

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080912.D
 Acq On : 7 Aug 2015 4:13
 Operator : TP/UM
 Sample : PB84869BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84869BL

Quant Time: Aug 07 05:51:49 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	77525	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	292696	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	154947	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	317833	20.00	ng	0.00
75) Chrysene-d12	13.95	240	279483	20.00	ng	-0.01
86) Perylene-d12	15.36	264	235153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	50076	10.30	ng	-0.01
7) Phenol-d6	6.43	99	62746	9.37	ng	-0.01
23) Nitrobenzene-d5	7.37	82	41418	6.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	15111	9.08	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	71601	6.59	ng	-0.01
78) Terphenyl-d14	12.90	244	83538	6.30	ng	-0.01

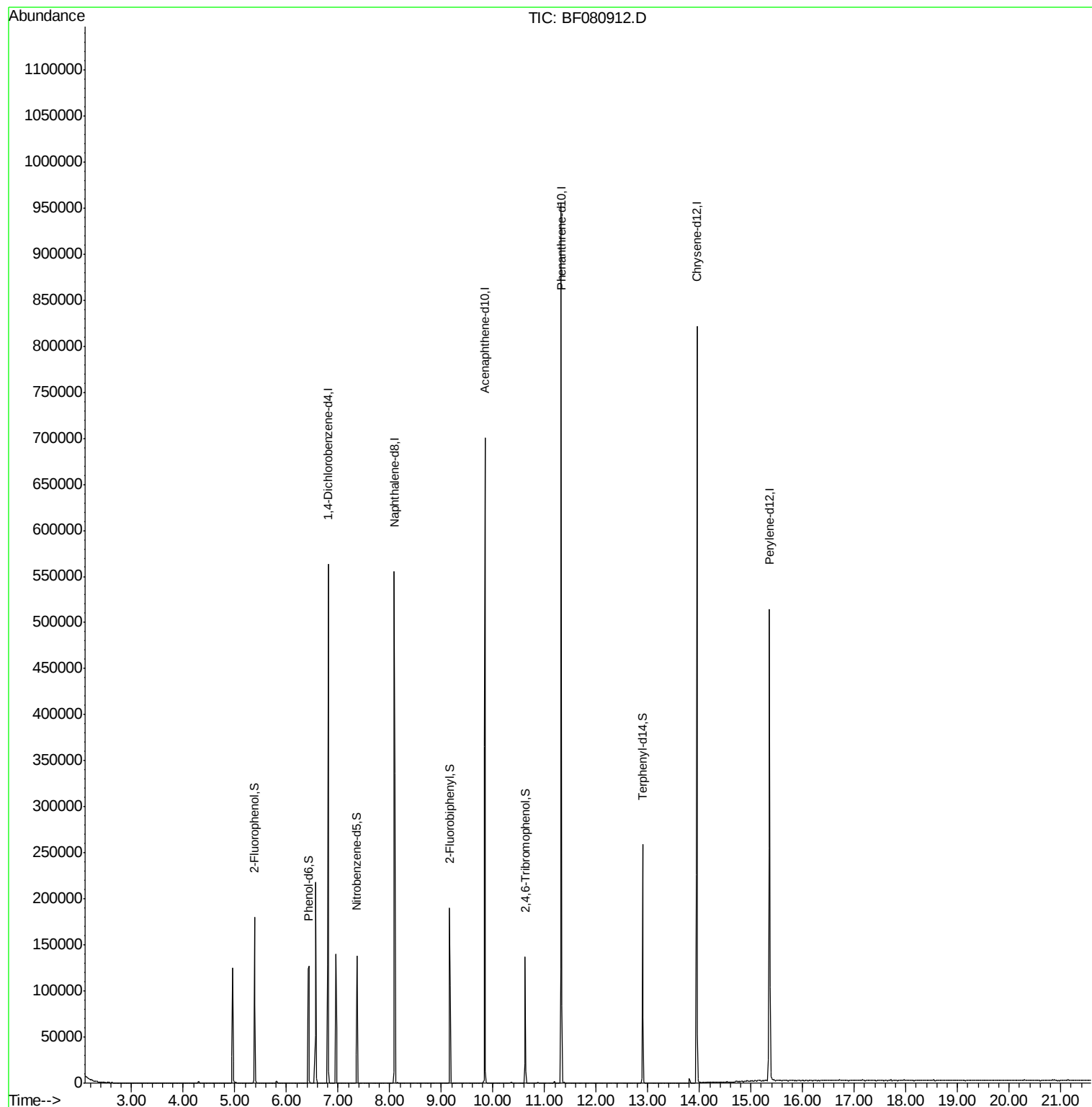
Target Compounds Qvalue

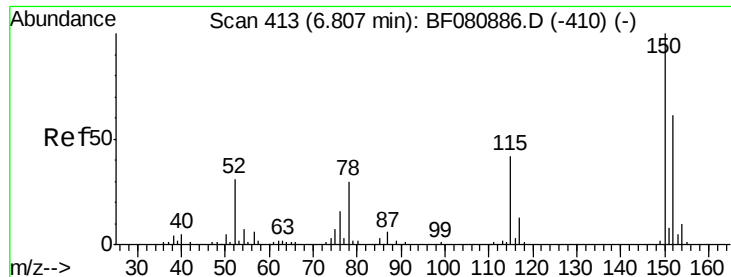
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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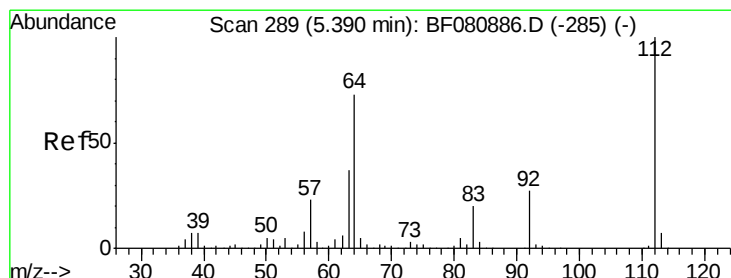
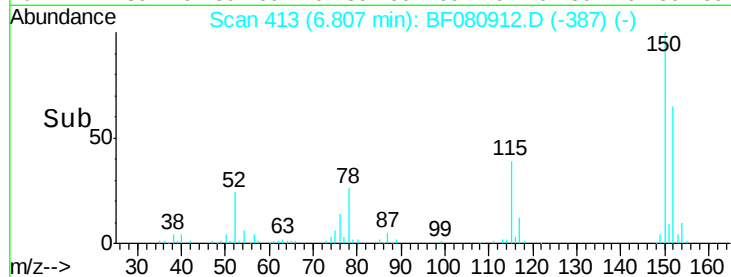
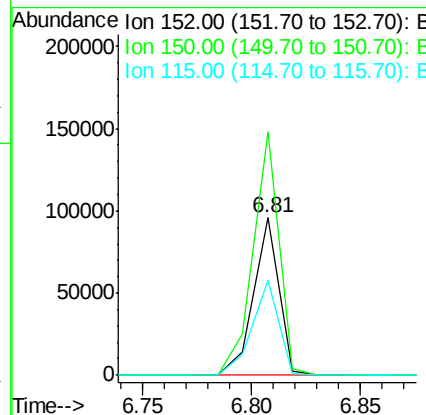
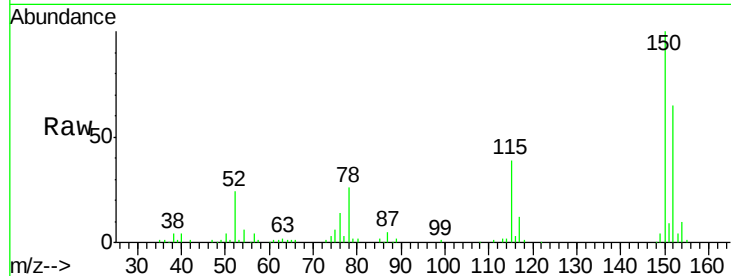


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080912.D
Acq: 7 Aug 2015 4:13

Instrument :
BNA_F
ClientSampleId :
PB84869BL

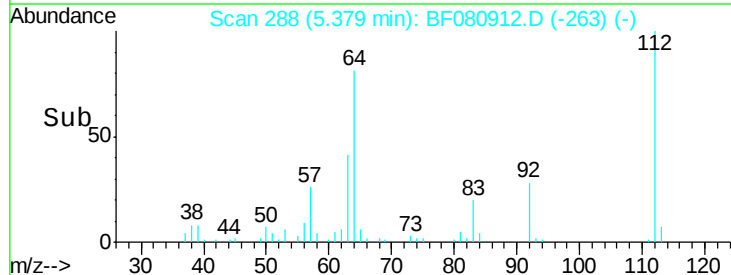
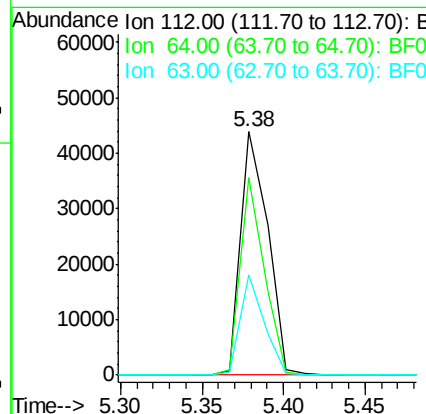
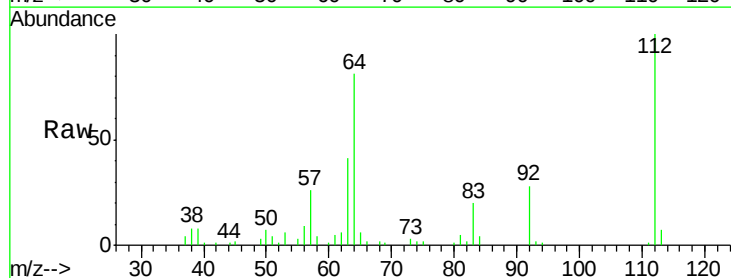
Tot Ion:152 Resp: 77525
Ion Ratio Lower Upper
152 100
150 154.7 132.2 198.2
115 60.6 54.9 82.3

