

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082232.D
 Acq On : 12 Oct 2015 21:14
 Operator : UM/IZ
 Sample : G3990-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-17A)

Quant Time: Oct 13 02:10:39 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

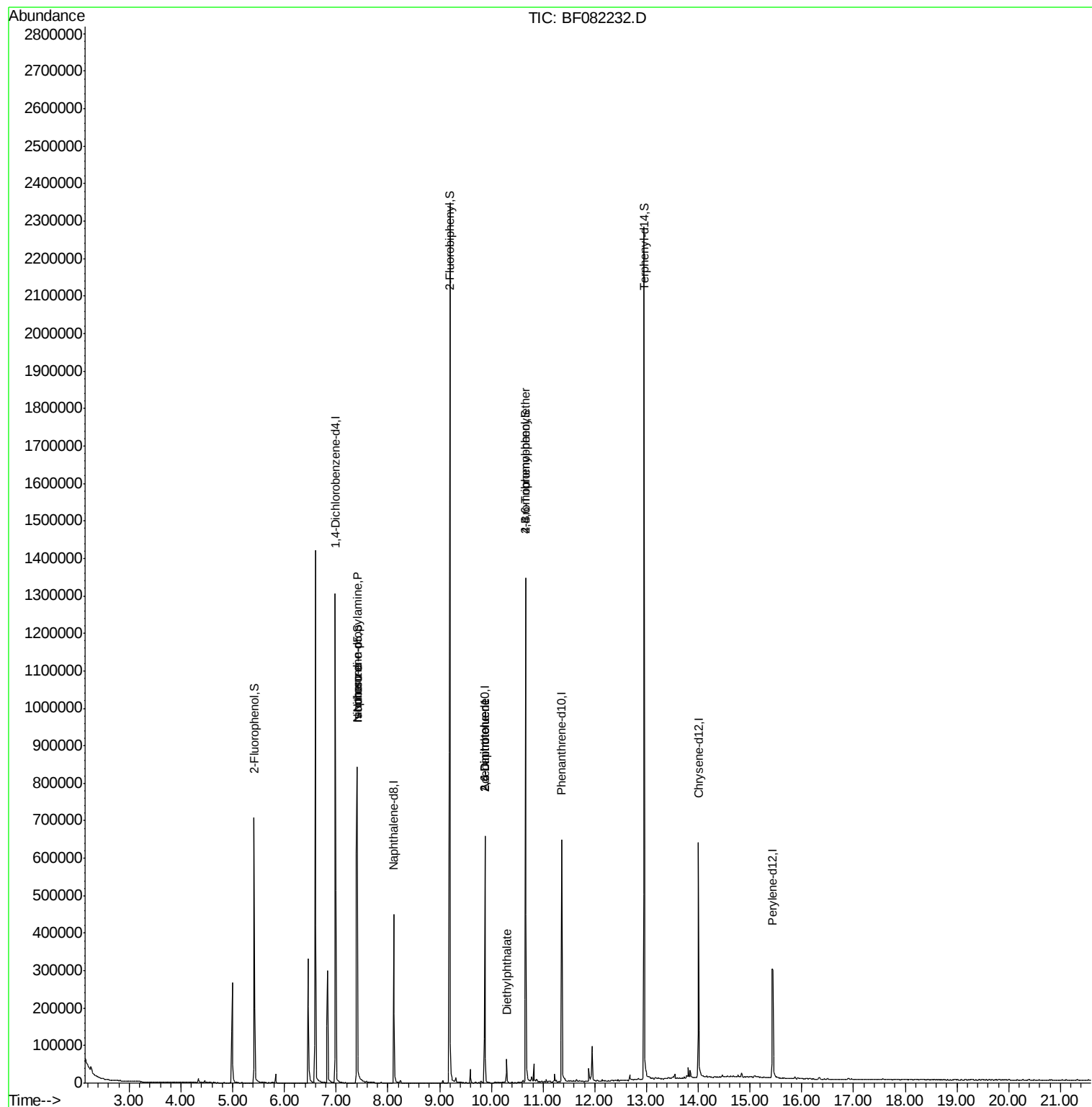
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	233393	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	244954	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	131335	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	263606	20.00	ng	0.00
75) Chrysene-d12	14.00	240	255275	20.00	ng	-0.01
86) Perylene-d12	15.44	264	194243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	210991	18.25	ng	0.00
7) Phenol-d6	6.59	99	5132	0.34	ng	0.13
23) Nitrobenzene-d5	7.41	82	409542	112.28	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	185396	150.52	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	837442	105.74	ng	0.00
78) Terphenyl-d14	12.95	244	826401	85.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	52273	4.95	ng	# 76
25) Isophorone	7.41	82	401162	54.49	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	16824	8.62	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	16824	6.90	ng	# 21
59) Diethylphthalate	10.30	149	25856	3.00	ng	97
66) 4-Bromophenyl-phenylether	10.66	248	12176	4.62	ng	# 1

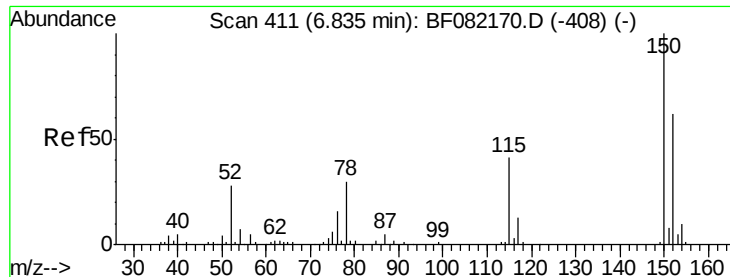
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 13 02:05:16 2015
Response via : Initial Calibration



