

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081100.D
 Acq On : 20 Aug 2015 1:04
 Operator : UM/IZ
 Sample : G3304-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 01:49:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

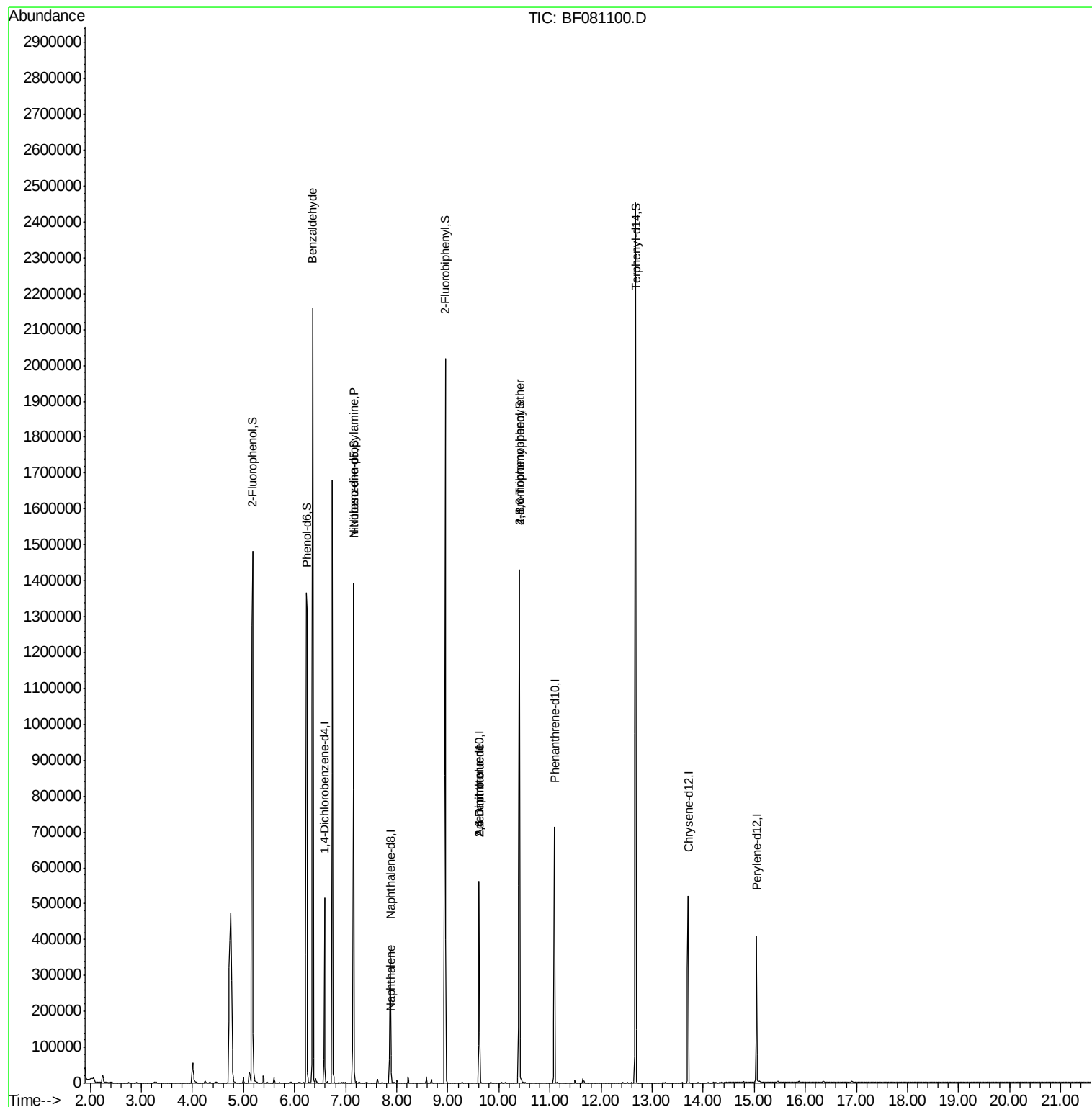
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	66912	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	246523	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	117452	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	256419	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	219526	20.00	ng	-0.04
86) Perylene-d12	15.04	264	161653	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	576860	129.67	ng	0.00
7) Phenol-d6	6.24	99	743959	128.17	ng	-0.02
23) Nitrobenzene-d5	7.16	82	534697	99.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	143689	141.13	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	790776	88.22	ng	-0.04
78) Terphenyl-d14	12.68	244	763914	74.60	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.36	77	15981	4.27	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.16	70	73068	18.17	ng	# 67
31) Naphthalene	7.89	128	37634	2.74	ng	98
50) 2,6-Dinitrotoluene	9.61	165	15000	7.22	ng	# 22
56) 2,4-Dinitrotoluene	9.61	165	15000	5.45	ng	# 17
66) 4-Bromophenyl-phenylether	10.40	248	11381	4.52	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF081100.D

Acq: 20 Aug 2015 1:04

Instrument :

BNA_F

ClientSampleId :

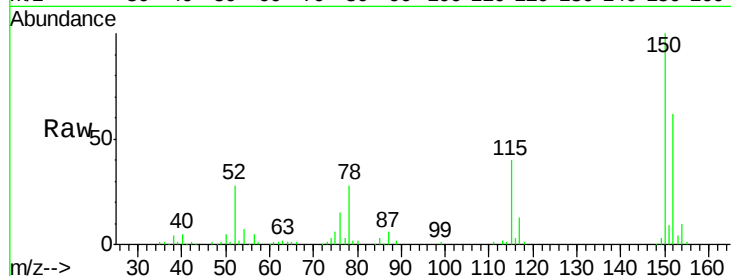
Tot Ion:152 Resp: 66912

Ion Ratio Lower Upper

152 100

150 161.7 123.8 185.6

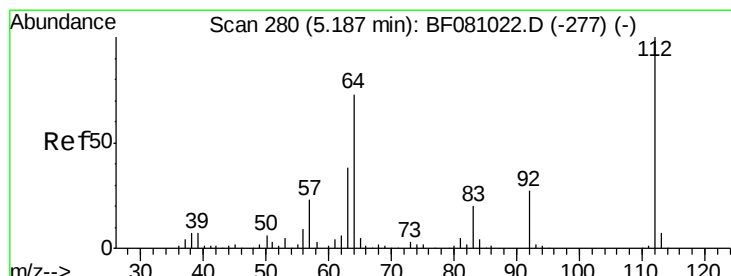
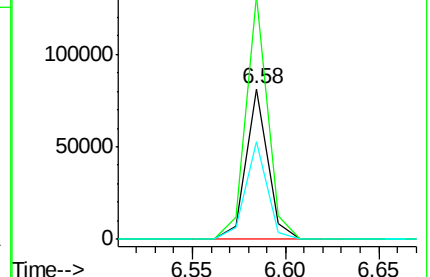
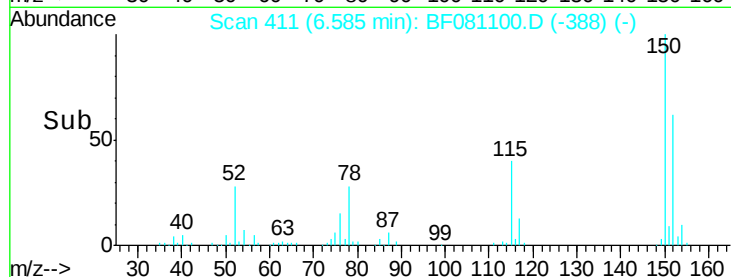
115 65.0 52.1 78.1



