

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082247.D
 Acq On : 13 Oct 2015 7:01
 Operator : UM/IZ
 Sample : G3990-25
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW(2-23D)

Quant Time: Oct 13 07:59:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

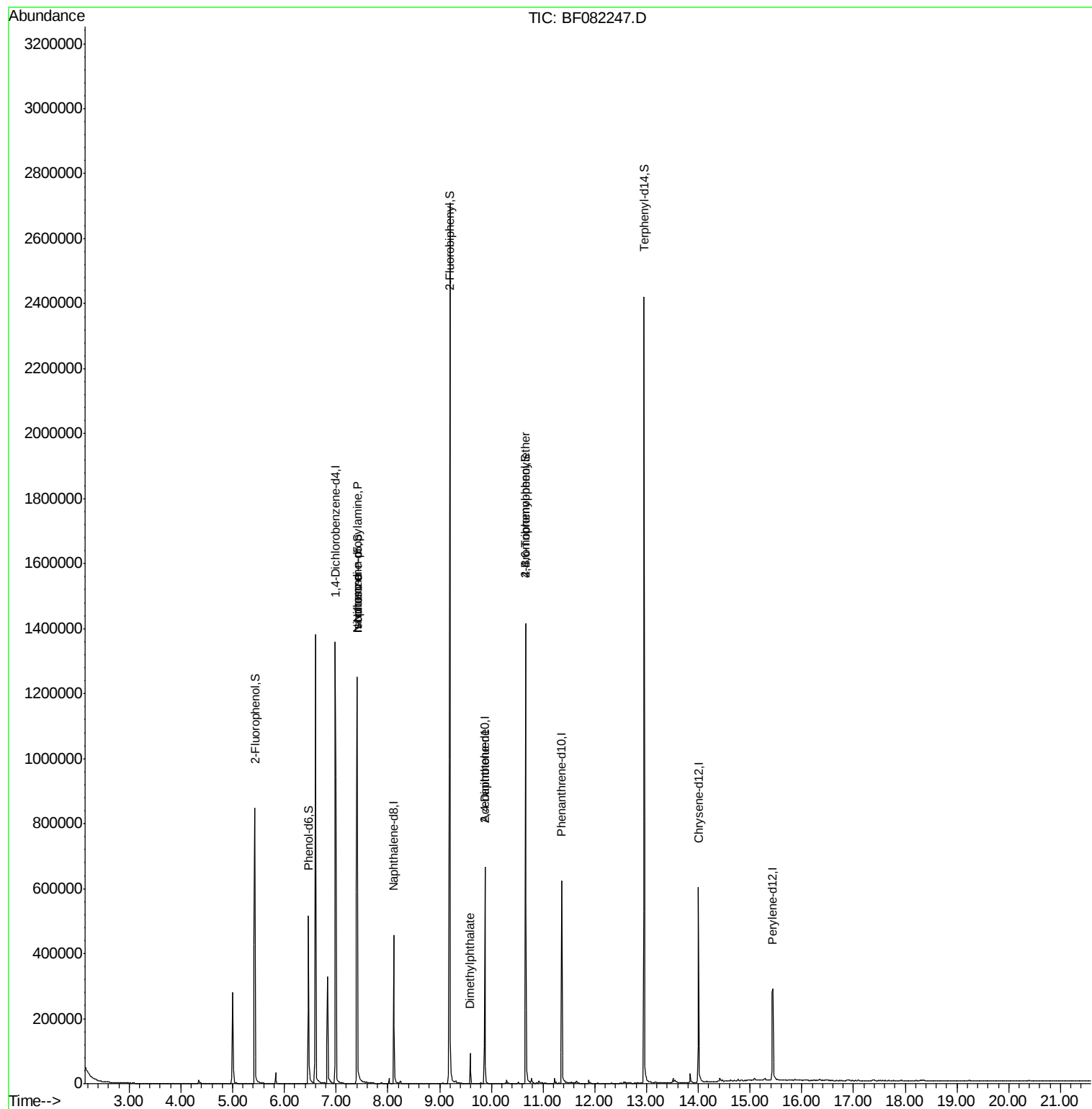
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	295948	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	253814	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	131631	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	259478	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	250635	20.00	ng	-0.01
86) Perylene-d12	15.44	264	185584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	289615	19.75	ng	0.00
7) Phenol-d6	6.47	99	225443	11.81	ng	-0.01
23) Nitrobenzene-d5	7.41	82	511244	135.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	207181	167.83	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	949450	119.62	ng	-0.01
78) Terphenyl-d14	12.95	244	928679	98.19	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	66776	4.98	ng	# 76
25) Isophorone	7.41	82	499483	65.48	ng	# 66
49) Dimethylphthalate	9.59	163	47060	5.08	ng	98
56) 2,4-Dinitrotoluene	9.87	165	16534	6.76	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	13364	5.15	ng	# 1

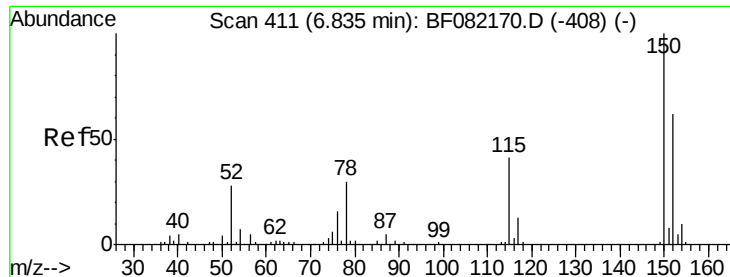
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082247.D
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
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TE-MW(2-23D)

Quant Time: Oct 13 07:59:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 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: BF082247.D

Acq: 13 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

TE-MW(2-23D)

