

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081066.D
 Acq On : 19 Aug 2015 4:50
 Operator : UM/IZ
 Sample : G3278-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 06:02:41 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

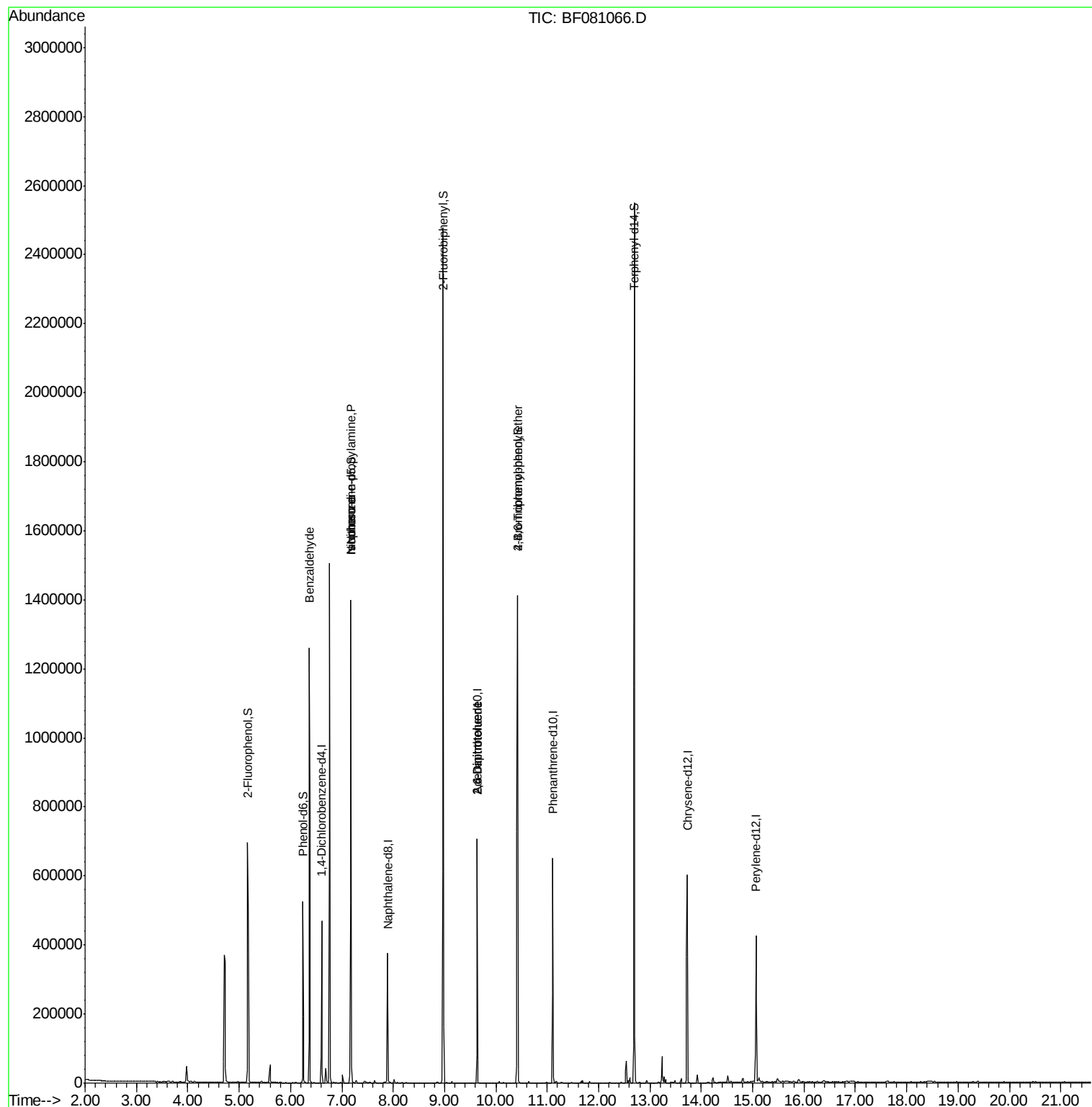
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	61281	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	227413	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	123850	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	254928	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	254737	20.00	ng	-0.02
86) Perylene-d12	15.06	264	190930	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	225418	55.33	ng	-0.02
7) Phenol-d6	6.24	99	175427	33.00	ng	-0.02
23) Nitrobenzene-d5	7.18	82	453838	91.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	138751	129.24	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	707587	74.86	ng	-0.02
78) Terphenyl-d14	12.70	244	823727	69.32	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.36	77	9872	2.88	ng	# 75
19) n-Nitroso-di-n-propylamine	7.18	70	62591	17.00	ng	# 69
25) Isophorone	7.18	82	330753	35.63	ng	# 71
50) 2,6-Dinitrotoluene	9.63	165	15592	7.12	ng	# 23
56) 2,4-Dinitrotoluene	9.63	165	15592	5.37	ng	# 18
66) 4-Bromophenyl-phenylether	10.42	248	11564	4.62	ng	# 1

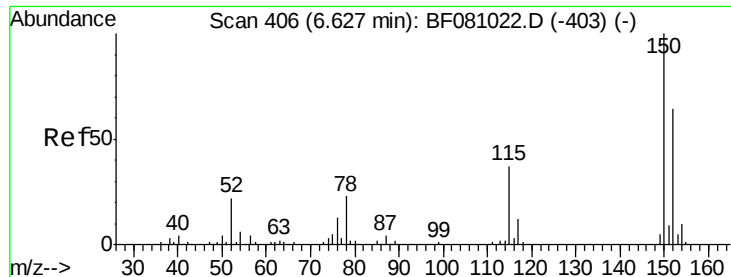
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

Instrument :

BNA_F

ClientSampleId :

