

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080925.D
 Acq On : 7 Aug 2015 14:18
 Operator : TP/UM
 Sample : G3173-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 01:57:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

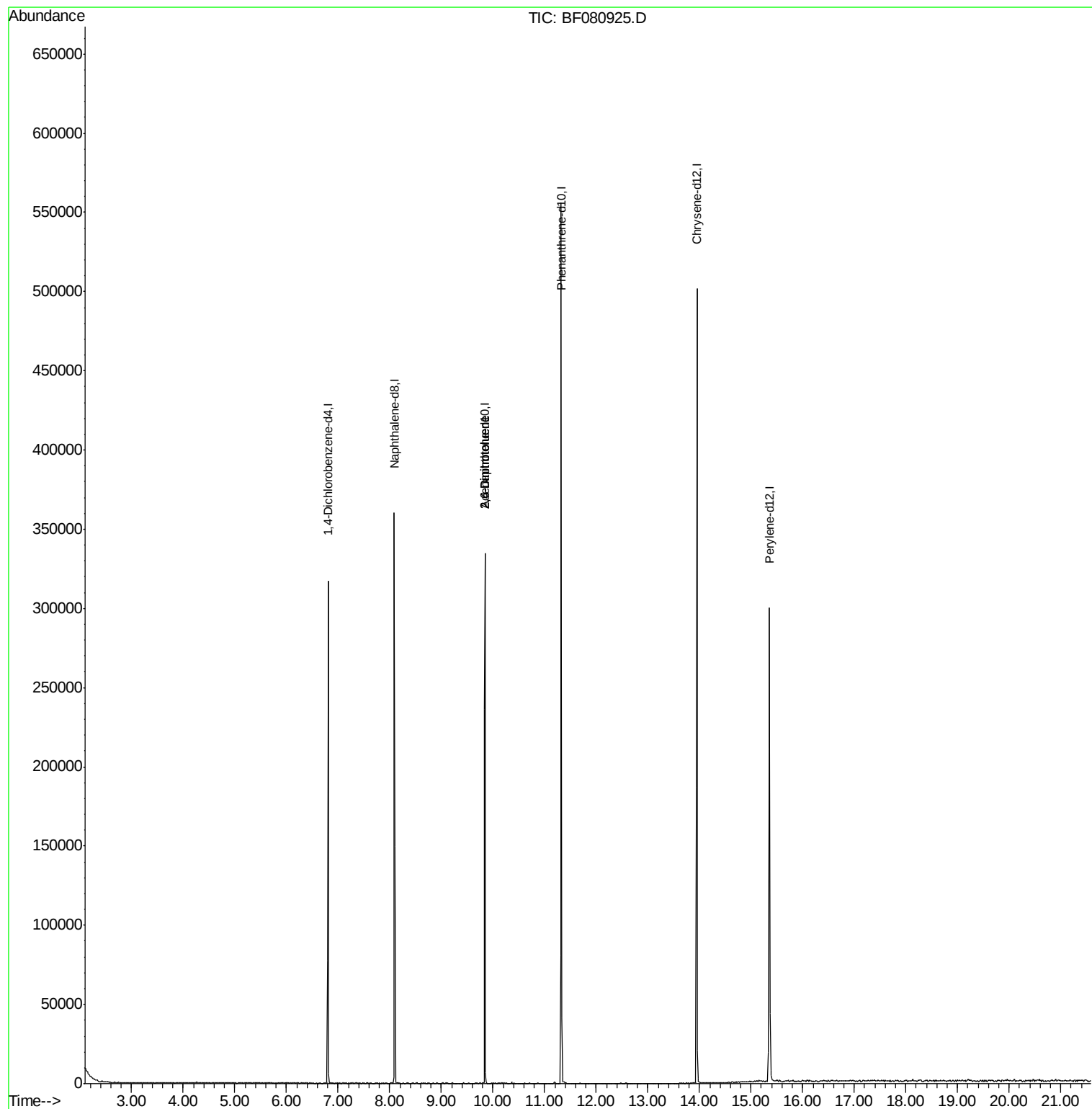
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	44713	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	167318	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	82713	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	194600	20.00	ng	0.00
75) Chrysene-d12	13.95	240	187204	20.00	ng	-0.01
86) Perylene-d12	15.36	264	153994	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						
50) 2,6-Dinitrotoluene	9.85	165	10288	7.25	ng	# 5
56) 2,4-Dinitrotoluene	9.85	165	10288	5.42	ng	# 7

