

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080998.D
 Acq On : 14 Aug 2015 1:52
 Operator : UM/IZ
 Sample : PB84967TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84967TB

Quant Time: Aug 14 03:03:16 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	6.75	152	51857	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	186660	20.00	ng	-0.07
38) Acenaphthene-d10	9.78	164	86404	20.00	ng	-0.07
63) Phenanthrene-d10	11.27	188	175265	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	109229	20.00	ng	-0.08
86) Perylene-d12	15.27	264	96843	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	294450	92.77	ng	-0.03
7) Phenol-d6	6.38	99	368432	84.71	ng	-0.06
23) Nitrobenzene-d5	7.31	82	251822	63.81	ng	-0.07
41) 2,4,6-Tribromophenol	10.57	330	63897	67.31	ng	-0.07
44) 2-Fluorobiphenyl	9.12	172	477969	77.88	ng	-0.06
78) Terphenyl-d14	12.84	244	339022	64.11	ng	-0.07

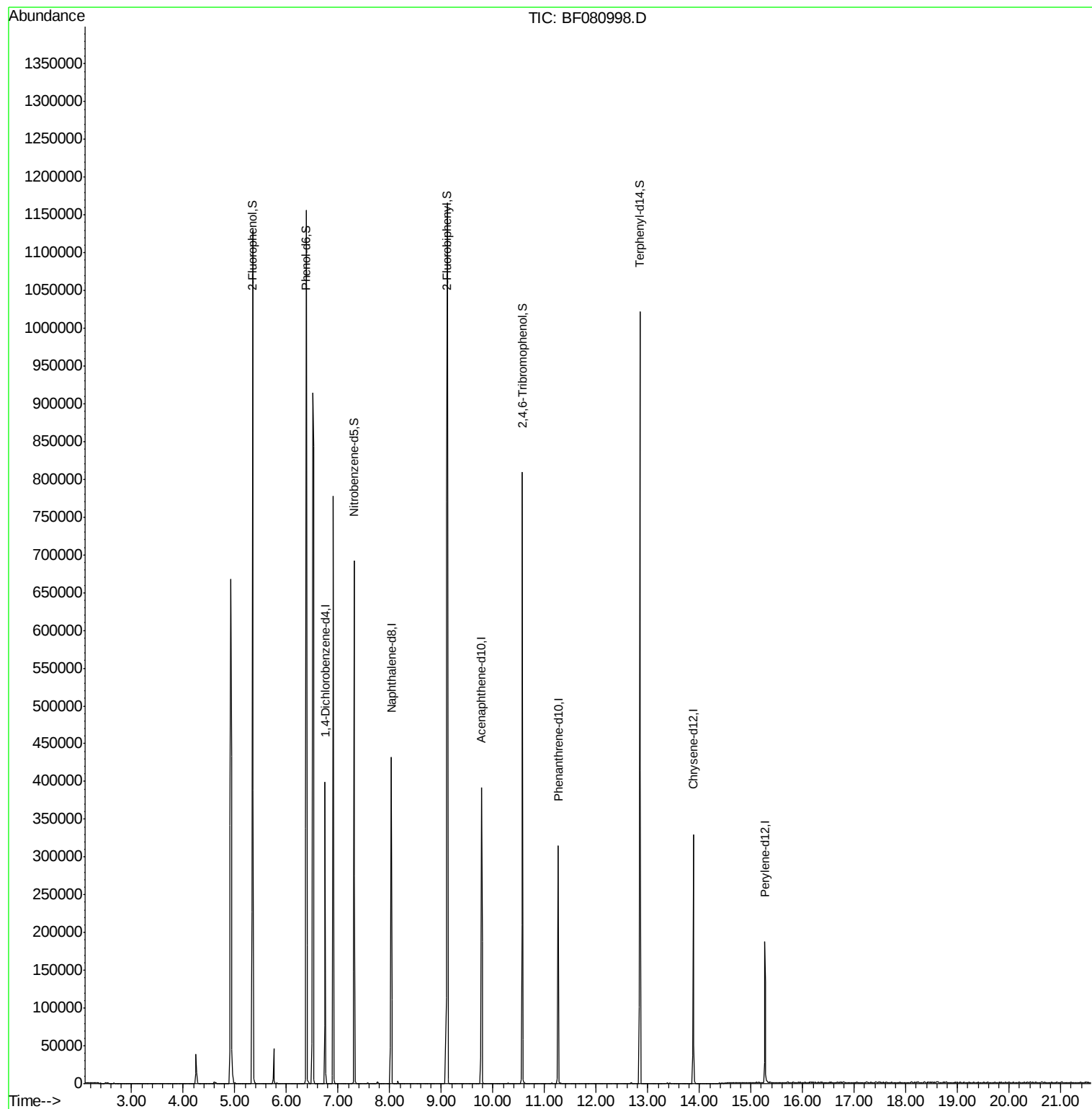
Target Compounds Qvalue

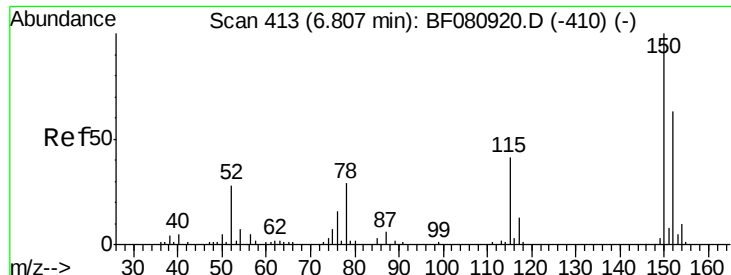
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080998.D
Acq On : 14 Aug 2015 1:52
Operator : UM/IZ
Sample : PB84967TB
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84967TB

Quant Time: Aug 14 03:03:16 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF080998.D

Acq: 14 Aug 2015 1:52

Instrument :

BNA_F

ClientSampleId :

PB84967TB

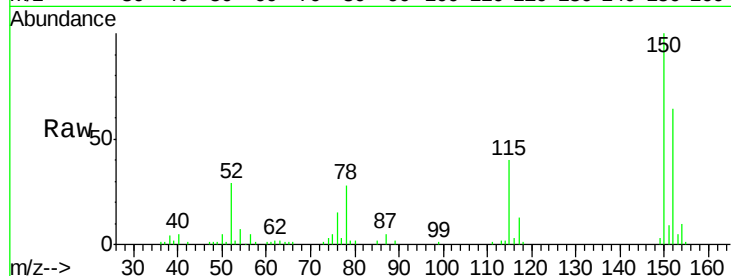
Tot Ion:152 Resp: 51857

Ion Ratio Lower Upper

152 100

150 156.6 127.4 191.2

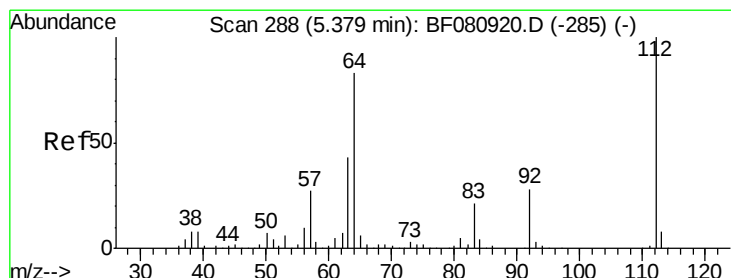
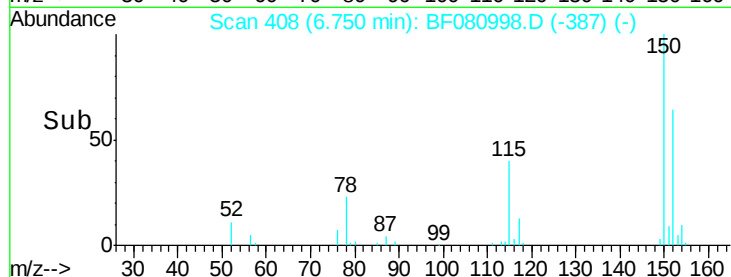
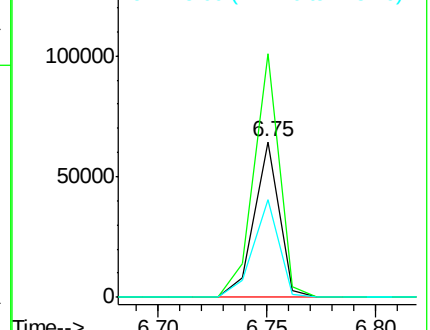
115 62.9 52.6 78.8



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: 92.77 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF080998.D

