

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082230.D
 Acq On : 12 Oct 2015 20:13
 Operator : UM/IZ
 Sample : G3990-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-26)

Quant Time: Oct 13 02:10:11 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

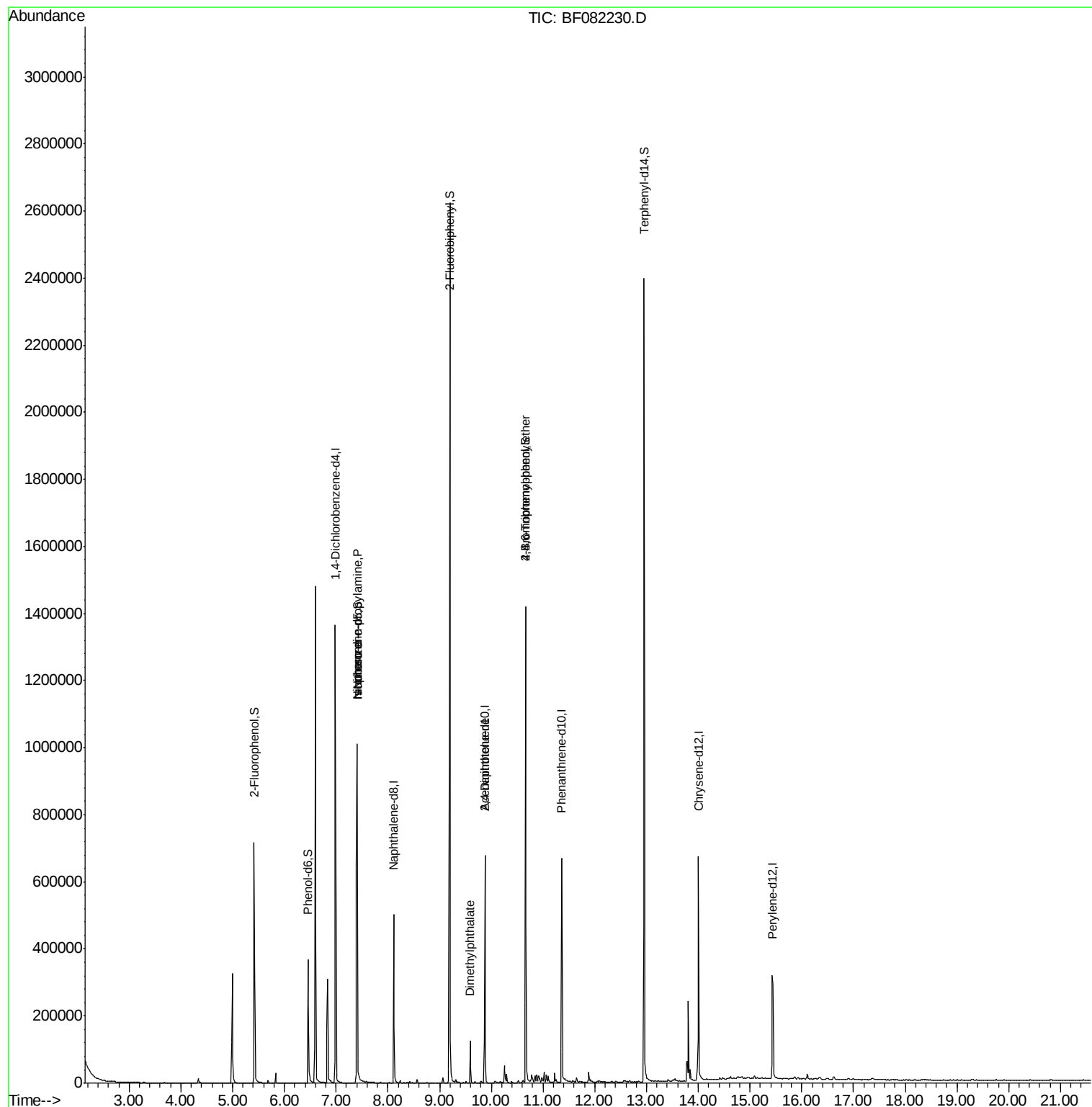
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	260380	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	259653	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	137191	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	273073	20.00	ng	0.00
75) Chrysene-d12	14.00	240	269990	20.00	ng	-0.01
86) Perylene-d12	15.44	264	196384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	233645	18.11	ng	0.00
7) Phenol-d6	6.46	99	177876	10.59	ng	-0.01
23) Nitrobenzene-d5	7.41	82	459267	118.78	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	198890	154.59	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	911481	110.18	ng	0.00
78) Terphenyl-d14	12.95	244	963923	94.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	59512	5.05	ng	# 75
25) Isophorone	7.41	82	444803	57.00	ng	# 66
49) Dimethylphthalate	9.59	163	61362	6.35	ng	100
56) 2,4-Dinitrotoluene	9.87	165	17035	6.69	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	12665	4.63	ng	# 1

