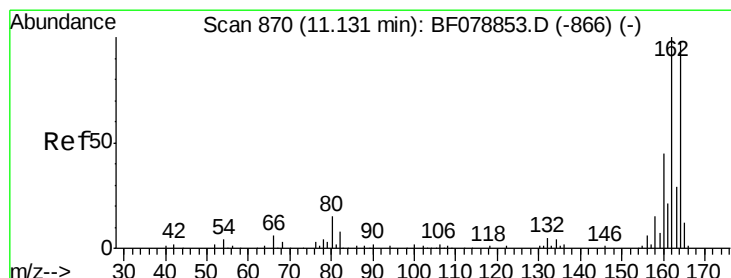
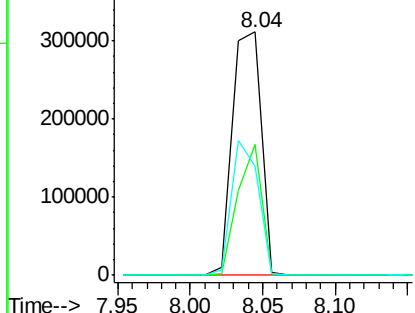
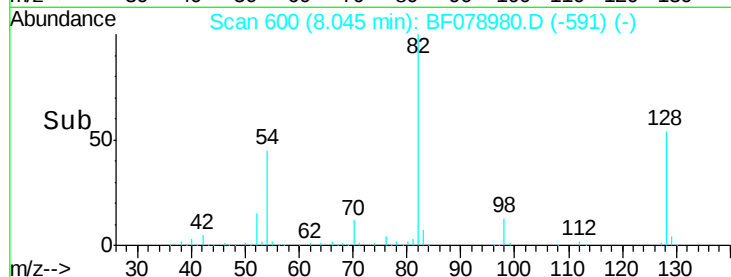
#23
Nitrobenzene-d5
Concen: 81.17 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF078980.D
Acq: 7 May 2015 5:42

Instrument :
BNA_F
ClientSampleId :
W-20

Tot Ion: 82 Resp: 429638
Ion Ratio Lower Upper
82 100
128 53.9 30.0 45.0#
54 44.8 46.4 69.6#

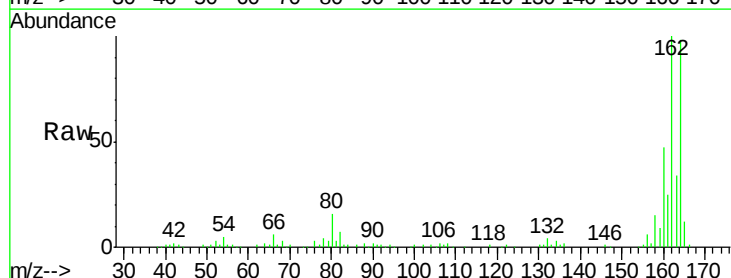


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

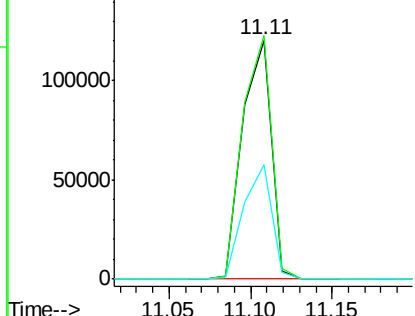
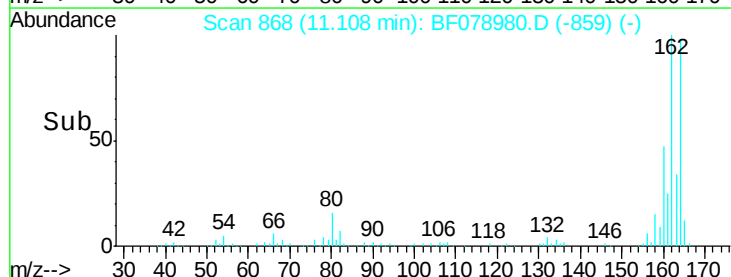


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF078980.D
Acq: 7 May 2015 5:42

