

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080698.D
 Acq On : 28 Jul 2015 4:55
 Operator : TP/UM
 Sample : G2973-17RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Jul 28 09:19:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

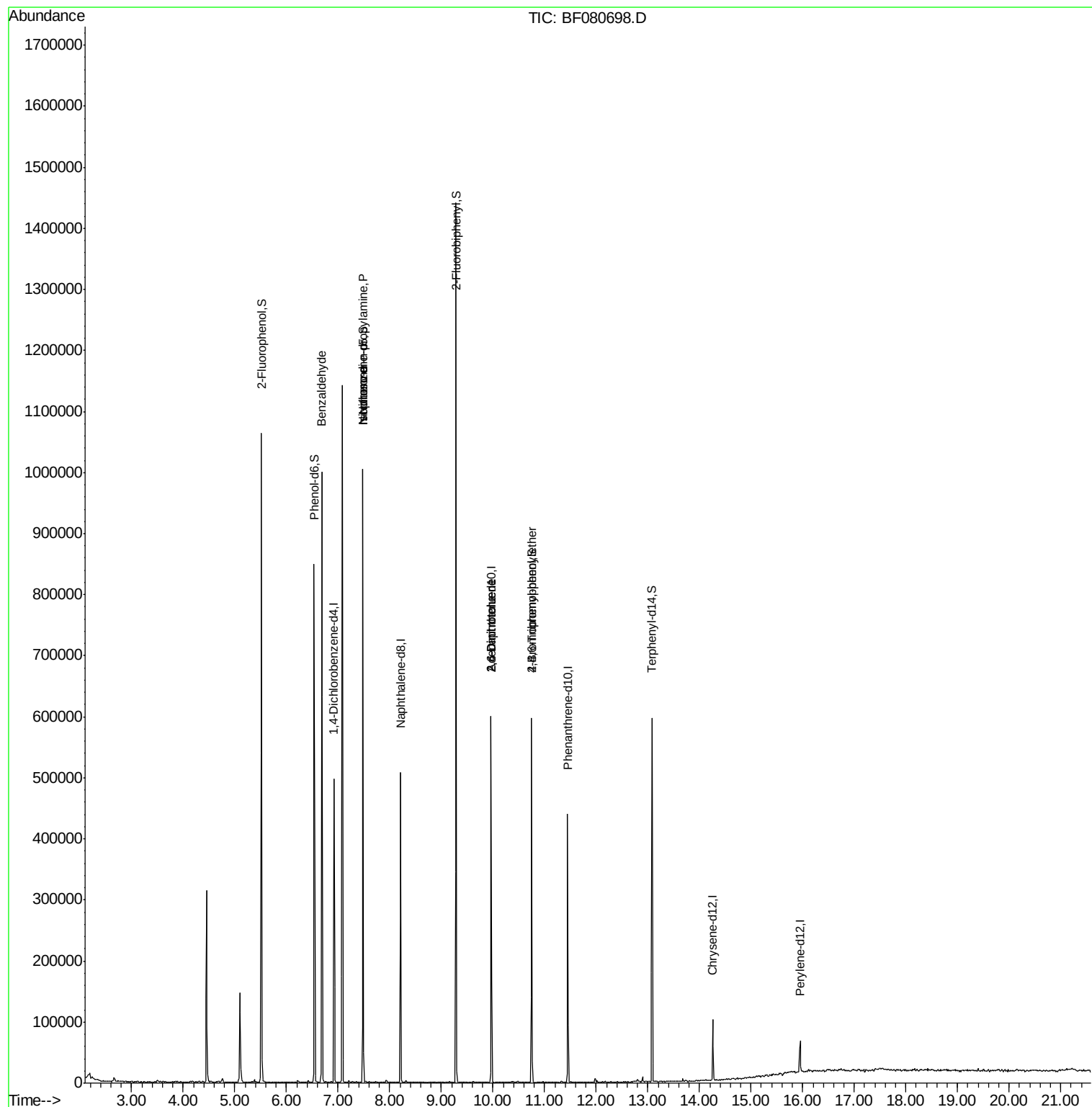
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	70596	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	260237	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	113994	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	152711	20.00	ng	0.00
75) Chrysene-d12	14.26	240	44255	20.00	ng	0.01
86) Perylene-d12	15.95	264	25785	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	303824	68.54	ng	0.01
7) Phenol-d6	6.53	99	304717	63.90	ng	0.00
23) Nitrobenzene-d5	7.48	82	257726	50.88	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	63555	63.70	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	420160	46.44	ng	0.00
78) Terphenyl-d14	13.08	244	196211	75.95	ng	0.01
Target Compounds						
9) Benzaldehyde	6.68	77	7258	2.25	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.48	70	36293	12.93	ng	# 65
25) Isophorone	7.48	82	238589	30.26	ng	# 63
50) 2,6-Dinitrotoluene	9.96	165	14910	10.16	ng	# 41
56) 2,4-Dinitrotoluene	9.96	165	14907	8.91	ng	# 35
66) 4-Bromophenyl-phenylether	10.75	248	4851	2.97	ng	# 1

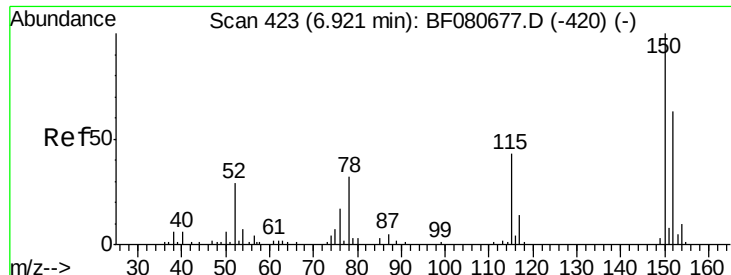
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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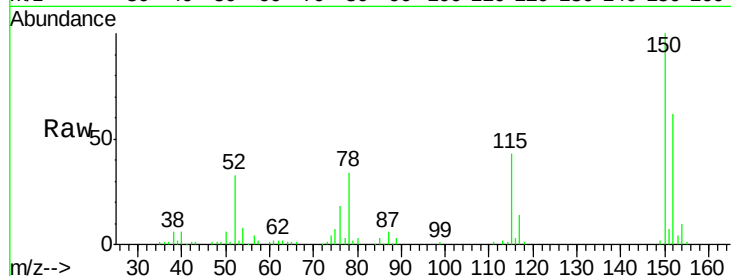


