

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082796.D
 Acq On : 7 Nov 2015 8:09
 Operator : UM/IZ
 Sample : G4259-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-01-110315

Quant Time: Nov 09 00:14:17 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	6.84	152	250328	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1008526	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	498948	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	963319	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	833802	20.00	ng	-0.02
86) Perylene-d12	15.43	264	687146	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	953154	59.24	ng	0.00
7) Phenol-d6	6.48	99	899403	42.05	ng	0.00
23) Nitrobenzene-d5	7.41	82	1955588	84.37	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	717301	125.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	3066186	88.08	ng	0.00
78) Terphenyl-d14	12.96	244	3008025	85.57	ng	-0.01

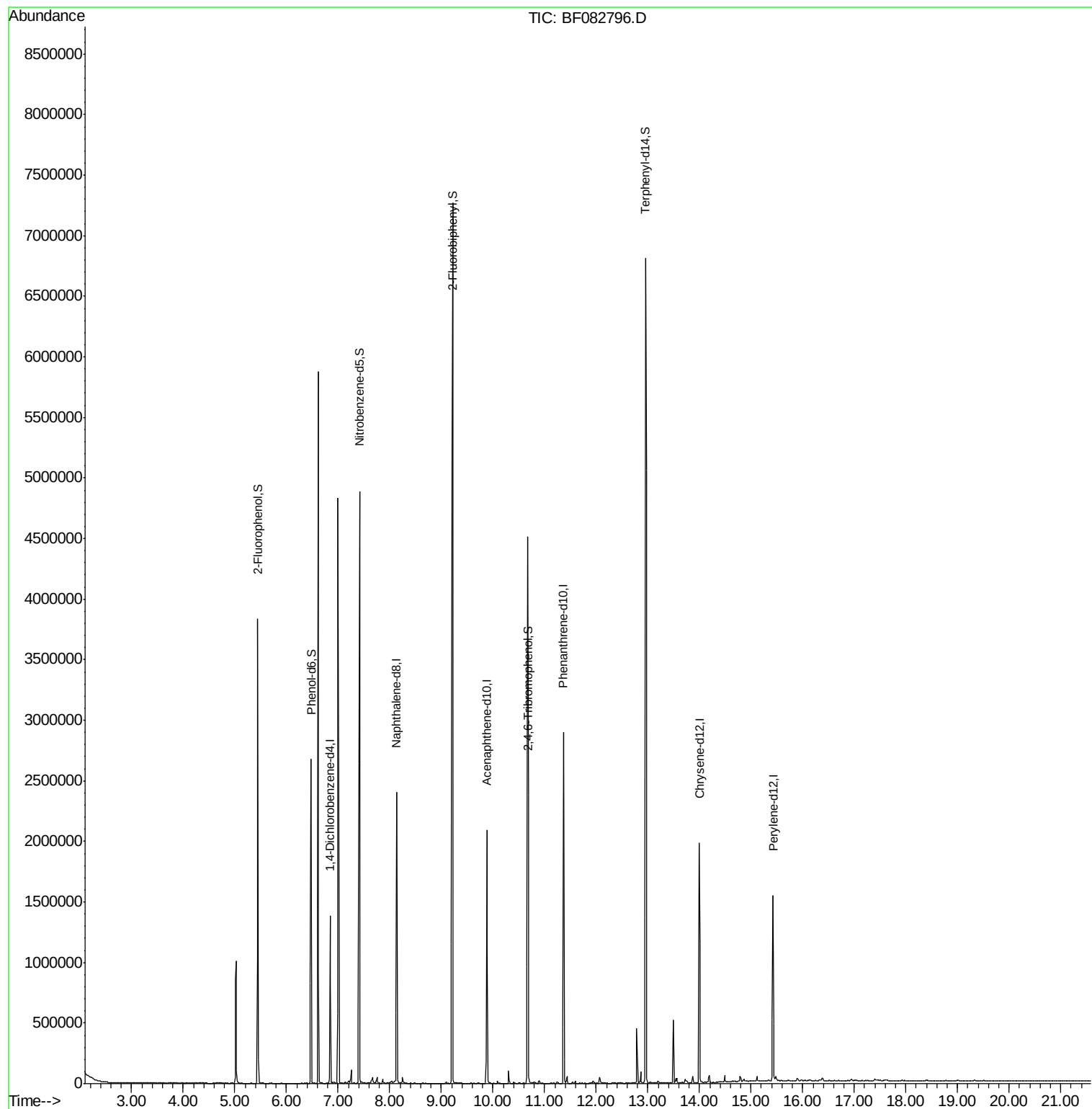
Target Compounds Qvalue

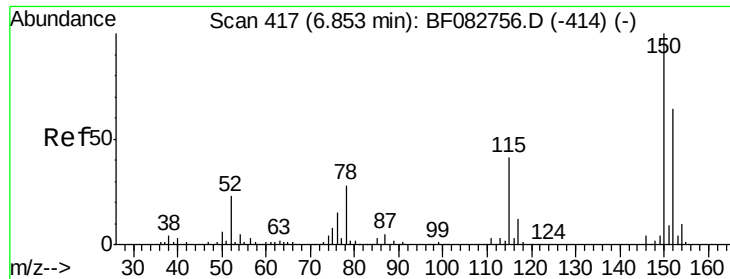
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

FB-01-110315

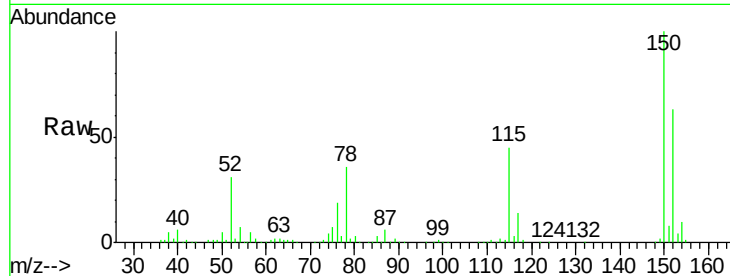
Tot Ion:152 Resp: 250328

Ion Ratio Lower Upper

152 100

150 159.8 127.0 190.4

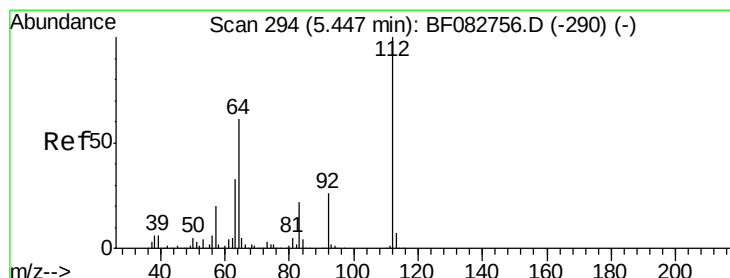
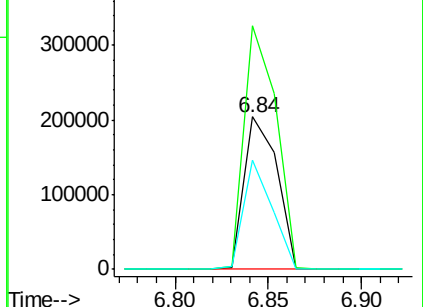
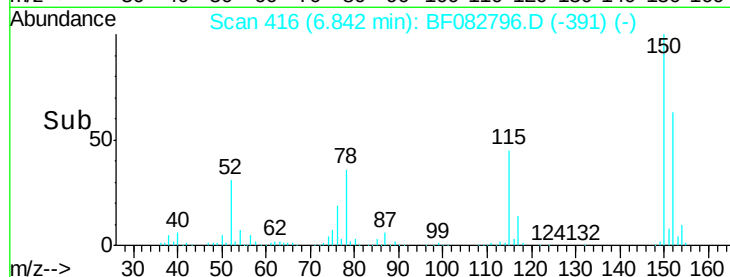
115 71.8 47.0 70.6#



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: 59.24 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

