

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079021.D
 Acq On : 8 May 2015 5:09
 Operator : TP/IZ
 Sample : G2076-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Quant Time: May 08 06:19:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:33:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	78417	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	331487	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	166666	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	332482	20.00	ng	0.00
75) Chrysene-d12	16.24	240	371324	20.00	ng	-0.01
86) Perylene-d12	17.99	264	374188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	175983	38.63	ng	0.00
7) Phenol-d6	6.90	99	149193	24.78	ng	0.00
23) Nitrobenzene-d5	8.03	82	417375	72.36	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	193614	107.38	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	801497	67.00	ng	0.00
78) Terphenyl-d14	14.95	244	1025384	66.11	ng	0.00

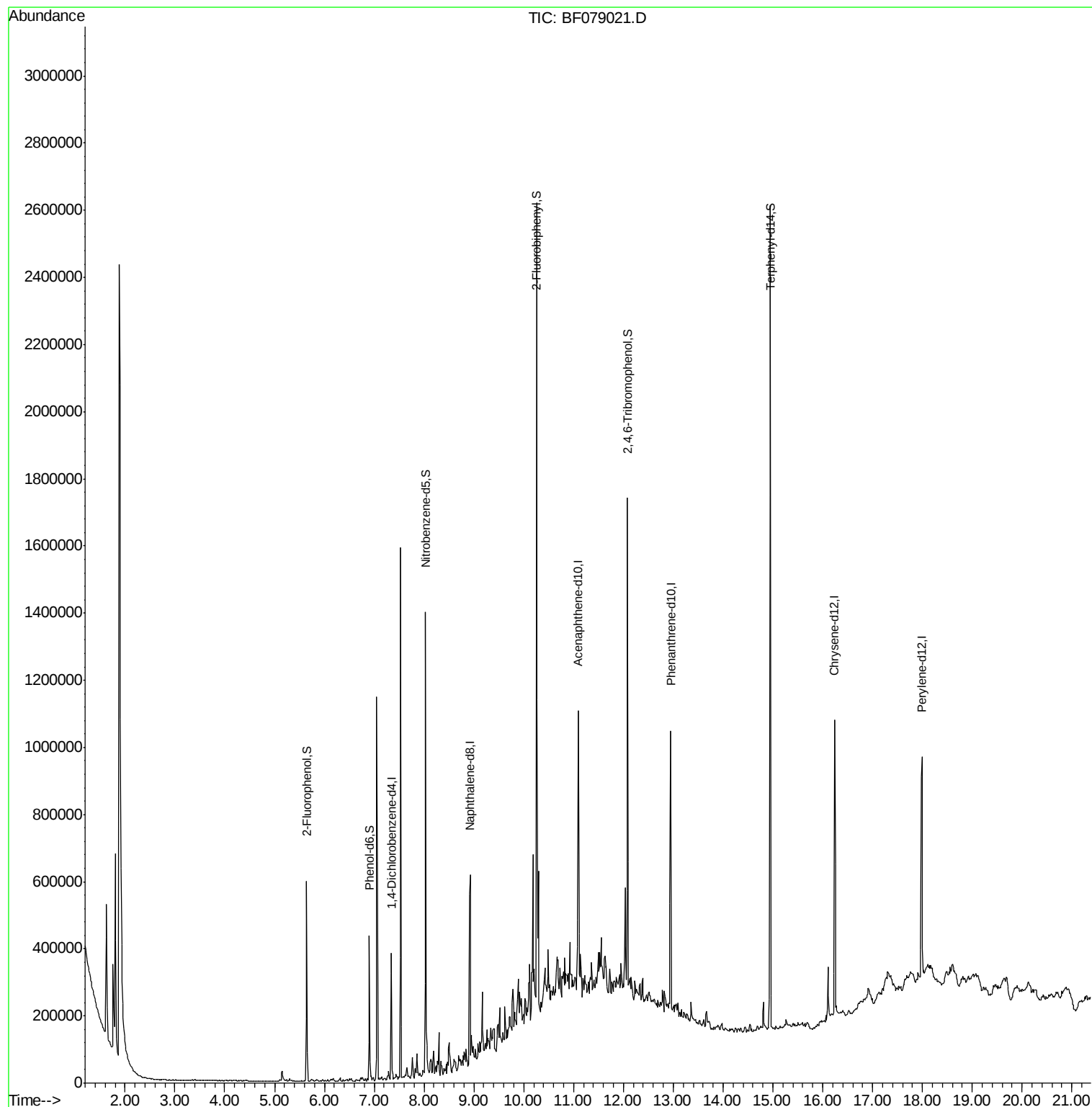
Target Compounds Qvalue

(#) = 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: BF079021.D

Acq: 8 May 2015 5:09

Instrument :

