

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079139.D
 Acq On : 12 May 2015 4:16
 Operator : TP/IZ
 Sample : G2146-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8

Quant Time: May 12 05:43:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 05:22:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	55115	20.00	ng	0.00
21) Naphthalene-d8	8.87	136	236905	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	124923	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	249633	20.00	ng	0.00
75) Chrysene-d12	16.18	240	275390	20.00	ng	-0.01
86) Perylene-d12	17.86	264	286599	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	188378	58.83	ng	0.00
7) Phenol-d6	6.86	99	156478	36.97	ng	0.00
23) Nitrobenzene-d5	7.99	82	346769	84.12	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	191615	141.79	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	698103	77.86	ng	0.00
78) Terphenyl-d14	14.89	244	909992	79.11	ng	0.00

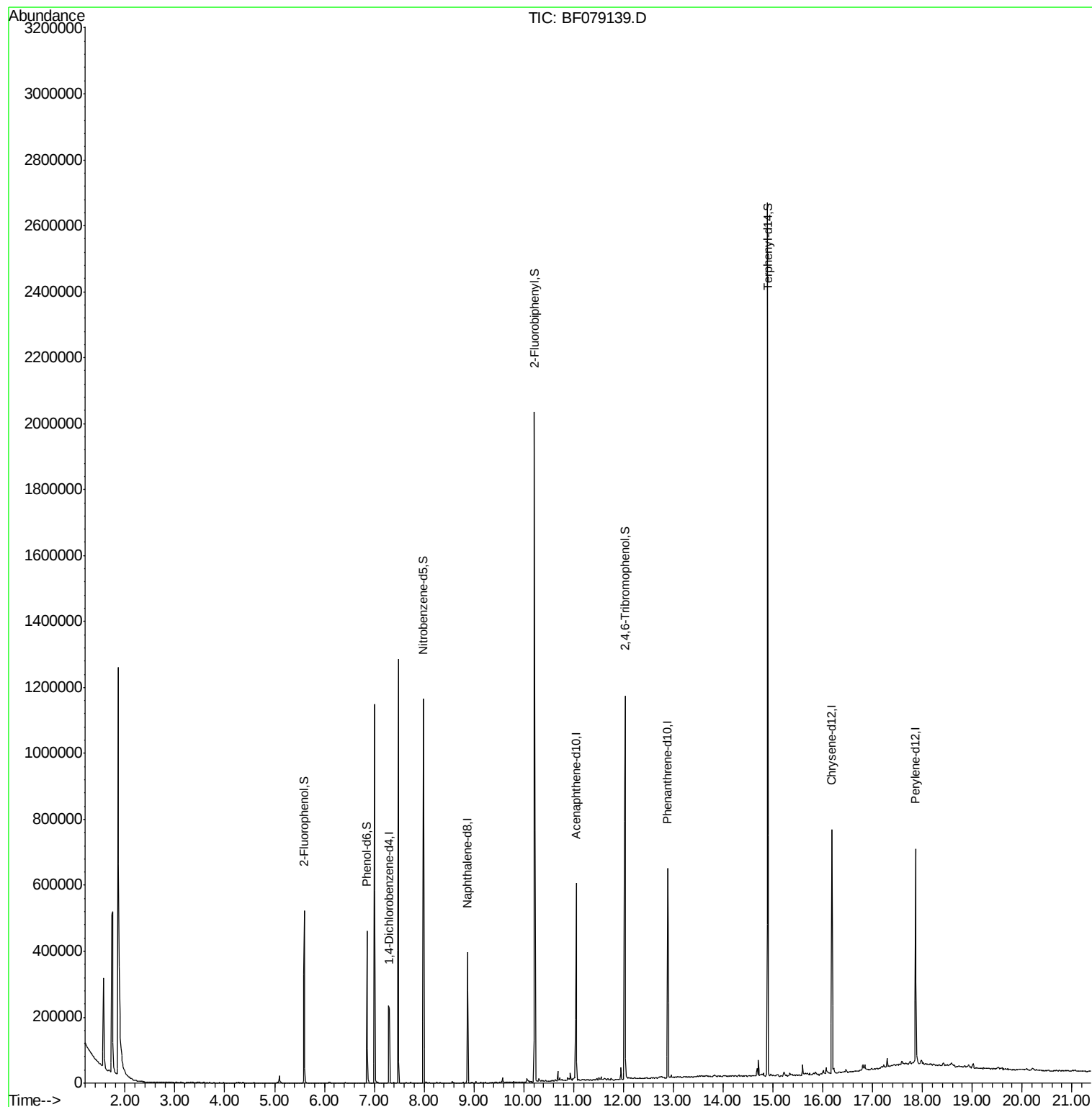
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF079139.D