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: 129.67 ng

RT: 5.18 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF081100.D

Acq: 20 Aug 2015 1:04

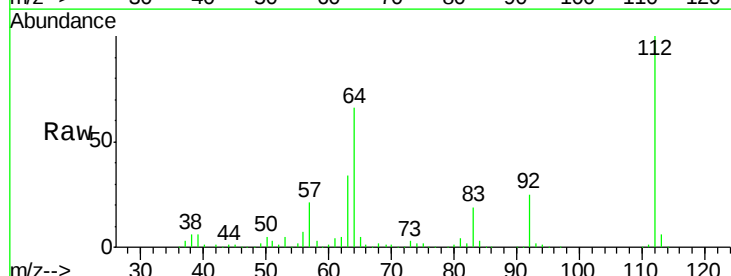
Tgt Ion:112 Resp: 576860

Ion Ratio Lower Upper

112 100

64 65.5 66.9 100.3#

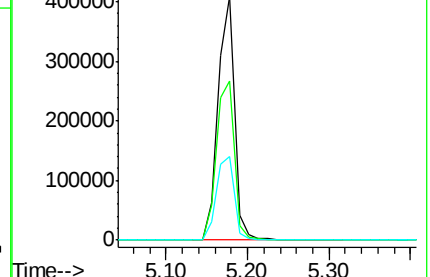
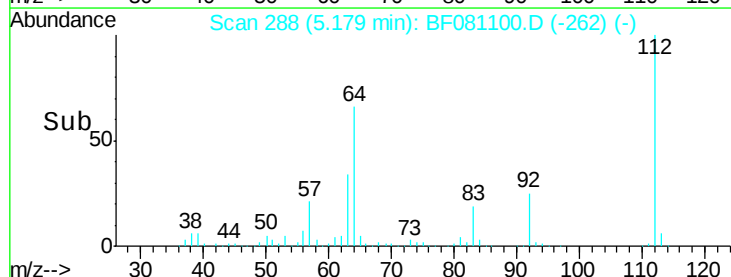
63 34.5 38.1 57.1#

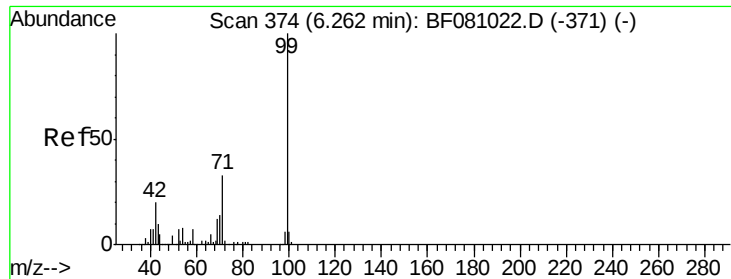


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 128.17 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081100.D

Acq: 20 Aug 2015 1:04

Instrument :

BNA_F

ClientSampleId :

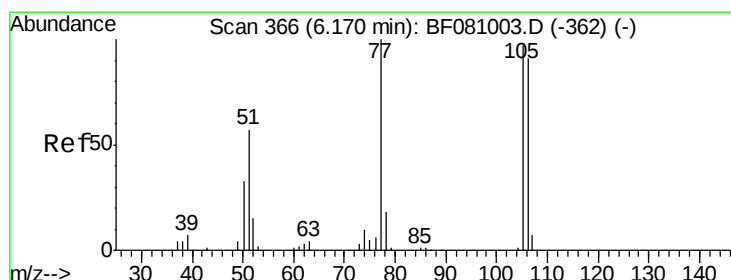
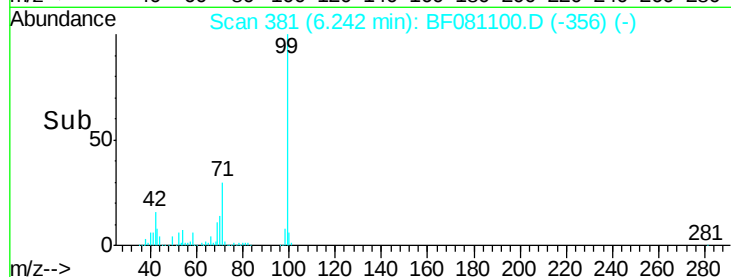
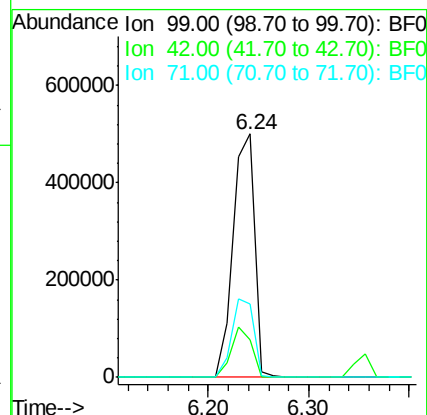
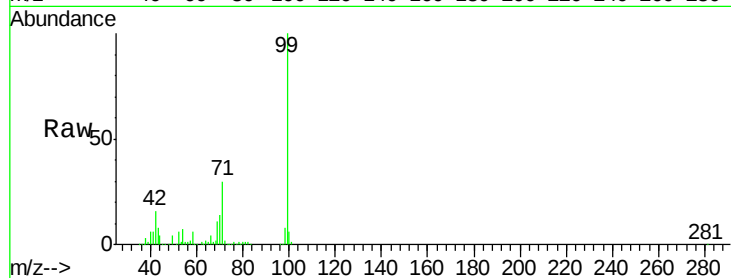
Tot Ion: 99 Resp: 743959