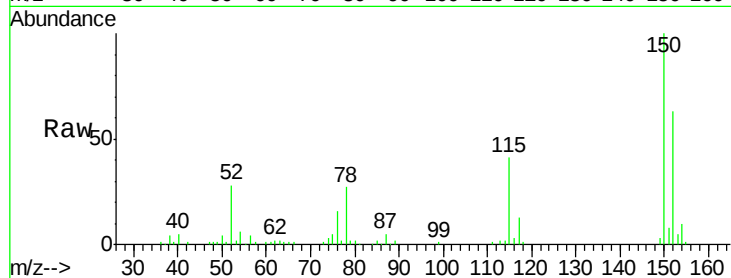
Tot Ion:152 Resp: 61281

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

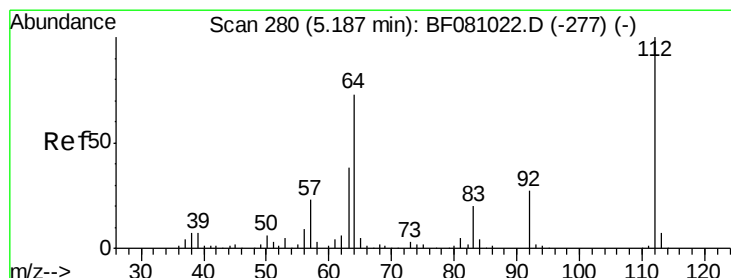
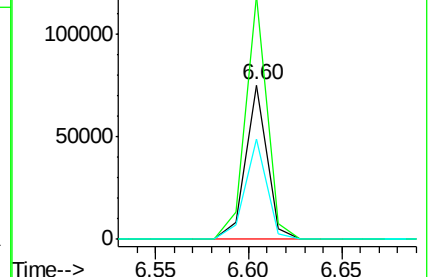
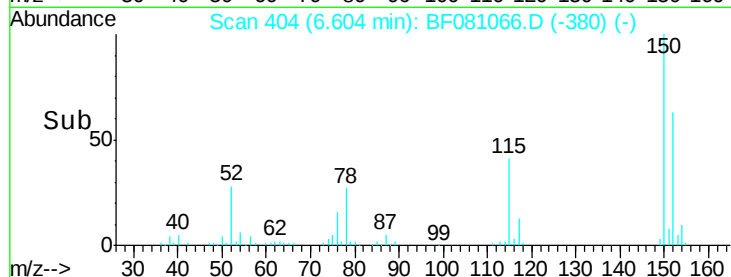
115 64.7 52.1 78.1



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: 55.33 ng

RT: 5.16 min Scan# 278

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

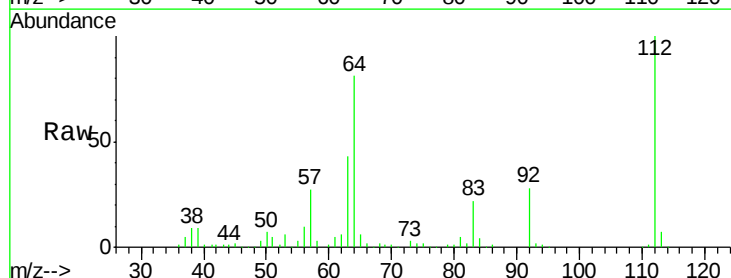
Tgt Ion:112 Resp: 225418

Ion Ratio Lower Upper

112 100

64 81.5 66.9 100.3

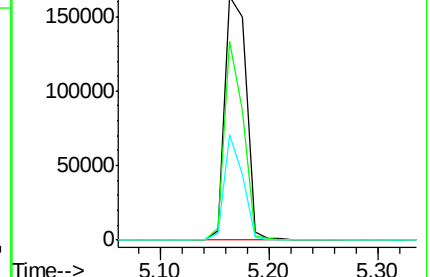
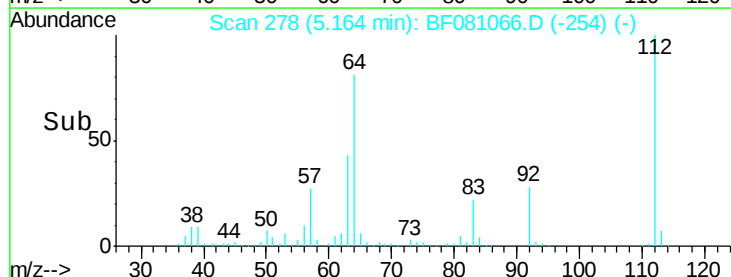
63 43.2 38.1 57.1

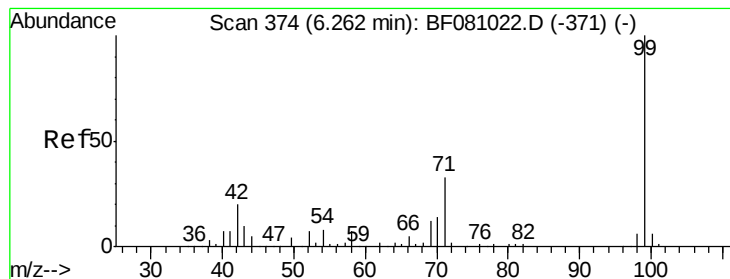


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.00 ng

RT: 6.24 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

Instrument :

BNA_F

ClientSampleId :

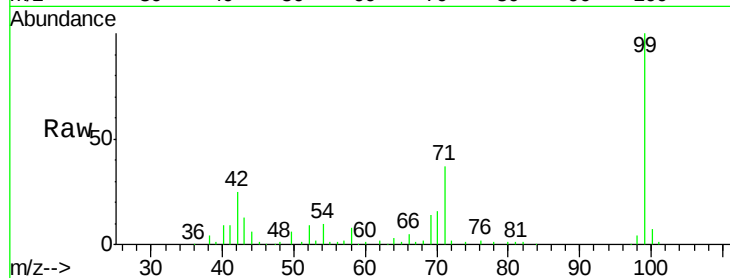
Tot Ion: 99 Resp: 175427

Ion Ratio Lower Upper

99 100

42 25.5 19.6 29.4

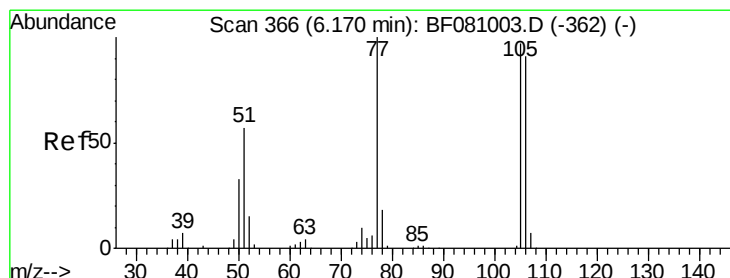
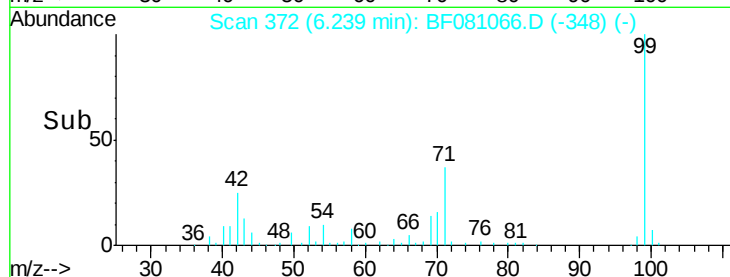
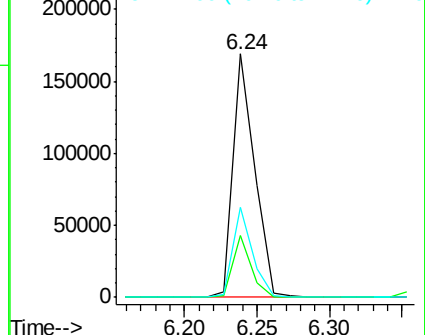
71 36.8 31.2 46.8



