

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079858.D
 Acq On : 10 Jun 2015 11:56
 Operator : TP/IZ
 Sample : G2580-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

Quant Time: Jun 11 01:25:01 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

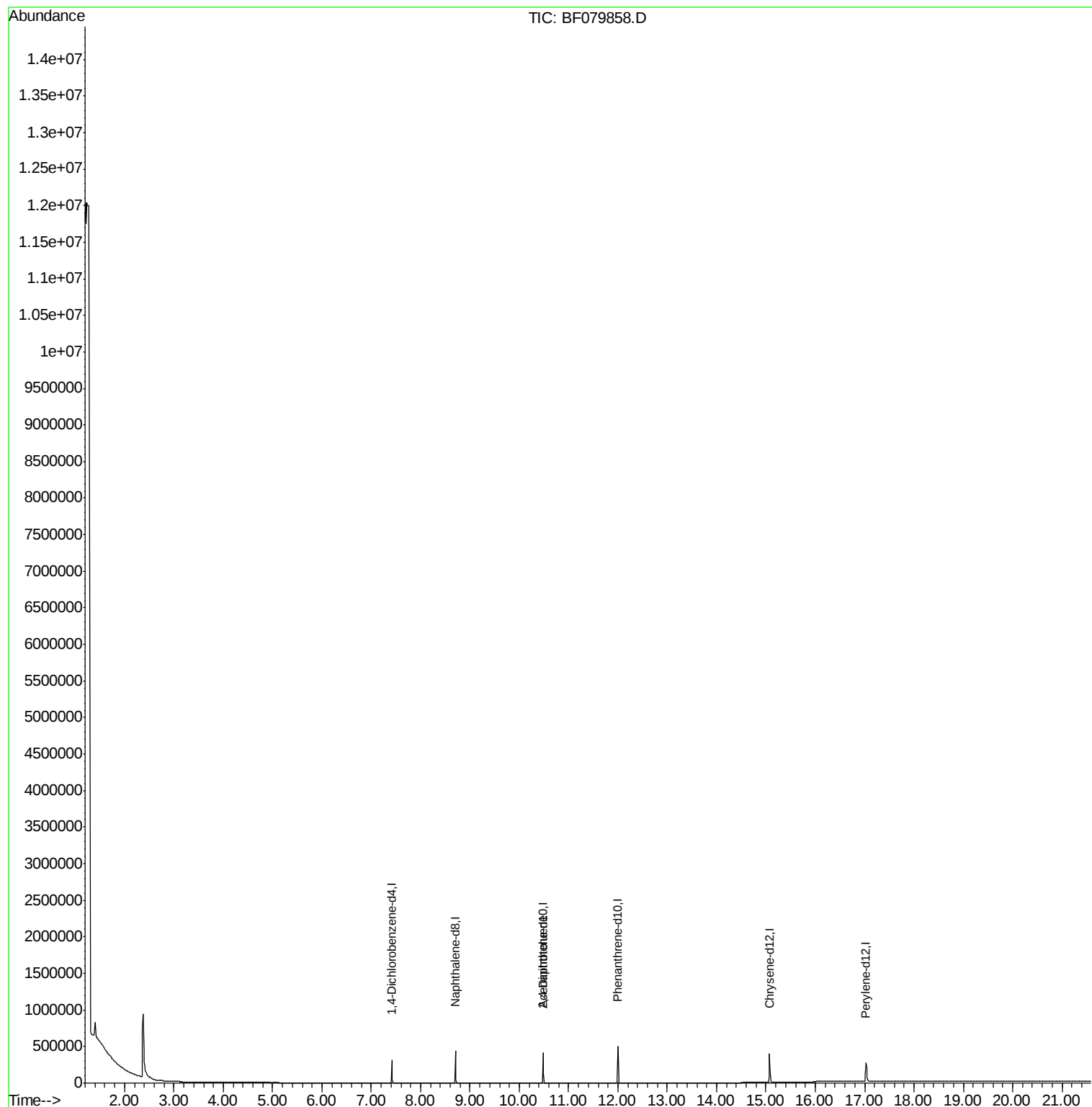
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	43778	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	173841	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	86343	20.00	ng	-0.01
63) Phenanthrene-d10	12.00	188	180310	20.00	ng	0.00
75) Chrysene-d12	15.07	240	178019	20.00	ng	0.00
86) Perylene-d12	17.03	264	167760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
56) 2,4-Dinitrotoluene	10.48	165	10507	12.12	ng	Qvalue # 32