Ion Ratio Lower Upper

99 100

42 15.6 19.6 29.4#

71 30.1 31.2 46.8#



#9

Benzaldehyde

Concen: 4.27 ng

RT: 6.36 min Scan# 391

Delta R.T. 0.20 min

Lab File: BF081100.D

Acq: 20 Aug 2015 1:04

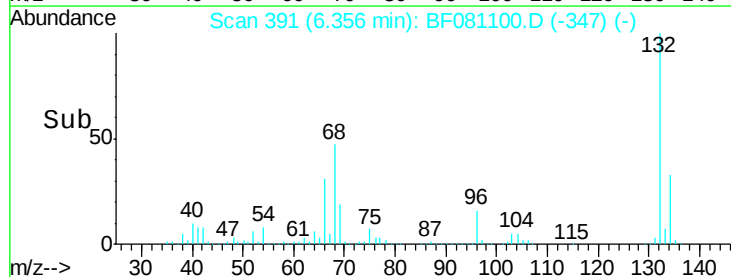
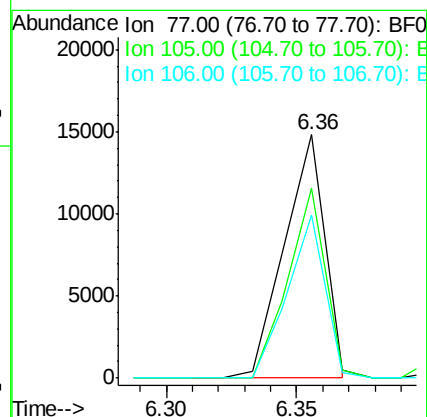
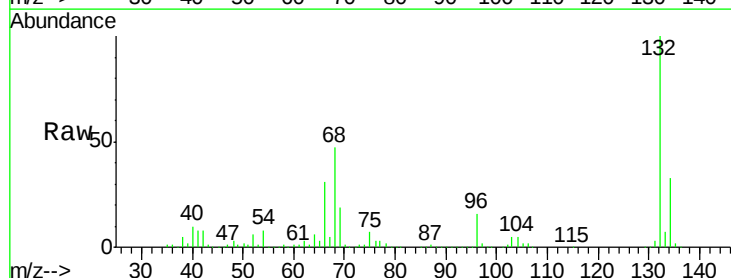
Tgt Ion: 77 Resp: 15981

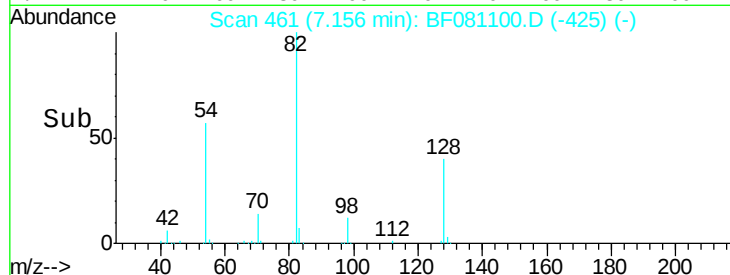
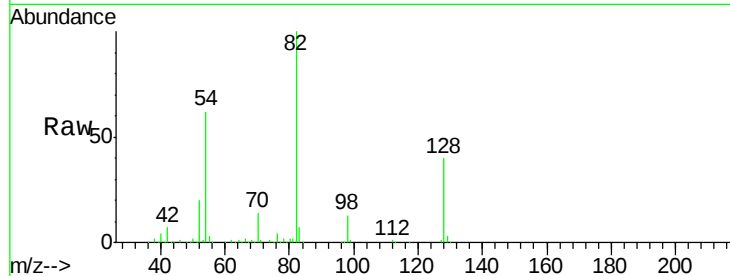
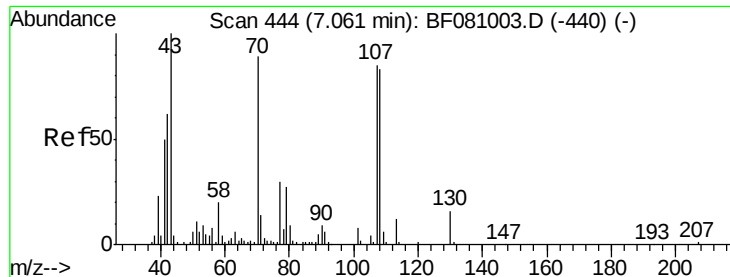
Ion Ratio Lower Upper

77 100

105 78.1 69.6 109.6

106 66.7 64.0 104.0

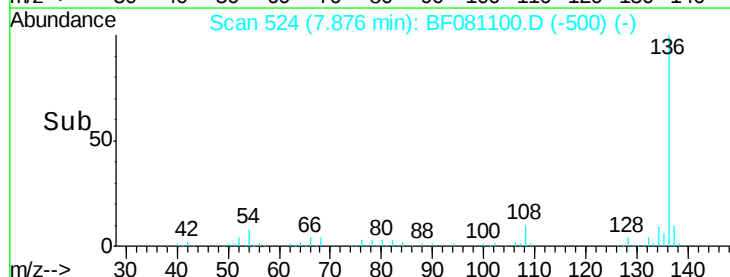
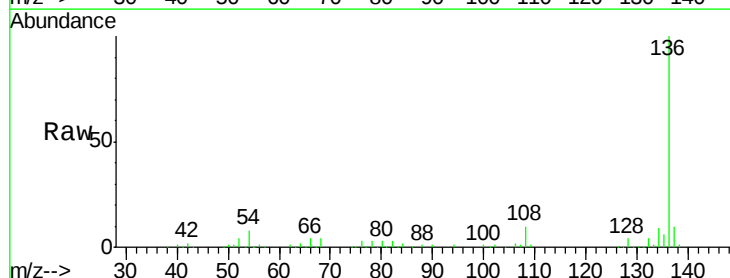
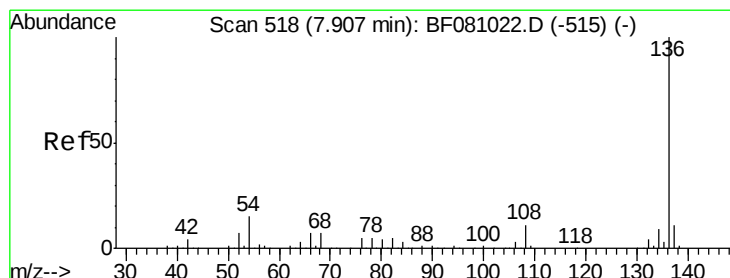
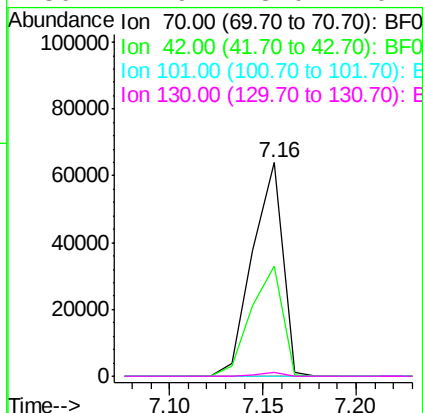




