

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082936.D
 Acq On : 14 Nov 2015 11:04
 Operator : UM/IZ
 Sample : PB86619BL
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BL

Quant Time: Nov 16 01:09:44 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	183823	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	676040	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	365698	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	583011	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	399952	20.00	ng	-0.06
86) Perylene-d12	15.38	264	385422	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1357516	114.90	ng	-0.01
7) Phenol-d6	6.46	99	1819936	115.87	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1087394	69.99	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	354603	84.57	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1824776	71.52	ng	-0.05
78) Terphenyl-d14	12.92	244	1641244	97.33	ng	-0.04

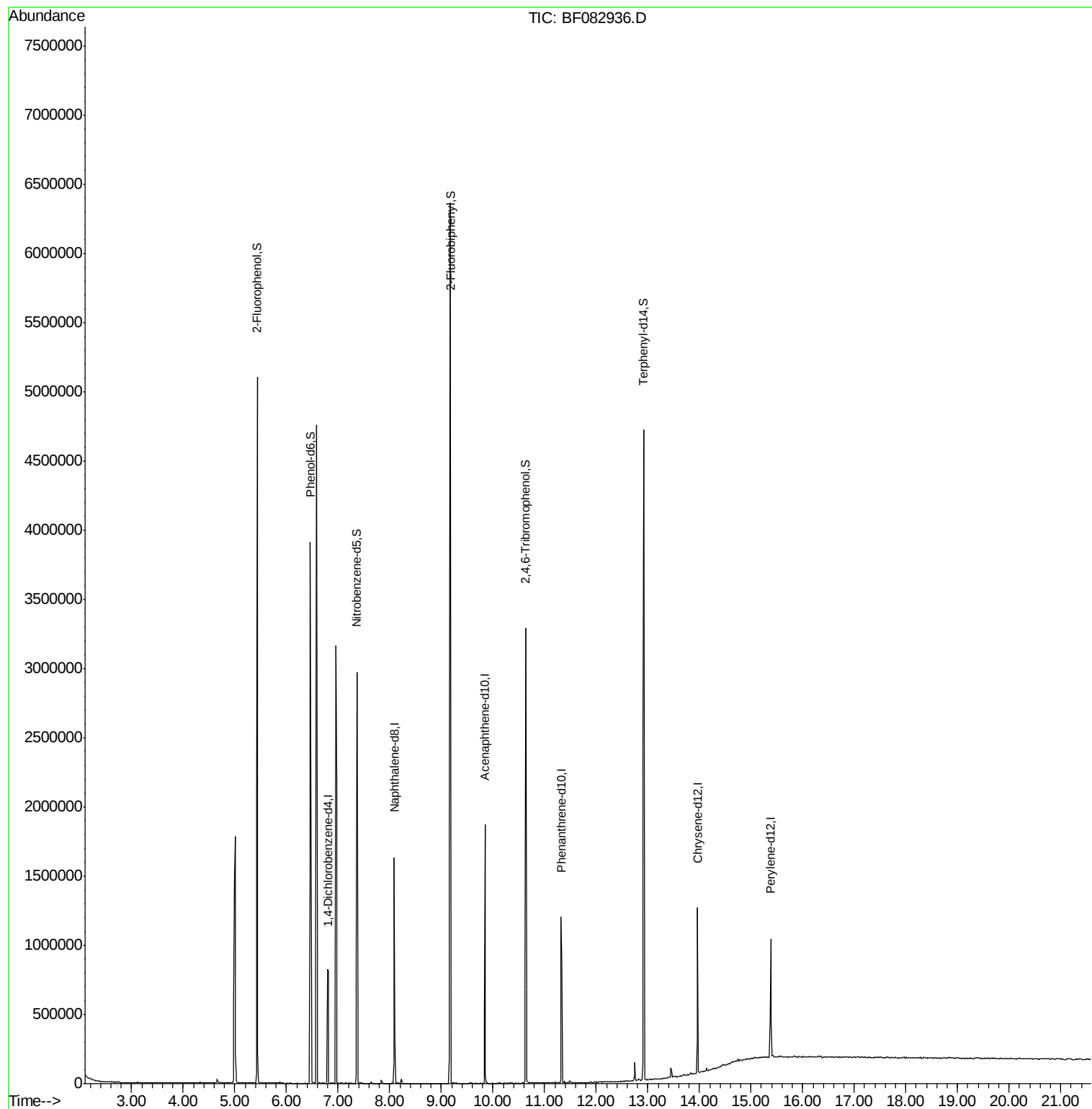
Target Compounds	Qvalue
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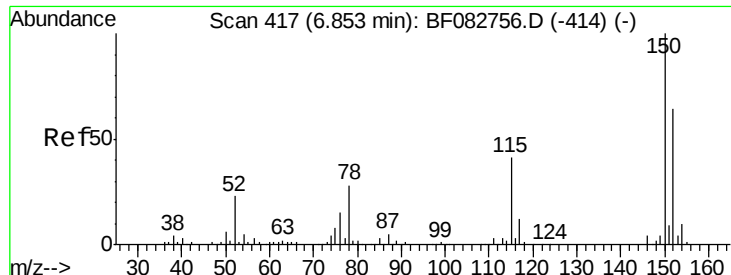
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082936.D

