

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079868.D
 Acq On : 10 Jun 2015 16:48
 Operator : TP/IZ
 Sample : PB83890BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BL

Quant Time: Jun 11 01:28:49 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

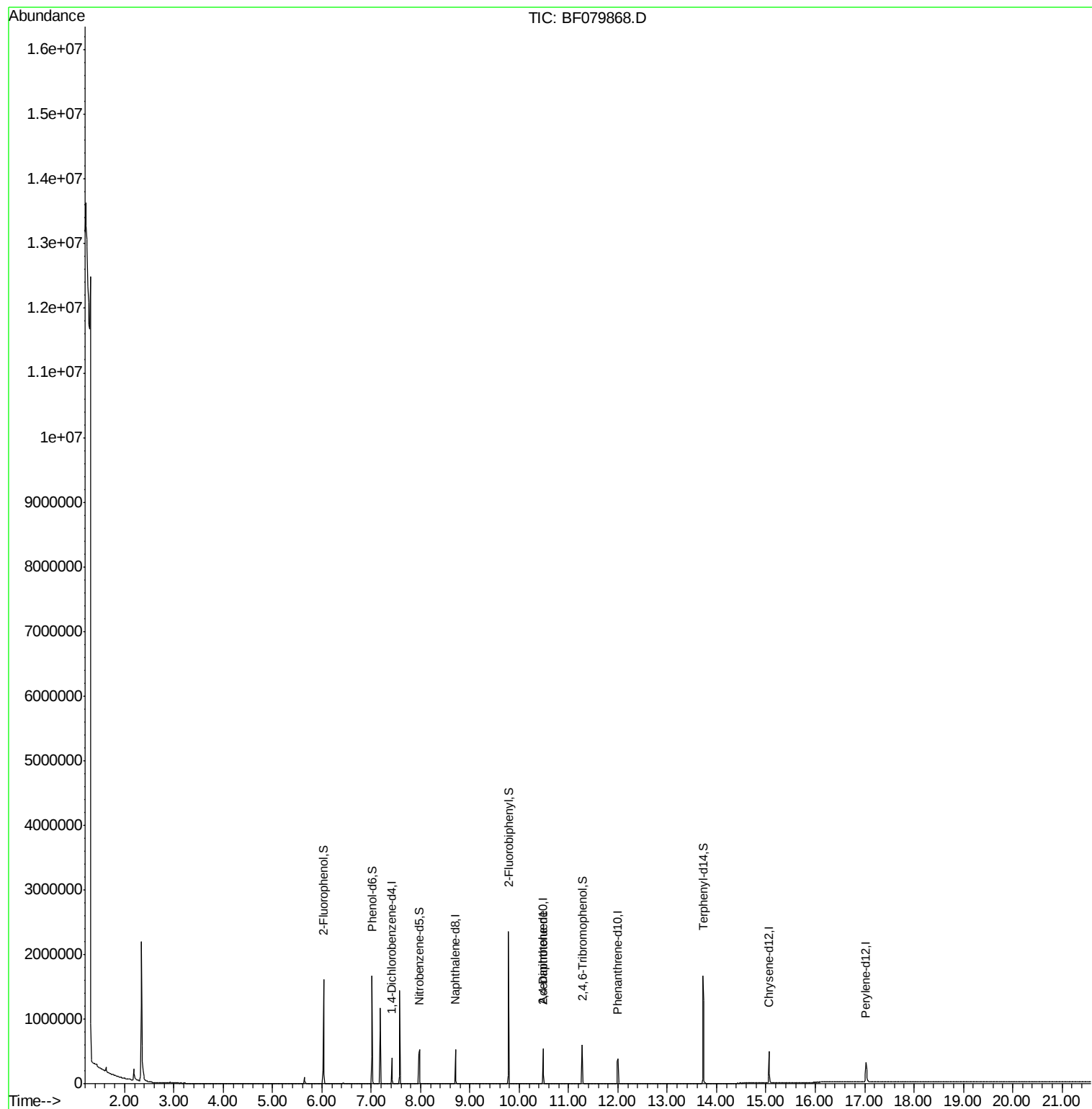
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	54452	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	209154	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	103862	20.00	ng	-0.01
63) Phenanthrene-d10	12.00	188	206977	20.00	ng	0.00
75) Chrysene-d12	15.06	240	212006	20.00	ng	-0.01
86) Perylene-d12	17.03	264	190139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	378599	114.59	ng	0.00
7) Phenol-d6	7.02	99	527067	123.29	ng	0.00
23) Nitrobenzene-d5	7.98	82	229395	63.36	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	100381	111.68	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	632865	85.70	ng	0.00
78) Terphenyl-d14	13.73	244	761185	80.94	ng	-0.01
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	13087	12.31	ng	Qvalue # 32

