

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082240.D
 Acq On : 13 Oct 2015 3:28
 Operator : UM/IZ
 Sample : G3990-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(1A-11)

Quant Time: Oct 13 06:30:57 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

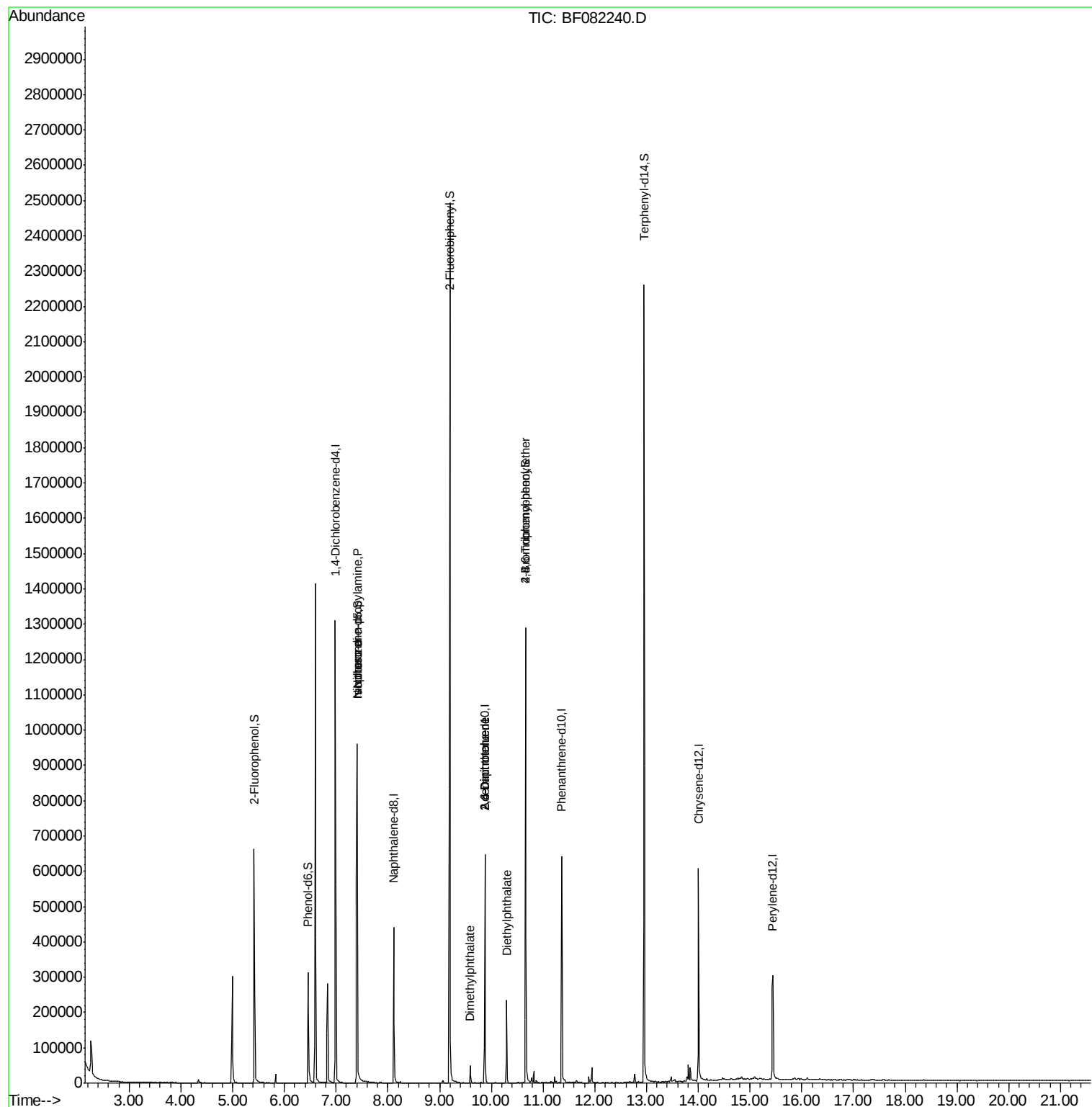
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	240021	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	241396	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	127134	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	257242	20.00	ng	0.00
75) Chrysene-d12	14.00	240	248639	20.00	ng	-0.01
86) Perylene-d12	15.44	264	186913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	202370	17.02	ng	0.00
7) Phenol-d6	6.46	99	162393	10.49	ng	-0.01
23) Nitrobenzene-d5	7.41	82	432431	120.30	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	172090	144.34	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	855591	111.61	ng	0.00
78) Terphenyl-d14	12.95	244	898254	95.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	55437	5.10	ng	# 76
25) Isophorone	7.41	82	439400	60.57	ng	# 66
49) Dimethylphthalate	9.59	163	27159	3.03	ng	100
50) 2,6-Dinitrotoluene	9.87	165	15974	8.46	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	15974	6.77	ng	# 21
59) Diethylphthalate	10.30	149	96296	11.54	ng	97
66) 4-Bromophenyl-phenylether	10.66	248	11262	4.37	ng	# 1

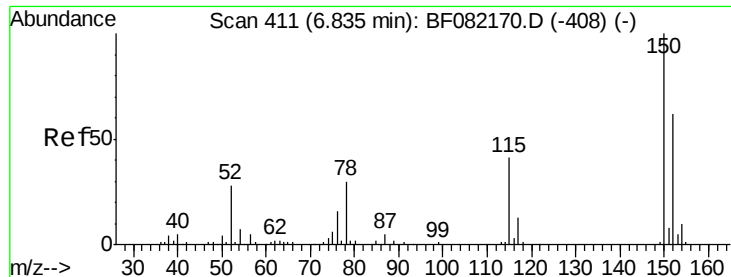
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF082240.D
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TE-PMW(1A-11)

Quant Time: Oct 13 06:30:57 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: BF082240.D

Acq: 13 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TE-PMW(1A-11)