BNA_F

ClientSampled :

W-19

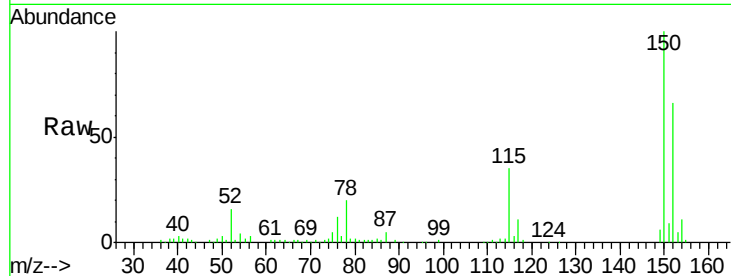
Tot Ion:152 Resp: 78417

Ion Ratio Lower Upper

152 100

150 152.5 122.0 183.0

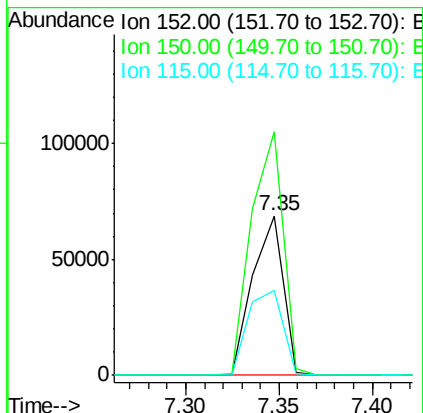
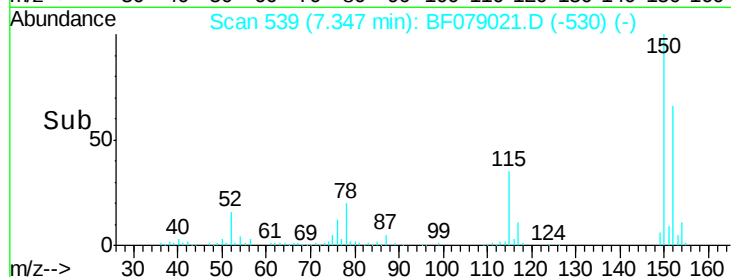
115 53.2 46.3 69.5



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: 38.63 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF079021.D

Acq: 8 May 2015 5:09

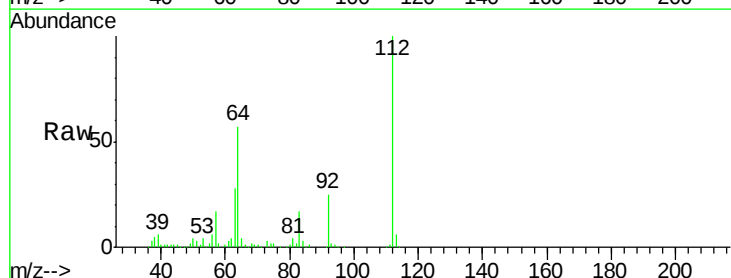
Tgt Ion:112 Resp: 175983

Ion Ratio Lower Upper

112 100

64 56.9 53.5 80.3

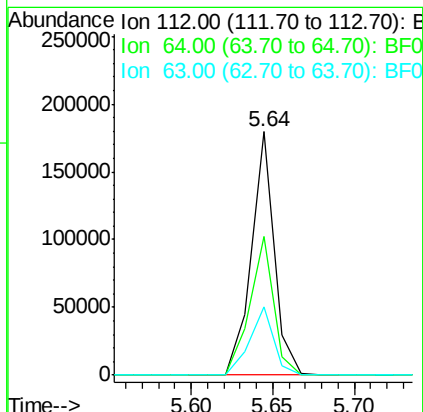
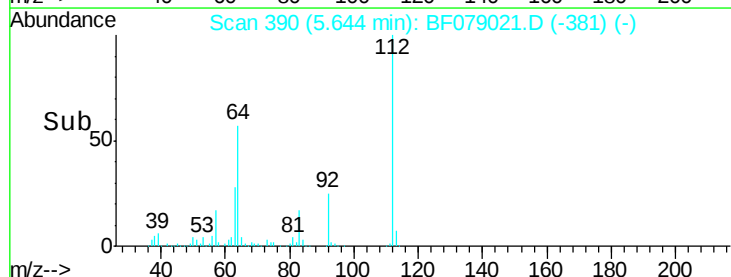
63 28.0 27.5 41.3