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



#9

Benzaldehyde

Concen: 2.88 ng

RT: 6.36 min Scan# 383

Delta R.T. 0.21 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

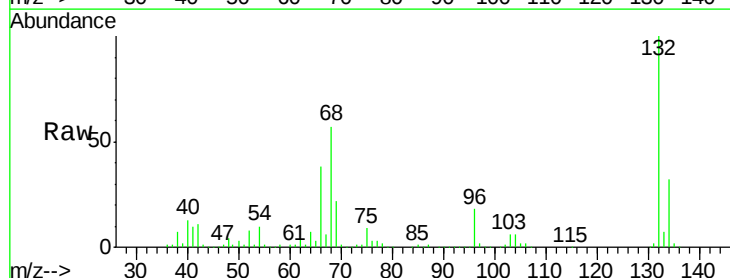
Tgt Ion: 77 Resp: 9872

Ion Ratio Lower Upper

77 100

105 68.1 69.6 109.6#

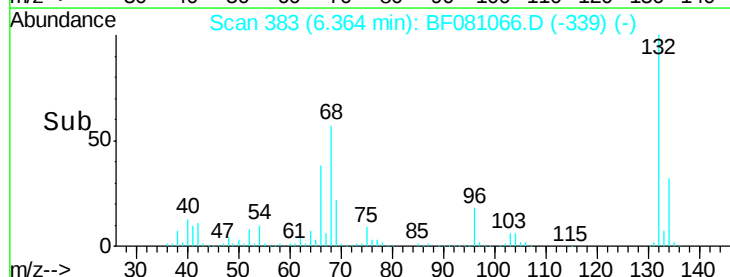
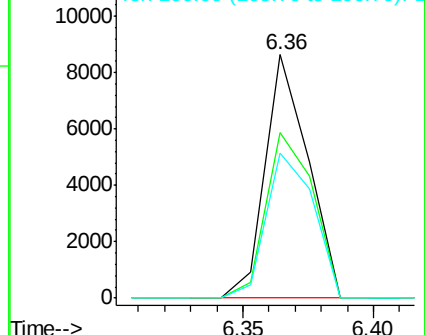
106 59.4 64.0 104.0#

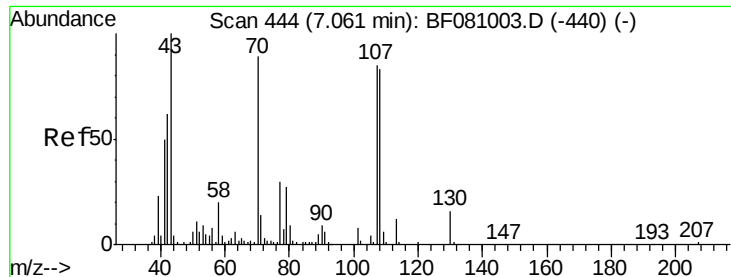


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

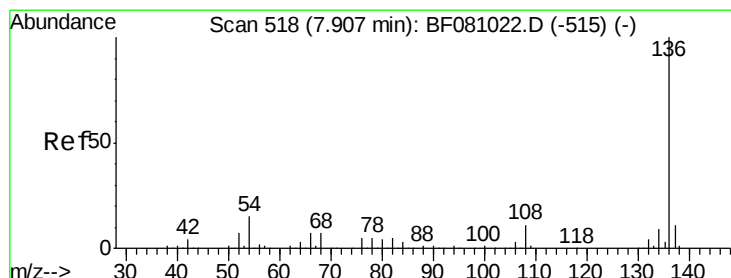
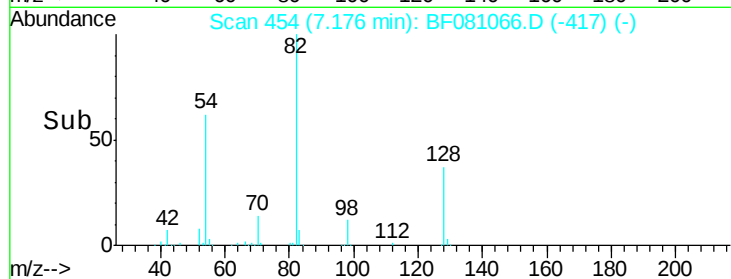
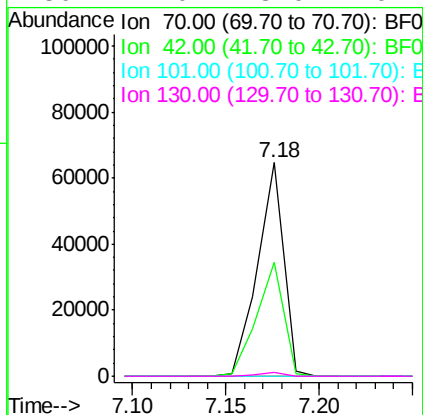
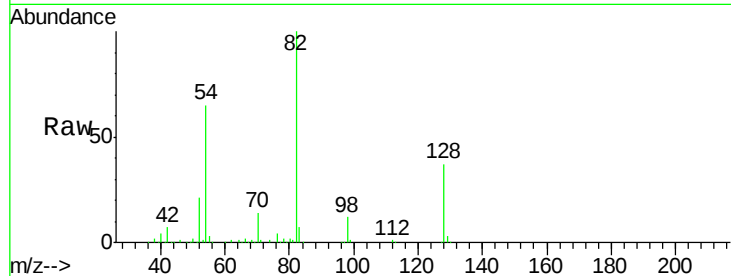




#19
n-Nitroso-di-n-propylamine
Concen: 17.00 ng
RT: 7.18 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF081066.D
Acq: 19 Aug 2015 4:50

