

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082218.D
 Acq On : 12 Oct 2015 13:19
 Operator : UM/IZ
 Sample : G3959-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Oct 13 02:06:17 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

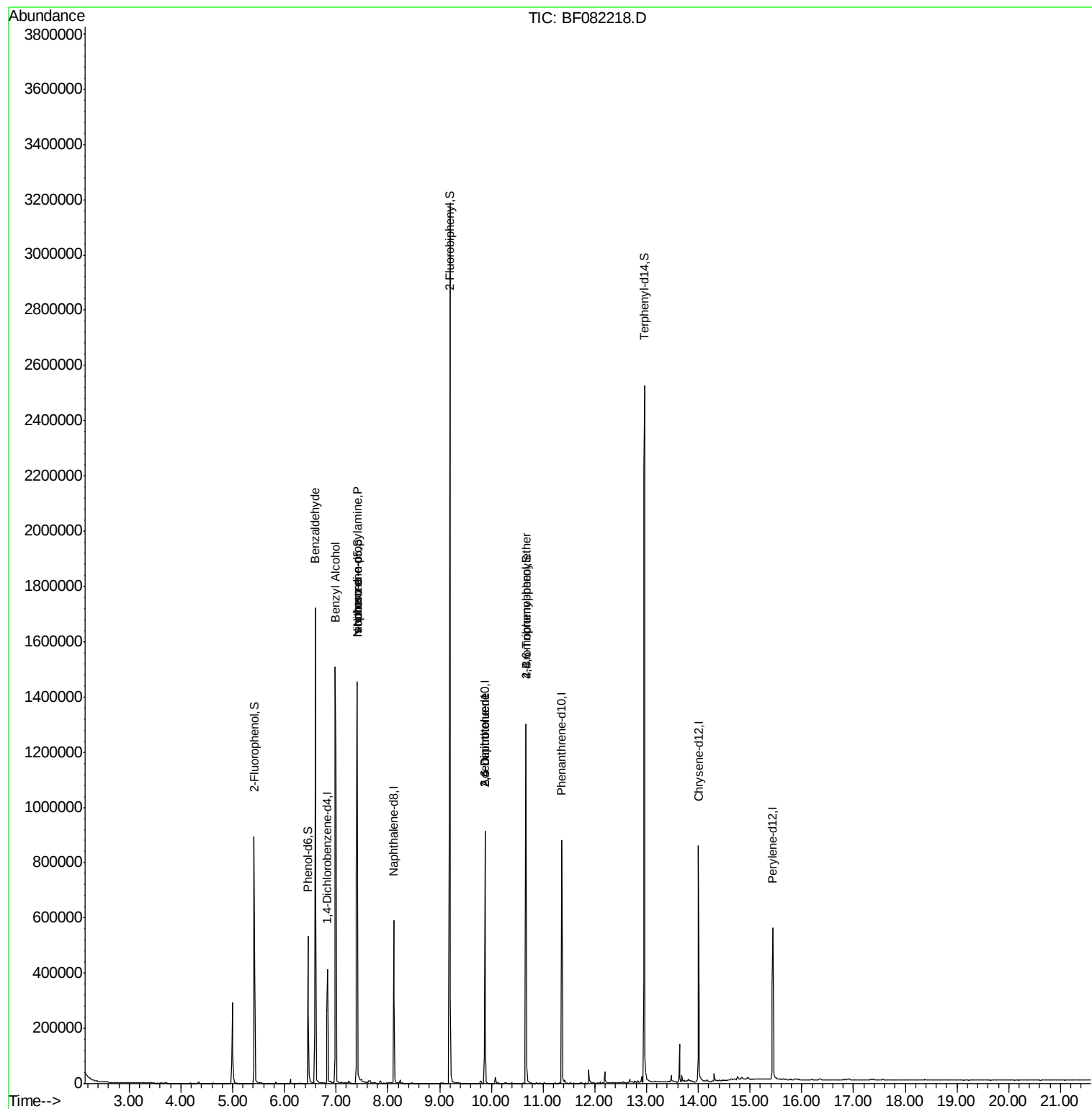
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87613	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	339148	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	183184	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	343009	20.00	ng	0.00
75) Chrysene-d12	14.00	240	348960	20.00	ng	-0.01
86) Perylene-d12	15.44	264	289843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	283318	65.26	ng	0.00
7) Phenol-d6	6.46	99	218613	38.70	ng	-0.01
23) Nitrobenzene-d5	7.41	82	593670	117.55	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	272525	158.64	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1068928	96.77	ng	0.00
78) Terphenyl-d14	12.96	244	1264677	96.04	ng	0.01
Target Compounds						
9) Benzaldehyde	6.59	77	11912	4.13	ng	# 74
15) Benzyl Alcohol	6.98	79	8371	2.15	ng	# 50
19) n-Nitroso-di-n-propylamine	7.41	70	78135	19.69	ng	# 79
25) Isophorone	7.41	82	569374	55.86	ng	# 66
50) 2,6-Dinitrotoluene	9.87	165	22721	8.35	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	22721	6.68	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	18133	5.28	ng	# 1

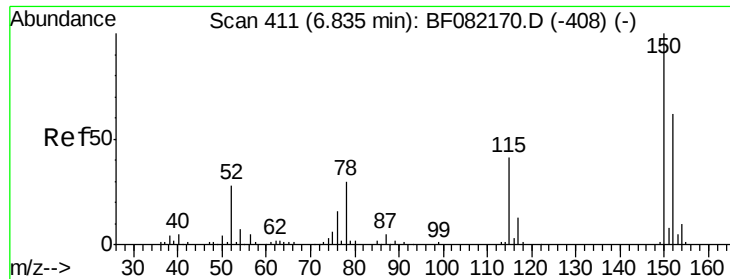
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082218.D

Acq: 12 Oct 2015 13:19

Instrument :

BNA_F

ClientSampleId :

