

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079856.D
 Acq On : 10 Jun 2015 10:59
 Operator : TP/IZ
 Sample : PB83906BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83906BL

Quant Time: Jun 11 01:22:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

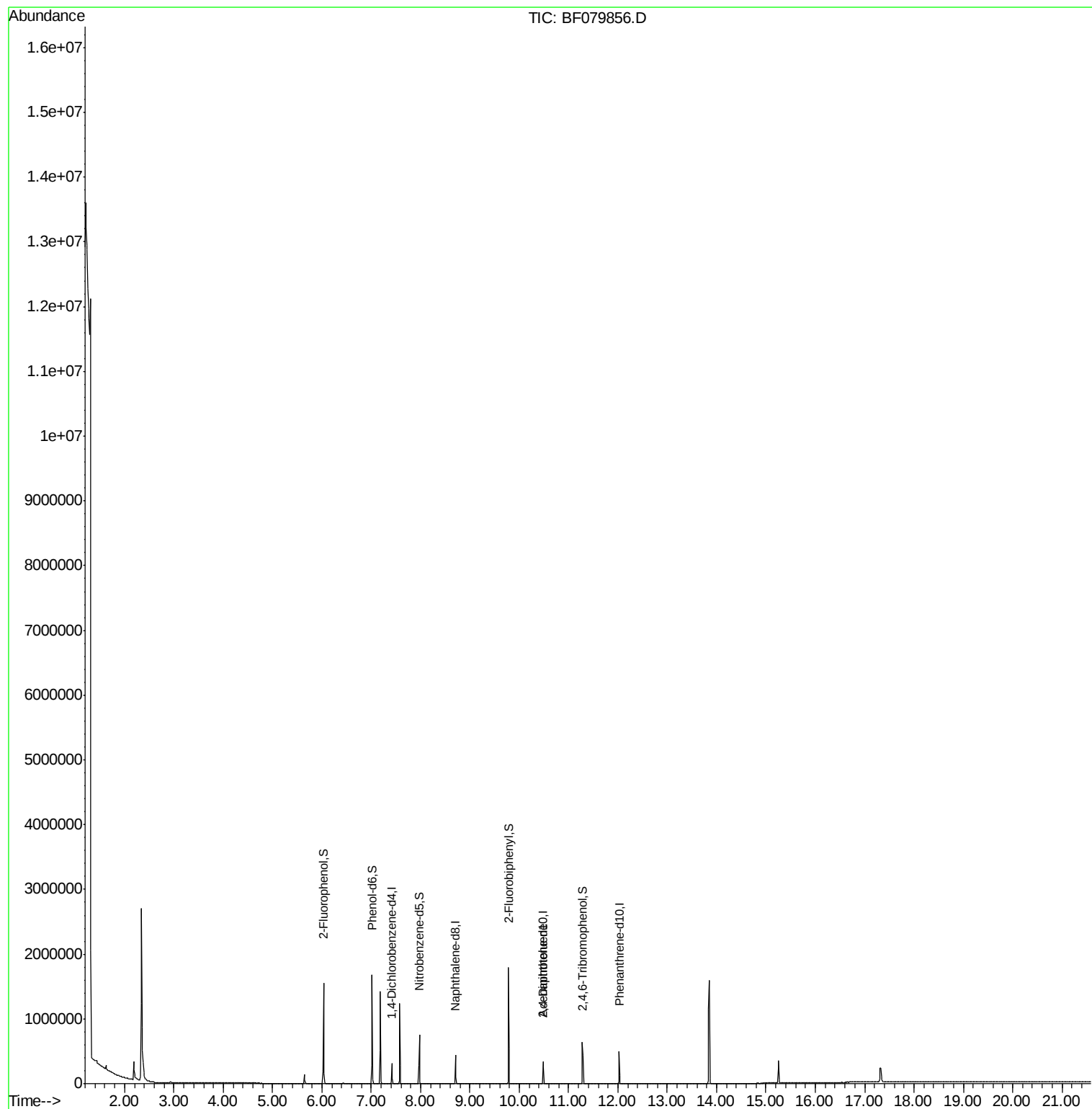
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	45986	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	182616	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	88782	20.00	ng	-0.01
63) Phenanthrene-d10	12.02	188	188266	20.00	ng	0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.07
86) Perylene-d12	0.00	264	0	0.00	ng	-17.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	364472	130.62	ng	0.00
7) Phenol-d6	7.02	99	495351	137.20	ng	0.00
23) Nitrobenzene-d5	7.98	82	241001	76.24	ng	0.00
41) 2,4,6-Tribromophenol	11.29	330	88231	114.83	ng	0.01
44) 2-Fluorobiphenyl	9.78	172	562762	89.15	ng	0.00
78) Terphenyl-d14	13.85	244	706942	0.00	ng	0.11
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	11065	12.25	ng	Qvalue # 32