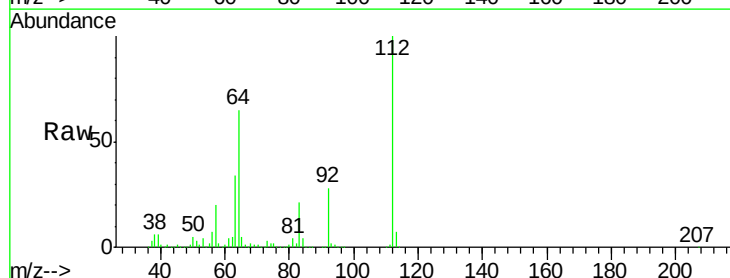
Tgt Ion:112 Resp: 953154

Ion Ratio Lower Upper

112 100

64 64.5 48.9 73.3

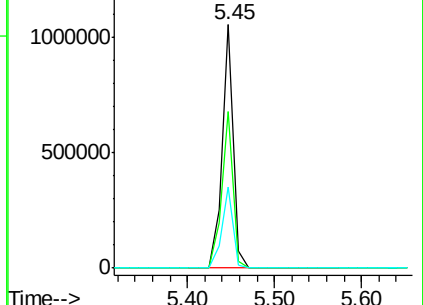
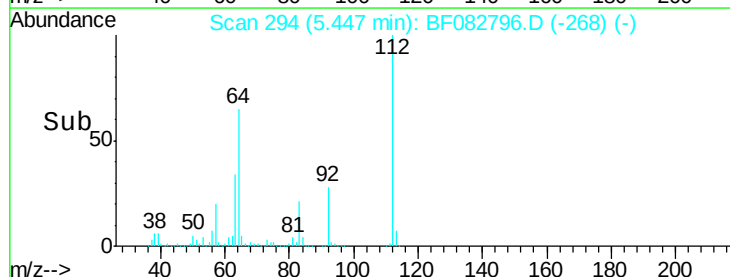
63 33.5 28.1 42.1

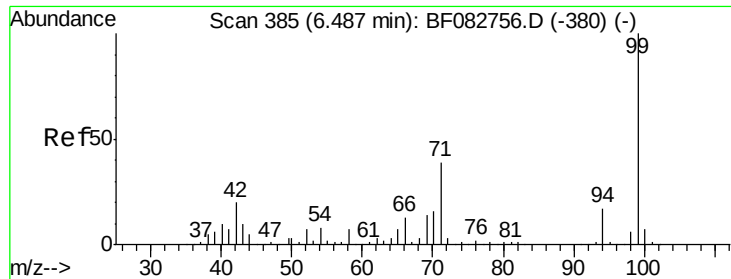


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.05 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

FB-01-110315

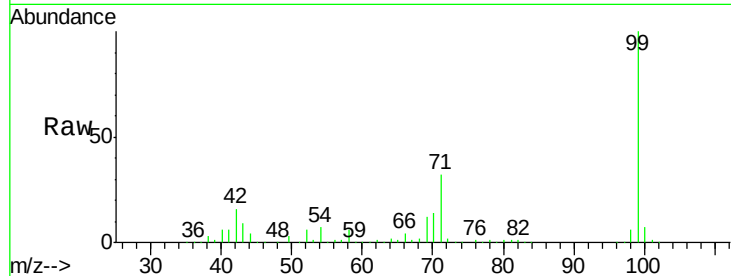
Tot Ion: 99 Resp: 899403

Ion Ratio Lower Upper

99 100

42 16.2 19.2 28.8#

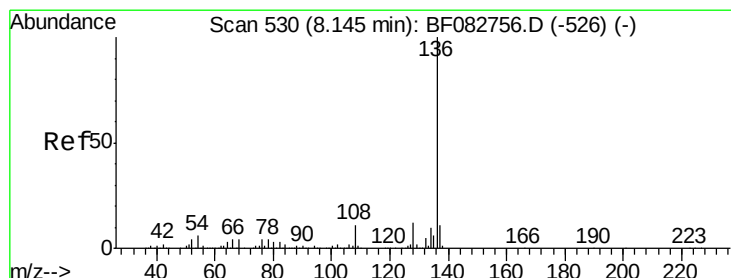
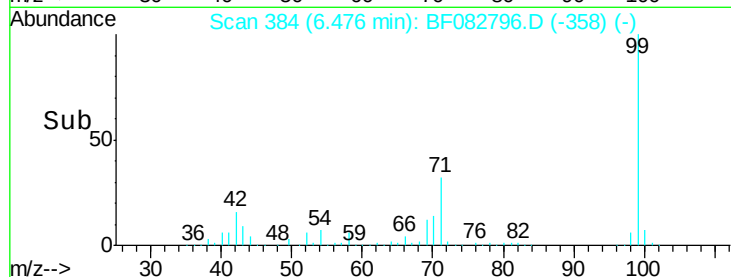
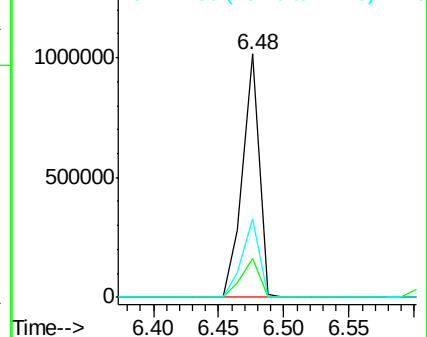
71 32.2 35.0 52.4#



