

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079954.D
 Acq On : 13 Jun 2015 00:30
 Operator : TP/IZ
 Sample : G2627-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Quant Time: Jun 13 01:22:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

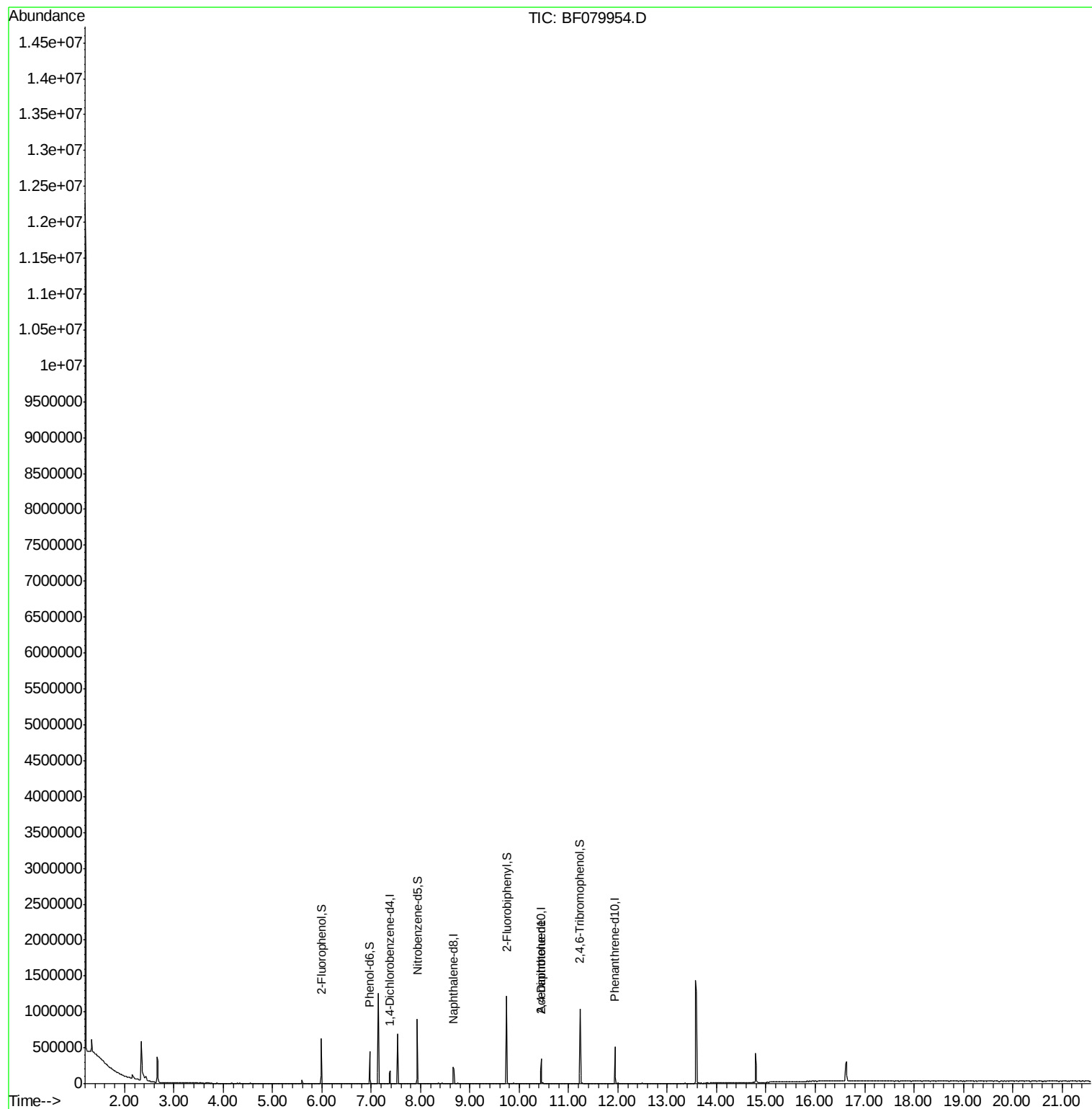
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	38486	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	149168	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	81413	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	182076	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	154577	73.65	ng	0.00
7) Phenol-d6	6.97	99	132506	46.34	ng	0.00
23) Nitrobenzene-d5	7.93	82	239803	106.07	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	106524	129.91	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	566207	97.39	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
56) 2,4-Dinitrotoluene	10.44	165	10742	10.93	ng	Qvalue # 32