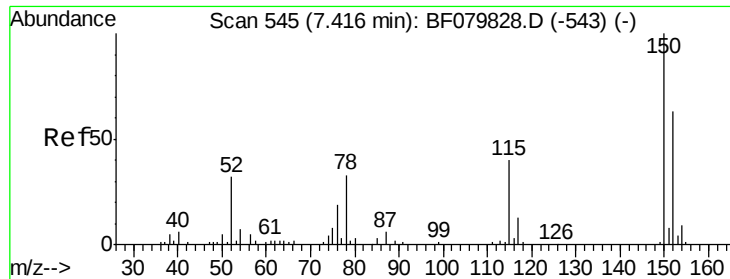
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079856.D

Acq: 10 Jun 2015 10:59

Instrument :

BNA_F

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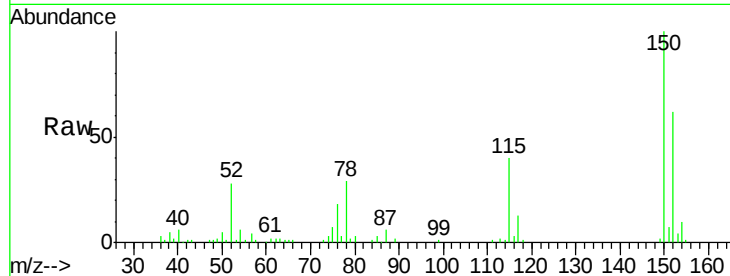
Tgt Ion:152 Resp: 45986

Ion Ratio Lower Upper

152 100

150 160.8 131.4 197.2

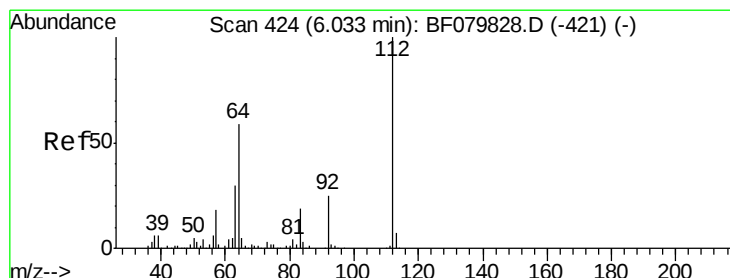
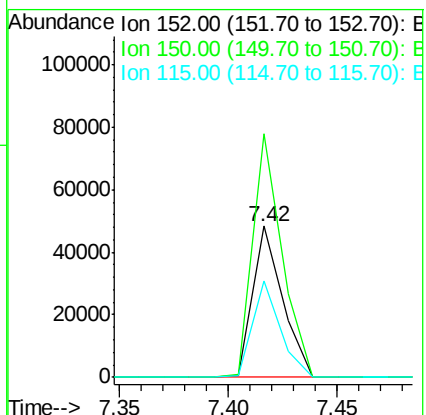
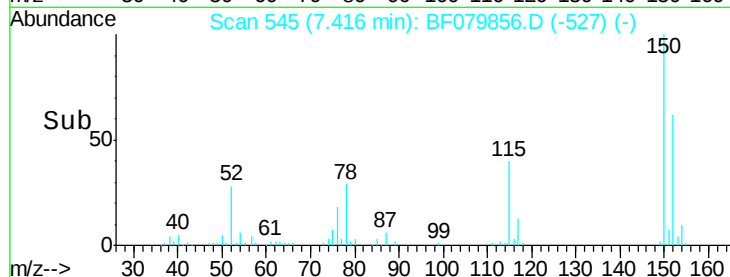
115 63.9 56.5 84.7



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: 130.62 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079856.D

