

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079946.D
 Acq On : 12 Jun 2015 20:35
 Operator : TP/IZ
 Sample : PB83970TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83970TB

Quant Time: Jun 12 23:11:23 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

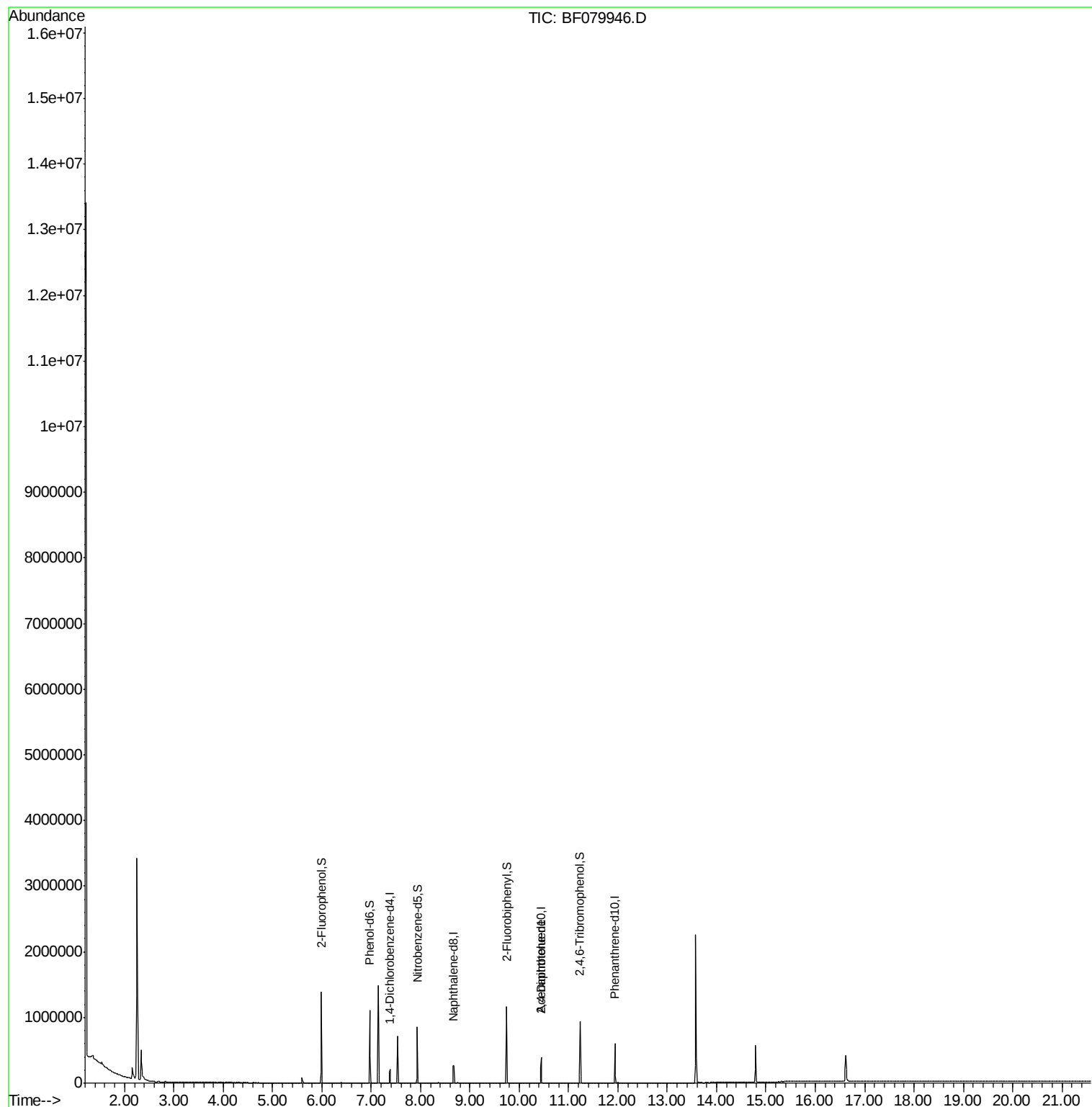
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	44535	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	177912	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	94654	20.00	ng	0.00
63) Phenanthrene-d10	11.94	188	213188	20.00	ng	-0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	0.00	264	0	0.00	ng	-17.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	333901	137.48	ng	0.00
7) Phenol-d6	6.97	99	394146	119.12	ng	0.00
23) Nitrobenzene-d5	7.93	82	229327	85.05	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	97349	102.75	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	513635	75.99	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
56) 2,4-Dinitrotoluene	10.44	165	11815	10.60	ng	Qvalue # 32

