

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081937.D
 Acq On : 1 Oct 2015 14:08
 Operator : UM/IZ
 Sample : PB85643BL
 Misc : LOD/LOQ
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85643BL

Quant Time: Oct 02 02:23:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	110929	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	448919	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	220276	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	443148	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	446308	20.00	ng	-0.06
86) Perylene-d12	15.50	264	337618	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	662915	108.48	ng	-0.02
7) Phenol-d6	6.53	99	955046	124.20	ng	-0.03
23) Nitrobenzene-d5	7.46	82	584666	86.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	264878	118.73	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1141521	87.14	ng	-0.05
78) Terphenyl-d14	13.01	244	1200940	87.67	ng	-0.05

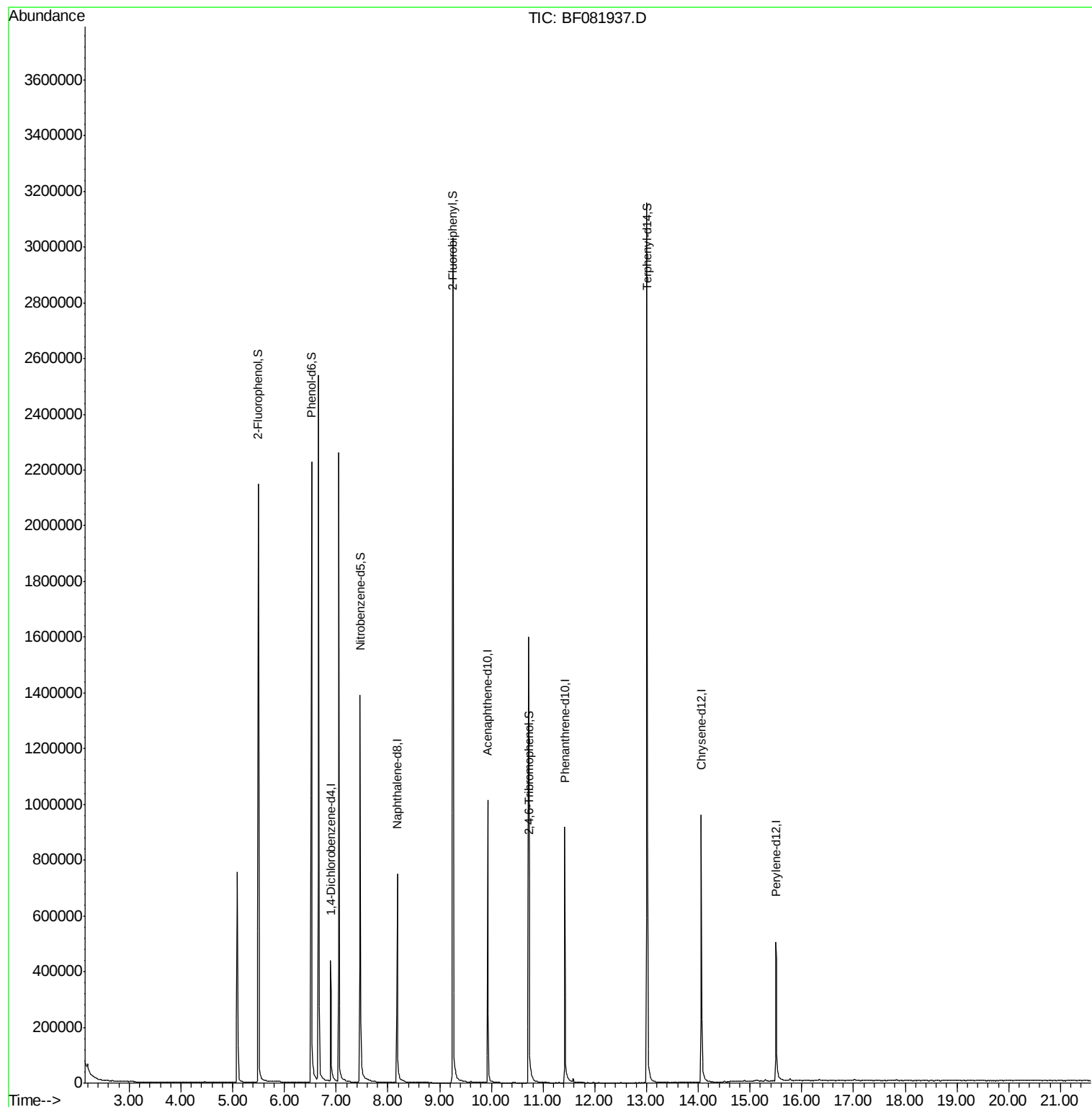
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