#1

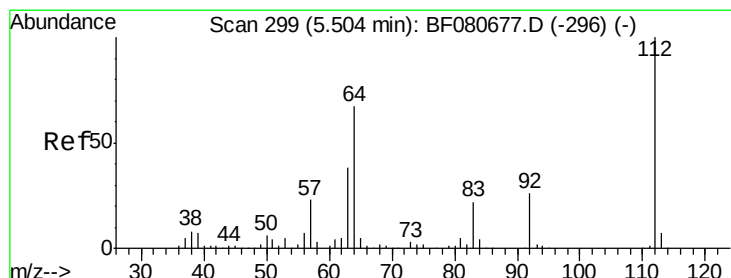
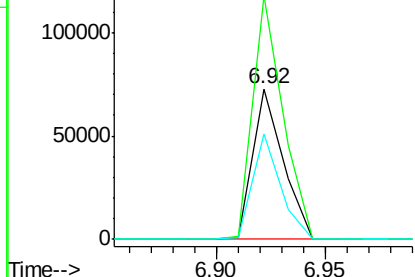
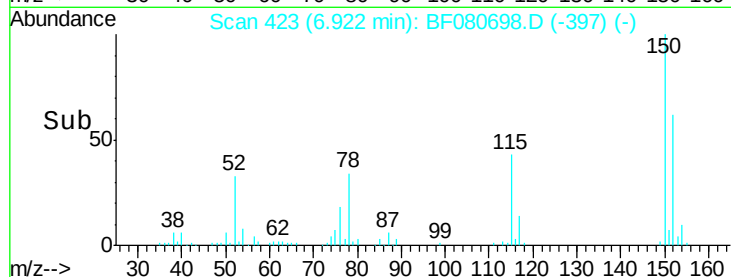
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF080698.D
Acq: 28 Jul 2015 4:55

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	127.7	191.5
115	69.7	54.2	81.4



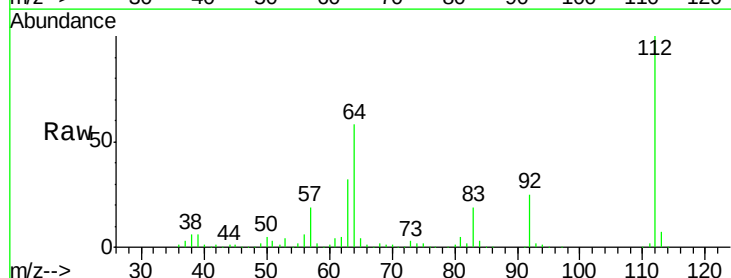
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



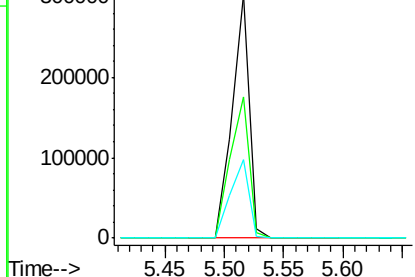
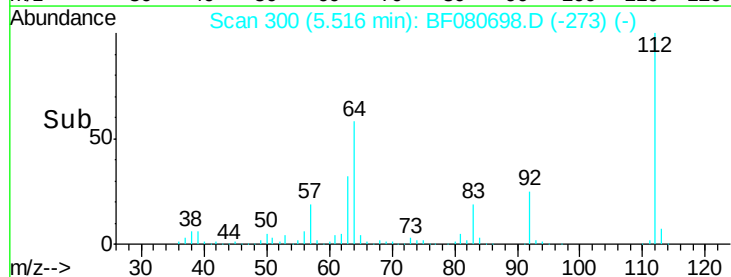
#5

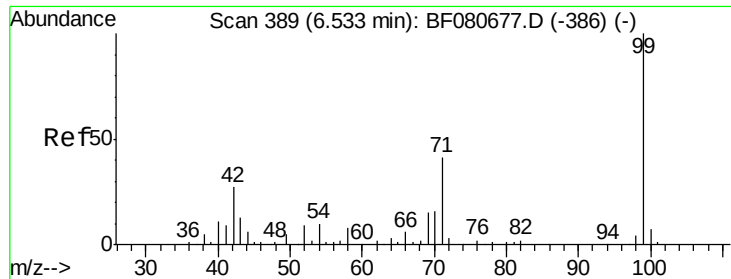
2-Fluorophenol
Concen: 68.54 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.01 min
Lab File: BF080698.D
Acq: 28 Jul 2015 4:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	53.2	79.8
63	32.1	30.4	45.6



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: 63.90 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

FB

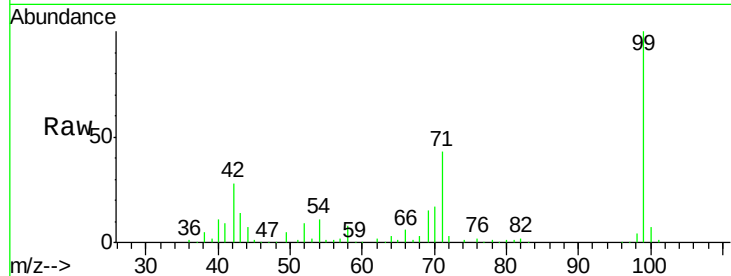
Tot Ion: 99 Resp: 304717

Ion Ratio Lower Upper

99 100

42 27.9 21.8 32.8

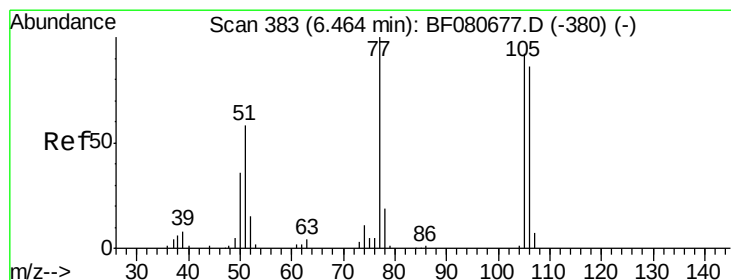
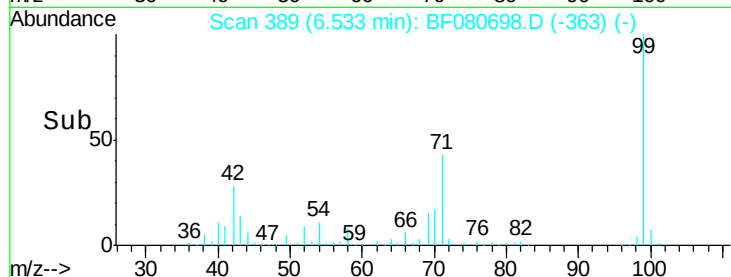
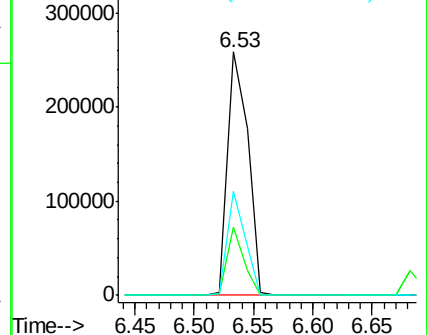
71 42.9 32.9 49.3



