

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081869.D
 Acq On : 29 Sep 2015 6:33
 Operator : UM/IZ
 Sample : G3717-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15

Quant Time: Sep 29 08:23:49 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	6.94	152	103466	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	421948	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	201440	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	398996	20.00	ng	0.00
75) Chrysene-d12	14.10	240	387155	20.00	ng	-0.01
86) Perylene-d12	15.58	264	296604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	381059	66.86	ng	0.00
7) Phenol-d6	6.55	99	335467	46.77	ng	-0.01
23) Nitrobenzene-d5	7.50	82	689423	108.92	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	329065	161.30	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1355138	123.05	ng	0.00
78) Terphenyl-d14	13.06	244	1347205	131.71	ng	0.01

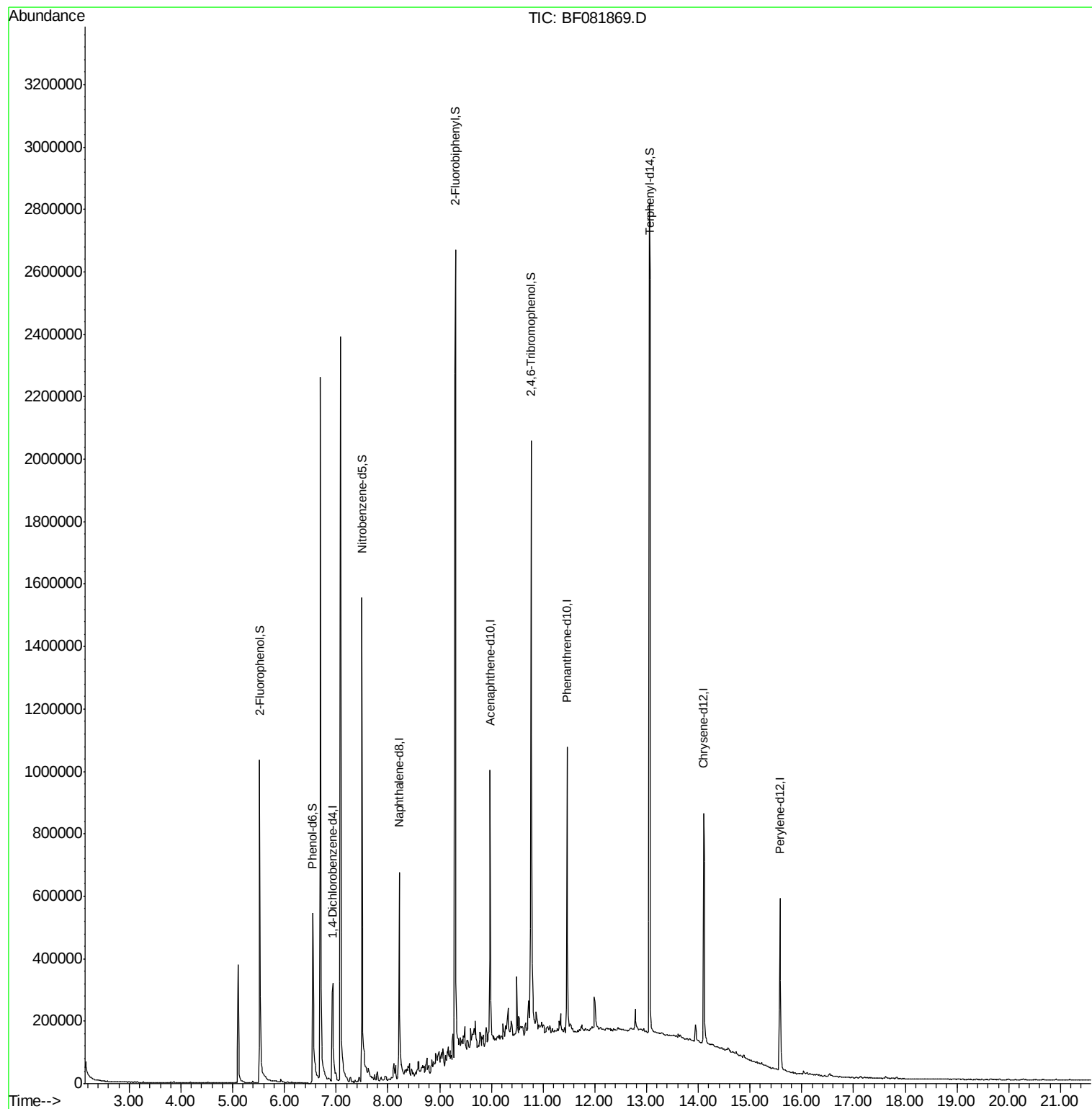
Target Compounds Qvalue

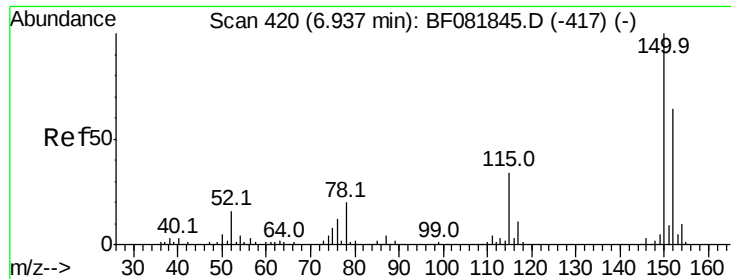
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

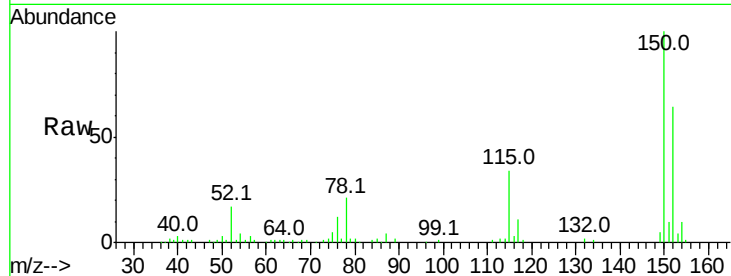
Tot Ion:152 Resp: 103466

Ion Ratio Lower Upper

152 100

150 155.4 124.7 187.1

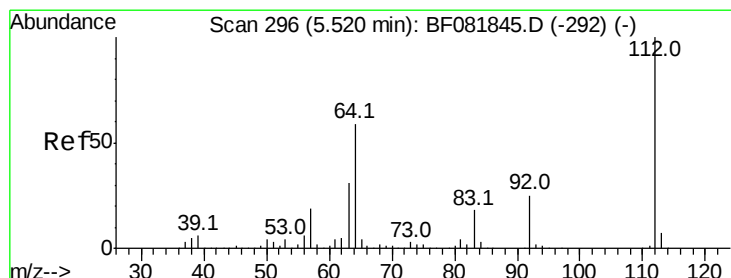
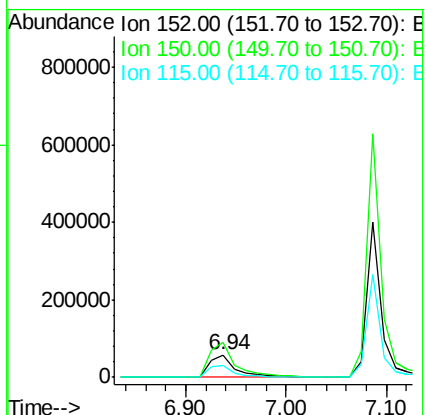
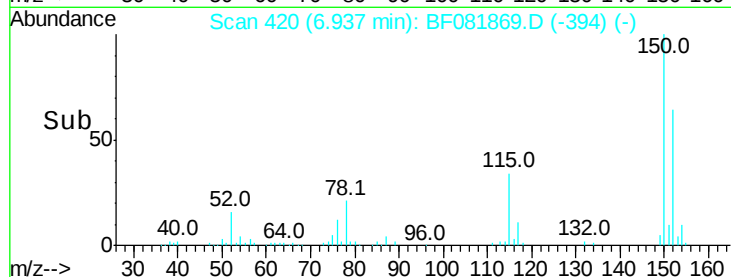
115 52.2 39.0 58.4



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: 66.86 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