Acq: 14 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

PB86619BL

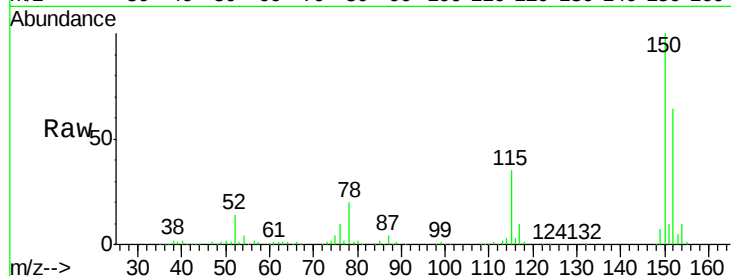
Tgt Ion:152 Resp: 183823

Ion Ratio Lower Upper

152 100

150 156.6 127.0 190.4

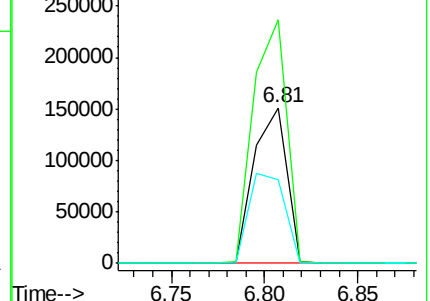
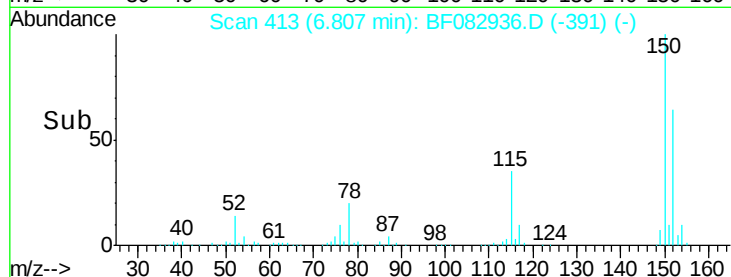
115 54.0 47.0 70.6



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: 114.90 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

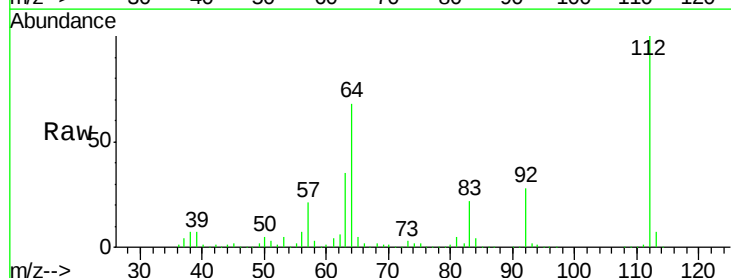
Tgt Ion:112 Resp: 1357516

Ion Ratio Lower Upper

112 100

64 68.3 48.9 73.3

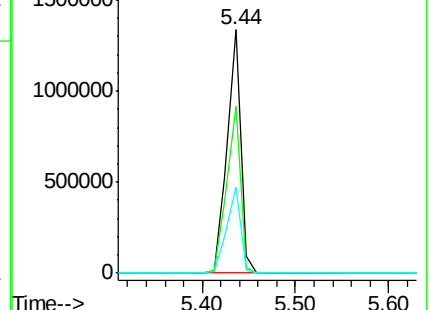
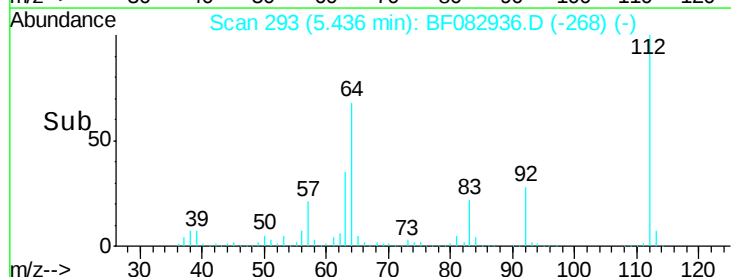
63 35.4 28.1 42.1