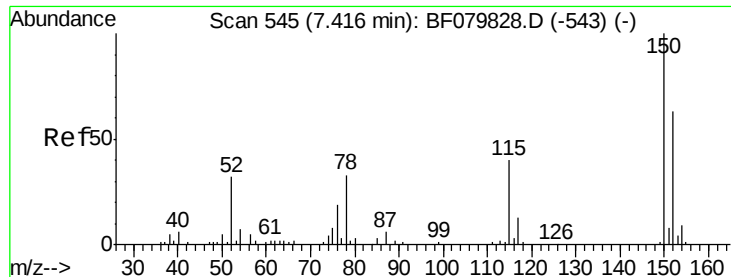
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 00:53:15 2015
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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: BF079868.D

Acq: 10 Jun 2015 16:48

Instrument :

BNA_F

ClientSampleId :

PB83890BL

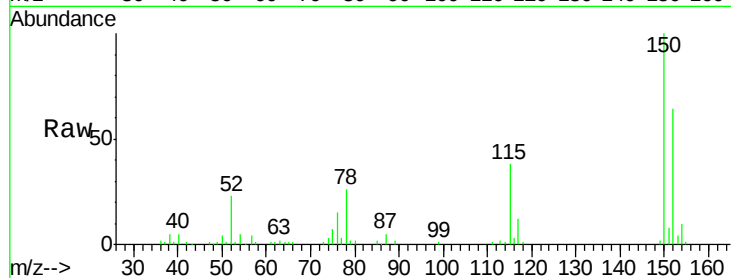
Tgt Ion:152 Resp: 54452

Ion Ratio Lower Upper

152 100

150 156.7 131.4 197.2

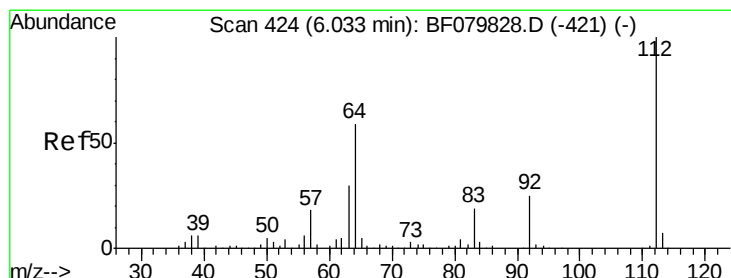
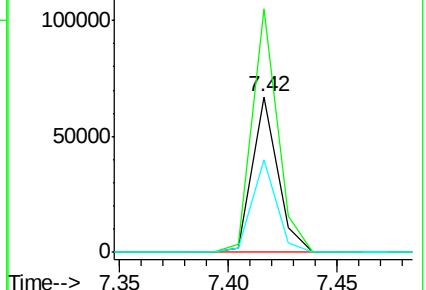
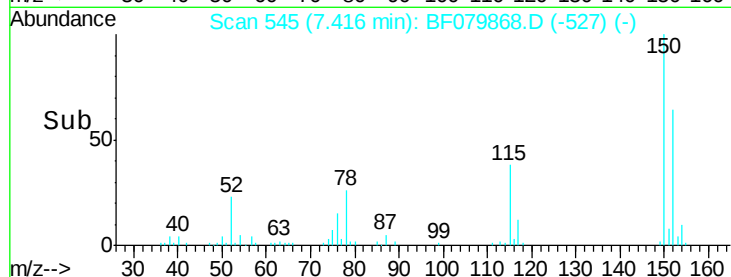
115 59.3 56.5 84.7



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: 114.59 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

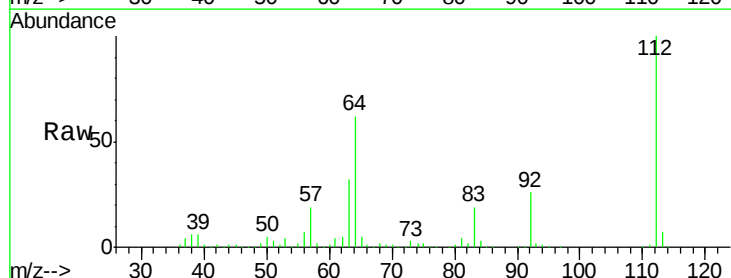
Tgt Ion:112 Resp: 378599

Ion Ratio Lower Upper

112 100

64 62.4 44.2 66.4

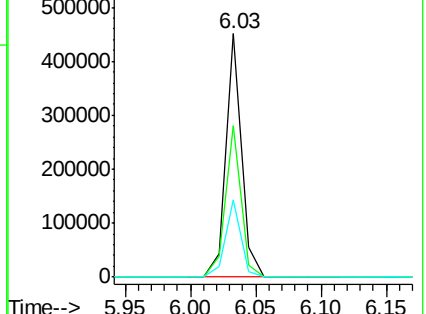
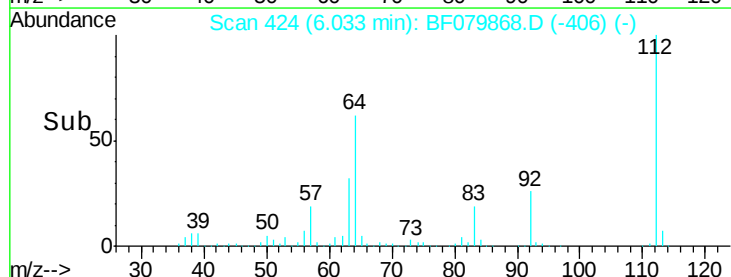
63 31.7 22.8 34.2