Acq: 14 Aug 2015 1:52

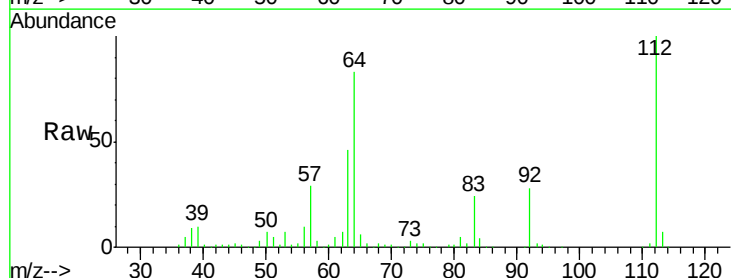
Tgt Ion:112 Resp: 294450

Ion Ratio Lower Upper

112 100

64 83.5 66.1 99.1

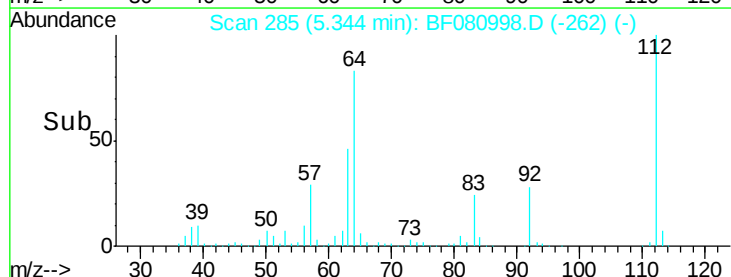
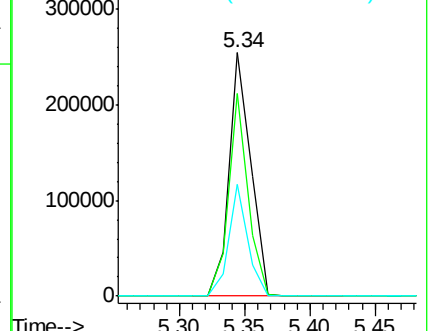
63 45.7 34.6 52.0

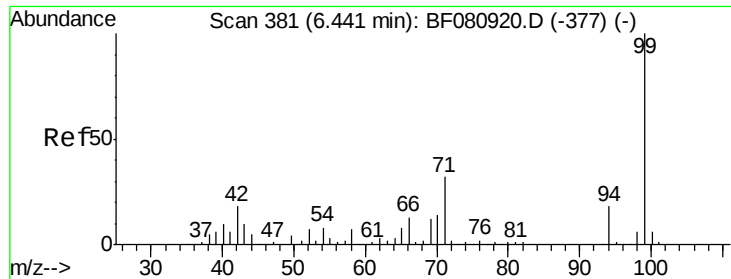


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.71 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF080998.D

Acq: 14 Aug 2015 1:52

Instrument :

BNA_F

ClientSampleId :

PB84967TB

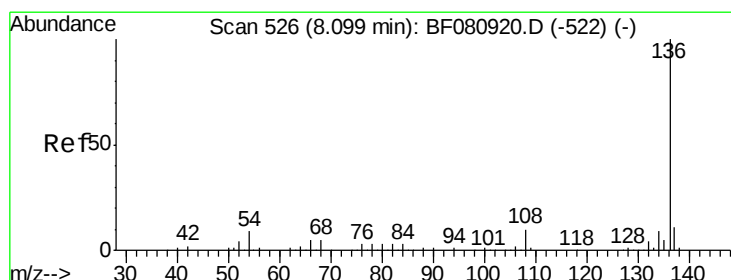
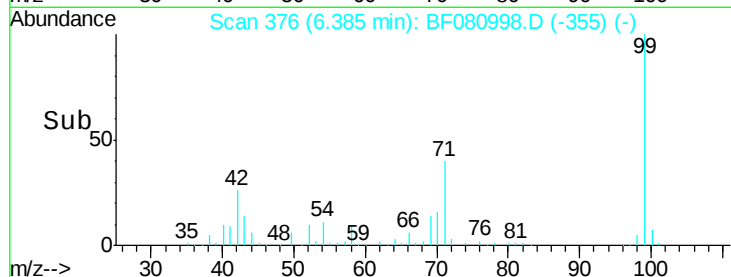
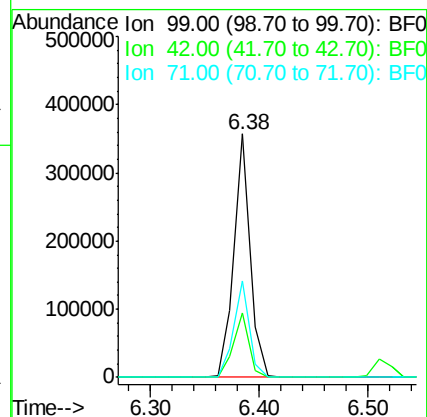
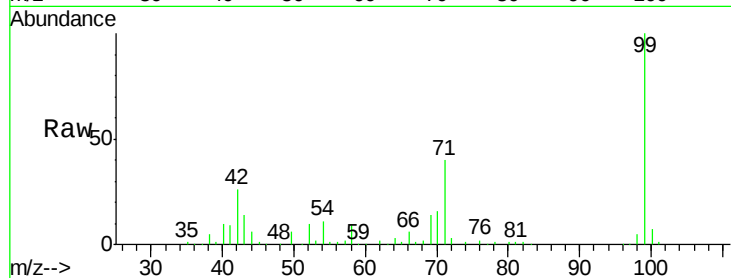
Tot Ion: 99 Resp: 368432

