

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079870.D
 Acq On : 10 Jun 2015 17:46
 Operator : TP/IZ
 Sample : G2523-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-6-3-15

Quant Time: Jun 11 01:29:34 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

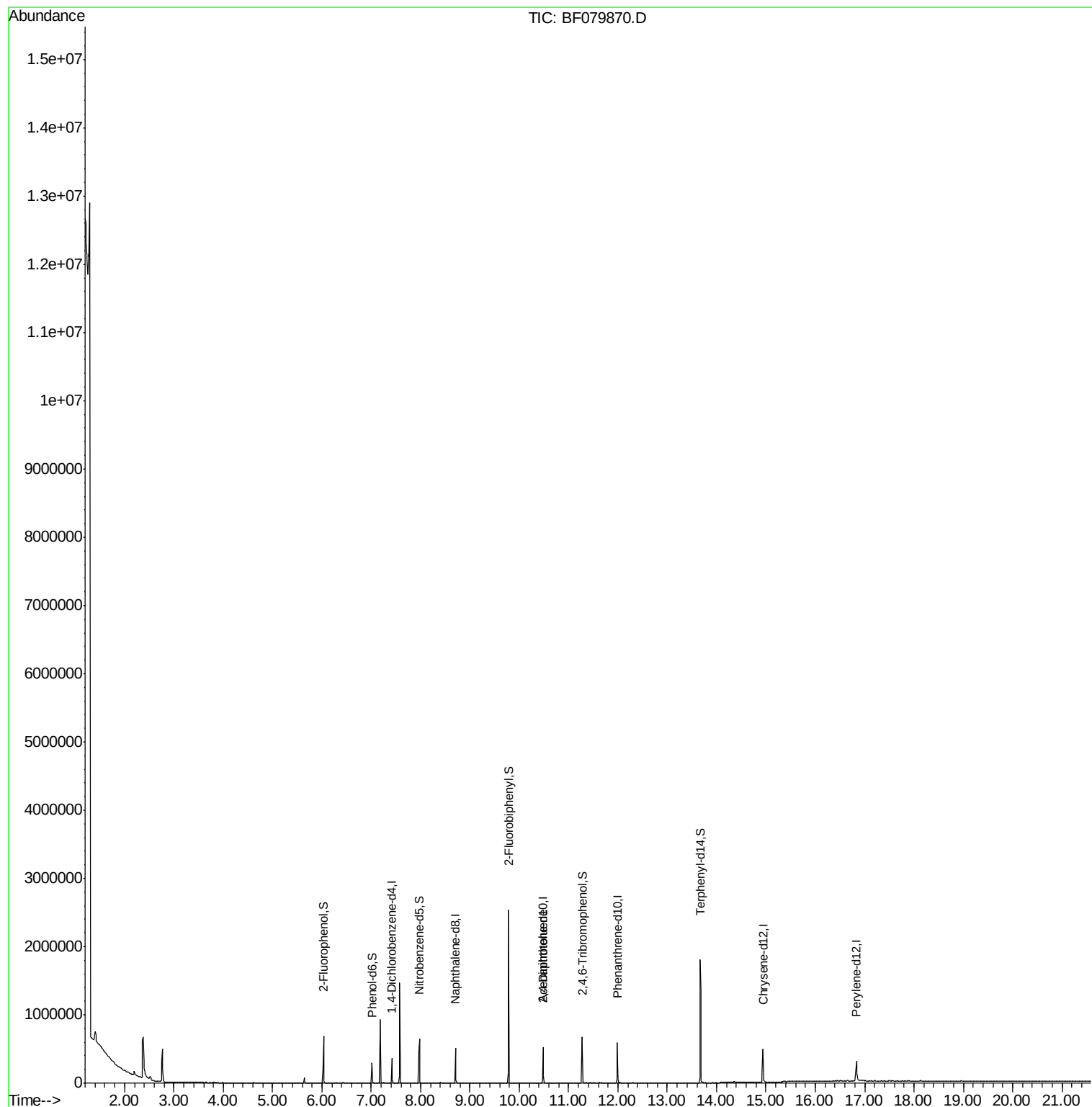
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	49591	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	197491	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	98582	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	202016	20.00	ng	-0.01
75) Chrysene-d12	14.94	240	199776	20.00	ng	-0.14
86) Perylene-d12	16.83	264	184902	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	178332	59.26	ng	0.00
7) Phenol-d6	7.02	99	137746	35.38	ng	0.00
23) Nitrobenzene-d5	7.98	82	265533	77.67	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	112443	131.80	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	687839	98.13	ng	0.00
78) Terphenyl-d14	13.67	244	804537	90.79	ng	-0.07
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	12035	12.14	ng	Qvalue # 32