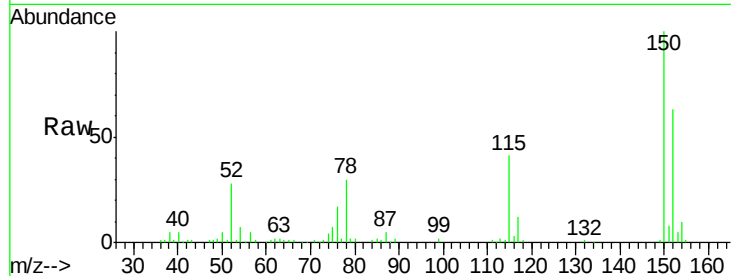
Tgt Ion:152 Resp: 110929

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

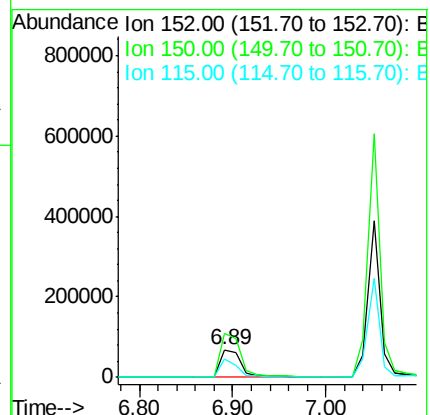
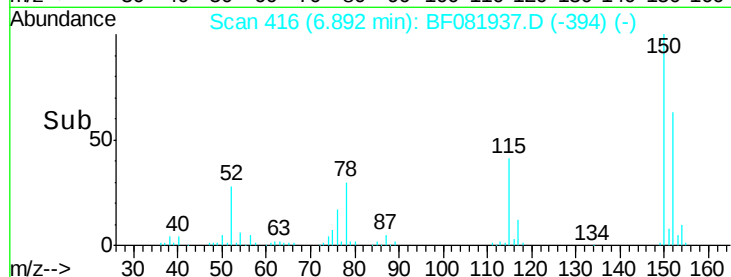
115 65.0 39.0 58.4#



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: 108.48 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

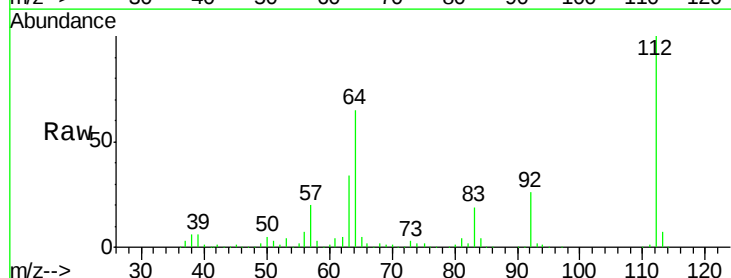
Tgt Ion:112 Resp: 662915

Ion Ratio Lower Upper

112 100

64 64.7 39.7 59.5#

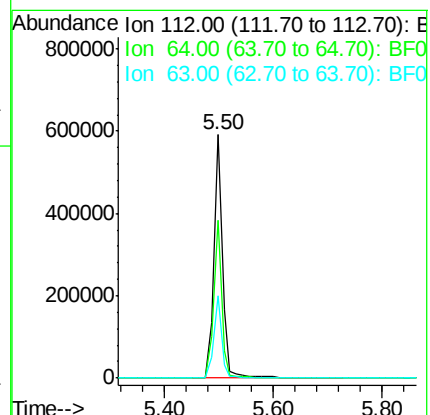
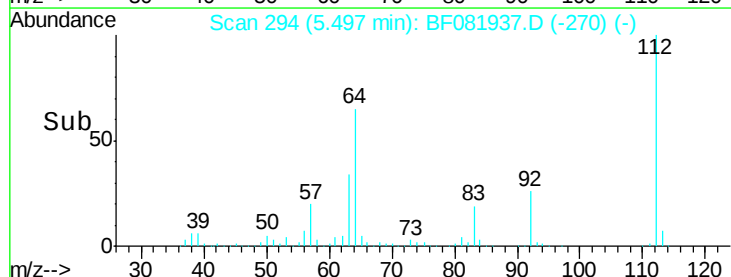
63 33.8 17.4 26.0#