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: 115.87 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

PB86619BL

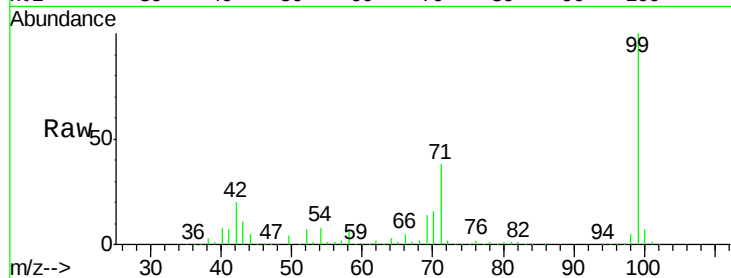
Tgt Ion: 99 Resp: 1819936

Ion Ratio Lower Upper

99 100

42 20.5 19.2 28.8

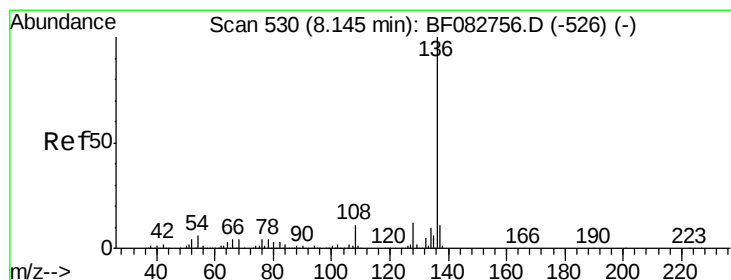
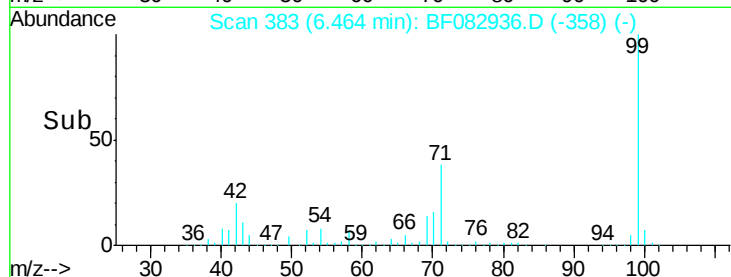
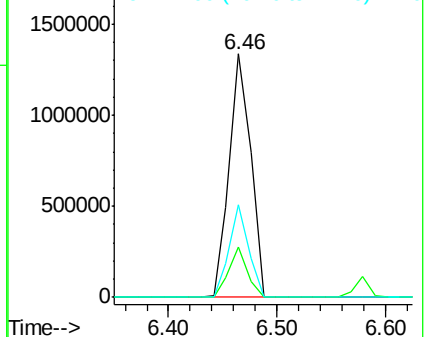
71 38.0 35.0 52.4



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: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

Tgt Ion: 136 Resp: 676040

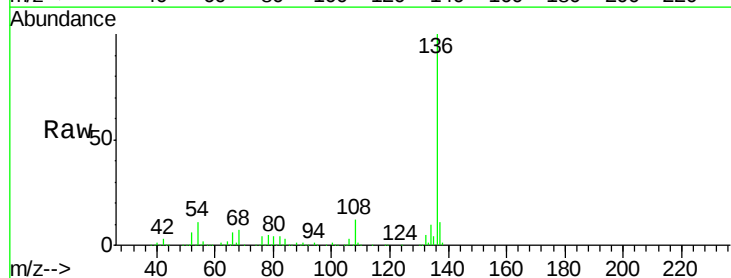
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.6 9.1 13.7