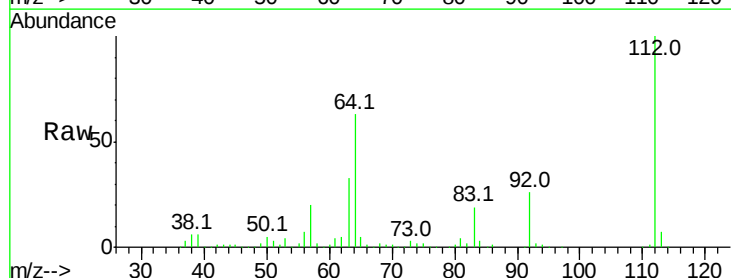
Tgt Ion:112 Resp: 381059

Ion Ratio Lower Upper

112 100

64 62.9 39.7 59.5#

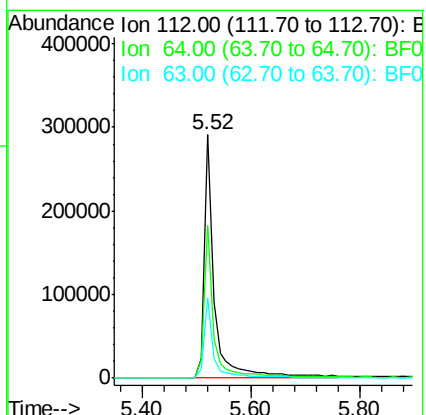
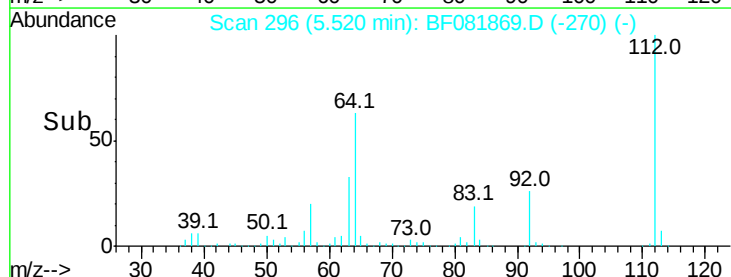
63 32.7 17.4 26.0#

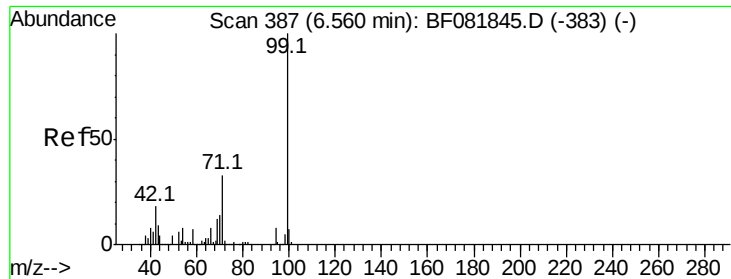


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.77 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

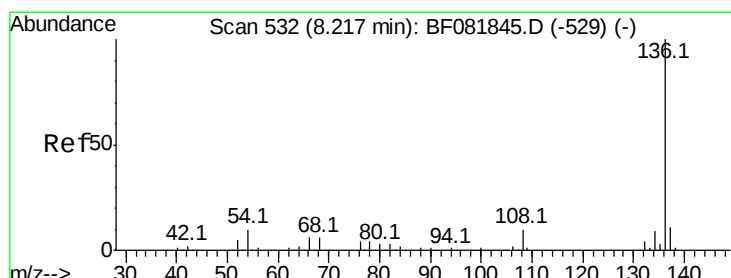
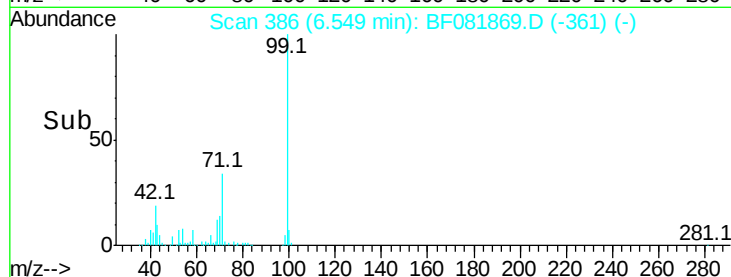
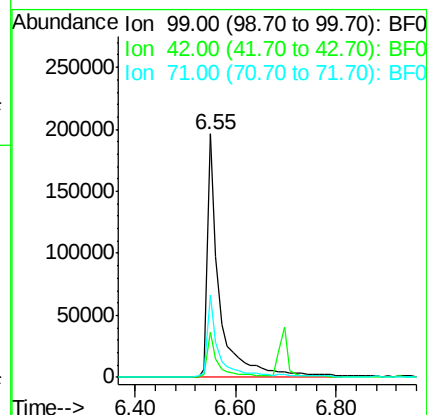
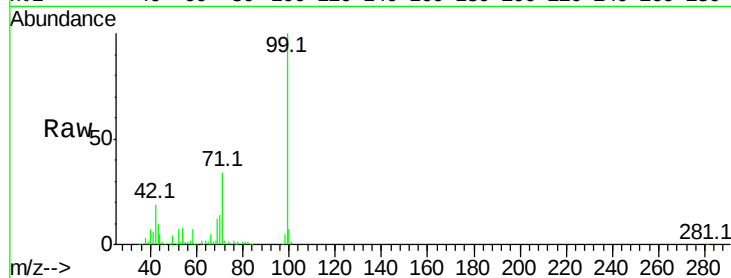
Tot Ion: 99 Resp: 335467