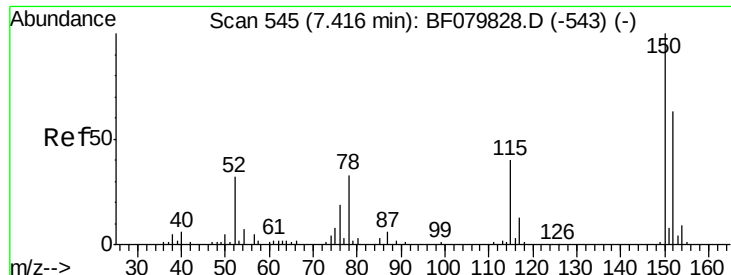
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 00:53:15 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079870.D

Acq: 10 Jun 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PZ-3-6-3-15

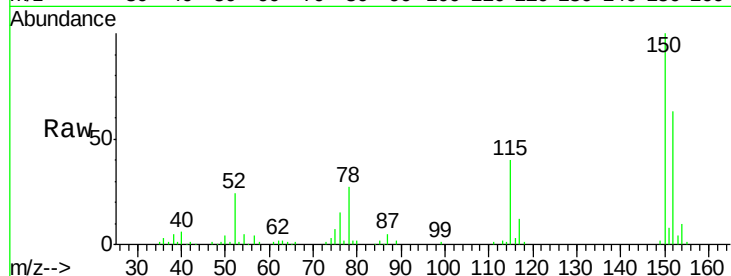
Tgt Ion:152 Resp: 49591

Ion Ratio Lower Upper

152 100

150 159.0 131.4 197.2

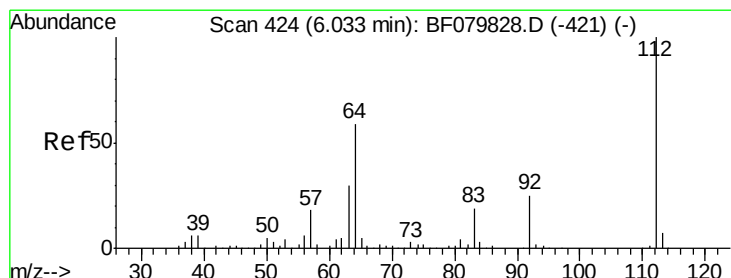
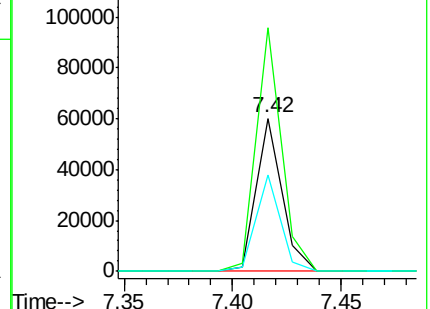
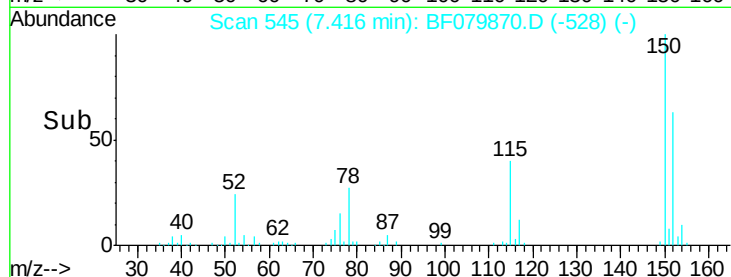
115 62.9 56.5 84.7



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: 59.26 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079870.D

Acq: 10 Jun 2015 17:46

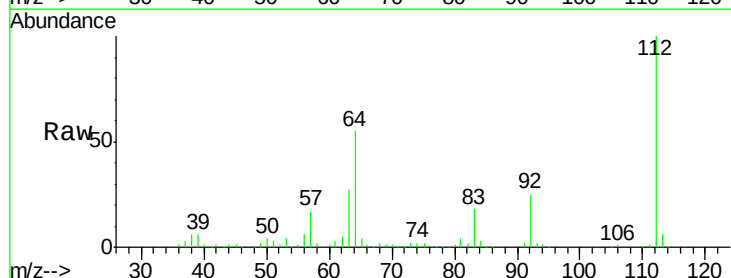
Tgt Ion:112 Resp: 178332

Ion Ratio Lower Upper

112 100

64 55.4 44.2 66.4

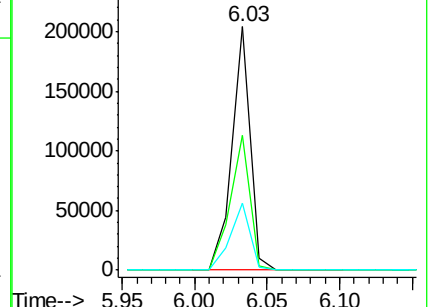
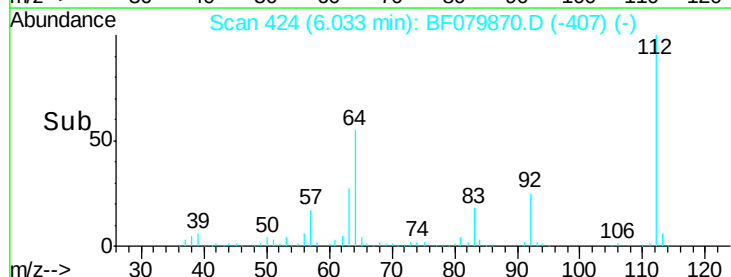
63 27.5 22.8 34.2