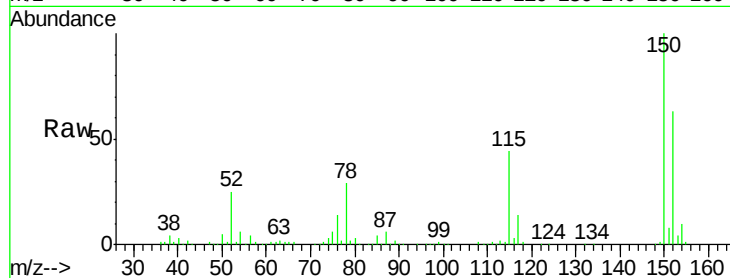
Tot Ion:152 Resp: 295948

Ion Ratio Lower Upper

152 100

150 158.3 129.0 193.4

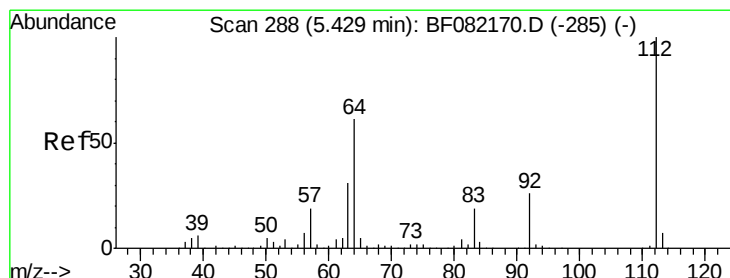
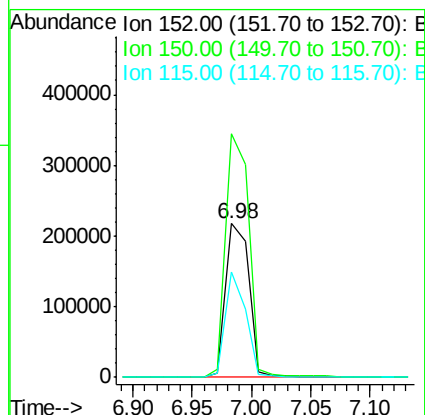
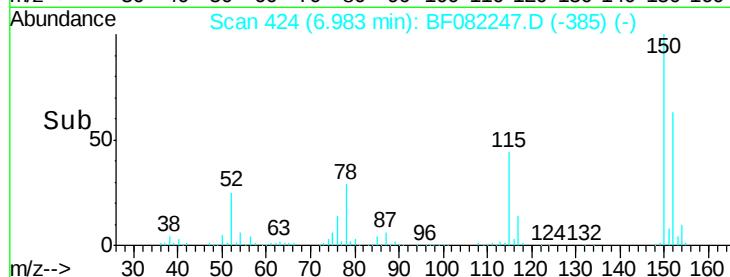
115 68.9 52.1 78.1



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: 19.75 ng

RT: 5.43 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

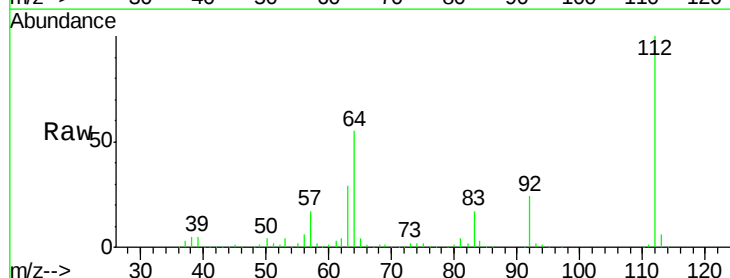
Tgt Ion:112 Resp: 289615

Ion Ratio Lower Upper

112 100

64 55.3 48.6 73.0

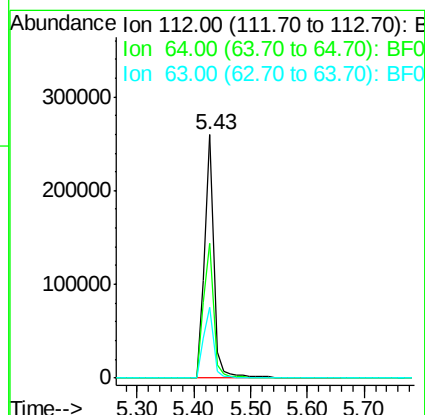
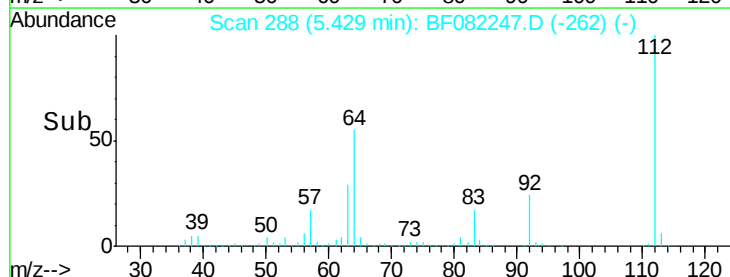
63 29.2 25.1 37.7

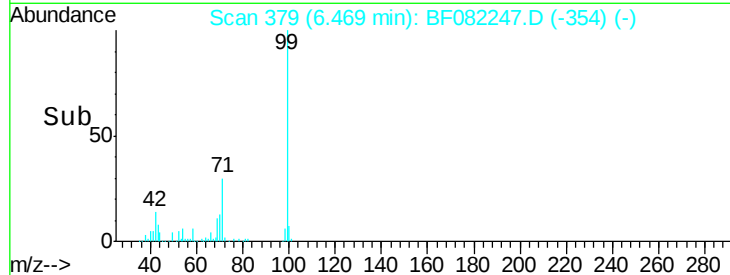
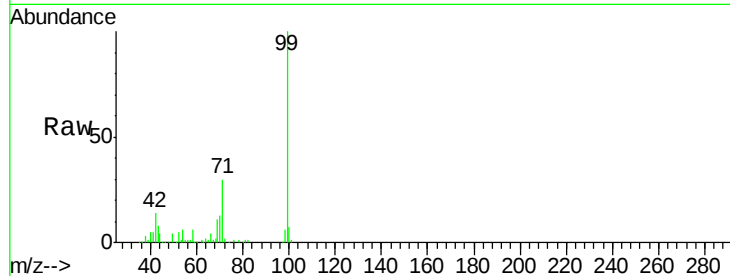
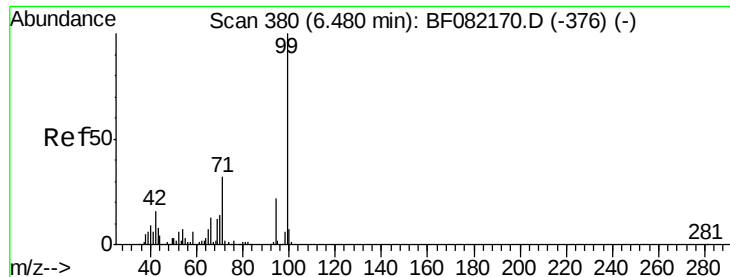