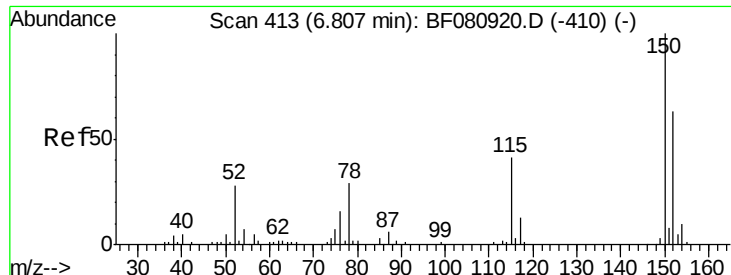
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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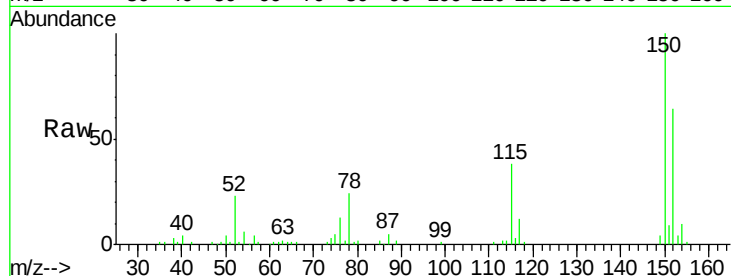


#1

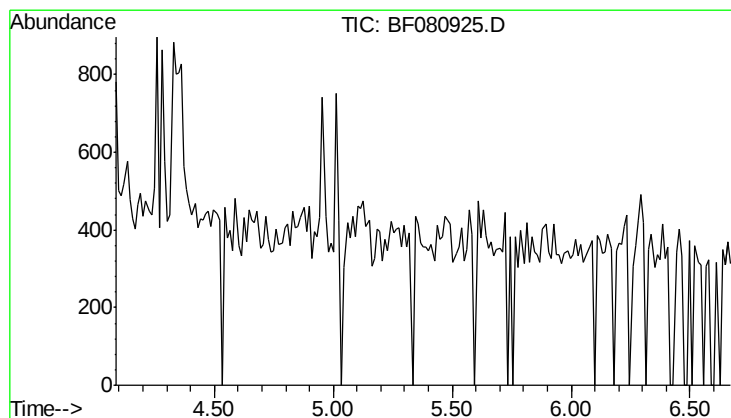
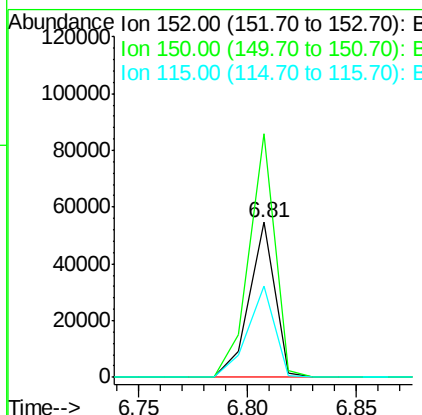
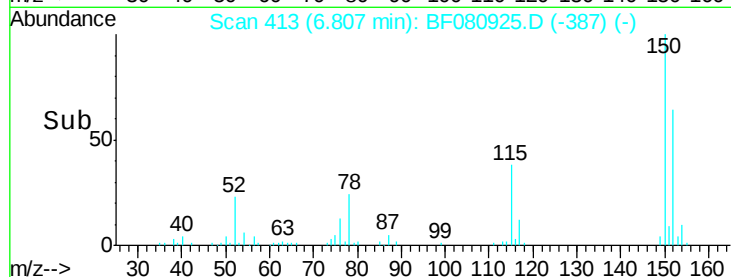
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080925.D
Acq: 7 Aug 2015 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 44713
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.2
115 58.9 52.6 78.8



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

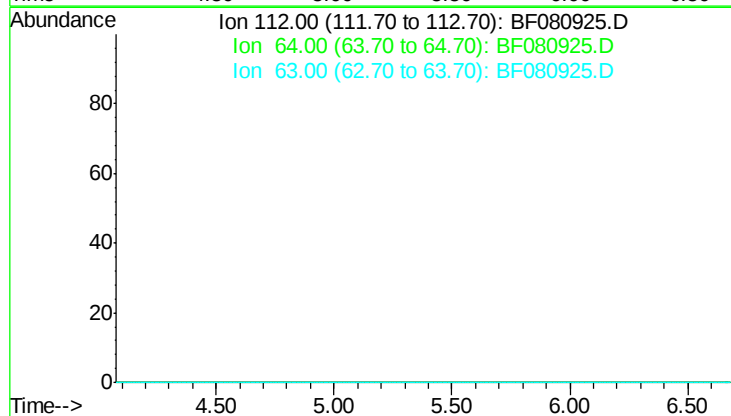


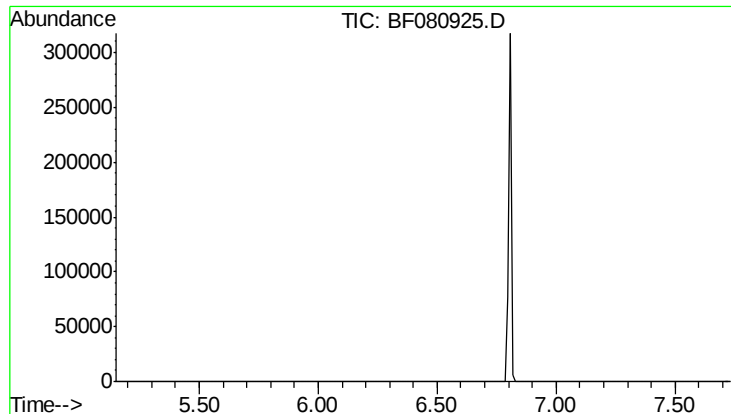
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.38 min

