

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079025.D
 Acq On : 8 May 2015 7:04
 Operator : TP/IZ
 Sample : G2077-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Quant Time: May 08 08:06:58 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 07:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	82964	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	338139	20.00	ng	-0.01
38) Acenaphthene-d10	11.10	164	171858	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	339356	20.00	ng	0.00
75) Chrysene-d12	16.25	240	362660	20.00	ng	0.00
86) Perylene-d12	18.03	264	359002	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	291971	60.58	ng	0.00
7) Phenol-d6	6.90	99	261039	40.97	ng	0.00
23) Nitrobenzene-d5	8.03	82	471682	80.17	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	234638	126.20	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	893049	72.40	ng	0.00
78) Terphenyl-d14	14.95	244	950830	62.77	ng	0.00

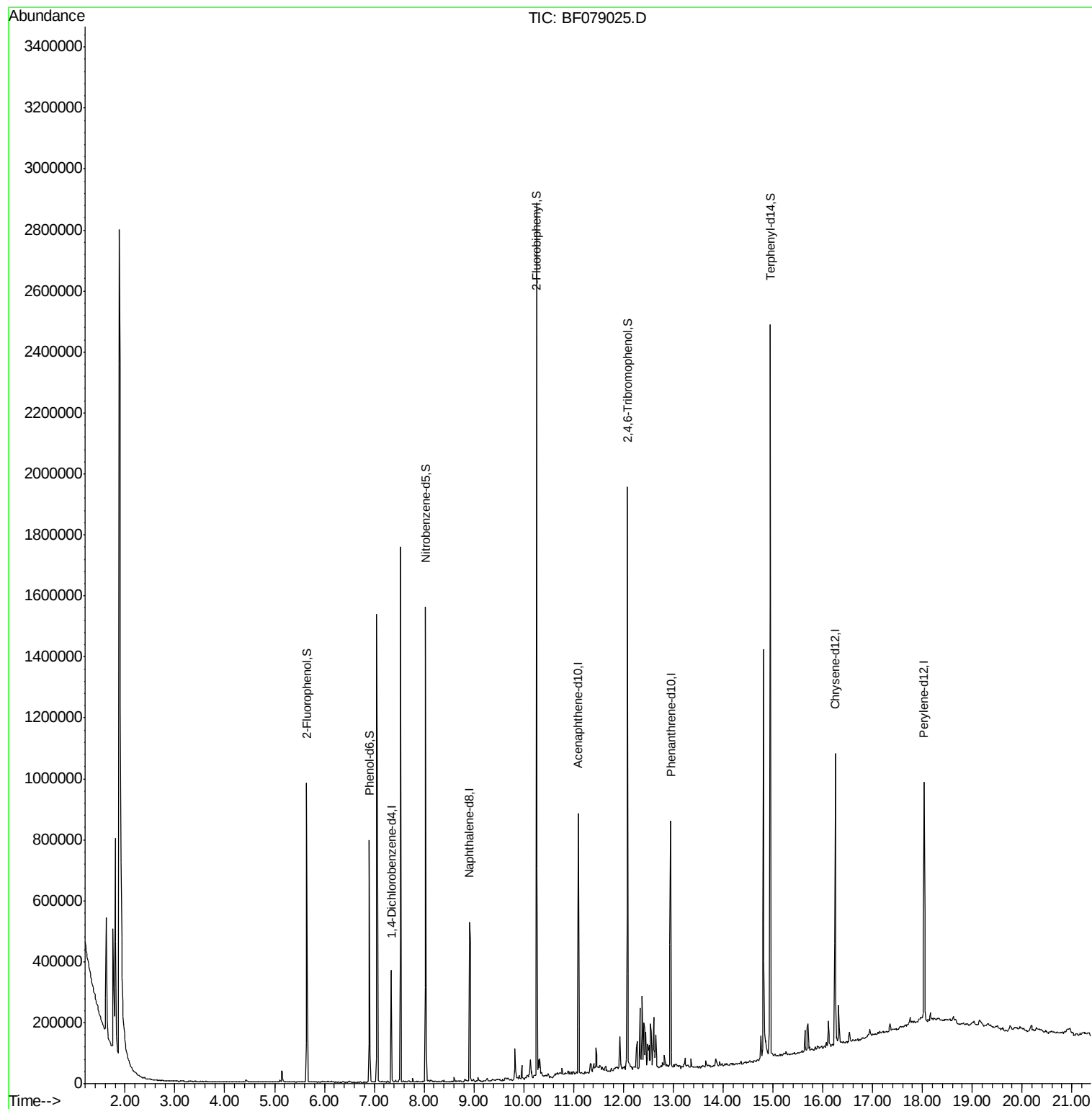
Target Compounds Qvalue

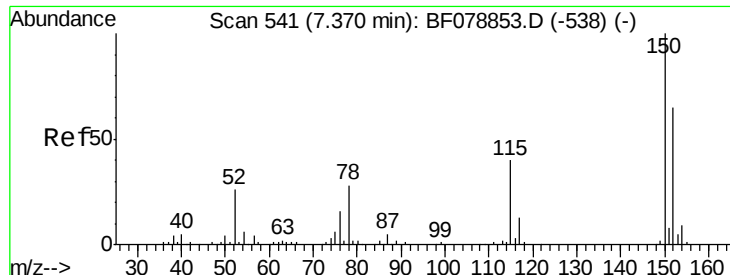
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079025.D

Acq: 8 May 2015 7:04

Instrument :

BNA_F

ClientSampleId :

W-15

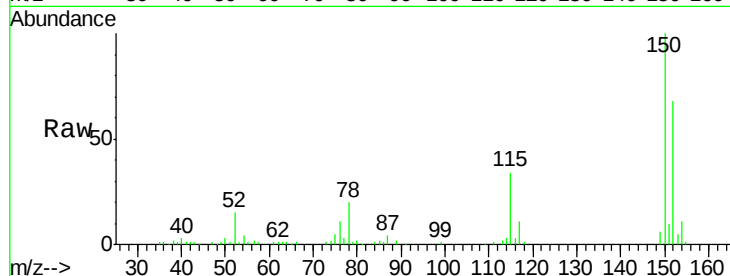
Tot Ion:152 Resp: 82964

Ion Ratio Lower Upper

152 100

150 147.4 122.0 183.0

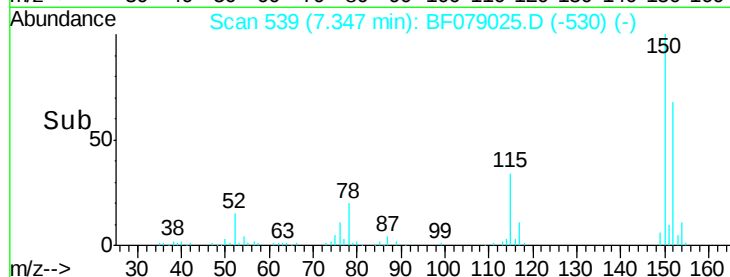
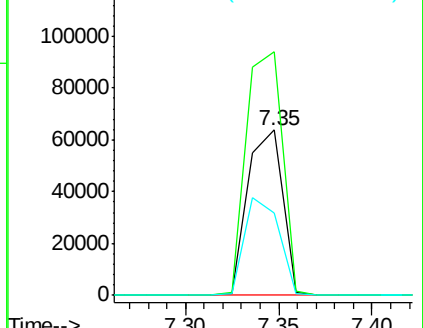
115 50.2 46.3 69.5



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: 60.58 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF079025.D