Acq: 12 May 2015 4:16

Instrument :

BNA_F

ClientSampleId :

MW-8

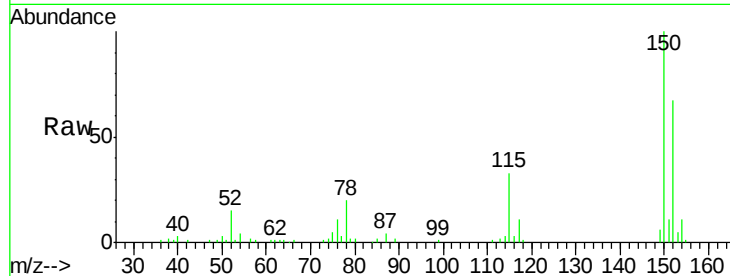
Tot Ion:152 Resp: 55115

Ion Ratio Lower Upper

152 100

150 149.5 122.0 183.0

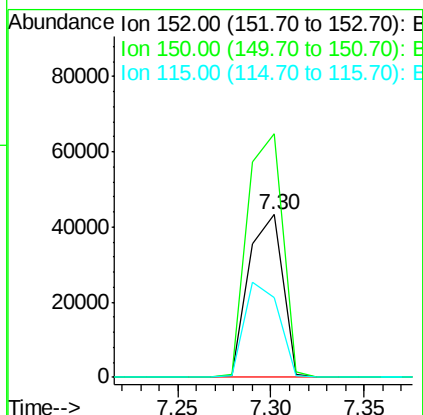
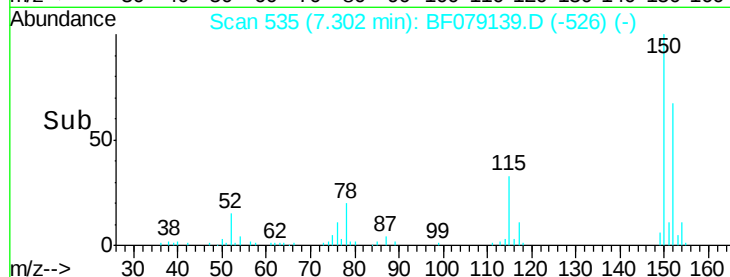
115 48.8 46.3 69.5