Acq: 10 Jun 2015 10:59

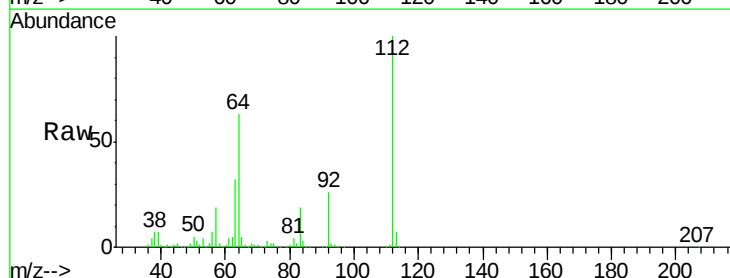
Tgt Ion:112 Resp: 364472

Ion Ratio Lower Upper

112 100

64 63.2 44.2 66.4

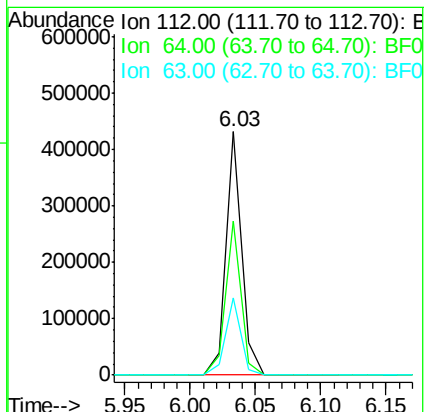
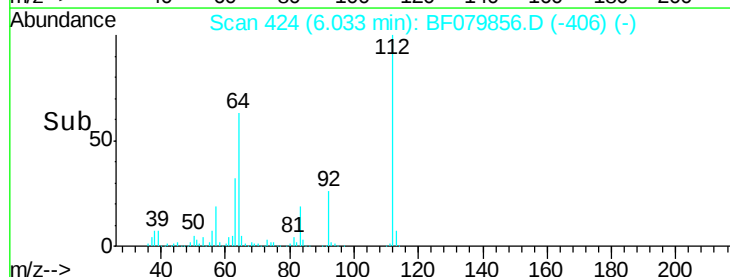
63 32.0 22.8 34.2



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: 137.20 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079856.D

Acq: 10 Jun 2015 10:59

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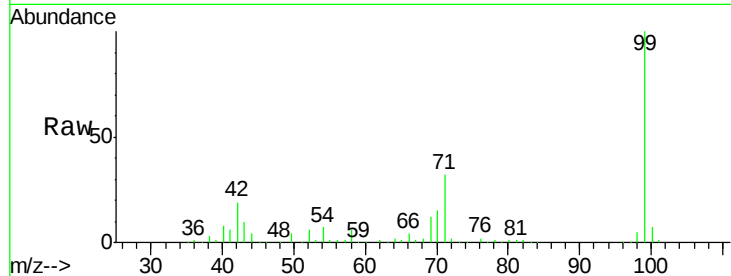
Tgt Ion: 99 Resp: 495351

Ion Ratio Lower Upper

99 100

42 18.6 13.7 20.5

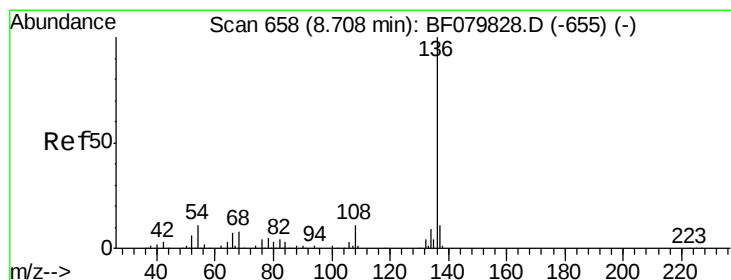
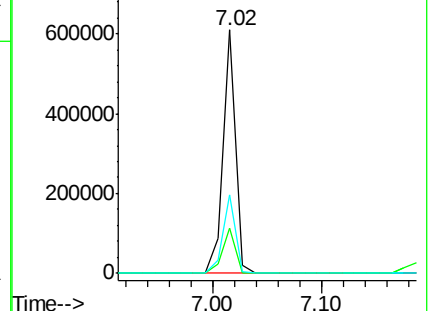
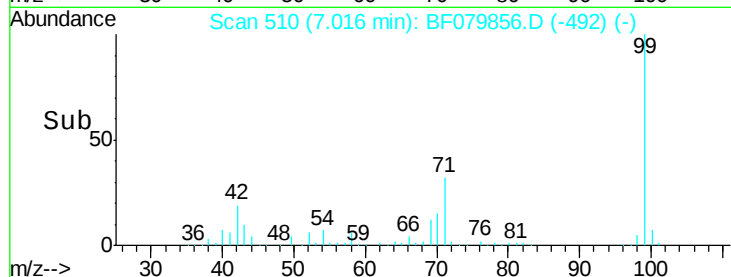
71 32.2 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079856.D

Acq: 10 Jun 2015 10:59

Tgt Ion: 136 Resp: 182616

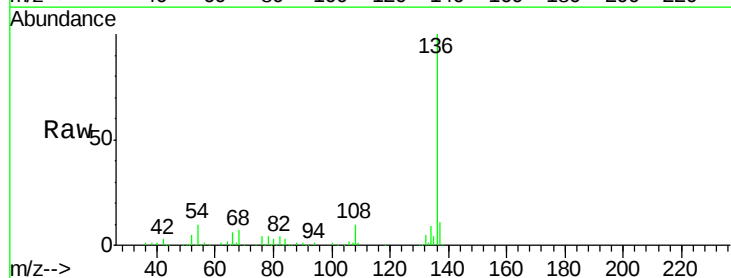
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 10.2 8.1 12.1