Ion Ratio Lower Upper

99 100

42 26.5 14.4 21.6#

71 39.8 25.8 38.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.07 min

Lab File: BF080998.D

Acq: 14 Aug 2015 1:52

Tgt Ion: 136 Resp: 186660

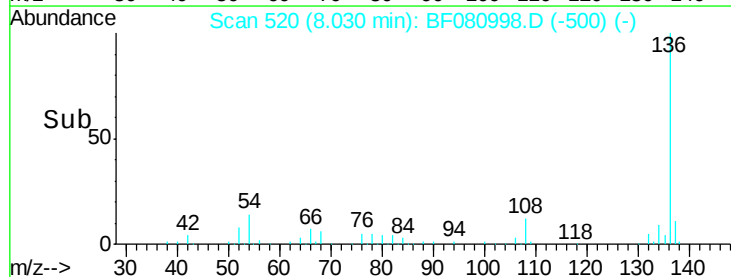
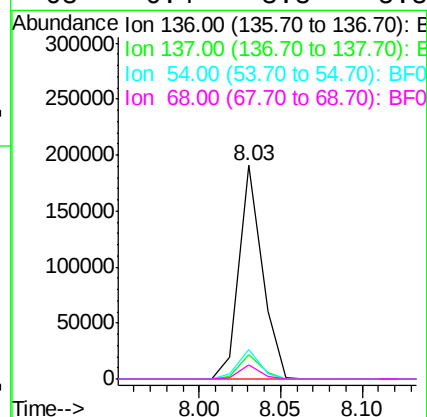
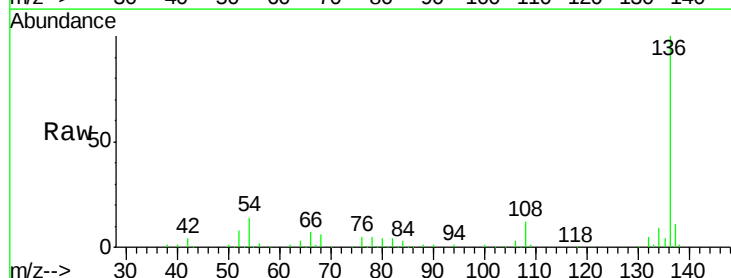
Ion Ratio Lower Upper