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: 58.83 ng

RT: 5.60 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF079139.D

Acq: 12 May 2015 4:16

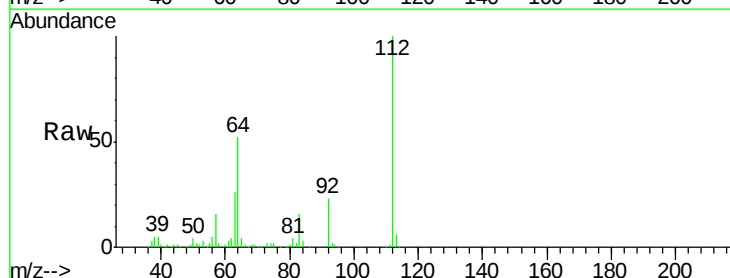
Tgt Ion:112 Resp: 188378

Ion Ratio Lower Upper

112 100

64 51.8 53.5 80.3#

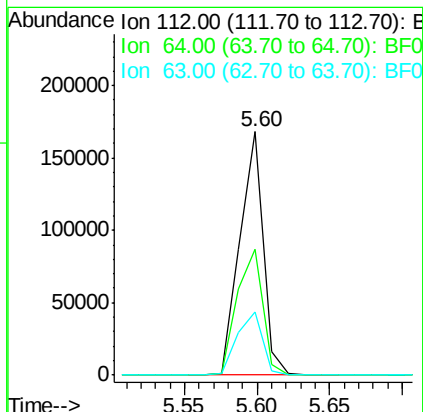
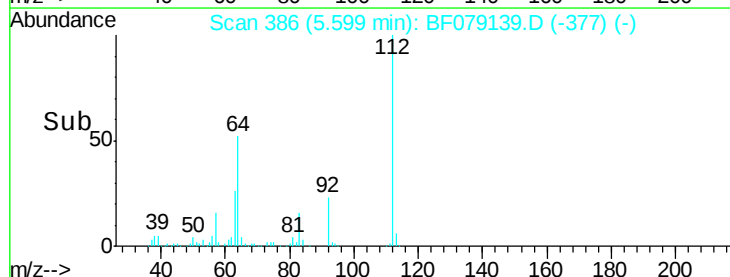
63 25.7 27.5 41.3#



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: 36.97 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079139.D

Acq: 12 May 2015 4:16

Instrument :

BNA_F

ClientSampleId :

MW-8

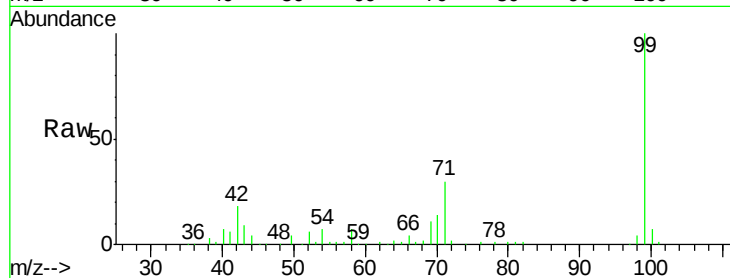
Tot Ion: 99 Resp: 156478

Ion Ratio Lower Upper

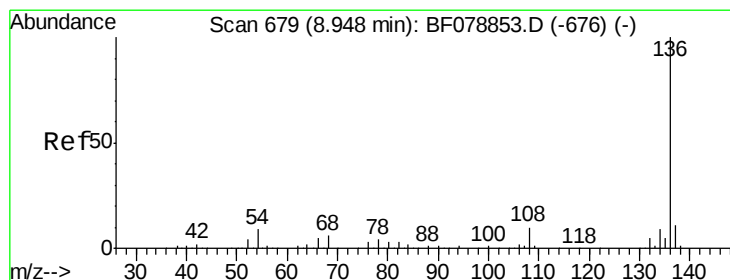
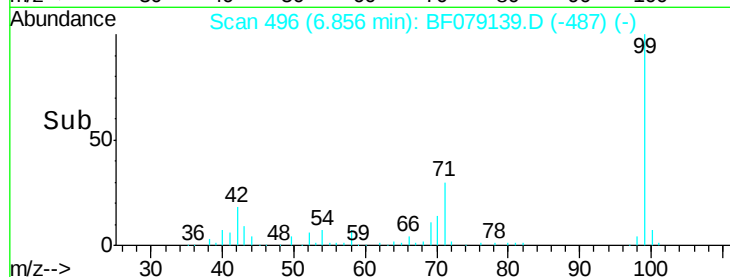
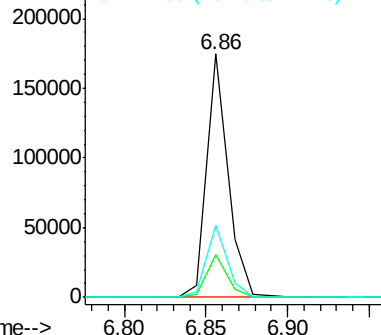
99 100

42 17.7 12.8 19.2

71 29.6 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: 8.87 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF079139.D

