

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082243.D
 Acq On : 13 Oct 2015 5:00
 Operator : UM/IZ
 Sample : G3990-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-22)

Quant Time: Oct 13 06:31:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 06:28:22 2015
 Response via : Initial Calibration

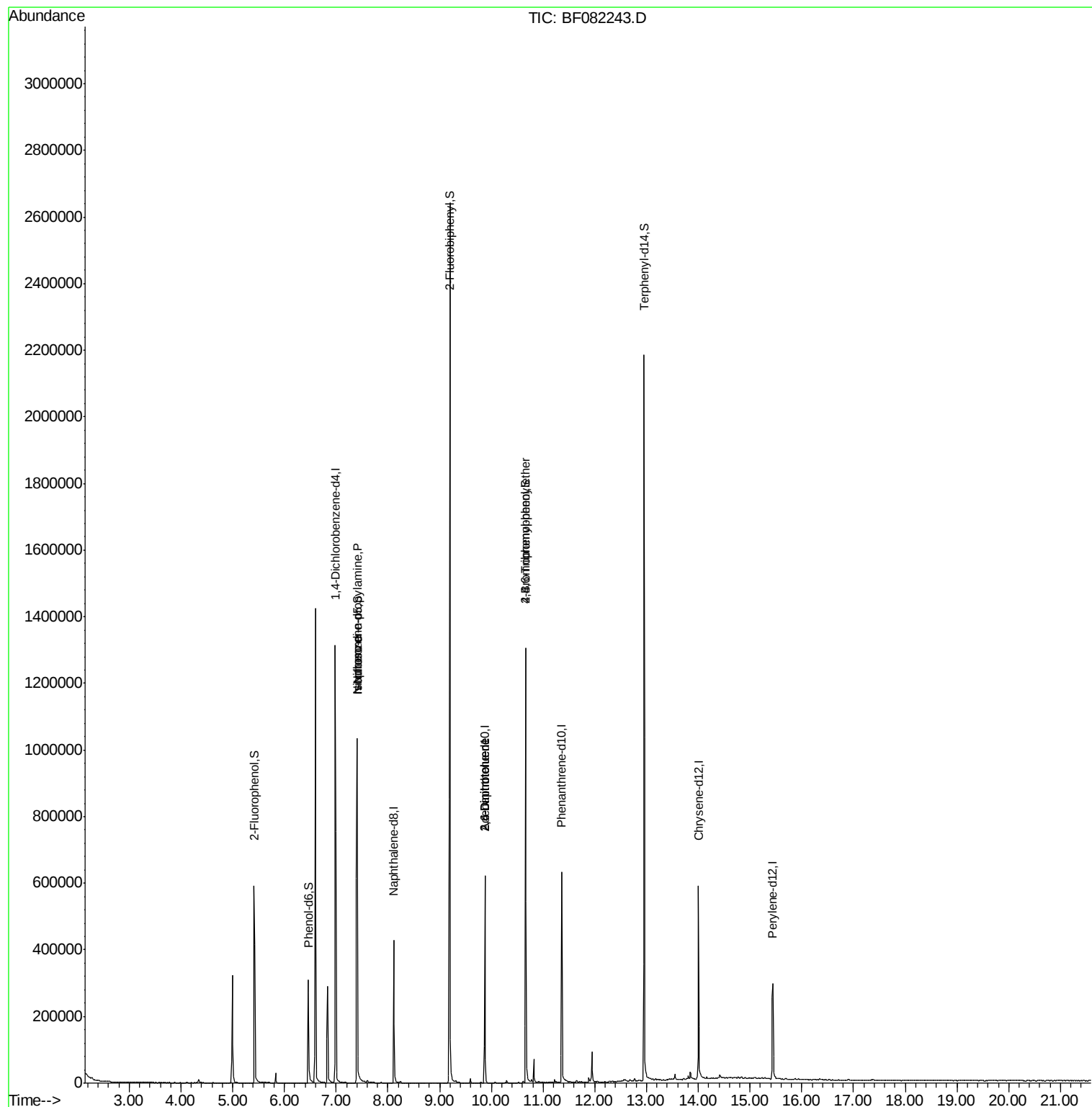
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	266079	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	242121	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	125651	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	257234	20.00	ng	0.00
75) Chrysene-d12	14.00	240	237804	20.00	ng	-0.01
86) Perylene-d12	15.44	264	180535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	227959	17.29	ng	0.00
7) Phenol-d6	6.47	99	173598	10.12	ng	0.00
23) Nitrobenzene-d5	7.41	82	457550	126.91	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	188470	159.94	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	901732	119.01	ng	0.00
78) Terphenyl-d14	12.95	244	892349	99.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	58837	4.88	ng	# 76
25) Isophorone	7.41	82	457544	62.88	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	15653	8.38	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	15653	6.71	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	12153	4.72	ng	# 1

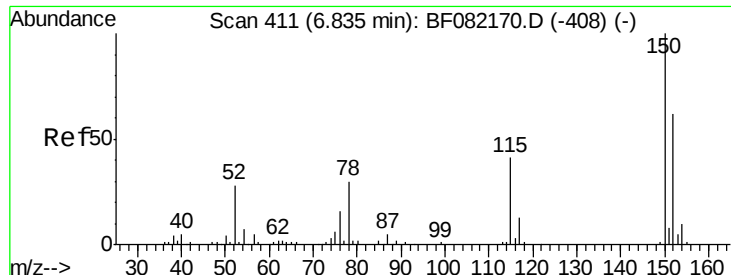
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082243.D
Acq On : 13 Oct 2015 5:00
Operator : UM/IZ
Sample : G3990-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-22)

Quant Time: Oct 13 06:31:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 06:28:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.15 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-22)