Lab File: BF080925.D
Acq: 7 Aug 2015 14:18

Tgt Ion: 112
Sig Exp Ratio
112 100
64 82.6
63 43.3

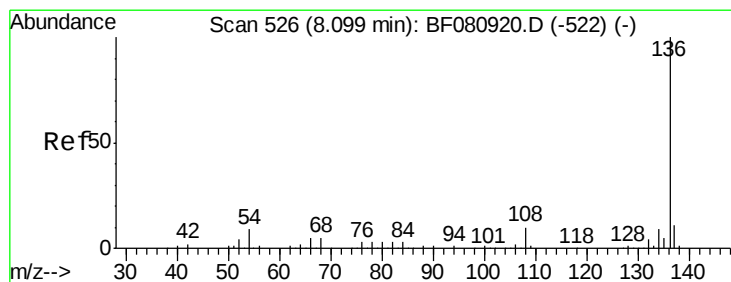
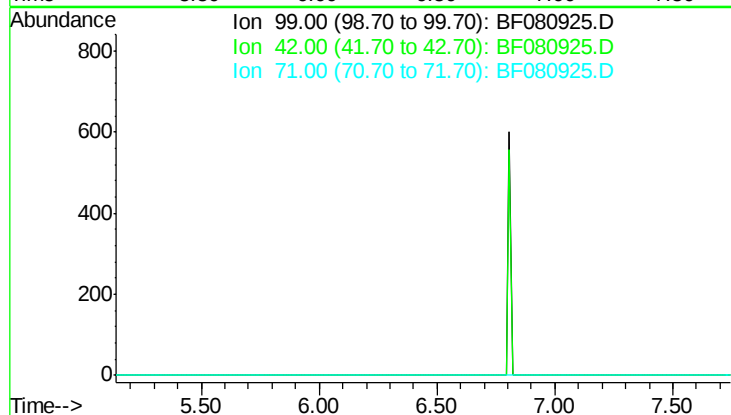




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.44 min
 Lab File: BF080925.D
 Acq: 7 Aug 2015 14:18

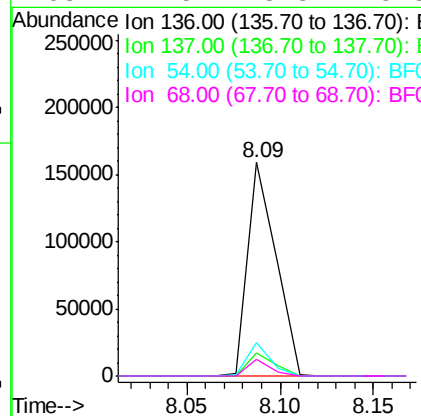
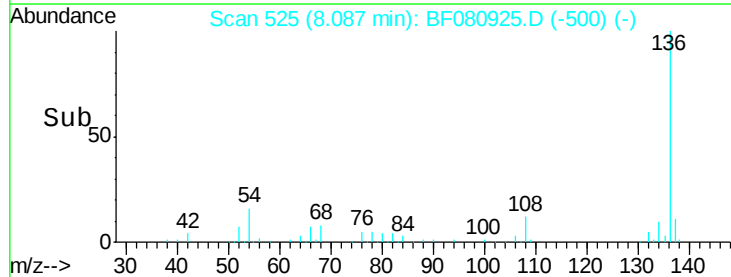
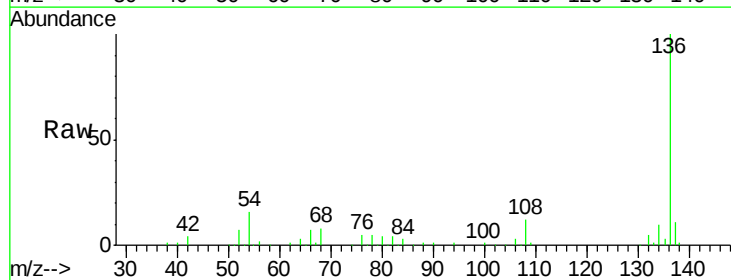
Instrument :
 BNA_F
 ClientSampleId :

