

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080830.D
 Acq On : 4 Aug 2015 8:12
 Operator : TP
 Sample : G3172-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-073115

Quant Time: Aug 04 15:01:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 14:50:50 2015
 Response via : Initial Calibration

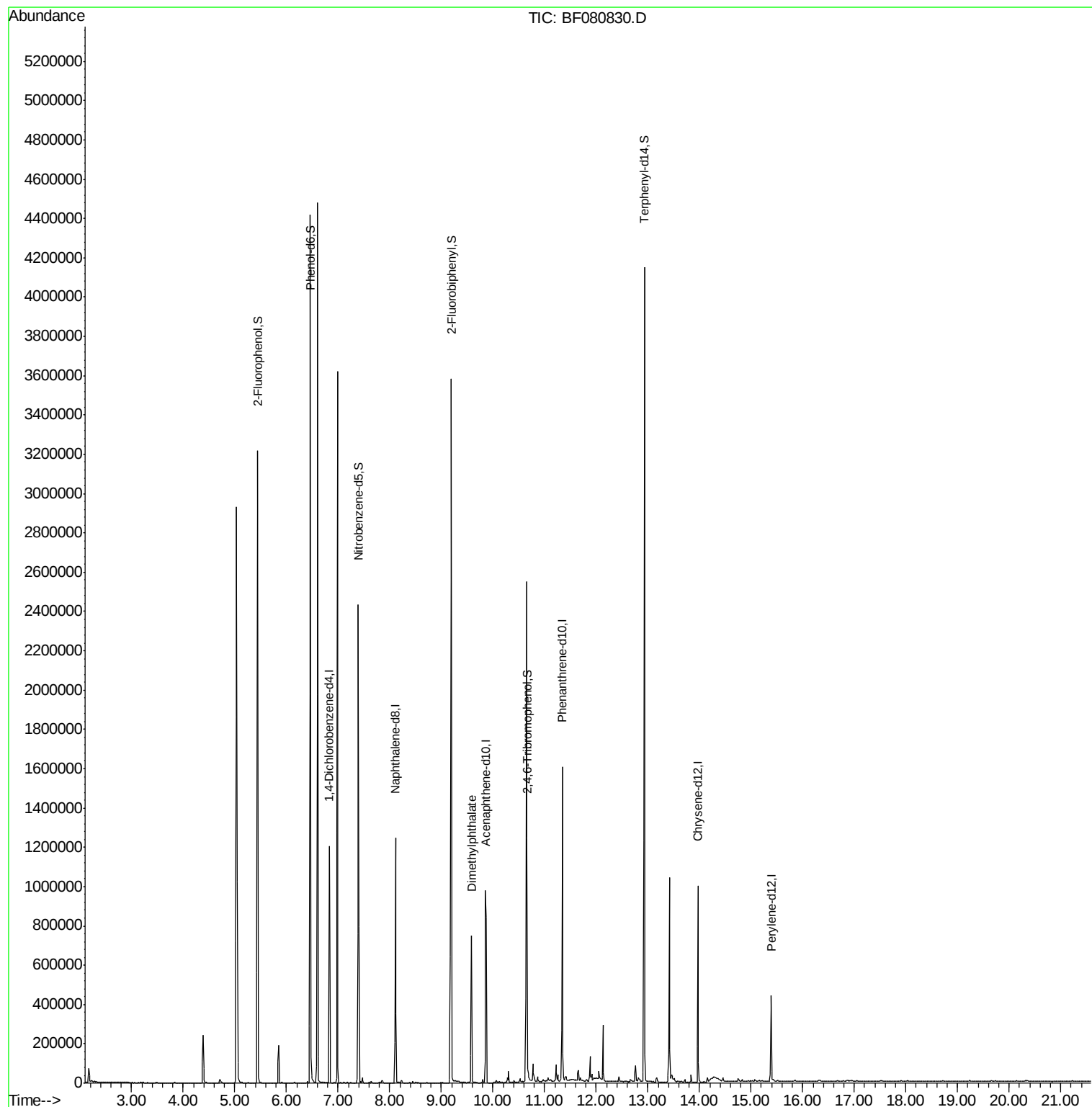
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	156854	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	561602	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	276117	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	539908	20.00	ng	0.00
75) Chrysene-d12	13.97	240	323005	20.00	ng	-0.01
86) Perylene-d12	15.39	264	245174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1175347	124.40	ng	0.01
7) Phenol-d6	6.46	99	1530329	120.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	901885	78.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	396420	149.25	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1590861	86.68	ng	0.00
78) Terphenyl-d14	12.93	244	1269205	78.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	278103	15.11	ng	Qvalue 99

