

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
 Data File : BF082206.D
 Acq On : 11 Oct 2015 6:10
 Operator : UM/IZ
 Sample : G3979-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 03:05:52 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 02:59:50 2015
 Response via : Initial Calibration

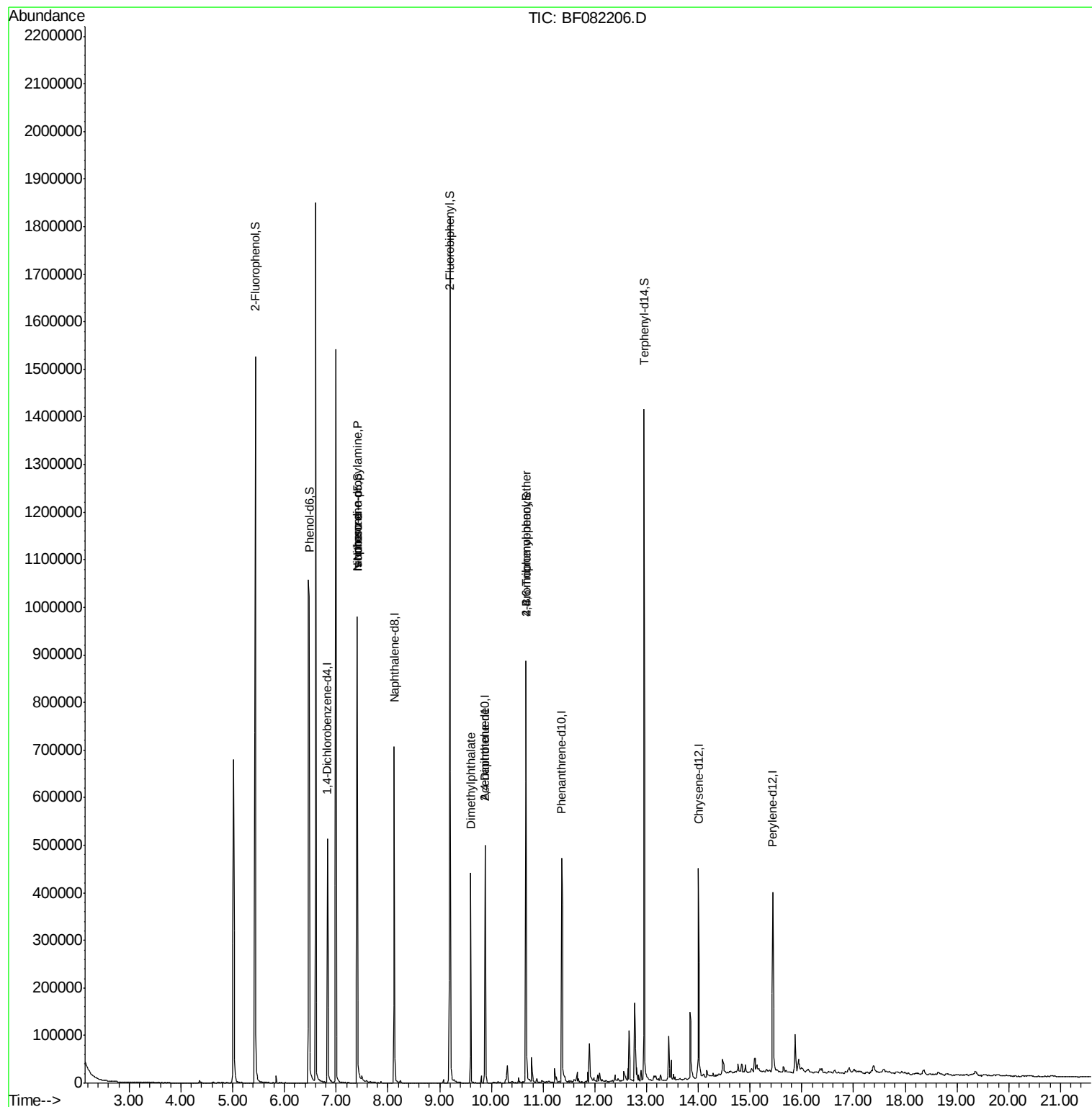
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88628	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	343593	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	154998	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	273274	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	211198	20.00	ng	-0.01
86) Perylene-d12	15.44	264	192151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	484228	110.27	ng	0.01
7) Phenol-d6	6.48	99	617790	108.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	363294	71.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	154302	106.15	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	681759	72.94	ng	-0.01
78) Terphenyl-d14	12.95	244	560401	70.31	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	46359	11.55	ng	# 81
25) Isophorone	7.41	82	297552	28.81	ng	# 66
49) Dimethylphthalate	9.60	163	179040	16.40	ng	99
56) 2,4-Dinitrotoluene	9.87	165	19732	6.86	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	10402	3.80	ng	# 1

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

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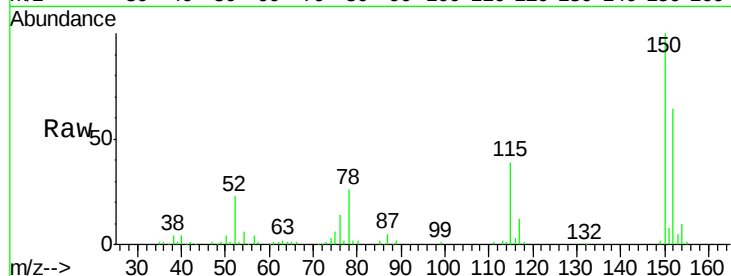


