

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082231.D
 Acq On : 12 Oct 2015 20:44
 Operator : UM/IZ
 Sample : G3990-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB2

Quant Time: Oct 13 02:10:25 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

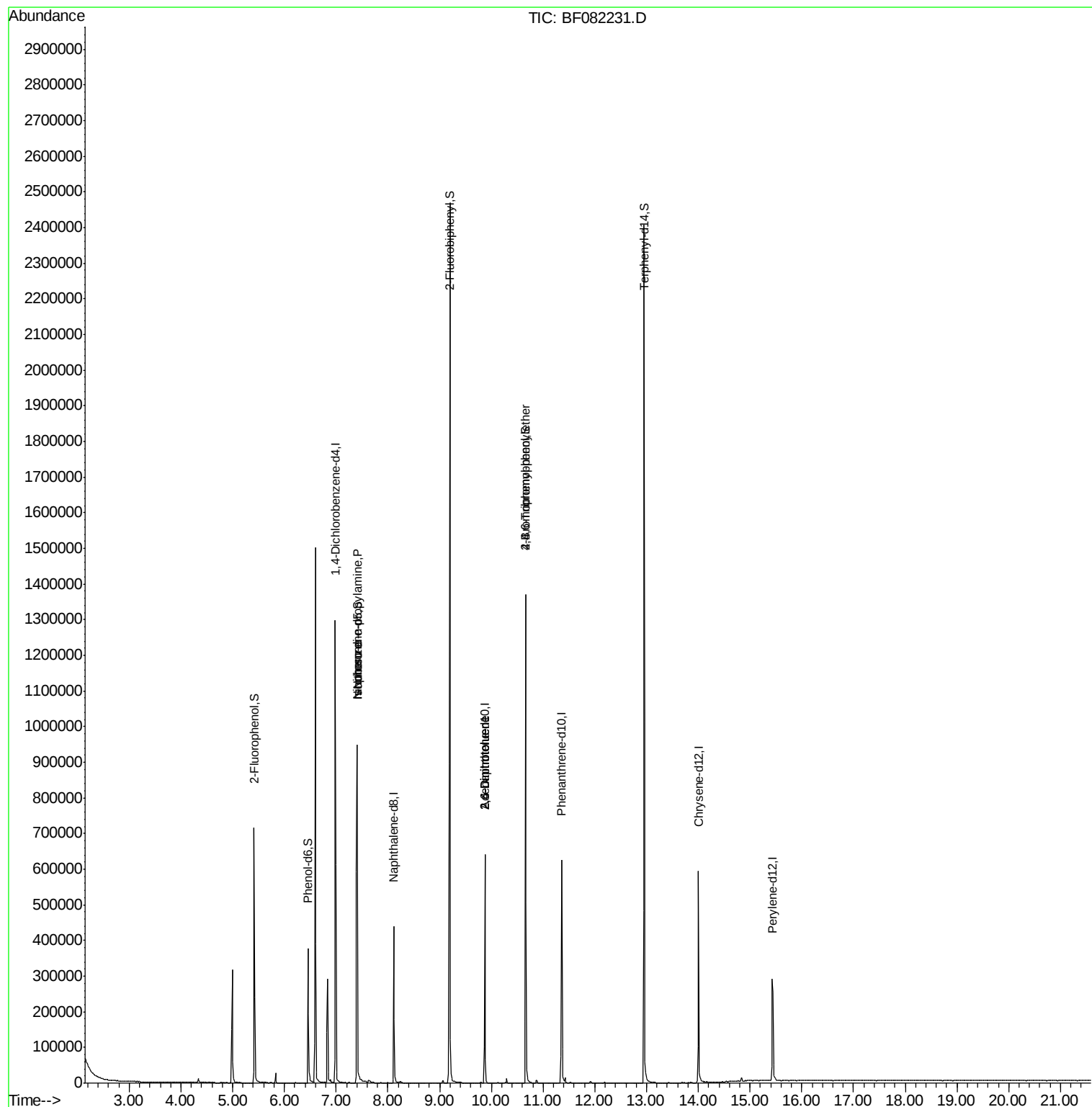
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	245330	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	243017	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	127370	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	259319	20.00	ng	0.00
75) Chrysene-d12	14.00	240	246254	20.00	ng	-0.01
86) Perylene-d12	15.43	264	181135	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	215177	17.70	ng	0.00
7) Phenol-d6	6.46	99	167779	10.61	ng	-0.01
23) Nitrobenzene-d5	7.41	82	428948	118.53	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	190188	159.22	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	868632	113.10	ng	0.00
78) Terphenyl-d14	12.95	244	982539	105.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	55465	4.99	ng	# 76
25) Isophorone	7.41	82	408976	56.00	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	15544	8.21	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	15544	6.57	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	12660	4.88	ng	# 1

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

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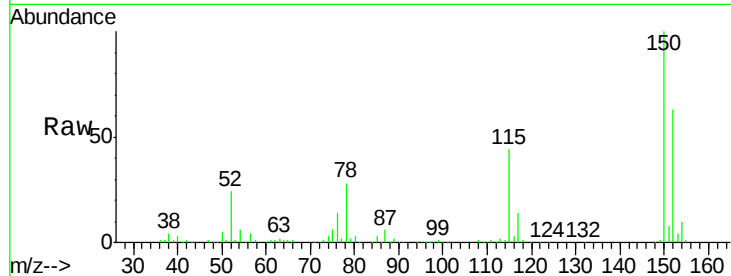