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.81 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

TE-MW(2-23D)

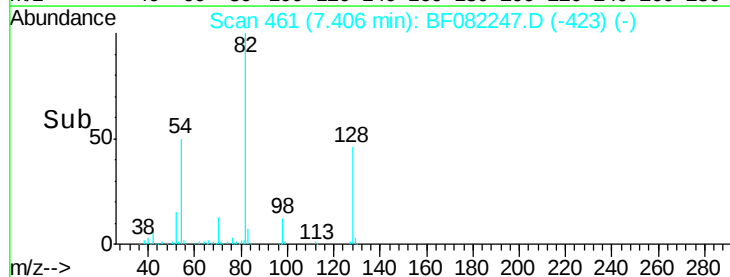
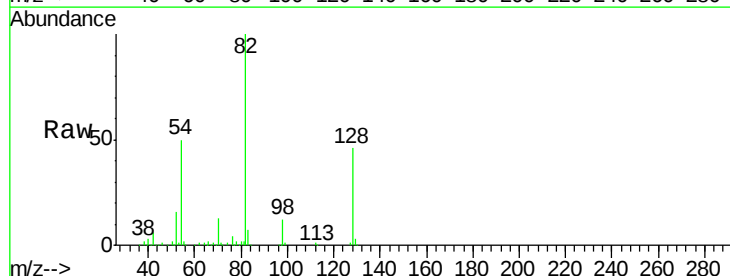
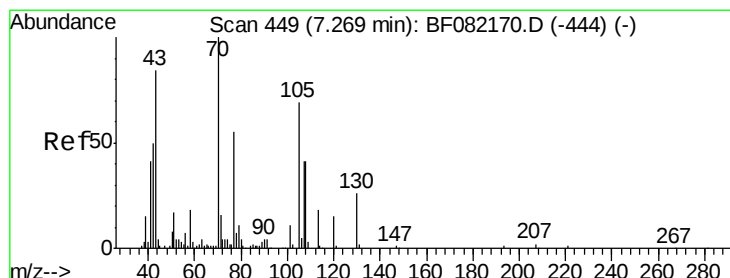
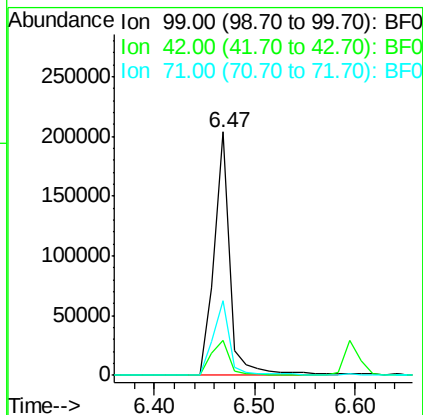
Tot Ion: 99 Resp: 225443

Ion Ratio Lower Upper

99 100

42 14.4 13.2 19.8

71 30.4 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.98 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

Tgt Ion: 70 Resp: 66776

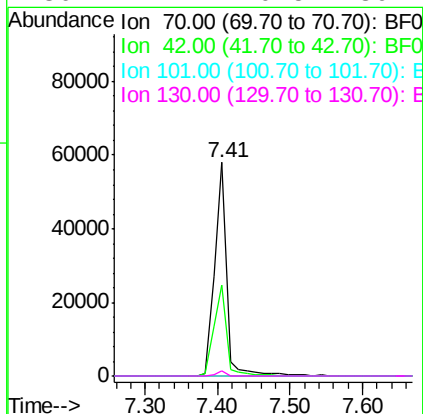
Ion Ratio Lower Upper

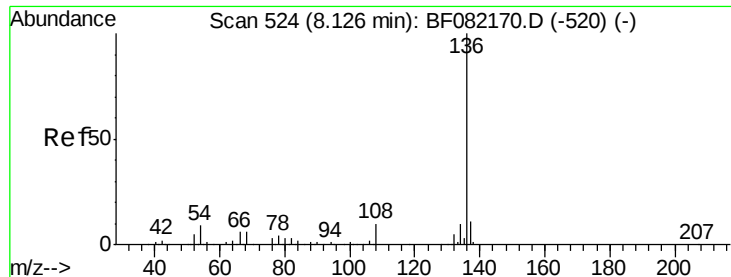
70 100

42 42.4 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 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: BF082247.D

Acq: 13 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

TE-MW(2-23D)

Tot Ion:136 Resp: 253814

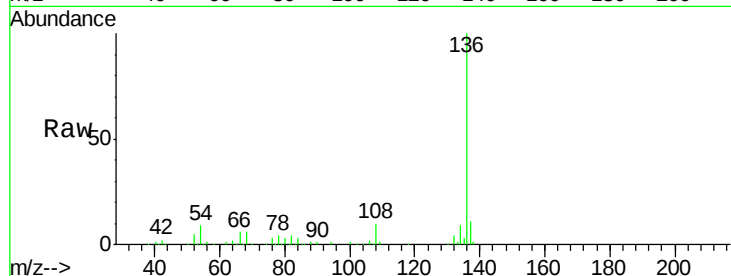
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.3 7.5 11.3

68 5.8 4.6 7.0

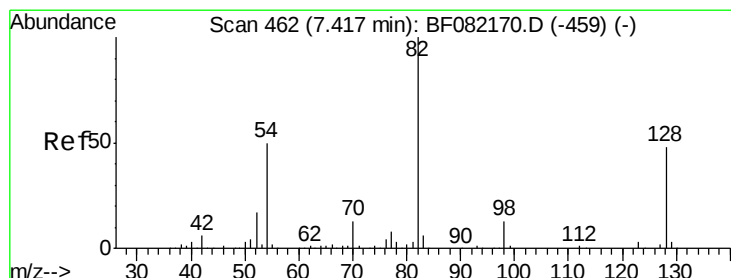
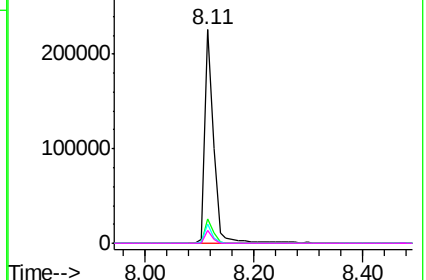
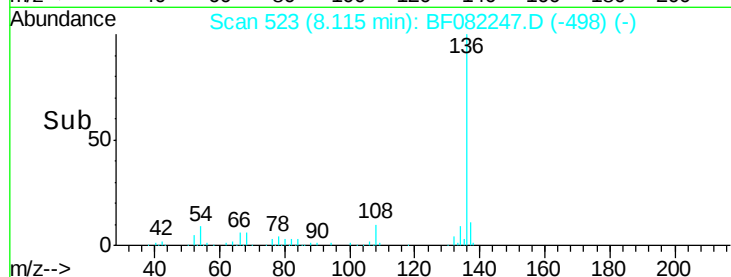


