

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081202.D
 Acq On : 25 Aug 2015 16:57
 Operator : UM/IZ
 Sample : G3407-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

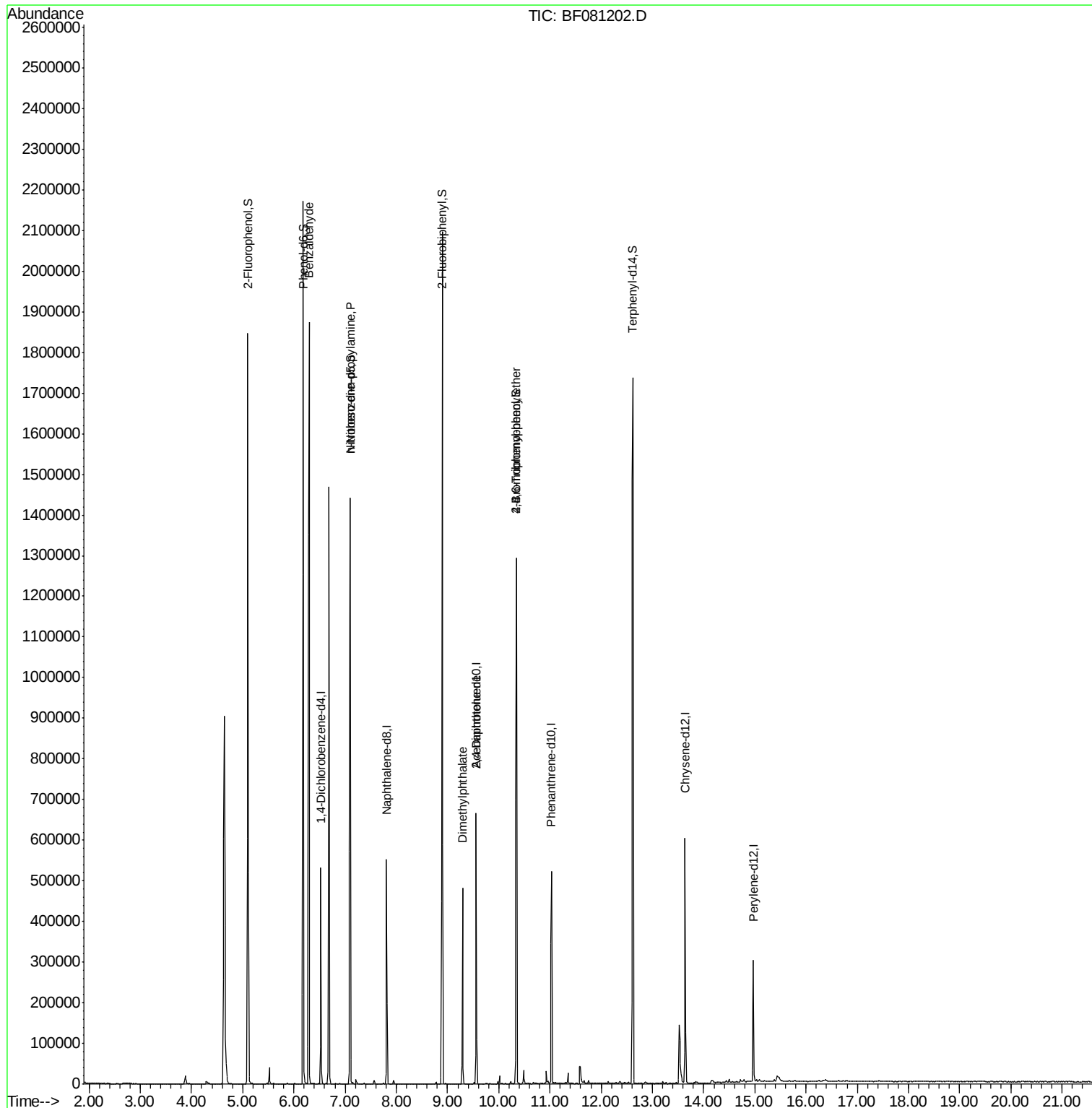
Quant Time: Aug 26 00:07:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

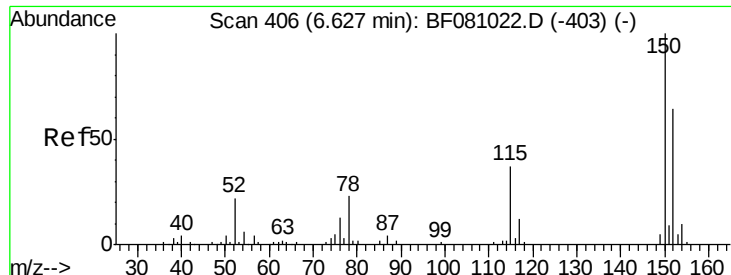
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	70212	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	253055	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	122641	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	246163	20.00	ng	-0.01
75) Chrysene-d12	13.64	240	200594	20.00	ng	-0.02
86) Perylene-d12	14.97	264	160608	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	528264	113.17	ng	0.00
7) Phenol-d6	6.18	99	842080	138.26	ng	-0.01
23) Nitrobenzene-d5	7.10	82	481150	86.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	134118	126.16	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	711651	76.03	ng	-0.01