#1

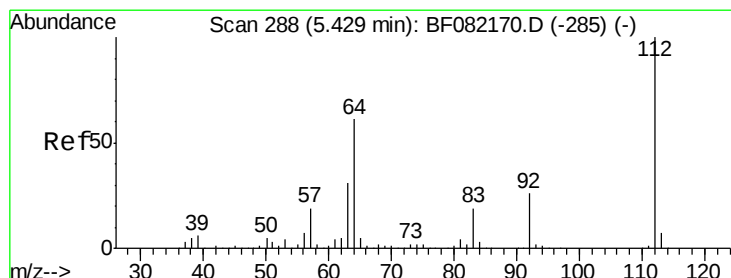
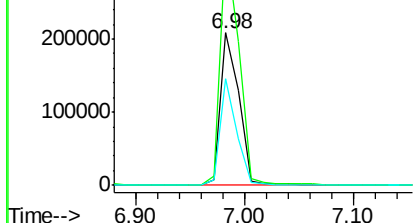
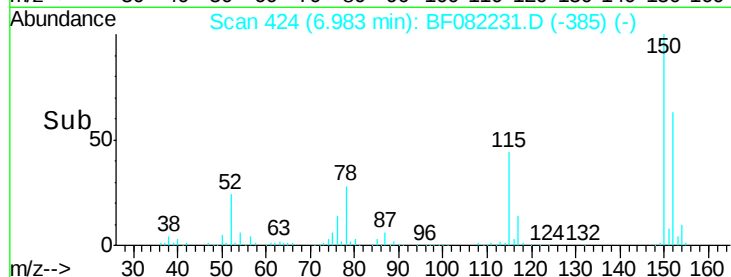
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.15 min
Lab File: BF082231.D
Acq: 12 Oct 2015 20:44

Instrument :
BNA_F
ClientSampleId :
FB2

Tot Ion:152 Resp: 245330
Ion Ratio Lower Upper
152 100
150 159.7 129.0 193.4
115 70.1 52.1 78.1



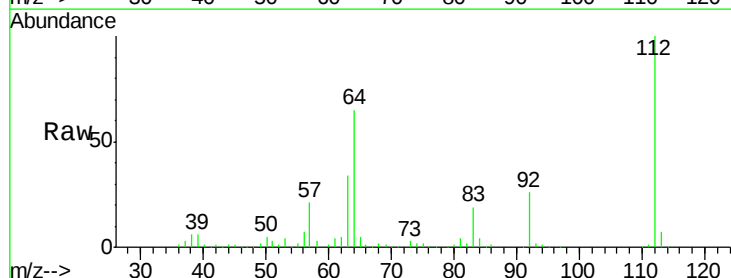
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



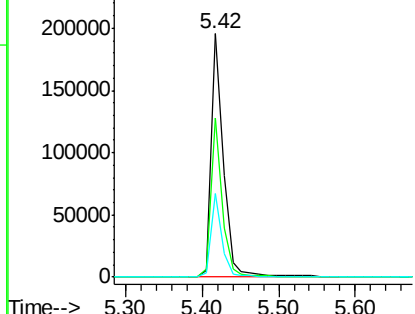
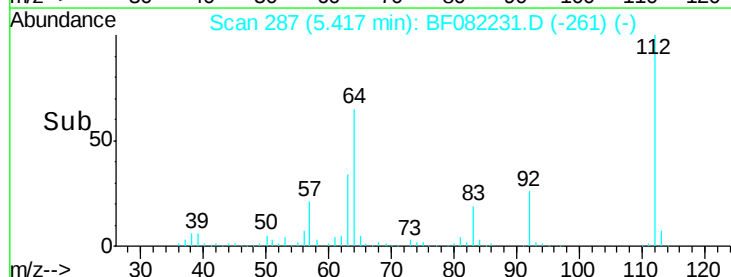
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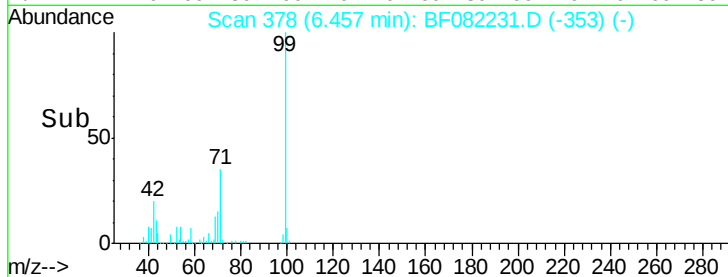
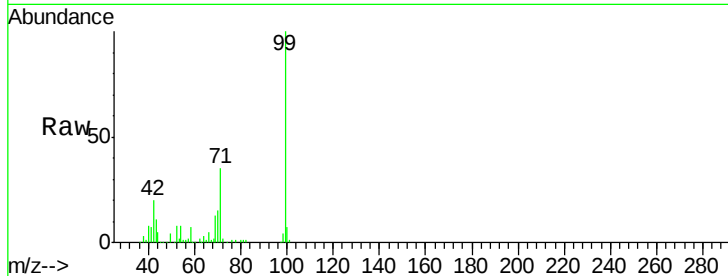
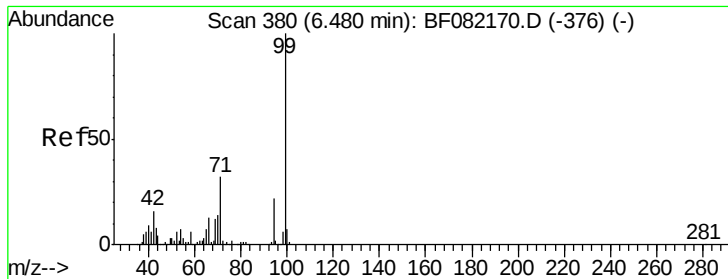
2-Fluorophenol
Concen: 17.70 ng
RT: 5.42 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF082231.D
Acq: 12 Oct 2015 20:44

Tgt Ion:112 Resp: 215177
Ion Ratio Lower Upper
112 100
64 65.4 48.6 73.0
63 34.1 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: 10.61 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Instrument :

BNA_F

ClientSampleId :