Acq: 8 May 2015 7:04

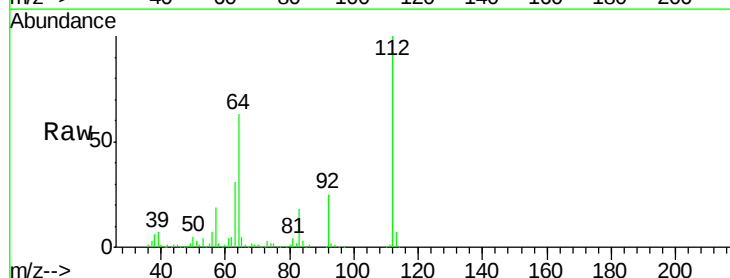
Tgt Ion:112 Resp: 291971

Ion Ratio Lower Upper

112 100

64 62.6 53.5 80.3

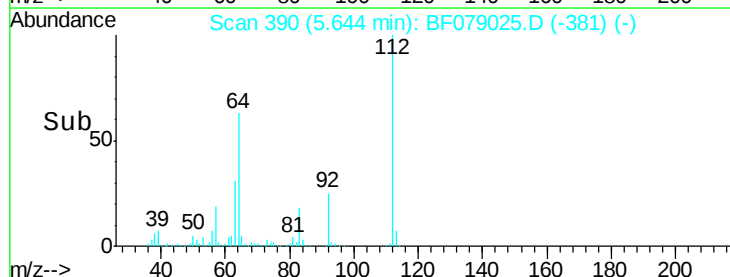
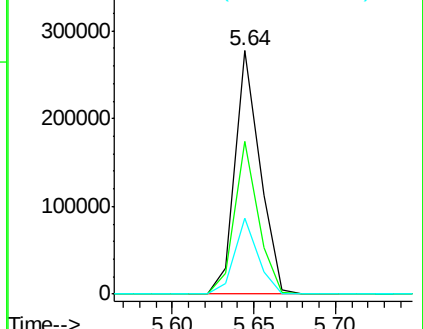
63 31.4 27.5 41.3

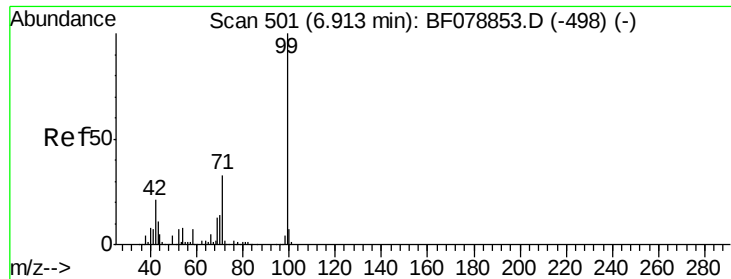


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.97 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079025.D

Acq: 8 May 2015 7:04

Instrument :

BNA_F

ClientSampleId :

W-15

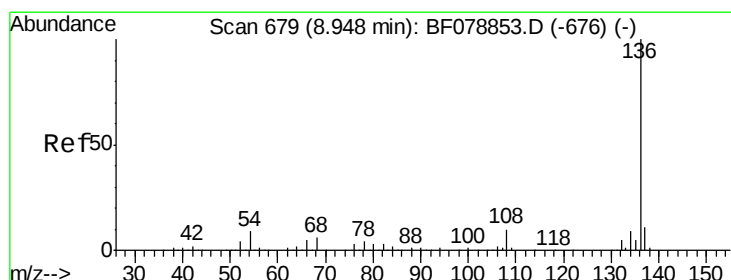
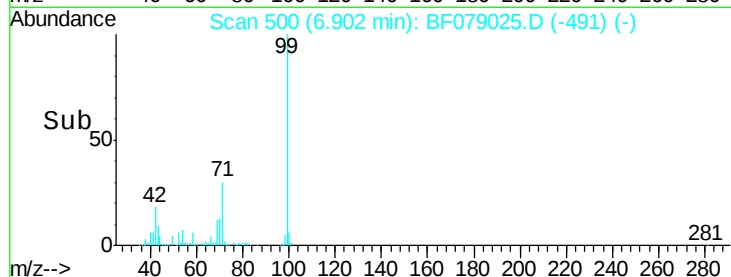
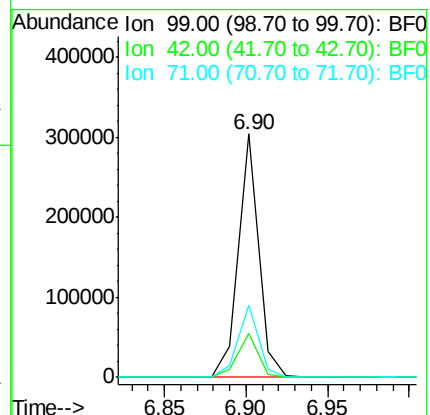
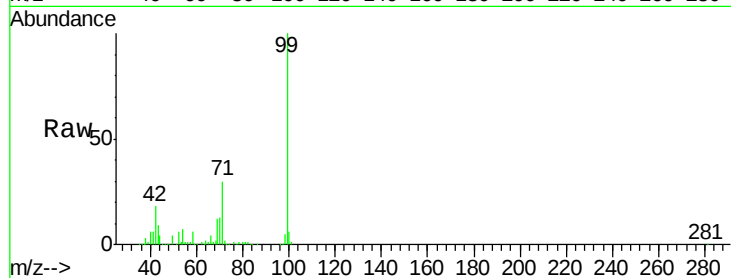
Tot Ion: 99 Resp: 261039