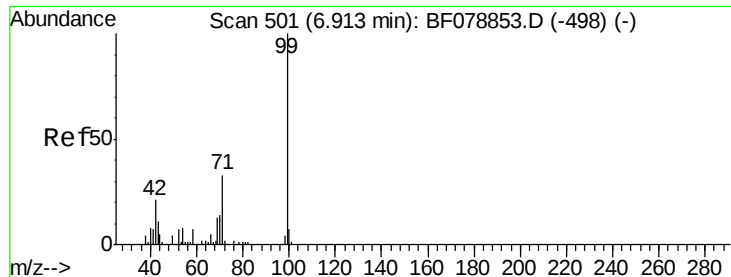


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.78 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079021.D

Acq: 8 May 2015 5:09

Instrument :

BNA_F

ClientSampleId :

W-19

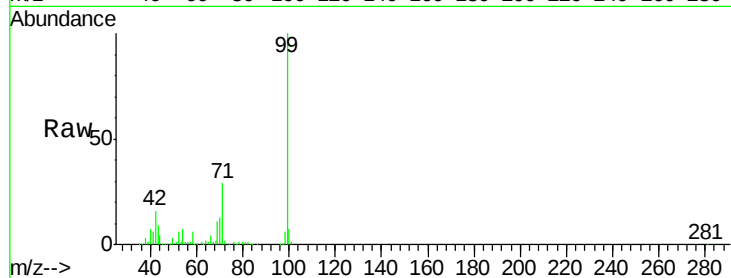
Tot Ion: 99 Resp: 149193

Ion Ratio Lower Upper

99 100

42 15.9 12.8 19.2

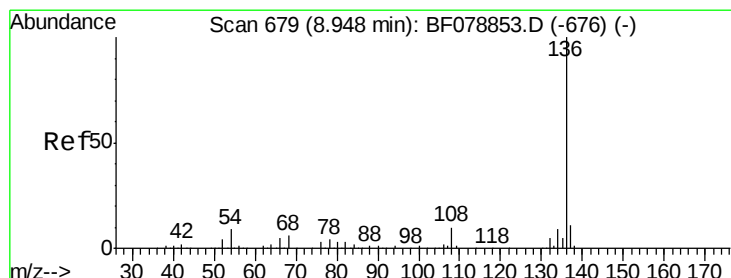
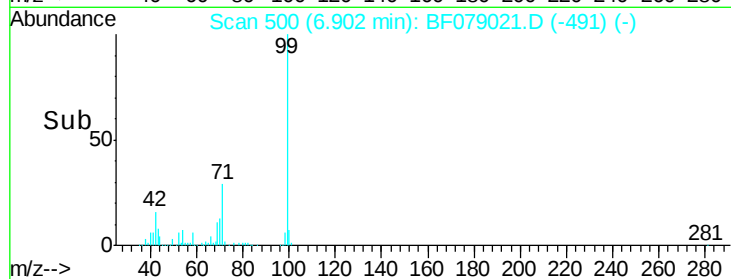
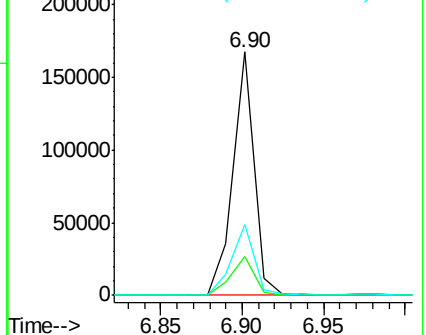
71 29.3 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF079021.D

Acq: 8 May 2015 5:09

Tgt Ion: 136 Resp: 331487

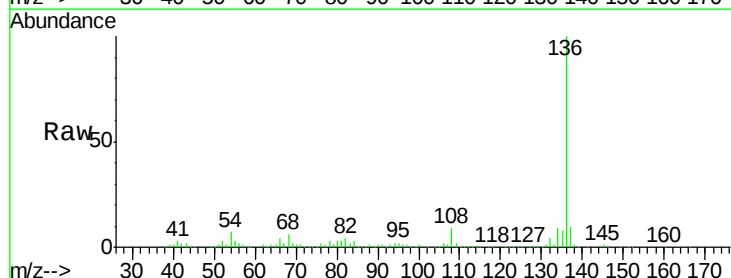
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.7 5.8 8.8