FB2

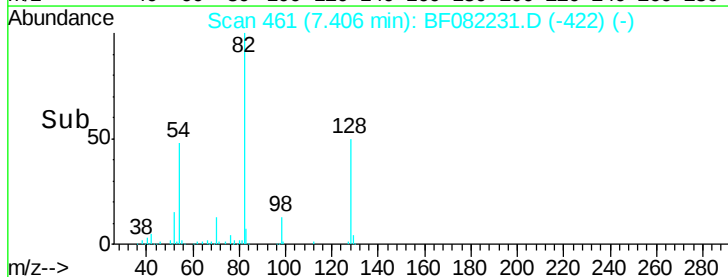
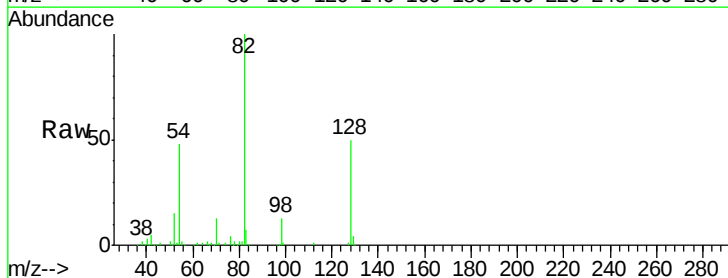
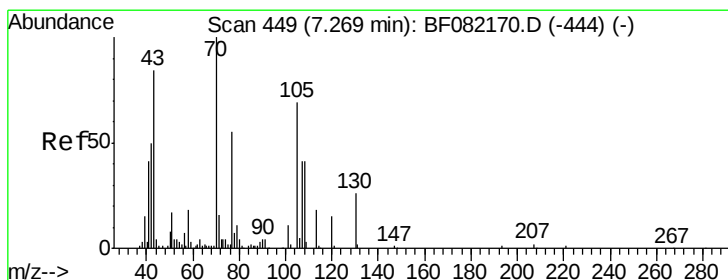
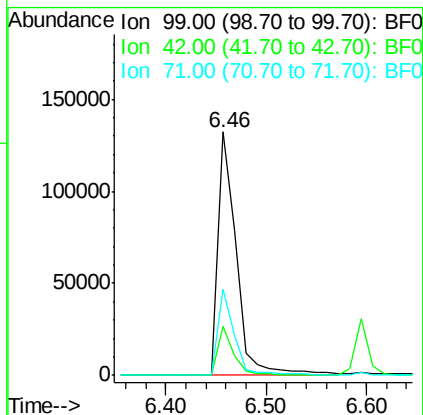
Tot Ion: 99 Resp: 167779

Ion Ratio Lower Upper

99 100

42 20.0 13.2 19.8#

71 35.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.99 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Tgt Ion: 70 Resp: 55465

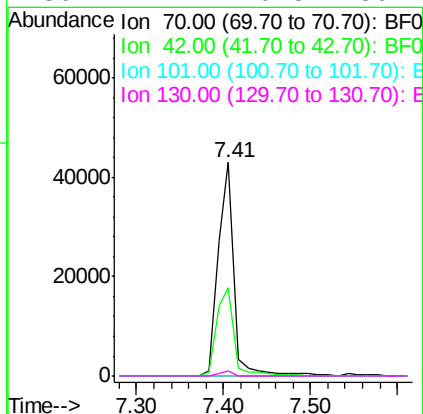
Ion Ratio Lower Upper

70 100

42 41.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.4 20.5 30.7#

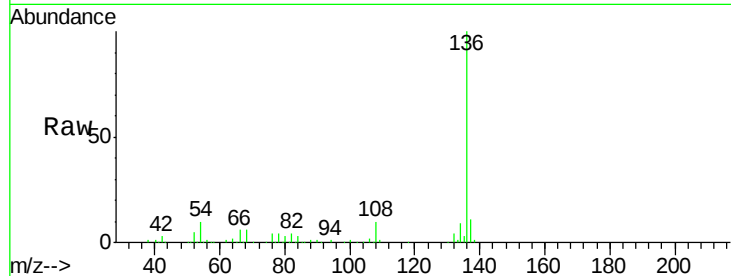




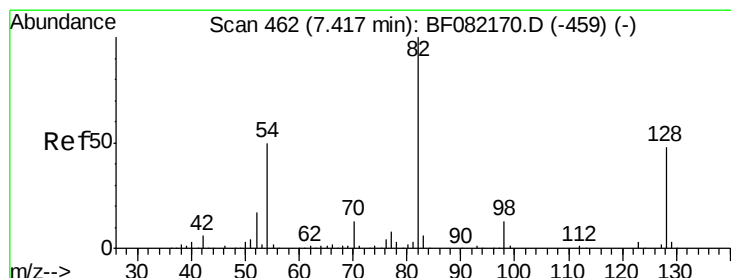
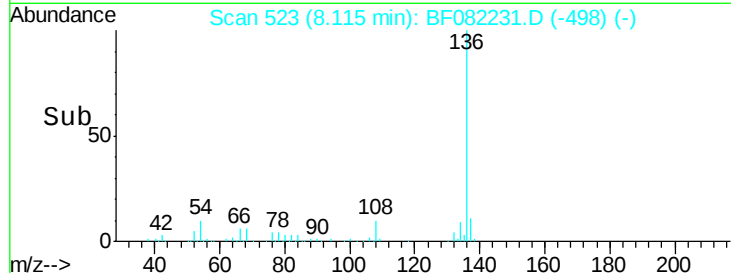
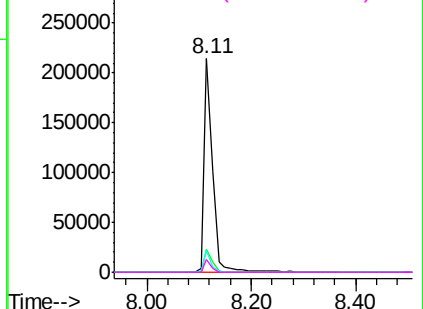
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF082231.D
Acq: 12 Oct 2015 20:44

Instrument :
BNA_F
ClientSampleId :
FB2

Tot Ion:136	Resp:	243017
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	10.1	7.5 11.3
68	6.2	4.6 7.0

