

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079230.D
 Acq On : 14 May 2015 9:39
 Operator : TP/IZ
 Sample : G2176-25
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 14 15:38:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 15:23:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	64843	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	246832	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	118083	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	220663	20.00	ng	-0.01
75) Chrysene-d12	0.00	240	0	0.00	ng	-16.13
86) Perylene-d12	18.02	264	243840	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	468090	124.26	ng	0.00
7) Phenol-d6	6.80	99	551245	110.71	ng	0.00
23) Nitrobenzene-d5	7.93	82	345960	80.55	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	171074	133.92	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	718722	84.80	ng	0.00
78) Terphenyl-d14	14.82	244	786877	0.00	ng	0.00

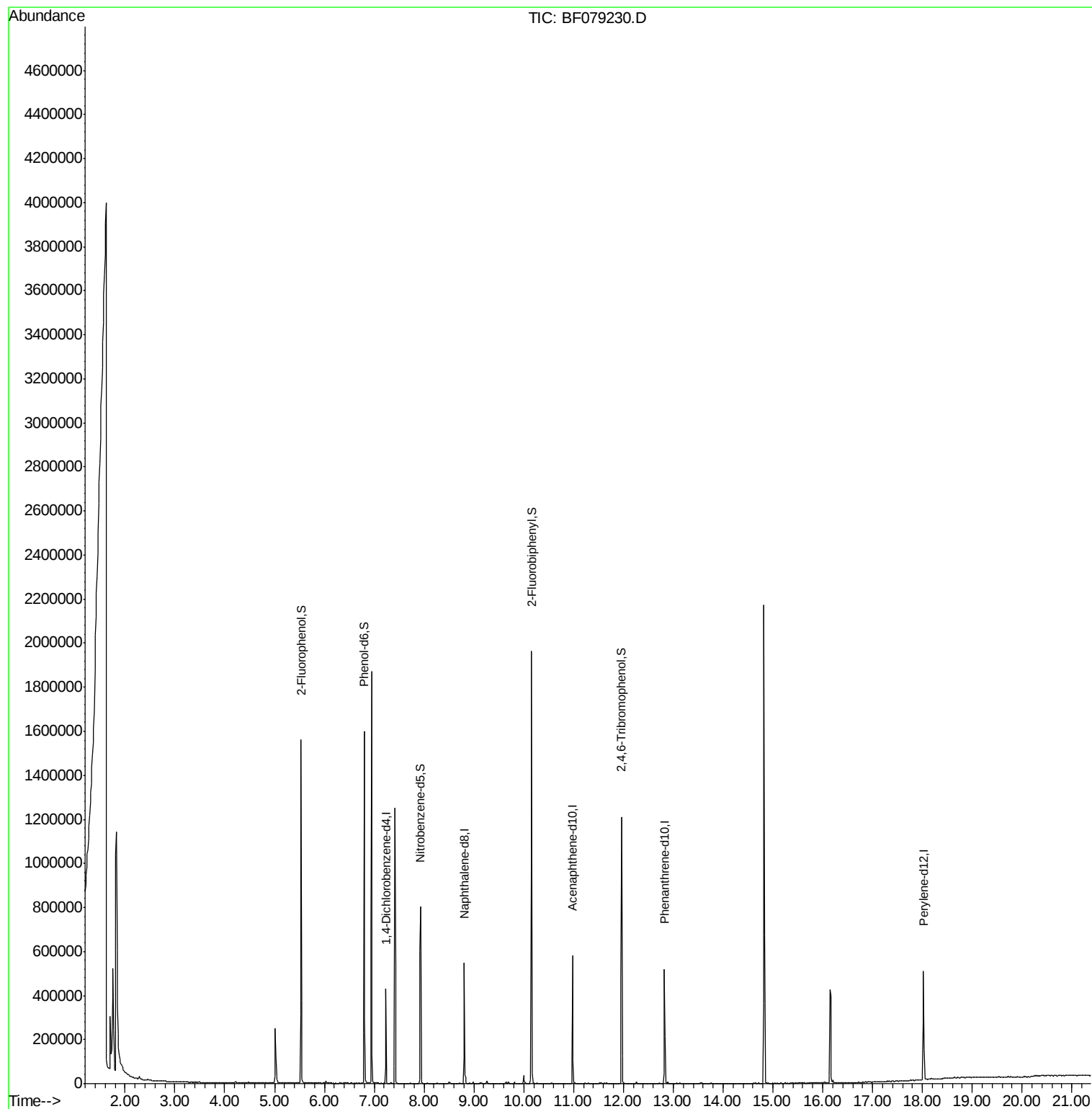
Target Compounds Qvalue

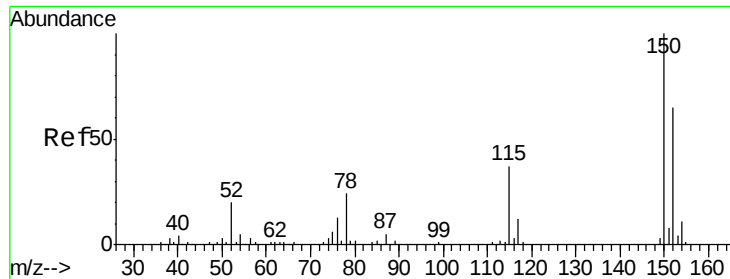
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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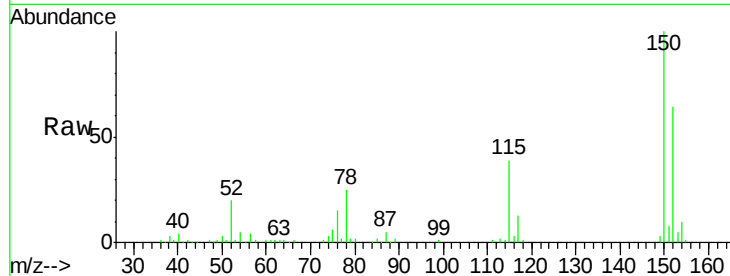




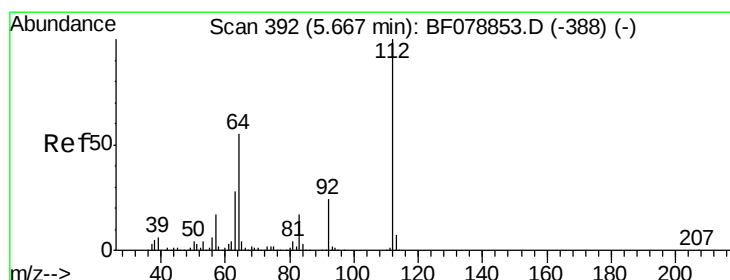
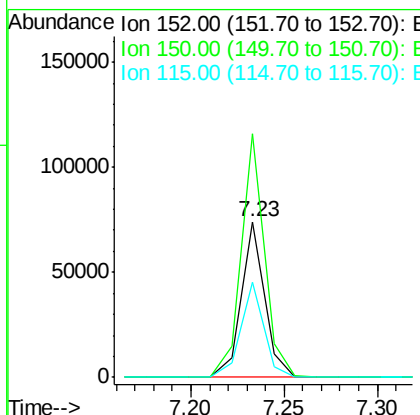
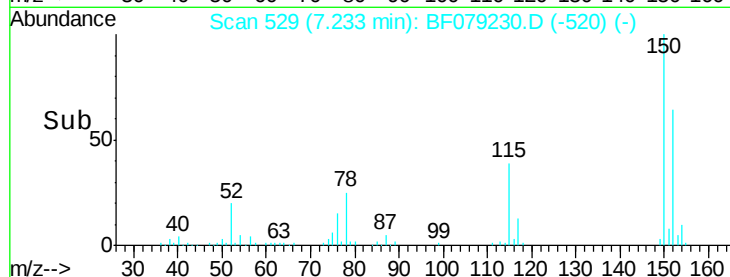
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079230.D
 Acq: 14 May 2015 9:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 64843
 Ion Ratio Lower Upper
 152 100
 150 156.5 122.0 183.0
 115 60.9 46.3 69.5