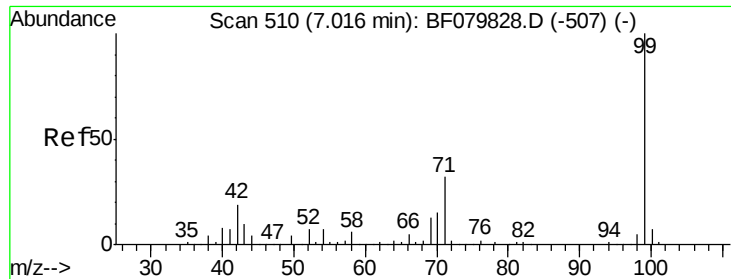


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.29 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

Instrument :

BNA_F

ClientSampleId :

PB83890BL

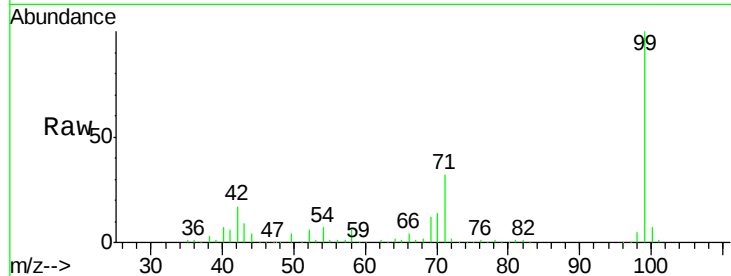
Tgt Ion: 99 Resp: 527067

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

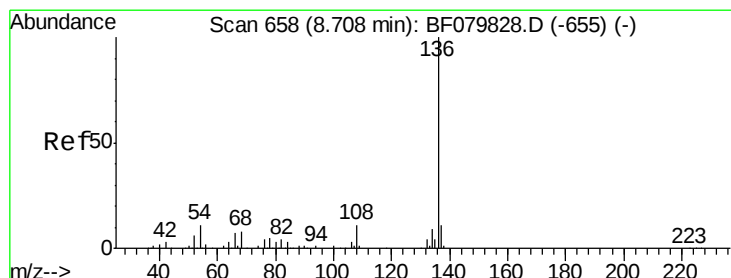
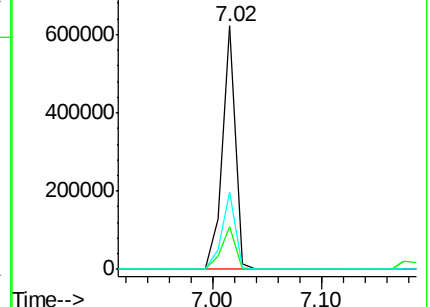
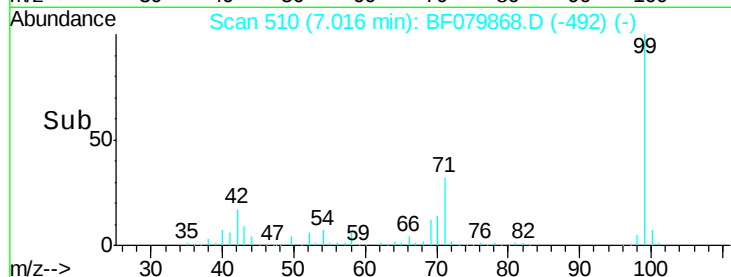
71 31.5 25.1 37.7



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: BF079868.D

Acq: 10 Jun 2015 16:48

Tgt Ion: 136 Resp: 209154

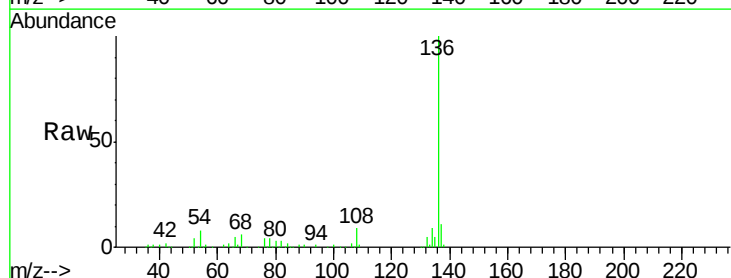
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 8.3 8.1 12.1

