

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 01:11:00 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

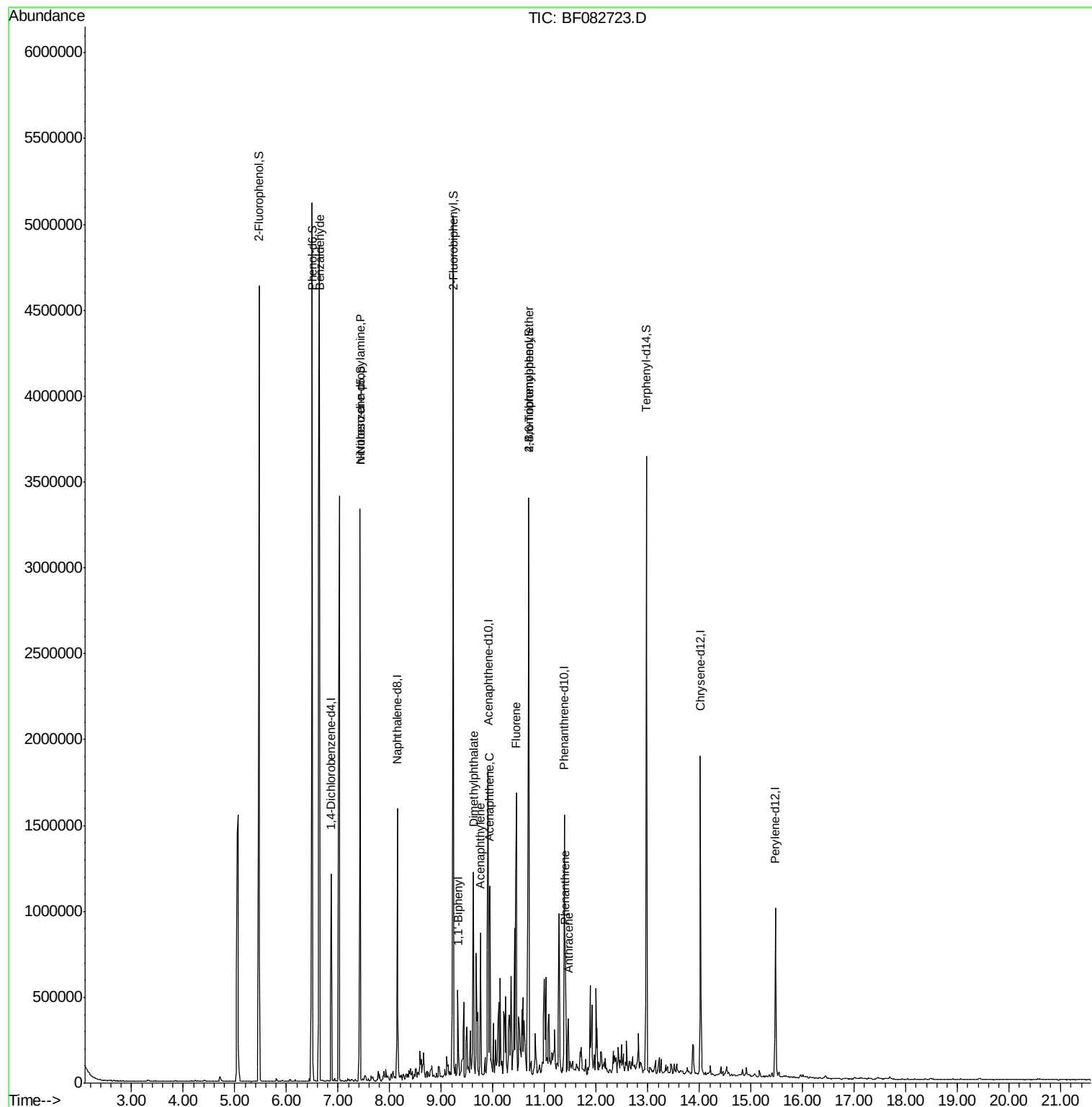
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	183021	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	663310	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	381214	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	670167	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	627245	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						
9) Benzaldehyde	6.64	77	44206	4.01	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.42	70	163242	13.34	ng	# 72
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
66) 4-Bromophenyl-phenylether	10.69	248	36344	4.79	ng	# 1
70) Phenanthrene	11.40	178	193479	5.12	ng	97
71) Anthracene	11.46	178	129506	3.40	ng	96

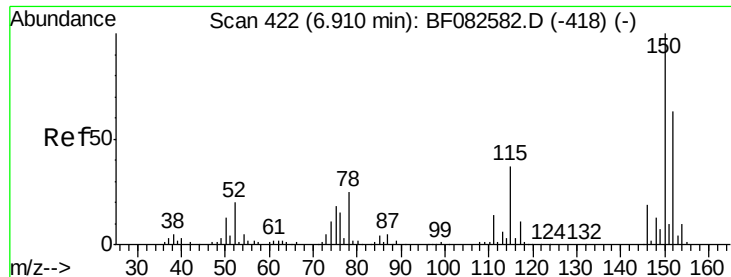
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
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 01:11:00 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)

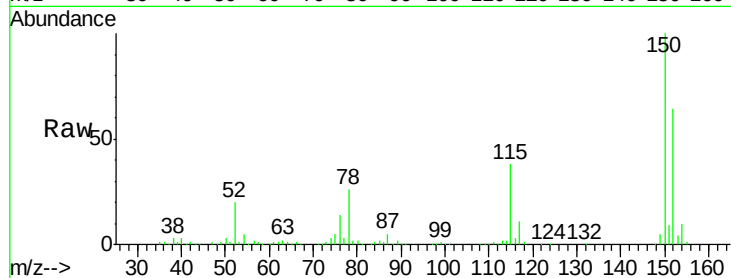
Tgt Ion:152 Resp: 183021

Ion Ratio Lower Upper

152 100

150 155.6 127.0 190.4

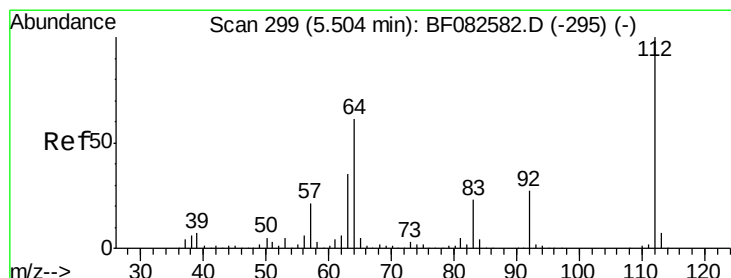
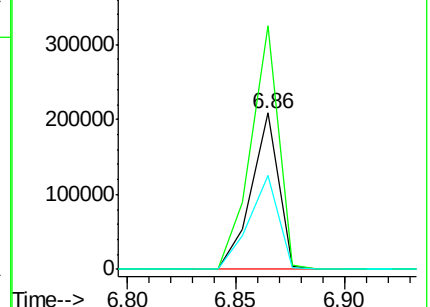
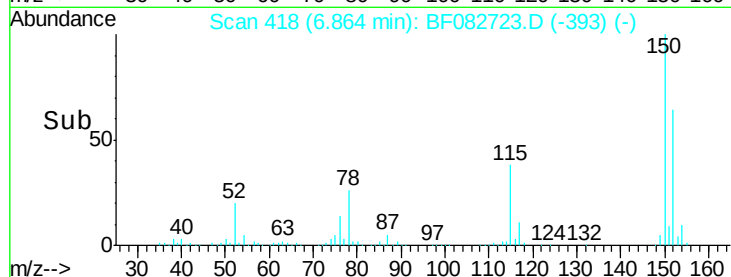
115 59.8 47.0 70.6