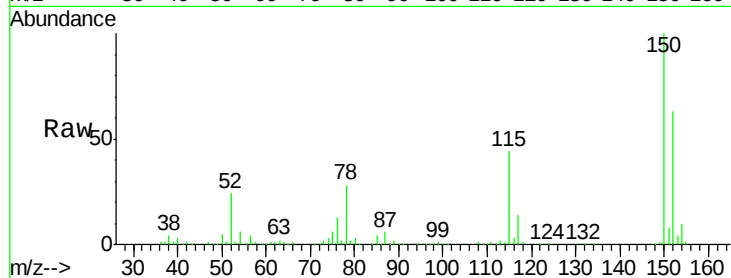
Tot Ion:152 Resp: 240021

Ion Ratio Lower Upper

152 100

150 157.9 129.0 193.4

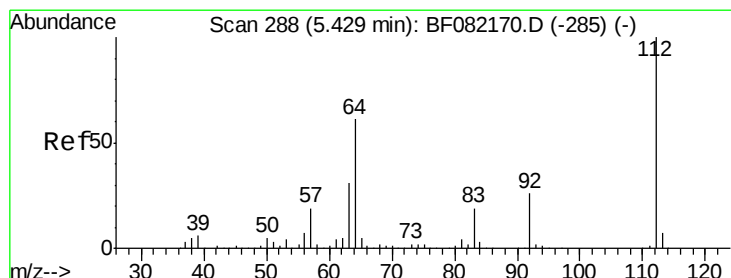
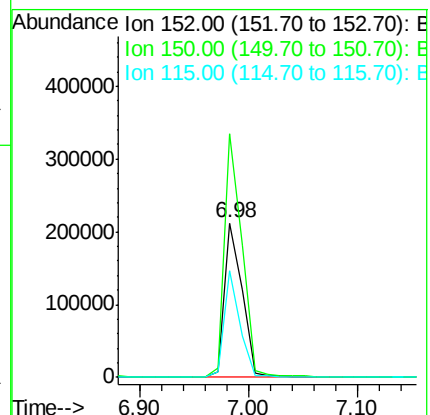
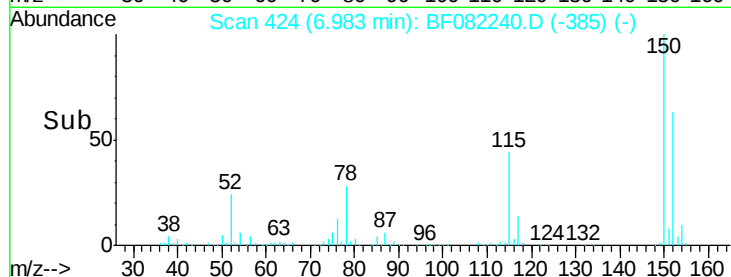
115 68.9 52.1 78.1



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: 17.02 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

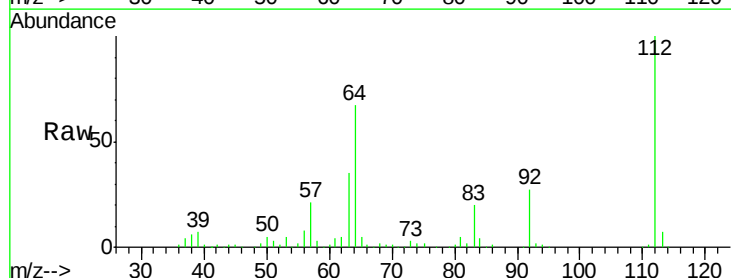
Tgt Ion:112 Resp: 202370

Ion Ratio Lower Upper

112 100

64 66.9 48.6 73.0

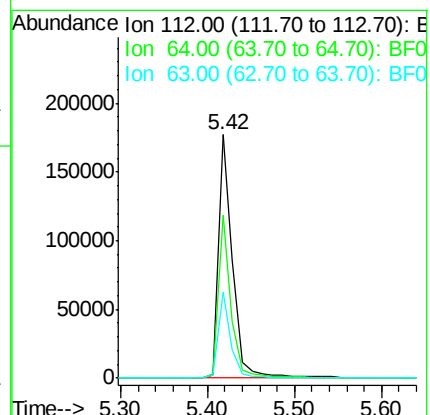
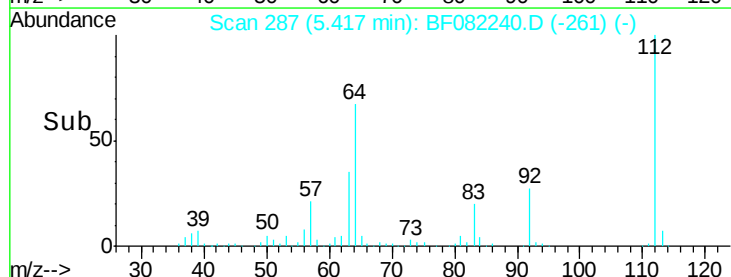
63 35.4 25.1 37.7



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: 10.49 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TE-PMW(1A-11)

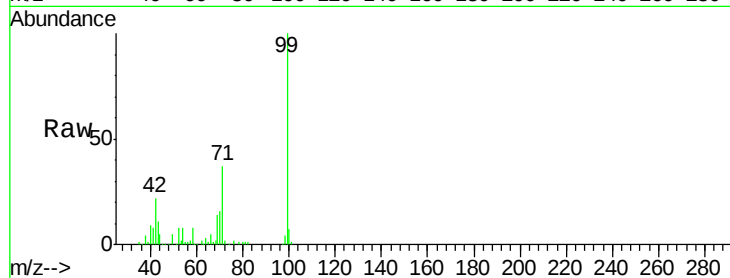
Tot Ion: 99 Resp: 162393

Ion Ratio Lower Upper

99 100

42 21.6 13.2 19.8#

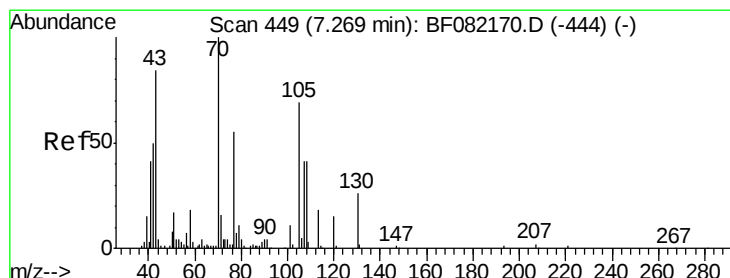
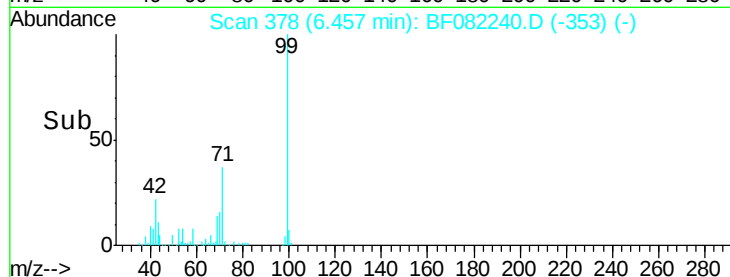
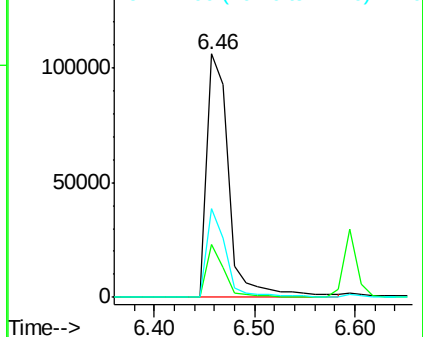
71 36.6 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 5.10 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