68 6.2 4.8 7.2

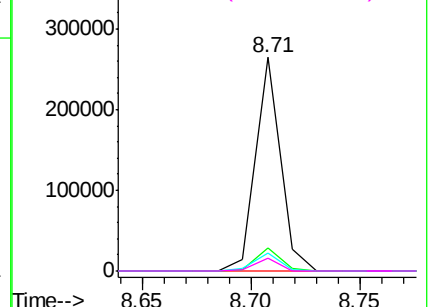
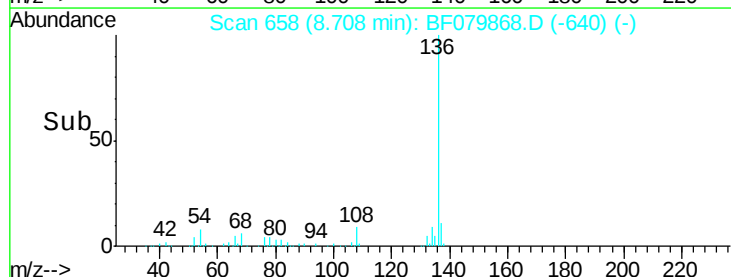


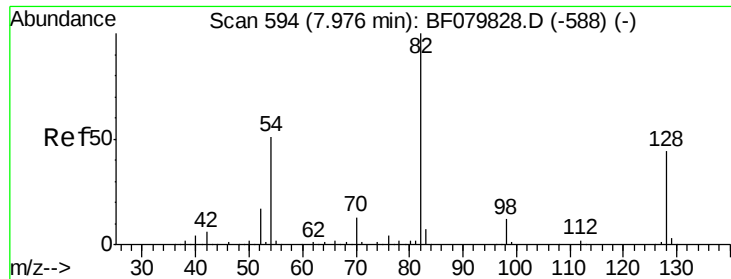
Abundance Ion 136.00 (135.70 to 136.70): E

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

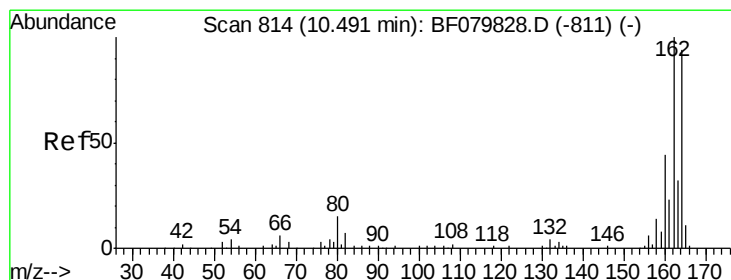
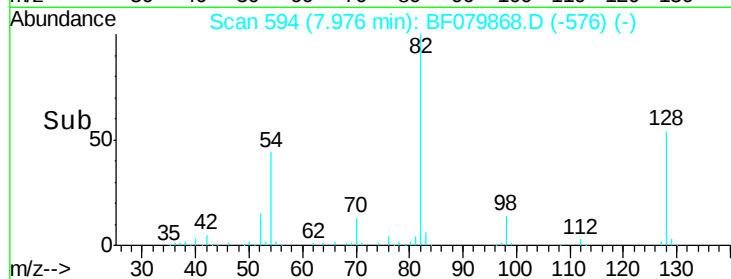
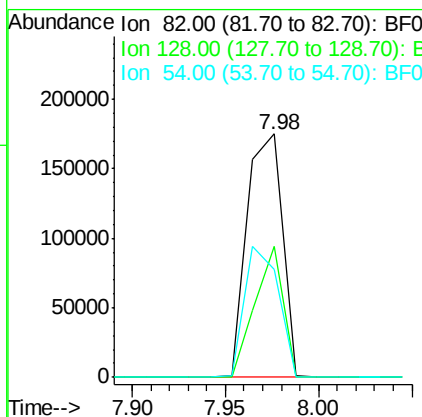
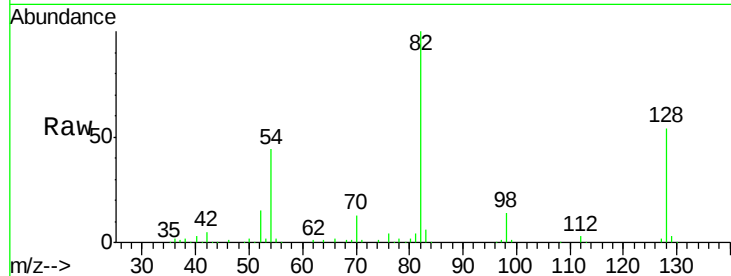




#23
 Nitrobenzene-d5
 Concen: 63.36 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079868.D
 Acq: 10 Jun 2015 16:48