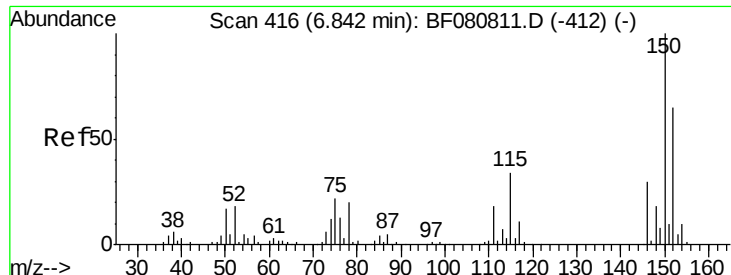
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 14:50:50 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-073115

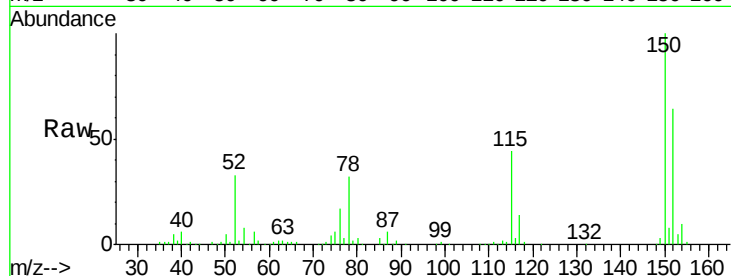
Tgt Ion:152 Resp: 156854

Ion Ratio Lower Upper

152 100

150 156.3 122.9 184.3

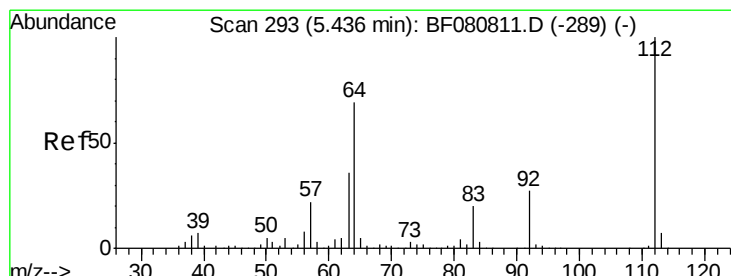
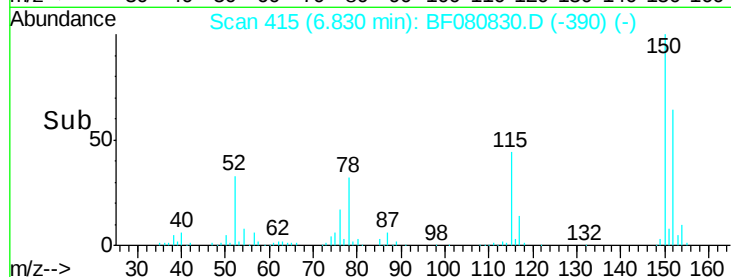
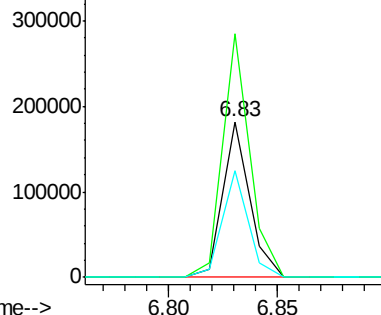
115 68.6 42.0 63.0#



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: 124.40 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

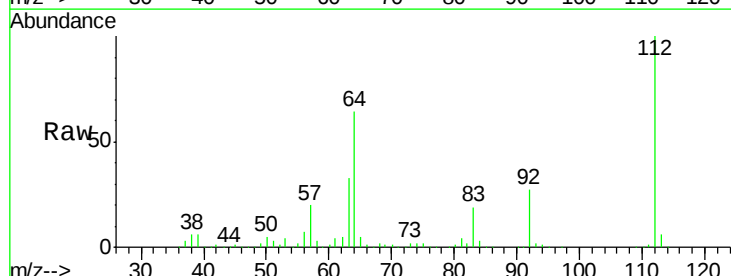
Tgt Ion:112 Resp: 1175347

Ion Ratio Lower Upper

112 100

64 63.6 55.0 82.4

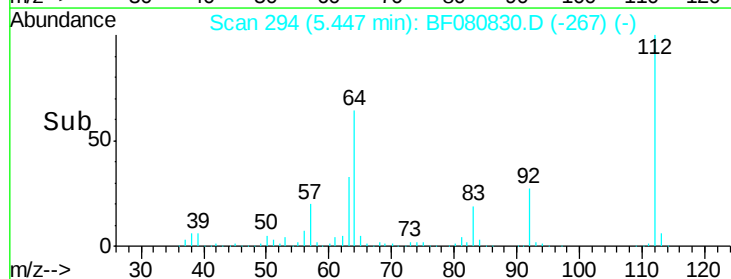
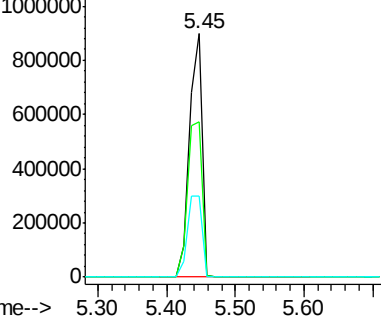
63 33.1 28.6 42.8

