

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080831.D
 Acq On : 4 Aug 2015 8:42
 Operator : TP
 Sample : G3150-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-22-04

Quant Time: Aug 04 18:50:10 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

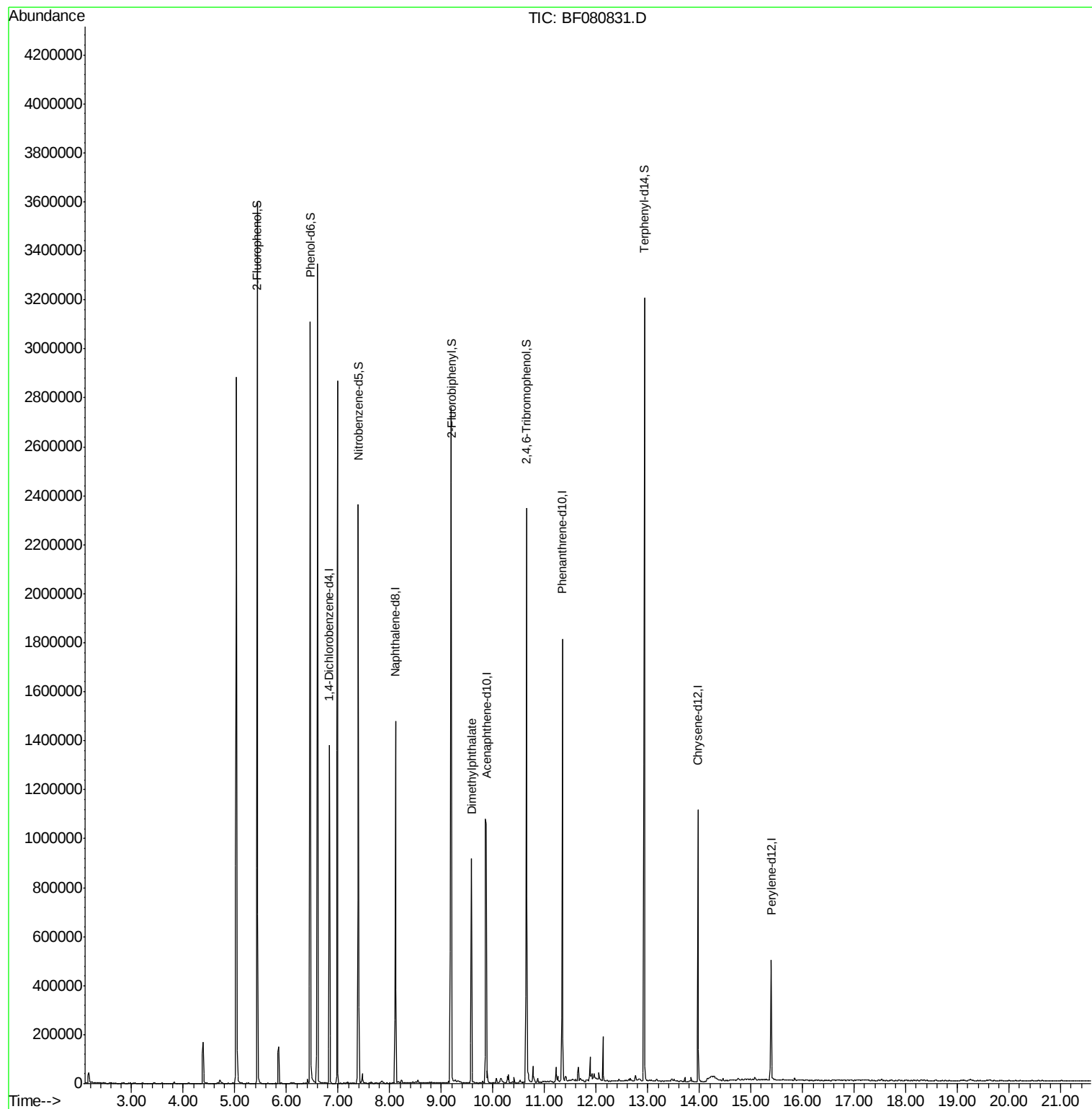
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	182036	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	666777	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	322671	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	607690	20.00	ng	0.00
75) Chrysene-d12	13.97	240	366722	20.00	ng	-0.01
86) Perylene-d12	15.39	264	286417	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	900053	82.09	ng	0.00
7) Phenol-d6	6.46	99	1443305	97.90	ng	0.00
23) Nitrobenzene-d5	7.39	82	784998	57.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	306016	98.59	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1356017	63.23	ng	0.00
78) Terphenyl-d14	12.93	244	1071797	58.52	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	340012	15.80	ng	99