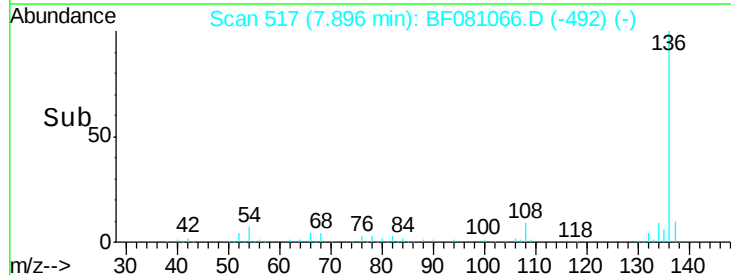
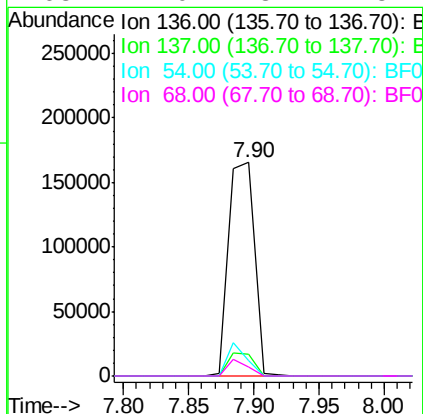
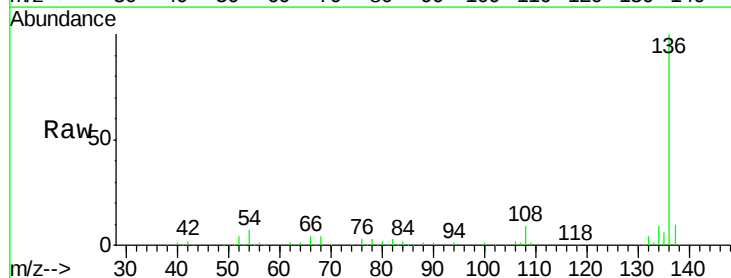
Instrument :
BNA_F
ClientSampleId :

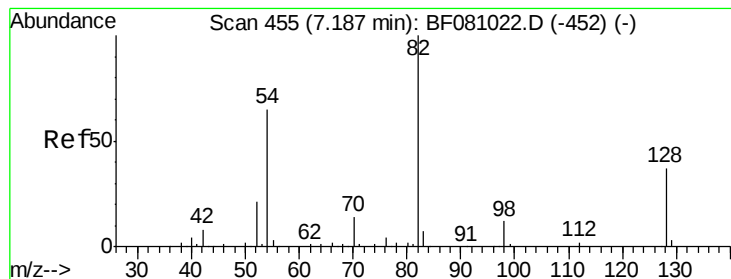
Tot Ion: 70 Resp: 62591
Ion Ratio Lower Upper
70 100
42 53.2 65.0 97.4#
101 0.0 7.4 11.2#
130 2.0 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081066.D
Acq: 19 Aug 2015 4:50

Tgt Ion: 136 Resp: 227413
Ion Ratio Lower Upper
136 100
137 10.1 8.2 12.2
54 7.2 7.7 11.5#
68 4.0 3.4 5.2





#23

Nitrobenzene-d5

Concen: 91.16 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

Instrument :

BNA_F

ClientSampleId :

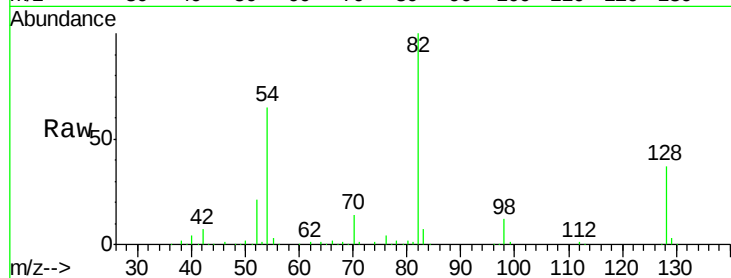
Tot Ion: 82 Resp: 453838

Ion Ratio Lower Upper

82 100

128 37.1 28.6 42.8

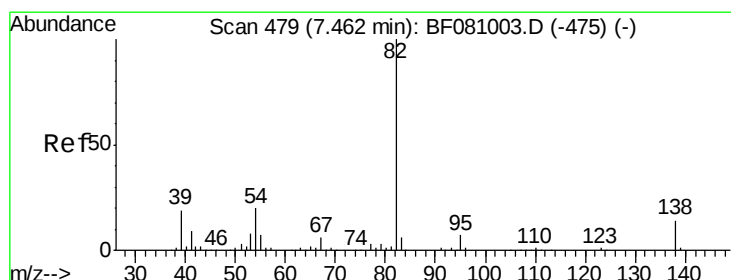
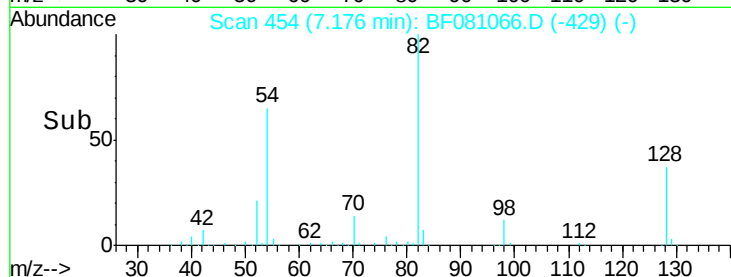
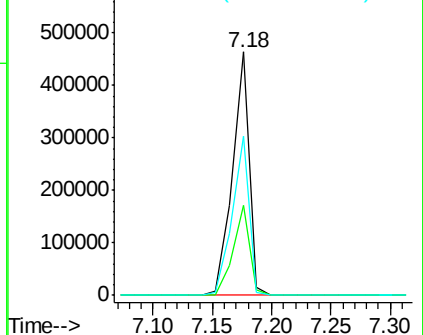
54 65.4 55.1 82.7



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



#25

Isophorone

Concen: 35.63 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.27 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

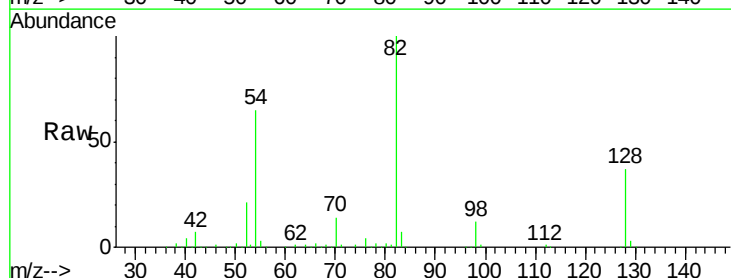
Tgt Ion: 82 Resp: 330753

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

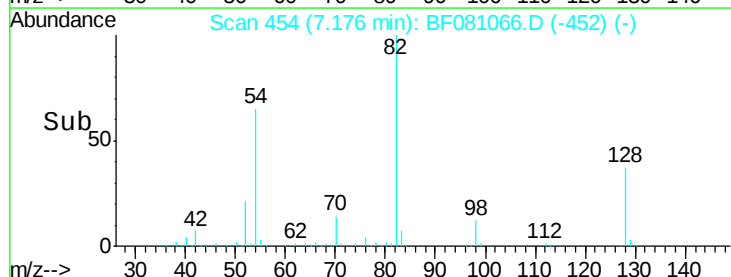
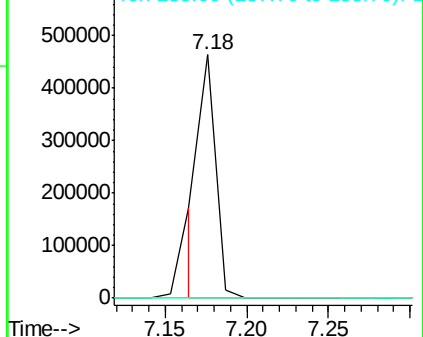
138 0.0 10.5 15.7#

