

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079018.D
 Acq On : 8 May 2015 3:43
 Operator : TP/IZ
 Sample : G2076-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Quant Time: May 08 04:55:11 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	73170	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	308383	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	157466	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	308915	20.00	ng	0.00
75) Chrysene-d12	16.24	240	316884	20.00	ng	-0.01
86) Perylene-d12	17.99	264	306872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	209952	49.39	ng	0.00
7) Phenol-d6	6.90	99	182218	32.43	ng	0.00
23) Nitrobenzene-d5	8.03	82	410784	76.56	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	195306	114.65	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	820117	72.56	ng	0.00
78) Terphenyl-d14	14.95	244	965082	72.91	ng	0.00

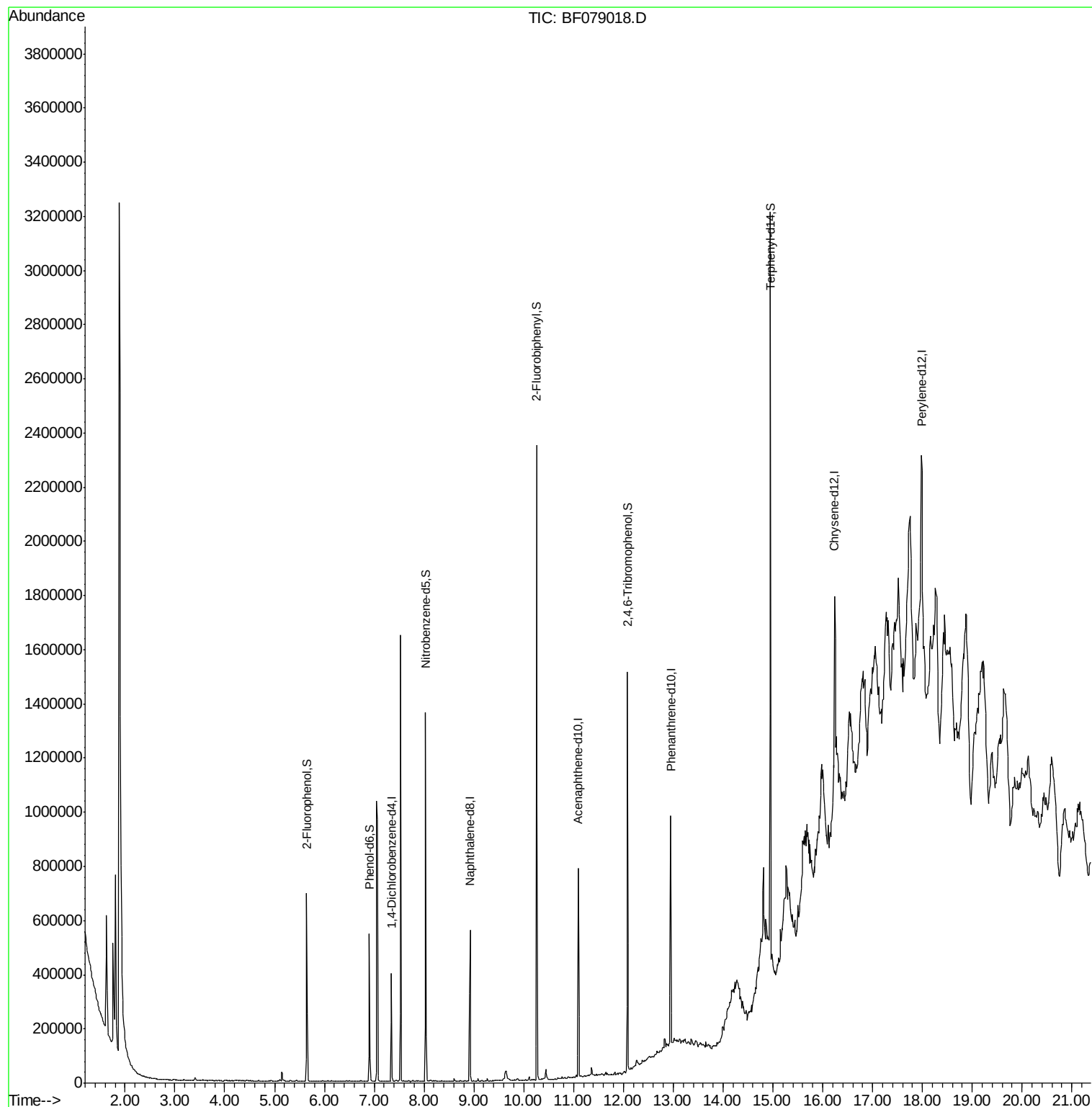
Target Compounds Qvalue

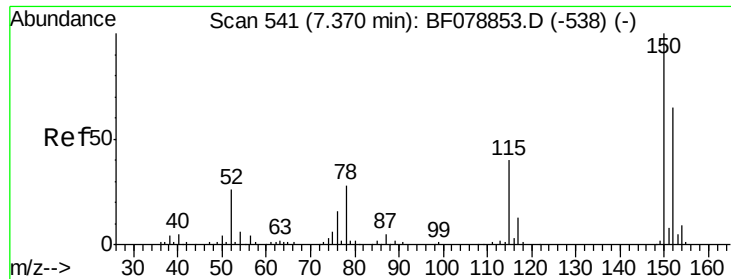
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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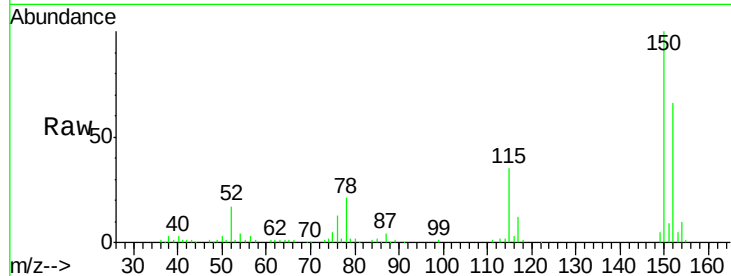




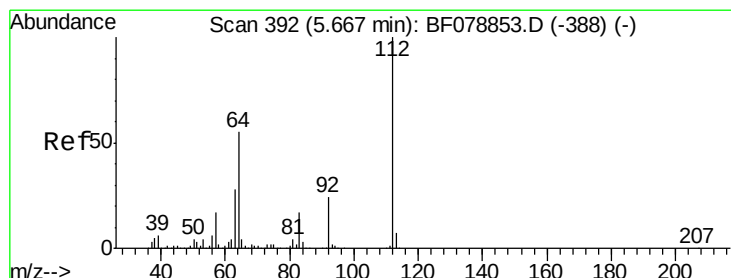
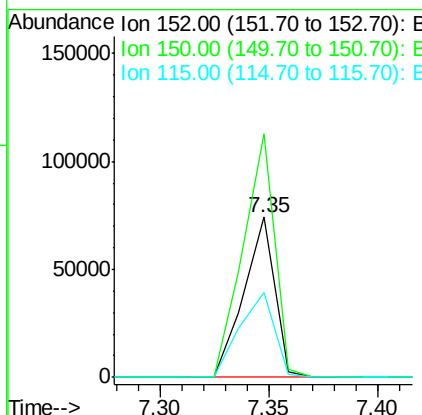
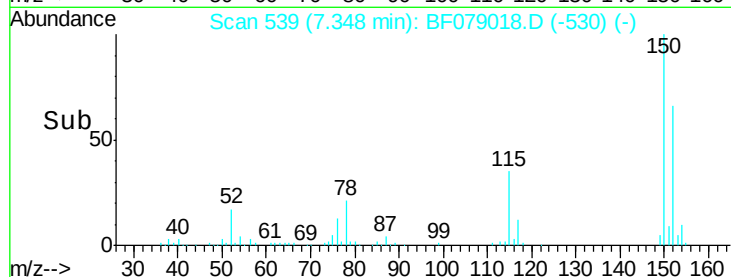
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF079018.D
 Acq: 8 May 2015 3:43

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tot Ion:152 Resp: 73170
 Ion Ratio Lower Upper
 152 100
 150 152.0 122.0 183.0
 115 53.2 46.3 69.5