#1

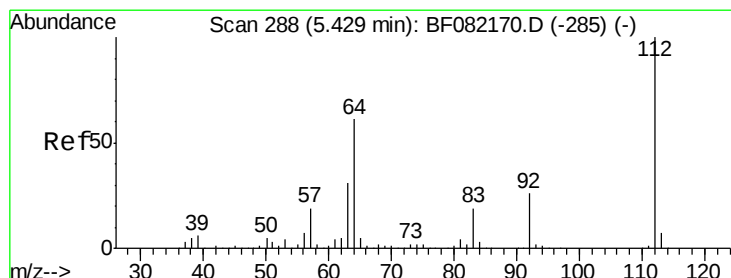
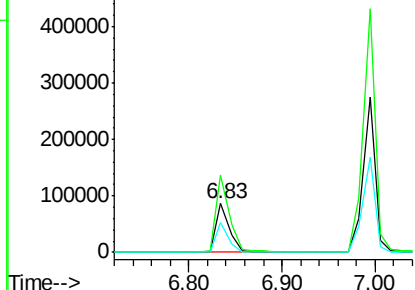
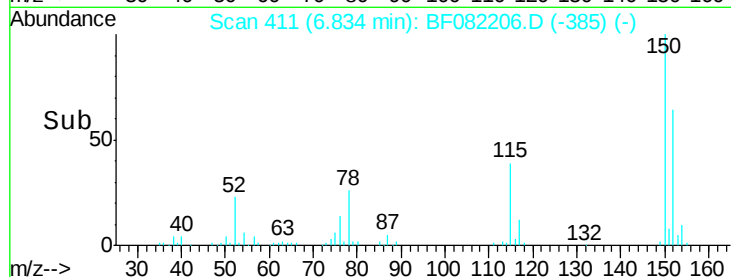
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082206.D
Acq: 11 Oct 2015 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88628
Ion Ratio Lower Upper
152 100
150 157.2 129.0 193.4
115 61.2 52.1 78.1



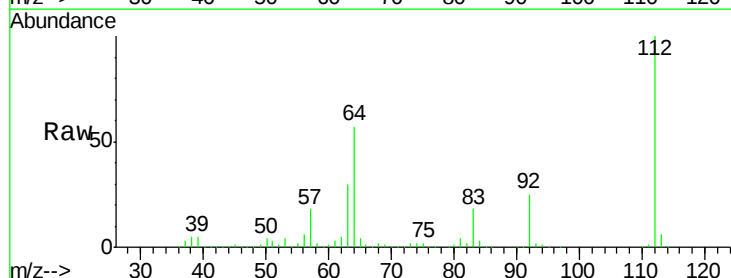
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



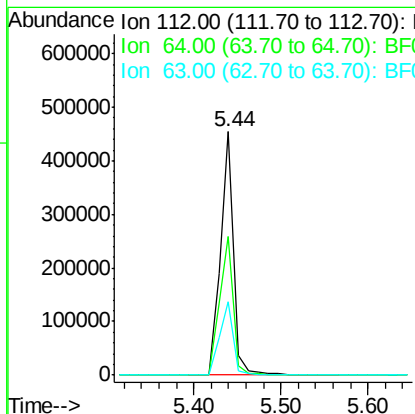
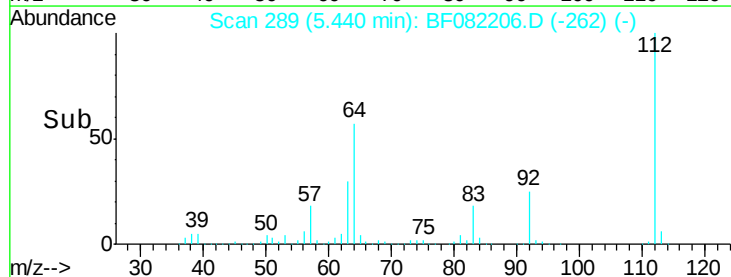
#5

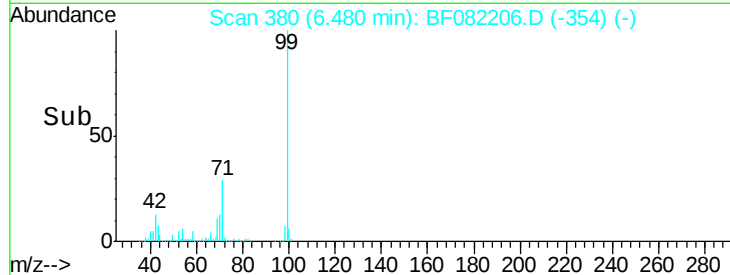
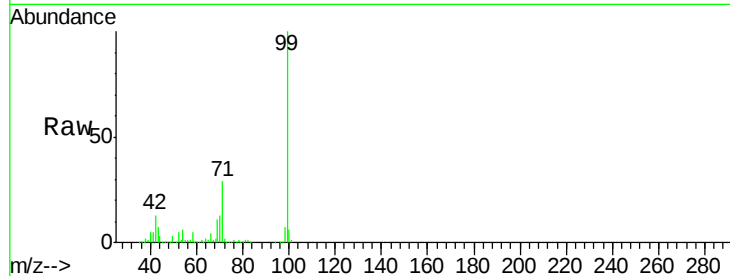
2-Fluorophenol
Concen: 110.27 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082206.D
Acq: 11 Oct 2015 6:10

Tgt Ion:112 Resp: 484228
Ion Ratio Lower Upper
112 100
64 57.1 48.6 73.0
63 30.1 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: 108.11 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082206.D

Acq: 11 Oct 2015 6:10

Instrument :

BNA_F

ClientSampleId :