Ion Ratio Lower Upper

99 100

42 18.7 13.7 20.5

71 33.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

Tgt Ion: 136 Resp: 421948

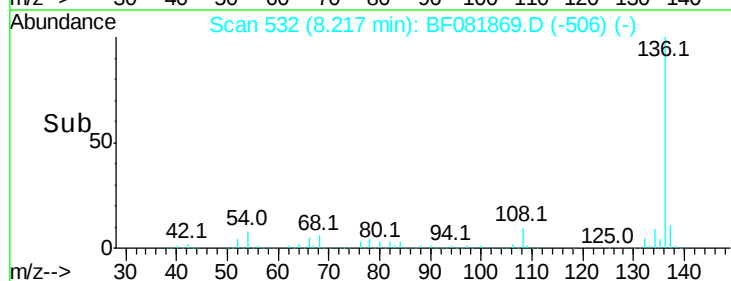
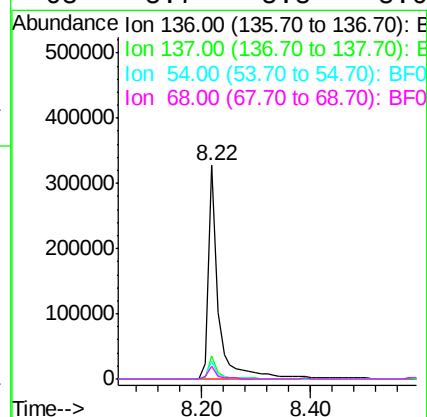
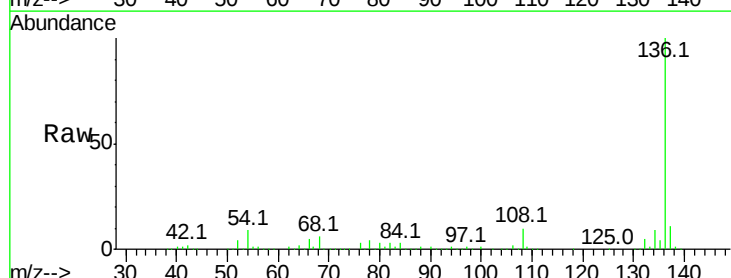
Ion Ratio Lower Upper