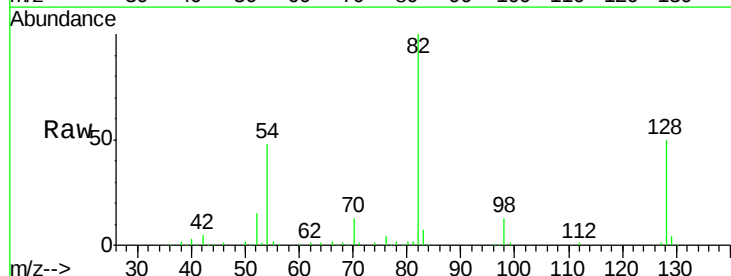


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

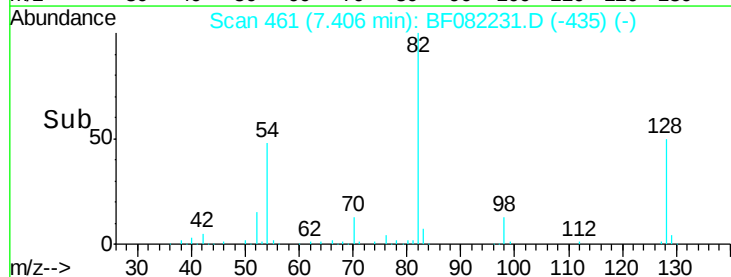
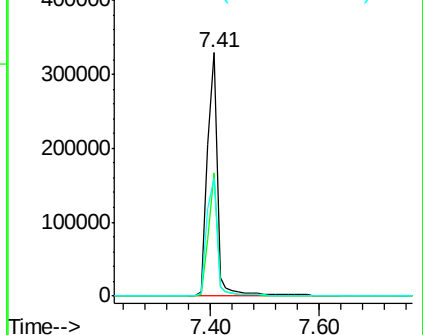


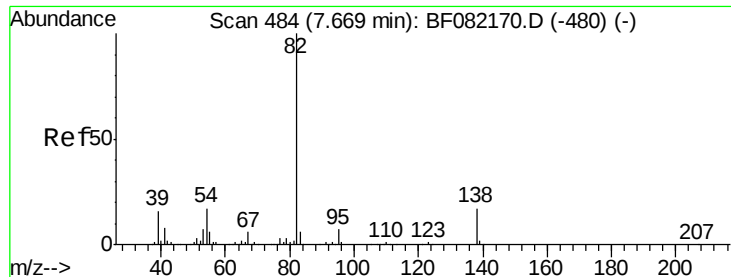
#23
Nitrobenzene-d5
Concen: 118.53 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF082231.D
Acq: 12 Oct 2015 20:44

Tgt Ion: 82	Resp:	428948
Ion Ratio	Lower	Upper
82	100	
128	50.4	38.7 58.1
54	48.3	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





#25

Isophorone

Concen: 56.00 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Instrument :

BNA_F

ClientSampleId :

FB2

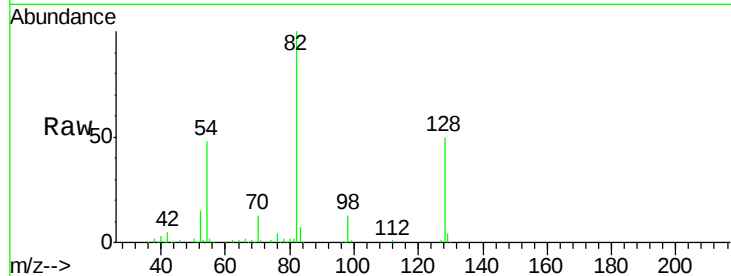
Tot Ion: 82 Resp: 408976

Ion Ratio Lower Upper

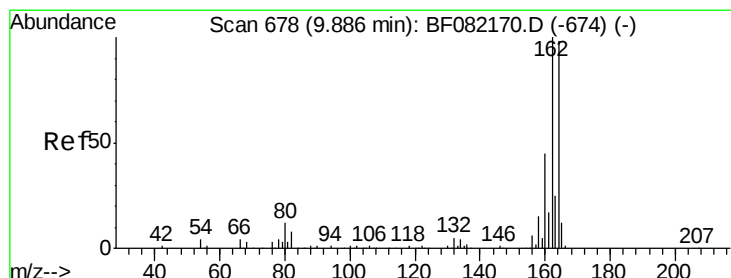
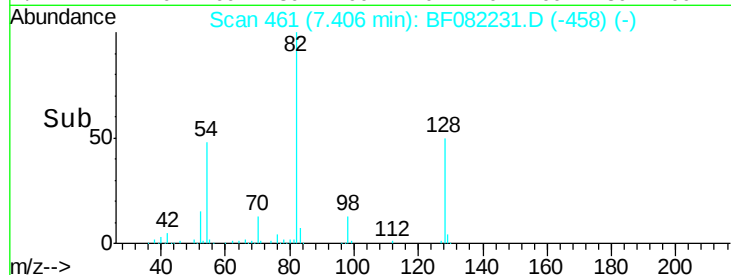
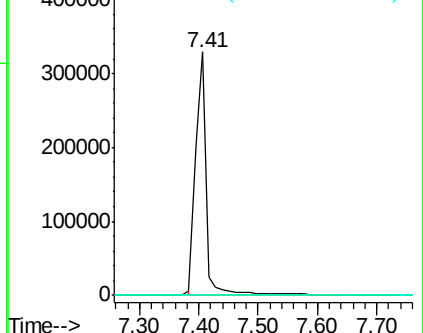
82 100

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: BF082231.D

Acq: 12 Oct 2015 20:44

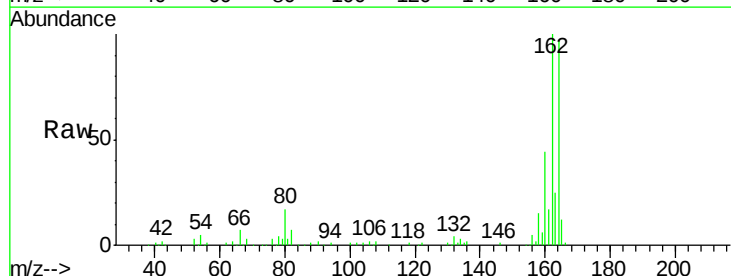
Tgt Ion:164 Resp: 127370

Ion Ratio Lower Upper

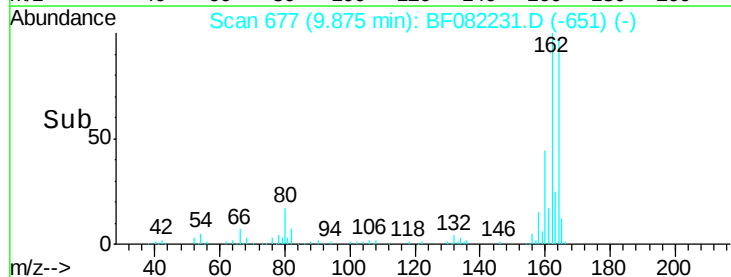
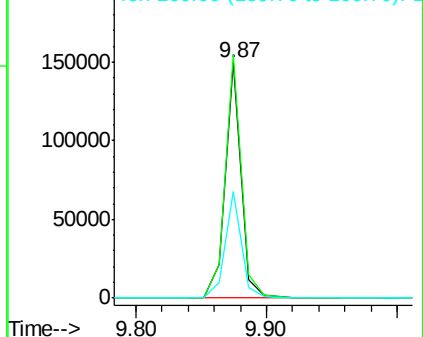
164 100

