

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080728.D
 Acq On : 31 Jul 2015 12:00
 Operator : TP/UM
 Sample : PB84692TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84692TB

Quant Time: Aug 01 00:17:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

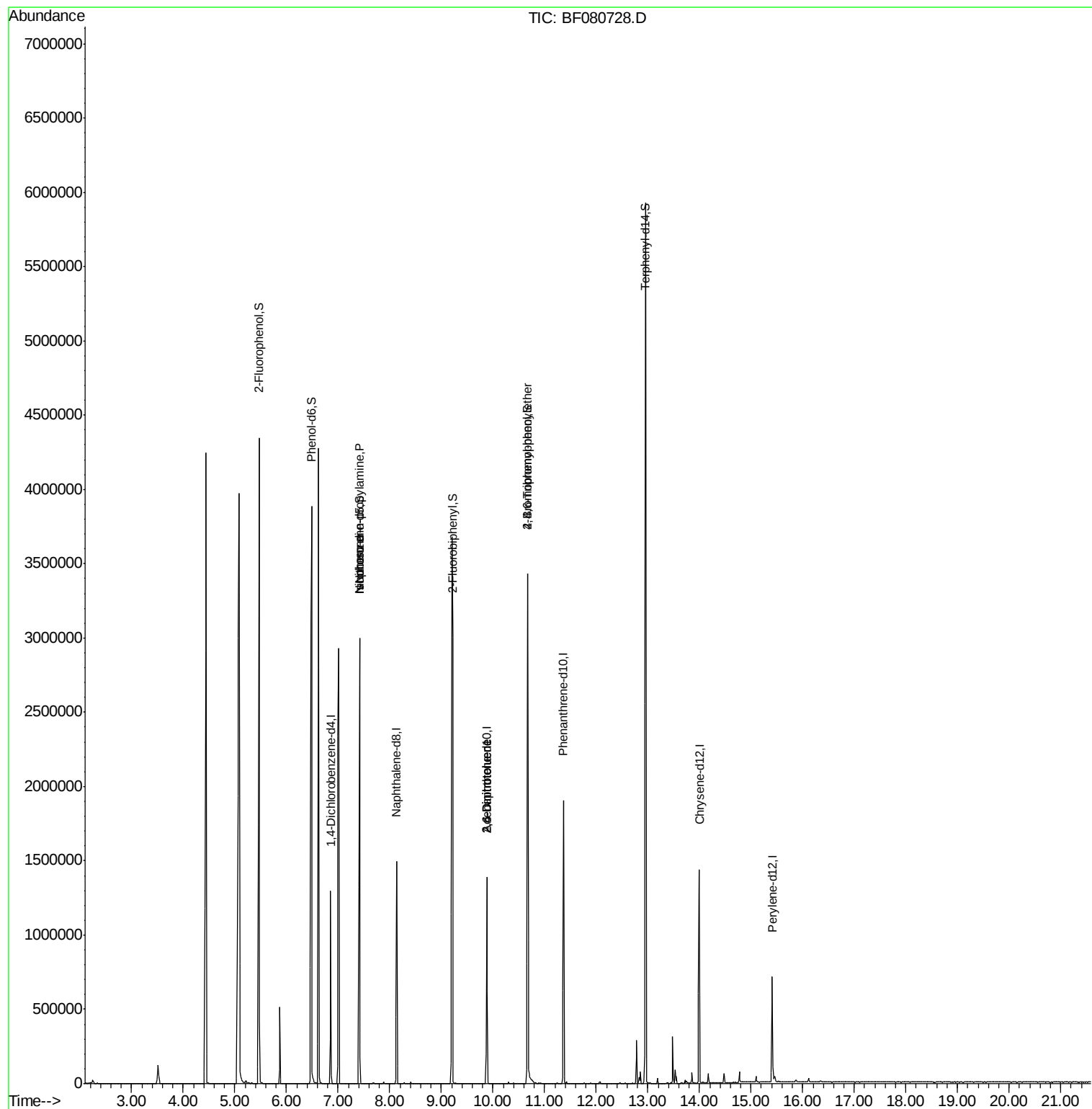
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	169641	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	644907	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	311252	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	714621	20.00	ng	0.00
75) Chrysene-d12	14.00	240	545878	20.00	ng	0.00
86) Perylene-d12	15.41	264	387875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1076302	108.84	ng	0.02
7) Phenol-d6	6.49	99	1763978	131.03	ng	0.00
23) Nitrobenzene-d5	7.41	82	1022074	76.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	466105	144.32	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1860840	89.19	ng	0.00
78) Terphenyl-d14	12.96	244	1989332	68.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	2953	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	144123	15.90 ng	#	75
25) Isophorone	7.41	82	993099	41.93 ng	#	71
50) 2,6-Dinitrotoluene	9.88	165	39677	8.52 ng	#	15
56) 2,4-Dinitrotoluene	9.88	165	39680	6.50 ng	#	16
66) 4-Bromophenyl-phenylether	10.67	248	28482	3.86 ng	#	1