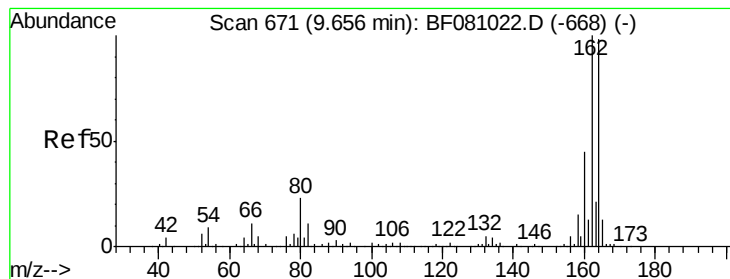


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

Instrument :

BNA_F

ClientSampleId :

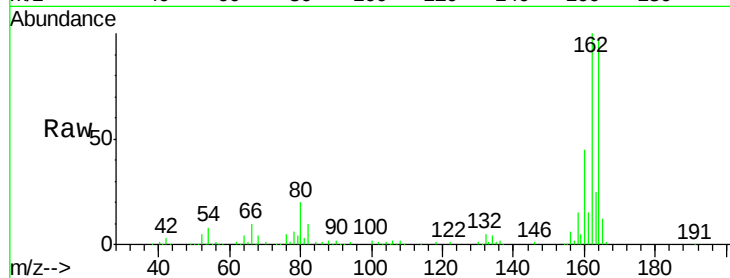
Tot Ion:164 Resp: 123850

Ion Ratio Lower Upper

164 100

162 102.7 83.8 125.8

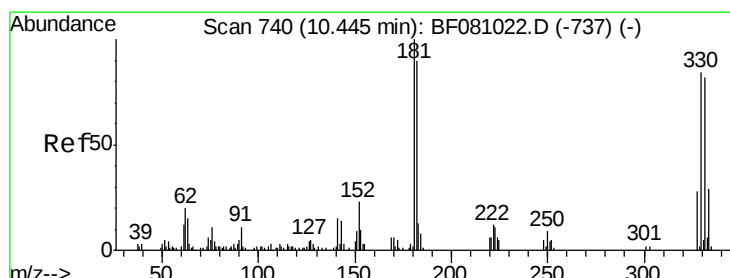
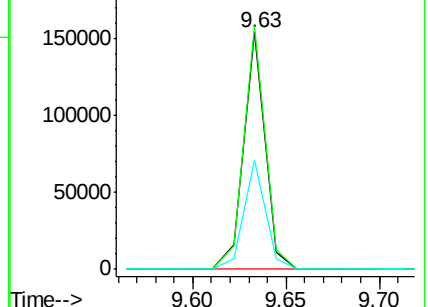
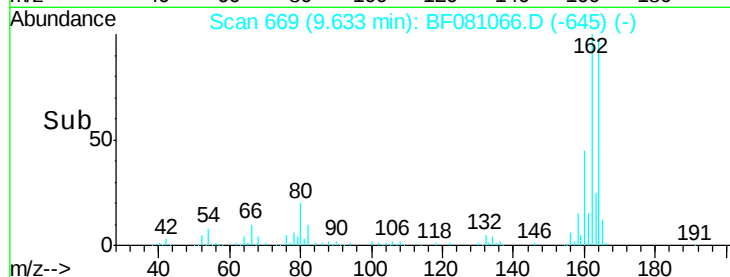
160 46.3 39.8 59.8



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: 129.24 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

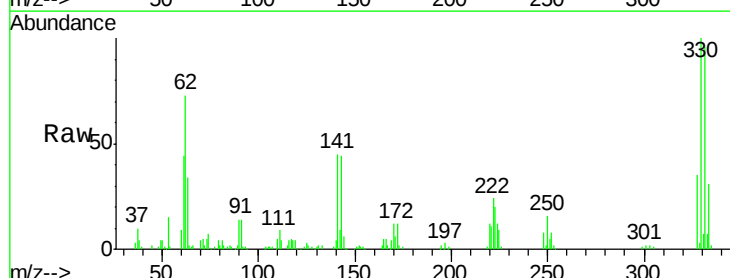
Tgt Ion:330 Resp: 138751

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

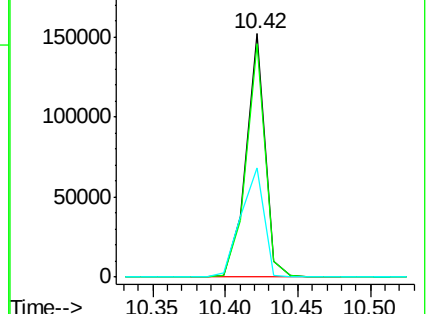
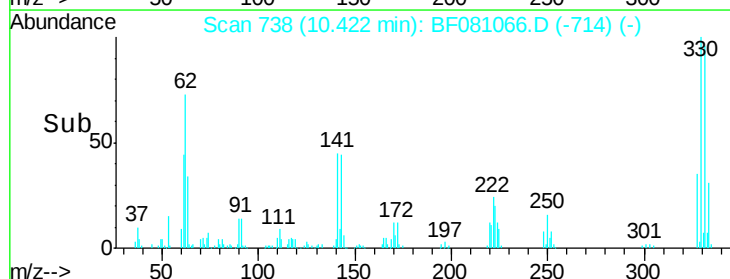
141 54.3 44.9 67.3

