

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080428.D
 Acq On : 13 Jul 2015 16:09
 Operator : TP/UM
 Sample : PB84447BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Quant Time: Jul 14 00:58:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

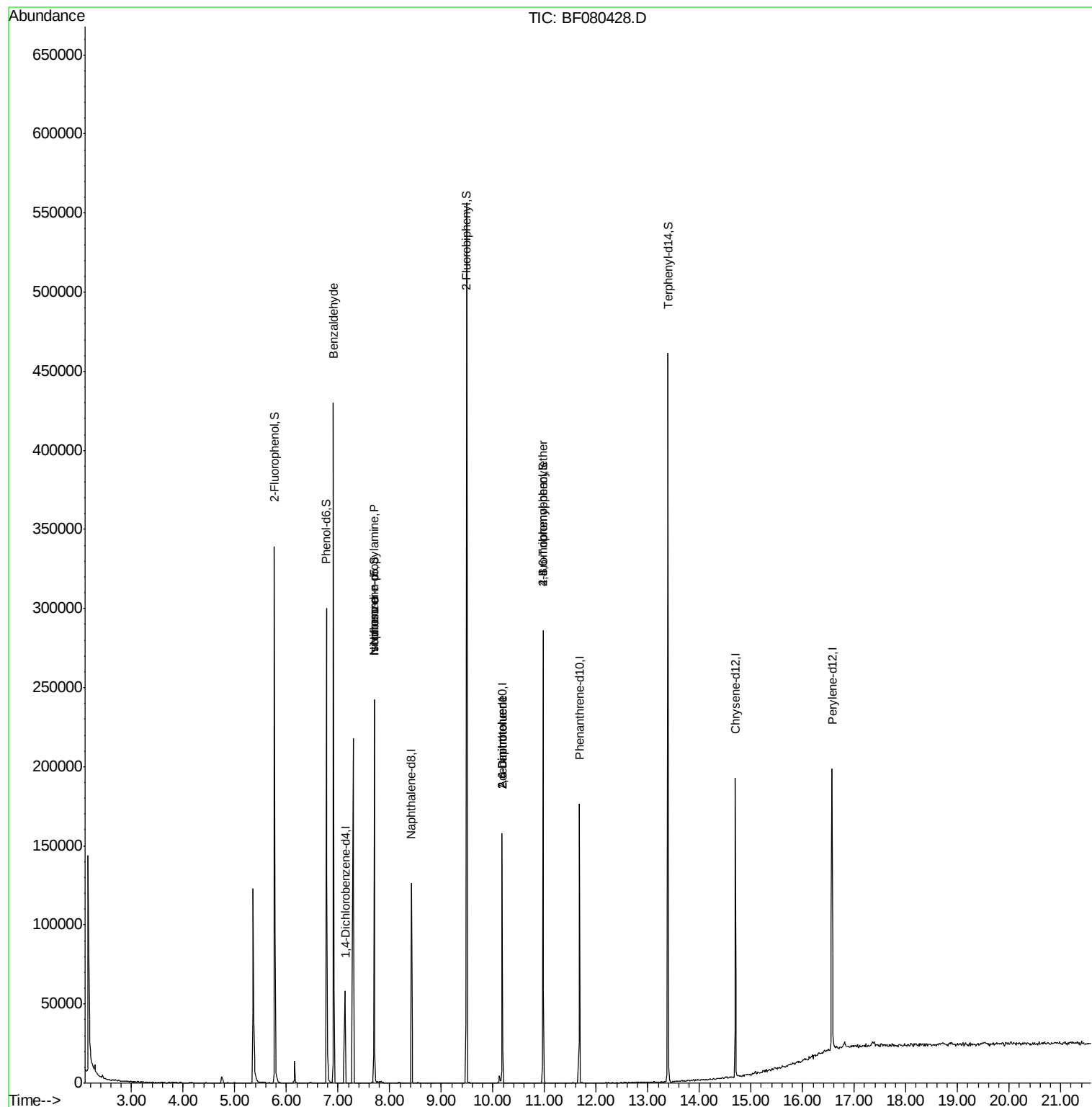
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	12743	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	54632	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	28015	20.00	ng	0.00
63) Phenanthrene-d10	11.68	188	62359	20.00	ng	-0.01
75) Chrysene-d12	14.69	240	77805	20.00	ng	-0.02
86) Perylene-d12	16.57	264	89650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	91744	123.37	ng	0.00
7) Phenol-d6	6.77	99	111320	112.36	ng	0.00
23) Nitrobenzene-d5	7.70	82	67297	70.25	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	25629	93.73	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	152900	73.51	ng	0.00
78) Terphenyl-d14	13.39	244	203321	56.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.91	77	2404	4.39	ng	# 77
19) n-Nitroso-di-n-propylamine	7.70	70	8744	12.90	ng	# 79
25) Isophorone	7.70	82	67294	39.20	ng	# 73
50) 2,6-Dinitrotoluene	10.18	165	3503	7.37	ng	# 24
56) 2,4-Dinitrotoluene	10.18	165	3504	6.31	ng	# 9
66) 4-Bromophenyl-phenylether	10.97	248	2076	3.12	ng	# 1

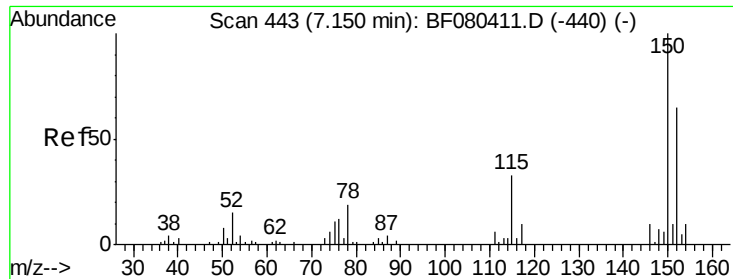
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080428.D
Acq On : 13 Jul 2015 16:09
Operator : TP/UM
Sample : PB84447BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84447BL

Quant Time: Jul 14 00:58:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 14 00:52:37 2015
Response via : Initial Calibration