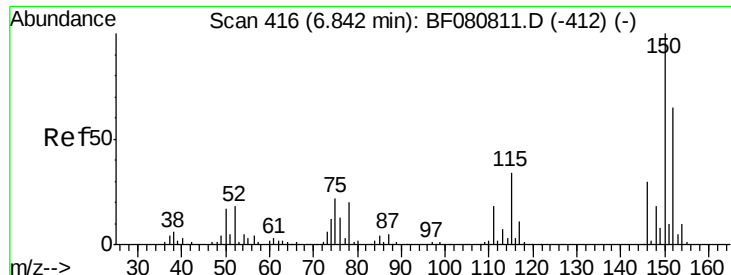
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

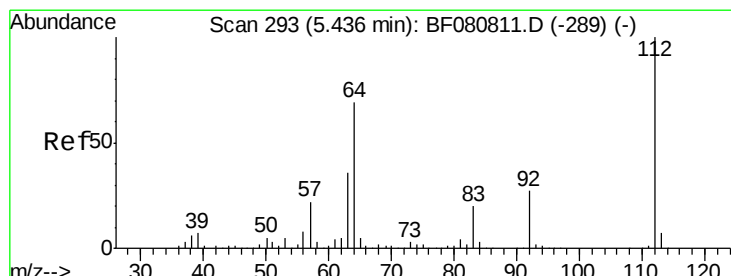
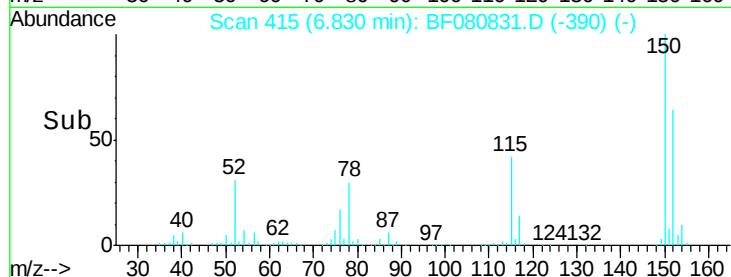
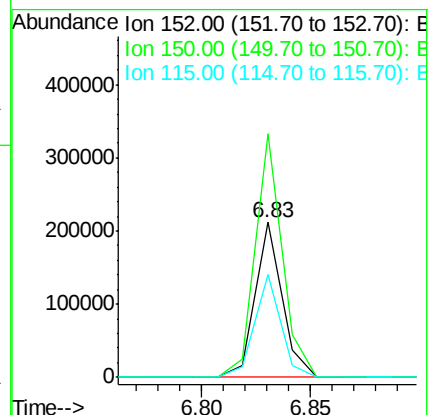
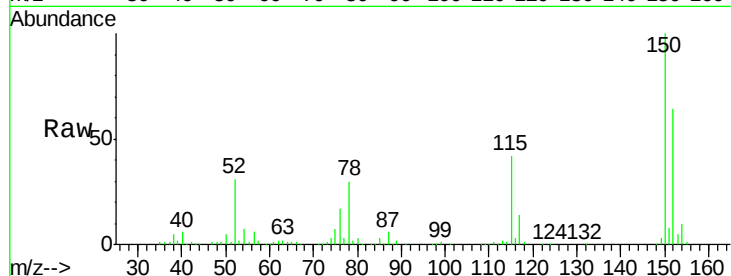
Tgt Ion:152 Resp: 182036

Ion Ratio Lower Upper

152 100

150 157.2 122.9 184.3

115 66.4 42.0 63.0#



#5

2-Fluorophenol

Concen: 82.09 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

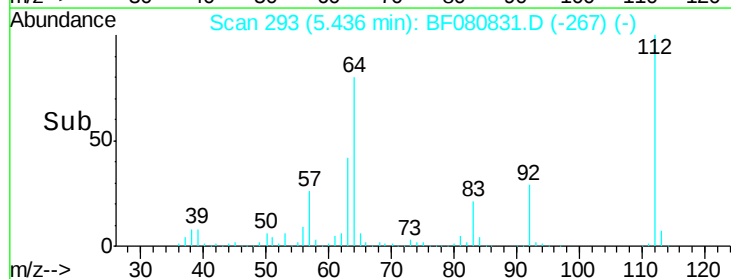
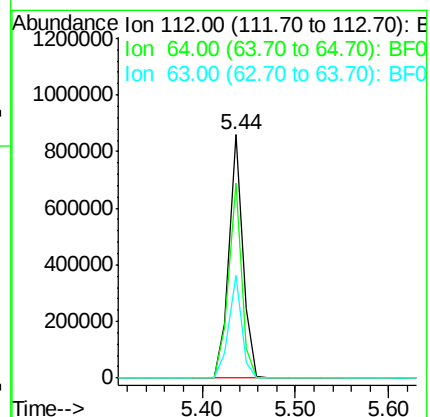
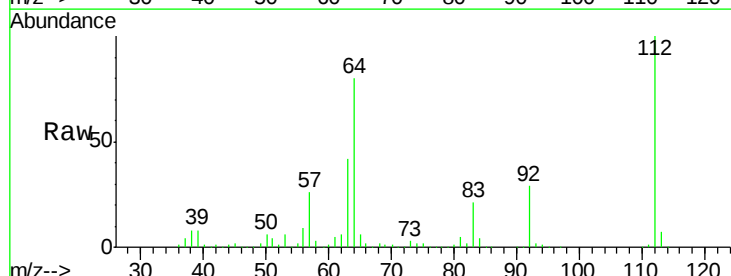
Tgt Ion:112 Resp: 900053