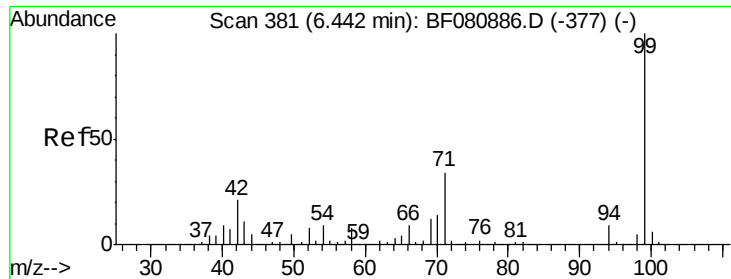


#5

2-Fluorophenol
Concen: 10.30 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.01 min
Lab File: BF080912.D
Acq: 7 Aug 2015 4:13

Tgt Ion:112 Resp: 50076
Ion Ratio Lower Upper
112 100
64 81.0 58.0 87.0
63 41.0 29.8 44.8





#7

Phenol-d6

Concen: 9.37 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080912.D

Acq: 7 Aug 2015 4:13

Instrument :

BNA_F

ClientSampleId :

PB84869BL

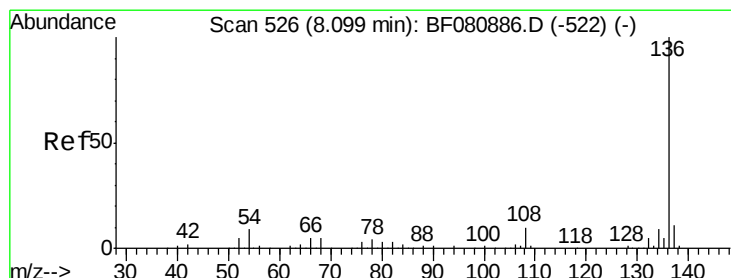
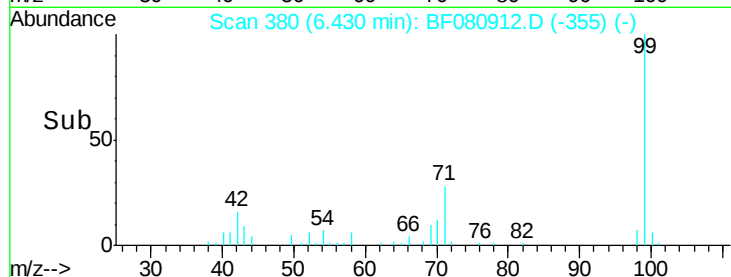
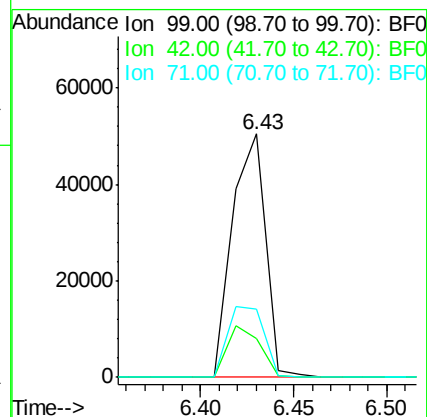
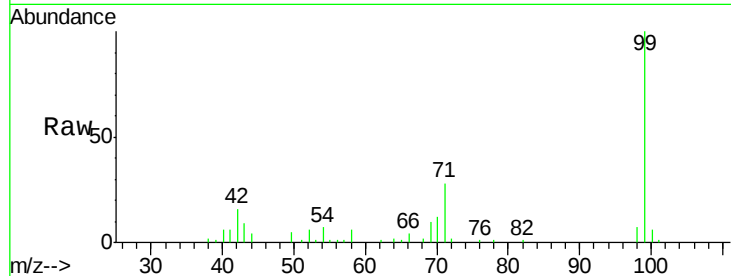
Tot Ion: 99 Resp: 62746