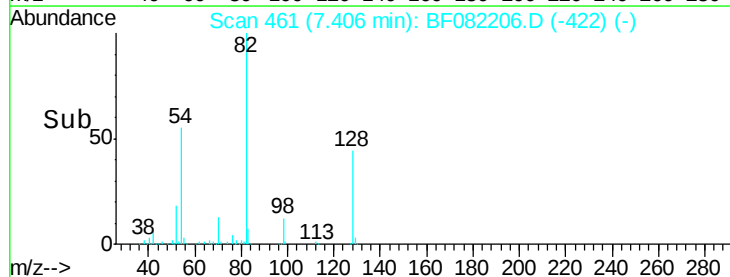
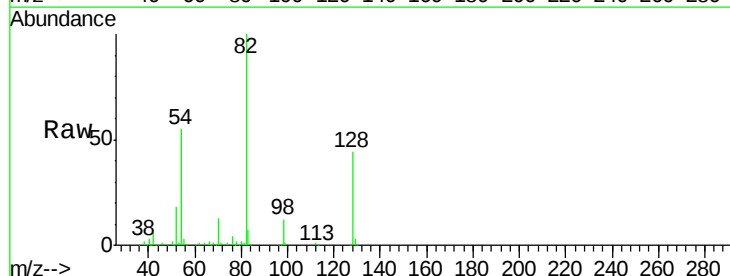
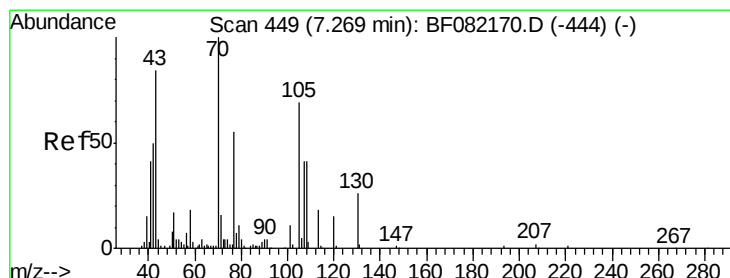
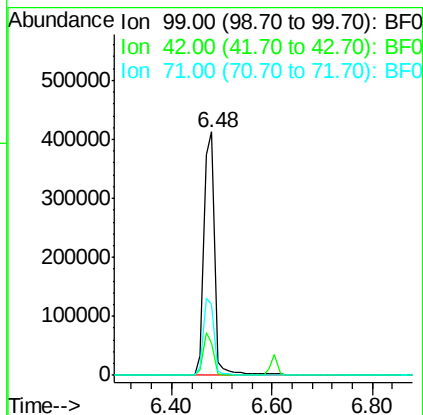
Tot Ion: 99 Resp: 617790

Ion Ratio Lower Upper

99 100

42 13.3 13.2 19.8

71 29.0 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.55 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082206.D

Acq: 11 Oct 2015 6:10

Tgt Ion: 70 Resp: 46359

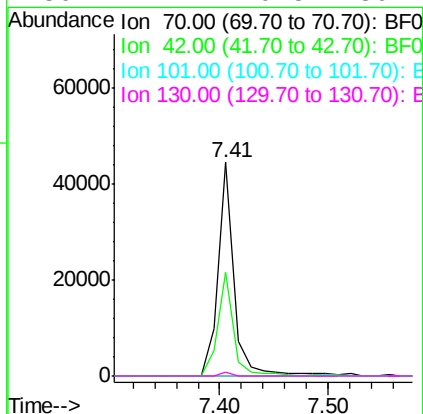
Ion Ratio Lower Upper

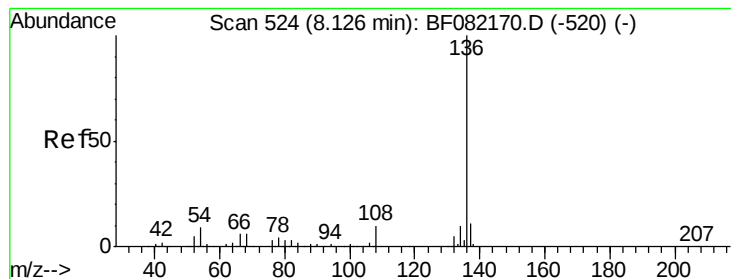
70 100

42 48.3 39.8 59.8

101 0.0 8.6 13.0#

130 2.1 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082206.D

Acq: 11 Oct 2015 6:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 343593

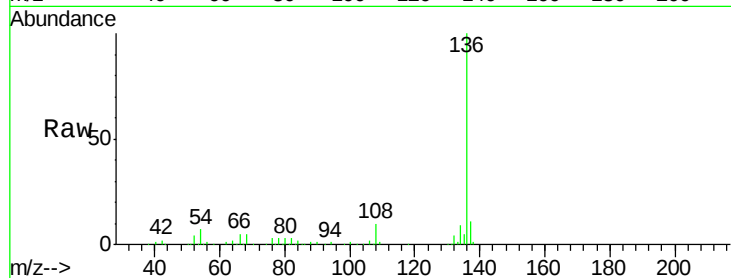
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.3 7.5 11.3#

68 4.9 4.6 7.0

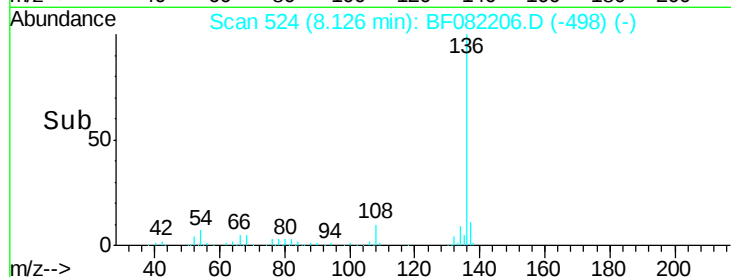


Abundance Ion 136.00 (135.70 to 136.70): E

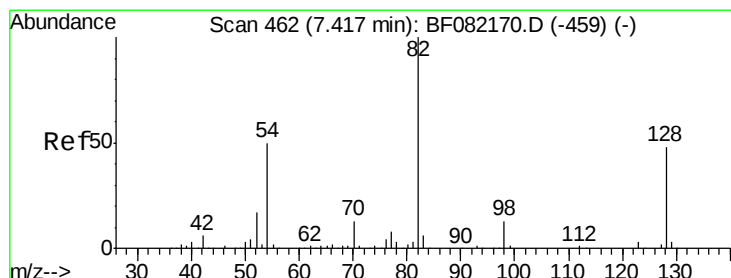
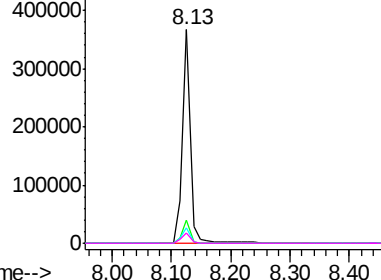
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 71.01 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF082206.D

