

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079063.D
 Acq On : 9 May 2015 5:12
 Operator : TP/IZ
 Sample : G2171-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-139-5715

Quant Time: May 09 05:49:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 09 04:13:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	71992	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	289771	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	142787	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	277358	20.00	ng	0.00
75) Chrysene-d12	16.22	240	245832	20.00	ng	0.00
86) Perylene-d12	17.95	264	247418	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	249774	59.72	ng	0.00
7) Phenol-d6	6.88	99	198524	35.91	ng	0.00
23) Nitrobenzene-d5	8.01	82	455212	90.29	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	212372	137.49	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	891546	86.99	ng	0.00
78) Terphenyl-d14	14.91	244	1016292	98.98	ng	0.00

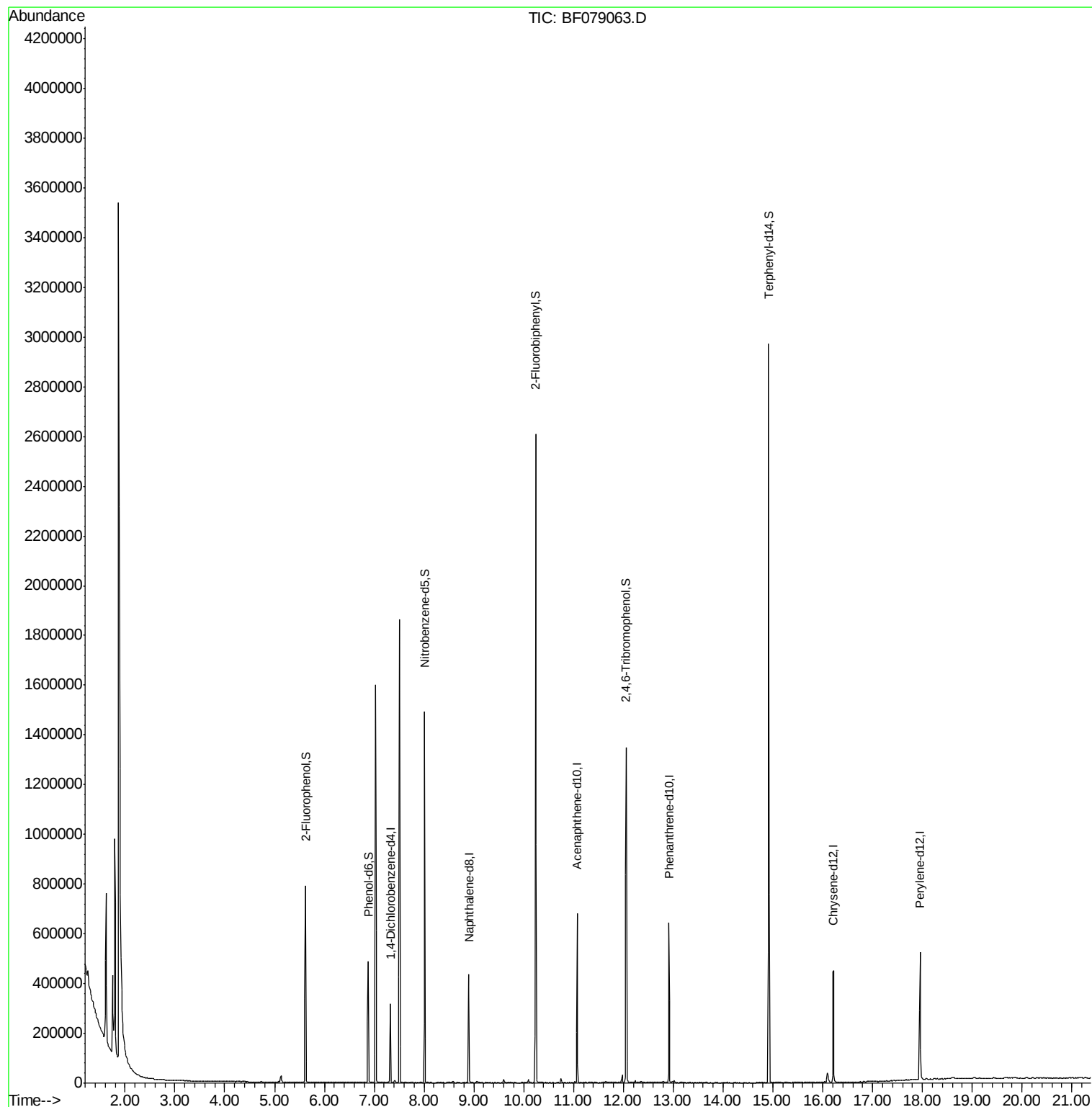
Target Compounds Qvalue

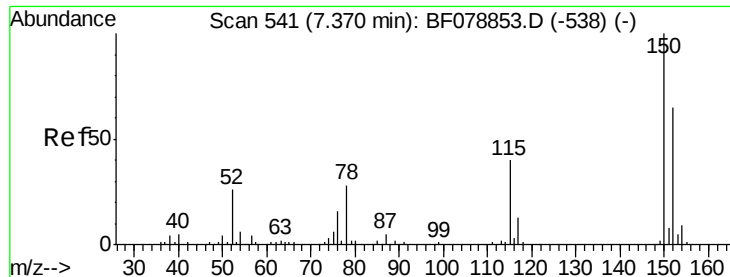
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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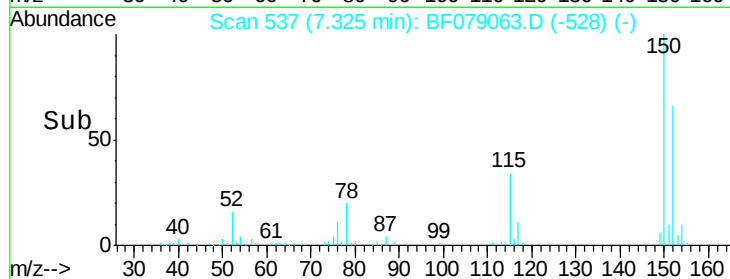
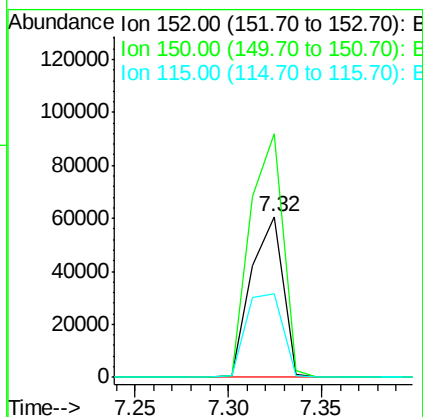
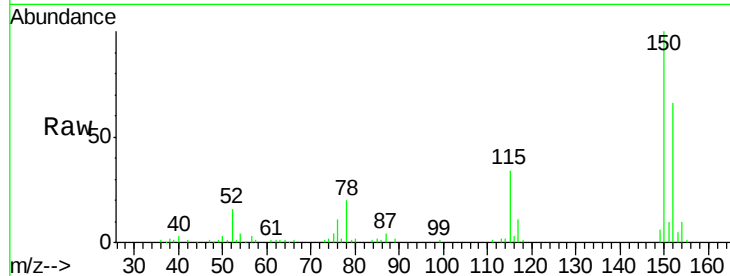


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079063.D
Acq: 9 May 2015 5:12