Ion Ratio Lower Upper

99 100

42 15.8 16.8 25.2#

71 27.8 27.4 41.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080912.D

Acq: 7 Aug 2015 4:13

Tgt Ion: 136 Resp: 292696

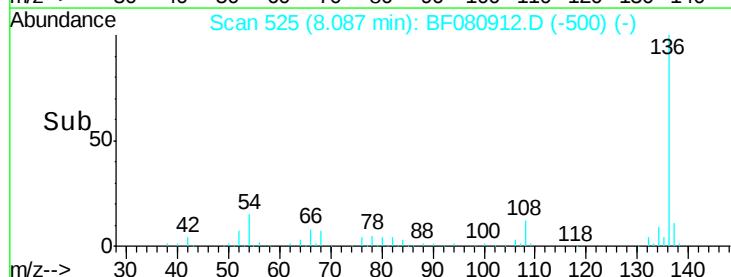
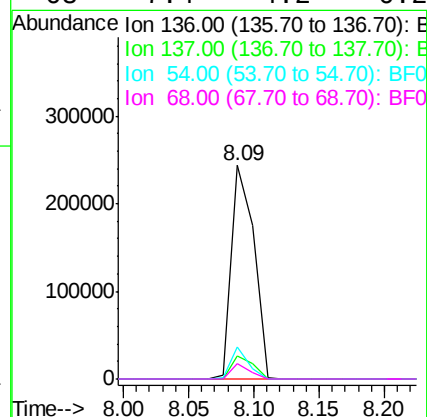
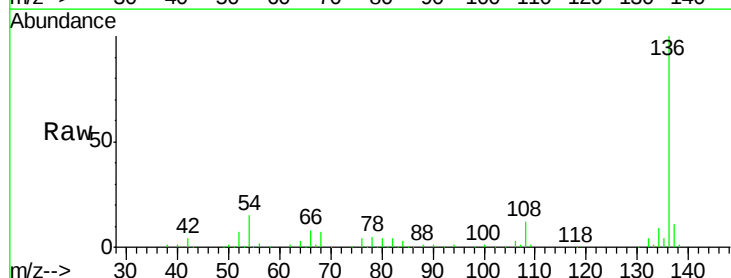
Ion Ratio Lower Upper