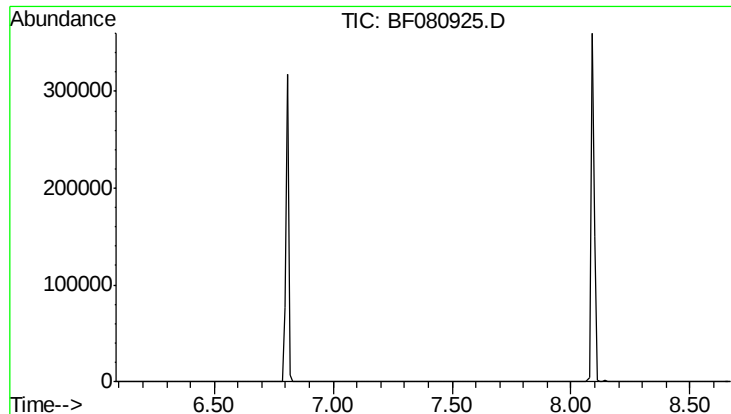
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 18.0
 71 32.3



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF080925.D
 Acq: 7 Aug 2015 14:18

Tgt Ion: 136 Resp: 167318
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.5 12.7
 54 15.7 7.1 10.7#
 68 7.5 3.8 5.8#

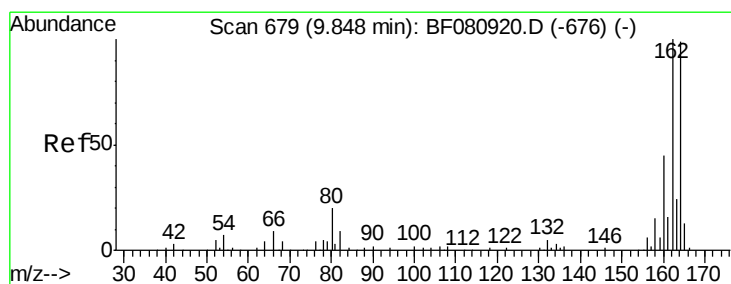
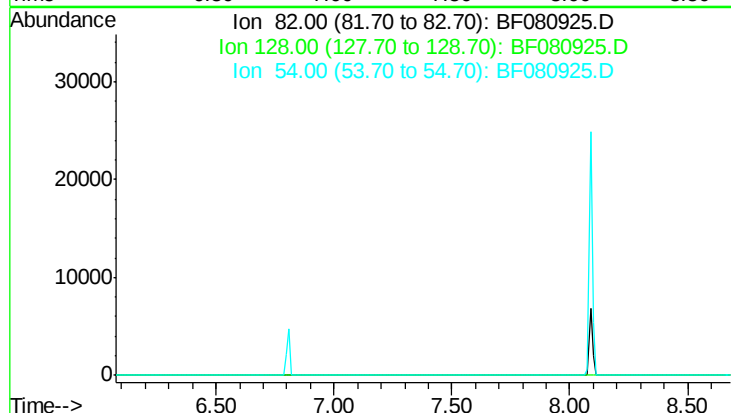




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.38 min
 Lab File: BF080925.D
 Acq: 7 Aug 2015 14:18

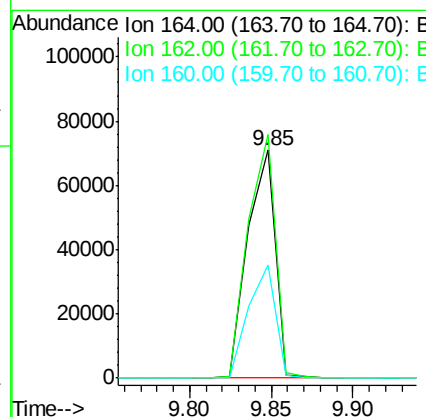
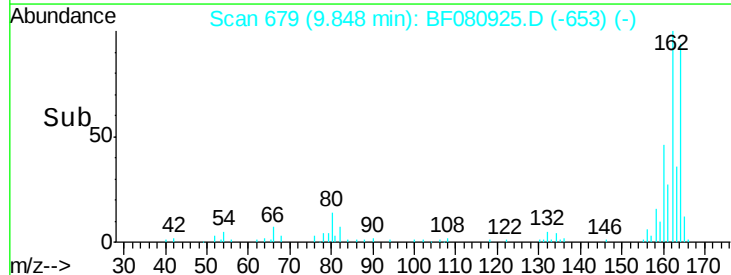
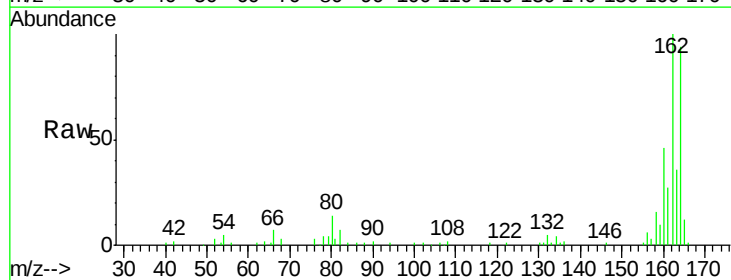
Instrument :
 BNA_F
 ClientSampleId :