68 7.1 4.8 7.2

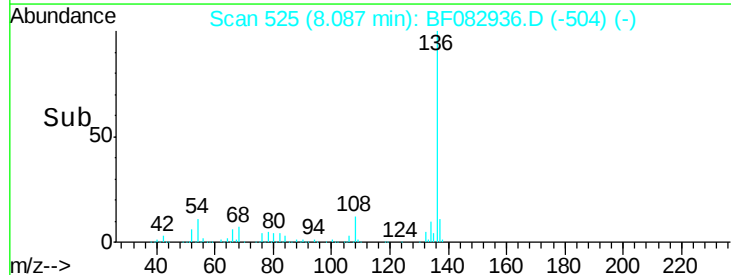
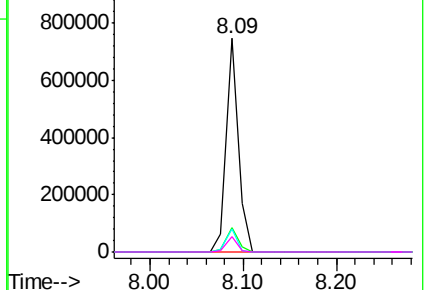


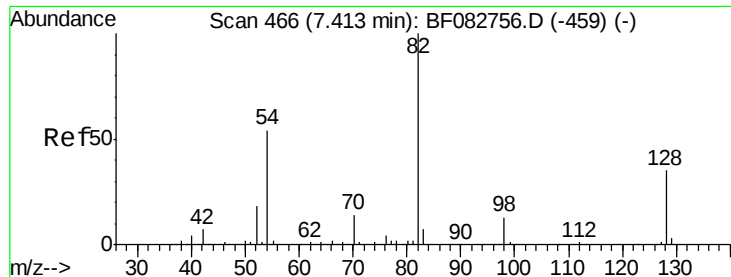
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.99 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.04 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

Instrument :

BNA_F

ClientSampled :

PB86619BL

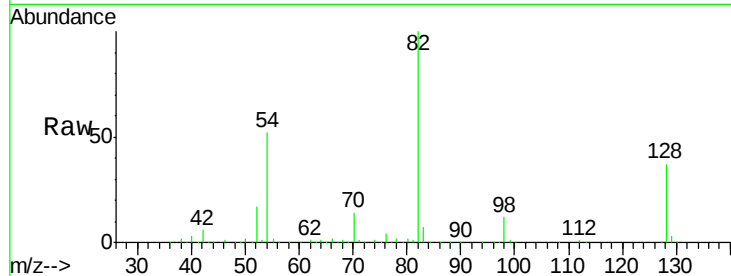
Tgt Ion: 82 Resp: 1087394

Ion Ratio Lower Upper

82 100

128 37.1 26.8 40.2

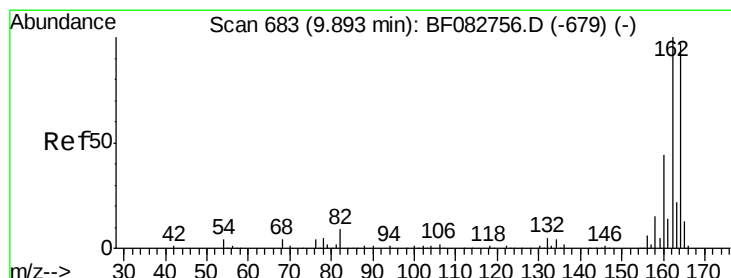
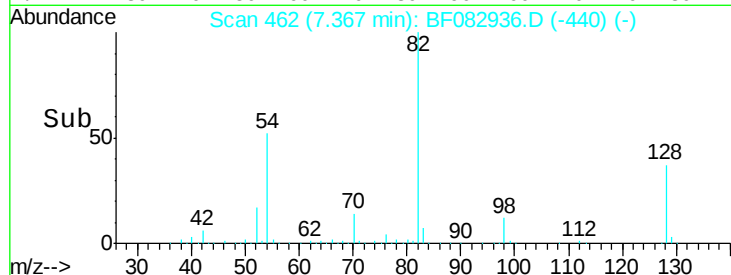
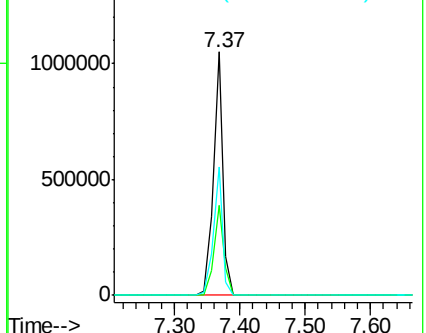
54 52.5 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF082936.D