Tgt Ion: 70 Resp: 55437

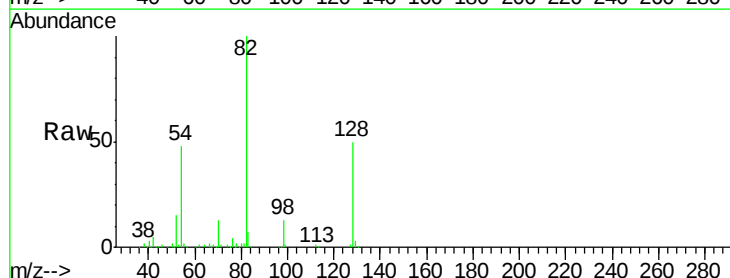
Ion Ratio Lower Upper

70 100

42 41.6 39.8 59.8

101 0.0 8.6 13.0#

130 2.6 20.5 30.7#

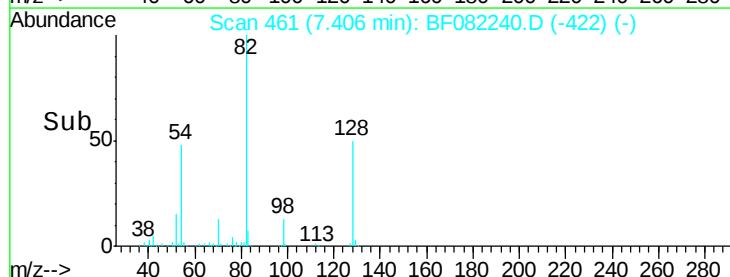
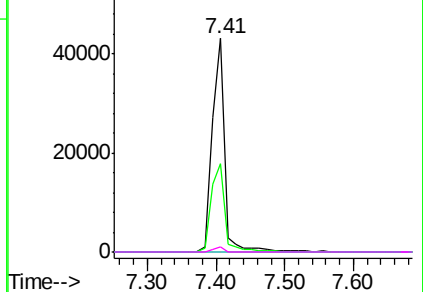


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TE-PMW(1A-11)

Tot Ion:136 Resp: 241396

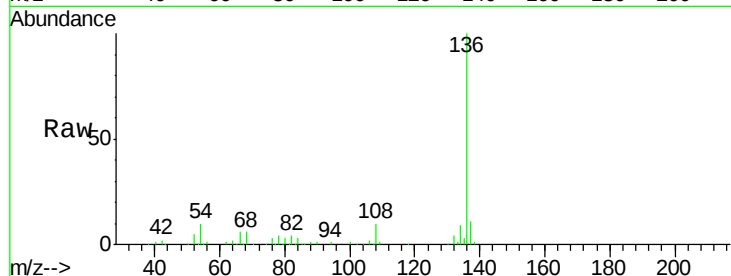
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 9.9 7.5 11.3

68 5.8 4.6 7.0

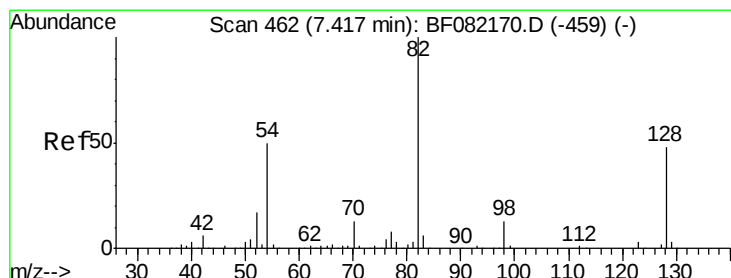
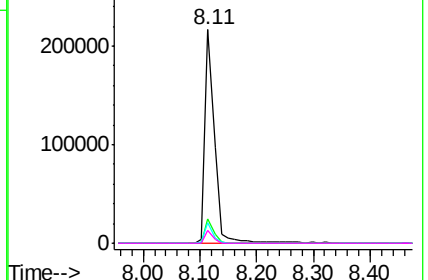
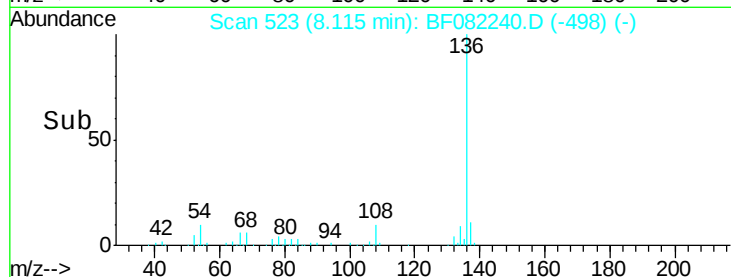


Abundance Ion 136.00 (135.70 to 136.70): E

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: 120.30 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

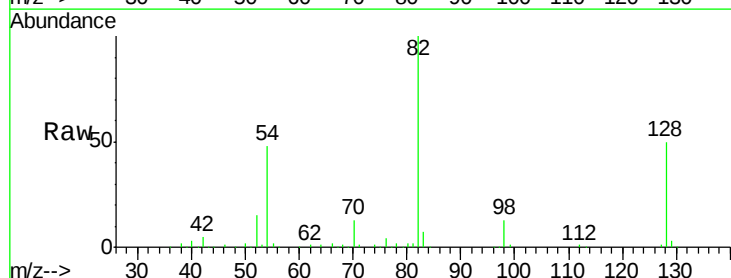
Tgt Ion: 82 Resp: 432431

Ion Ratio Lower Upper

82 100

128 49.8 38.7 58.1

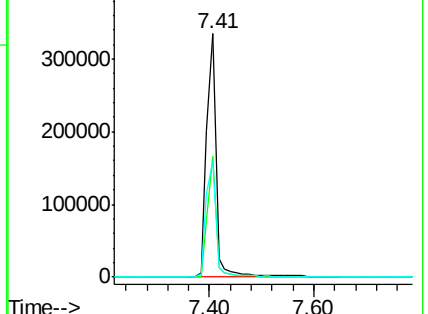
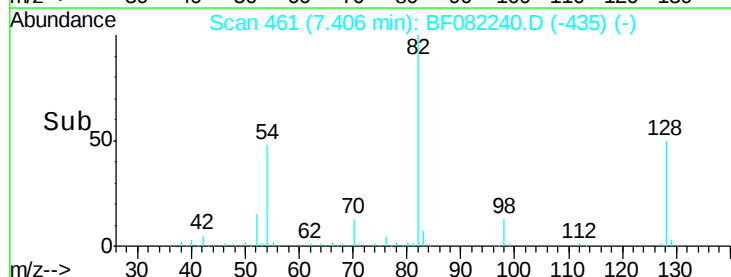
54 47.7 40.1 60.1

