

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080905.D
 Acq On : 7 Aug 2015 00:38
 Operator : TP/UM
 Sample : G3196-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Aug 07 05:22:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

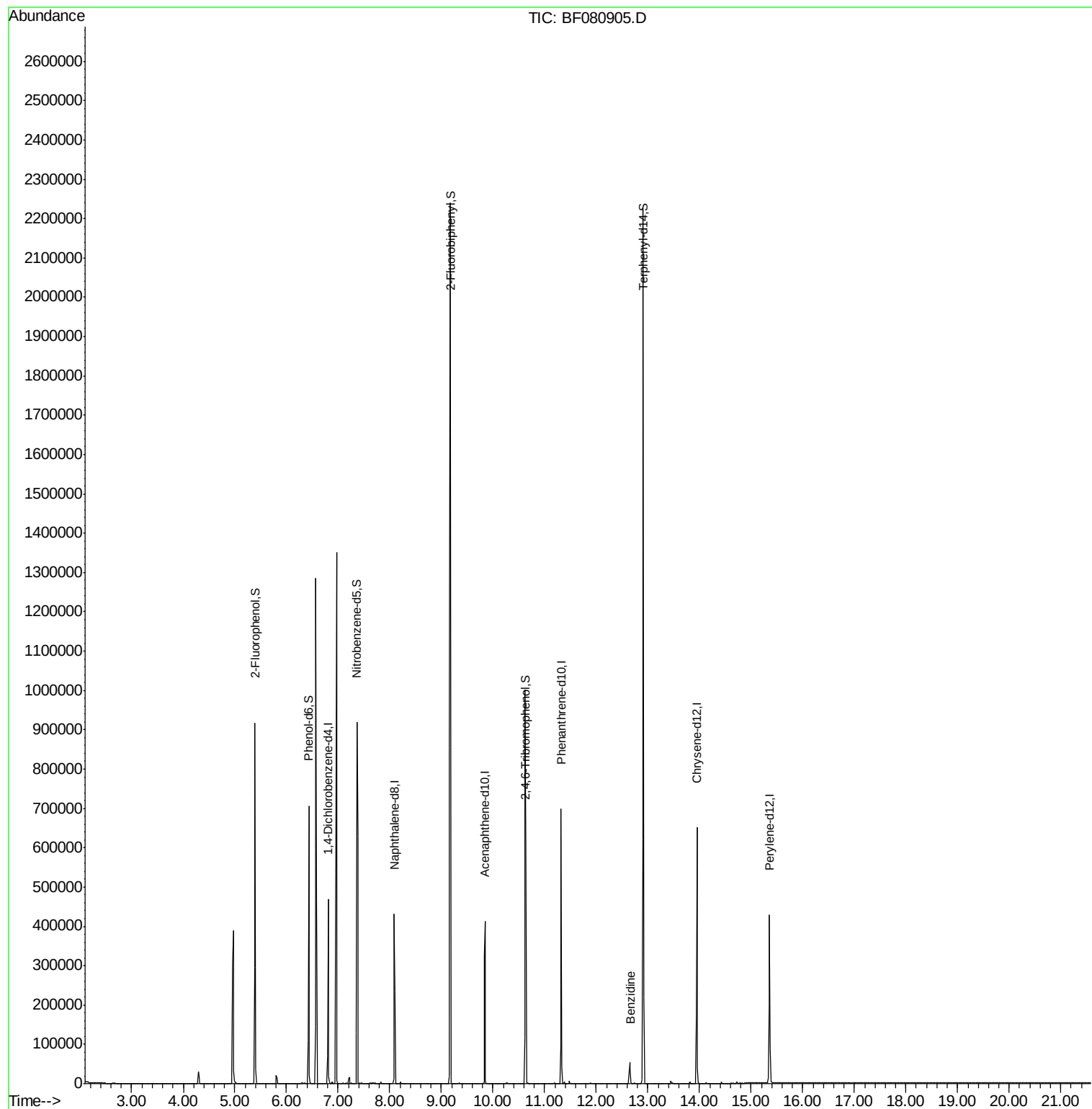
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	62296	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	220626	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	108034	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	235338	20.00	ng	0.00
75) Chrysene-d12	13.95	240	219718	20.00	ng	-0.01
86) Perylene-d12	15.36	264	192965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	221275	56.62	ng	0.00
7) Phenol-d6	6.43	99	197720	36.75	ng	-0.01
23) Nitrobenzene-d5	7.37	82	385830	82.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	152753	131.64	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	706101	93.16	ng	0.00
78) Terphenyl-d14	12.91	244	688367	66.05	ng	0.00
Target Compounds						
76) Benzidine	12.66	184	30525	3.40	ng	Qvalue 98