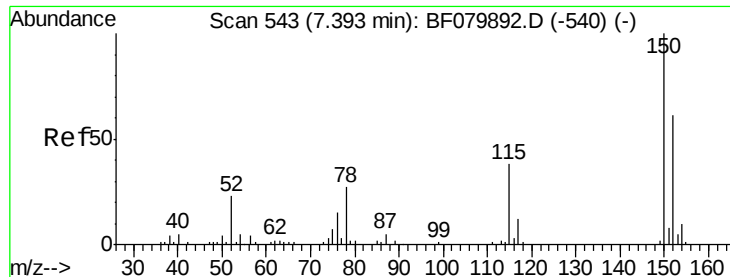
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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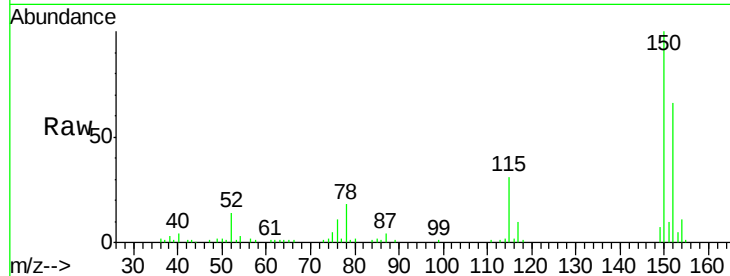


#1

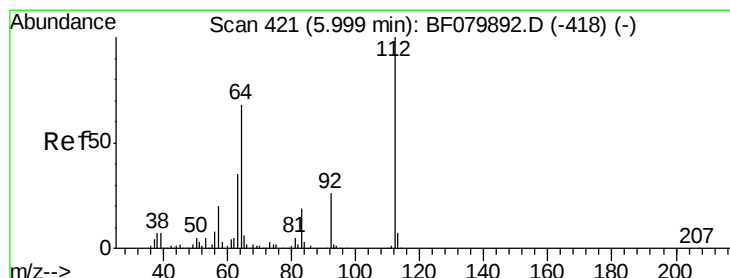
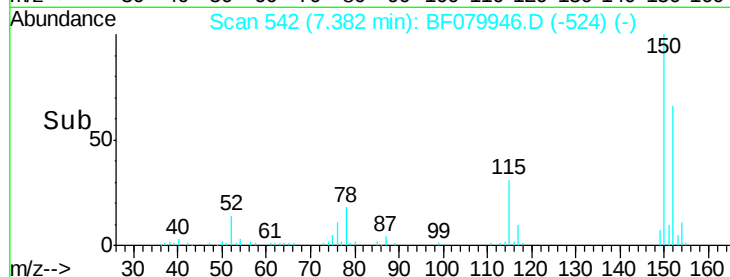
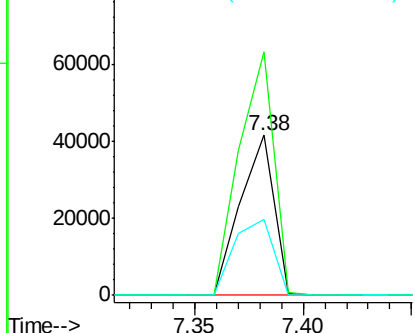
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079946.D
Acq: 12 Jun 2015 20:35

Instrument :
BNA_F
ClientSampleId :
PB83970TB

Tgt Ion:152 Resp: 44535
Ion Ratio Lower Upper
152 100
150 152.1 131.0 196.4
115 47.5 49.8 74.6#



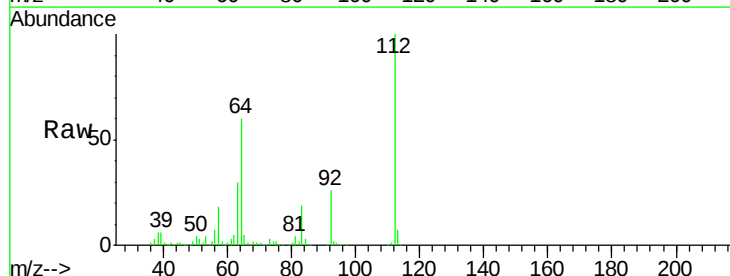
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



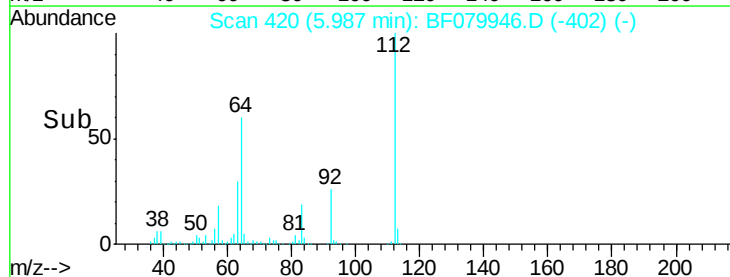
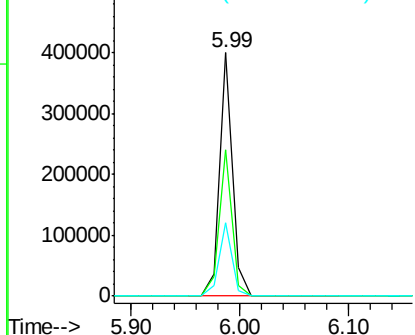
#5

