

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082222.D
 Acq On : 12 Oct 2015 16:01
 Operator : UM/IZ
 Sample : G3990-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-15)

Quant Time: Oct 13 02:07:30 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 02:05:16 2015
 Response via : Initial Calibration

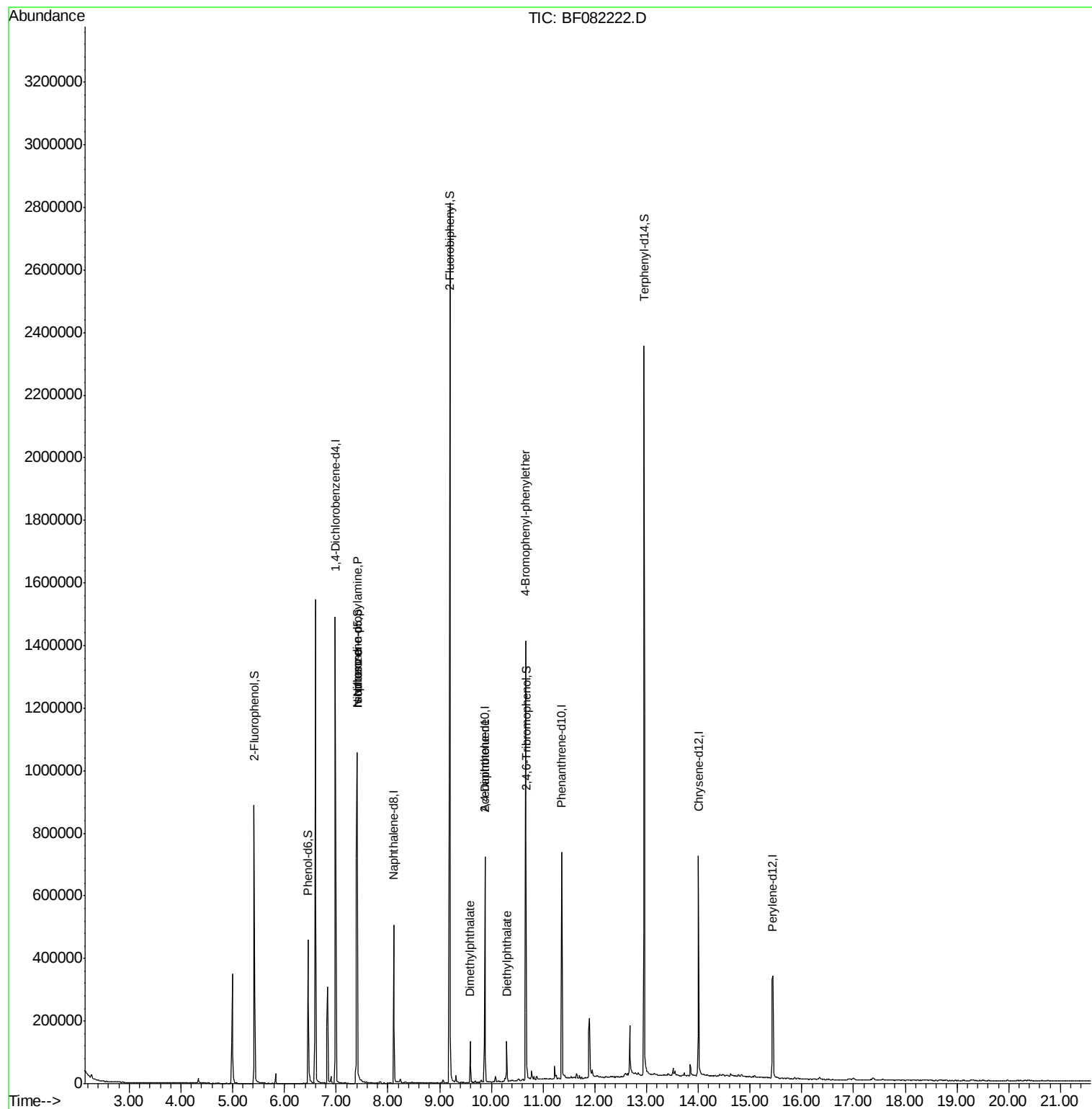
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	280576	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	263403	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	140704	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	280069	20.00	ng	0.00
75) Chrysene-d12	14.00	240	274689	20.00	ng	-0.01
86) Perylene-d12	15.44	264	210683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	258584	18.60	ng	0.00
7) Phenol-d6	6.46	99	211377	11.68	ng	-0.01
23) Nitrobenzene-d5	7.41	82	485642	123.82	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	228841	173.42	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	956090	112.69	ng	0.00
78) Terphenyl-d14	12.95	244	977363	94.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	63786	5.02	ng	# 75
25) Isophorone	7.41	82	472181	59.65	ng	# 66
49) Dimethylphthalate	9.59	163	62030	6.26	ng	99
56) 2,4-Dinitrotoluene	9.87	165	17308	6.62	ng	# 22
59) Diethylphthalate	10.30	149	43821	4.74	ng	98
66) 4-Bromophenyl-phenylether	10.66	248	14151	5.05	ng	# 1

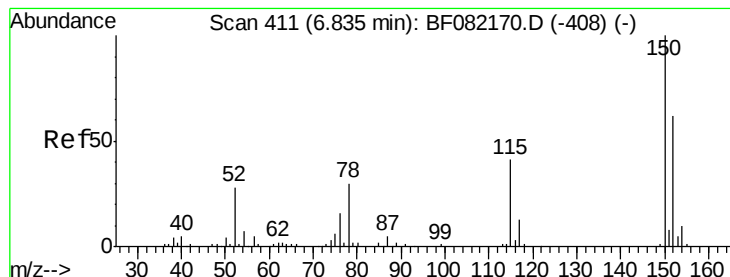
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
Data File : BF082222.D
Acq On : 12 Oct 2015 16:01
Operator : UM/IZ
Sample : G3990-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-15)

Quant Time: Oct 13 02:07:30 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 02:05:16 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: BF082222.D

Acq: 12 Oct 2015 16:01

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-15)