FB

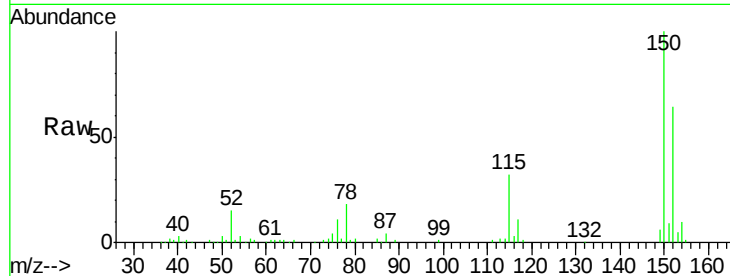
Tot Ion:152 Resp: 87613

Ion Ratio Lower Upper

152 100

150 157.1 129.0 193.4

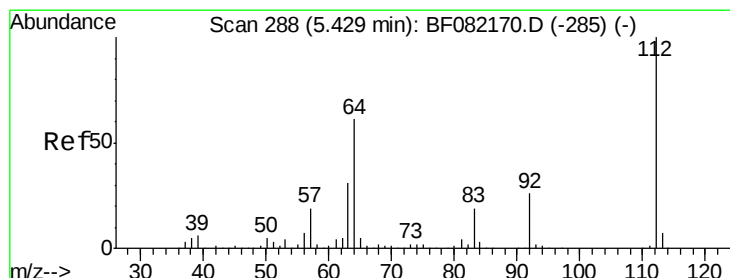
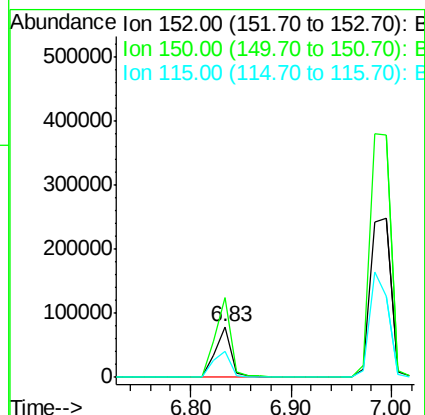
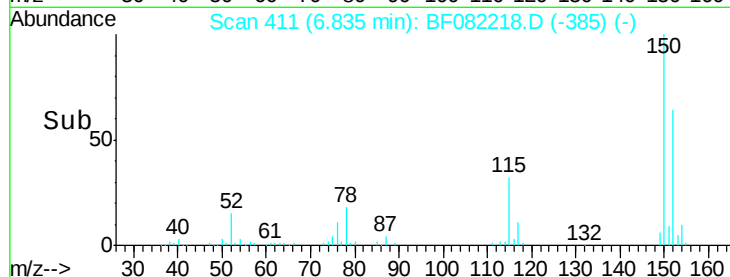
115 50.6 52.1 78.1#



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: 65.26 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF082218.D

Acq: 12 Oct 2015 13:19

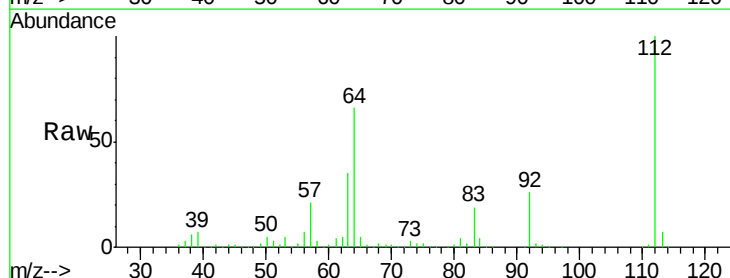
Tgt Ion:112 Resp: 283318

Ion Ratio Lower Upper

112 100

64 66.3 48.6 73.0

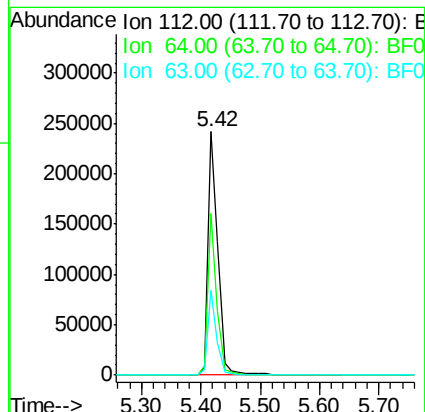
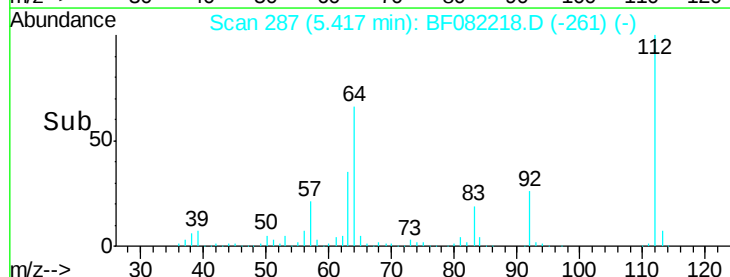
63 34.8 25.1 37.7



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: 38.70 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082218.D

Acq: 12 Oct 2015 13:19

Instrument :

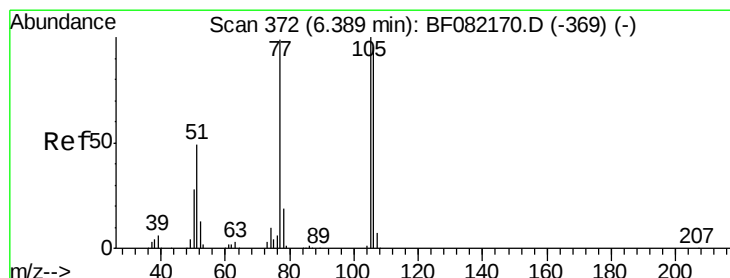
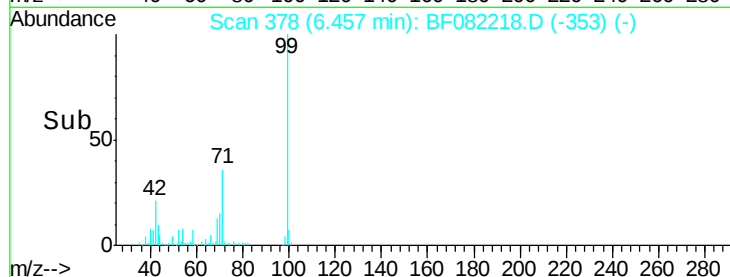
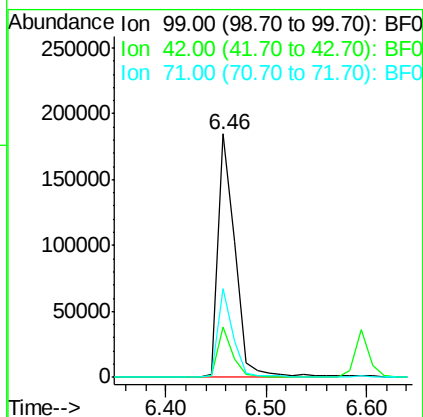
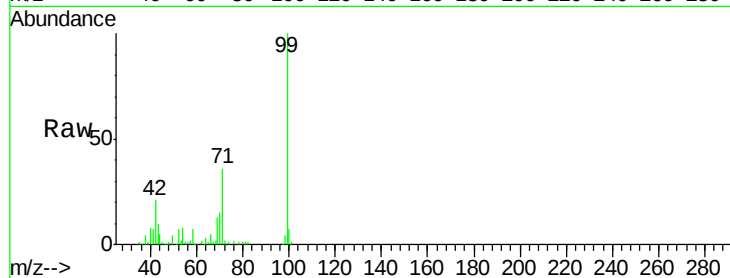
BNA_F

ClientSampled :