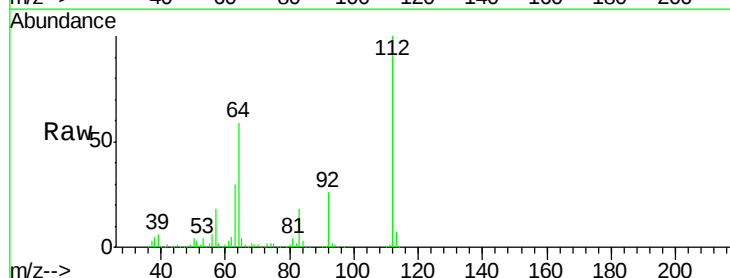


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

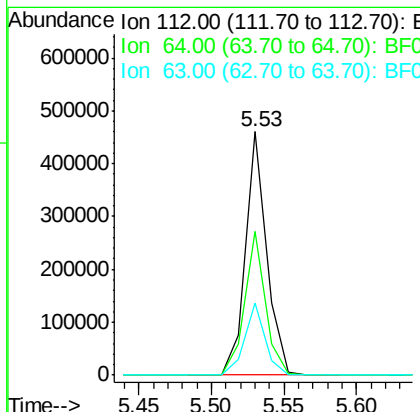
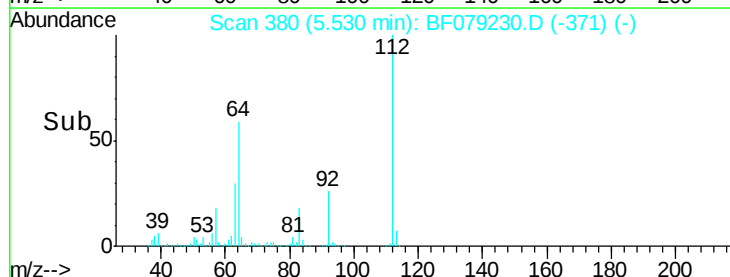


#5
 2-Fluorophenol
 Concen: 124.26 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079230.D
 Acq: 14 May 2015 9:39

Tgt Ion:112 Resp: 468090
 Ion Ratio Lower Upper
 112 100
 64 59.0 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: 110.71 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079230.D

Acq: 14 May 2015 9:39

Instrument :

BNA_F

ClientSampleId :

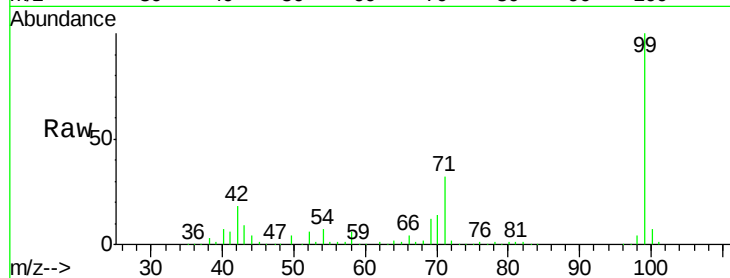
Tot Ion: 99 Resp: 551245

Ion Ratio Lower Upper

99 100

42 18.3 12.8 19.2

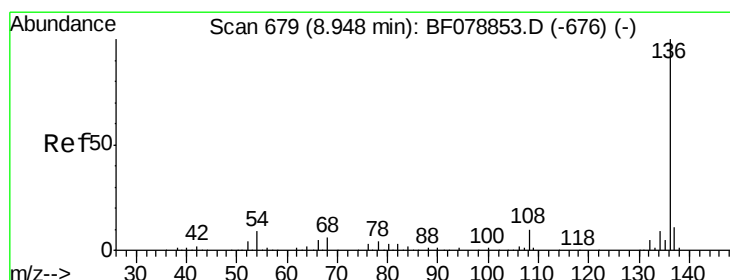
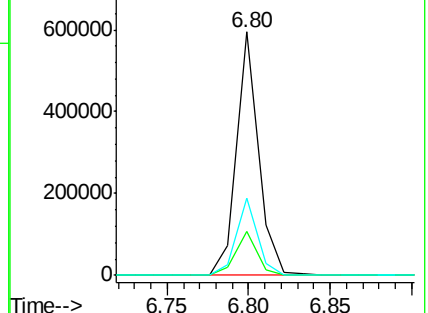
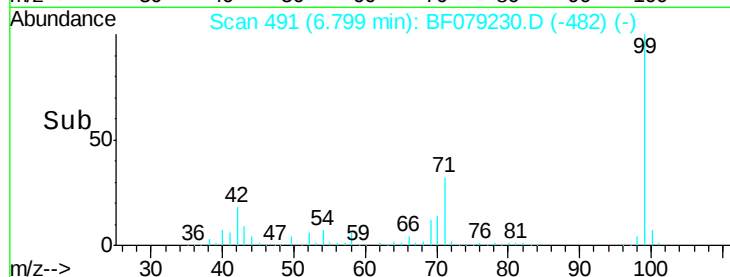
71 31.6 23.4 35.2