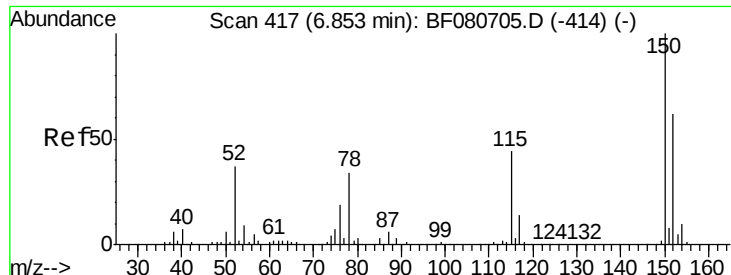
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080728.D

Acq: 31 Jul 2015 12:00

Instrument :

BNA_F

ClientSampleId :

PB84692TB

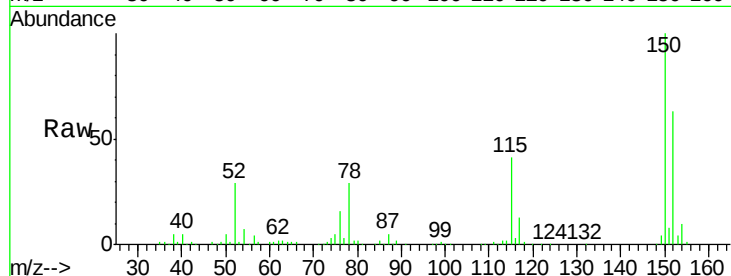
Tgt Ion:152 Resp: 169641

Ion Ratio Lower Upper

152 100

150 159.4 129.6 194.4

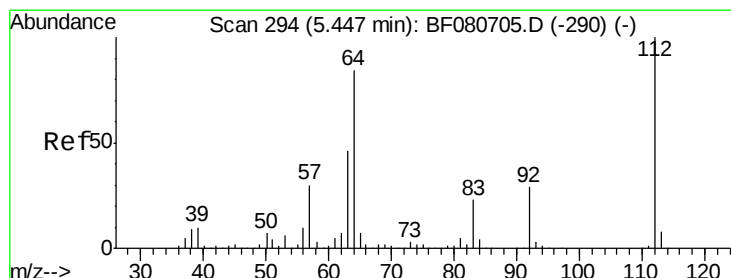
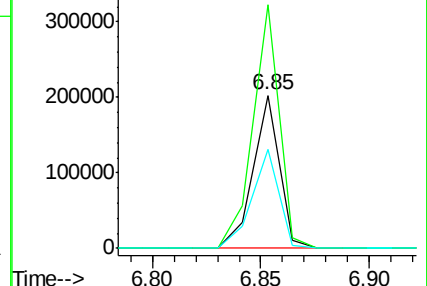
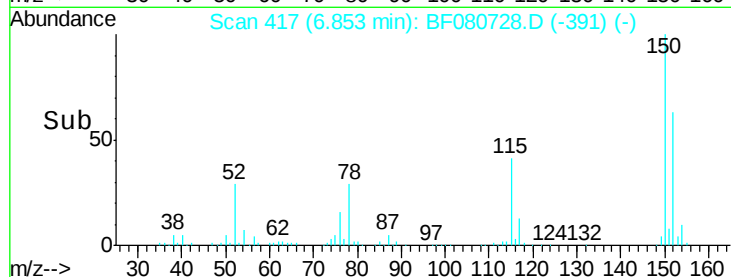
115 64.7 56.6 85.0



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: 108.84 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080728.D