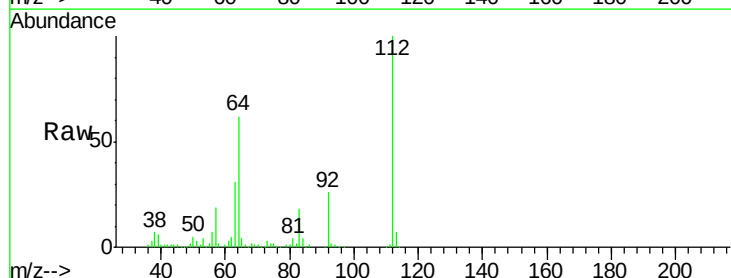


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

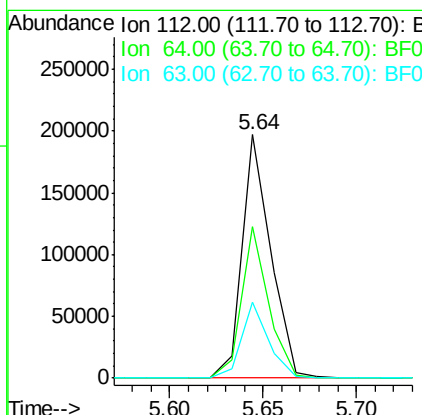
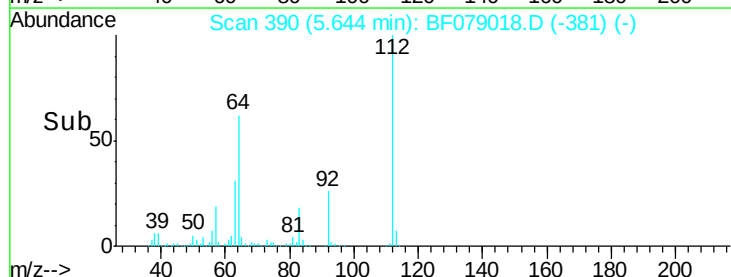


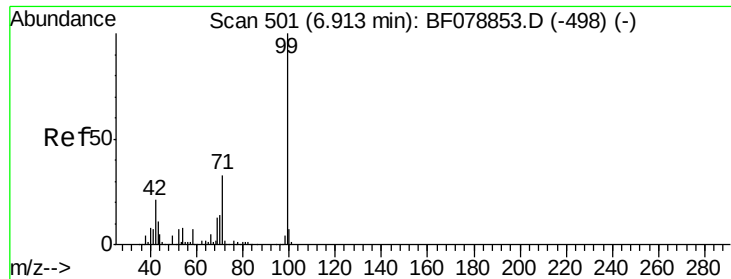
#5
 2-Fluorophenol
 Concen: 49.39 ng
 RT: 5.64 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: BF079018.D
 Acq: 8 May 2015 3:43

Tgt Ion:112 Resp: 209952
 Ion Ratio Lower Upper
 112 100
 64 62.1 53.5 80.3
 63 31.4 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: 32.43 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF079018.D

Acq: 8 May 2015 3:43

Instrument :

BNA_F

ClientSampled :

W-03

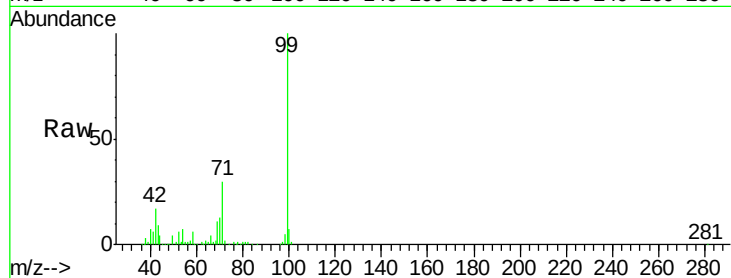
Tot Ion: 99 Resp: 182218

Ion Ratio Lower Upper

99 100

42 17.2 12.8 19.2

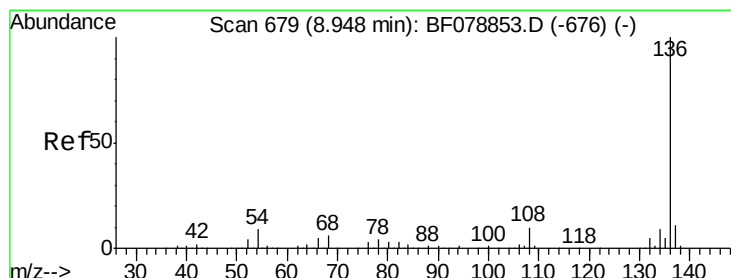
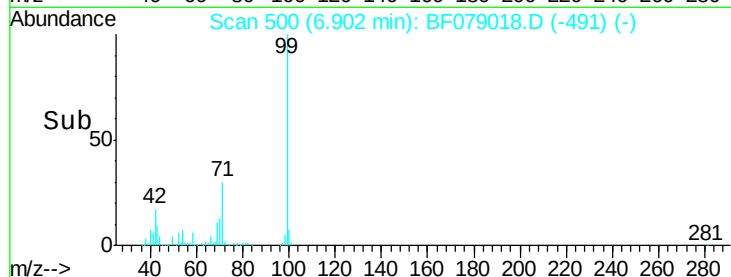
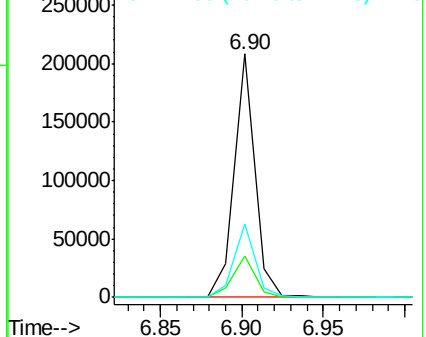
71 30.2 23.4 35.2