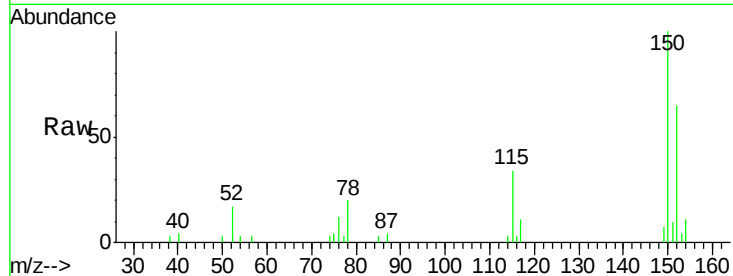




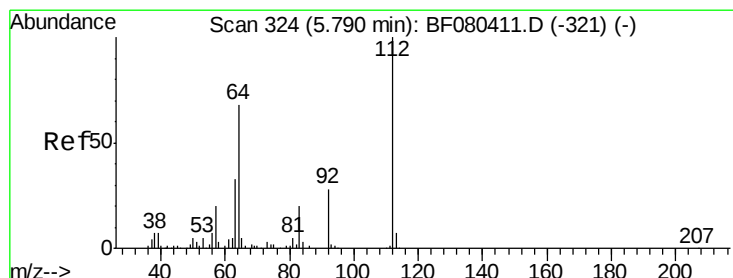
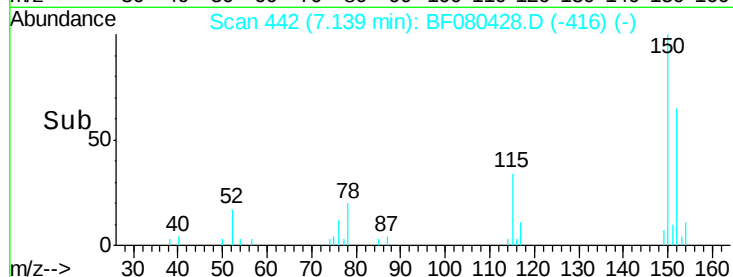
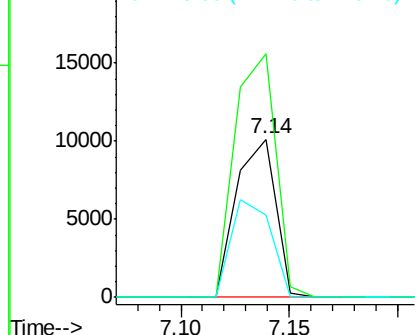
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.14 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Tgt Ion:152 Resp: 12743
 Ion Ratio Lower Upper
 152 100
 150 153.9 122.3 183.5
 115 52.3 41.0 61.4

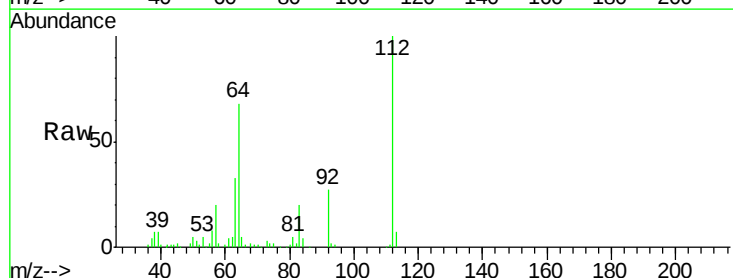


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

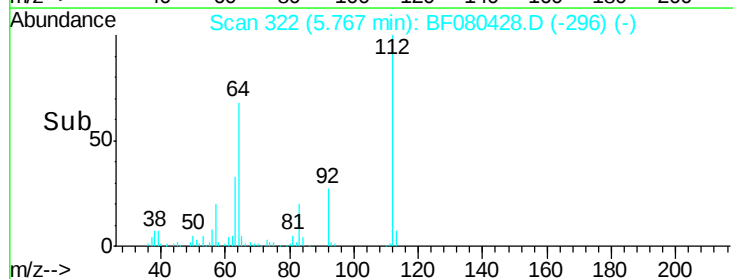
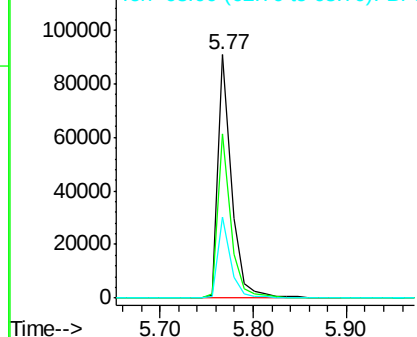


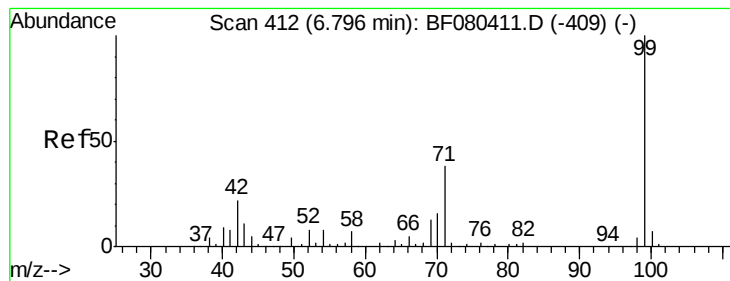
#5
 2-Fluorophenol
 Concen: 123.37 ng
 RT: 5.77 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Tgt Ion:112 Resp: 91744
 Ion Ratio Lower Upper
 112 100
 64 67.6 54.3 81.5
 63 33.0 26.7 40.1



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: 112.36 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080428.D

Acq: 13 Jul 2015 16:09

Instrument :

BNA_F

ClientSampleId :

PB84447BL

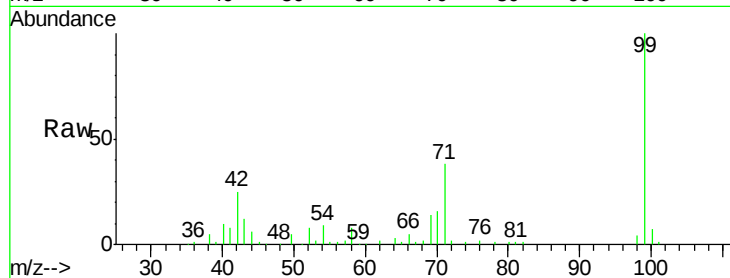
Tgt Ion: 99 Resp: 111320

Ion Ratio Lower Upper

99 100

42 25.0 17.9 26.9

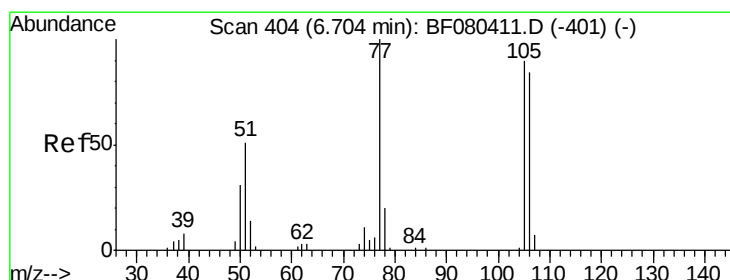
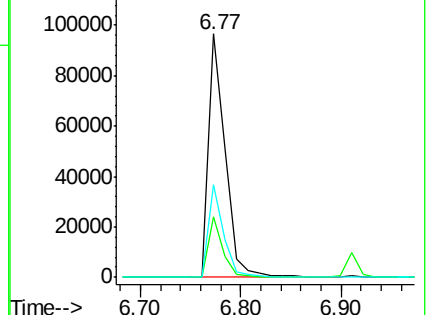
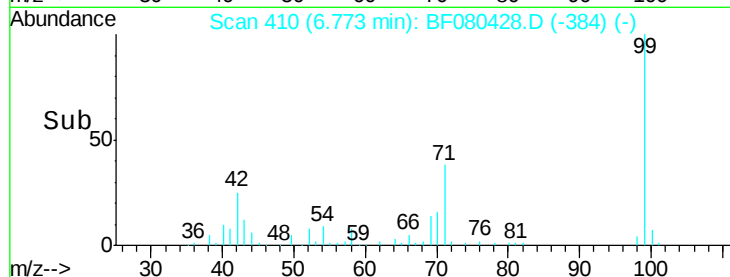
71 38.2 30.1 45.1