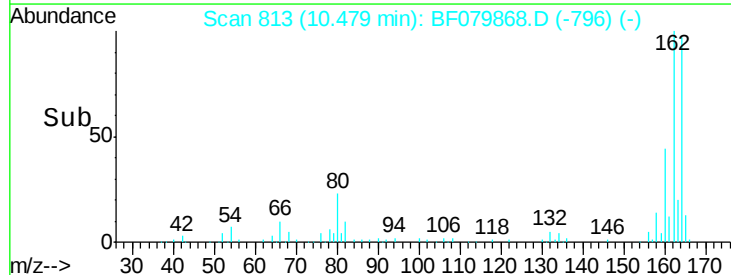
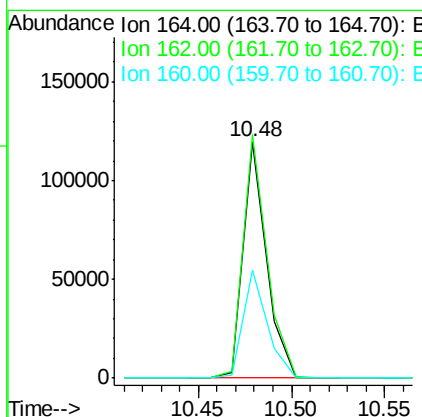
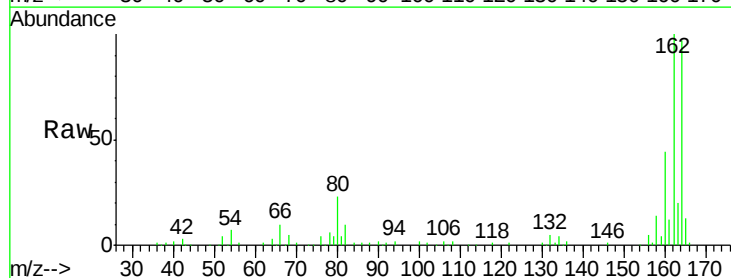
Instrument :
 BNA_F
 ClientSampleId :
 PB83890BL

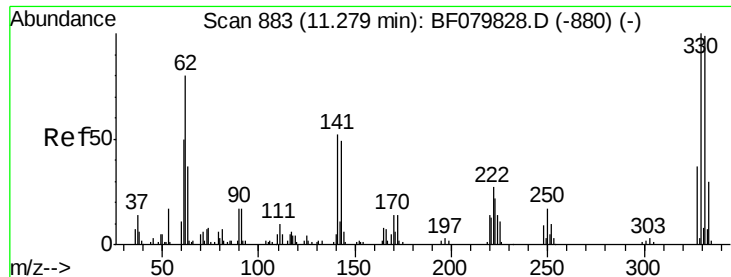
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.6	35.2	52.8
54	44.5	39.2	58.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079868.D
 Acq: 10 Jun 2015 16:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	89.8	134.8
160	45.6	39.6	59.4

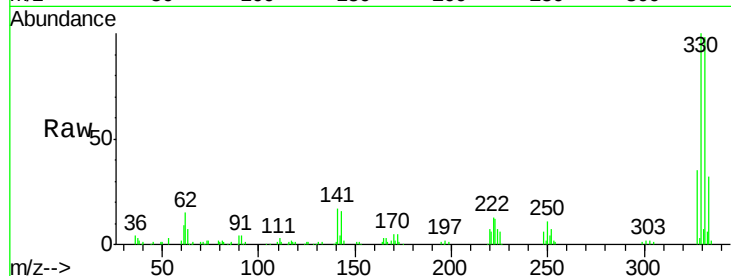




#41
 2,4,6-Tribromophenol
 Concen: 111.68 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079868.D
 Acq: 10 Jun 2015 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB83890BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	34.0	29.1	43.7

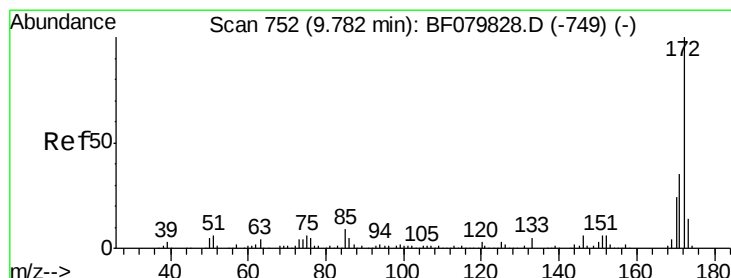
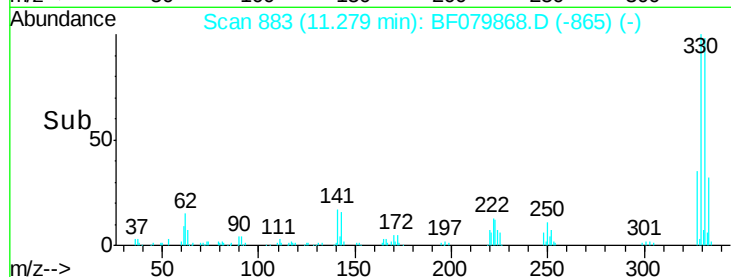
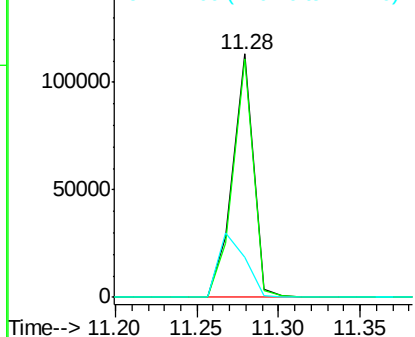


