

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080908.D
 Acq On : 7 Aug 2015 2:10
 Operator : TP/UM
 Sample : G3196-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:09:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

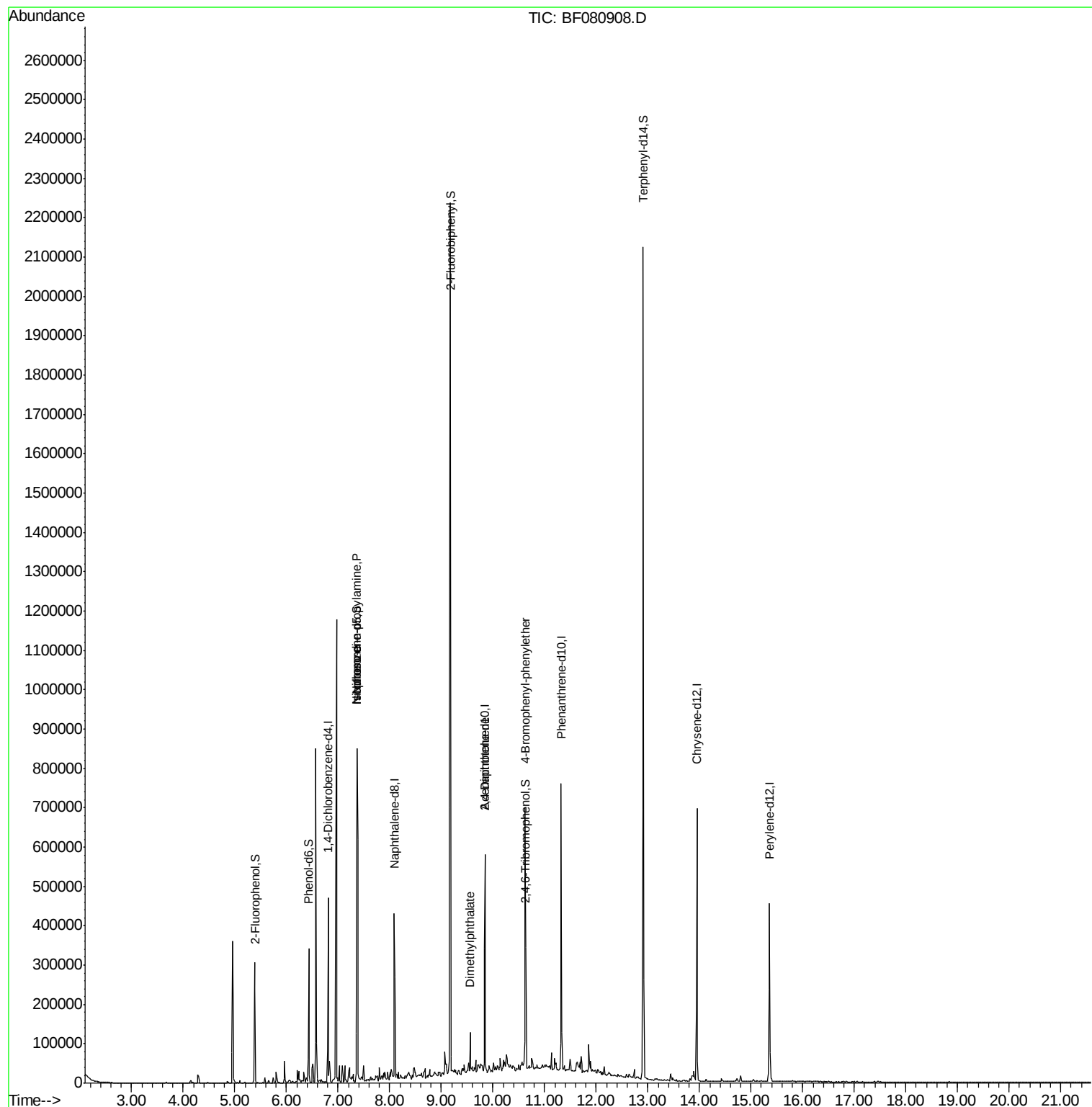
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	60882	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	223392	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	114244	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	235525	20.00	ng	0.00
75) Chrysene-d12	13.95	240	225392	20.00	ng	-0.01
86) Perylene-d12	15.36	264	202726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	100879	26.41	ng	0.00
7) Phenol-d6	6.43	99	101237	19.26	ng	-0.01
23) Nitrobenzene-d5	7.37	82	358681	75.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	81289	66.24	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	647807	80.82	ng	0.00
78) Terphenyl-d14	12.91	244	674935	63.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	45894	12.26	ng	# 80
25) Isophorone	7.37	82	333659	36.71	ng	# 67
49) Dimethylphthalate	9.56	163	33208	3.66	ng	99
56) 2,4-Dinitrotoluene	9.85	165	14678	5.61	ng	# 10
66) 4-Bromophenyl-phenylether	10.62	248	5220	2.04	ng	# 1

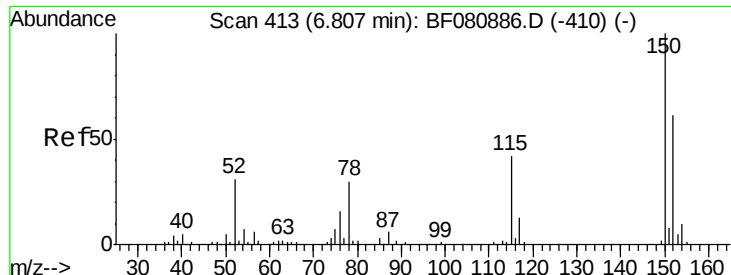
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 07 03:17:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF080908.D

Acq: 7 Aug 2015 2:10

Instrument :

BNA_F

ClientSampleId :