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: 4.39 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF080428.D

Acq: 13 Jul 2015 16:09

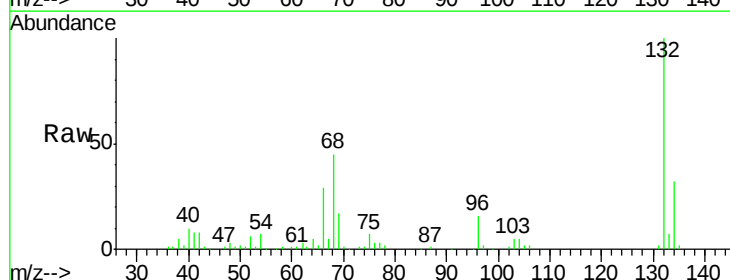
Tgt Ion: 77 Resp: 2404

Ion Ratio Lower Upper

77 100

105 67.9 69.6 109.6#

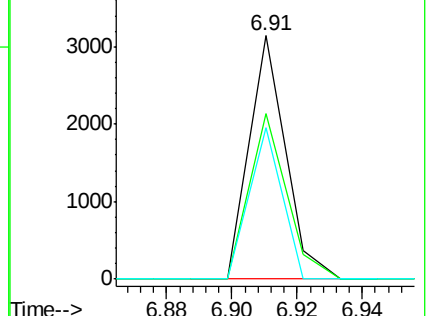
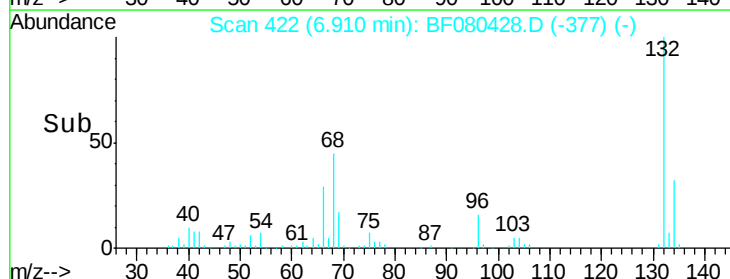
106 62.2 63.6 103.6#

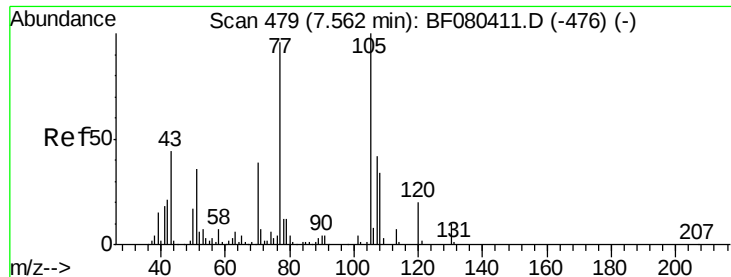


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

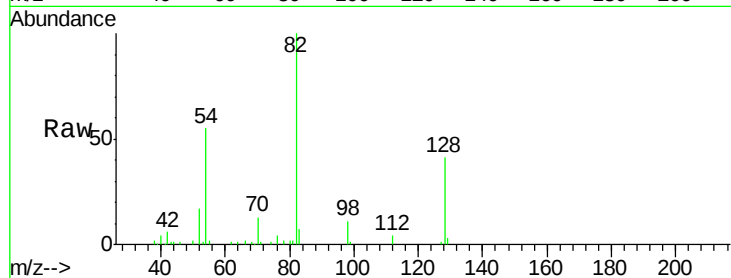




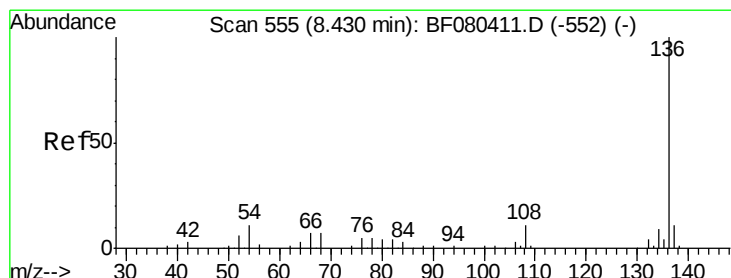
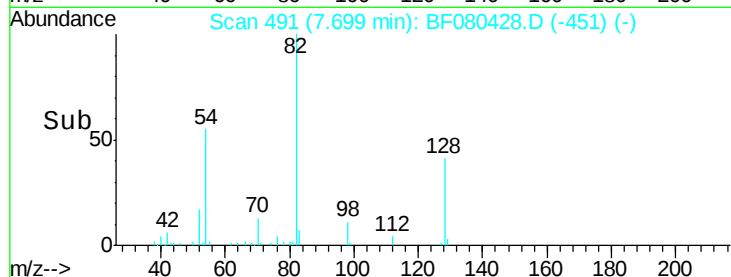
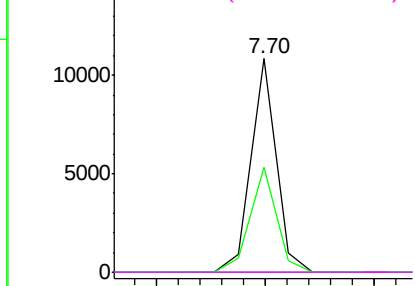
#19
n-Nitroso-di-n-propylamine
Concen: 12.90 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.16 min
Lab File: BF080428.D
Acq: 13 Jul 2015 16:09

Instrument :
BNA_F
ClientSampleId :
PB84447BL

Tgt Ion: 70 Resp: 8744
Ion Ratio Lower Upper
70 100
42 49.3 43.4 65.0
101 0.0 9.0 13.6#
130 0.0 19.5 29.3#