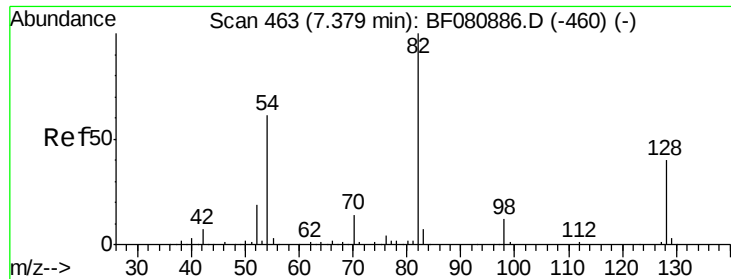
136 100

137 11.0 8.6 12.8

54 15.0 7.5 11.3#

68 7.4 4.2 6.2#

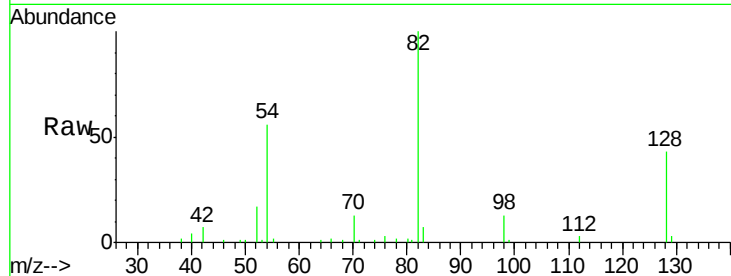




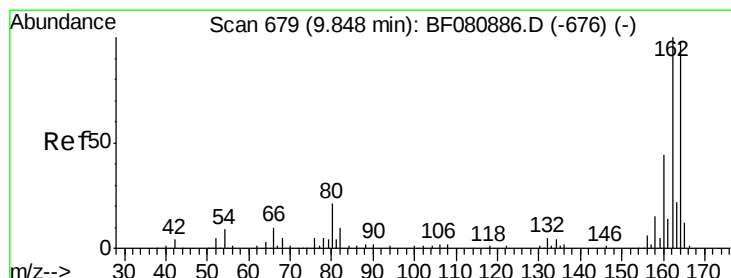
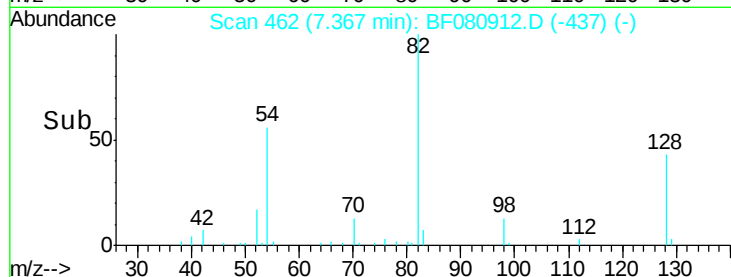
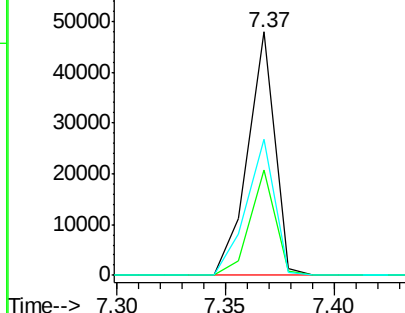
#23
Nitrobenzene-d5
Concen: 6.67 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080912.D
Acq: 7 Aug 2015 4:13

Instrument :
BNA_F
ClientSampleId :
PB84869BL

Tot Ion: 82 Resp: 41418
Ion Ratio Lower Upper
82 100
128 43.3 31.8 47.6
54 56.1 48.6 72.8

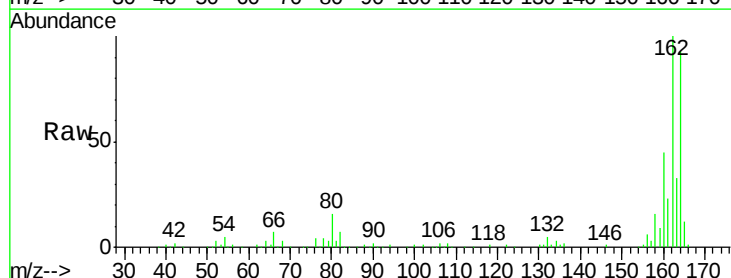


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

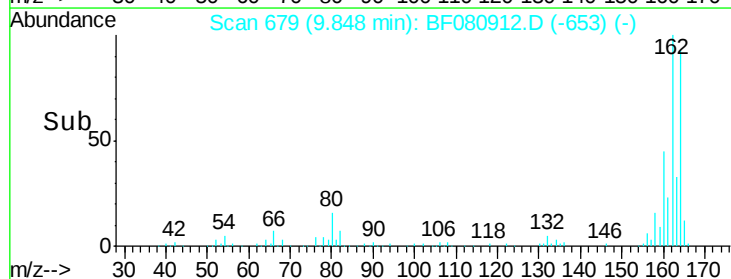
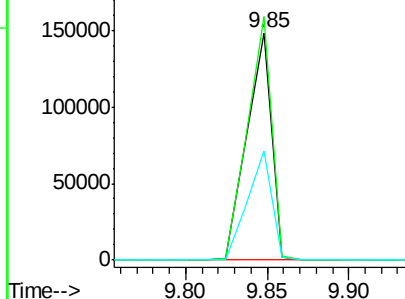


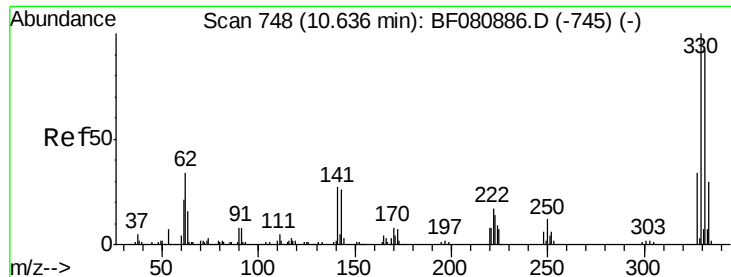
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080912.D
Acq: 7 Aug 2015 4:13

Tgt Ion: 164 Resp: 154947
Ion Ratio Lower Upper
164 100
162 107.1 81.5 122.3
160 48.1 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