Abundance Ion 136.00 (135.70 to 136.70): E

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: 135.27 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

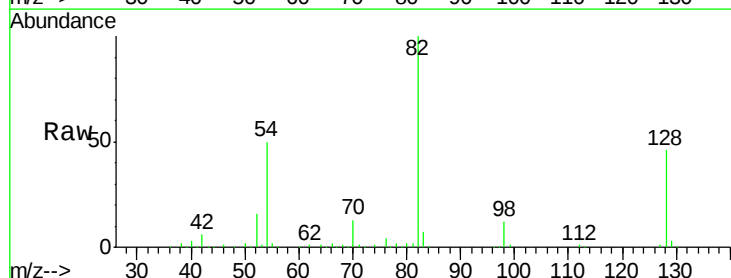
Tgt Ion: 82 Resp: 511244

Ion Ratio Lower Upper

82 100

128 46.1 38.7 58.1

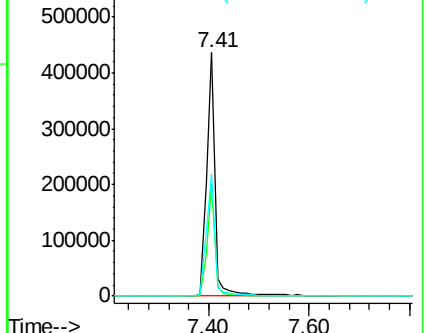
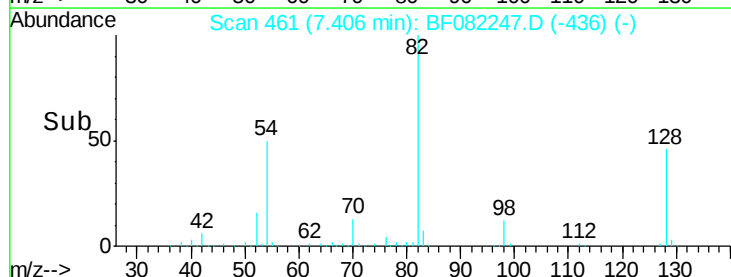
54 50.4 40.1 60.1

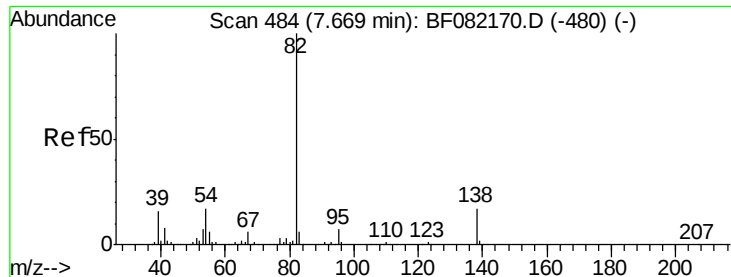


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 65.48 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

TE-MW(2-23D)

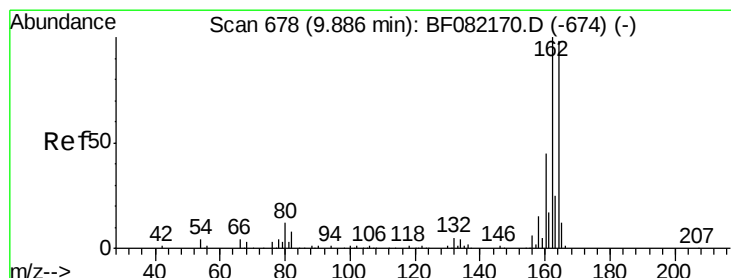
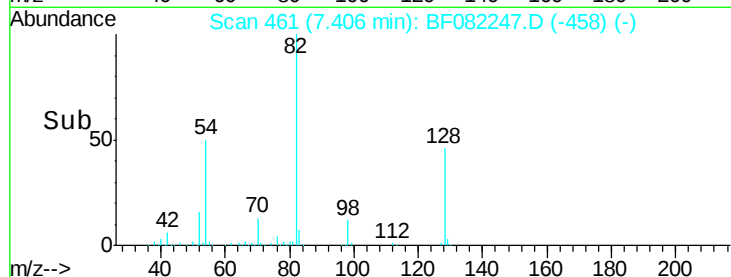
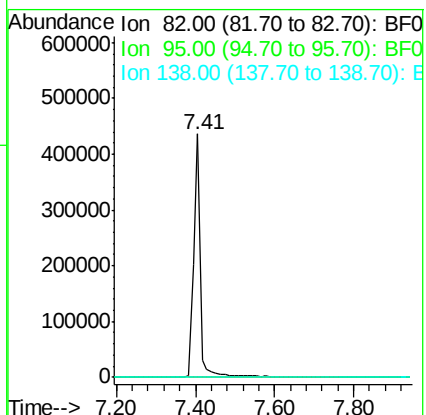
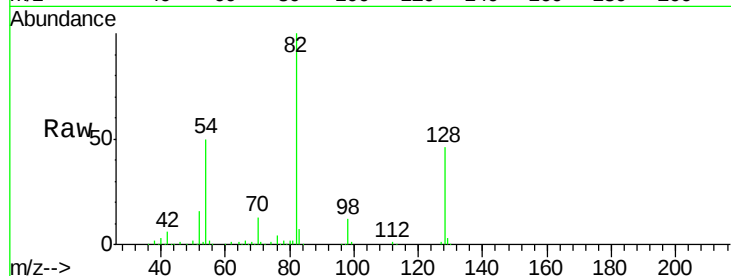
Tot Ion: 82 Resp: 499483

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. -0.01 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