#19
n-Nitroso-di-n-propylamine
Concen: 18.17 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF081100.D
Acq: 20 Aug 2015 1:04

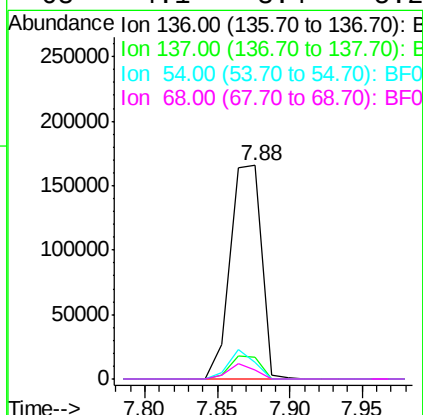
Instrument :
BNA_F
ClientSampled :

Tot Ion	70	Resp	73068
Ion Ratio	Lower	Upper	
70	100		
42	51.7	65.0	97.4#
101	0.0	7.4	11.2#
130	1.9	13.0	19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081100.D
Acq: 20 Aug 2015 1:04

Tgt Ion	136	Resp	246523
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.2	12.2
54	7.7	7.7	11.5
68	4.1	3.4	5.2

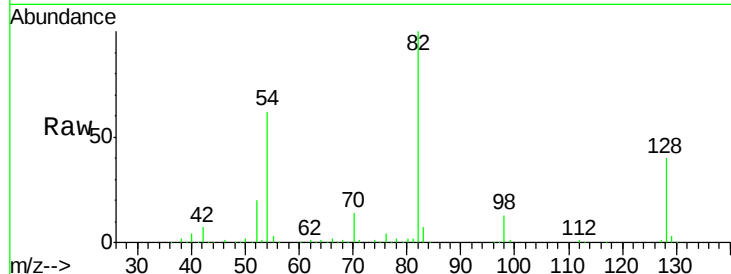




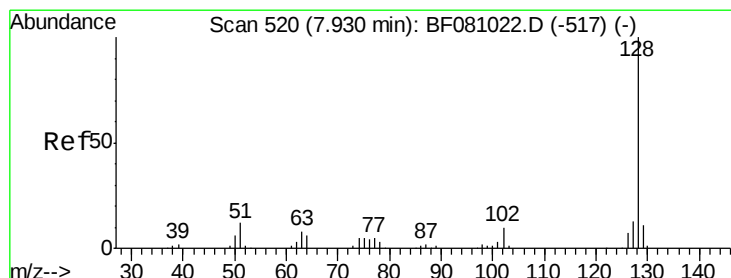
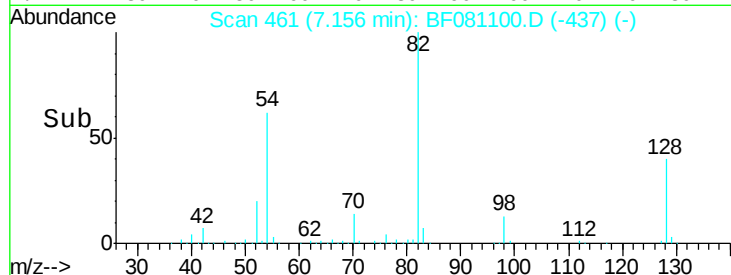
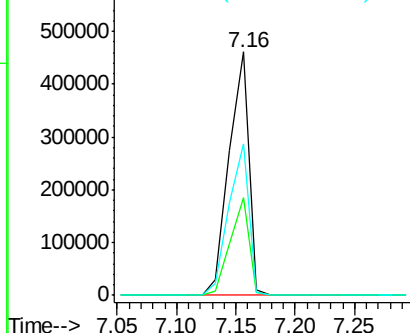
#23
 Nitrobenzene-d5
 Concen: 99.08 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081100.D
 Acq: 20 Aug 2015 1:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	534697
Ion Ratio	Lower	Upper	
82	100		
128	40.2	28.6	42.8
54	62.5	55.1	82.7

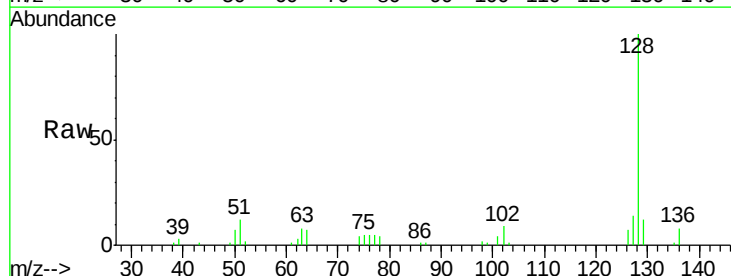


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

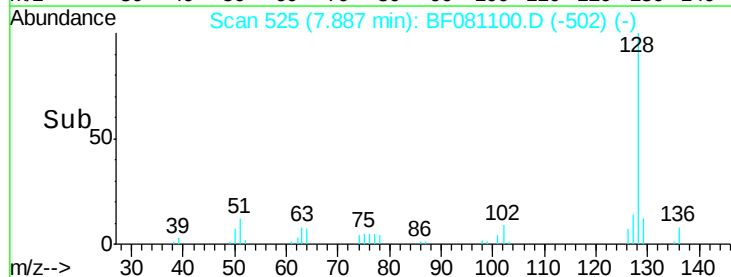
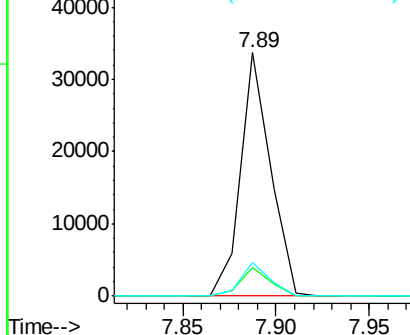


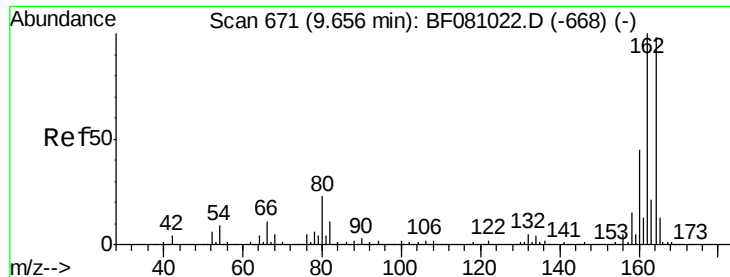
#31
 Naphthalene
 Concen: 2.74 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.04 min
 Lab File: BF081100.D
 Acq: 20 Aug 2015 1:04