Instrument :
BNA_F
ClientSampleId :
DCW-WW-139-5715

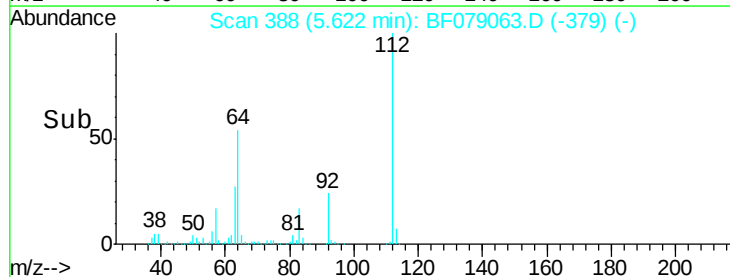
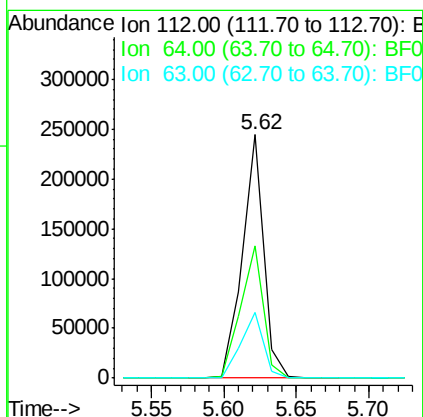
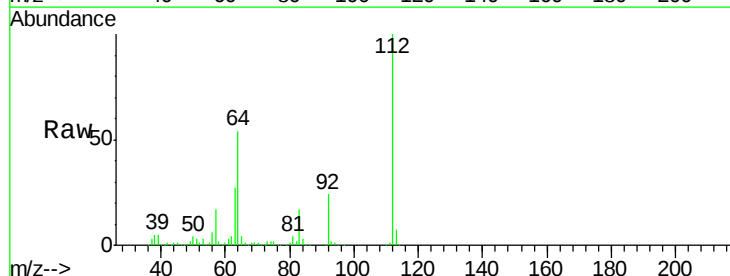
Tot Ion:152 Resp: 71992
Ion Ratio Lower Upper
152 100
150 151.5 122.0 183.0
115 51.9 46.3 69.5



#5

2-Fluorophenol
Concen: 59.72 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079063.D
Acq: 9 May 2015 5:12

Tgt Ion:112 Resp: 249774
Ion Ratio Lower Upper
112 100
64 54.3 53.5 80.3
63 27.1 27.5 41.3#





#7

Phenol-d6

Concen: 35.91 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079063.D

Acq: 9 May 2015 5:12

Instrument :

BNA_F

ClientSampleId :

DCW-WW-139-5715

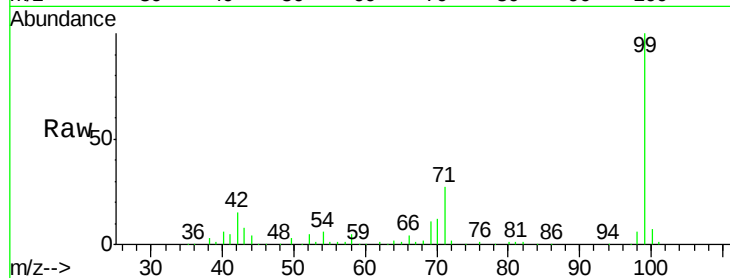
Tot Ion: 99 Resp: 198524

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

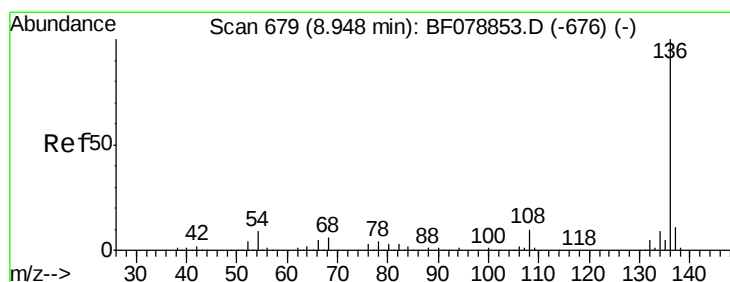
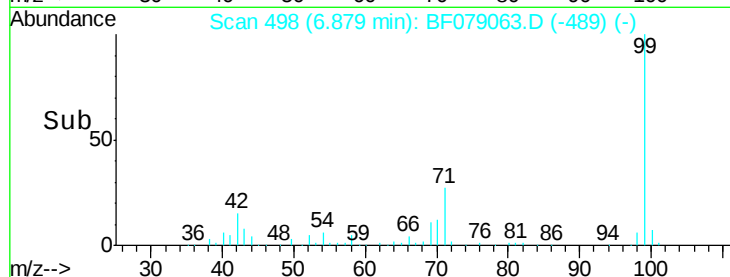
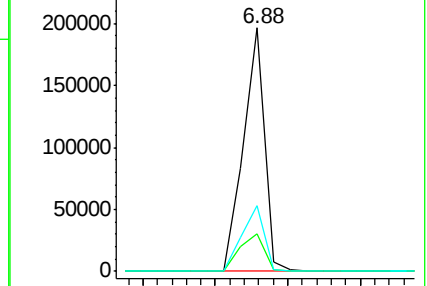
71 27.2 23.4 35.2