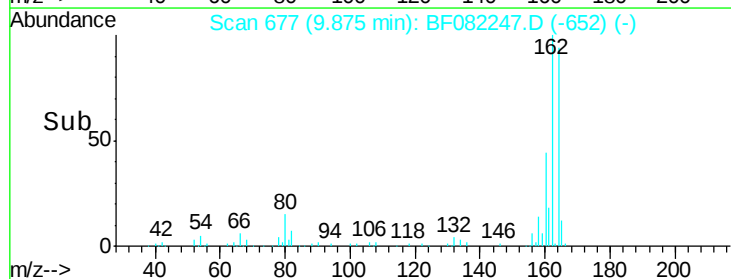
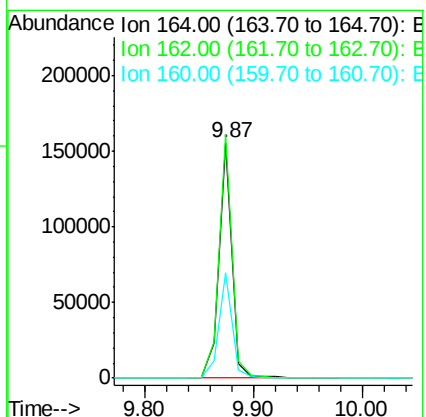
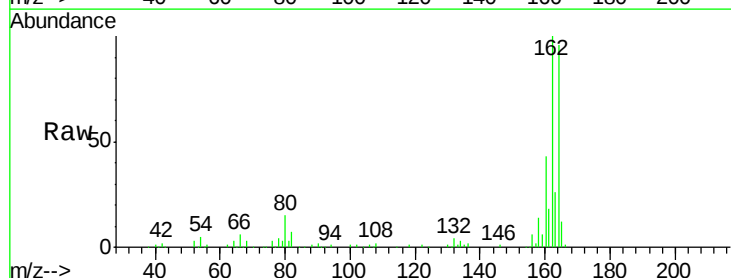
Tgt Ion: 164 Resp: 131631

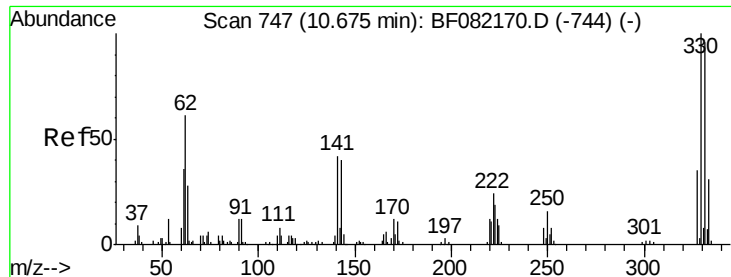
Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

160 45.0 36.4 54.6

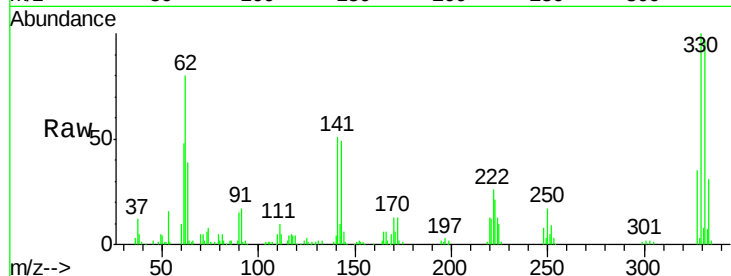




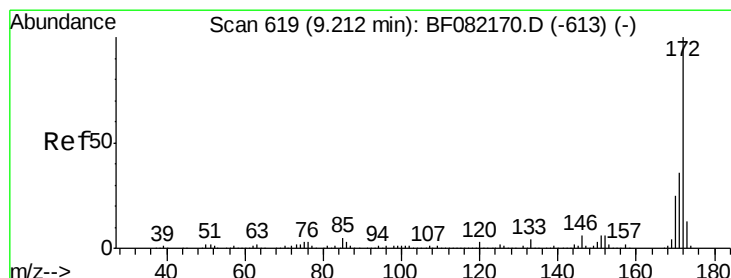
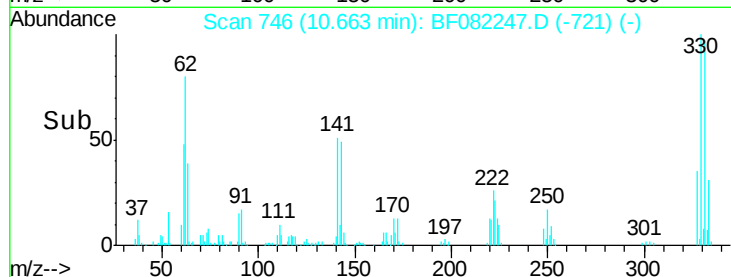
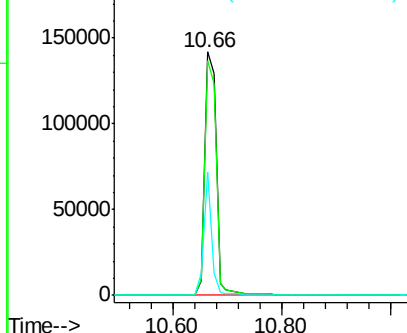
#41
 2,4,6-Tribromophenol
 Concen: 167.83 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082247.D
 Acq: 13 Oct 2015 7:01

Instrument :
 BNA_F
 ClientSampleId :
 TE-MW(2-23D)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	34.2	29.8	44.8

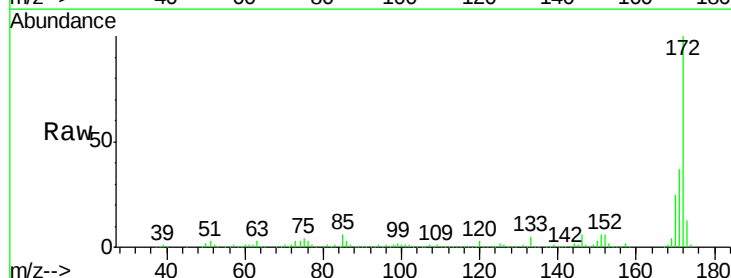


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

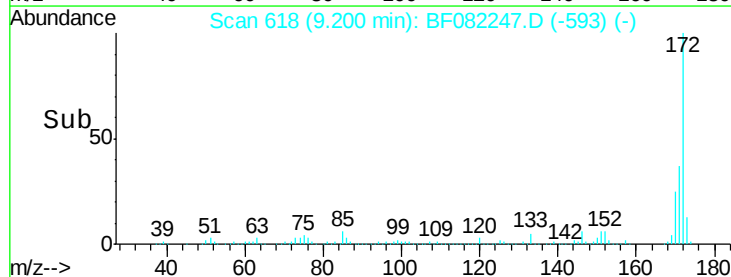
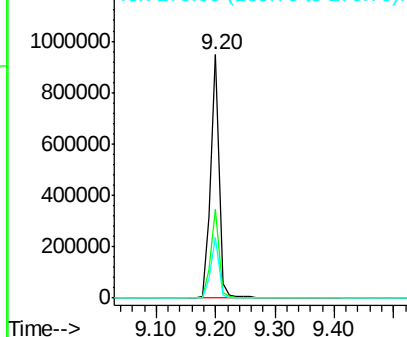