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

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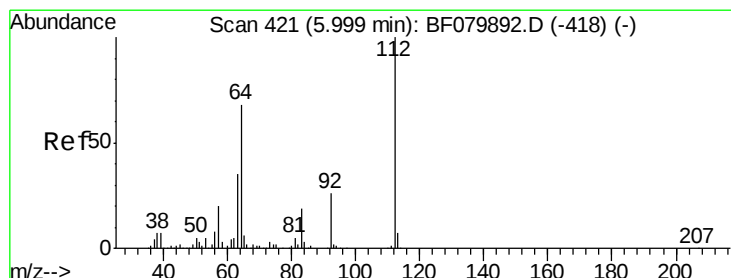
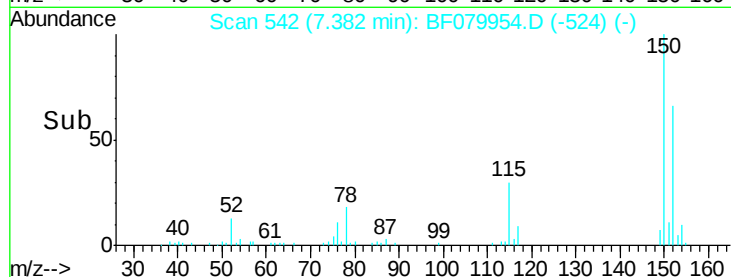
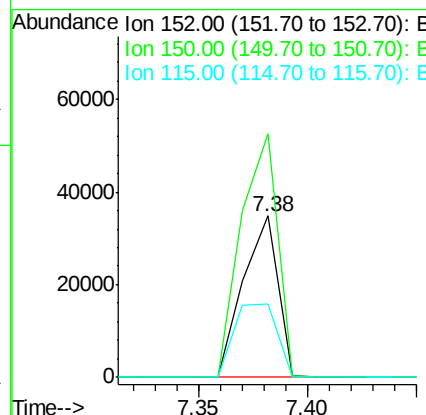
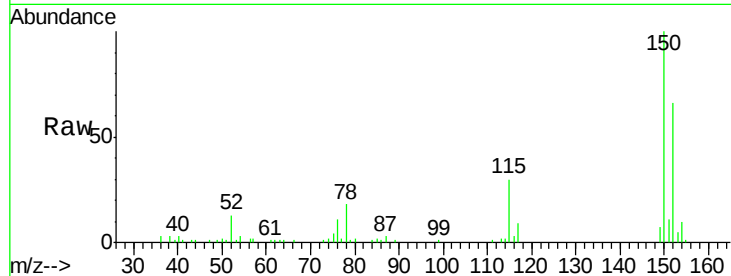


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

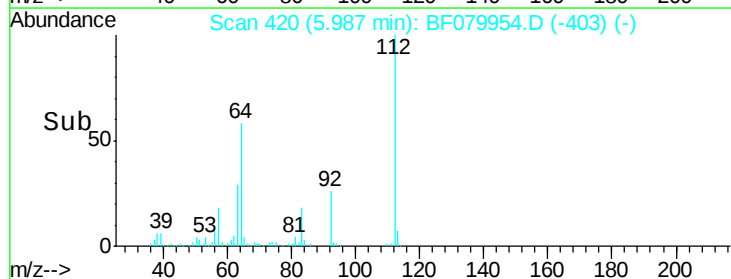
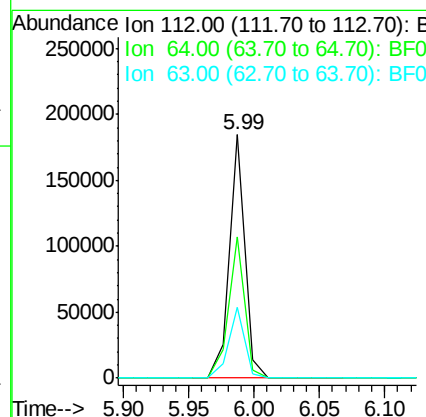
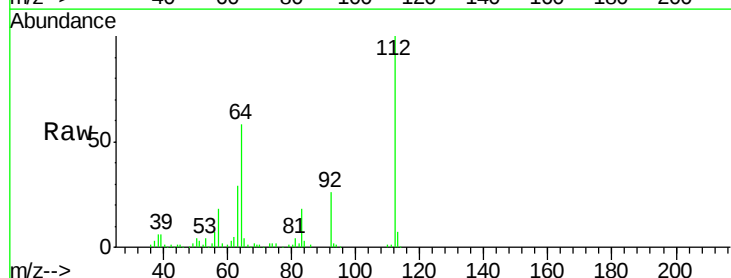
Tgt Ion:152 Resp: 38486
 Ion Ratio Lower Upper
 152 100
 150 150.6 131.0 196.4
 115 45.8 49.8 74.6#

