

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072715\
 Data File : BF080688.D
 Acq On : 28 Jul 2015 00:04
 Operator : TP/UM
 Sample : PB84659BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BL

Quant Time: Jul 28 07:54:20 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

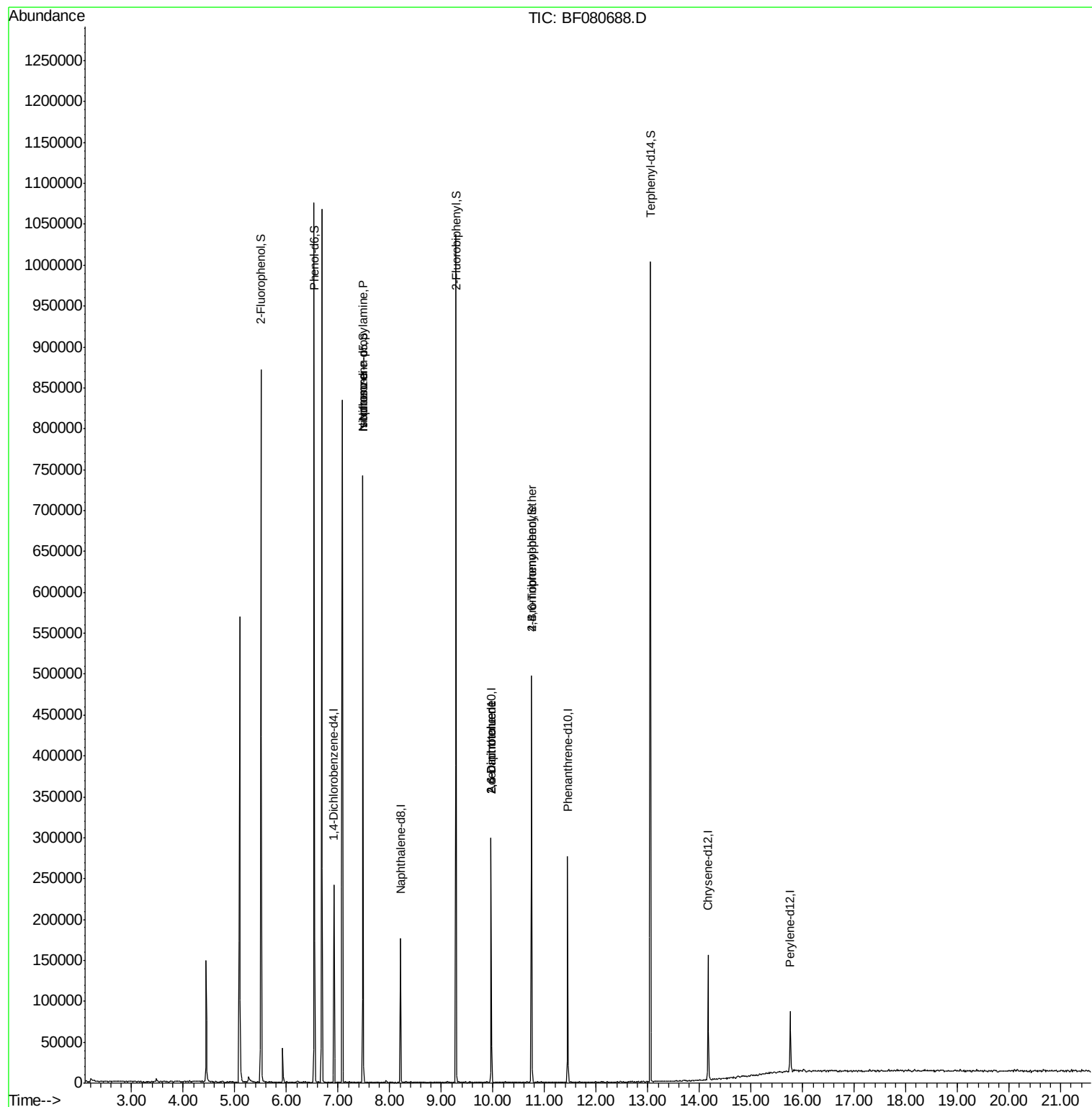
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	30821	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	104631	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	53989	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	93783	20.00	ng	0.00
75) Chrysene-d12	14.17	240	61678	20.00	ng	-0.08
86) Perylene-d12	15.76	264	38115	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	249333	128.84	ng	0.00
7) Phenol-d6	6.53	99	292428	140.45	ng	0.00
23) Nitrobenzene-d5	7.48	82	196780	96.63	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	63803	135.02	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	336344	78.50	ng	0.00
78) Terphenyl-d14	13.05	244	301189	83.65	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.48	70	25989	21.21	ng	# 67
25) Isophorone	7.48	82	175307	55.30	ng	# 63
50) 2,6-Dinitrotoluene	9.96	165	6453	9.29	ng	# 40
56) 2,4-Dinitrotoluene	9.96	165	6452	8.15	ng	# 33
66) 4-Bromophenyl-phenylether	10.75	248	4280	4.27	ng	# 1

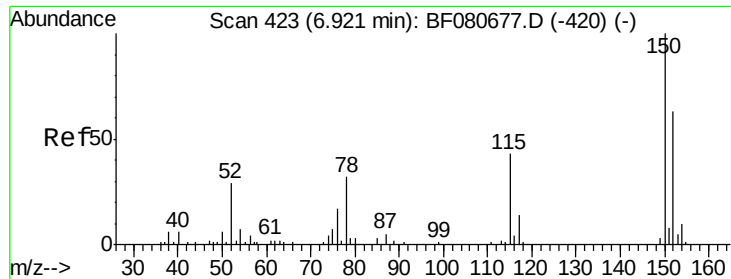
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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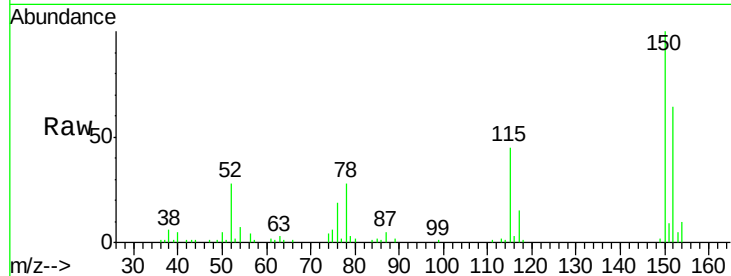