78) Terphenyl-d14	12.62	244	769539	82.24	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	16011	4.08	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.10	70	65311	15.48	ng	# 72
49) Dimethylphthalate	9.29	163	160674	15.91	ng	99
56) 2,4-Dinitrotoluene	9.56	165	15226	5.30	ng	# 17
66) 4-Bromophenyl-phenylether	10.34	248	10915	4.51	ng	# 1

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\  
Data File : BF081202.D  
Acq On    : 25 Aug 2015   16:57  
Operator  : UM/IZ  
Sample    : G3407-06  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
```

Quant Time: Aug 26 00:07:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration



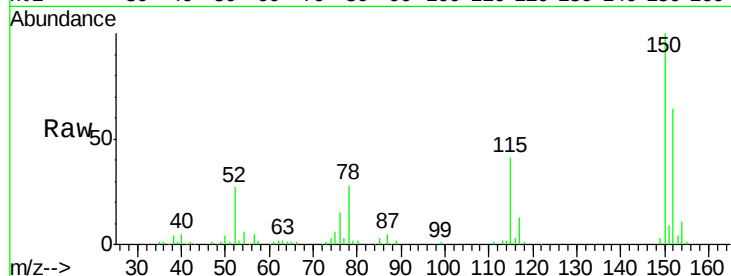


#1

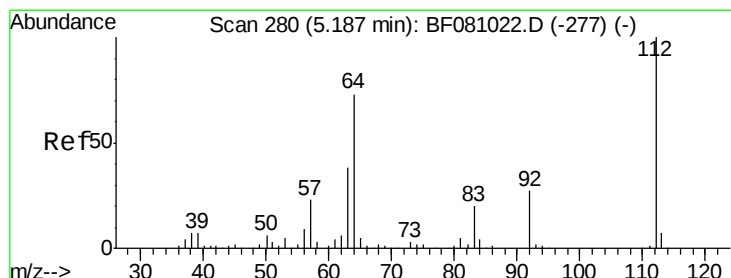
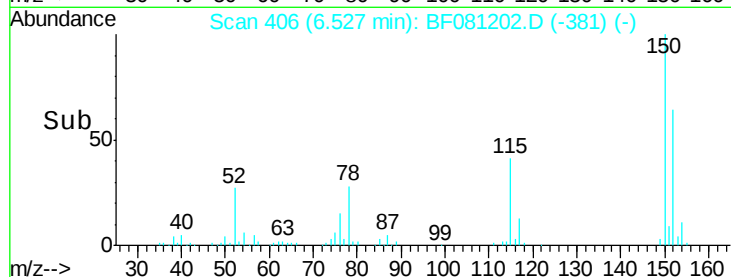
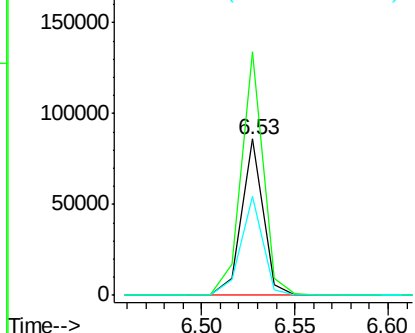
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF081202.D
Acq: 25 Aug 2015 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70212
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.6
115 63.5 52.1 78.1



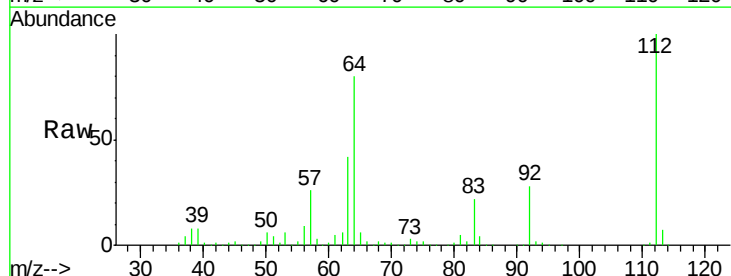
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



