

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
 Data File : BF082723.D
 Acq On : 5 Nov 2015 12:12
 Operator : UM/IZ
 Sample : G4241-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(4-6)

Quant Time: Nov 06 02:27:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

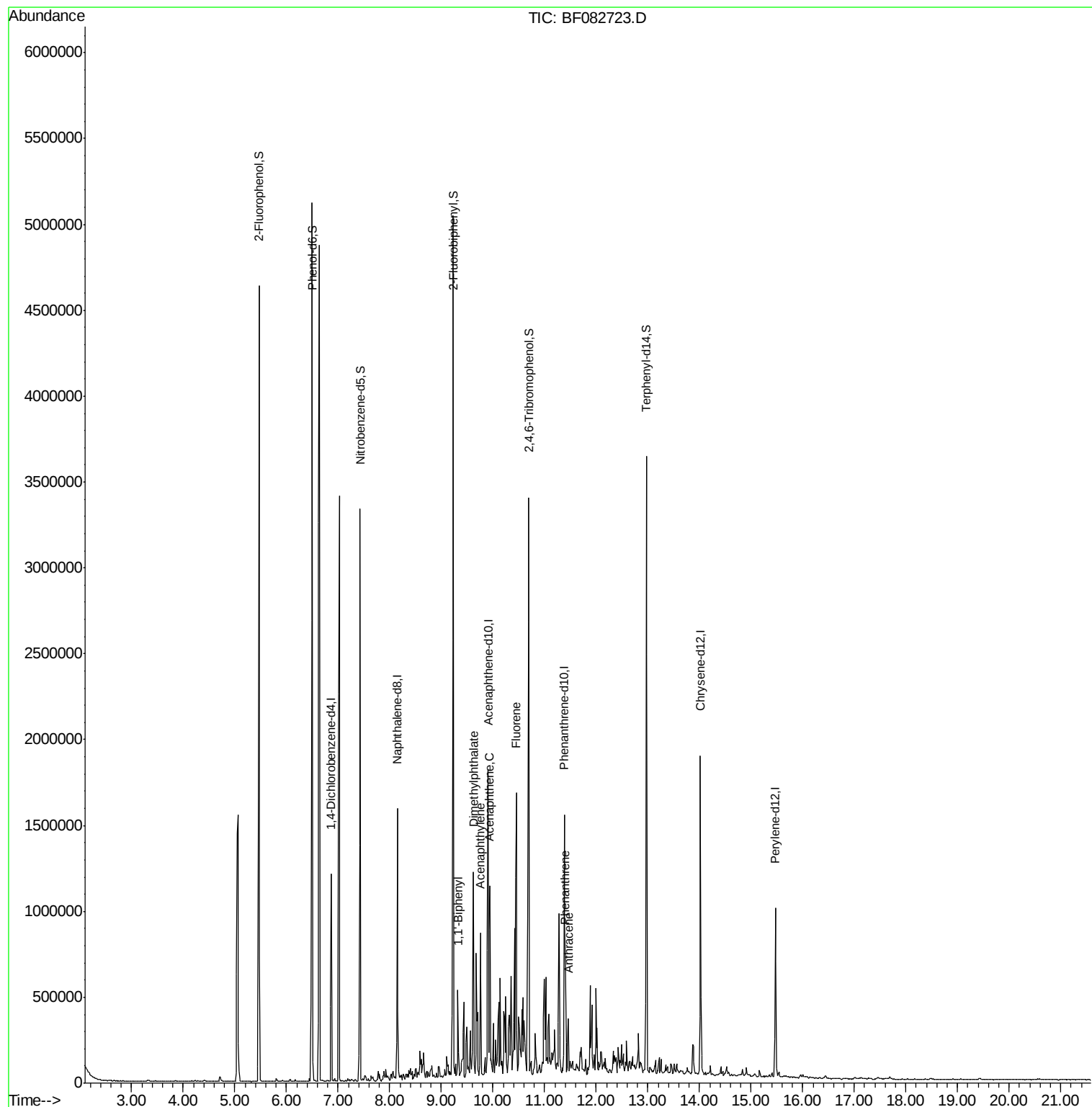
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	183021	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	663310	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	381214	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	670167	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	627245	20.00	ng	-0.03
86) Perylene-d12	15.47	264	533820	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1288103	106.00	ng	0.00
7) Phenol-d6	6.50	99	1871476	115.93	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1180972	72.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	521943	125.11	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1737411	64.71	ng	-0.02
78) Terphenyl-d14	12.97	244	1452907	50.69	ng	-0.03
Target Compounds						Qvalue
45) 1,1'-Biphenyl	9.32	154	141858	4.41	ng	96
48) Acenaphthylene	9.76	152	135704	3.37	ng	# 89
49) Dimethylphthalate	9.62	163	411438	13.22	ng	99
51) Acenaphthene	9.94	154	329306	12.90	ng	98
57) Fluorene	10.45	166	788975	28.23	ng	99
70) Phenanthrene	11.40	178	193479	5.12	ng	97
71) Anthracene	11.46	178	129506	3.40	ng	96

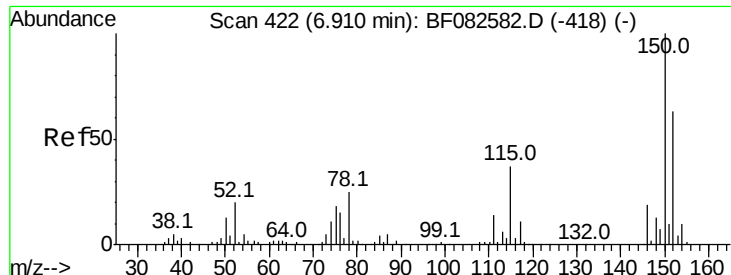
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
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Instrument :
BNA_F
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SB-11(4-6)

Quant Time: Nov 06 02:27:37 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

Instrument :

BNA_F

ClientSampleId :

SB-11(4-6)