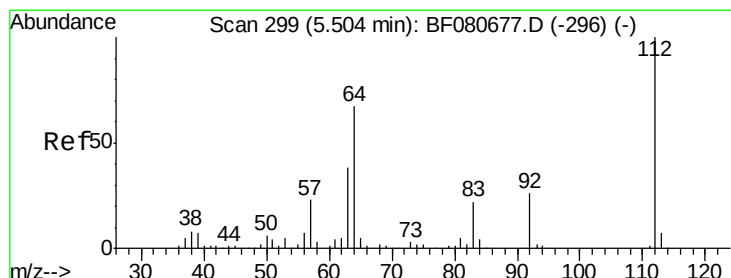
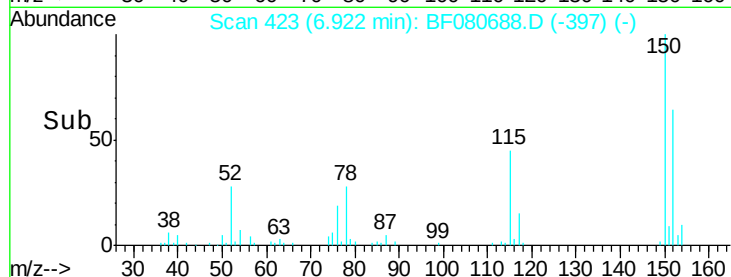
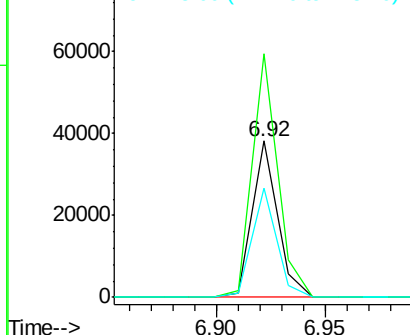
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF080688.D
 Acq: 28 Jul 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BL

Tgt Ion:152 Resp: 30821
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.7 191.5
 115 69.6 54.2 81.4

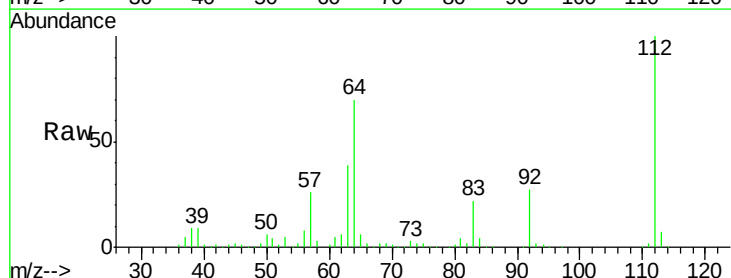


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

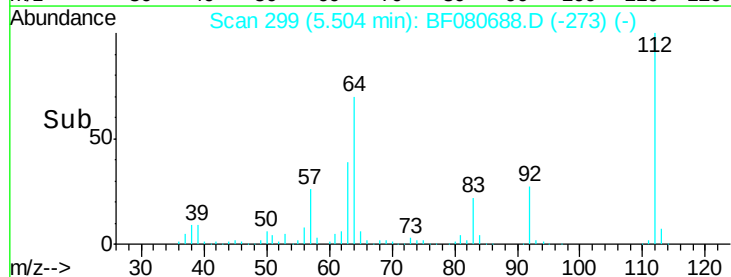
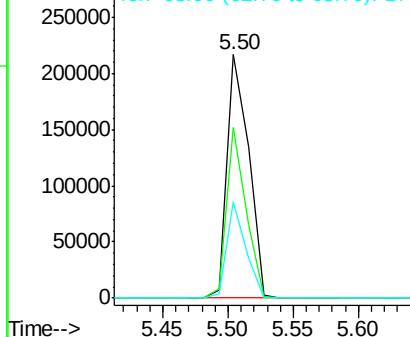


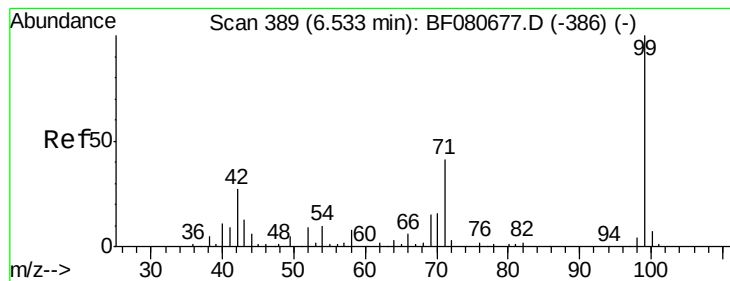
#5
 2-Fluorophenol
 Concen: 128.84 ng
 RT: 5.50 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: BF080688.D
 Acq: 28 Jul 2015 00:04

Tgt Ion:112 Resp: 249333
 Ion Ratio Lower Upper
 112 100
 64 70.1 53.2 79.8
 63 39.4 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: 140.45 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF080688.D

Acq: 28 Jul 2015 00:04

Instrument :

BNA_F

ClientSampleId :