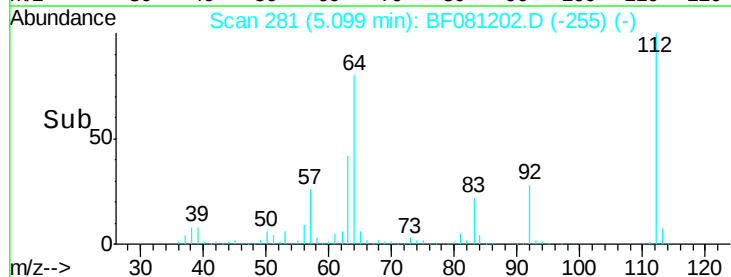
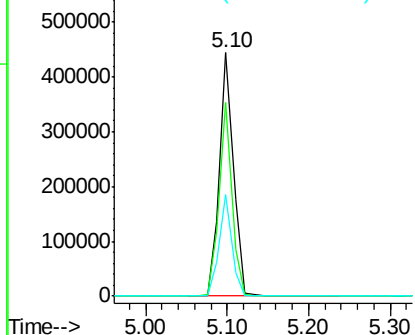
#5

2-Fluorophenol
Concen: 113.17 ng
RT: 5.10 min Scan# 281
Delta R.T. 0.00 min
Lab File: BF081202.D
Acq: 25 Aug 2015 16:57

Tgt Ion:112 Resp: 528264
Ion Ratio Lower Upper
112 100
64 79.6 66.9 100.3
63 41.6 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: 138.26 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081022.D

Acq: 25 Aug 2015 16:57

Instrument :

BNA_F

ClientSampleId :

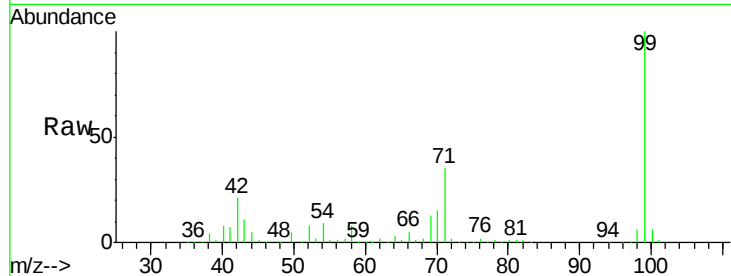
Tot Ion: 99 Resp: 842080

Ion Ratio Lower Upper

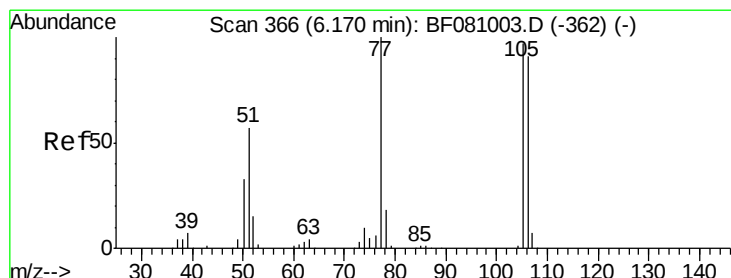
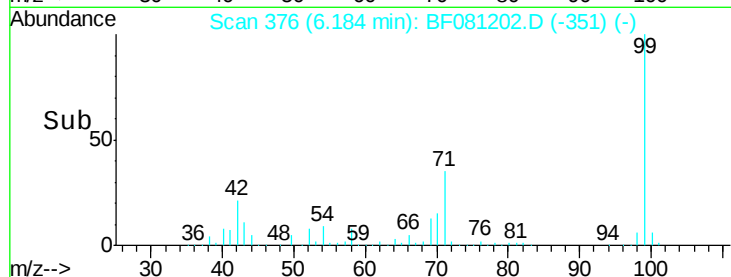
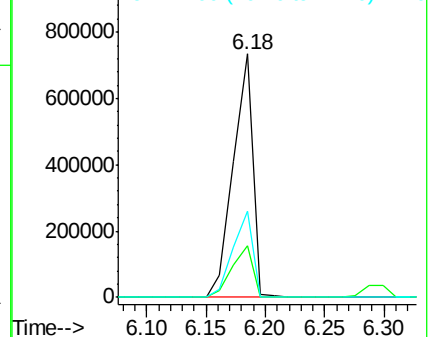
99 100

42 21.2 19.6 29.4

71 35.5 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: 4.08 ng

RT: 6.30 min Scan# 386

Delta R.T. 0.22 min

Lab File: BF081022.D

Acq: 25 Aug 2015 16:57

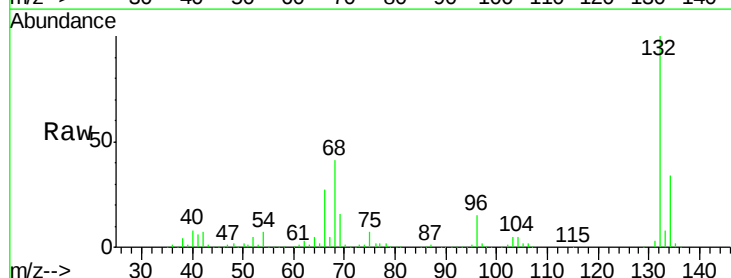
Tgt Ion: 77 Resp: 16011

Ion Ratio Lower Upper

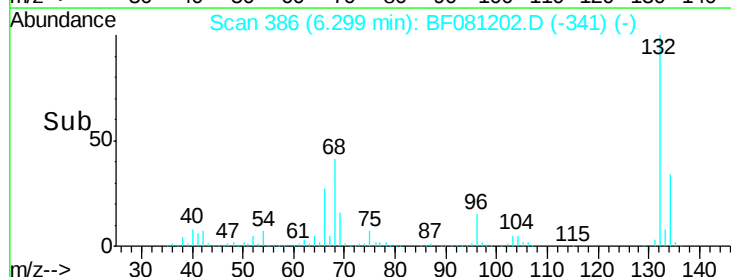
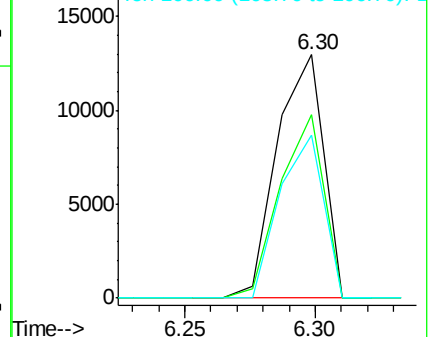