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

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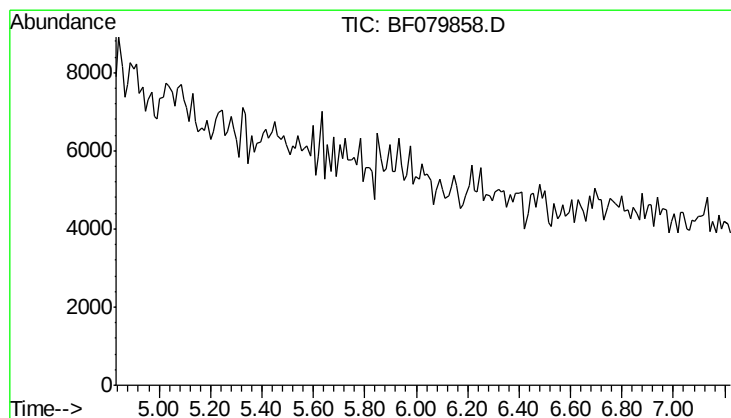
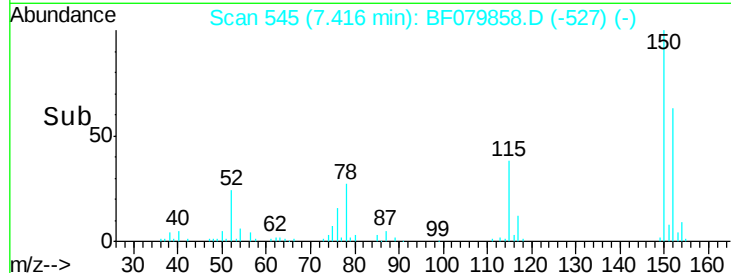
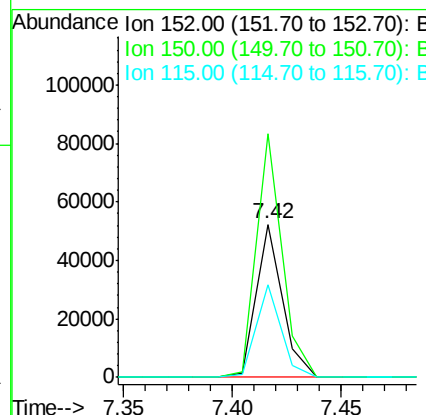
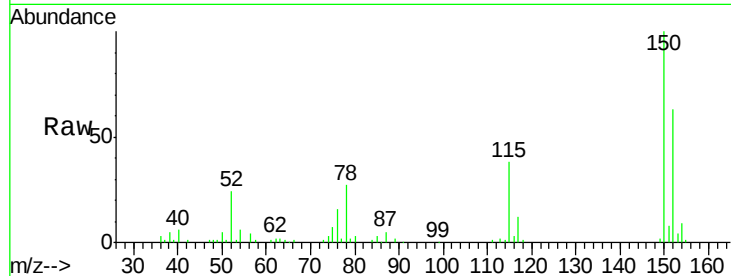




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF079858.D
 Acq: 10 Jun 2015 11:56

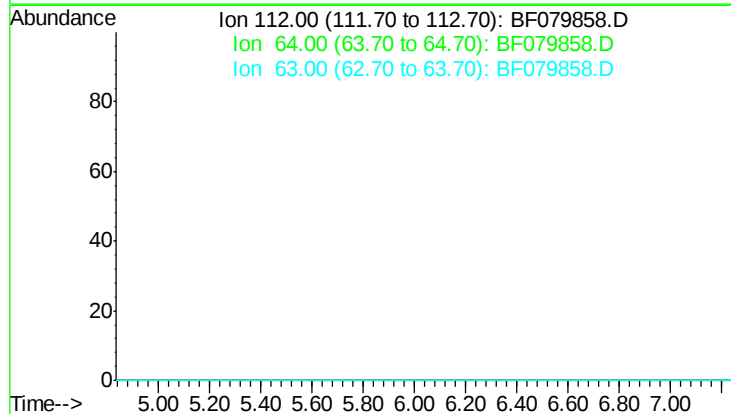
Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