PB84659BL

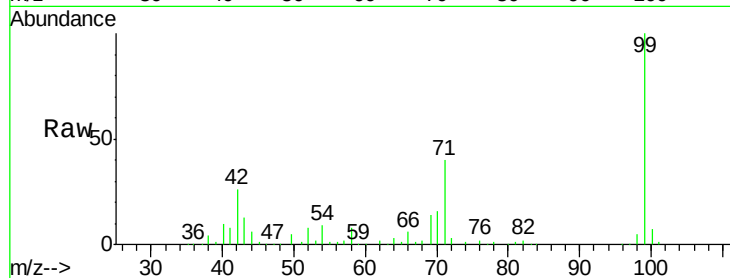
Tgt Ion: 99 Resp: 292428

Ion Ratio Lower Upper

99 100

42 26.0 21.8 32.8

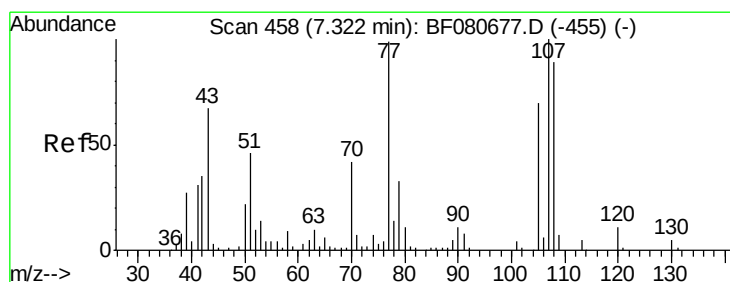
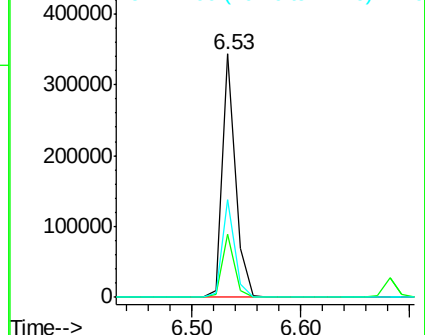
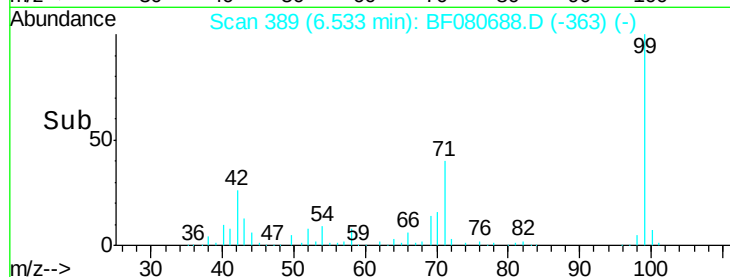
71 40.2 32.9 49.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 21.21 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.16 min

Lab File: BF080688.D

Acq: 28 Jul 2015 00:04

Tgt Ion: 70 Resp: 25989

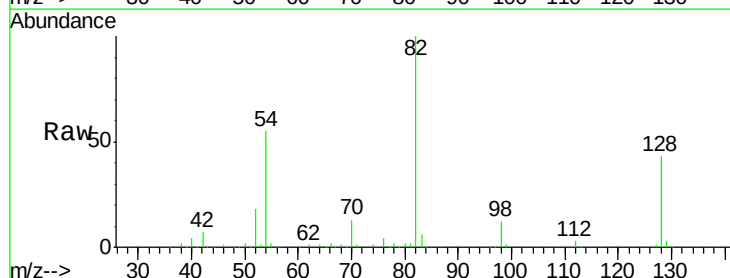
Ion Ratio Lower Upper

70 100

42 53.5 67.4 101.2#

101 0.0 7.3 10.9#

130 1.6 10.5 15.7#

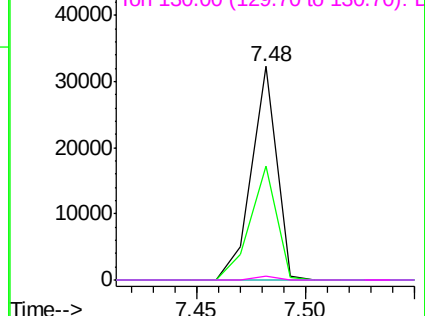
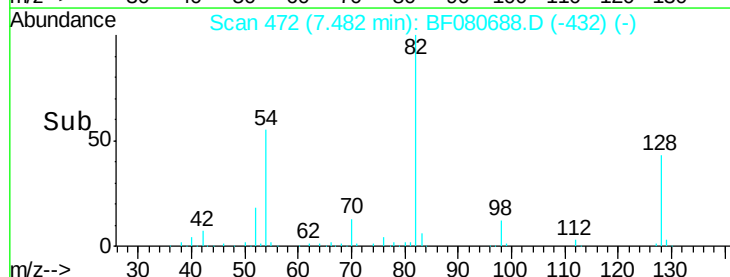


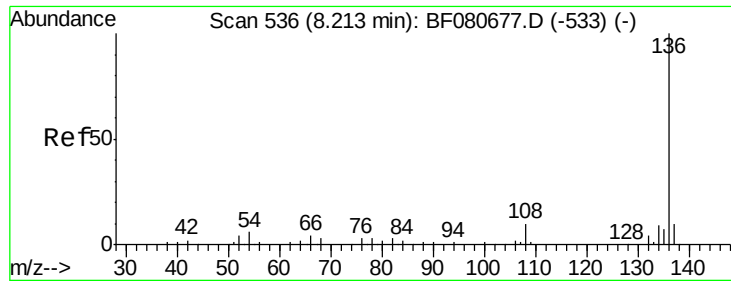
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

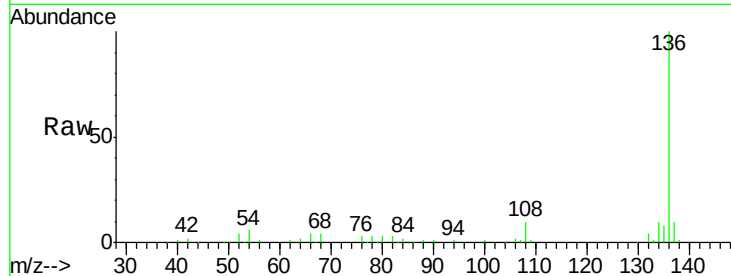




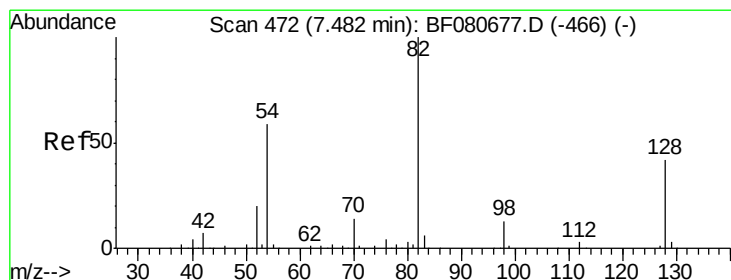
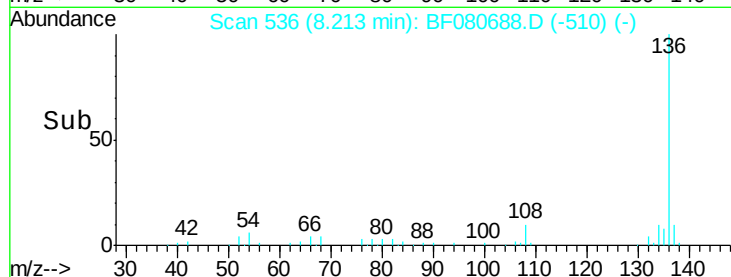
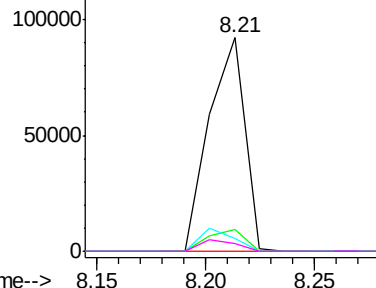
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080688.D
Acq: 28 Jul 2015 00:04