162 103.3 81.6 122.4

160 45.2 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

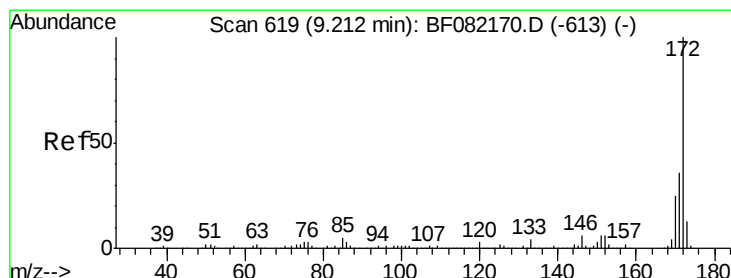
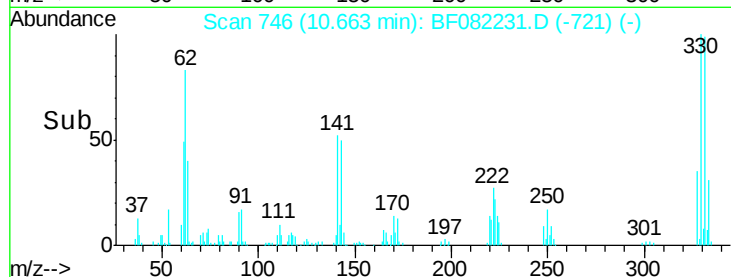
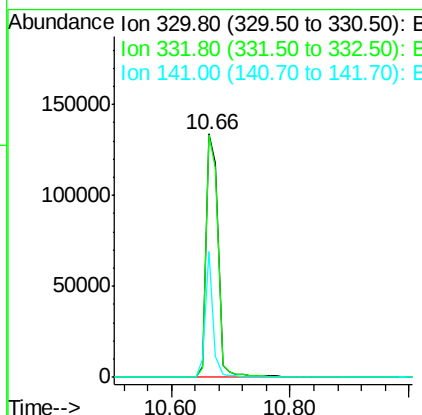
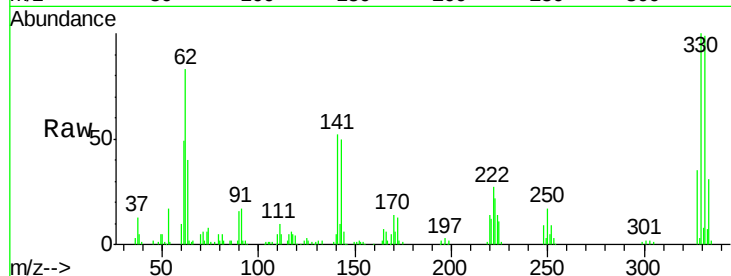




#41
 2,4,6-Tribromophenol
 Concen: 159.22 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082231.D
 Acq: 12 Oct 2015 20:44

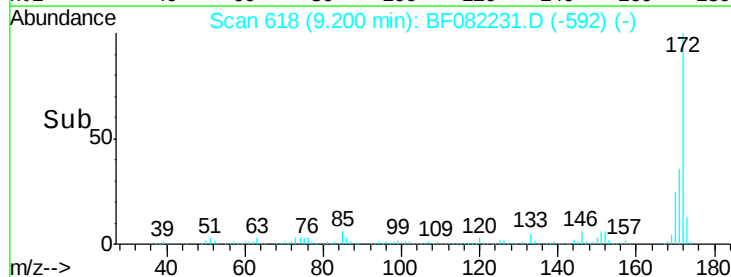
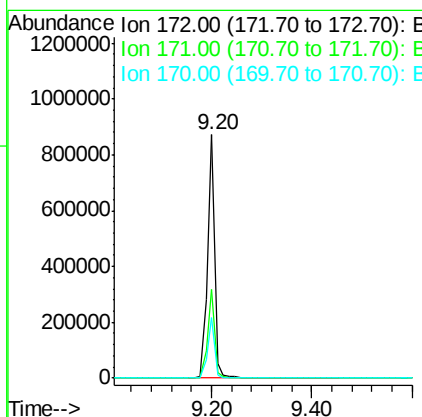
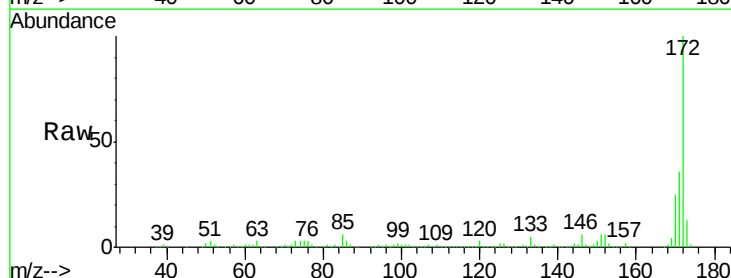
Instrument :
 BNA_F
 ClientSampleId :
 FB2

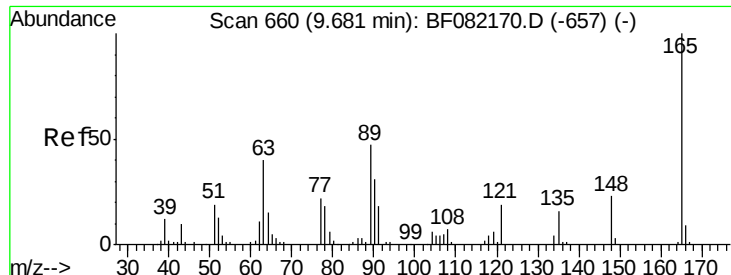
Tot Ion:330 Resp: 190188
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.1 115.7
 141 34.6 29.8 44.8