Acq: 11 Oct 2015 6:10

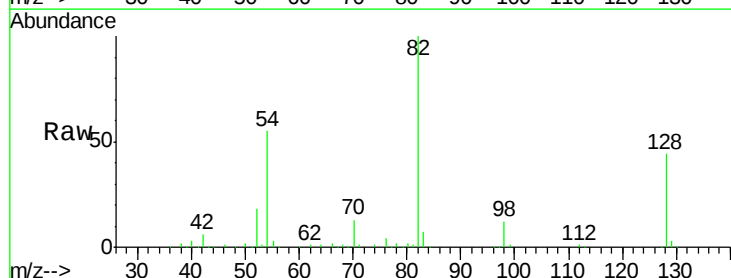
Tgt Ion: 82 Resp: 363294

Ion Ratio Lower Upper

82 100

128 43.6 38.7 58.1

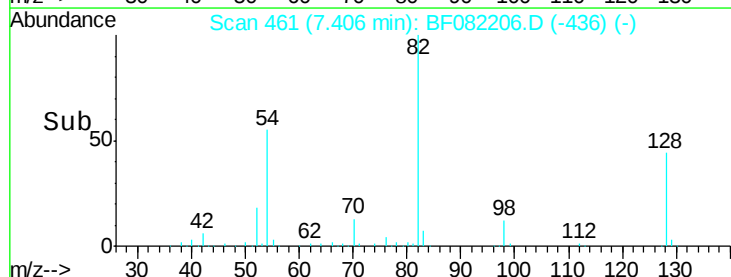
54 55.0 40.1 60.1



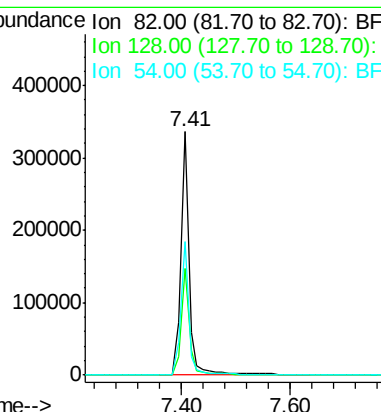
Abundance Ion 82.00 (81.70 to 82.70): BF0

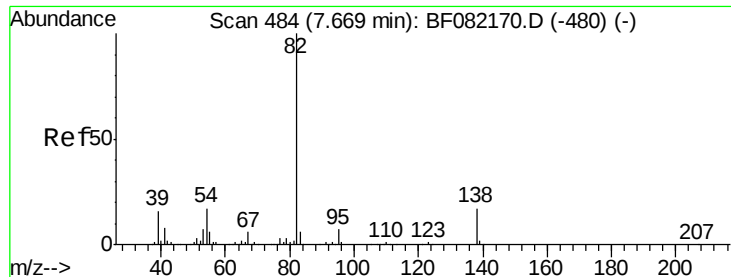
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 28.81 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082206.D

Acq: 11 Oct 2015 6:10

Instrument :

BNA_F

ClientSampleId :

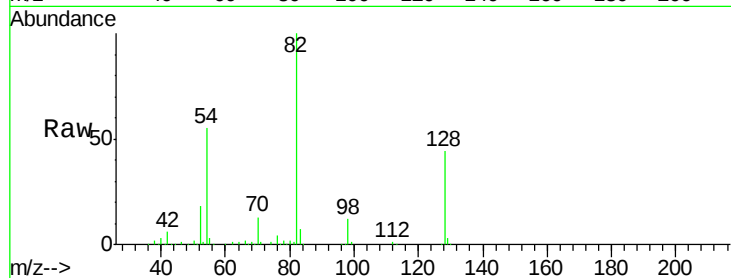
Tot Ion: 82 Resp: 297552

Ion Ratio Lower Upper

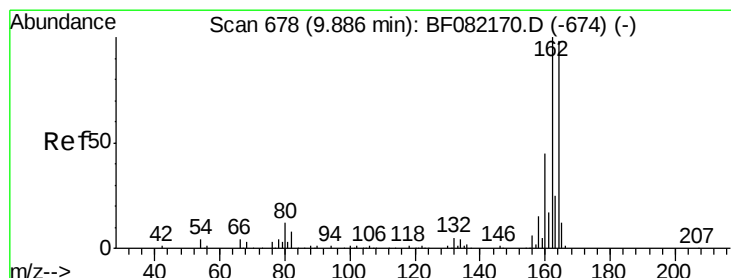
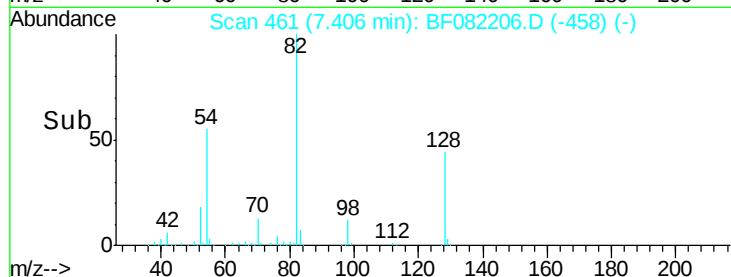
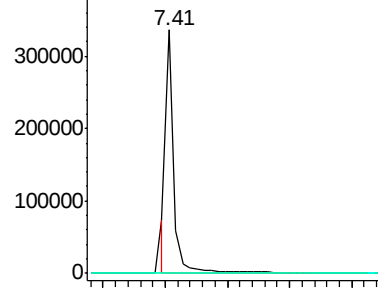
82 100