77 100

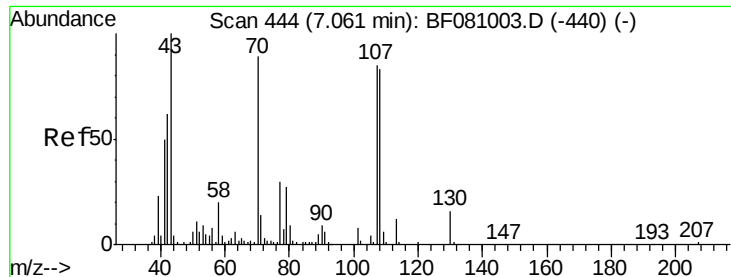
105 75.4 69.6 109.6

106 66.9 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

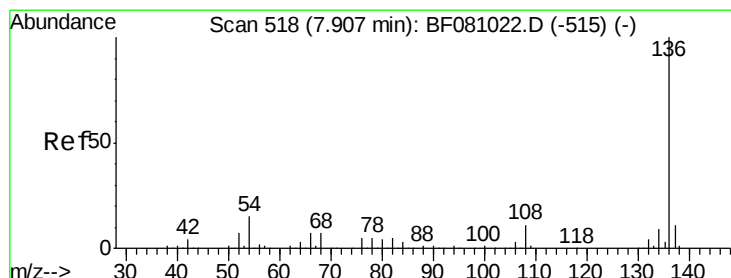
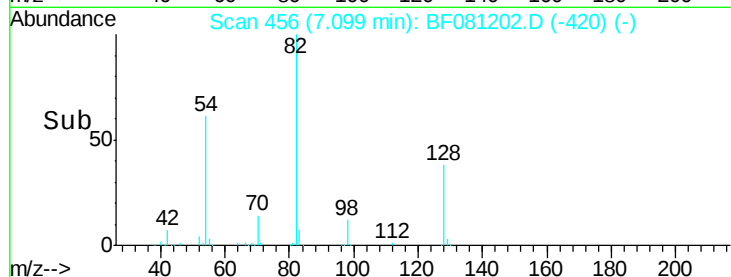
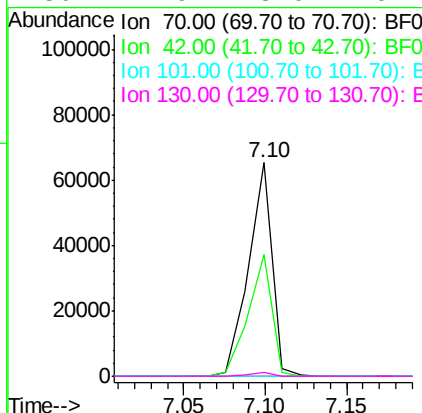
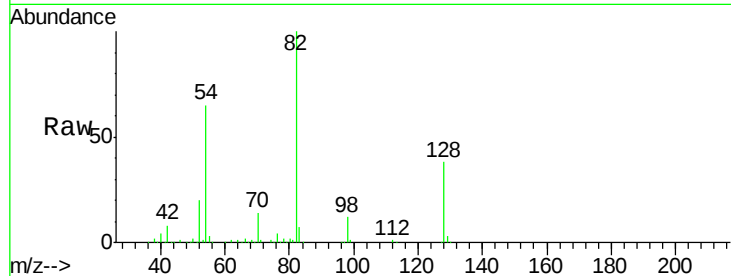




#19
n-Nitroso-di-n-propylamine
Concen: 15.48 ng
RT: 7.10 min Scan# 456
Delta R.T. 0.11 min
Lab File: BF081202.D
Acq: 25 Aug 2015 16:57

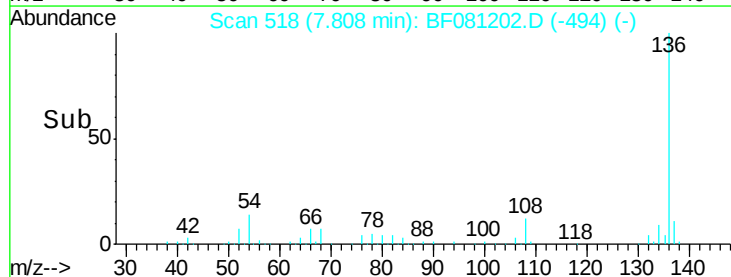
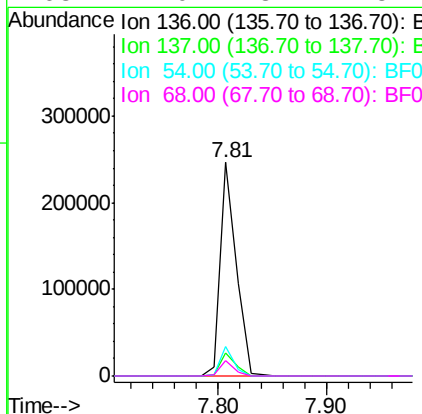
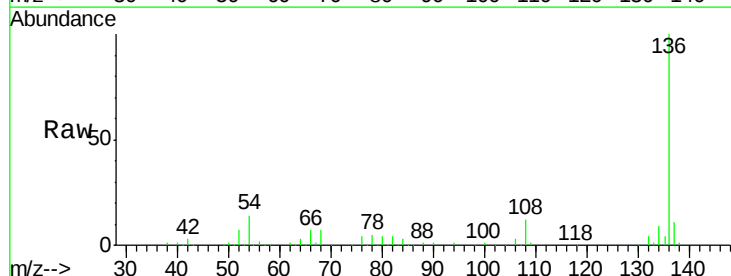
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 65311
Ion Ratio Lower Upper
70 100
42 56.9 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: 7.81 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF081202.D
Acq: 25 Aug 2015 16:57

Tgt Ion: 136 Resp: 253055
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 13.9 7.7 11.5#
68 7.0 3.4 5.2#

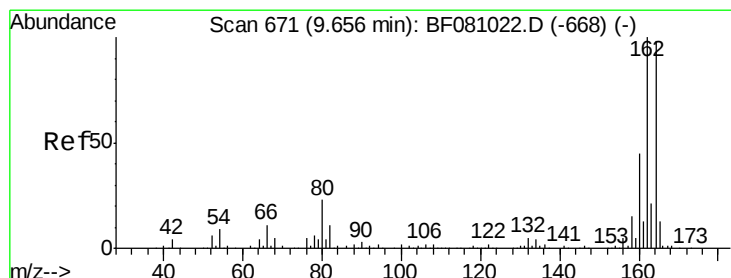
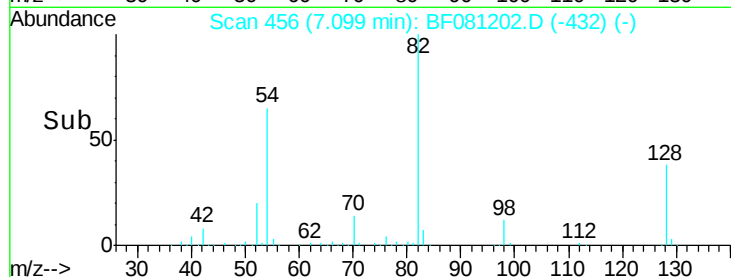
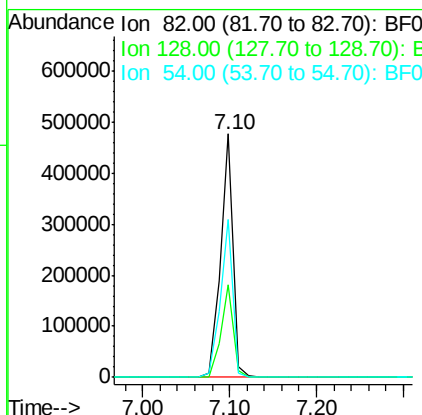