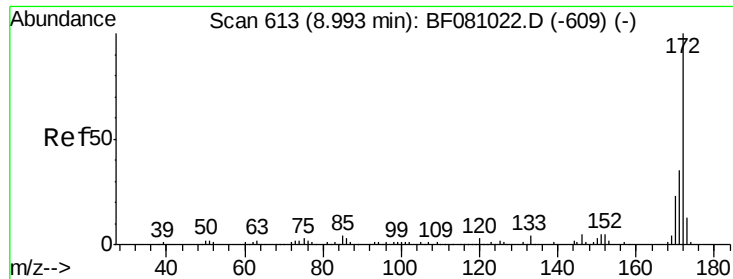


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

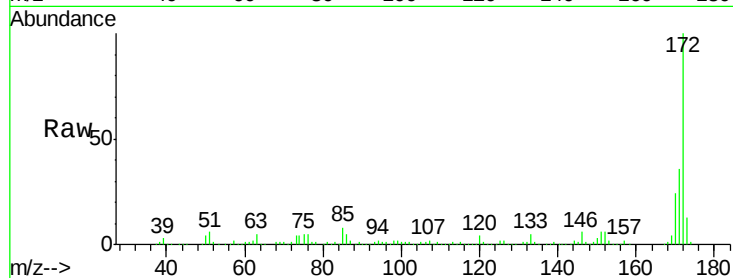




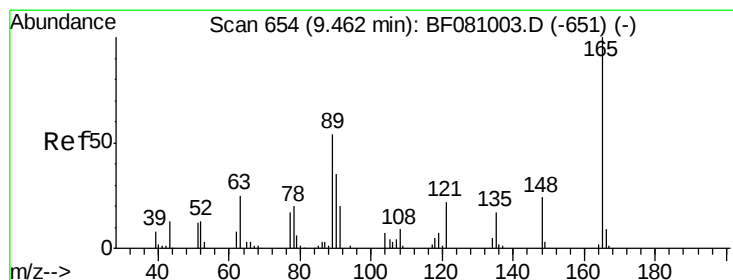
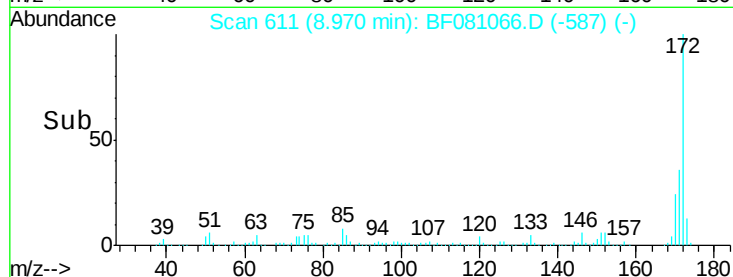
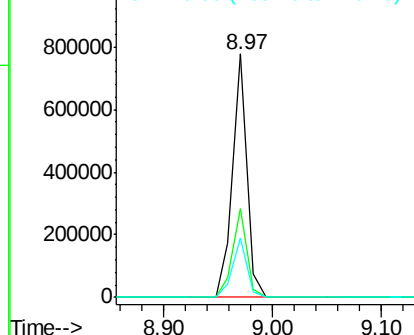
#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081066.D
 Acq: 19 Aug 2015 4:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.5	19.4	29.2

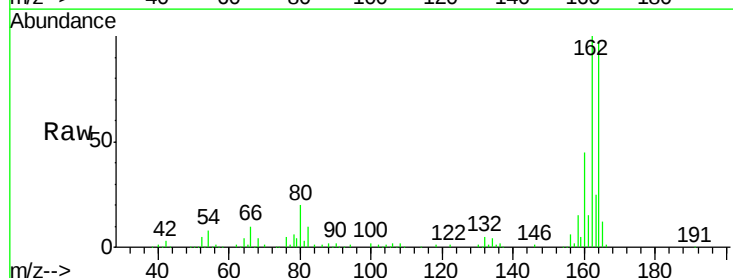


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

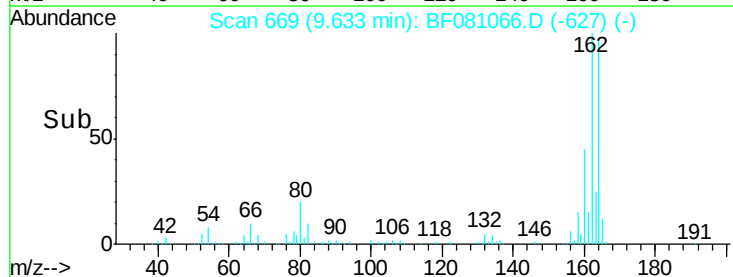
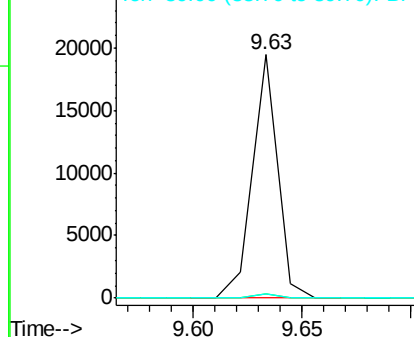


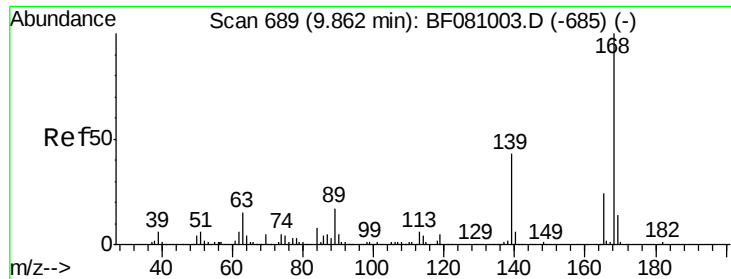
#50
 2,6-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.63 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF081066.D
 Acq: 19 Aug 2015 4:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	49.5	74.3#
89	1.8	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

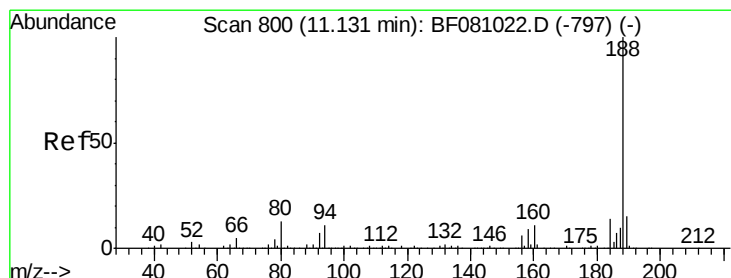
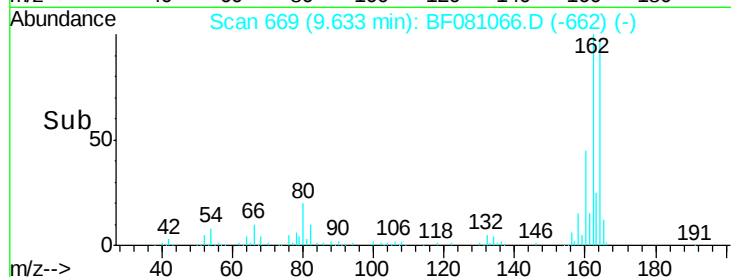
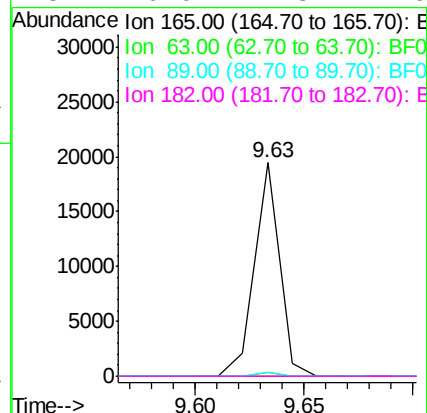
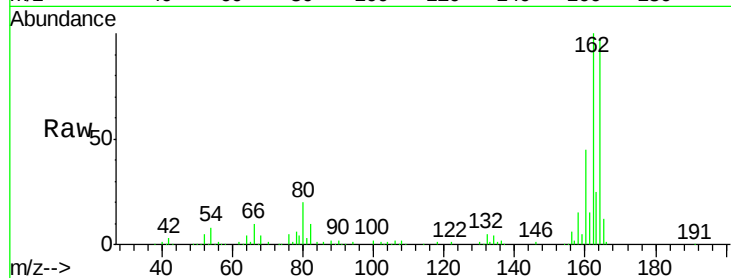