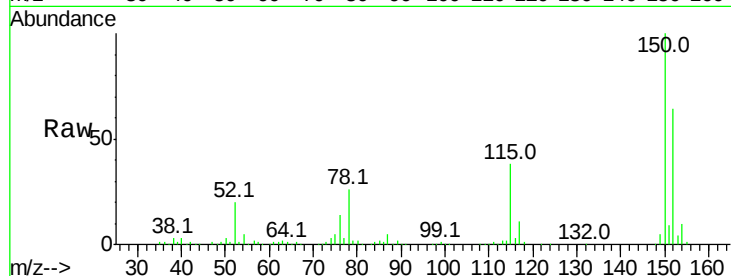
Tot Ion:152 Resp: 183021

Ion Ratio Lower Upper

152 100

150 155.6 127.0 190.4

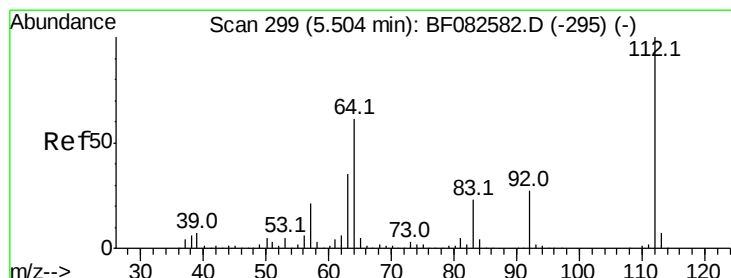
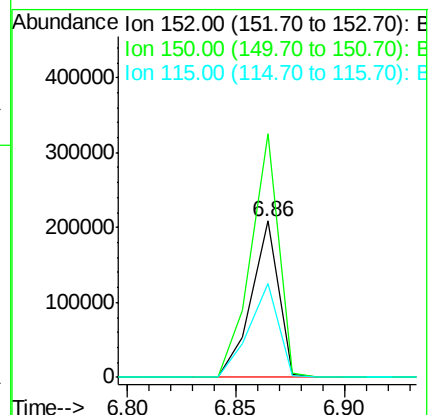
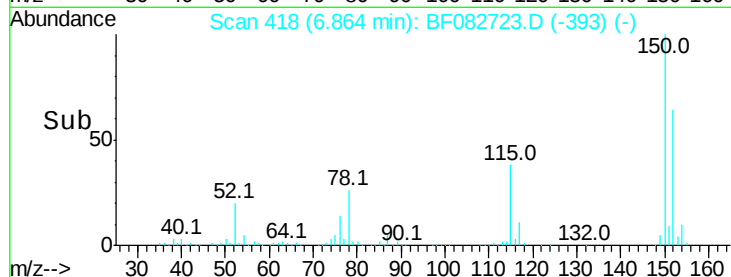
115 59.8 47.0 70.6



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: 106.00 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

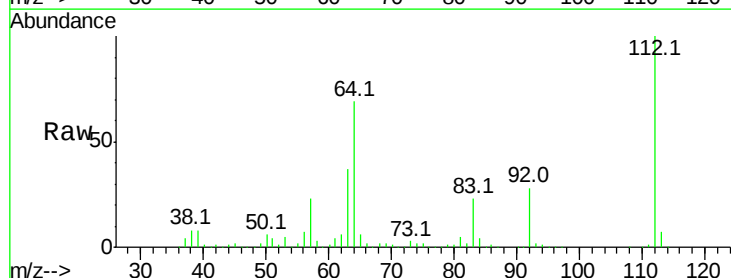
Tgt Ion:112 Resp: 1288103

Ion Ratio Lower Upper

112 100

64 69.2 48.9 73.3

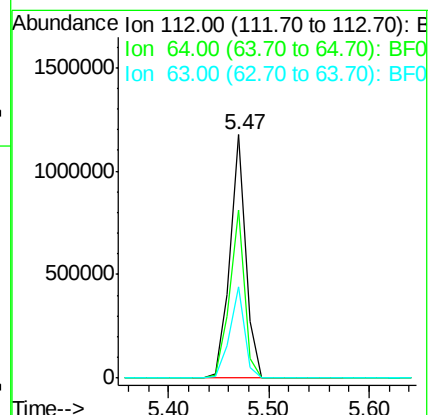
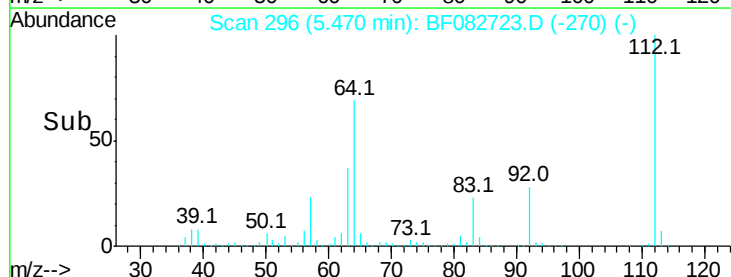
63 37.4 28.1 42.1

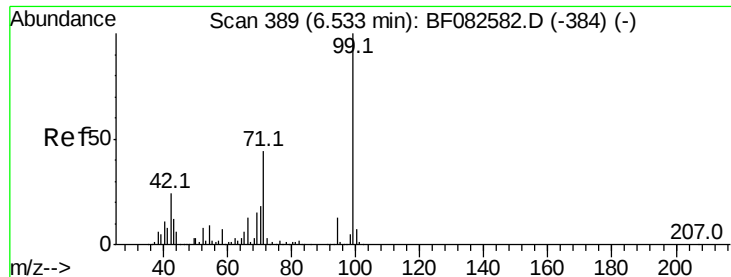


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.93 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

Instrument :

BNA_F

ClientSampleId :

SB-11(4-6)

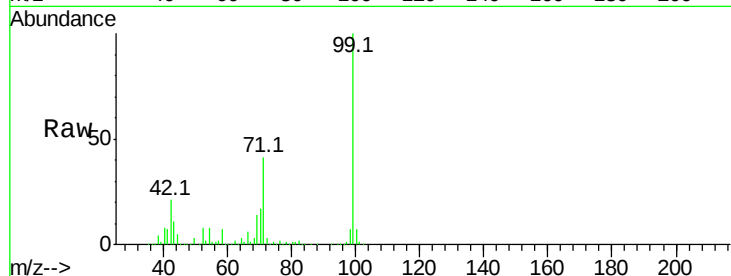
Tot Ion: 99 Resp: 1871476

Ion Ratio Lower Upper

99 100

42 21.5 19.2 28.8

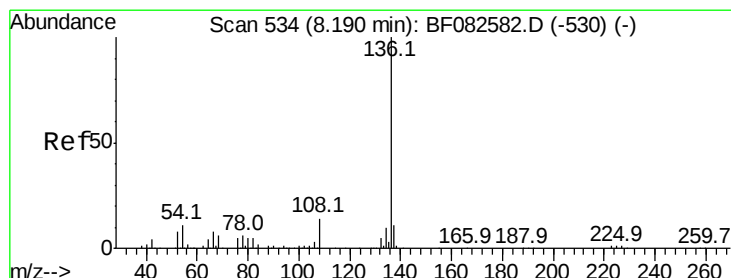
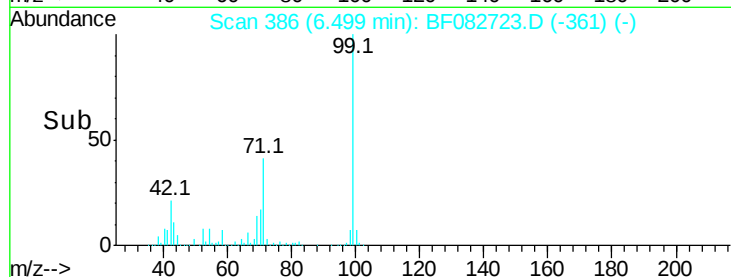
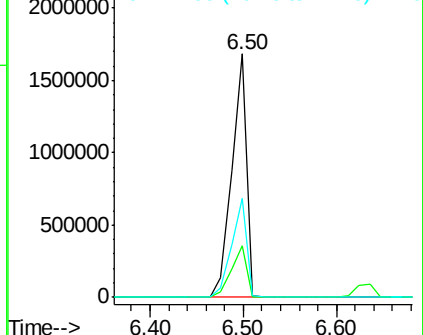
71 40.6 35.0 52.4