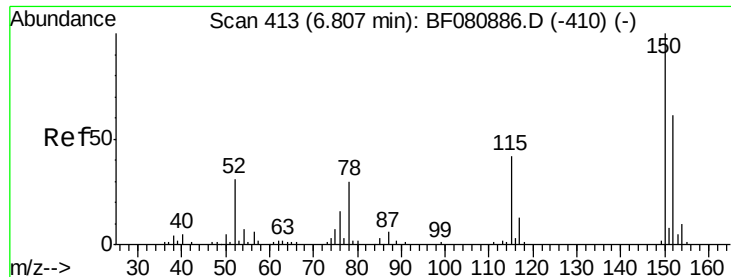
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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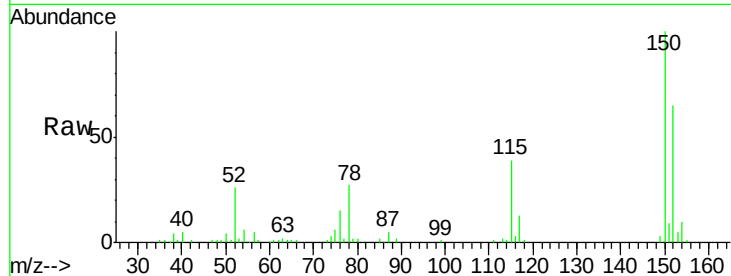


#1

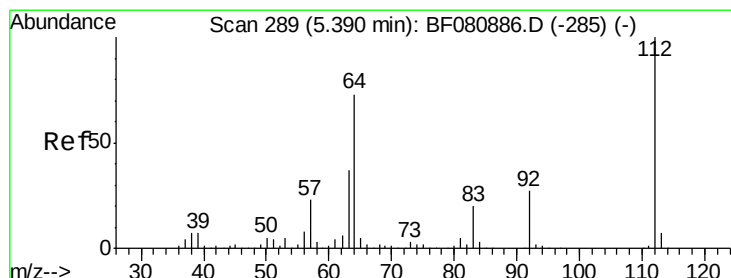
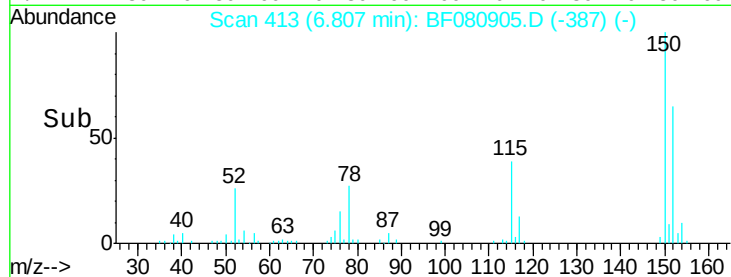
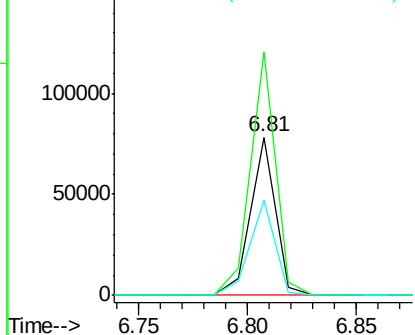
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080905.D
Acq: 7 Aug 2015 00:38

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:152 Resp: 62296
Ion Ratio Lower Upper
152 100
150 154.1 132.2 198.2
115 60.3 54.9 82.3



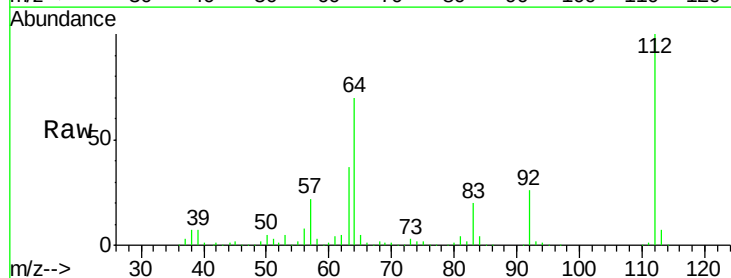
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



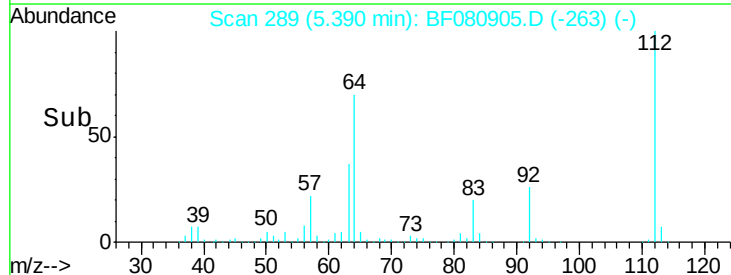
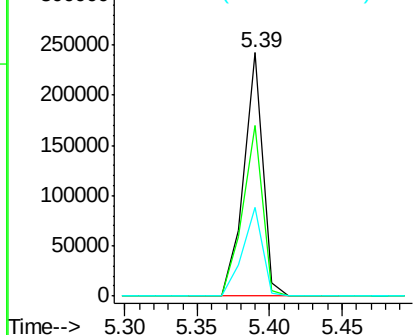
#5