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



#9

Benzaldehyde

Concen: 2.25 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.22 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

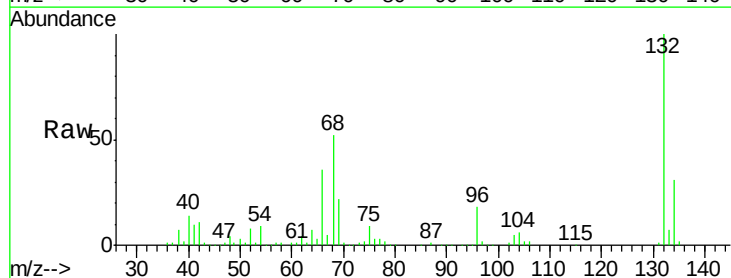
Tgt Ion: 77 Resp: 7258

Ion Ratio Lower Upper

77 100

105 75.5 72.1 112.1

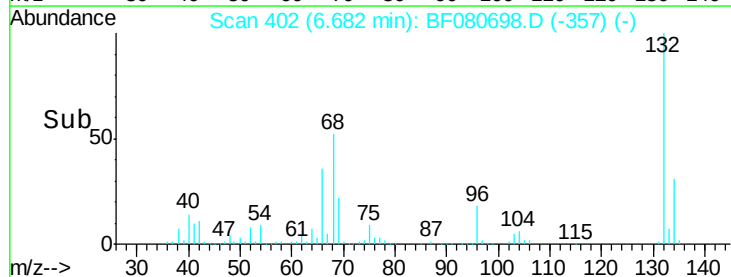
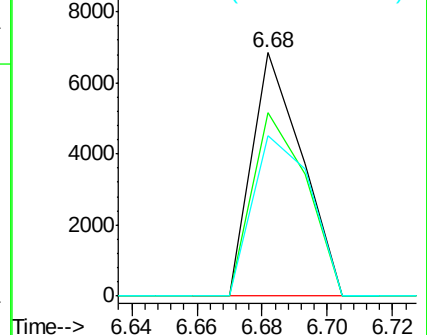
106 65.7 65.5 105.5

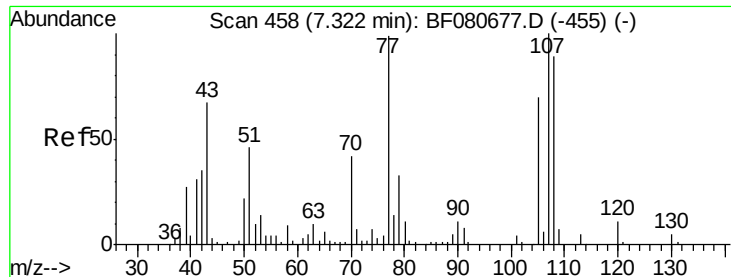


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.93 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.16 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

FB

Tot Ion: 70 Resp: 36293

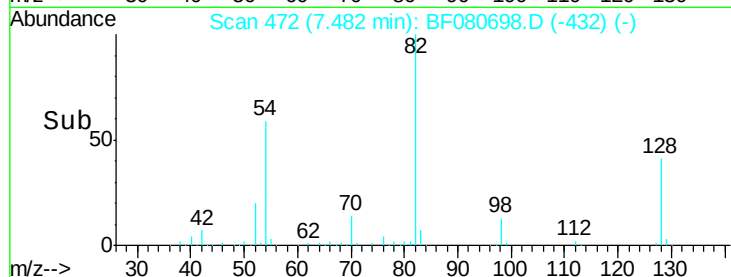
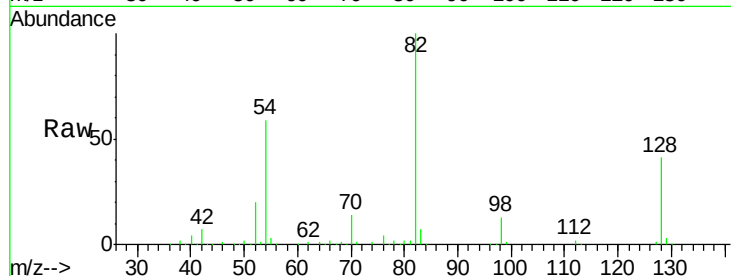
Ion Ratio Lower Upper

70 100

42 50.4 67.4 101.2#

101 0.0 7.3 10.9#

130 0.8 10.5 15.7#

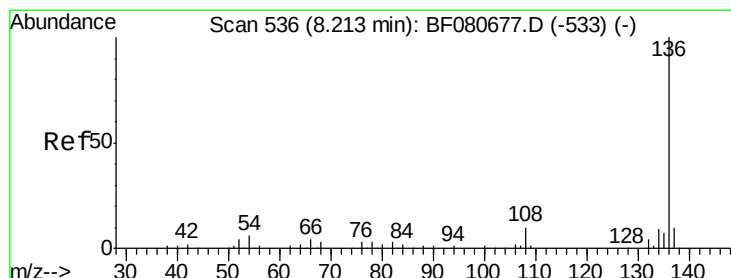
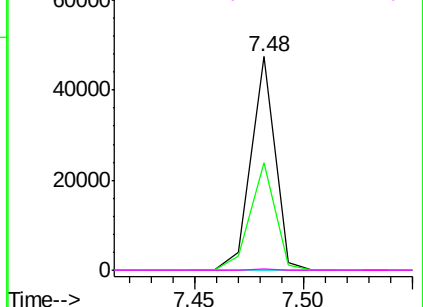


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

Tgt Ion: 136 Resp: 260237

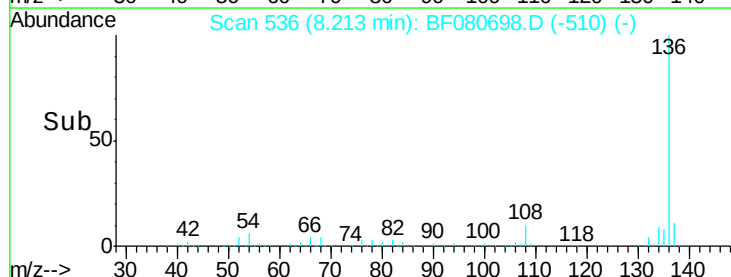
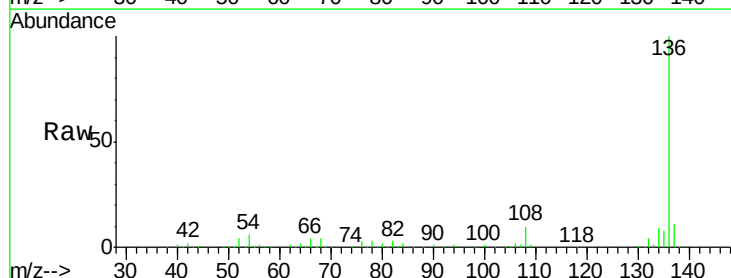
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 6.3 5.0 7.4