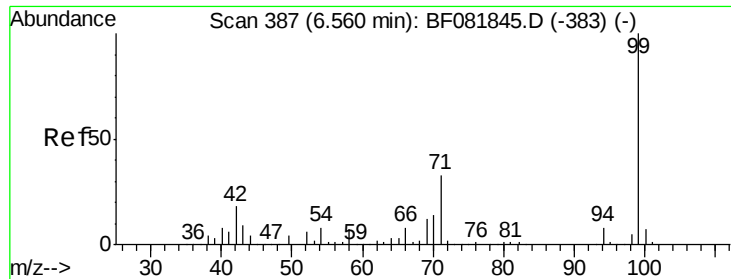


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.20 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

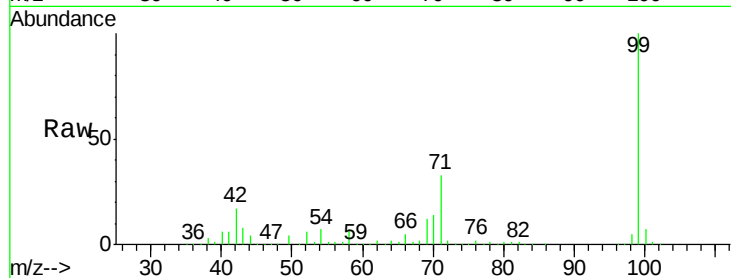
Tgt Ion: 99 Resp: 955046

Ion Ratio Lower Upper

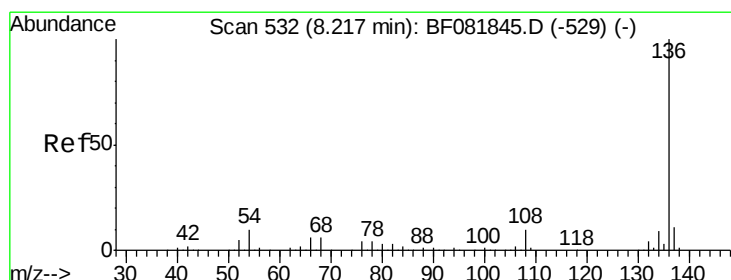
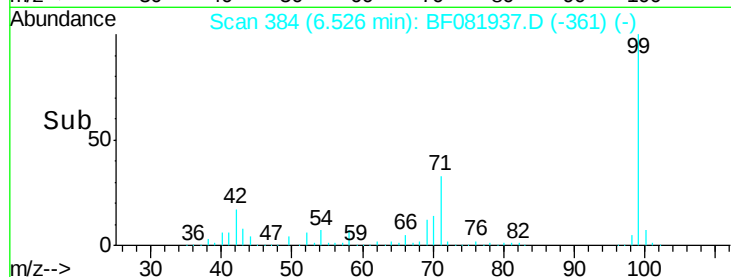
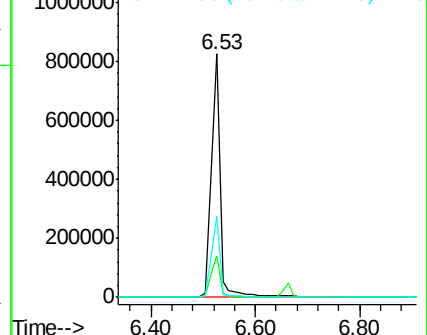
99 100

42 16.9 13.7 20.5

71 33.1 14.2 21.2#



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: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Tgt Ion: 136 Resp: 448919