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

Tgt Ion: 136 Resp: 1008526

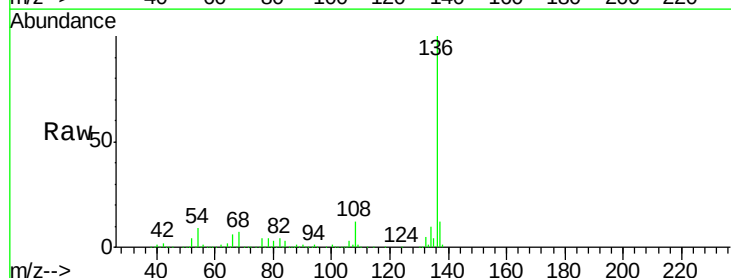
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.0 9.1 13.7#

68 6.5 4.8 7.2

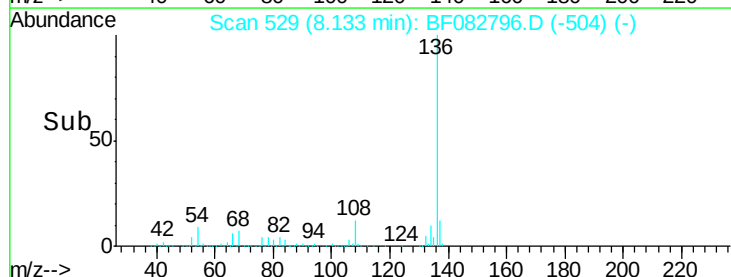
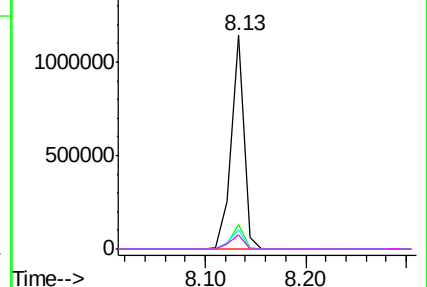


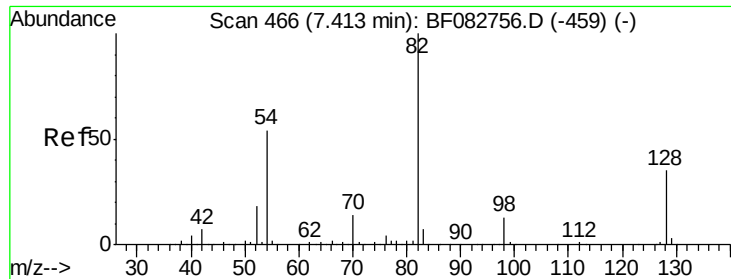
Abundance Ion 136.00 (135.70 to 136.70): E

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

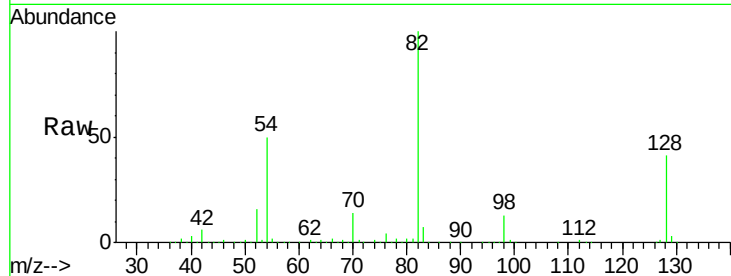




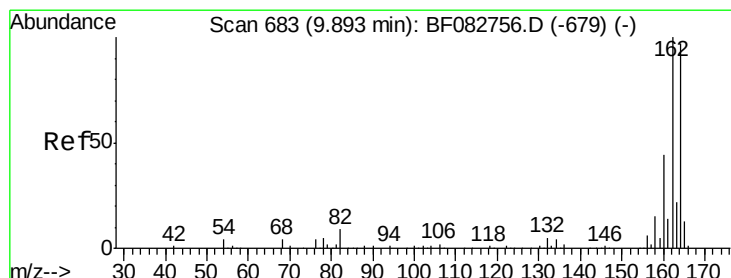
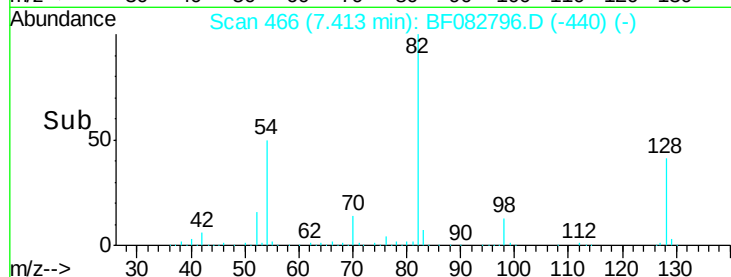
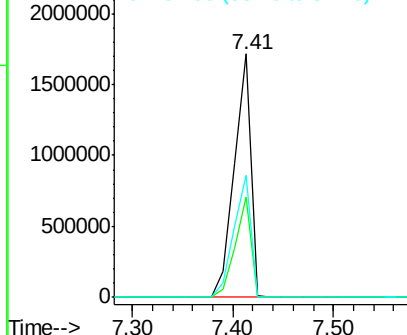
#23
 Nitrobenzene-d5
 Concen: 84.37 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