68 7.1 4.8 7.2

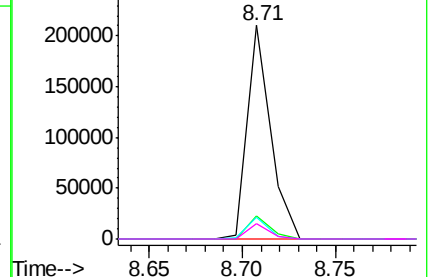
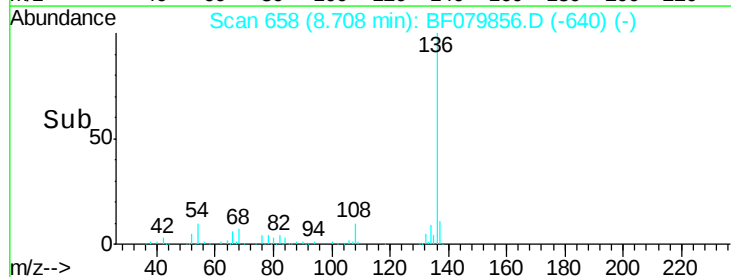


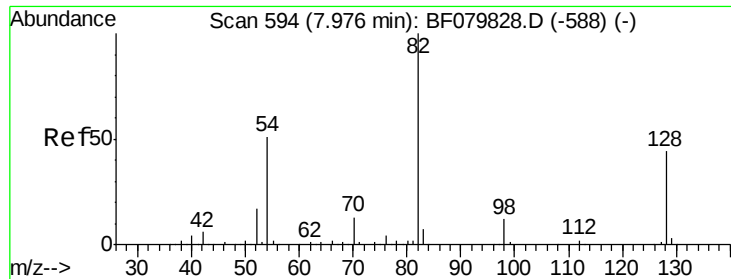
Abundance Ion 136.00 (135.70 to 136.70): E

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

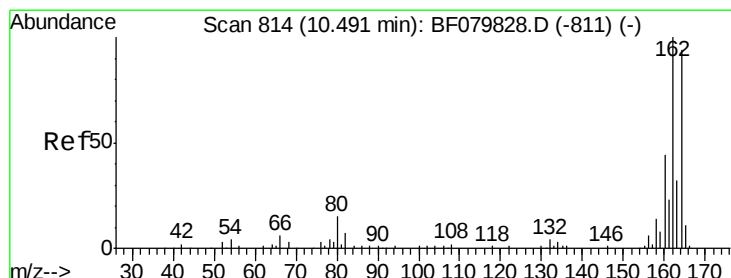
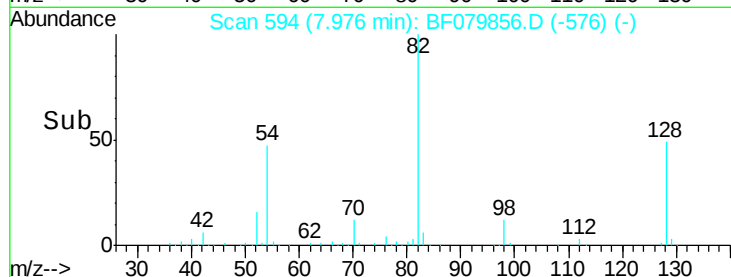
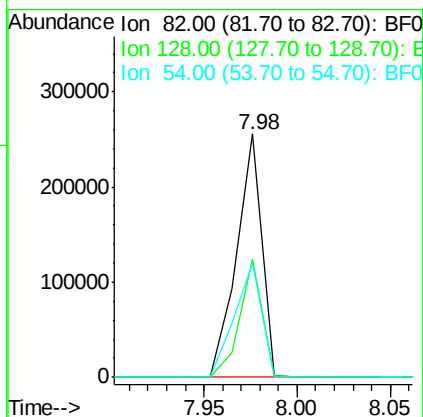
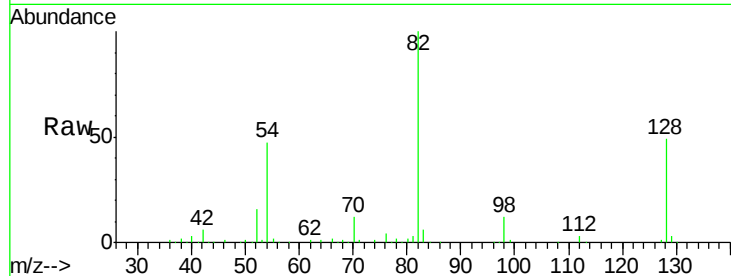




#23
 Nitrobenzene-d5
 Concen: 76.24 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079856.D
 Acq: 10 Jun 2015 10:59