Ion Ratio Lower Upper

99 100

42 17.8 12.8 19.2

71 29.6 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF079025.D

Acq: 8 May 2015 7:04

Tgt Ion: 136 Resp: 338139

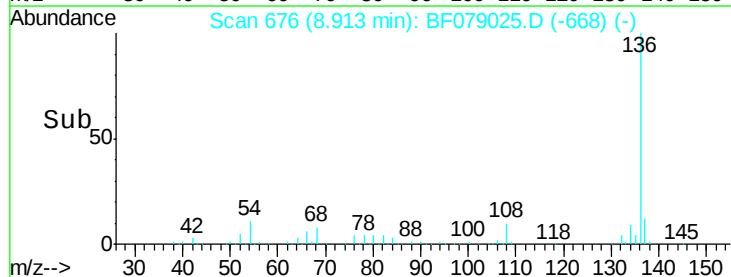
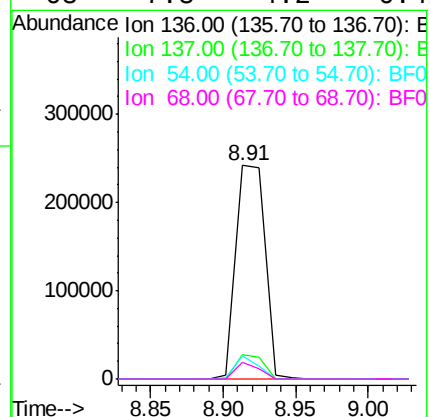
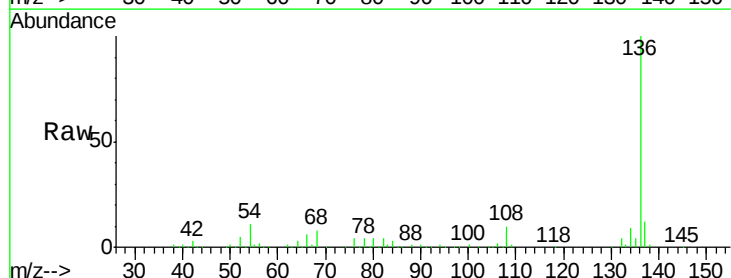
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 10.9 5.8 8.8#