FB

Tot Ion: 99 Resp: 218613

Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.2	19.8#
71	36.3	25.6	38.4



#9

Benzaldehyde

Concen: 4.13 ng

RT: 6.59 min Scan# 390

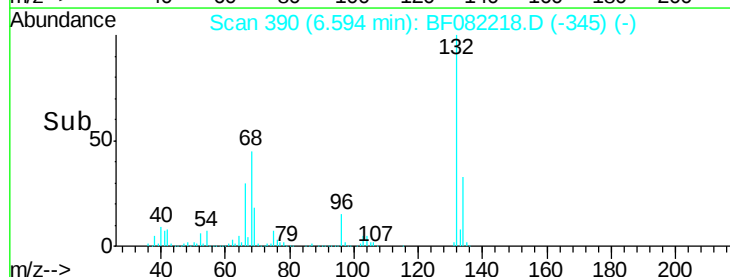
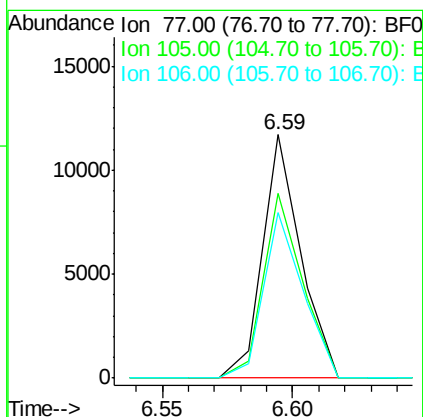
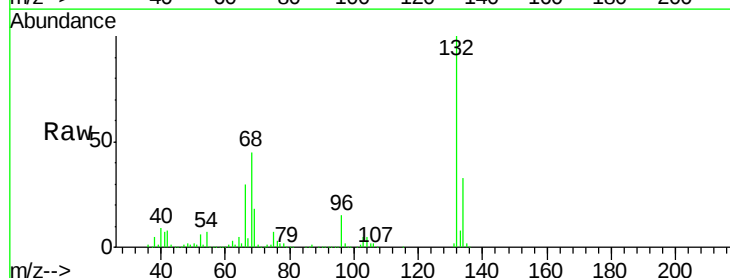
Delta R.T. 0.22 min

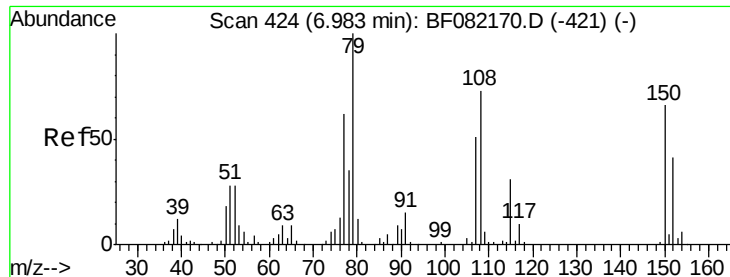
Lab File: BF082218.D

Acq: 12 Oct 2015 13:19

Tgt Ion: 77 Resp: 11912

Ion	Ratio	Lower	Upper
77	100		
105	76.0	80.6	120.6#
106	67.8	75.5	115.5#

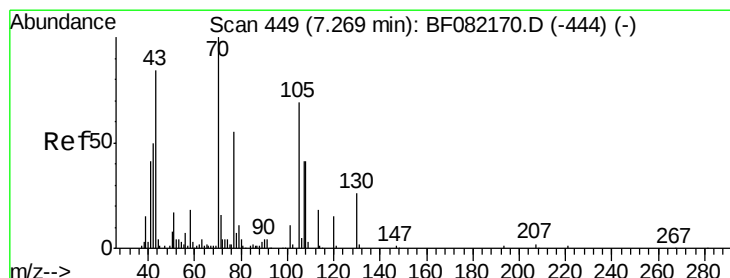
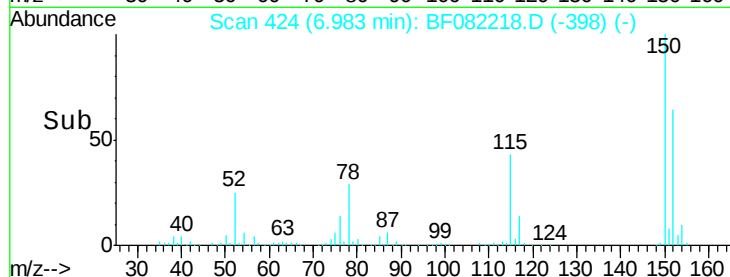
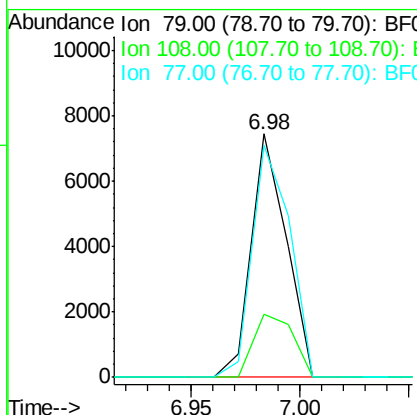
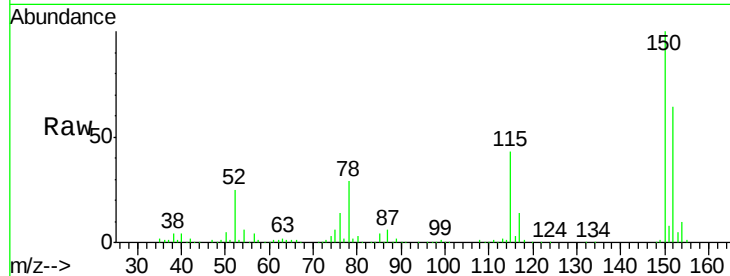




#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 6.98 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082218.D
Acq: 12 Oct 2015 13:19

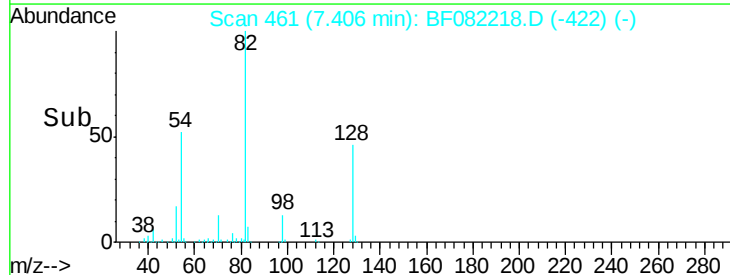
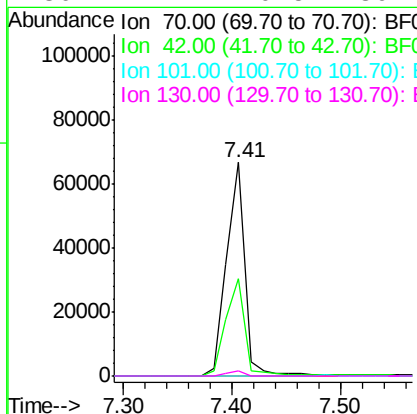
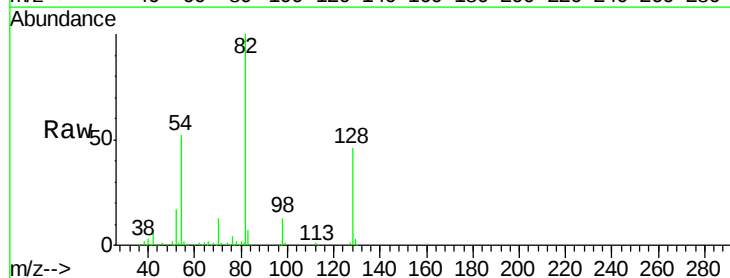
Instrument :
BNA_F
ClientSampled :
FB