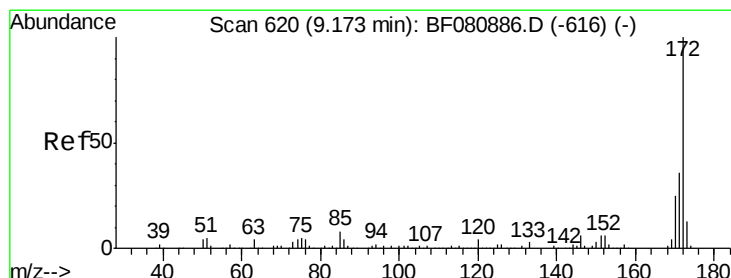
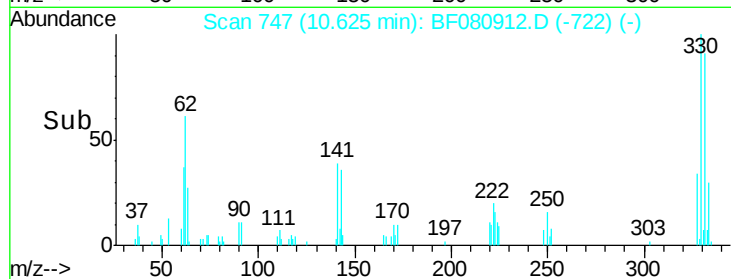
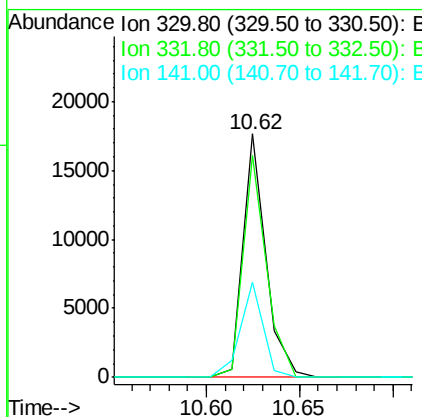
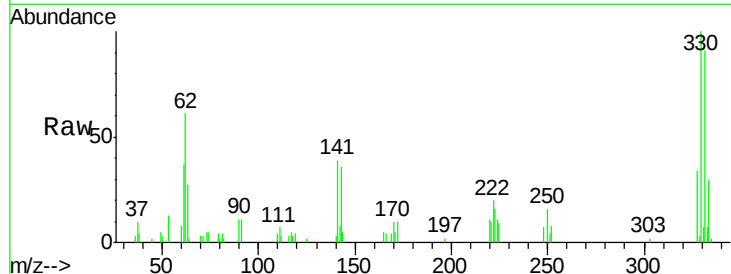




#41
 2,4,6-Tribromophenol
 Concen: 9.08 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF080912.D
 Acq: 7 Aug 2015 4:13

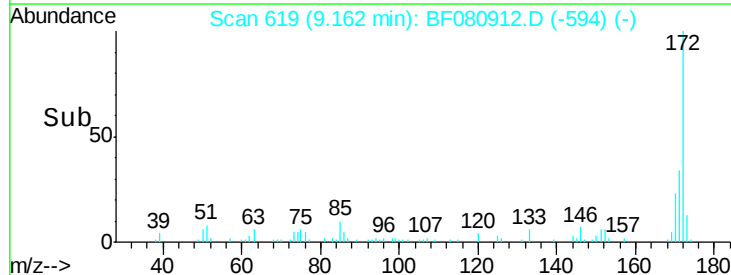
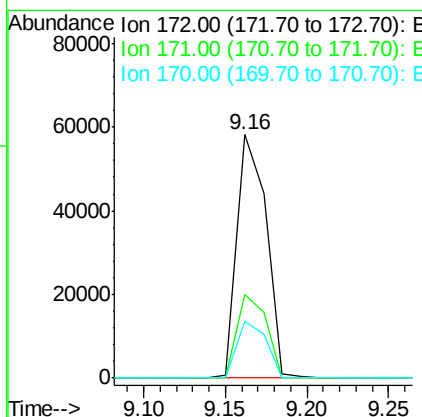
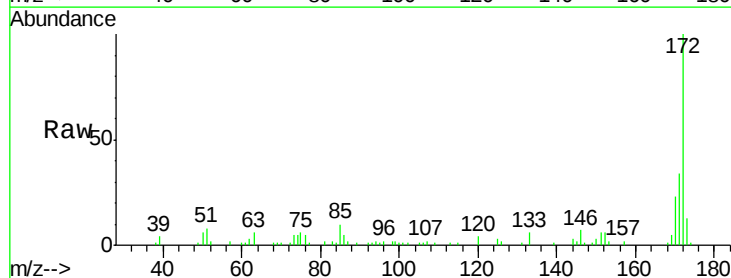
Instrument :
 BNA_F
 ClientSampleId :
 PB84869BL