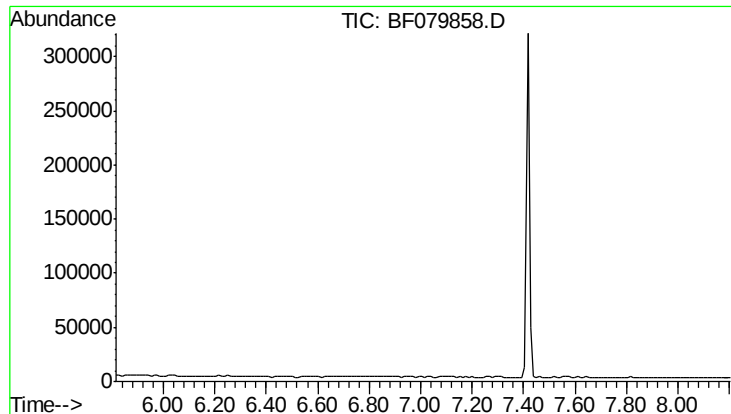
Tgt Ion:152 Resp: 43778
 Ion Ratio Lower Upper
 152 100
 150 159.1 131.4 197.2
 115 60.3 56.5 84.7



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 6.03 min
 Lab File: BF079858.D
 Acq: 10 Jun 2015 11:56

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 55.3
 63 28.5





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.02 min

Lab File: BF079858.D

Acq: 10 Jun 2015 11:56

Instrument :

BNA_F

ClientSampleId :

SVOC-GPC-BLANK

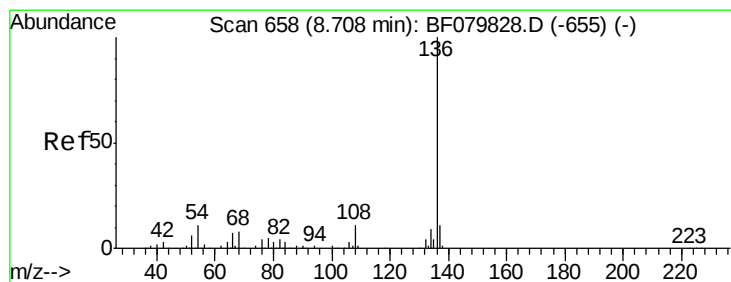
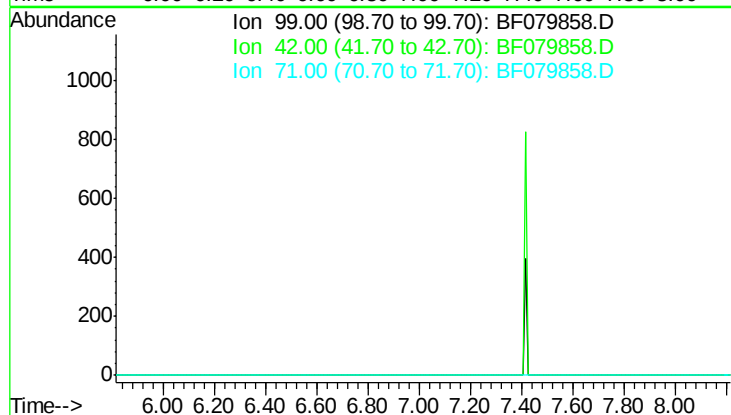
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.1

71 31.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079858.D

Acq: 10 Jun 2015 11:56

Tgt Ion: 136 Resp: 173841

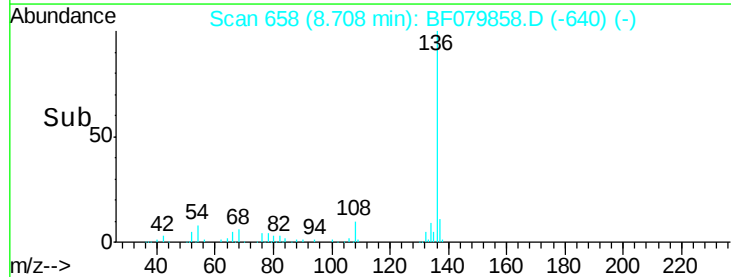
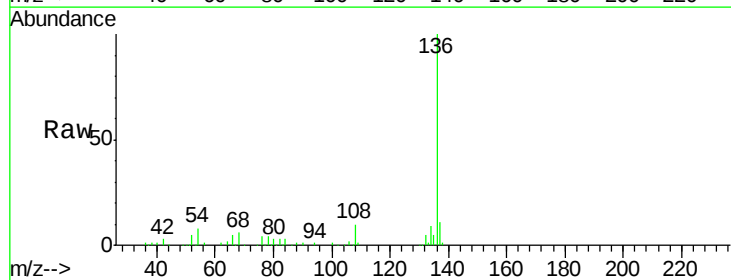
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 8.3 8.1 12.1