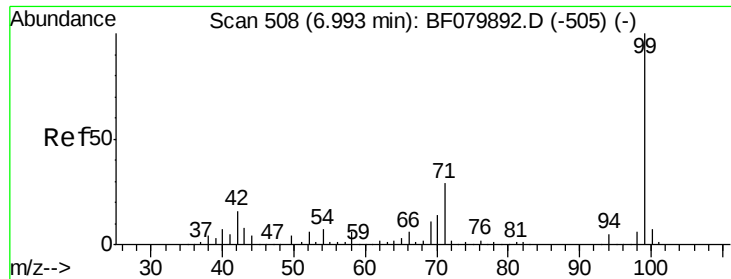
2-Fluorophenol
Concen: 137.48 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079946.D
Acq: 12 Jun 2015 20:35

Tgt Ion:112 Resp: 333901
Ion Ratio Lower Upper
112 100
64 60.3 54.5 81.7
63 30.1 27.9 41.9



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: 119.12 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079946.D

Acq: 12 Jun 2015 20:35

Instrument :

BNA_F

ClientSampleId :

PB83970TB

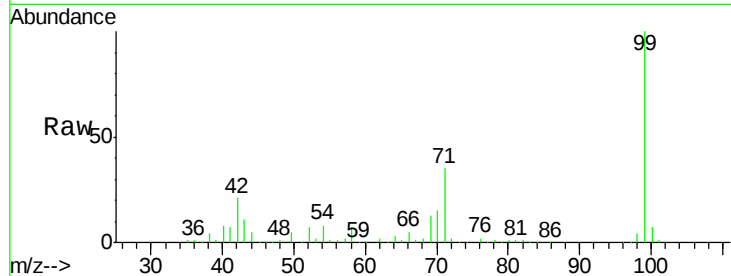
Tgt Ion: 99 Resp: 394146

Ion Ratio Lower Upper

99 100

42 21.4 12.9 19.3#

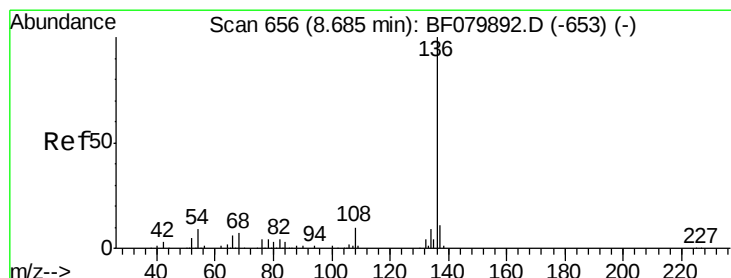
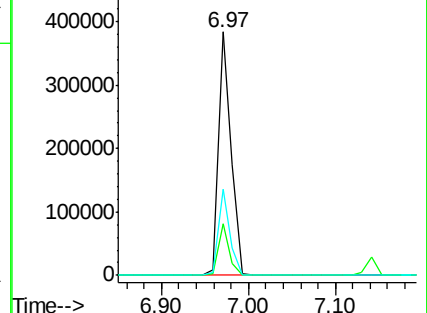
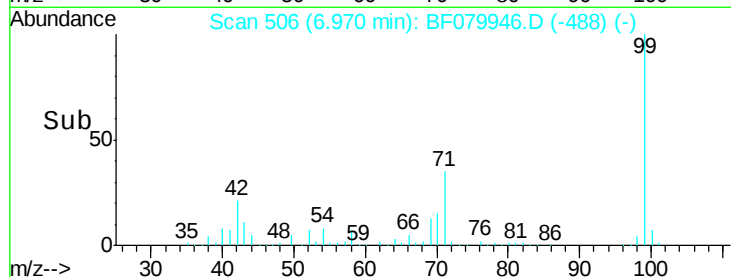
71 35.1 23.4 35.2



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) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079946.D

Acq: 12 Jun 2015 20:35

Tgt Ion: 136 Resp: 177912

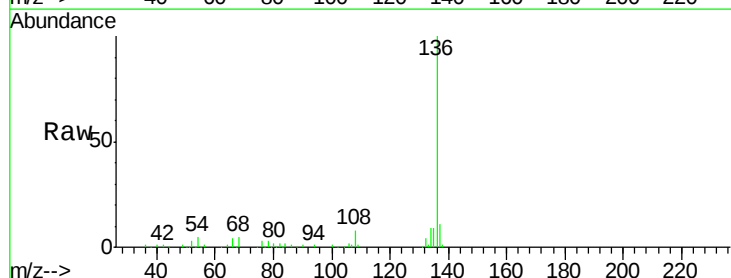
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.1 7.3 10.9#