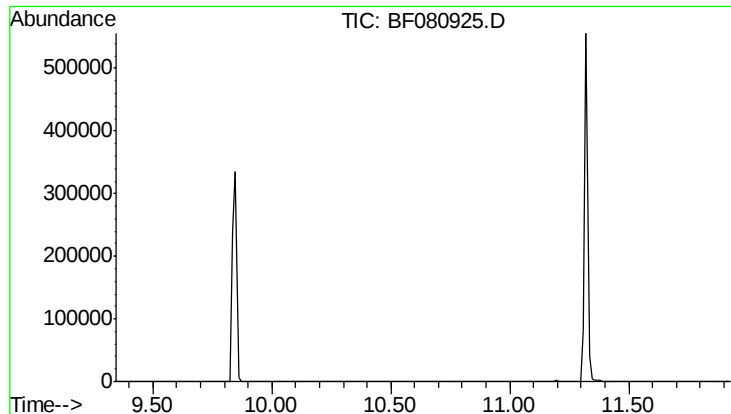
Tot Ion	82
Sig	Exp Ratio
82	100
128	42.6
54	58.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF080925.D
 Acq: 7 Aug 2015 14:18

Tgt Ion	164	Resp	82713
Ion	Ratio	Lower	Upper
164	100		
162	106.8	80.5	120.7
160	49.4	36.6	54.8





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.64 min

Lab File: BF080925.D

Acq: 7 Aug 2015 14:18

Instrument :

BNA_F

ClientSampleId :

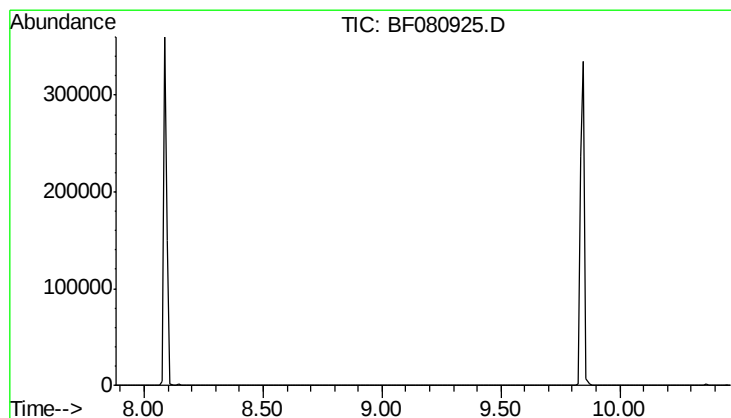
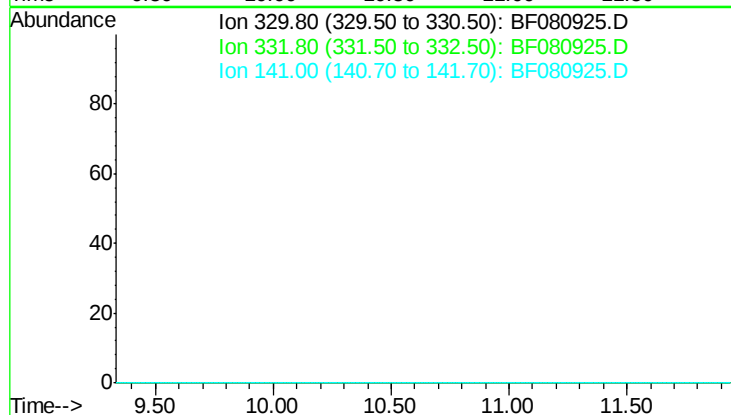
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.3