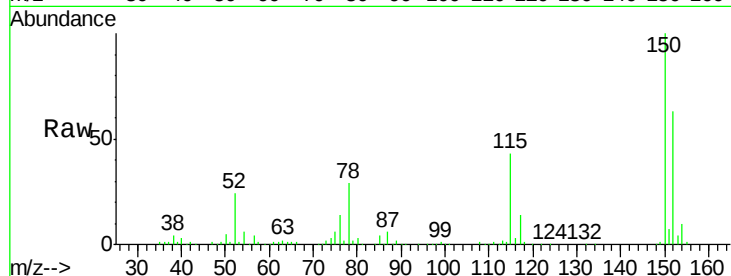
Tot Ion:152 Resp: 266079

Ion Ratio Lower Upper

152 100

150 159.8 129.0 193.4

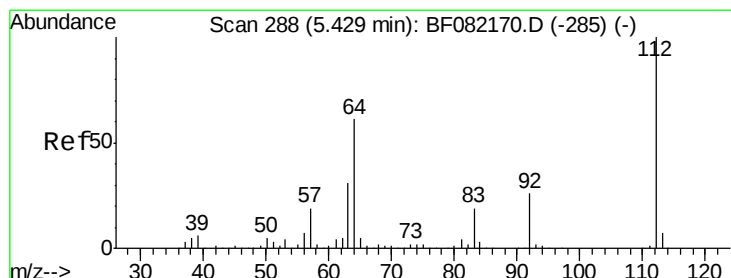
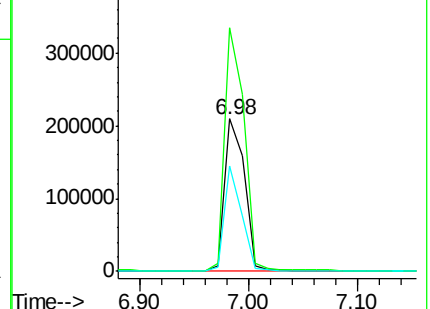
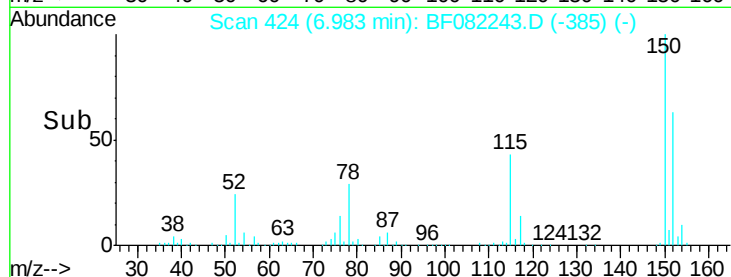
115 68.8 52.1 78.1



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: 17.29 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

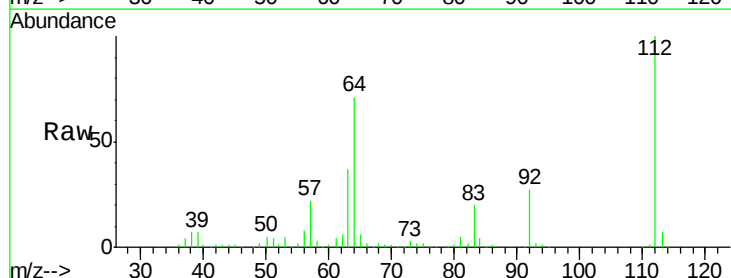
Tgt Ion:112 Resp: 227959

Ion Ratio Lower Upper

112 100

64 71.0 48.6 73.0

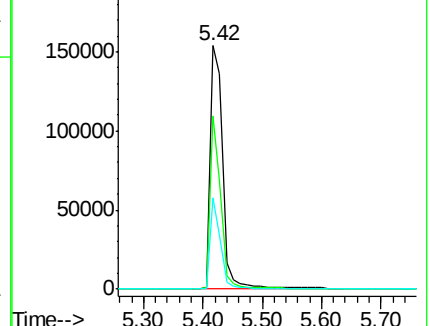
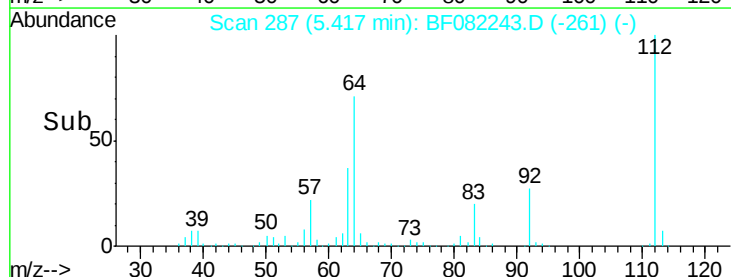
63 37.2 25.1 37.7

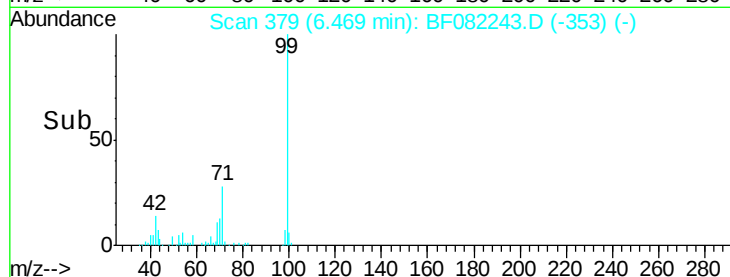
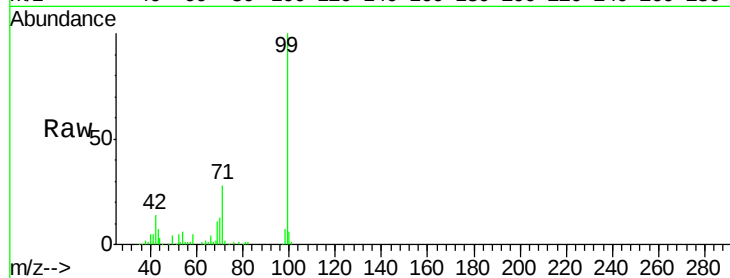
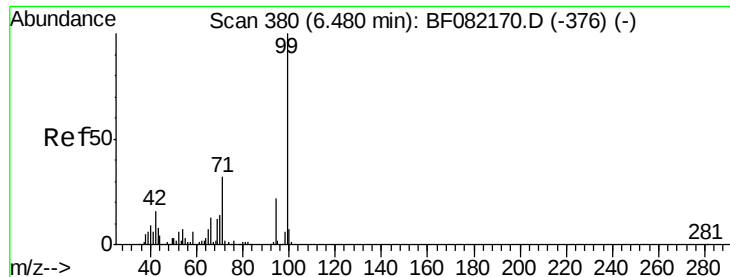


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.12 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-22)