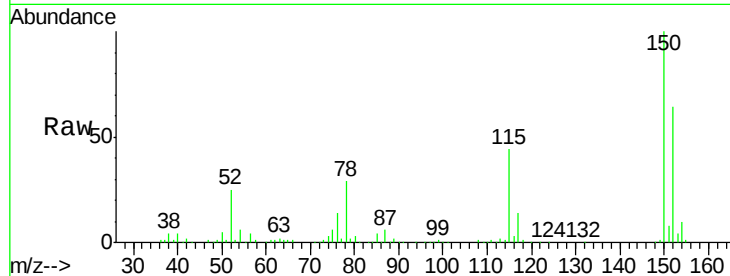


#1

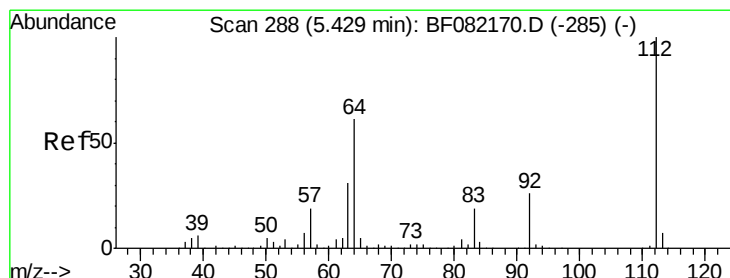
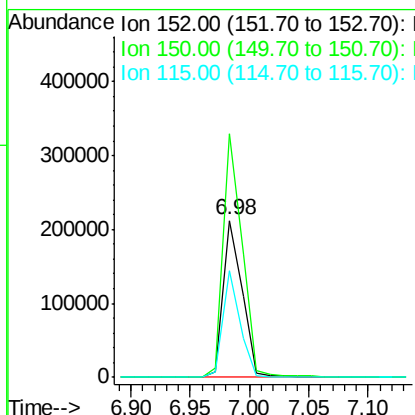
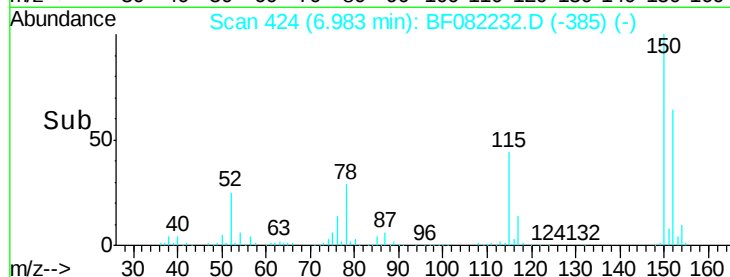
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.15 min
Lab File: BF082232.D
Acq: 12 Oct 2015 21:14

Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-17A)

Tot Ion:152 Resp: 233393
Ion Ratio Lower Upper
152 100
150 155.1 129.0 193.4
115 68.2 52.1 78.1



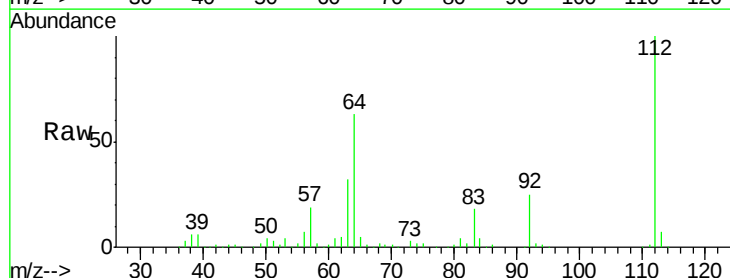
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



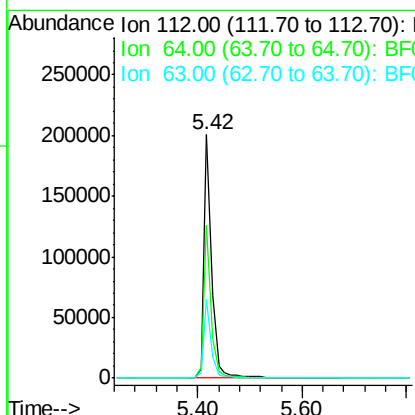
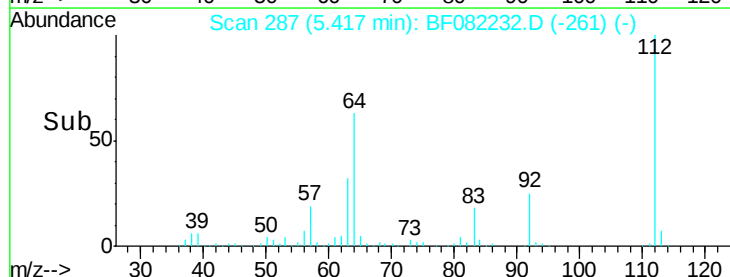
#5

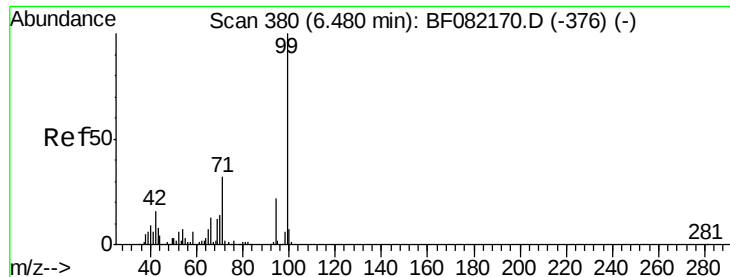
2-Fluorophenol
Concen: 18.25 ng
RT: 5.42 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF082232.D
Acq: 12 Oct 2015 21:14

Tgt Ion:112 Resp: 210991
Ion Ratio Lower Upper
112 100
64 62.6 48.6 73.0
63 32.5 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: 0.34 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.13 min

Lab File: BF082232.D

Acq: 12 Oct 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-17A)

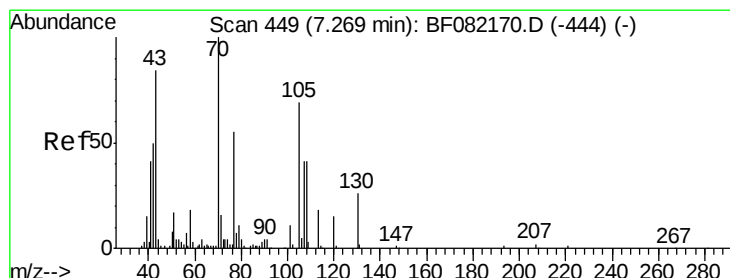
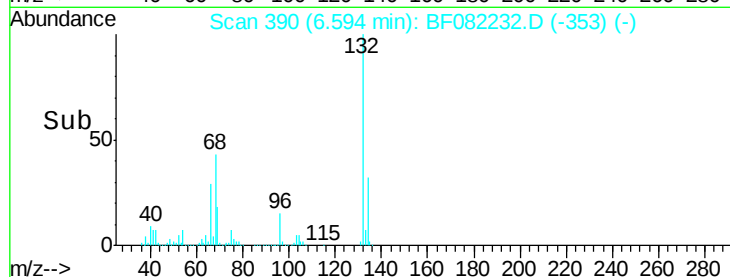
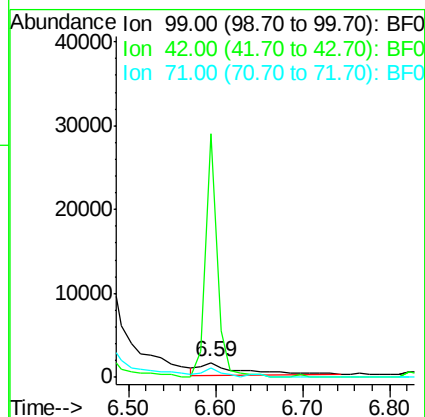
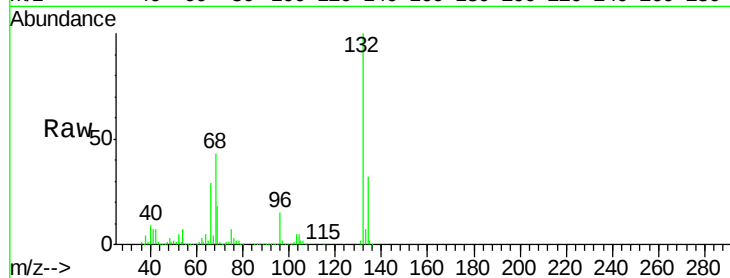
Tot Ion: 99 Resp: 5132