141 34.8



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.17 min

Lab File: BF080925.D

Acq: 7 Aug 2015 14:18

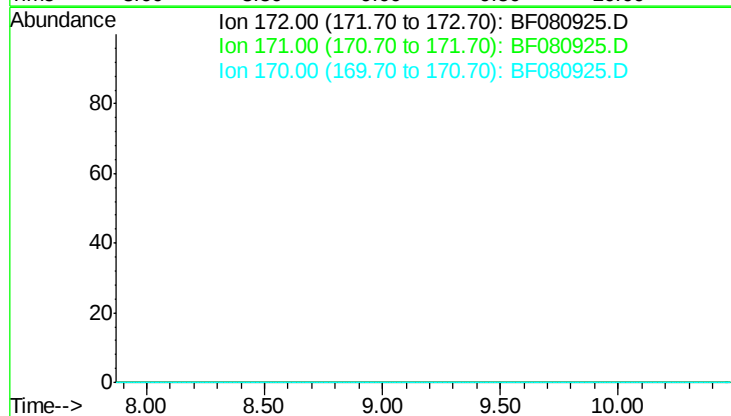
Tgt Ion: 172

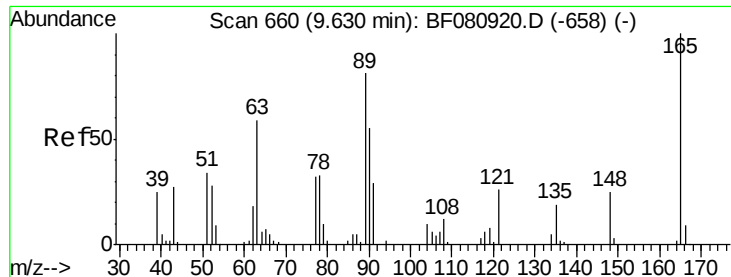
Sig Exp Ratio

172 100

171 36.7

170 24.6

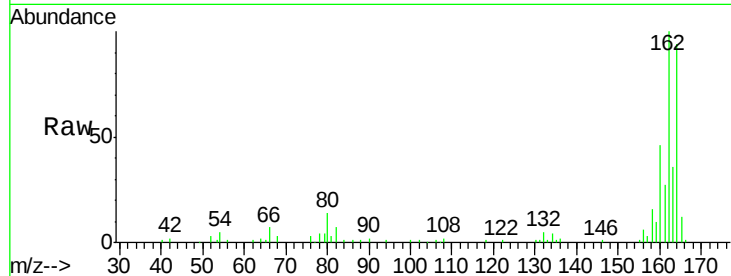




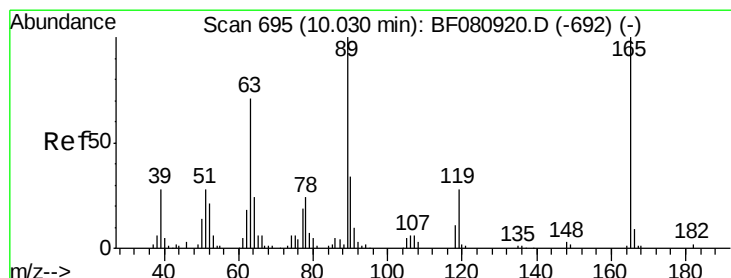
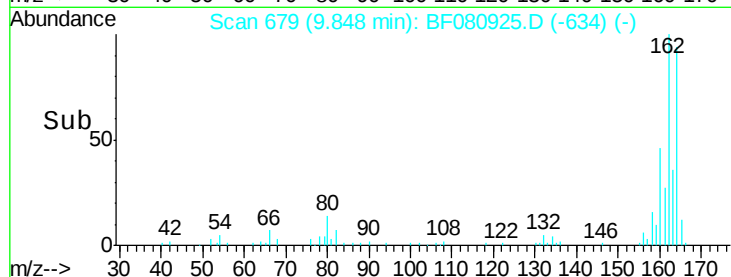
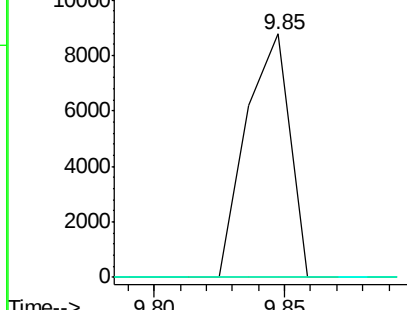
#50
 2,6-Dinitrotoluene
 Concen: 7.25 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.22 min
 Lab File: BF080925.D
 Acq: 7 Aug 2015 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 10288
 Ion Ratio Lower Upper
 165 100
 63 0.0 77.6 116.4#
 89 0.0 64.5 96.7#



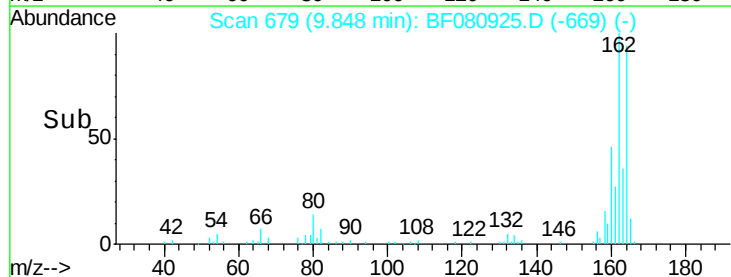
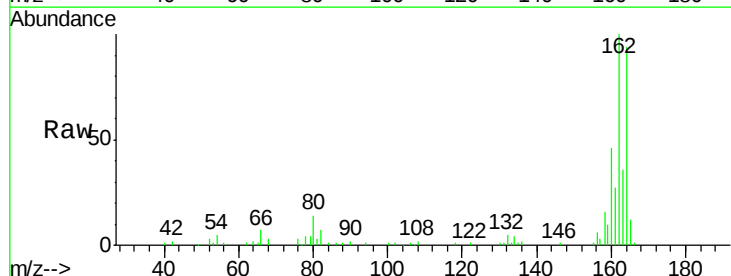
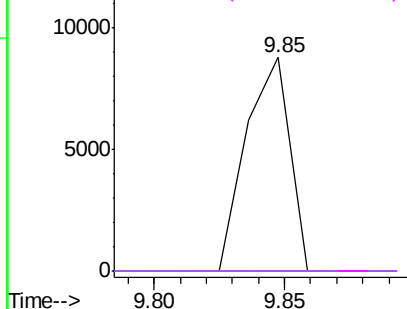
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