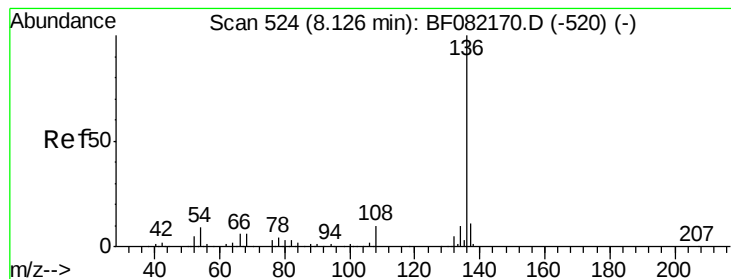
Tot Ion: 79 Resp: 8371
Ion Ratio Lower Upper
79 100
108 26.2 58.4 87.6#
77 95.6 49.8 74.6#



#19
n-Nitroso-di-n-propylamine
Concen: 19.69 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF082218.D
Acq: 12 Oct 2015 13:19

Tgt Ion: 70 Resp: 78135
Ion Ratio Lower Upper
70 100
42 45.7 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: BF082218.D

Acq: 12 Oct 2015 13:19

Instrument :

BNA_F

ClientSampleId :

FB

Tot Ion:136 Resp: 339148

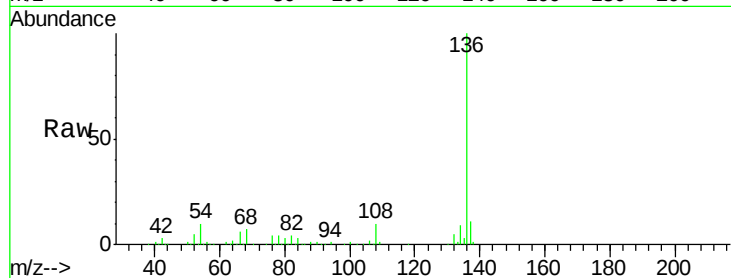
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 10.3 7.5 11.3

68 6.5 4.6 7.0

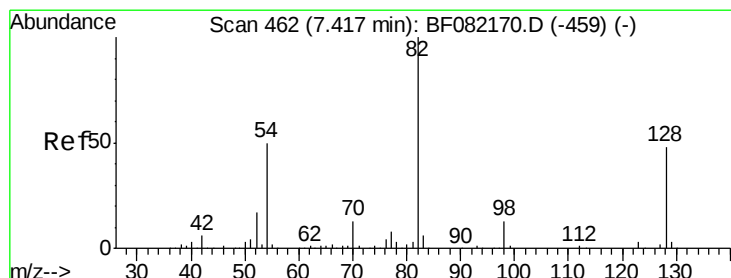
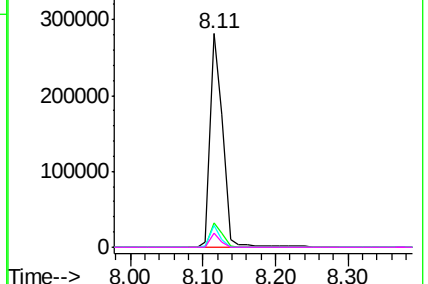
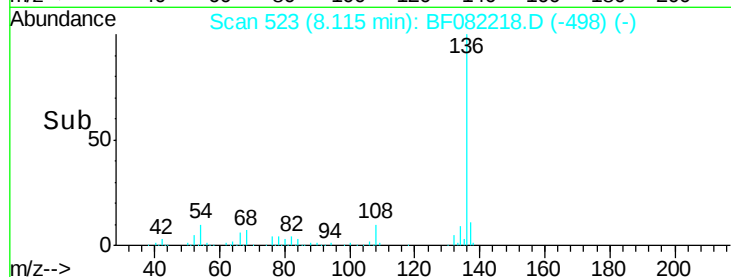


Abundance Ion 136.00 (135.70 to 136.70): E

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: 117.55 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF082218.D

Acq: 12 Oct 2015 13:19

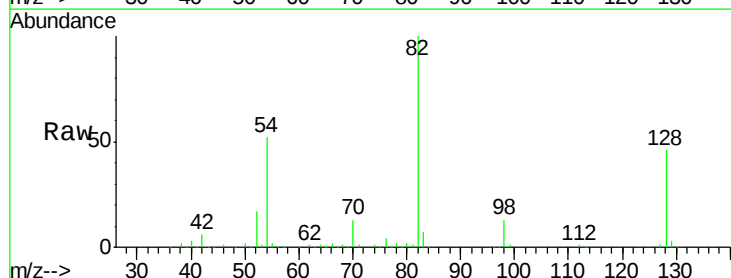
Tgt Ion: 82 Resp: 593670

Ion Ratio Lower Upper

82 100

128 46.1 38.7 58.1

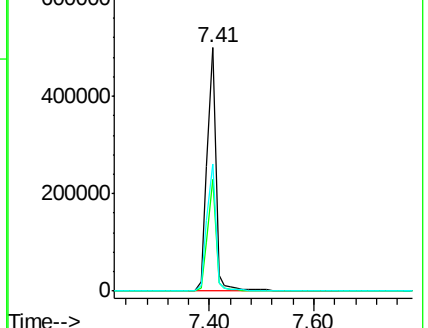
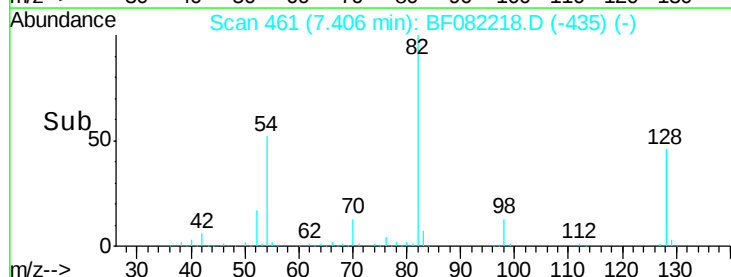
54 52.4 40.1 60.1

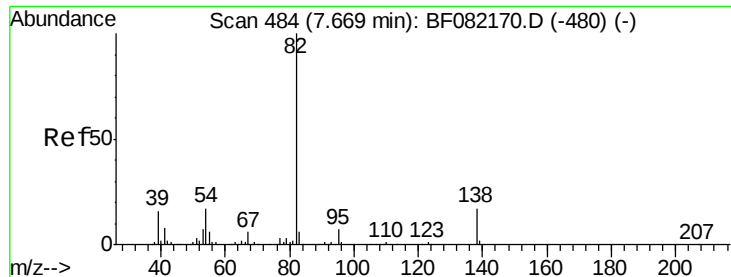


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 55.86 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082218.D

Acq: 12 Oct 2015 13:19

Instrument :