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

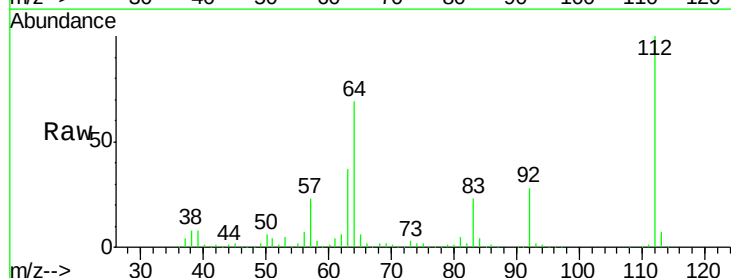
Tgt Ion:112 Resp: 1288103

Ion Ratio Lower Upper

112 100

64 69.2 48.9 73.3

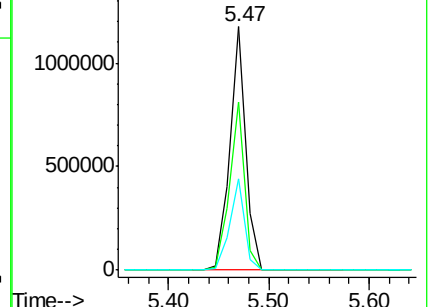
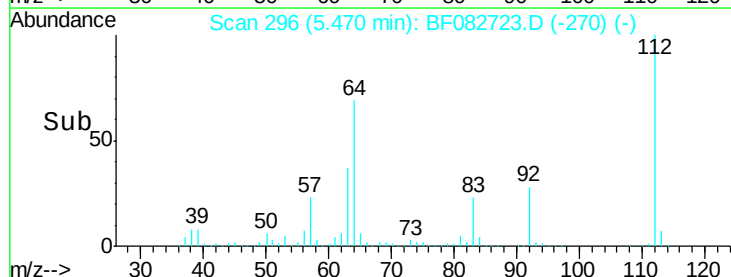
63 37.4 28.1 42.1

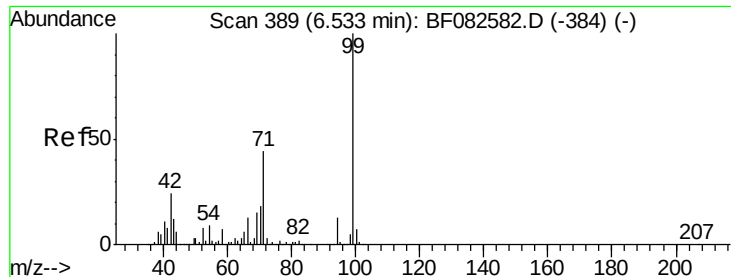


Abundance Ion 112.00 (111.70 to 112.70): E

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)

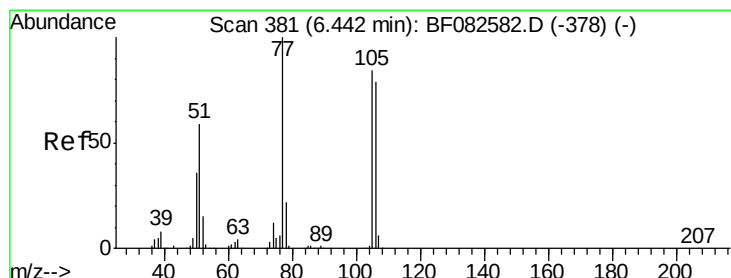
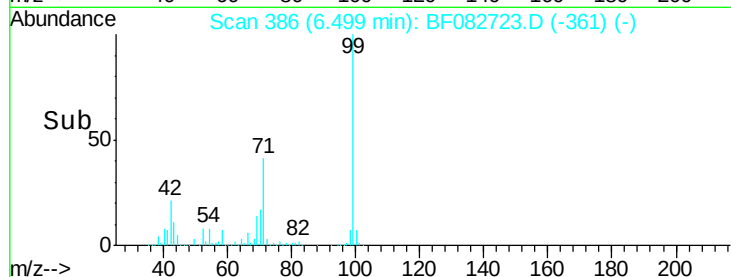
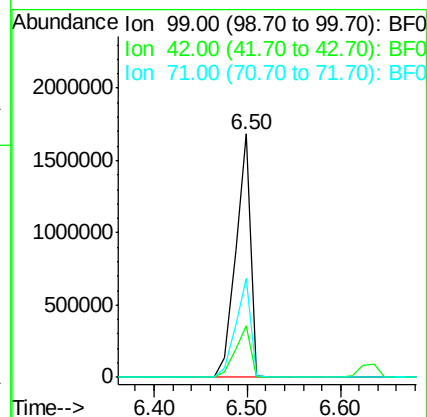
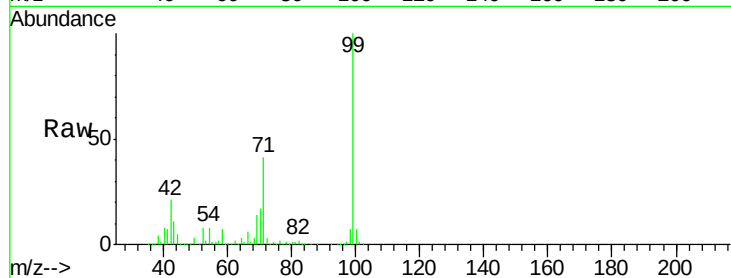
Tgt Ion: 99 Resp: 1871476

Ion Ratio Lower Upper

99 100

42 21.5 19.2 28.8

71 40.6 35.0 52.4



#9

Benzaldehyde

Concen: 4.01 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

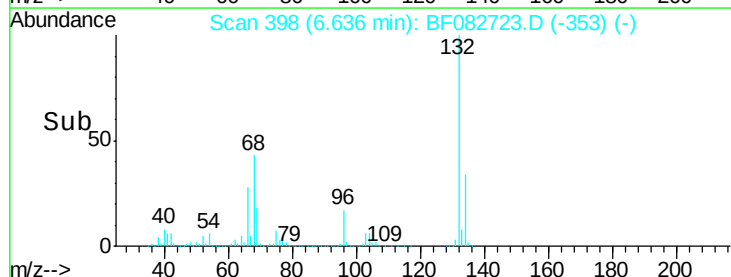
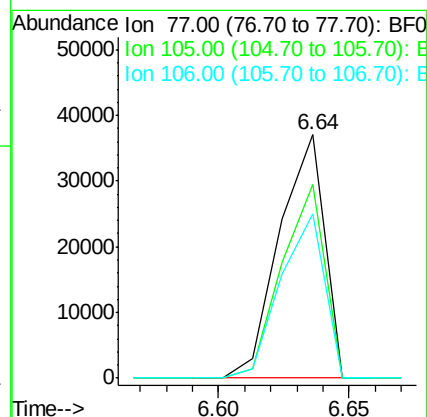
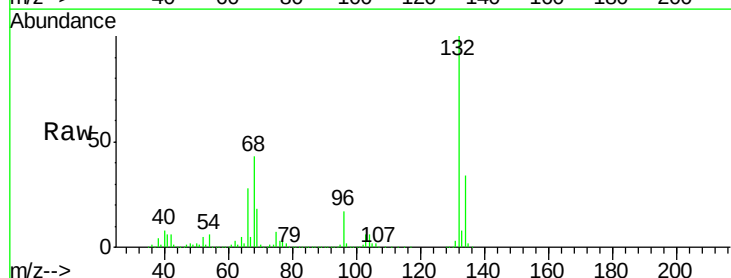
Tgt Ion: 77 Resp: 44206