Acq: 12 May 2015 4:16

Tgt Ion: 136 Resp: 236905

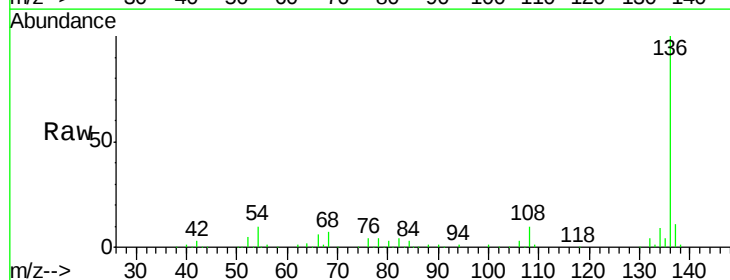
Ion Ratio Lower Upper

136 100

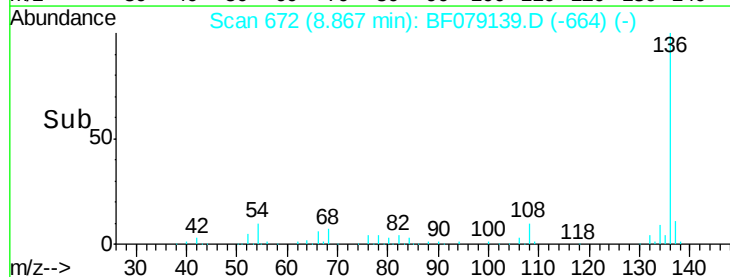
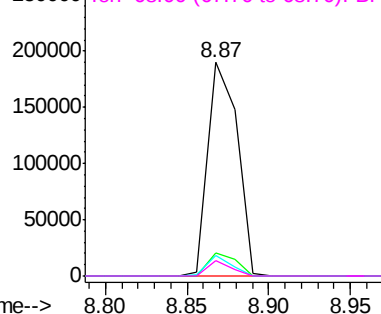
137 11.0 8.7 13.1

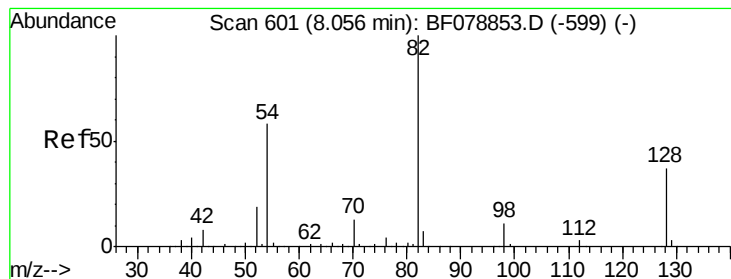
54 9.7 5.8 8.8#

68 7.1 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: 84.12 ng

RT: 7.99 min Scan# 595

Delta R.T. -0.00 min

Lab File: BF079139.D

Acq: 12 May 2015 4:16

Instrument :

BNA_F

ClientSampleId :

MW-8

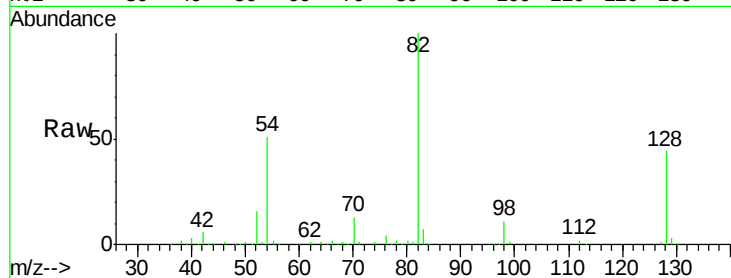
Tot Ion: 82 Resp: 346769

Ion Ratio Lower Upper

82 100

128 44.2 30.0 45.0

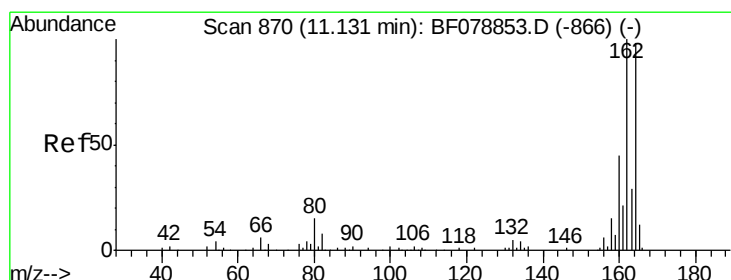
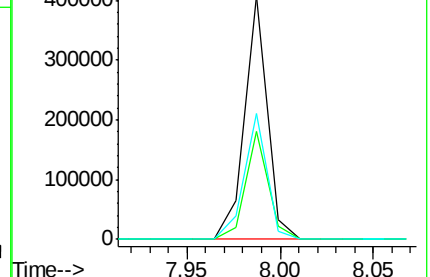
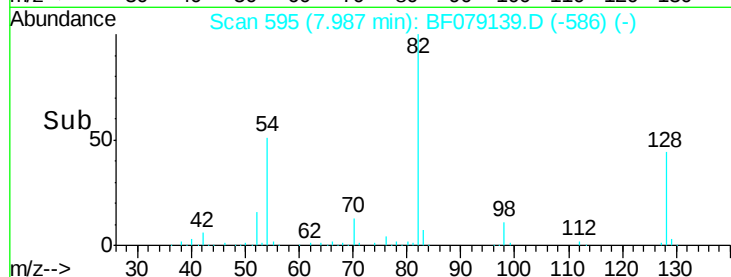
54 51.5 46.4 69.6