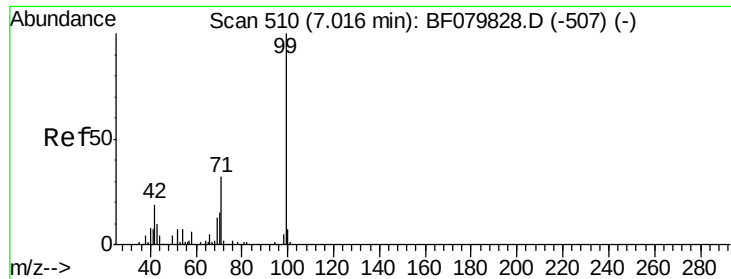


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.38 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079870.D

Acq: 10 Jun 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PZ-3-6-3-15

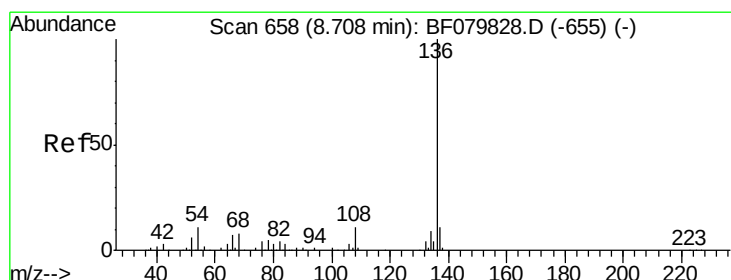
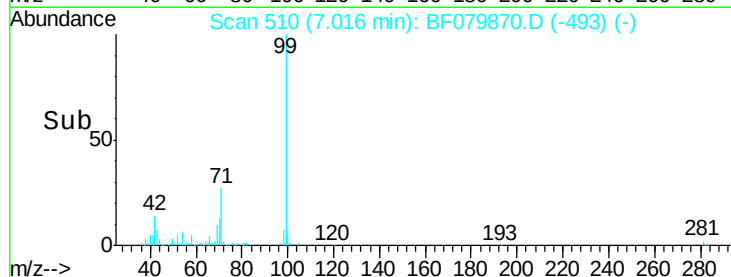
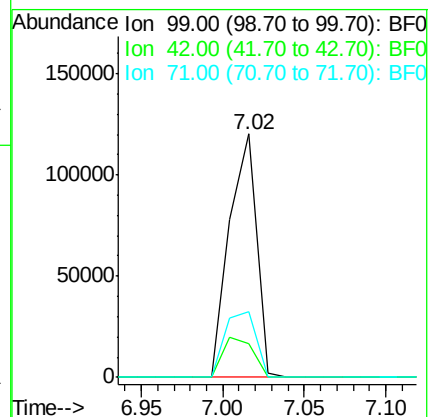
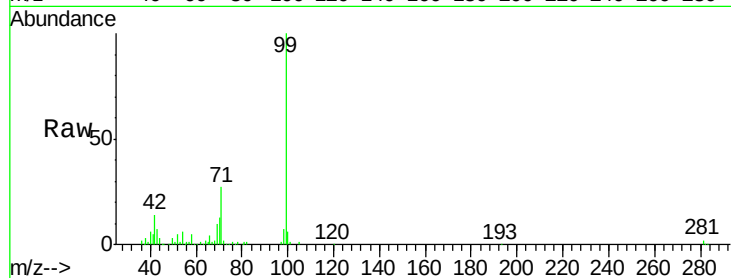
Tgt Ion: 99 Resp: 137746

Ion Ratio Lower Upper

99 100

42 14.0 13.7 20.5

71 27.1 25.1 37.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079870.D

Acq: 10 Jun 2015 17:46

Tgt Ion: 136 Resp: 197491

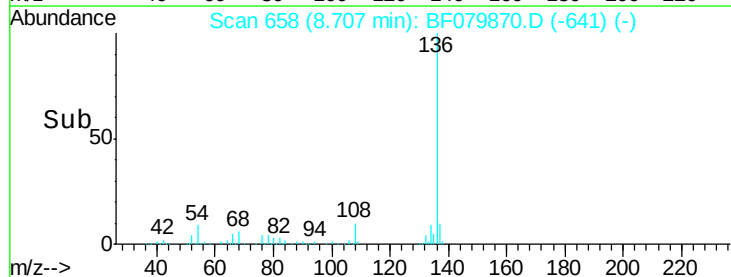
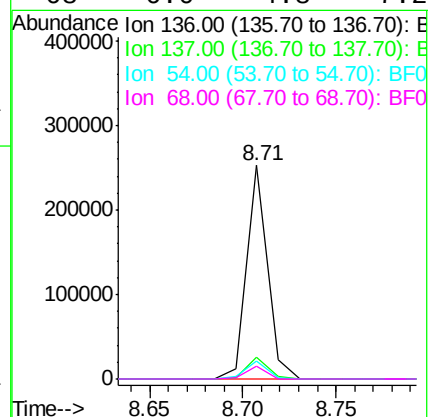
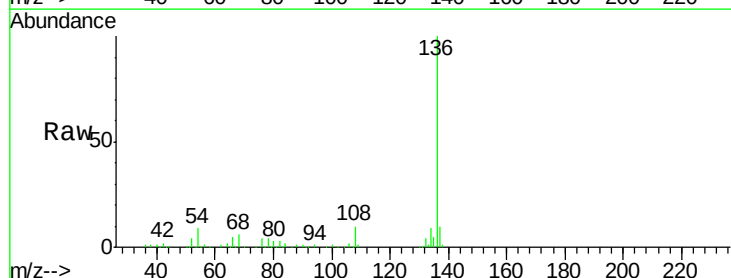
Ion Ratio Lower Upper