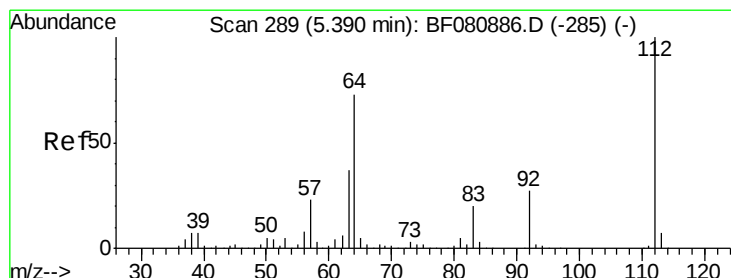
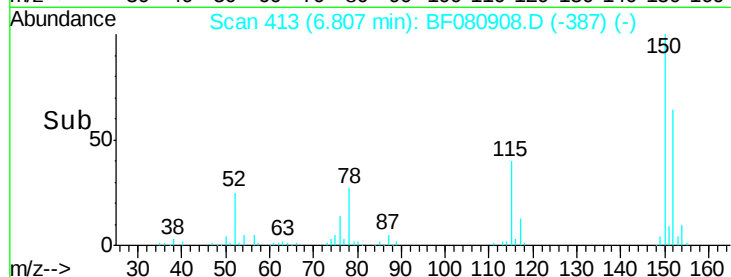
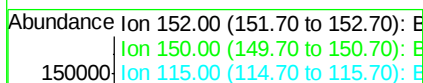
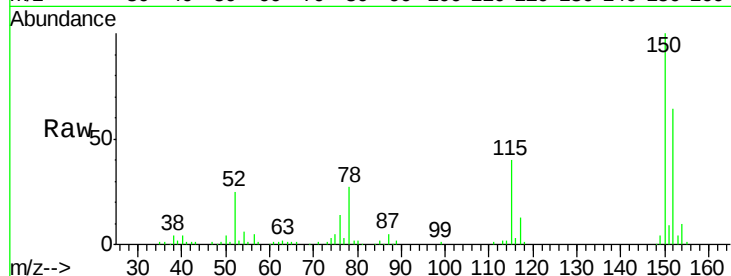
Tot Ion:152 Resp: 60882

Ion Ratio Lower Upper

152 100

150 156.9 132.2 198.2

115 63.0 54.9 82.3



#5

2-Fluorophenol

Concen: 26.41 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF080908.D

Acq: 7 Aug 2015 2:10

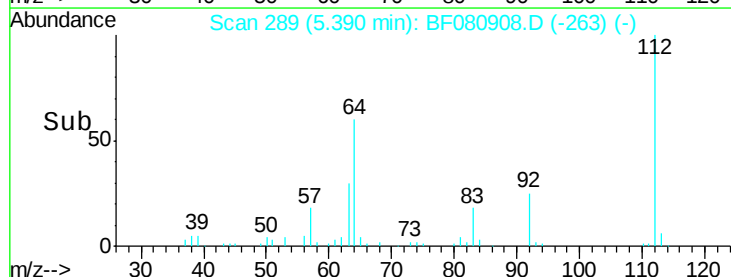
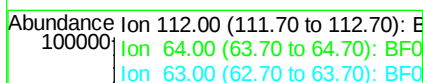
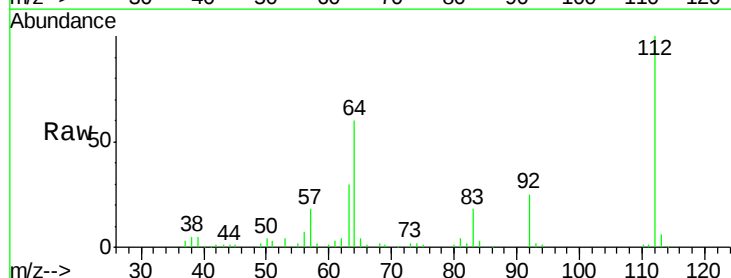
Tgt Ion:112 Resp: 100879

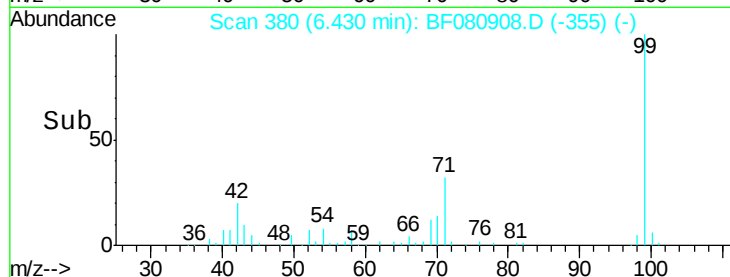
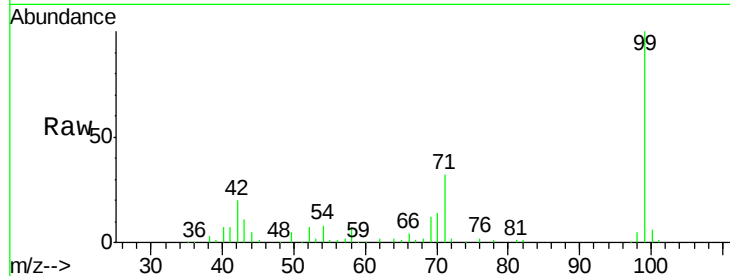
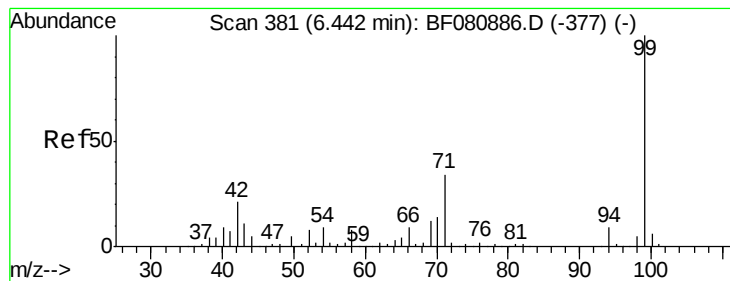
Ion Ratio Lower Upper

112 100

64 59.9 58.0 87.0

63 29.6 29.8 44.8#





#7

Phenol-d6

Concen: 19.26 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080908.D

Acq: 7 Aug 2015 2:10

Instrument :

BNA_F

ClientSampleId :