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: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

Tgt Ion: 136 Resp: 663310

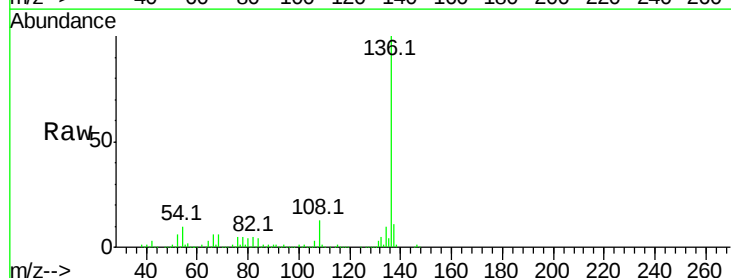
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.8 9.1 13.7

68 6.0 4.8 7.2

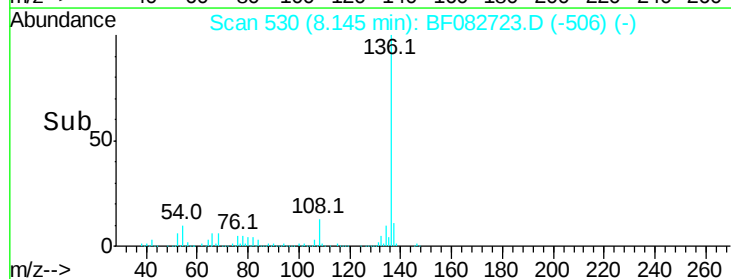
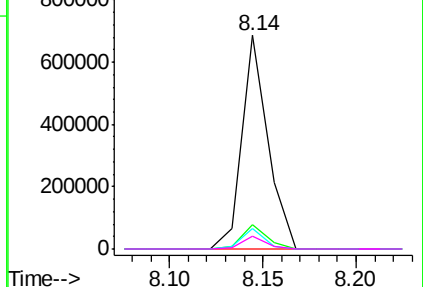


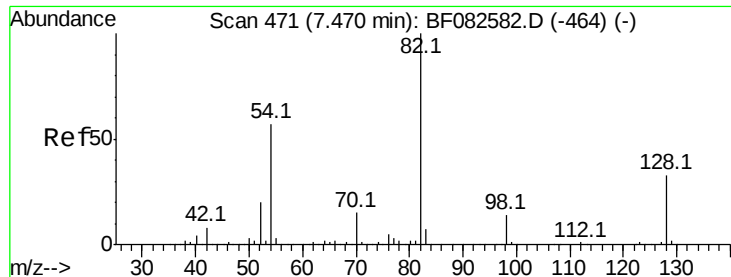
Abundance Ion 136.00 (135.70 to 136.70): E

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

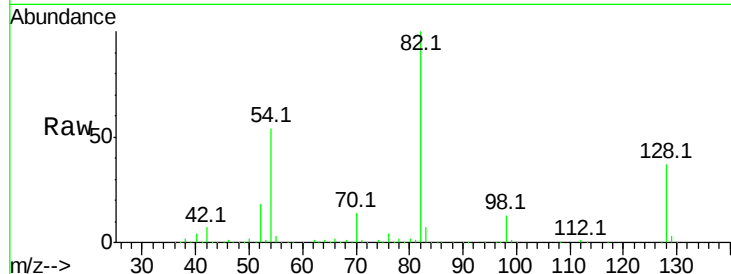




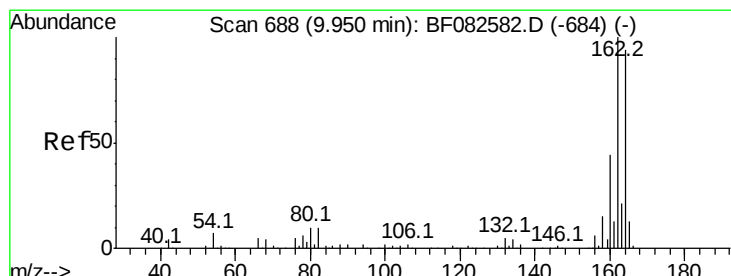
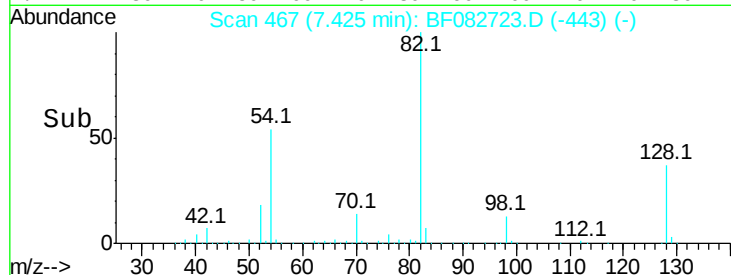
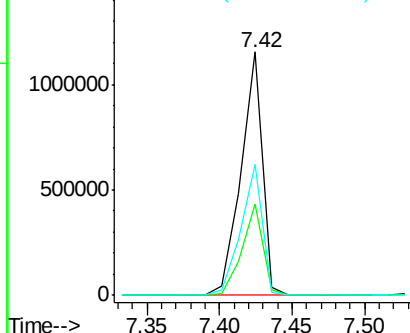
#23
 Nitrobenzene-d5
 Concen: 72.70 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(4-6)

Tot Ion: 82 Resp: 1180972
 Ion Ratio Lower Upper
 82 100
 128 37.4 26.8 40.2
 54 53.8 45.7 68.5

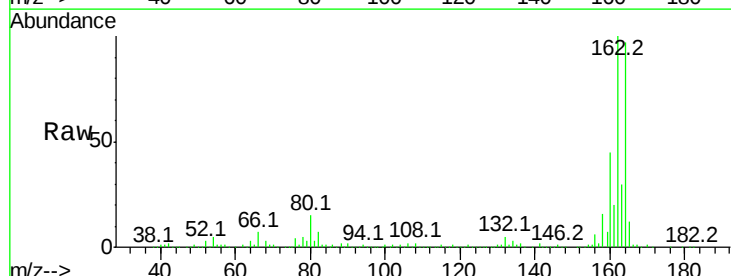


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

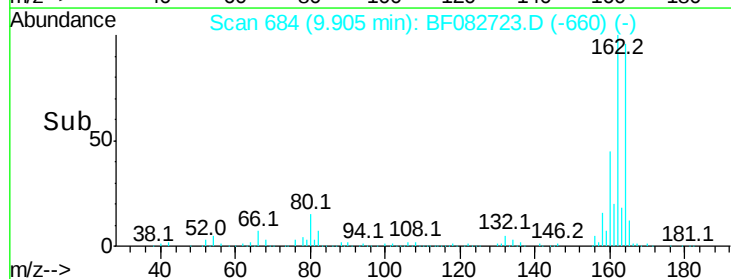
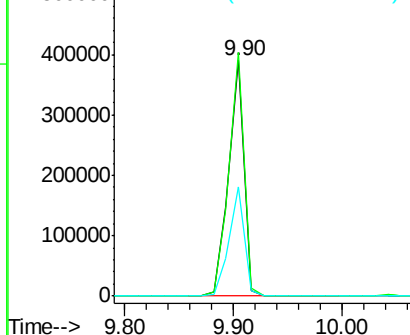