Instrument :
 BNA_F
 ClientSampleID :
 FB-01-110315

Tot Ion: 82 Resp: 1955588
 Ion Ratio Lower Upper
 82 100
 128 41.2 26.8 40.2#
 54 50.4 45.7 68.5

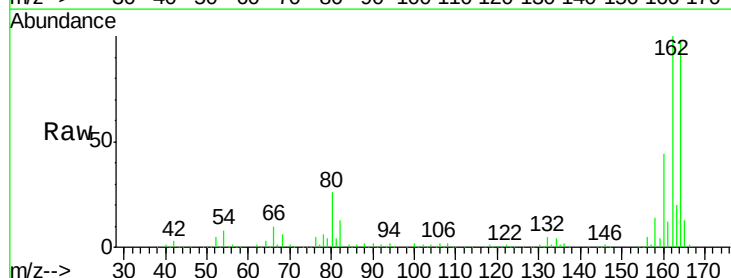


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

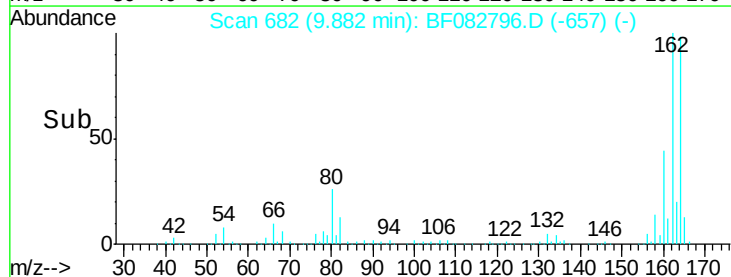
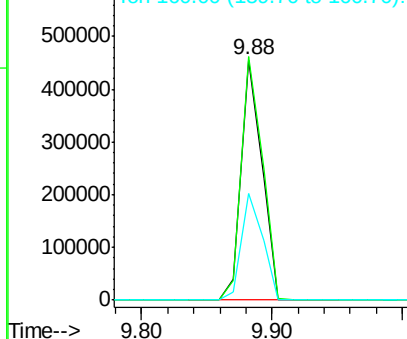


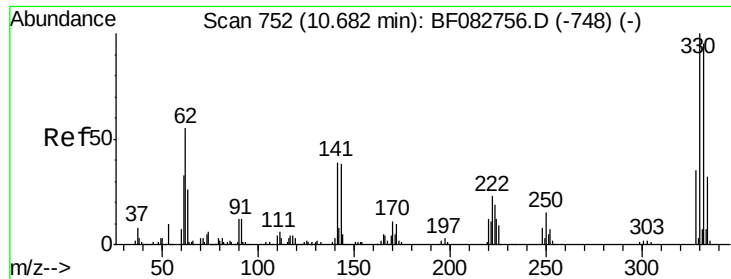
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

Tgt Ion: 164 Resp: 498948
 Ion Ratio Lower Upper
 164 100
 162 101.5 84.9 127.3
 160 44.2 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