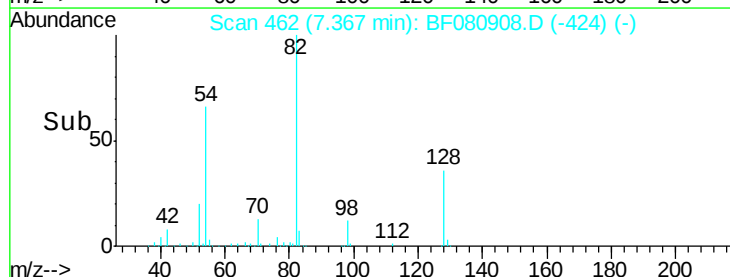
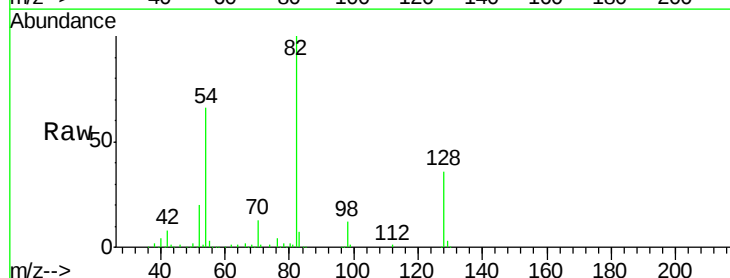
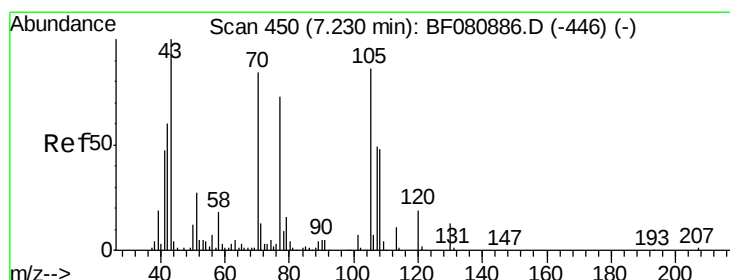
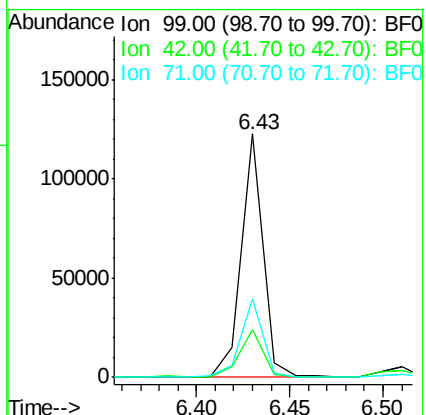
Tot Ion: 99 Resp: 101237

Ion Ratio Lower Upper

99 100

42 19.6 16.8 25.2

71 32.0 27.4 41.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.26 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.14 min

Lab File: BF080908.D

Acq: 7 Aug 2015 2:10

Tgt Ion: 70 Resp: 45894

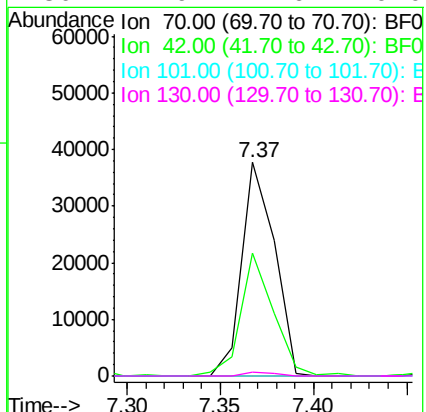
Ion Ratio Lower Upper

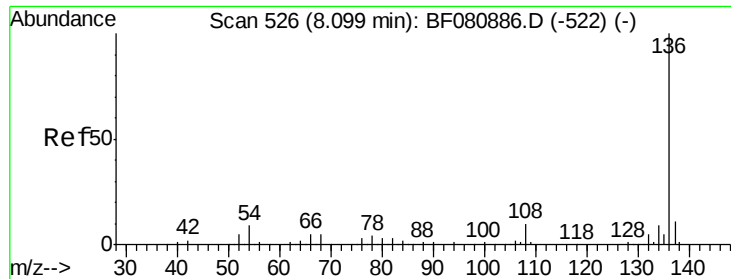
70 100

42 57.5 57.2 85.8

101 0.0 6.6 9.8#

130 1.9 12.6 19.0#

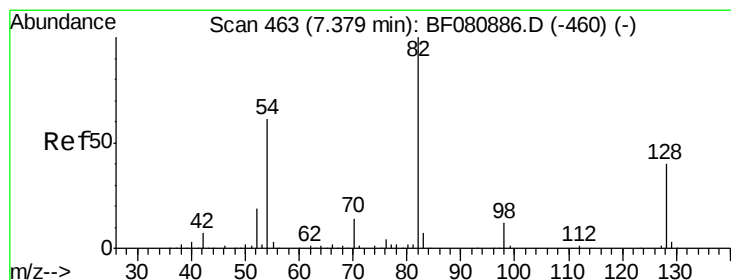
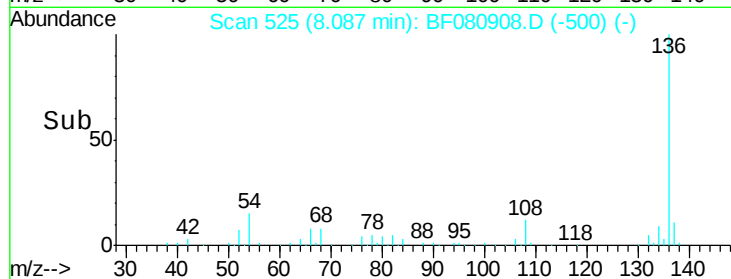
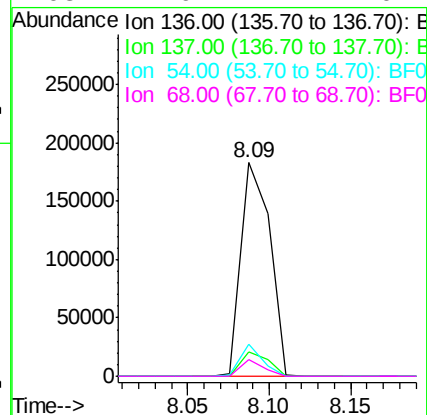
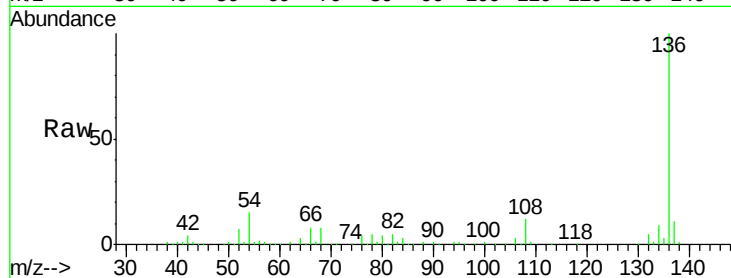




