

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082912.D
 Acq On : 13 Nov 2015 22:23
 Operator : UM/IZ
 Sample : G4370-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS001-01

Quant Time: Nov 14 05:48:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

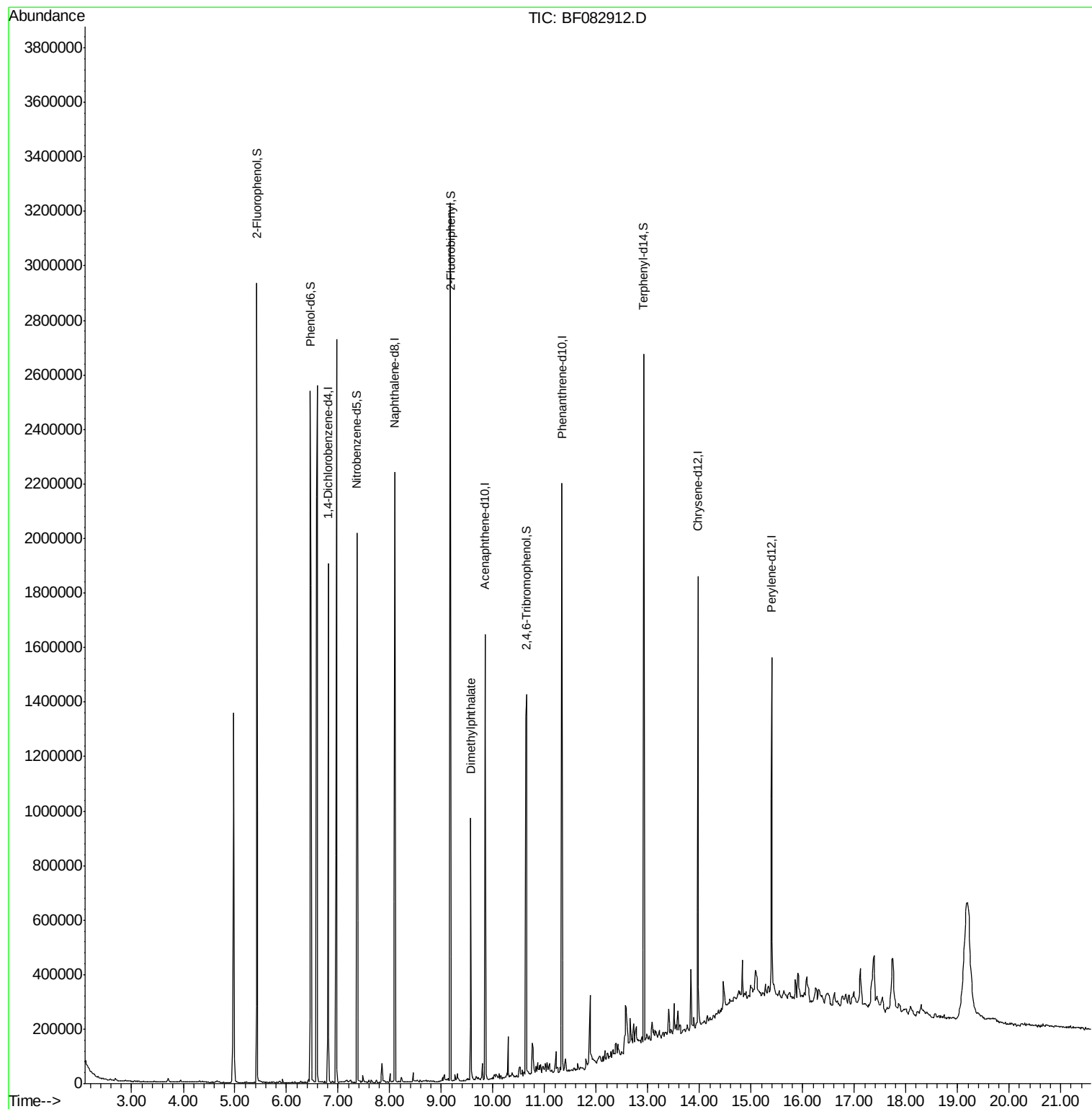
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	247871	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	968109	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	438809	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	738471	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	559290	20.00	ng	-0.05
86) Perylene-d12	15.40	264	594577	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	824178	51.74	ng	-0.02
7) Phenol-d6	6.46	99	1187369	56.06	ng	-0.01
23) Nitrobenzene-d5	7.37	82	704524	31.67	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	245710	48.84	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	885960	28.94	ng	-0.05
78) Terphenyl-d14	12.92	244	713425	30.25	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.57	163	362207	10.07	ng	Qvalue 99