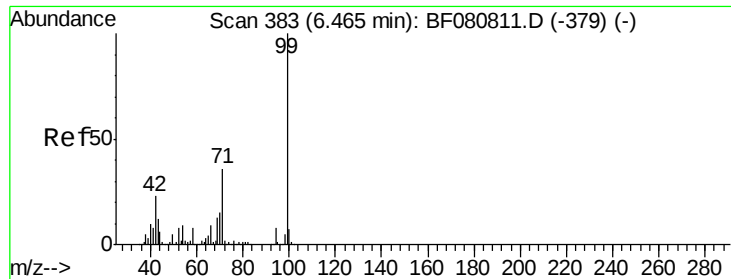


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.47 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-073115

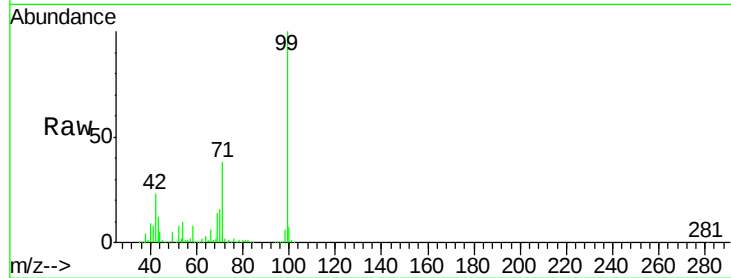
Tgt Ion: 99 Resp: 1530329

Ion Ratio Lower Upper

99 100

42 22.7 18.4 27.6

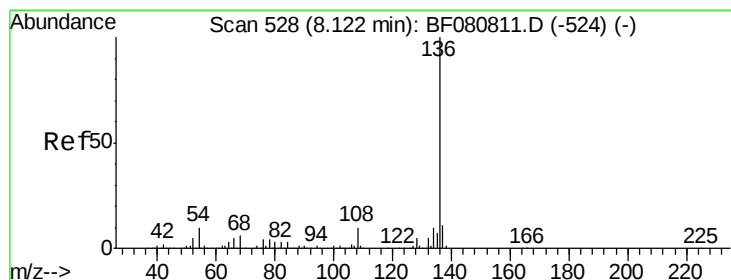
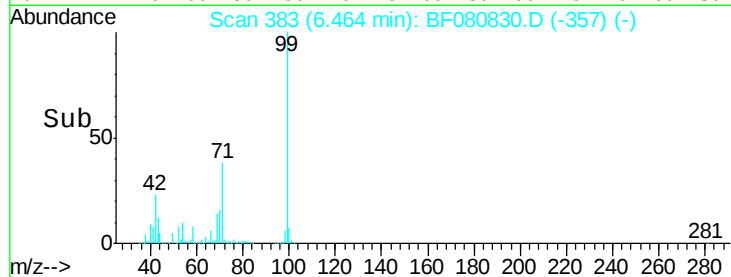
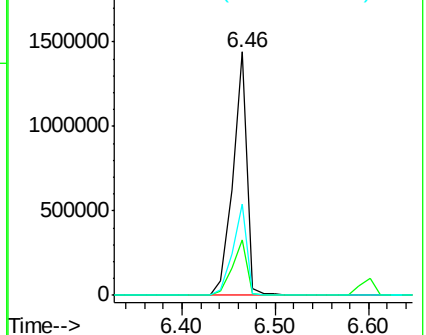
71 37.6 28.7 43.1



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: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

Tgt Ion: 136 Resp: 561602

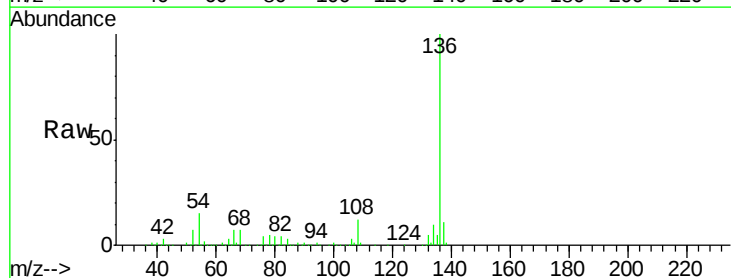
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.5 7.9 11.9#