#56
2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.22 min
Lab File: BF081066.D
Acq: 19 Aug 2015 4:50

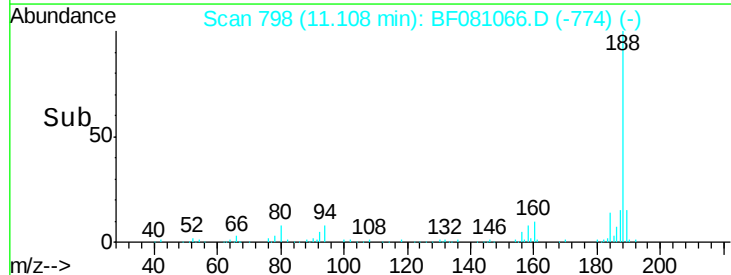
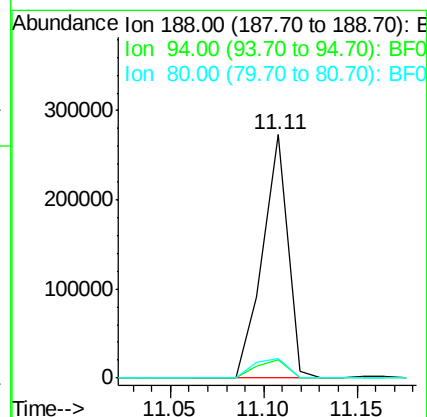
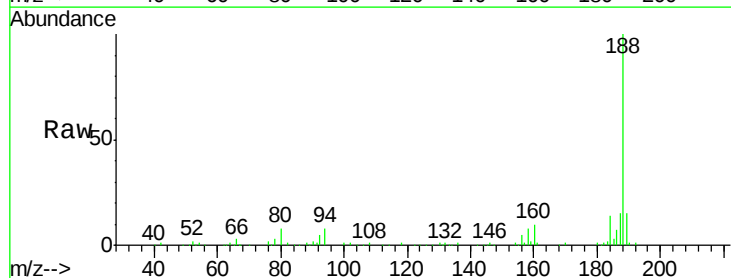
Instrument :
BNA_F
ClientSampleId :

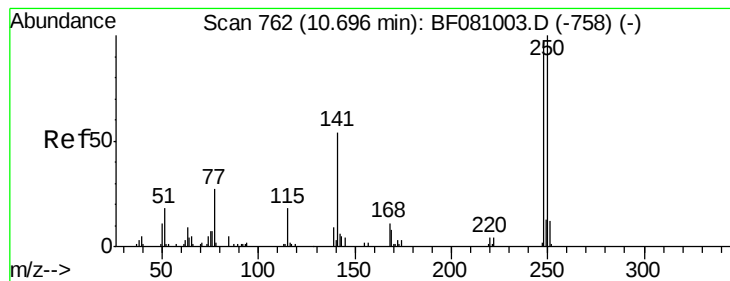
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.2	78.4#
89	1.8	60.1	90.1#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081066.D
Acq: 19 Aug 2015 4:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	8.2	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 4.62 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

Instrument :

BNA_F

ClientSampled :

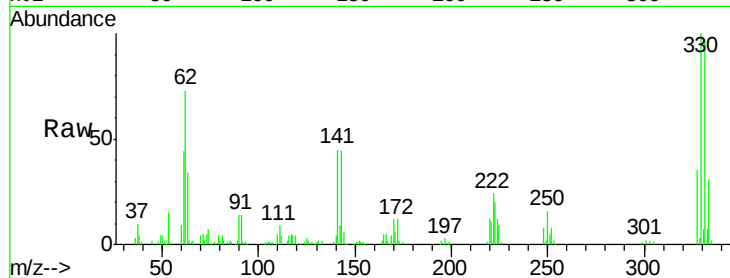
Tot Ion:248 Resp: 11564

Ion Ratio Lower Upper

248 100

250 193.0 77.8 116.6#

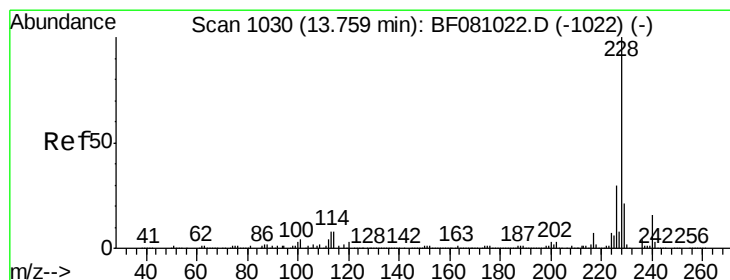
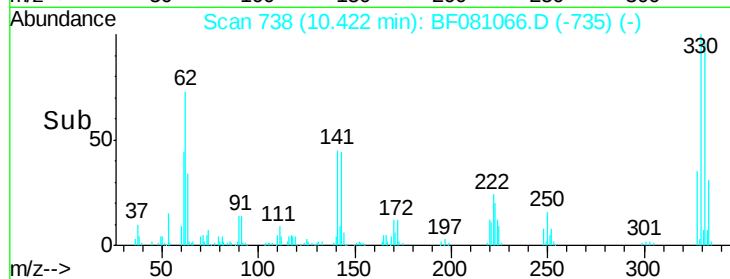
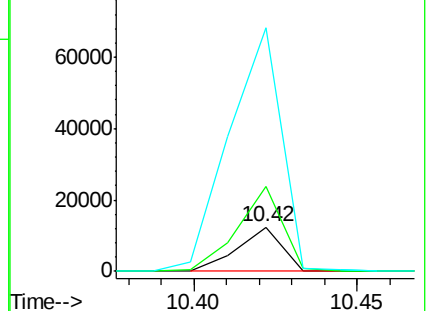
141 551.0 39.8 59.6#