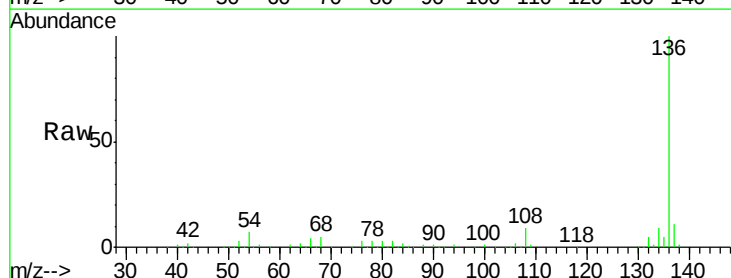
Ion Ratio Lower Upper

136 100

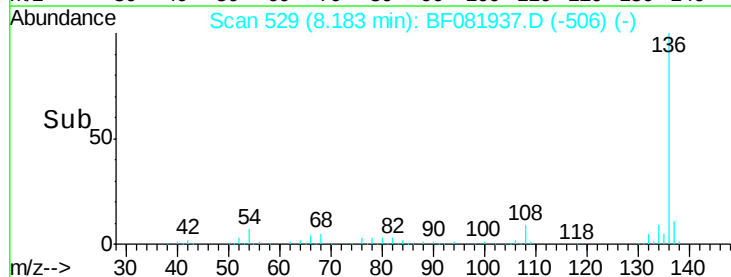
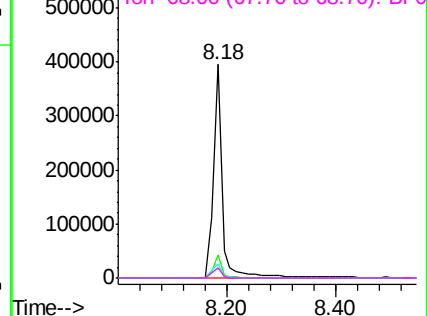
137 10.9 9.0 13.6

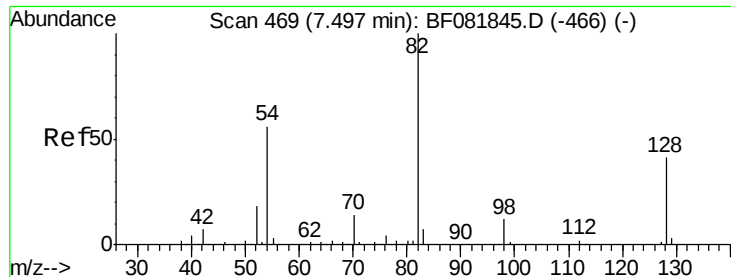
54 6.9 8.2 12.2#

68 4.9 5.8 8.6#



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

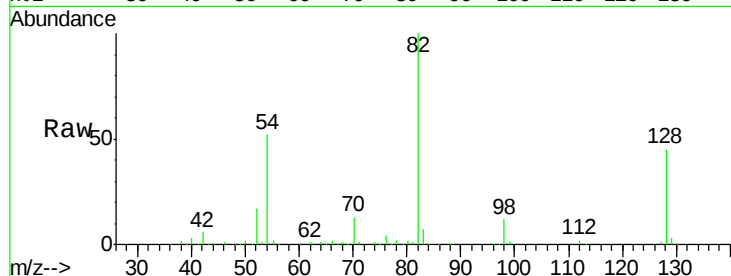




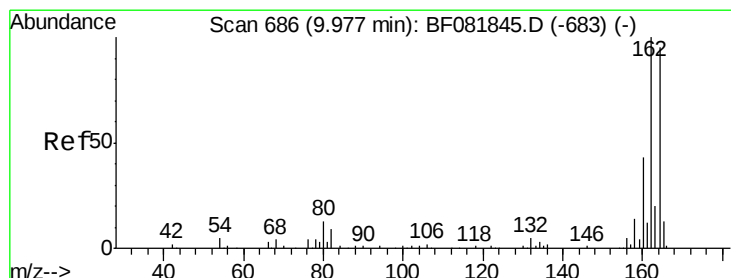
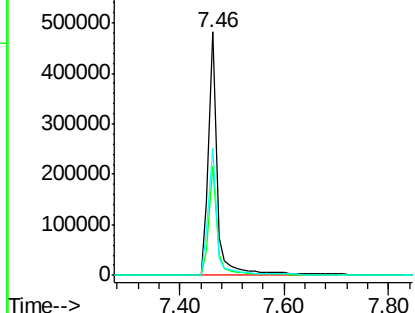
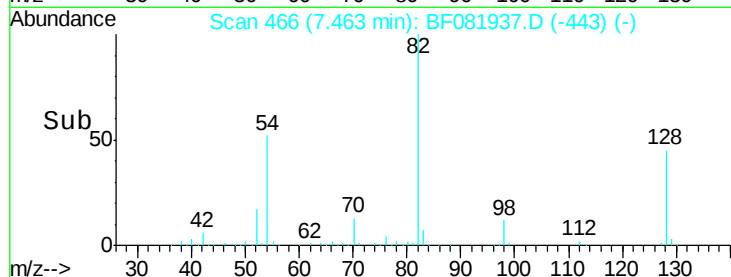
#23
 Nitrobenzene-d5
 Concen: 86.82 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85643BL