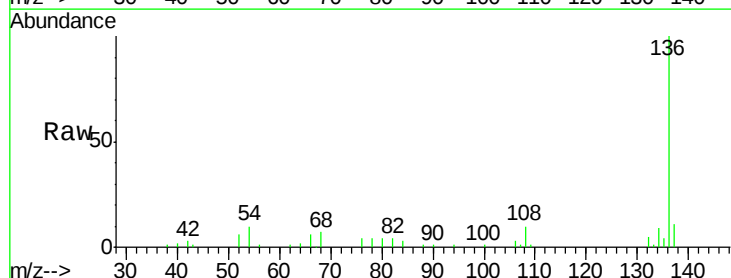


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

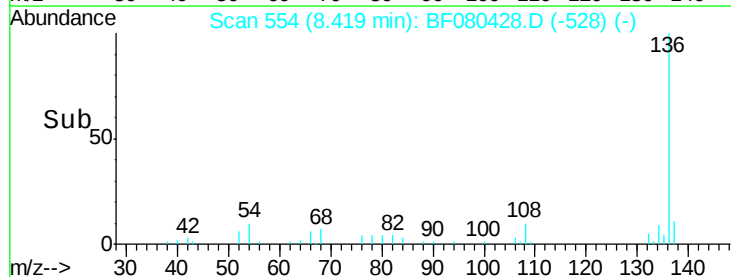
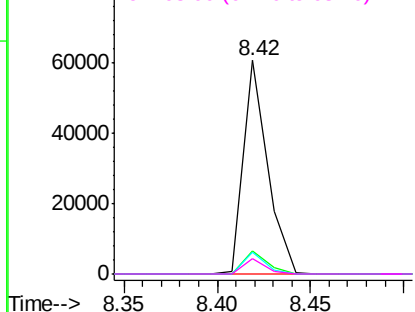


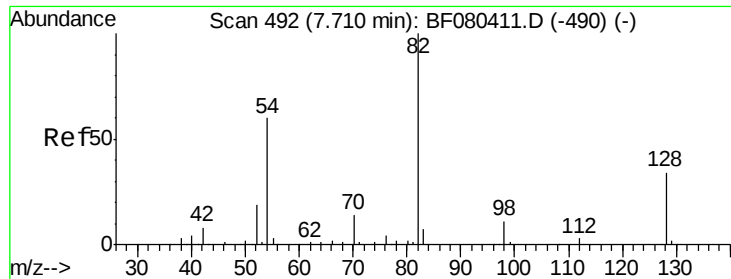
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF080428.D
Acq: 13 Jul 2015 16:09

Tgt Ion: 136 Resp: 54632
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 10.4 9.1 13.7
68 7.3 5.9 8.9



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

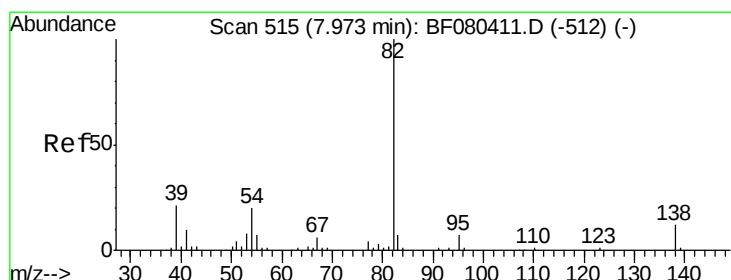
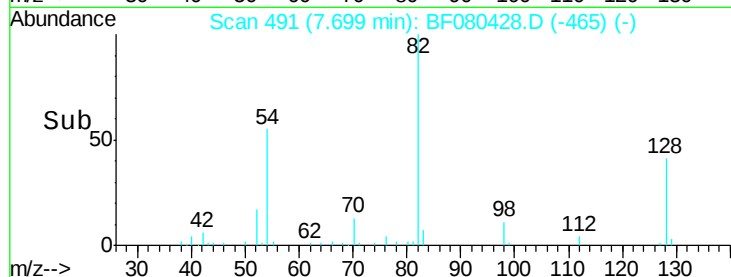
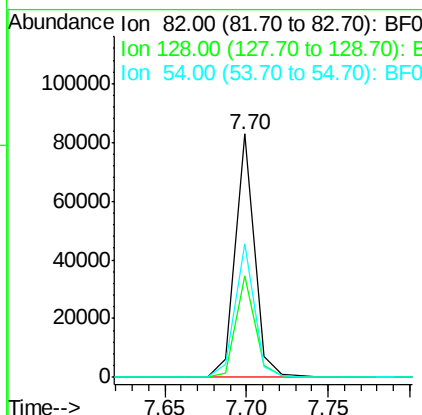
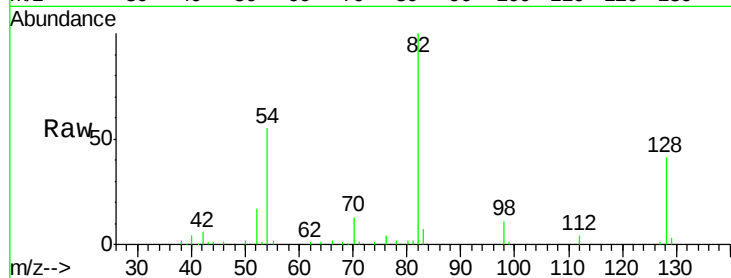




#23
Nitrobenzene-d5
Concen: 70.25 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF080428.D
Acq: 13 Jul 2015 16:09

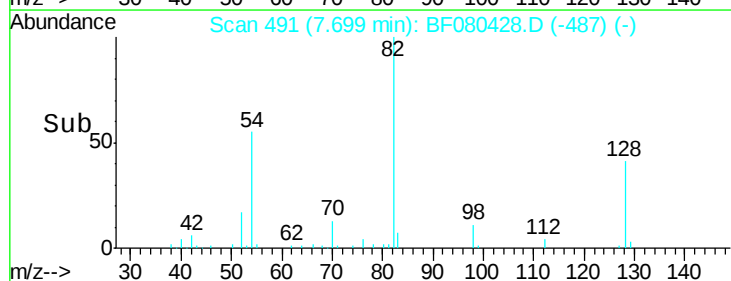
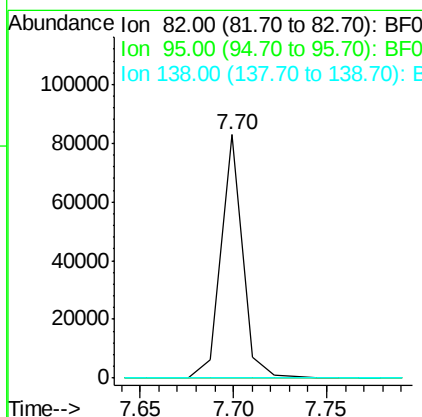
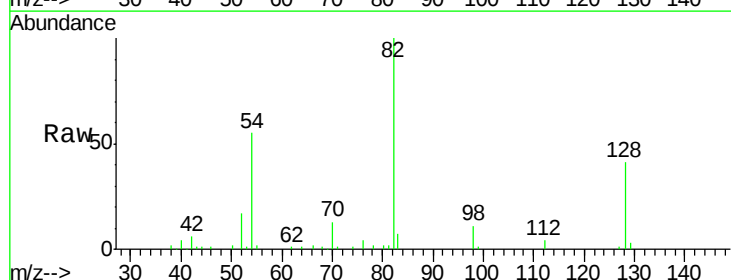
Instrument :
BNA_F
ClientSampleId :
PB84447BL