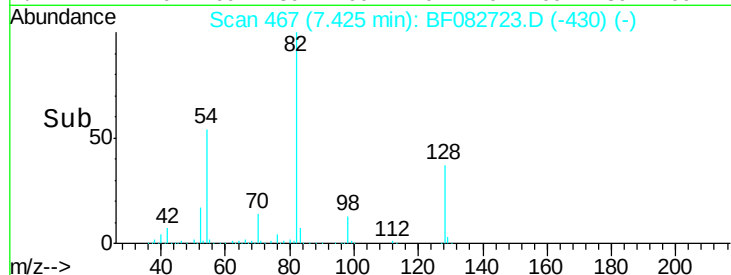
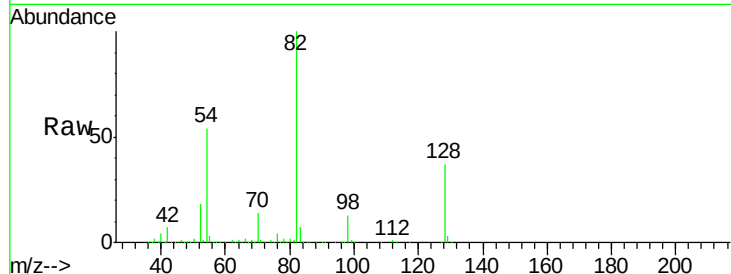
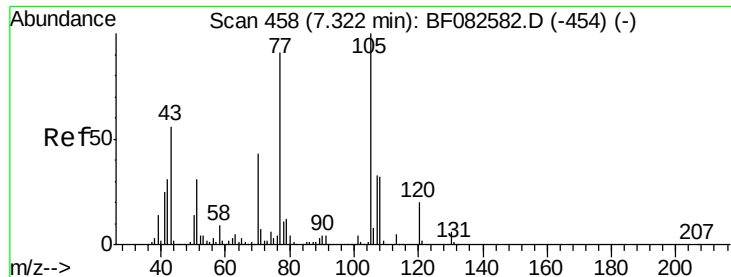
Ion Ratio Lower Upper

77 100

105 79.7 63.5 103.5

106 67.2 59.3 99.3

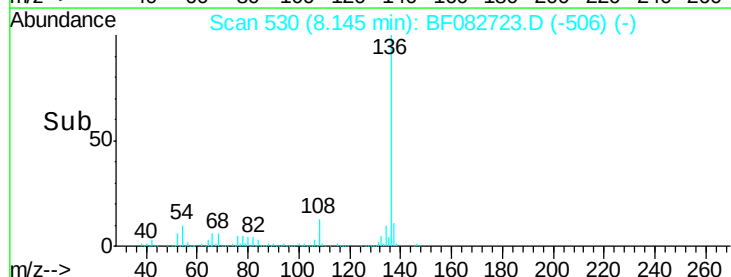
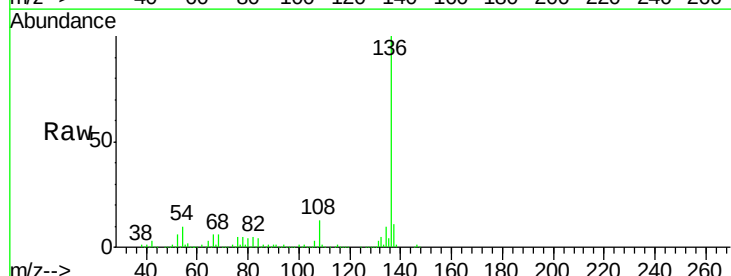
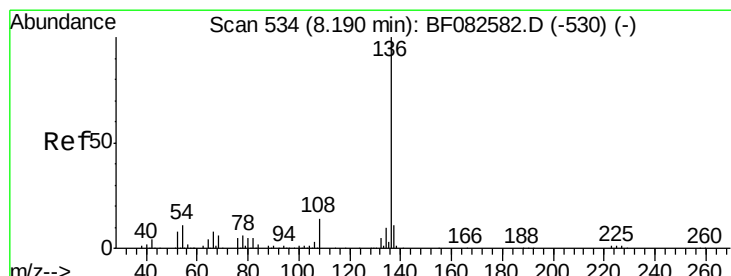
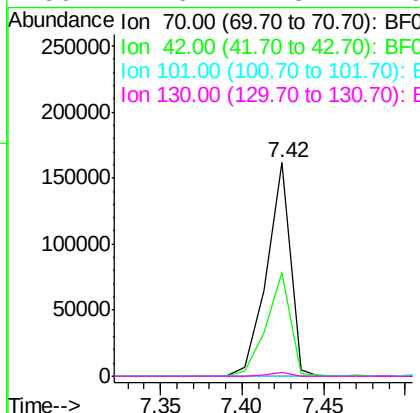




#19
n-Nitroso-di-n-propylamine
Concen: 13.34 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082723.D
Acq: 5 Nov 2015 12:12

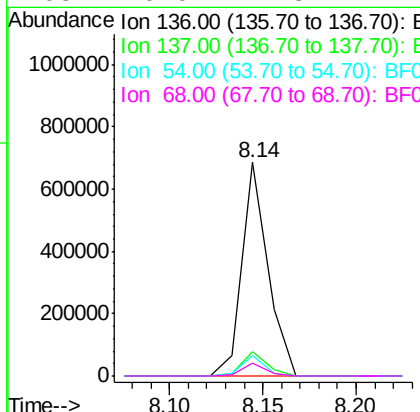
Instrument :
BNA_F
ClientSampleId :
SB-11(4-6)

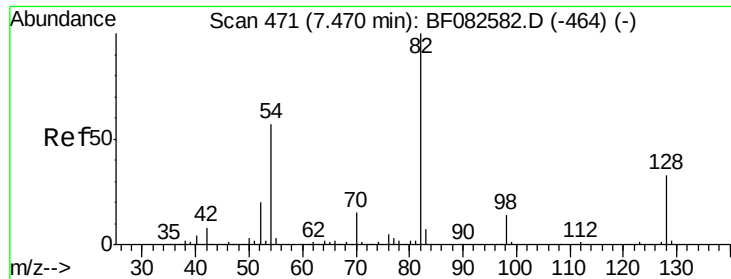
Tgt Ion: 70 Resp: 163242
Ion Ratio Lower Upper
70 100
42 48.8 57.7 86.5#
101 0.0 7.0 10.6#
130 1.6 11.8 17.6#



#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

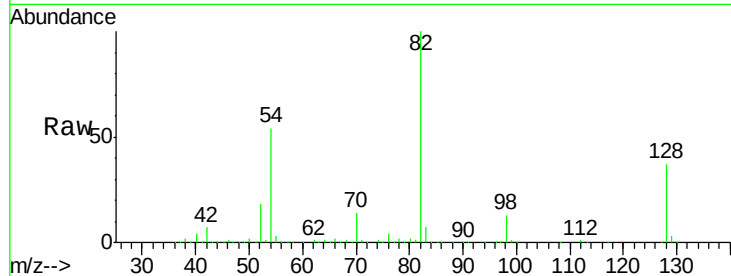




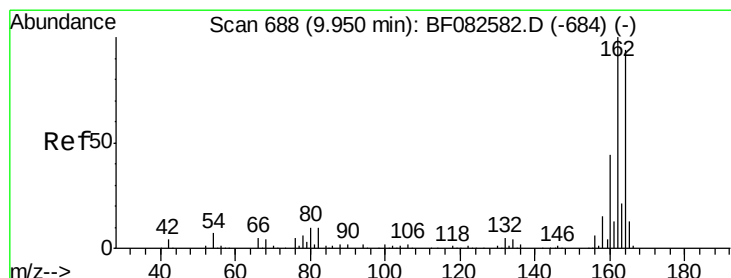
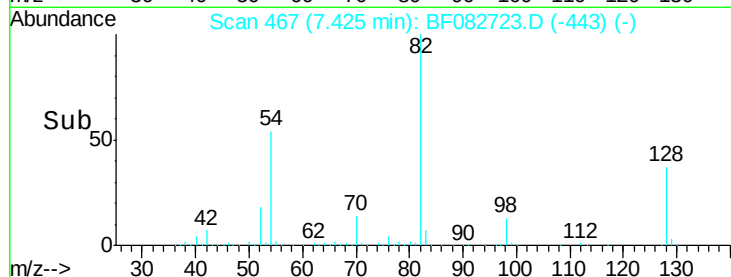
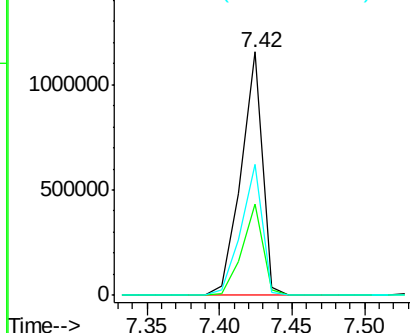
#23
 Nitrobenzene-d5
 Concen: 72.70 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