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: 8.90 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF079063.D

Acq: 9 May 2015 5:12

Tgt Ion: 136 Resp: 289771

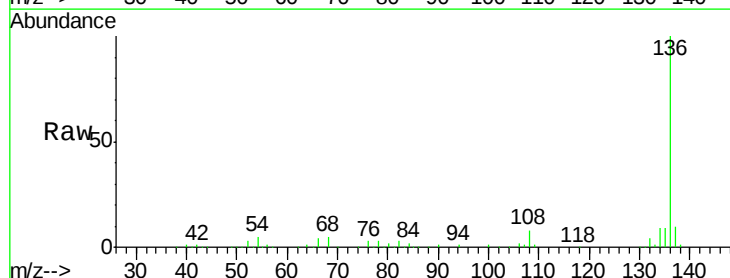
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 5.3 5.8 8.8#

68 4.8 4.2 6.4

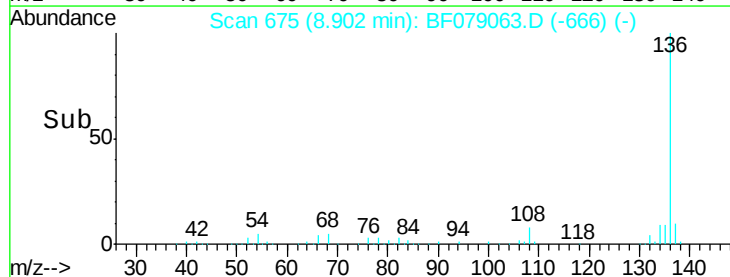
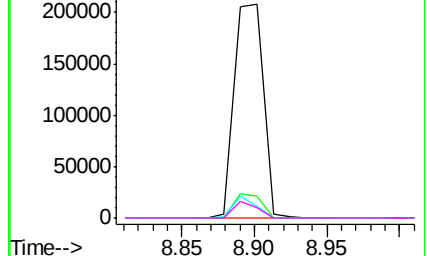


Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

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) (-)

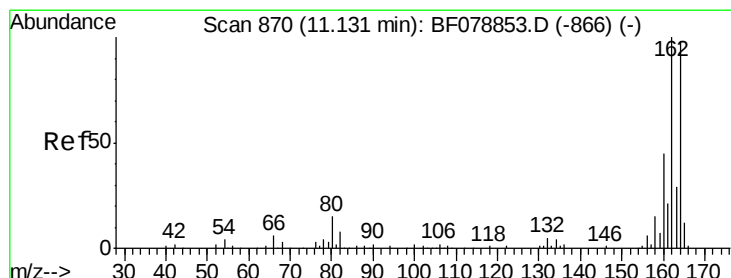
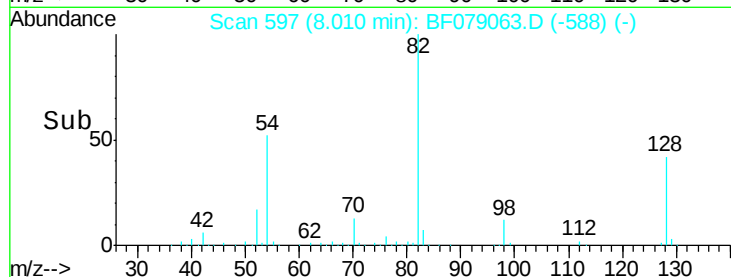
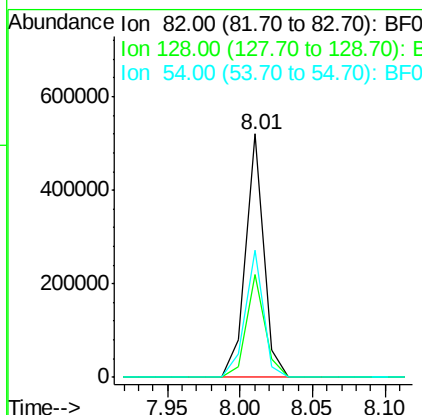
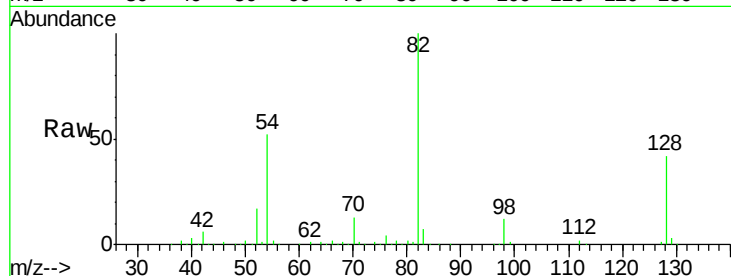