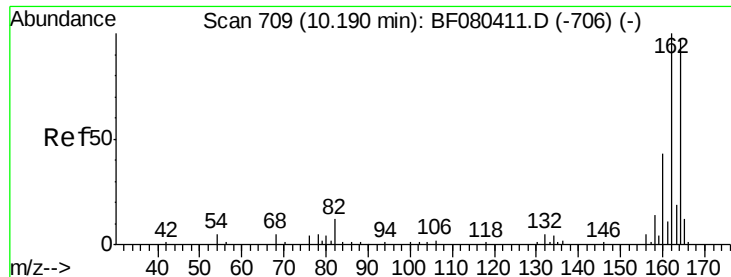
Tgt Ion: 82 Resp: 67297
Ion Ratio Lower Upper
82 100
128 41.4 26.9 40.3#
54 54.7 47.7 71.5



#25
Isophorone
Concen: 39.20 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.25 min
Lab File: BF080428.D
Acq: 13 Jul 2015 16:09

Tgt Ion: 82 Resp: 67294
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 9.5 14.3#

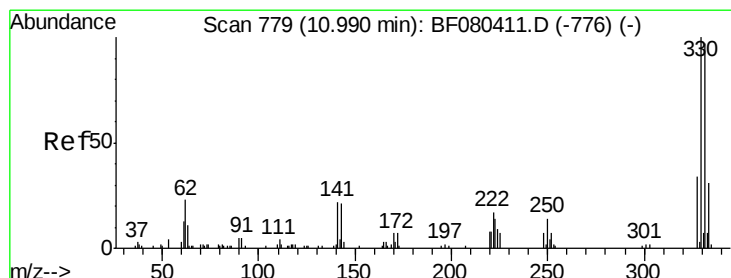
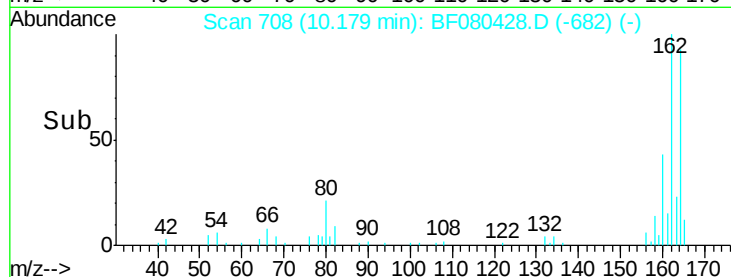
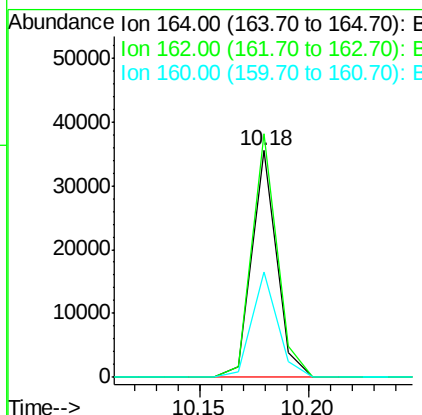
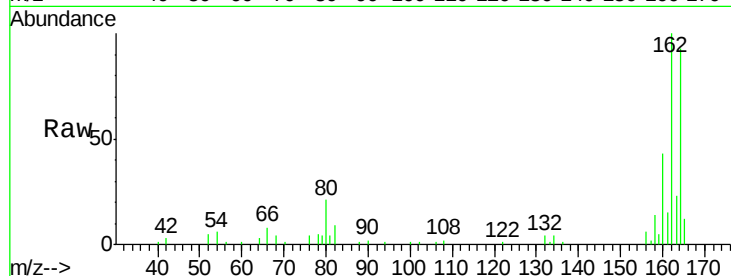




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

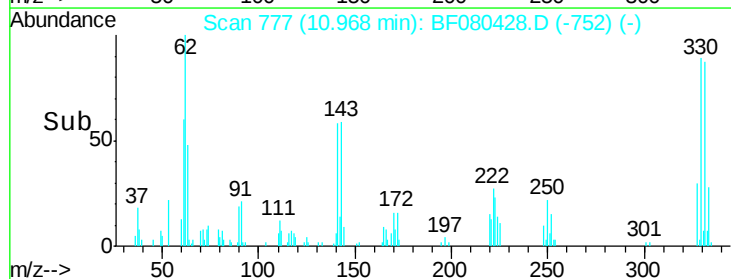
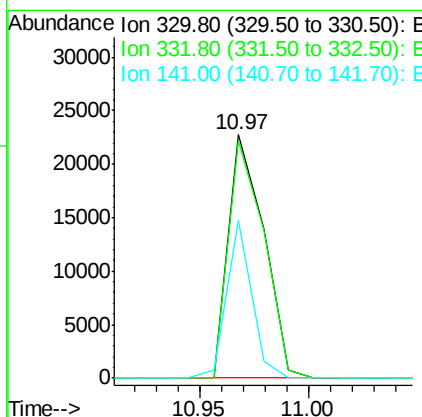
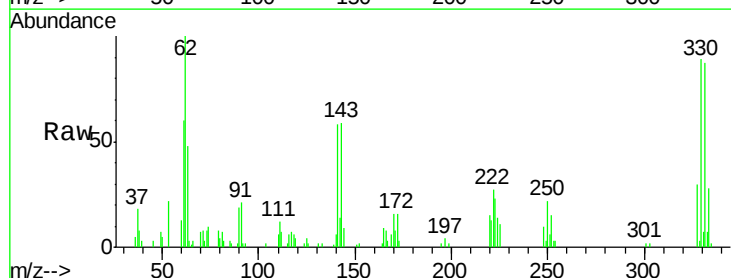
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