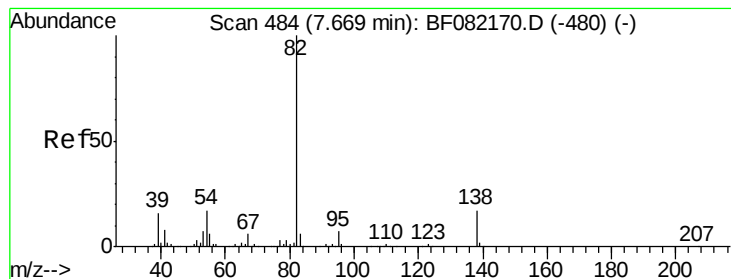


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 60.57 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.25 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TE-PMW(1A-11)

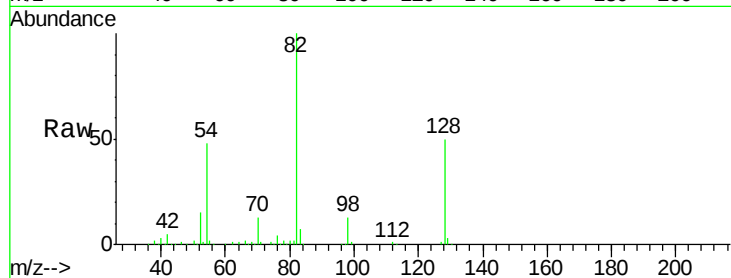
Tot Ion: 82 Resp: 439400

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

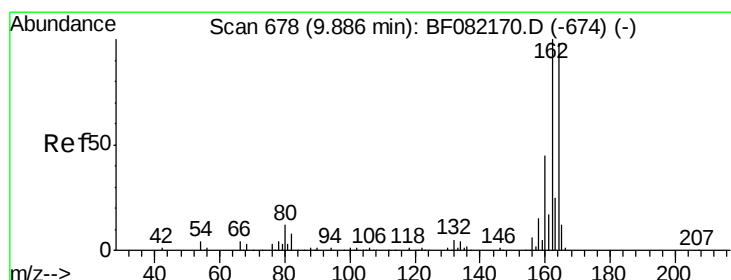
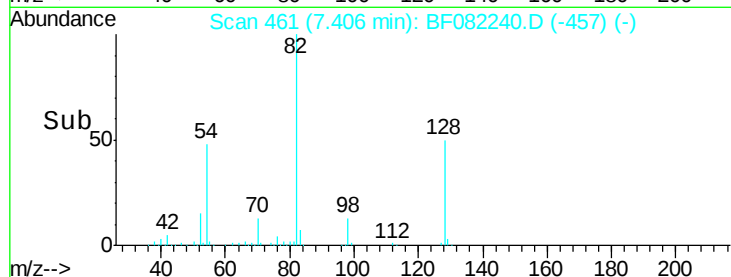
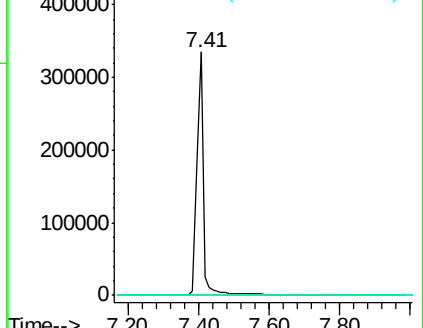
138 0.0 13.6 20.4#



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: BF082240.D

Acq: 13 Oct 2015 3:28

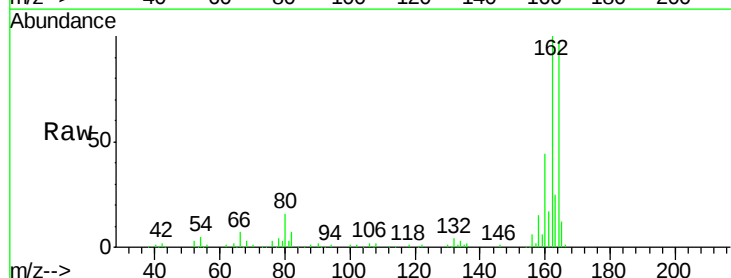
Tgt Ion: 164 Resp: 127134

Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

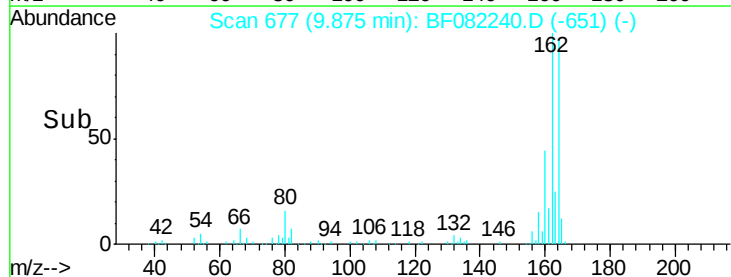
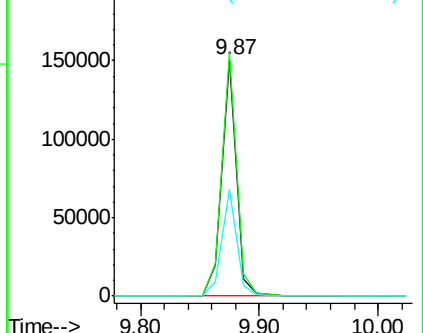
160 45.3 36.4 54.6