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080908.D
Acq: 7 Aug 2015 2:10

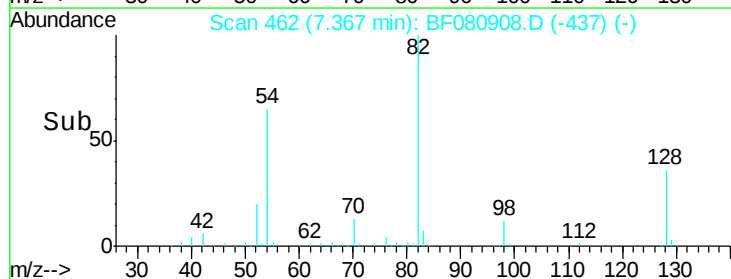
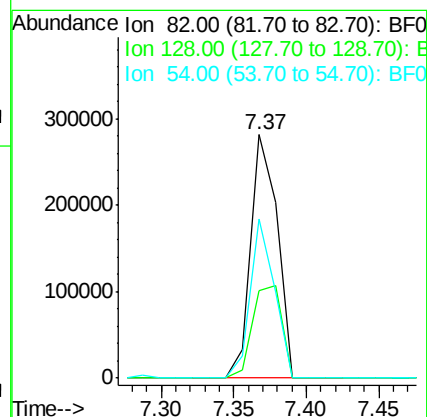
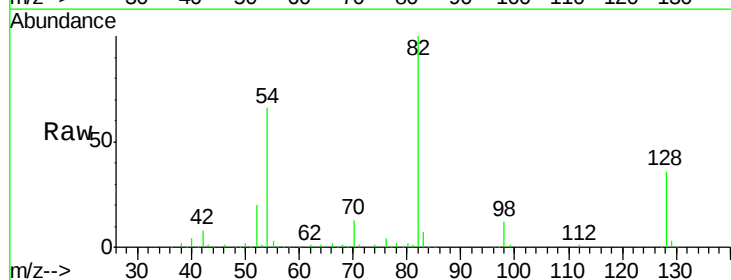
Instrument :
BNA_F
ClientSampled :

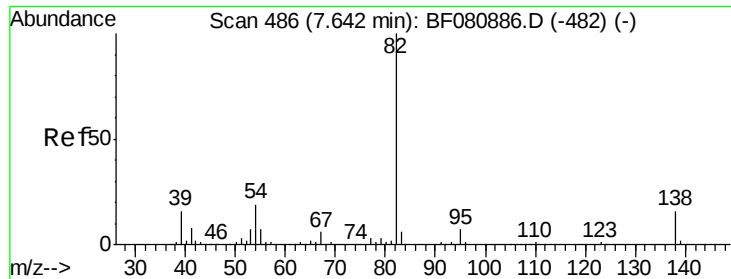
Tot Ion:136	Resp:	223392
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.6 12.8
54	14.8	7.5 11.3#
68	7.9	4.2 6.2#



#23
Nitrobenzene-d5
Concen: 75.64 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080908.D
Acq: 7 Aug 2015 2:10

Tgt Ion: 82	Resp:	358681
Ion Ratio	Lower	Upper
82	100	
128	35.8	31.8 47.6
54	65.6	48.6 72.8





#25

Isophorone

Concen: 36.71 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.27 min

Lab File: BF080908.D

Acq: 7 Aug 2015 2:10

Instrument :

BNA_F

ClientSampleId :

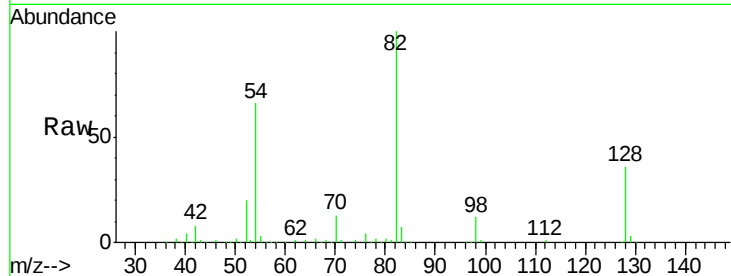
Tot Ion: 82 Resp: 333659

Ion Ratio Lower Upper

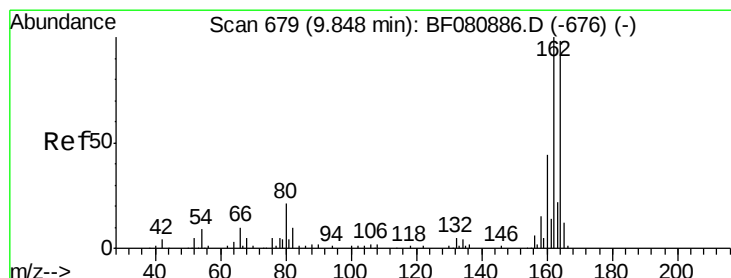
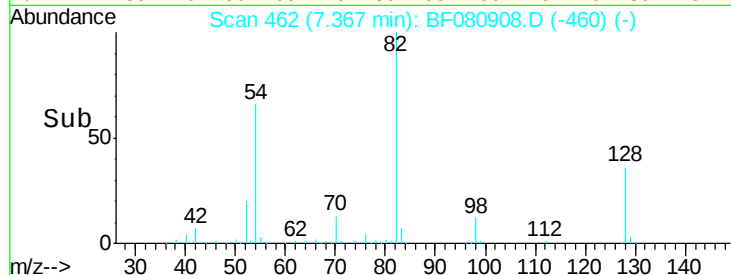
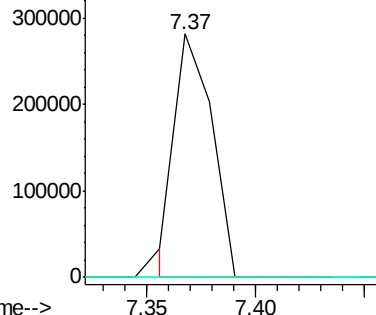
82 100

95 0.0 5.7 8.5#

138 0.0 13.0 19.6#



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: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080908.D