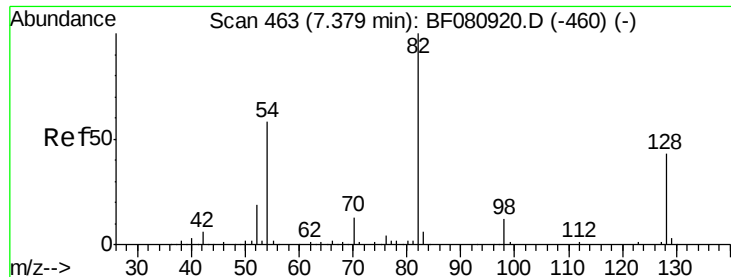
136 100

137 11.4 8.5 12.7

54 13.9 7.1 10.7#

68 6.4 3.8 5.8#

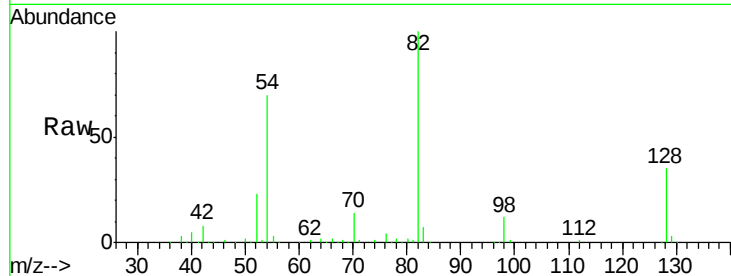




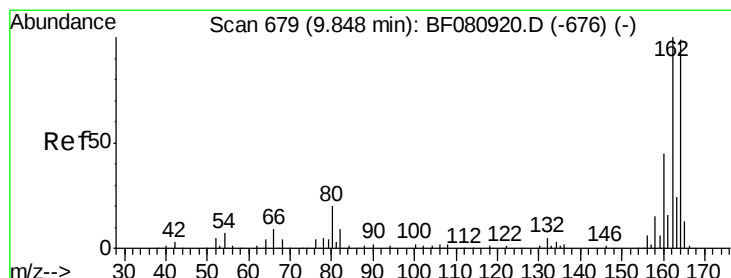
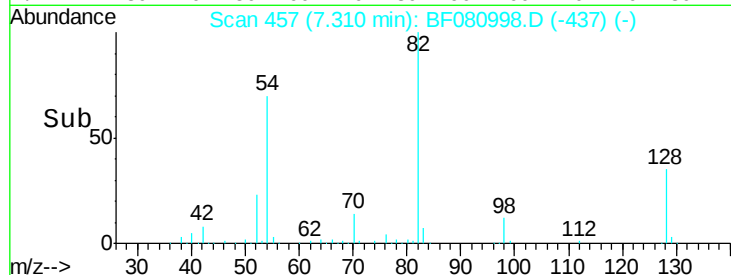
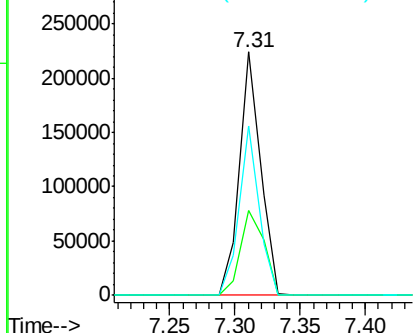
#23
 Nitrobenzene-d5
 Concen: 63.81 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.07 min
 Lab File: BF080998.D
 Acq: 14 Aug 2015 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84967TB

Tot Ion	82	Resp	251822
Ion Ratio	Lower	Upper	
82	100		
128	35.1	34.1	51.1
54	69.5	46.5	69.7

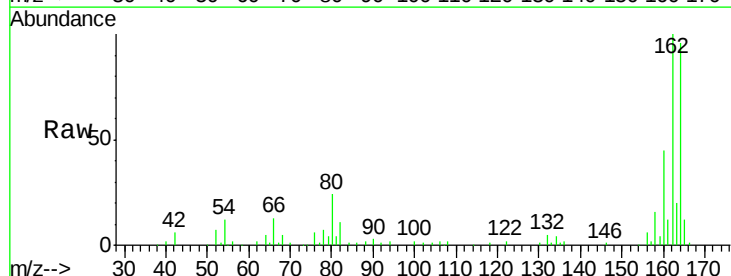


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

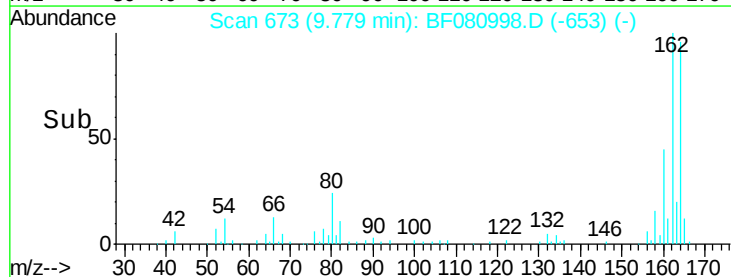
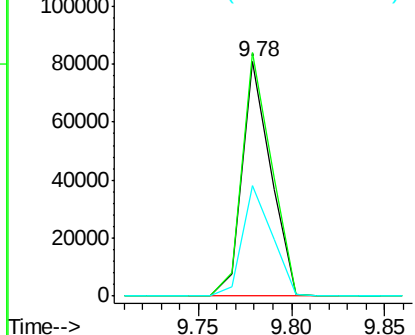


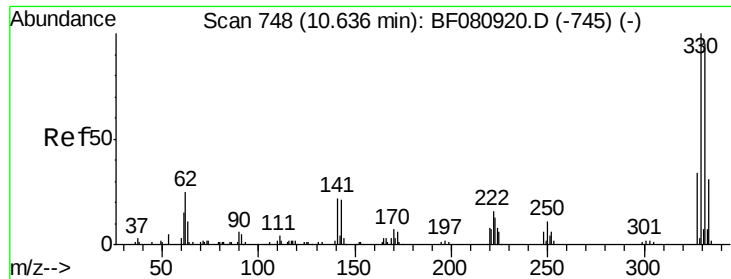
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.07 min
 Lab File: BF080998.D
 Acq: 14 Aug 2015 1:52

Tgt Ion	164	Resp	86404
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.5	120.7
160	47.0	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