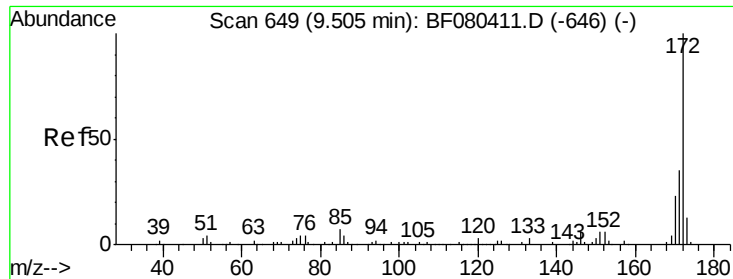
Tgt Ion:164 Resp: 28015
 Ion Ratio Lower Upper
 164 100
 162 107.4 82.7 124.1
 160 46.2 35.5 53.3



#41
 2,4,6-Tribromophenol
 Concen: 93.73 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Tgt Ion:330 Resp: 25629
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.0 117.0
 141 45.7 28.6 43.0#

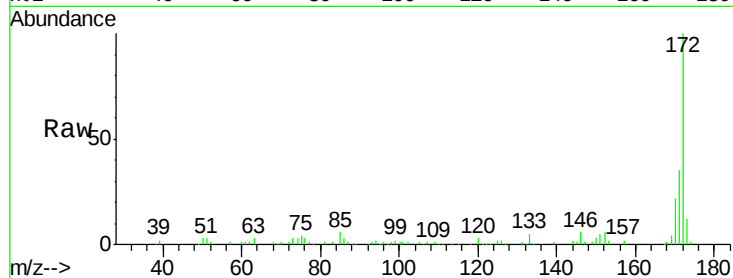




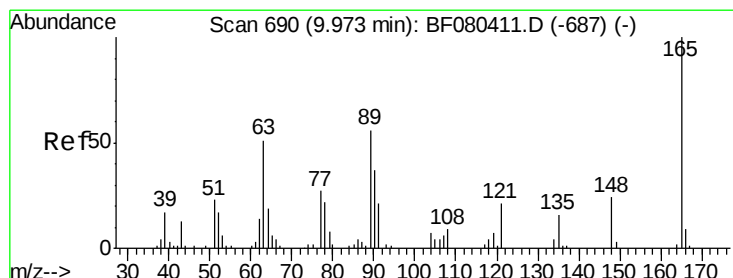
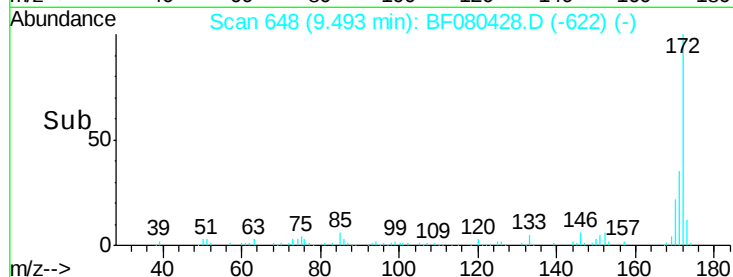
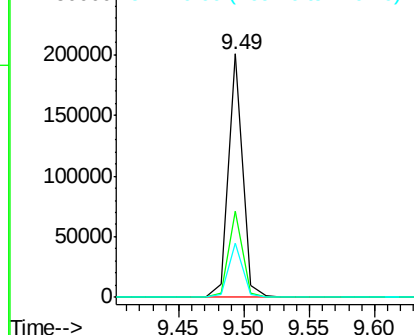
#44
 2-Fluorobiphenyl
 Concen: 73.51 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Tgt Ion:172 Resp: 152900
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.4 42.6
 170 22.3 18.6 28.0

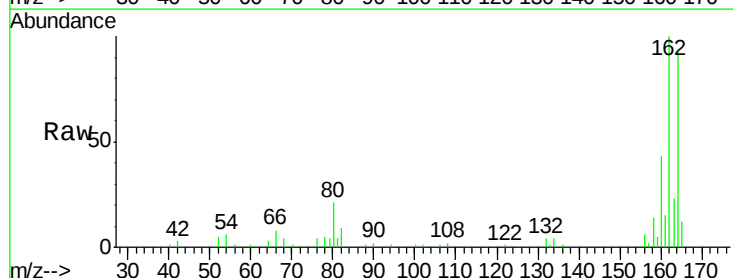


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

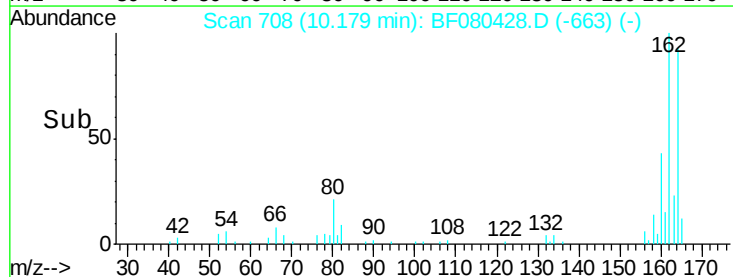
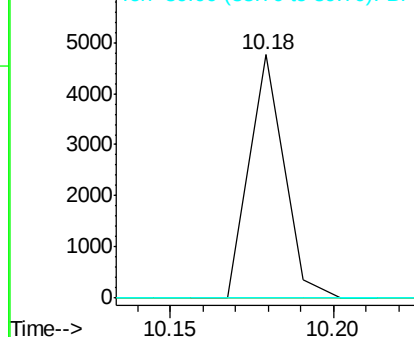


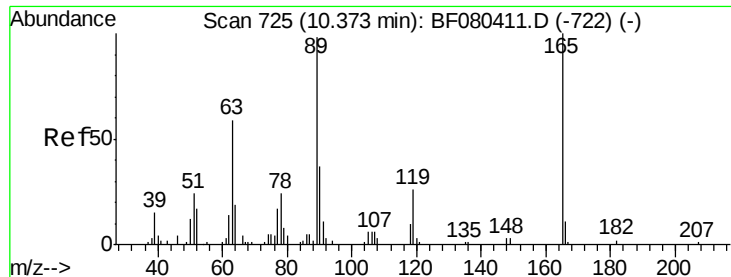
#50
 2,6-Dinitrotoluene
 Concen: 7.37 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.22 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Tgt Ion:165 Resp: 3503
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.5 66.7#
 89 0.0 44.5 66.7#