Ion Ratio Lower Upper

99 100

42 1653.8 13.2 19.8#

71 67.2 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 4.95 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082232.D

Acq: 12 Oct 2015 21:14

Tgt Ion: 70 Resp: 52273

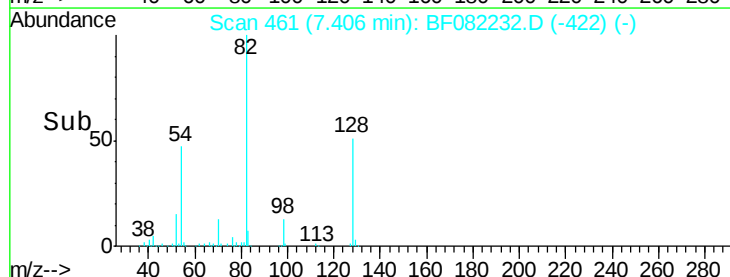
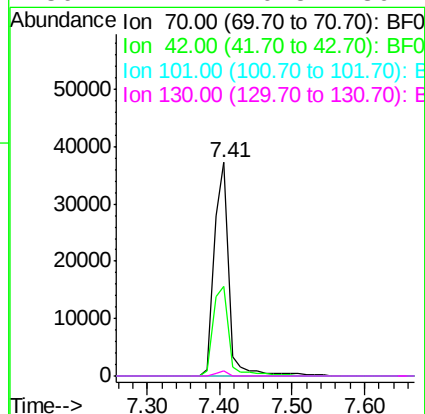
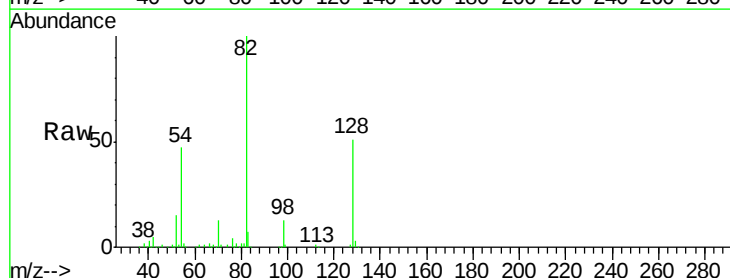
Ion Ratio Lower Upper

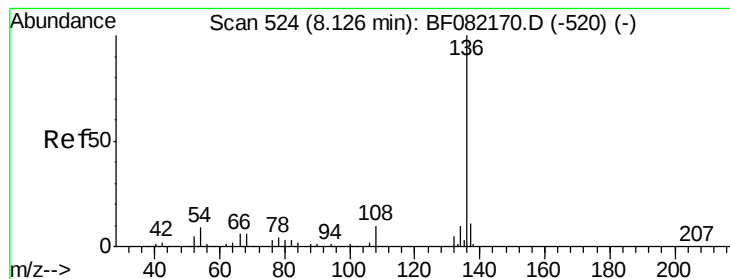
70 100

42 42.0 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: BF082232.D

Acq: 12 Oct 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-17A)

Tot Ion:136 Resp: 244954

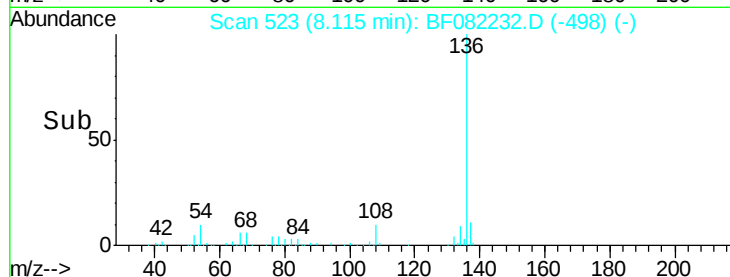
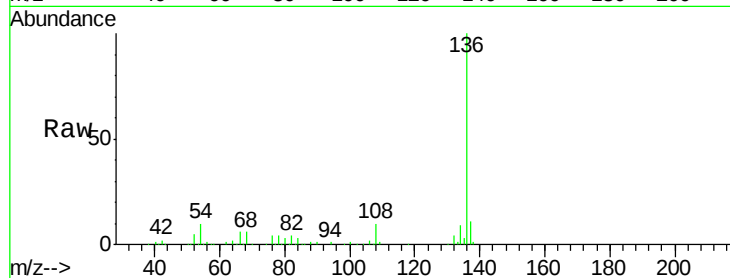
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 9.9 7.5 11.3