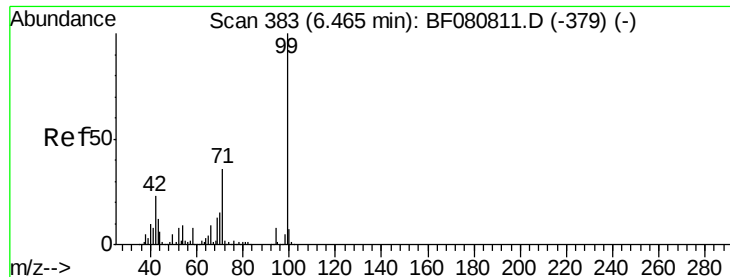
Ion Ratio Lower Upper

112 100

64 79.9 55.0 82.4

63 42.4 28.6 42.8





#7

Phenol-d6

Concen: 97.90 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

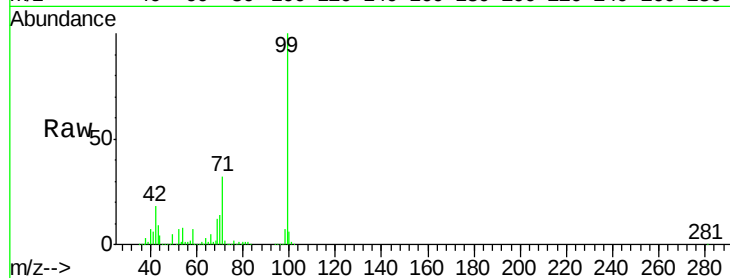
Tgt Ion: 99 Resp: 1443305

Ion Ratio Lower Upper

99 100

42 17.7 18.4 27.6#

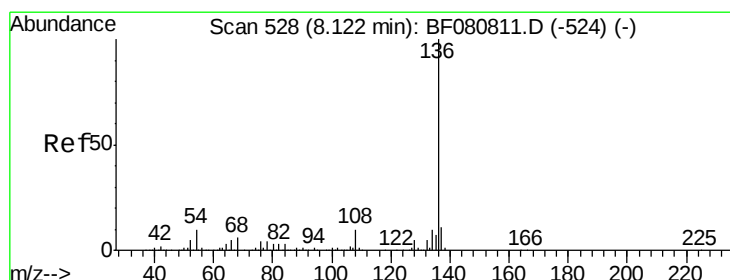
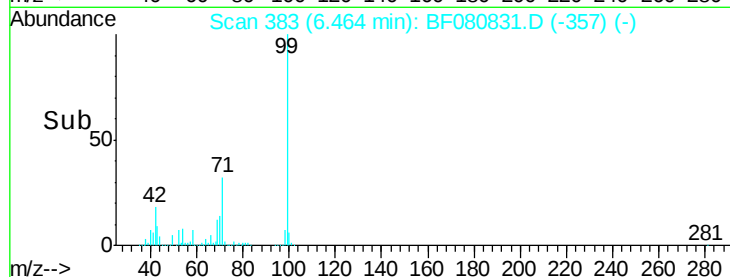
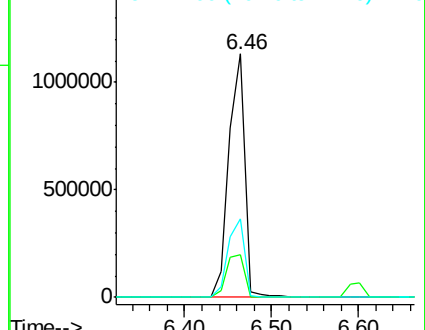
71 32.0 28.7 43.1



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: BF080831.D

Acq: 4 Aug 2015 8:42

Tgt Ion: 136 Resp: 666777

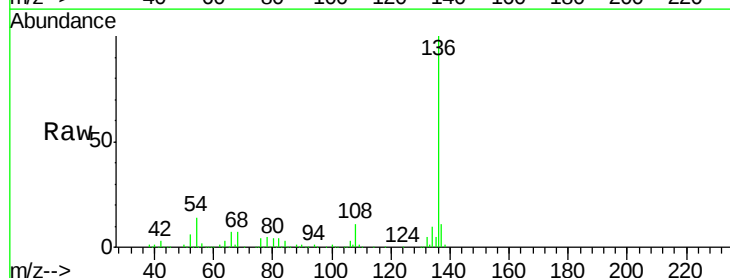
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 13.6 7.9 11.9#