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

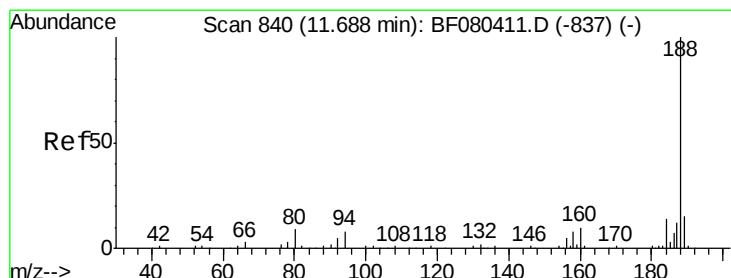
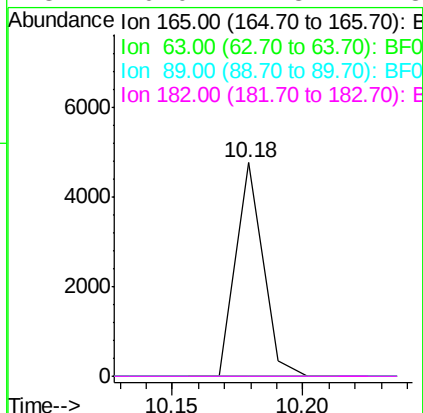
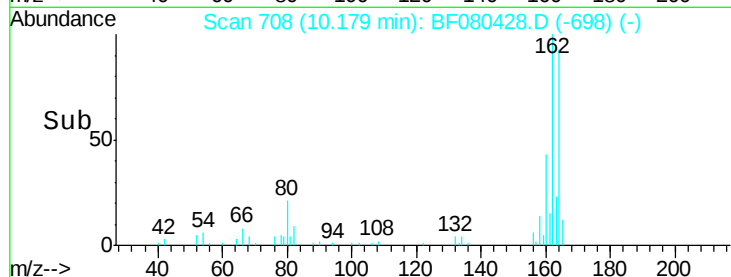
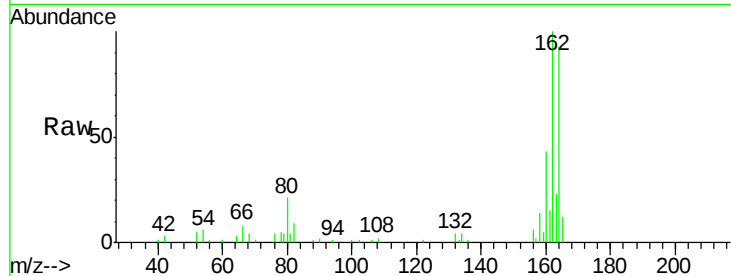




#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.18 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

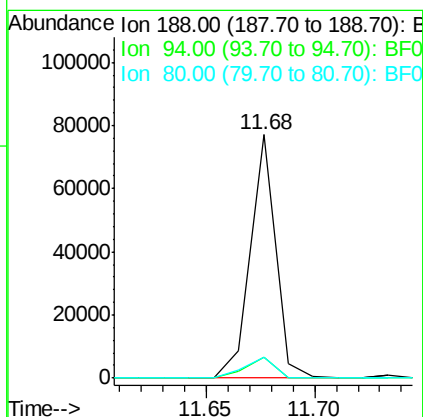
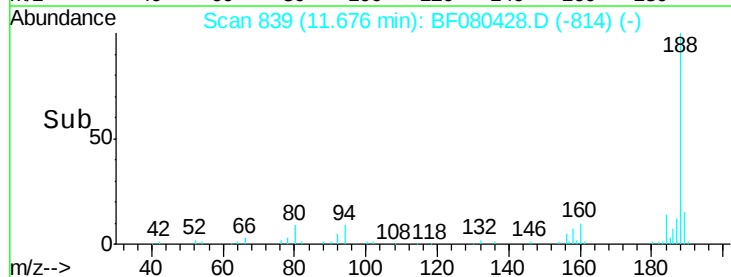
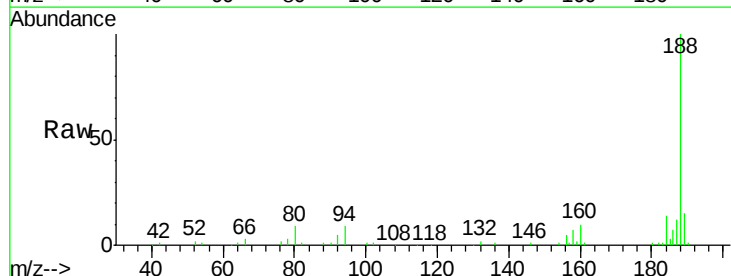
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

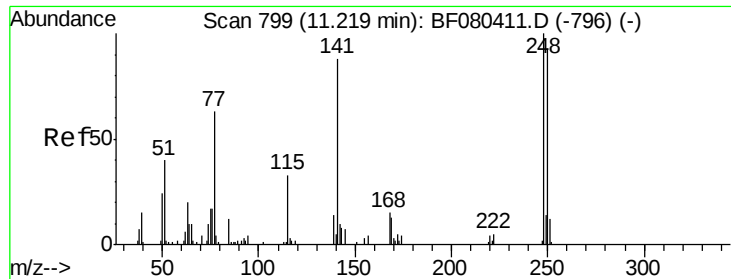
Tgt Ion:165 Resp: 3504
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.7 77.5#
 89 0.0 78.6 117.8#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Tgt Ion:188 Resp: 62359
 Ion Ratio Lower Upper
 188 100
 94 8.5 6.7 10.1
 80 8.6 7.5 11.3