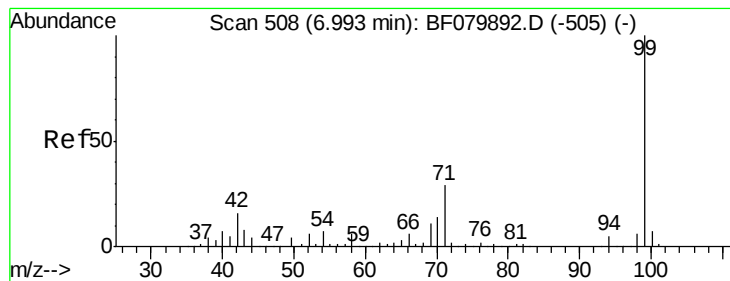


#5

2-Fluorophenol
 Concen: 73.65 ng
 RT: 5.99 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

Tgt Ion:112 Resp: 154577
 Ion Ratio Lower Upper
 112 100
 64 58.1 54.5 81.7
 63 29.2 27.9 41.9





#7

Phenol-d6

Concen: 46.34 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079954.D

Acq: 13 Jun 2015 00:30

Instrument :

BNA_F

ClientSampleId :

MW-21

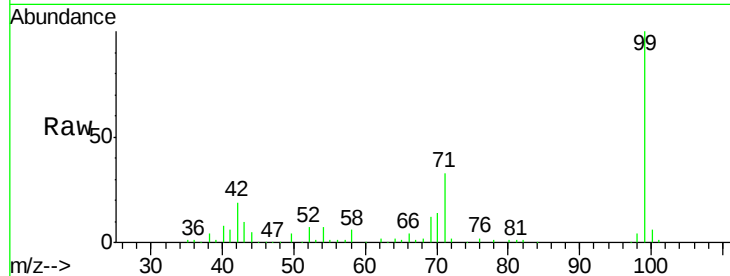
Tgt Ion: 99 Resp: 132506

Ion Ratio Lower Upper

99 100

42 19.3 12.9 19.3#

71 32.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079892.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BF079892.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BF079892.D (-505) (-)

6.97

150000

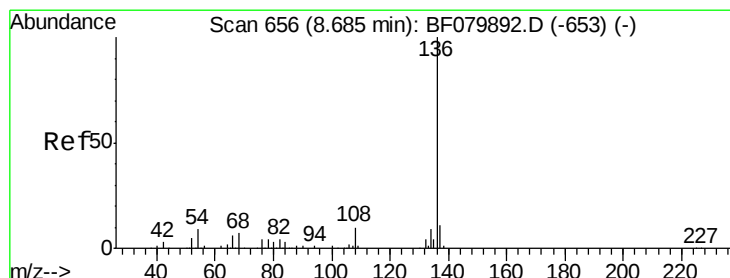
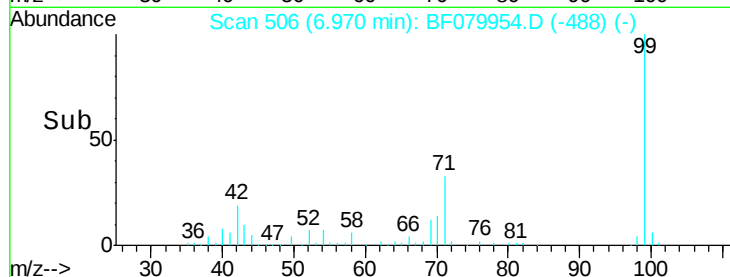
100000

50000

0

6.90 7.00 7.10

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079954.D

Acq: 13 Jun 2015 00:30

Tgt Ion: 136 Resp: 149168

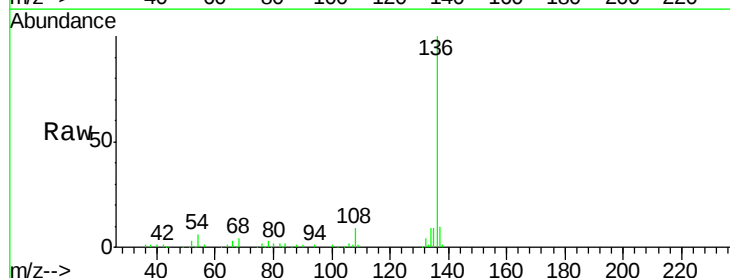
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 5.6 7.3 10.9#