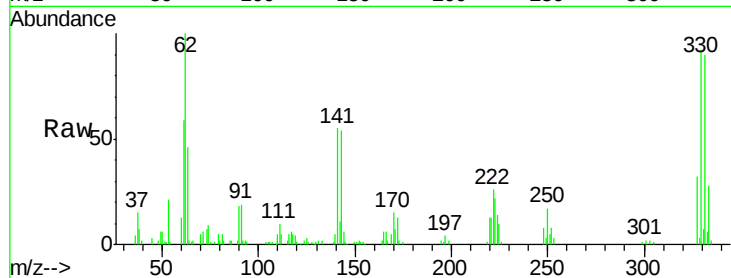




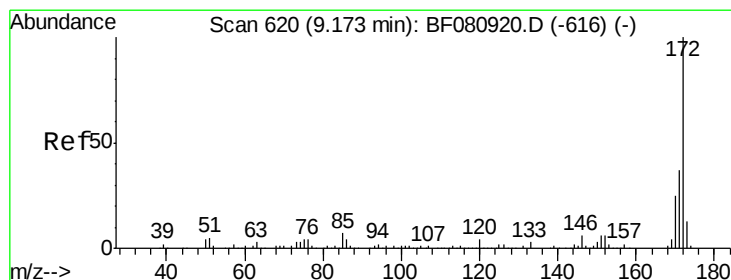
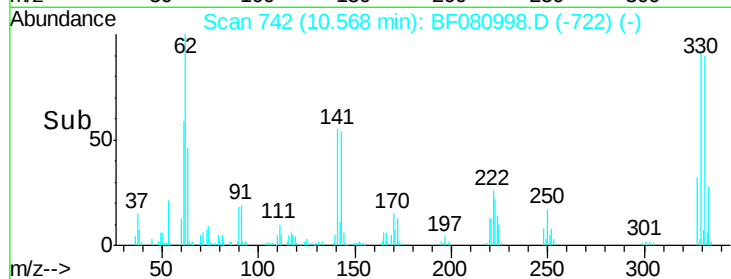
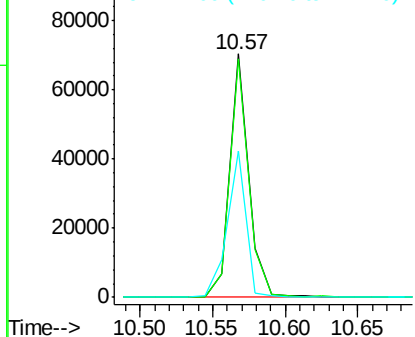
#41
 2,4,6-Tribromophenol
 Concen: 67.31 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.07 min
 Lab File: BF080998.D
 Acq: 14 Aug 2015 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84967TB

Tot Ion:330 Resp: 63897
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.2 114.4
 141 59.6 27.8 41.8#

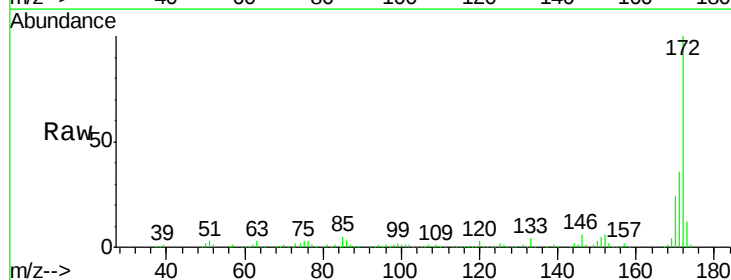


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

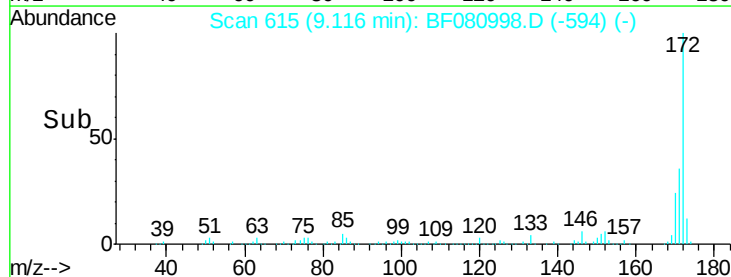
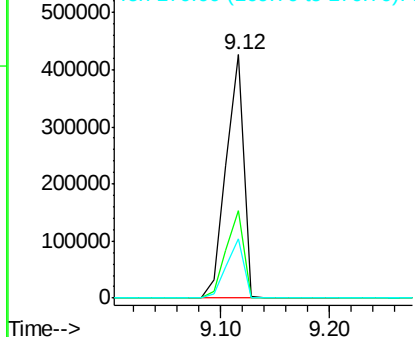


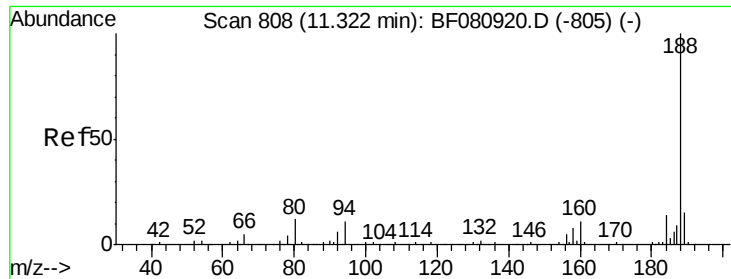
#44
 2-Fluorobiphenyl
 Concen: 77.88 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080998.D
 Acq: 14 Aug 2015 1:52