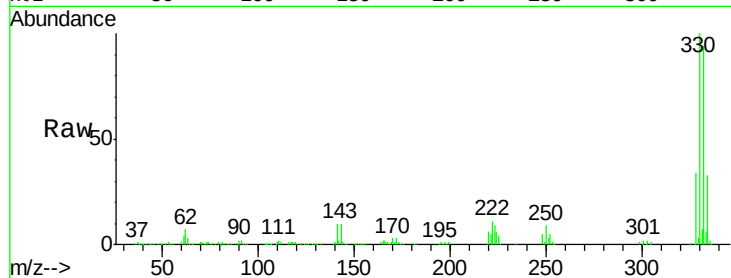




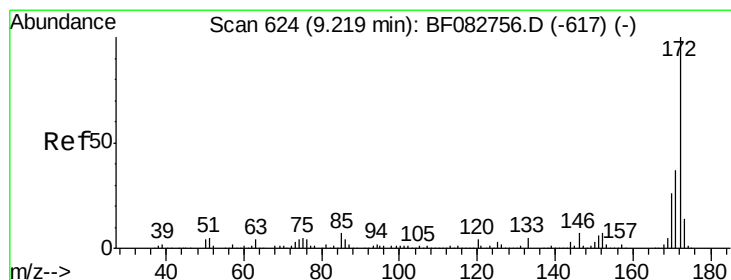
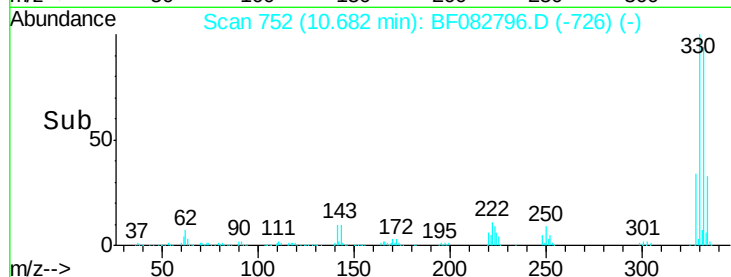
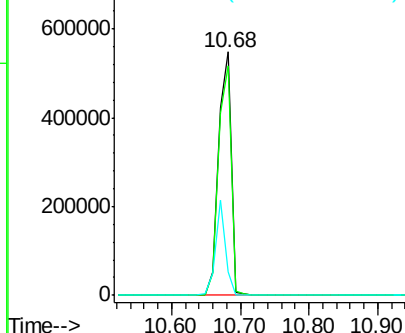
#41
 2,4,6-Tribromophenol
 Concen: 125.38 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

Instrument :
 BNA_F
 ClientSampleId :
 FB-01-110315

Tot Ion:330 Resp: 717301
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 30.8 41.2 61.8#

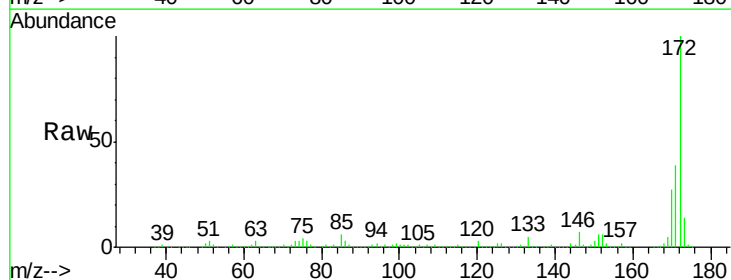


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

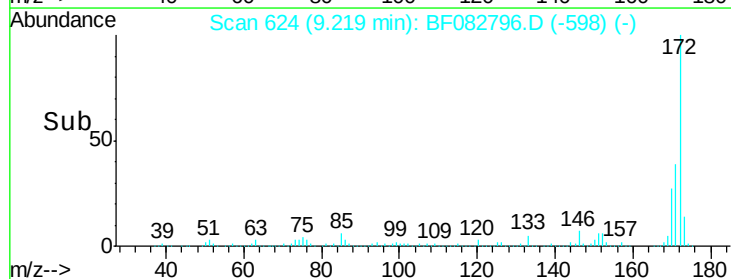
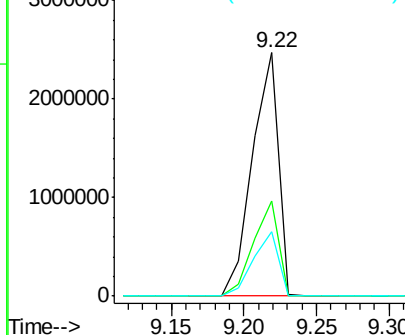


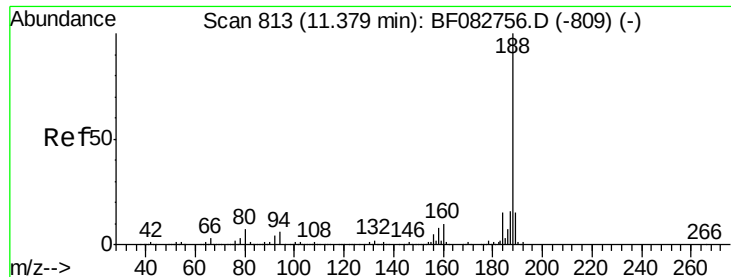
#44
 2-Fluorobiphenyl
 Concen: 88.08 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082796.D
 Acq: 7 Nov 2015 8:09