Tgt Ion: 82 Resp: 584666
 Ion Ratio Lower Upper
 82 100
 128 44.7 51.0 76.6#
 54 52.4 47.5 71.3

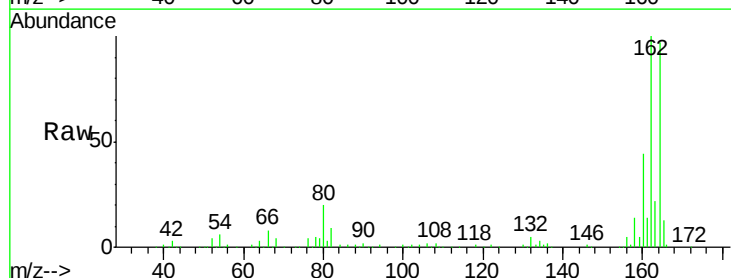


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

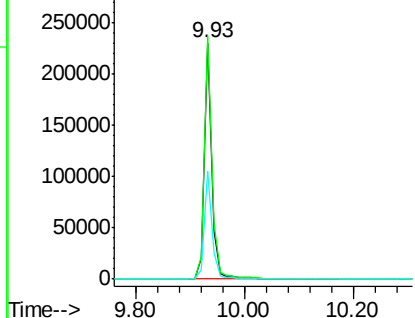
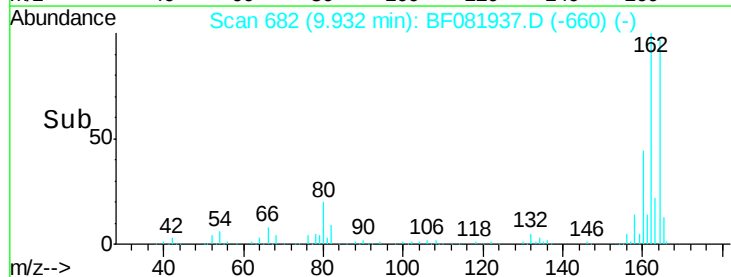


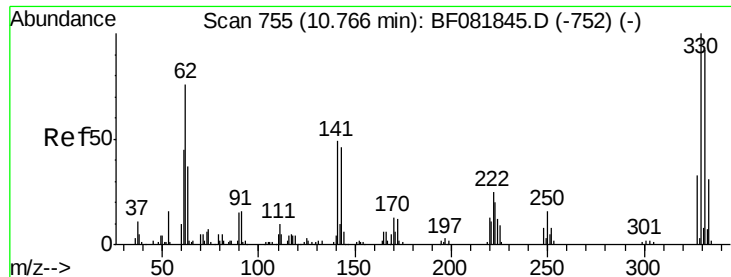
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Tgt Ion: 164 Resp: 220276
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 45.6 31.5 47.3