68 5.6 4.2 6.4

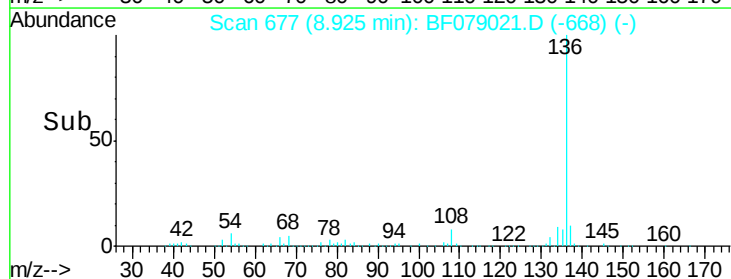
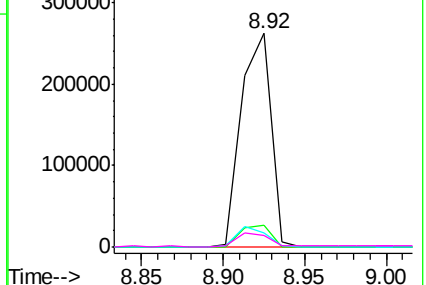


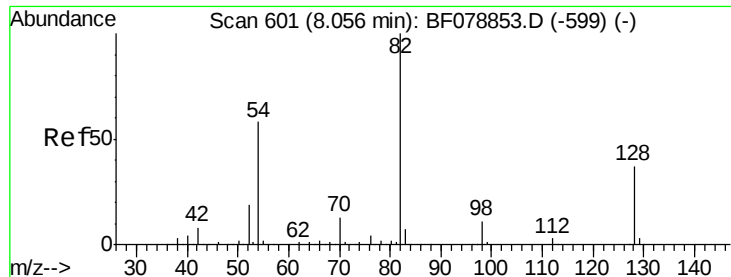
Abundance Ion 136.00 (135.70 to 136.70): E

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

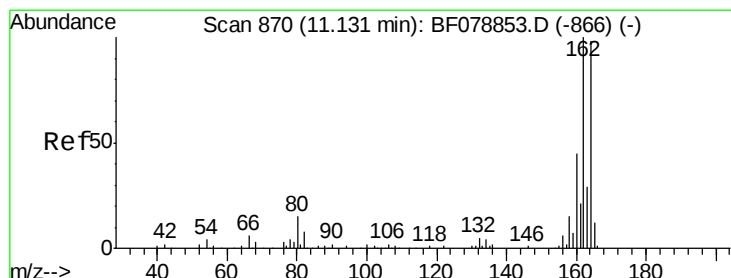
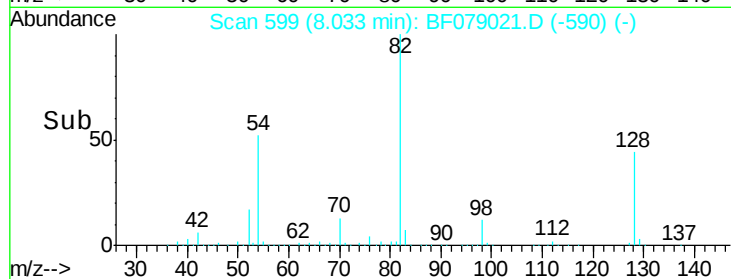
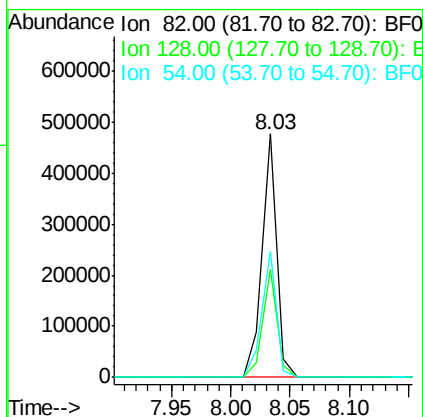
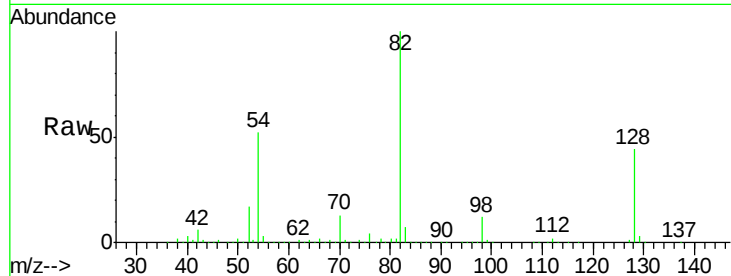