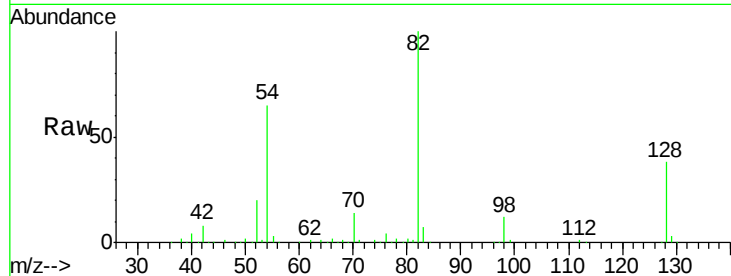




#23
 Nitrobenzene-d5
 Concen: 86.86 ng
 RT: 7.10 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF081202.D
 Acq: 25 Aug 2015 16:57

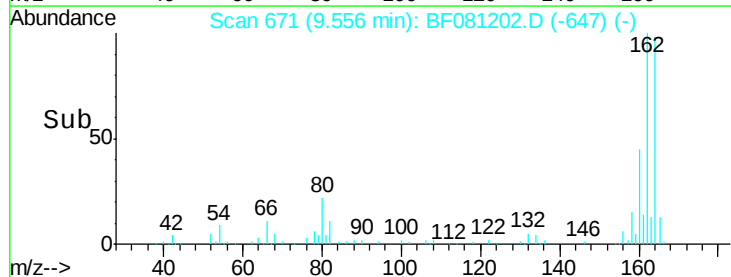
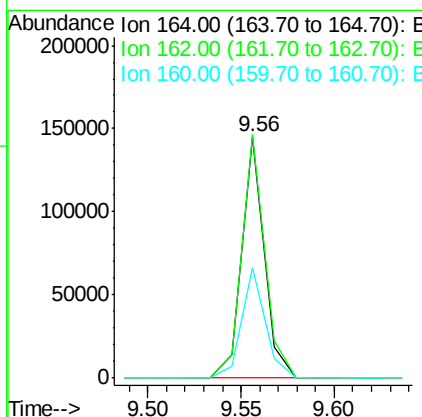
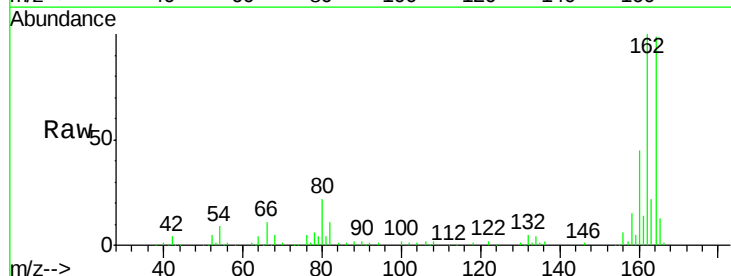
Instrument :
 BNA_F
 ClientSampleId :

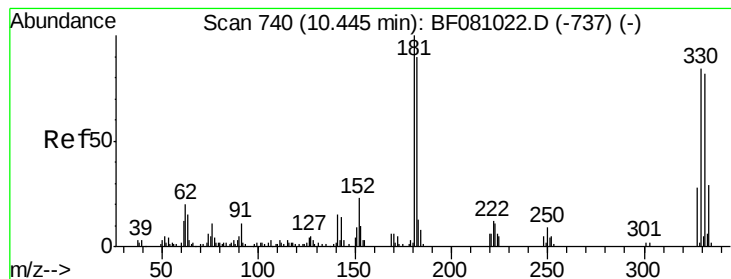
Tot Ion: 82 Resp: 481150
 Ion Ratio Lower Upper
 82 100
 128 38.1 28.6 42.8
 54 65.0 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF081202.D
 Acq: 25 Aug 2015 16:57

Tgt Ion: 164 Resp: 122641
 Ion Ratio Lower Upper
 164 100
 162 101.0 83.8 125.8
 160 45.9 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 126.16 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

Instrument :

BNA_F

ClientSampleId :

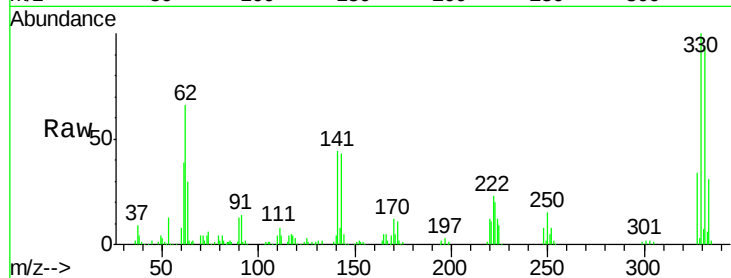
Tot Ion:330 Resp: 134118

Ion Ratio Lower Upper

330 100

332 94.2 77.3 115.9

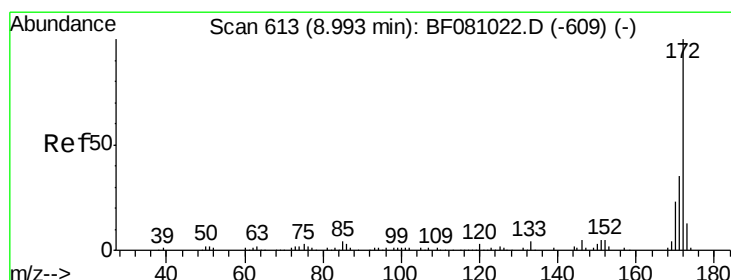
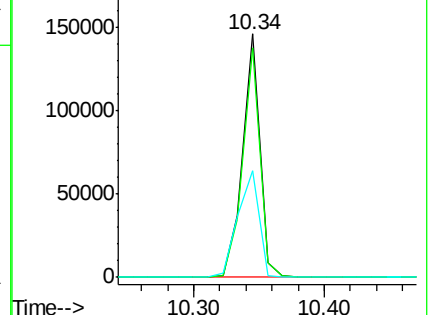
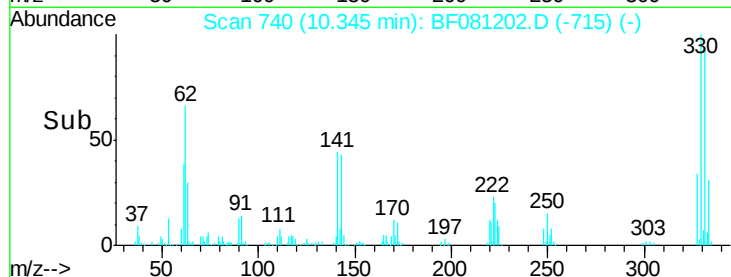
141 53.8 44.9 67.3