Acq: 7 Aug 2015 2:10

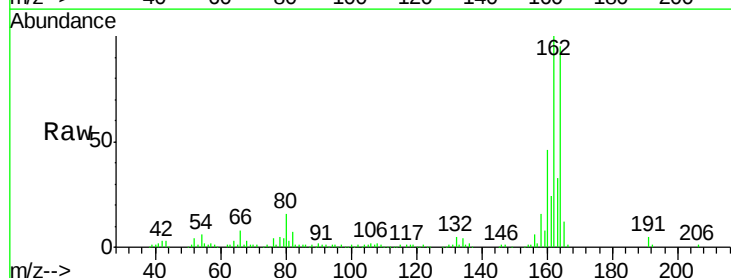
Tgt Ion:164 Resp: 114244

Ion Ratio Lower Upper

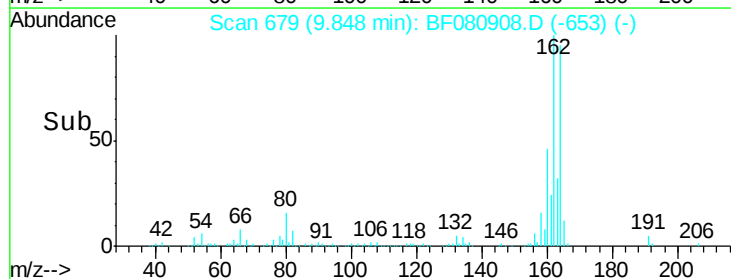
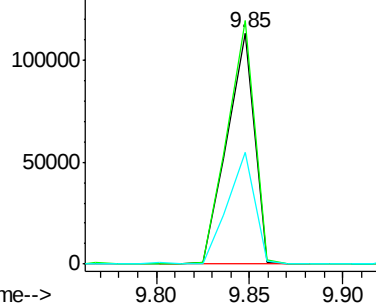
164 100

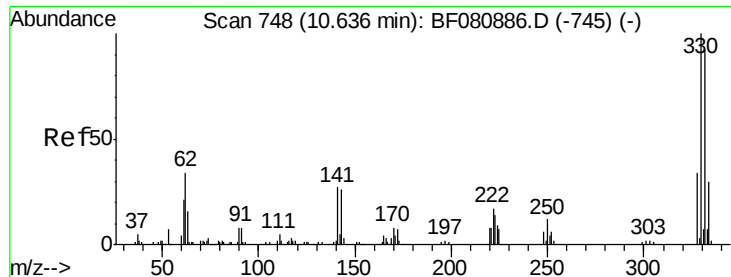
162 105.5 81.5 122.3

160 48.2 35.9 53.9



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

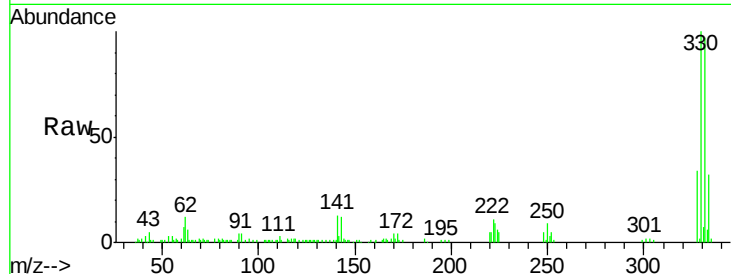




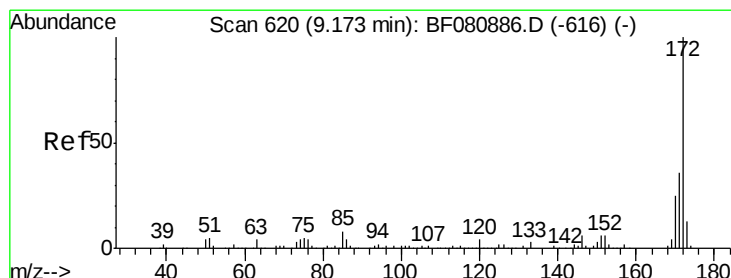
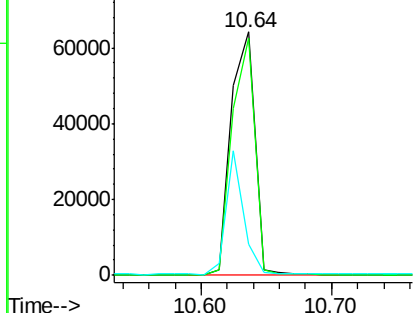
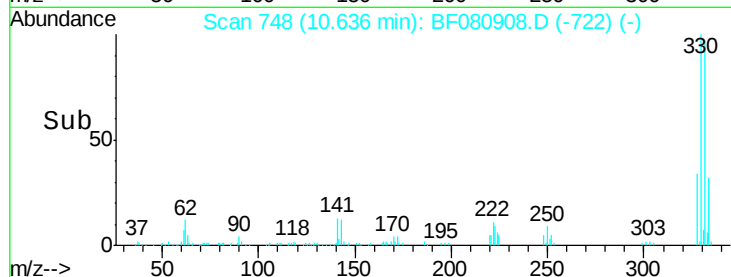
#41
 2,4,6-Tribromophenol
 Concen: 66.24 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080908.D
 Acq: 7 Aug 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	74.1	111.1
141	40.3	30.1	45.1

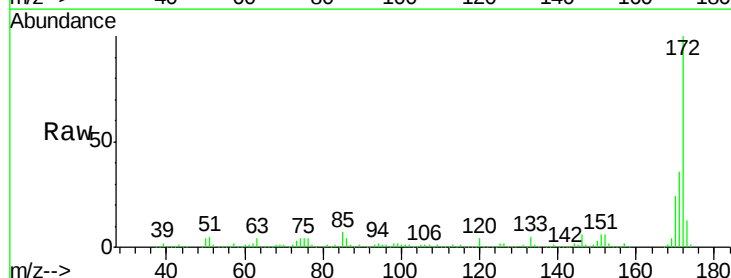


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

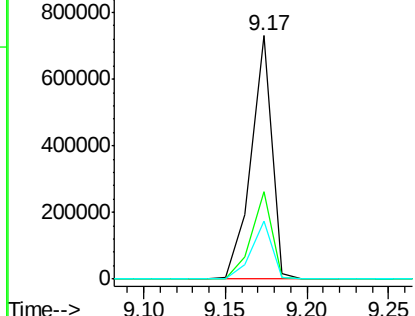
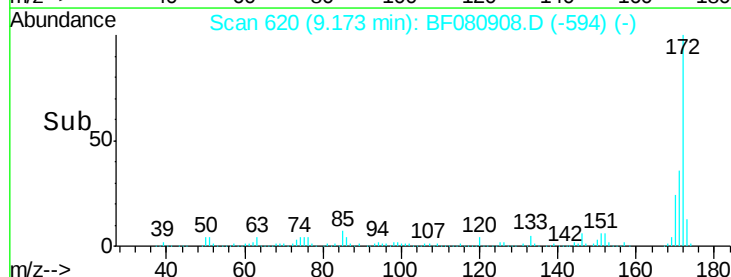