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

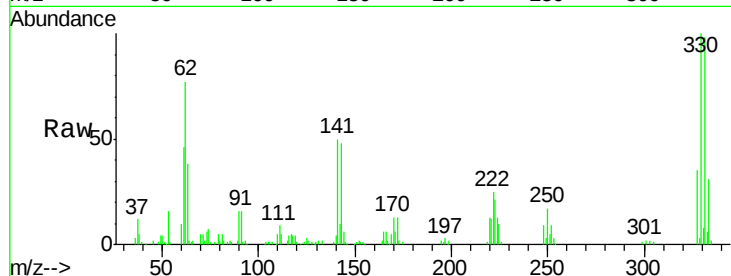




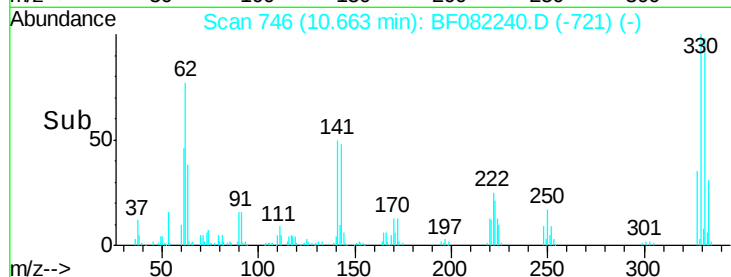
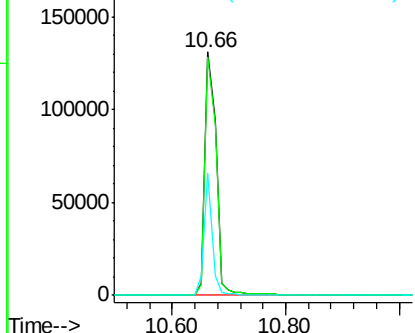
#41
 2,4,6-Tribromophenol
 Concen: 144.34 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082240.D
 Acq: 13 Oct 2015 3:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(1A-11)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	36.5	29.8	44.8

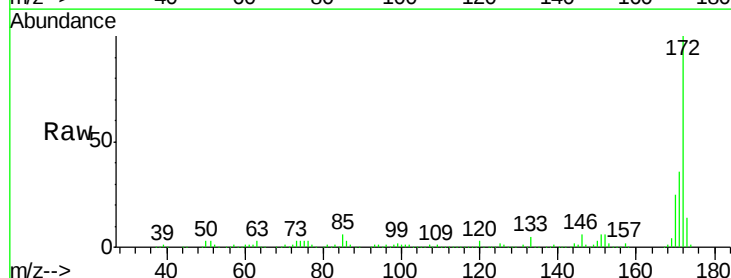


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

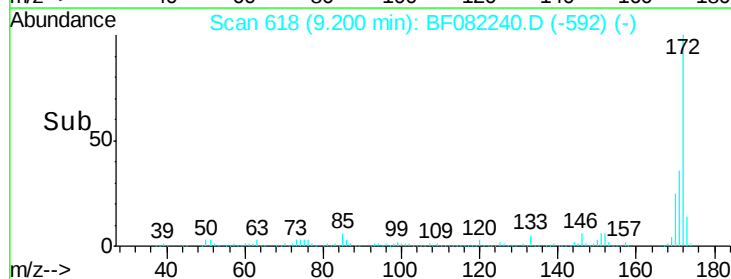
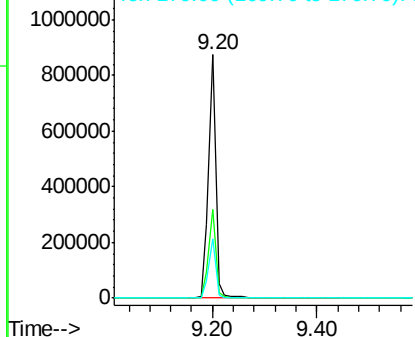


#44
 2-Fluorobiphenyl
 Concen: 111.61 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082240.D
 Acq: 13 Oct 2015 3:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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





#49

Dimethylphthalate

Concen: 3.03 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TE-PMW(1A-11)

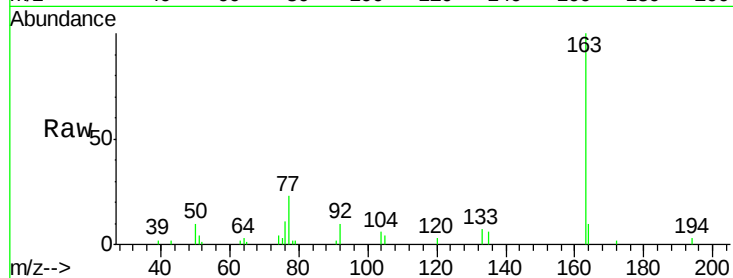
Tot Ion:163 Resp: 27159

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

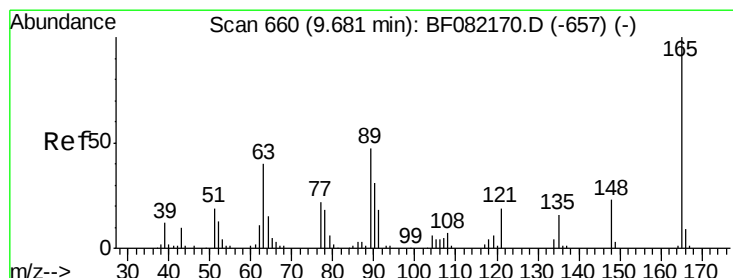
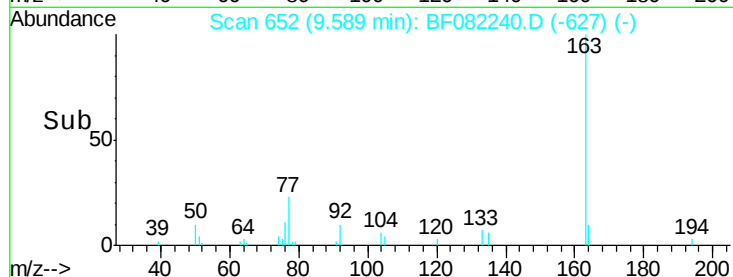
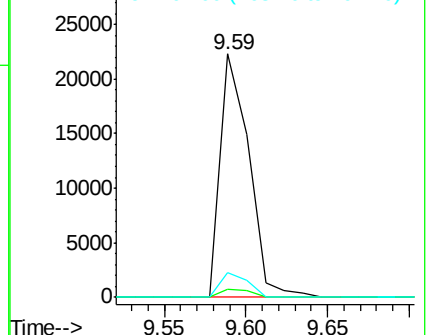
164 10.4 8.5 12.7



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



#50

2,6-Dinitrotoluene

Concen: 8.46 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.21 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