68 4.5 5.9 8.9#

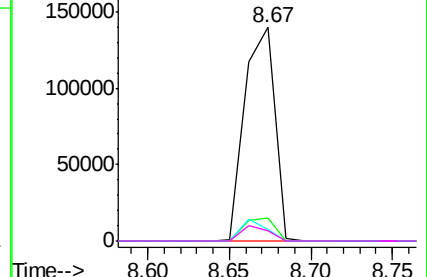
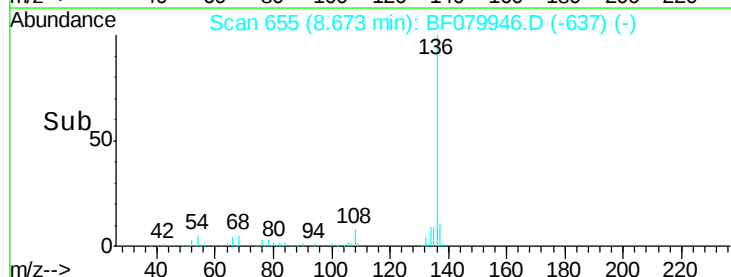


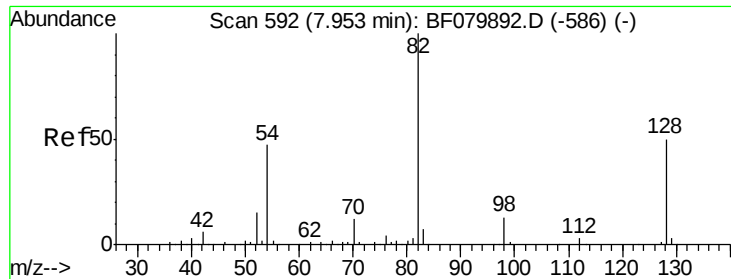
Abundance Ion 136.00 (135.70 to 136.70): BF079892.D (-653) (-)

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) (-)

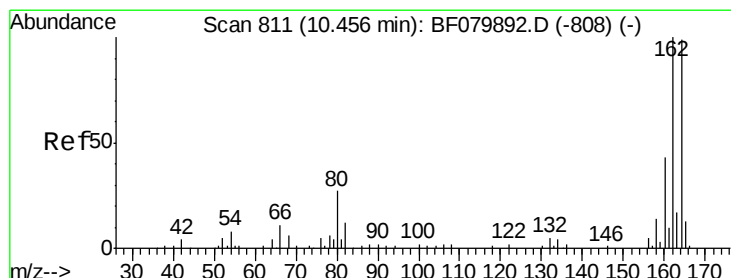
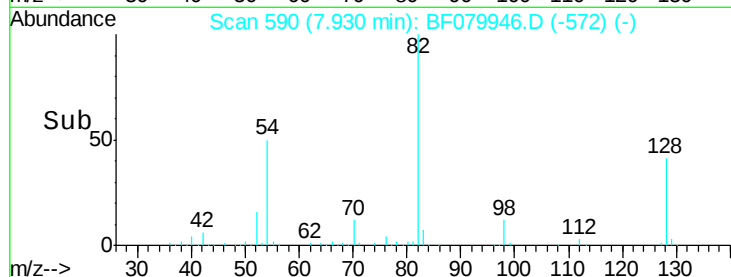
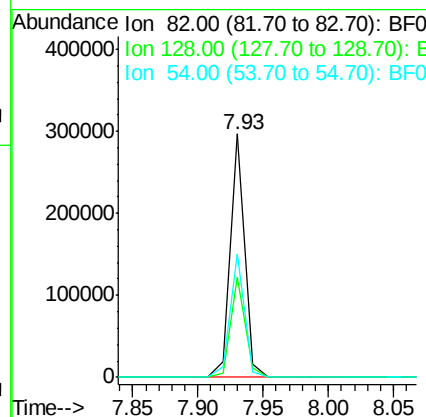
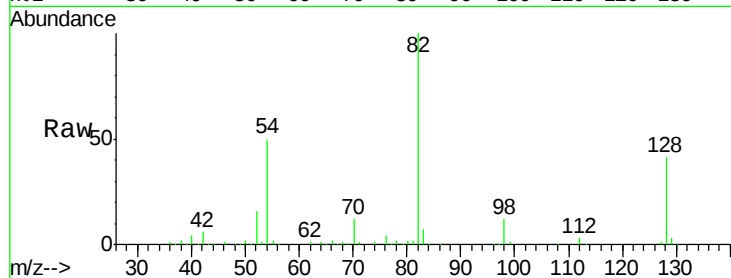