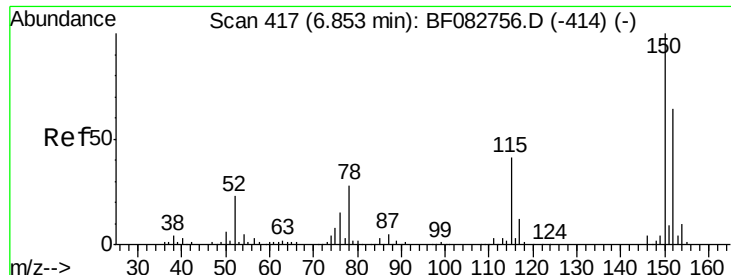
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01

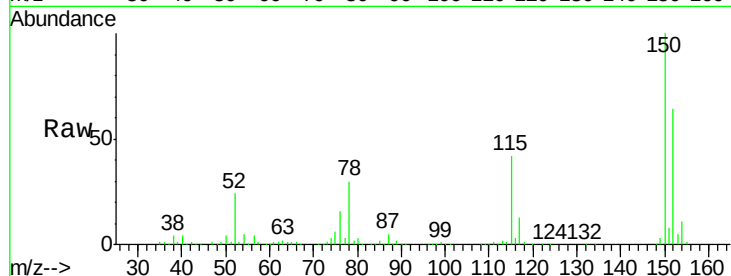
Tgt Ion:152 Resp: 247871

Ion Ratio Lower Upper

152 100

150 156.0 127.0 190.4

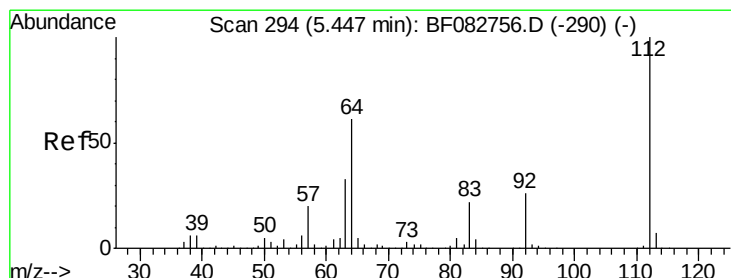
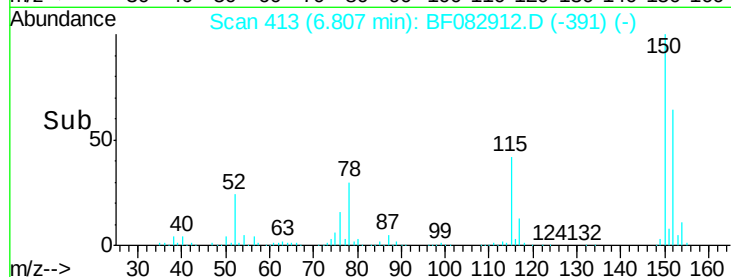
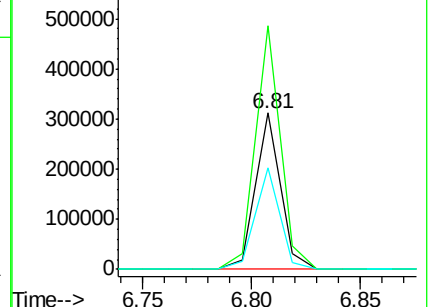
115 65.3 47.0 70.6



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: 51.74 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

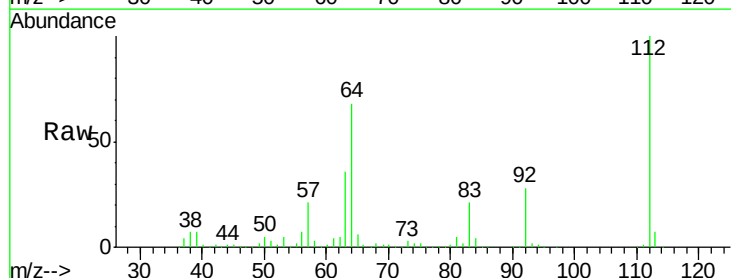
Tgt Ion:112 Resp: 824178

Ion Ratio Lower Upper

112 100

64 68.3 48.9 73.3

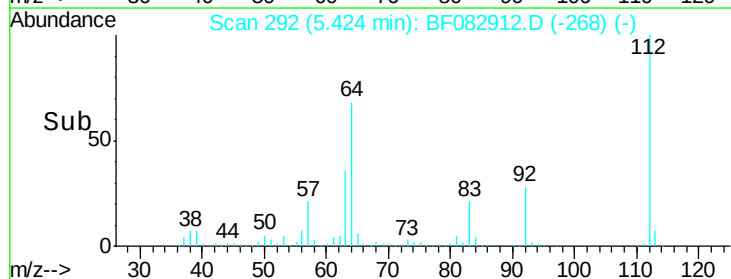
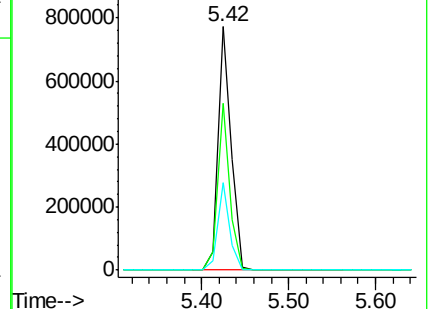
63 35.7 28.1 42.1