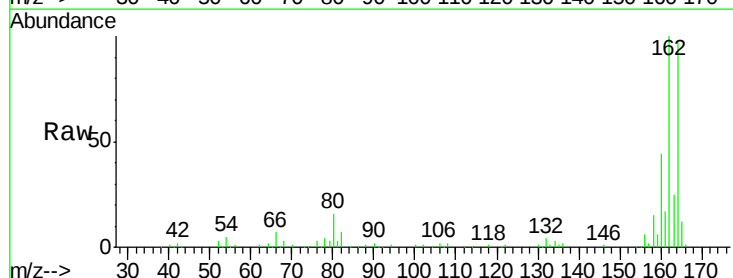
Tgt Ion:165 Resp: 15974

Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

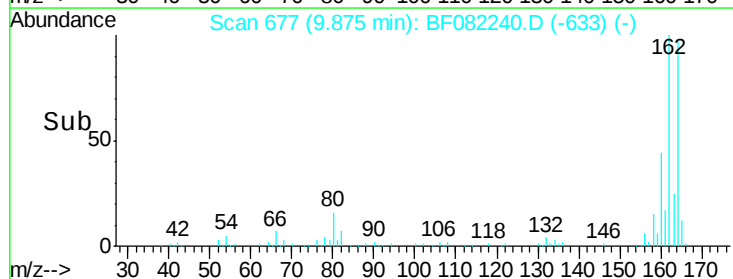
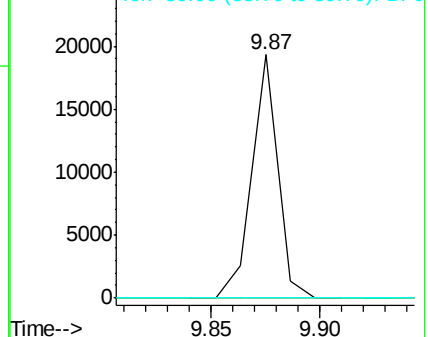
89 0.0 37.8 56.6#

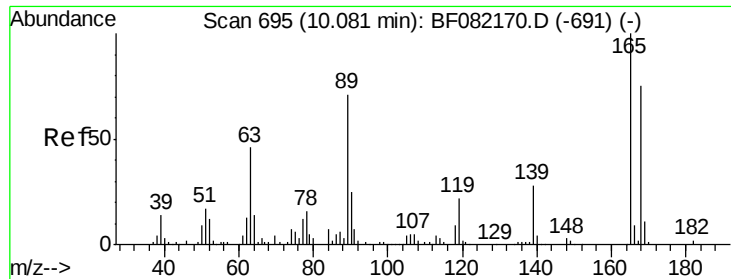


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

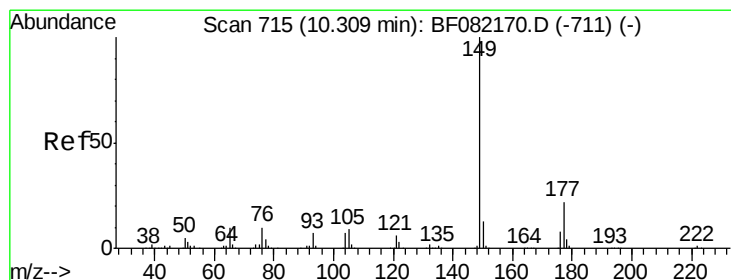
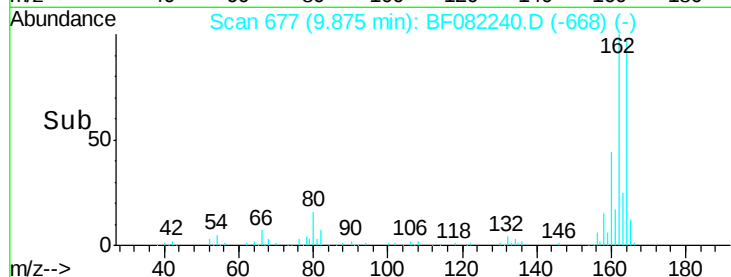
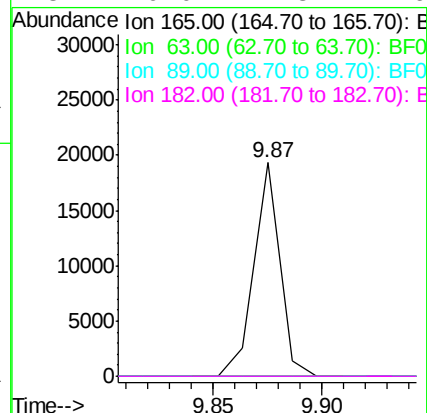
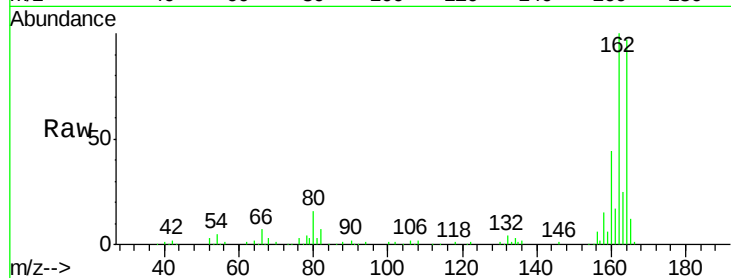




#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF082240.D
Acq: 13 Oct 2015 3:28

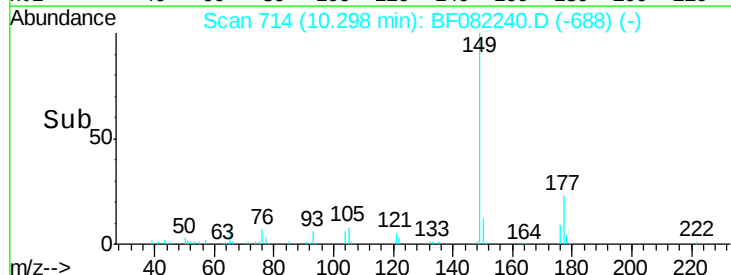
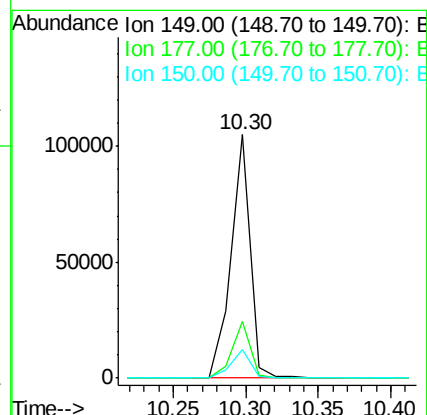
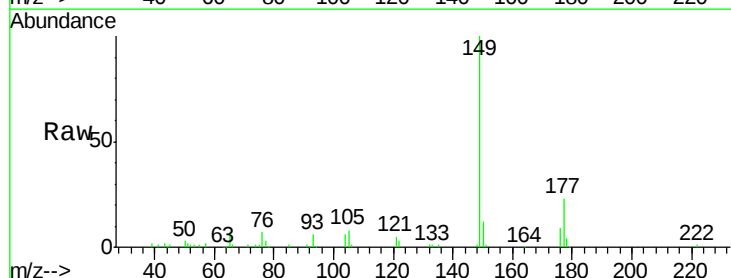
Instrument :
BNA_F
ClientSampleId :
TE-PMW(1A-11)