#23
 Nitrobenzene-d5
 Concen: 90.29 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079063.D
 Acq: 9 May 2015 5:12

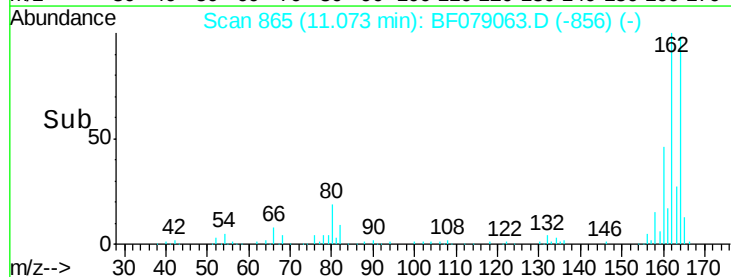
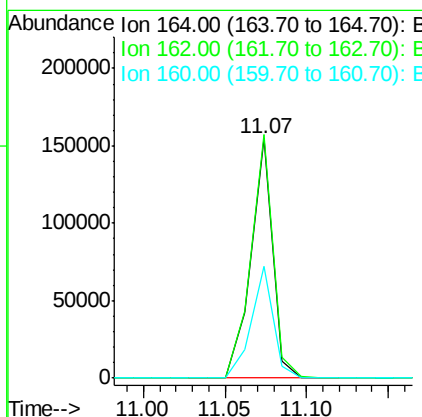
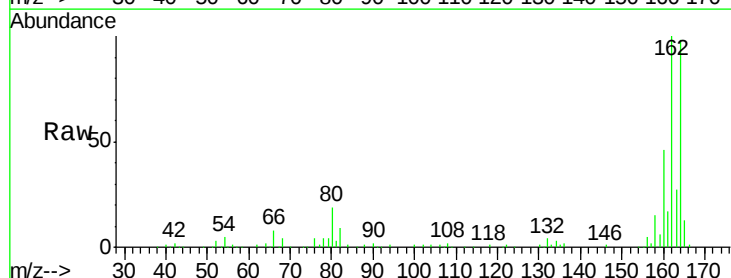
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-139-5715

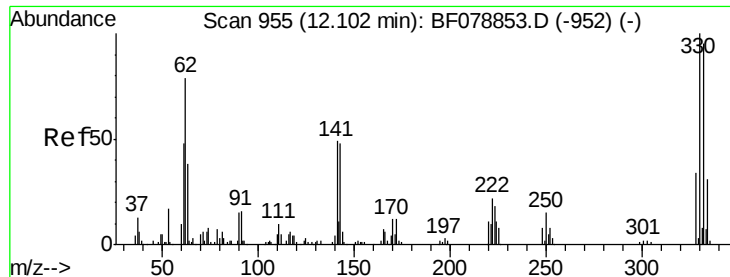
Tot Ion: 82 Resp: 455212
 Ion Ratio Lower Upper
 82 100
 128 42.5 30.0 45.0
 54 52.1 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079063.D
 Acq: 9 May 2015 5:12

Tgt Ion:164 Resp: 142787
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.7 124.1
 160 46.6 35.8 53.8