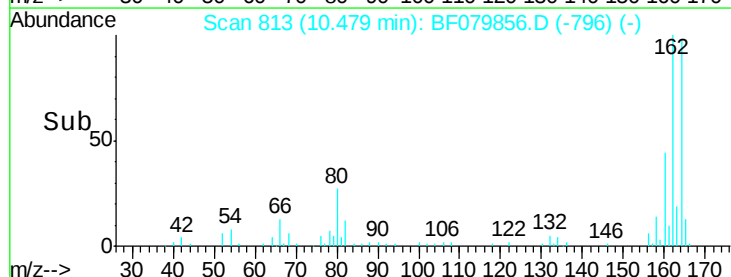
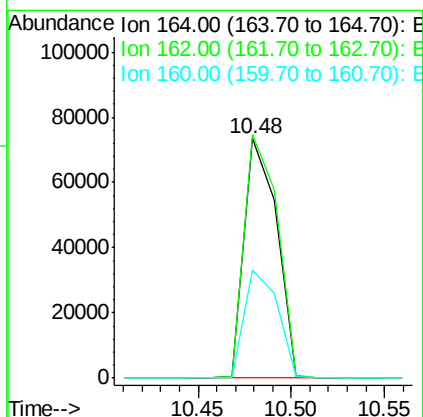
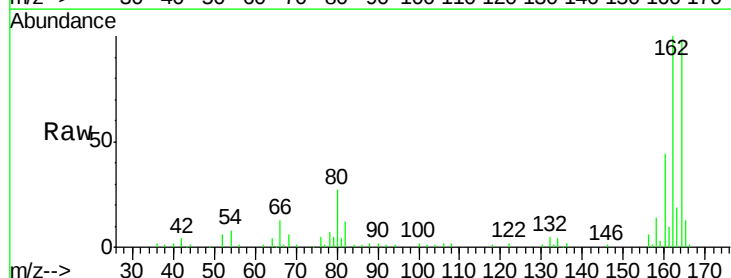
Instrument :
 BNA_F
 ClientSampleId :
 PB83906BL

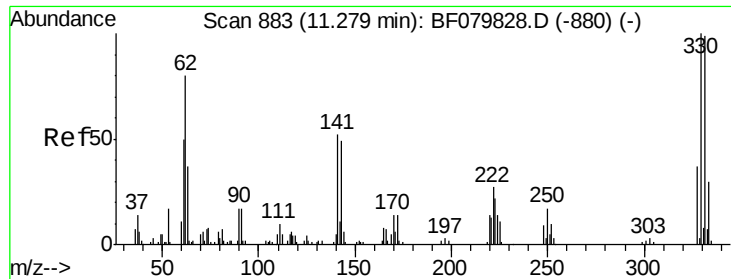
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.7	35.2	52.8
54	46.8	39.2	58.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079856.D
 Acq: 10 Jun 2015 10:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	89.8	134.8
160	45.0	39.6	59.4

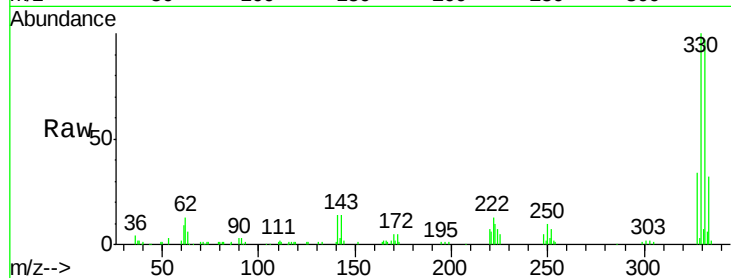




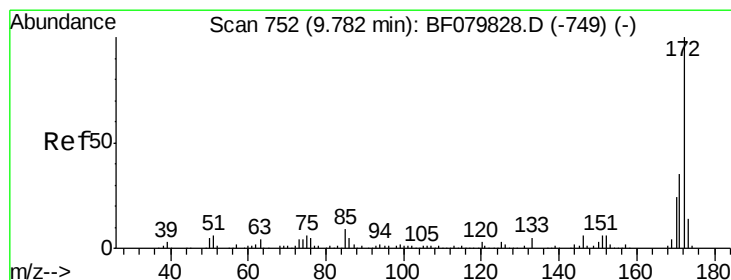
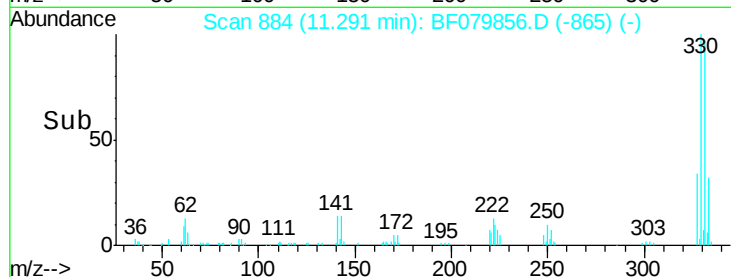
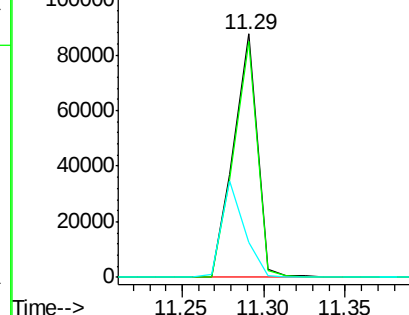
#41
 2,4,6-Tribromophenol
 Concen: 114.83 ng
 RT: 11.29 min Scan# 884
 Delta R.T. 0.01 min
 Lab File: BF079856.D
 Acq: 10 Jun 2015 10:59