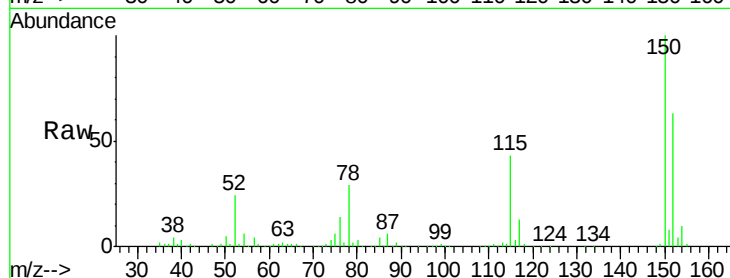
Tot Ion:152 Resp: 280576

Ion Ratio Lower Upper

152 100

150 157.8 129.0 193.4

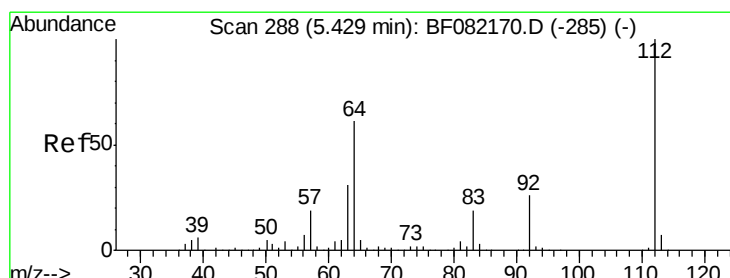
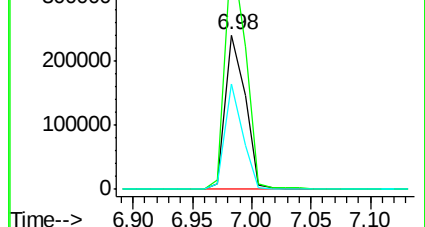
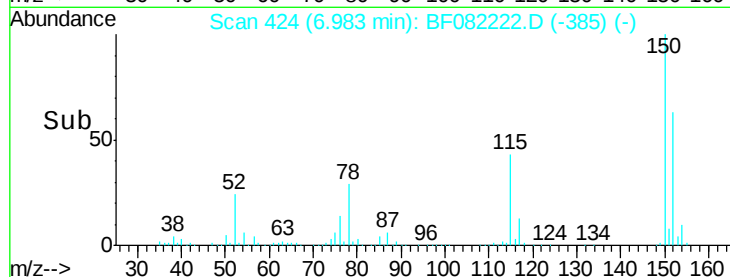
115 68.0 52.1 78.1



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: 18.60 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF082222.D

Acq: 12 Oct 2015 16:01

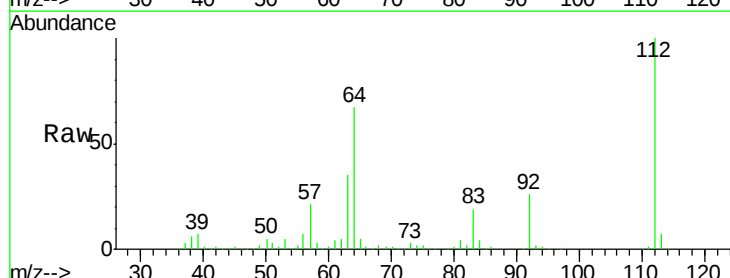
Tgt Ion:112 Resp: 258584

Ion Ratio Lower Upper

112 100

64 67.5 48.6 73.0

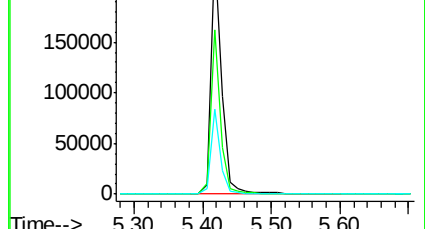
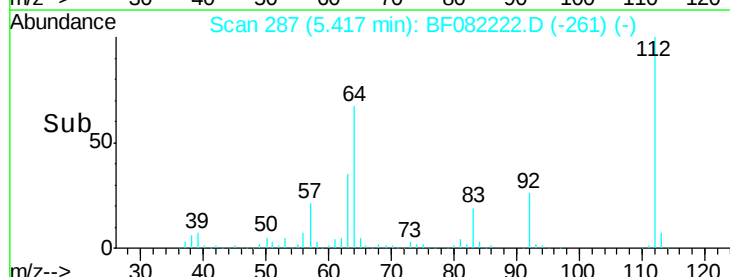
63 34.7 25.1 37.7

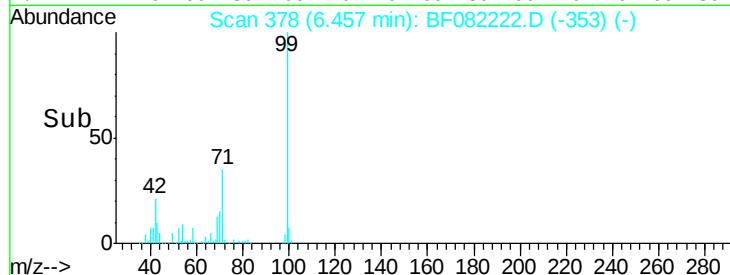
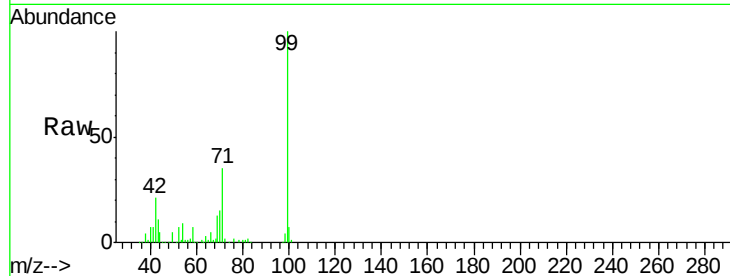


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.68 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082222.D

Acq: 12 Oct 2015 16:01

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-15)