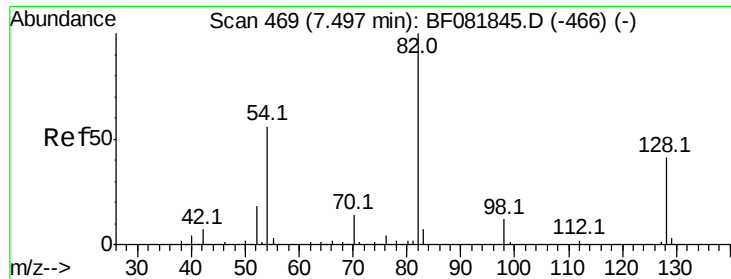
136 100

137 11.1 9.0 13.6

54 8.5 8.2 12.2

68 5.7 5.8 8.6#

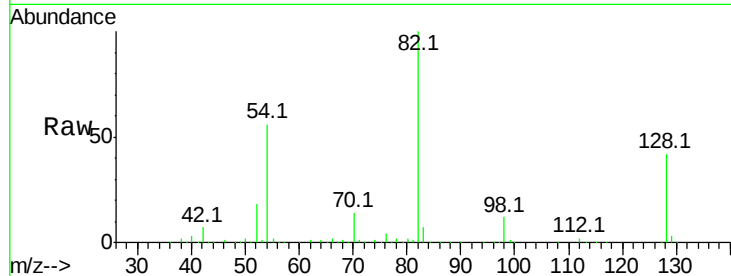




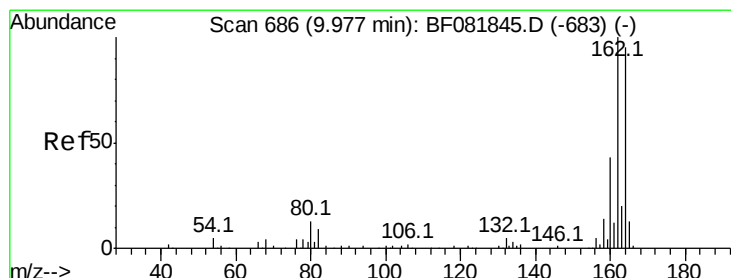
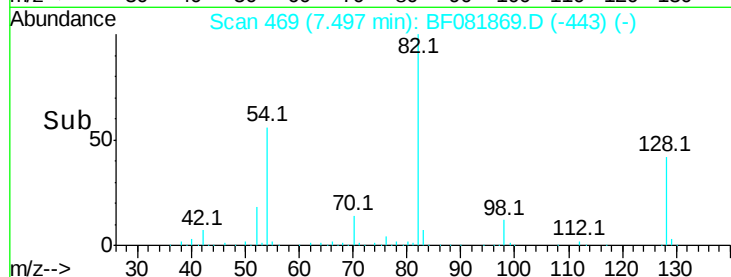
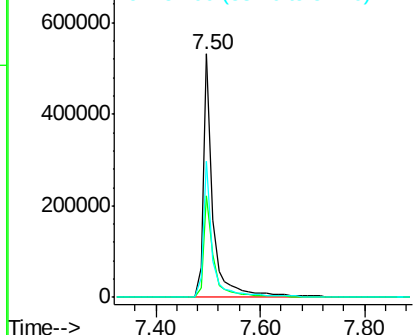
#23
 Nitrobenzene-d5
 Concen: 108.92 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081869.D
 Acq: 29 Sep 2015 6:33

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15

Tot Ion: 82 Resp: 689423
 Ion Ratio Lower Upper
 82 100
 128 41.7 51.0 76.6#
 54 55.7 47.5 71.3

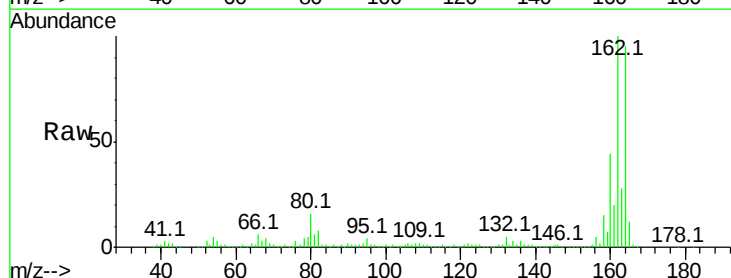


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

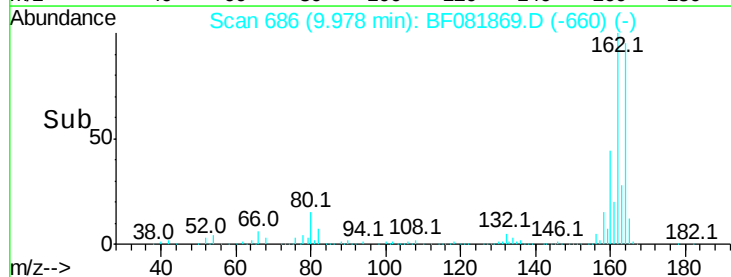
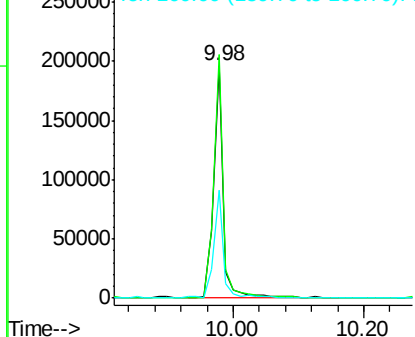


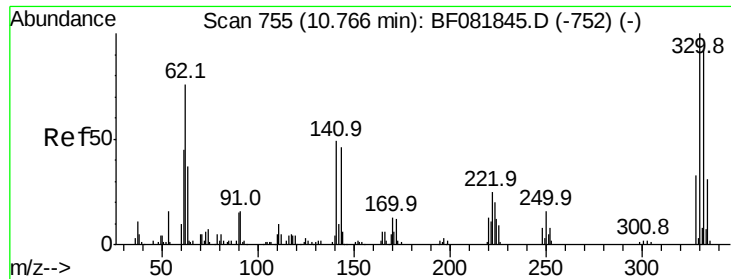
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081869.D
 Acq: 29 Sep 2015 6:33

Tgt Ion:164 Resp: 201440
 Ion Ratio Lower Upper
 164 100
 162 104.7 75.2 112.8
 160 46.2 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