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

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

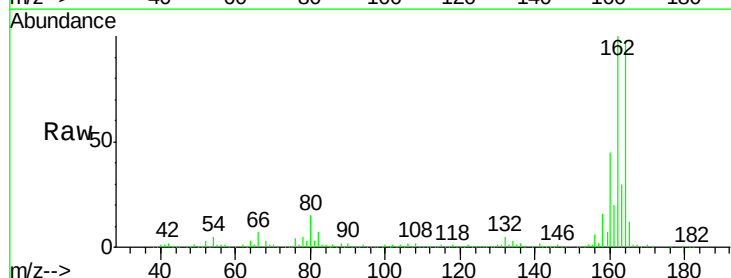


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

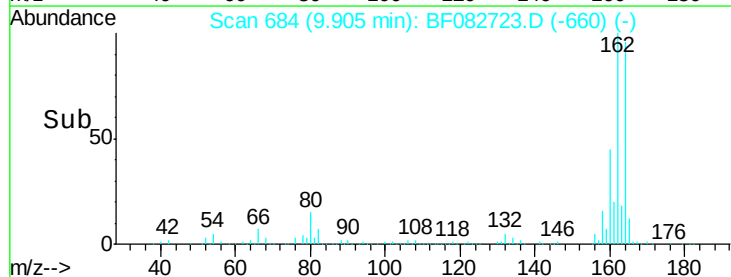
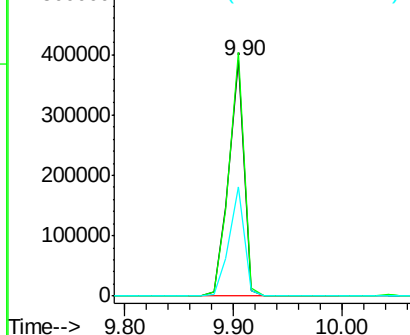


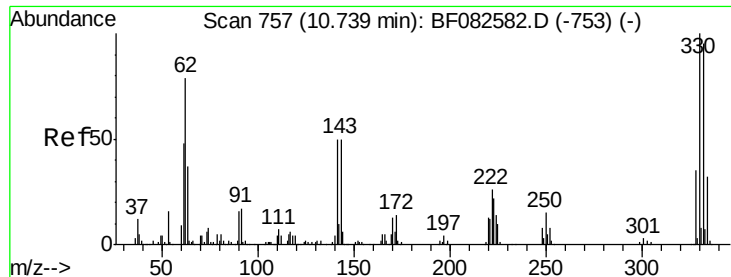
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

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

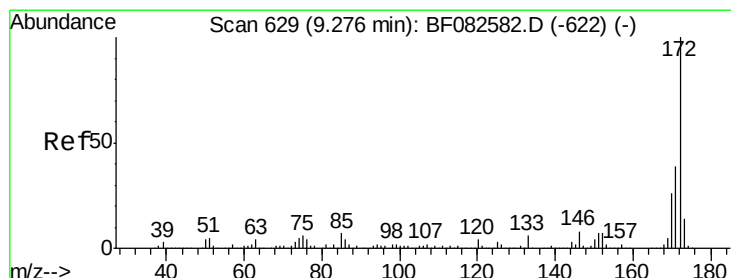
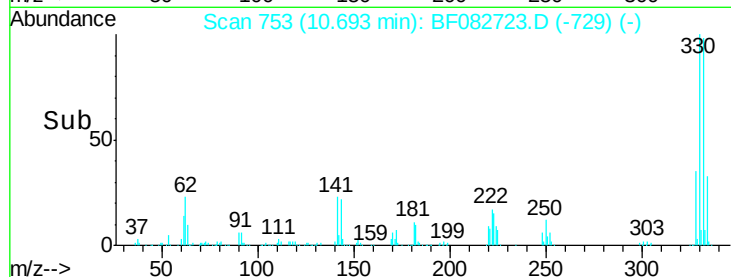
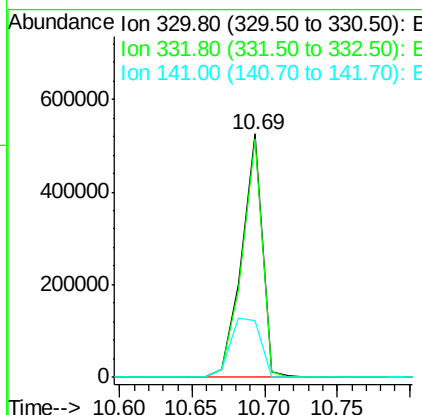
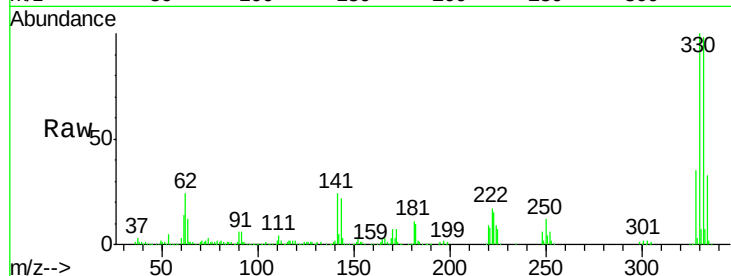




#41
 2,4,6-Tribromophenol
 Concen: 125.11 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

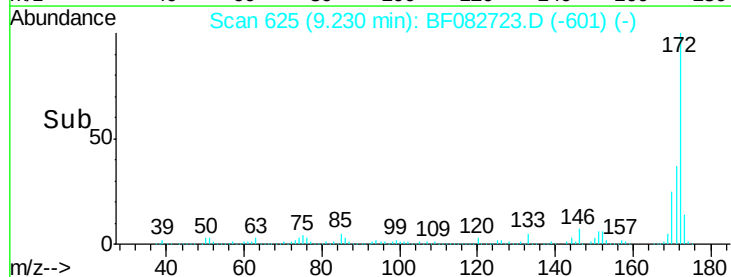
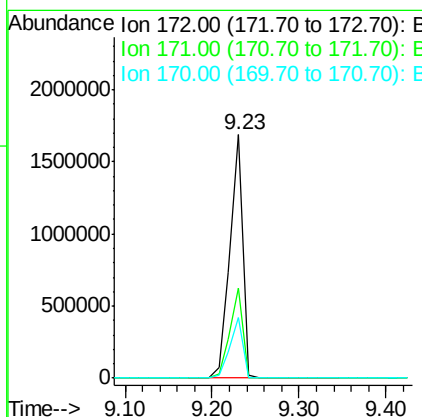
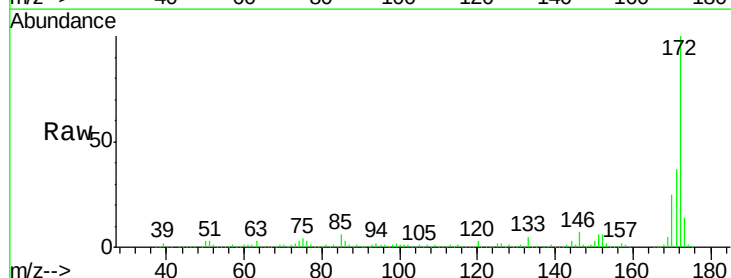
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(4-6)