68 3.6 2.7 4.1

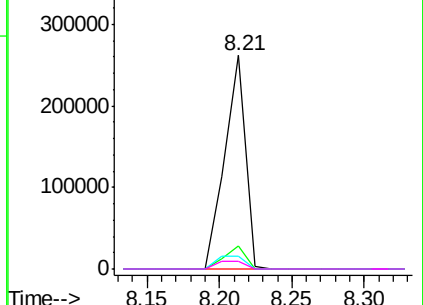


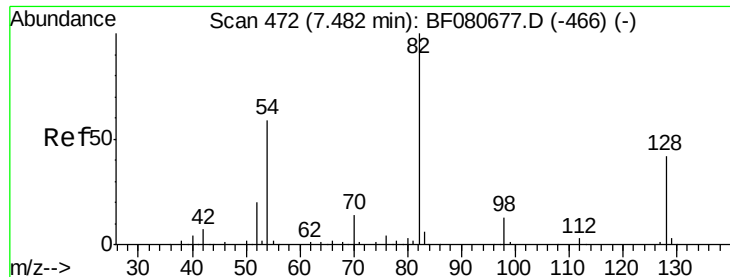
Abundance Ion 136.00 (135.70 to 136.70): E

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

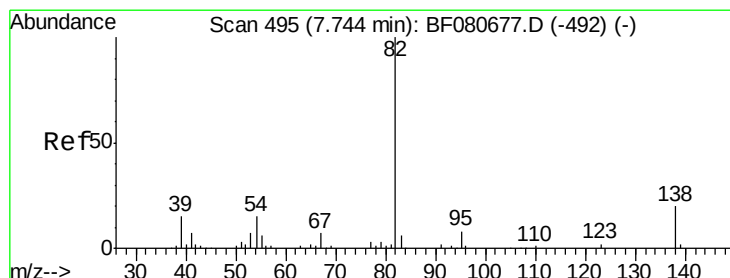
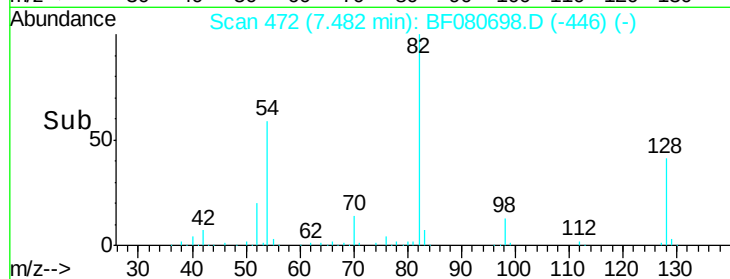
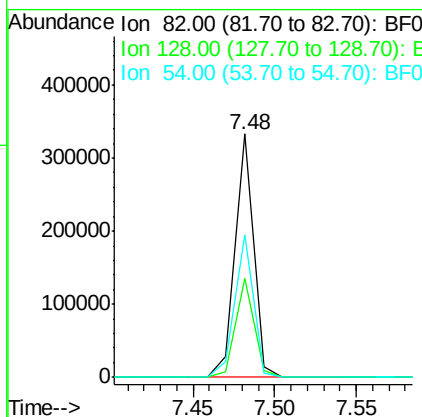
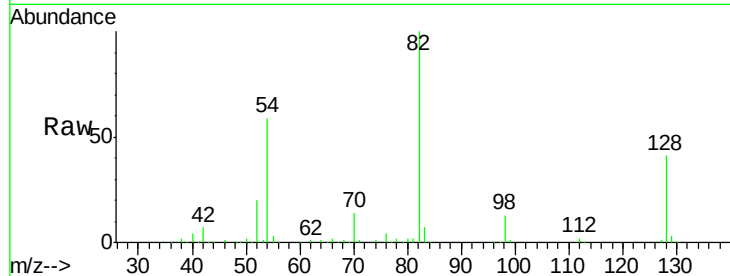




#23
 Nitrobenzene-d5
 Concen: 50.88 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

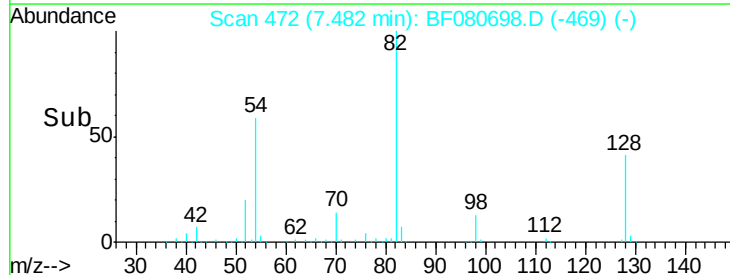
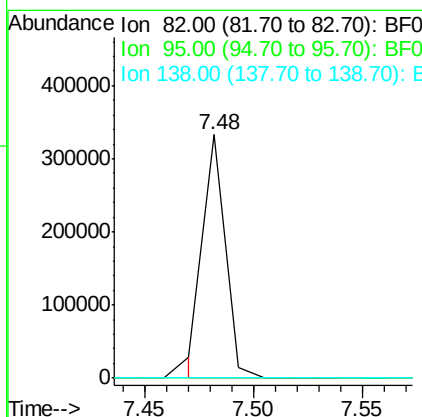
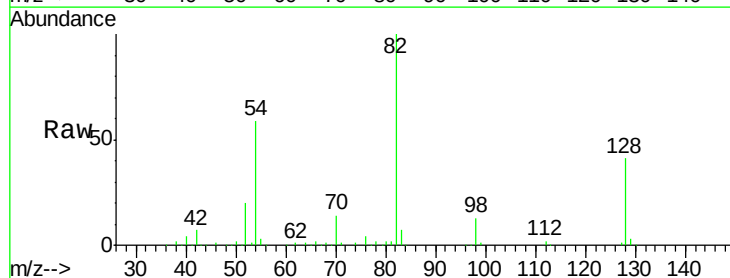
Instrument :
 BNA_F
 ClientSampled :
 FB