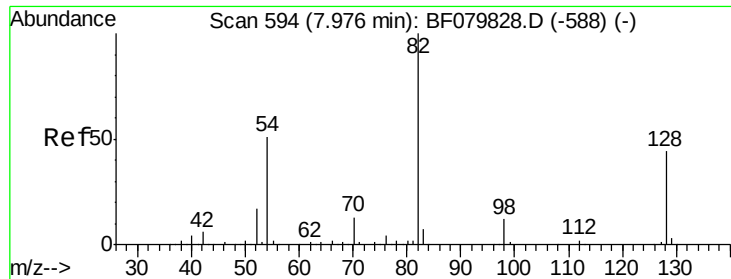
136 100

137 10.5 9.3 13.9

54 8.5 8.1 12.1

68 6.0 4.8 7.2

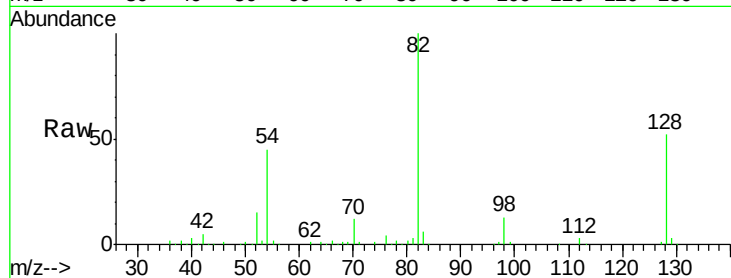




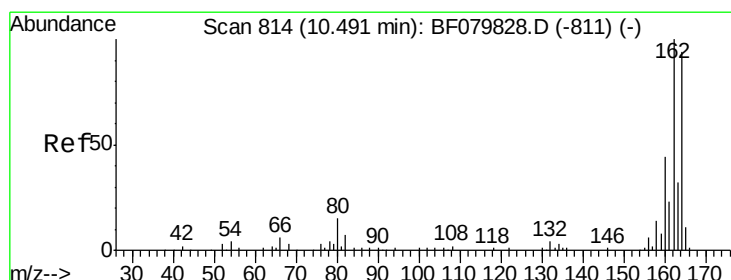
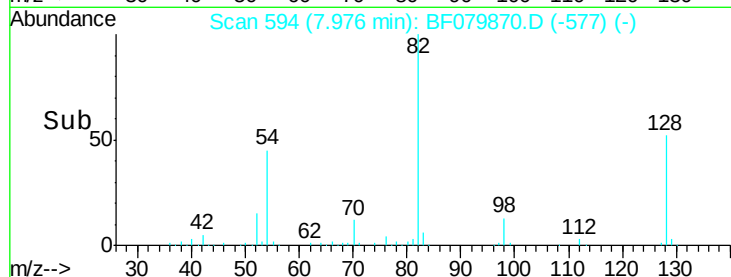
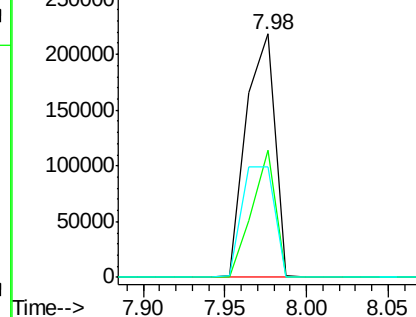
#23
 Nitrobenzene-d5
 Concen: 77.67 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079870.D
 Acq: 10 Jun 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-6-3-15

Tgt Ion: 82 Resp: 265533
 Ion Ratio Lower Upper
 82 100
 128 52.3 35.2 52.8
 54 45.3 39.2 58.8