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: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079230.D

Acq: 14 May 2015 9:39

Tgt Ion: 136 Resp: 246832

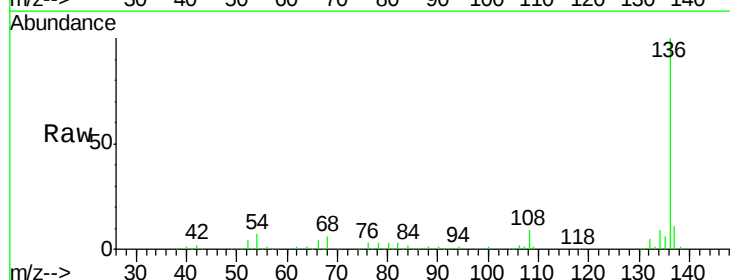
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.8 5.8 8.8

68 5.5 4.2 6.4

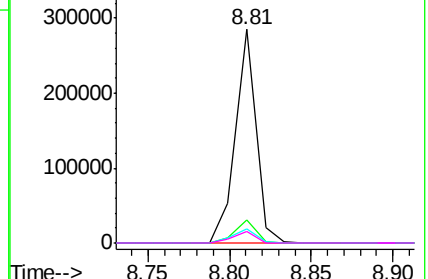
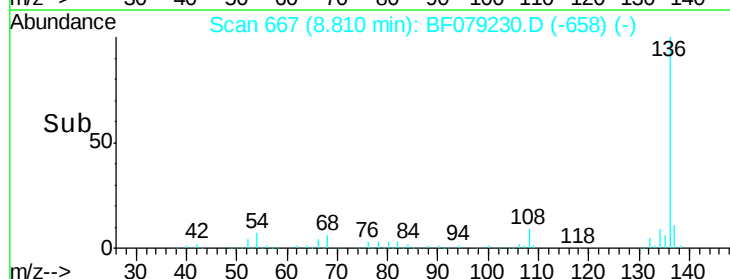


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

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) (-)