#23
 Nitrobenzene-d5
 Concen: 85.05 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

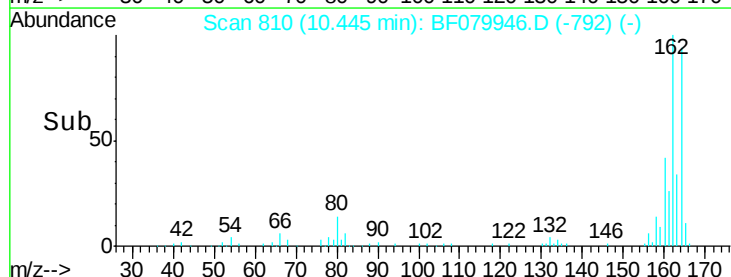
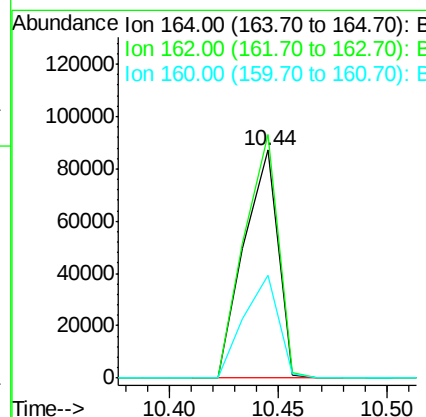
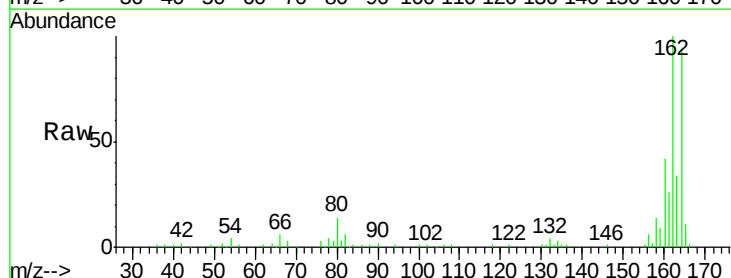
Instrument :
 BNA_F
 ClientSampleId :
 PB83970TB

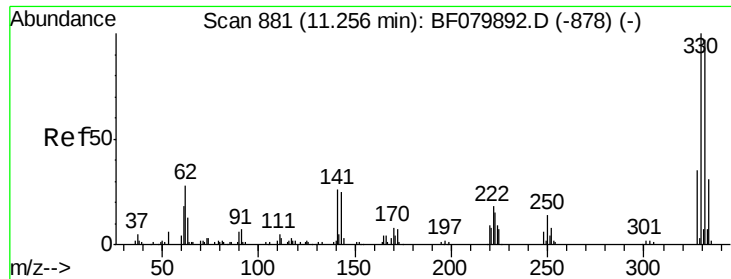
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	40.3	60.5
54	50.4	38.0	57.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	80.7	121.1
160	44.9	34.6	51.8

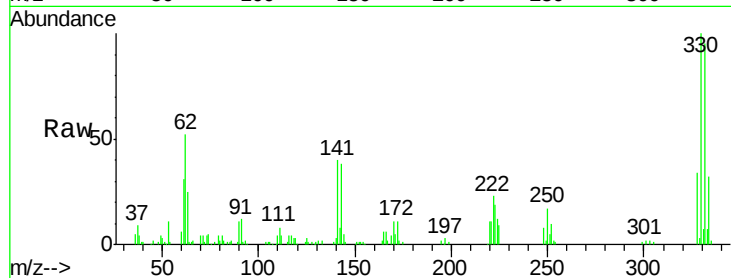




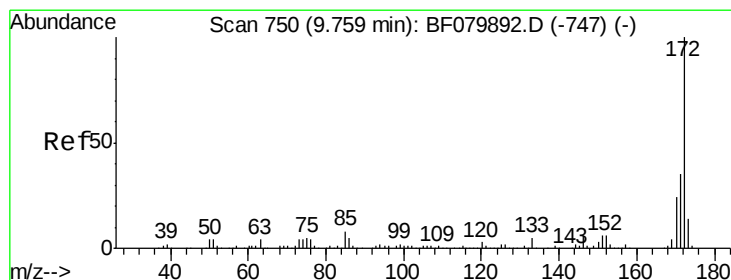
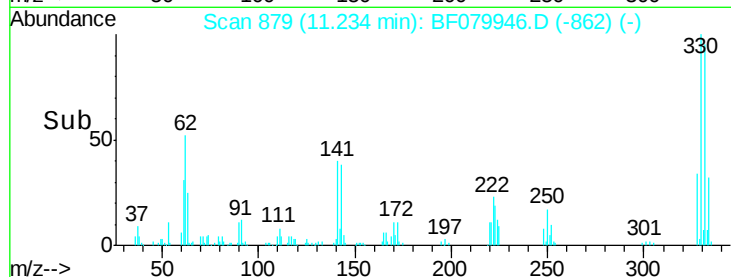
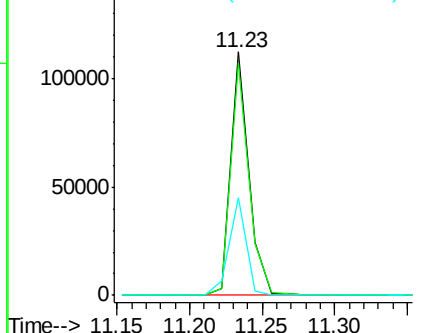
#41
 2,4,6-Tribromophenol
 Concen: 102.75 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PB83970TB