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

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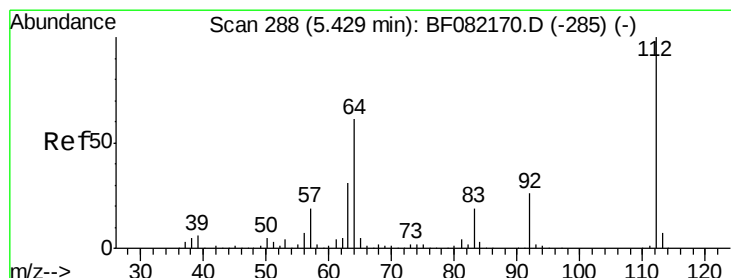
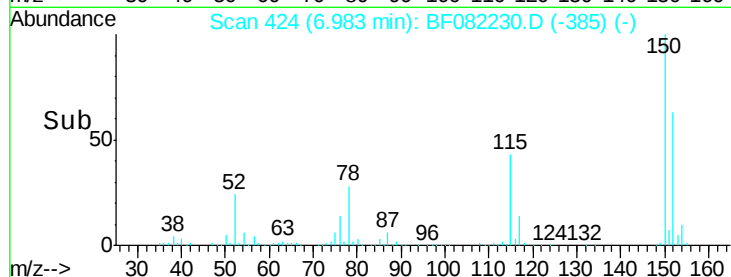
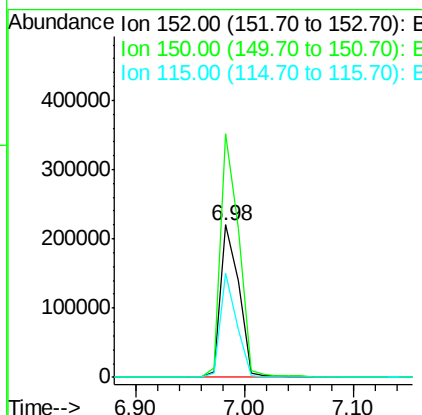
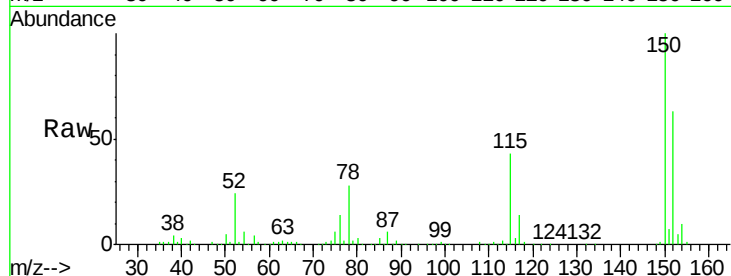




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 424
 Delta R.T. 0.15 min
 Lab File: BF082230.D
 Acq: 12 Oct 2015 20:13

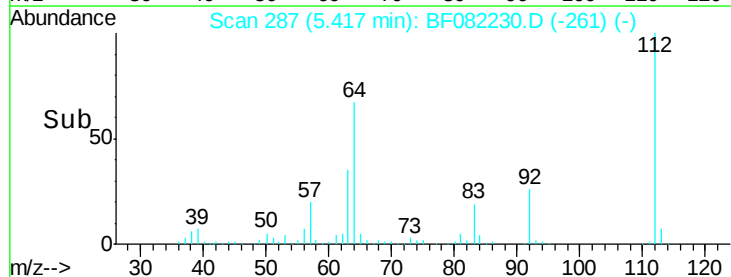
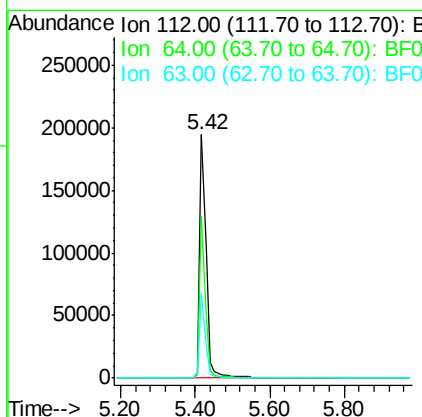
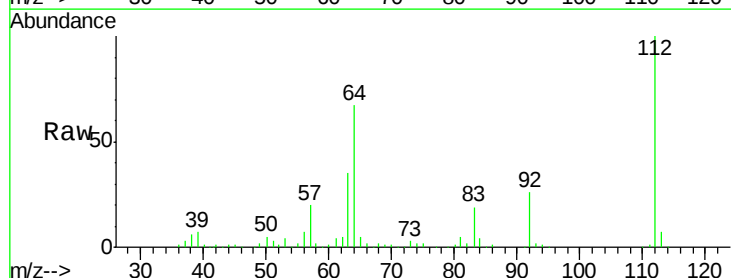
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-26)

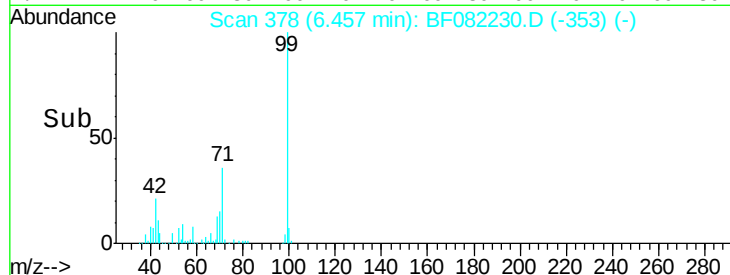
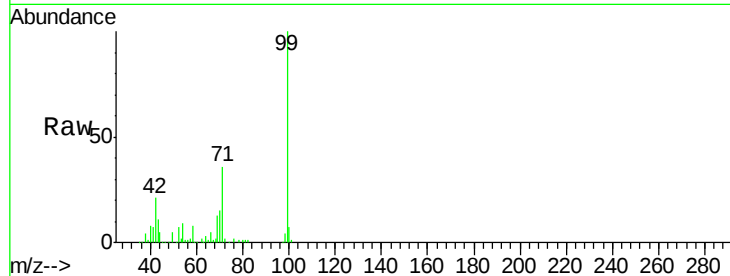
Tot Ion:152 Resp: 260380
 Ion Ratio Lower Upper
 152 100
 150 159.7 129.0 193.4
 115 68.3 52.1 78.1



#5
 2-Fluorophenol
 Concen: 18.11 ng
 RT: 5.42 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: BF082230.D
 Acq: 12 Oct 2015 20:13

Tgt Ion:112 Resp: 233645
 Ion Ratio Lower Upper
 112 100
 64 66.6 48.6 73.0
 63 34.9 25.1 37.7





#7

Phenol-d6

Concen: 10.59 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082230.D

Acq: 12 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-26)