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. -0.01 min

Lab File: BF082206.D

Acq: 11 Oct 2015 6:10

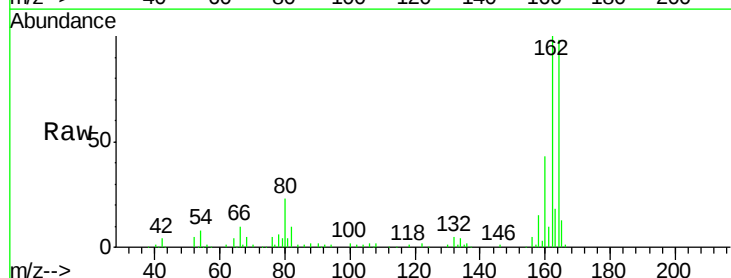
Tgt Ion:164 Resp: 154998

Ion Ratio Lower Upper

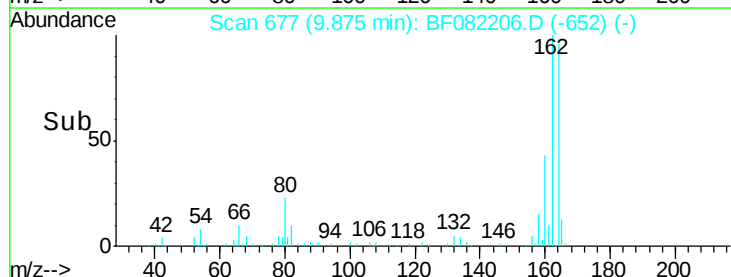
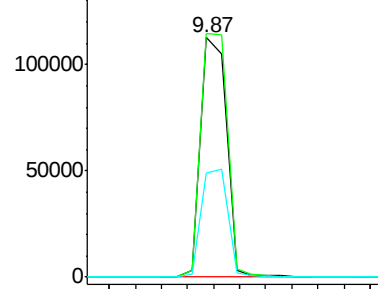
164 100

162 101.7 81.6 122.4

160 43.2 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

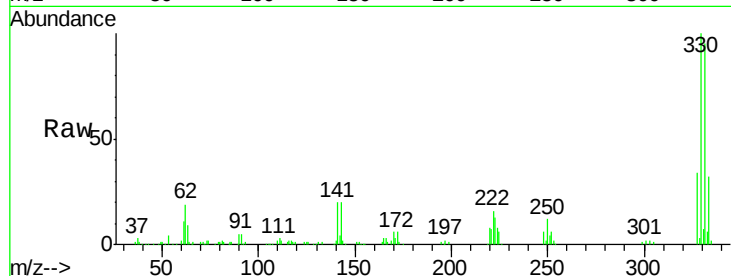




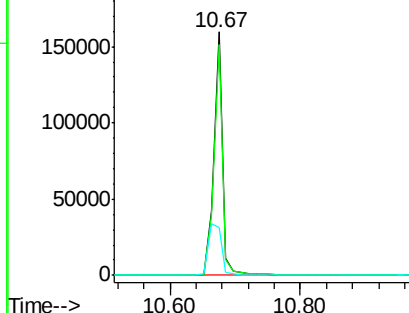
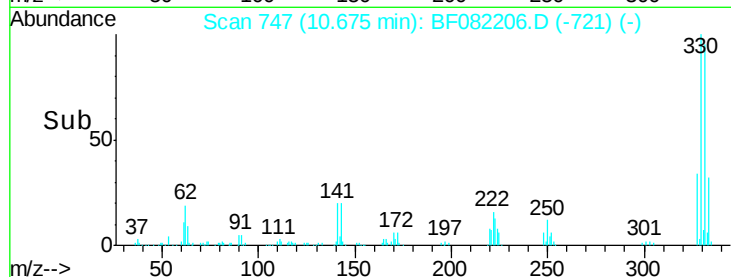
#41
 2,4,6-Tribromophenol
 Concen: 106.15 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082206.D
 Acq: 11 Oct 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	31.7	29.8	44.8

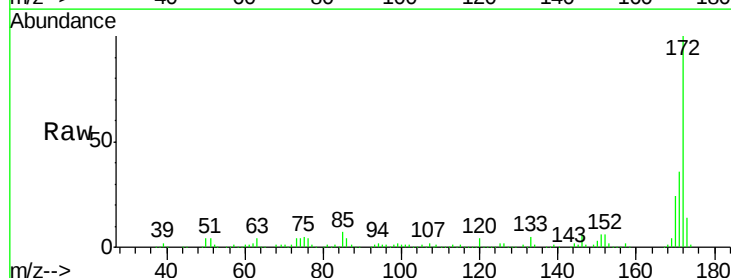


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

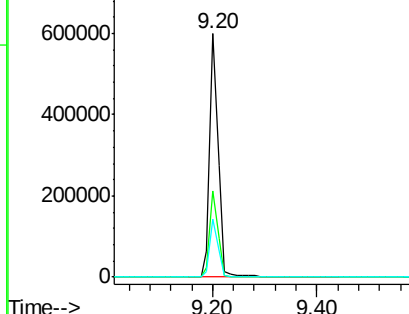
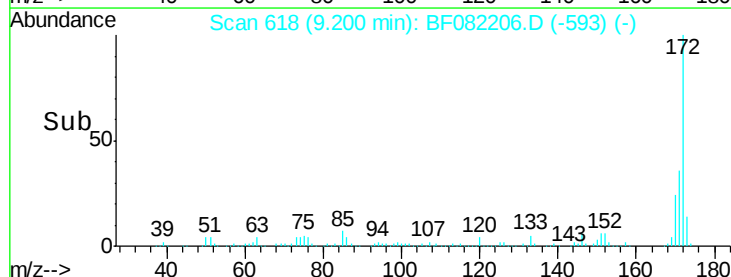