68 7.1 4.4 6.6#

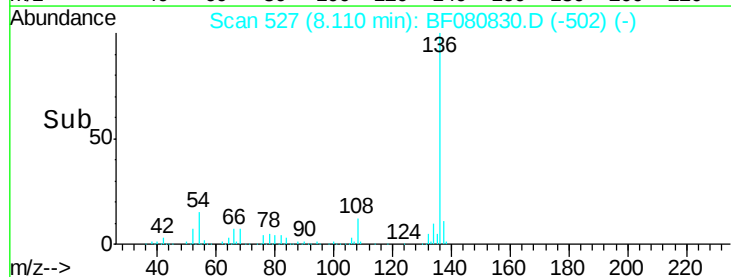
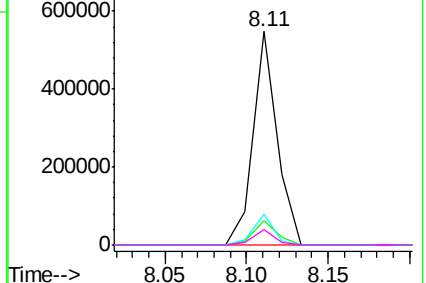


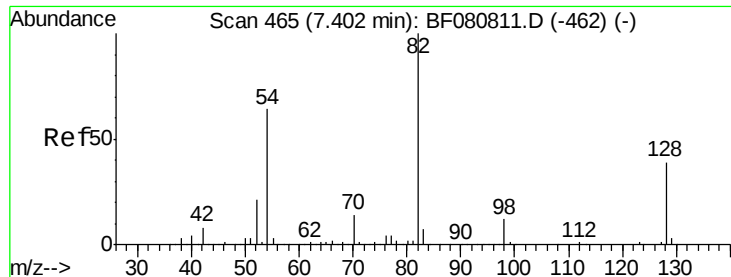
Abundance Ion 136.00 (135.70 to 136.70): E

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

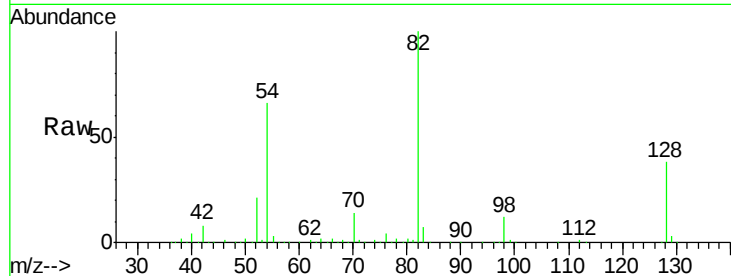




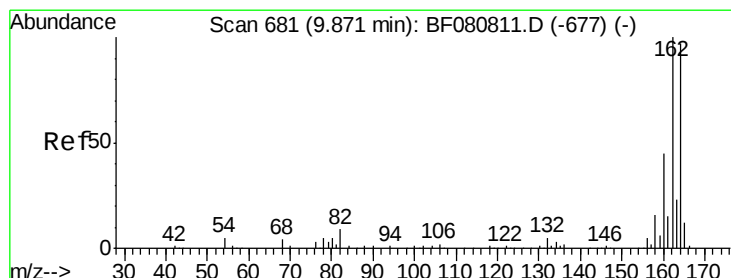
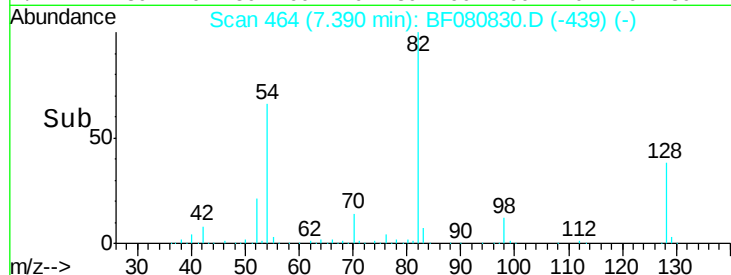
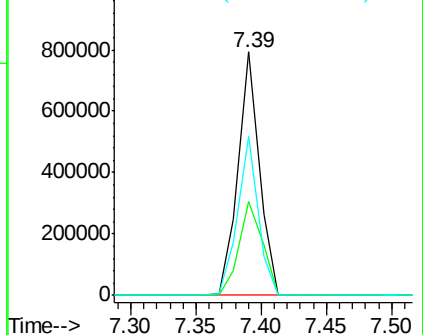
#23
 Nitrobenzene-d5
 Concen: 78.86 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF080830.D
 Acq: 4 Aug 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-073115

Tgt Ion: 82 Resp: 901885
 Ion Ratio Lower Upper
 82 100
 128 38.4 31.4 47.0
 54 65.6 51.0 76.4