Acq: 14 Nov 2015 11:04

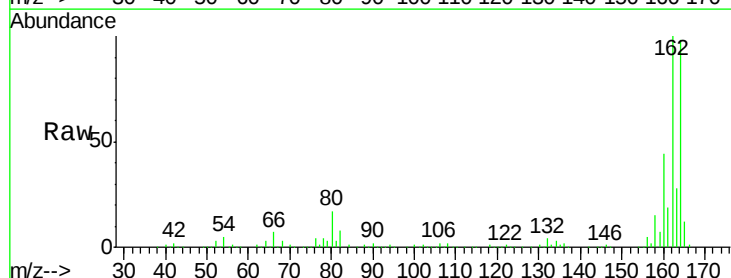
Tgt Ion: 164 Resp: 365698

Ion Ratio Lower Upper

164 100

162 101.9 84.9 127.3

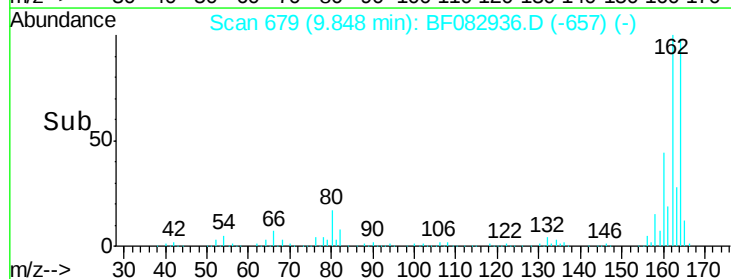
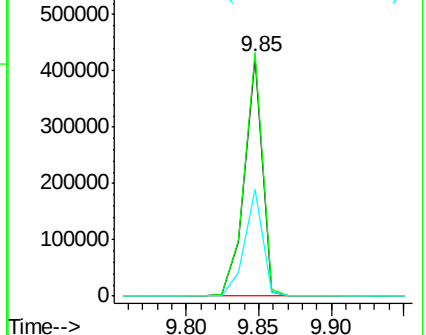
160 44.5 37.5 56.3

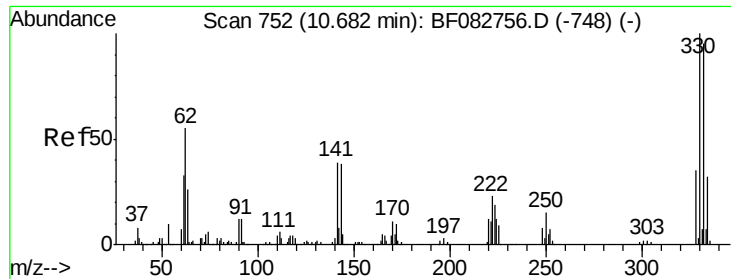


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

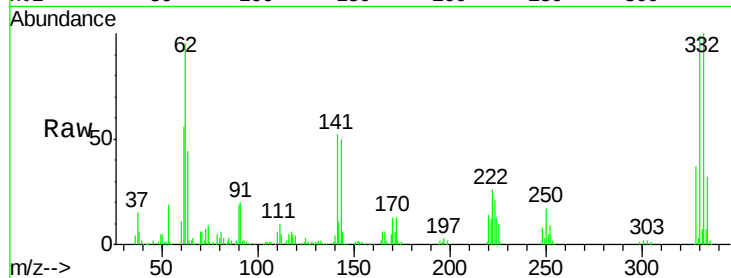




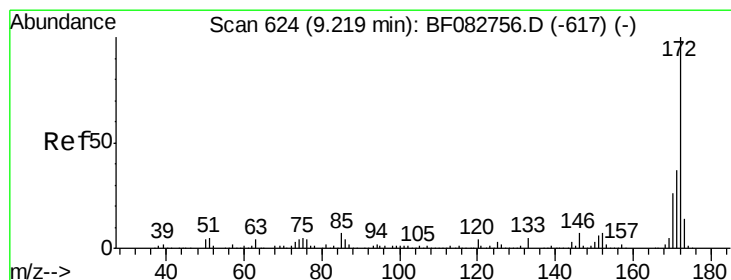
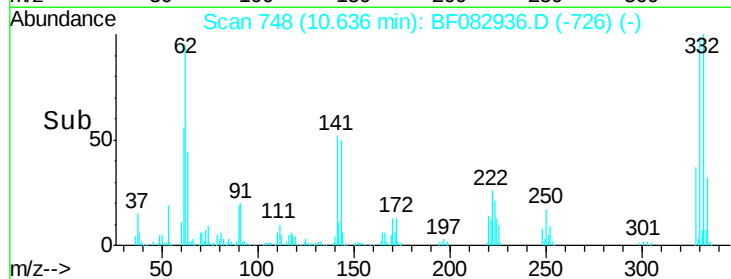
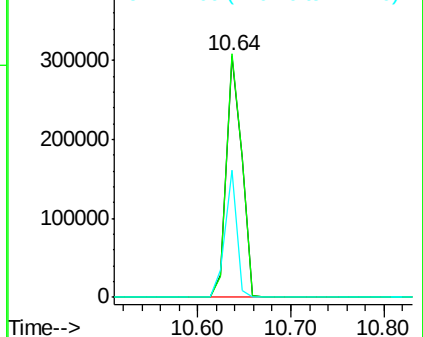
#41
 2,4,6-Tribromophenol
 Concen: 84.57 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BL