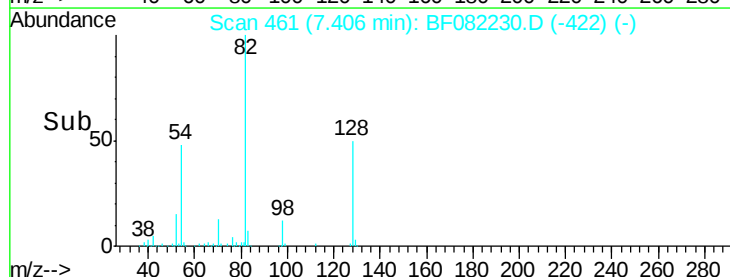
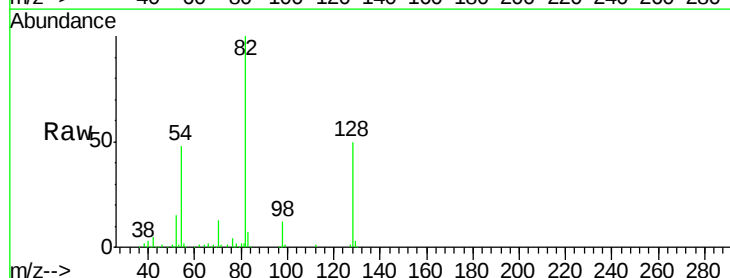
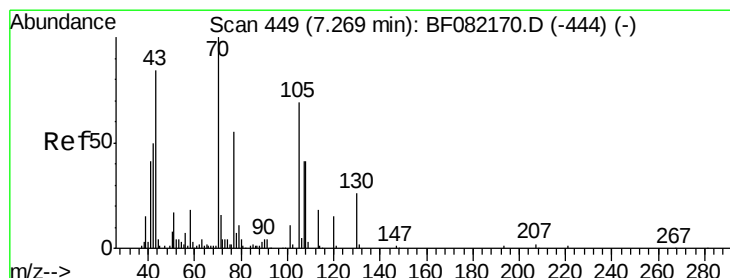
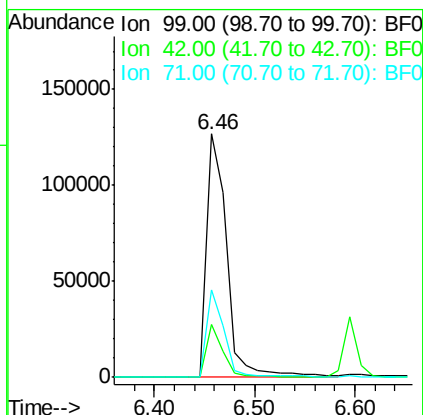
Tot Ion: 99 Resp: 177876

Ion Ratio Lower Upper

99 100

42 21.5 13.2 19.8#

71 35.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 5.05 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082230.D

Acq: 12 Oct 2015 20:13

Tgt Ion: 70 Resp: 59512

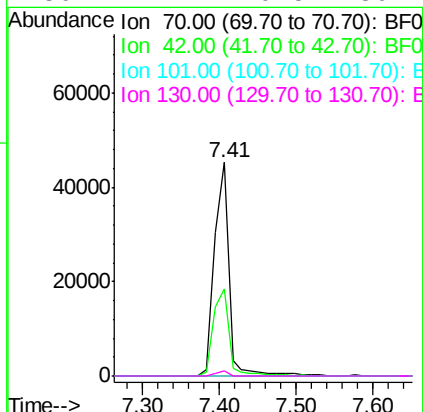
Ion Ratio Lower Upper

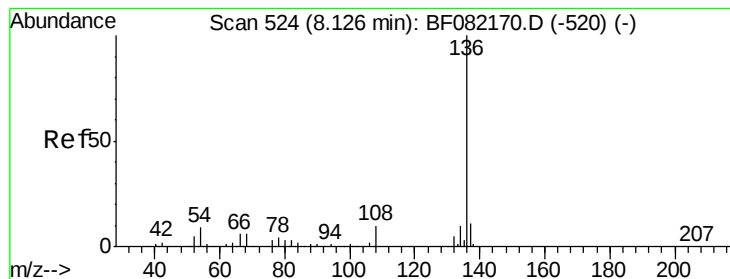
70 100

42 40.9 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: BF082230.D

Acq: 12 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-26)

Tot Ion:136 Resp: 259653

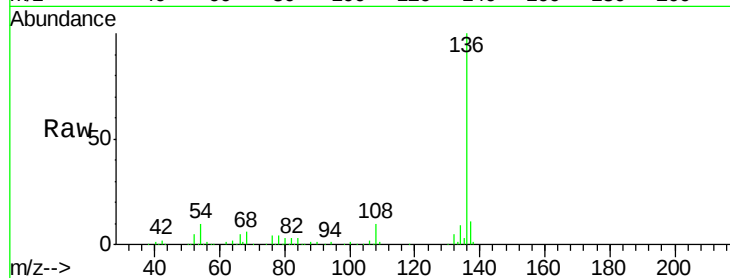
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.7 7.5 11.3

68 6.0 4.6 7.0

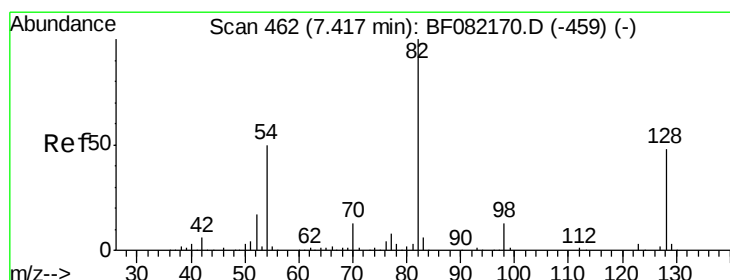
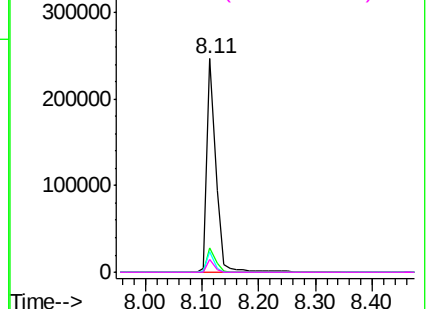
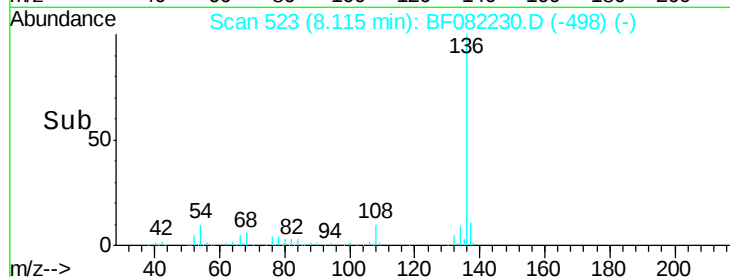