Tgt Ion	128	Resp	37634
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.4	12.6
127	14.0	10.6	16.0



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

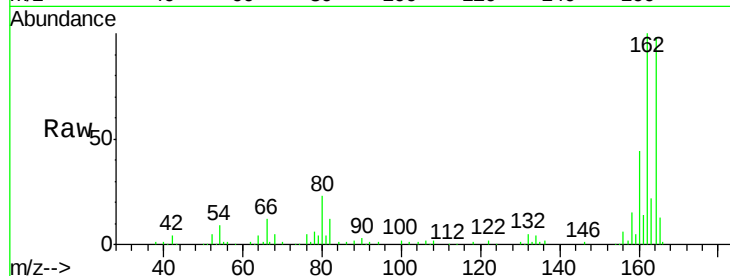




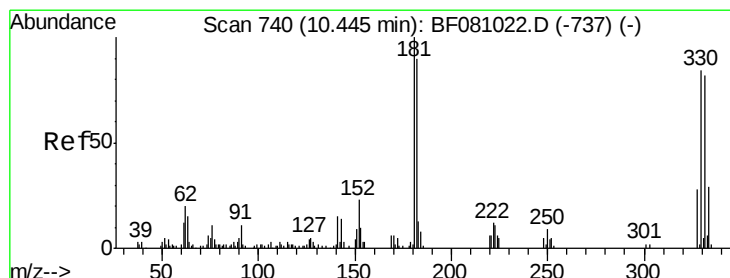
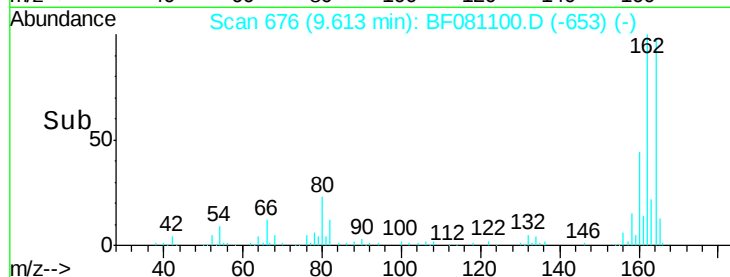
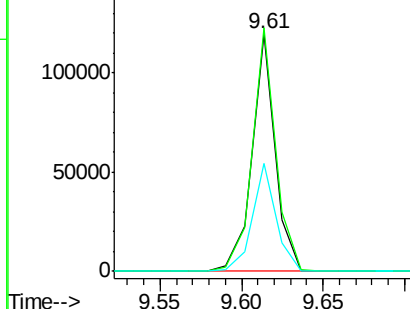
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF081100.D
Acq: 20 Aug 2015 1:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 117452
Ion Ratio Lower Upper
164 100
162 102.5 83.8 125.8
160 45.5 39.8 59.8

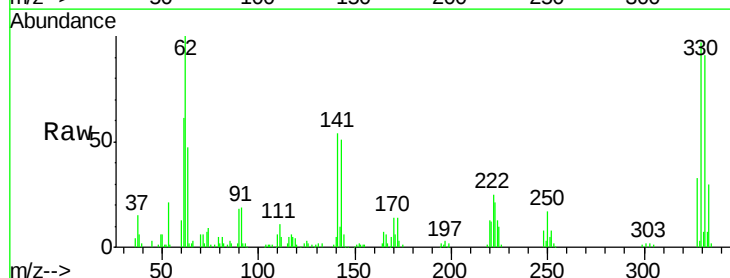


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

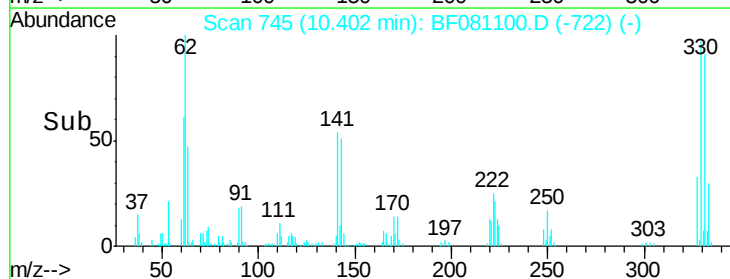
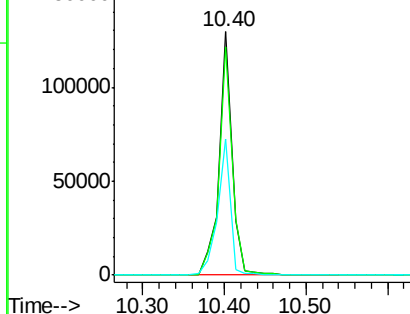


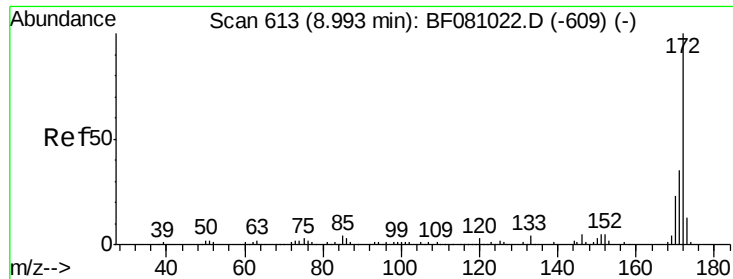
#41
2,4,6-Tribromophenol
Concen: 141.13 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF081100.D
Acq: 20 Aug 2015 1:04

Tgt Ion:330 Resp: 143689
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 54.5 44.9 67.3