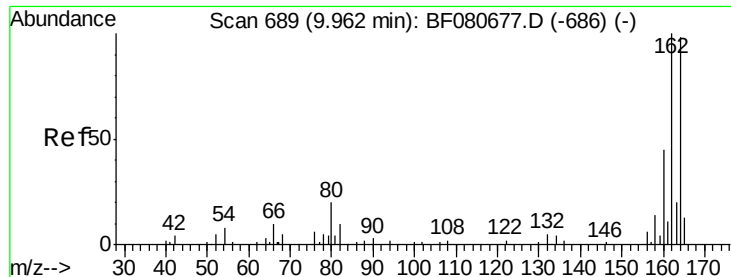
Tot Ion	82	Resp	257726
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.7	50.5
54	58.7	47.3	70.9



#25
 Isophorone
 Concen: 30.26 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Tgt Ion	82	Resp	238589
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.2	9.2#
138	0.0	15.8	23.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

FB

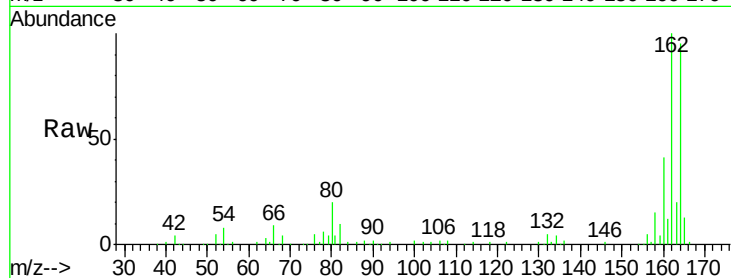
Tot Ion:164 Resp: 113994

Ion Ratio Lower Upper

164 100

162 105.4 82.0 123.0

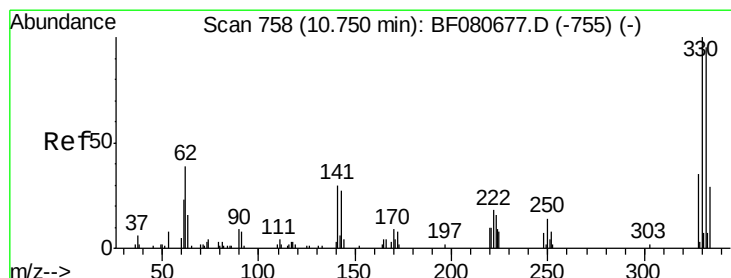
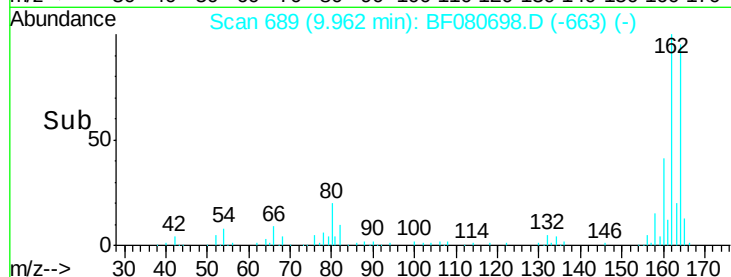
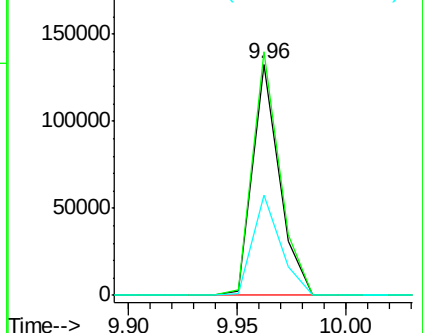
160 43.6 36.7 55.1



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: 63.70 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF080698.D

Acq: 28 Jul 2015 4:55

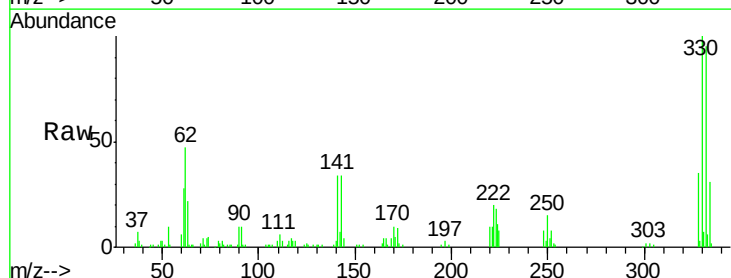
Tgt Ion:330 Resp: 63555

Ion Ratio Lower Upper

330 100

332 93.5 76.9 115.3

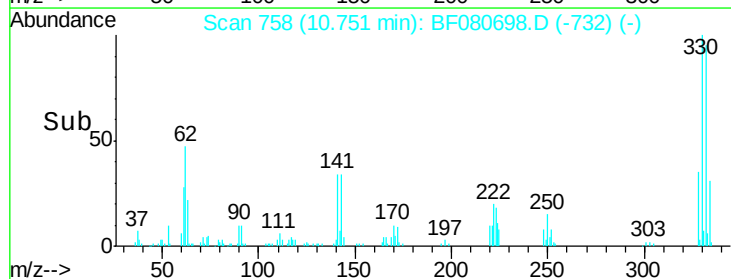
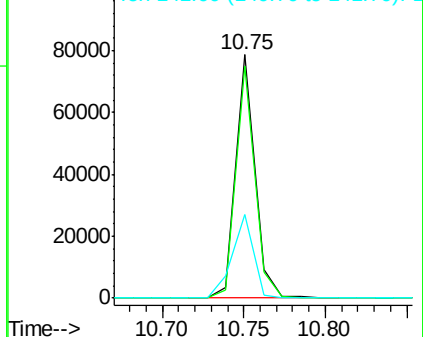
141 37.8 30.6 45.8