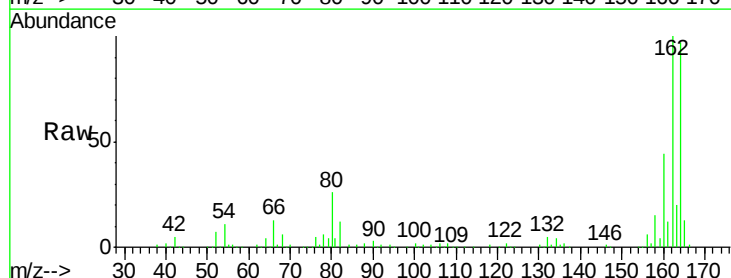


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

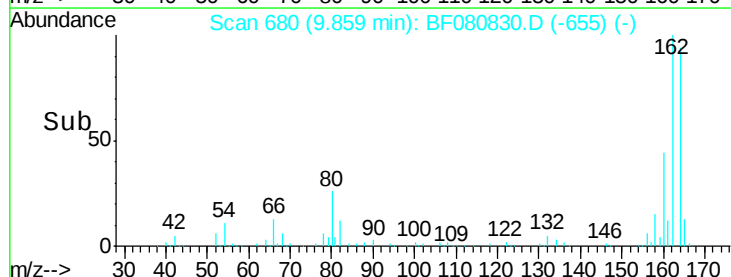
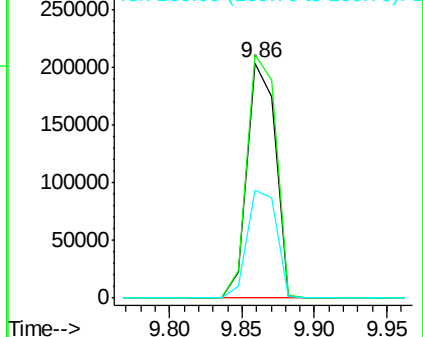


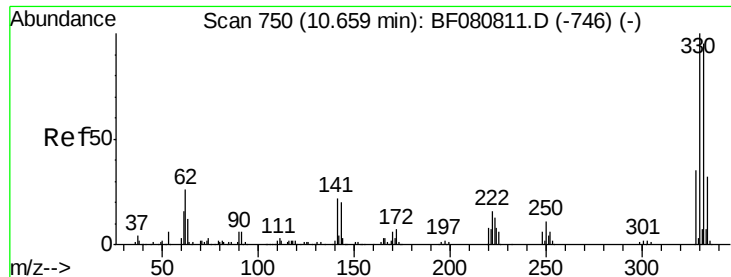
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF080830.D
 Acq: 4 Aug 2015 8:12

Tgt Ion: 164 Resp: 276117
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.3 123.5
 160 46.0 37.3 55.9



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

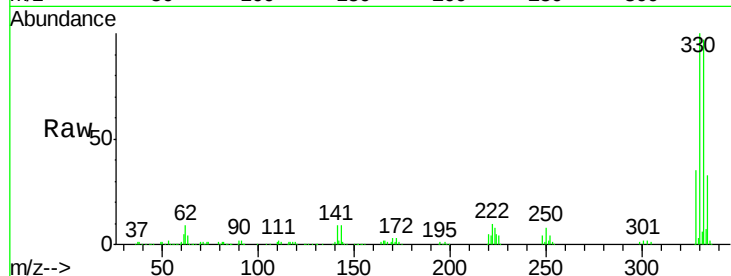




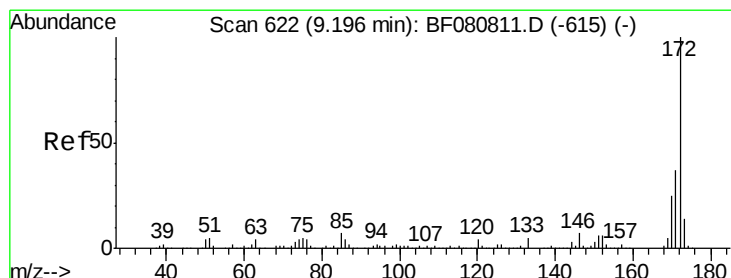
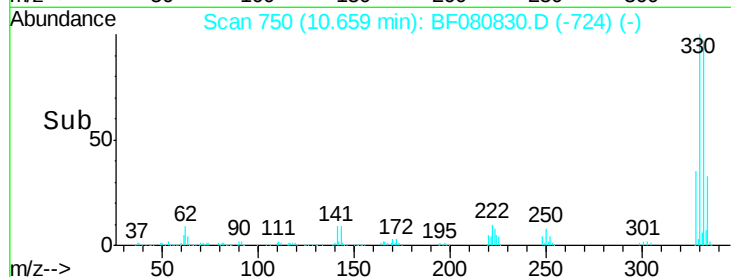
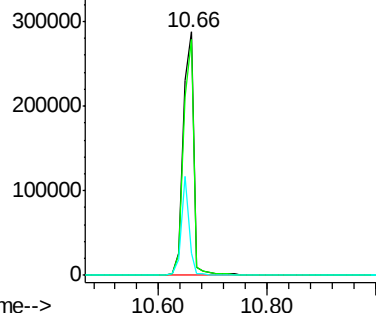
#41
 2,4,6-Tribromophenol
 Concen: 149.25 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080830.D
 Acq: 4 Aug 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-073115