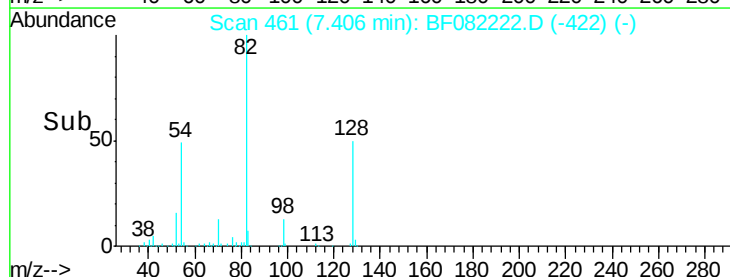
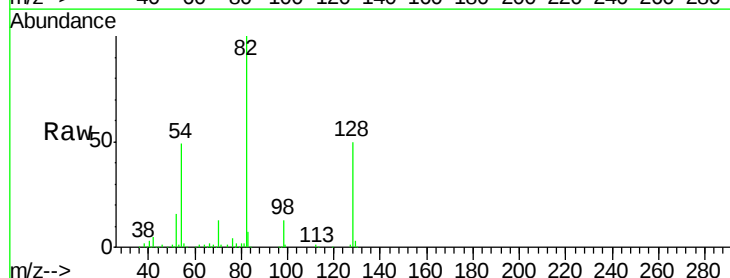
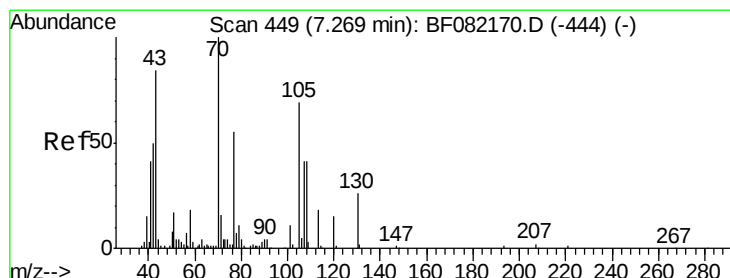
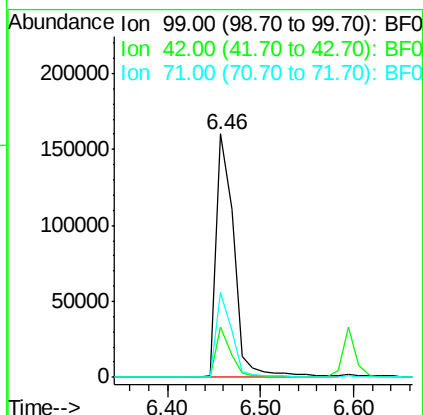
Tot Ion: 99 Resp: 211377

Ion Ratio Lower Upper

99 100

42 20.6 13.2 19.8#

71 34.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.02 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082222.D

Acq: 12 Oct 2015 16:01

Tgt Ion: 70 Resp: 63786

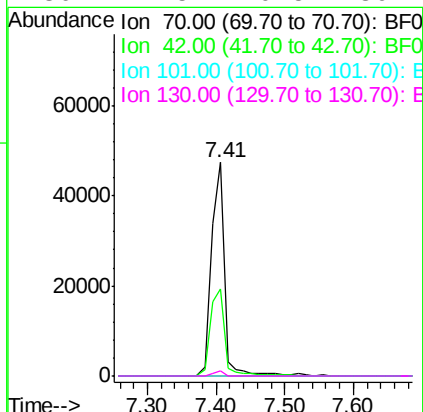
Ion Ratio Lower Upper

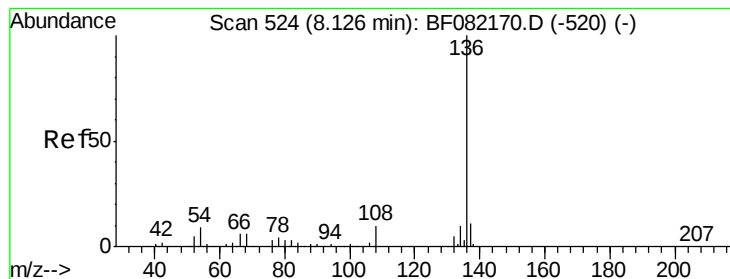
70 100

42 40.9 39.8 59.8

101 0.0 8.6 13.0#

130 2.5 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: BF082222.D

Acq: 12 Oct 2015 16:01

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-15)

Tot Ion:136 Resp: 263403

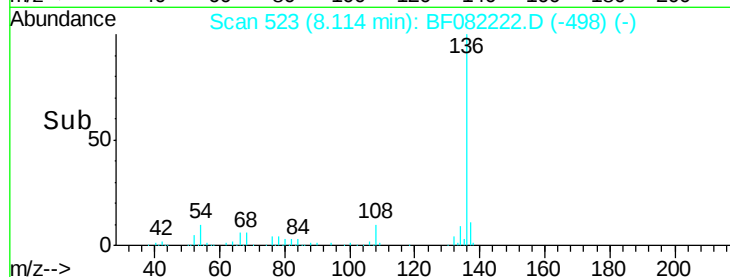
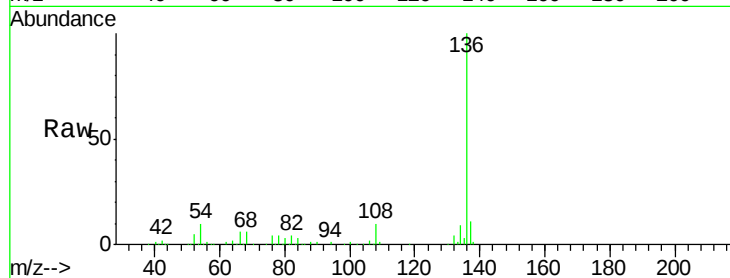
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.5 7.5 11.3

68 6.0 4.6 7.0

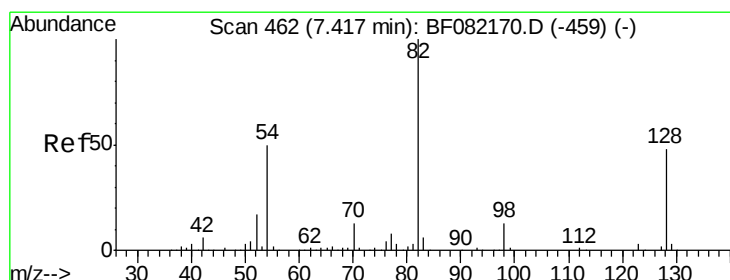
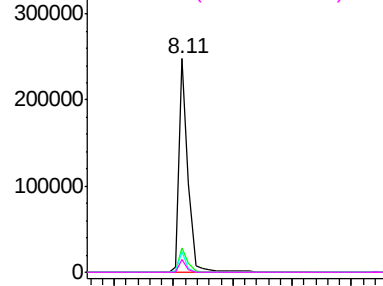