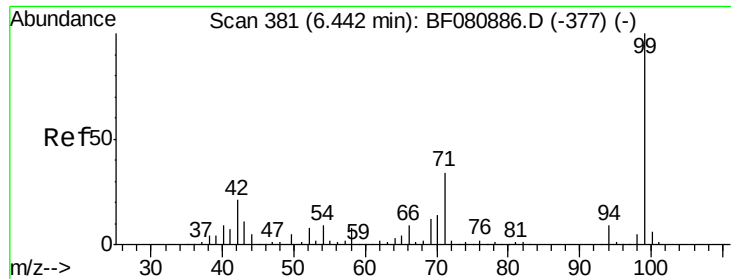
2-Fluorophenol
Concen: 56.62 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF080905.D
Acq: 7 Aug 2015 00:38

Tgt Ion:112 Resp: 221275
Ion Ratio Lower Upper
112 100
64 70.2 58.0 87.0
63 36.7 29.8 44.8



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: 36.75 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

Instrument :

BNA_F

ClientSampleId :

FB

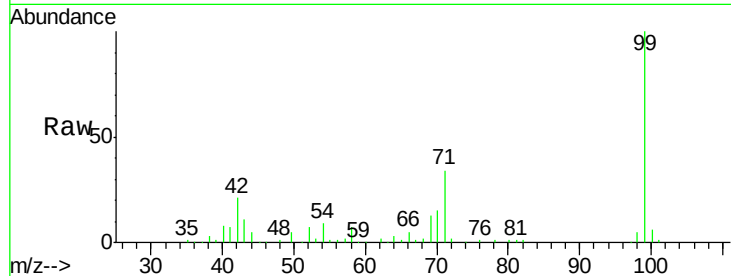
Tot Ion: 99 Resp: 197720

Ion Ratio Lower Upper

99 100

42 20.8 16.8 25.2

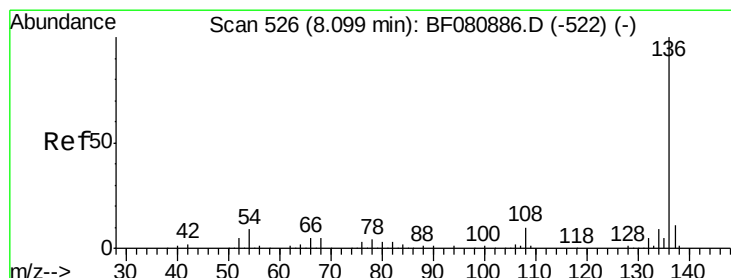
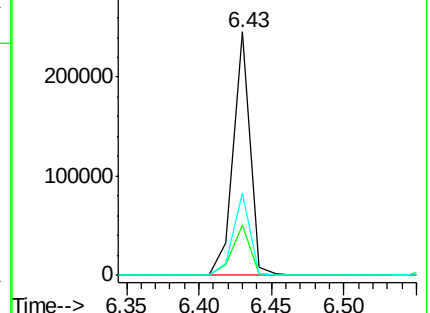
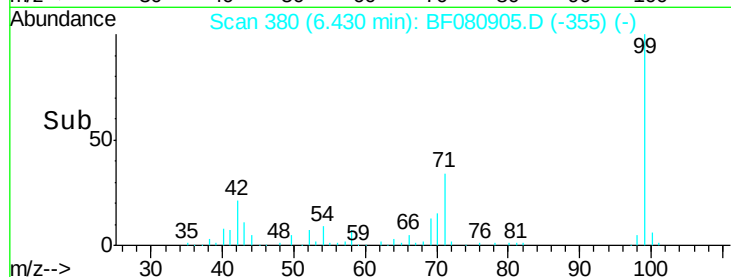
71 33.9 27.4 41.0



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: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

Tgt Ion: 136 Resp: 220626

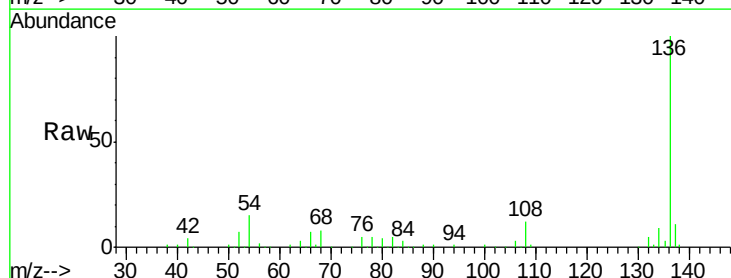
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 14.6 7.5 11.3#