Tgt Ion:172 Resp: 3066186
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.8 46.2
 170 26.7 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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

FB-01-110315

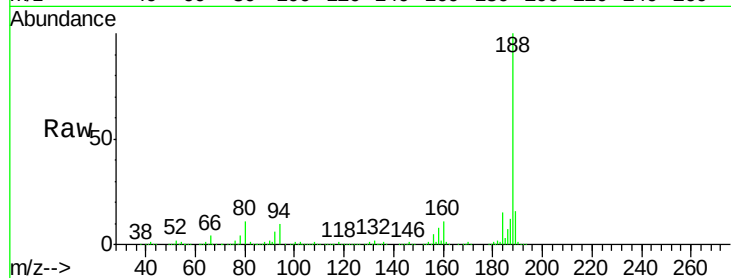
Tot Ion:188 Resp: 963319

Ion Ratio Lower Upper

188 100

94 9.8 6.1 9.1#

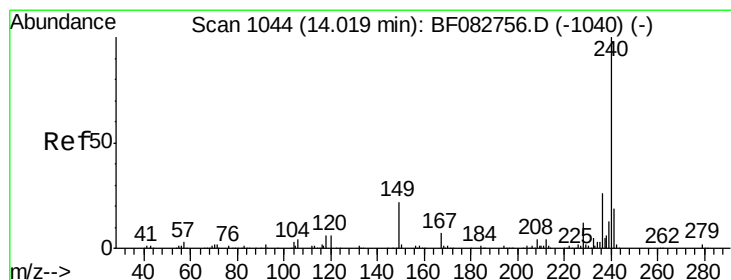
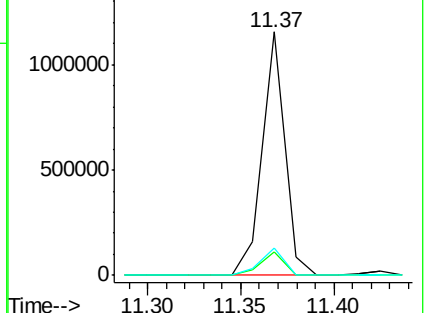
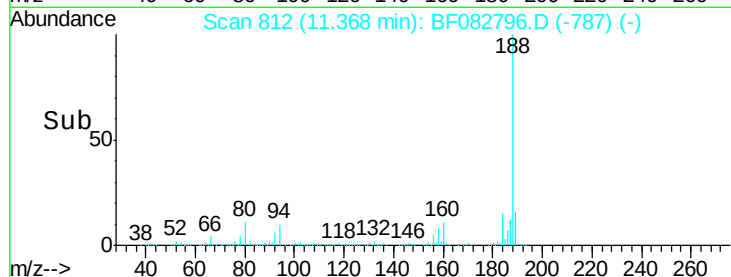
80 11.2 7.0 10.6#



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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

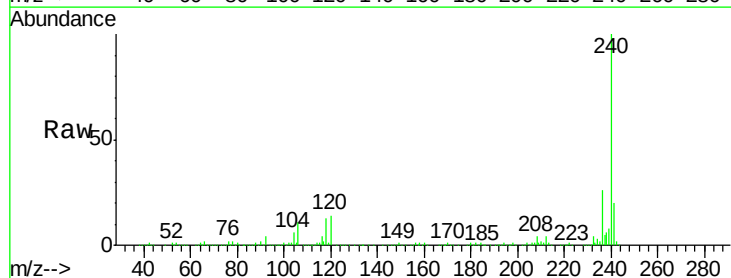
Tgt Ion:240 Resp: 833802

Ion Ratio Lower Upper

240 100

120 14.3 10.9 16.3

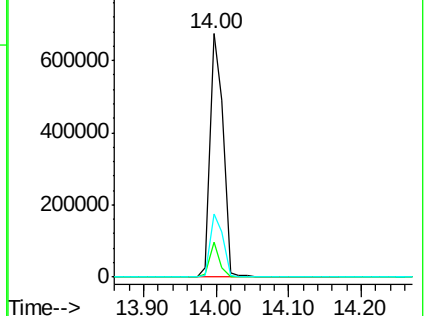
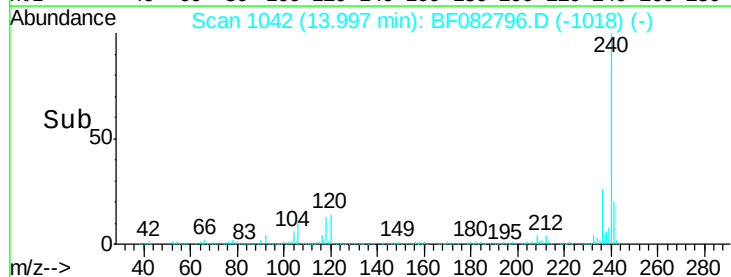
236 26.1 21.6 32.4