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

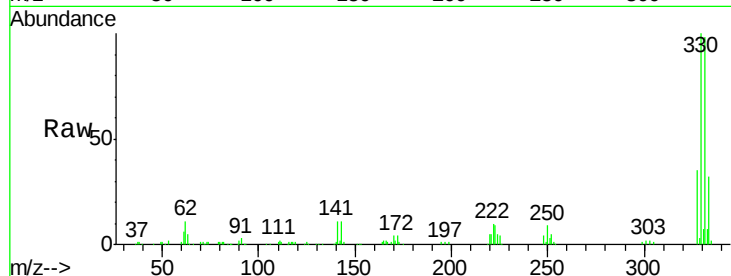




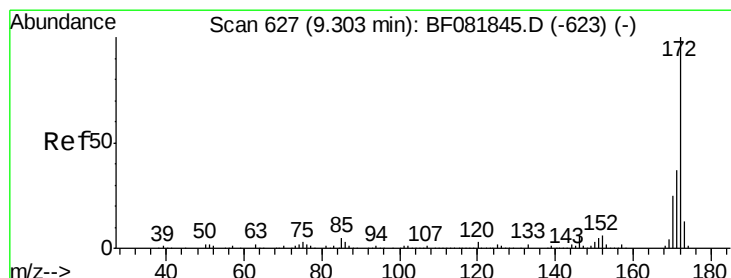
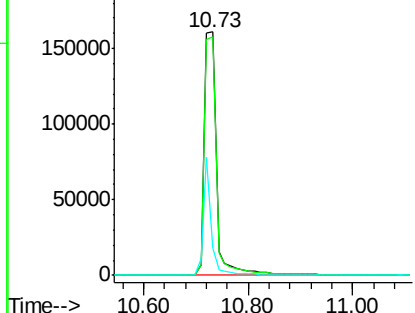
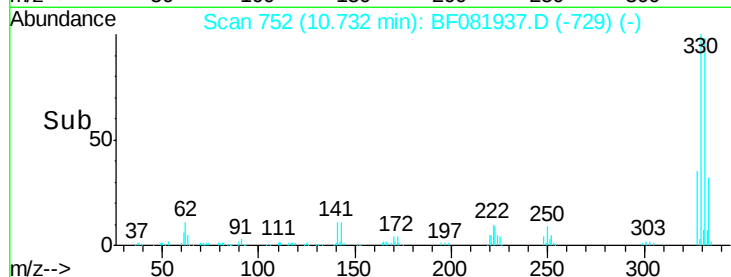
#41
 2,4,6-Tribromophenol
 Concen: 118.73 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85643BL

Tgt Ion:330 Resp: 264878
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 32.0 29.7 44.5

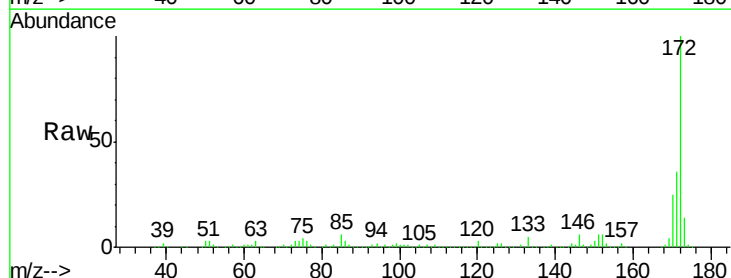


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

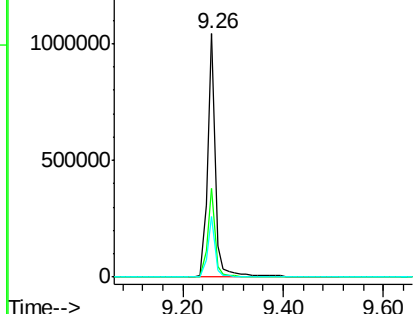
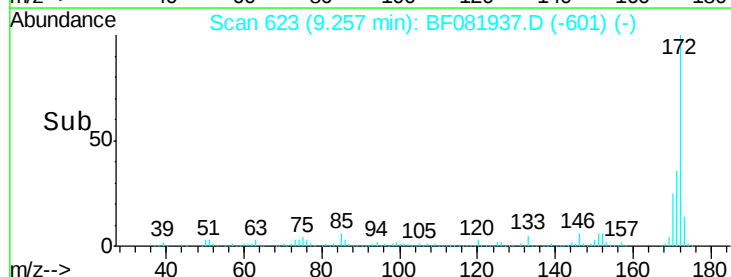


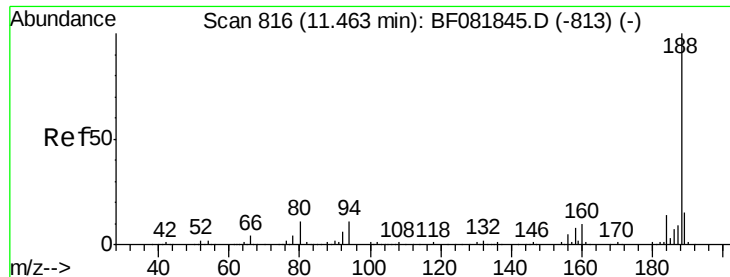
#44
 2-Fluorobiphenyl
 Concen: 87.14 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Tgt Ion:172 Resp: 1141521
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 25.0 17.4 26.2



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: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB85643BL