Tgt Ion: 164 Resp: 146608
Ion Ratio Lower Upper
164 100
162 102.1 82.7 124.1
160 48.0 35.8 53.8



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

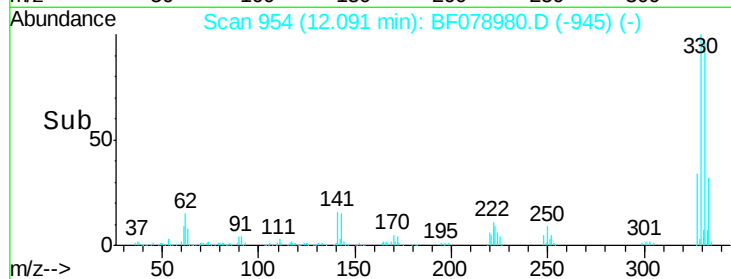
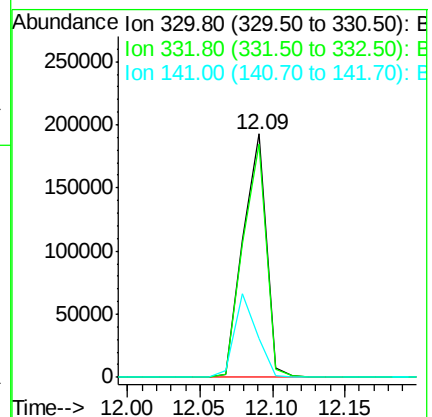
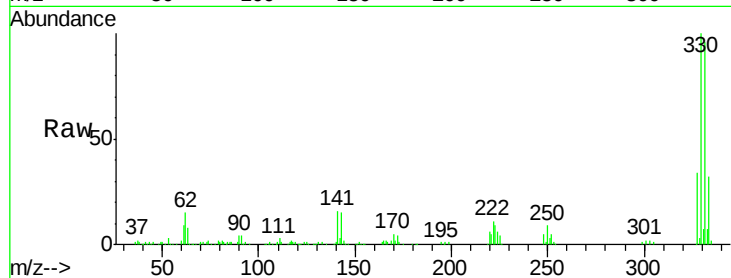




#41
 2,4,6-Tribromophenol
 Concen: 136.04 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078980.D
 Acq: 7 May 2015 5:42

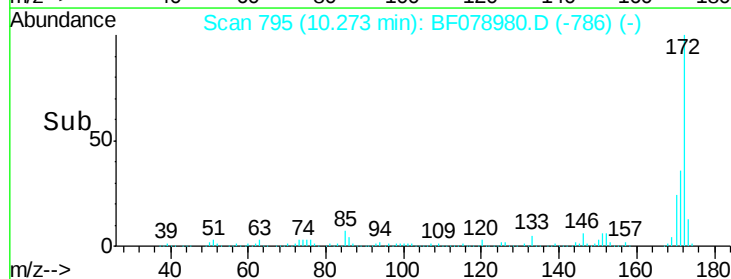
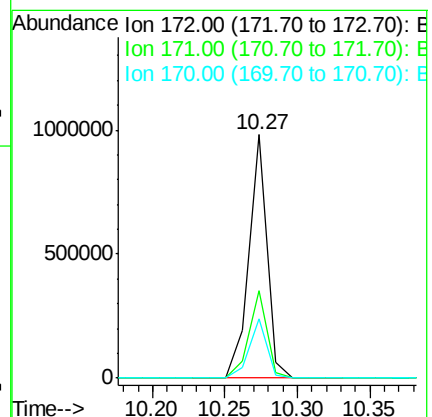
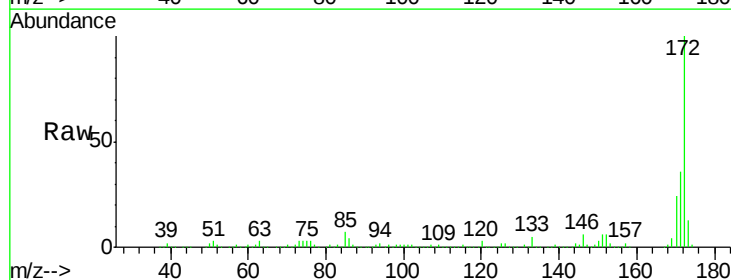
Instrument :
 BNA_F
 ClientSampleId :
 W-20