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 123.82 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF082222.D

Acq: 12 Oct 2015 16:01

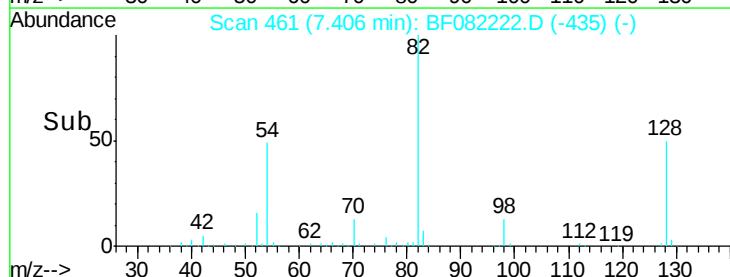
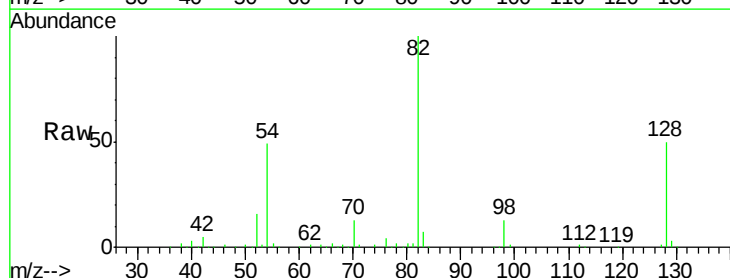
Tgt Ion: 82 Resp: 485642

Ion Ratio Lower Upper

82 100

128 50.2 38.7 58.1

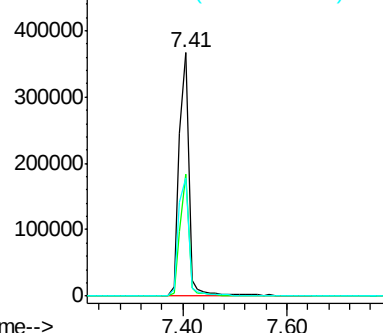
54 48.7 40.1 60.1

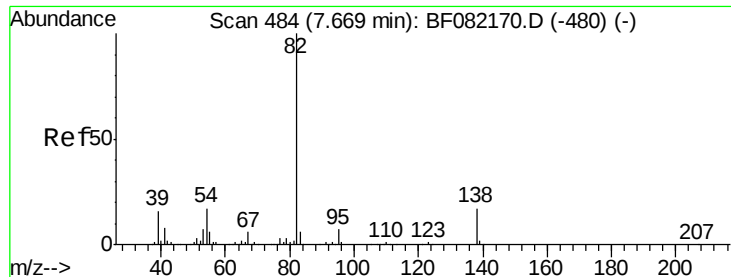


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 59.65 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082222.D

Acq: 12 Oct 2015 16:01

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-15)

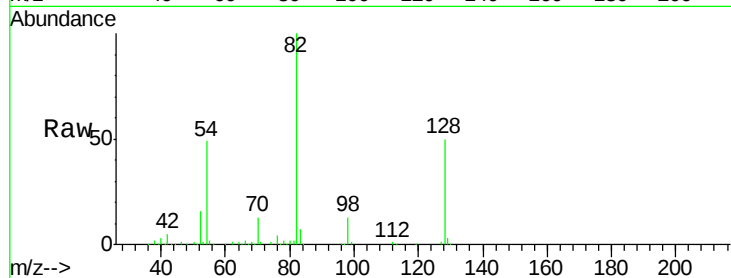
Tot Ion: 82 Resp: 472181

Ion Ratio Lower Upper

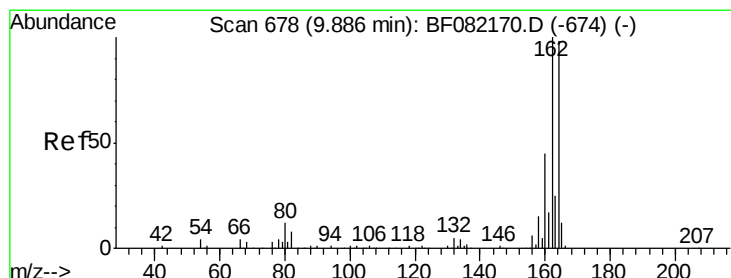
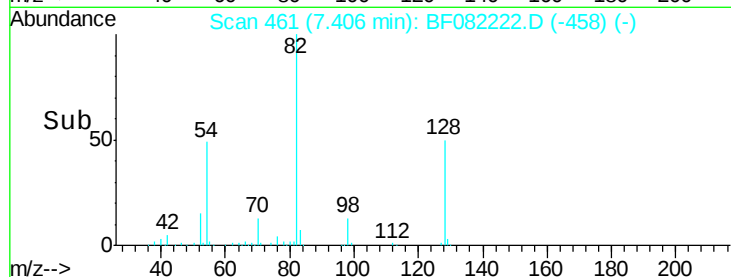
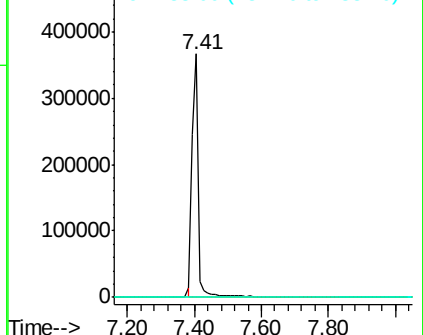
82 100