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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081066.D

Acq: 19 Aug 2015 4:50

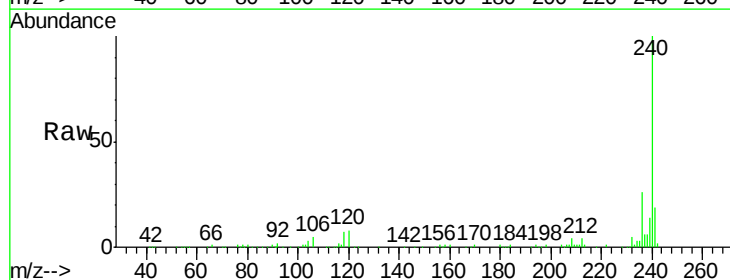
Tgt Ion:240 Resp: 254737

Ion Ratio Lower Upper

240 100

120 8.1 5.6 8.4

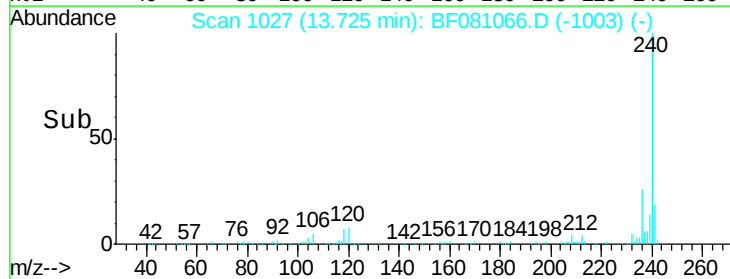
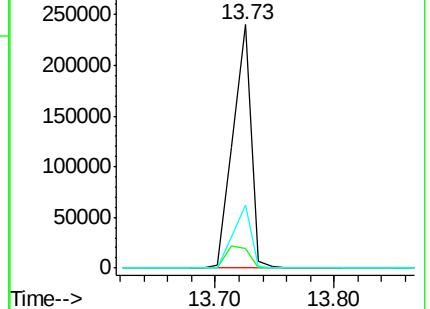
236 25.7 20.6 30.8

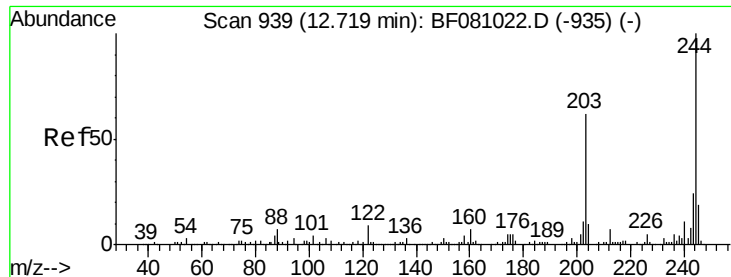


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

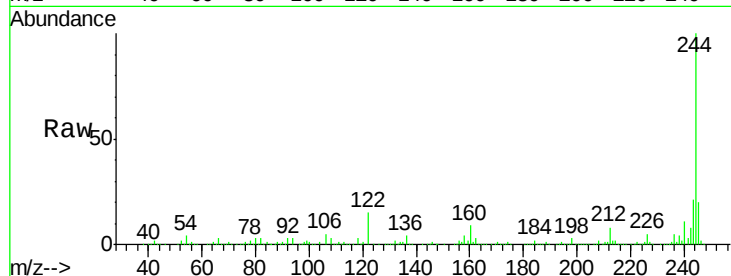




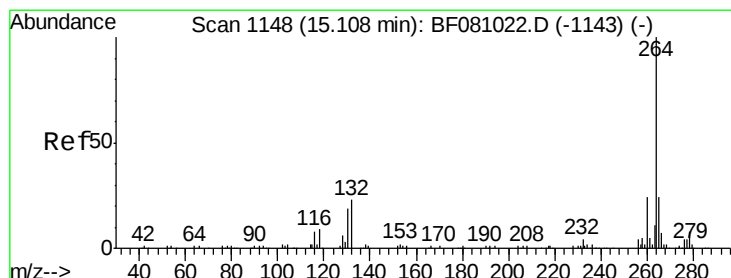
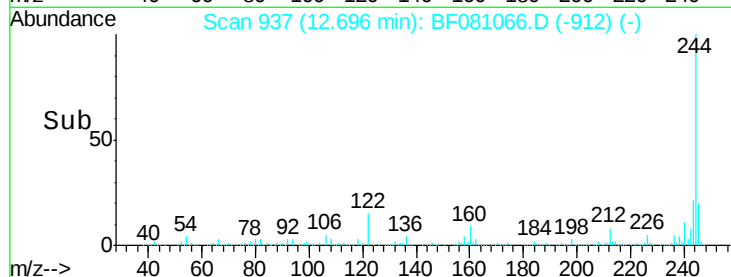
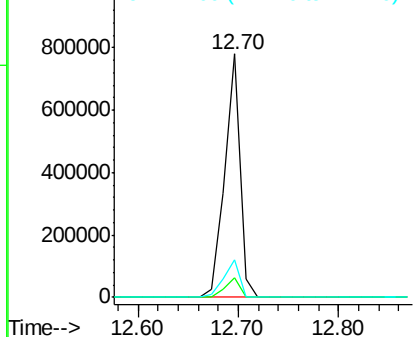
#78
 Terphenyl-d14
 Concen: 69.32 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081066.D
 Acq: 19 Aug 2015 4:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 823727
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.3 8.2 12.4#

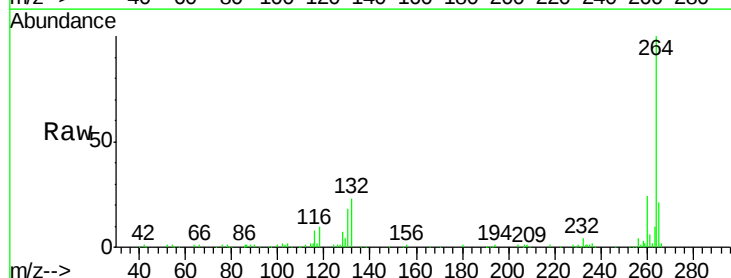


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF081066.D
 Acq: 19 Aug 2015 4:50

Tgt Ion:264 Resp: 190930
 Ion Ratio Lower Upper
 264 100
 260 23.9 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