68 7.7 4.2 6.2#

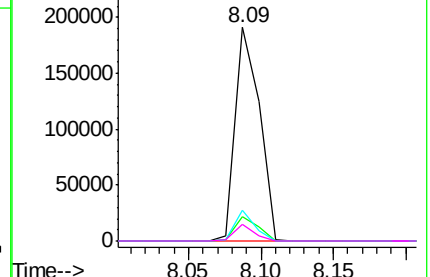
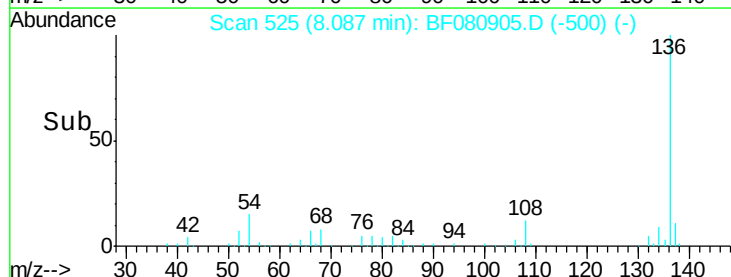


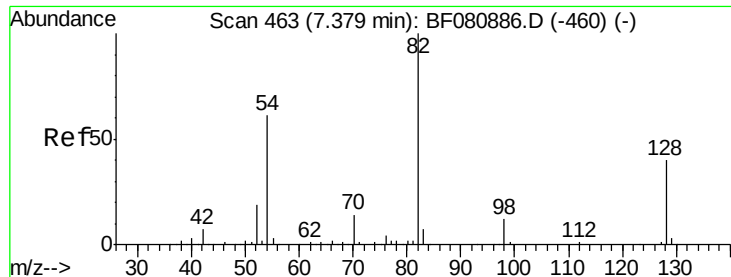
Abundance Ion 136.00 (135.70 to 136.70): E

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

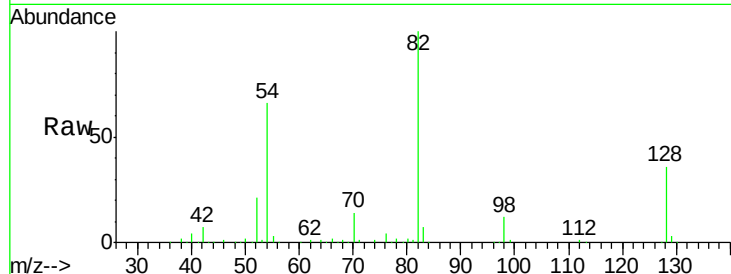




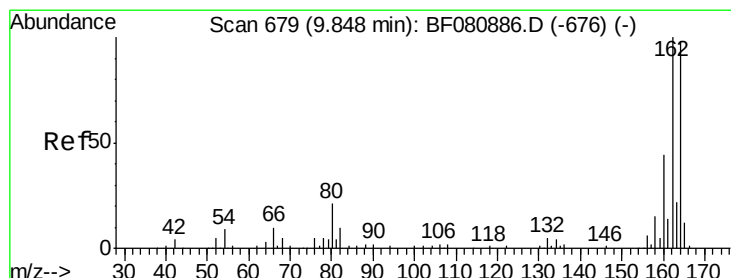
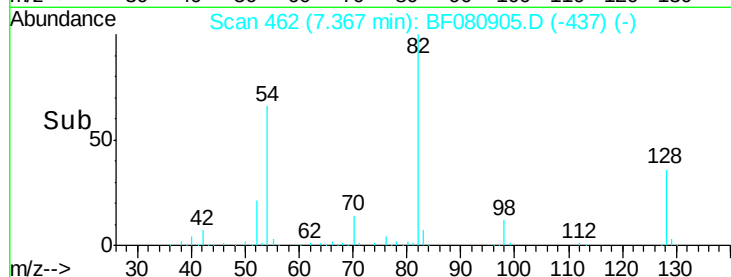
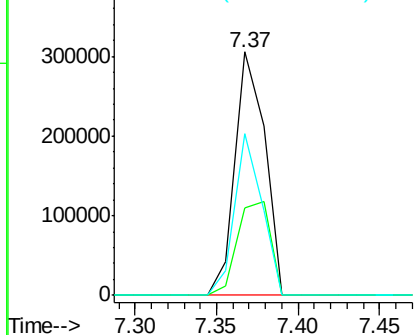
#23
 Nitrobenzene-d5
 Concen: 82.38 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Instrument :
 BNA_F
 ClientSampled :
 FB

Tot Ion	82	Resp	385830
Ion Ratio	Lower	Upper	
82	100		
128	36.0	31.8	47.6
54	66.2	48.6	72.8