Tot Ion:330 Resp: 215767
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 33.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 81.21 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078980.D
 Acq: 7 May 2015 5:42

Tgt Ion:172 Resp: 854603
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.9 41.9
 170 24.3 19.4 29.0

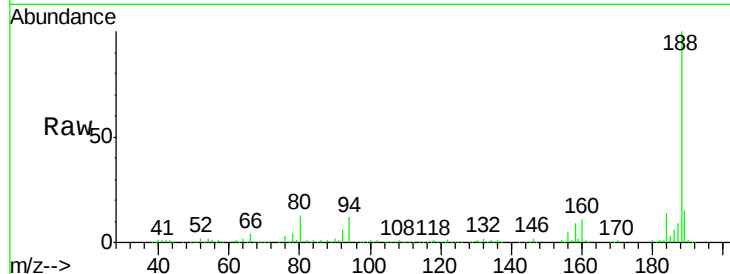




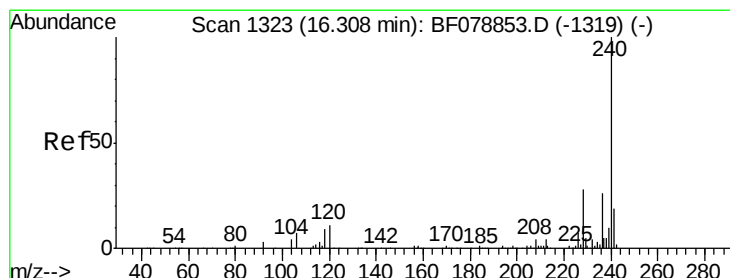
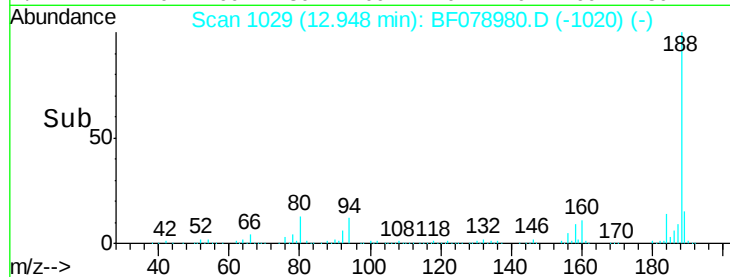
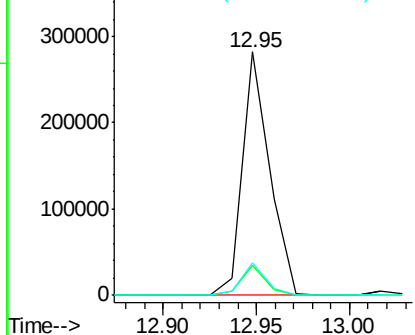
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078980.D
Acq: 7 May 2015 5:42

Instrument :
BNA_F
ClientSampleId :
W-20

Tot Ion:188 Resp: 285574
Ion Ratio Lower Upper
188 100
94 12.3 8.2 12.2#
80 13.3 8.9 13.3