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: 76.03 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.01 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

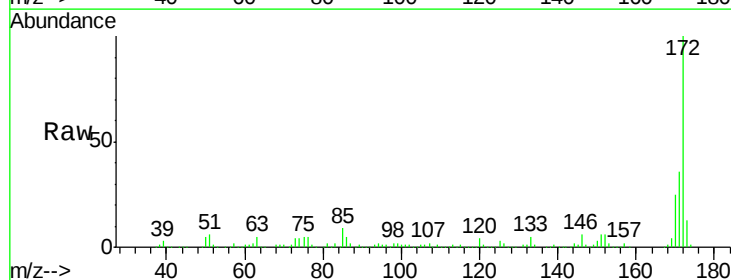
Tgt Ion:172 Resp: 711651

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

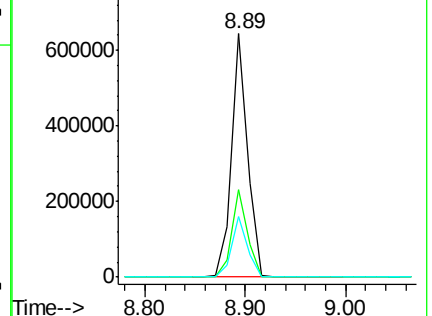
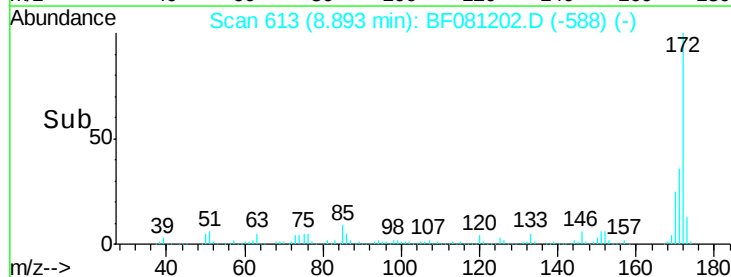
170 24.7 19.4 29.2

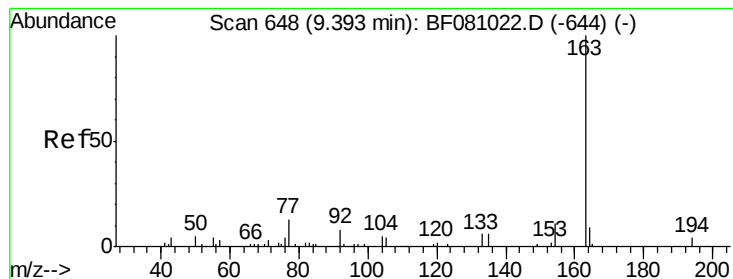


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.91 ng

RT: 9.29 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

Instrument :

BNA_F

ClientSampled :

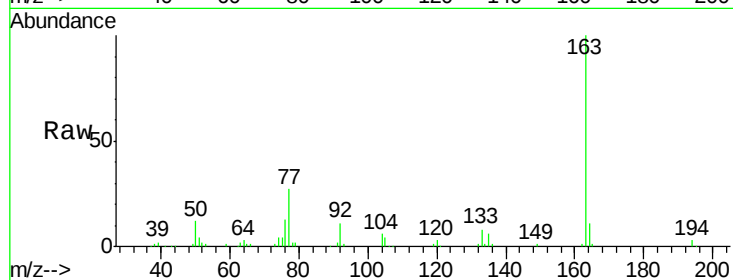
Tot Ion:163 Resp: 160674

Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

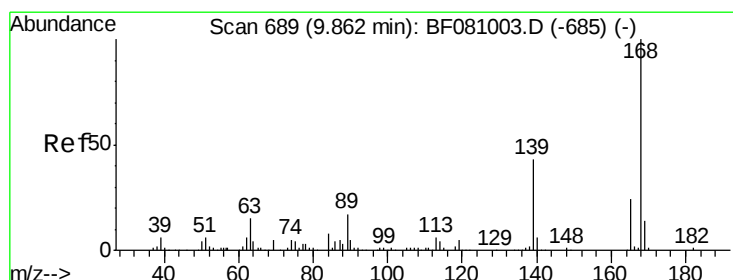
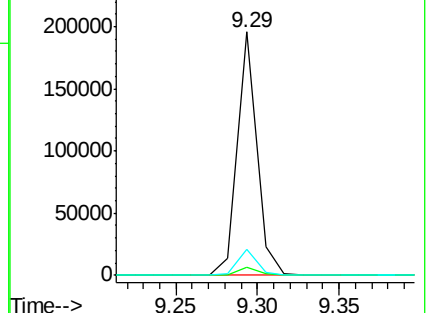
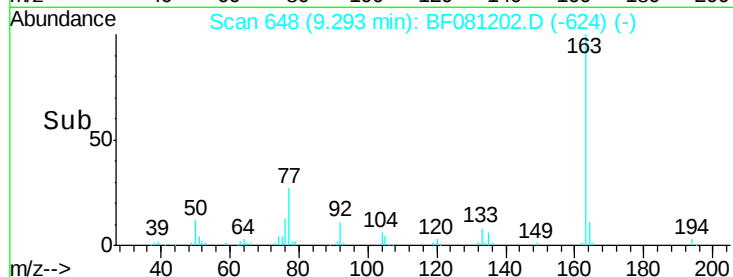
164 10.6 8.1 12.1



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



#56

2,4-Dinitrotoluene

Concen: 5.30 ng

RT: 9.56 min Scan# 671

Delta R.T. -0.22 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