Tgt Ion:330 Resp: 396420
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.2 114.4
 141 29.9 25.4 38.0

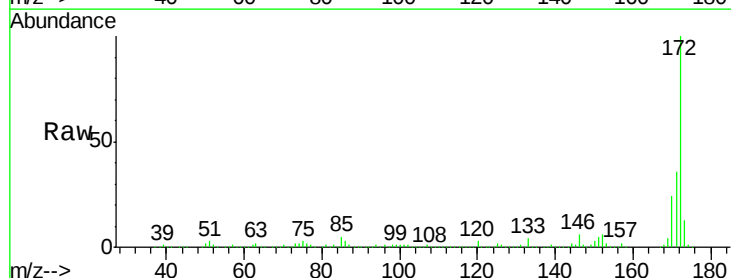


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

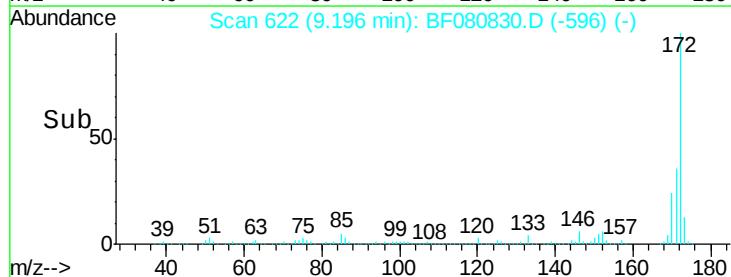
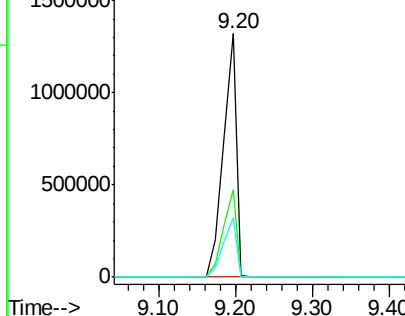


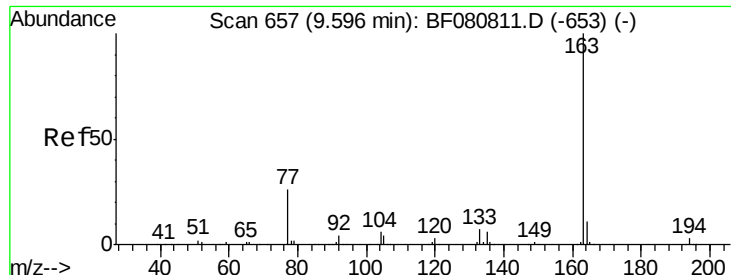
#44
 2-Fluorobiphenyl
 Concen: 86.68 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080830.D
 Acq: 4 Aug 2015 8:12

Tgt Ion:172 Resp: 1590861
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 24.4 20.2 30.4