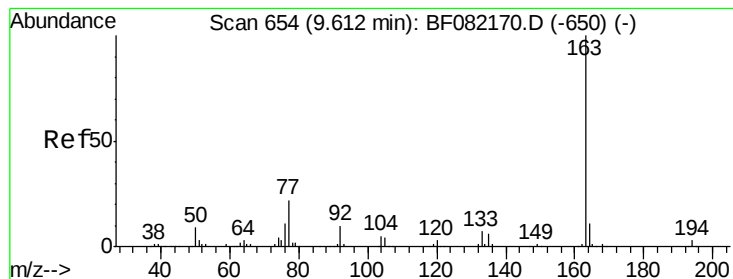
#44
 2-Fluorobiphenyl
 Concen: 119.62 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082247.D
 Acq: 13 Oct 2015 7:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.9	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: 5.08 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

TE-MW(2-23D)

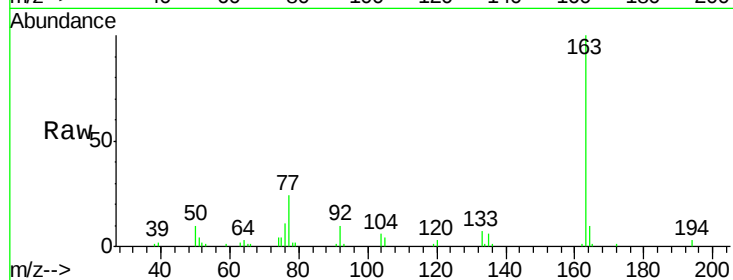
Tot Ion:163 Resp: 47060

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

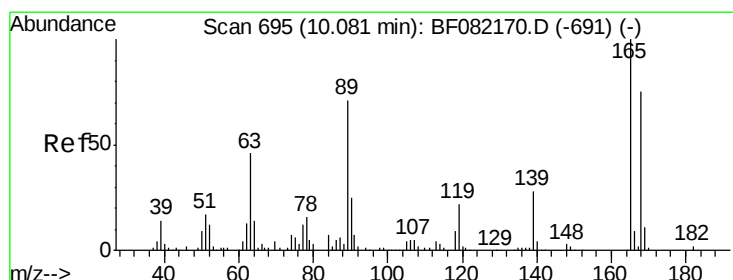
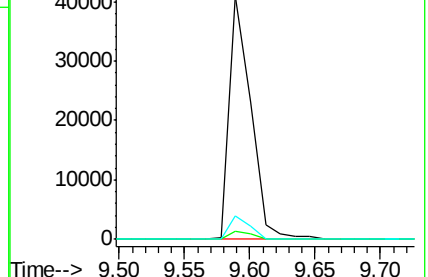
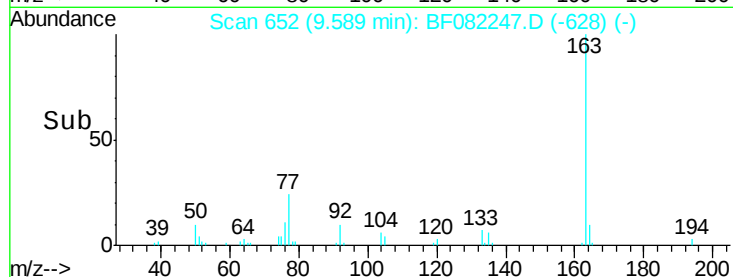
164 9.8 8.5 12.7



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: 6.76 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.21 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

Tgt Ion:165 Resp: 16534

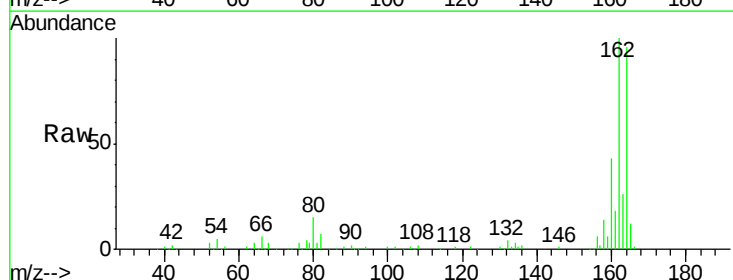
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

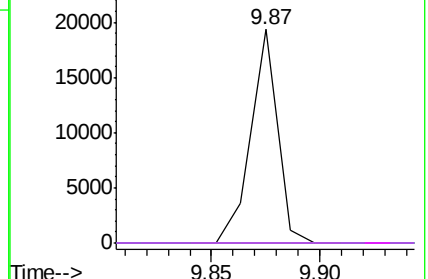
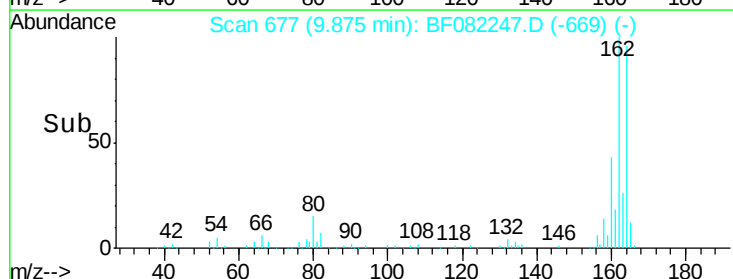