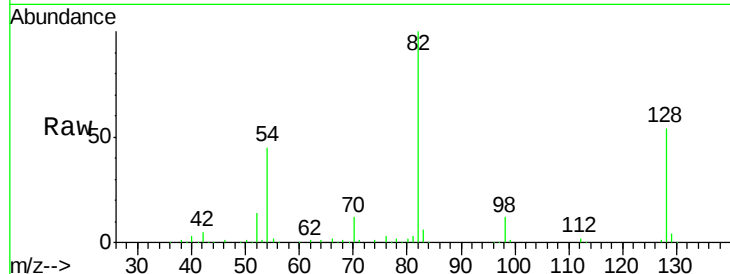




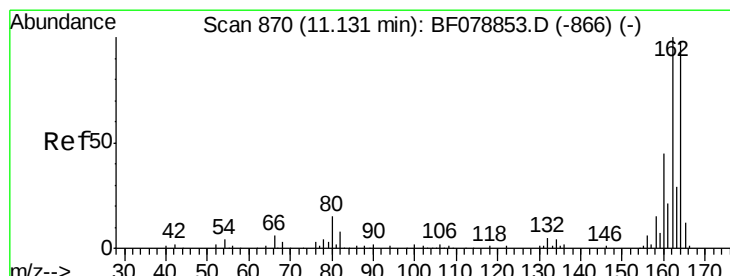
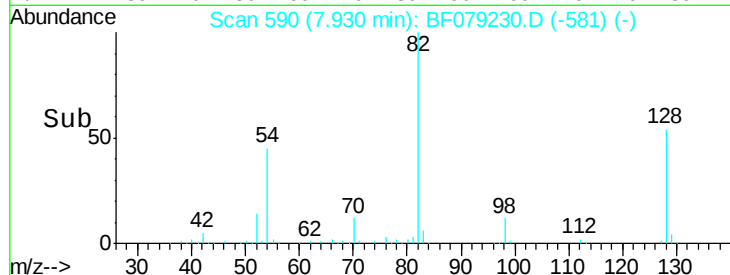
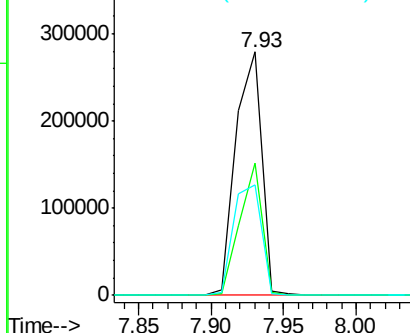
#23
Nitrobenzene-d5
Concen: 80.55 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079230.D
Acq: 14 May 2015 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	345960
Ion Ratio	Lower	Upper	
82	100		
128	54.3	30.0	45.0#
54	45.2	46.4	69.6#

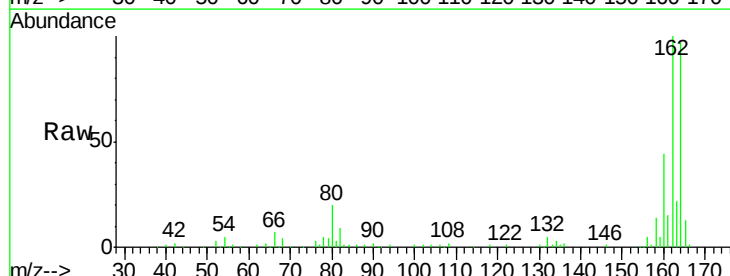


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

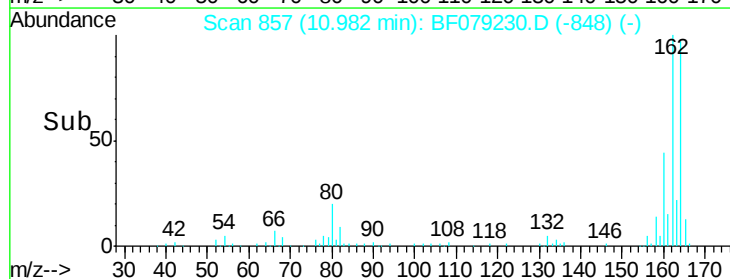
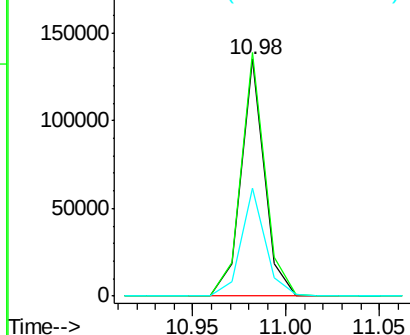


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079230.D
Acq: 14 May 2015 9:39

Tgt Ion	164	Resp	118083
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.7	124.1
160	45.6	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