Instrument :
BNA_F
ClientSampleId :
PB84659BL

Tgt Ion:	136	Resp:	104631
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	6.0	5.0	7.4
68	3.7	2.7	4.1

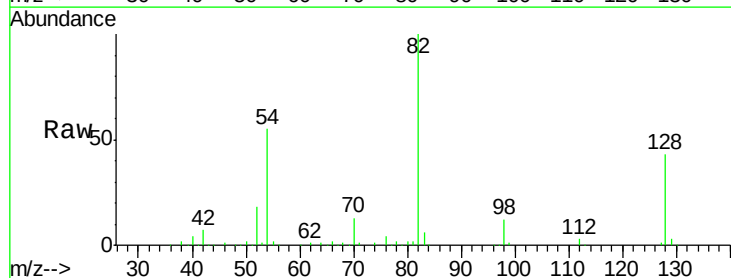


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

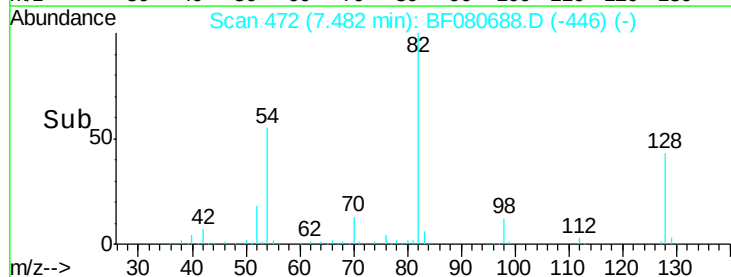
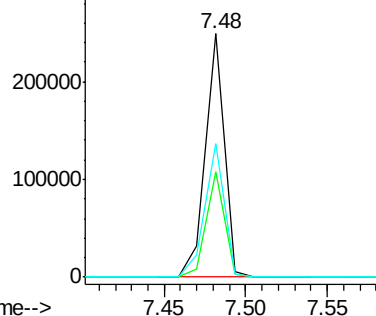


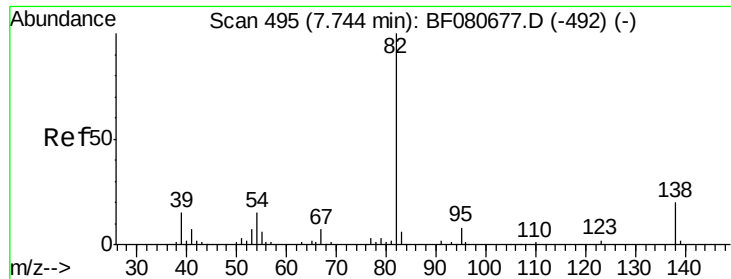
#23
Nitrobenzene-d5
Concen: 96.63 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080688.D
Acq: 28 Jul 2015 00:04

Tgt Ion:	82	Resp:	196780
Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.7	50.5
54	55.0	47.3	70.9



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: 55.30 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF080688.D

Acq: 28 Jul 2015 00:04

Instrument :

BNA_F

ClientSampleId :

PB84659BL

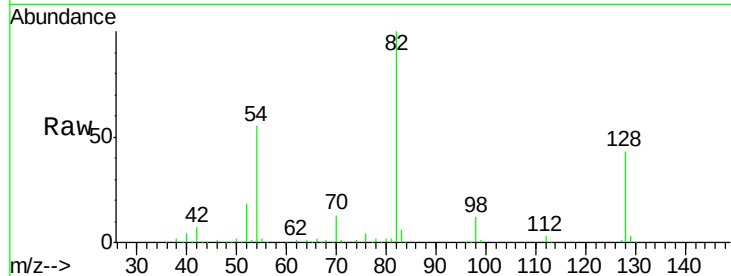
Tgt Ion: 82 Resp: 175307

Ion Ratio Lower Upper

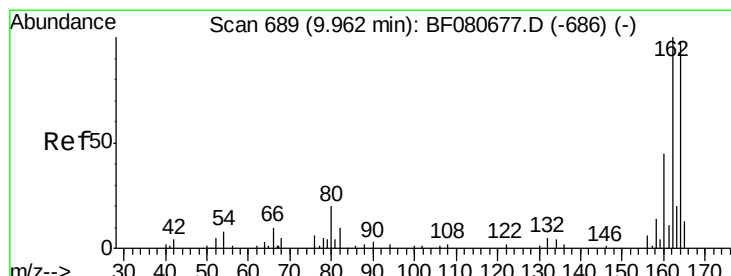
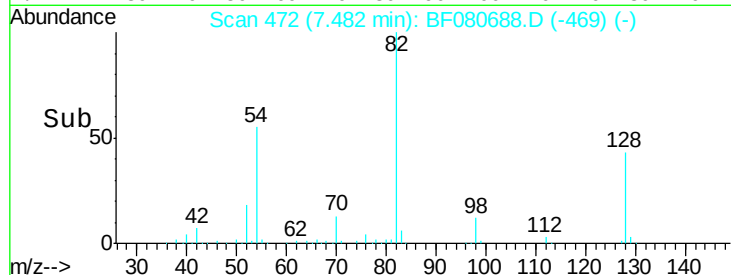
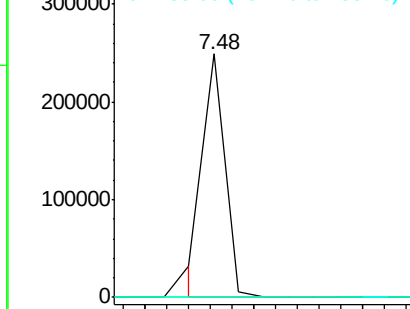
82 100