68 6.4 4.8 7.2

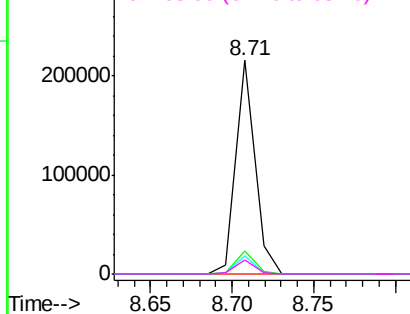


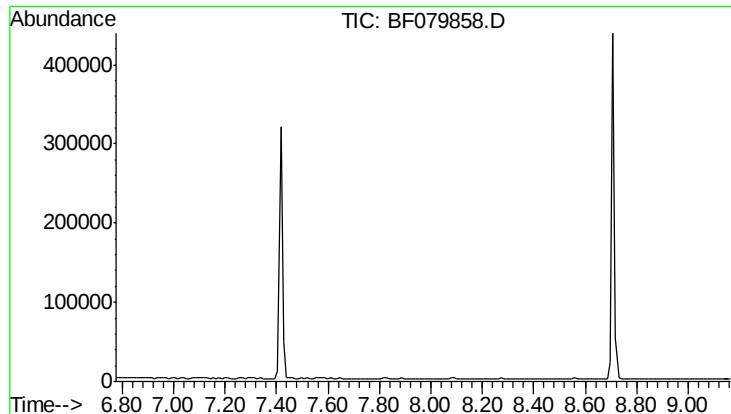
Abundance Ion 136.00 (135.70 to 136.70): E

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

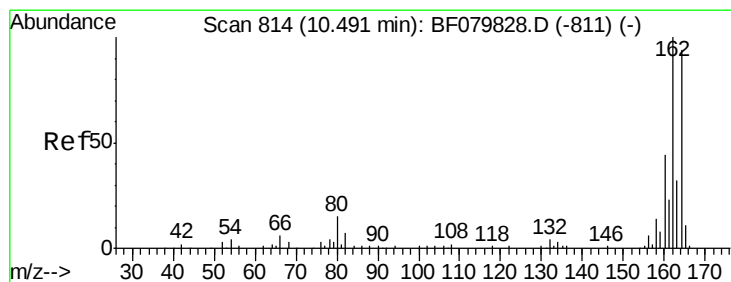
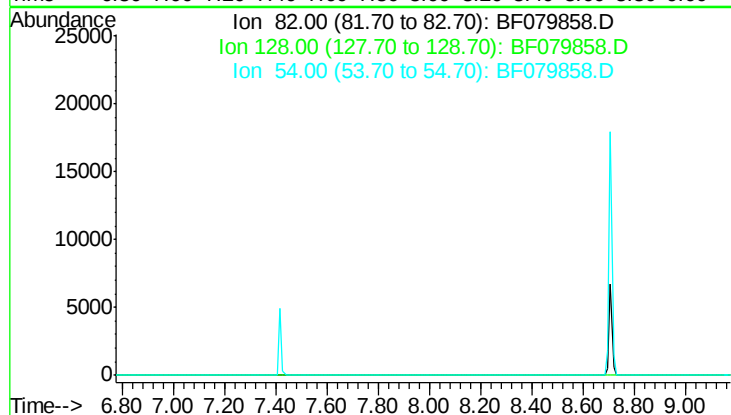




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.98 min
 Lab File: BF079858.D
 Acq: 10 Jun 2015 11:56

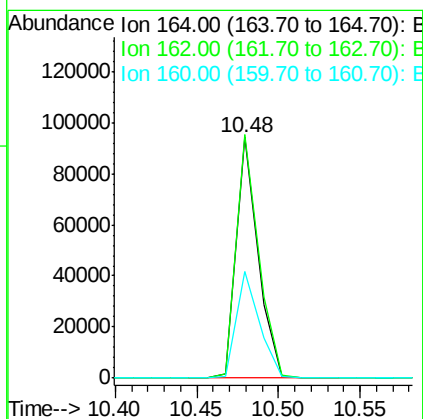
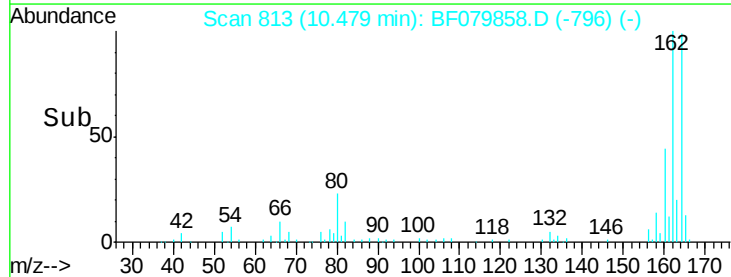
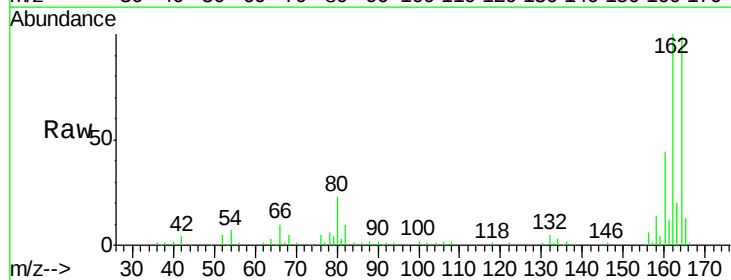
Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