68 6.4 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-->

8.00 8.10 8.20 8.30

300000

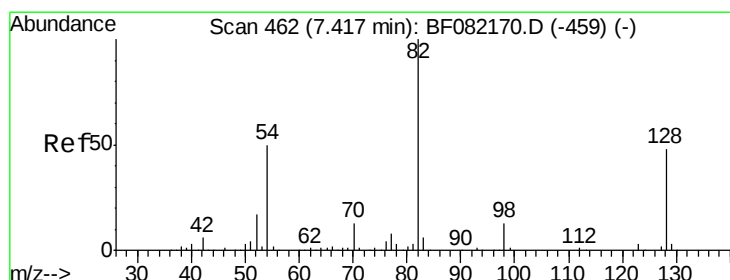
200000

100000

0

8.11

Time-->



#23

Nitrobenzene-d5

Concen: 112.28 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF082232.D

Acq: 12 Oct 2015 21:14

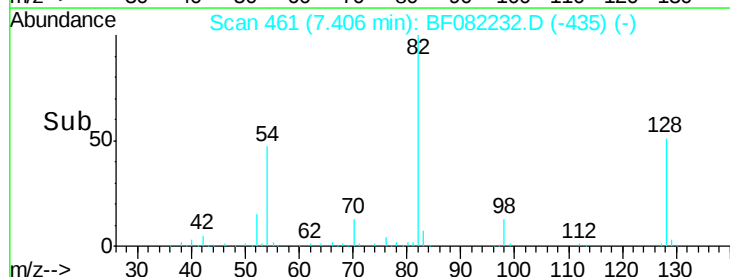
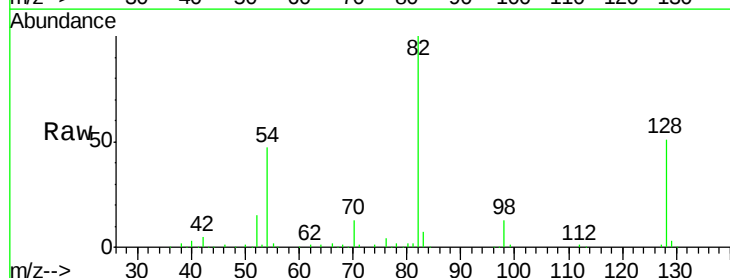
Tgt Ion: 82 Resp: 409542

Ion Ratio Lower Upper

82 100

128 50.6 38.7 58.1

54 47.3 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-->

7.40 7.60

400000

300000

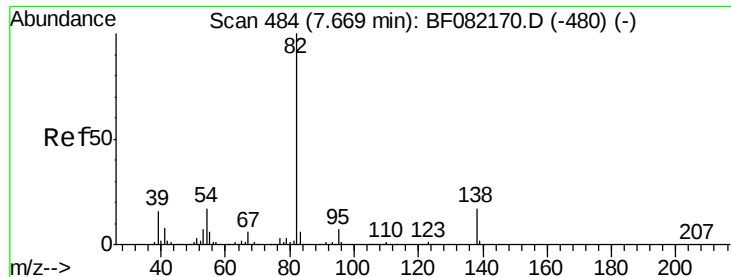
200000

100000

0

7.41

Time-->



#25

Isophorone

Concen: 54.49 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082232.D

Acq: 12 Oct 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-17A)

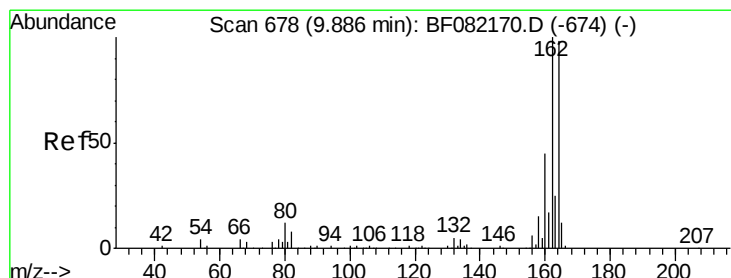
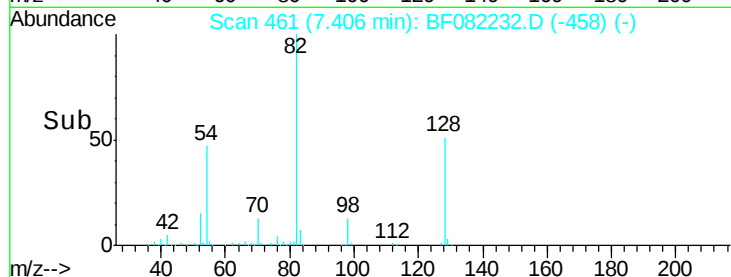
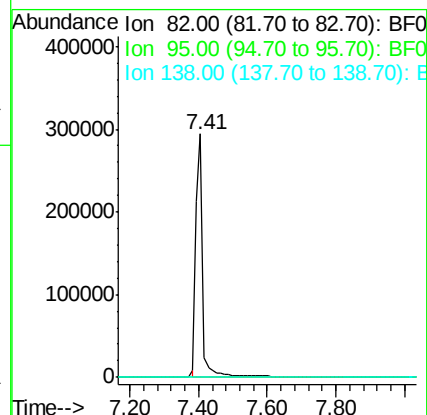
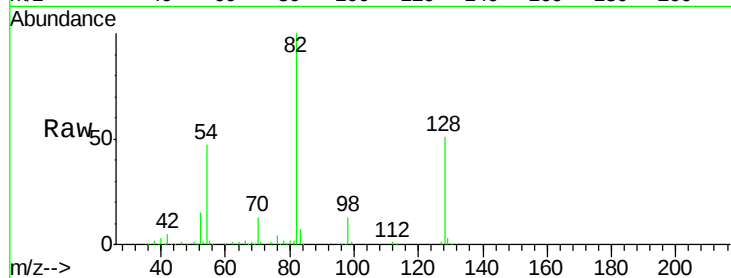
Tot Ion: 82 Resp: 401162

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082232.D

Acq: 12 Oct 2015 21:14

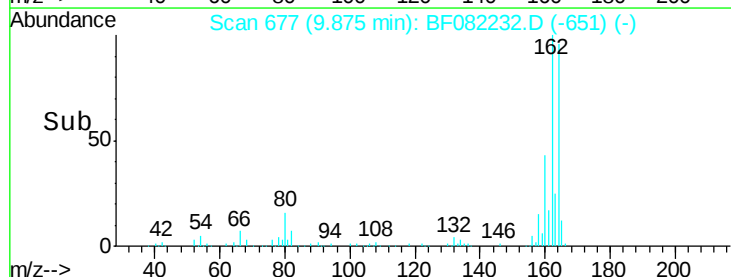
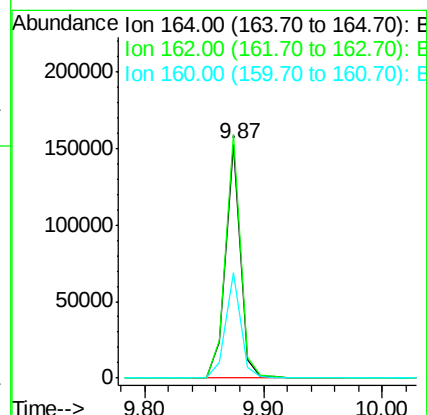
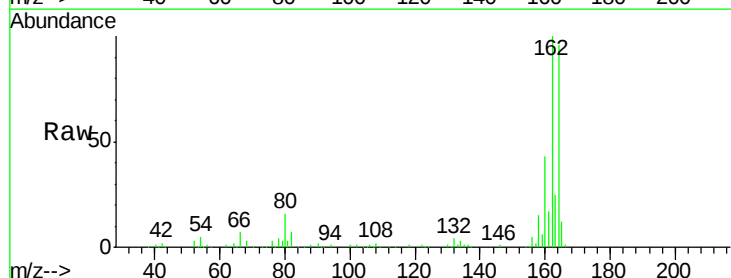
Tgt Ion: 164 Resp: 131335