95 0.0 6.2 9.2#

138 0.0 15.8 23.6#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF080688.D

Acq: 28 Jul 2015 00:04

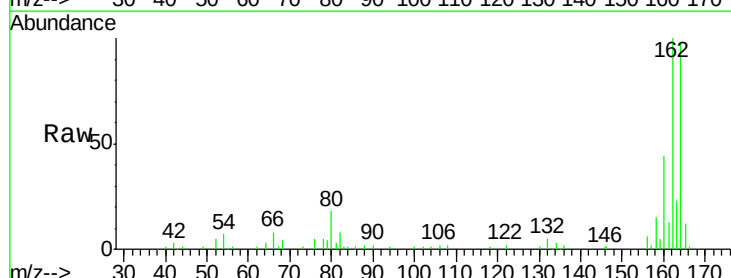
Tgt Ion:164 Resp: 53989

Ion Ratio Lower Upper

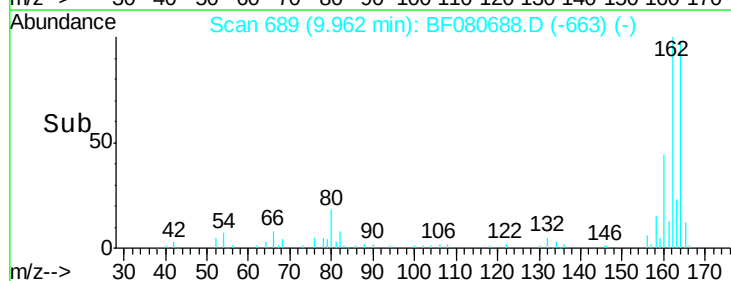
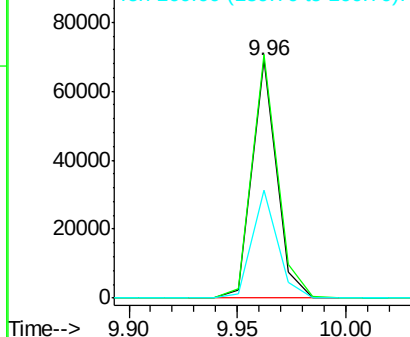
164 100

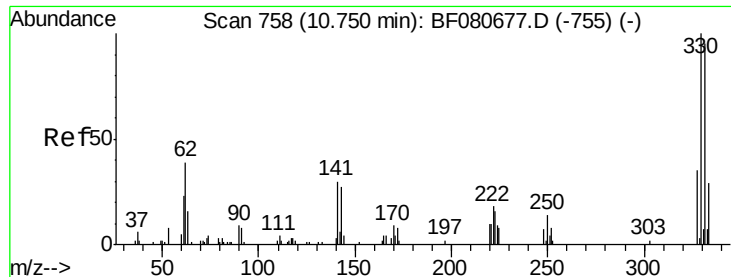
162 102.3 82.0 123.0

160 45.4 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

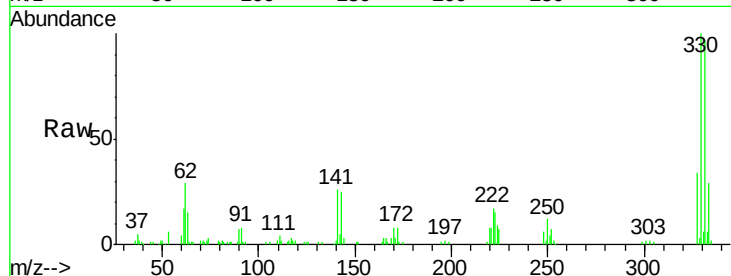




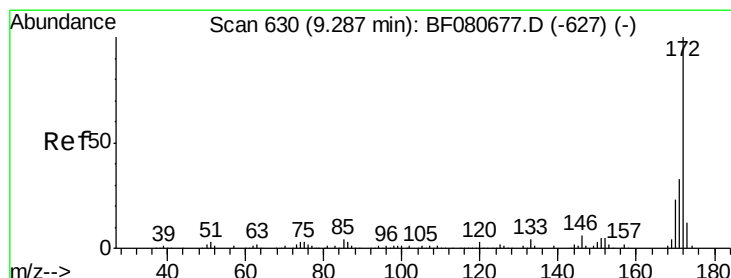
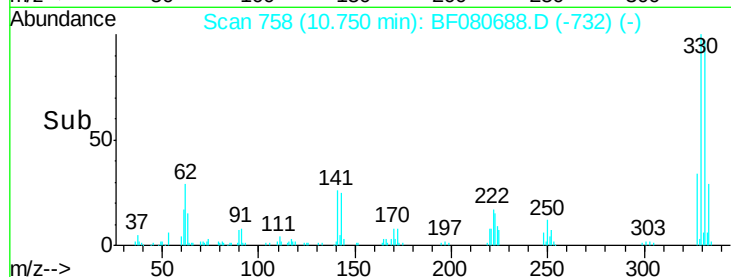
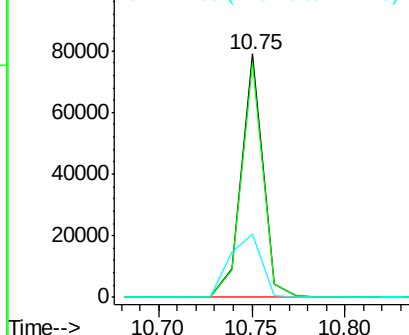
#41
 2,4,6-Tribromophenol
 Concen: 135.02 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080688.D
 Acq: 28 Jul 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BL

Tgt Ion:330 Resp: 63803
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 38.2 30.6 45.8

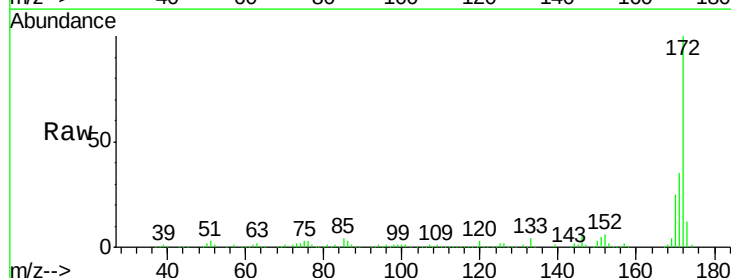


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

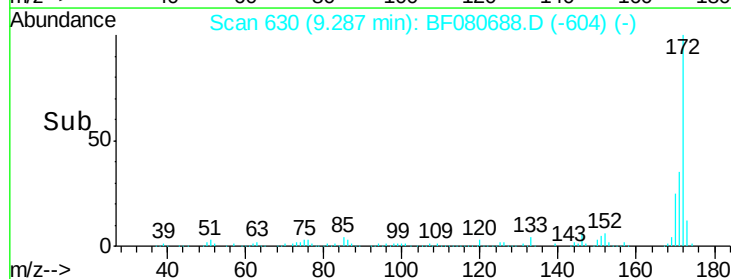
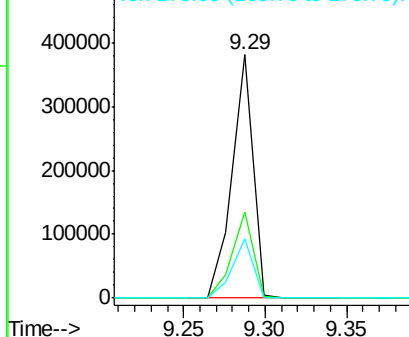