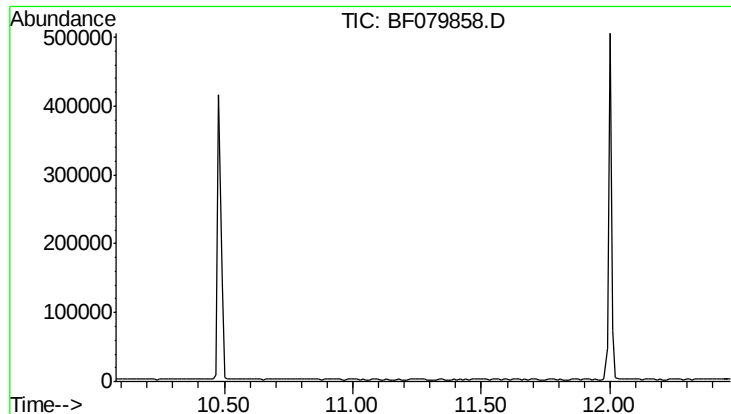
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 44.0
 54 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079858.D
 Acq: 10 Jun 2015 11:56

Tgt Ion: 164 Resp: 86343
 Ion Ratio Lower Upper
 164 100
 162 101.1 89.8 134.8
 160 44.5 39.6 59.4





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 11.28 min

Lab File: BF079858.D

Acq: 10 Jun 2015 11:56

Instrument :

BNA_F

ClientSampleId :

SVOC-GPC-BLANK

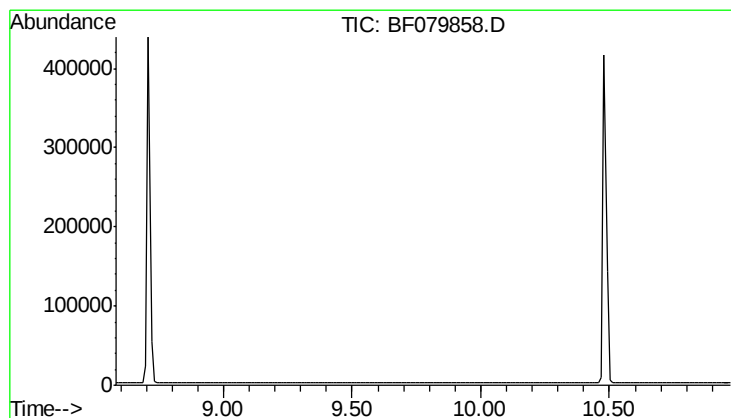
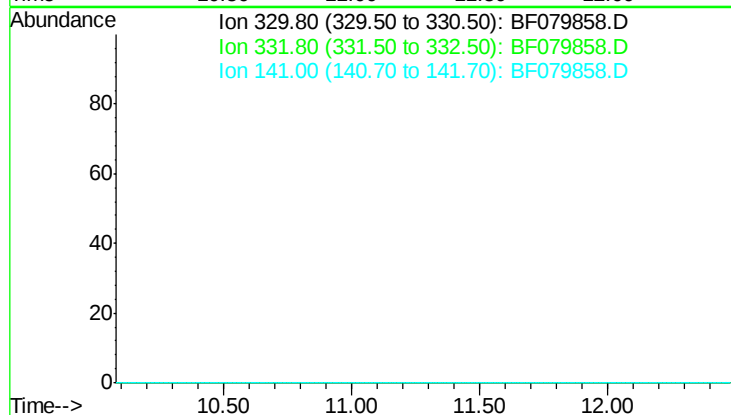
Tgt Ion: 330