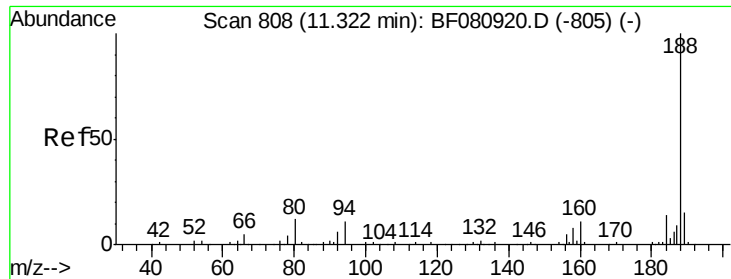


#56
 2,4-Dinitrotoluene
 Concen: 5.42 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.18 min
 Lab File: BF080925.D
 Acq: 7 Aug 2015 14:18

Tgt Ion:165 Resp: 10288
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.7 85.1#
 89 0.0 80.4 120.6#
 182 0.0 1.5 2.3#

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

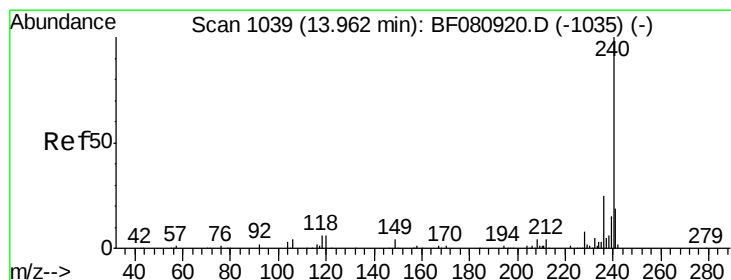
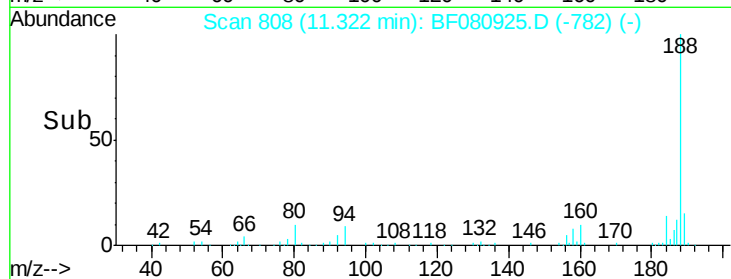
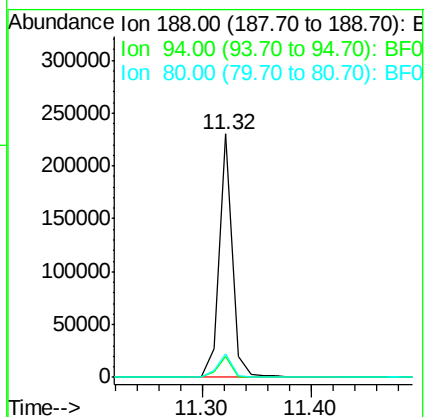
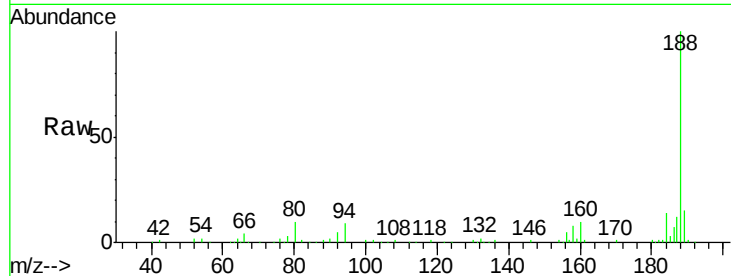




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF080925.D
 Acq: 7 Aug 2015 14:18