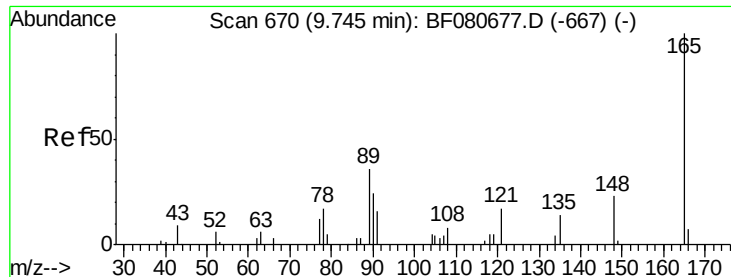
#44
 2-Fluorobiphenyl
 Concen: 78.50 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080688.D
 Acq: 28 Jul 2015 00:04

Tgt Ion:172 Resp: 336344
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.6 39.8
 170 24.5 18.6 28.0



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

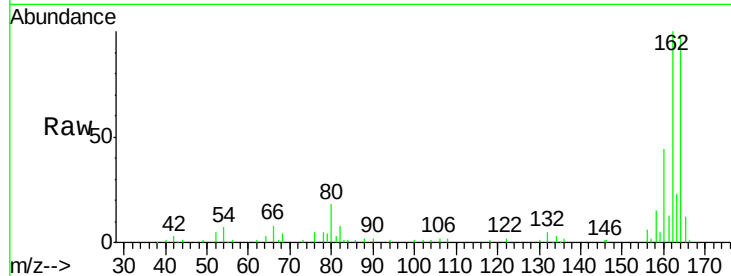




#50
 2,6-Dinitrotoluene
 Concen: 9.29 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.22 min
 Lab File: BF080688.D
 Acq: 28 Jul 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BL

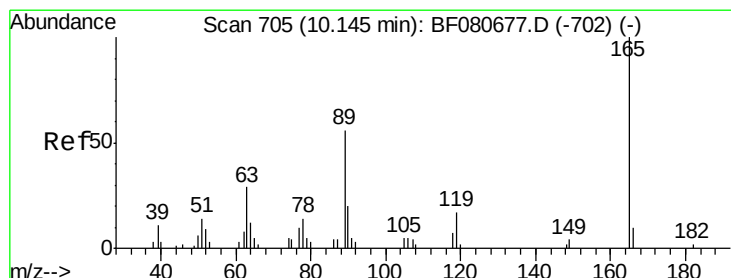
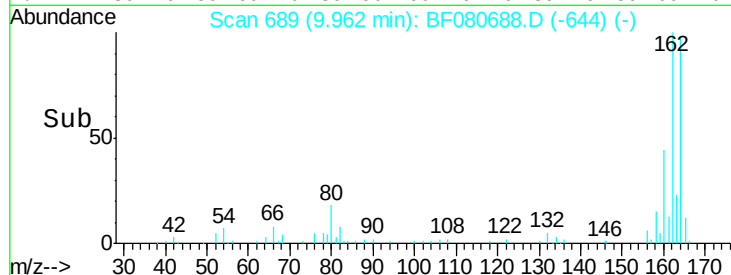
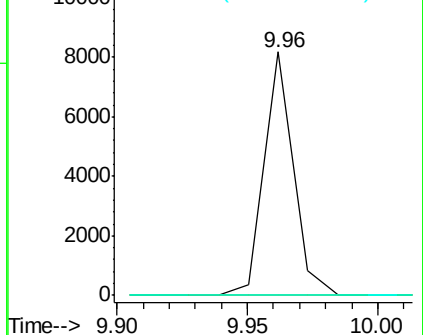
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.1	40.7#
89	0.0	29.0	43.6#



Abundance Ion 165.00 (164.70 to 165.70): E

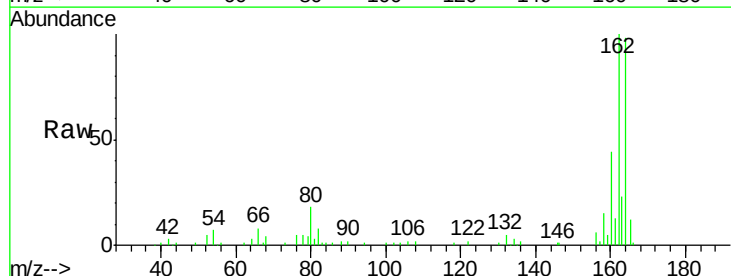
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.18 min
 Lab File: BF080688.D
 Acq: 28 Jul 2015 00:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	23.2	34.8#
89	0.0	44.6	67.0#
182	0.0	1.9	2.9#

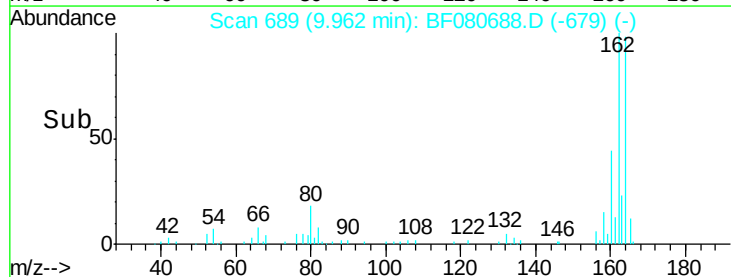
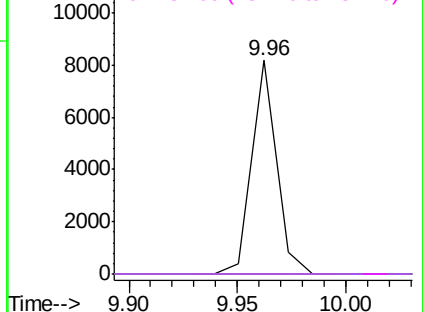