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: 11.05 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF079139.D

Acq: 12 May 2015 4:16

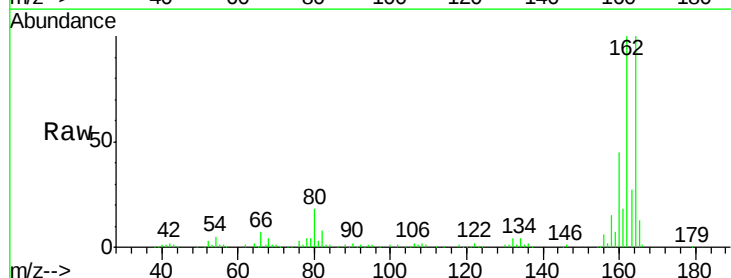
Tgt Ion: 164 Resp: 124923

Ion Ratio Lower Upper

164 100

162 100.0 82.7 124.1

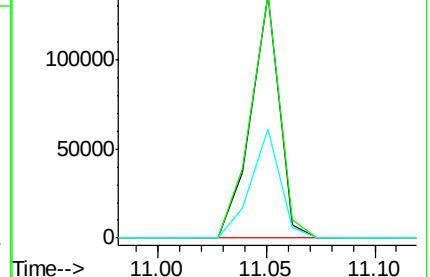
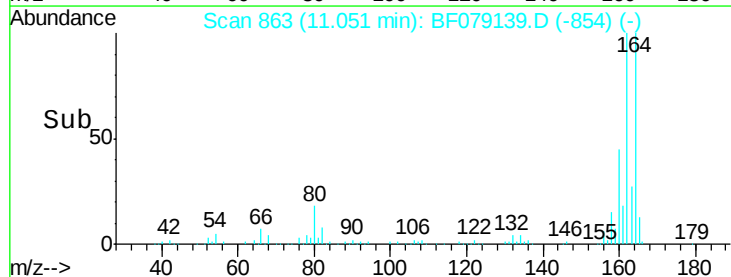
160 44.8 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