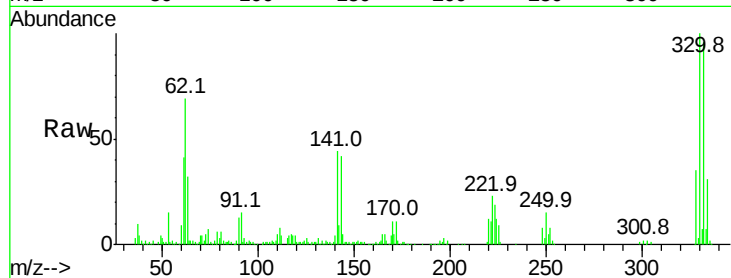




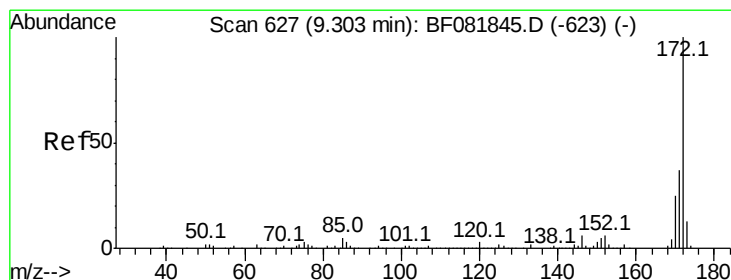
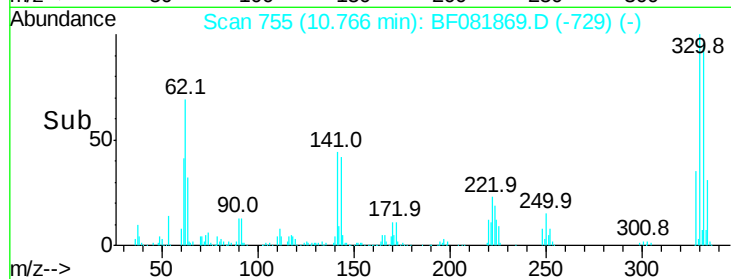
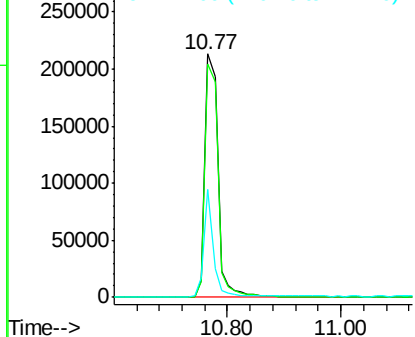
#41
 2,4,6-Tribromophenol
 Concen: 161.30 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081869.D
 Acq: 29 Sep 2015 6:33

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15

Tot Ion:330 Resp: 329065
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 31.9 29.7 44.5

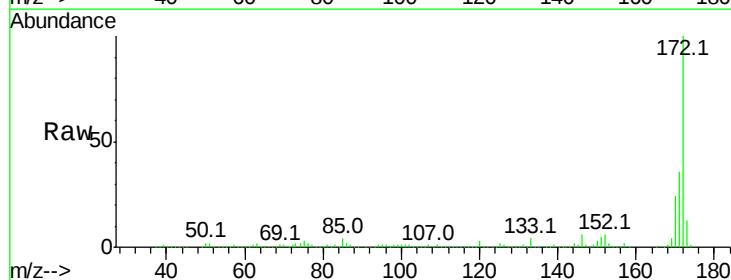


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

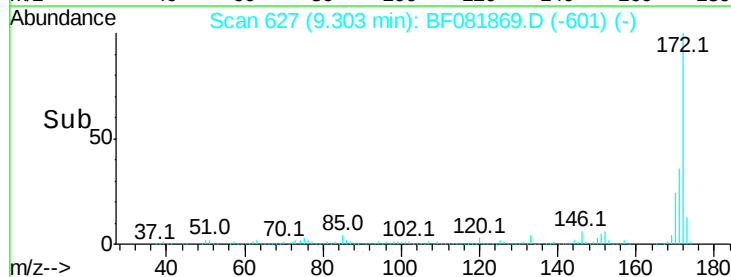
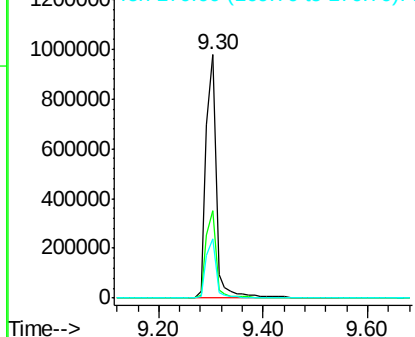