Tgt Ion:330 Resp: 97349
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 38.3 26.8 40.2

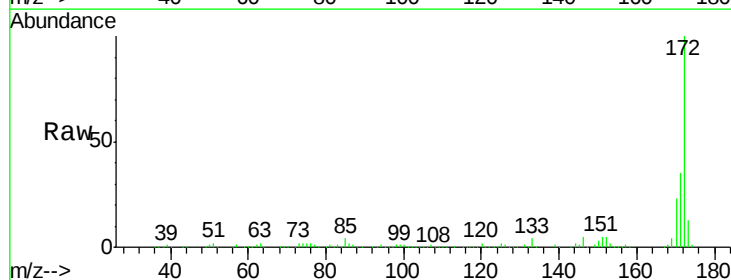


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

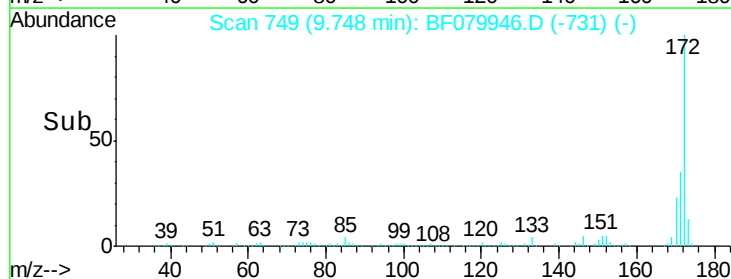
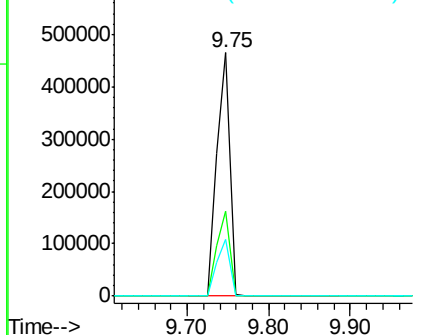


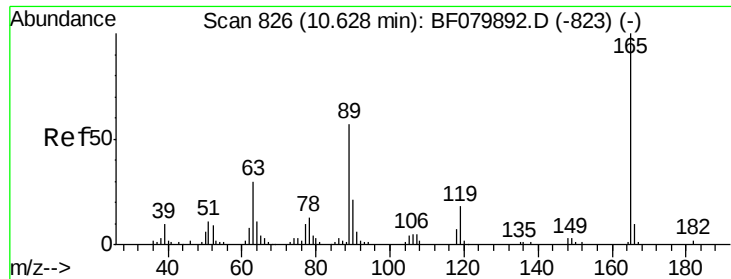
#44
 2-Fluorobiphenyl
 Concen: 75.99 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

Tgt Ion:172 Resp: 513635
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.3 42.5
 170 23.5 19.0 28.4



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: 10.60 ng

RT: 10.44 min Scan# 810

Delta R.T. -0.16 min

Lab File: BF079946.D

Acq: 12 Jun 2015 20:35

Instrument :

BNA_F

ClientSampleId :