Sig Exp Ratio

330 100

332 96.0

141 36.4



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.78 min

Lab File: BF079858.D

Acq: 10 Jun 2015 11:56

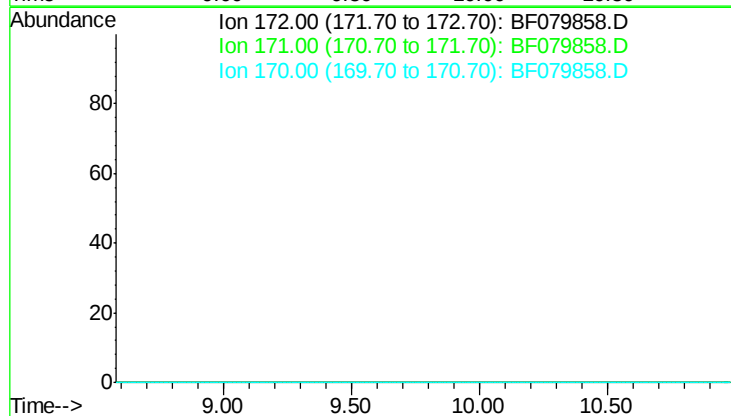
Tgt Ion: 172

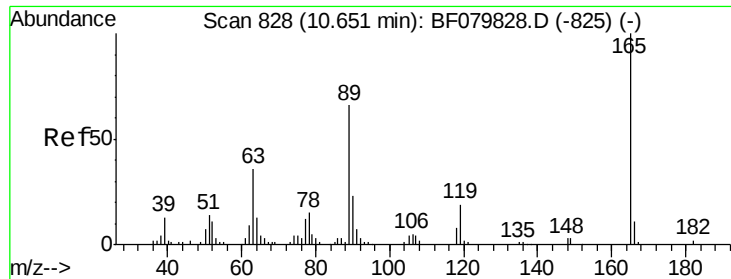
Sig Exp Ratio

172 100

171 35.6

170 23.5

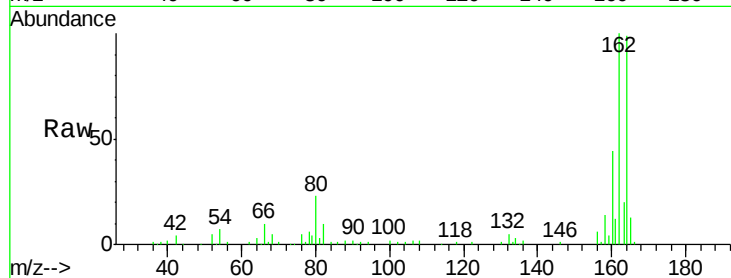




#56
 2,4-Dinitrotoluene
 Concen: 12.12 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.17 min
 Lab File: BF079858.D
 Acq: 10 Jun 2015 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-GPC-BLANK

Tgt 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#

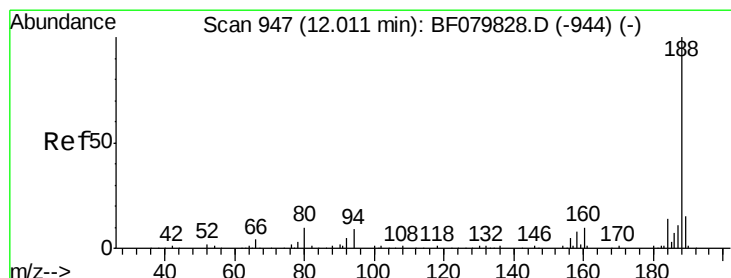
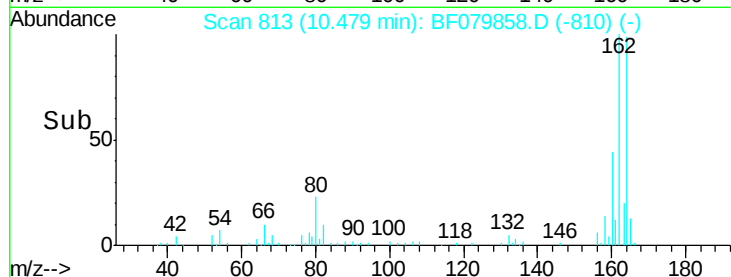
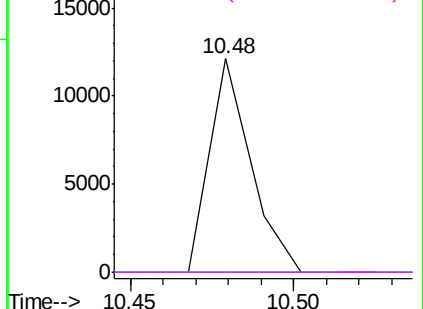