BNA_F

ClientSampleId :

FB

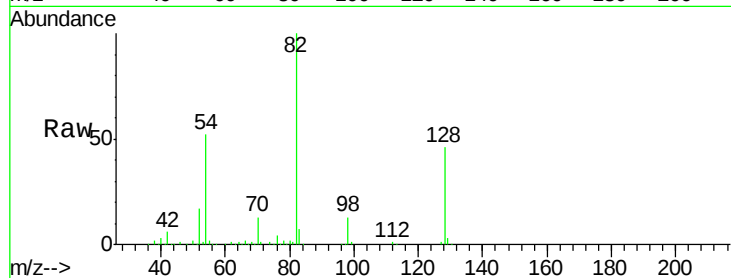
Tot Ion: 82 Resp: 569374

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

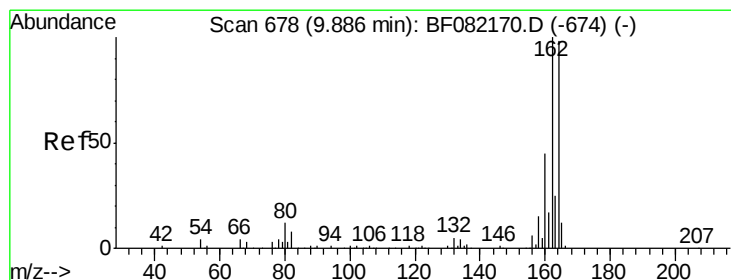
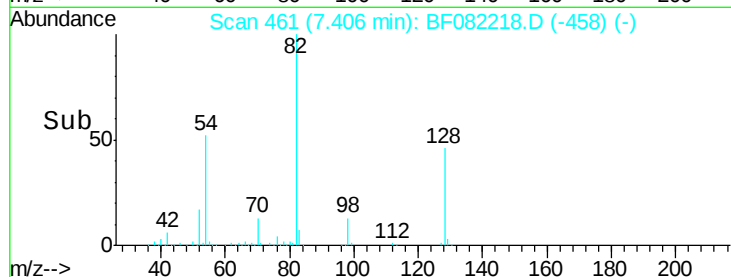
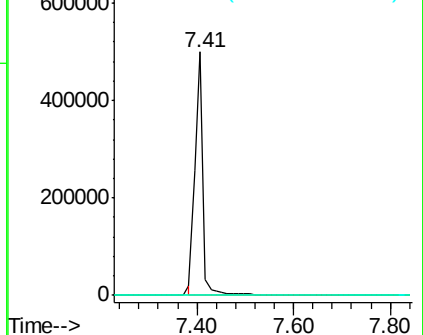
138 0.0 13.6 20.4#



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: BF082218.D

Acq: 12 Oct 2015 13:19

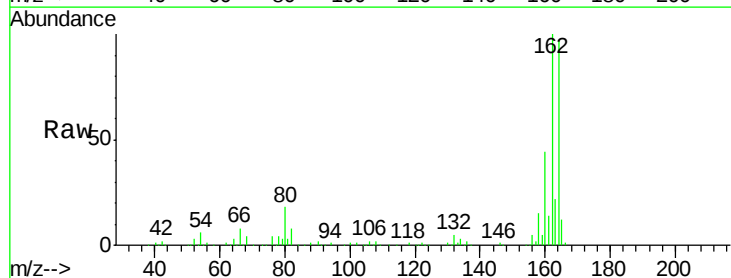
Tgt Ion: 164 Resp: 183184

Ion Ratio Lower Upper

164 100

162 103.2 81.6 122.4

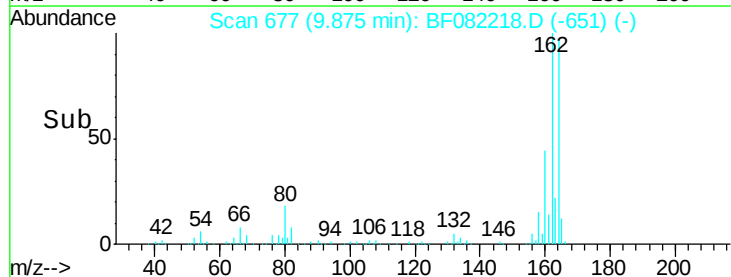
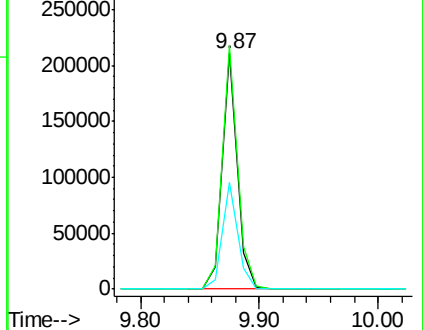
160 45.0 36.4 54.6

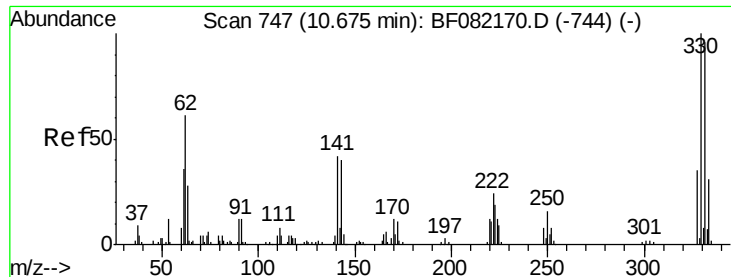


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

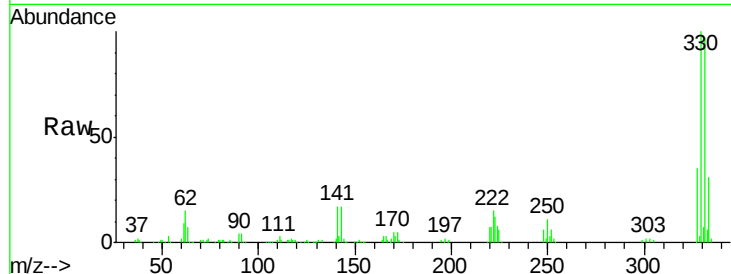




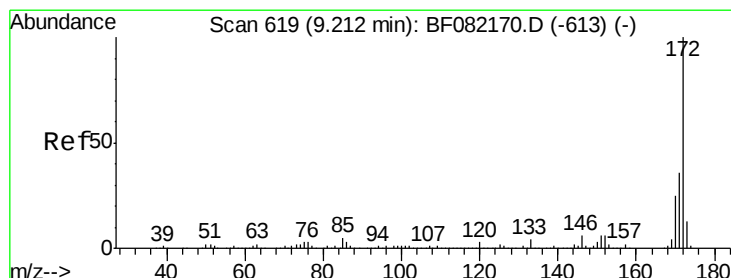
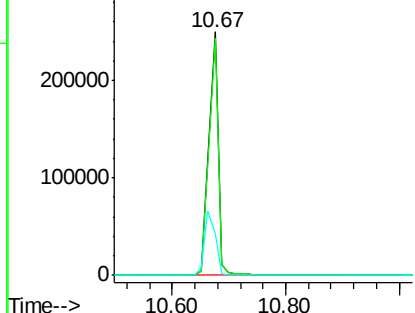
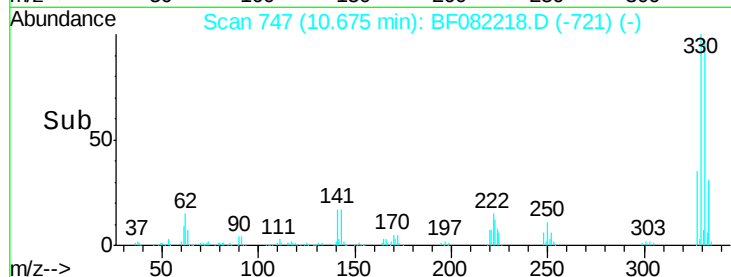
#41
 2,4,6-Tribromophenol
 Concen: 158.64 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082218.D
 Acq: 12 Oct 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	30.5	29.8	44.8