Tgt Ion:330 Resp: 354603
 Ion Ratio Lower Upper
 330 100
 332 100.2 76.6 114.8
 141 40.0 41.2 61.8#

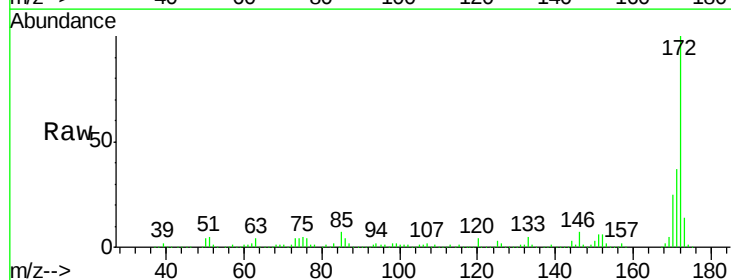


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

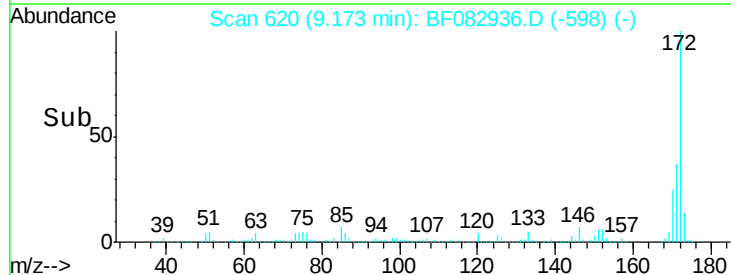
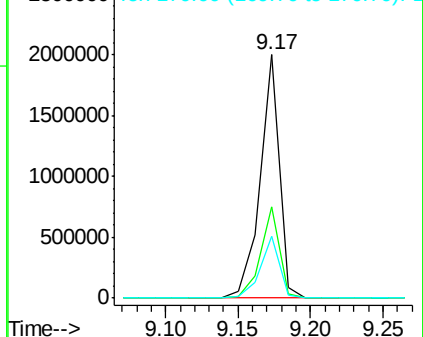


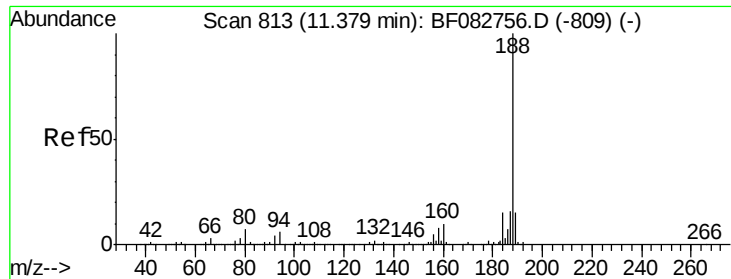
#44
 2-Fluorobiphenyl
 Concen: 71.52 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082936.D
 Acq: 14 Nov 2015 11:04

Tgt Ion:172 Resp: 1824776
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.4 21.2 31.8