68 7.8 4.2 6.4#

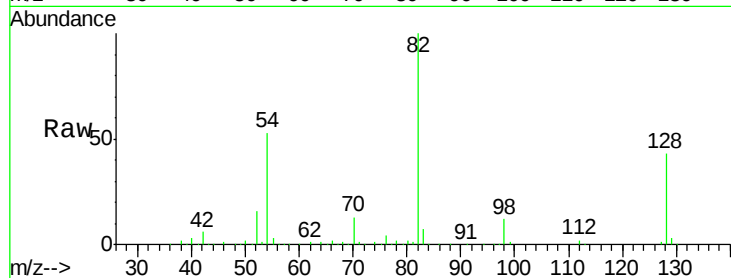




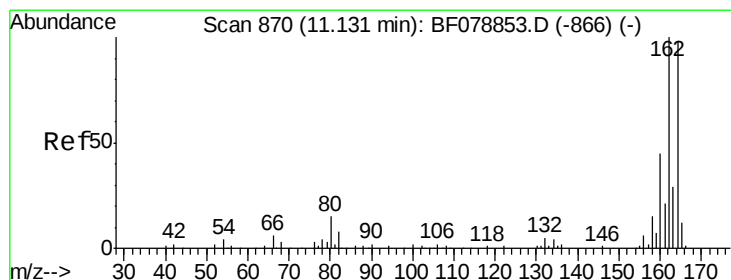
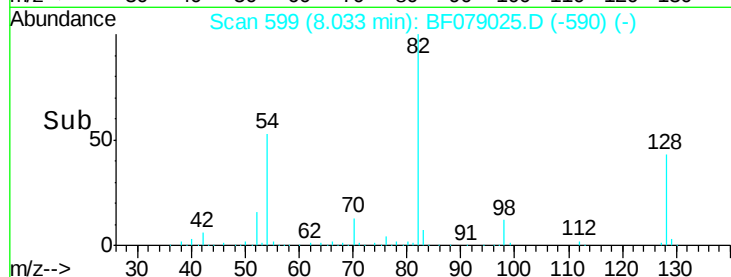
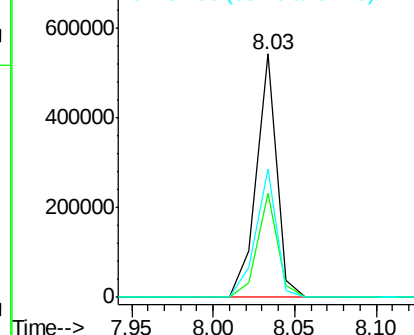
#23
 Nitrobenzene-d5
 Concen: 80.17 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079025.D
 Acq: 8 May 2015 7:04

Instrument :
 BNA_F
 ClientSampled :
 W-15

Tot Ion: 82 Resp: 471682
 Ion Ratio Lower Upper
 82 100
 128 42.8 30.0 45.0
 54 52.6 46.4 69.6

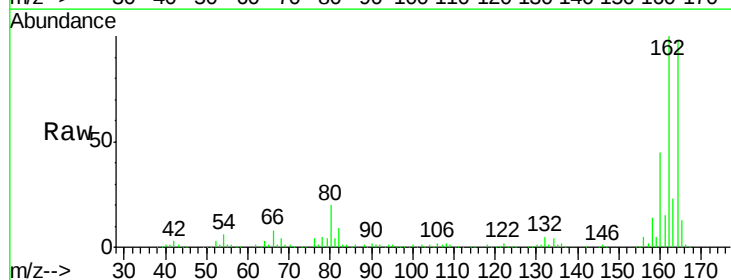


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

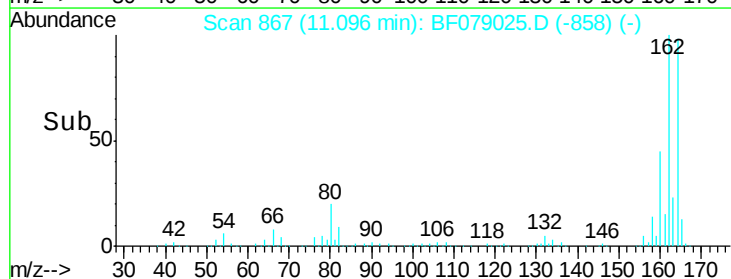
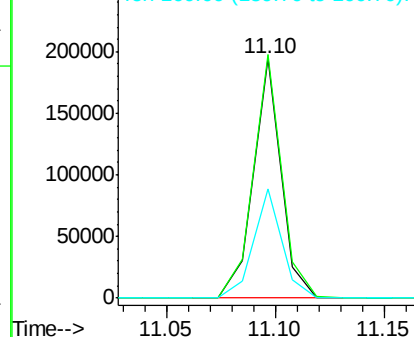


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079025.D
 Acq: 8 May 2015 7:04

Tgt Ion:164 Resp: 171858
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.7 124.1
 160 45.8 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