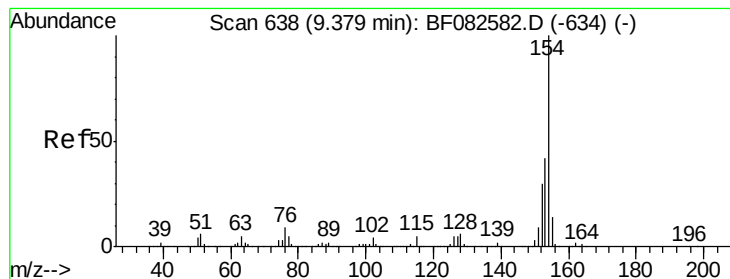
Tgt Ion:330 Resp: 521943
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 36.3 41.2 61.8#



#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)

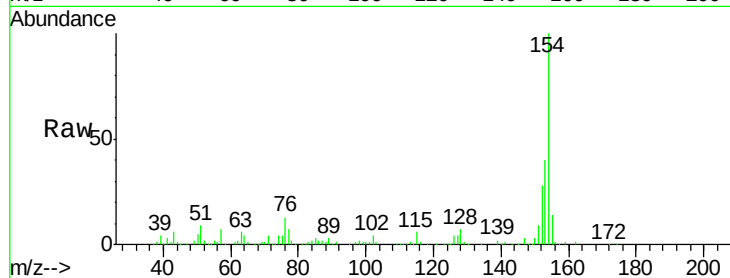
Tgt Ion:154 Resp: 141858

Ion Ratio Lower Upper

154 100

153 40.2 22.0 62.0

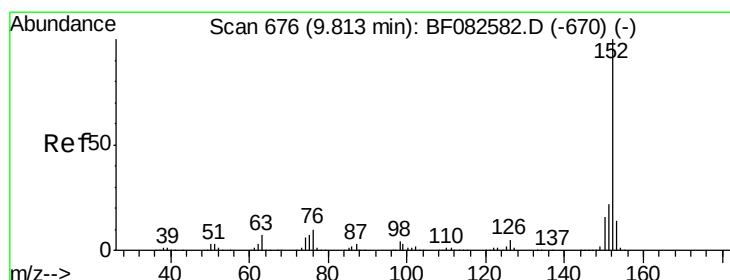
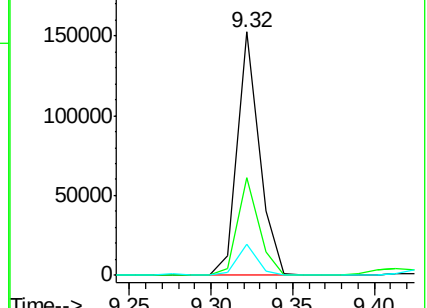
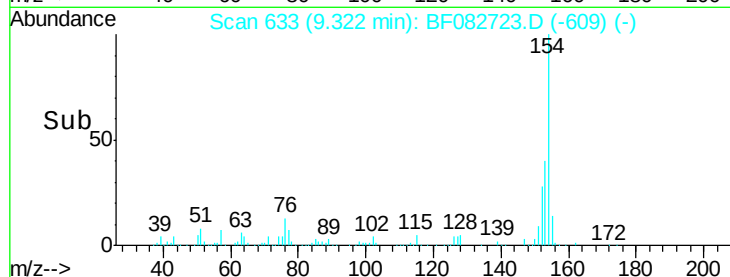
76 12.8 0.0 29.0



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

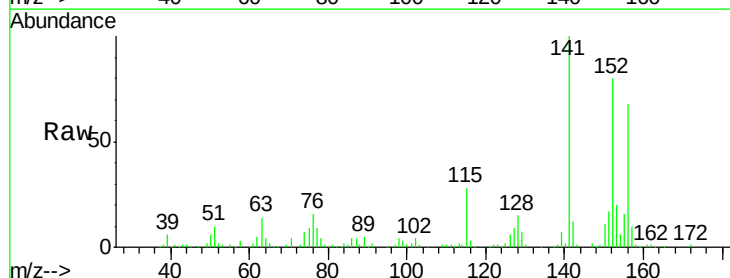
Tgt Ion:152 Resp: 135704

Ion Ratio Lower Upper

152 100

151 21.4 17.3 25.9

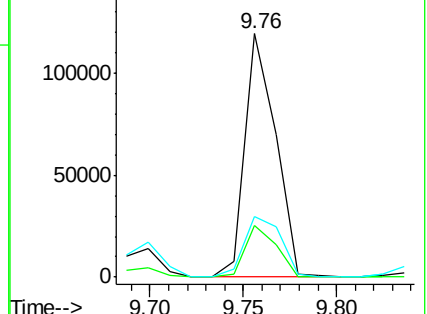
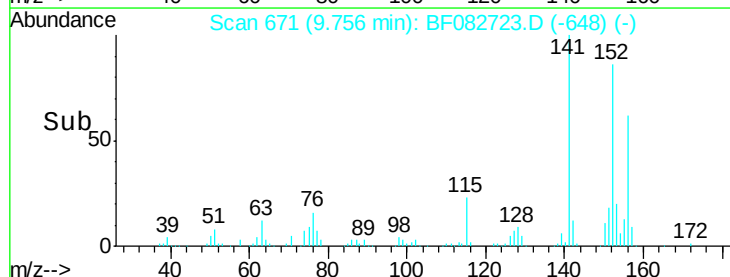
153 25.1 11.3 16.9#

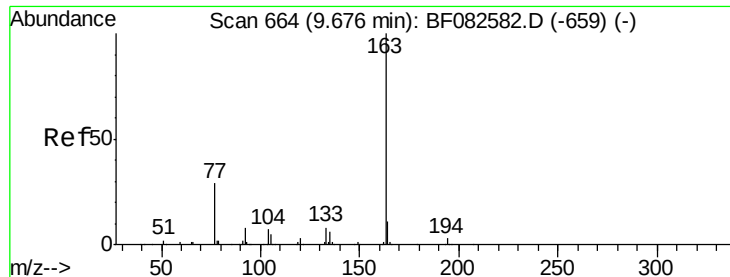


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

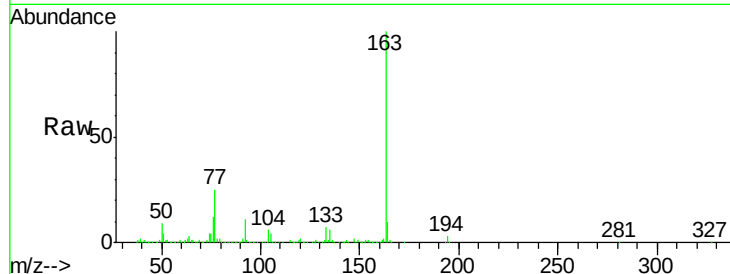




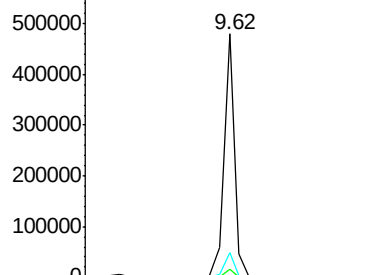
#49
Dimethylphthalate
Concen: 13.22 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082723.D
Acq: 5 Nov 2015 12:12