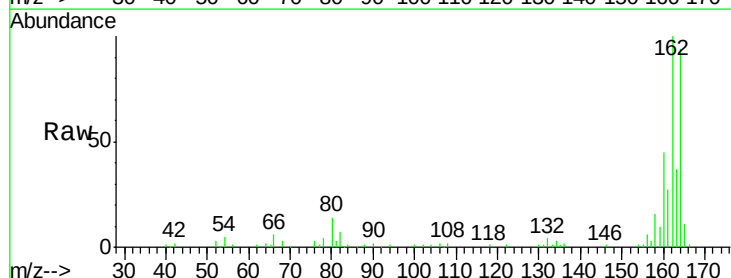


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

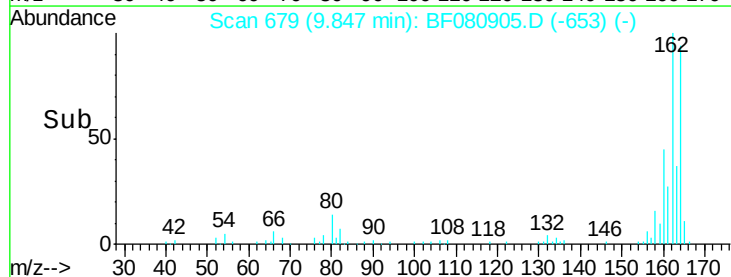
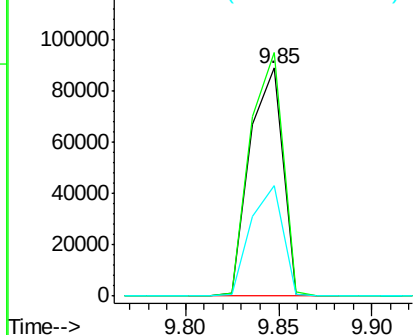


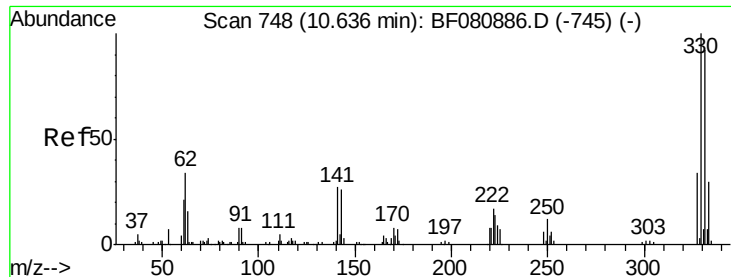
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Tgt Ion	164	Resp	108034
Ion Ratio	Lower	Upper	
164	100		
162	106.9	81.5	122.3
160	48.6	35.9	53.9



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

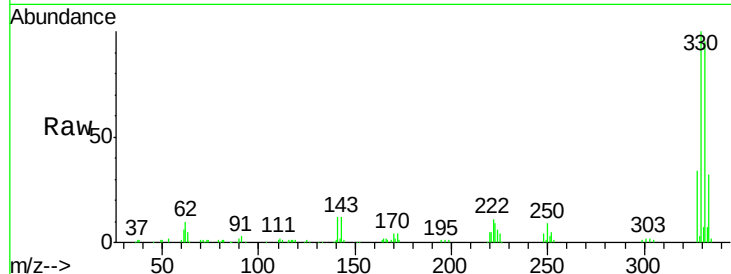




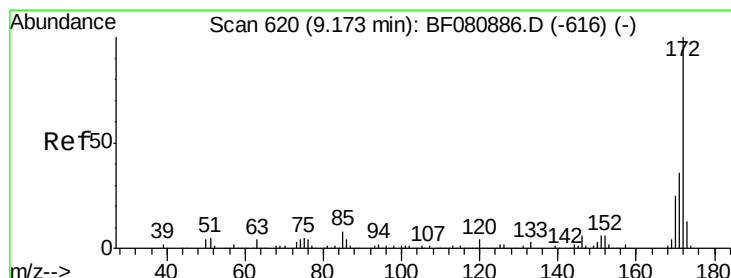
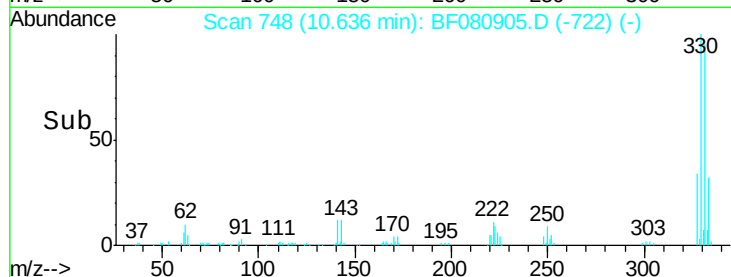
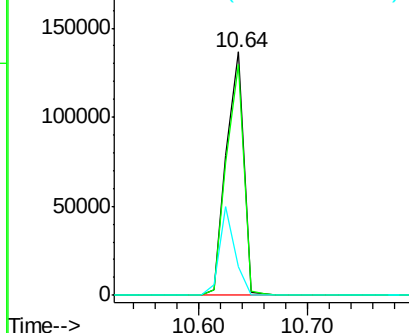
#41
 2,4,6-Tribromophenol
 Concen: 131.64 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	74.1	111.1
141	32.7	30.1	45.1