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

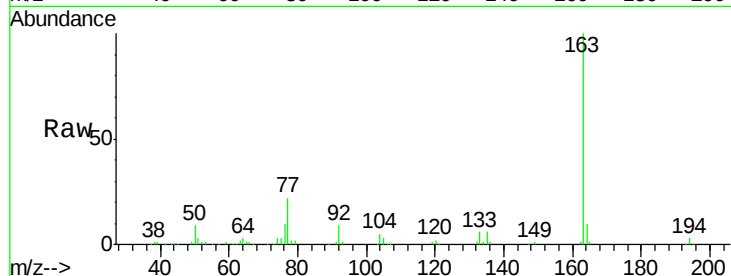




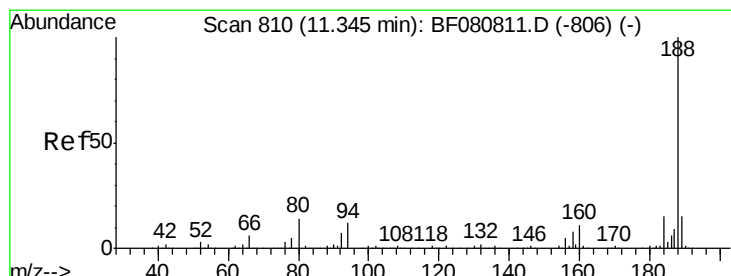
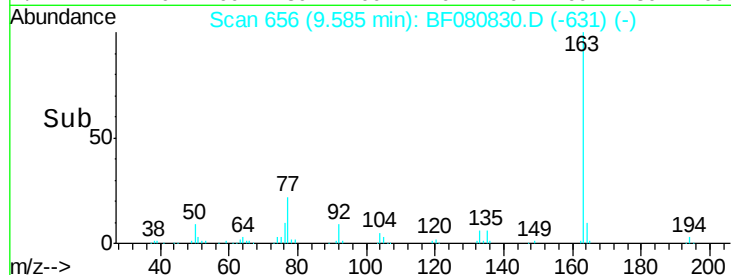
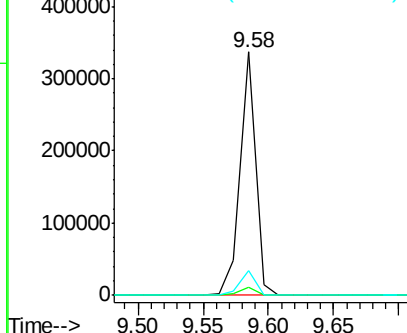
#49
Dimethylphthalate
Concen: 15.11 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

Instrument :
BNA_F
ClientSampleId :
BOTTOM-SOUTH-073115

Tgt Ion:163 Resp: 278103
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.5 12.7

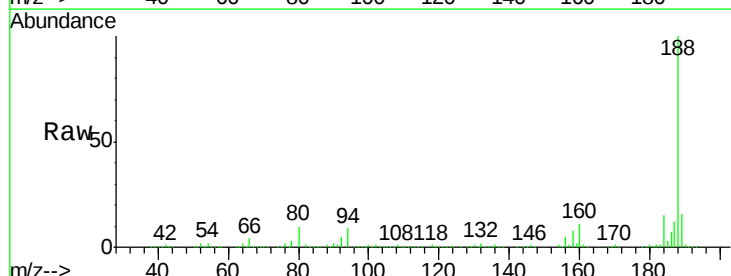


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

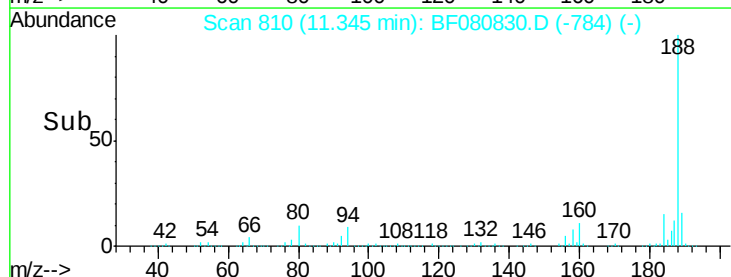
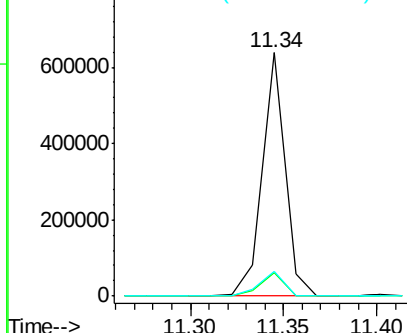


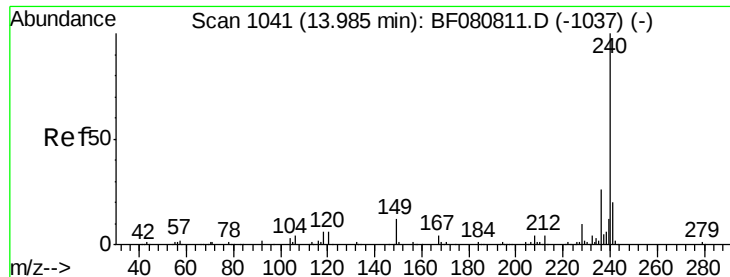
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

Tgt Ion:188 Resp: 539908
Ion Ratio Lower Upper
188 100
94 9.4 9.7 14.5#
80 10.3 11.2 16.8#



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: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-073115