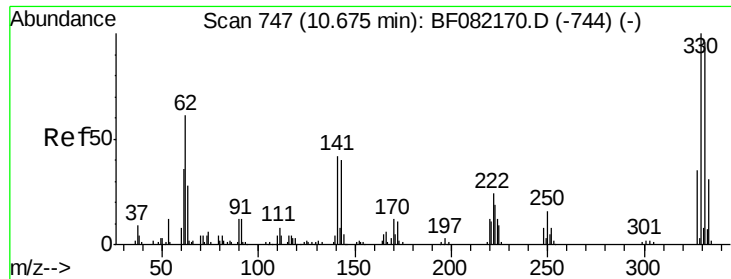
Ion Ratio Lower Upper

164 100

162 104.2 81.6 122.4

160 45.1 36.4 54.6

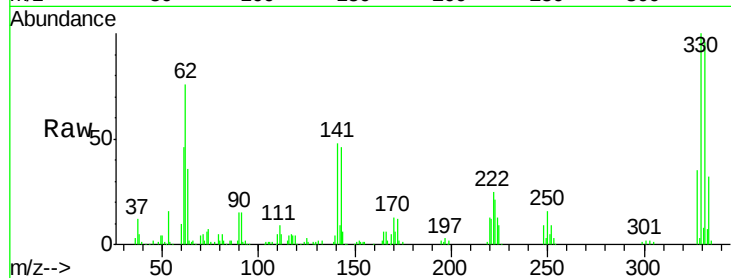




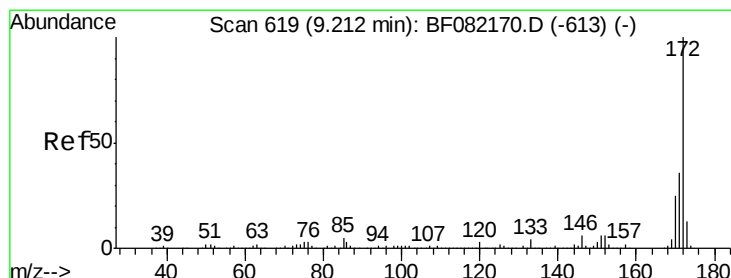
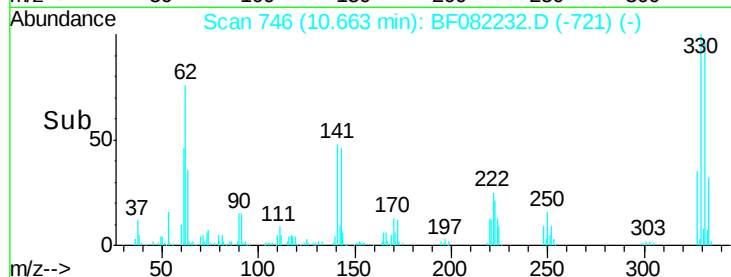
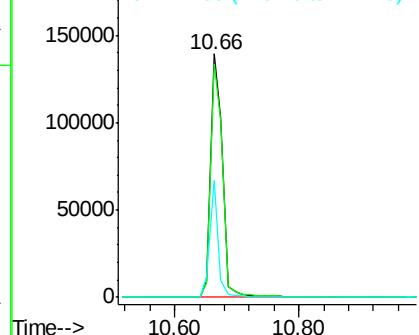
#41
 2,4,6-Tribromophenol
 Concen: 150.52 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082232.D
 Acq: 12 Oct 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-17A)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	34.5	29.8	44.8

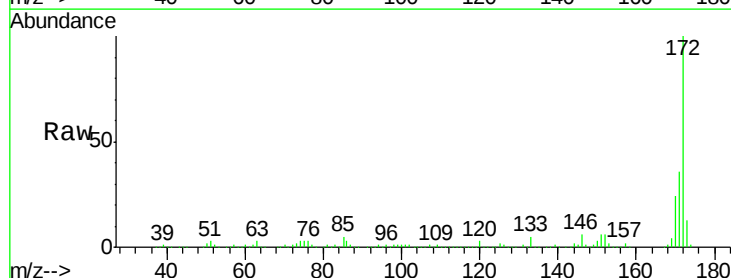


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

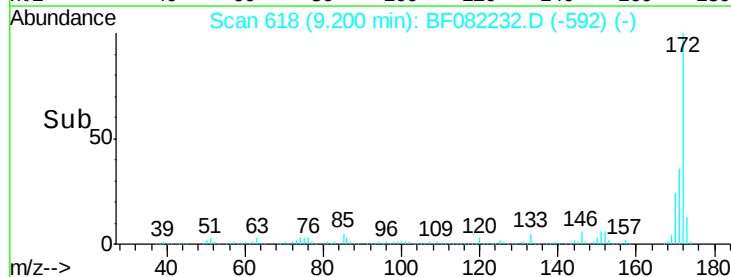
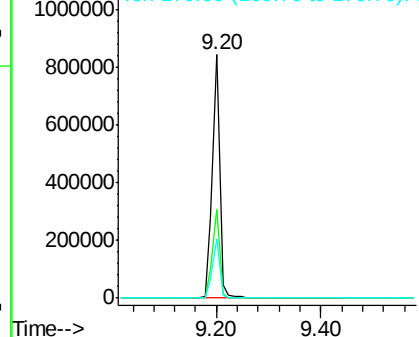


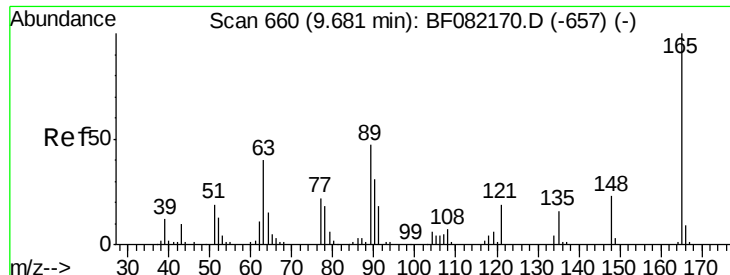
#44
 2-Fluorobiphenyl
 Concen: 105.74 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082232.D
 Acq: 12 Oct 2015 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.5	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