#44
 2-Fluorobiphenyl
 Concen: 72.94 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082206.D
 Acq: 11 Oct 2015 6:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	24.1	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

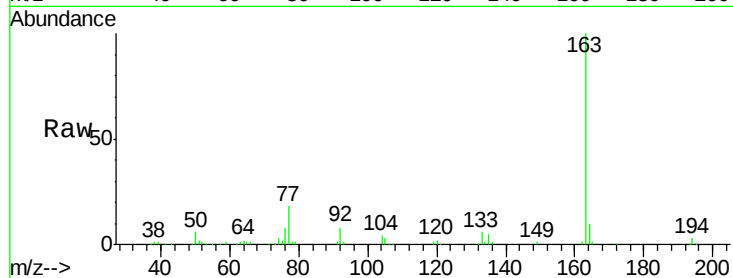




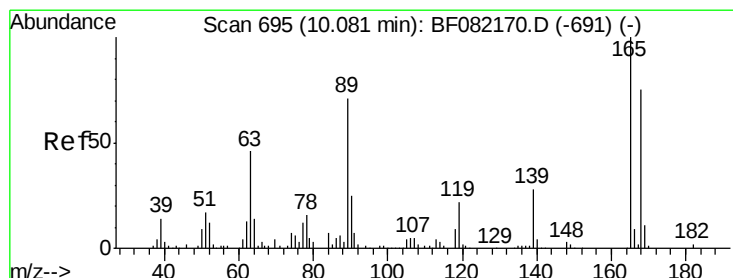
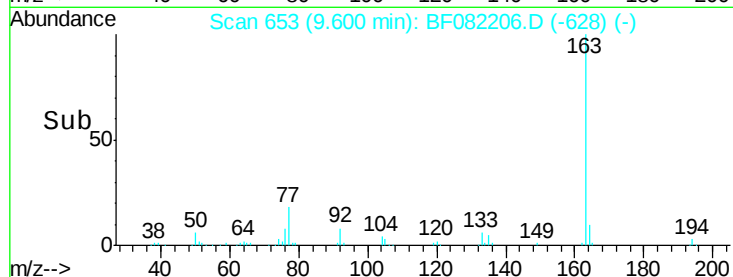
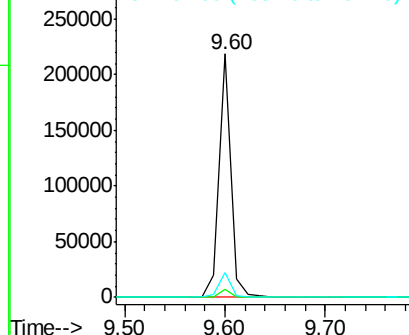
#49
Dimethylphthalate
Concen: 16.40 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082206.D
Acq: 11 Oct 2015 6:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 179040
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.5 12.7

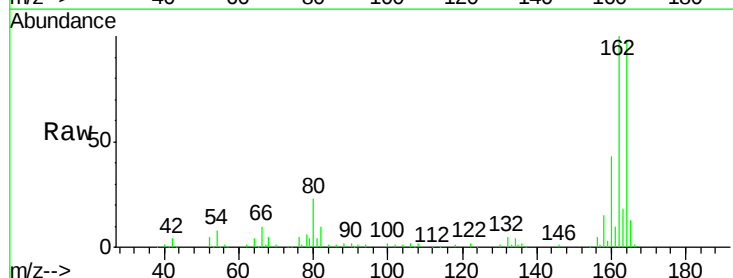


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

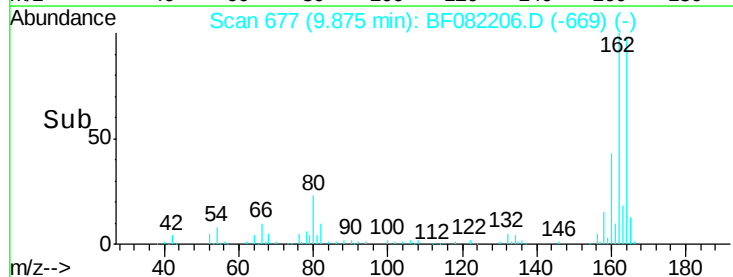
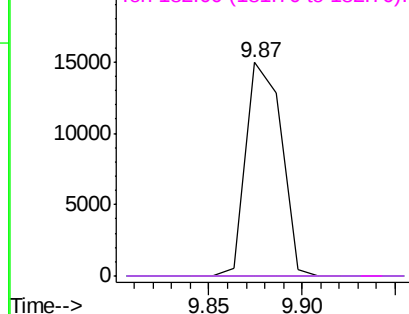


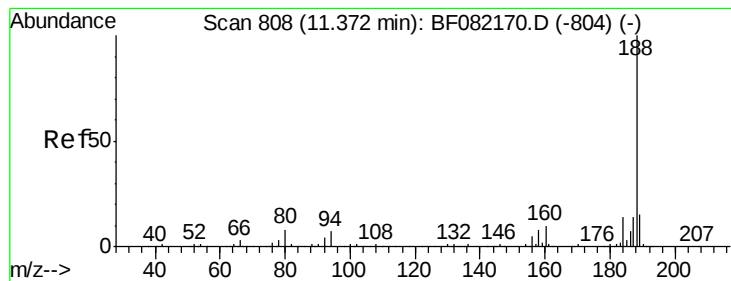
#56
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082206.D
Acq: 11 Oct 2015 6:10

Tgt Ion:165 Resp: 19732
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: BF082206.D

Acq: 11 Oct 2015 6:10

Instrument :

BNA_F

ClientSampleId :