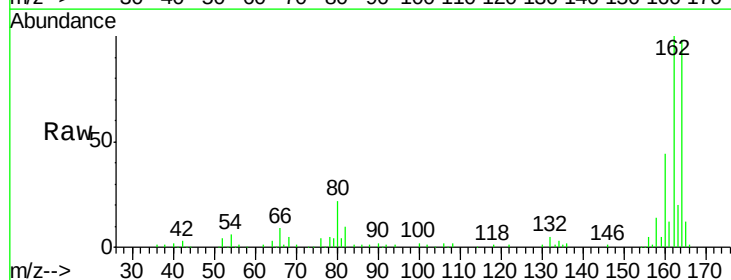


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

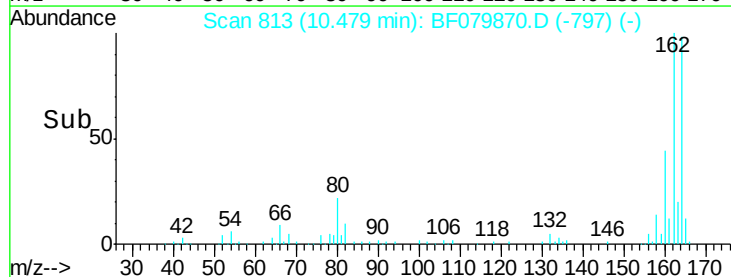
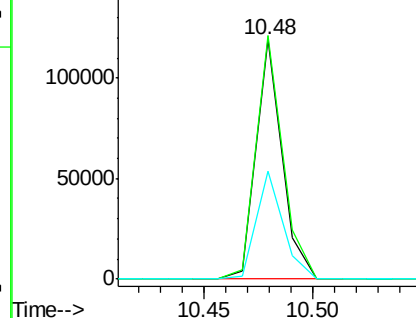


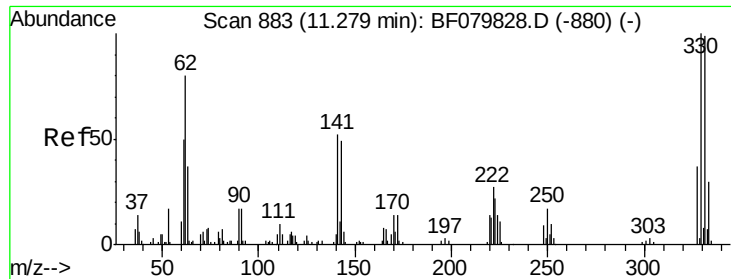
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079870.D
 Acq: 10 Jun 2015 17:46

Tgt Ion: 164 Resp: 98582
 Ion Ratio Lower Upper
 164 100
 162 101.6 89.8 134.8
 160 44.9 39.6 59.4



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

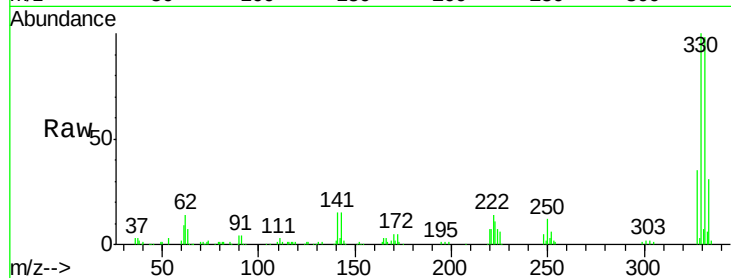




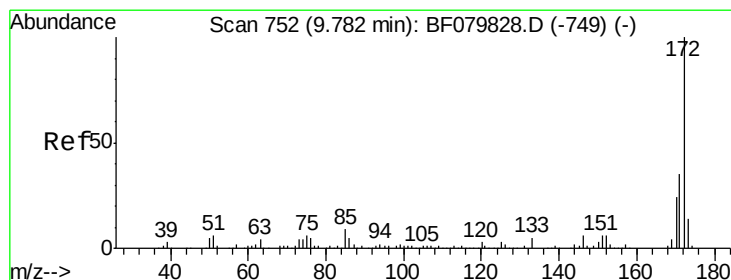
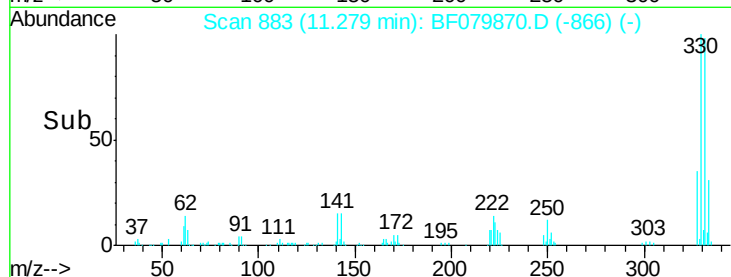
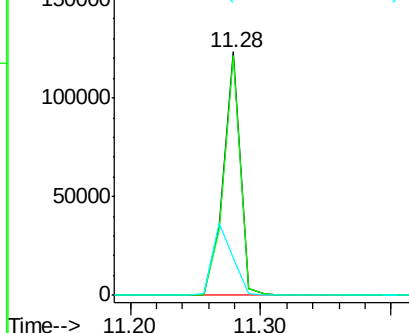
#41
 2,4,6-Tribromophenol
 Concen: 131.80 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079870.D
 Acq: 10 Jun 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-6-3-15

Tgt Ion:330 Resp: 112443
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.8 115.2
 141 34.9 29.1 43.7