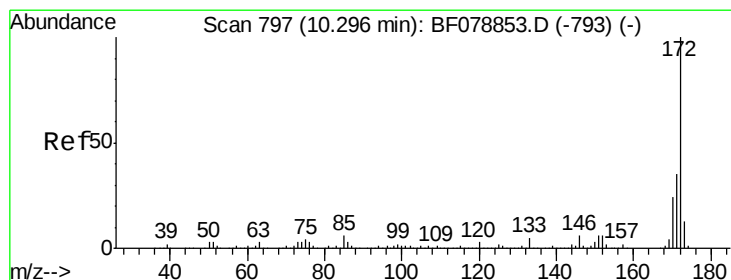
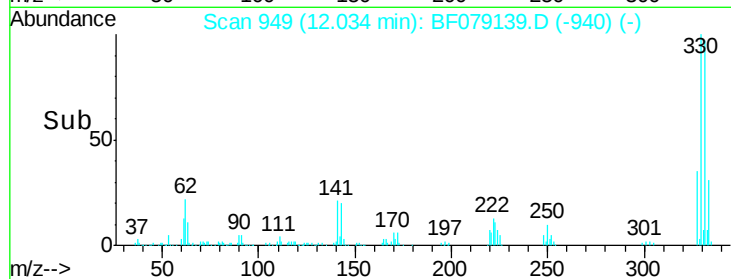
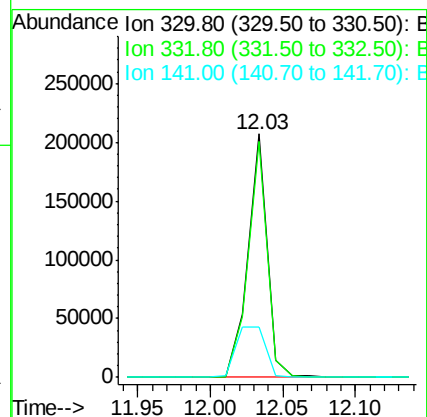
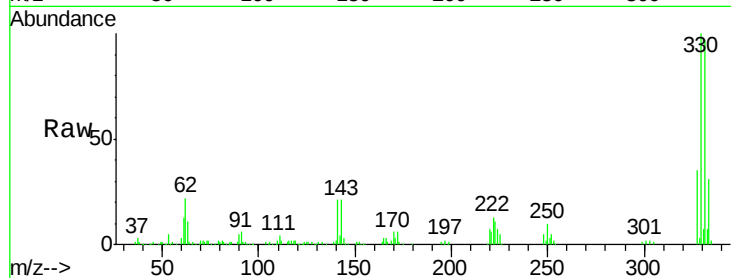




#41
 2,4,6-Tribromophenol
 Concen: 141.79 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079139.D
 Acq: 12 May 2015 4:16

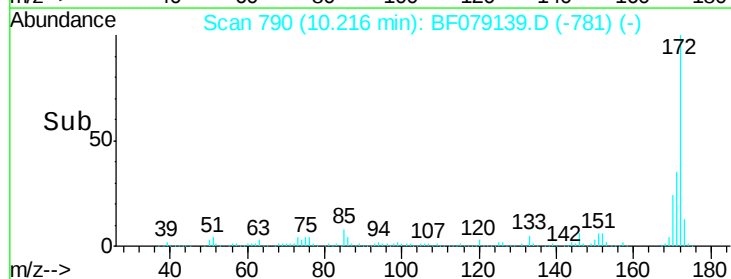
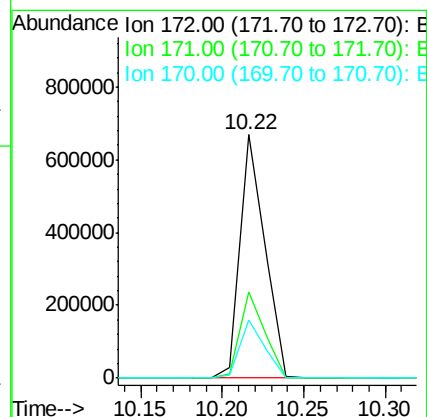
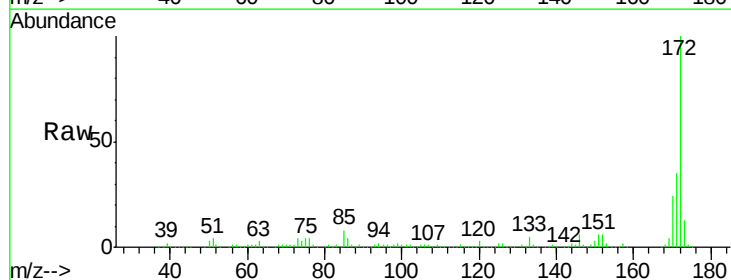
Instrument :
 BNA_F
 ClientSampled :
 MW-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	32.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 77.86 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF079139.D
 Acq: 12 May 2015 4:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.9	19.4	29.0