68 6.8 4.4 6.6#

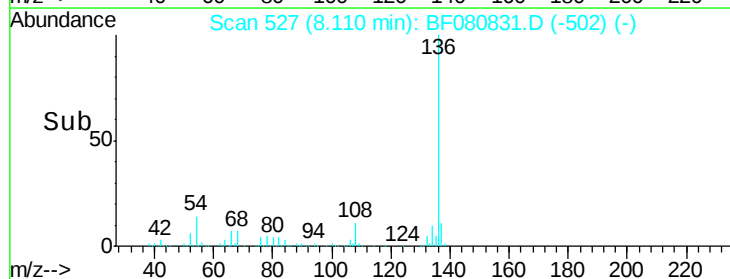
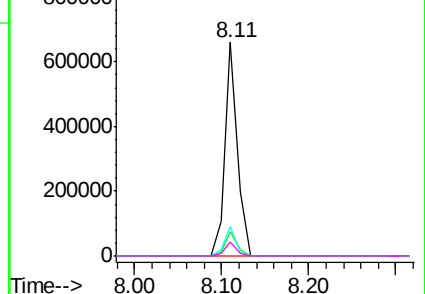


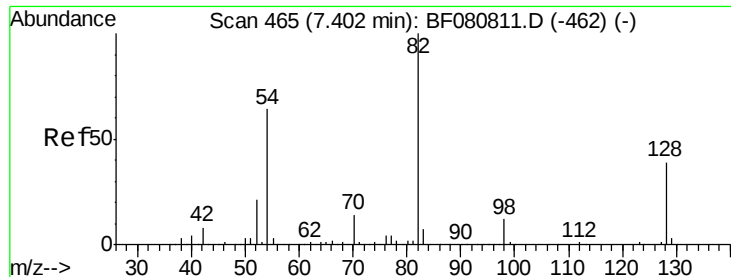
Abundance Ion 136.00 (135.70 to 136.70): E

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

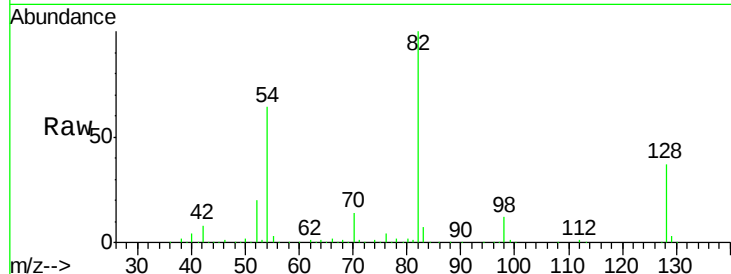




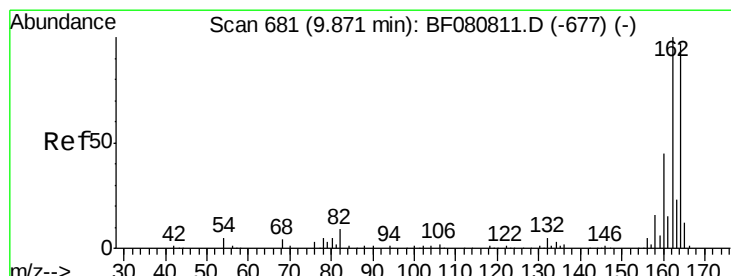
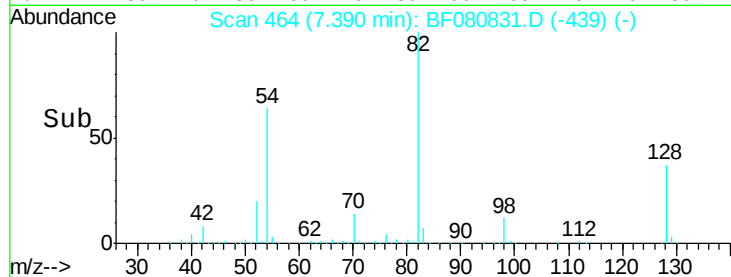
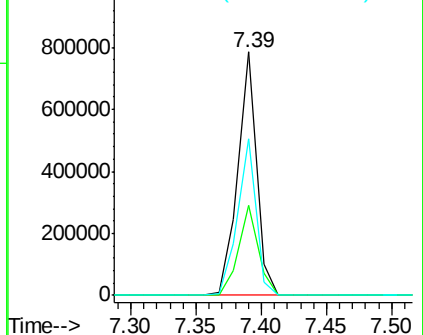
#23
 Nitrobenzene-d5
 Concen: 57.81 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF080831.D
 Acq: 4 Aug 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-22-04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.2	31.4	47.0
54	64.4	51.0	76.4