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

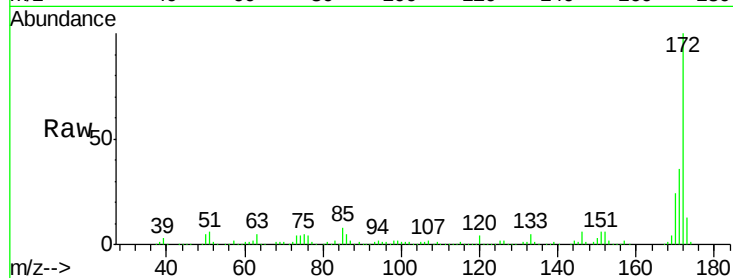




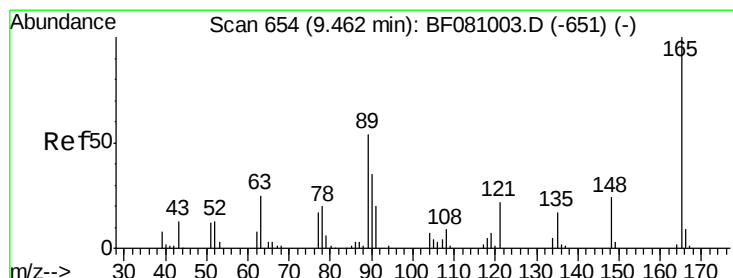
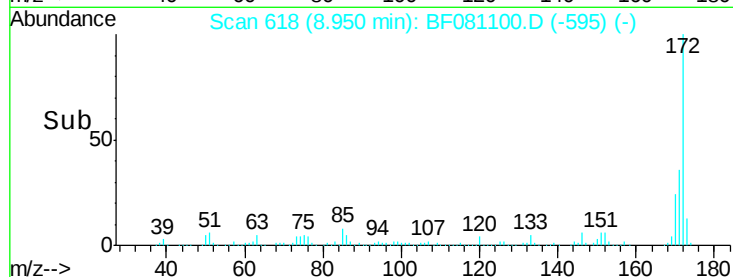
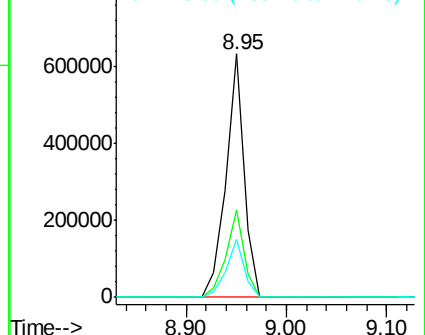
#44
2-Fluorobiphenyl
Concen: 88.22 ng
RT: 8.95 min Scan# 618
Delta R.T. -0.04 min
Lab File: BF081100.D
Acq: 20 Aug 2015 1:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 790776
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 24.0 19.4 29.2

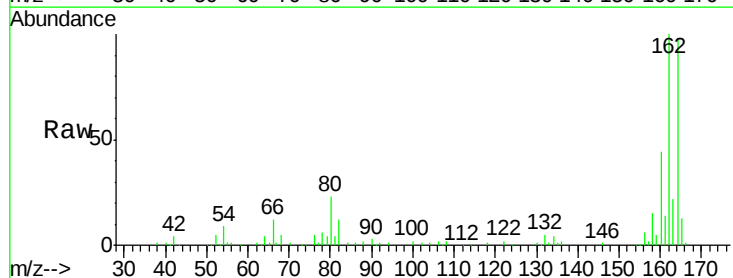


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

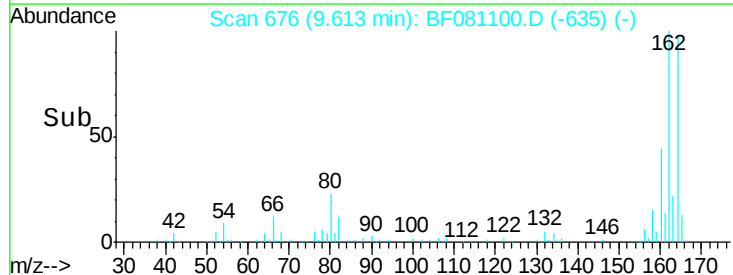
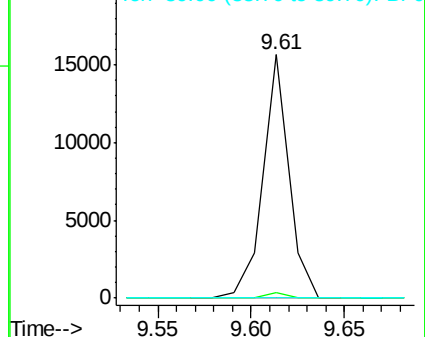


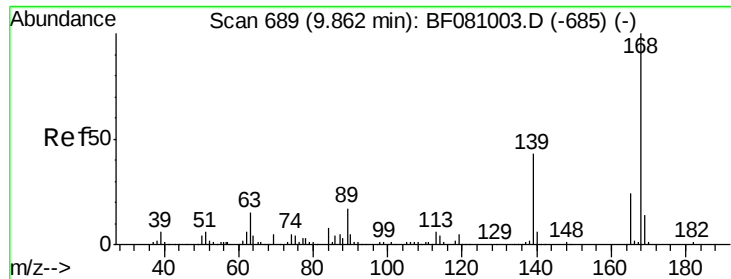
#50
2,6-Dinitrotoluene
Concen: 7.22 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.16 min
Lab File: BF081100.D
Acq: 20 Aug 2015 1:04

Tgt Ion:165 Resp: 15000
Ion Ratio Lower Upper
165 100
63 2.0 49.5 74.3#
89 0.0 47.6 71.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

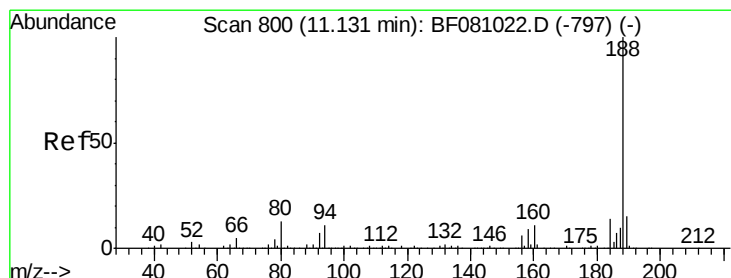
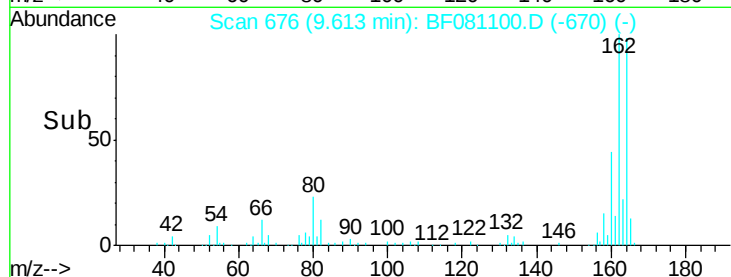
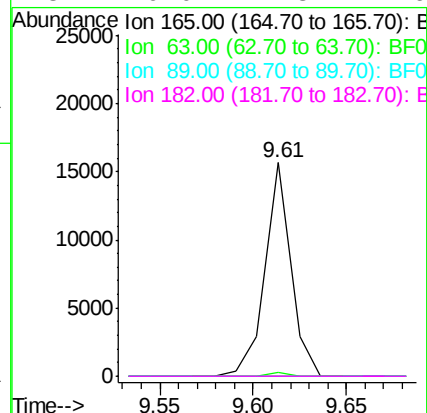
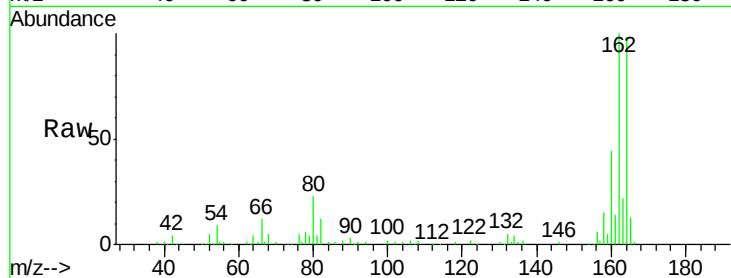