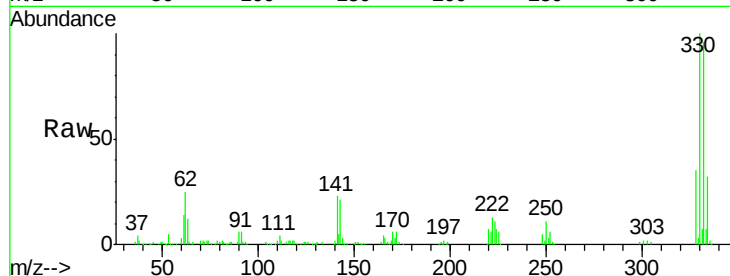




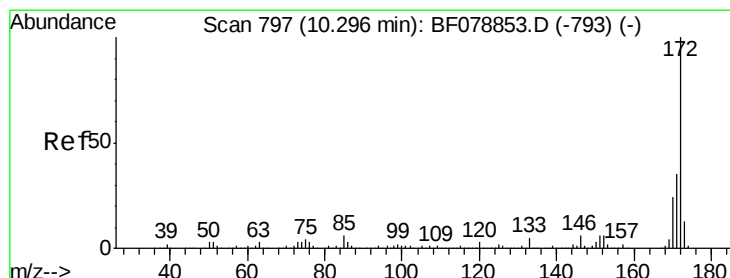
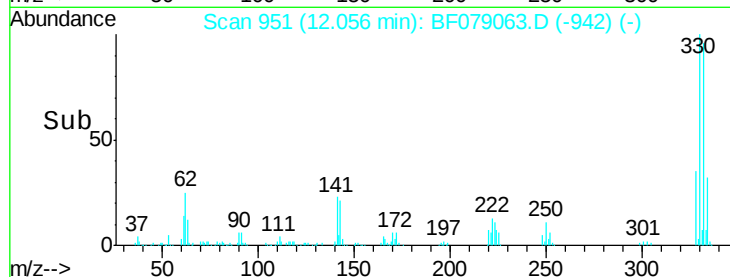
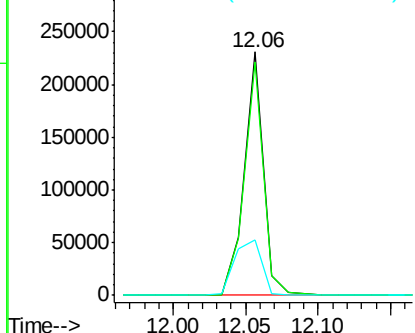
#41
 2,4,6-Tribromophenol
 Concen: 137.49 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079063.D
 Acq: 9 May 2015 5:12

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-139-5715

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	33.0	0.0	0.0#

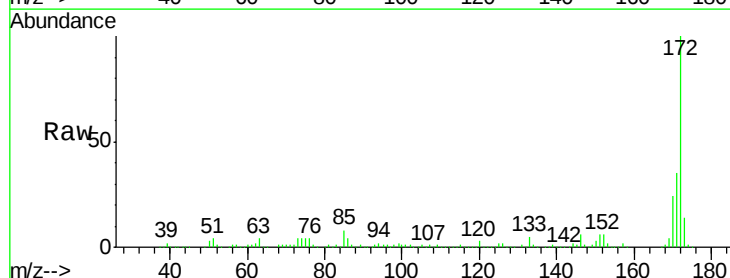


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

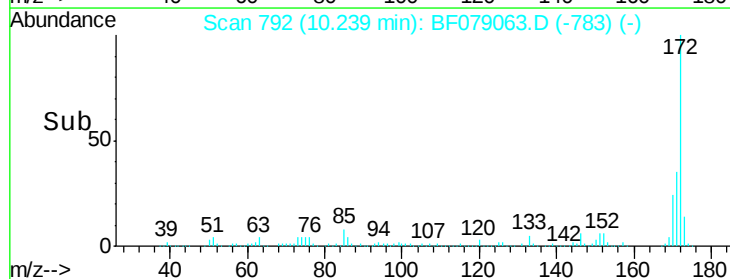
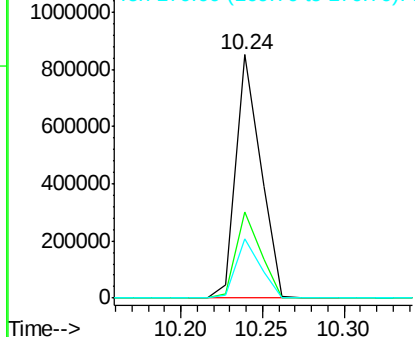