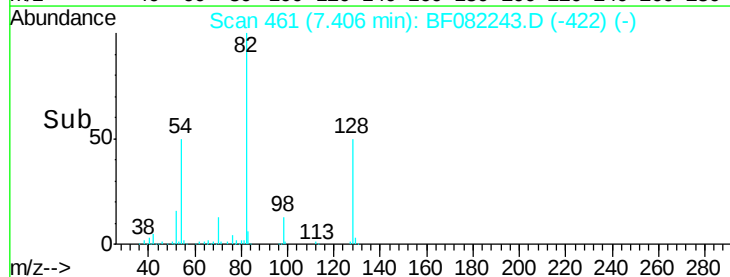
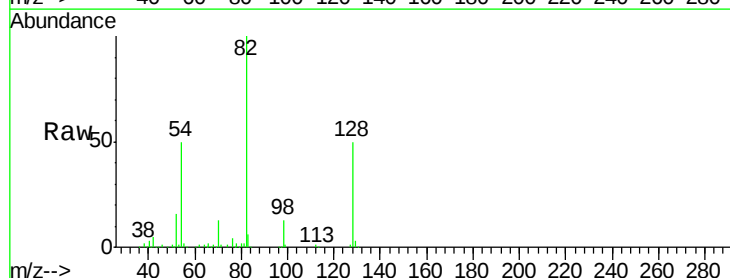
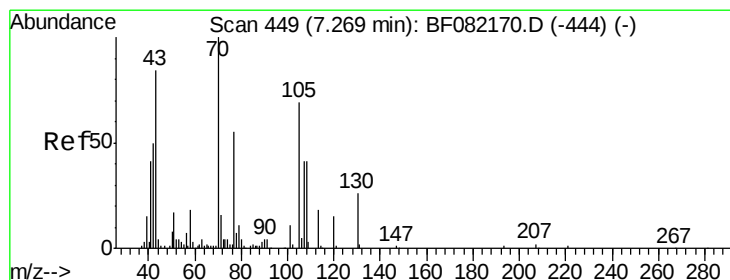
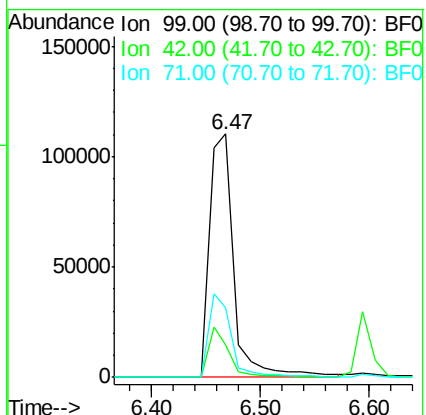
Tot Ion: 99 Resp: 173598

Ion Ratio Lower Upper

99 100

42 13.6 13.2 19.8

71 28.3 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.88 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Tgt Ion: 70 Resp: 58837

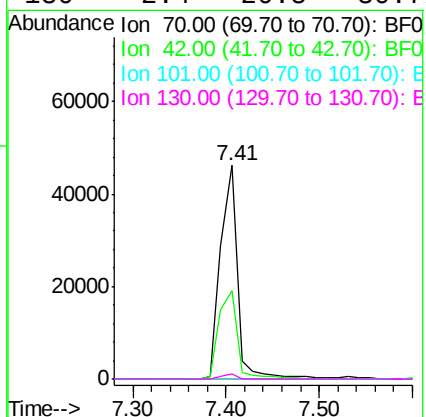
Ion Ratio Lower Upper

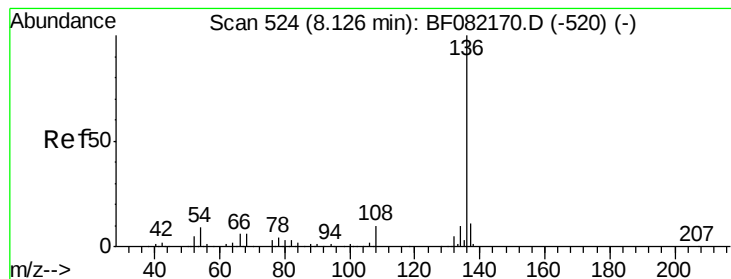
70 100

42 41.2 39.8 59.8

101 0.0 8.6 13.0#

130 2.4 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-22)

Tot Ion:136 Resp: 242121

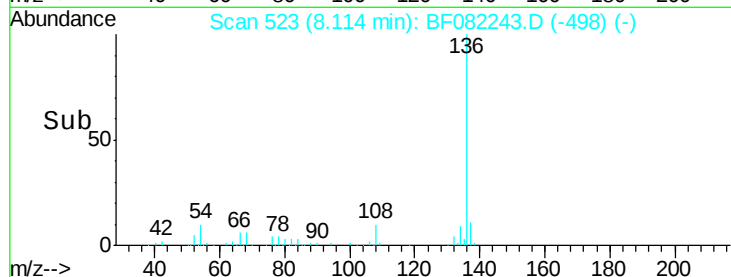
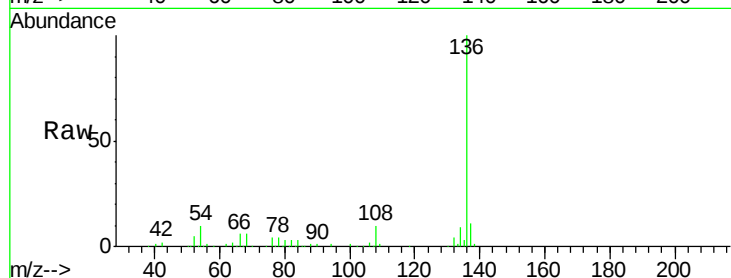
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 10.0 7.5 11.3

68 6.0 4.6 7.0



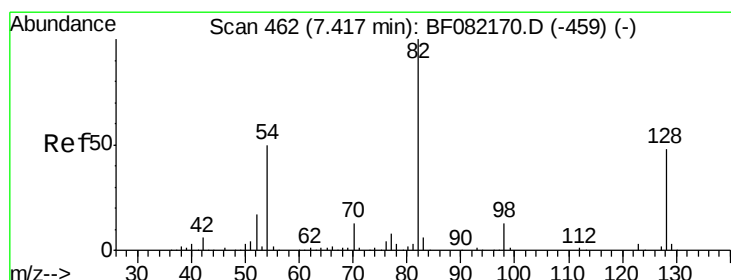
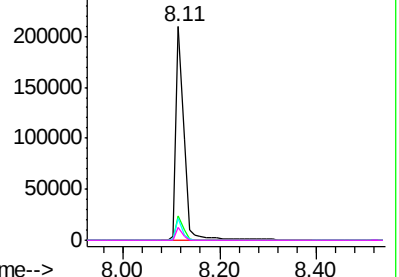
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 126.91 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