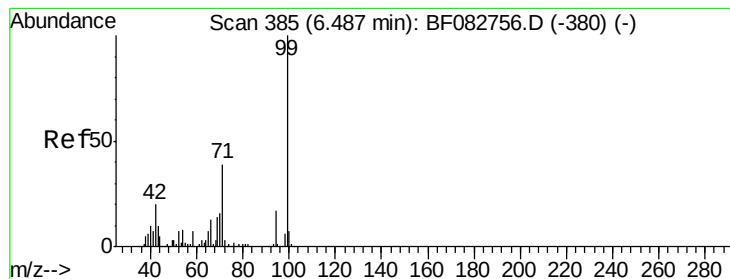


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 56.06 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01

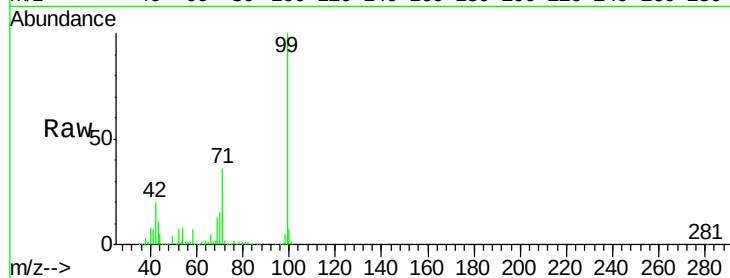
Tgt Ion: 99 Resp: 1187369

Ion Ratio Lower Upper

99 100

42 20.1 19.2 28.8

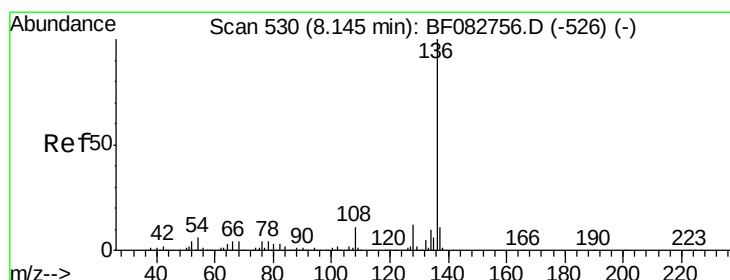
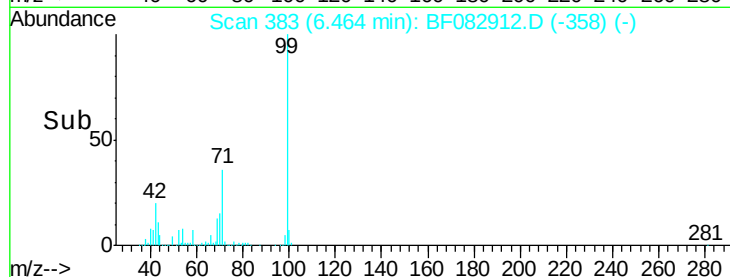
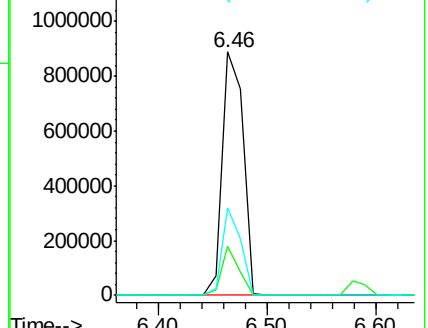
71 35.9 35.0 52.4



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: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

Tgt Ion: 136 Resp: 968109

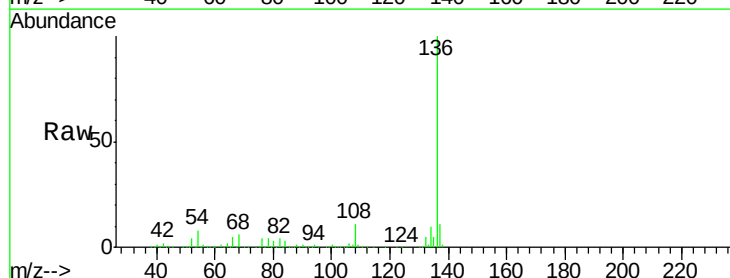
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.9 9.1 13.7#