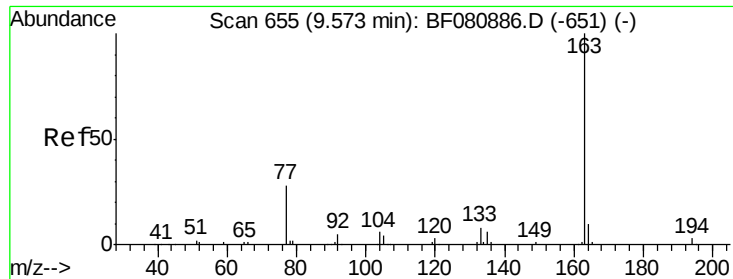
#44
 2-Fluorobiphenyl
 Concen: 80.82 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080908.D
 Acq: 7 Aug 2015 2:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.9	19.9	29.9



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

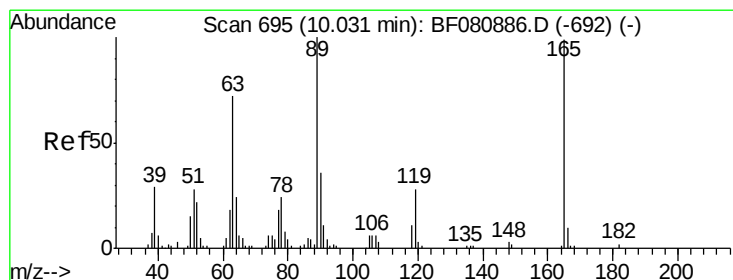
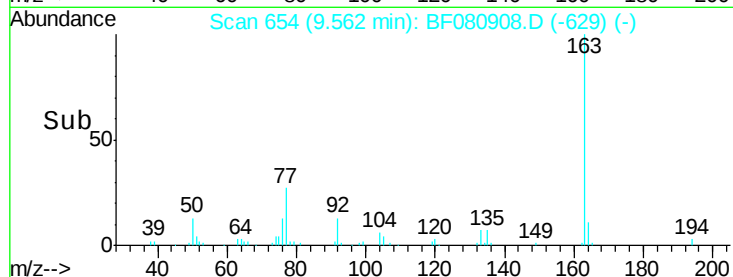
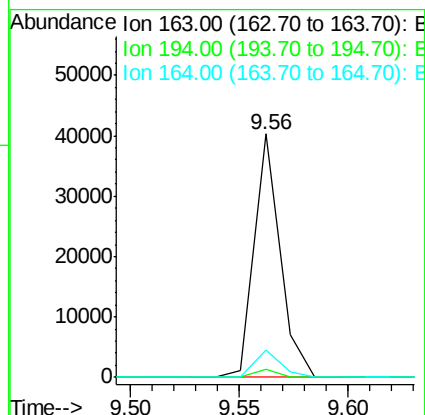
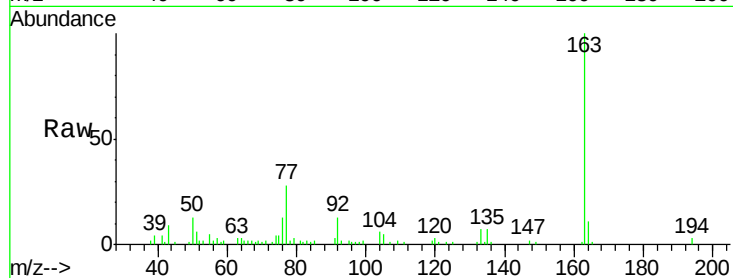




#49
Dimethylphthalate
Concen: 3.66 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080908.D
Acq: 7 Aug 2015 2:10

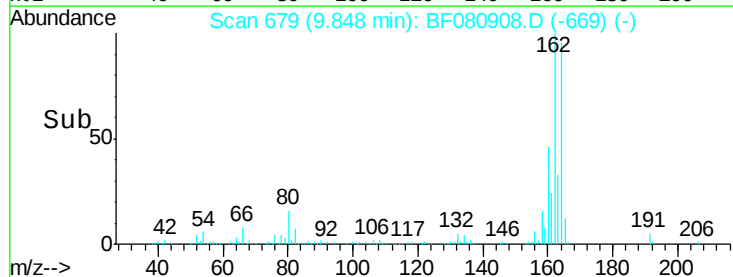
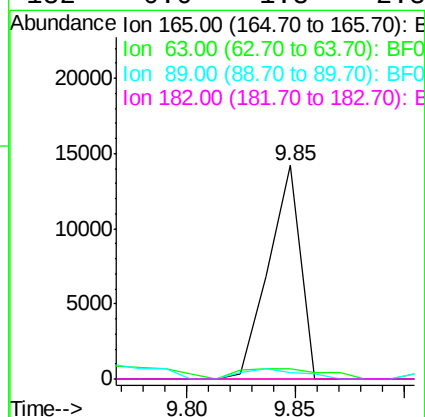
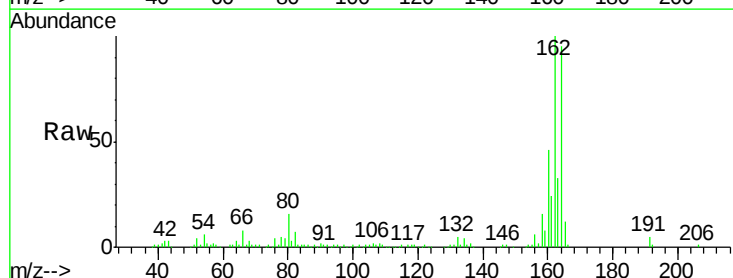
Instrument :
BNA_F
ClientSampled :