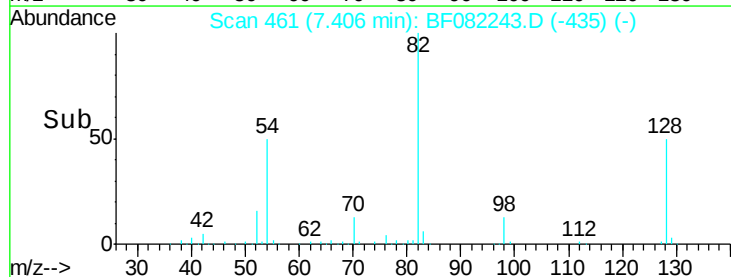
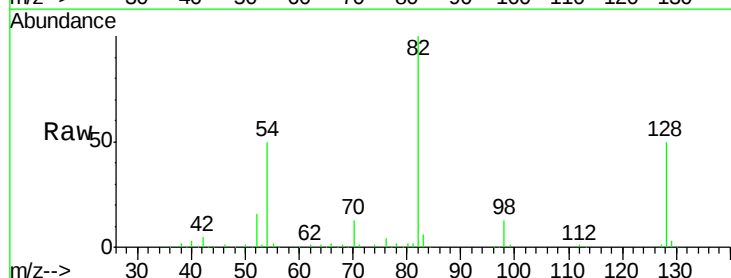
Tgt Ion: 82 Resp: 457550

Ion Ratio Lower Upper

82 100

128 49.7 38.7 58.1

54 50.0 40.1 60.1

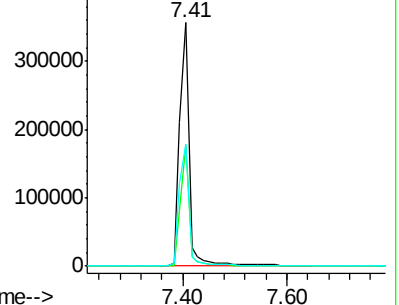


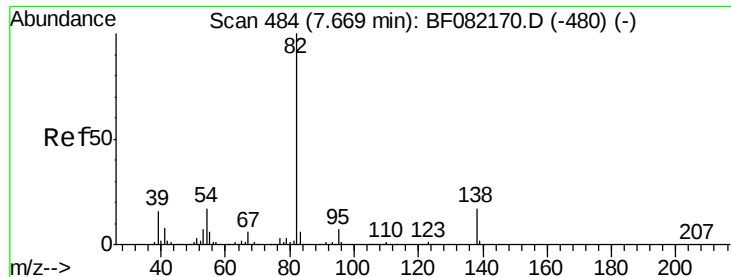
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#25

Isophorone

Concen: 62.88 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.25 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-22)

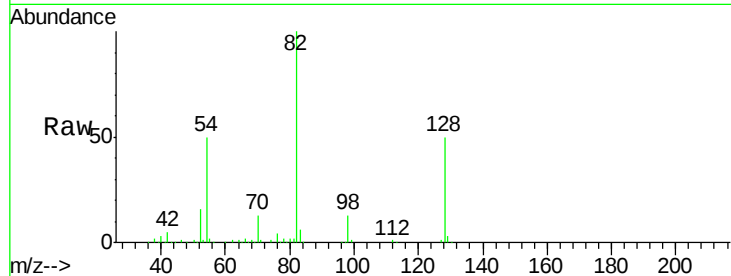
Tot Ion: 82 Resp: 457544

Ion Ratio Lower Upper

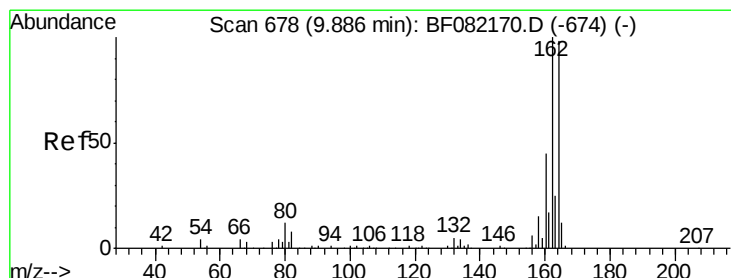
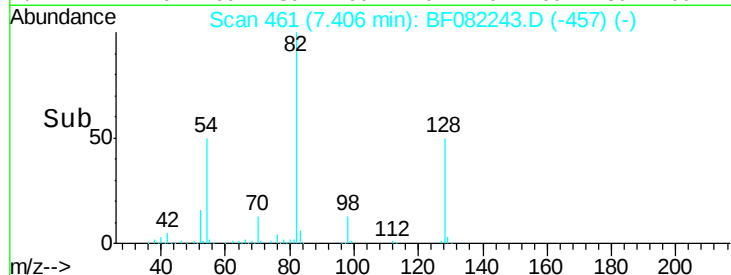
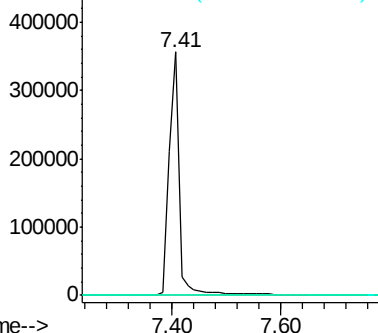
82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



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: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