68 4.1 5.9 8.9#



Abundance Ion 136.00 (135.70 to 136.70): BF079892.D (-653) (-)

Ion 137.00 (136.70 to 137.70): BF079892.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-653) (-)

Ion 68.00 (67.70 to 68.70): BF079892.D (-653) (-)

8.67

150000

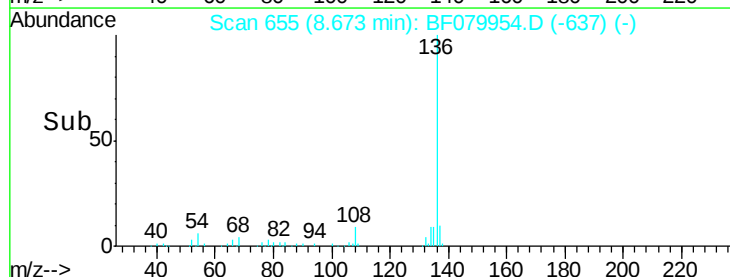
100000

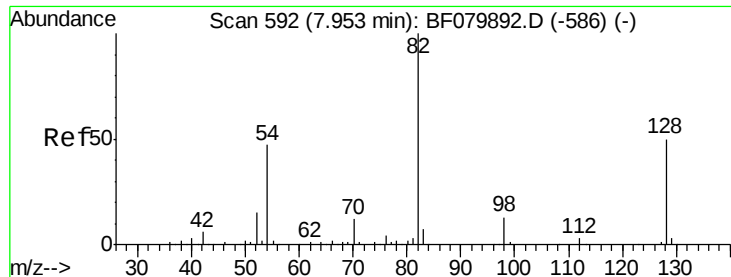
50000

0

8.60 8.65 8.70

Time-->

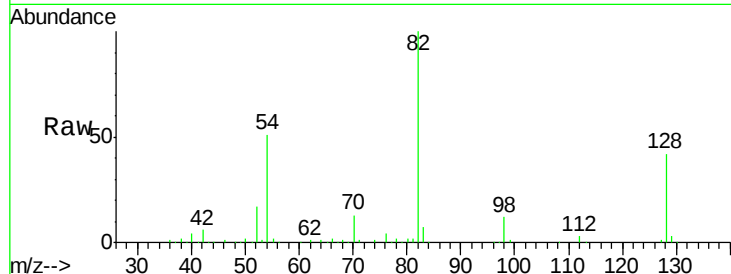




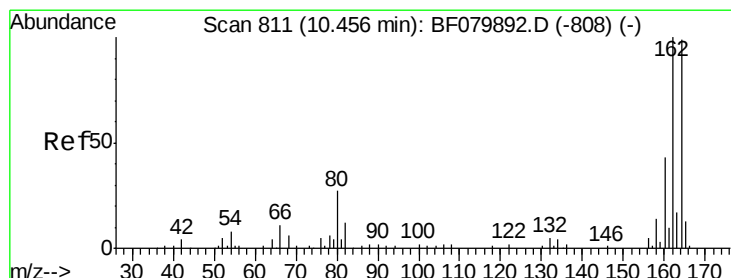
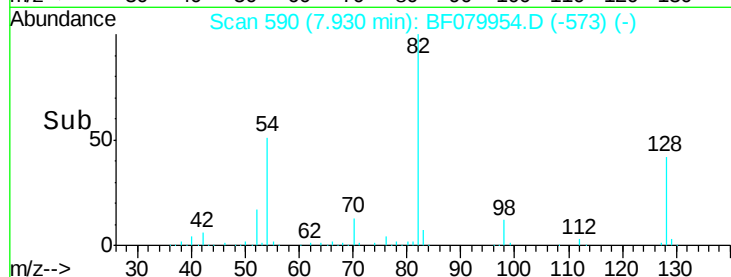
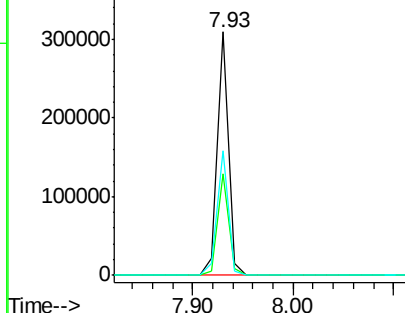
#23
 Nitrobenzene-d5
 Concen: 106.07 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tgt Ion: 82 Resp: 239803
 Ion Ratio Lower Upper
 82 100
 128 41.5 40.3 60.5
 54 51.3 38.0 57.0