Abundance Ion 136.00 (135.70 to 136.70): E

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: 118.78 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF082230.D

Acq: 12 Oct 2015 20:13

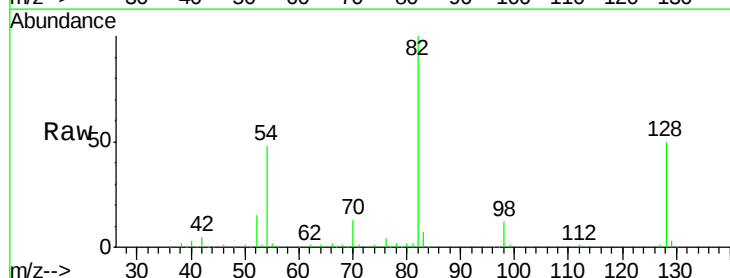
Tgt Ion: 82 Resp: 459267

Ion Ratio Lower Upper

82 100

128 49.8 38.7 58.1

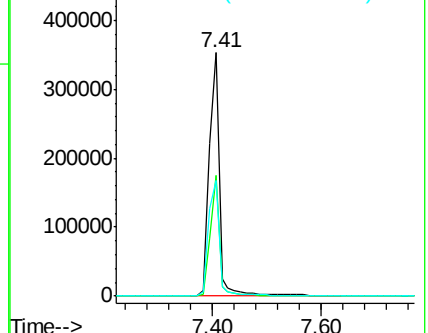
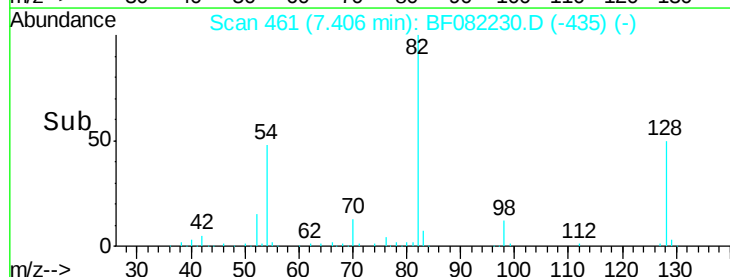
54 47.7 40.1 60.1

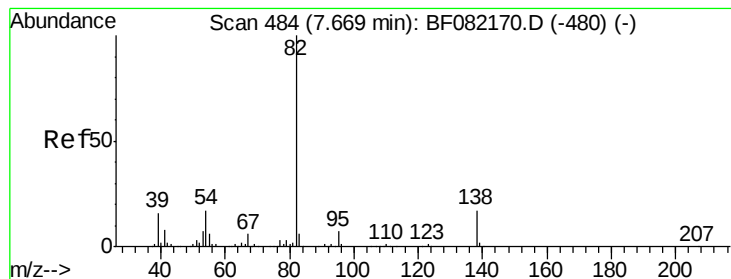


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 57.00 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082230.D

Acq: 12 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-26)

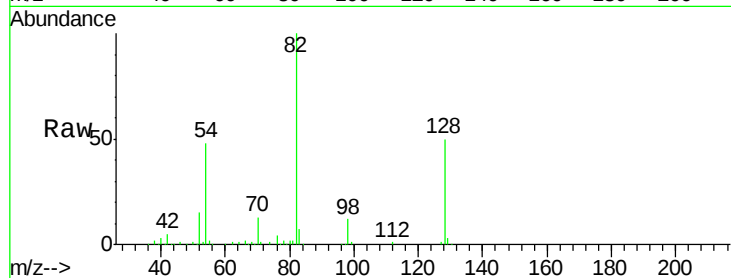
Tot Ion: 82 Resp: 444803

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

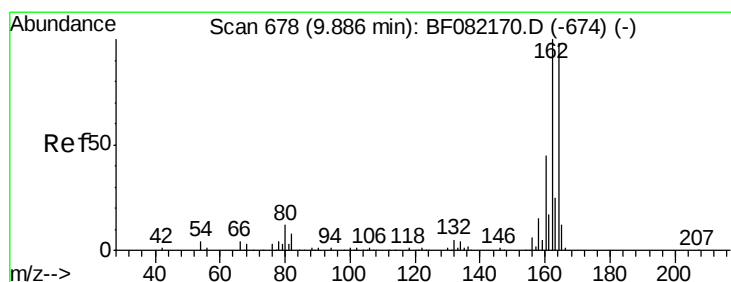
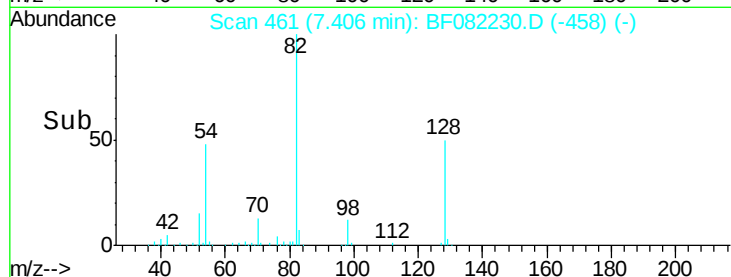
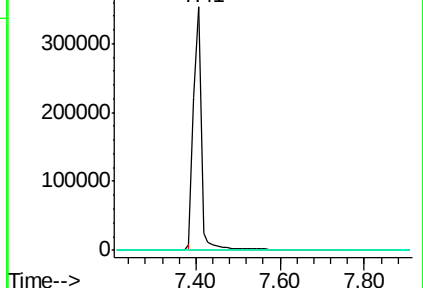
138 0.0 13.6 20.4#