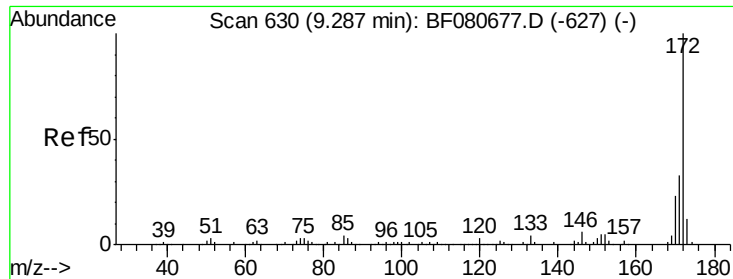


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

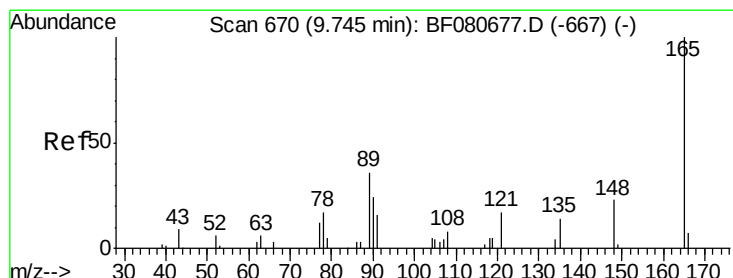
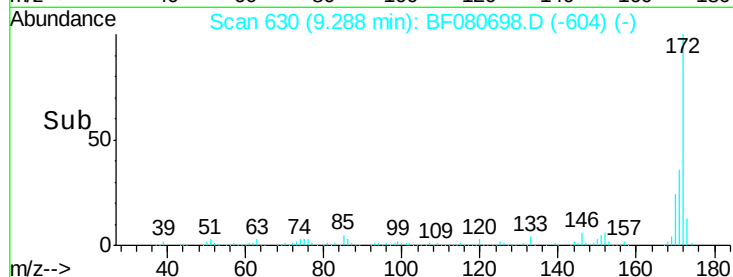
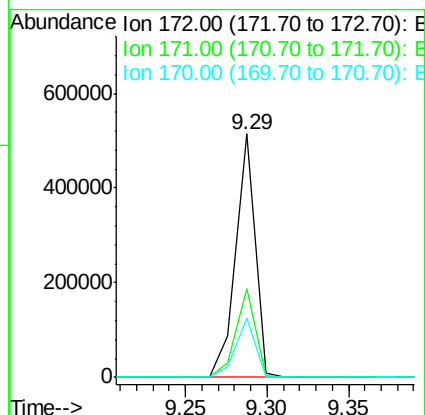
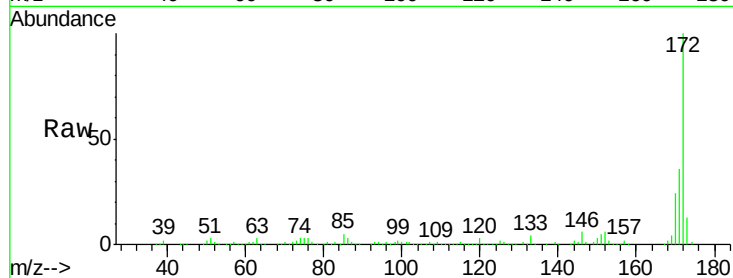




#44
 2-Fluorobiphenyl
 Concen: 46.44 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

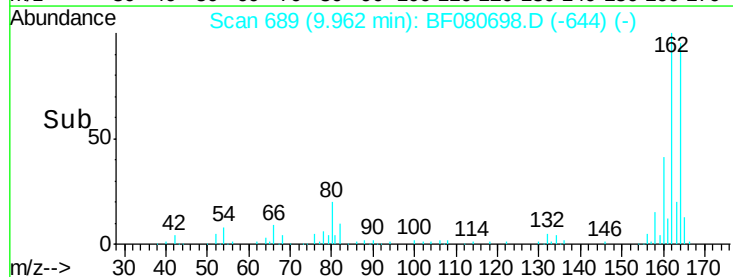
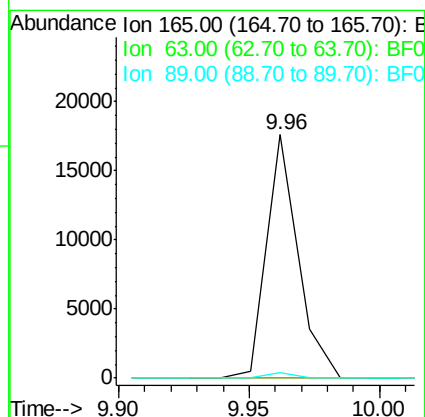
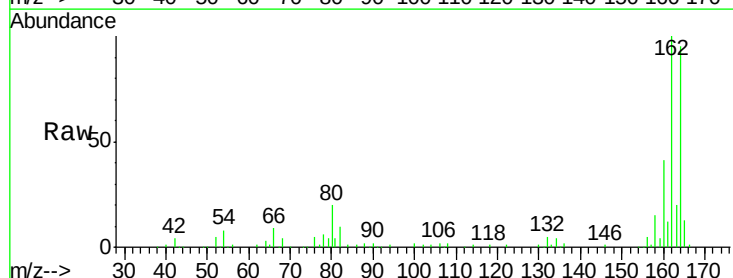
Instrument :
 BNA_F
 ClientSampleId :
 FB

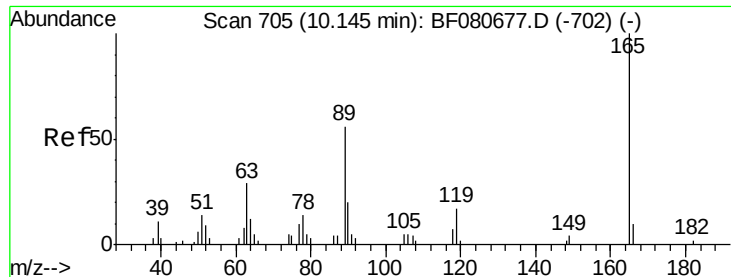
Tot Ion:172 Resp: 420160
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.6 39.8
 170 24.2 18.6 28.0



#50
 2,6-Dinitrotoluene
 Concen: 10.16 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.22 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Tgt Ion:165 Resp: 14910
 Ion Ratio Lower Upper
 165 100
 63 0.0 27.1 40.7#
 89 2.1 29.0 43.6#