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: BF079018.D

Acq: 8 May 2015 3:43

Tgt Ion: 136 Resp: 308383

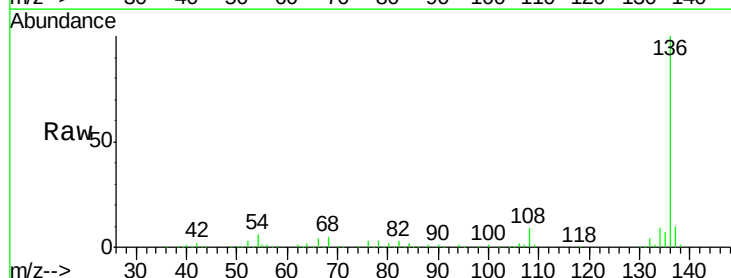
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.9 5.8 8.8

68 5.0 4.2 6.4

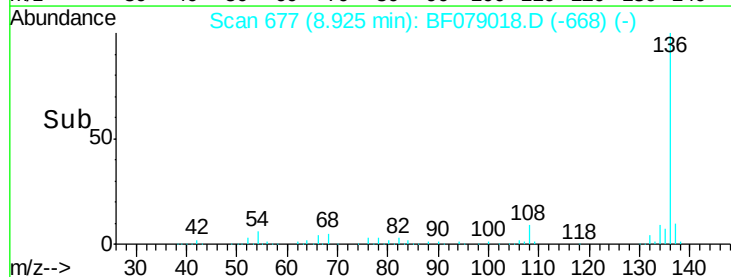
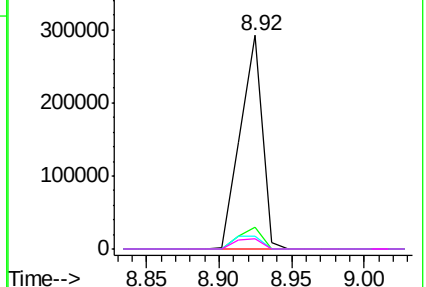


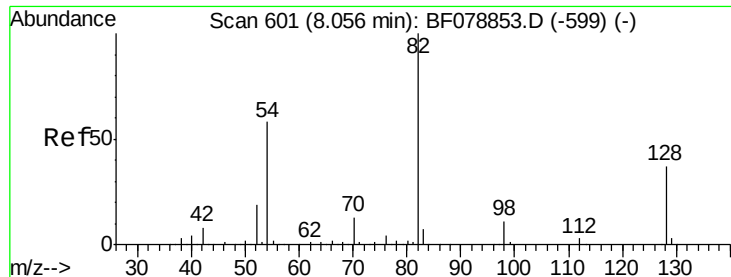
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.56 ng

RT: 8.03 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF079018.D

Acq: 8 May 2015 3:43

Instrument :

BNA_F

ClientSampleId :

W-03

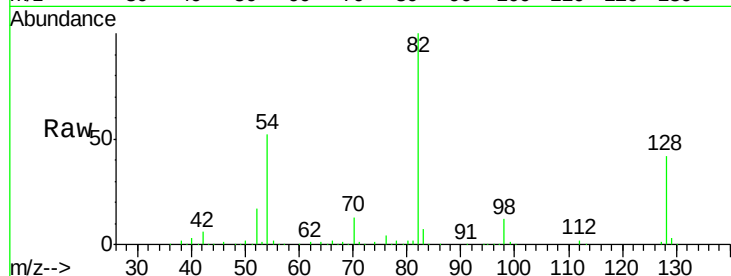
Tot Ion: 82 Resp: 410784

Ion Ratio Lower Upper

82 100

128 41.9 30.0 45.0

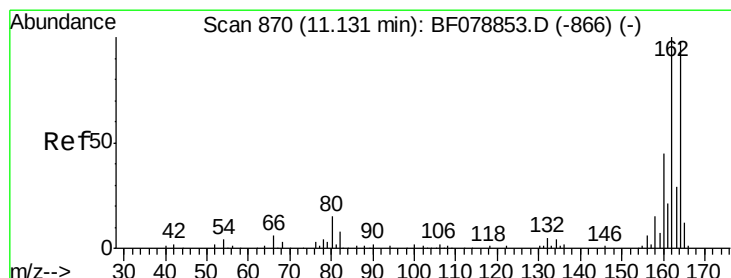
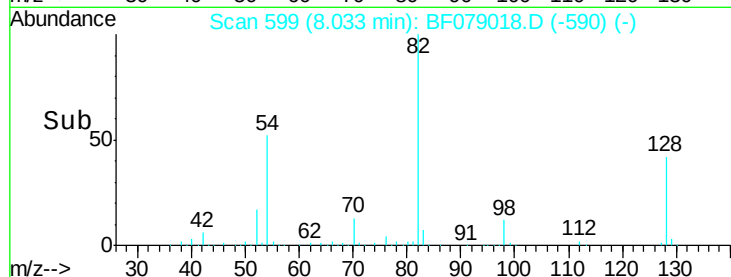
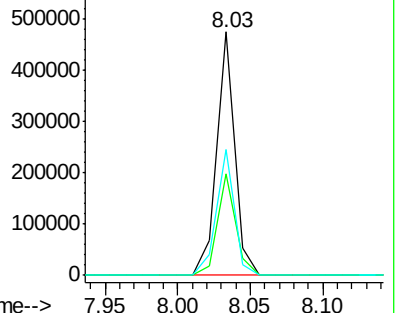
54 51.9 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF078853.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-599) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF079018.D