Tgt Ion:165 Resp: 15226

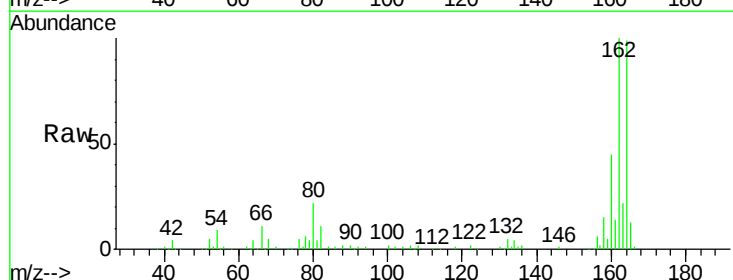
Ion Ratio Lower Upper

165 100

63 1.8 52.2 78.4#

89 0.0 60.1 90.1#

182 0.0 1.8 2.6#

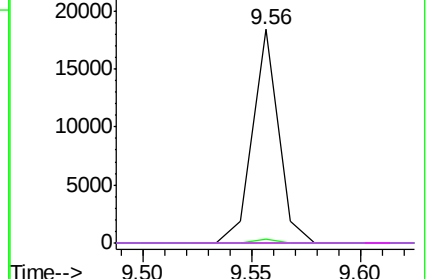
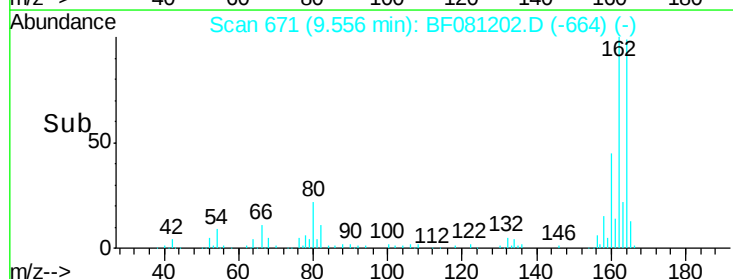


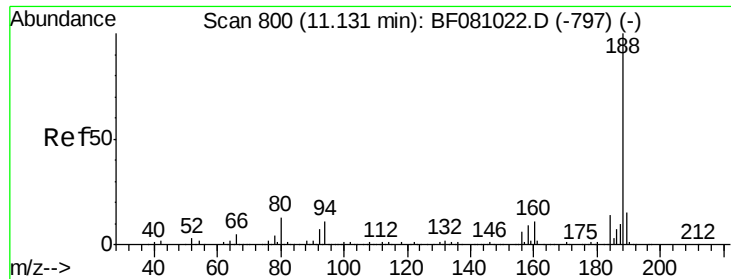
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

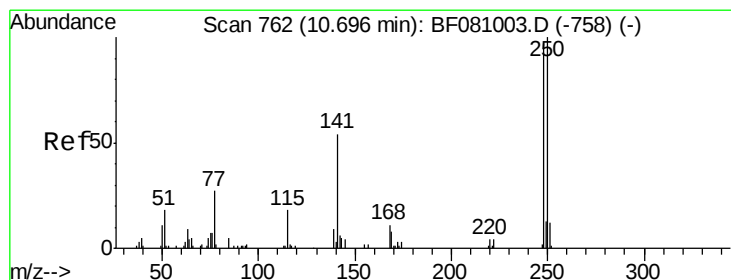
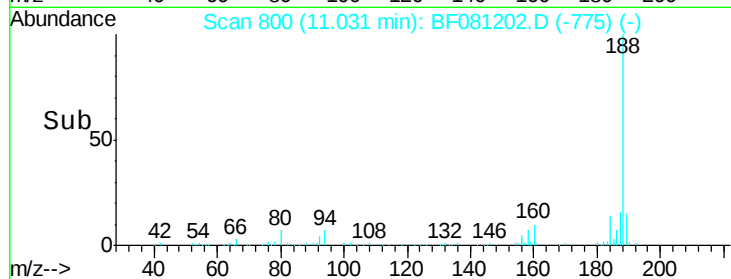
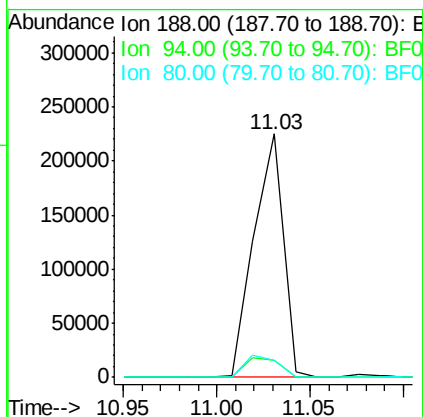
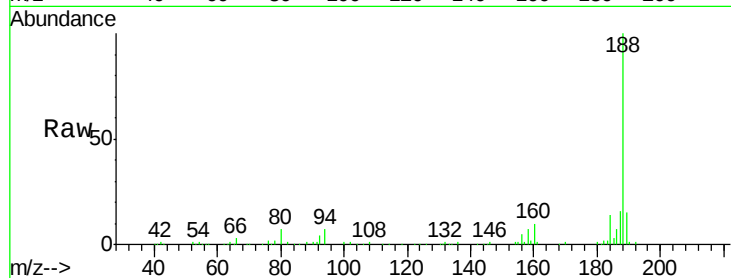




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF081202.D
 Acq: 25 Aug 2015 16:57

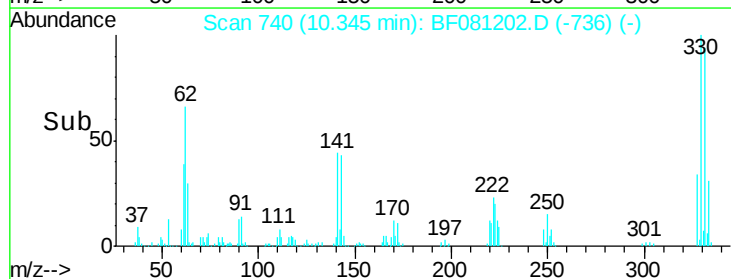
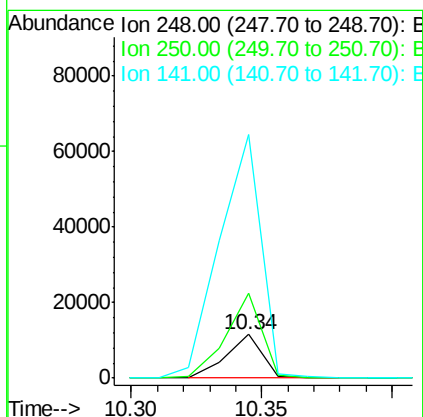
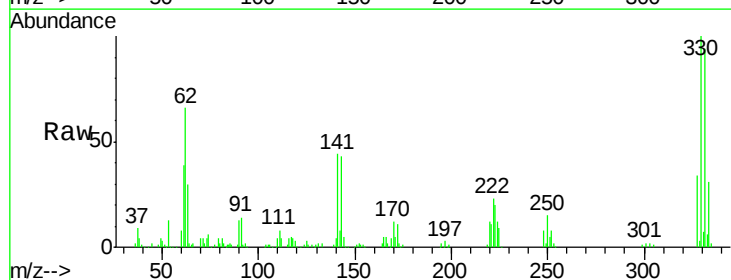
Instrument :
 BNA_F
 ClientSampleId :

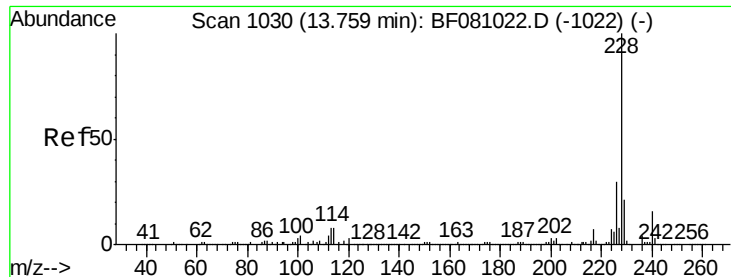
Tot Ion:188 Resp: 246163
 Ion Ratio Lower Upper
 188 100
 94 7.0 8.2 12.2#
 80 6.9 9.5 14.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.34 min Scan# 740
 Delta R.T. -0.25 min
 Lab File: BF081202.D
 Acq: 25 Aug 2015 16:57

Tgt Ion:248 Resp: 10915