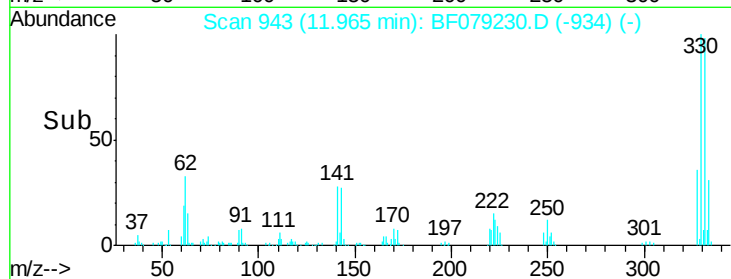
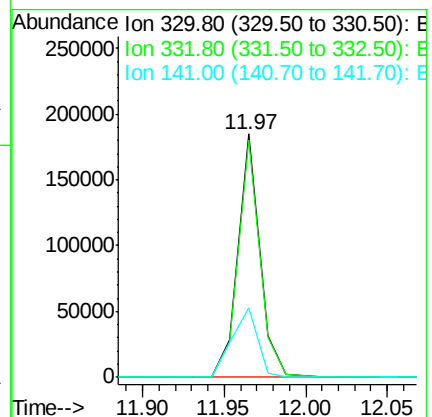
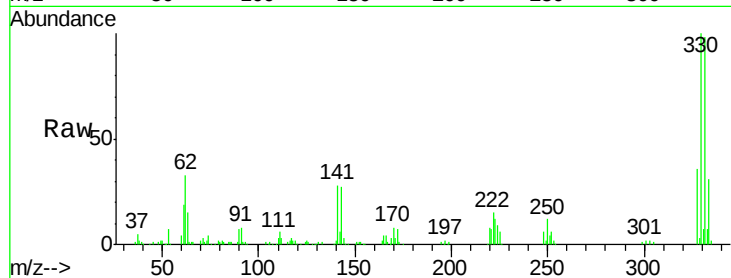




#41
 2,4,6-Tribromophenol
 Concen: 133.92 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079230.D
 Acq: 14 May 2015 9:39

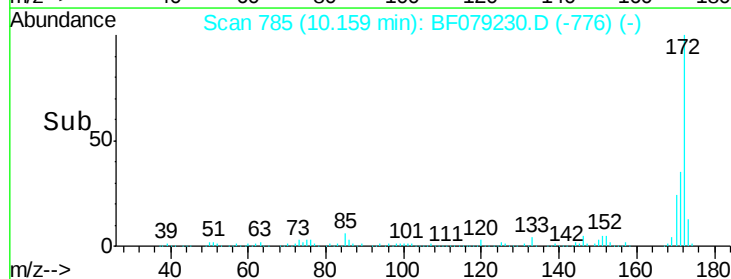
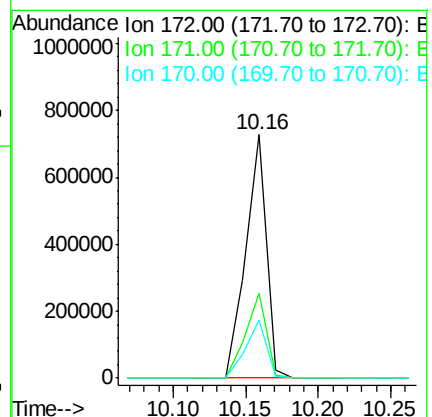
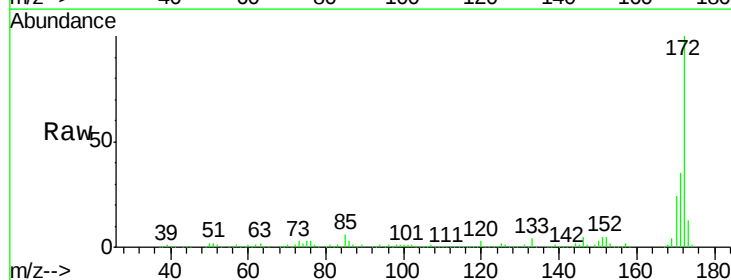
Instrument :
 BNA_F
 ClientSampled :

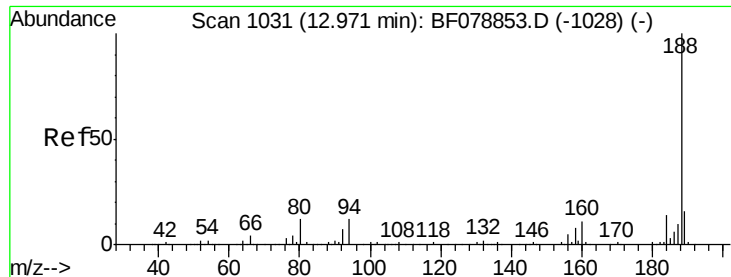
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	33.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 84.80 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079230.D
 Acq: 14 May 2015 9:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	23.8	19.4	29.0