Acq: 8 May 2015 3:43

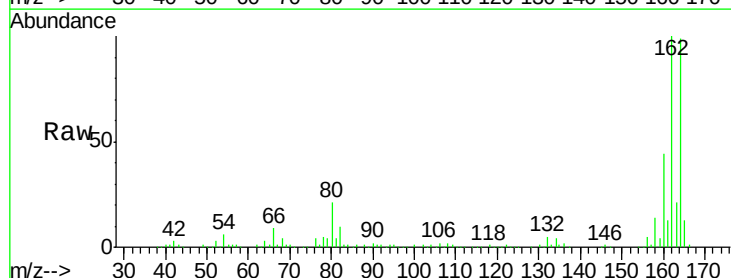
Tgt Ion: 164 Resp: 157466

Ion Ratio Lower Upper

164 100

162 100.9 82.7 124.1

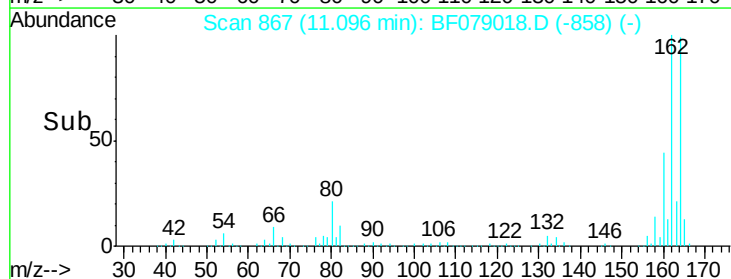
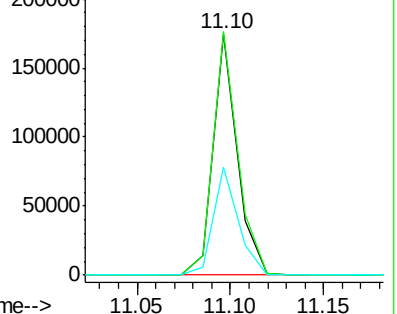
160 44.7 35.8 53.8

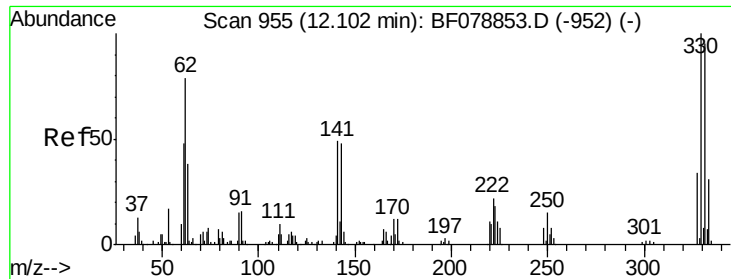


Abundance Ion 164.00 (163.70 to 164.70): BF078853.D (-866) (-)

Ion 162.00 (161.70 to 162.70): BF078853.D (-866) (-)

Ion 160.00 (159.70 to 160.70): BF078853.D (-866) (-)