68 5.9 4.8 7.2

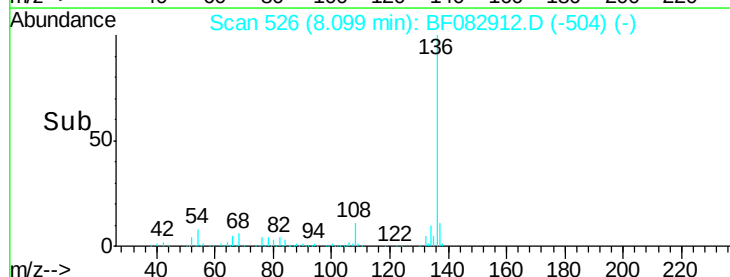
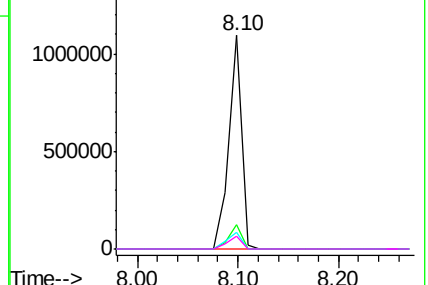


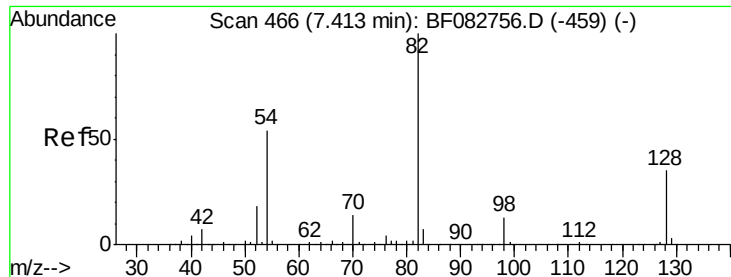
Abundance Ion 136.00 (135.70 to 136.70): E

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

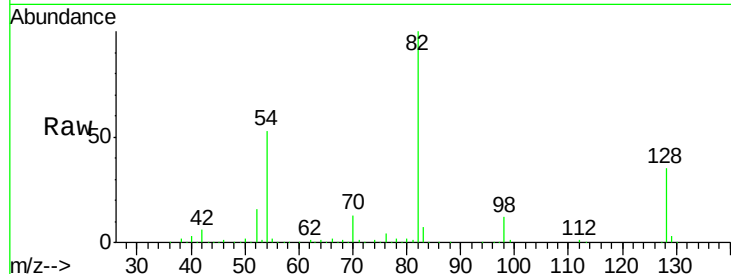




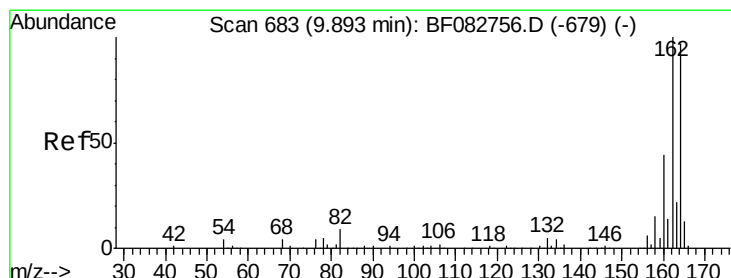
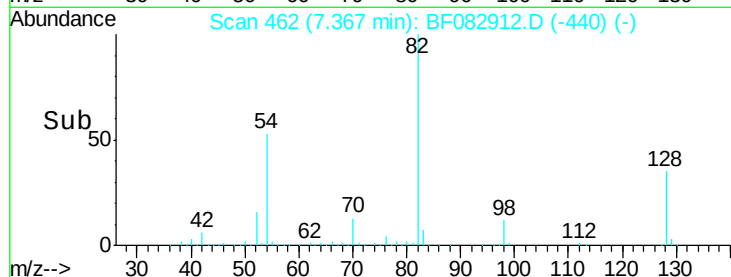
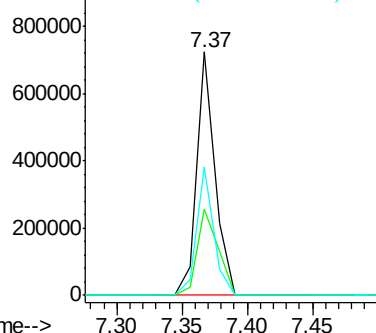
#23
 Nitrobenzene-d5
 Concen: 31.67 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082912.D
 Acq: 13 Nov 2015 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS001-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	26.8	40.2
54	52.9	45.7	68.5