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

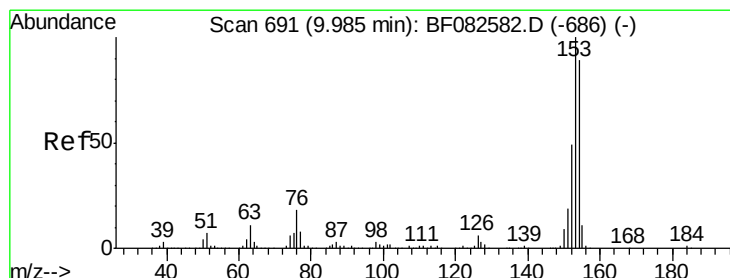
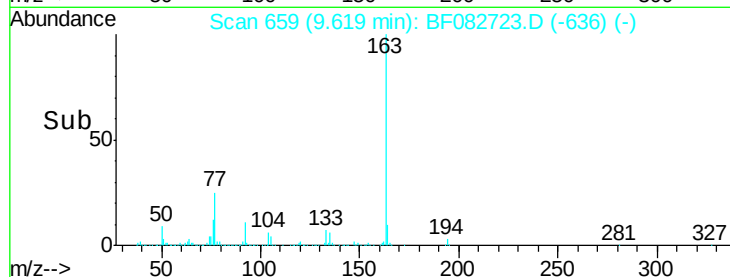
Tgt Ion:163 Resp: 411438
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.4 8.7 13.1



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

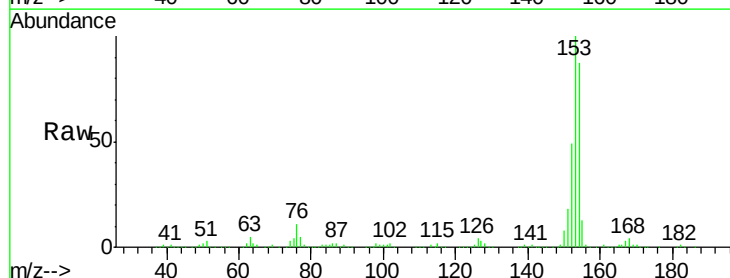


Time-->

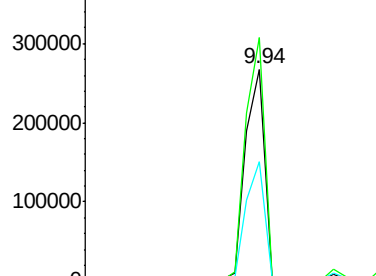


#51
Acenaphthene
Concen: 12.90 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF082723.D
Acq: 5 Nov 2015 12:12

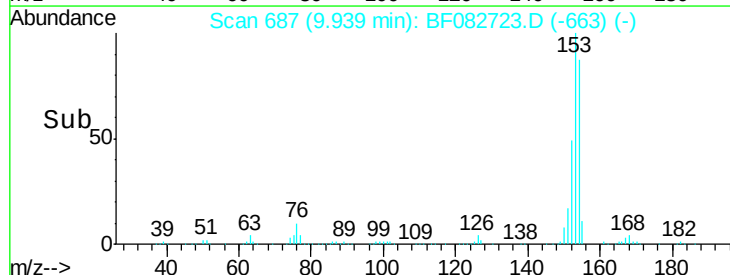
Tgt Ion:154 Resp: 329306
Ion Ratio Lower Upper
154 100
153 115.0 90.1 135.1
152 56.6 44.3 66.5

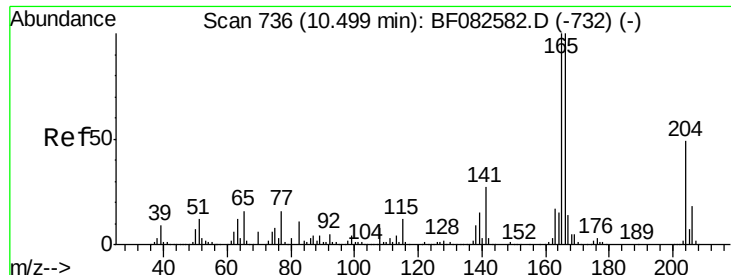


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Time-->

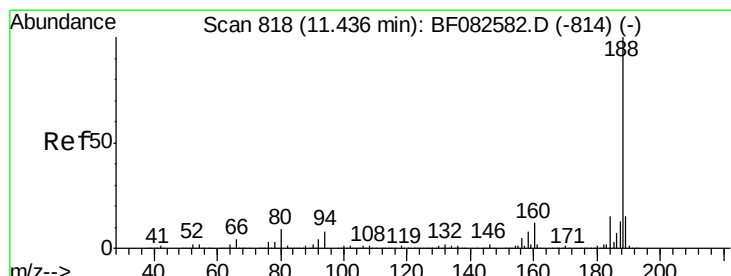
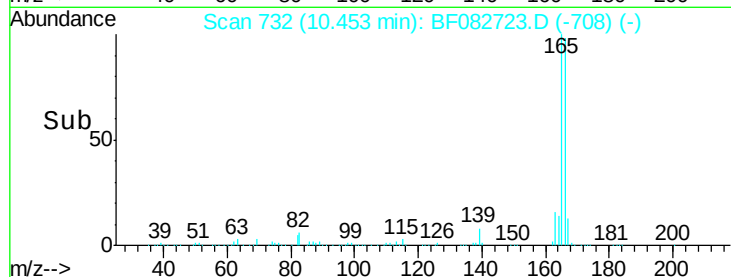
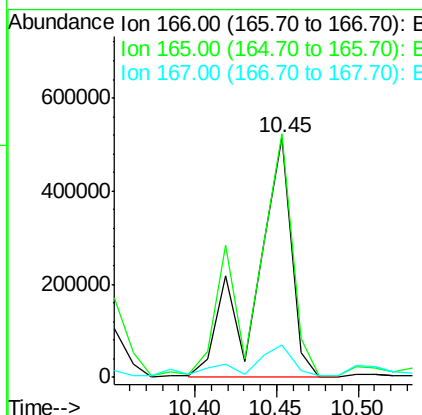
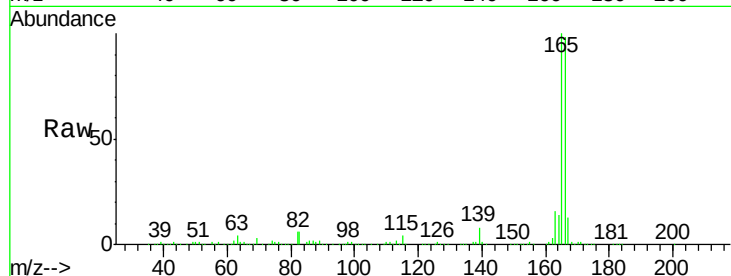




#57
Fluorene
 Concen: 28.23 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.02 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

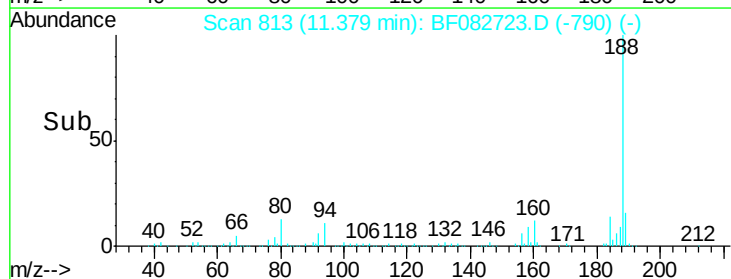
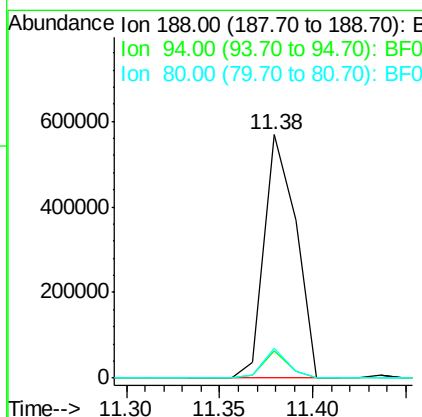
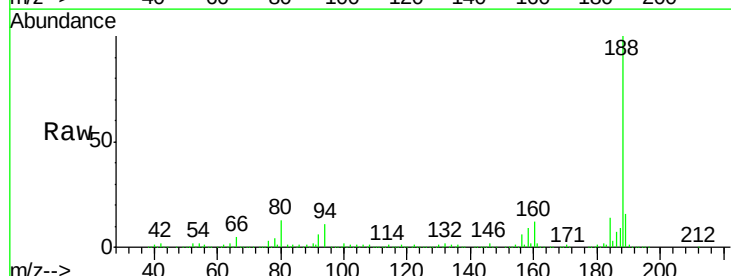
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(4-6)