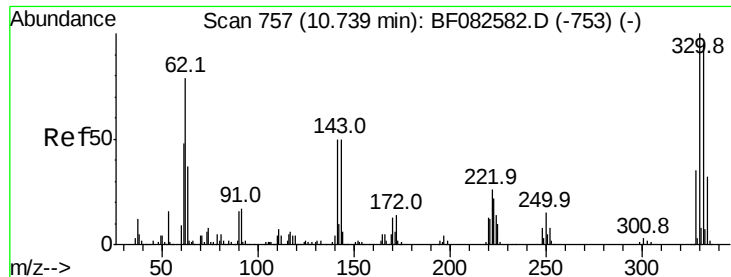
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

Tgt Ion:164 Resp: 381214
 Ion Ratio Lower Upper
 164 100
 162 103.4 84.9 127.3
 160 46.3 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

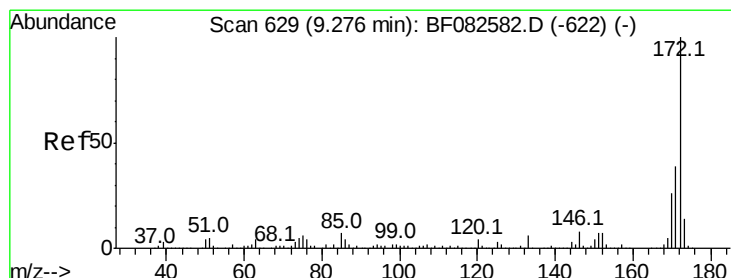
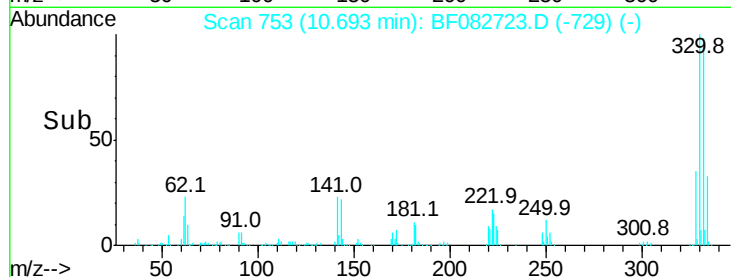
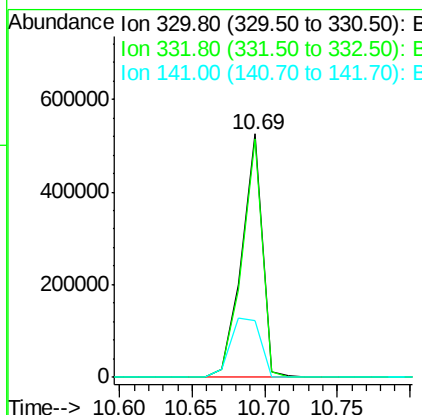
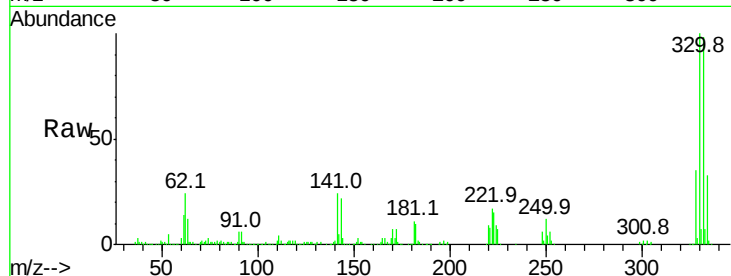




#41
 2,4,6-Tribromophenol
 Concen: 125.11 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

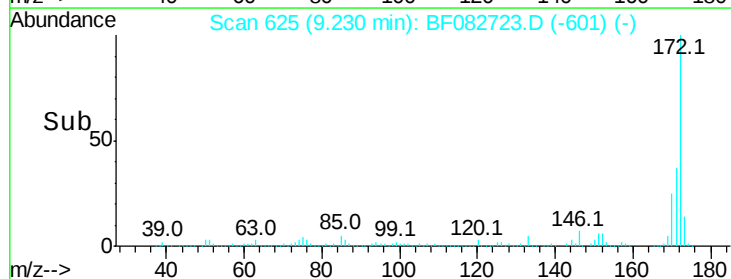
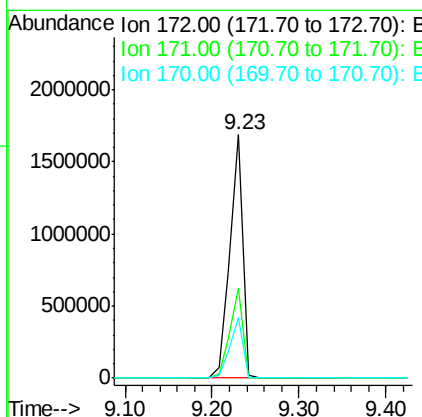
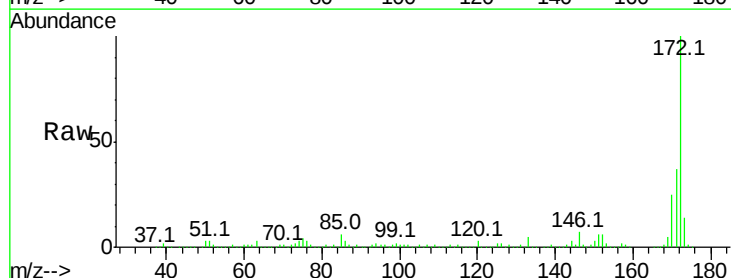
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(4-6)

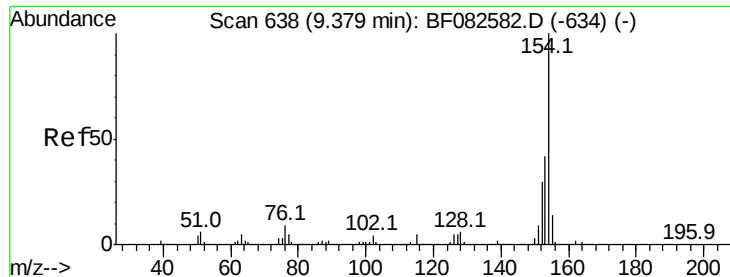
Tot Ion:330 Resp: 521943
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 36.3 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 64.71 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