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: BF082230.D

Acq: 12 Oct 2015 20:13

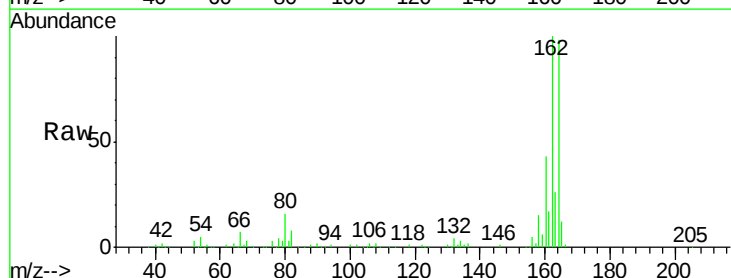
Tgt Ion:164 Resp: 137191

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

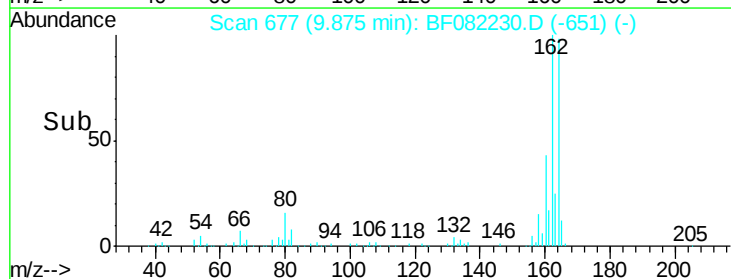
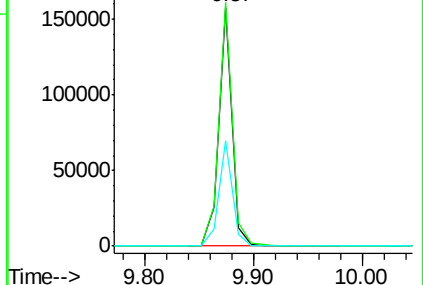
160 44.0 36.4 54.6



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

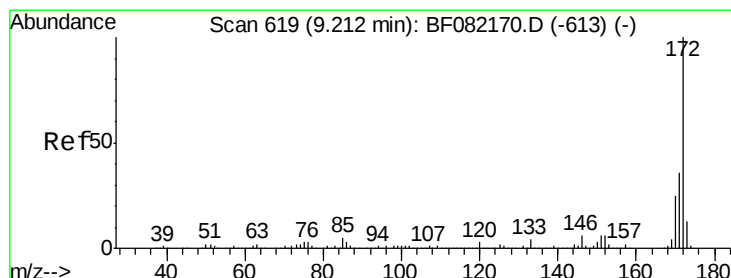
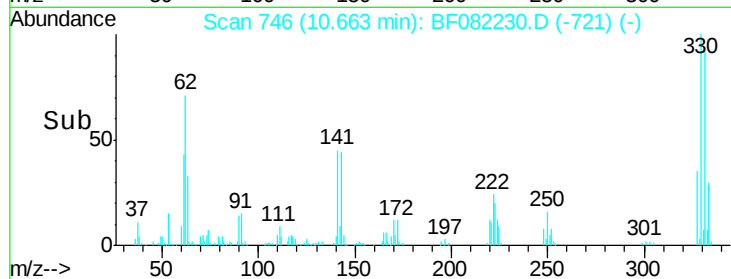
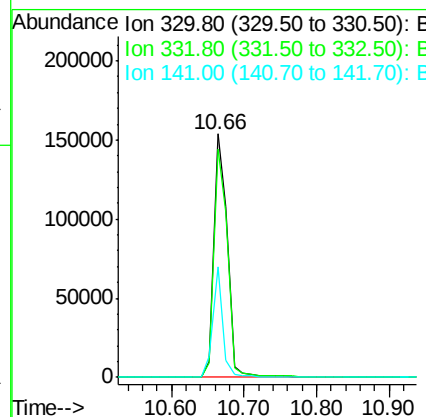
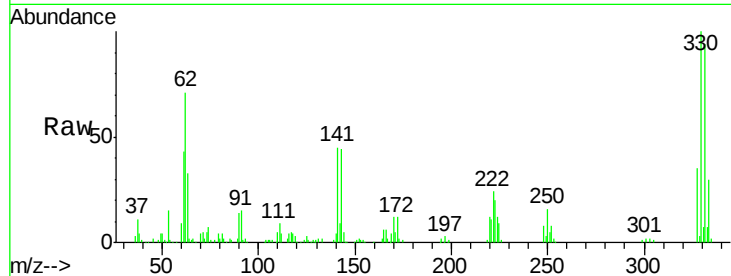




#41
 2,4,6-Tribromophenol
 Concen: 154.59 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082230.D
 Acq: 12 Oct 2015 20:13

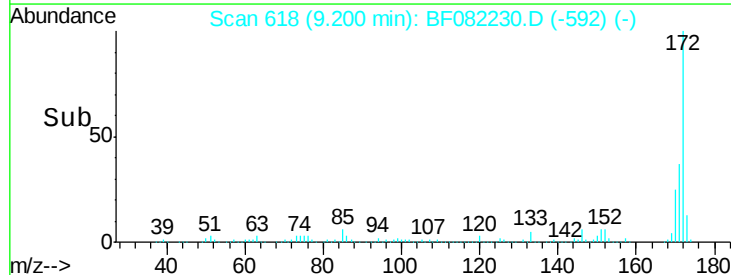
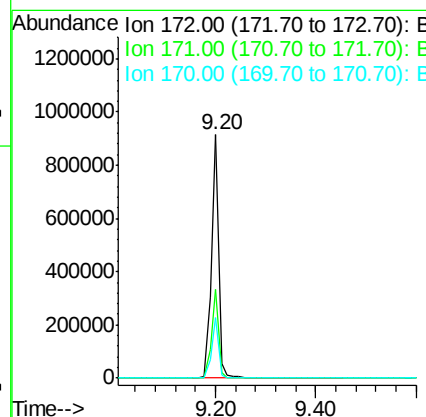
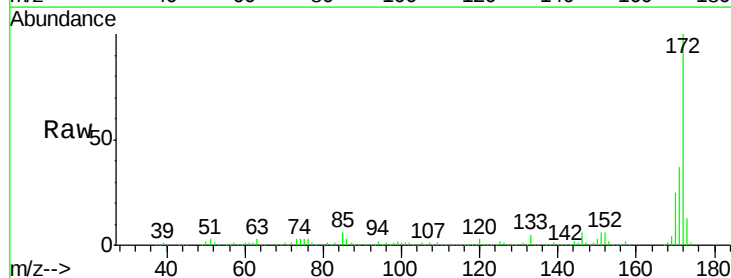
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-26)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.1	115.7
141	33.8	29.8	44.8