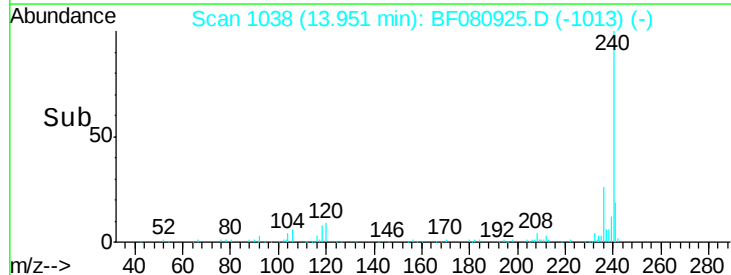
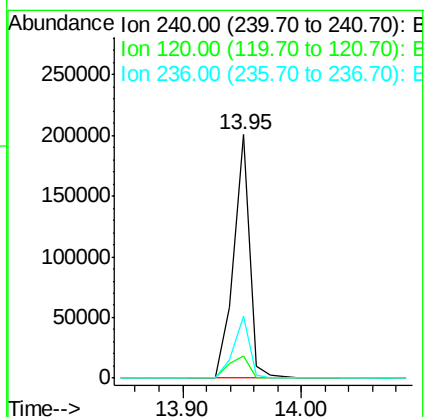
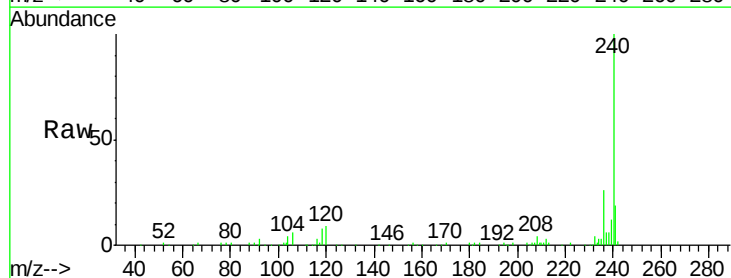
Instrument :
 BNA_F
 ClientSampleId :

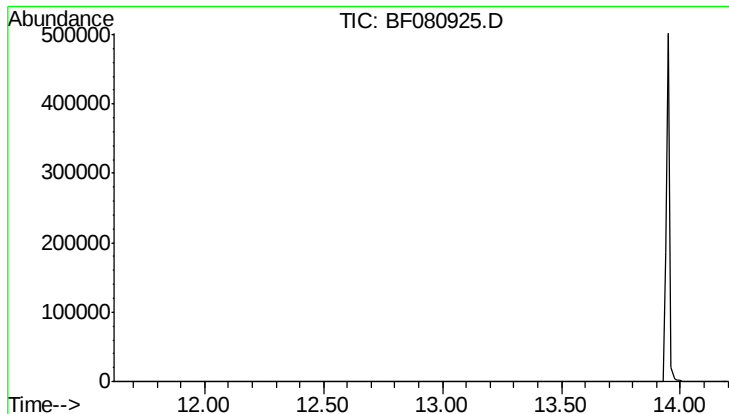
Tot Ion	188	Resp	194600
Ion Ratio	100	Lower	Upper
94	8.8	8.8	13.2#
80	9.7	9.5	14.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF080925.D
 Acq: 7 Aug 2015 14:18

Tgt Ion	240	Resp	187204
Ion Ratio	100	Lower	Upper
120	8.9	5.2	7.8#
236	25.6	20.2	30.4





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 12.91 min

Lab File: BF080925.D

Acq: 7 Aug 2015 14:18

Instrument :

BNA_F

ClientSampleId :

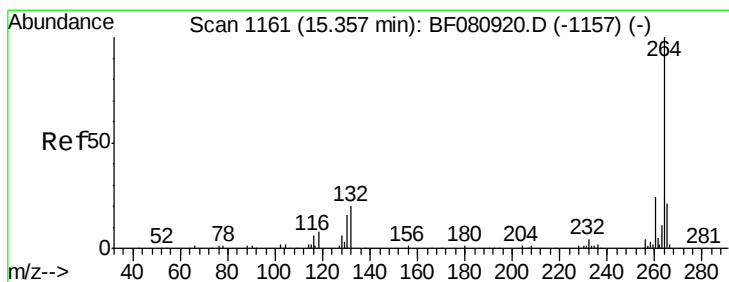
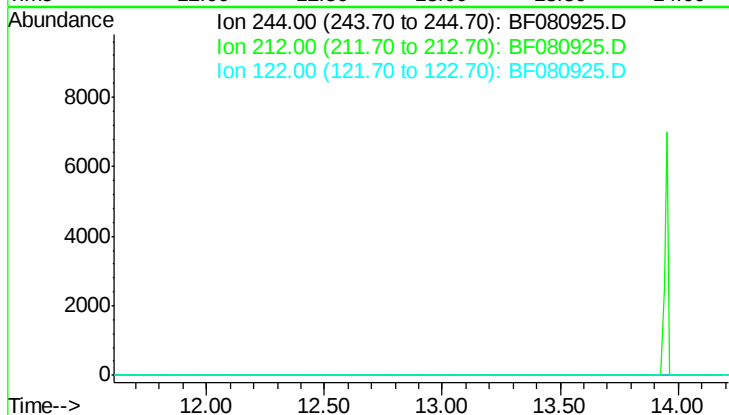
Tot Ion: 244

Sig Exp Ratio

244 100

212 7.3

122 11.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF080925.D

Acq: 7 Aug 2015 14:18

Tgt Ion: 264 Resp: 153994

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.0

265 21.6 17.0 25.4