Tgt Ion:172 Resp: 1737411
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.0 21.2 31.8





#45

1,1'-Biphenyl

Concen: 4.41 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

Instrument :

BNA_F

ClientSampleId :

SB-11(4-6)

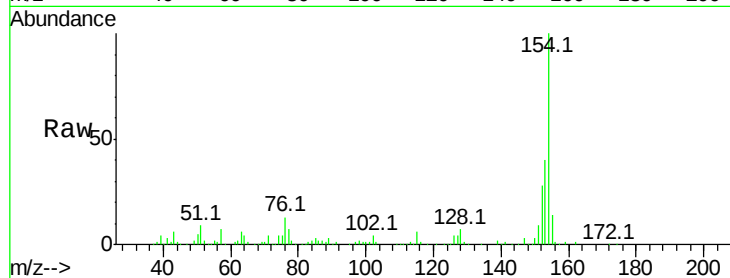
Tot Ion:154 Resp: 141858

Ion Ratio Lower Upper

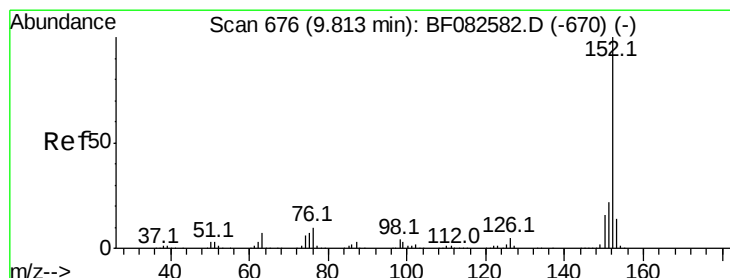
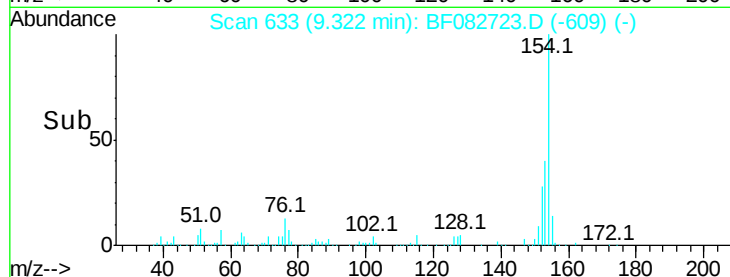
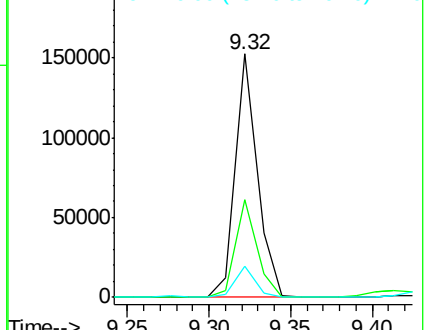
154 100

153 40.2 22.0 62.0

76 12.8 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#48

Acenaphthylene

Concen: 3.37 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

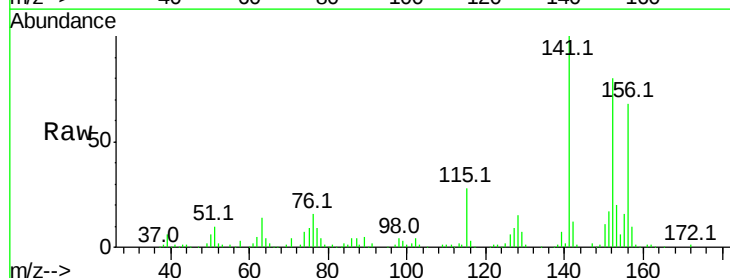
Tgt Ion:152 Resp: 135704

Ion Ratio Lower Upper

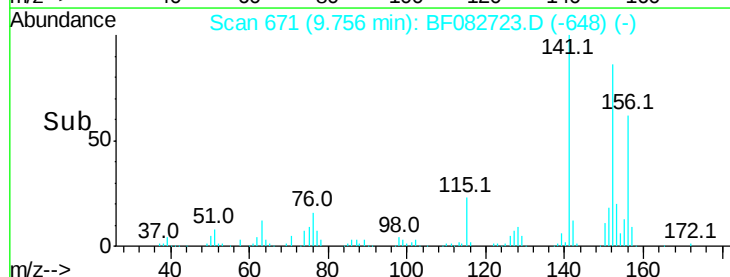
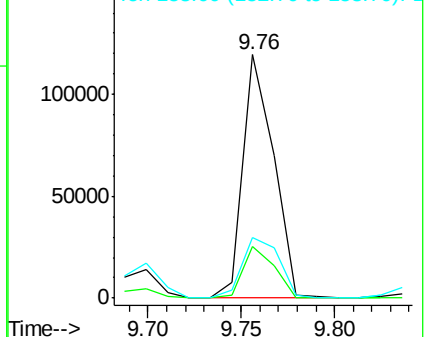
152 100