#44
 2-Fluorobiphenyl
 Concen: 113.10 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082231.D
 Acq: 12 Oct 2015 20:44

Tgt Ion:172 Resp: 868632
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.8 19.7 29.5

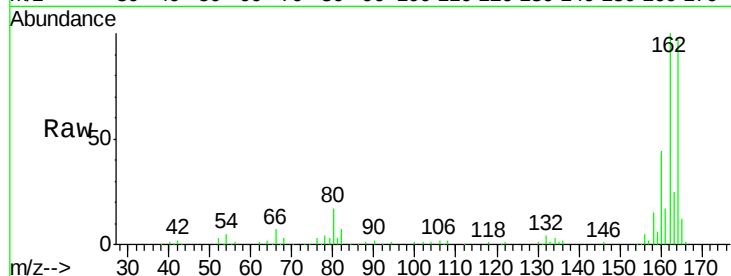




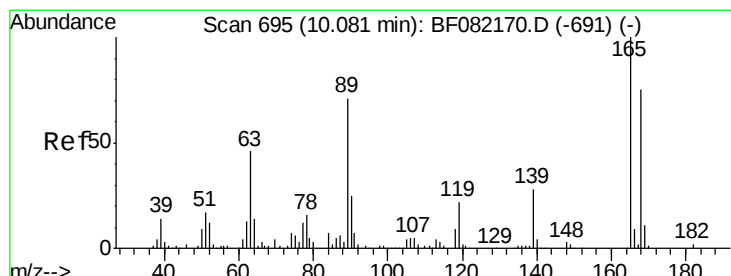
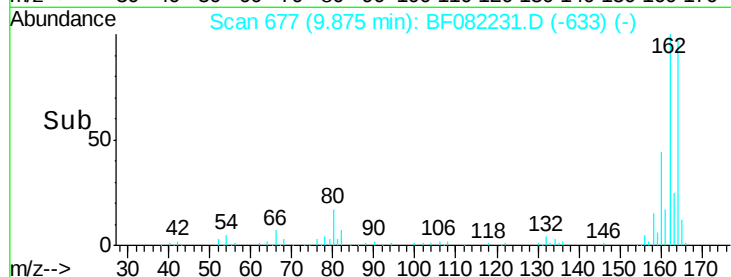
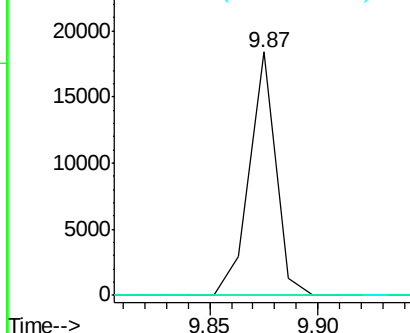
#50
 2,6-Dinitrotoluene
 Concen: 8.21 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF082231.D
 Acq: 12 Oct 2015 20:44

Instrument :
 BNA_F
 ClientSampleId :
 FB2

Tot Ion:165 Resp: 15544
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 0.0 37.8 56.6#



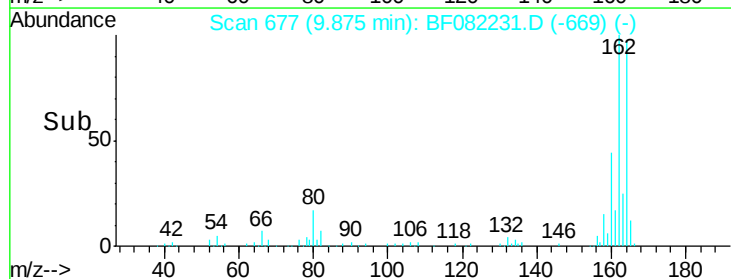
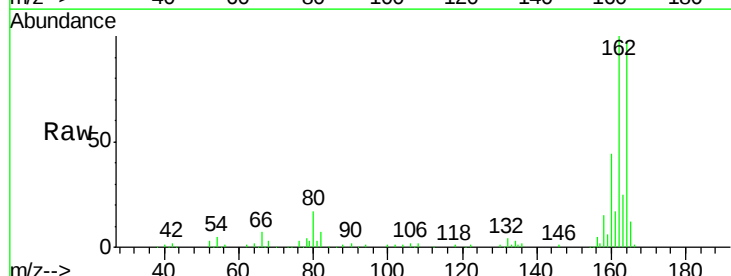
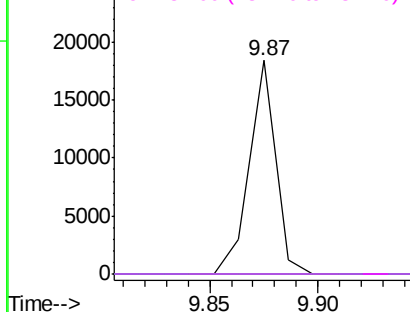
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

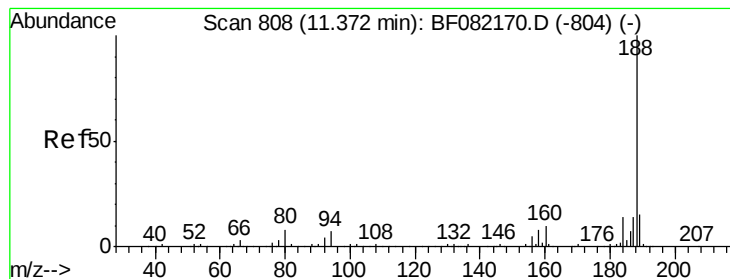


#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF082231.D
 Acq: 12 Oct 2015 20:44

Tgt Ion:165 Resp: 15544
 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. -0.00 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

Instrument :

BNA_F

ClientSampleId :