#44
 2-Fluorobiphenyl
 Concen: 110.18 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082230.D
 Acq: 12 Oct 2015 20:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	42.8
170	24.9	19.7	29.5

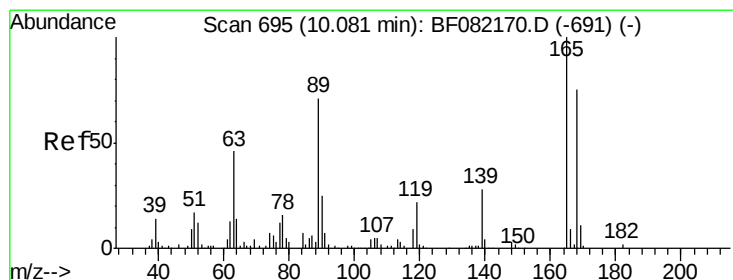
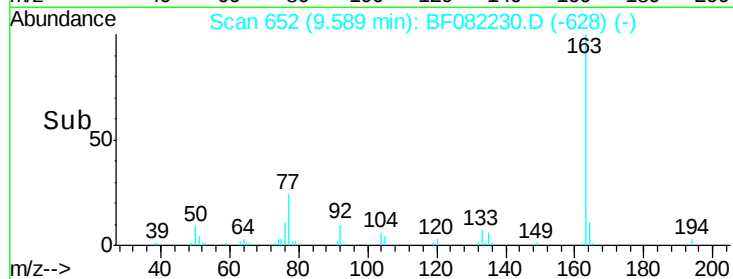
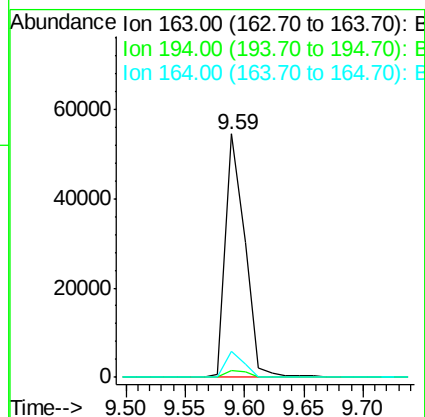
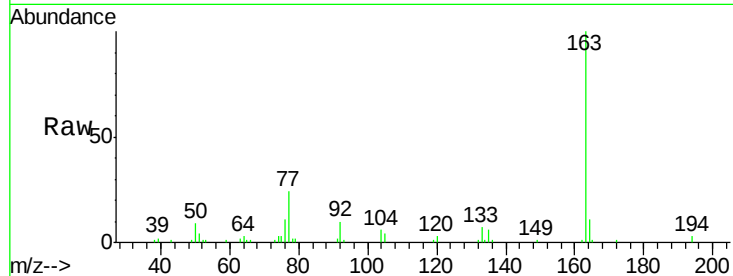




#49
Dimethylphthalate
Concen: 6.35 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082230.D
Acq: 12 Oct 2015 20:13

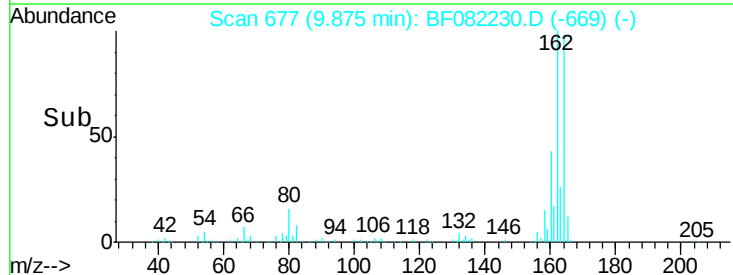
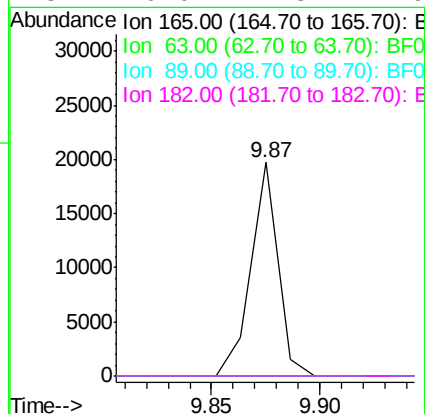
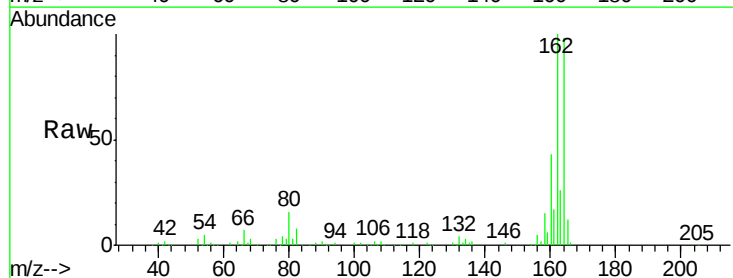
Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-26)

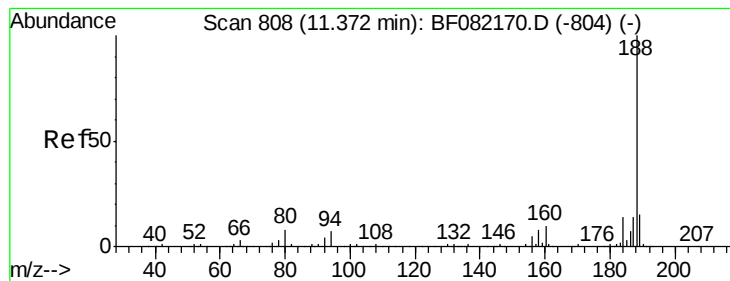
Tot Ion:163 Resp: 61362
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.6 8.5 12.7