Instrument :
 BNA_F
 ClientSampleId :
 PB83906BL

Tgt Ion:330 Resp: 88231
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 37.7 29.1 43.7

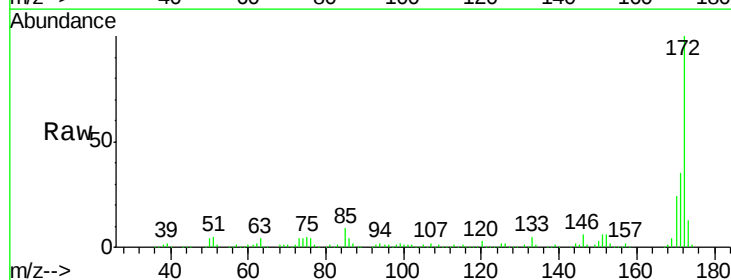


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

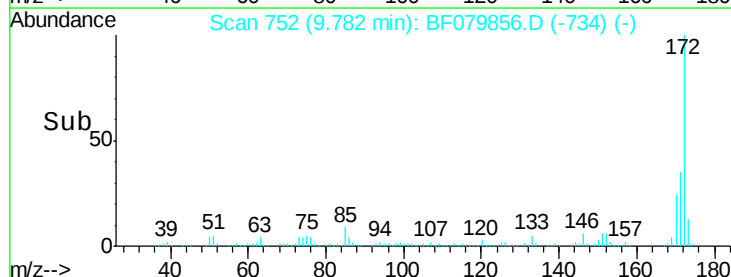
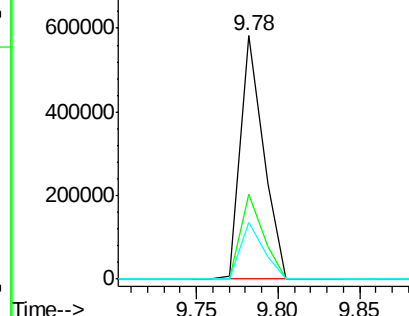


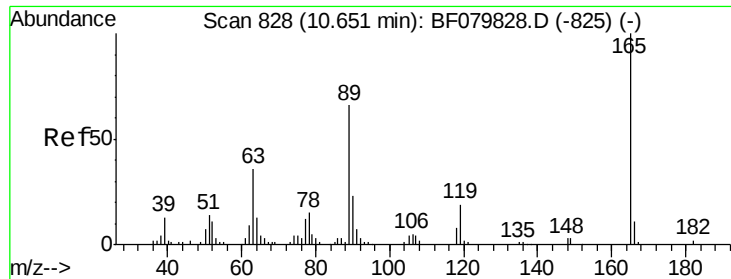
#44
 2-Fluorobiphenyl
 Concen: 89.15 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079856.D
 Acq: 10 Jun 2015 10:59

Tgt Ion:172 Resp: 562762
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.5 18.8 28.2



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

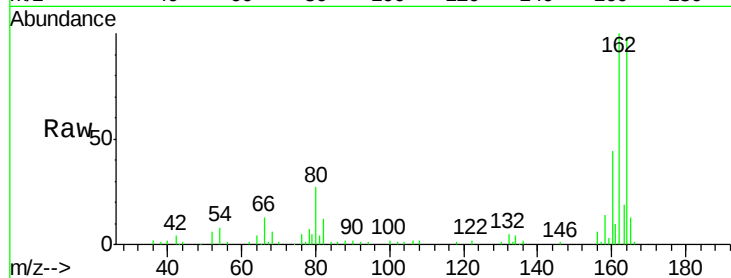




#56
 2,4-Dinitrotoluene
 Concen: 12.25 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.17 min
 Lab File: BF079856.D
 Acq: 10 Jun 2015 10:59

Instrument :
 BNA_F
 ClientSampleId :
 PB83906BL

Tgt Ion:	165	Resp:	11065
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.4	36.6#
89	0.0	45.3	67.9#
182	0.0	2.0	3.0#