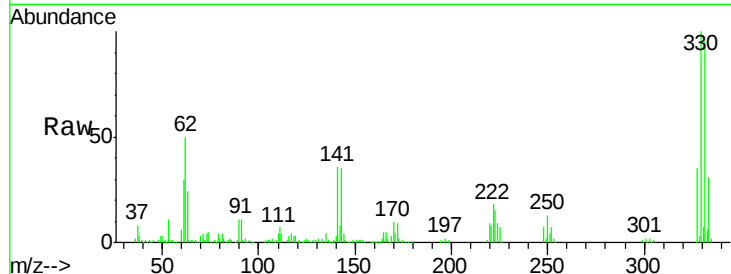




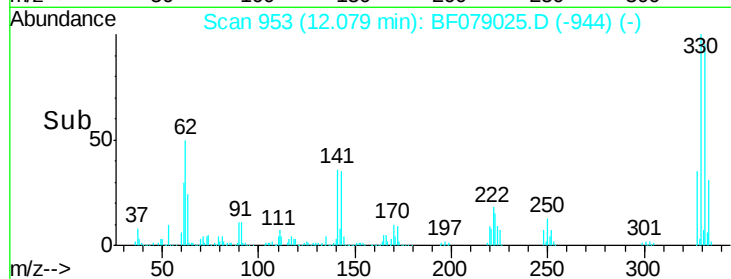
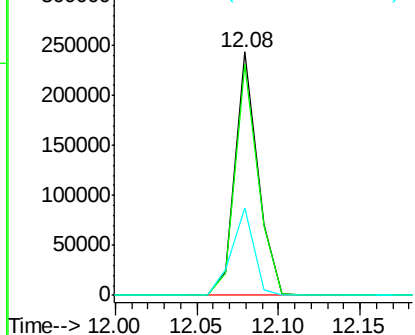
#41
 2,4,6-Tribromophenol
 Concen: 126.20 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079025.D
 Acq: 8 May 2015 7:04

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	35.5	0.0	0.0#

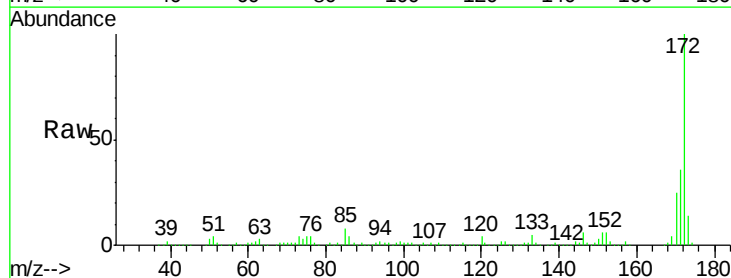


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

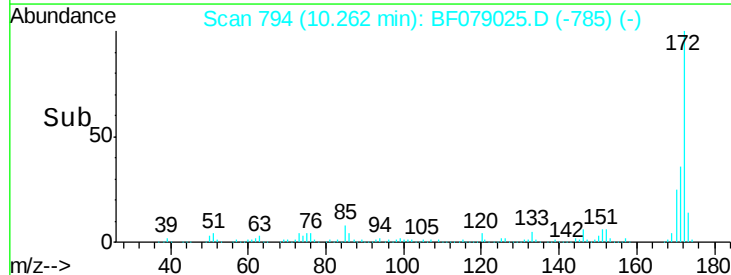
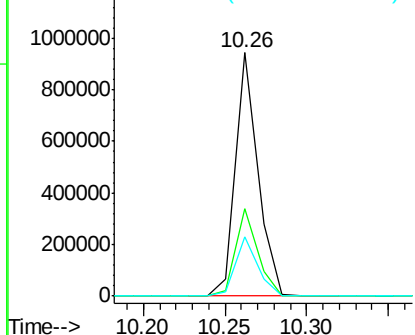


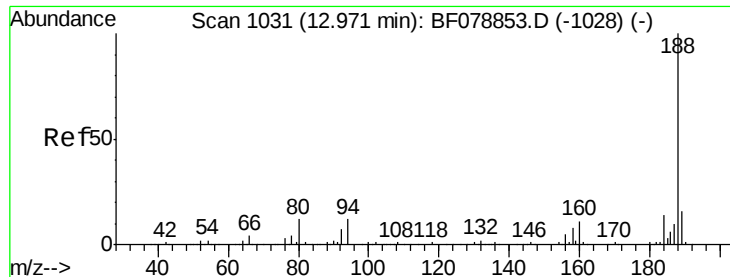
#44
 2-Fluorobiphenyl
 Concen: 72.40 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF079025.D
 Acq: 8 May 2015 7:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.6	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