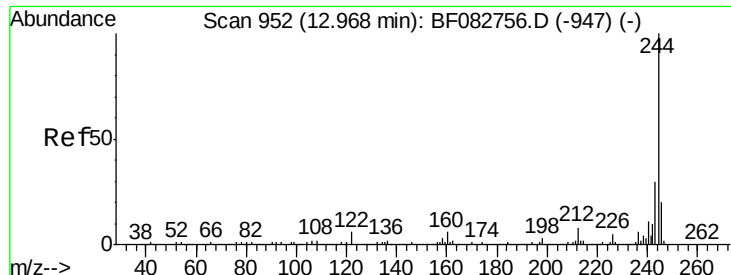


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.57 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

Instrument :

BNA_F

ClientSampleId :

FB-01-110315

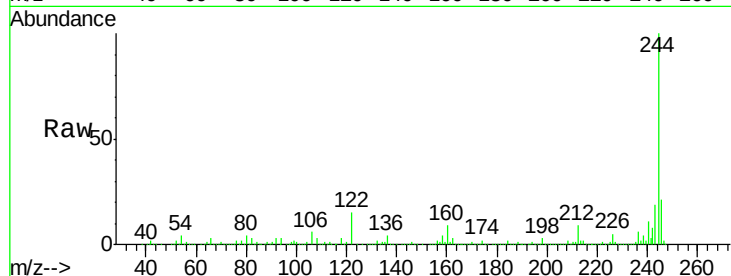
Tot Ion:244 Resp: 3008025

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

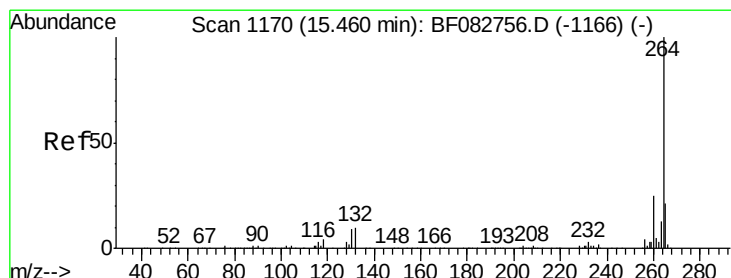
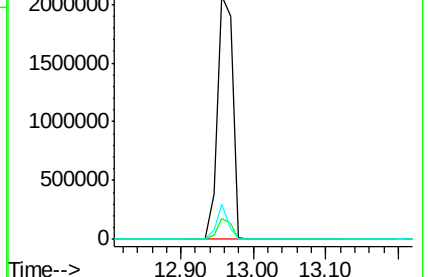
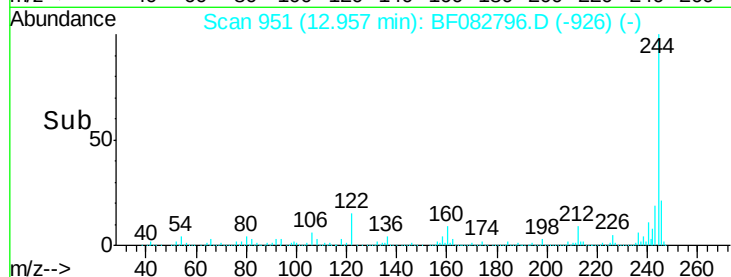
122 14.5 11.3 16.9



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: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082796.D

Acq: 7 Nov 2015 8:09

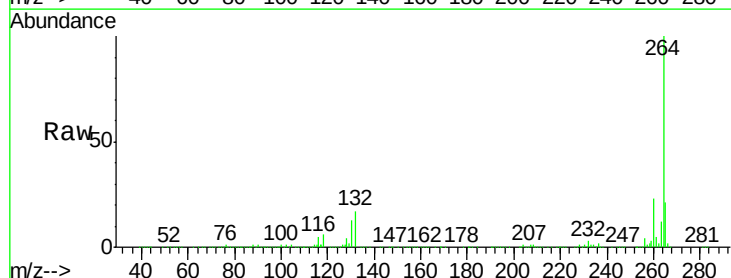
Tgt Ion:264 Resp: 687146

Ion Ratio Lower Upper

264 100

260 23.0 19.8 29.6

265 21.2 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