Abundance

Ion 329.80 (329.50 to 330.50): E

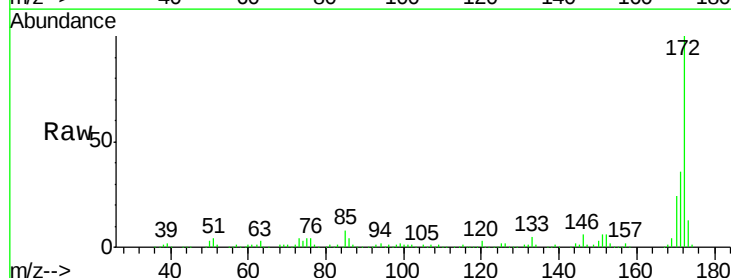
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.70 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079868.D
 Acq: 10 Jun 2015 16:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.3	18.8	28.2

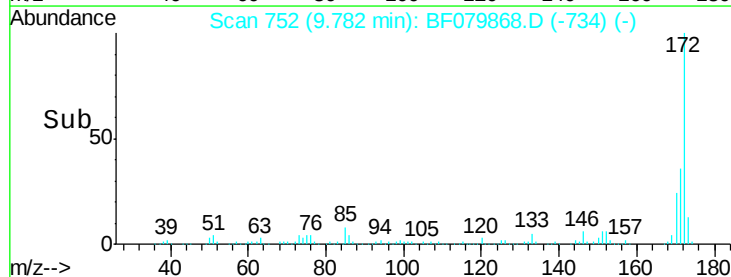
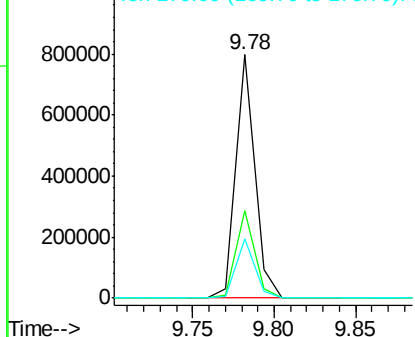


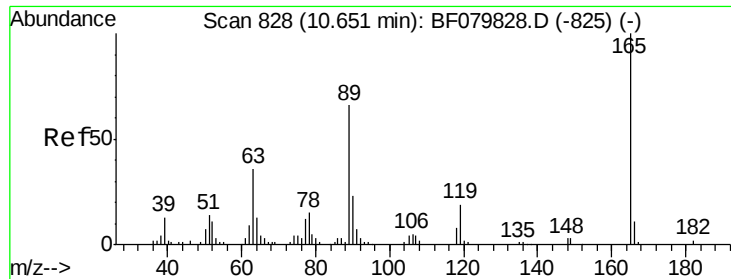
Abundance

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: 12.31 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

Instrument :

BNA_F

ClientSampleID :