#23
 Nitrobenzene-d5
 Concen: 72.36 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079021.D
 Acq: 8 May 2015 5:09

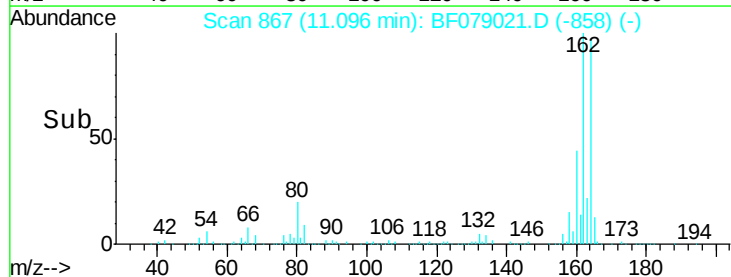
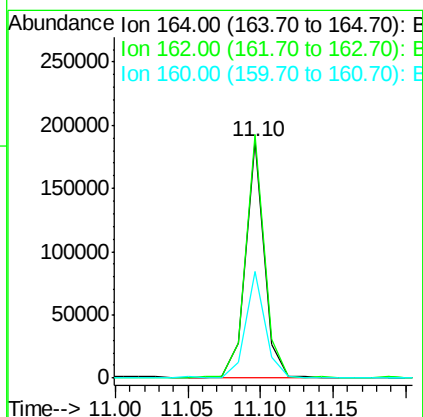
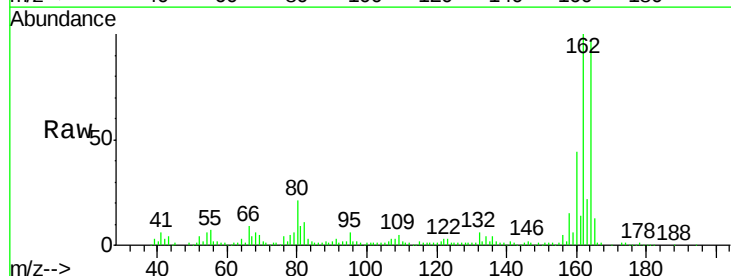
Instrument :
 BNA_F
 ClientSampleId :
 W-19

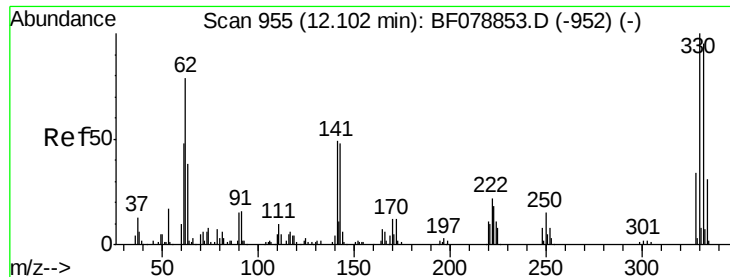
Tot Ion: 82 Resp: 417375
 Ion Ratio Lower Upper
 82 100
 128 44.1 30.0 45.0
 54 51.7 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079021.D
 Acq: 8 May 2015 5:09

Tgt Ion:164 Resp: 166666
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.7 124.1
 160 44.9 35.8 53.8