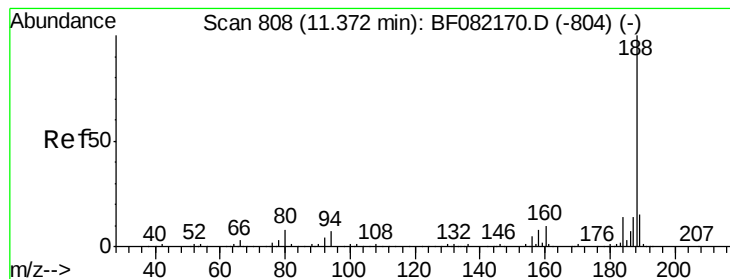
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



#59
Diethylphthalate
Concen: 11.54 ng
RT: 10.30 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF082240.D
Acq: 13 Oct 2015 3:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.6	26.4
150	11.6	10.3	15.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

Instrument :

BNA_F

ClientSampleId :

TE-PMW(1A-11)

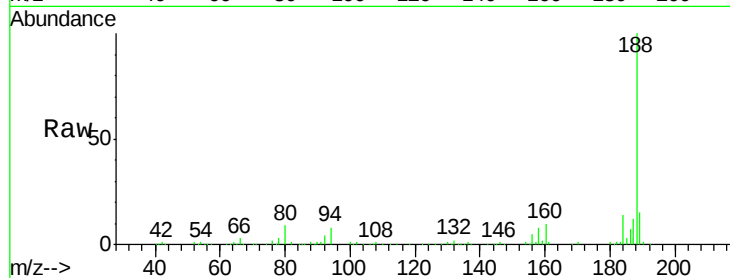
Tot Ion:188 Resp: 257242

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

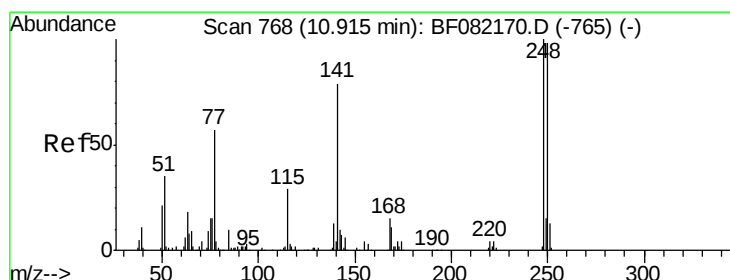
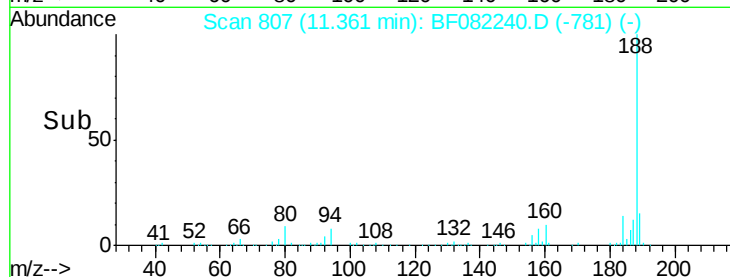
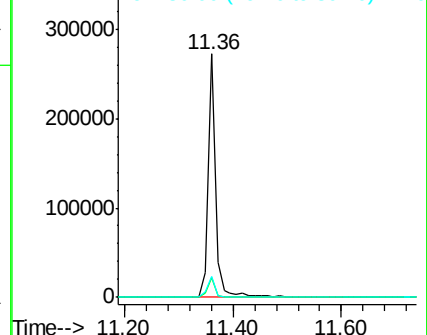
80 8.8 6.4 9.6



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: 4.37 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082240.D

Acq: 13 Oct 2015 3:28

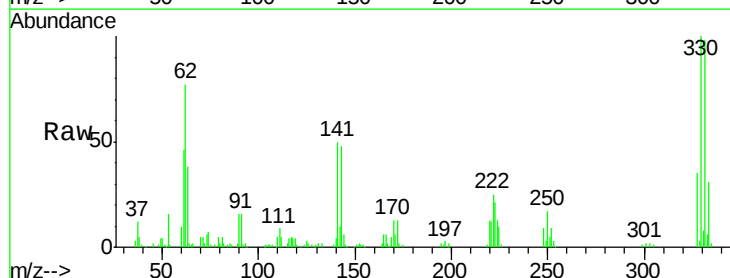
Tgt Ion:248 Resp: 11262

Ion Ratio Lower Upper

248 100

250 193.2 78.6 117.8#

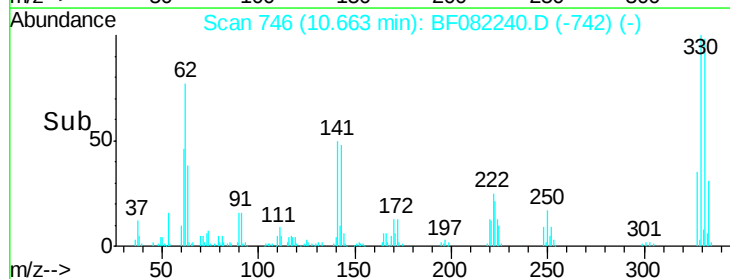
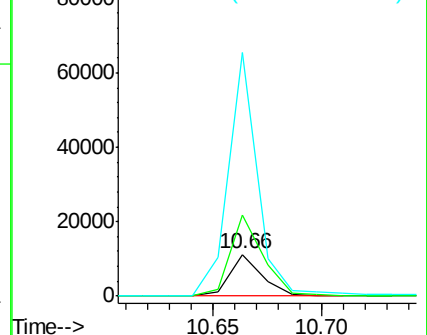
141 579.7 63.3 94.9#