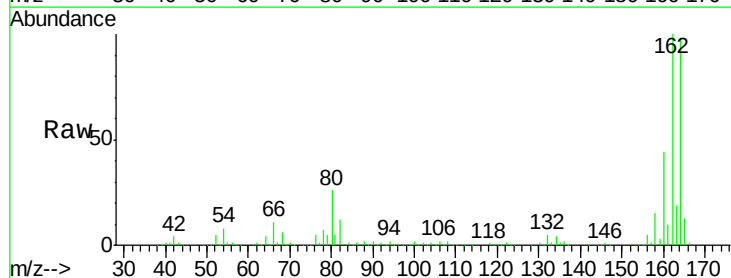


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

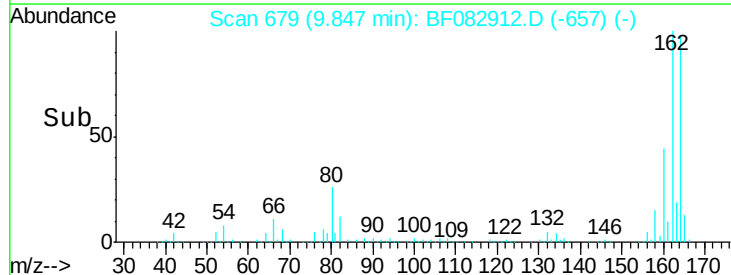
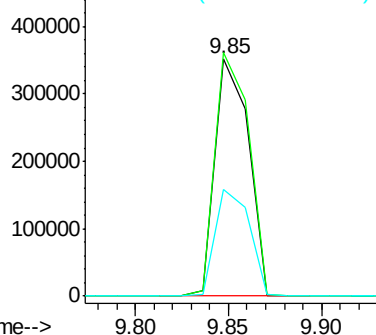


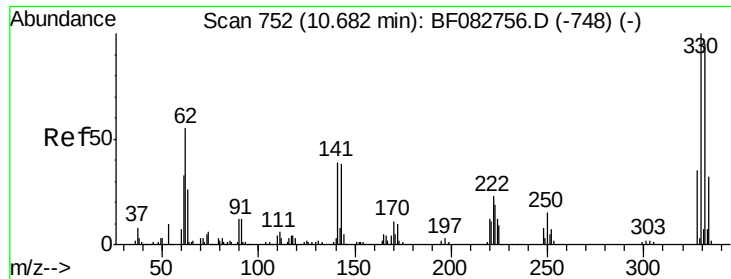
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF082912.D
 Acq: 13 Nov 2015 22:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.9	127.3
160	44.6	37.5	56.3



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

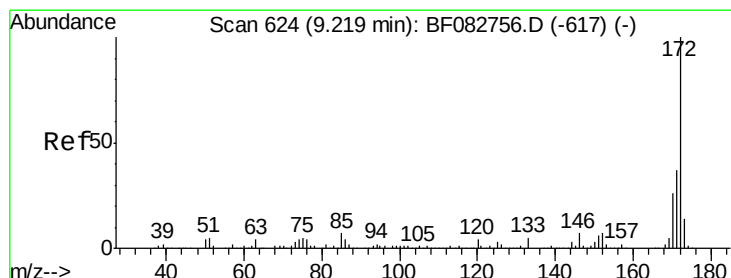
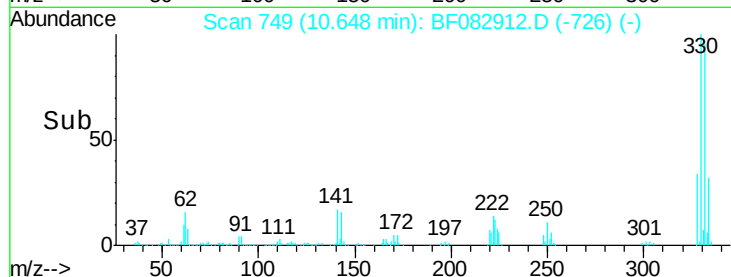
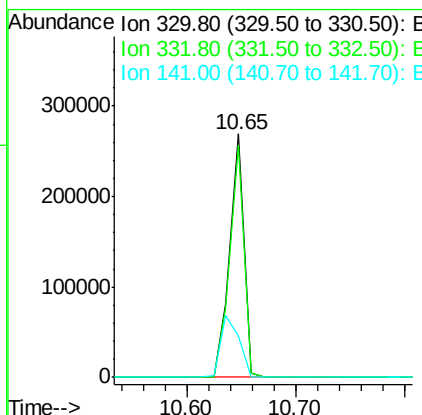
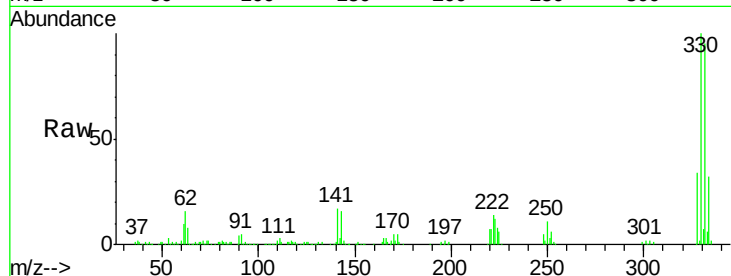