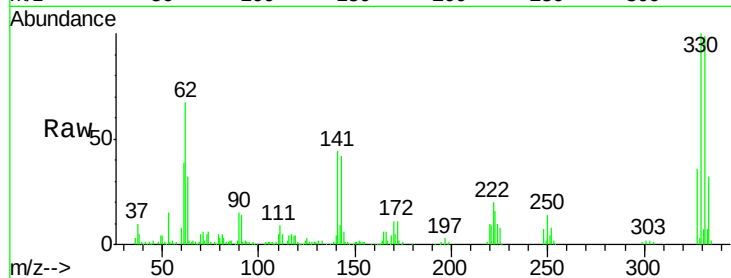




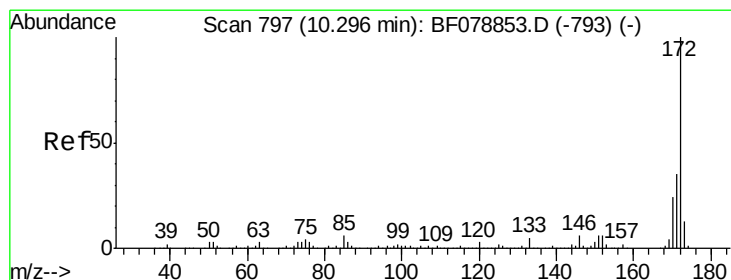
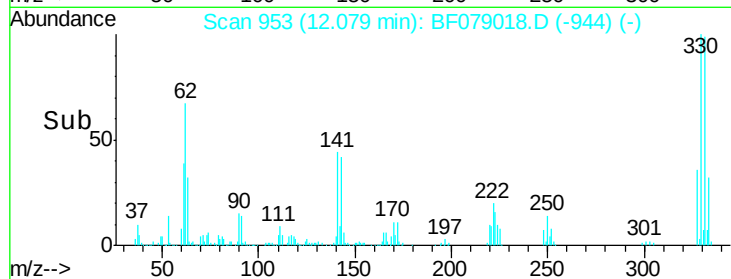
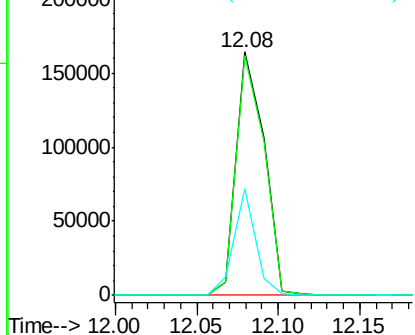
#41
 2,4,6-Tribromophenol
 Concen: 114.65 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF079018.D
 Acq: 8 May 2015 3:43

Instrument :
 BNA_F
 ClientSampleId :
 W-03

Tot Ion:330 Resp: 195306
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 34.5 0.0 0.0#

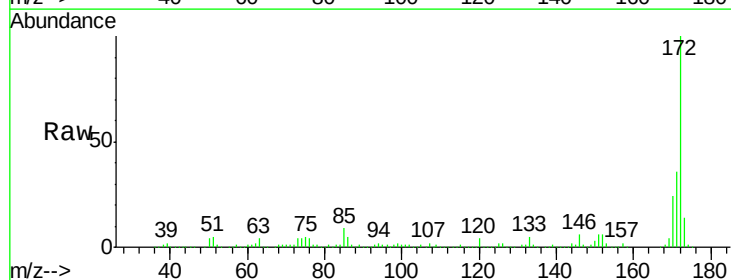


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

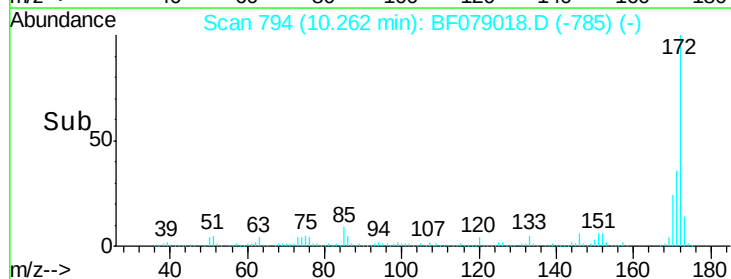
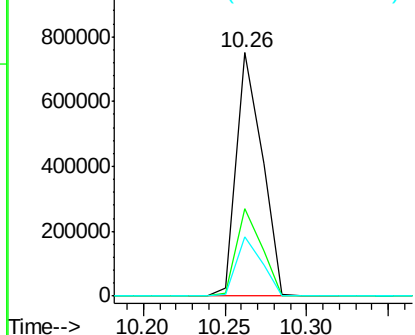


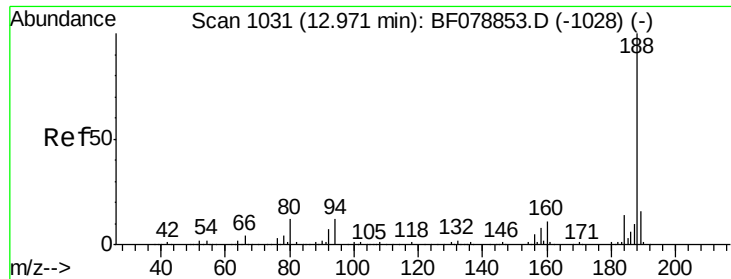
#44
 2-Fluorobiphenyl
 Concen: 72.56 ng
 RT: 10.26 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF079018.D
 Acq: 8 May 2015 3:43

Tgt Ion:172 Resp: 820117
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.9 41.9
 170 24.5 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