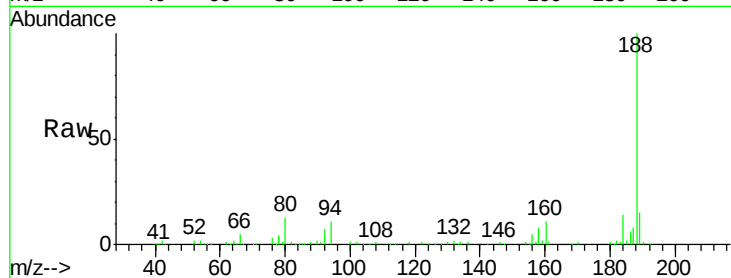
Tot Ion:188 Resp: 273274

Ion Ratio Lower Upper

188 100

94 11.1 5.8 8.6#

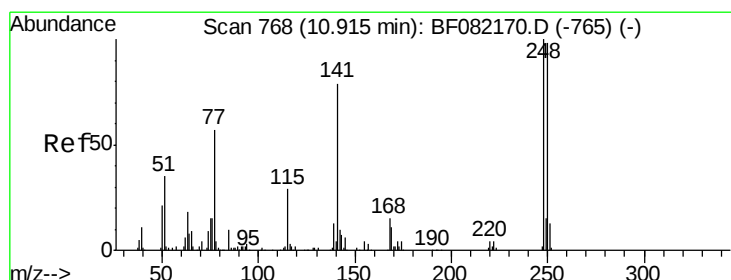
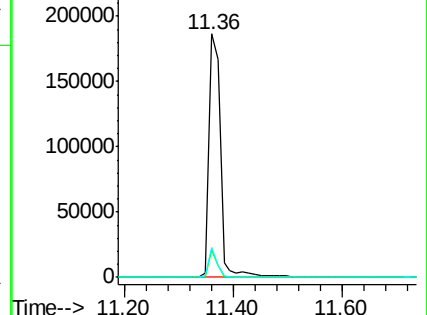
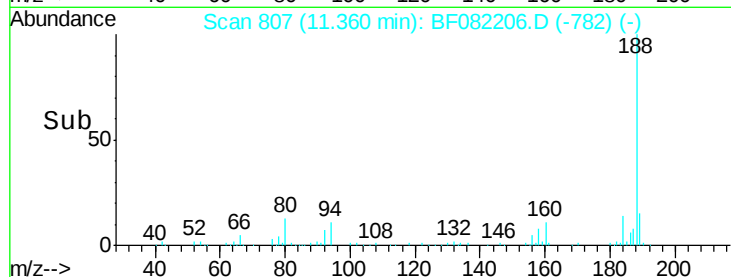
80 12.5 6.4 9.6#



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: 3.80 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082206.D

Acq: 11 Oct 2015 6:10

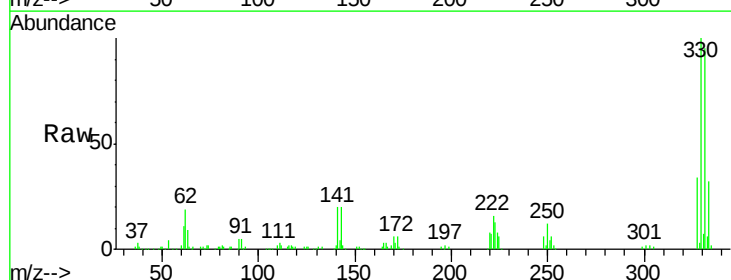
Tgt Ion:248 Resp: 10402

Ion Ratio Lower Upper

248 100

250 190.8 78.6 117.8#

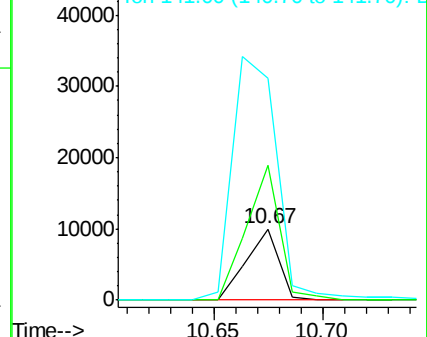
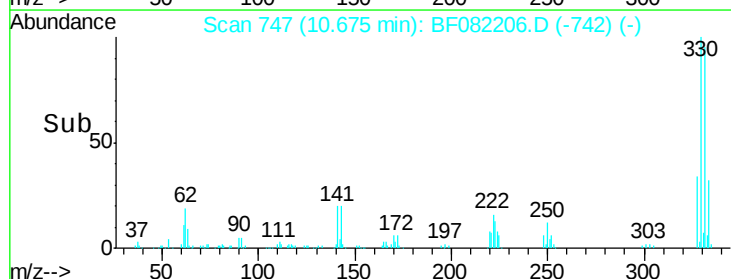
141 313.7 63.3 94.9#