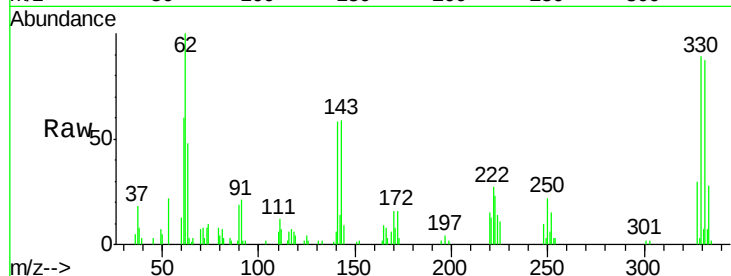




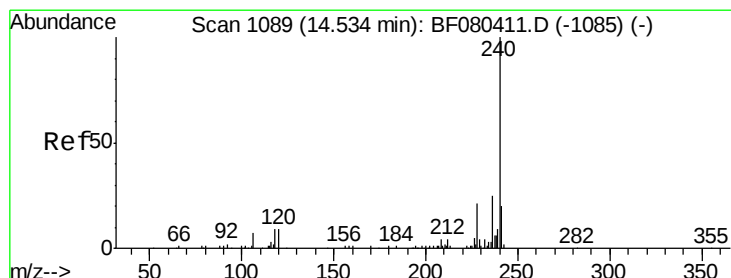
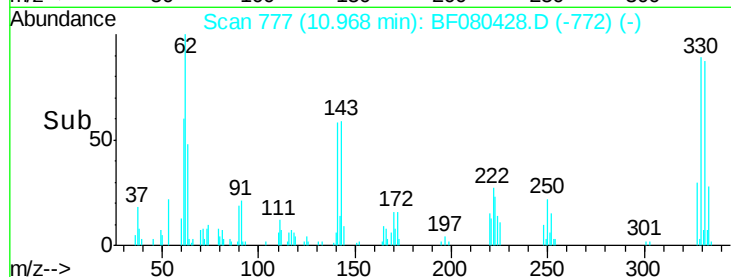
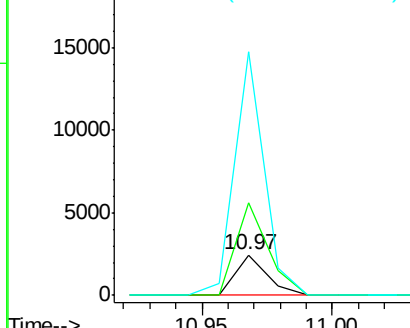
#66
 4-Bromophenyl-phenylether
 Concen: 3.12 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.24 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Tgt Ion:248 Resp: 2076
 Ion Ratio Lower Upper
 248 100
 250 228.5 74.2 111.4#
 141 605.0 70.7 106.1#

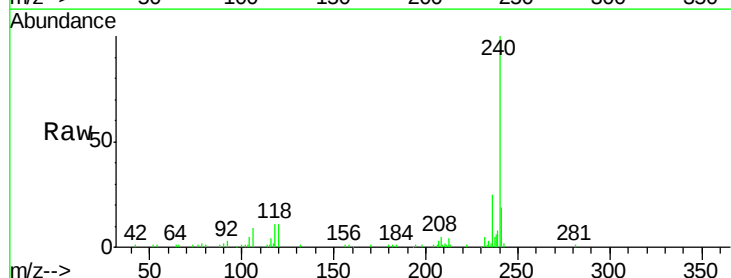


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

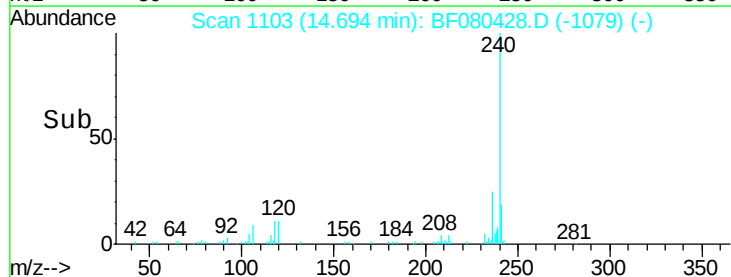
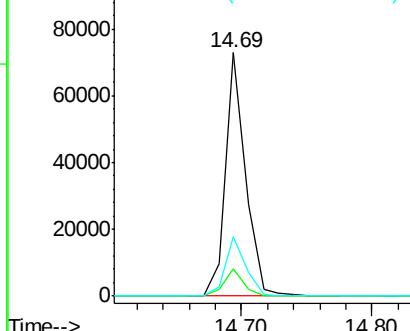


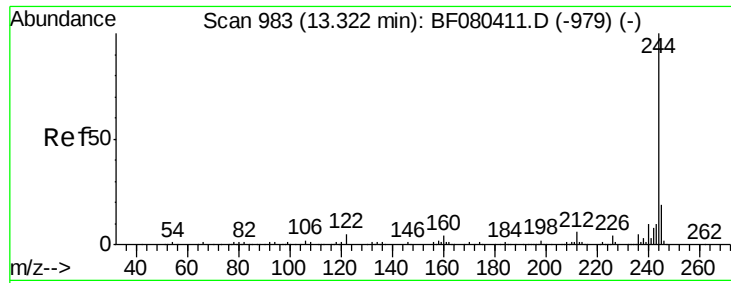
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.69 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Tgt Ion:240 Resp: 77805
 Ion Ratio Lower Upper
 240 100
 120 11.3 7.4 11.2#
 236 24.6 19.7 29.5



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

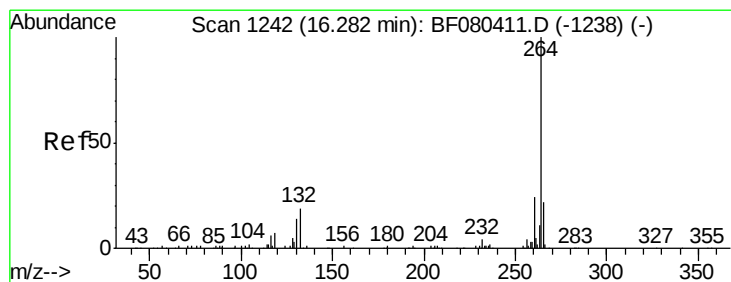
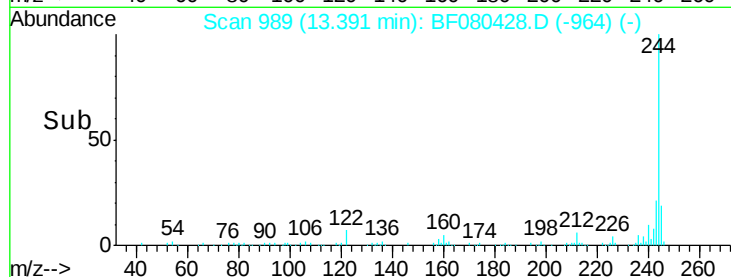
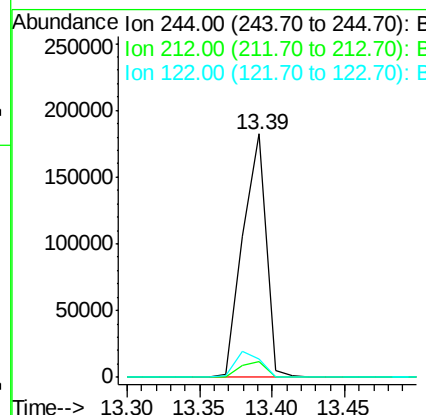
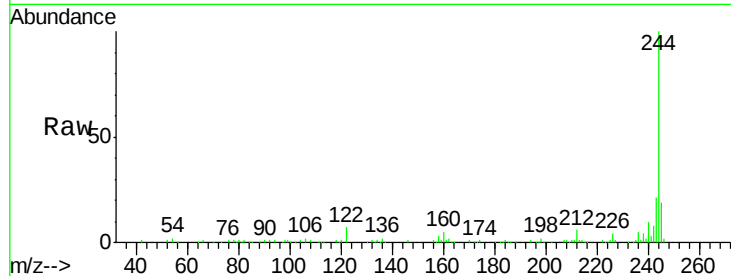




#78
 Terphenyl-d14
 Concen: 56.75 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.9	7.3
122	7.4	4.1	6.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	20.4	17.8	26.8