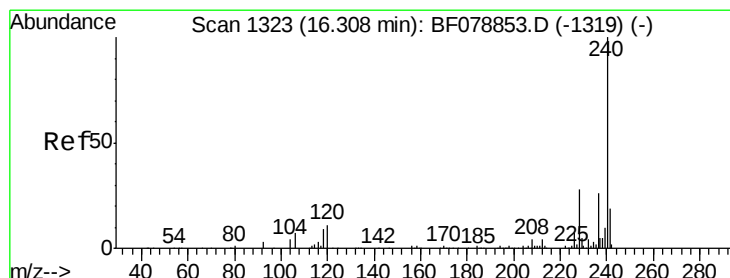
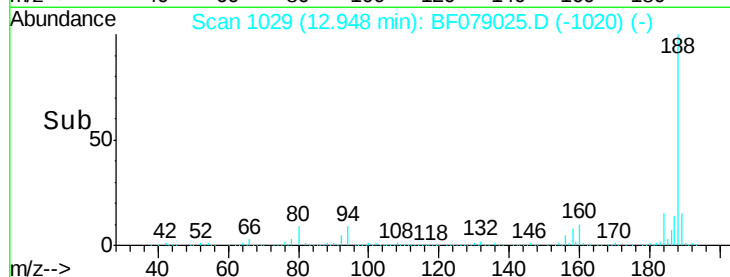
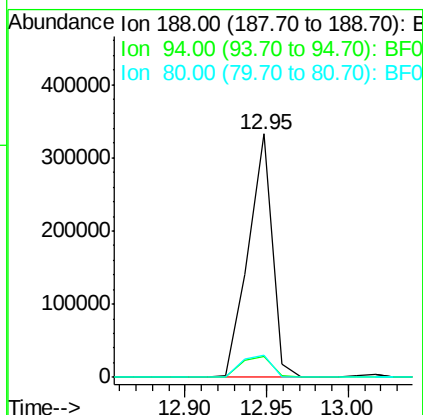
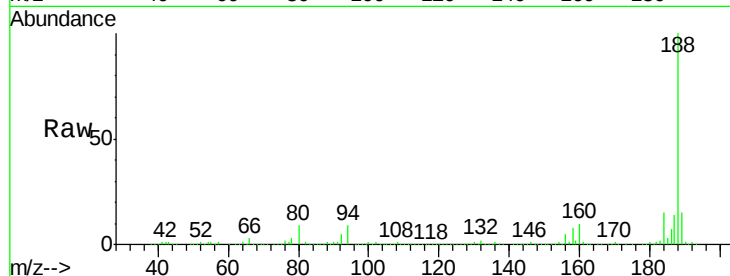




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF079025.D
Acq: 8 May 2015 7:04

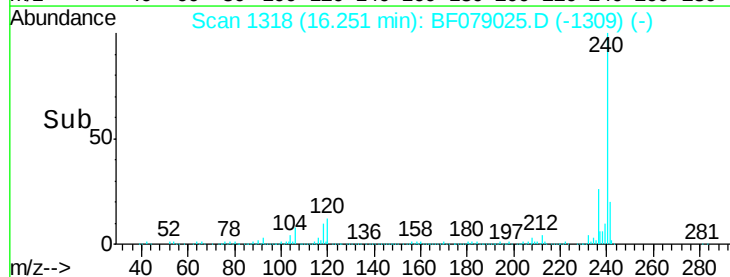
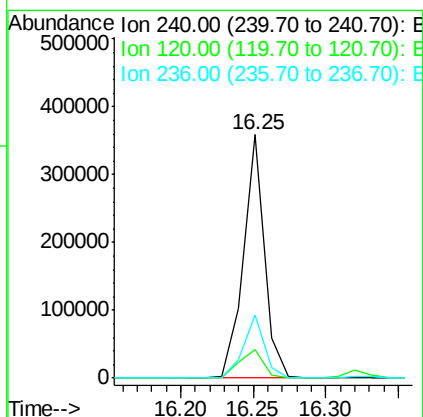
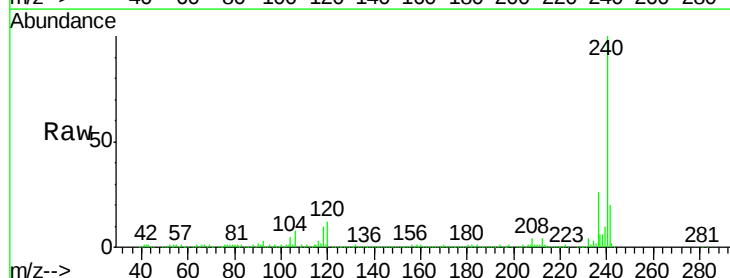
Instrument :
BNA_F
ClientSampleId :
W-15