#50

2,6-Dinitrotoluene

Concen: 8.62 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.21 min

Lab File: BF082232.D

Acq: 12 Oct 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-17A)

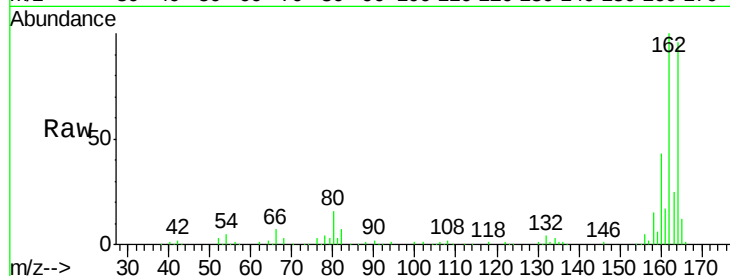
Tot Ion:165 Resp: 16824

Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

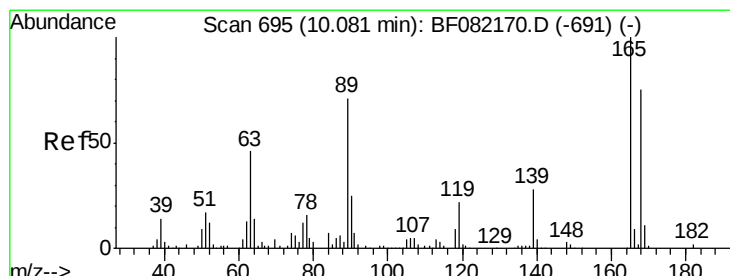
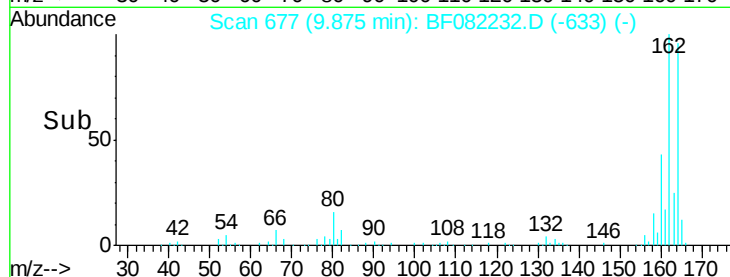
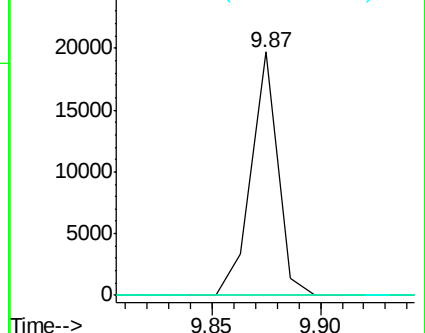
89 0.0 37.8 56.6#



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: 6.90 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082232.D

Acq: 12 Oct 2015 21:14

Tgt Ion:165 Resp: 16824

Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

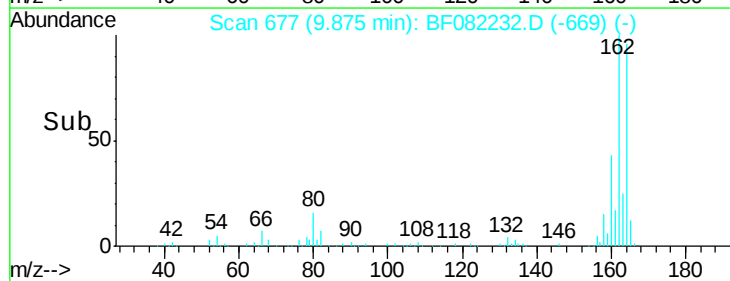
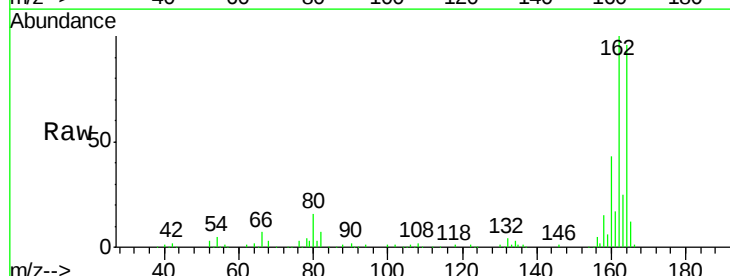
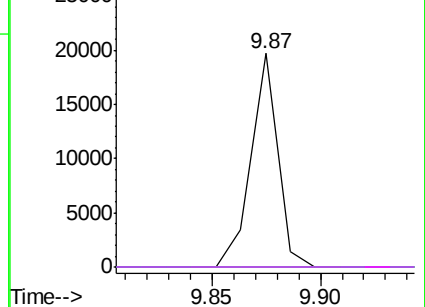
182 0.0 1.8 2.6#

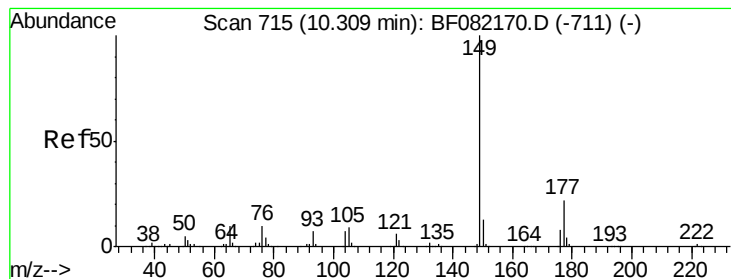
Abundance Ion 165.00 (164.70 to 165.70): E

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





#59

Diethylphthalate

Concen: 3.00 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082232.D

Acq: 12 Oct 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-17A)