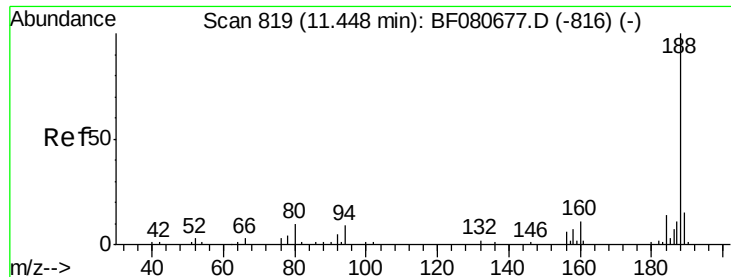
Abundance Ion 165.00 (164.70 to 165.70): E

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

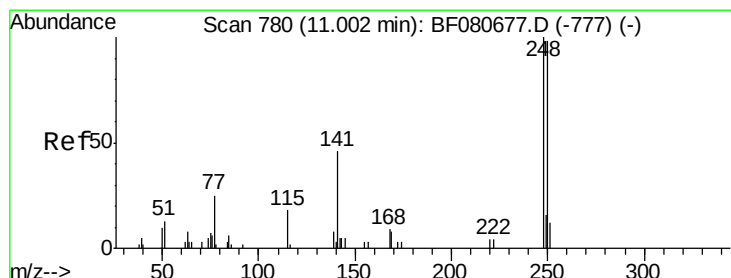
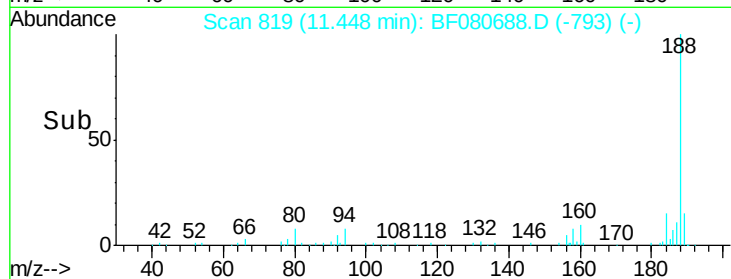
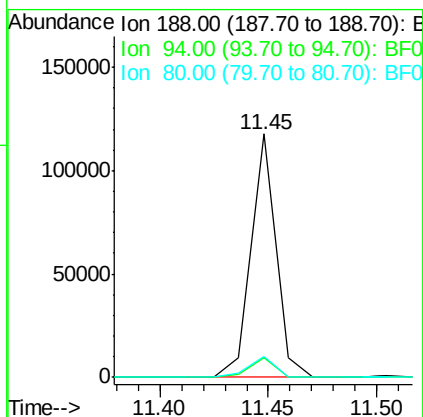
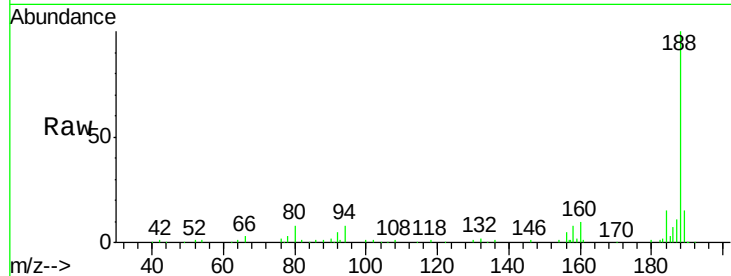




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF080688.D
 Acq: 28 Jul 2015 00:04

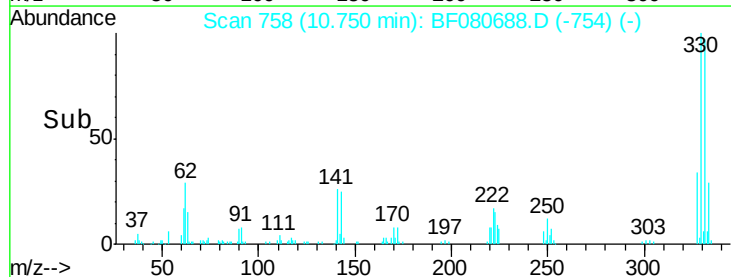
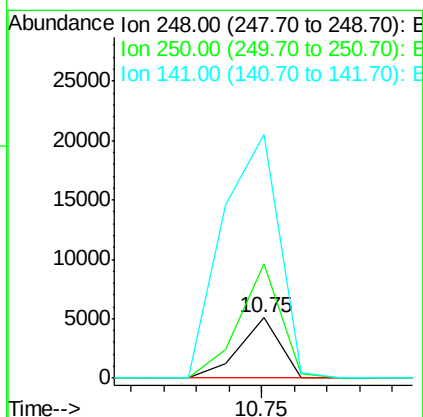
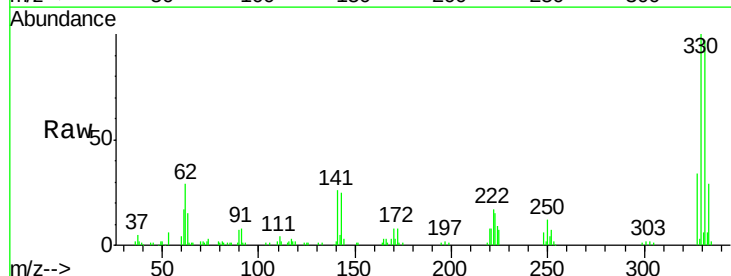
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BL

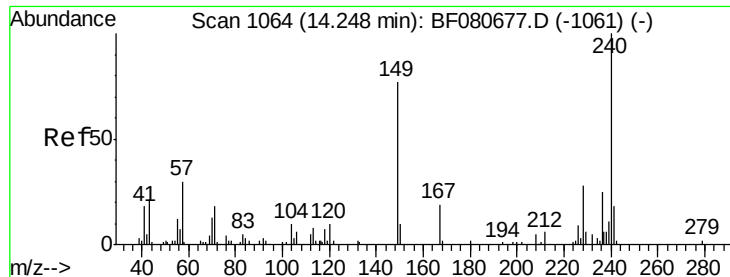
Tgt Ion:188 Resp: 93783
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 8.4 8.2 12.2



#66
 4-Bromophenyl-phenylether
 Concen: 4.27 ng
 RT: 10.75 min Scan# 758
 Delta R.T. -0.25 min
 Lab File: BF080688.D
 Acq: 28 Jul 2015 00:04

Tgt Ion:248 Resp: 4280
 Ion Ratio Lower Upper
 248 100
 250 189.6 78.5 117.7#
 141 405.6 36.8 55.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. -0.08 min

Lab File: BF080688.D

Acq: 28 Jul 2015 00:04

Instrument :

BNA_F

ClientSampleId :