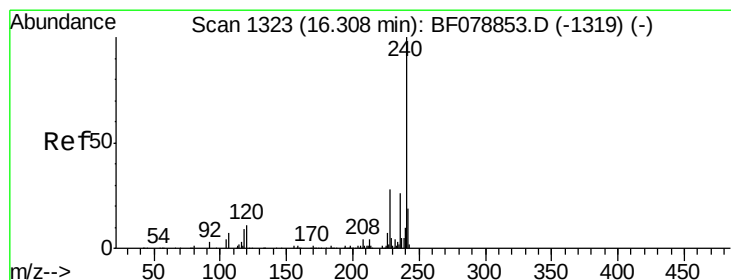
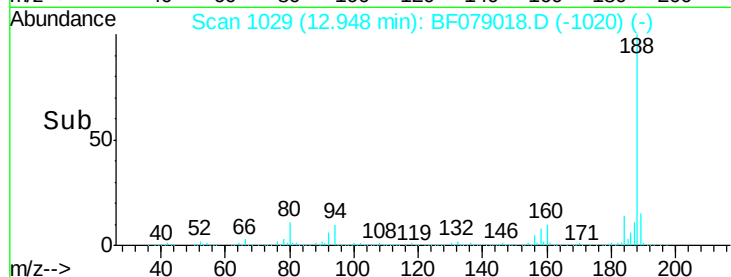
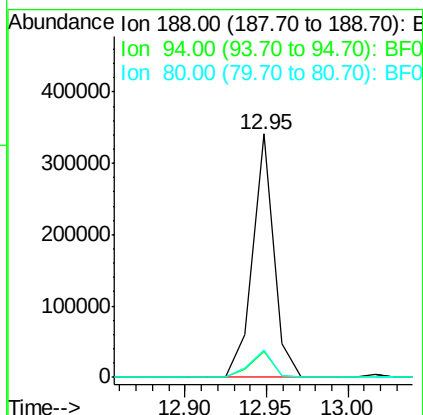
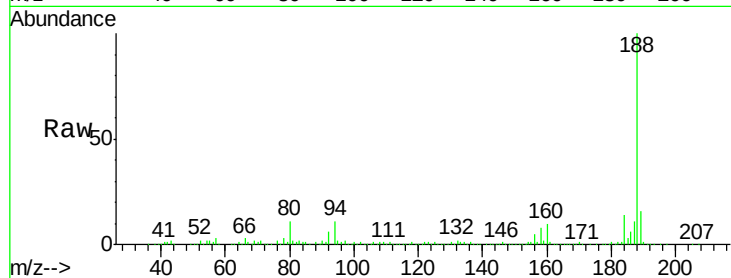




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF079018.D
Acq: 8 May 2015 3:43

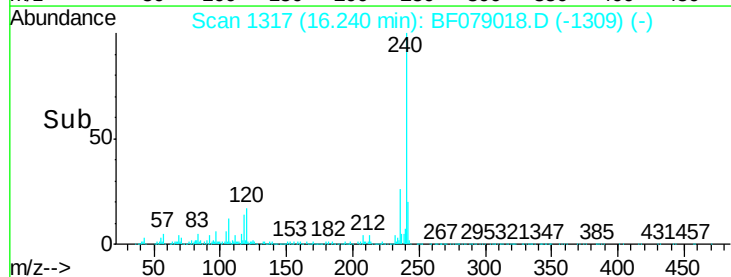
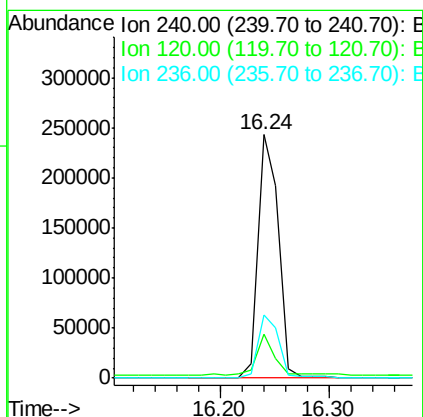
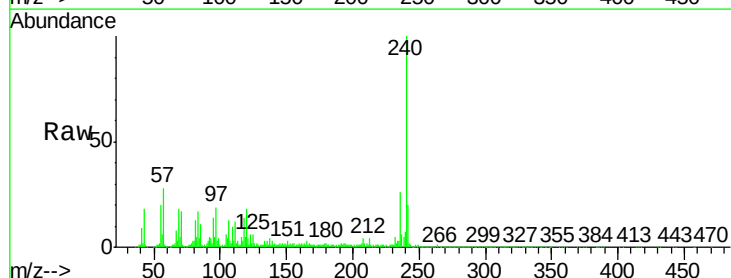
Instrument :
BNA_F
ClientSampled :
W-03