FB2

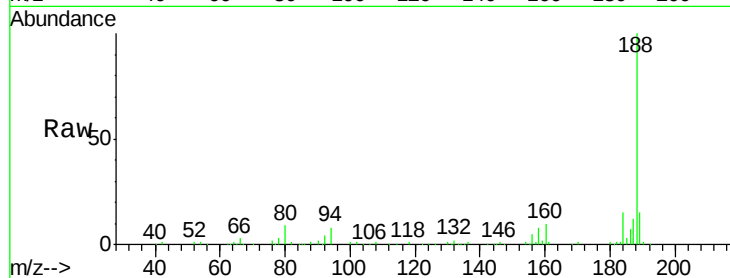
Tot Ion:188 Resp: 259319

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

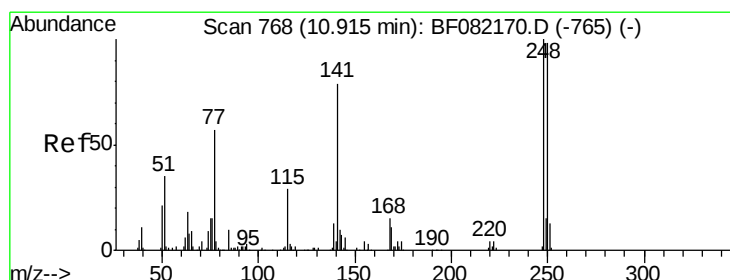
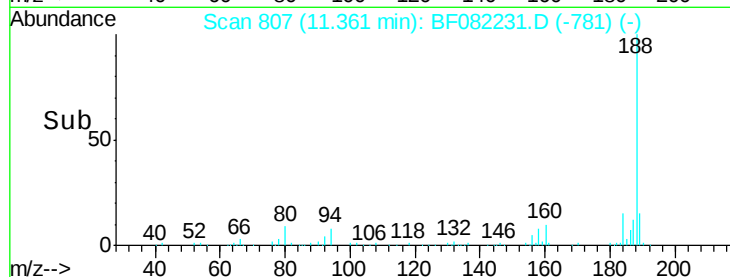
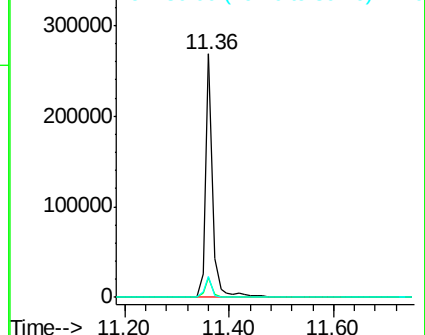
80 8.7 6.4 9.6



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: 4.88 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082231.D

Acq: 12 Oct 2015 20:44

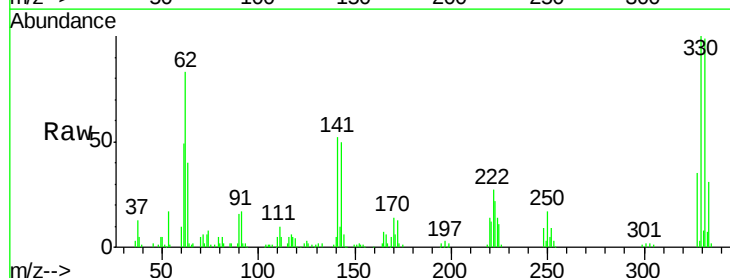
Tgt Ion:248 Resp: 12660

Ion Ratio Lower Upper

248 100

250 195.0 78.6 117.8#

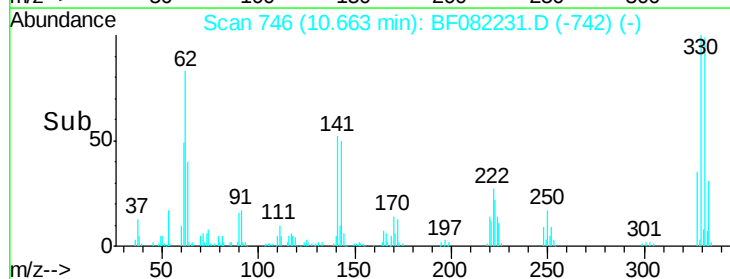
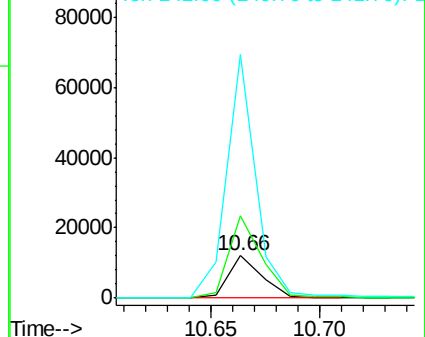
141 577.7 63.3 94.9#