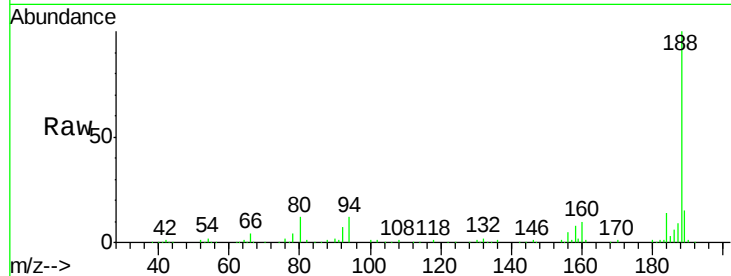




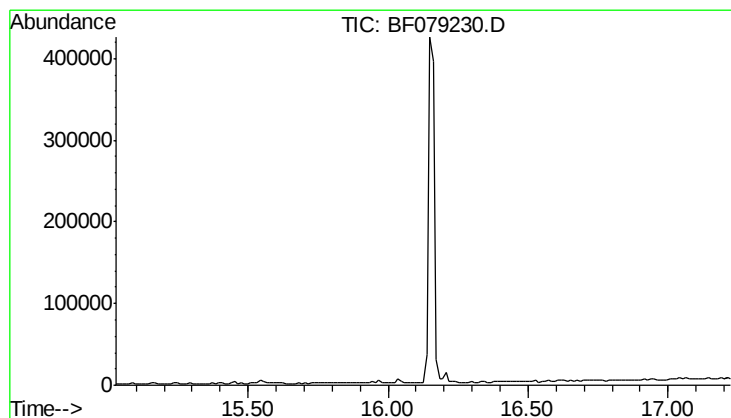
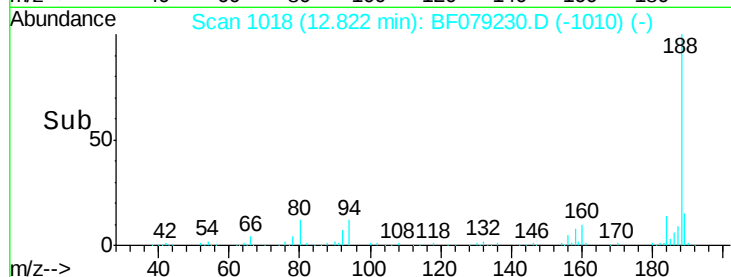
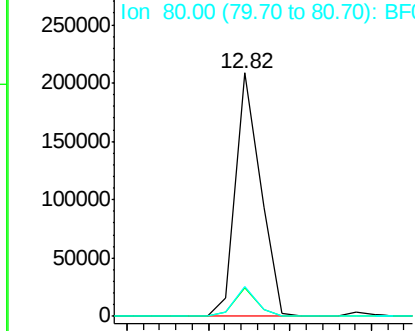
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.82 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF079230.D
 Acq: 14 May 2015 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 220663
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.2 12.2
 80 12.3 8.9 13.3



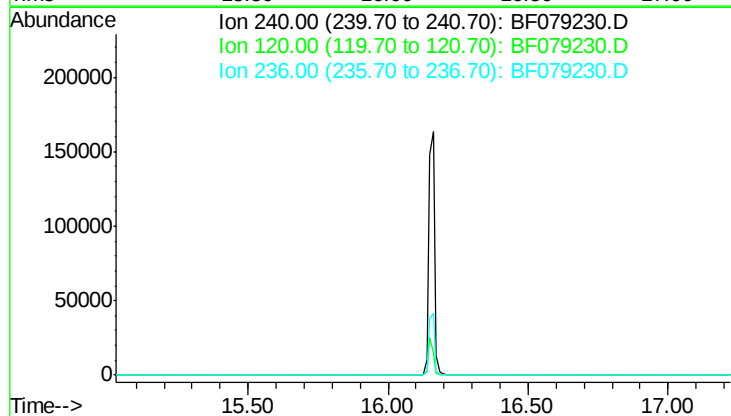
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