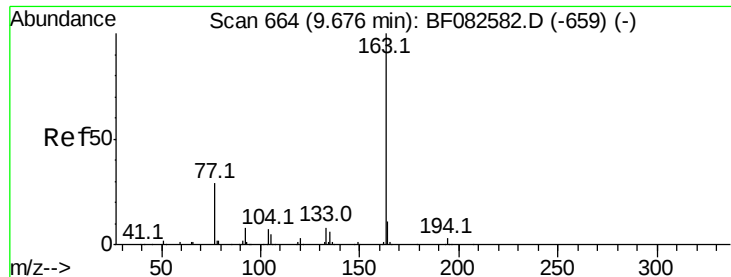
151 21.4 17.3 25.9

153 25.1 11.3 16.9#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

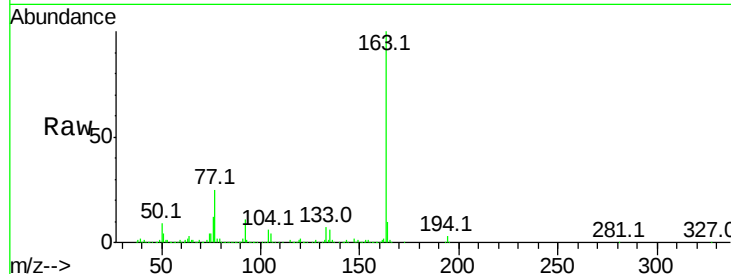




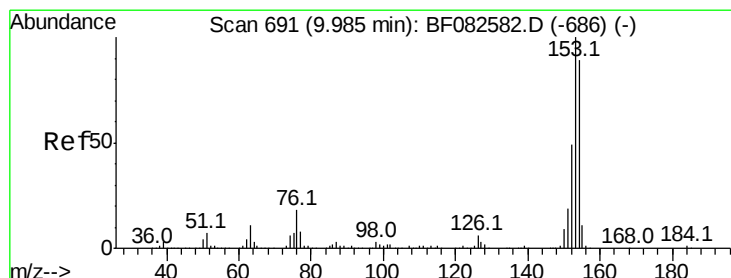
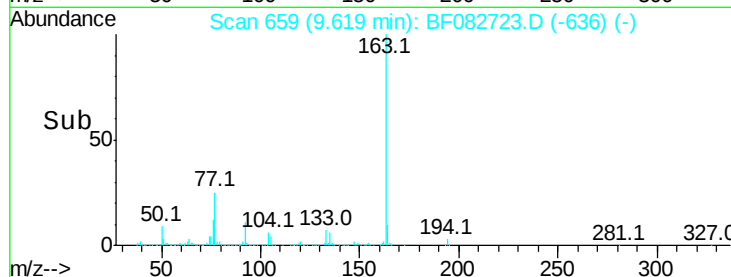
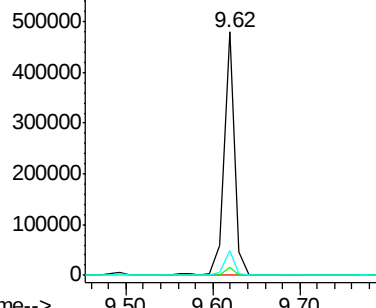
#49
Dimethylphthalate
Concen: 13.22 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082723.D
Acq: 5 Nov 2015 12:12

Instrument :
BNA_F
ClientSampleId :
SB-11(4-6)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.4	8.7	13.1

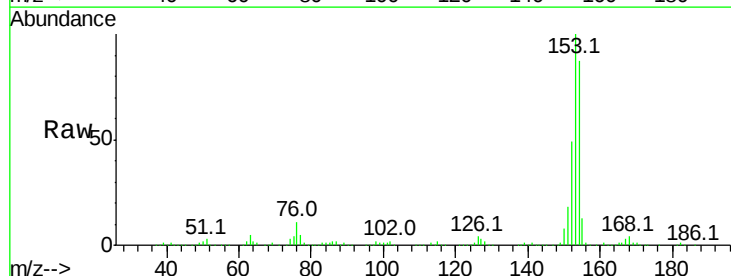


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

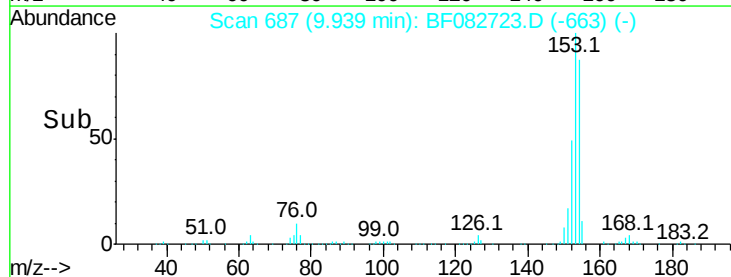
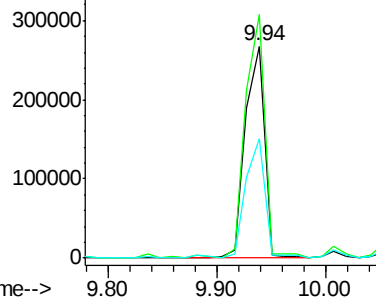


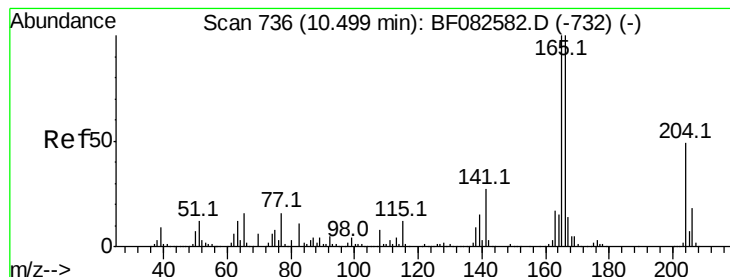
#51
Acenaphthene
Concen: 12.90 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF082723.D
Acq: 5 Nov 2015 12:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	90.1	135.1
152	56.6	44.3	66.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 28.23 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

Instrument :

BNA_F

ClientSampleId :

SB-11(4-6)

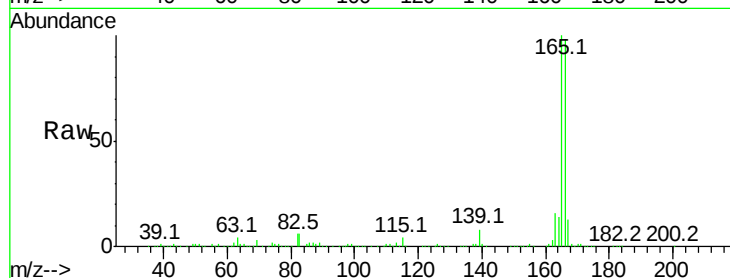
Tot Ion:166 Resp: 788975

Ion Ratio Lower Upper

166 100

165 101.7 80.2 120.4

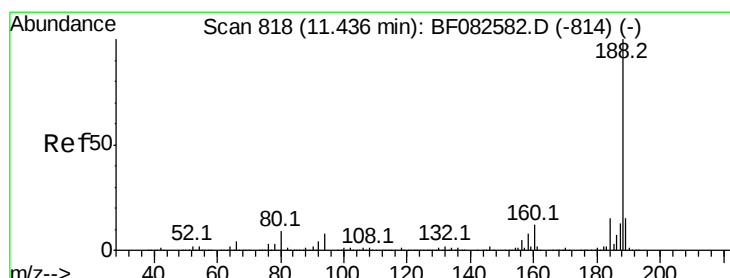
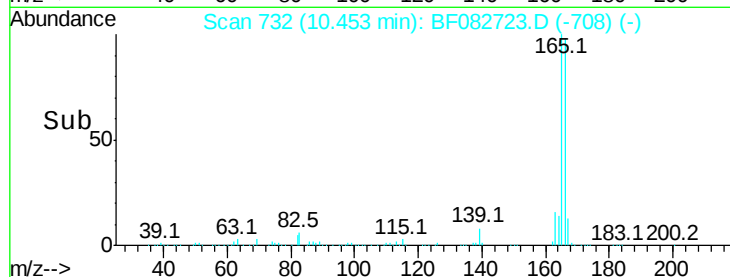
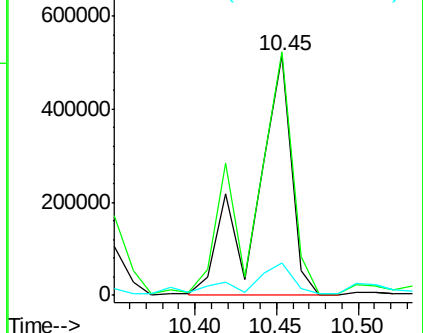
167 13.6 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