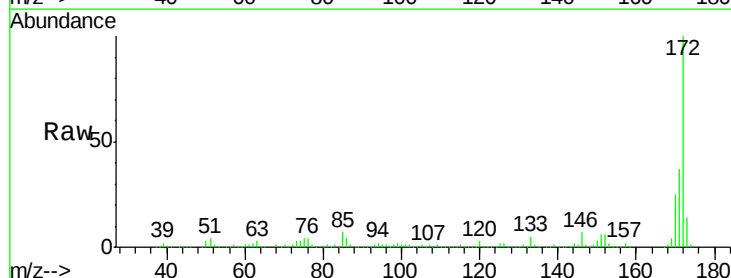


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

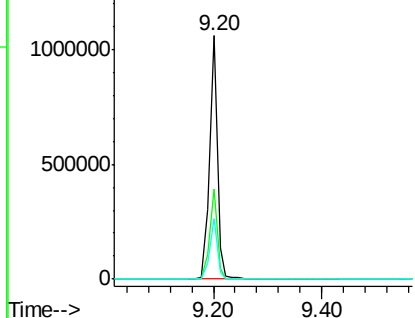
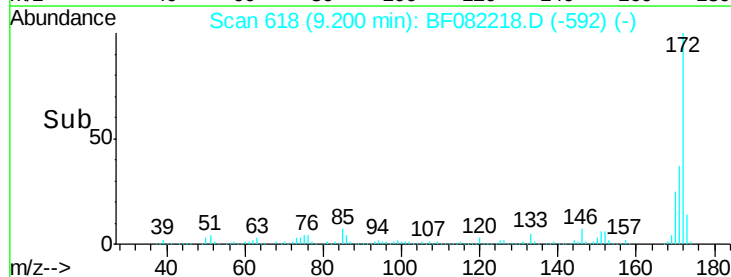


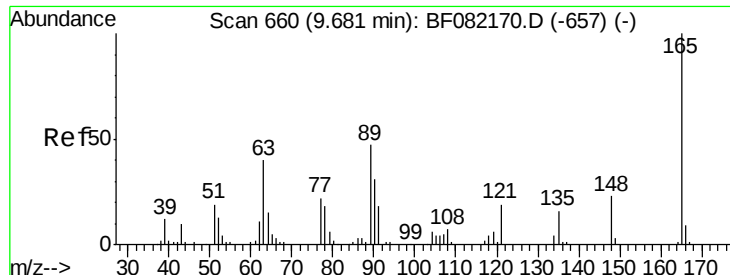
#44
 2-Fluorobiphenyl
 Concen: 96.77 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082218.D
 Acq: 12 Oct 2015 13:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	42.8
170	25.0	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

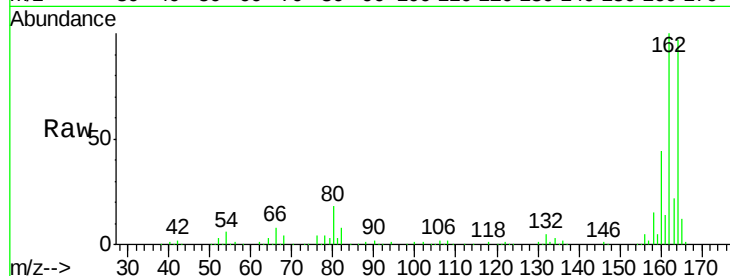




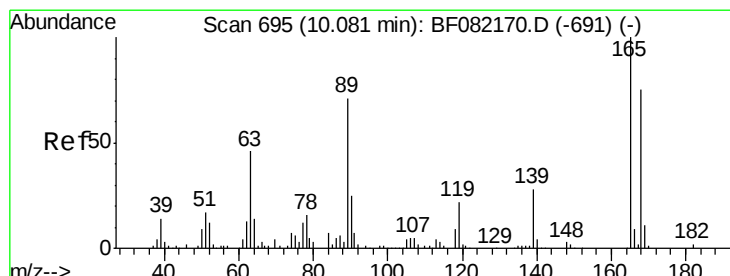
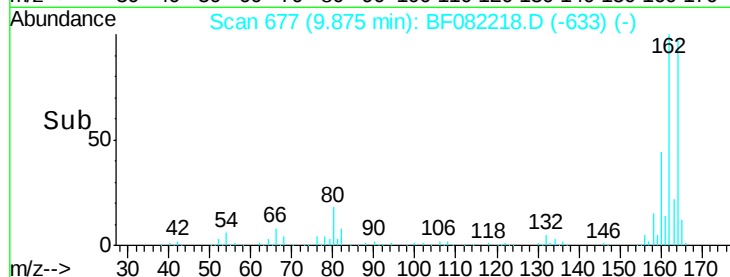
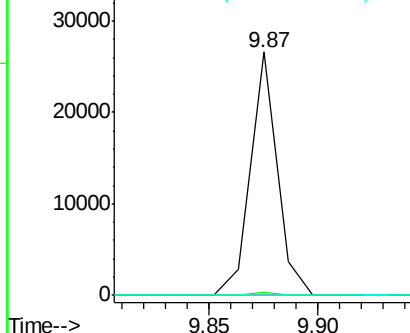
#50
 2,6-Dinitrotoluene
 Concen: 8.35 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.21 min
 Lab File: BF082218.D
 Acq: 12 Oct 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:165 Resp: 22721
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.7 55.1#
 89 0.0 37.8 56.6#