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: BF082222.D

Acq: 12 Oct 2015 16:01

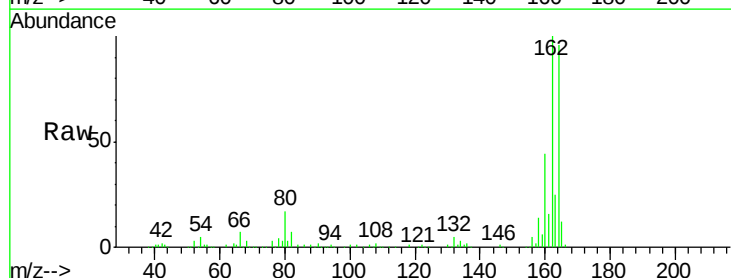
Tgt Ion: 164 Resp: 140704

Ion Ratio Lower Upper

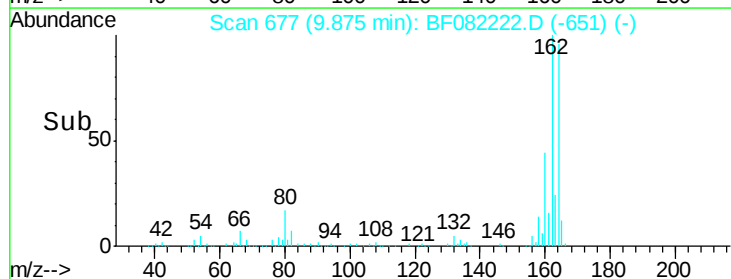
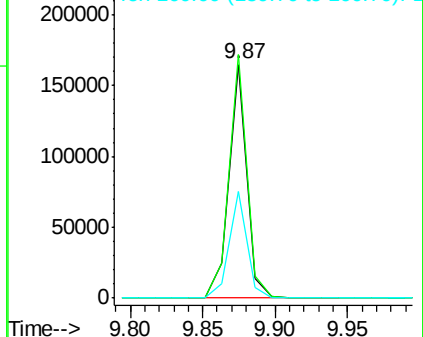
164 100

162 104.2 81.6 122.4

160 45.4 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

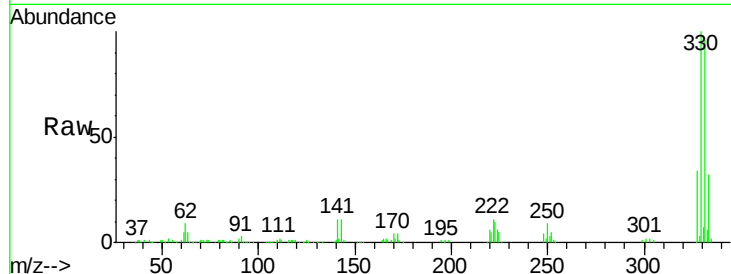




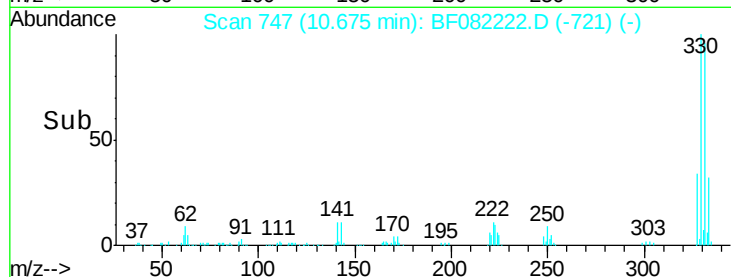
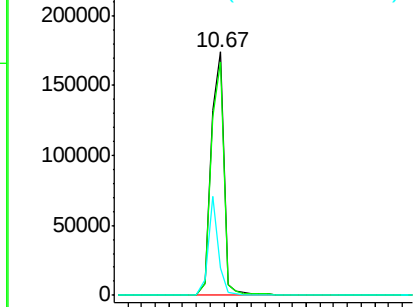
#41
 2,4,6-Tribromophenol
 Concen: 173.42 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082222.D
 Acq: 12 Oct 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-15)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	32.2	29.8	44.8

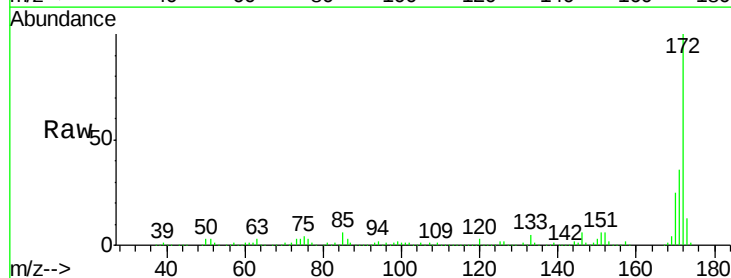


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

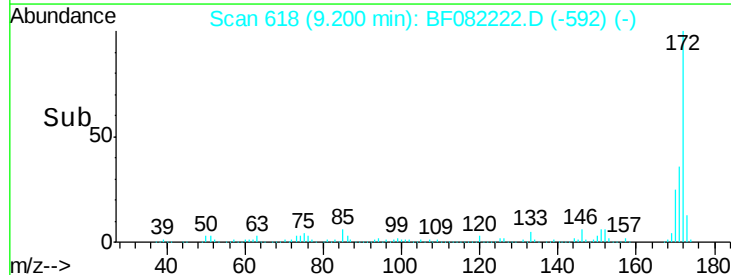
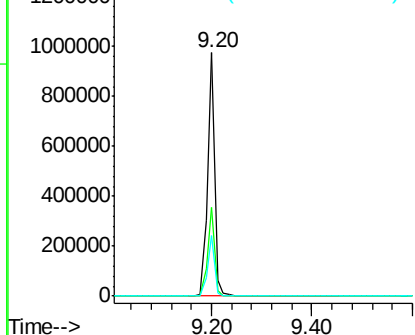


#44
 2-Fluorobiphenyl
 Concen: 112.69 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082222.D
 Acq: 12 Oct 2015 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.7	19.7	29.5