PB84659BL

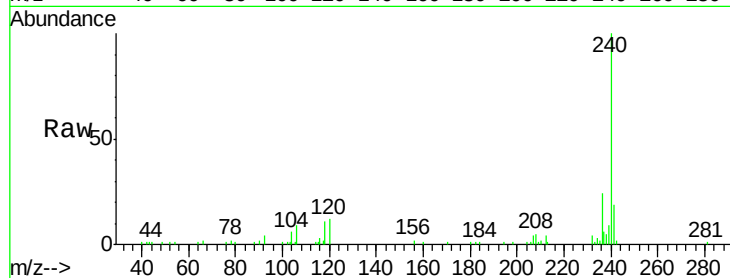
Tgt Ion:240 Resp: 61678

Ion Ratio Lower Upper

240 100

120 12.4 8.0 12.0#

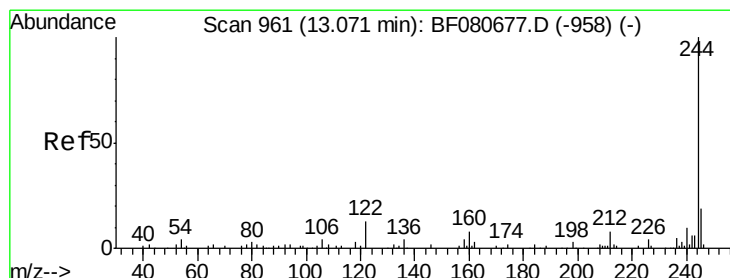
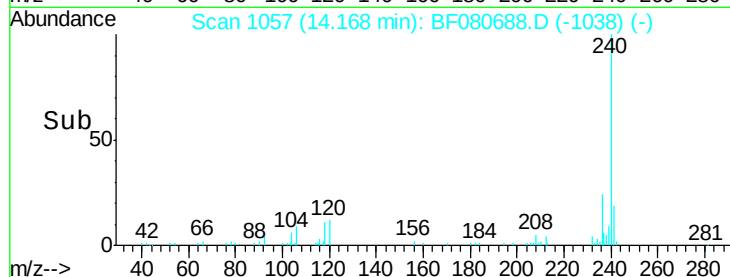
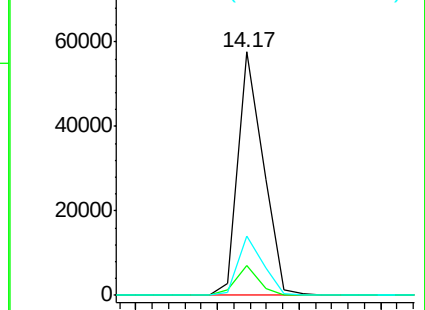
236 24.3 20.0 30.0



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: 83.65 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF080688.D

Acq: 28 Jul 2015 00:04

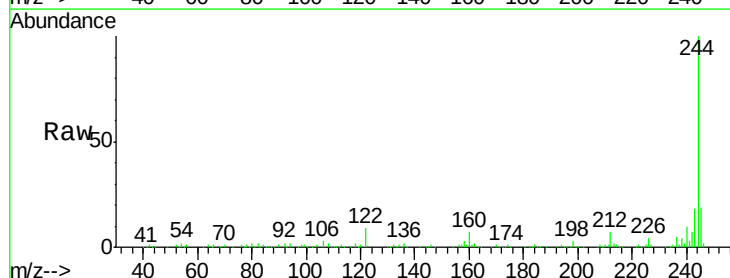
Tgt Ion:244 Resp: 301189

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

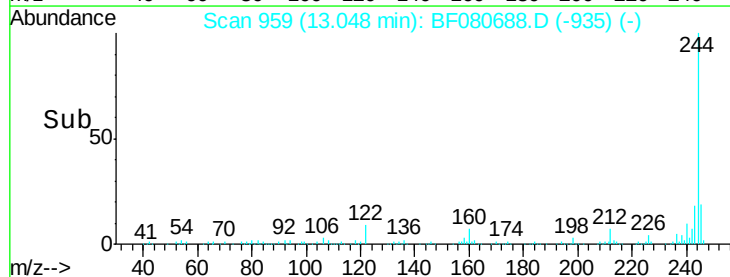
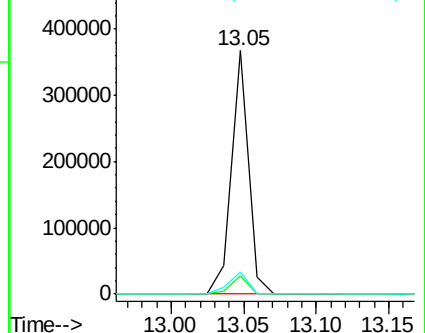
122 9.0 10.2 15.2#

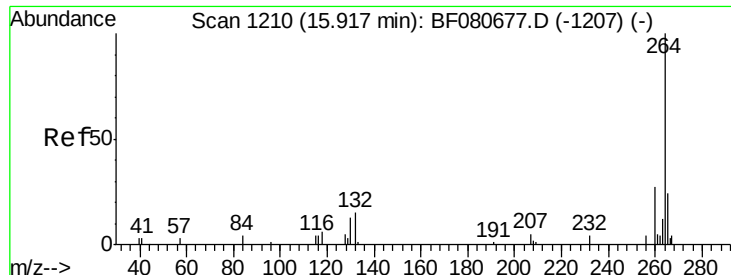


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

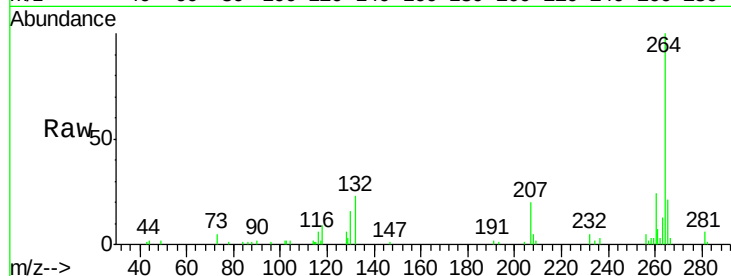




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.76 min Scan# 1196
Delta R.T. -0.16 min
Lab File: BF080688.D
Acq: 28 Jul 2015 00:04

Instrument :
BNA_F
ClientSampleId :
PB84659BL

Tgt Ion:	264	Resp:	38115
Ion Ratio		Lower	Upper
264	100		
260	24.0	21.6	32.4
265	20.8	19.3	28.9



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