#44
 2-Fluorobiphenyl
 Concen: 86.99 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079063.D
 Acq: 9 May 2015 5:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	24.2	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

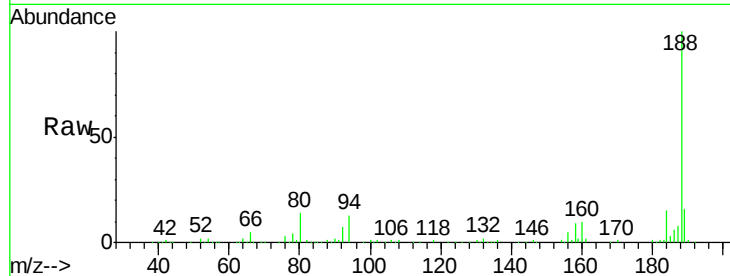




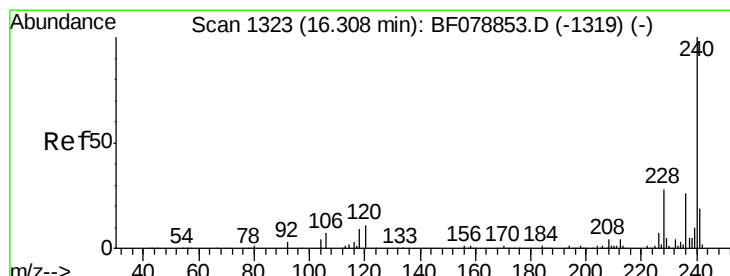
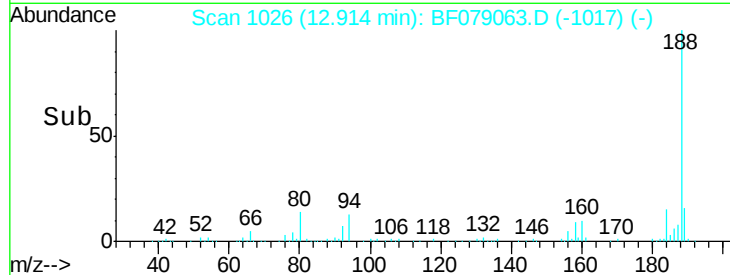
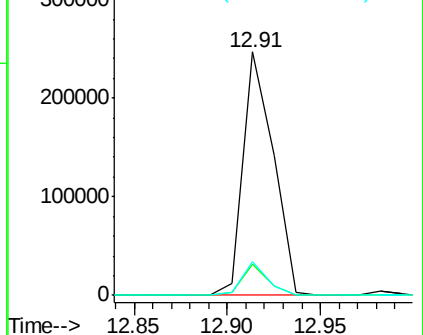
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079063.D
Acq: 9 May 2015 5:12

Instrument :
BNA_F
ClientSampleId :
DCW-WW-139-5715

Tot Ion:188 Resp: 277358
Ion Ratio Lower Upper
188 100
94 12.8 8.2 12.2#
80 13.6 8.9 13.3#