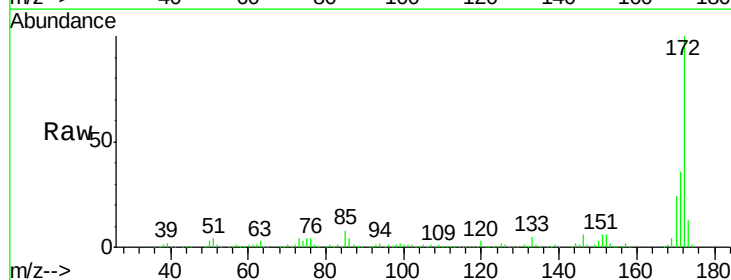


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

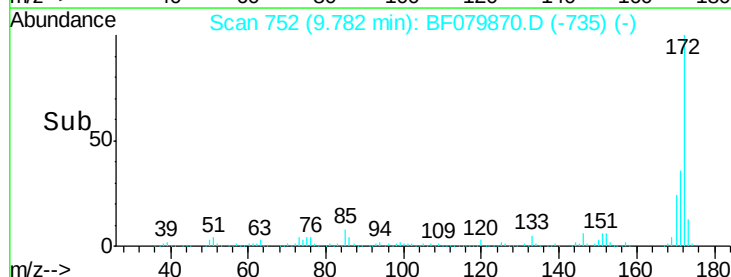
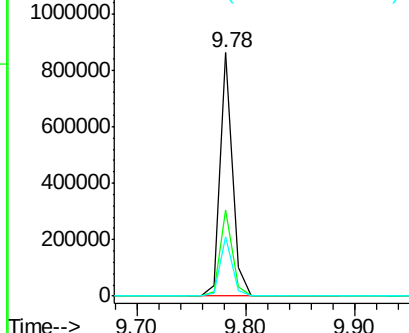


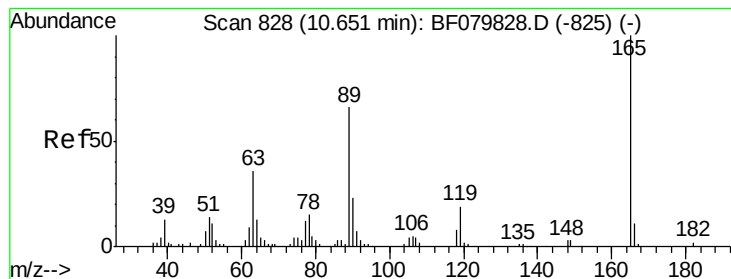
#44
 2-Fluorobiphenyl
 Concen: 98.13 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079870.D
 Acq: 10 Jun 2015 17:46

Tgt Ion:172 Resp: 687839
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 24.4 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: 12.14 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079870.D

Acq: 10 Jun 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PZ-3-6-3-15

Tgt Ion:165 Resp: 12035

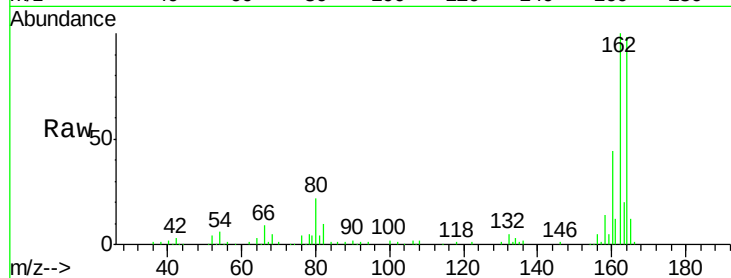
Ion Ratio Lower Upper

165 100

63 0.0 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

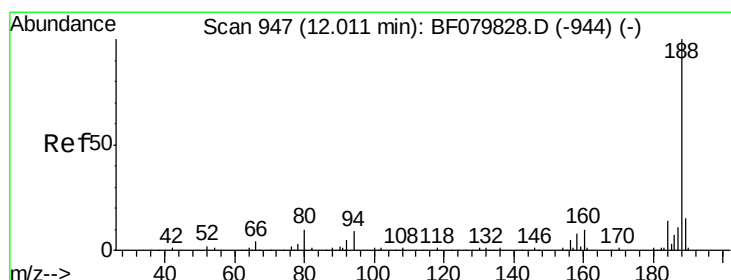
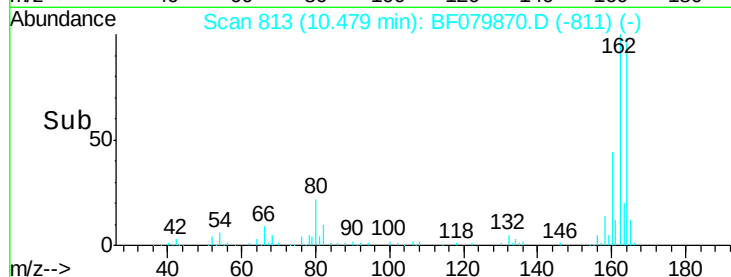
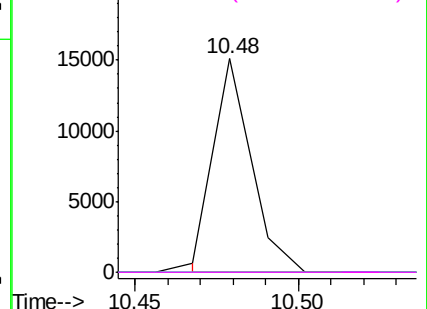