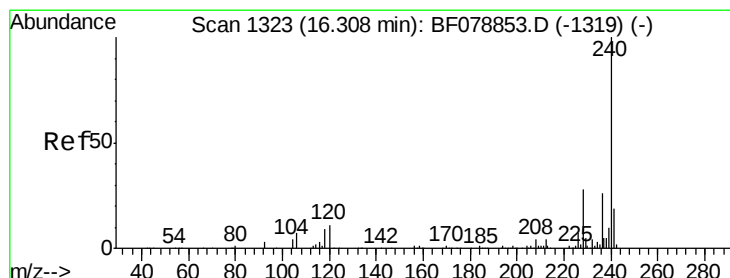
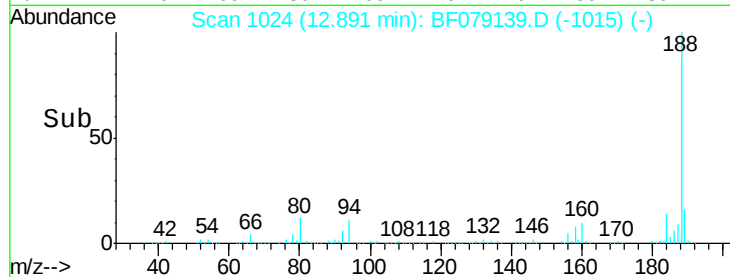
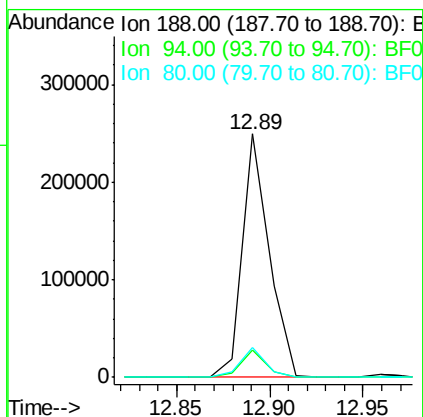
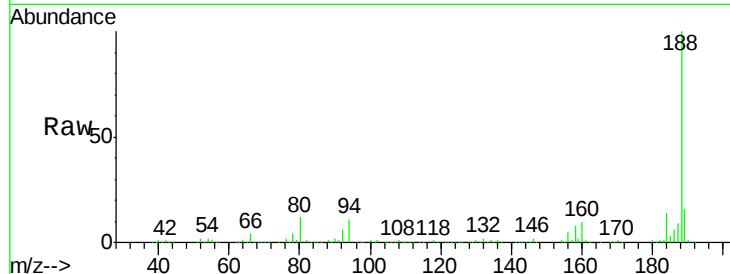




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.89 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF079139.D
Acq: 12 May 2015 4:16

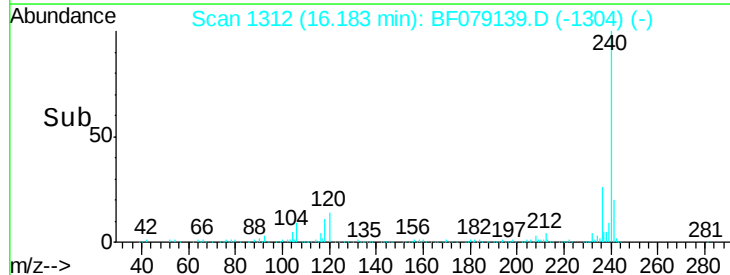
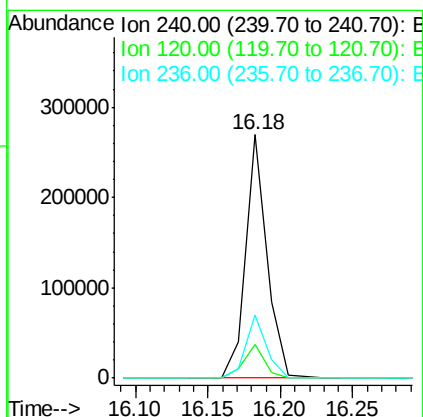
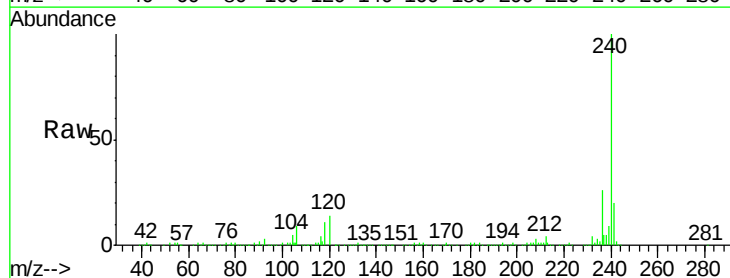
Instrument :
BNA_F
ClientSampleId :
MW-8