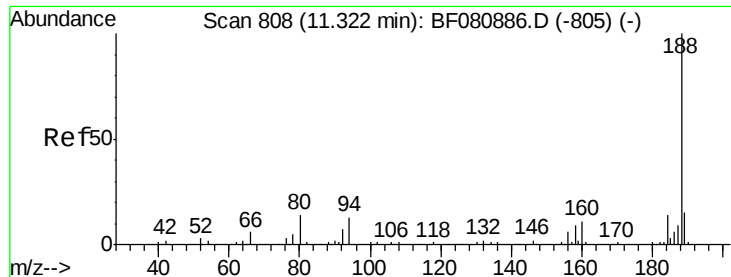
Tot Ion	330	332	141
Resp:	15111		
Ion Ratio	100	92.7	39.2
Lower		74.1	30.1
Upper		111.1	45.1



#44
 2-Fluorobiphenyl
 Concen: 6.59 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF080912.D
 Acq: 7 Aug 2015 4:13

Tgt Ion	172	171	170
Resp:	71601		
Ion Ratio	100	34.5	23.2
Lower		29.0	19.9
Upper		43.4	29.9

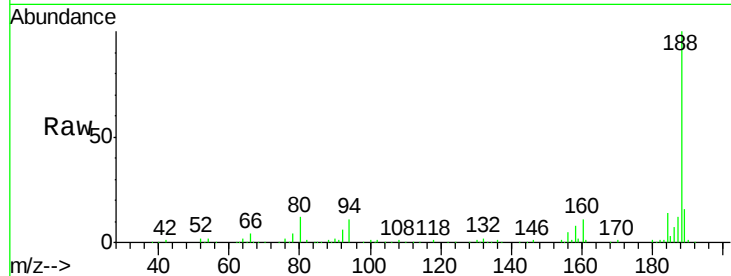




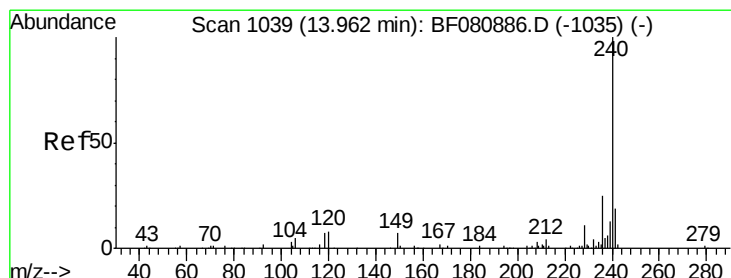
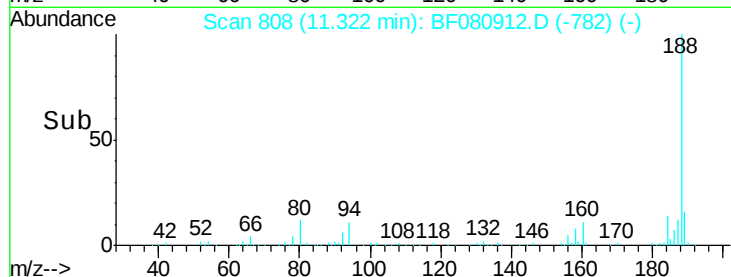
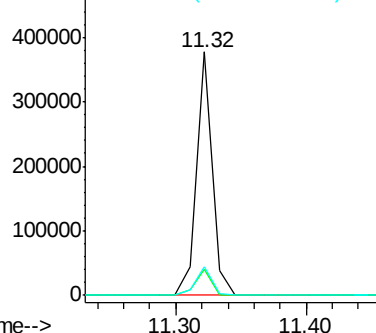
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080912.D
Acq: 7 Aug 2015 4:13

Instrument :
BNA_F
ClientSampleId :
PB84869BL

Tot Ion:188 Resp: 317833
Ion Ratio Lower Upper
188 100
94 10.6 10.2 15.2
80 11.6 11.4 17.2