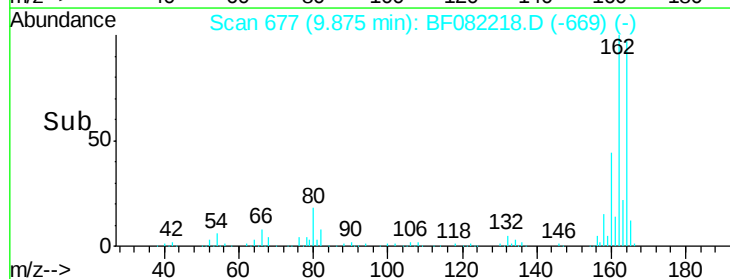
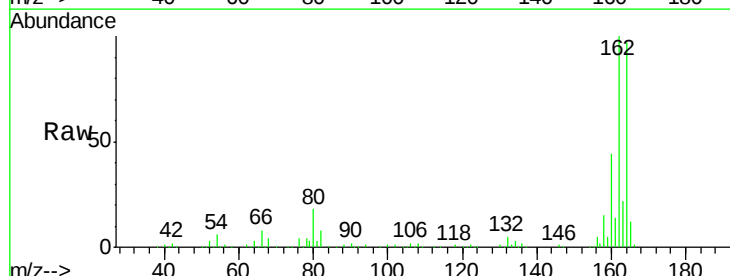
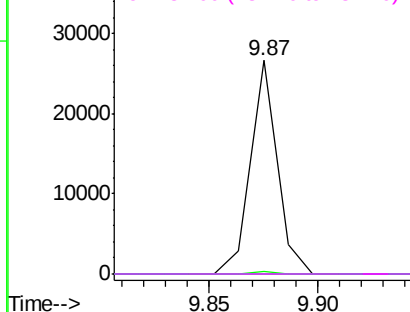
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

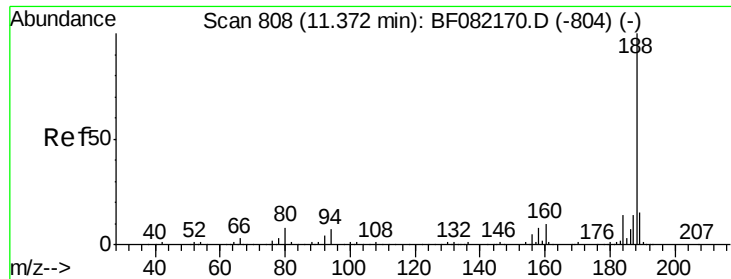


#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 9.87 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF082218.D
 Acq: 12 Oct 2015 13:19

Tgt Ion:165 Resp: 22721
 Ion Ratio Lower Upper
 165 100
 63 1.1 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: BF082218.D

Acq: 12 Oct 2015 13:19

Instrument :

BNA_F

ClientSampleId :

FB

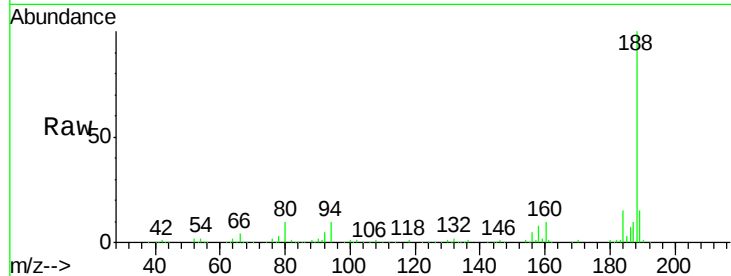
Tot Ion:188 Resp: 343009

Ion Ratio Lower Upper

188 100

94 9.8 5.8 8.6#

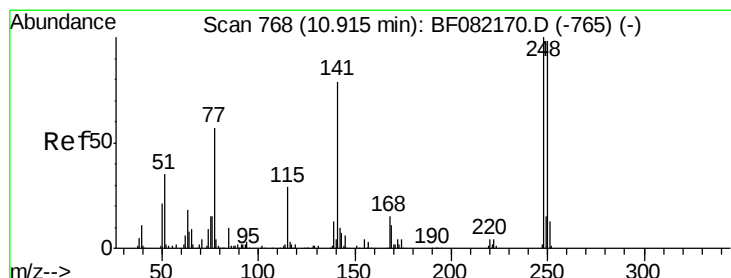
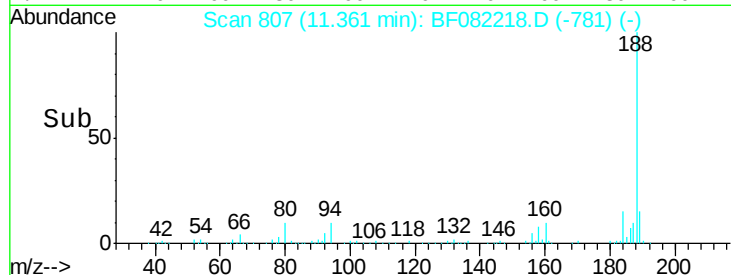
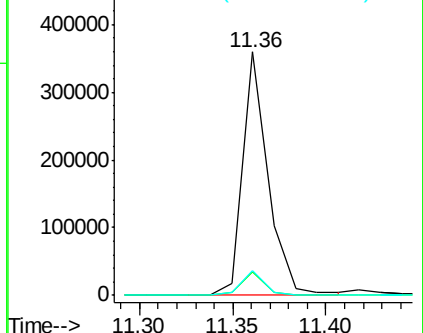
80 10.4 6.4 9.6#



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: 5.28 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF082218.D

Acq: 12 Oct 2015 13:19

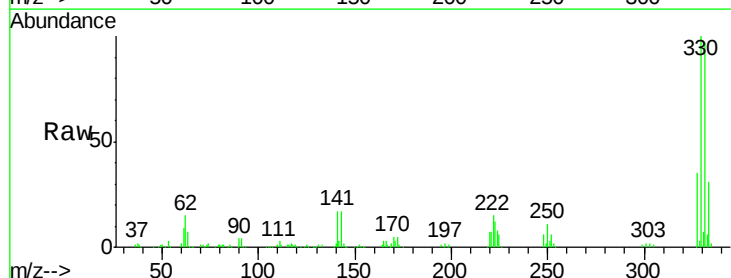
Tgt Ion:248 Resp: 18133

Ion Ratio Lower Upper

248 100

250 195.7 78.6 117.8#

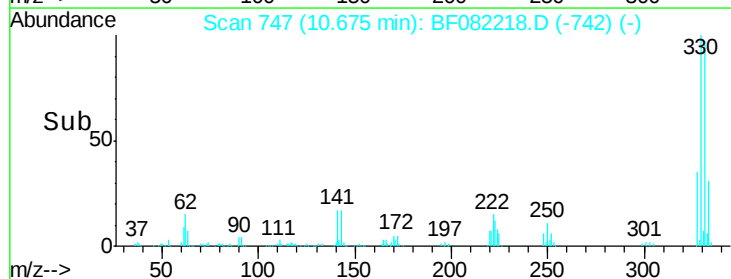
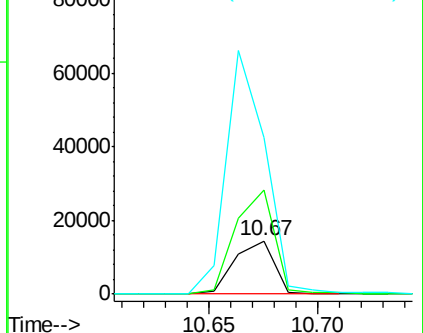
141 295.3 63.3 94.9#