#56
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082230.D
Acq: 12 Oct 2015 20:13

Tgt Ion:165 Resp: 17035
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#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082230.D

Acq: 12 Oct 2015 20:13

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-26)

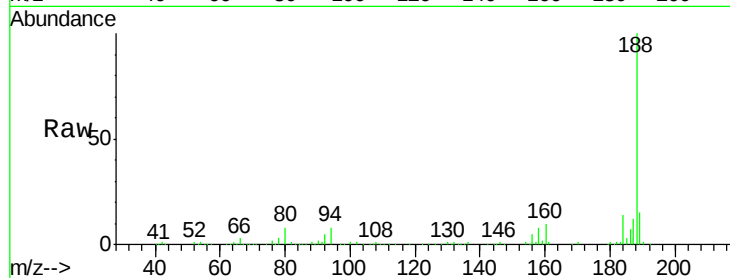
Tot Ion:188 Resp: 273073

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

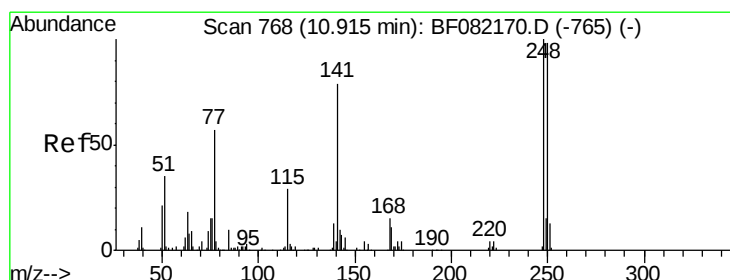
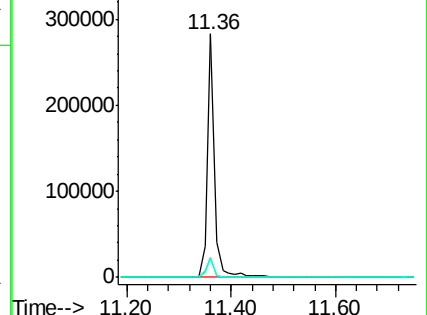
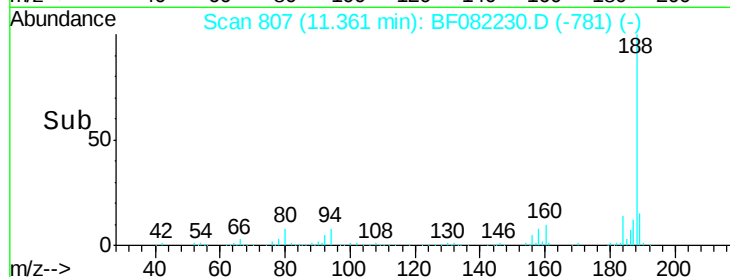
80 8.1 6.4 9.6



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: 4.63 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082230.D

Acq: 12 Oct 2015 20:13

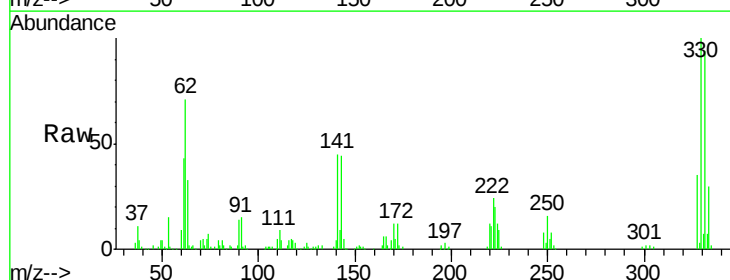
Tgt Ion:248 Resp: 12665

Ion Ratio Lower Upper

248 100

250 198.2 78.6 117.8#

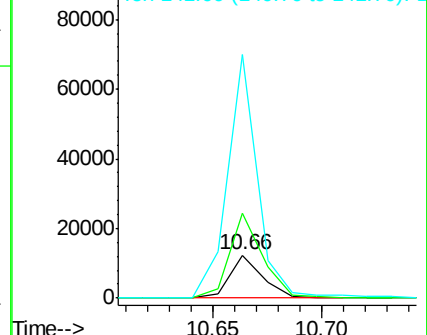
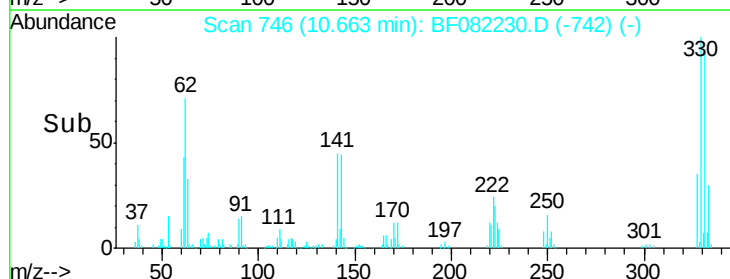
141 564.3 63.3 94.9#

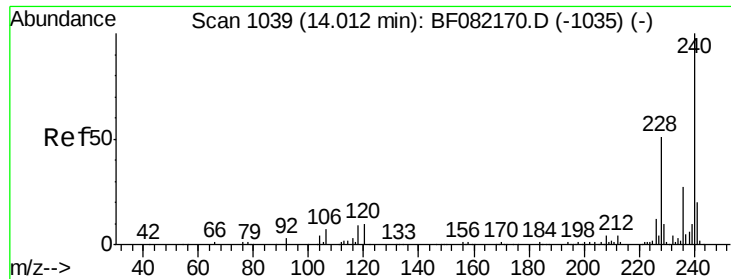


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF082230.D

Acq: 12 Oct 2015 20:13

Instrument :

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ClientSampleId :

TE-PMW(2-26)