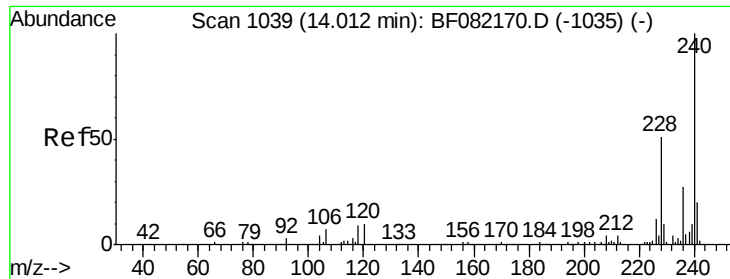


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

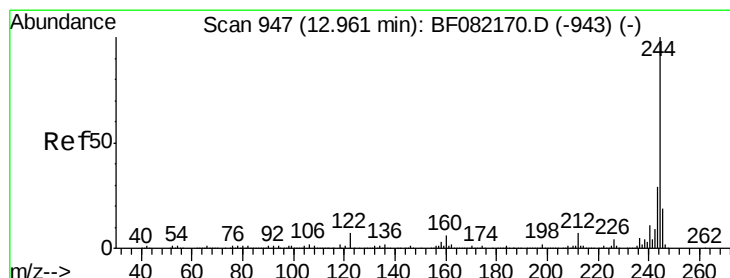
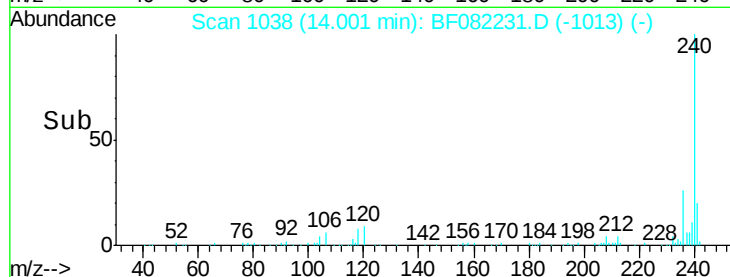
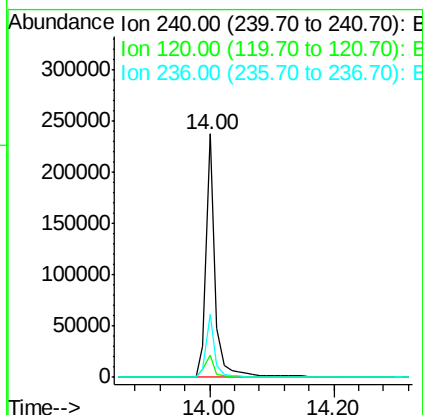
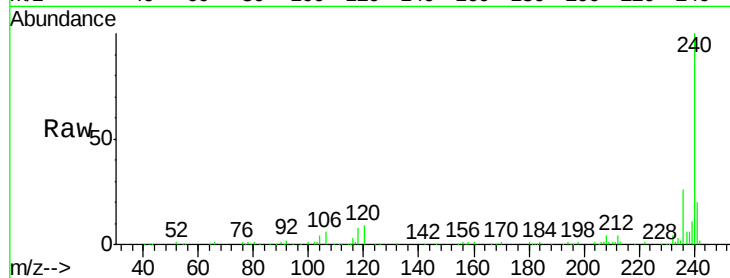




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082231.D
Acq: 12 Oct 2015 20:44

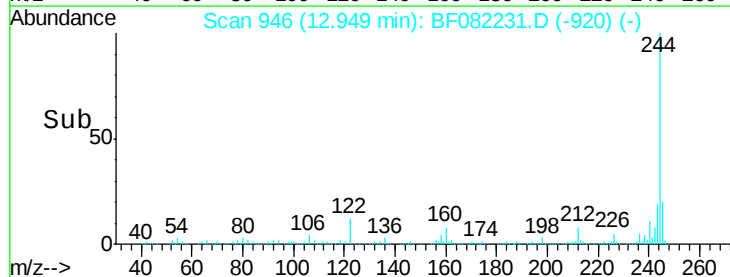
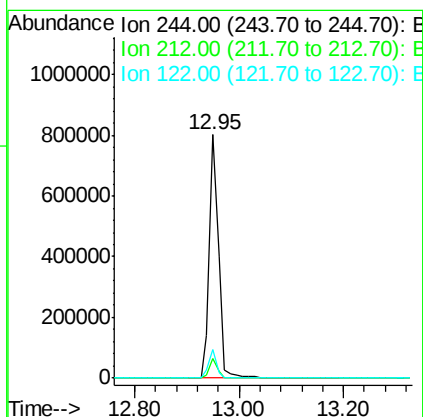
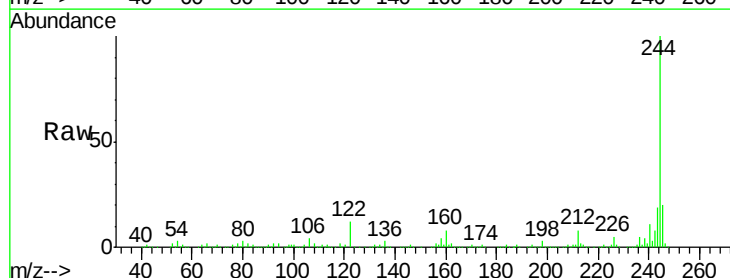
Instrument :
BNA_F
ClientSampleId :
FB2

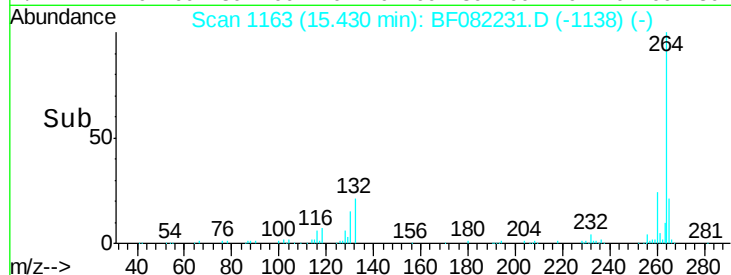
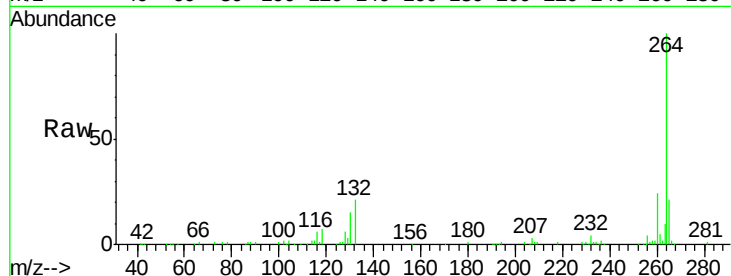
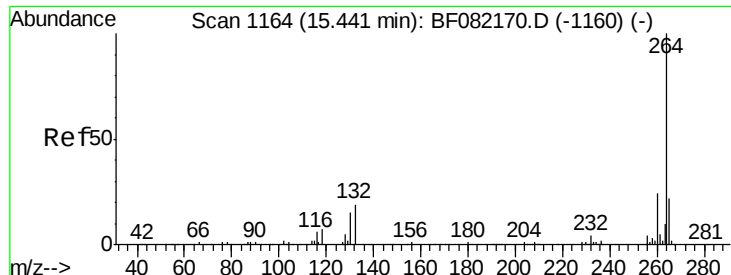
Tot Ion:240 Resp: 246254
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 25.8 21.3 31.9



#78
Terphenyl-d14
Concen: 105.73 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082231.D
Acq: 12 Oct 2015 20:44

Tgt Ion:244 Resp: 982539
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.6
122 11.8 5.9 8.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF082231.D
Acq: 12 Oct 2015 20:44

Instrument :
BNA_F
ClientSampleId :
FB2

Tot Ion:	264	Resp:	181135
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.4	17.3	25.9