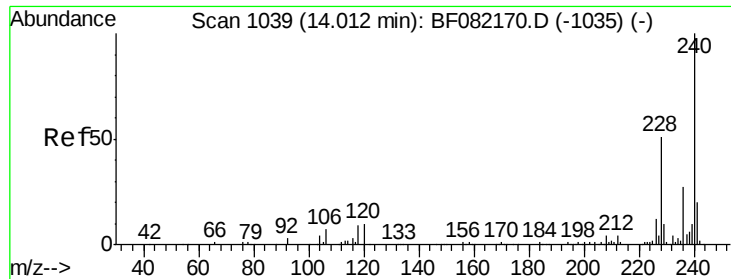


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

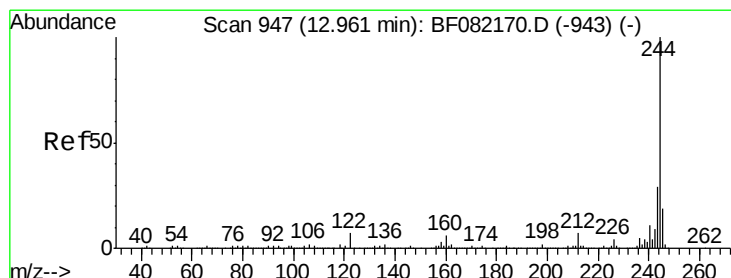
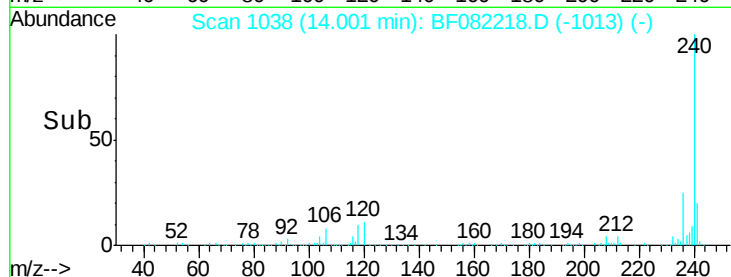
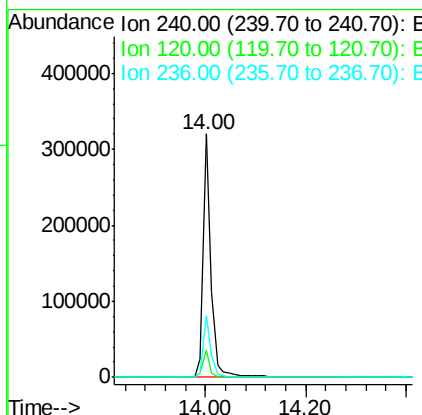
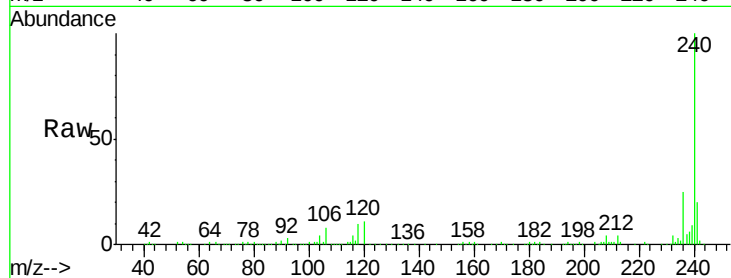




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082218.D
 Acq: 12 Oct 2015 13:19

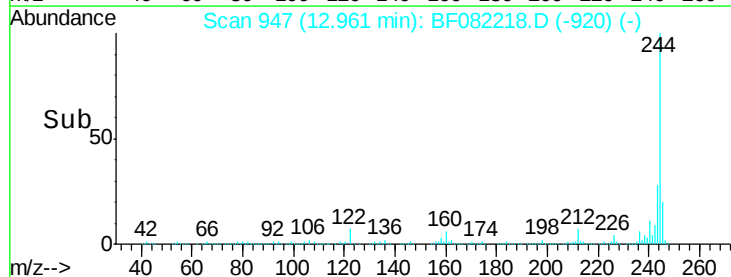
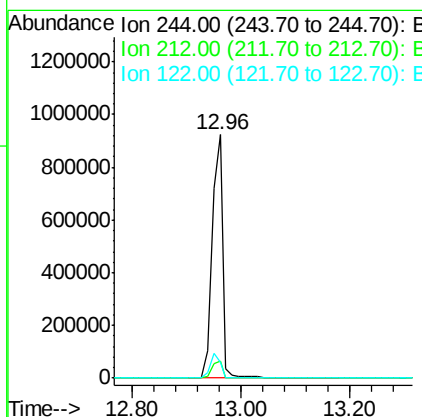
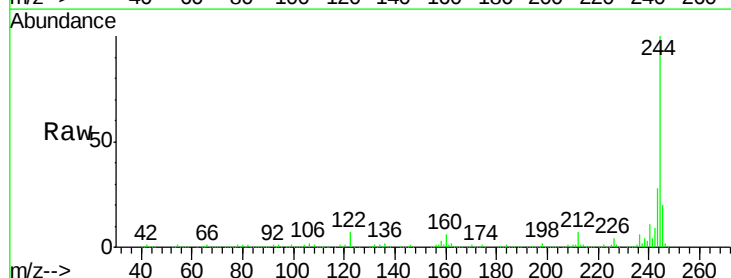
Instrument :
 BNA_F
 ClientSampleId :
 FB

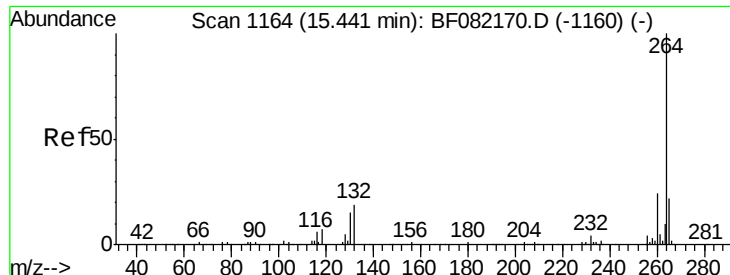
Tot Ion:240 Resp: 348960
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.1 12.1
 236 25.3 21.3 31.9



#78
 Terphenyl-d14
 Concen: 96.04 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF082218.D
 Acq: 12 Oct 2015 13:19

Tgt Ion:244 Resp: 1264677
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 6.6 5.9 8.9

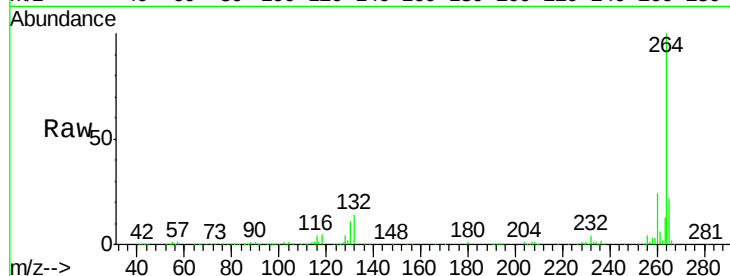




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082218.D
Acq: 12 Oct 2015 13:19

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.2	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