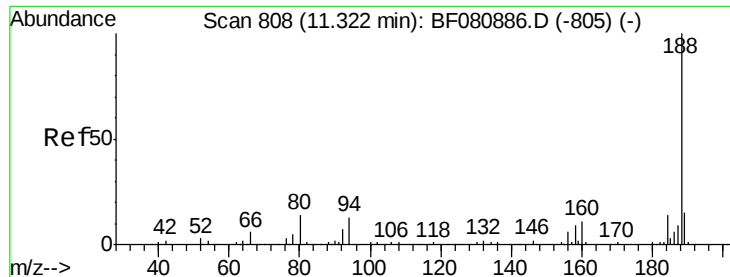
Tot Ion:163 Resp: 33208
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 11.0 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.18 min
Lab File: BF080908.D
Acq: 7 Aug 2015 2:10

Tgt Ion:165 Resp: 14678
Ion Ratio Lower Upper
165 100
63 4.6 58.6 87.8#
89 3.0 80.7 121.1#
182 0.0 1.8 2.8#

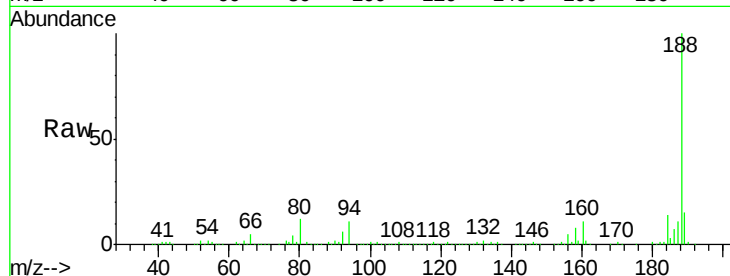




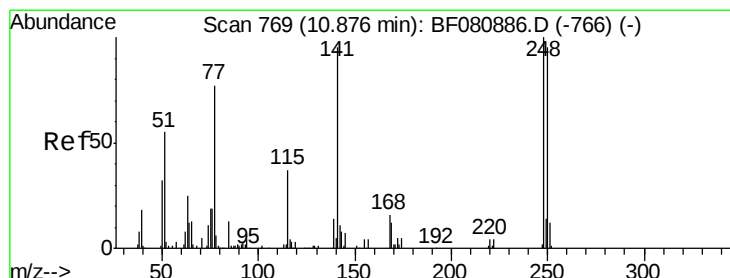
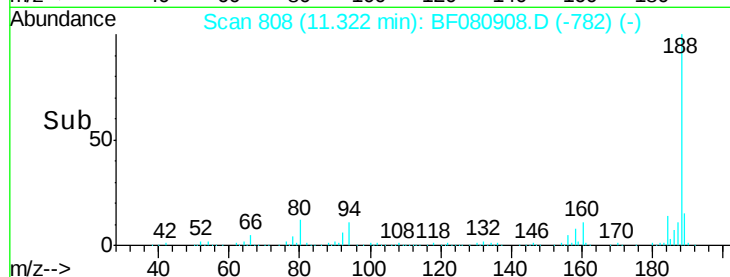
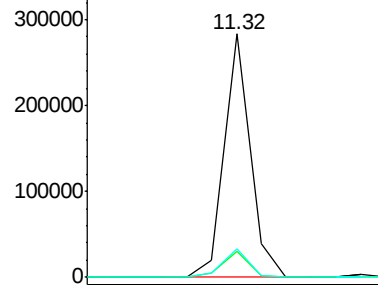
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080908.D
 Acq: 7 Aug 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 23525
 Ion Ratio Lower Upper
 188 100
 94 10.9 10.2 15.2
 80 11.8 11.4 17.2

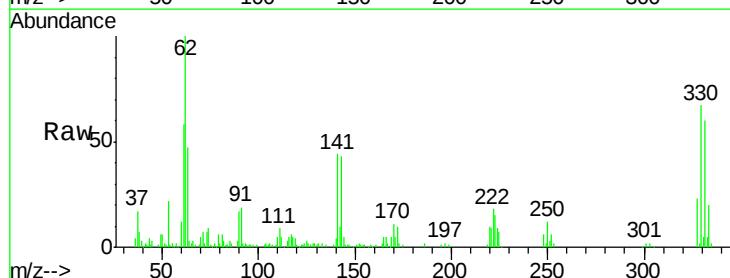


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

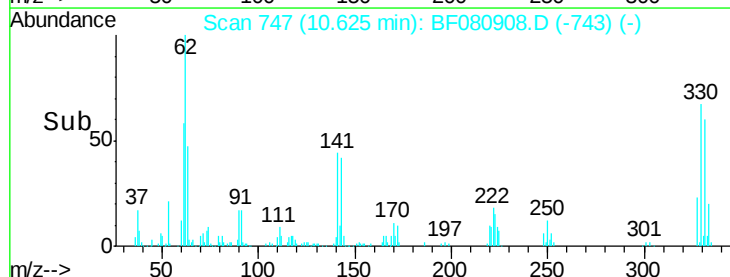
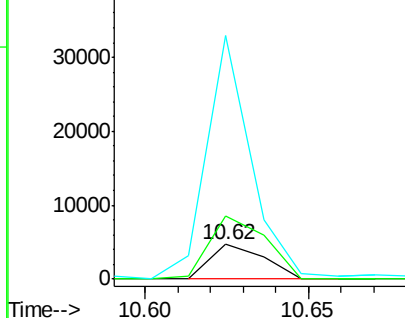


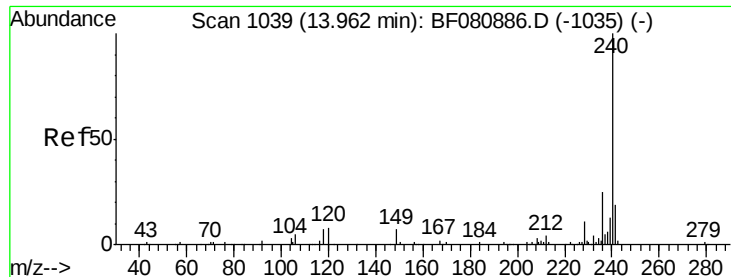
#66
 4-Bromophenyl-phenylether
 Concen: 2.04 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.25 min
 Lab File: BF080908.D
 Acq: 7 Aug 2015 2:10

Tgt Ion:248 Resp: 5220
 Ion Ratio Lower Upper
 248 100
 250 184.9 75.9 113.9#
 141 706.0 75.8 113.6#