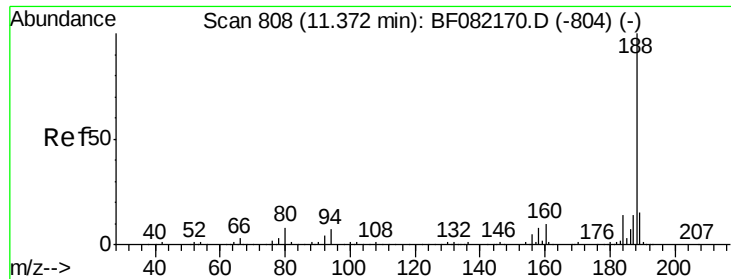
Abundance Ion 165.00 (164.70 to 165.70): E

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

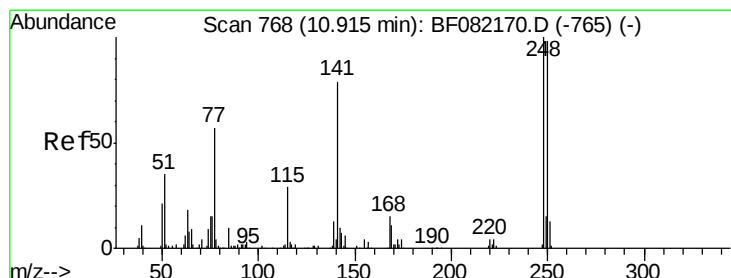
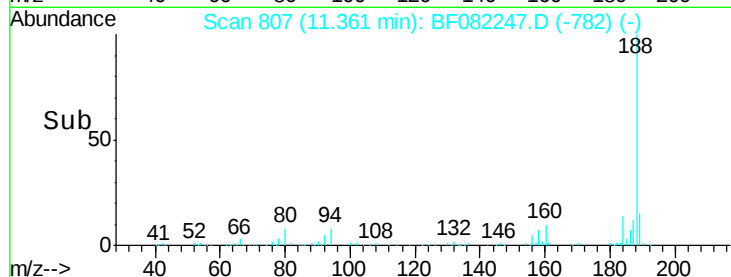
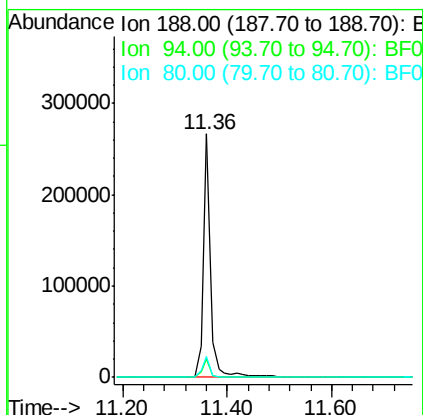
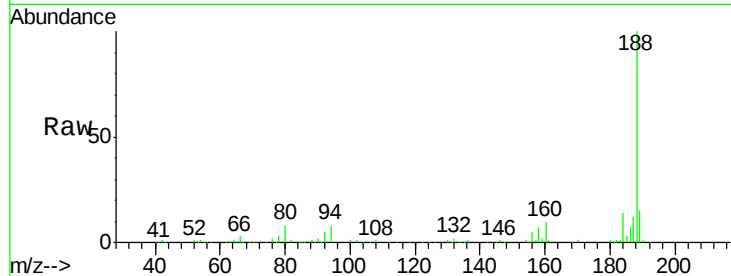




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF082247.D
 Acq: 13 Oct 2015 7:01

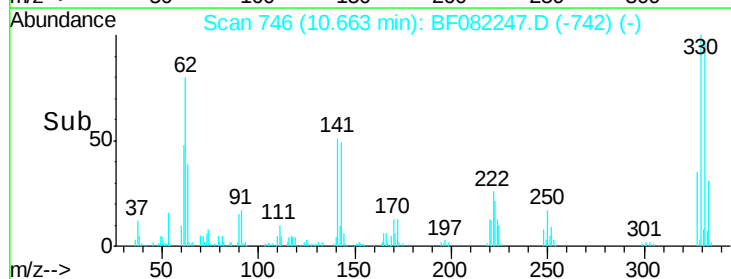
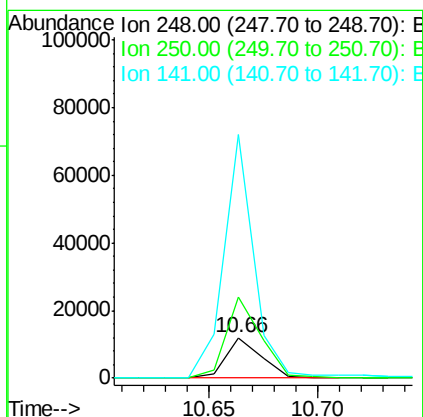
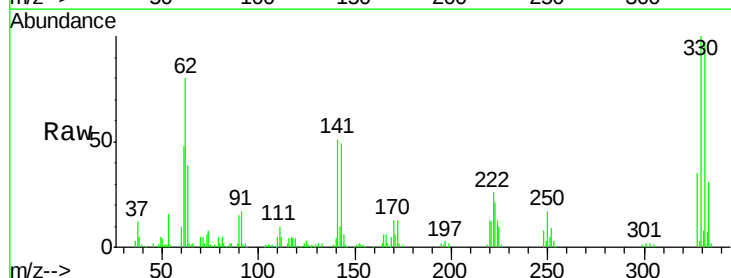
Instrument :
 BNA_F
 ClientSampleId :
 TE-MW(2-23D)

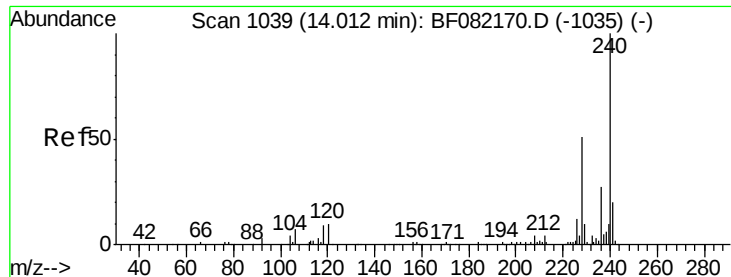
Tot Ion:188 Resp: 259478
 Ion Ratio Lower Upper
 188 100
 94 7.8 5.8 8.6
 80 8.4 6.4 9.6



#66
 4-Bromophenyl-phenylether
 Concen: 5.15 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.25 min
 Lab File: BF082247.D
 Acq: 13 Oct 2015 7:01