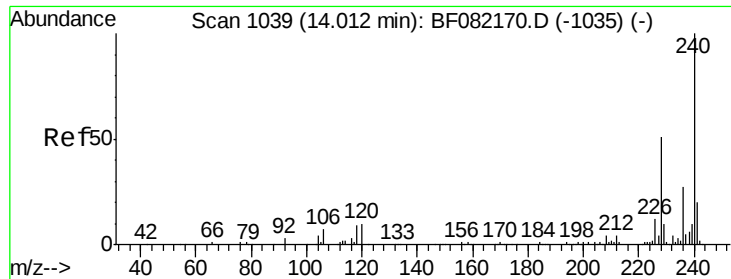


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

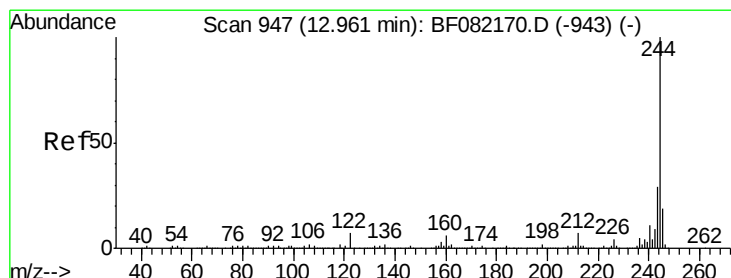
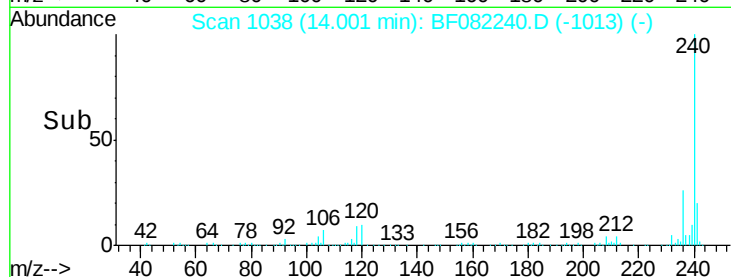
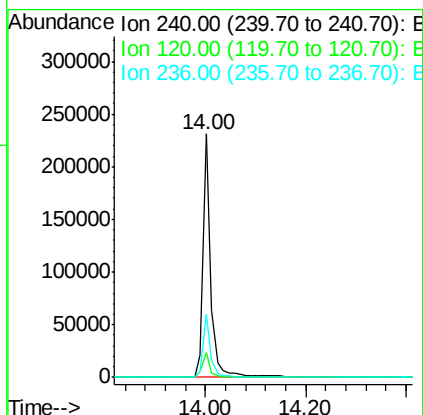
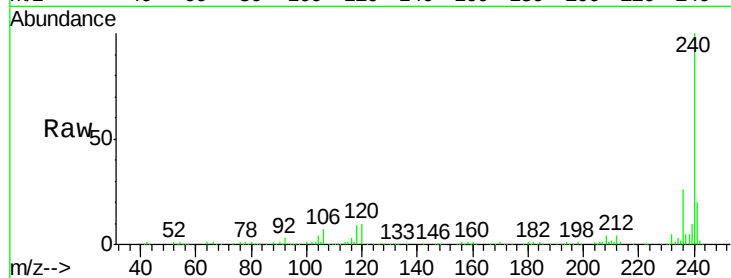




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082240.D
 Acq: 13 Oct 2015 3:28

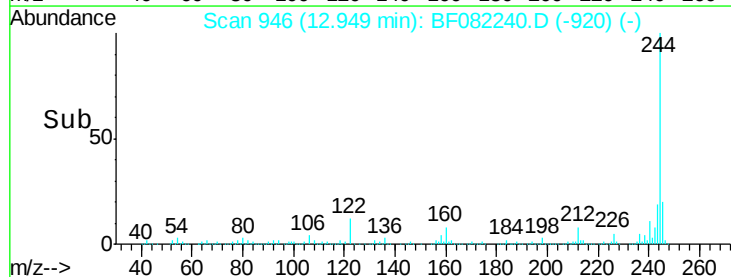
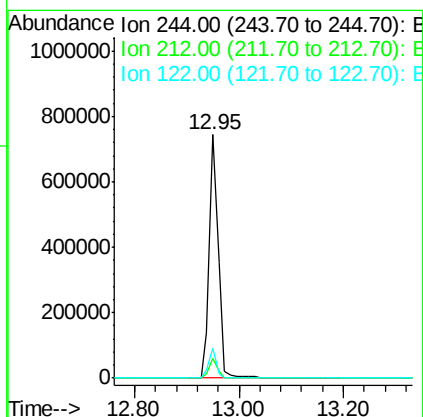
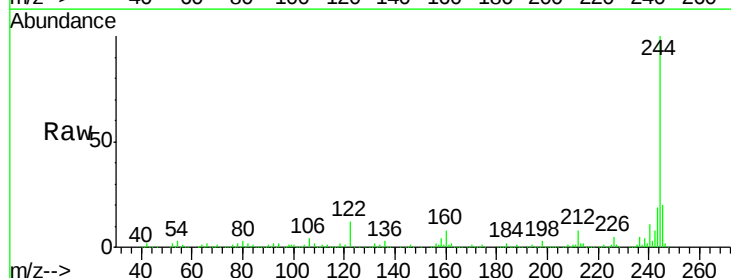
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(1A-11)

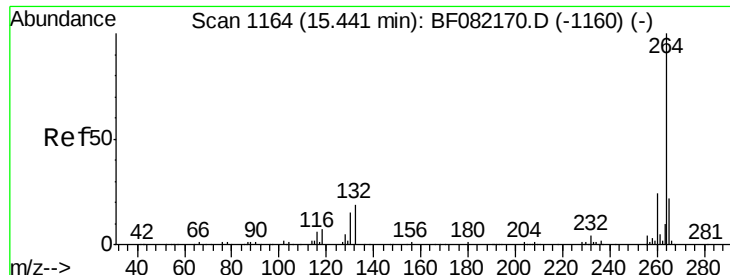
Tot Ion:240 Resp: 248639
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.1 12.1
 236 26.2 21.3 31.9



#78
 Terphenyl-d14
 Concen: 95.73 ng
 RT: 12.95 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF082240.D
 Acq: 13 Oct 2015 3:28

Tgt Ion:244 Resp: 898254
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 12.4 5.9 8.9#

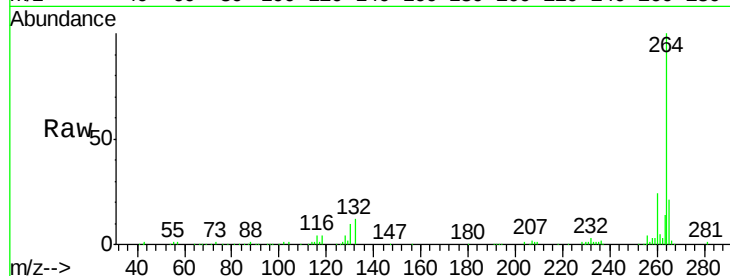




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082240.D
 Acq: 13 Oct 2015 3:28

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(1A-11)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	20.8	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