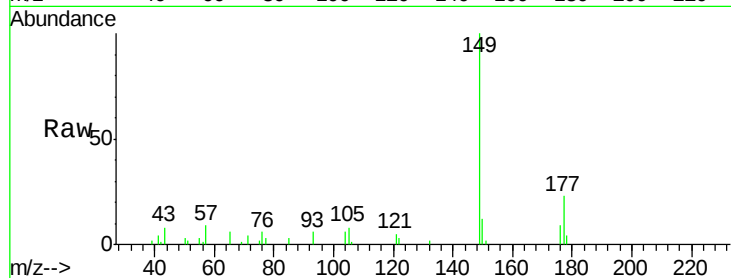
Tot Ion:149 Resp: 25856

Ion Ratio Lower Upper

149 100

177 23.4 17.6 26.4

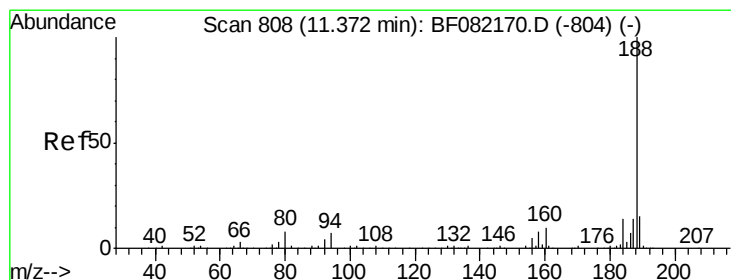
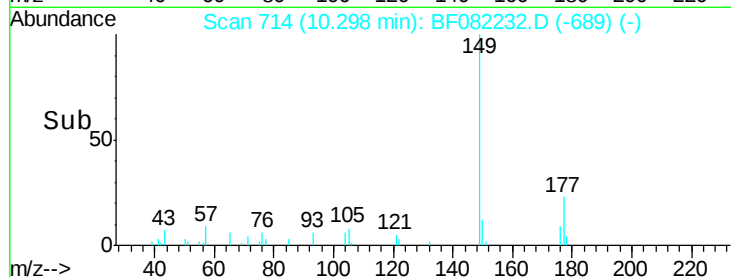
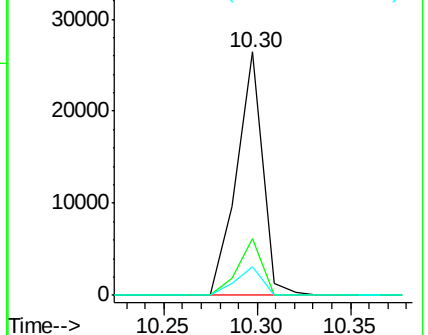
150 11.7 10.3 15.5



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: BF082232.D

Acq: 12 Oct 2015 21:14

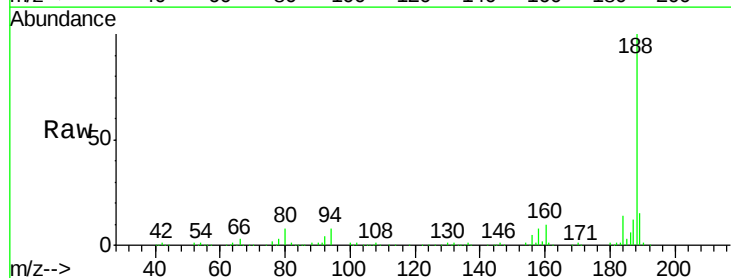
Tgt Ion:188 Resp: 263606

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.6

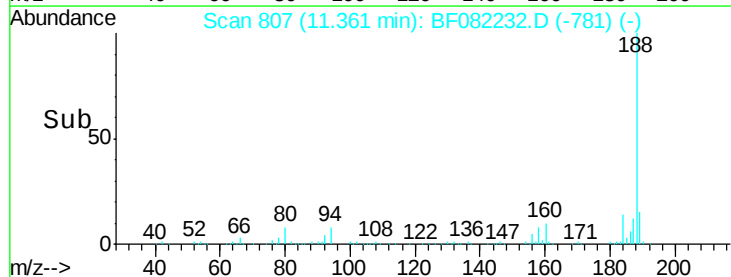
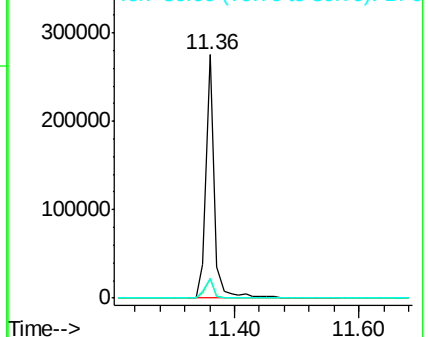
80 8.2 6.4 9.6

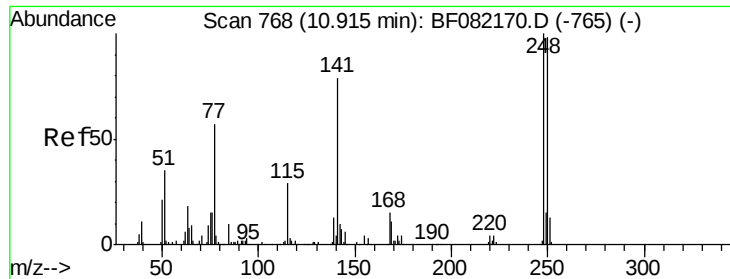


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.62 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082232.D

Acq: 12 Oct 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TE-PMW(2-17A)

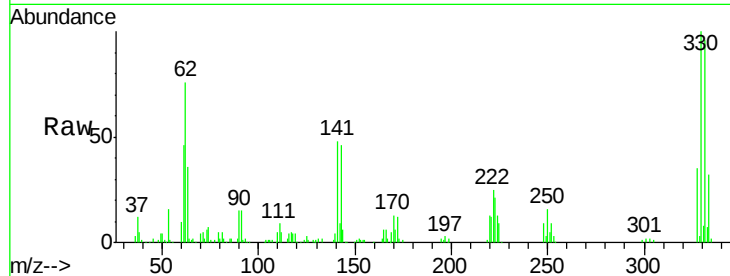
Tot Ion:248 Resp: 12176

Ion Ratio Lower Upper

248 100

250 190.9 78.6 117.8#

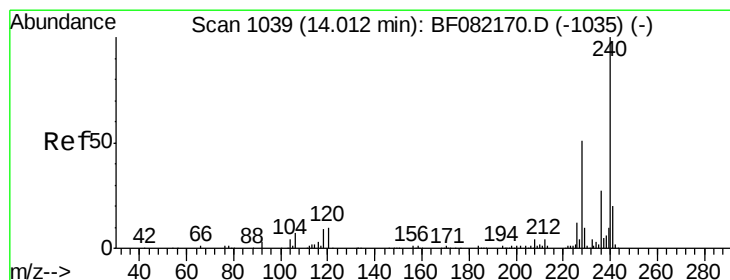
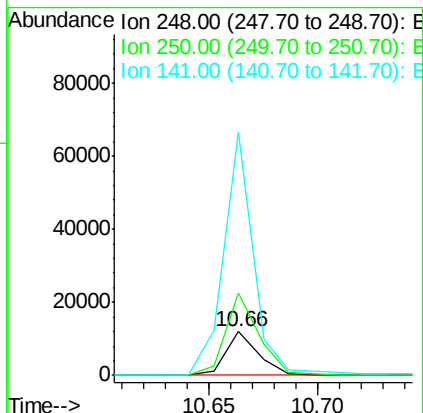
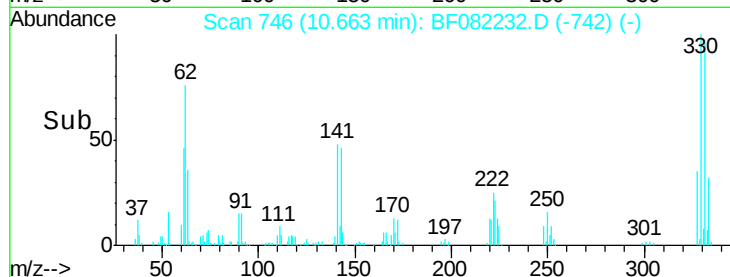
141 561.0 63.3 94.9#