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079870.D

Acq: 10 Jun 2015 17:46

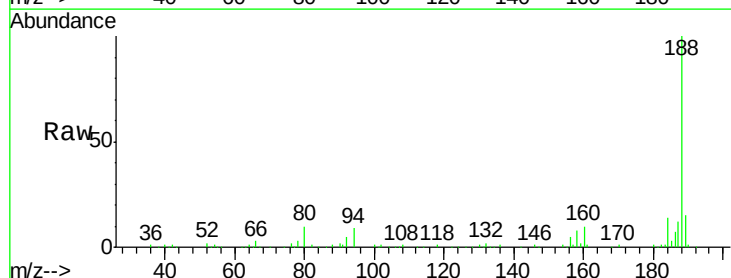
Tgt Ion:188 Resp: 202016

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

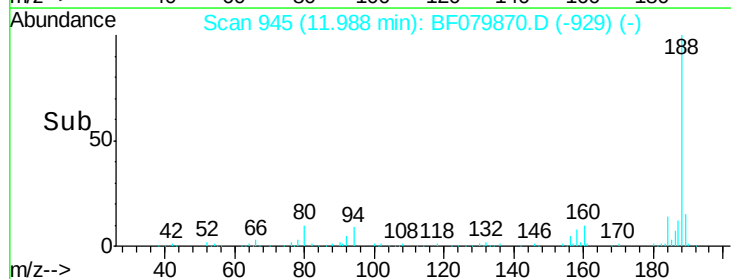
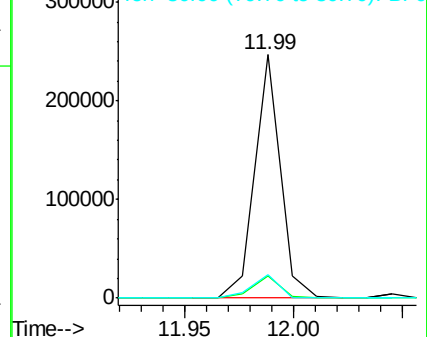
80 9.6 8.0 12.0

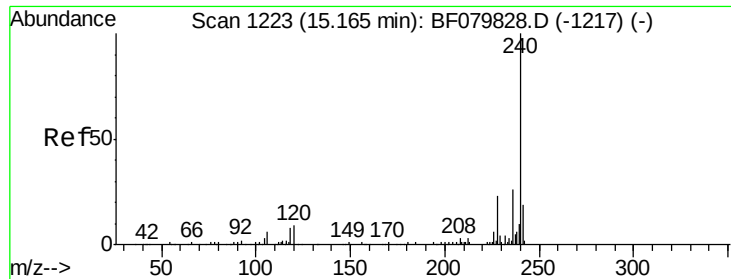


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.94 min Scan# 1203

Delta R.T. -0.14 min

Lab File: BF079870.D

Acq: 10 Jun 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PZ-3-6-3-15

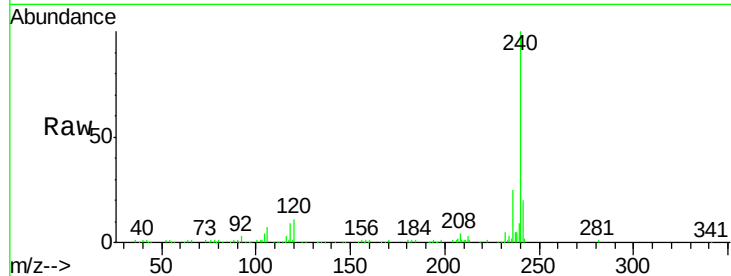
Tgt Ion:240 Resp: 199776

Ion Ratio Lower Upper

240 100

120 10.7 6.6 9.8#

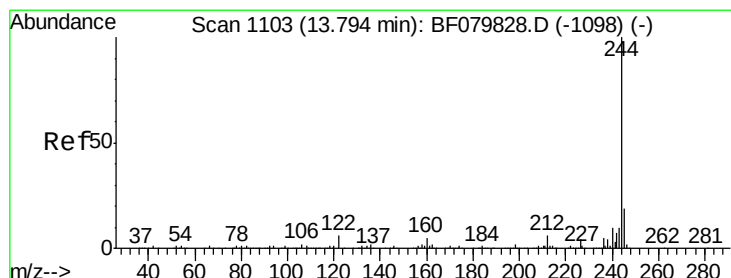
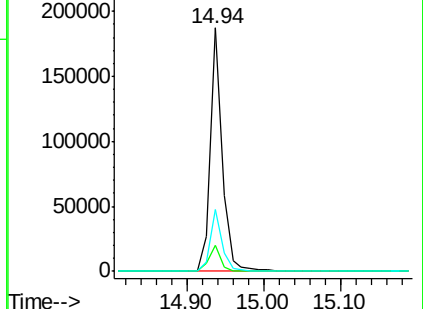
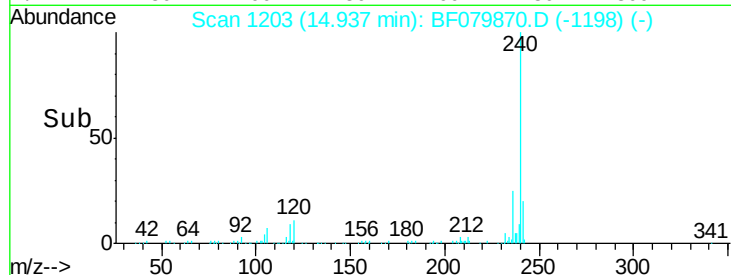
236 25.2 20.2 30.4