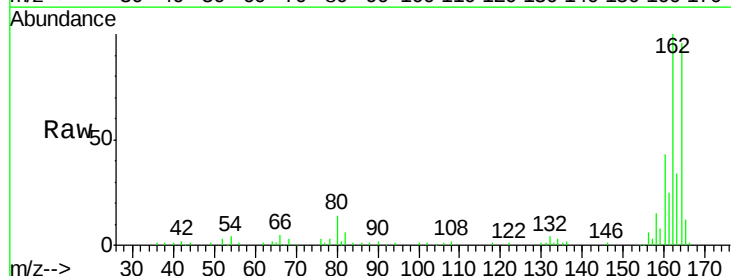


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

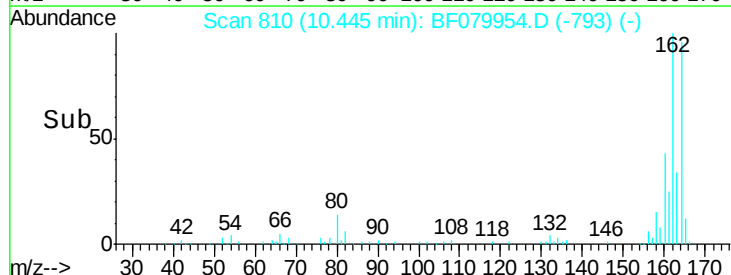
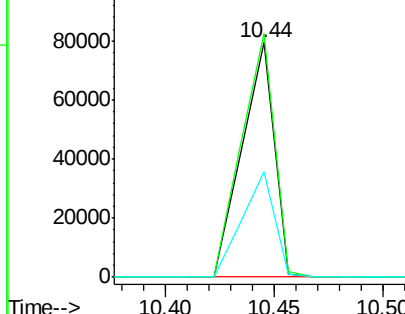


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

Tgt Ion: 164 Resp: 81413
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.7 121.1
 160 44.7 34.6 51.8



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

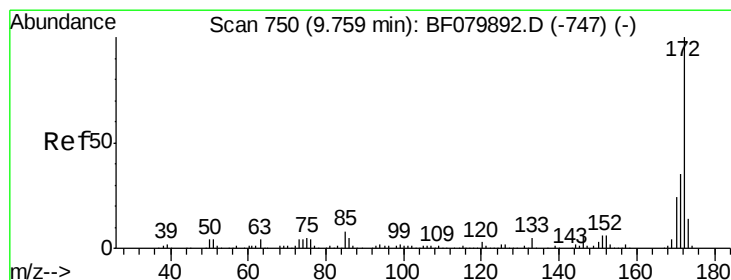
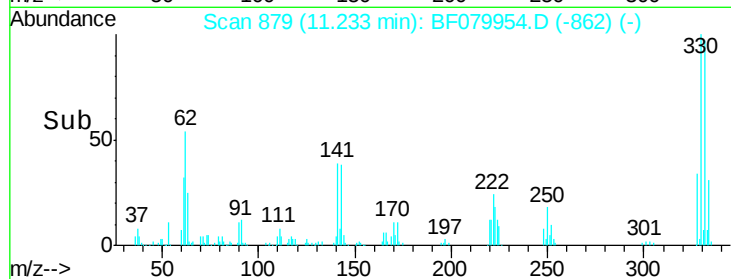
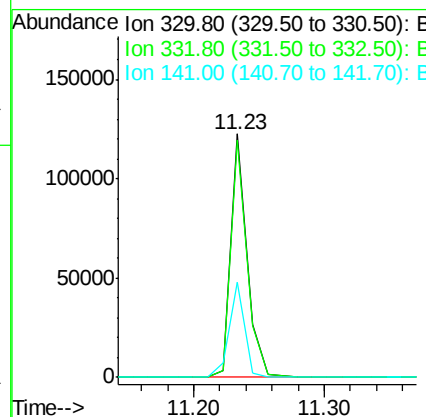
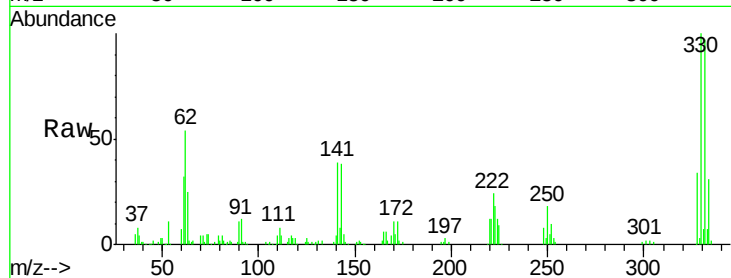