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: BF082232.D

Acq: 12 Oct 2015 21:14

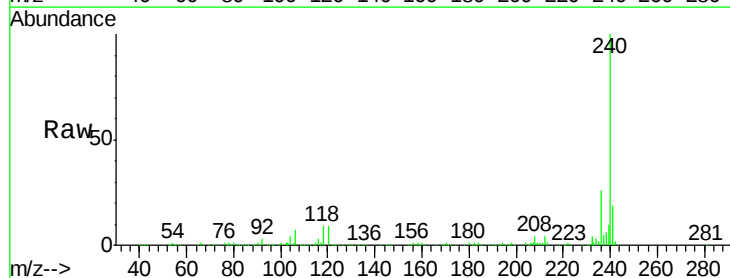
Tgt Ion:240 Resp: 255275

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

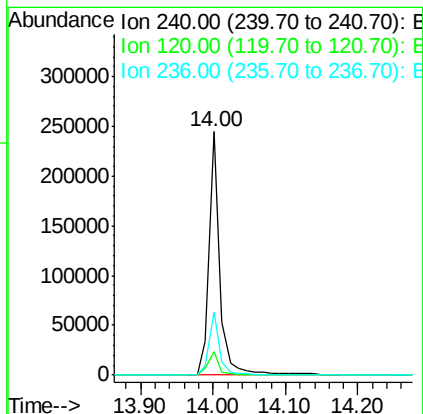
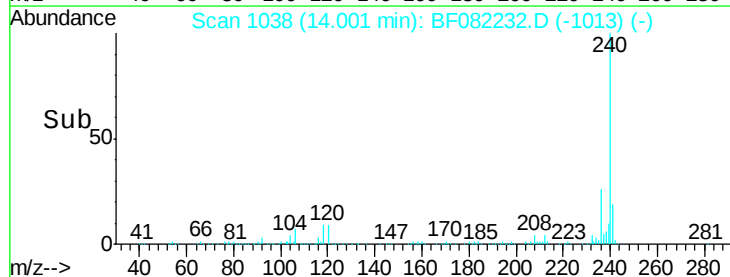
236 25.7 21.3 31.9

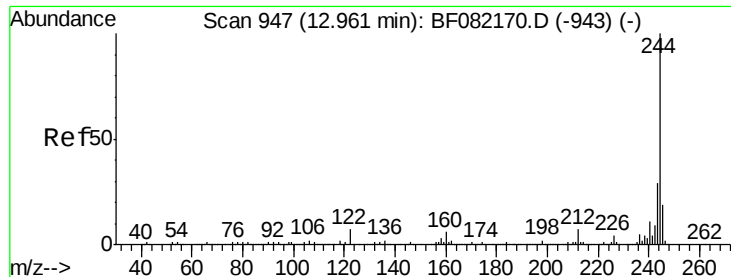


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

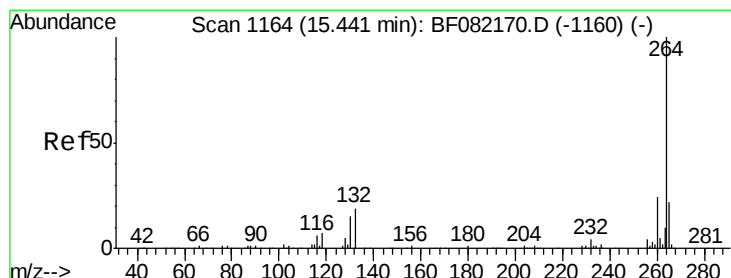
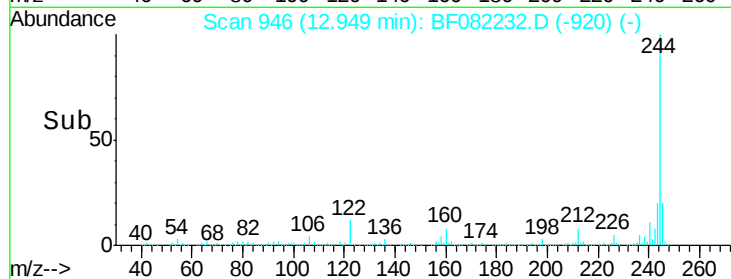
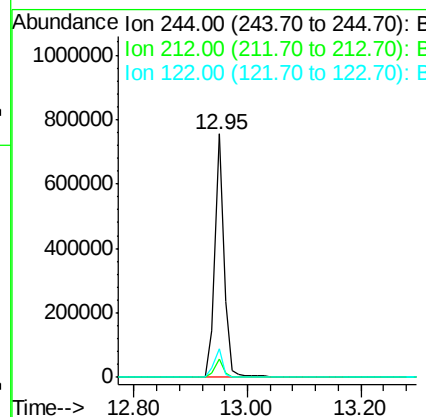
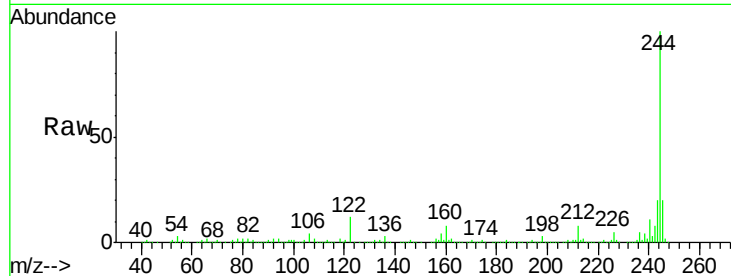




#78
 Terphenyl-d14
 Concen: 85.79 ng
 RT: 12.95 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF082232.D
 Acq: 12 Oct 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-17A)

Tot Ion:244 Resp: 826401
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 11.9 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: BF082232.D
 Acq: 12 Oct 2015 21:14

Tgt Ion:264 Resp: 194243
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 20.8 17.3 25.9