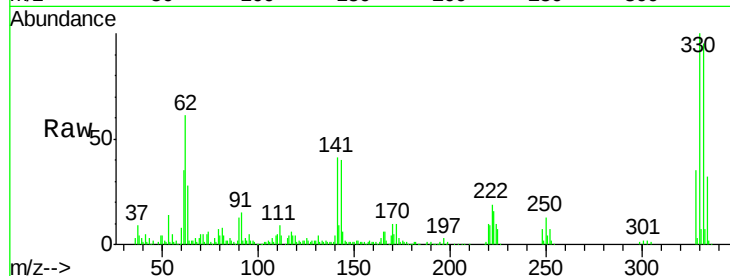




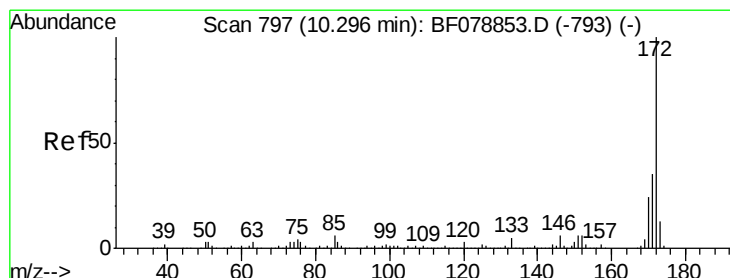
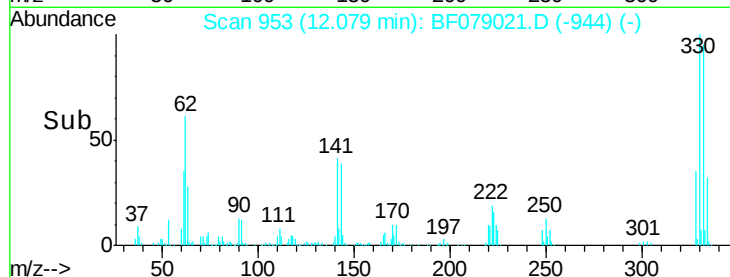
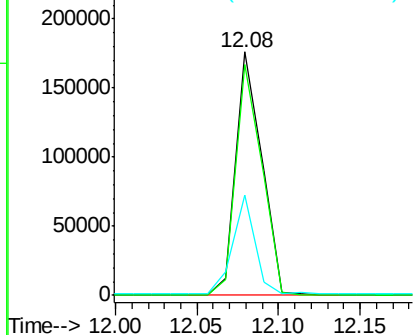
#41
 2,4,6-Tribromophenol
 Concen: 107.38 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079021.D
 Acq: 8 May 2015 5:09

Instrument :
 BNA_F
 ClientSampleId :
 W-19

Tot Ion:330 Resp: 193614
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 36.1 0.0 0.0#

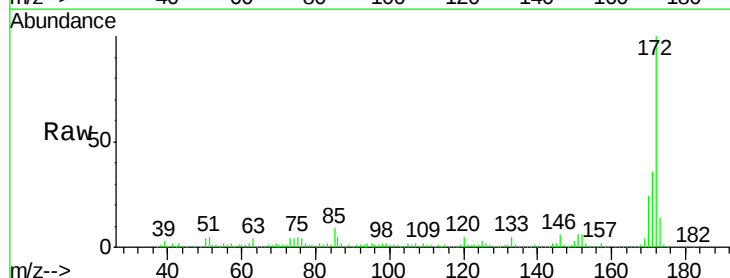


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

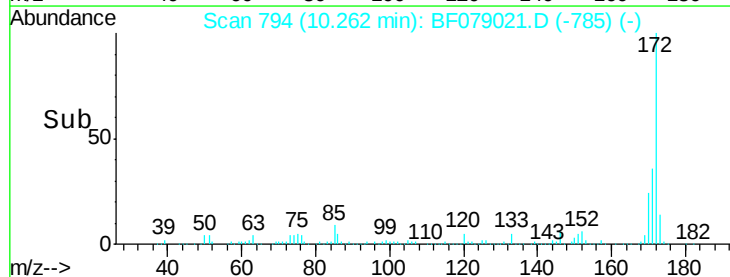
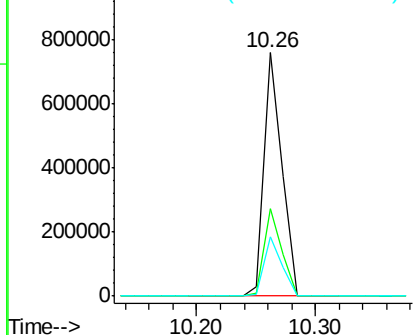


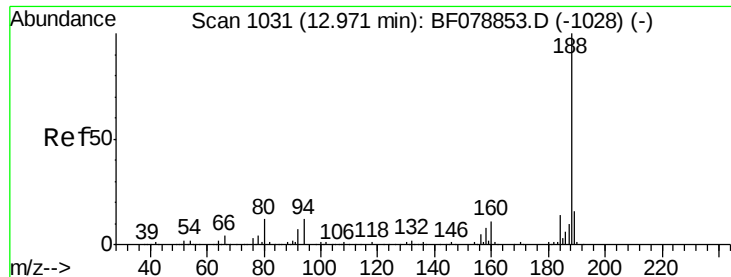
#44
 2-Fluorobiphenyl
 Concen: 67.00 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF079021.D
 Acq: 8 May 2015 5:09

Tgt Ion:172 Resp: 801497
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.9 41.9
 170 24.4 19.4 29.0



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: 12.95 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF079021.D

Acq: 8 May 2015 5:09

Instrument :

BNA_F

ClientSampleId :