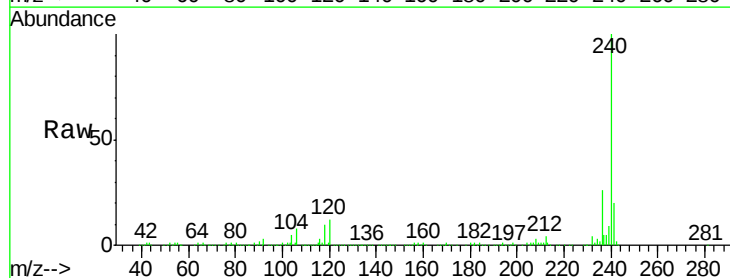


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

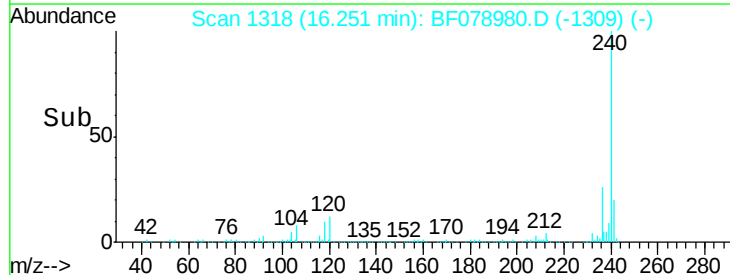
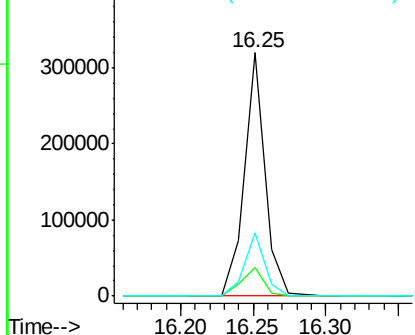


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF078980.D
Acq: 7 May 2015 5:42

Tgt Ion:240 Resp: 317023
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.8 20.2 30.4



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

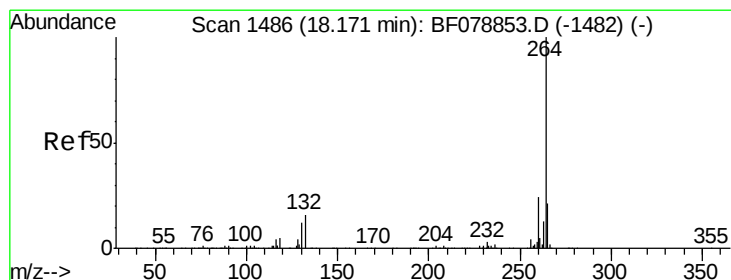
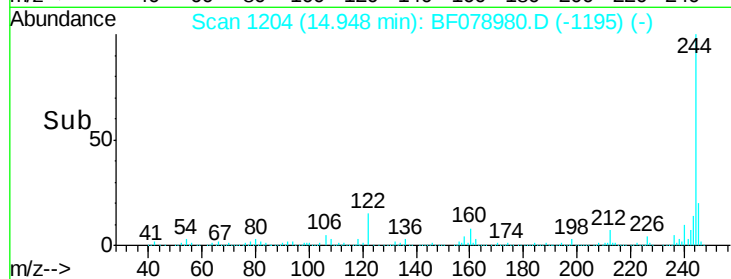
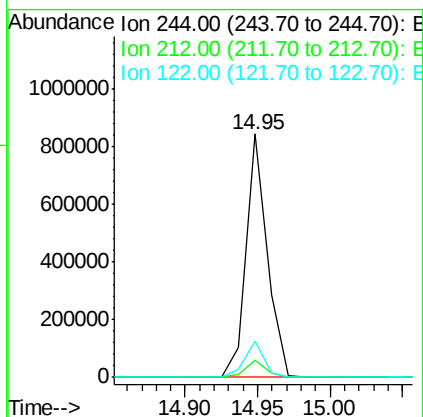
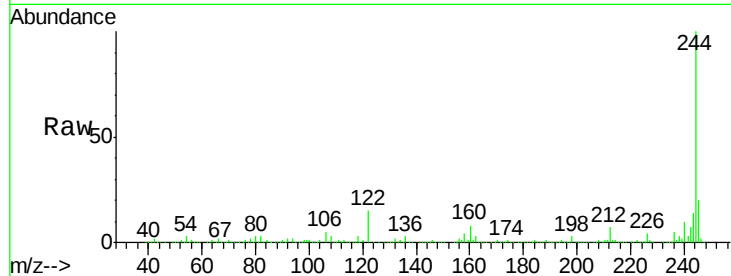




#78
 Terphenyl-d14
 Concen: 64.26 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078980.D
 Acq: 7 May 2015 5:42

Instrument :
 BNA_F
 ClientSampled :
 W-20

Tot Ion:244 Resp: 850888
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 14.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. 0.05 min
 Lab File: BF078980.D
 Acq: 7 May 2015 5:42

Tgt Ion:264 Resp: 313129
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.7 18.3 27.5