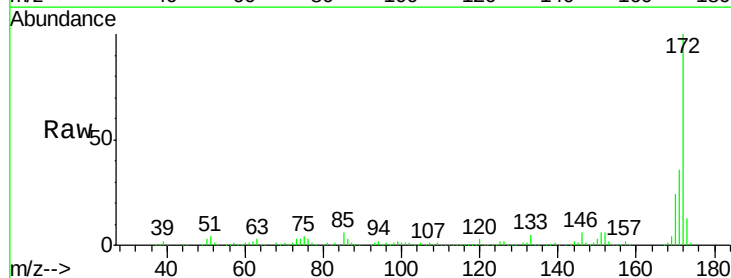


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

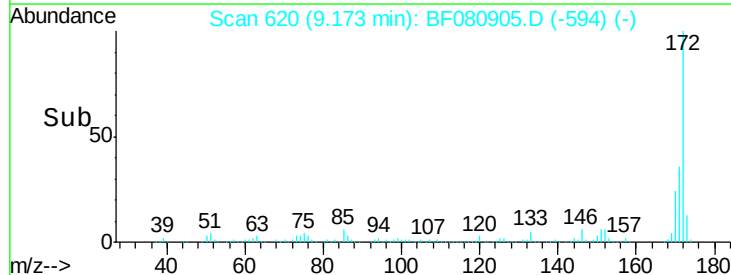
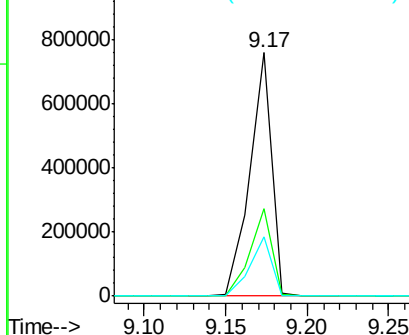


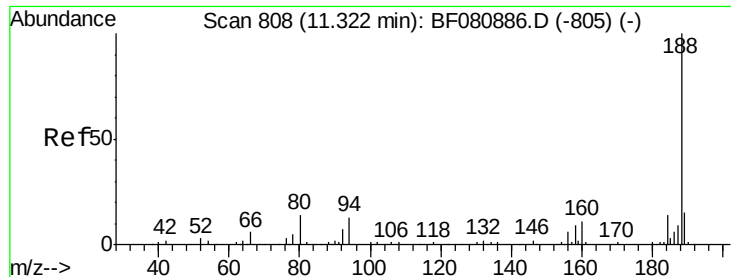
#44
 2-Fluorobiphenyl
 Concen: 93.16 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080905.D
 Acq: 7 Aug 2015 00:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.4	19.9	29.9



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

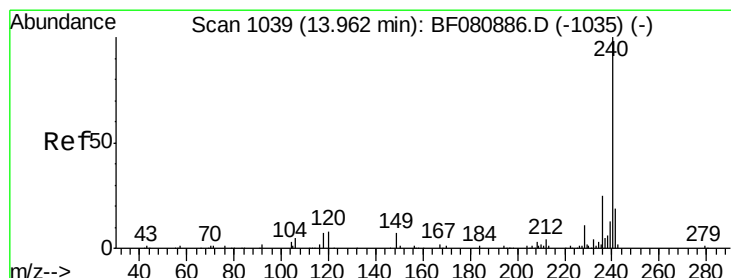
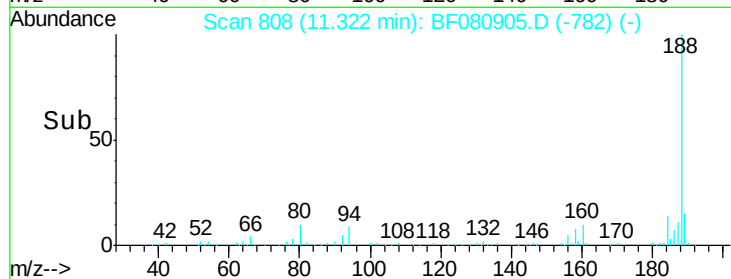
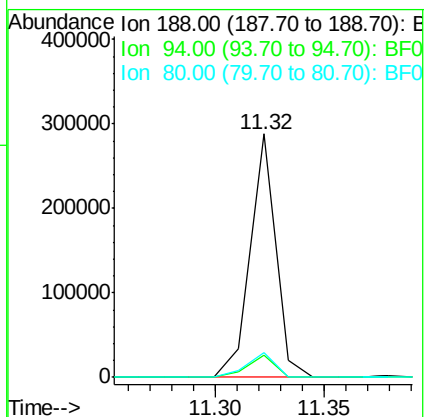
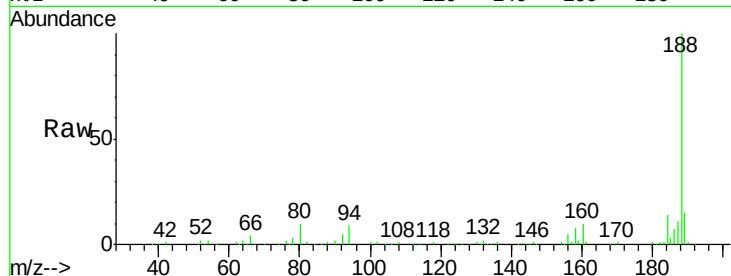