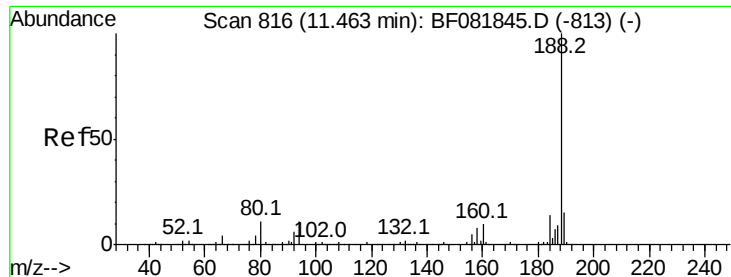
#44
 2-Fluorobiphenyl
 Concen: 123.05 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081869.D
 Acq: 29 Sep 2015 6:33

Tgt Ion:172 Resp: 1355138
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.1 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: 11.46 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

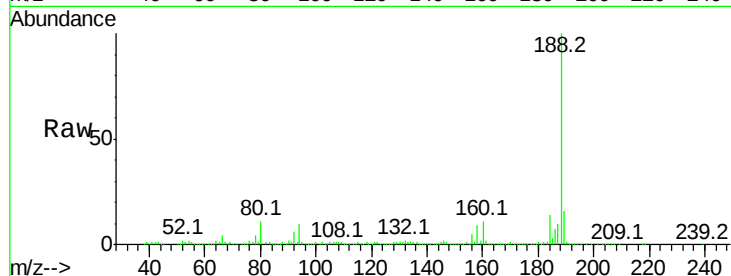
Tot Ion:188 Resp: 398996

Ion Ratio Lower Upper

188 100

94 10.0 11.1 16.7#

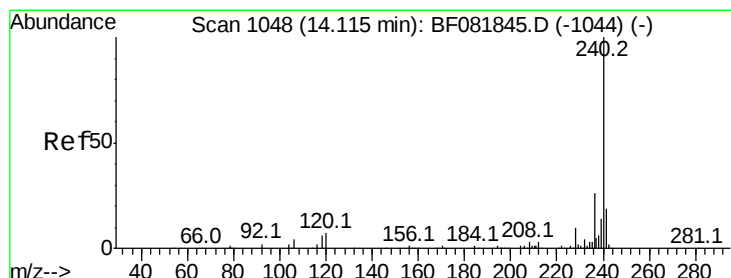
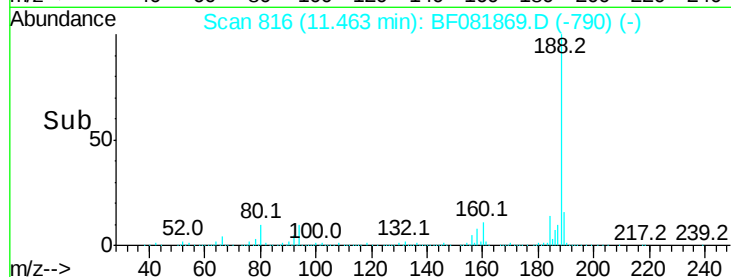
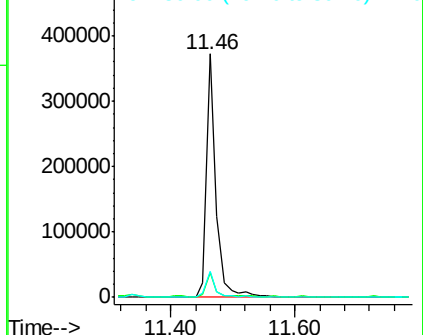
80 10.6 11.0 16.4#



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: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