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

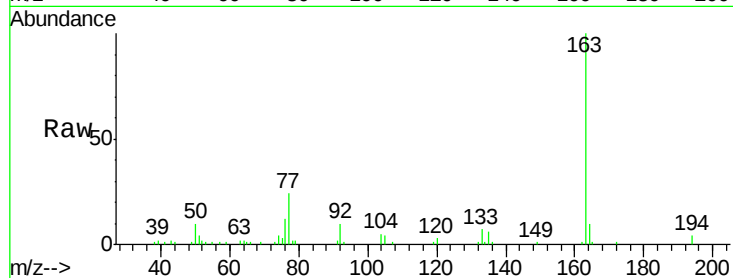




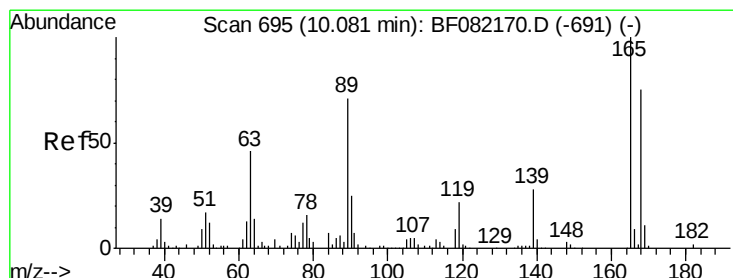
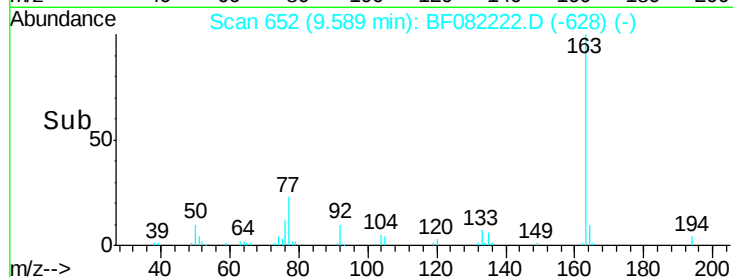
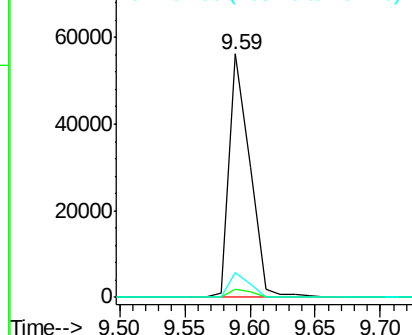
#49
Dimethylphthalate
Concen: 6.26 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082222.D
Acq: 12 Oct 2015 16:01

Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-15)

Tot Ion:163 Resp: 62030
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.5 12.7

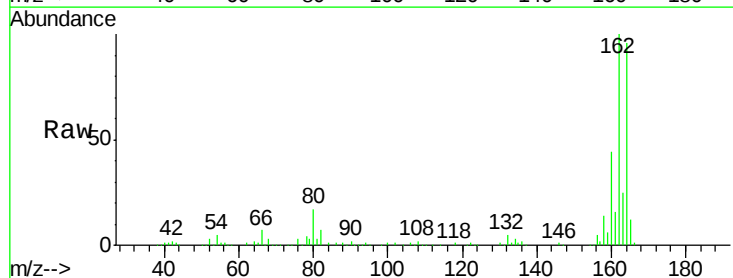


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

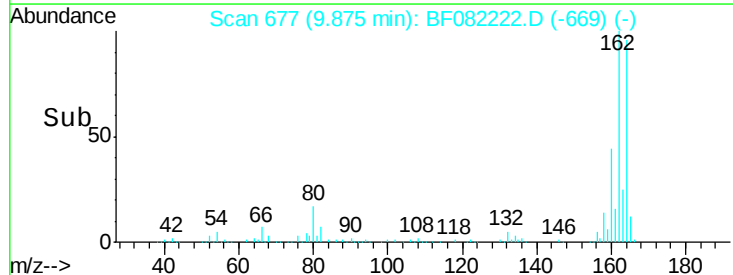
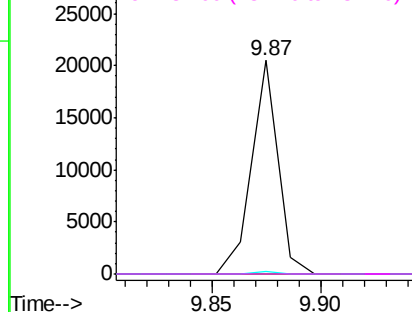


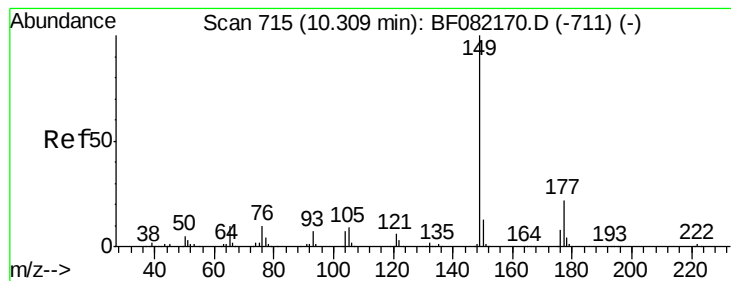
#56
2,4-Dinitrotoluene
Concen: 6.62 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082222.D
Acq: 12 Oct 2015 16:01

Tgt Ion:165 Resp: 17308
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 1.5 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





#59

Diethylphthalate

Concen: 4.74 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082222.D

Acq: 12 Oct 2015 16:01

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-15)