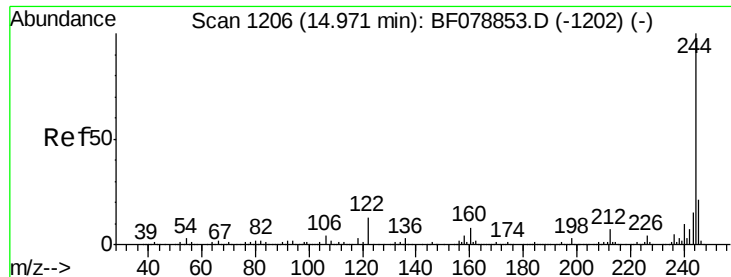


#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 16.13 min

Lab File: BF079230.D
 Acq: 14 May 2015 9:39

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 12.1
 236 25.3





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079230.D

Acq: 14 May 2015 9:39

Instrument :

BNA_F

ClientSampleId :

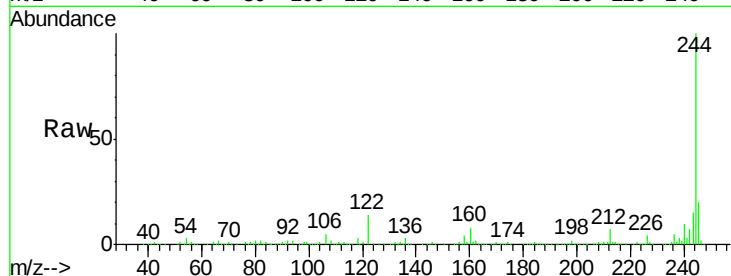
Tot Ion:244 Resp: 786877

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

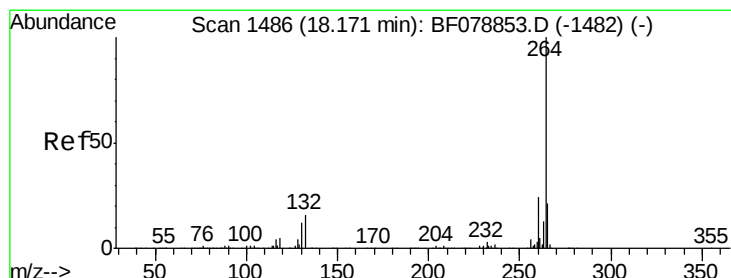
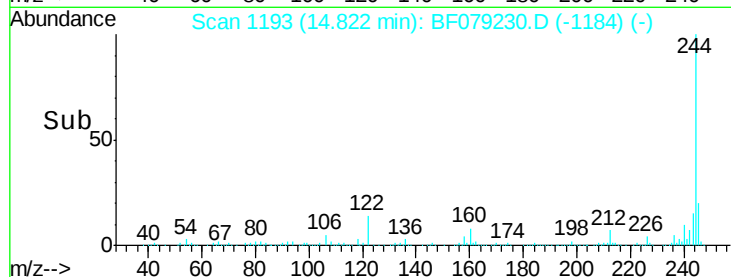
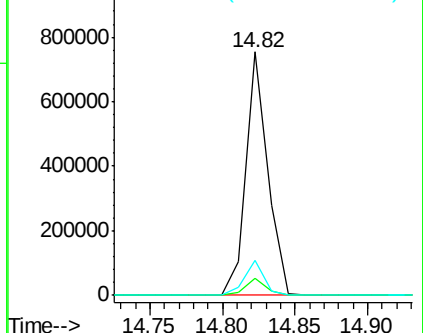
122 14.1 10.3 15.5



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: 18.02 min Scan# 1473

Delta R.T. 0.17 min

Lab File: BF079230.D

Acq: 14 May 2015 9:39

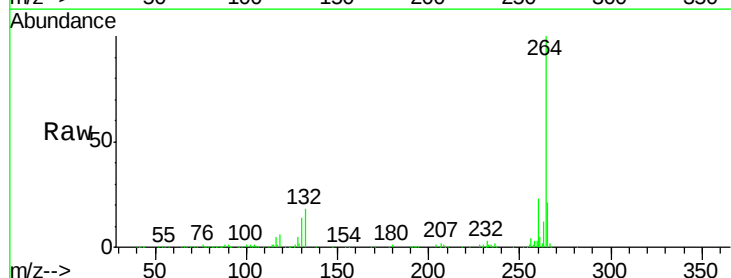
Tgt Ion:264 Resp: 243840

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 21.0 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