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

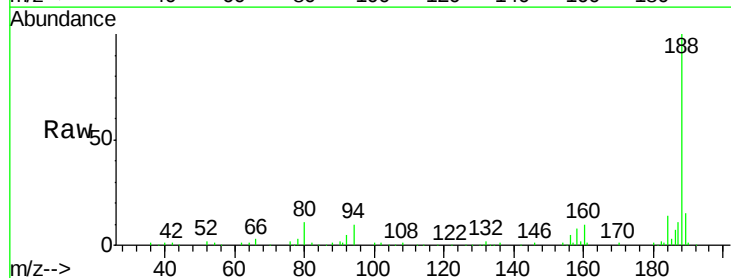
Ion 89.00 (88.70 to 89.70): BF0

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: BF079858.D
 Acq: 10 Jun 2015 11:56

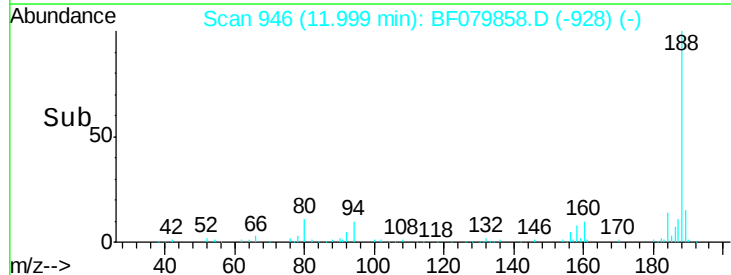
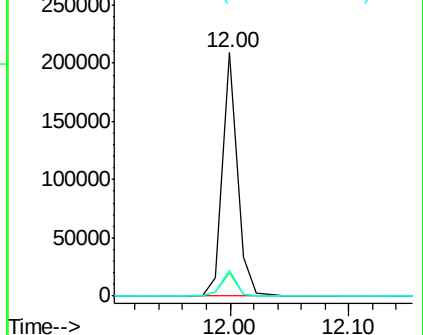
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.0
80	10.7	8.0	12.0

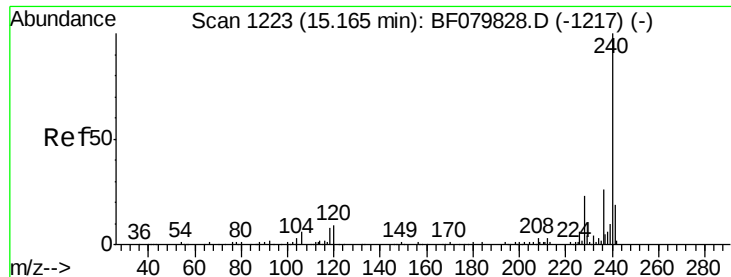


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.07 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF079858.D

Acq: 10 Jun 2015 11:56

Instrument :

BNA_F

ClientSampleId :

SVOC-GPC-BLANK

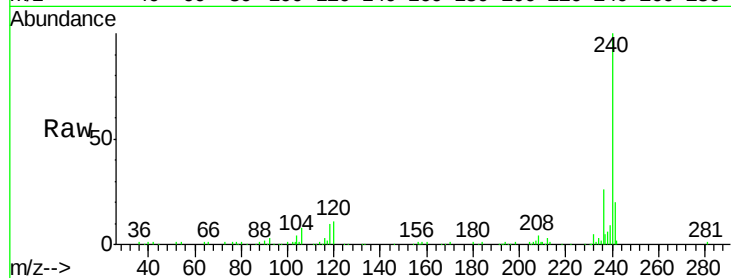
Tgt Ion: 240 Resp: 178019

Ion Ratio Lower Upper

240 100

120 11.1 6.6 9.8#

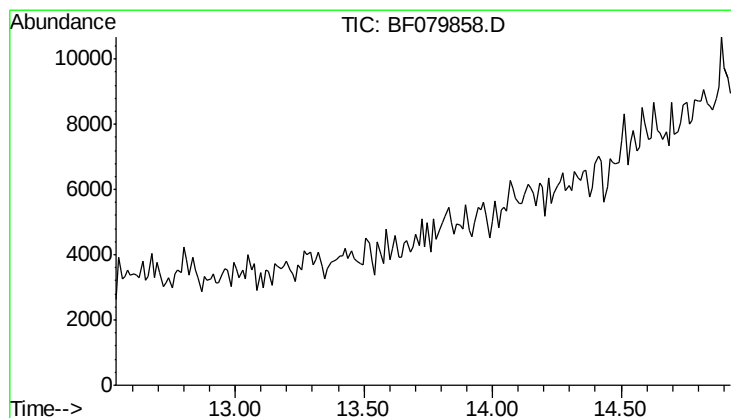
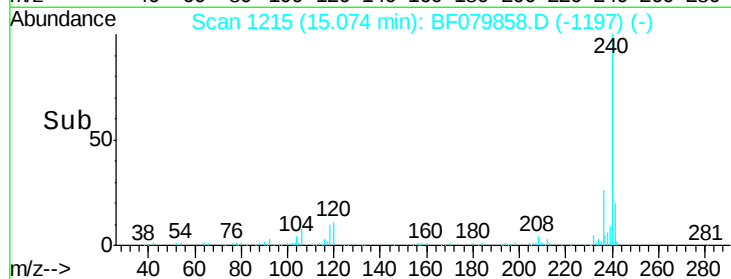
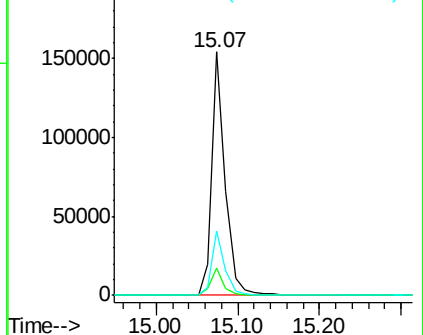
236 26.3 20.2 30.4