PB83890BL

Tgt Ion:165 Resp: 13087

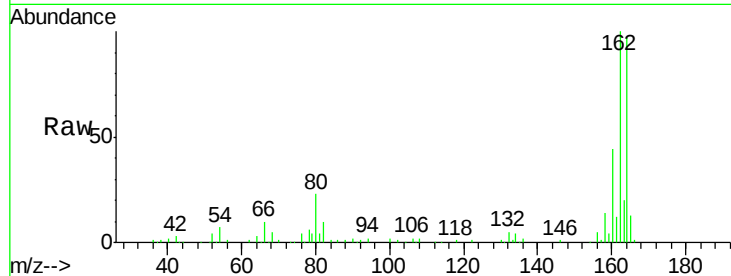
Ion Ratio Lower Upper

165 100

63 0.0 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

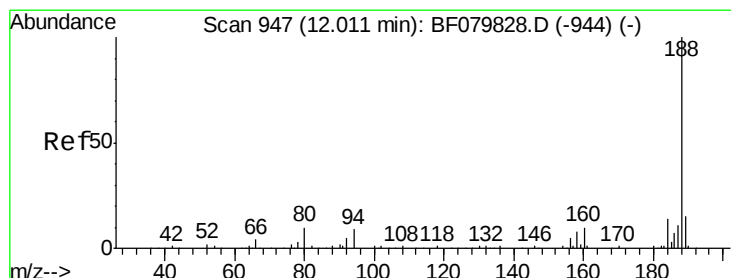
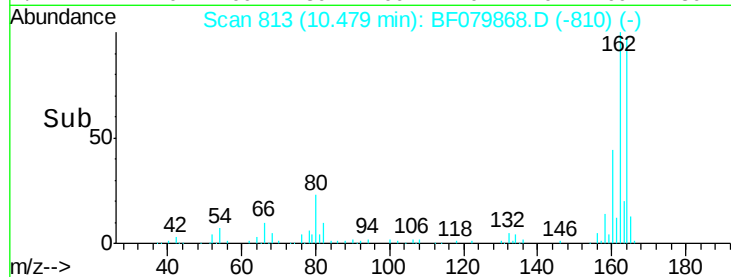
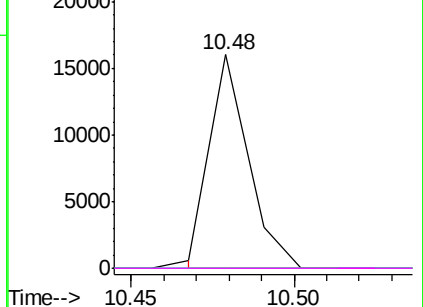


Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.00 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

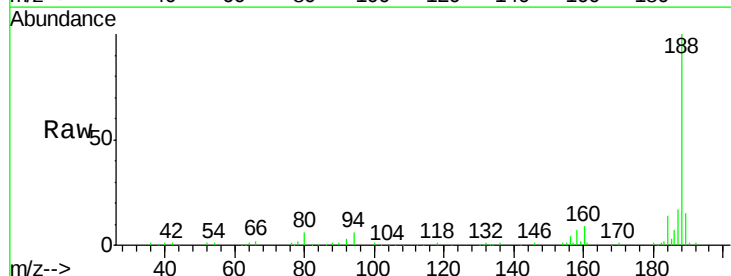
Tgt Ion:188 Resp: 206977

Ion Ratio Lower Upper

188 100

94 5.8 7.4 11.0#

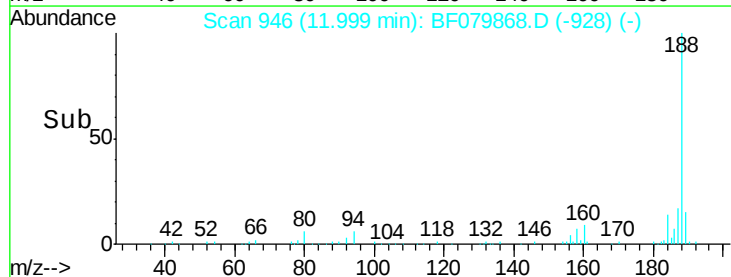
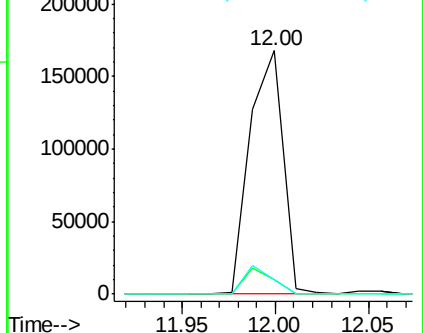
80 6.0 8.0 12.0#

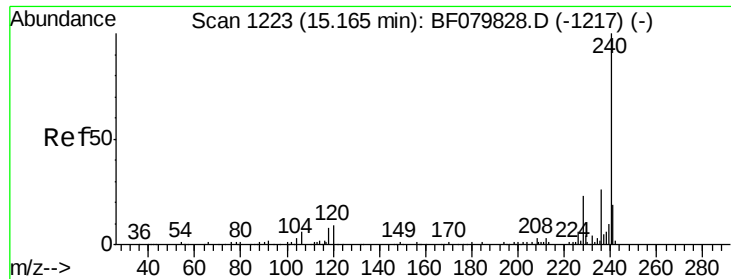


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.06 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

Instrument :

BNA_F

ClientSampleId :