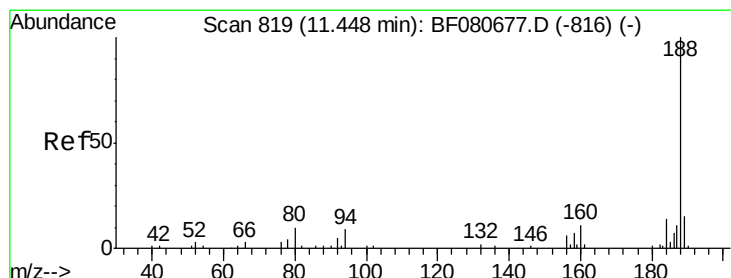
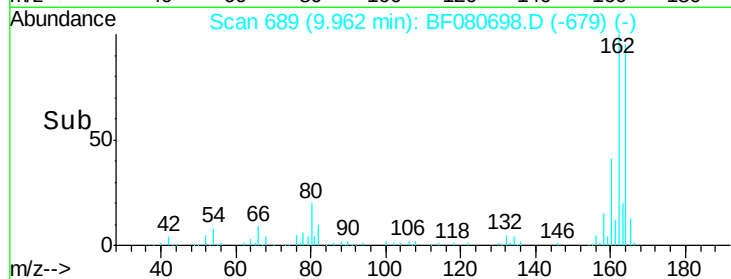
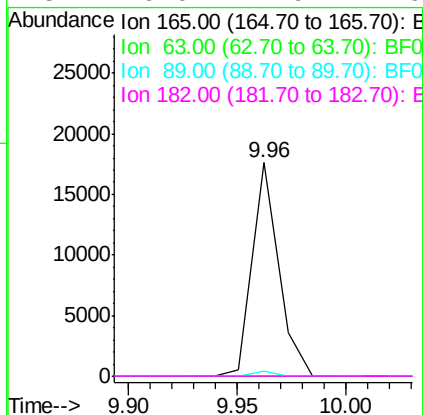
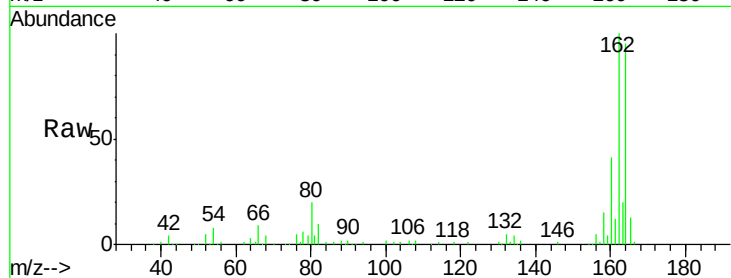




#56
 2,4-Dinitrotoluene
 Concen: 8.91 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.18 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

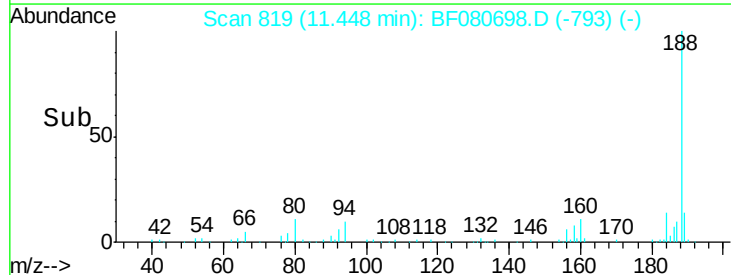
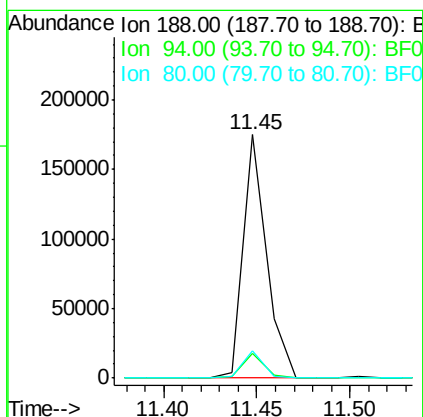
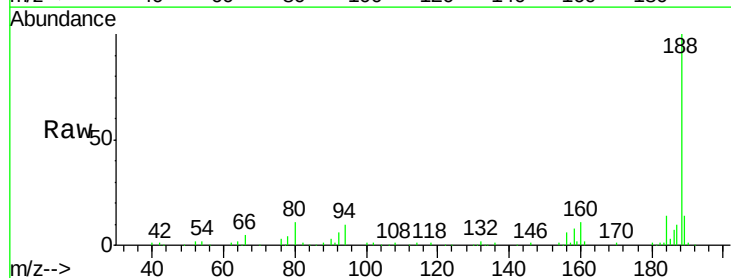
Instrument :
 BNA_F
 ClientSampled :
 FB

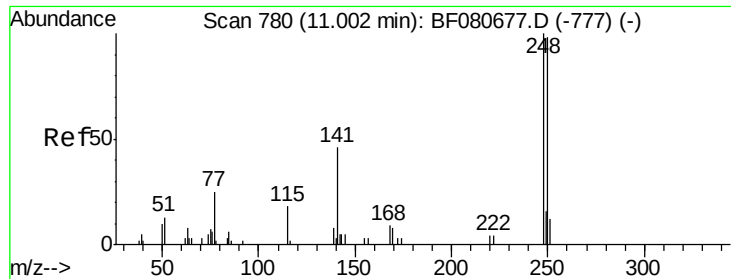
Tot Ion:165	Resp:	14907
Ion Ratio	Lower	Upper
165	100	
63	0.0	23.2 34.8#
89	2.1	44.6 67.0#
182	0.0	1.9 2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Tgt Ion:188	Resp:	152711
Ion Ratio	Lower	Upper
188	100	
94	9.9	7.2 10.8
80	11.3	8.2 12.2

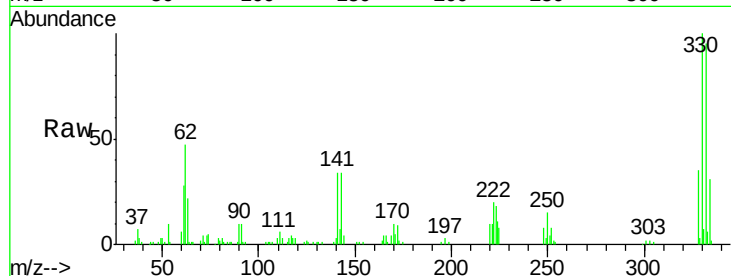




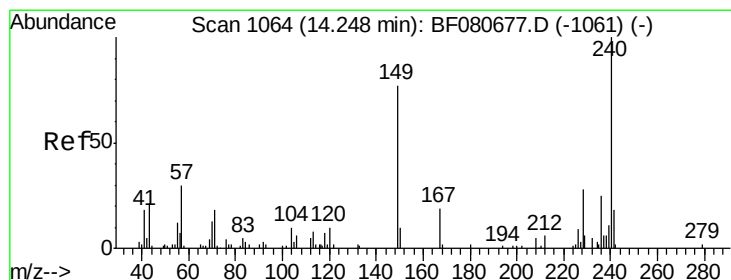
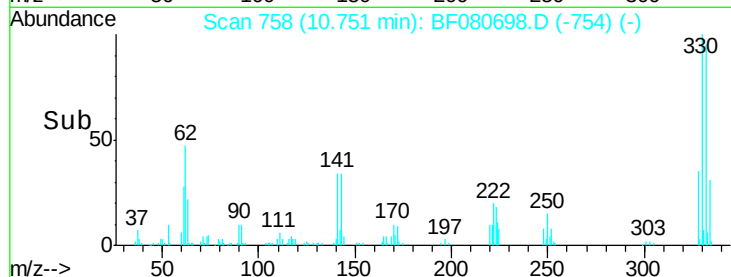
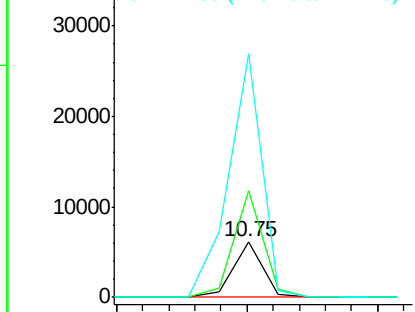
#66
4-Bromophenyl-phenylether
Concen: 2.97 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.25 min
Lab File: BF080698.D
Acq: 28 Jul 2015 4:55