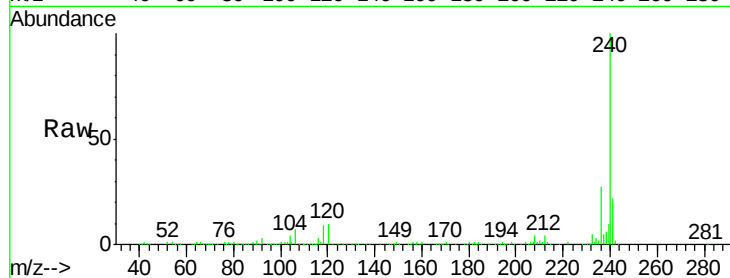
Tgt Ion:240 Resp: 323005

Ion Ratio Lower Upper

240 100

120 9.8 5.0 7.4#

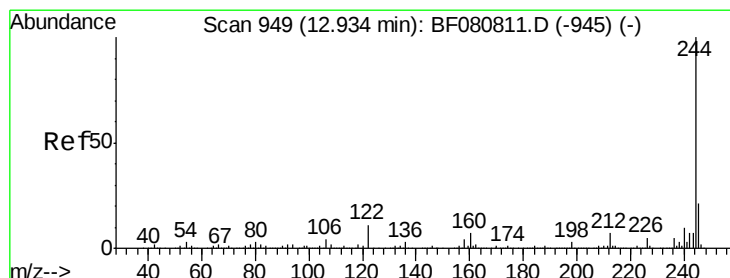
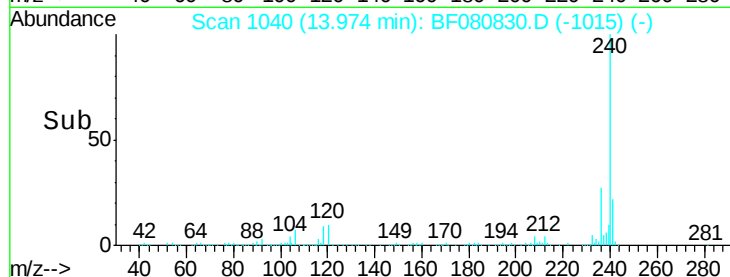
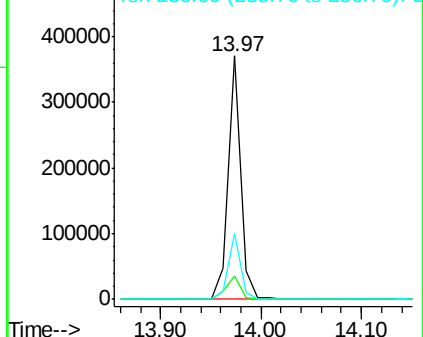
236 27.2 20.8 31.2



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: 78.68 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

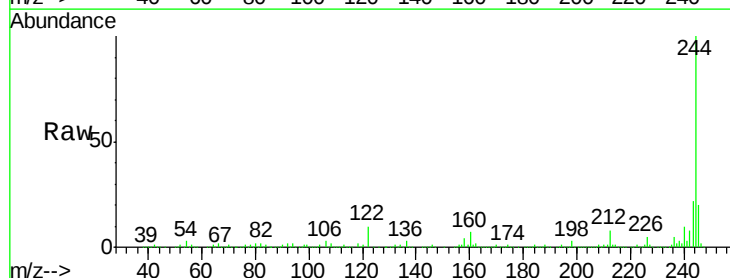
Tgt Ion:244 Resp: 1269205

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

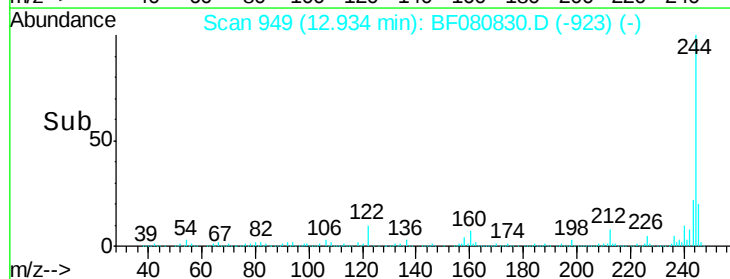
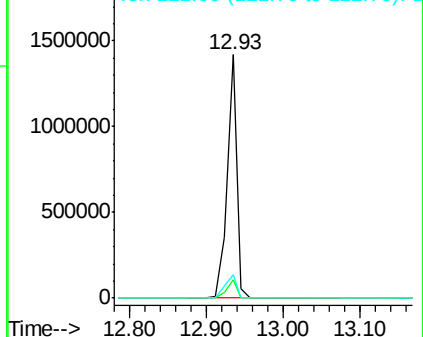
122 9.7 9.1 13.7

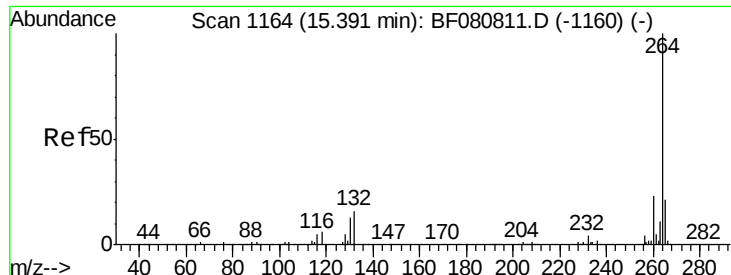


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	20.9	17.0	25.6