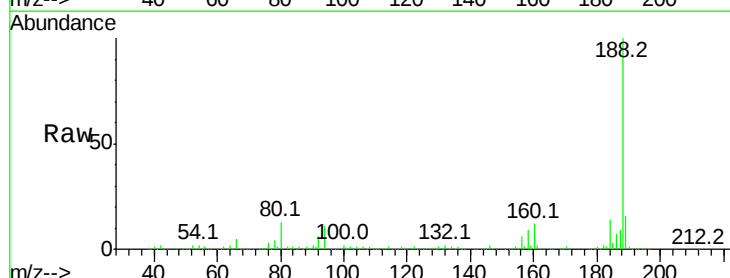
Tgt Ion:188 Resp: 670167

Ion Ratio Lower Upper

188 100

94 11.3 6.1 9.1#

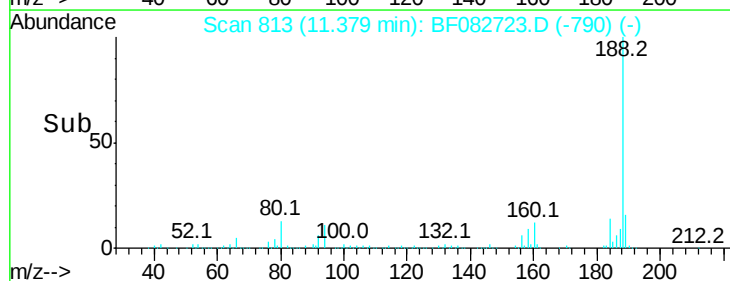
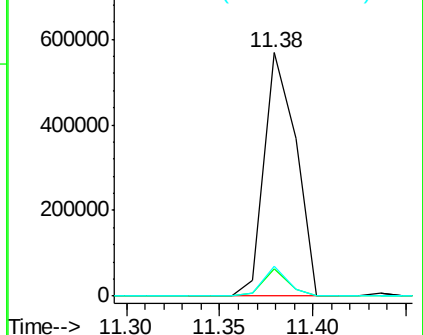
80 12.5 7.0 10.6#

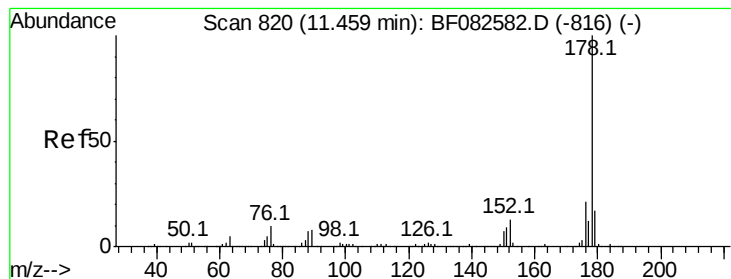


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 5.12 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

Instrument :

BNA_F

ClientSampleId :

SB-11(4-6)

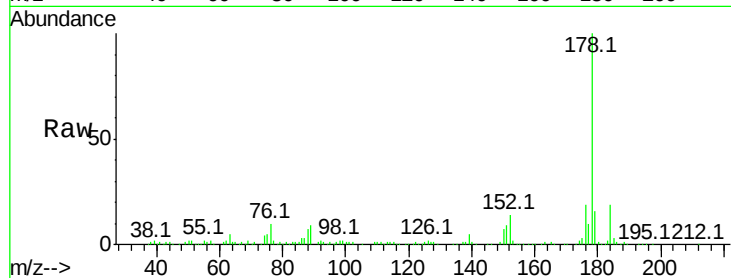
Tot Ion:178 Resp: 193479

Ion Ratio Lower Upper

178 100

176 19.3 17.0 25.4

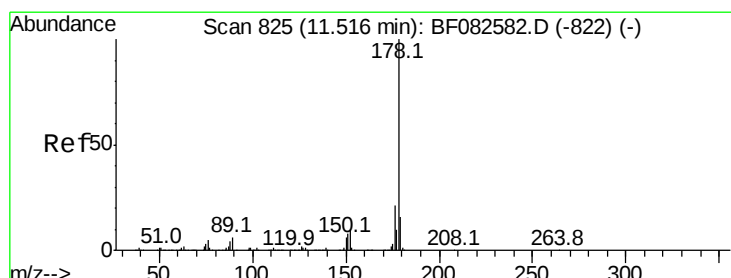
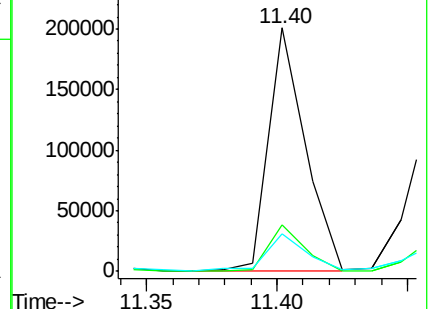
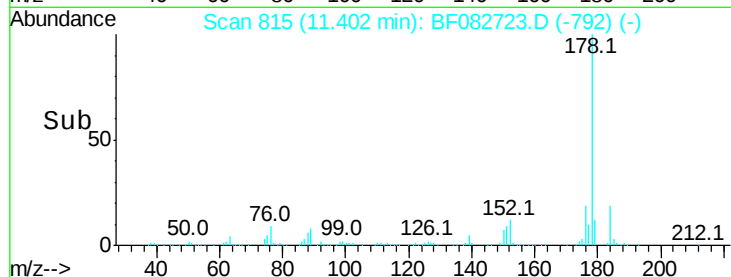
179 15.7 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.40 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

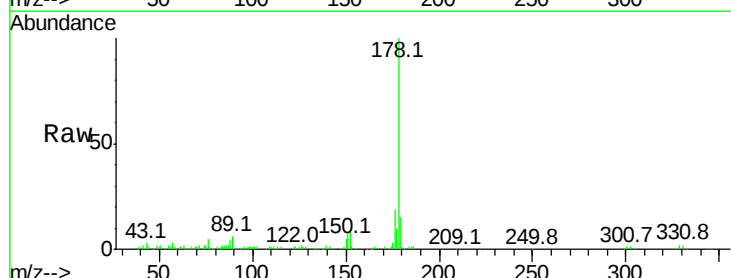
Tgt Ion:178 Resp: 129506

Ion Ratio Lower Upper

178 100

176 18.9 16.5 24.7

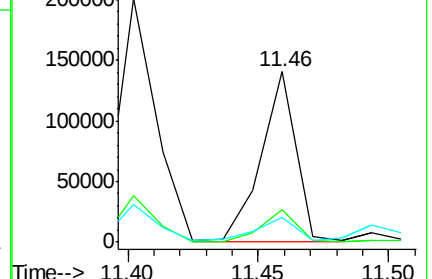
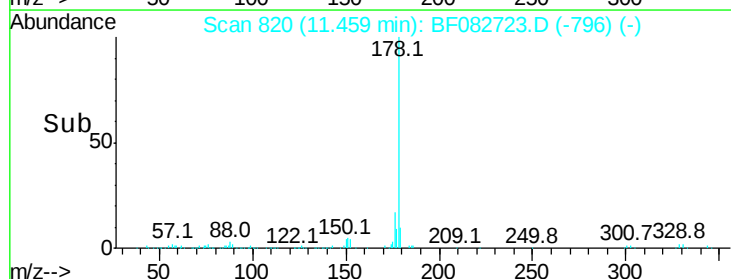
179 14.8 13.2 19.8