#41
 2,4,6-Tribromophenol
 Concen: 48.84 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082912.D
 Acq: 13 Nov 2015 22:23

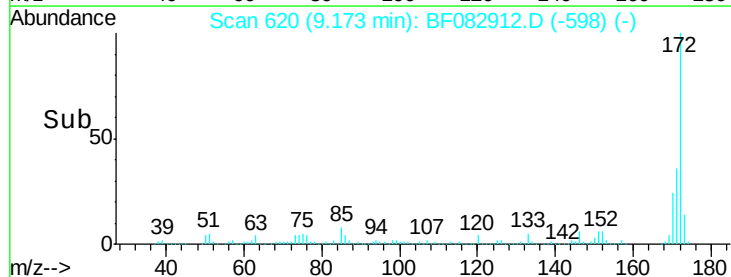
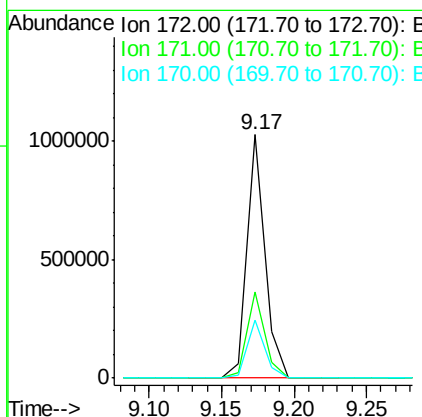
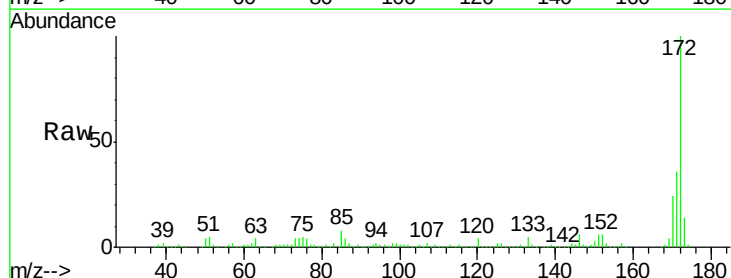
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS001-01

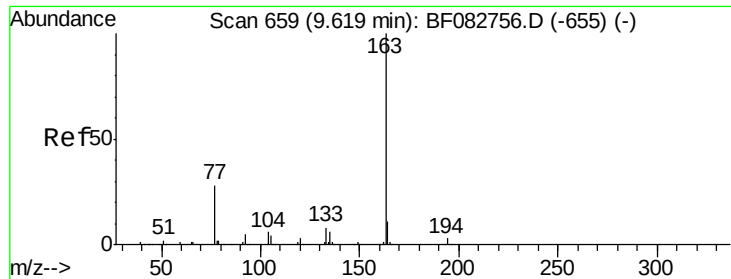
Tgt Ion:330 Resp: 245710
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 32.6 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 28.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082912.D
 Acq: 13 Nov 2015 22:23

Tgt Ion:172 Resp: 885960
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.8 46.2
 170 23.6 21.2 31.8

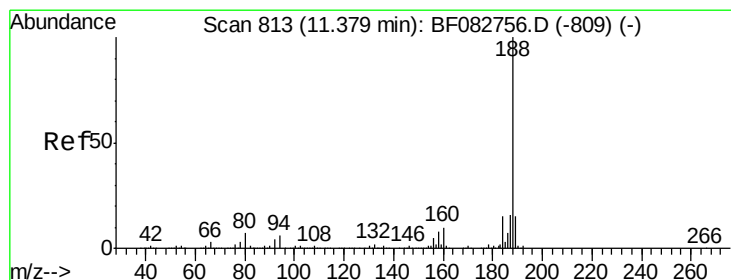
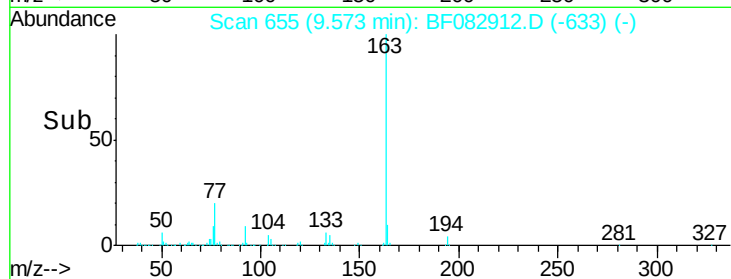
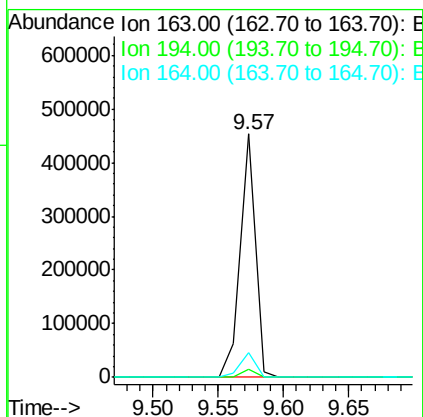
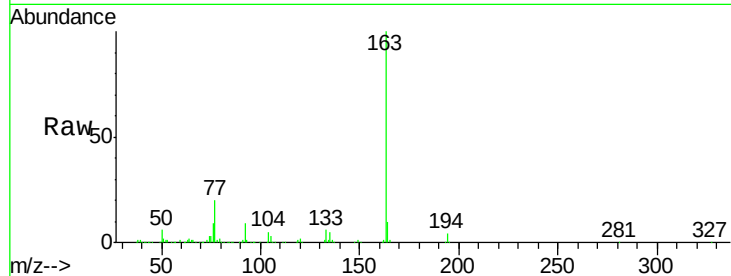