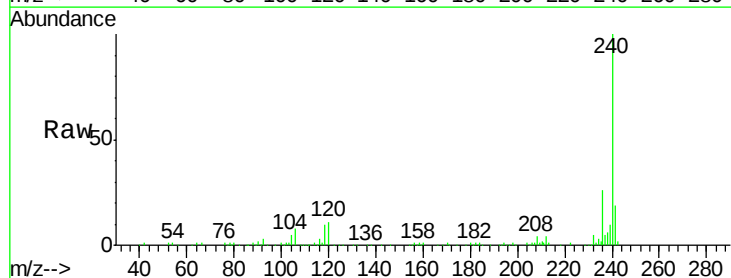


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

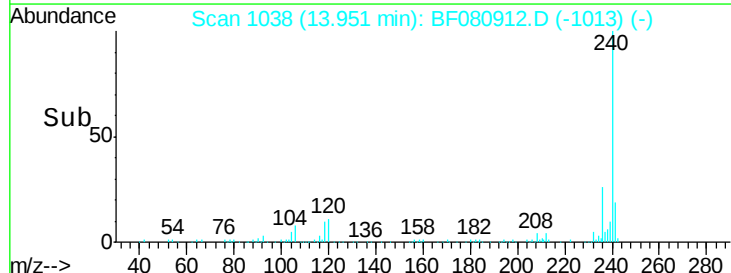
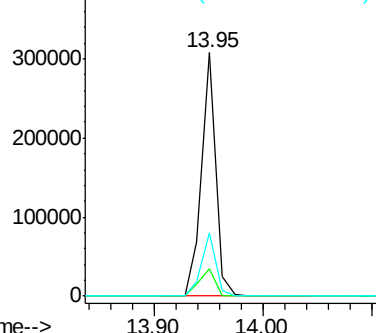


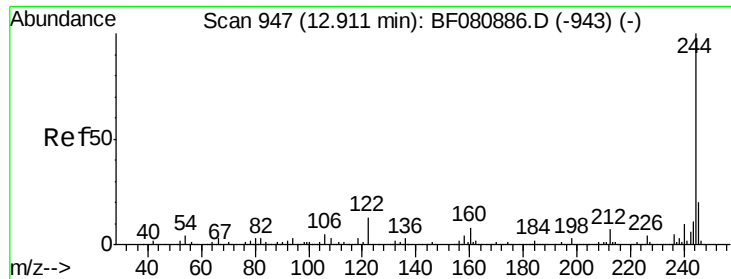
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF080912.D
Acq: 7 Aug 2015 4:13

Tgt Ion:240 Resp: 279483
Ion Ratio Lower Upper
240 100
120 11.4 6.4 9.6#
236 25.8 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

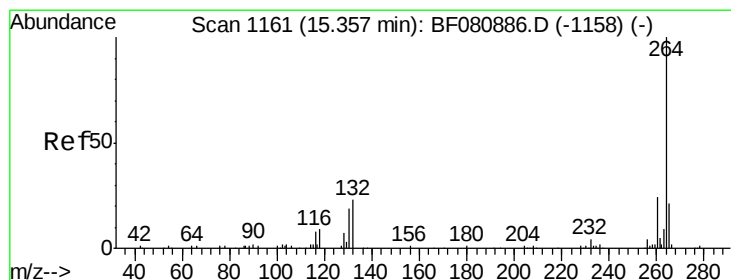
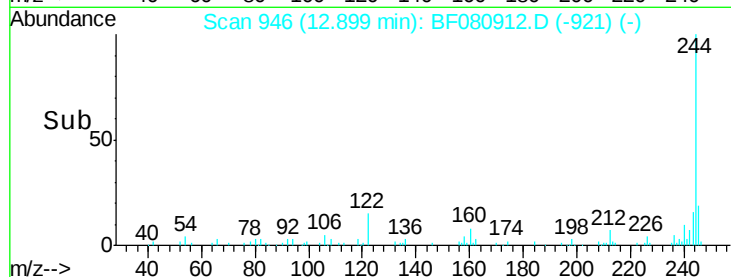
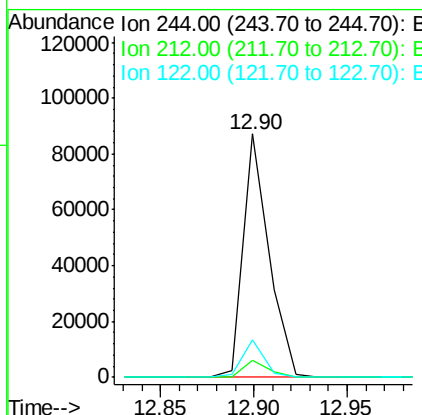
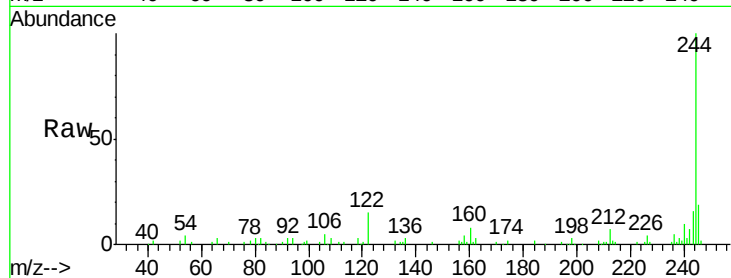




#78
 Terphenyl-d14
 Concen: 6.30 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF080912.D
 Acq: 7 Aug 2015 4:13

Instrument :
 BNA_F
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 PB84869BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	15.2	10.6	16.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080912.D
 Acq: 7 Aug 2015 4:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.3	17.0	25.6