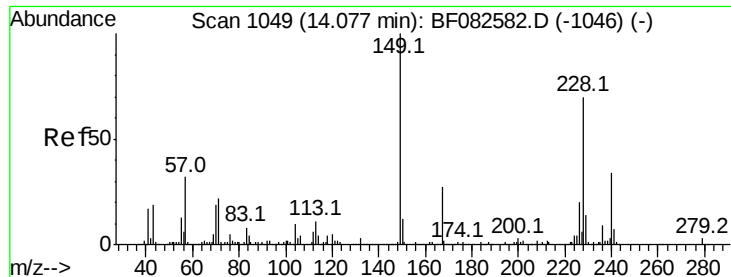


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

Instrument :

BNA_F

ClientSampleId :

SB-11(4-6)

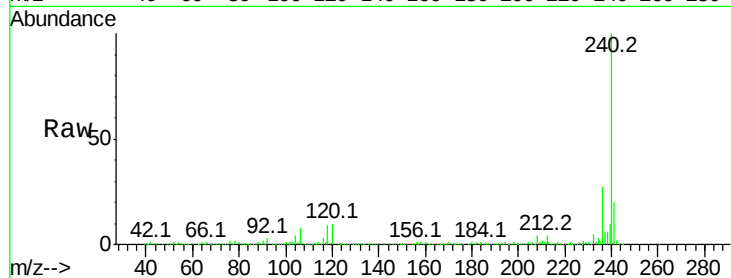
Tot Ion:240 Resp: 627245

Ion Ratio Lower Upper

240 100

120 9.9 10.9 16.3#

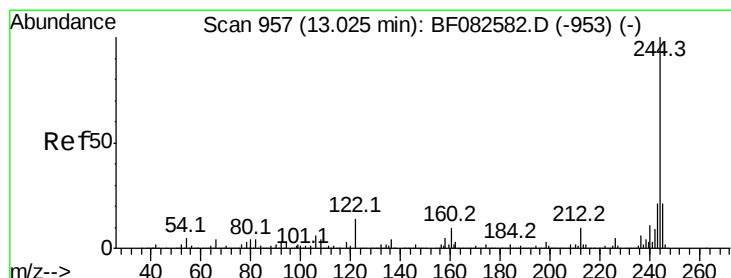
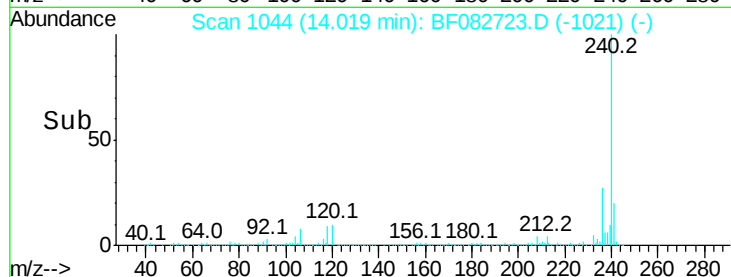
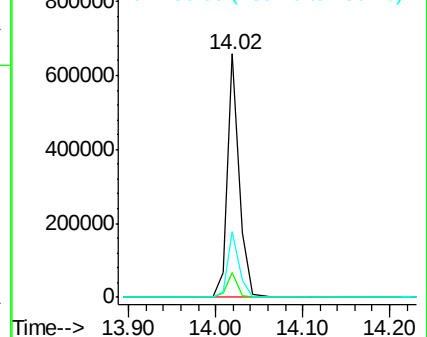
236 26.9 21.6 32.4



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: 50.69 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

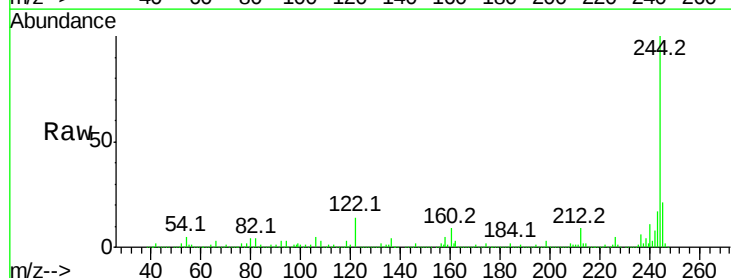
Tgt Ion:244 Resp: 1452907

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

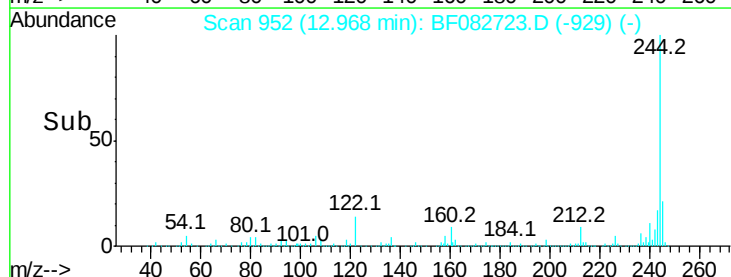
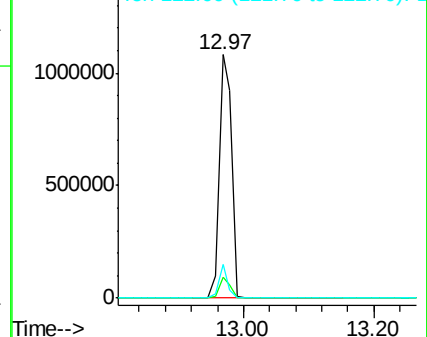
122 13.7 11.3 16.9

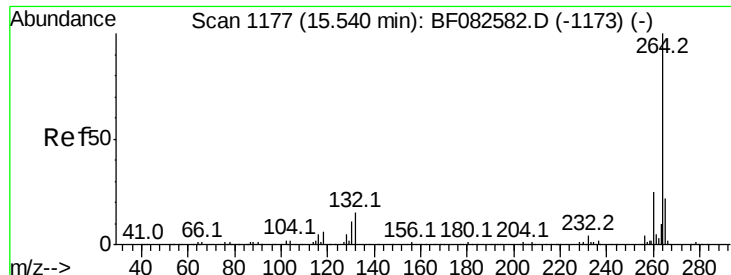


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(4-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.7	17.4	26.0