Instrument :
BNA_F
ClientSampled :
FB

Tot Ion:248 Resp: 4851
Ion Ratio Lower Upper
248 100
250 191.9 78.5 117.7#
141 436.7 36.8 55.2#

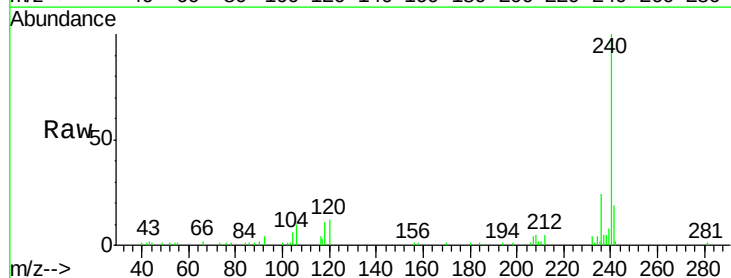


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

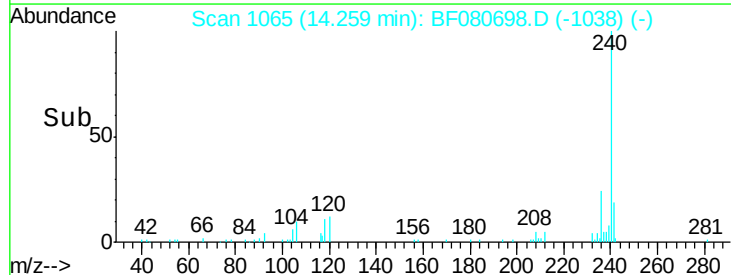
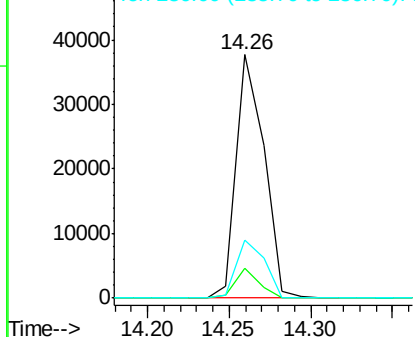


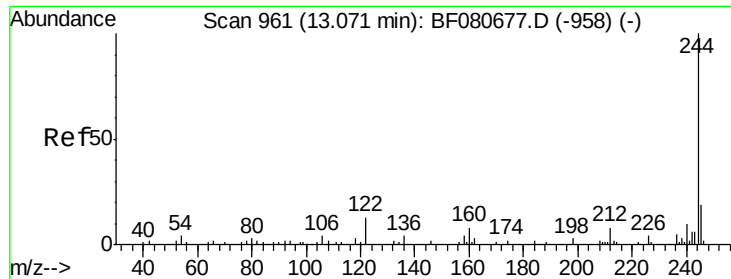
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.26 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BF080698.D
Acq: 28 Jul 2015 4:55

Tgt Ion:240 Resp: 44255
Ion Ratio Lower Upper
240 100
120 12.3 8.0 12.0#
236 23.6 20.0 30.0



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

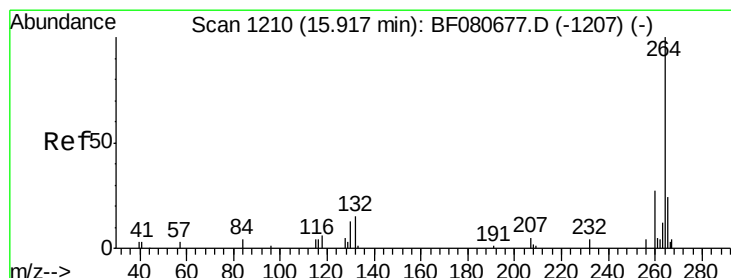
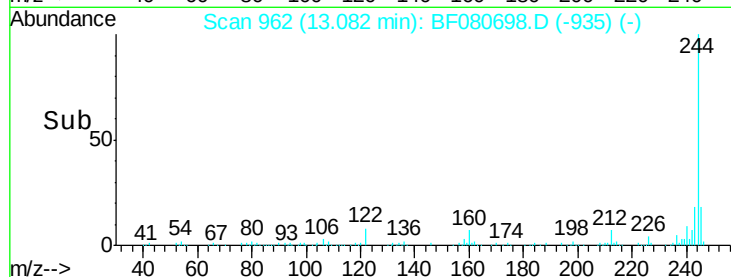
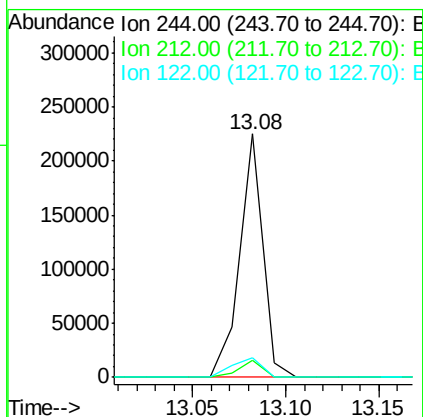
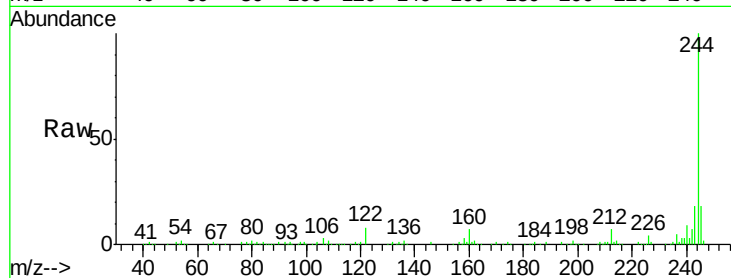




#78
 Terphenyl-d14
 Concen: 75.95 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:244 Resp: 196211
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.1 10.2 15.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.95 min Scan# 1213
 Delta R.T. 0.03 min
 Lab File: BF080698.D
 Acq: 28 Jul 2015 4:55

Tgt Ion:264 Resp: 25785
 Ion Ratio Lower Upper
 264 100
 260 25.4 21.6 32.4
 265 22.0 19.3 28.9