PB83890BL

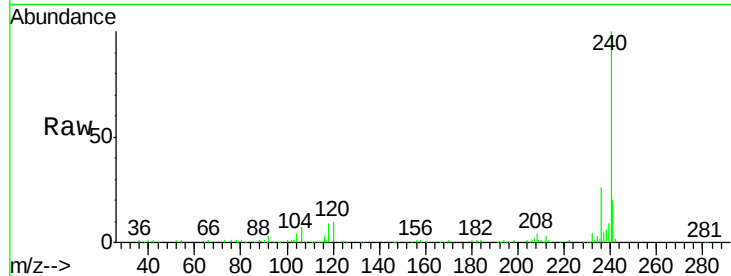
Tgt Ion:240 Resp: 212006

Ion Ratio Lower Upper

240 100

120 10.3 6.6 9.8#

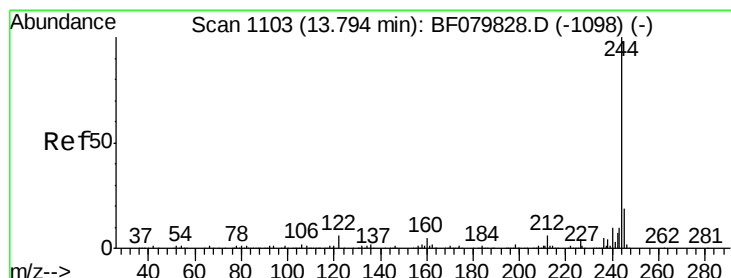
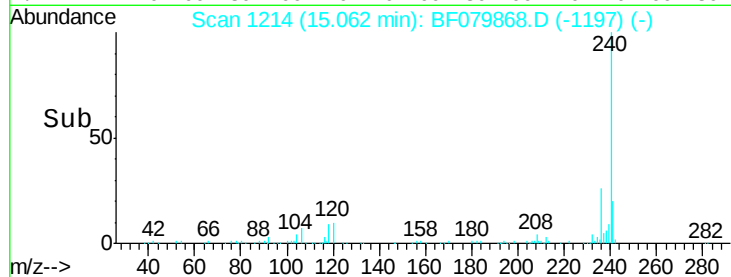
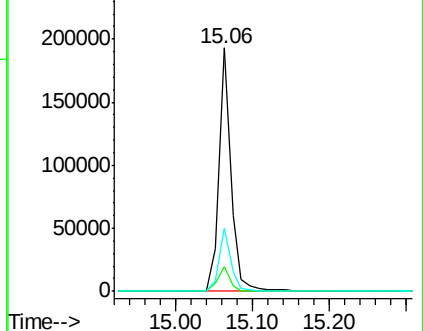
236 25.9 20.2 30.4



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: 80.94 ng

RT: 13.73 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF079868.D

Acq: 10 Jun 2015 16:48

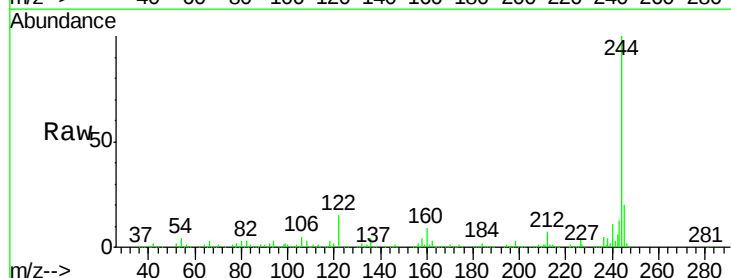
Tgt Ion:244 Resp: 761185

Ion Ratio Lower Upper

244 100

212 7.5 5.6 8.4

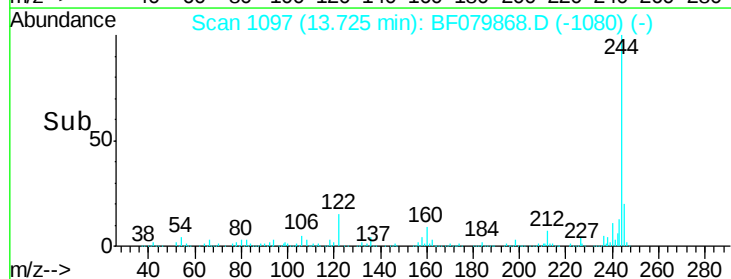
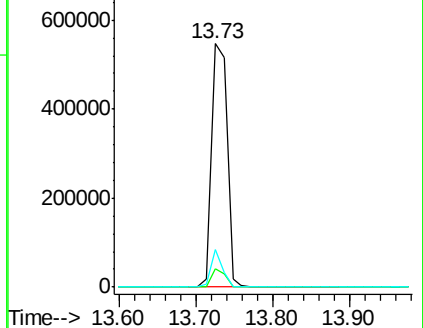
122 15.2 8.2 12.2#

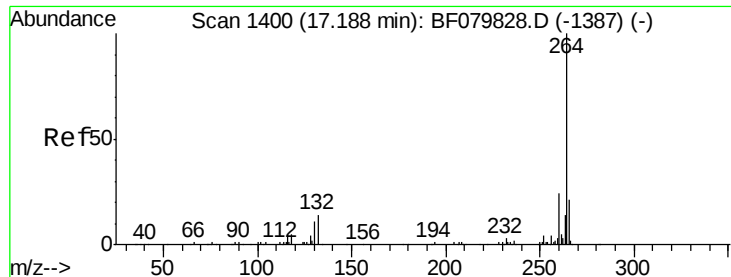


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.03 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF079868.D
Acq: 10 Jun 2015 16:48

Instrument :
BNA_F
ClientSampleId :
PB83890BL

Tgt Ion: 264 Resp: 190139
Ion Ratio Lower Upper
264 100
260 22.9 19.5 29.3
265 21.9 18.0 27.0