Tgt Ion:248 Resp: 13364
 Ion Ratio Lower Upper
 248 100
 250 199.7 78.6 117.8#
 141 604.3 63.3 94.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

Instrument :

BNA_F

ClientSampleId :

TE-MW(2-23D)

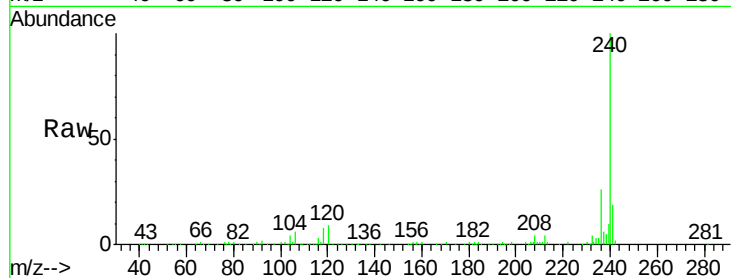
Tot Ion:240 Resp: 250635

Ion Ratio Lower Upper

240 100

120 9.1 8.1 12.1

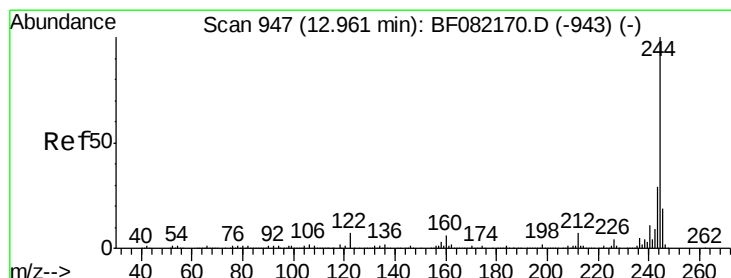
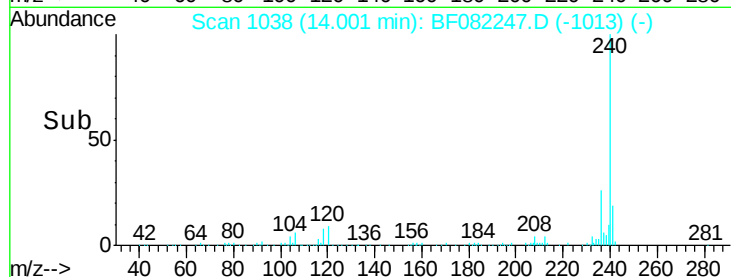
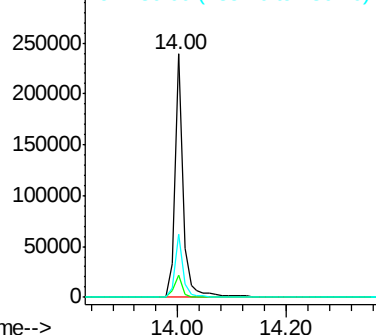
236 25.7 21.3 31.9



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: 98.19 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF082247.D

Acq: 13 Oct 2015 7:01

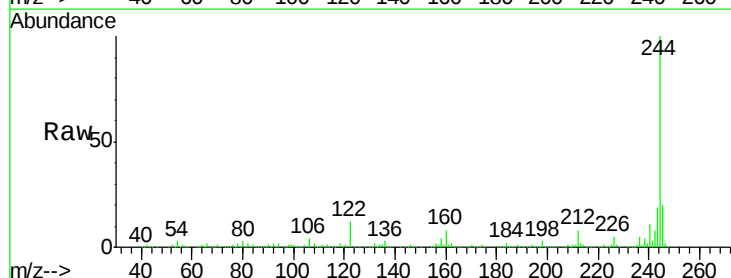
Tgt Ion:244 Resp: 928679

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

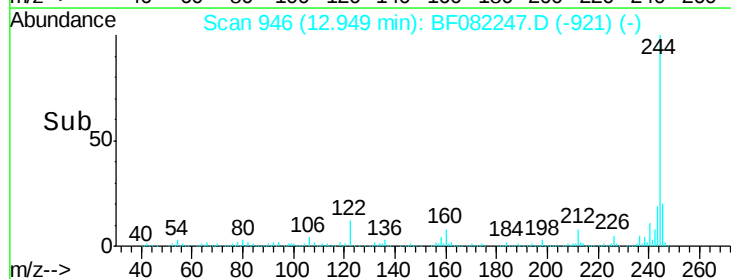
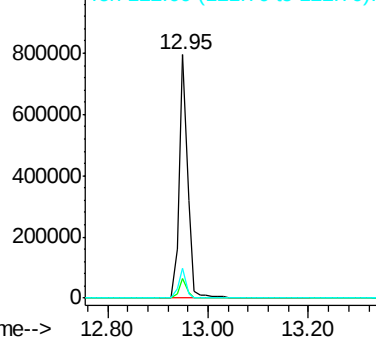
122 12.2 5.9 8.9#

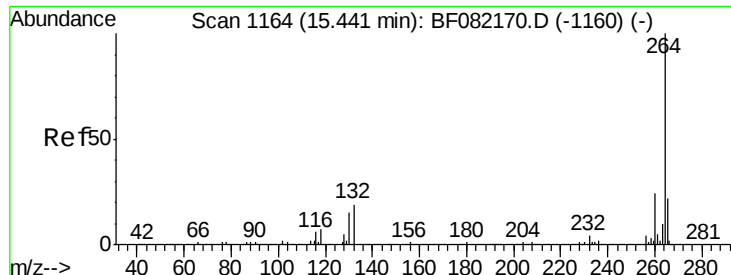


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

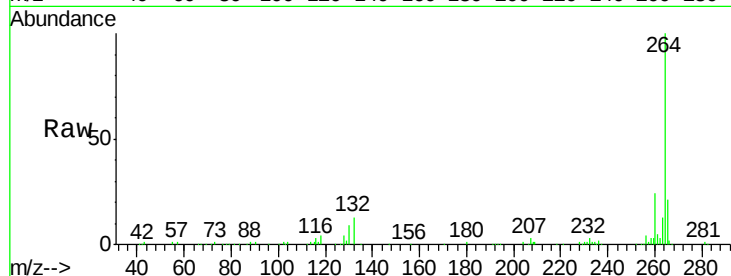




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082247.D
Acq: 13 Oct 2015 7:01

Instrument :
BNA_F
ClientSampleId :
TE-MW(2-23D)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	20.9	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