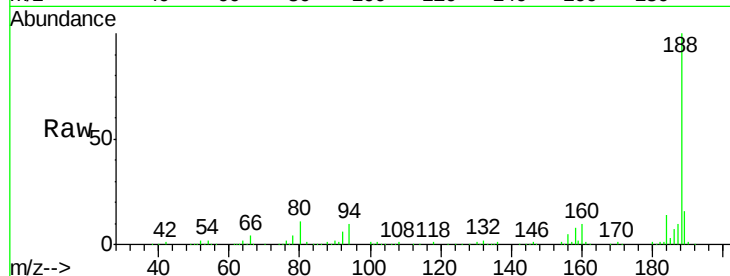
Tgt Ion:188 Resp: 443148

Ion Ratio Lower Upper

188 100

94 10.1 11.1 16.7#

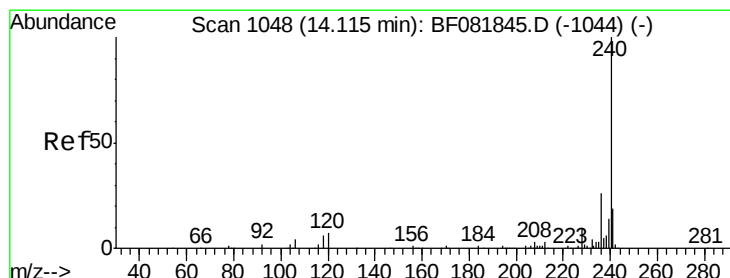
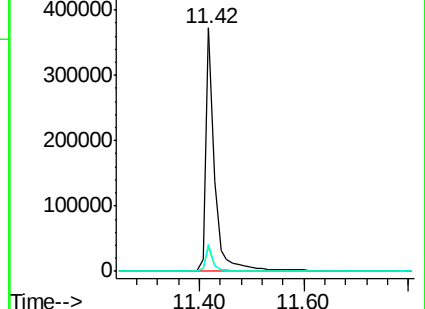
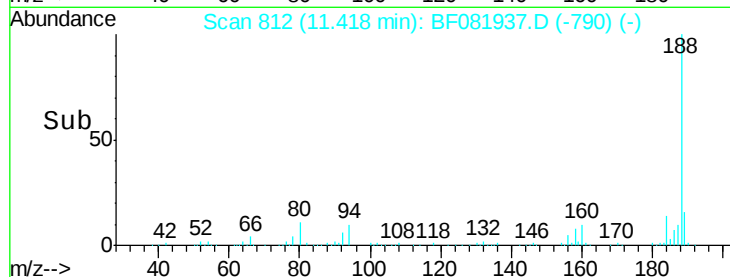
80 11.1 11.0 16.4



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: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081937.D

Acq: 1 Oct 2015 14:08

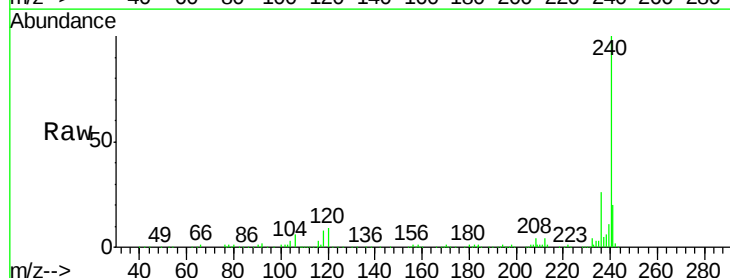
Tgt Ion:240 Resp: 446308

Ion Ratio Lower Upper

240 100

120 9.0 16.2 24.2#

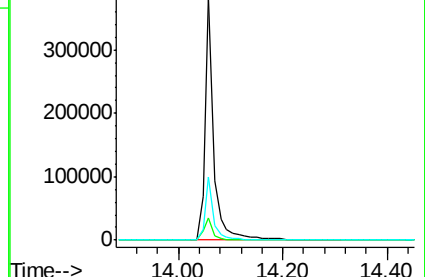
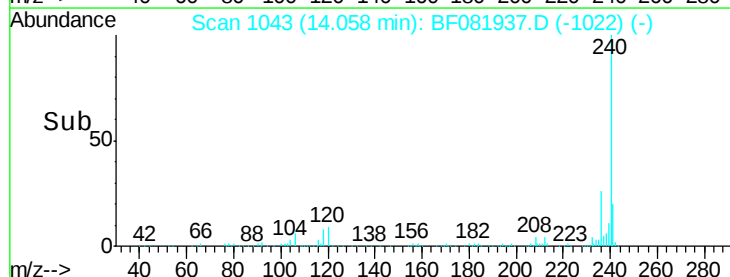
236 25.9 18.4 27.6