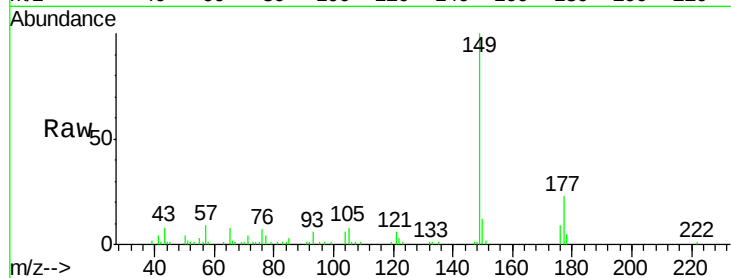
Tot Ion:149 Resp: 43821

Ion Ratio Lower Upper

149 100

177 23.2 17.6 26.4

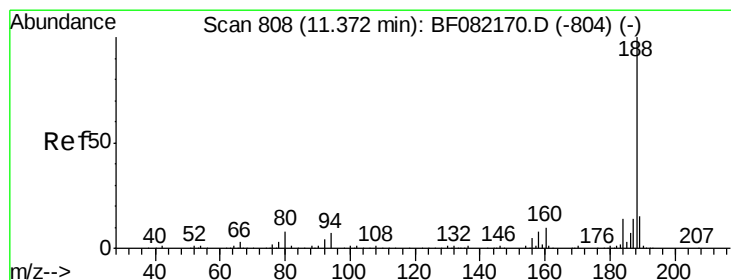
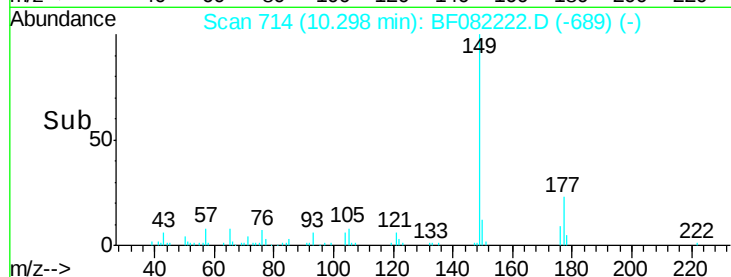
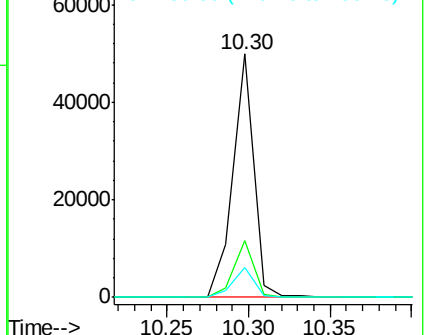
150 12.4 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082222.D

Acq: 12 Oct 2015 16:01

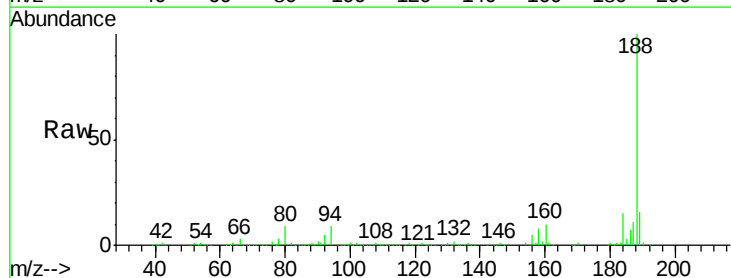
Tgt Ion:188 Resp: 280069

Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

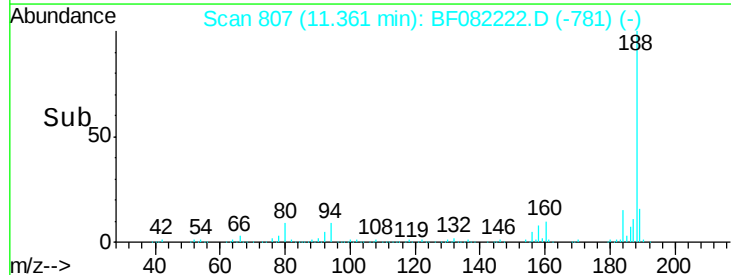
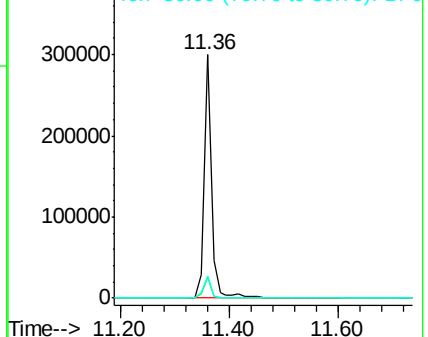
80 9.0 6.4 9.6

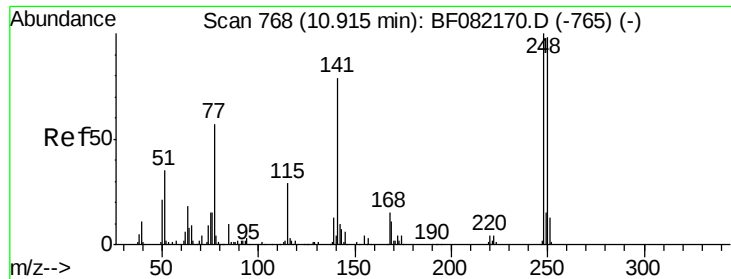


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

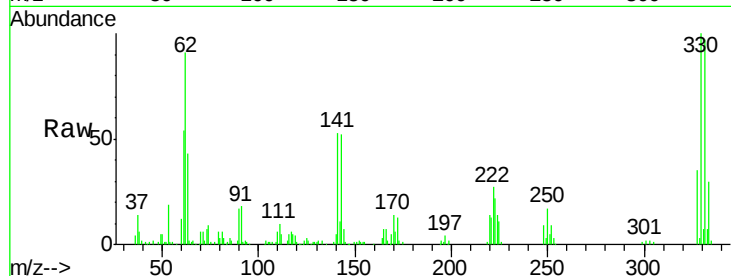




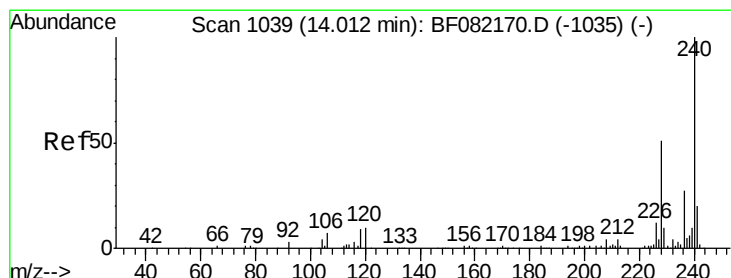
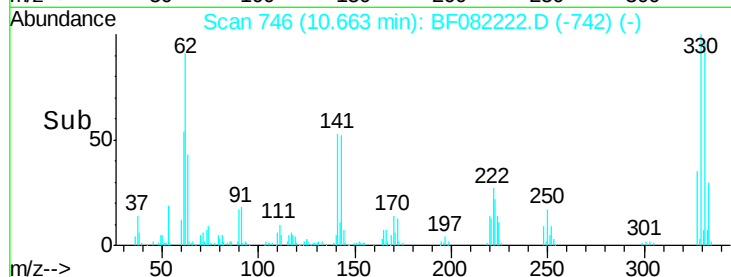
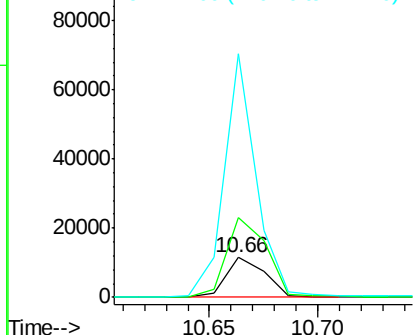
#66
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 10.66 min Scan# 746
Delta R.T. -0.25 min
Lab File: BF082222.D
Acq: 12 Oct 2015 16:01

Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-15)

Tot Ion:248 Resp: 14151
Ion Ratio Lower Upper
248 100
250 201.6 78.6 117.8#
141 615.6 63.3 94.9#

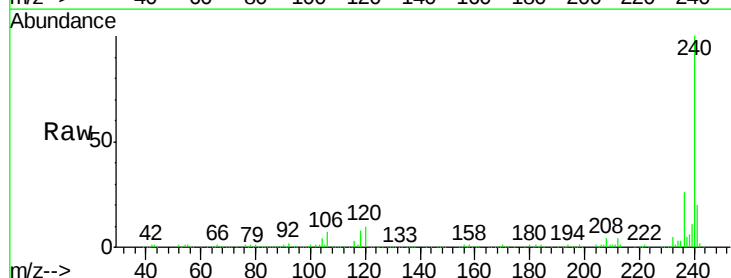


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

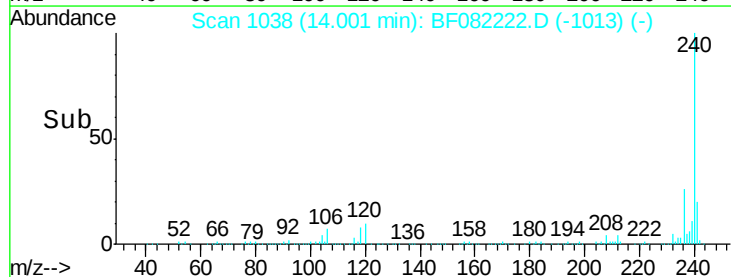
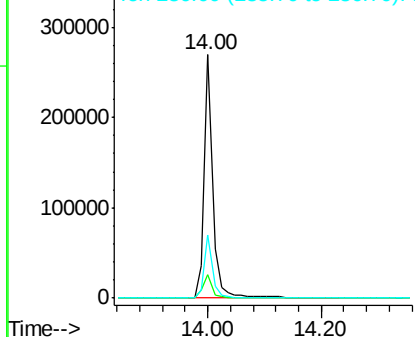


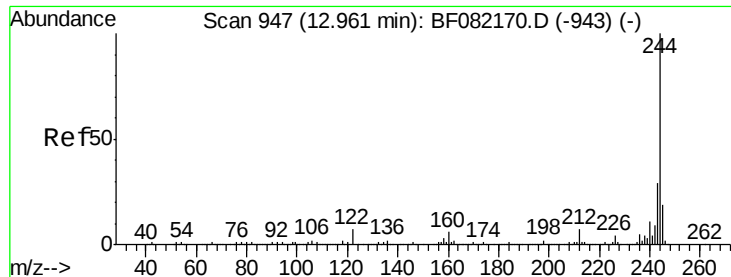
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082222.D
Acq: 12 Oct 2015 16:01

Tgt Ion:240 Resp: 274689
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 26.0 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

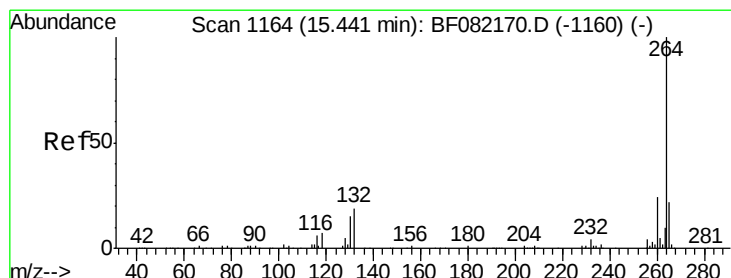
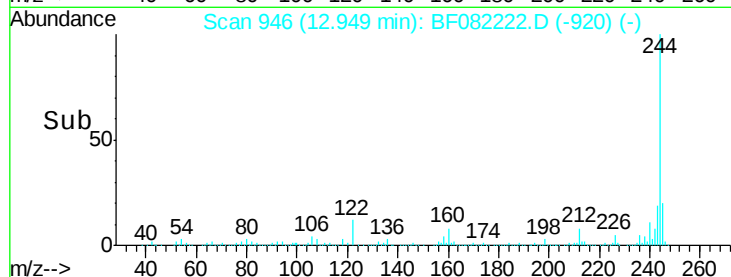
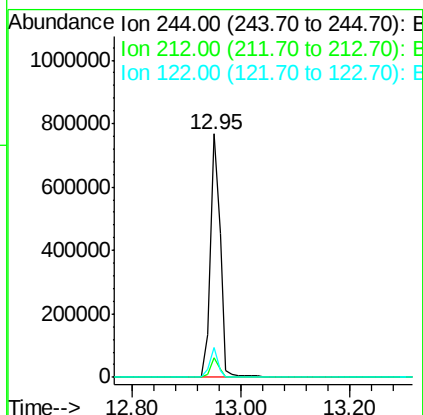
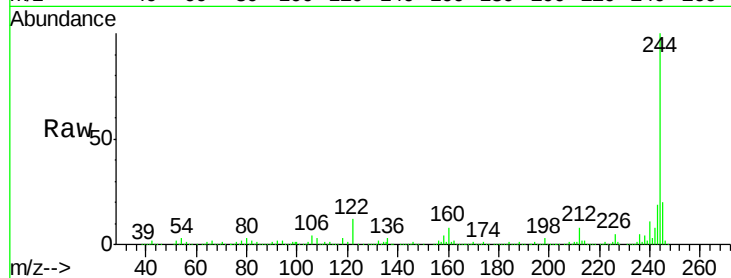




#78
 Terphenyl-d14
 Concen: 94.29 ng
 RT: 12.95 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF082222.D
 Acq: 12 Oct 2015 16:01

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-15)

Tot Ion:244 Resp: 977363
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 12.4 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082222.D
 Acq: 12 Oct 2015 16:01

Tgt Ion:264 Resp: 210683
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.0 17.3 25.9