#56
2,4-Dinitrotoluene
Concen: 5.45 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.24 min
Lab File: BF081100.D
Acq: 20 Aug 2015 1:04

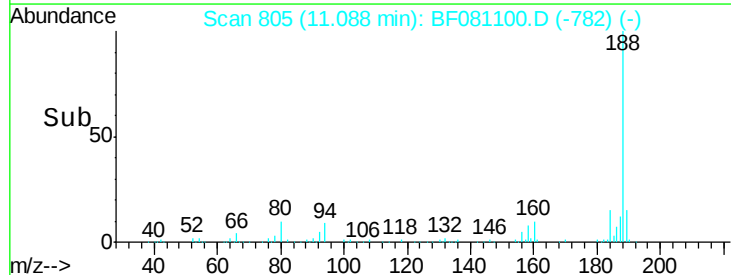
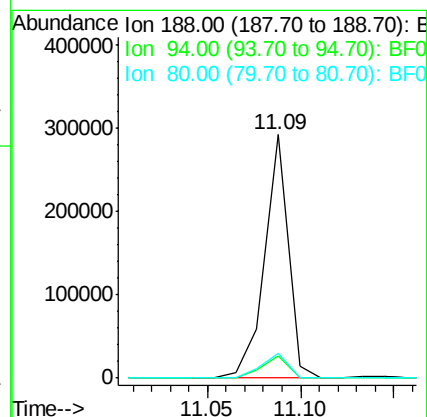
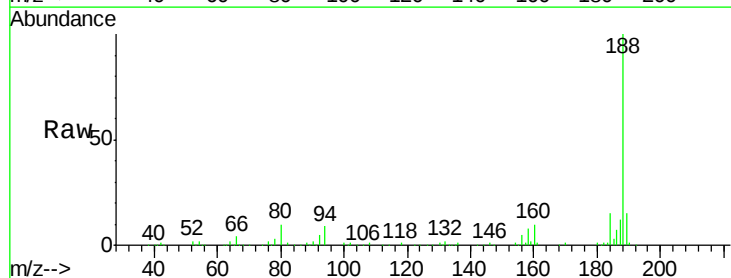
Instrument :
BNA_F
ClientSampleId :

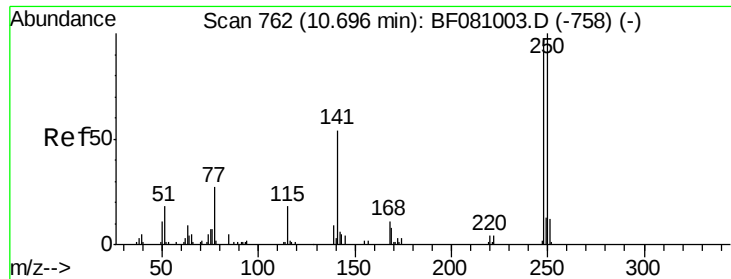
Tot Ion:165 Resp: 15000
Ion Ratio Lower Upper
165 100
63 2.0 52.2 78.4#
89 0.0 60.1 90.1#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081100.D
Acq: 20 Aug 2015 1:04

Tgt Ion:188 Resp: 256419
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 10.0 9.5 14.3





#66

4-Bromophenyl-phenylether

Concen: 4.52 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.28 min

Lab File: BF081100.D

Acq: 20 Aug 2015 1:04

Instrument :

BNA_F

ClientSampleId :

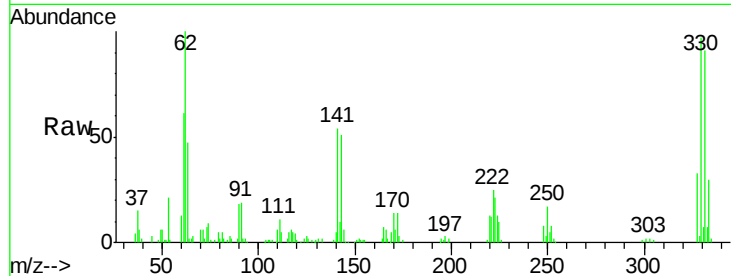
Tot Ion:248 Resp: 11381

Ion Ratio Lower Upper

248 100

250 201.3 77.8 116.6#

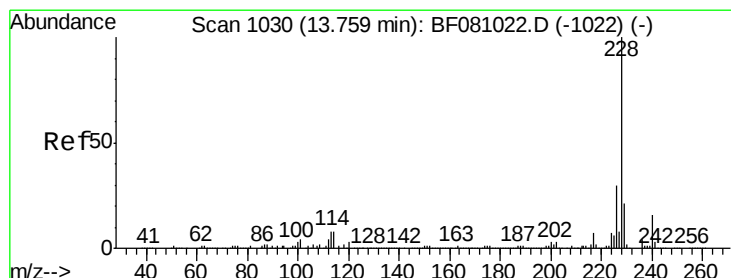
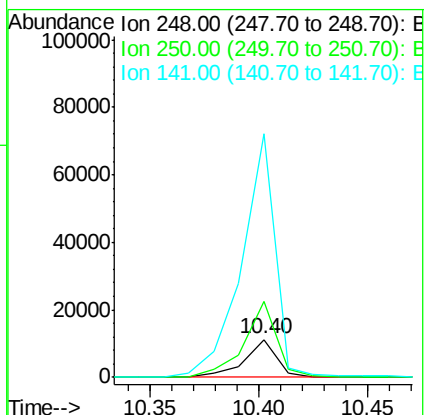
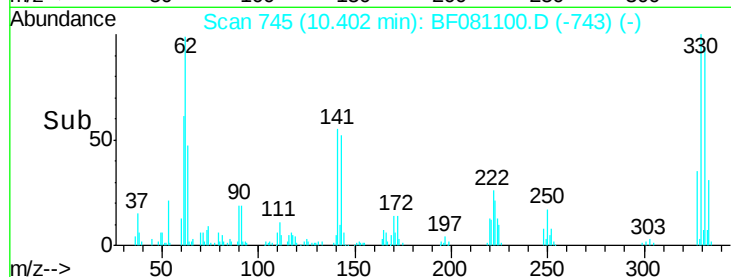
141 648.5 39.8 59.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081100.D