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: 0.00 ng

Expected RT: 13.74 min

Lab File: BF079858.D

Acq: 10 Jun 2015 11:56

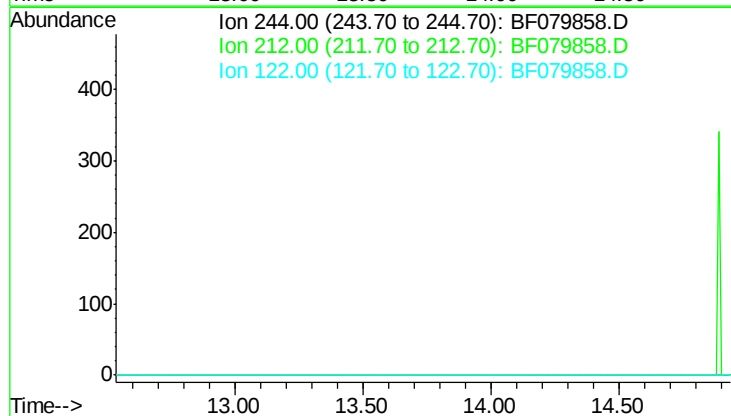
Tgt Ion: 244

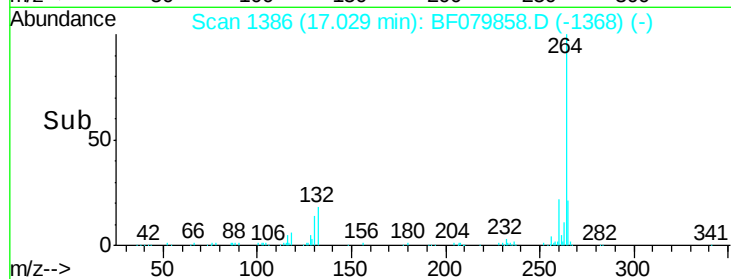
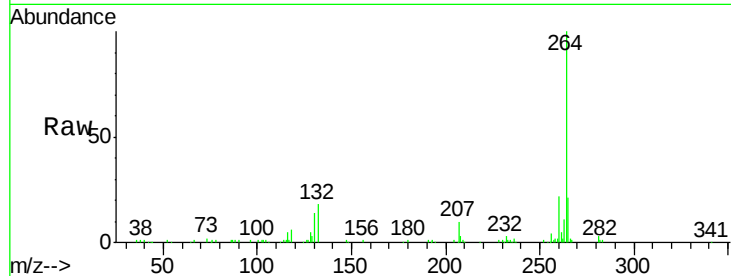
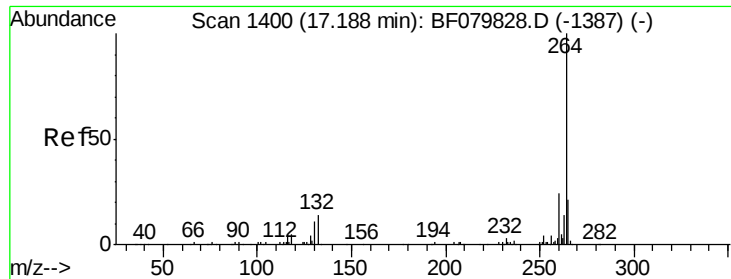
Sig Exp Ratio

244 100

212 7.0

122 10.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.03 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF079858.D

Acq: 10 Jun 2015 11:56

Instrument :

BNA_F

ClientSampleId :

SVOC-GPC-BLANK

Tgt Ion:264 Resp: 167760

Ion Ratio Lower Upper

264 100

260 22.3 19.5 29.3

265 20.9 18.0 27.0