W-19

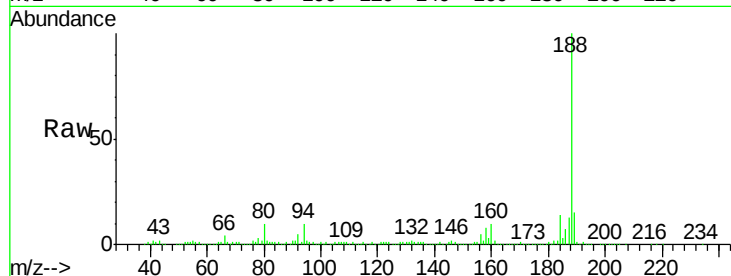
Tot Ion:188 Resp: 332482

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

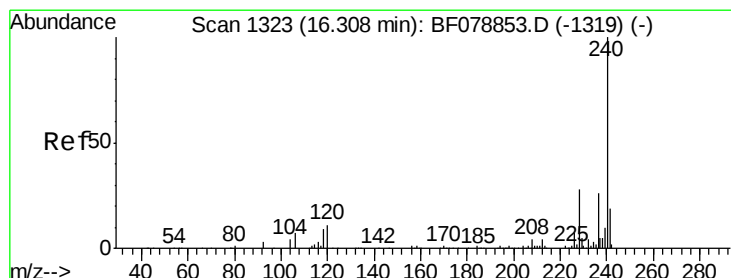
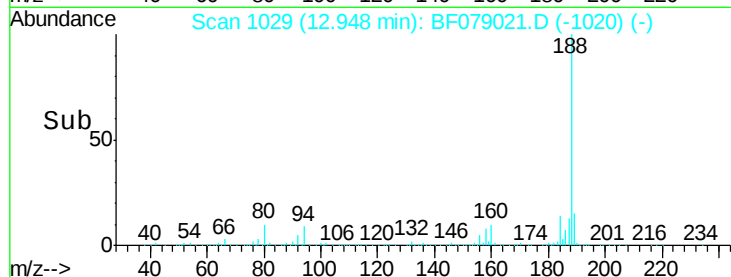
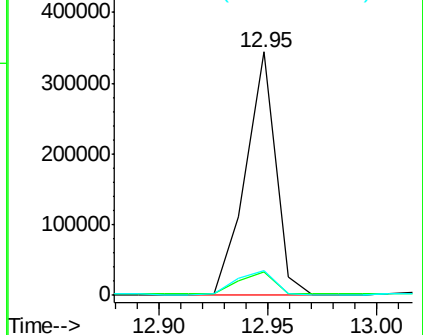
80 10.2 8.9 13.3



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: 16.24 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF079021.D

Acq: 8 May 2015 5:09

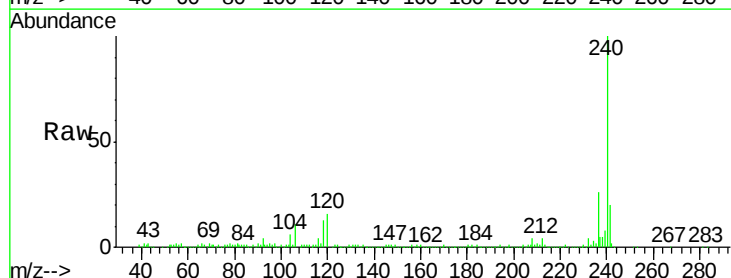
Tgt Ion:240 Resp: 371324

Ion Ratio Lower Upper

240 100

120 15.5 9.7 14.5#

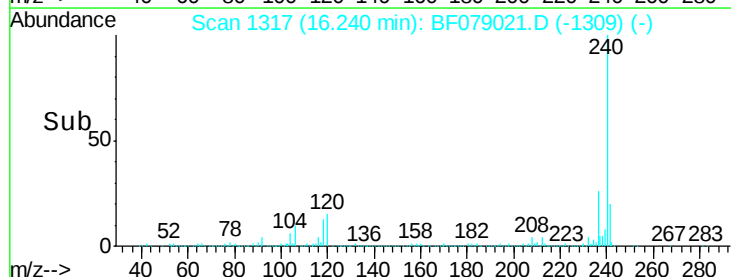
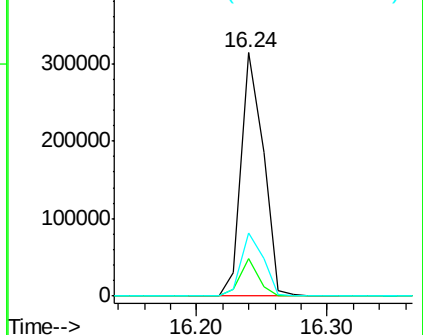
236 26.0 20.2 30.4