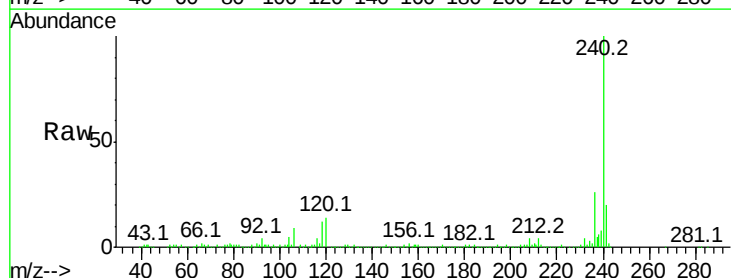
Tgt Ion:240 Resp: 387155

Ion Ratio Lower Upper

240 100

120 13.6 16.2 24.2#

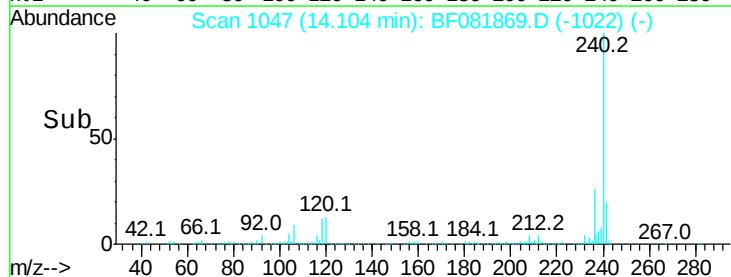
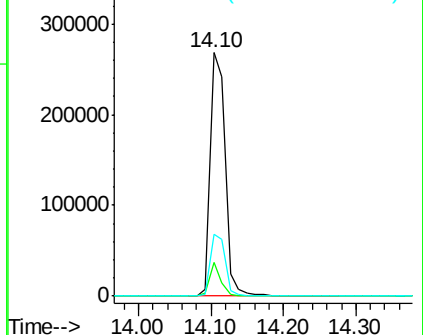
236 25.6 18.4 27.6

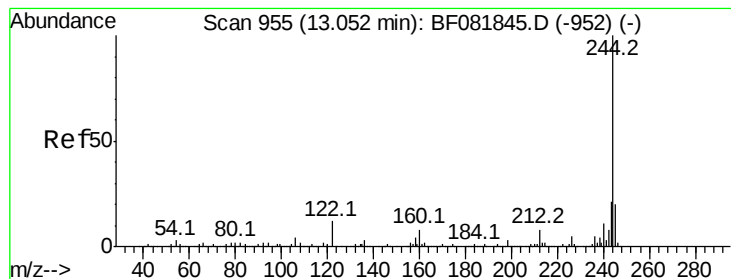


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 131.71 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

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PZ-1-9-17-15

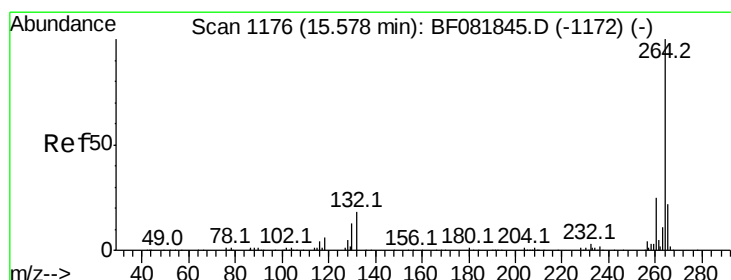
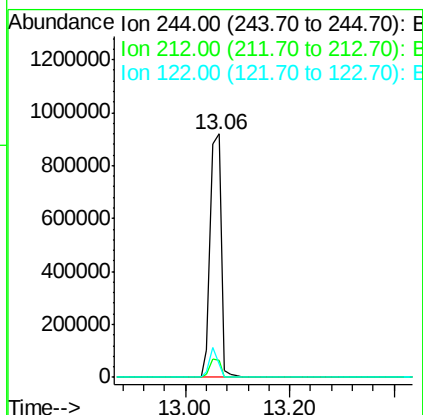
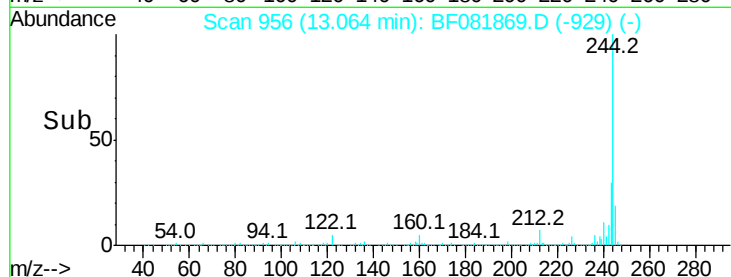
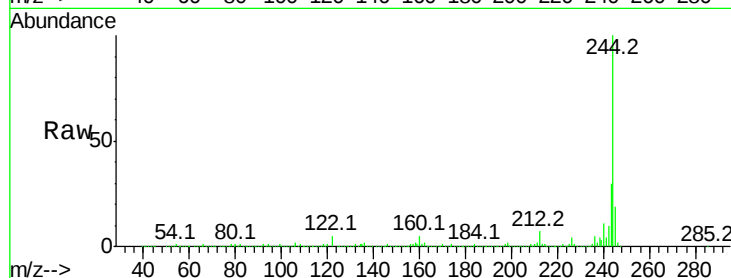
Tot Ion:244 Resp: 1347205

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

122 5.3 17.4 26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.58 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

Tgt Ion:264 Resp: 296604

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

265 21.5 17.2 25.8