 Ion Ratio Lower Upper
 248 100
 250 195.1 77.8 116.6#
 141 561.8 39.8 59.6#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

Instrument :

BNA_F

ClientSampled :

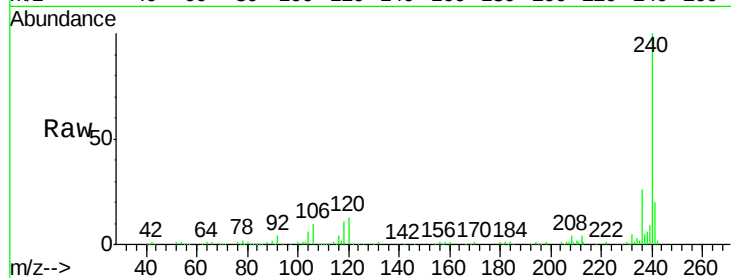
Tot Ion:240 Resp: 200594

Ion Ratio Lower Upper

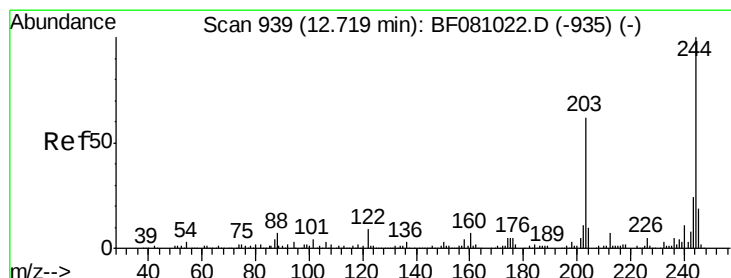
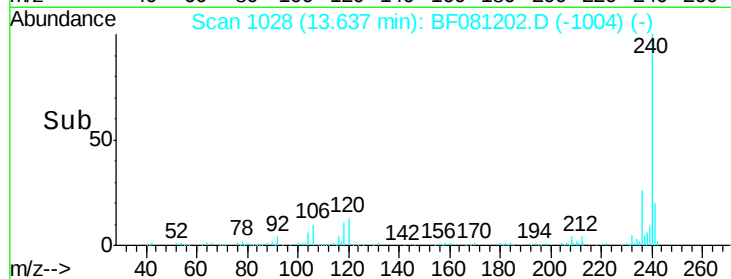
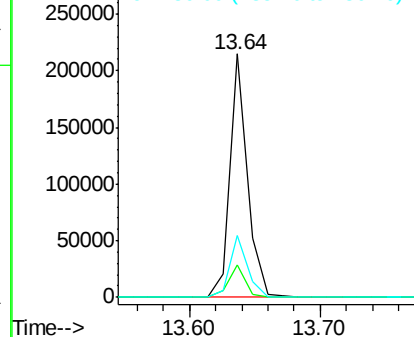
240 100

120 13.3 5.6 8.4#

236 25.6 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: 82.24 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081202.D

Acq: 25 Aug 2015 16:57

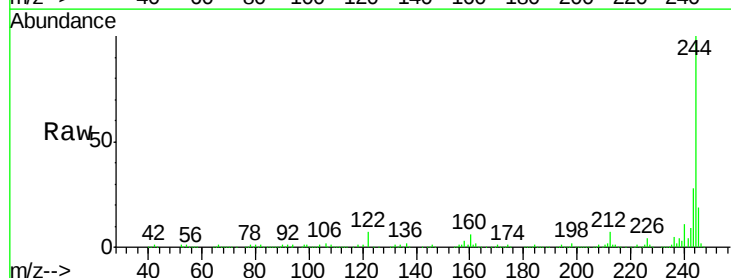
Tgt Ion:244 Resp: 769539

Ion Ratio Lower Upper

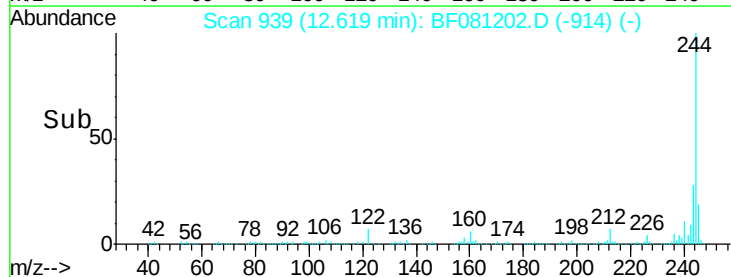
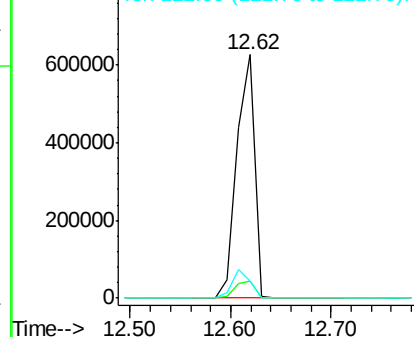
244 100

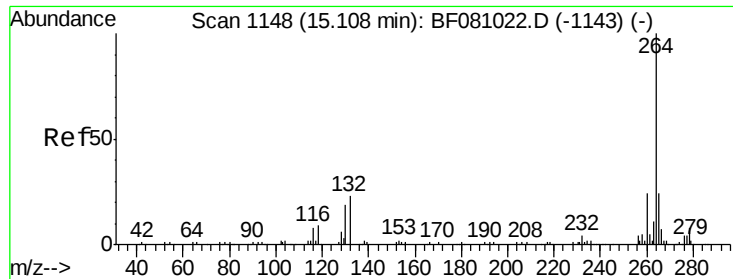
212 7.1 5.8 8.8

122 7.1 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
Pervlene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF081202.D
Acq: 25 Aug 2015 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.6	19.6	29.4	
265	20.7	17.5	26.3	