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

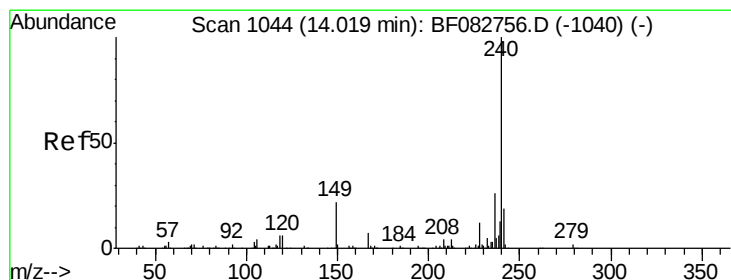
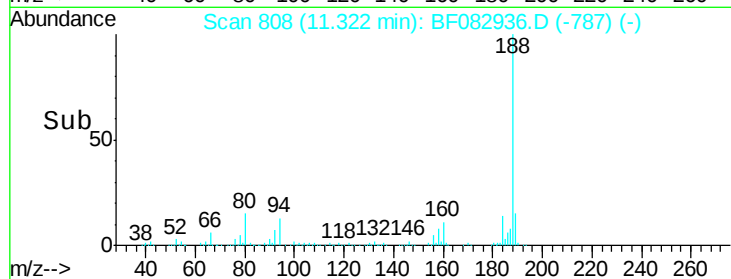
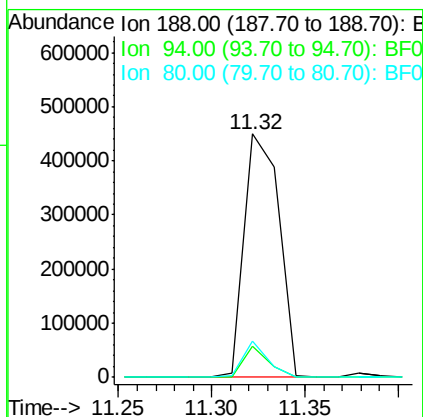
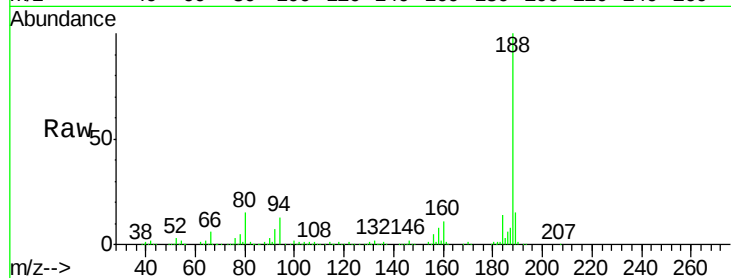




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF082936.D
Acq: 14 Nov 2015 11:04

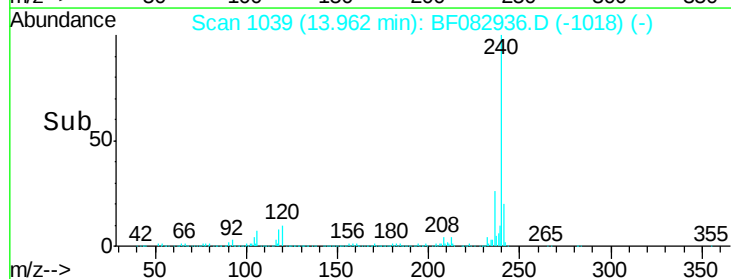
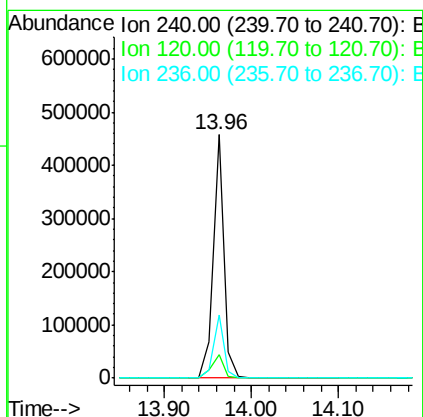
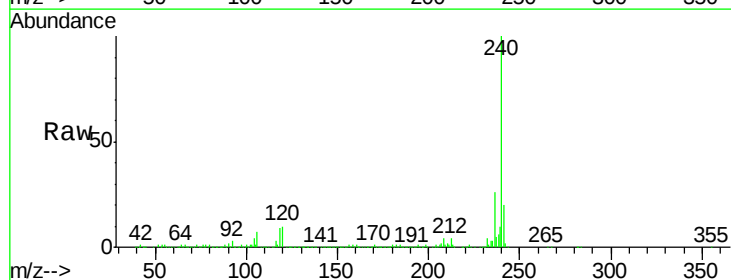
Instrument :
BNA_F
ClientSampleId :
PB86619BL