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080905.D
Acq: 7 Aug 2015 00:38

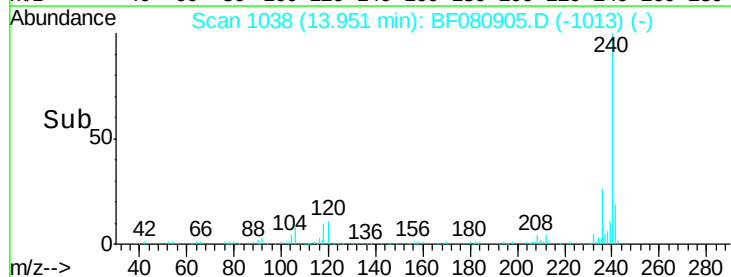
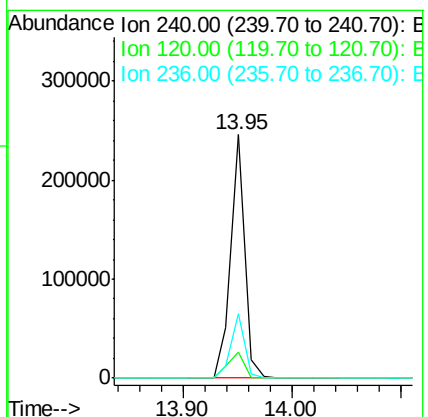
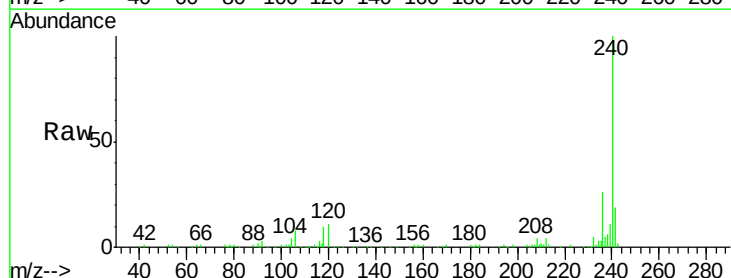
Instrument :
BNA_F
ClientSampleId :
FB

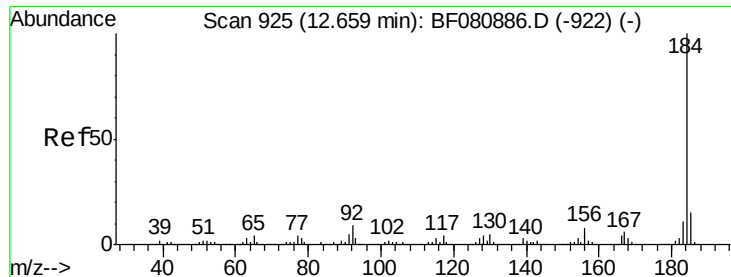
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	10.2	15.2#
80	10.0	11.4	17.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080905.D
Acq: 7 Aug 2015 00:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	6.4	9.6#
236	26.3	20.2	30.4





#76

Benzidine

Concen: 3.40 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

Instrument :

BNA_F

ClientSampleId :