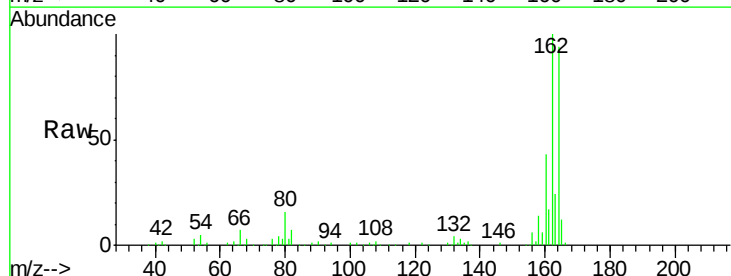
Tgt Ion:164 Resp: 125651

Ion Ratio Lower Upper

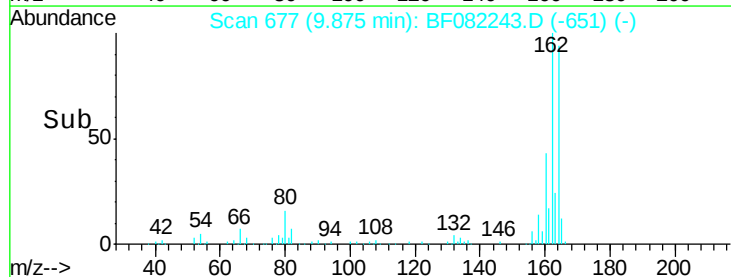
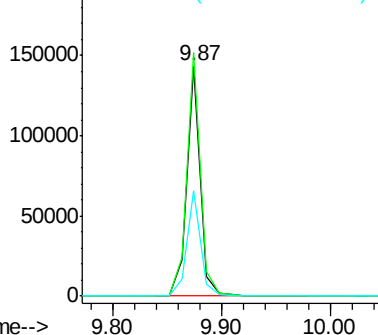
164 100

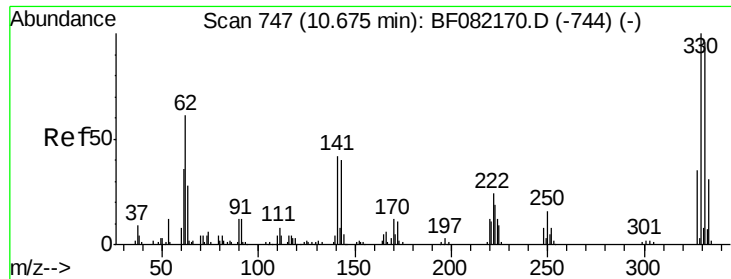
162 105.8 81.6 122.4

160 45.8 36.4 54.6



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

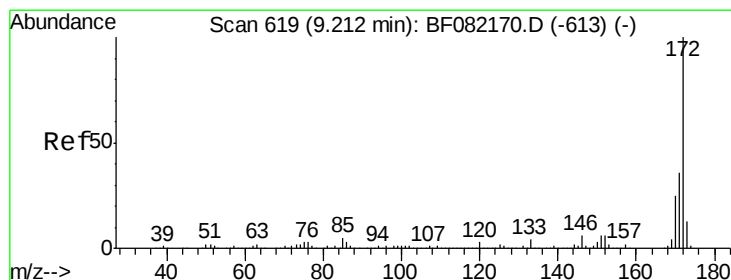
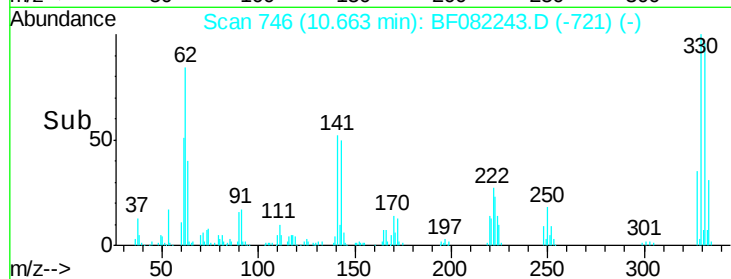
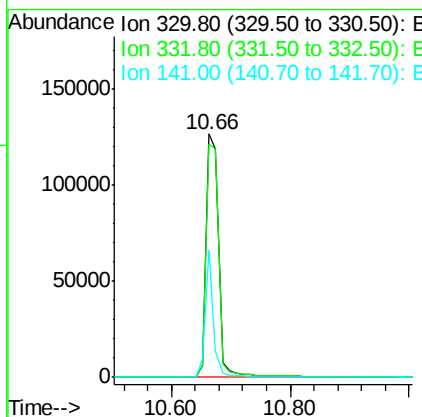
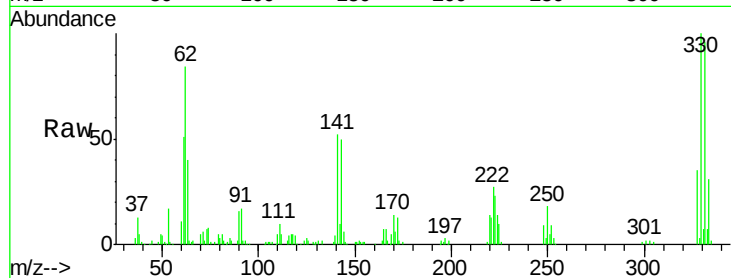




#41
 2,4,6-Tribromophenol
 Concen: 159.94 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082243.D
 Acq: 13 Oct 2015 5:00

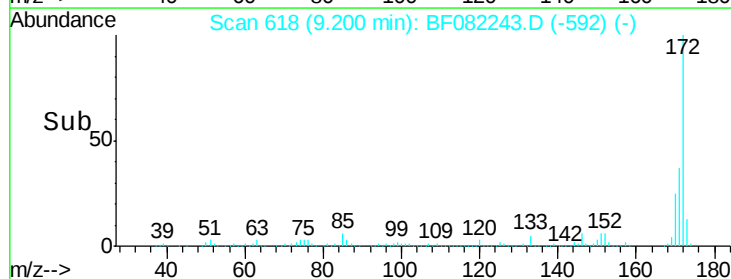
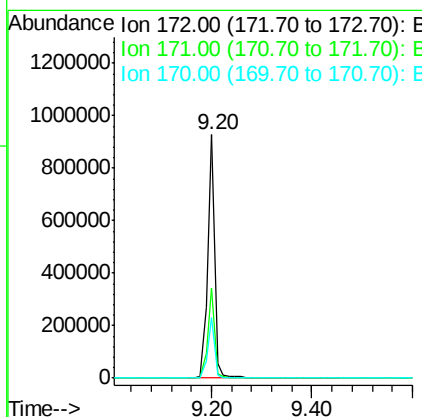
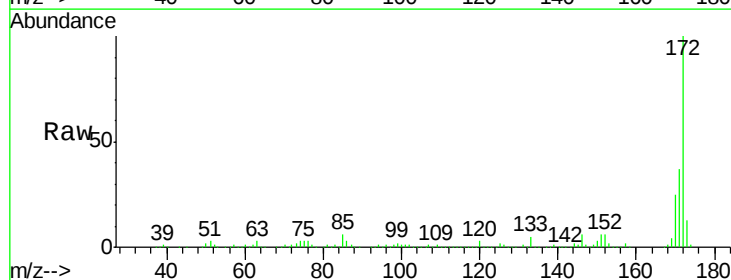
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-22)