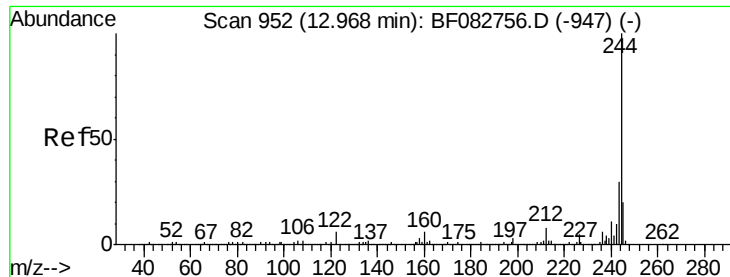
Tgt Ion:188 Resp: 583011
Ion Ratio Lower Upper
188 100
94 13.0 6.1 9.1#
80 14.8 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.06 min
Lab File: BF082936.D
Acq: 14 Nov 2015 11:04

Tgt Ion:240 Resp: 399952
Ion Ratio Lower Upper
240 100
120 9.7 10.9 16.3#
236 25.7 21.6 32.4





#78

Terphenyl-d14

Concen: 97.33 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

Instrument :

BNA_F

ClientSampleId :

PB86619BL

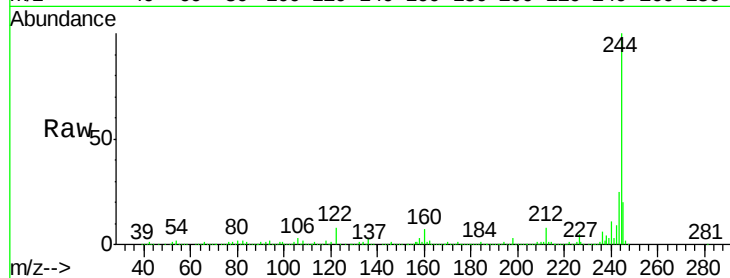
Tgt Ion:244 Resp: 1641244

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

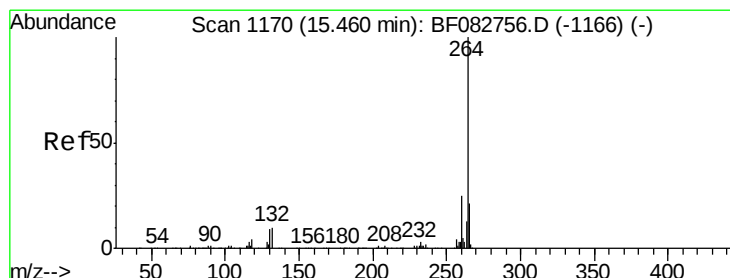
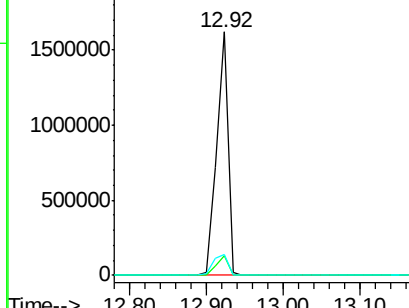
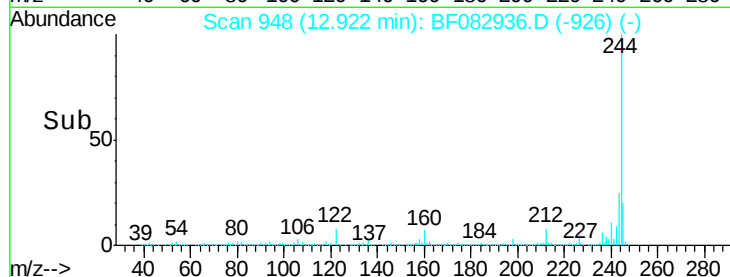
122 8.4 11.3 16.9#



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: 15.38 min Scan# 1163

Delta R.T. -0.08 min

Lab File: BF082936.D

Acq: 14 Nov 2015 11:04

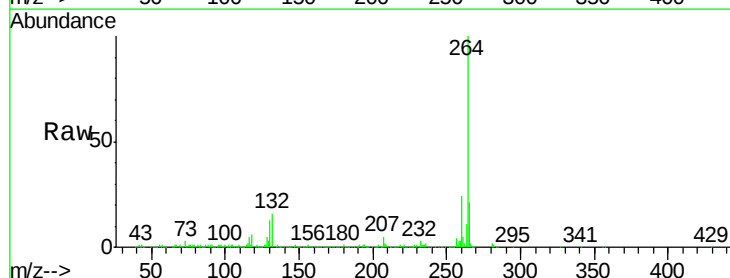
Tgt Ion:264 Resp: 385422

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