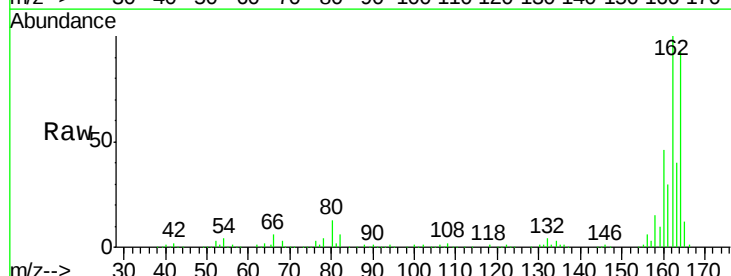


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

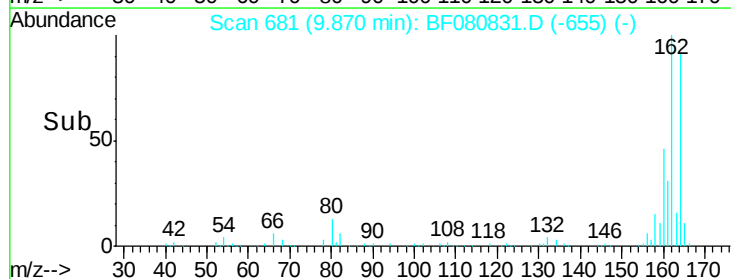
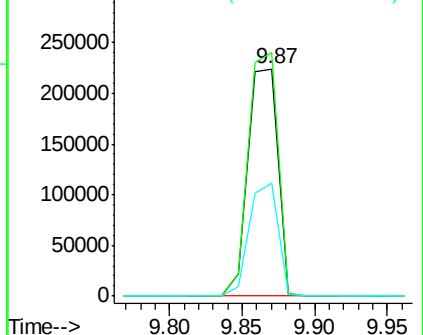


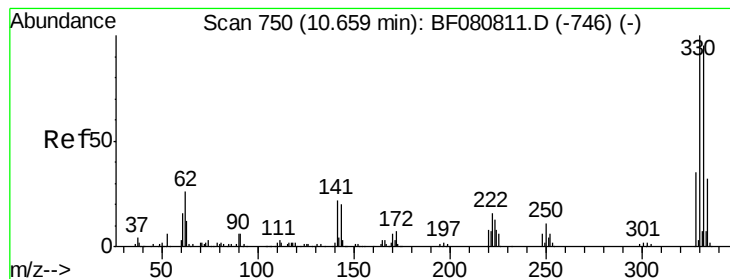
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080831.D
 Acq: 4 Aug 2015 8:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.3	123.5
160	49.6	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: 98.59 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

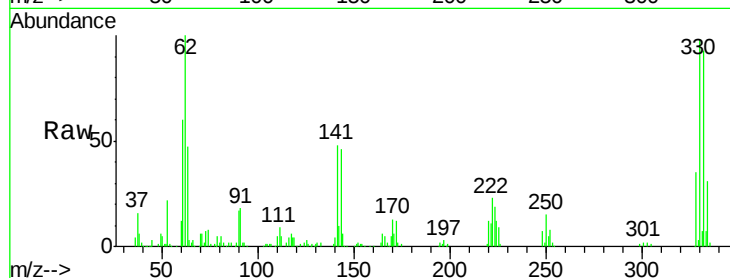
Tgt Ion:330 Resp: 306016

Ion Ratio Lower Upper

330 100

332 94.9 76.2 114.4

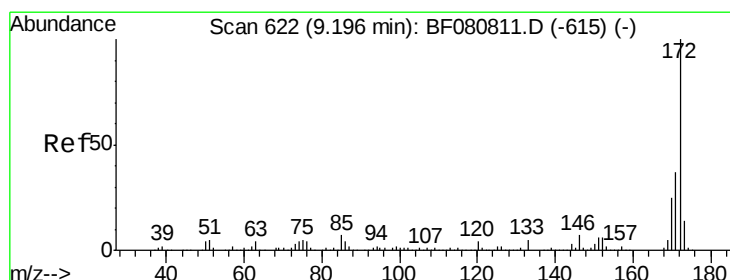
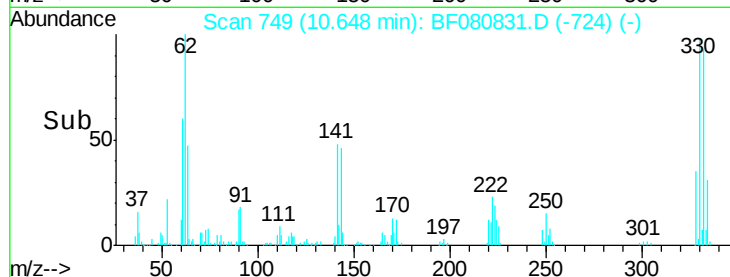
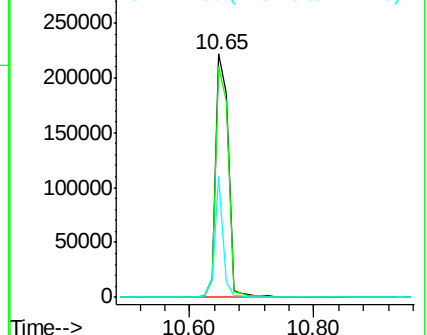
141 32.6 25.4 38.0