#49
Dimethylphthalate
Concen: 10.07 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082912.D
Acq: 13 Nov 2015 22:23

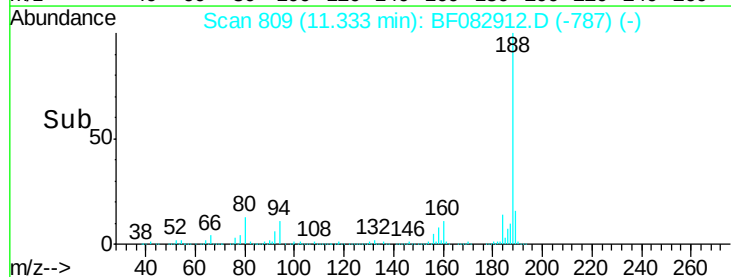
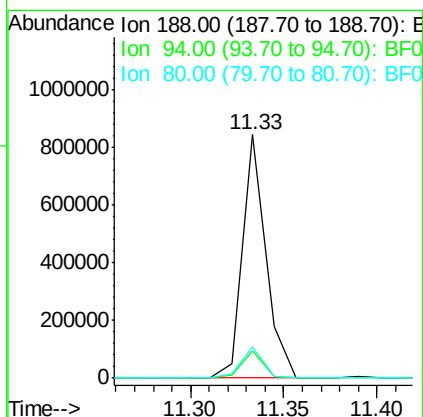
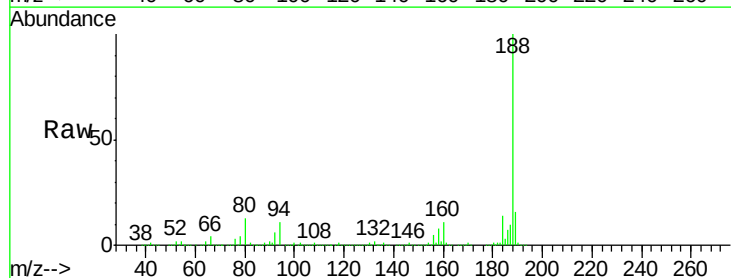
Instrument :
BNA_F
ClientSampleId :
P001-TS001-01

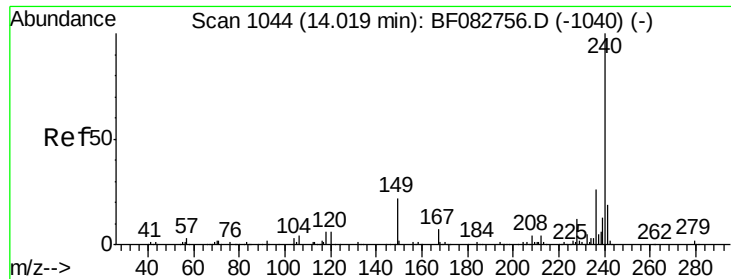
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.7	13.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082912.D
Acq: 13 Nov 2015 22:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.1	9.1#
80	12.6	7.0	10.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

Instrument :

BNA_F

ClientSampleId :