PB83970TB

Tgt Ion:165 Resp: 11815

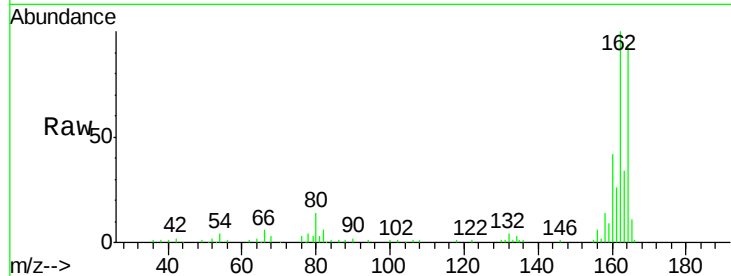
Ion Ratio Lower Upper

165 100

63 0.0 24.3 36.5#

89 0.0 45.4 68.2#

182 0.0 1.8 2.8#

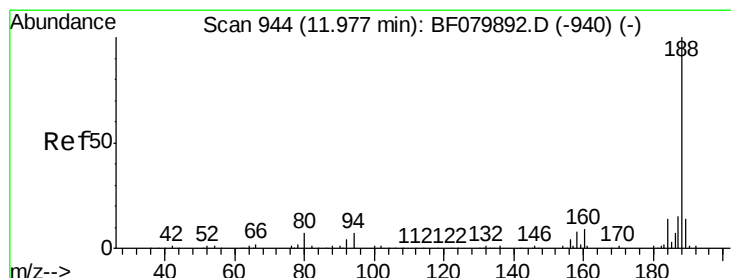
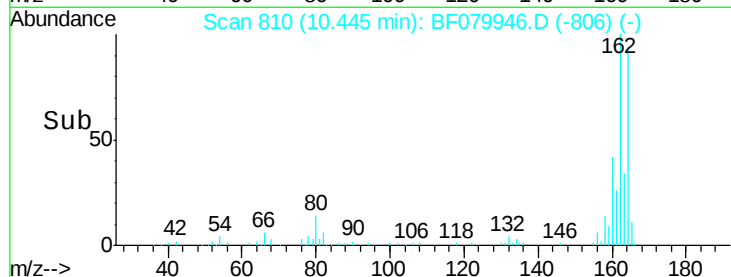
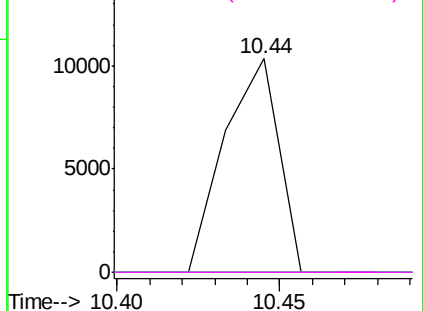


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF079946.D

Acq: 12 Jun 2015 20:35

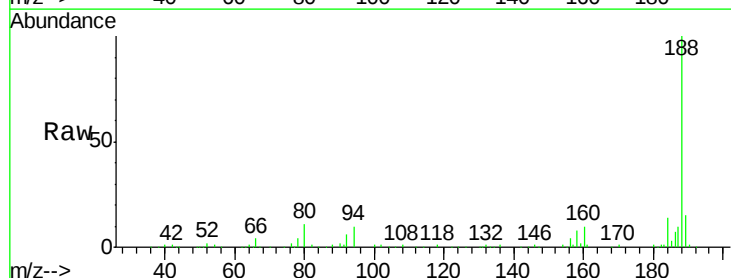
Tgt Ion:188 Resp: 213188

Ion Ratio Lower Upper

188 100

94 10.4 5.8 8.8#

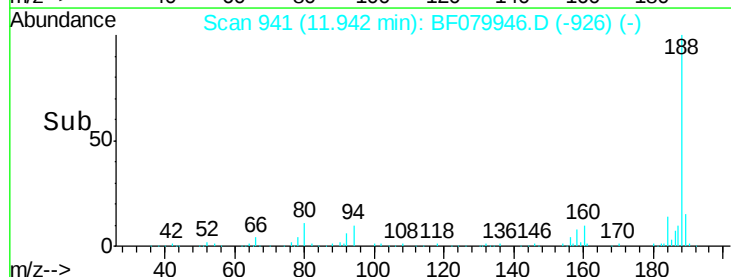
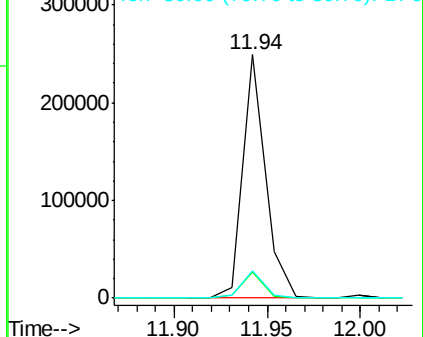
80 11.4 5.9 8.9#