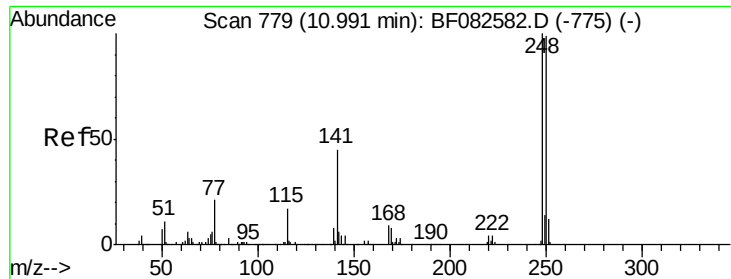
Tgt Ion:166 Resp: 788975
 Ion Ratio Lower Upper
 166 100
 165 101.7 80.2 120.4
 167 13.6 11.2 16.8



#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#

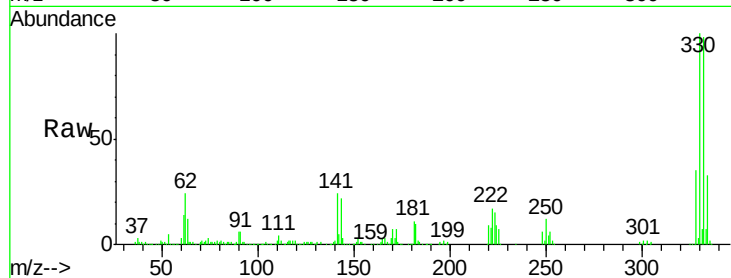




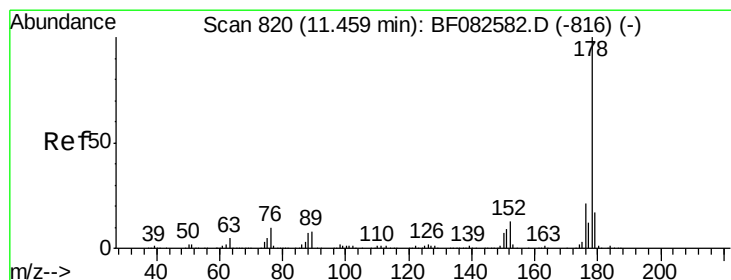
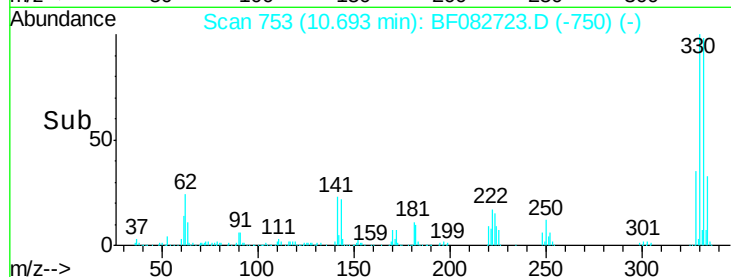
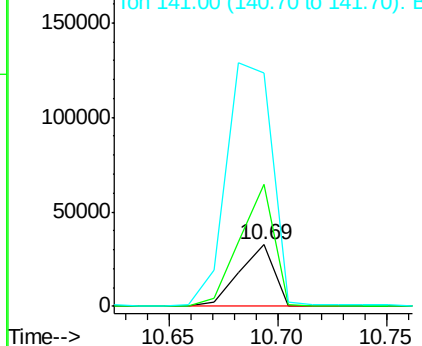
#66
 4-Bromophenyl-phenylether
 Concen: 4.79 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

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

Tgt Ion:248 Resp: 36344
 Ion Ratio Lower Upper
 248 100
 250 197.3 79.4 119.2#
 141 379.3 36.3 54.5#

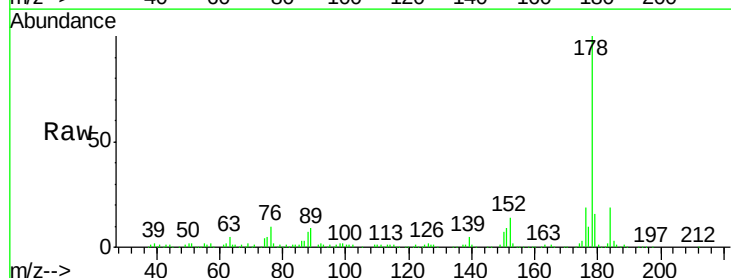


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

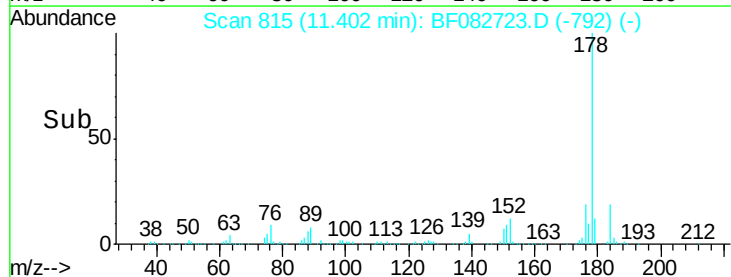
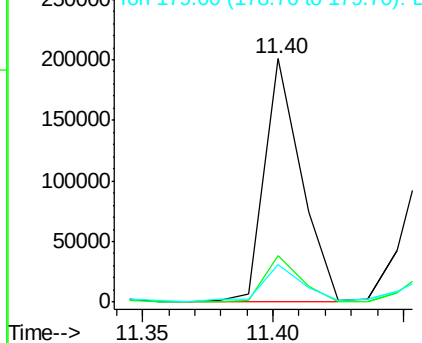


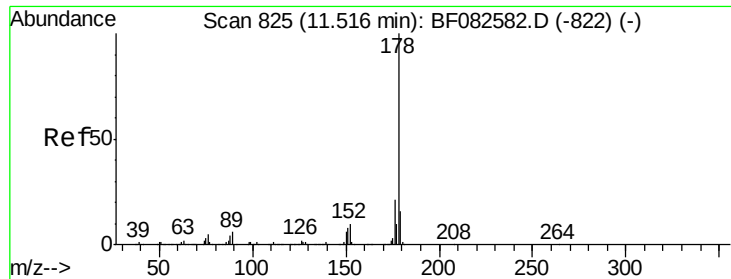
#70
 Phenanthrene
 Concen: 5.12 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

Tgt 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

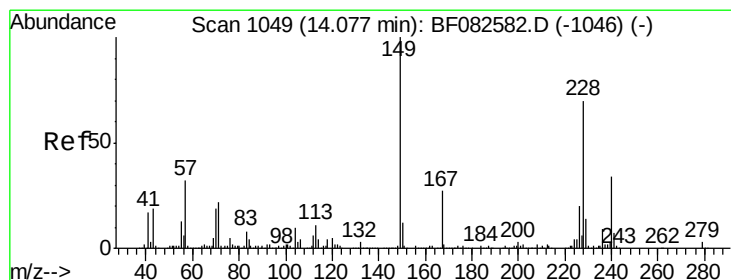
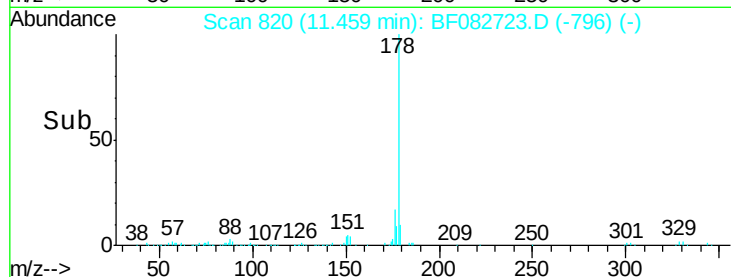
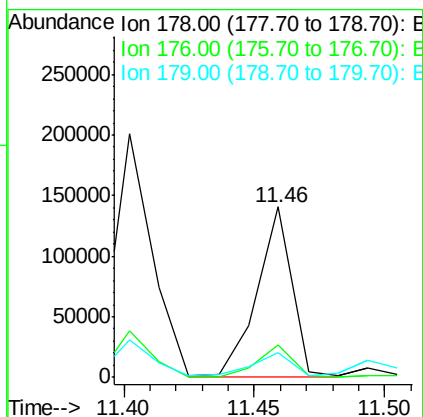
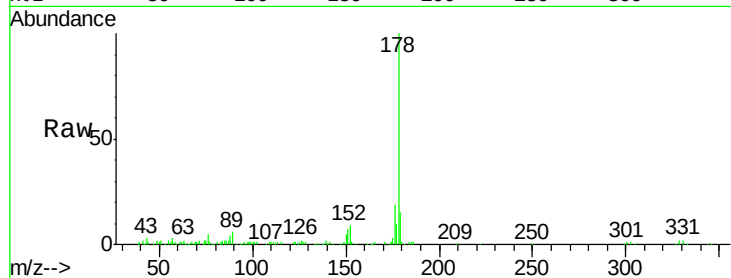