#41
 2,4,6-Tribromophenol
 Concen: 129.91 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

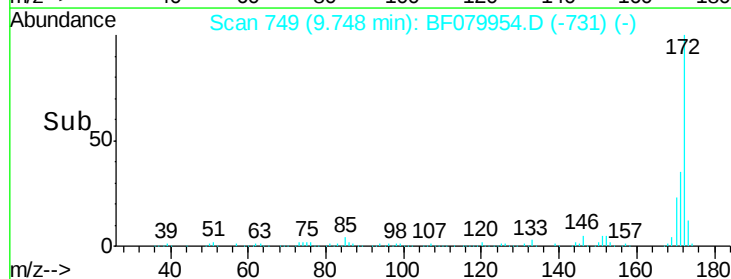
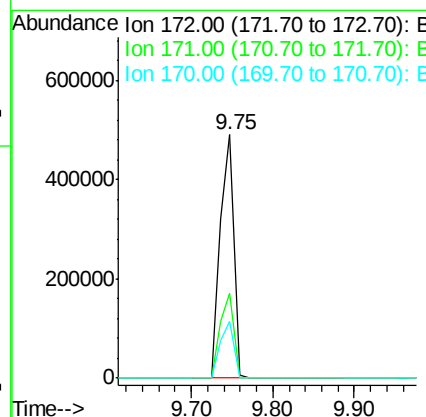
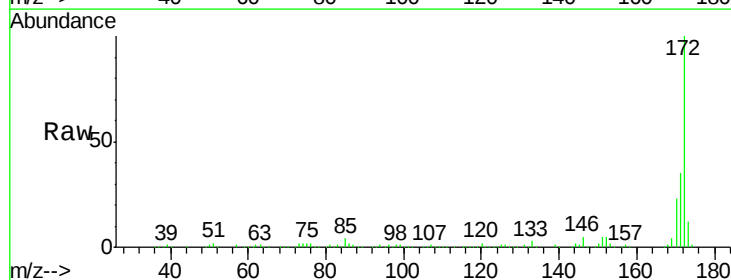
Instrument :
 BNA_F
 ClientSampleId :
 MW-21

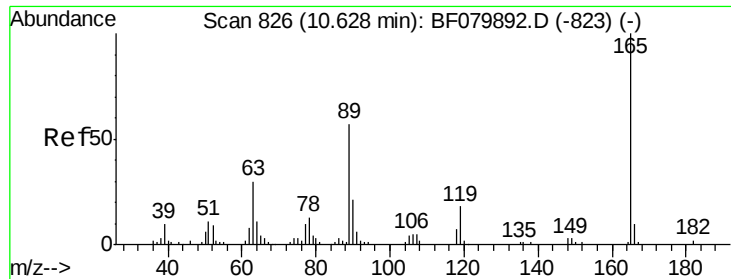
Tgt Ion:330 Resp: 106524
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 37.3 26.8 40.2



#44
 2-Fluorobiphenyl
 Concen: 97.39 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

Tgt Ion:172 Resp: 566207
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.3 42.5
 170 23.3 19.0 28.4

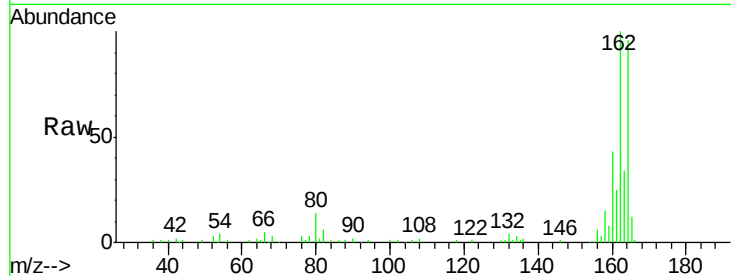




#56
 2,4-Dinitrotoluene
 Concen: 10.93 ng
 RT: 10.44 min Scan# 810
 Delta R.T. -0.16 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.3	36.5#
89	0.0	45.4	68.2#
182	0.0	1.8	2.8#