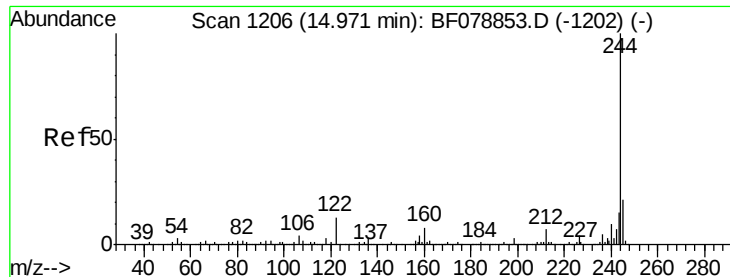


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.11 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF079021.D

Acq: 8 May 2015 5:09

Instrument :

BNA_F

ClientSampleId :

W-19

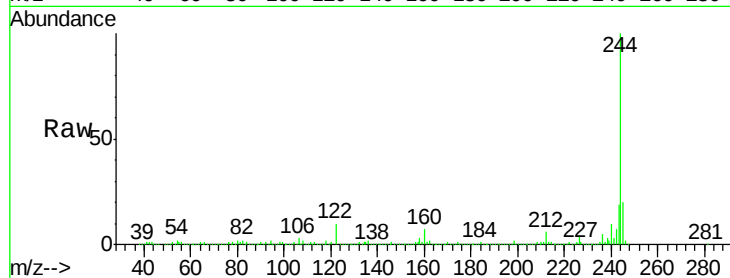
Tot Ion:244 Resp: 1025384

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

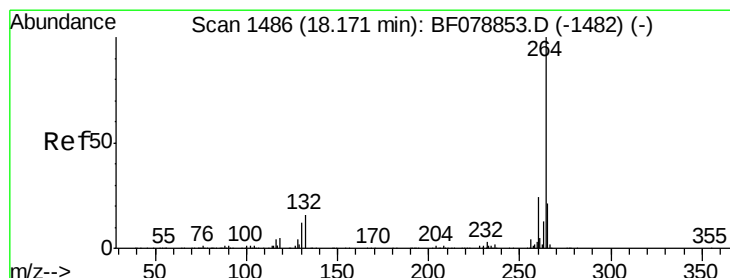
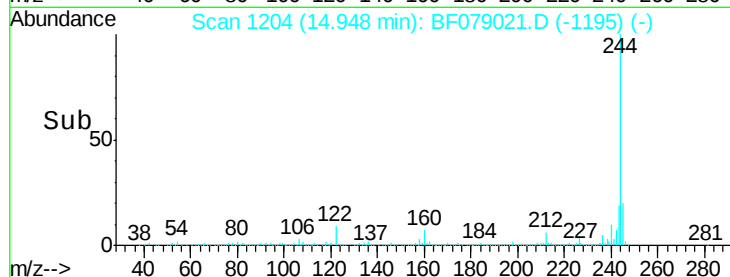
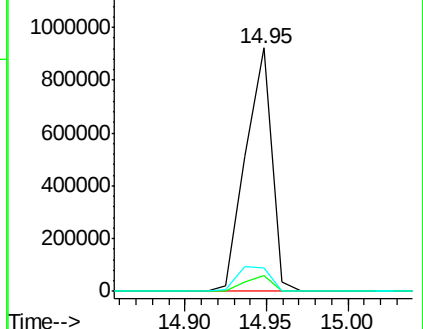
122 9.6 10.3 15.5#



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: 17.99 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BF079021.D

Acq: 8 May 2015 5:09

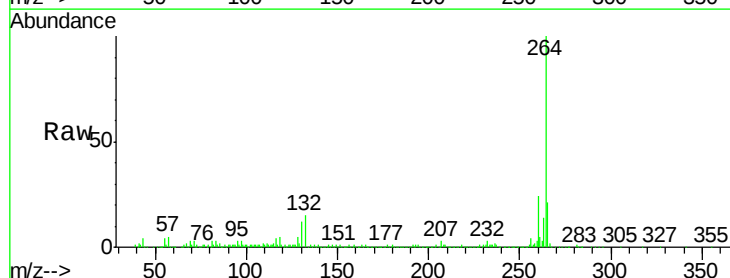
Tgt Ion:264 Resp: 374188

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 20.9 18.3 27.5



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