FB

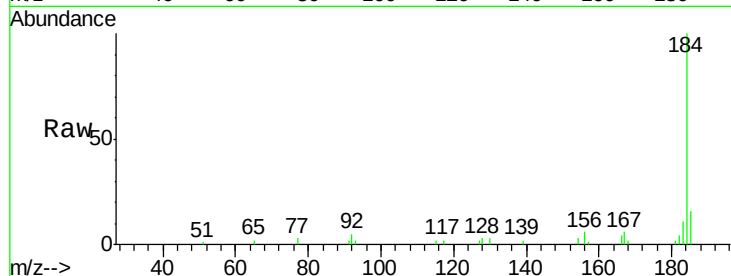
Tot Ion:184 Resp: 30525

Ion Ratio Lower Upper

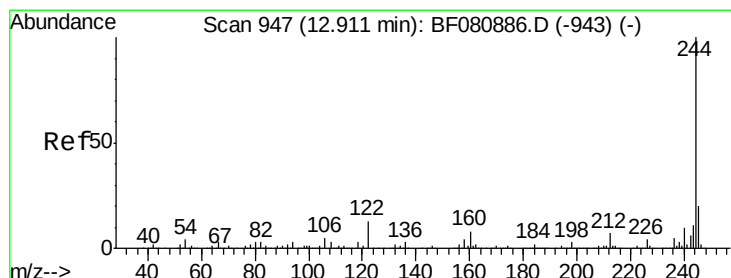
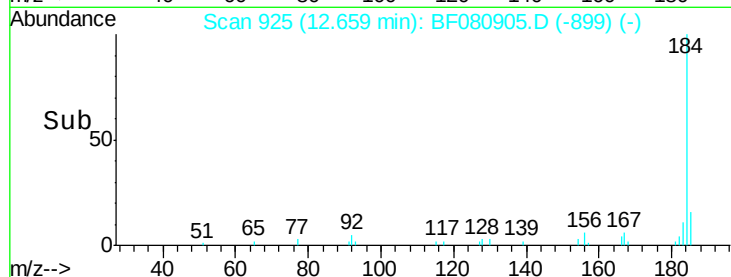
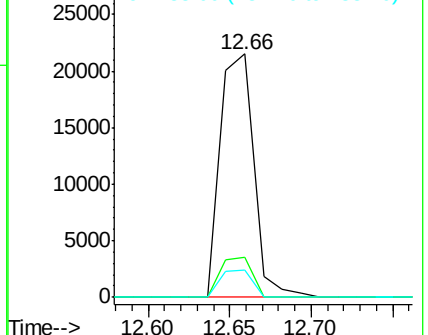
184 100

185 16.4 12.4 18.6

183 11.4 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 66.05 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF080905.D

Acq: 7 Aug 2015 00:38

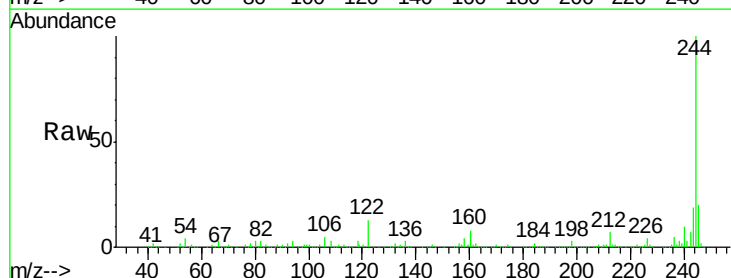
Tgt Ion:244 Resp: 688367

Ion Ratio Lower Upper

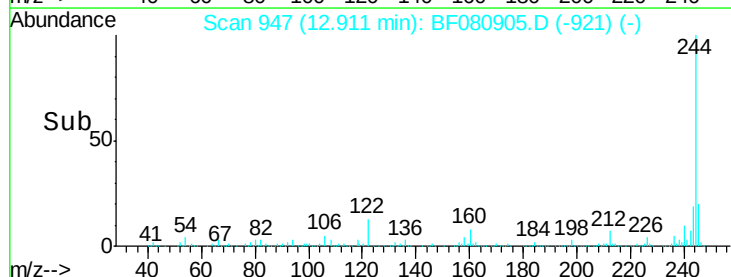
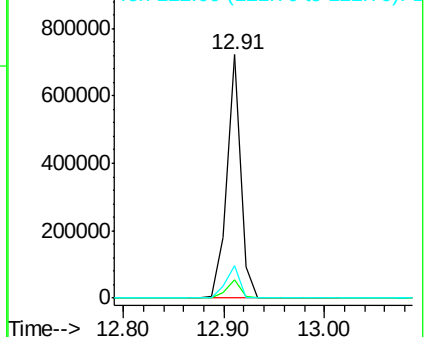
244 100

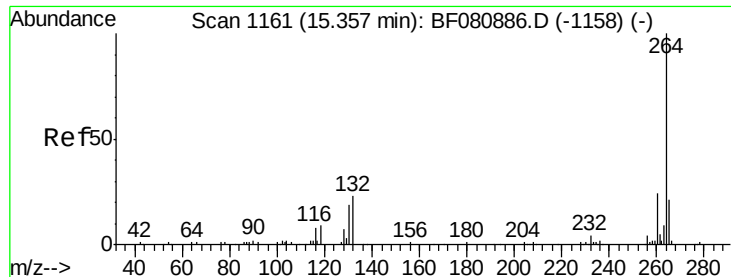
212 7.4 5.9 8.9

122 13.5 10.6 16.0



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

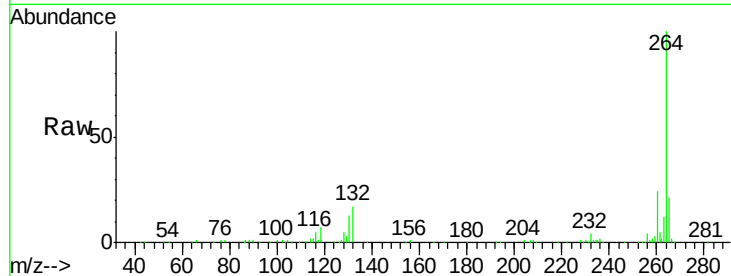




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080905.D
Acq: 7 Aug 2015 00:38

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	20.8	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