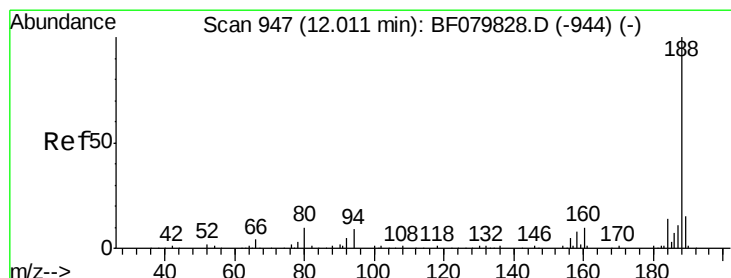
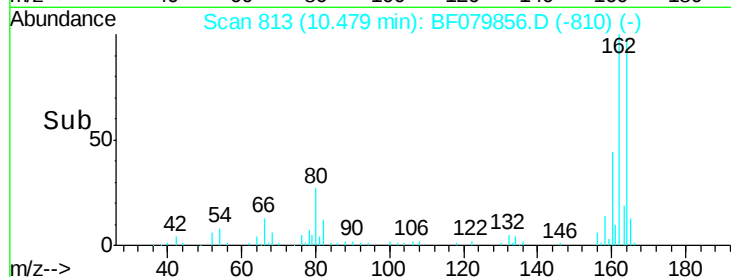
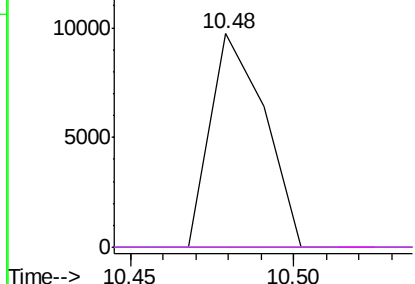


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

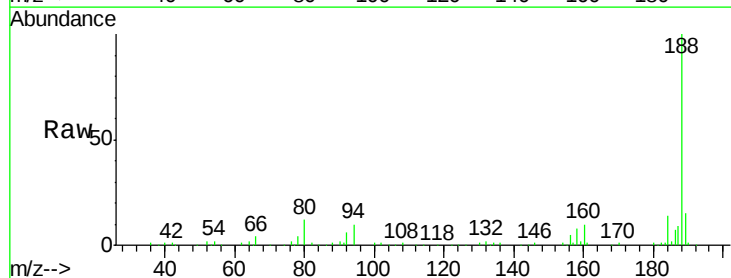
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.02 min Scan# 948
 Delta R.T. 0.02 min
 Lab File: BF079856.D
 Acq: 10 Jun 2015 10:59

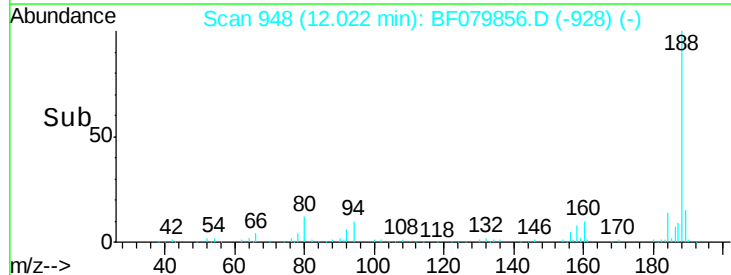
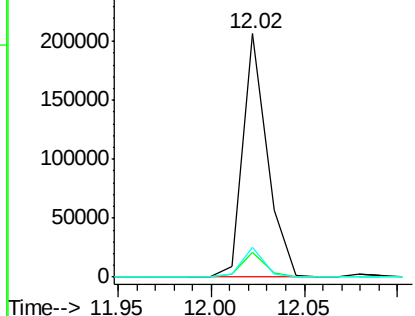
Tgt Ion:	188	Resp:	188266
Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.4	11.0
80	12.1	8.0	12.0#