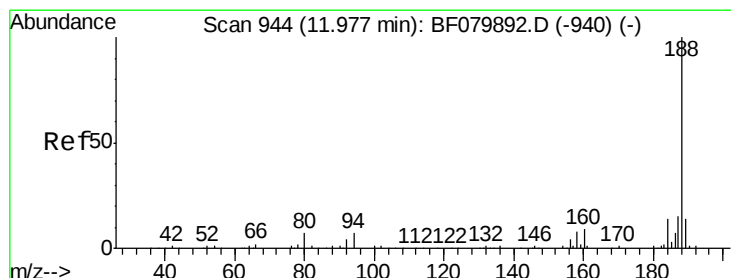
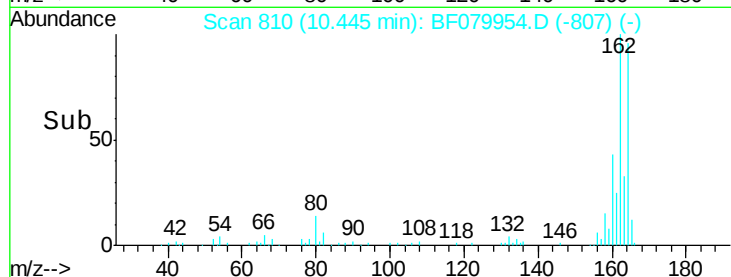
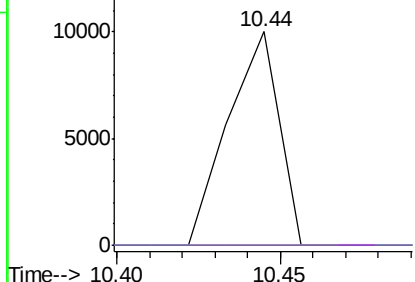


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

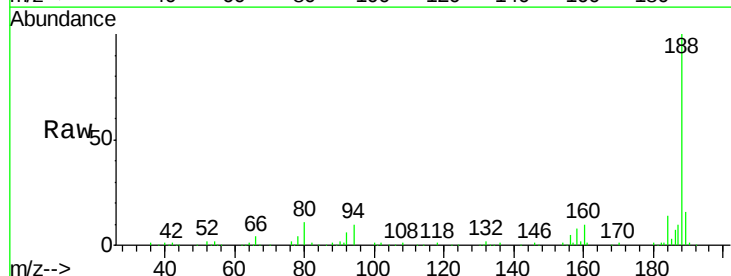
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.03 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

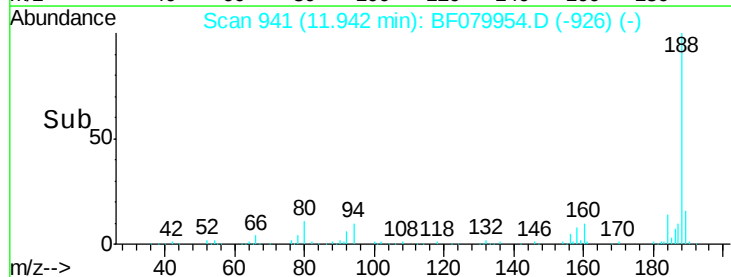
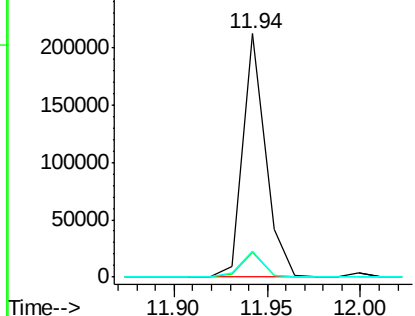
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	5.8	8.8#
80	11.0	5.9	8.9#