P001-TS001-01

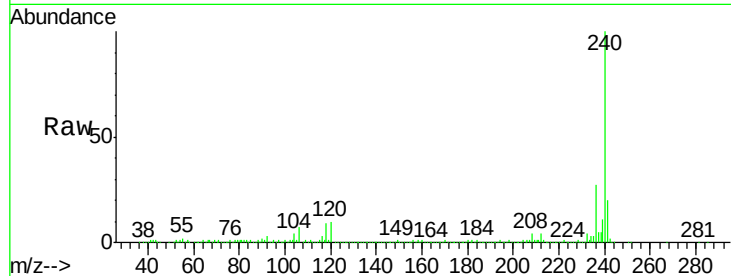
Tgt Ion:240 Resp: 559290

Ion Ratio Lower Upper

240 100

120 10.1 10.9 16.3#

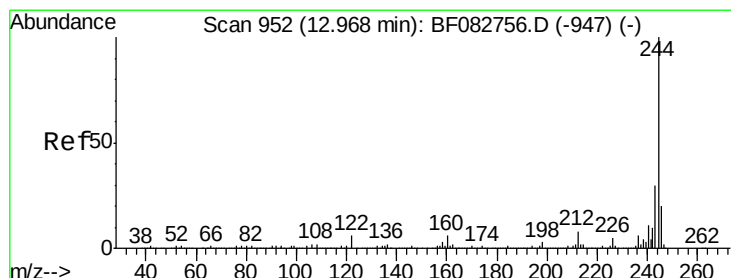
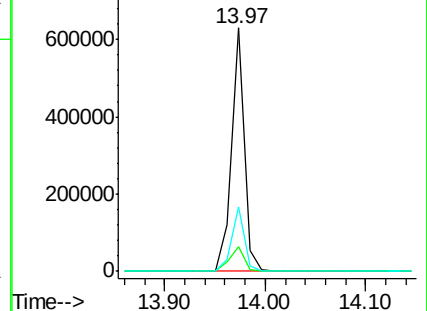
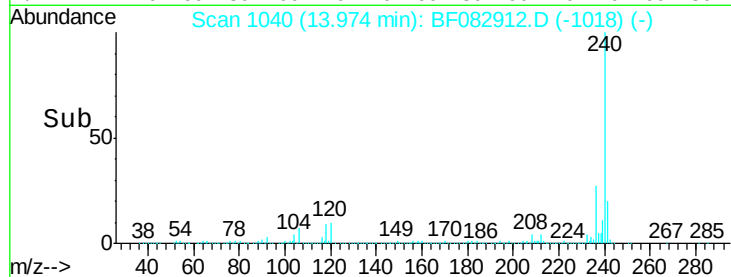
236 26.5 21.6 32.4



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: 30.25 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082912.D

Acq: 13 Nov 2015 22:23

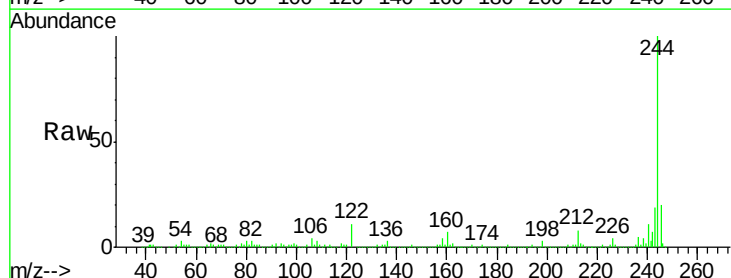
Tgt Ion:244 Resp: 713425

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

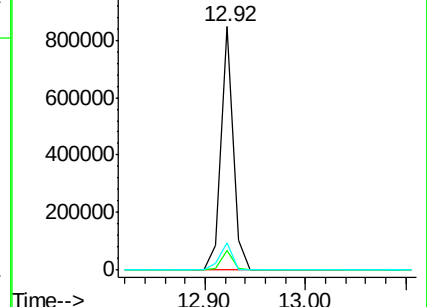
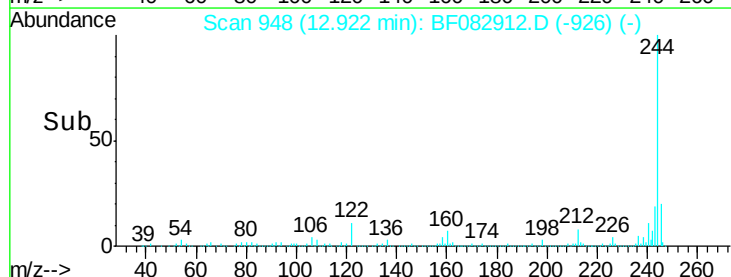
122 11.4 11.3 16.9

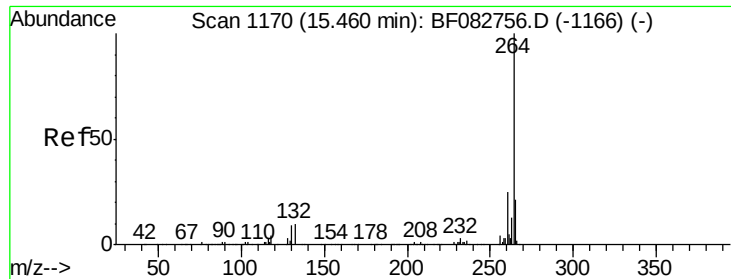


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165
 Delta R.T. -0.06 min
 Lab File: BF082912.D
 Acq: 13 Nov 2015 22:23

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS001-01

Tgt Ion: 264 Resp: 594577
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 22.0 17.4 26.0