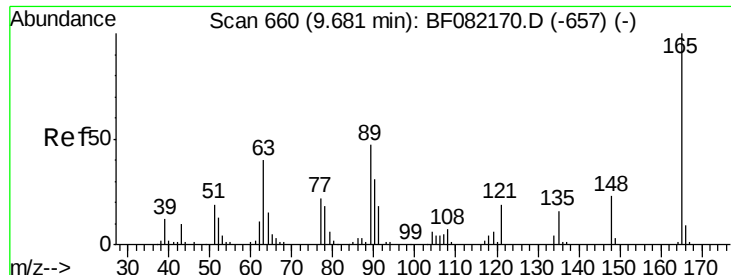
Tot Ion:330 Resp: 188470
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 34.4 29.8 44.8



#44
 2-Fluorobiphenyl
 Concen: 119.01 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082243.D
 Acq: 13 Oct 2015 5:00

Tgt Ion:172 Resp: 901732
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 25.0 19.7 29.5

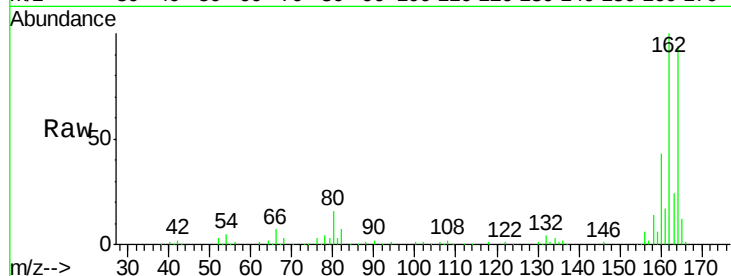




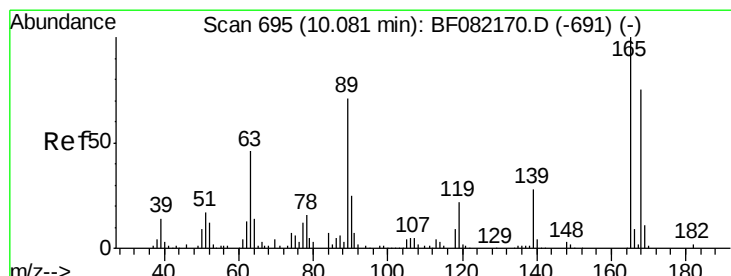
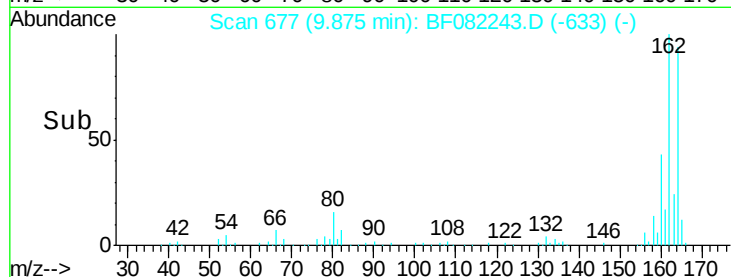
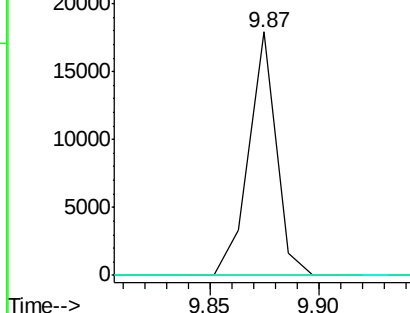
#50
 2,6-Dinitrotoluene
 Concen: 8.38 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF082243.D
 Acq: 13 Oct 2015 5:00

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-22)

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	37.8	56.6#



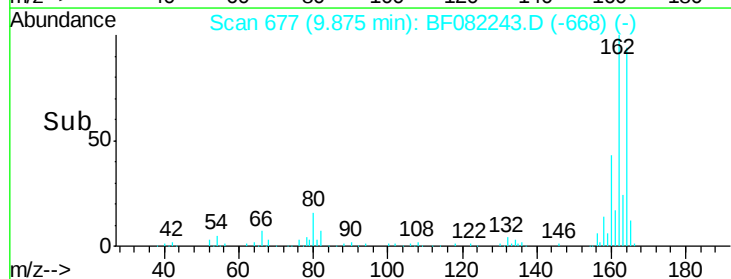
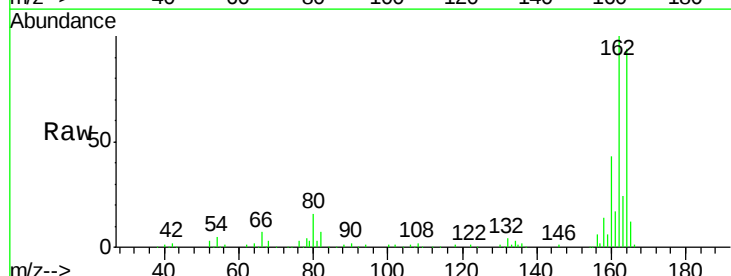
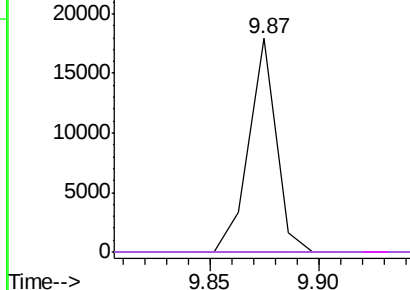
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