Tgt Ion:172 Resp: 477969
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.1 19.7 29.5



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

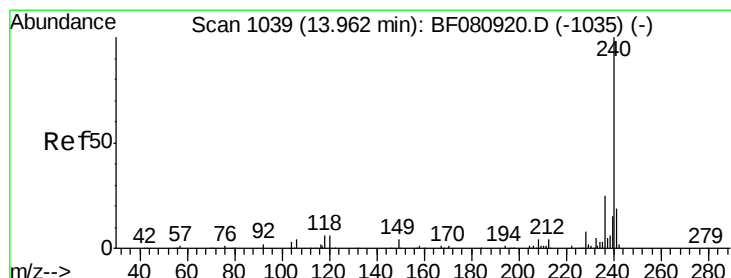
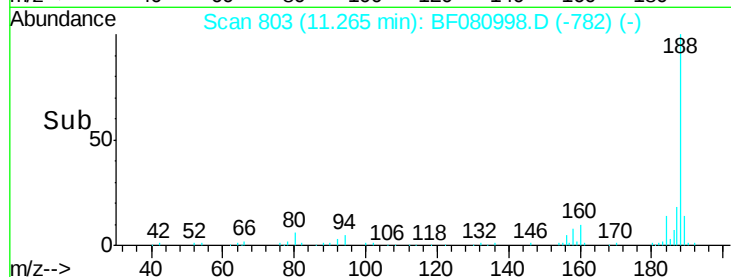
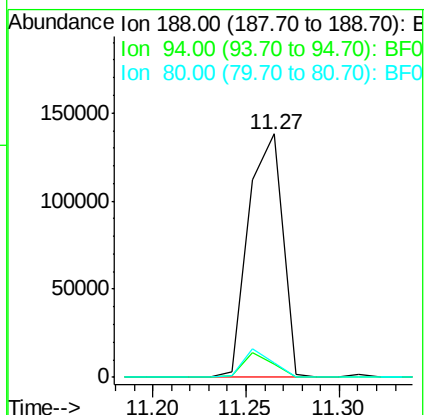
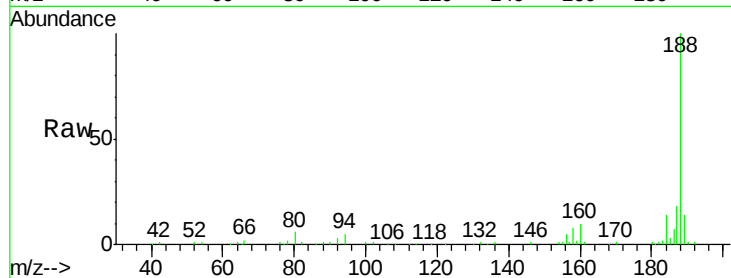




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF080998.D
Acq: 14 Aug 2015 1:52

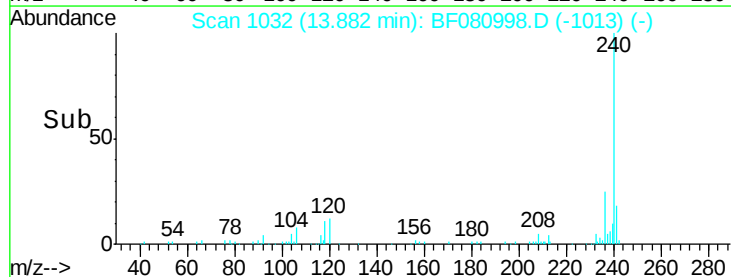
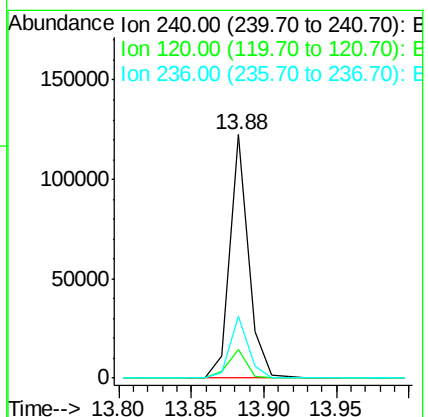
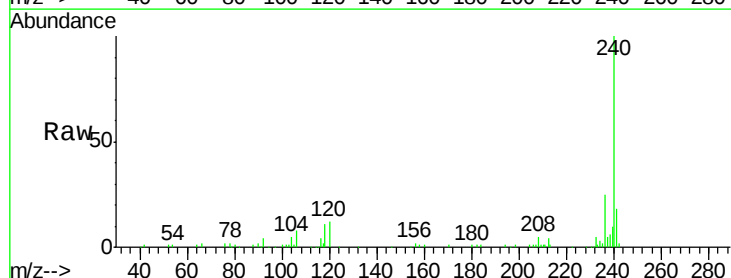
Instrument :
BNA_F
ClientSampleId :
PB84967TB