Acq: 20 Aug 2015 1:04

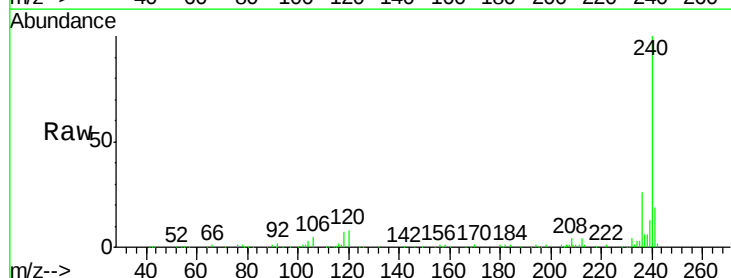
Tgt Ion:240 Resp: 219526

Ion Ratio Lower Upper

240 100

120 8.1 5.6 8.4

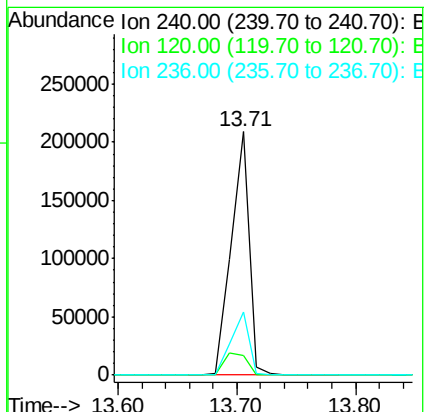
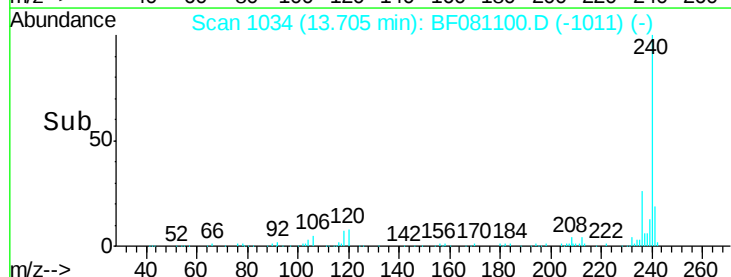
236 26.1 20.6 30.8

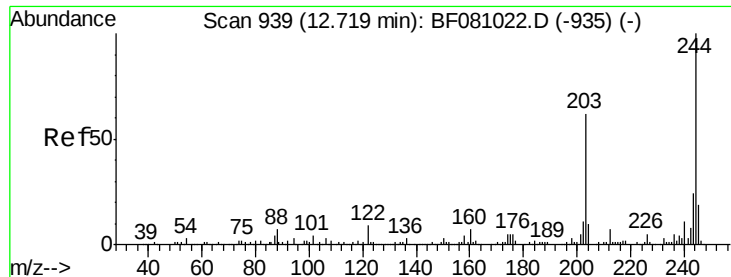


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

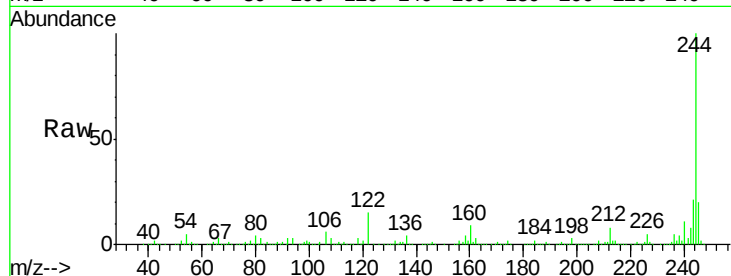




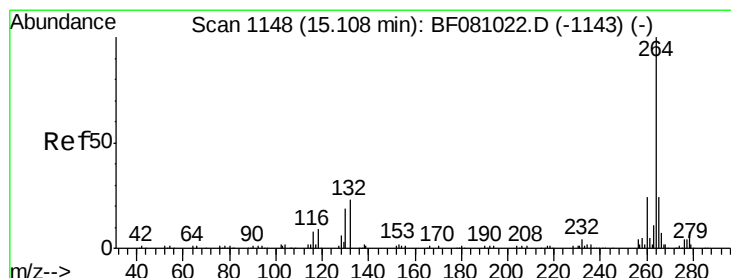
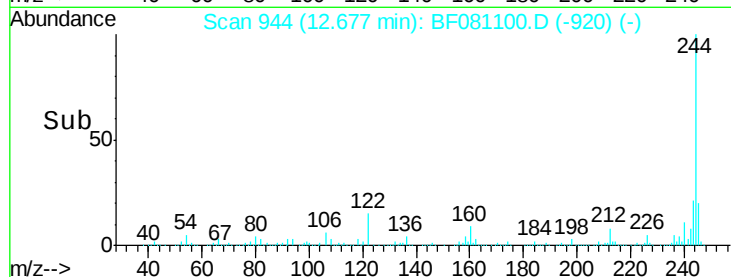
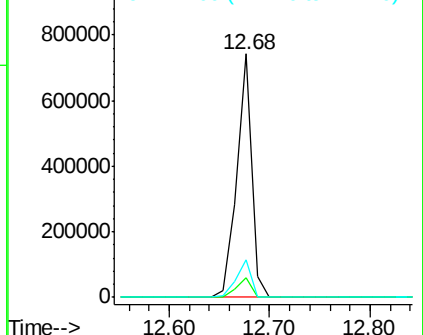
#78
 Terphenyl-d14
 Concen: 74.60 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081100.D
 Acq: 20 Aug 2015 1:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 763914
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.4 8.2 12.4#

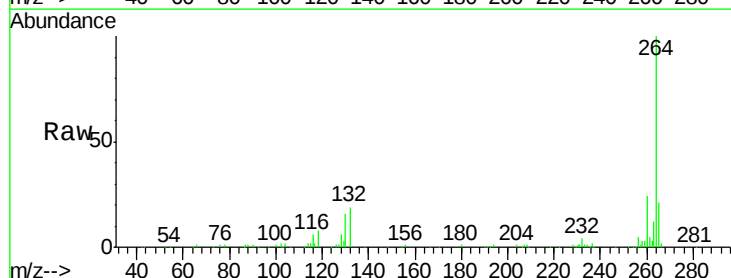


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081100.D
 Acq: 20 Aug 2015 1:04

Tgt Ion:264 Resp: 161653
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 20.8 17.5 26.3



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