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: 63.23 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

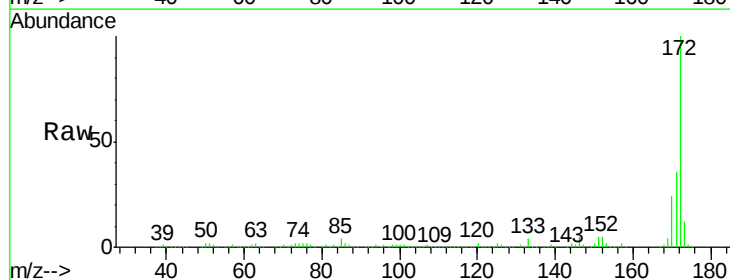
Tgt Ion:172 Resp: 1356017

Ion Ratio Lower Upper

172 100

171 35.6 30.0 45.0

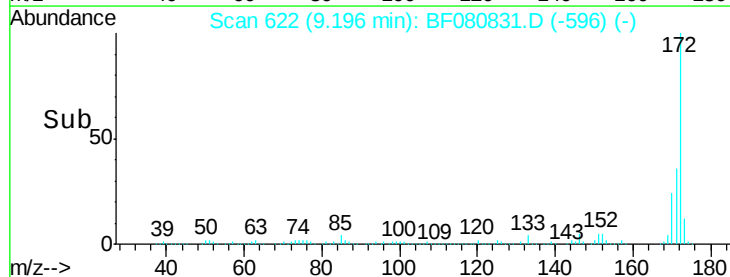
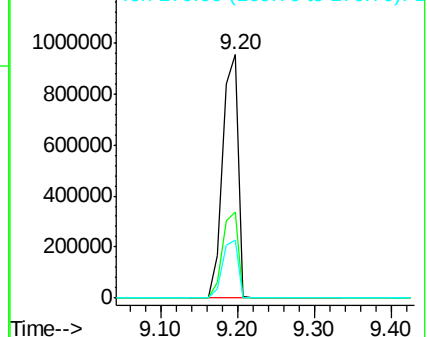
170 23.7 20.2 30.4

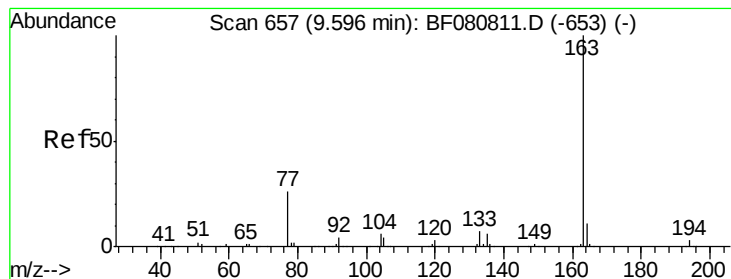


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.80 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