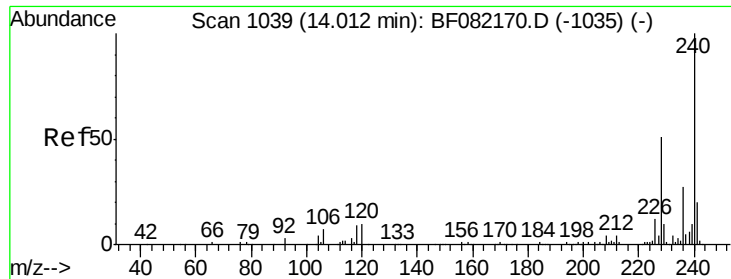


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

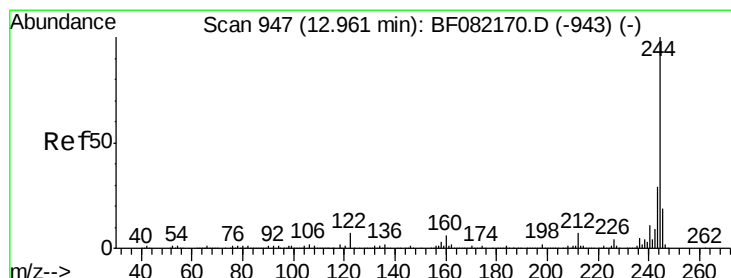
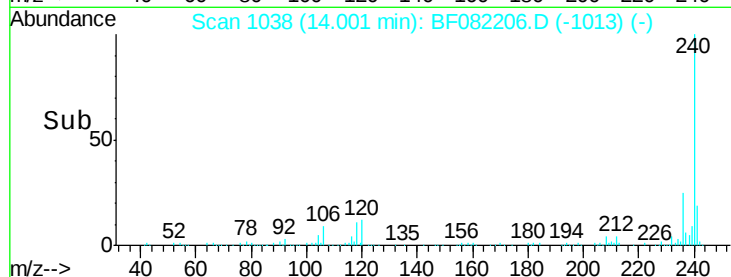
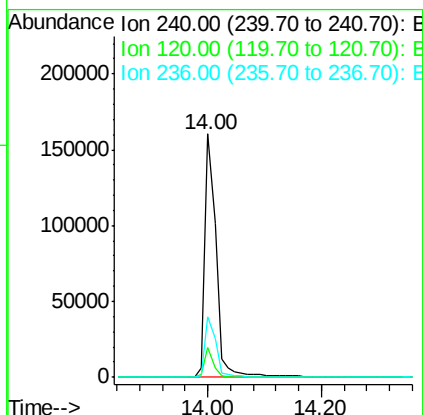
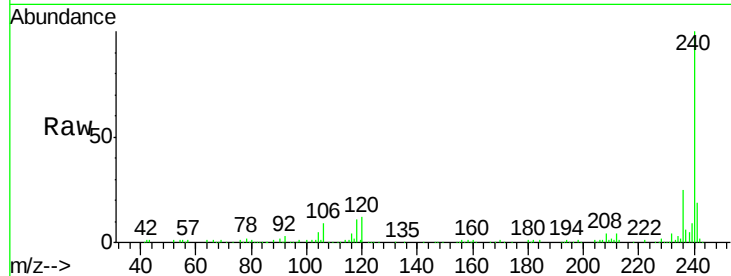




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082206.D
 Acq: 11 Oct 2015 6:10

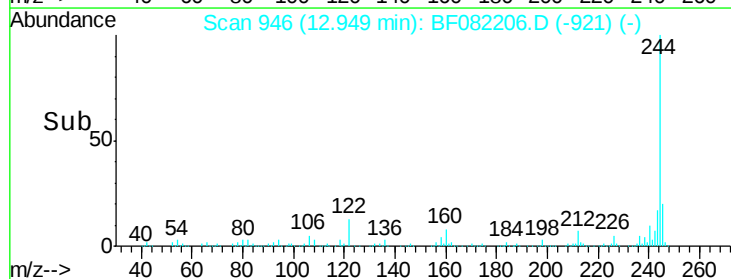
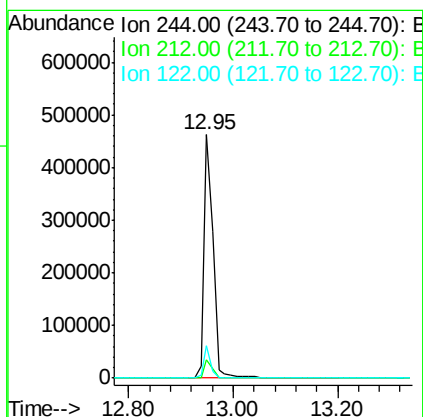
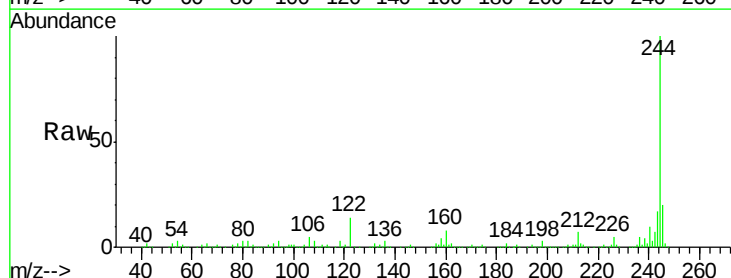
Instrument :
 BNA_F
 ClientSampleId :

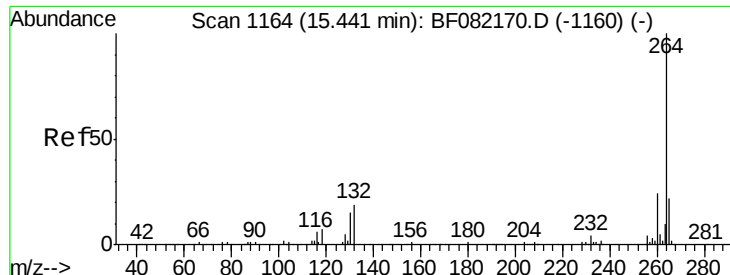
Tot Ion:240 Resp: 211198
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.1 12.1#
 236 24.8 21.3 31.9



#78
 Terphenyl-d14
 Concen: 70.31 ng
 RT: 12.95 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF082206.D
 Acq: 11 Oct 2015 6:10

Tgt Ion:244 Resp: 560401
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 13.6 5.9 8.9#

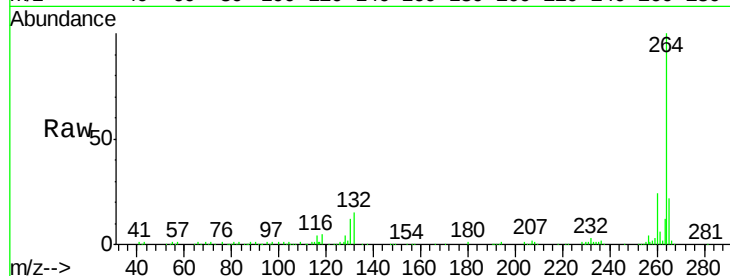




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082206.D
 Acq: 11 Oct 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
192151	264	100		
	260	23.6	19.0	28.6
	265	22.0	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