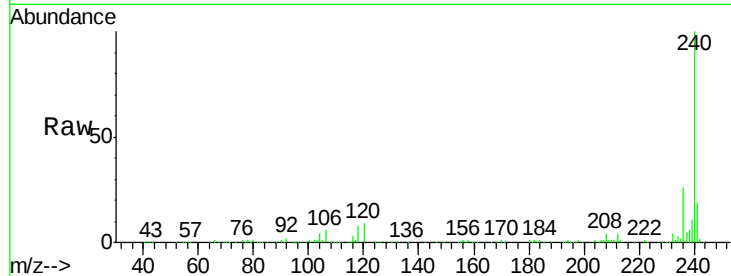
Tot Ion:240 Resp: 269990

Ion Ratio Lower Upper

240 100

120 9.1 8.1 12.1

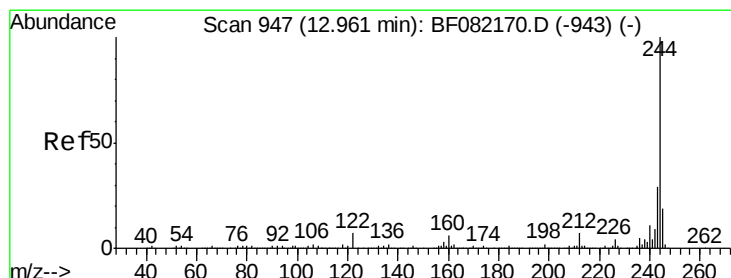
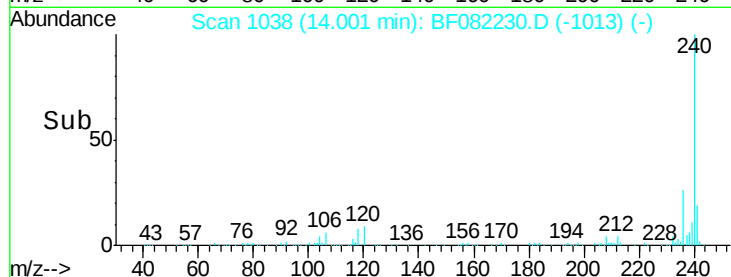
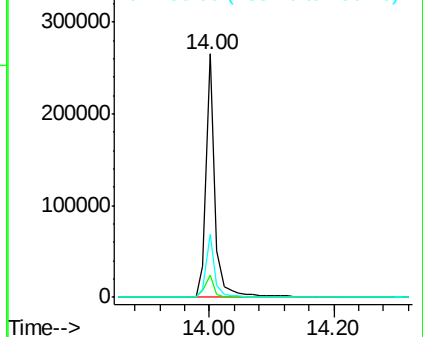
236 26.1 21.3 31.9



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: 94.61 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF082230.D

Acq: 12 Oct 2015 20:13

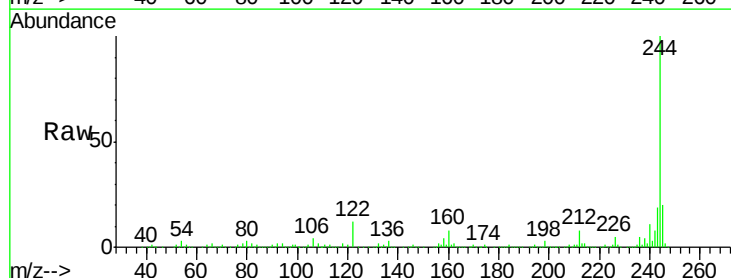
Tgt Ion:244 Resp: 963923

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

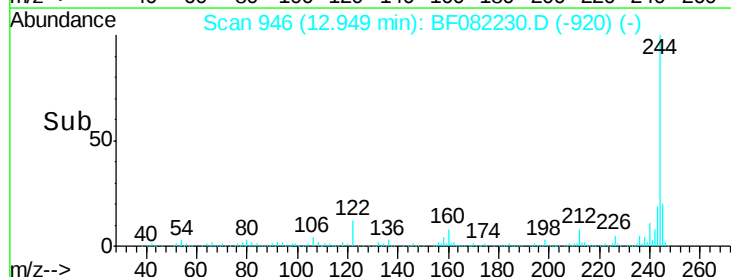
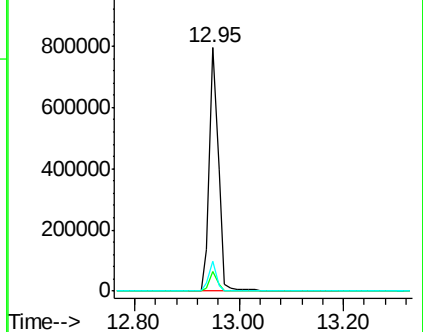
122 12.0 5.9 8.9#

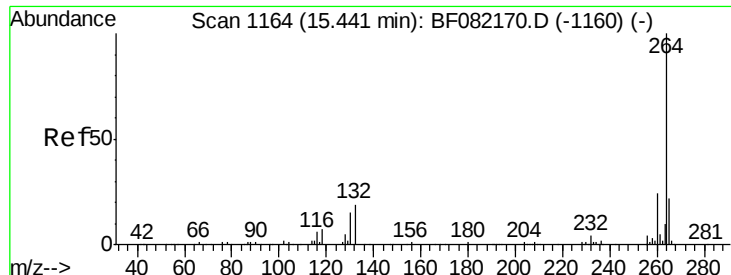


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



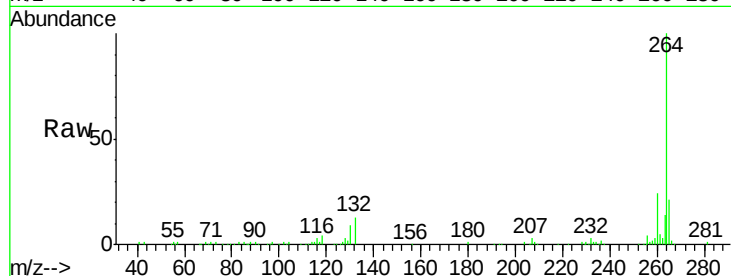


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082230.D
Acq: 12 Oct 2015 20:13

Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-26)

Tot Ion:264 Resp: 196384

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.1	17.3	25.9



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