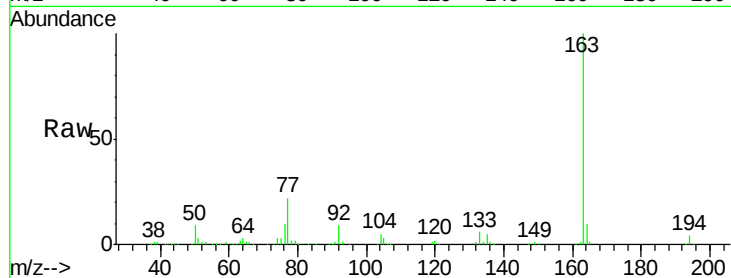
Tgt Ion:163 Resp: 340012

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

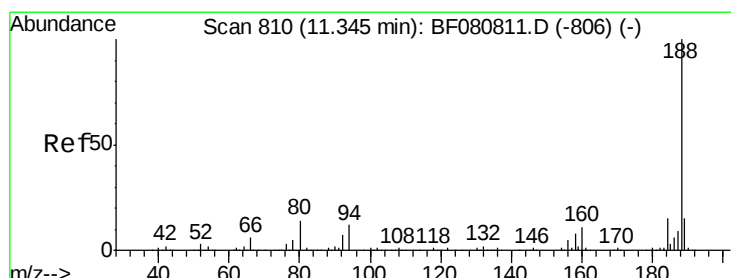
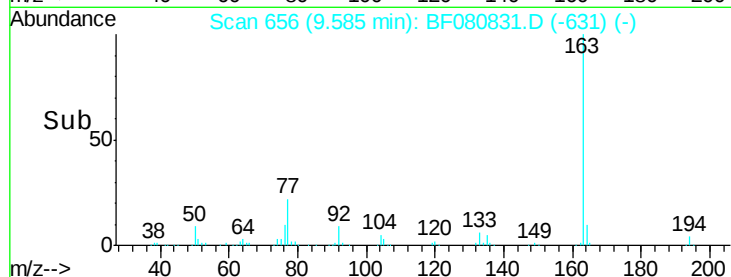
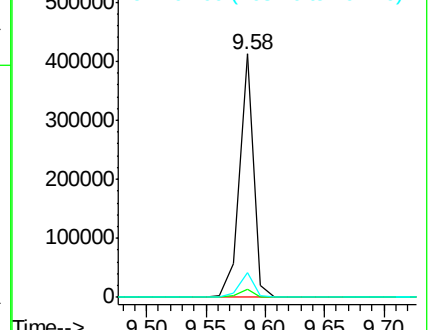
164 9.9 8.5 12.7



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: BF080831.D

Acq: 4 Aug 2015 8:42

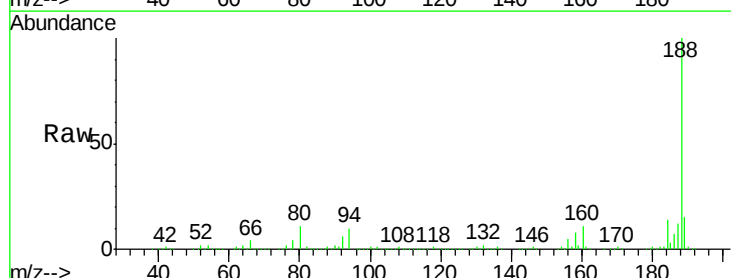
Tgt Ion:188 Resp: 607690

Ion Ratio Lower Upper

188 100

94 9.9 9.7 14.5

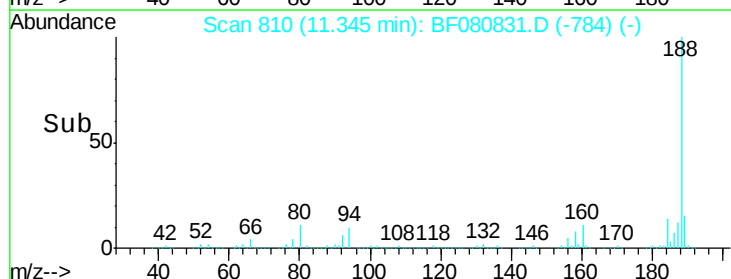
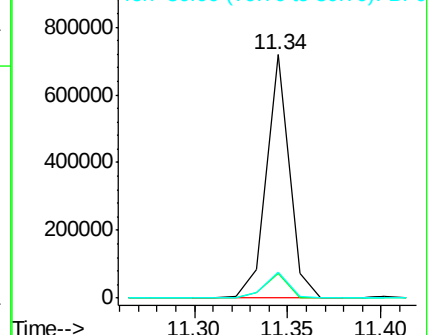
80 10.8 11.2 16.8#

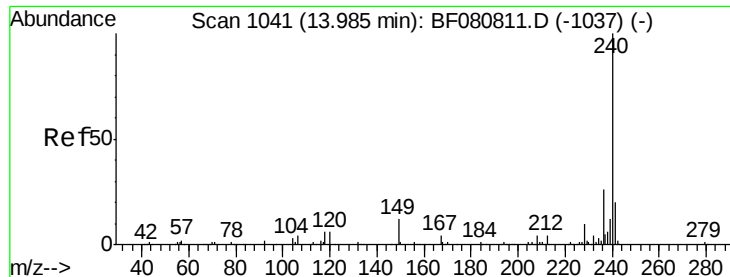


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF080831.D

Acq: 4 Aug 2015 8:42

Instrument :

BNA_F

ClientSampleId :