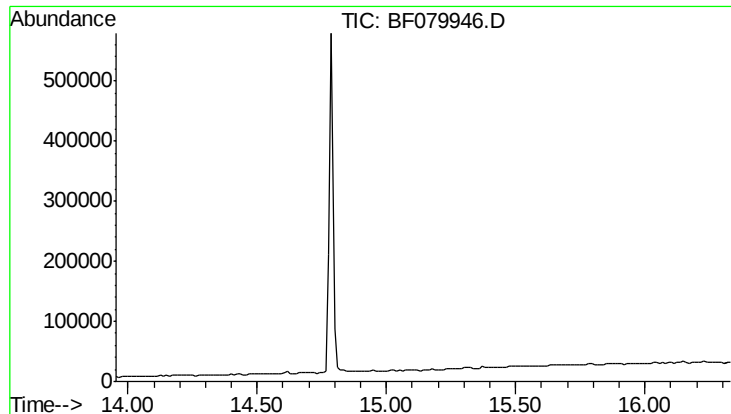


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

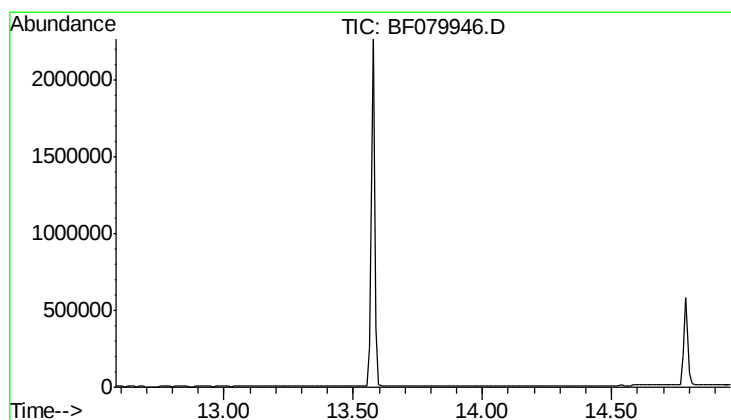
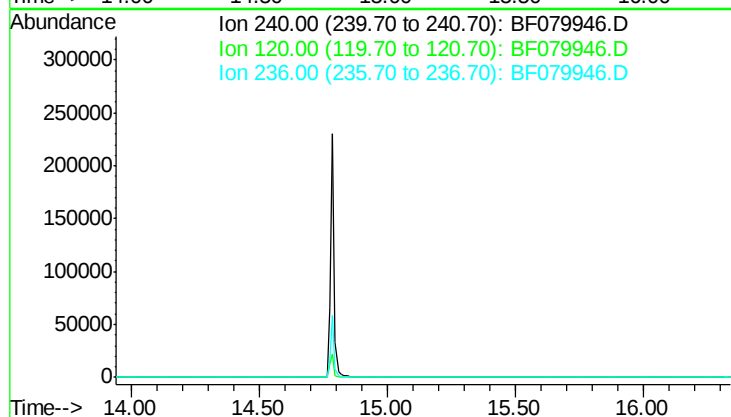




#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

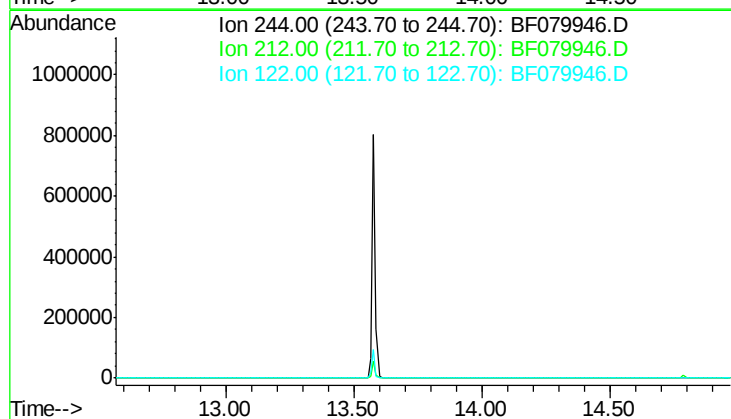
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 PB83970TB

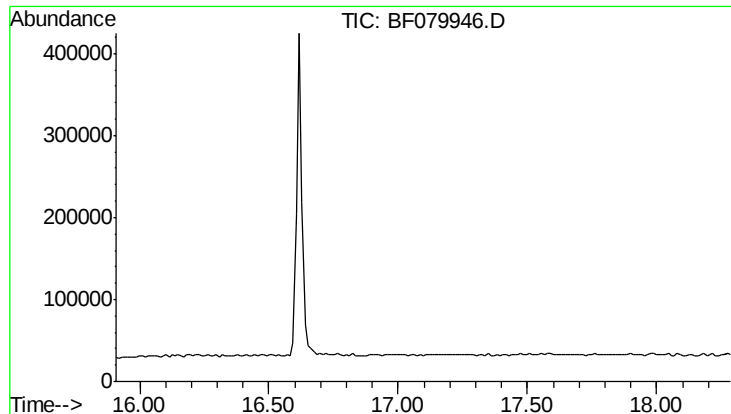
Tgt Ion	Exp Ratio
240	100
120	11.8
236	24.5



#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 13.77 min
 Lab File: BF079946.D
 Acq: 12 Jun 2015 20:35

Tgt Ion	Exp Ratio
244	100
212	6.8
122	9.8





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

Lab File: BF079946.D
Acq: 12 Jun 2015 20:35

Instrument :
BNA_F
ClientSampleId :
PB83970TB

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