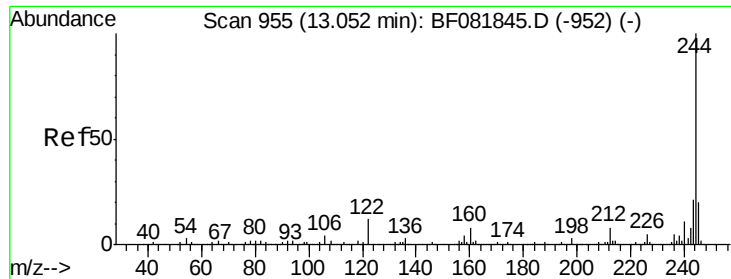


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

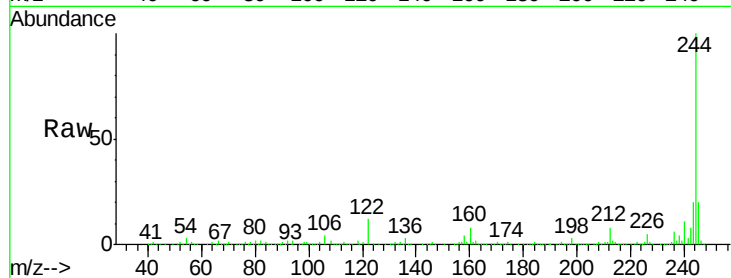




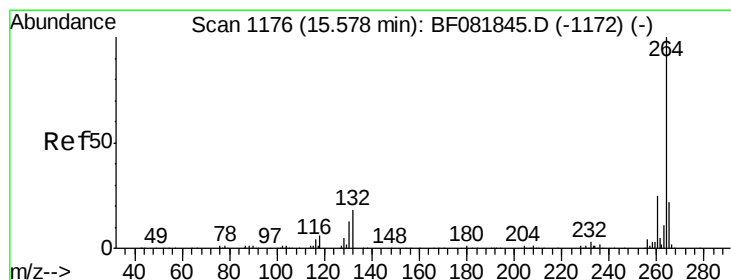
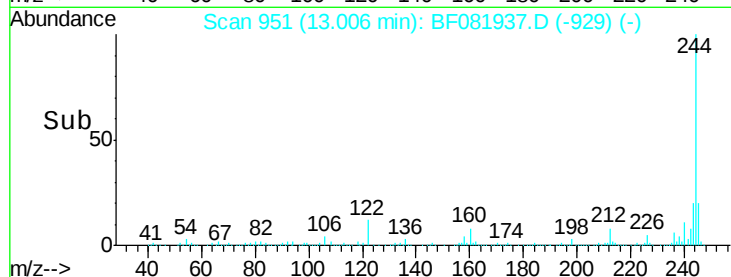
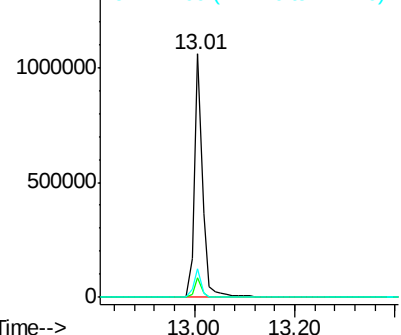
#78
 Terphenyl-d14
 Concen: 87.67 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85643BL

Tgt Ion:244 Resp: 1200940
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.6 17.4 26.2#

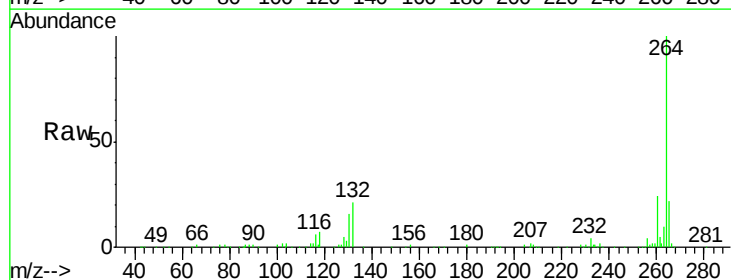


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.08 min
 Lab File: BF081937.D
 Acq: 1 Oct 2015 14:08

Tgt Ion:264 Resp: 337618
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 21.8 17.2 25.8



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