TU021-SB-22-04

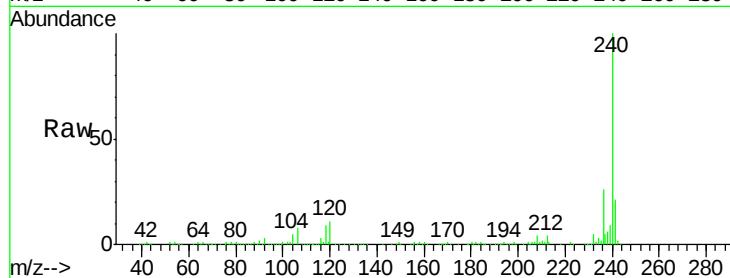
Tgt Ion:240 Resp: 366722

Ion Ratio Lower Upper

240 100

120 10.7 5.0 7.4#

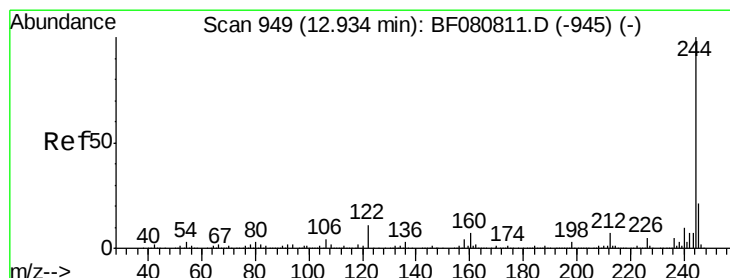
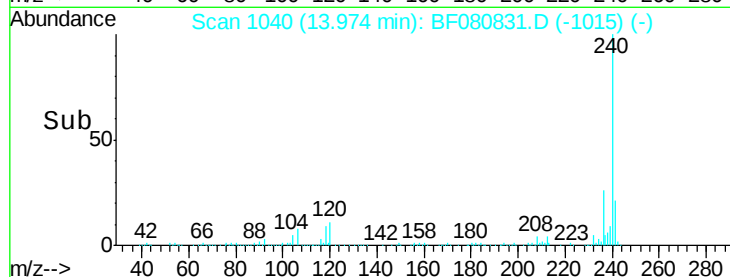
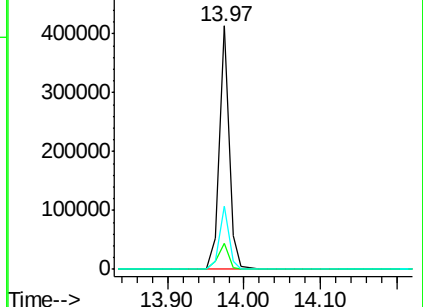
236 26.0 20.8 31.2



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: 58.52 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF080831.D

Acq: 4 Aug 2015 8:42

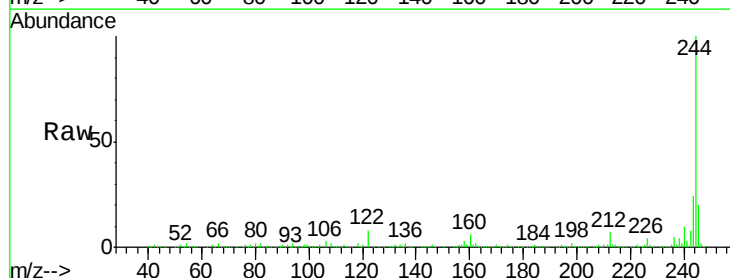
Tgt Ion:244 Resp: 1071797

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

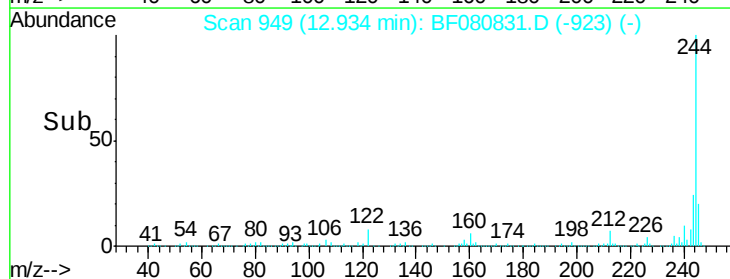
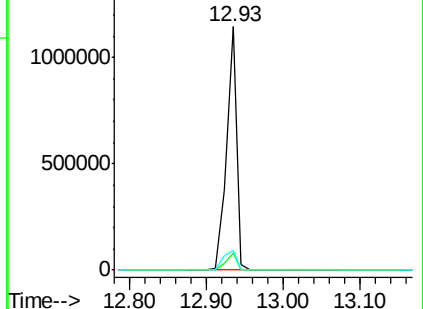
122 8.2 9.1 13.7#

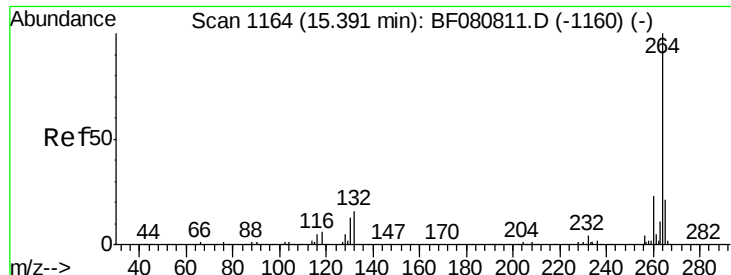


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080831.D
Acq: 4 Aug 2015 8:42

Instrument :
BNA_F
ClientSampleId :
TU021-SB-22-04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	21.0	17.0	25.6