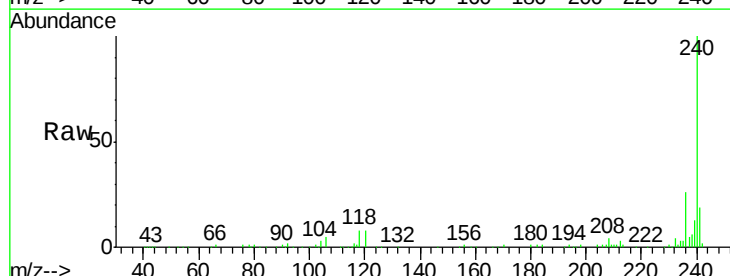


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

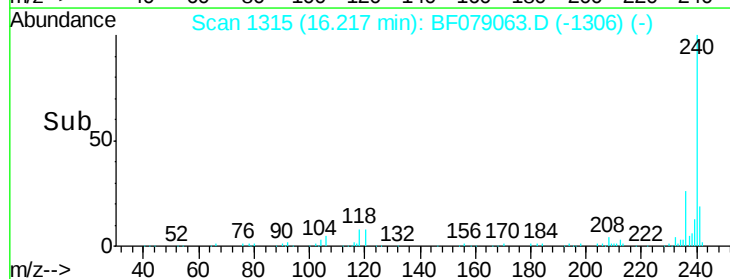
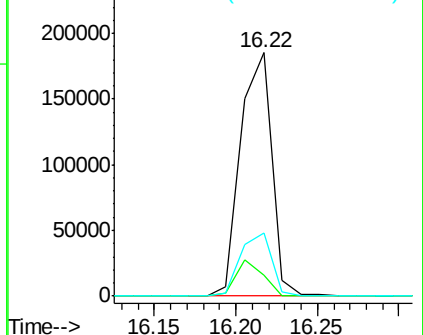


#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF079063.D
Acq: 9 May 2015 5:12

Tgt Ion:240 Resp: 245832
Ion Ratio Lower Upper
240 100
120 8.4 9.7 14.5#
236 25.9 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

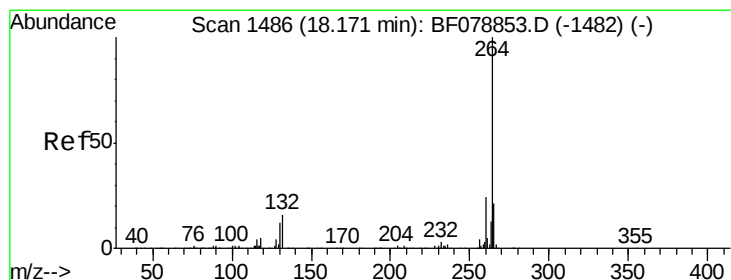
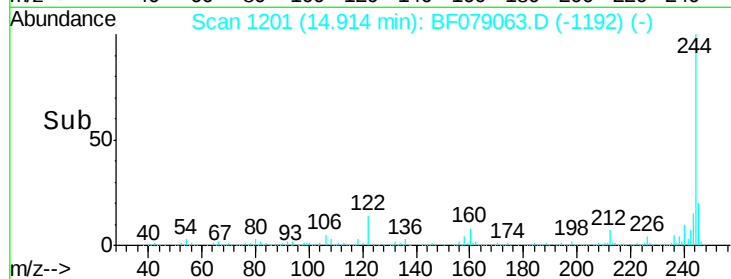
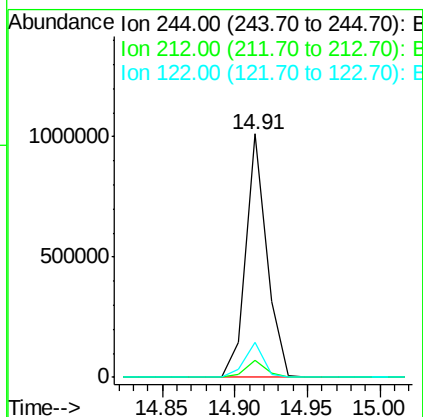
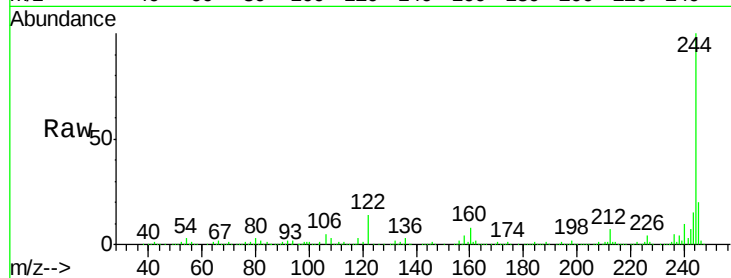




#78
 Terphenyl-d14
 Concen: 98.98 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079063.D
 Acq: 9 May 2015 5:12

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-139-5715

Tot Ion:244 Resp: 1016292
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1467
 Delta R.T. 0.02 min
 Lab File: BF079063.D
 Acq: 9 May 2015 5:12

Tgt Ion:264 Resp: 247418
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.6 18.3 27.5