#71
 Anthracene
 Concen: 3.40 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF082723.D
 Acq: 5 Nov 2015 12:12

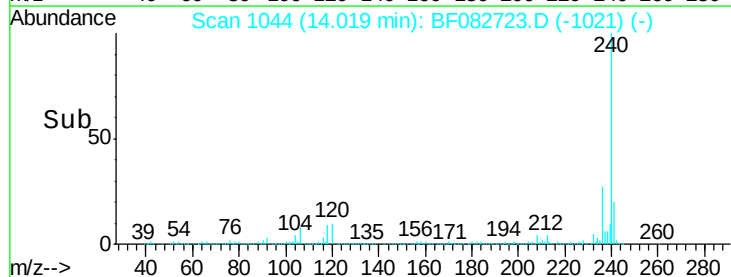
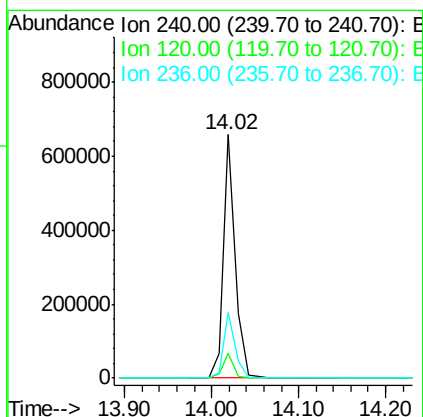
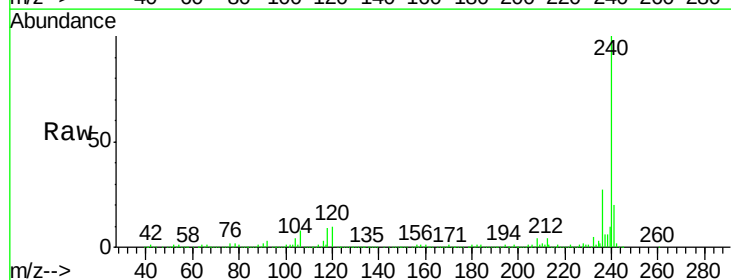
Instrument :
 BNA_F
 ClientSampled :
 SB-11(4-6)

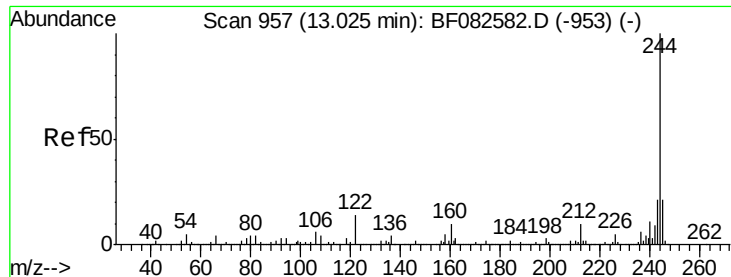
Tgt Ion:178 Resp: 129506
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.5 24.7
 179 14.8 13.2 19.8



#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

Tgt Ion:240 Resp: 627245
 Ion Ratio Lower Upper
 240 100
 120 9.9 10.9 16.3#
 236 26.9 21.6 32.4





#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

Instrument :

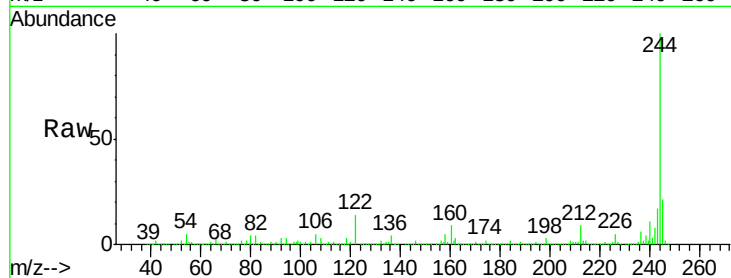
BNA_F

ClientSampleId :

SB-11(4-6)

Tgt Ion:244 Resp: 1452907

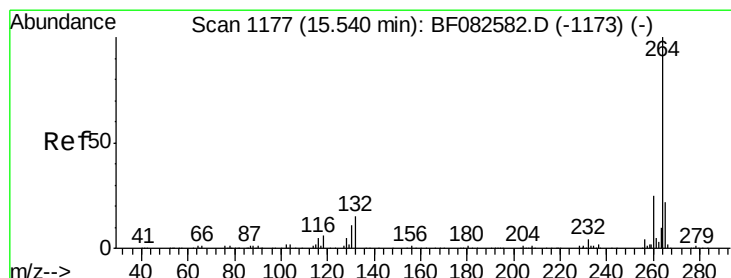
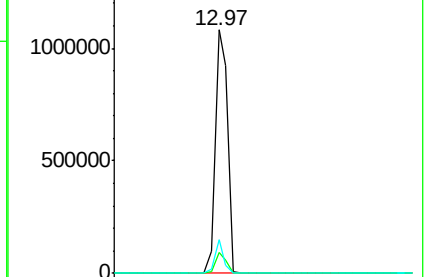
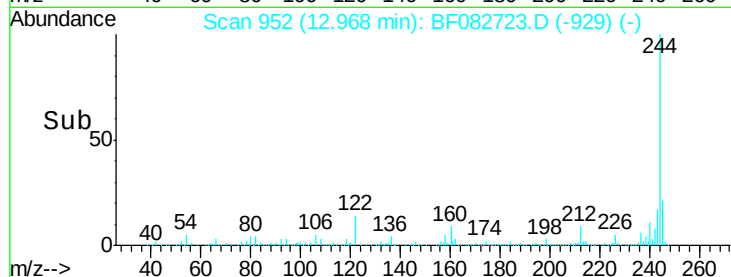
Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.6	11.4
122	13.7	11.3	16.9



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

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 1171

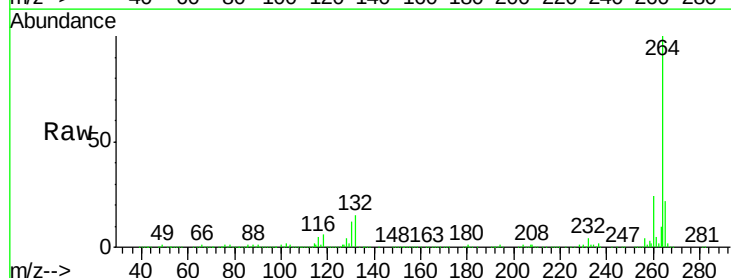
Delta R.T. -0.03 min

Lab File: BF082723.D

Acq: 5 Nov 2015 12:12

Tgt Ion:264 Resp: 533820

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