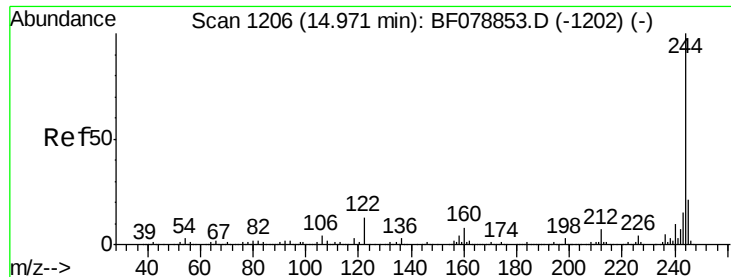
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	8.9	8.9	13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF079025.D
Acq: 8 May 2015 7:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.7	14.5
236	25.9	20.2	30.4

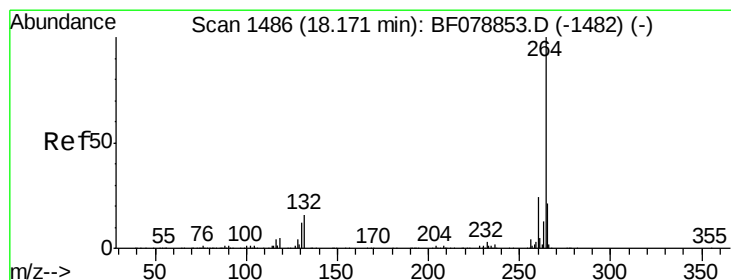
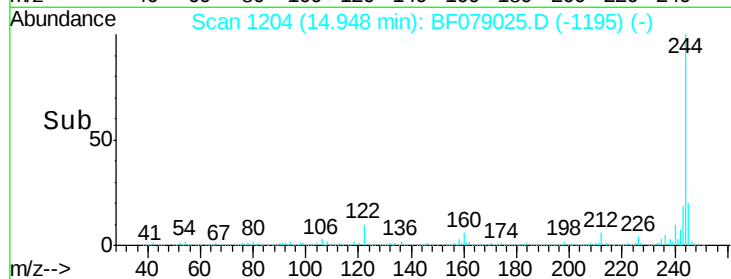
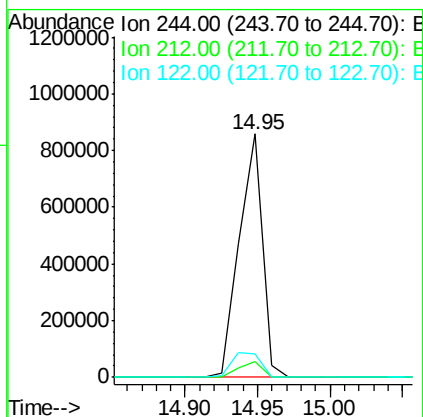
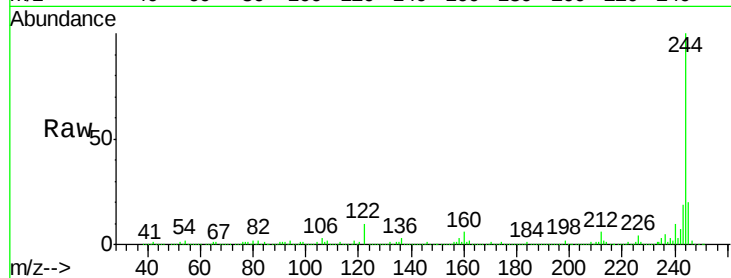




#78
 Terphenyl-d14
 Concen: 62.77 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF079025.D
 Acq: 8 May 2015 7:04

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Tot Ion:244 Resp: 950830
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.8 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.03 min Scan# 1474
 Delta R.T. 0.05 min
 Lab File: BF079025.D
 Acq: 8 May 2015 7:04

Tgt Ion:264 Resp: 359002
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.8 18.3 27.5