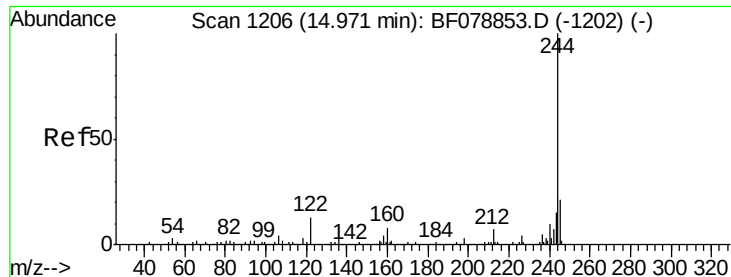
Tot Ion:188 Resp: 308915
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 11.0 8.9 13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF079018.D
Acq: 8 May 2015 3:43

Tgt Ion:240 Resp: 316884
Ion Ratio Lower Upper
240 100
120 18.3 9.7 14.5#
236 26.0 20.2 30.4





#78

Terphenyl-d14

Concen: 72.91 ng

RT: 14.95 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF079018.D

Acq: 8 May 2015 3:43

Instrument :

BNA_F

ClientSampleId :

W-03

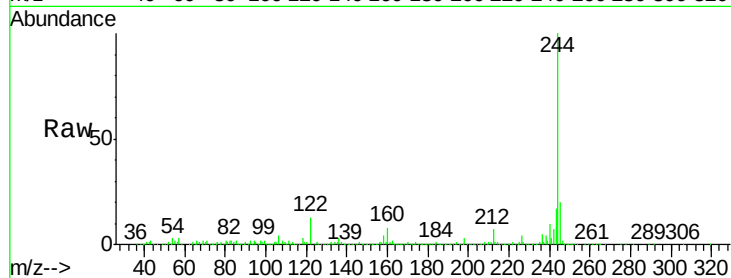
Tot Ion:244 Resp: 965082

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

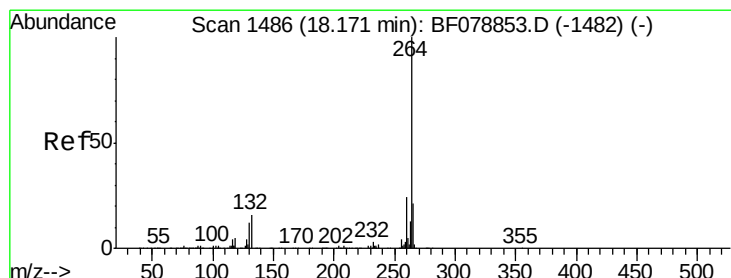
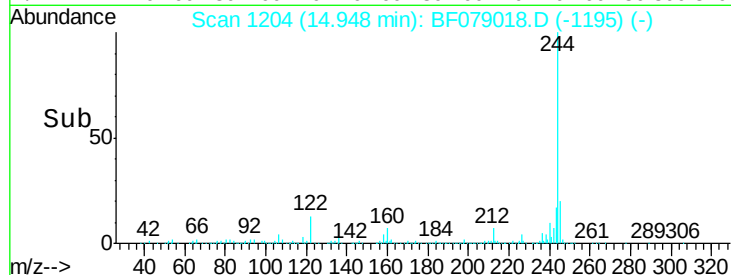
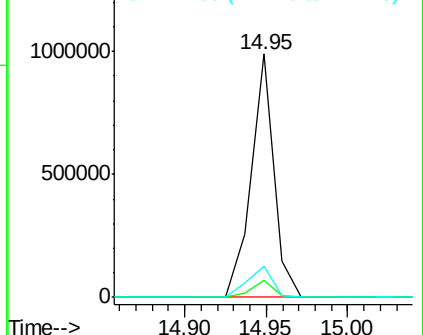
122 12.7 10.3 15.5



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: BF079018.D

Acq: 8 May 2015 3:43

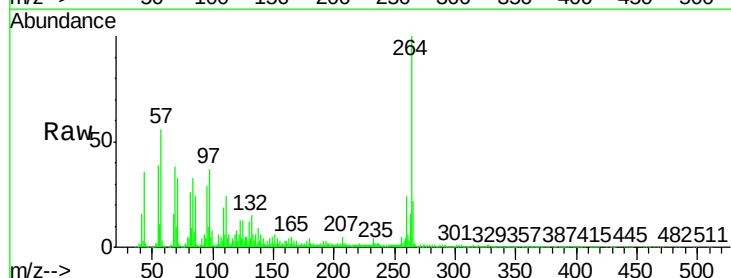
Tgt Ion:264 Resp: 306872

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.9 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