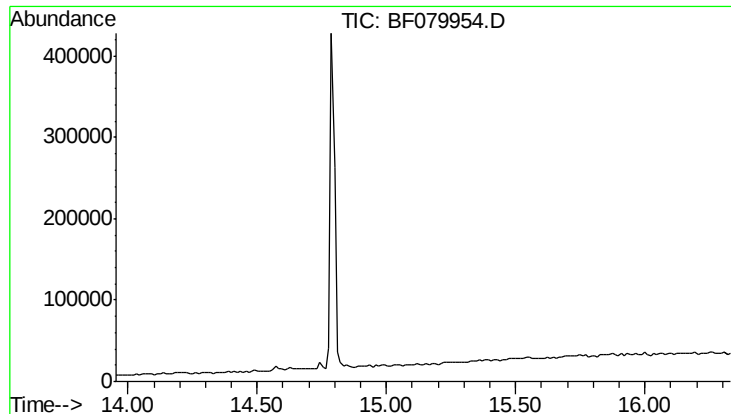


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

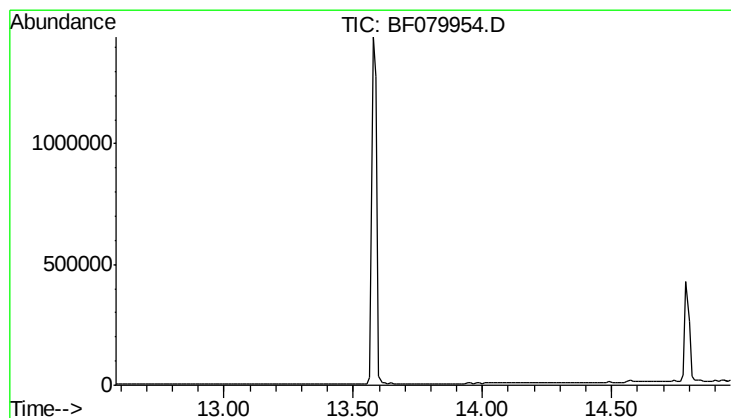
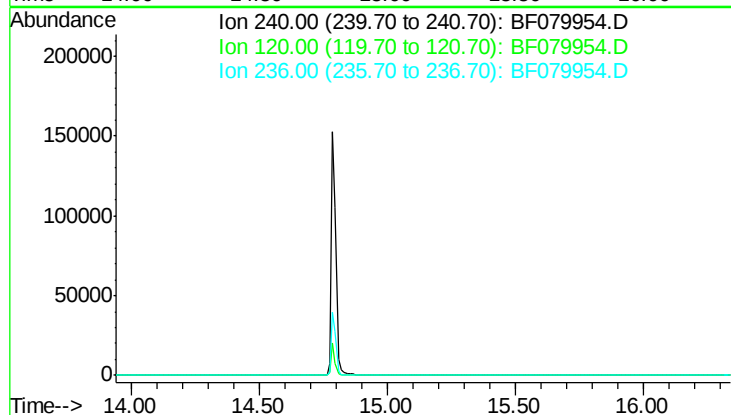




#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

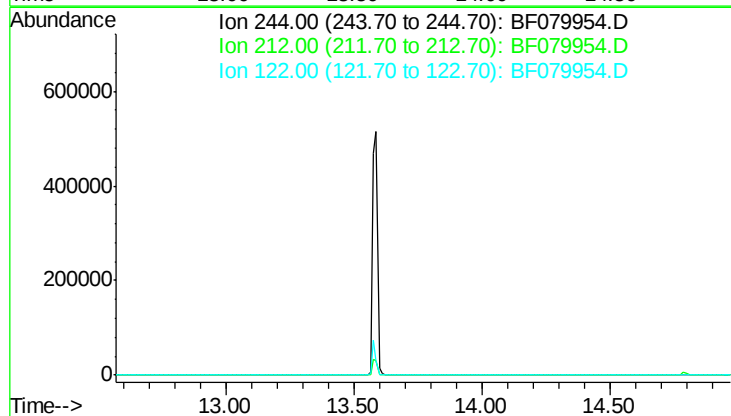
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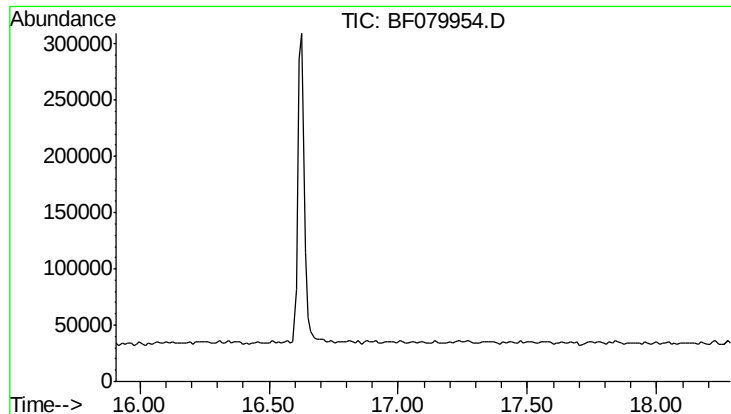
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.8
 236 24.5



#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 13.77 min
 Lab File: BF079954.D
 Acq: 13 Jun 2015 00:30

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.8
 122 9.8





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 17.10 min

Lab File: BF079954.D
Acq: 13 Jun 2015 00:30

Instrument :
BNA_F
ClientSampleId :
MW-21

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.1
265 21.3