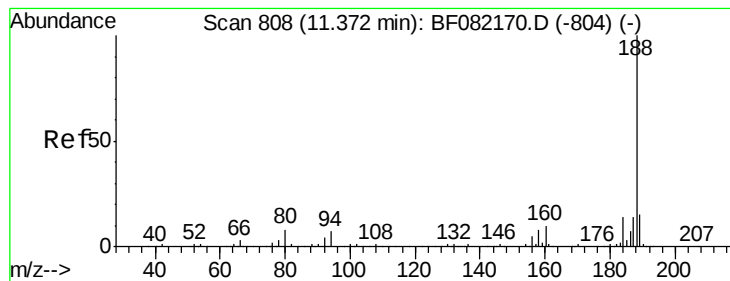


#56
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.19 min
 Lab File: BF082243.D
 Acq: 13 Oct 2015 5:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-22)

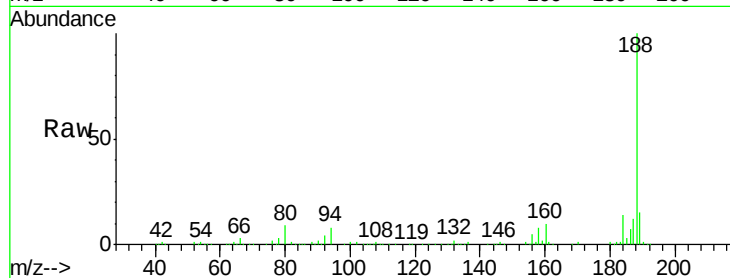
Tot Ion:188 Resp: 257234

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

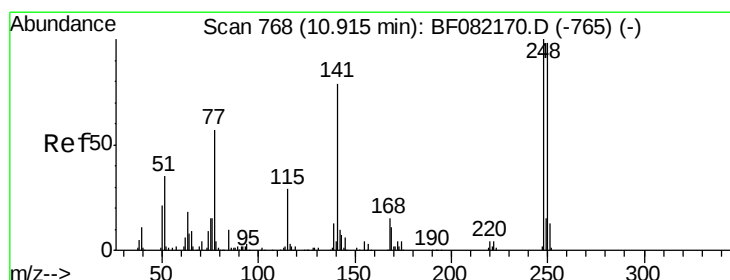
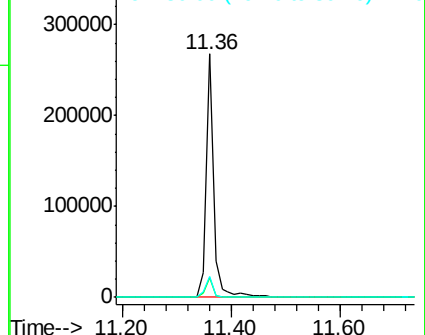
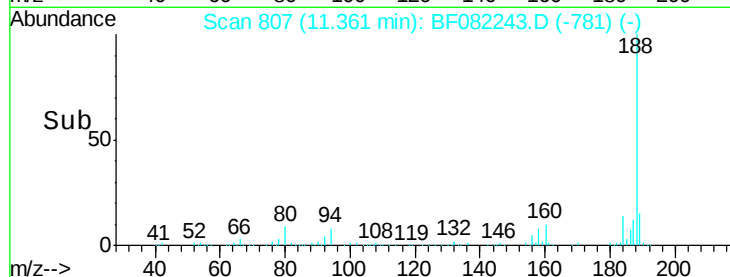
80 8.6 6.4 9.6



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



#66

4-Bromophenyl-phenylether

Concen: 4.72 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

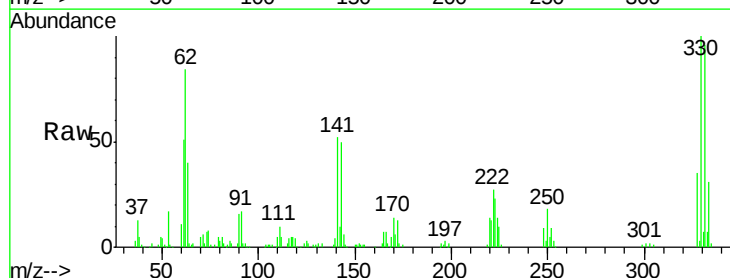
Tgt Ion:248 Resp: 12153

Ion Ratio Lower Upper

248 100

250 202.0 78.6 117.8#

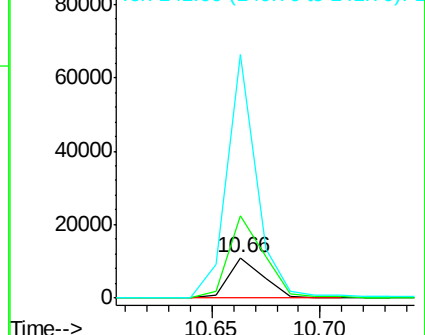
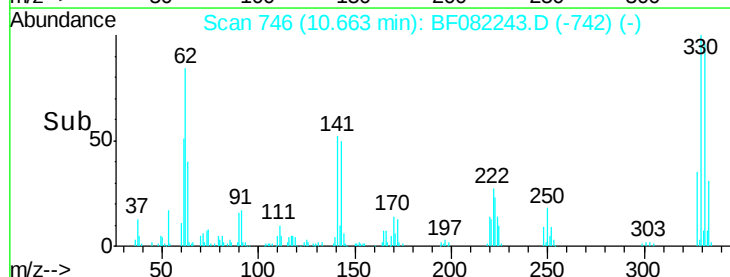
141 599.4 63.3 94.9#

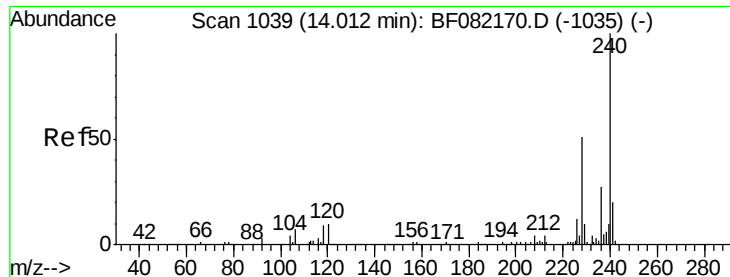


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-22)