Tot Ion:188 Resp: 249633
Ion Ratio Lower Upper
188 100
94 11.3 8.2 12.2
80 12.2 8.9 13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.18 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF079139.D
Acq: 12 May 2015 4:16

Tgt Ion:240 Resp: 275390
Ion Ratio Lower Upper
240 100
120 13.7 9.7 14.5
236 25.8 20.2 30.4





#78

Terphenyl-d14

Concen: 79.11 ng

RT: 14.89 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF079139.D

Acq: 12 May 2015 4:16

Instrument :

BNA_F

ClientSampleId :

MW-8

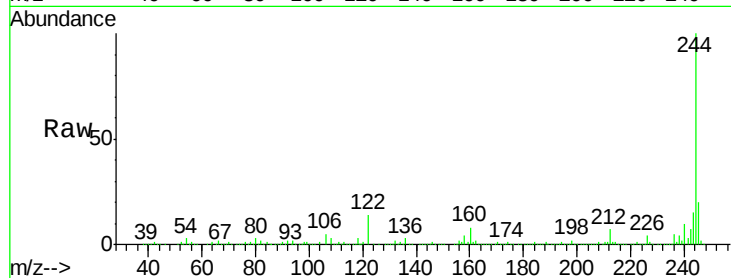
Tot Ion:244 Resp: 909992

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

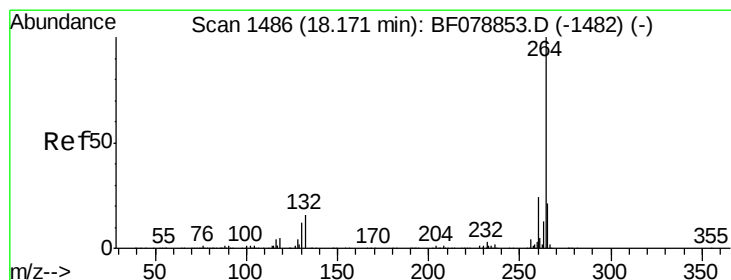
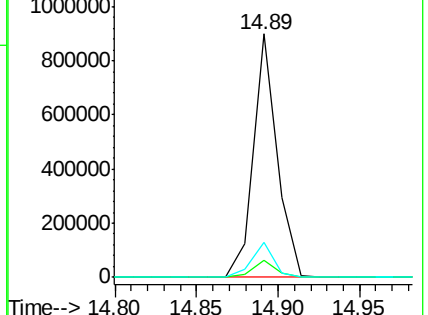
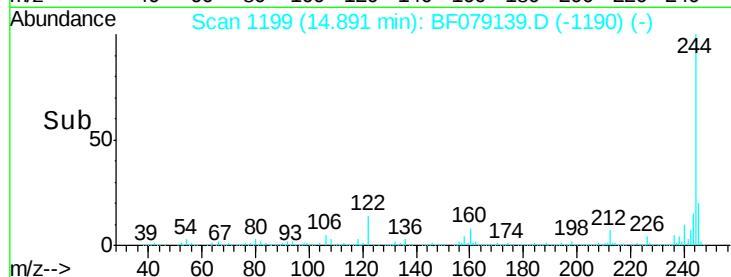
122 14.5 10.3 15.5



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: 17.86 min Scan# 1459

Delta R.T. -0.10 min

Lab File: BF079139.D

Acq: 12 May 2015 4:16

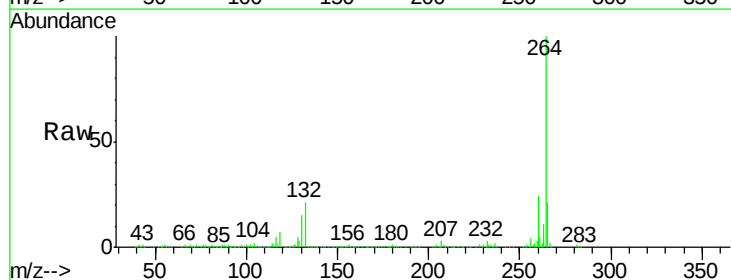
Tgt Ion:264 Resp: 286599

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.5 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