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080908.D

Acq: 7 Aug 2015 2:10

Instrument :

BNA_F

ClientSampleId :

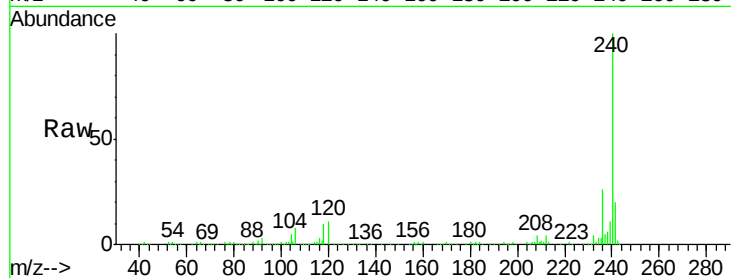
Tot Ion:240 Resp: 225392

Ion Ratio Lower Upper

240 100

120 11.3 6.4 9.6#

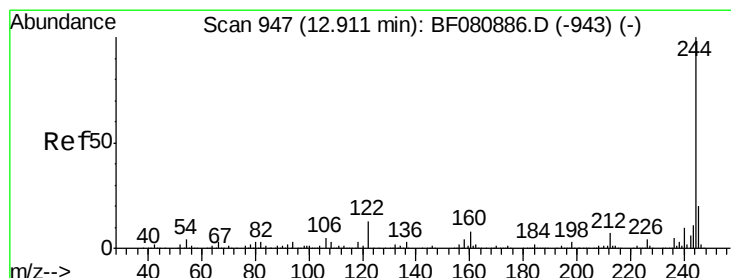
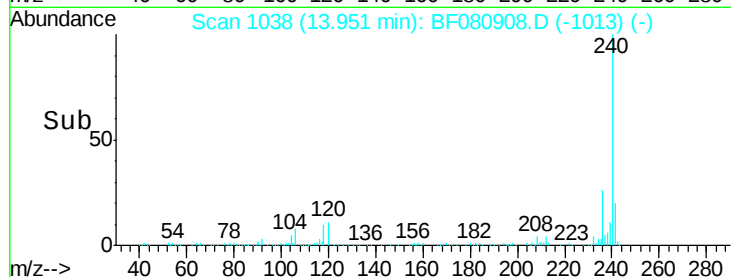
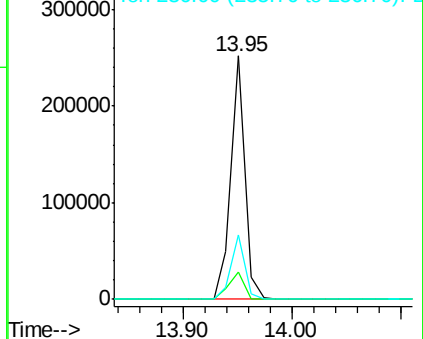
236 26.3 20.2 30.4



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: 63.13 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF080908.D

Acq: 7 Aug 2015 2:10

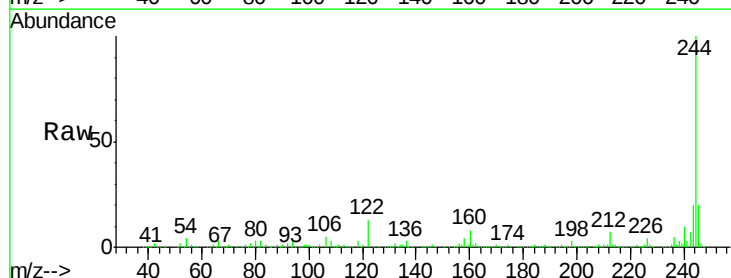
Tgt Ion:244 Resp: 674935

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

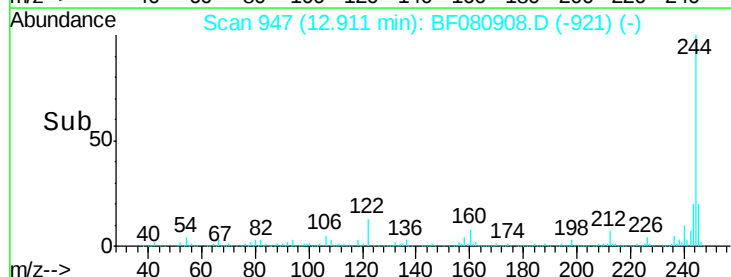
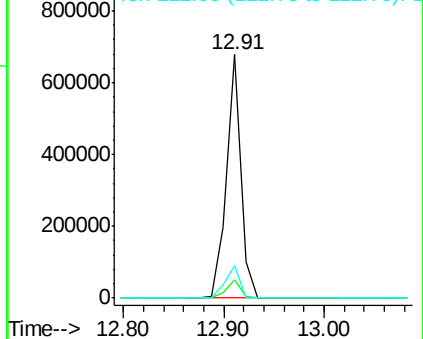
122 13.4 10.6 16.0

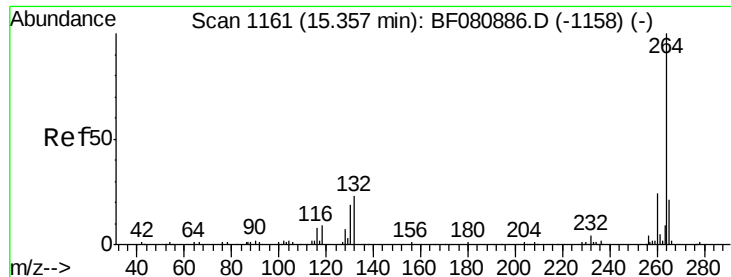


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

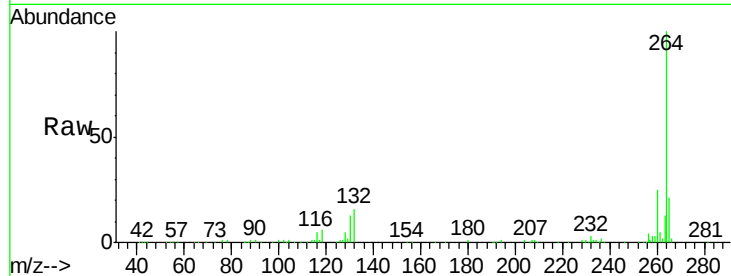




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080908.D
Acq: 7 Aug 2015 2:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.0	28.4
265	21.2	17.0	25.6



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