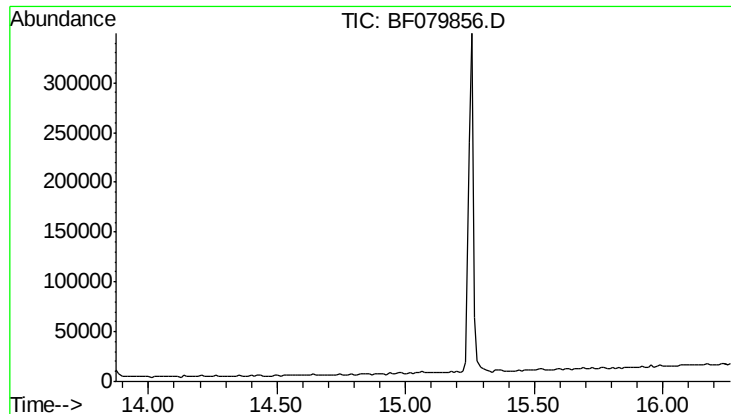


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

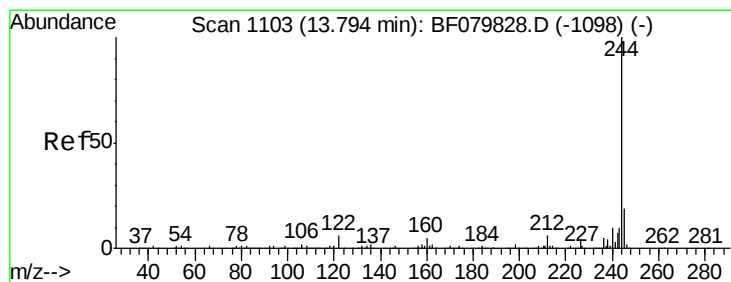
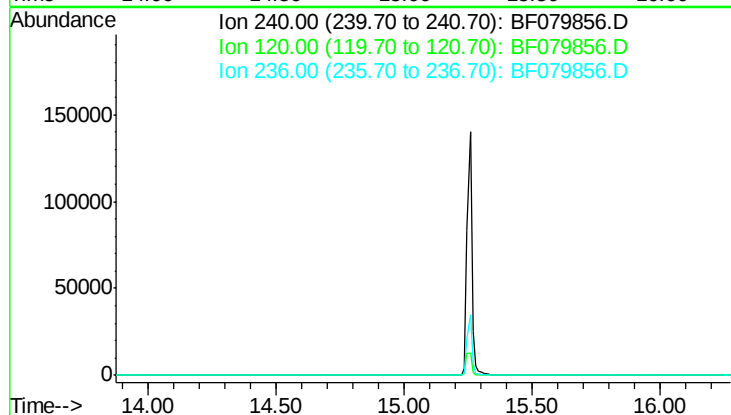




#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.07 min
 Lab File: BF079856.D
 Acq: 10 Jun 2015 10:59

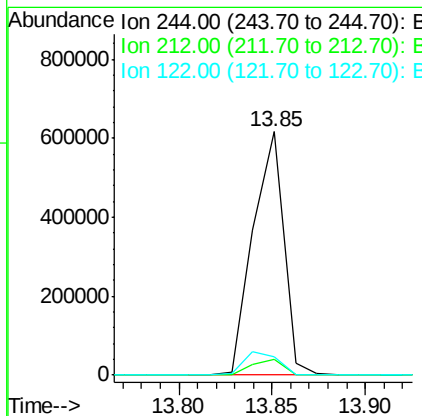
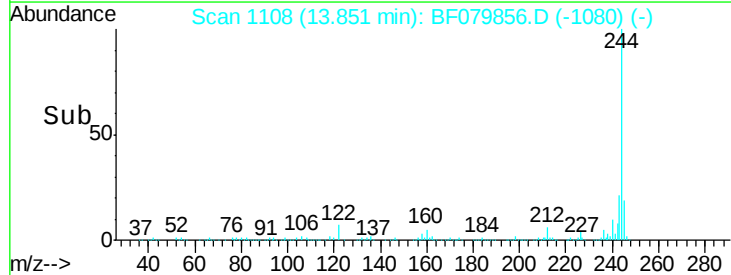
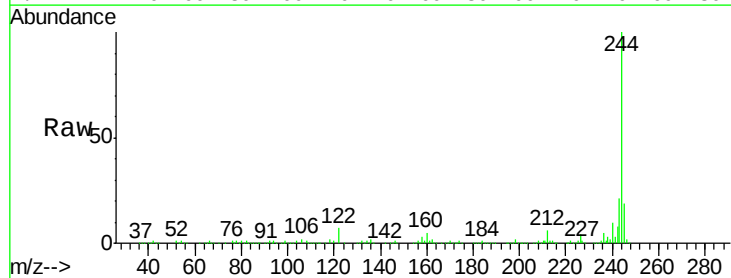
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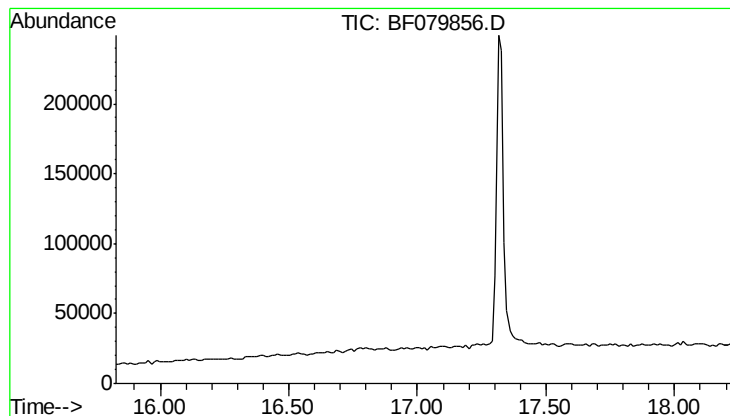
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 8.2
 236 25.3



#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 13.85 min Scan# 1108
 Delta R.T. 0.11 min
 Lab File: BF079856.D
 Acq: 10 Jun 2015 10:59

Tgt Ion: 244 Resp: 706942
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 7.3 8.2 12.2#





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 17.03 min

Lab File: BF079856.D
Acq: 10 Jun 2015 10:59

Instrument :
BNA_F
ClientSampleId :
PB83906BL

Tgt Ion: 264
Sig Exp Ratio
264 100
260 24.4
265 22.5