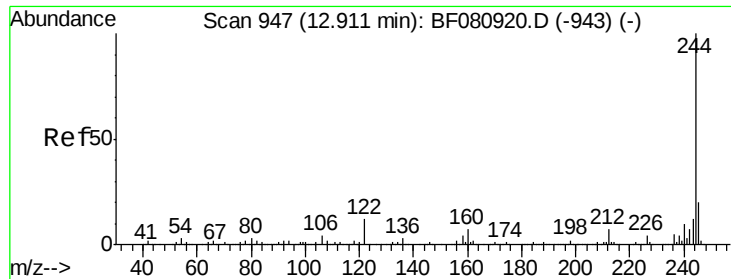
Tot Ion:188 Resp: 175265
Ion Ratio Lower Upper
188 100
94 5.2 8.8 13.2#
80 6.0 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.08 min
Lab File: BF080998.D
Acq: 14 Aug 2015 1:52

Tgt Ion:240 Resp: 109229
Ion Ratio Lower Upper
240 100
120 11.5 5.2 7.8#
236 25.2 20.2 30.4

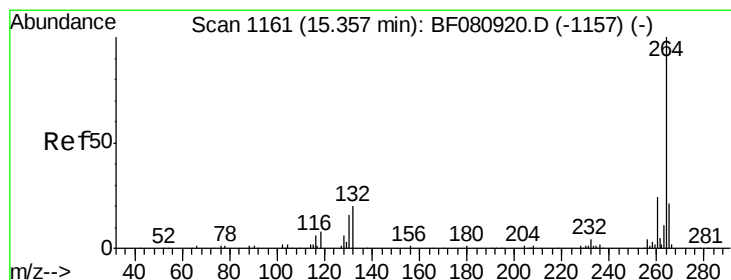
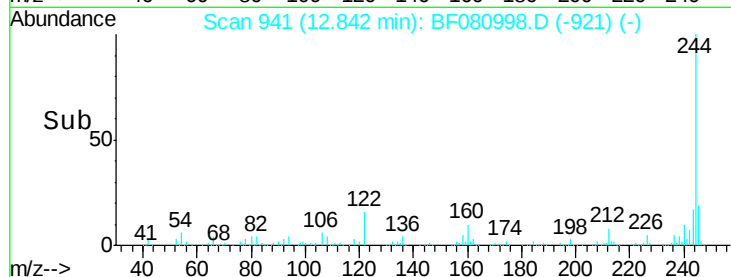
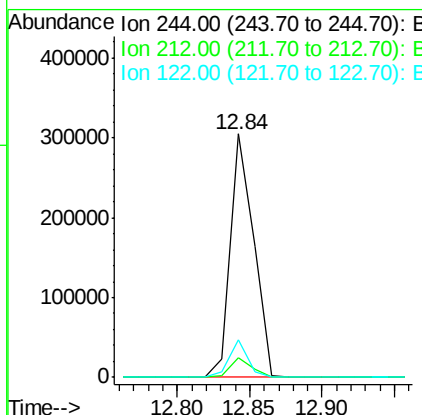
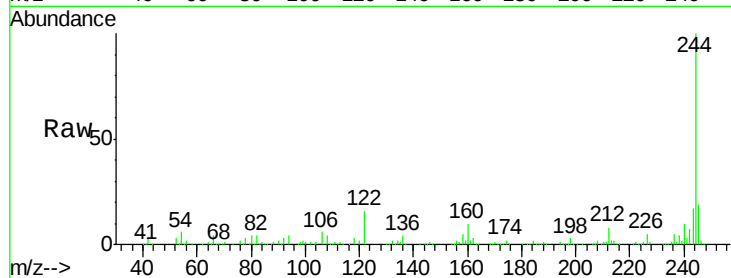




#78
 Terphenyl-d14
 Concen: 64.11 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.07 min
 Lab File: BF080998.D
 Acq: 14 Aug 2015 1:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84967TB

Tot Ion:244 Resp: 339022
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 15.5 9.4 14.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.09 min
 Lab File: BF080998.D
 Acq: 14 Aug 2015 1:52

Tgt Ion:264 Resp: 96843
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.0
 265 22.2 17.0 25.4