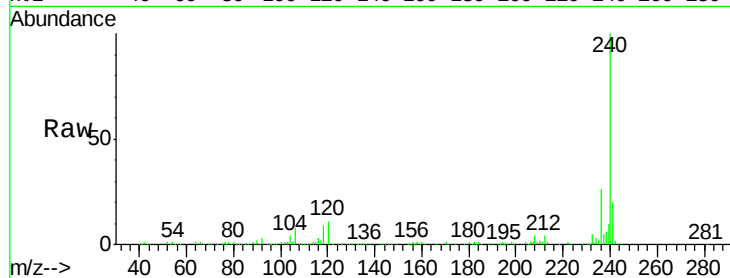
Tot Ion:240 Resp: 237804

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

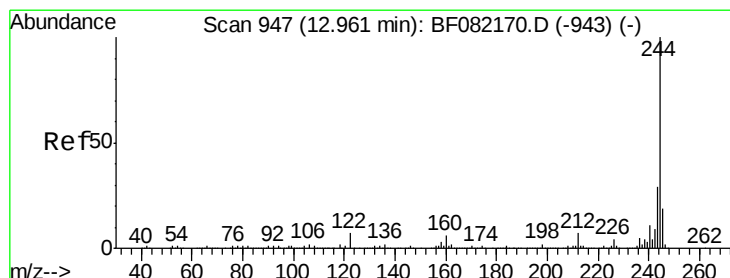
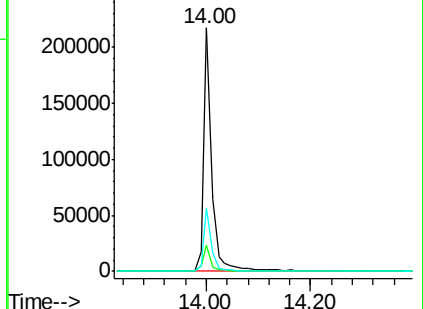
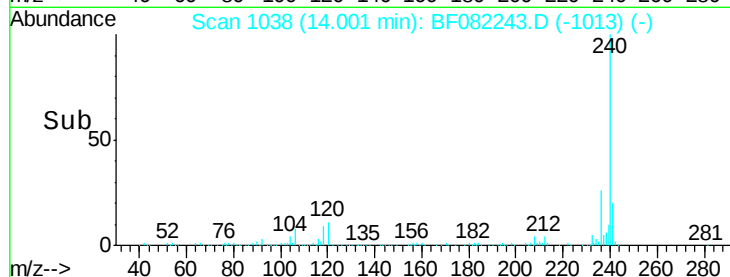
236 25.7 21.3 31.9



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: 99.44 ng

RT: 12.95 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

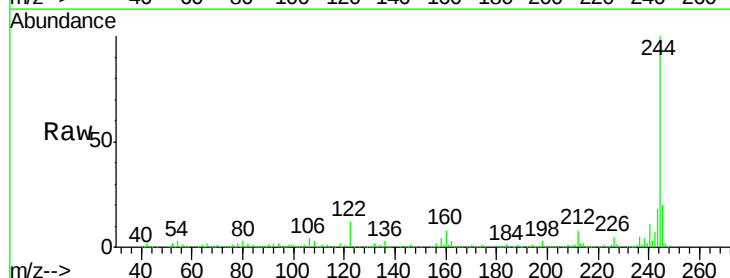
Tgt Ion:244 Resp: 892349

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

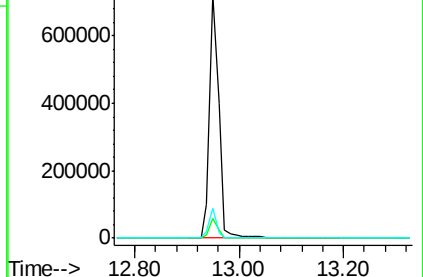
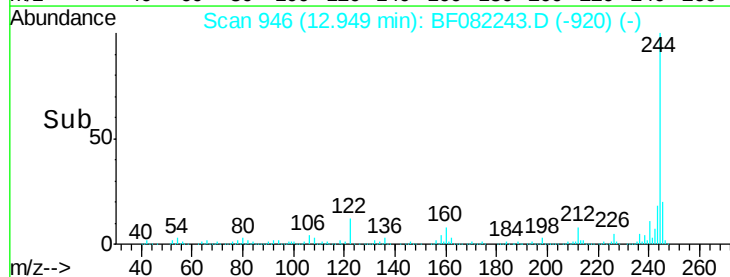
122 12.3 5.9 8.9#

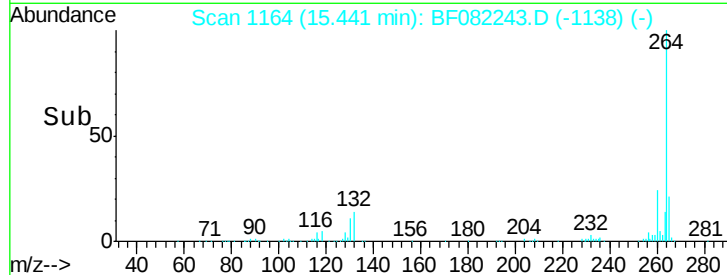
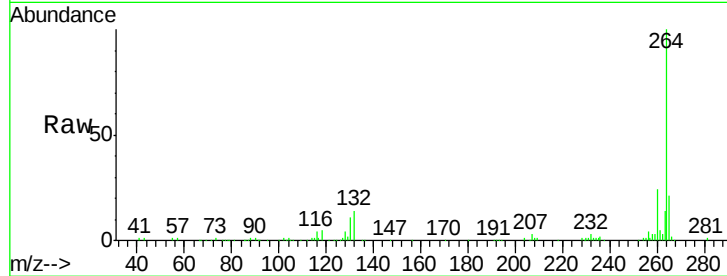
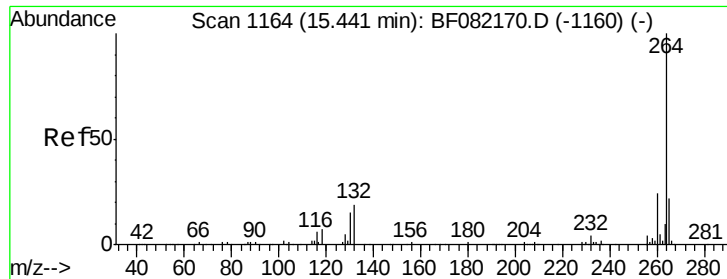


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082243.D
Acq: 13 Oct 2015 5:00

Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-22)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.0	17.3	25.9