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: 90.79 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.07 min

Lab File: BF079870.D

Acq: 10 Jun 2015 17:46

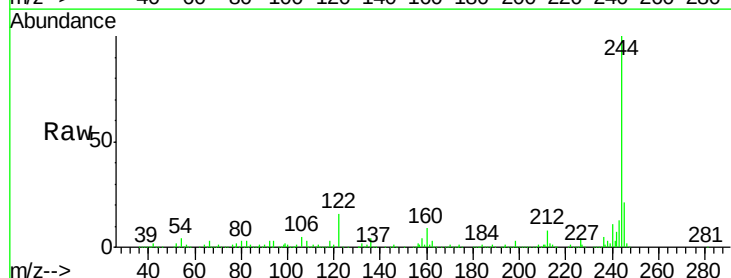
Tgt Ion:244 Resp: 804537

Ion Ratio Lower Upper

244 100

212 7.7 5.6 8.4

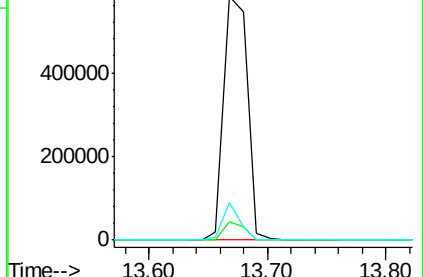
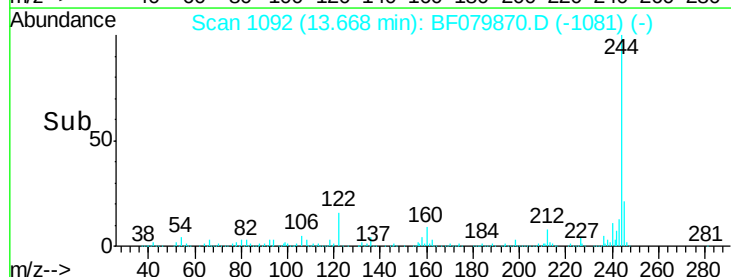
122 15.6 8.2 12.2#

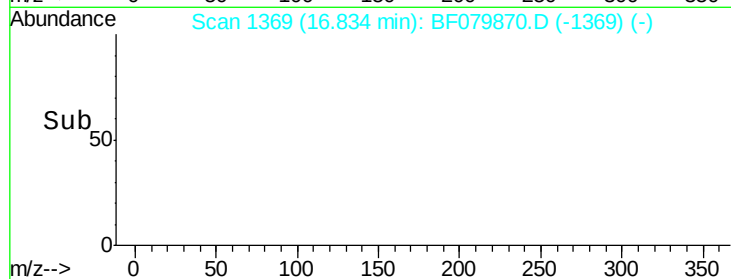
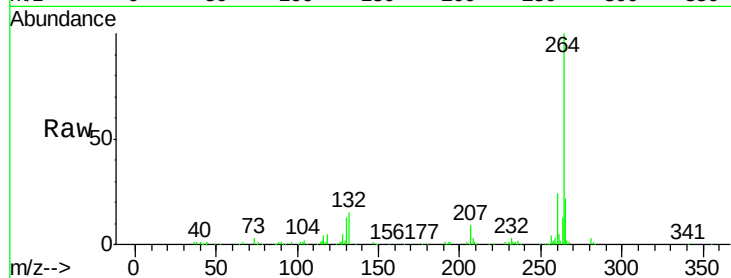
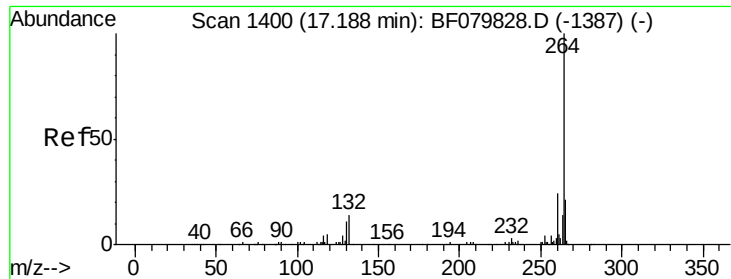


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.83 min Scan# 1369

Delta R.T. -0.19 min

Lab File: BF079870.D

Acq: 10 Jun 2015 17:46

Instrument :

BNA_F

ClientSampleId :

PZ-3-6-3-15

Tgt Ion: 264 Resp: 184902

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.7 18.0 27.0