Acq: 31 Jul 2015 12:00

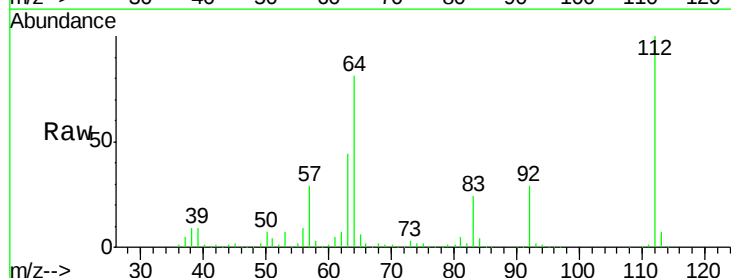
Tgt Ion:112 Resp: 1076302

Ion Ratio Lower Upper

112 100

64 80.7 66.8 100.2

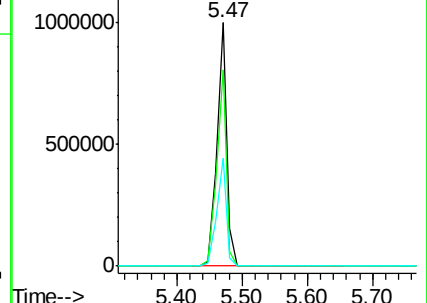
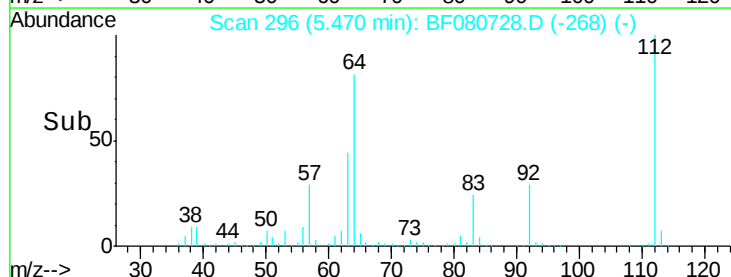
63 44.3 36.7 55.1

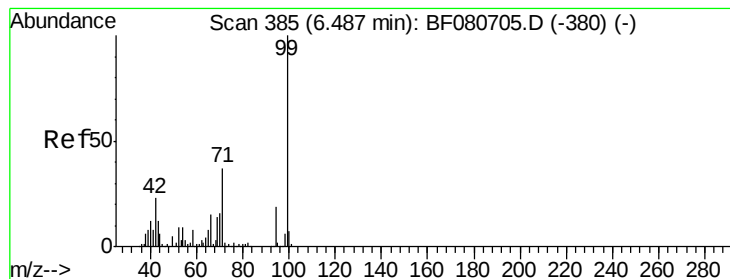


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.03 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080728.D

Acq: 31 Jul 2015 12:00

Instrument :

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ClientSampleId :

PB84692TB

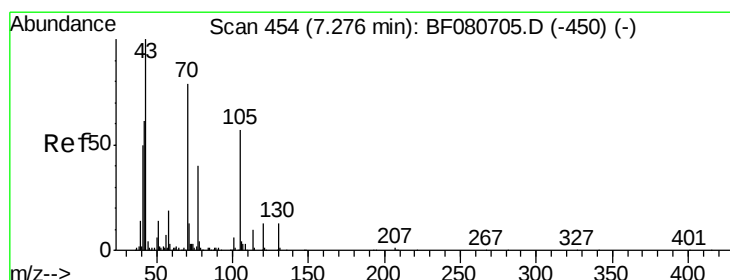
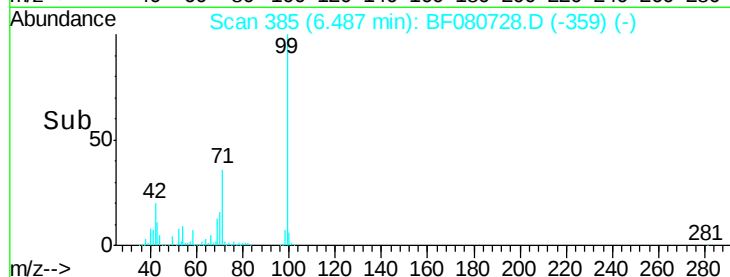
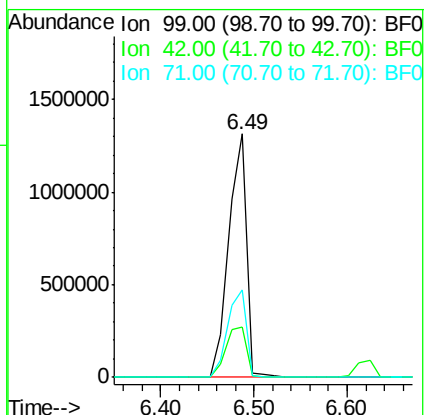
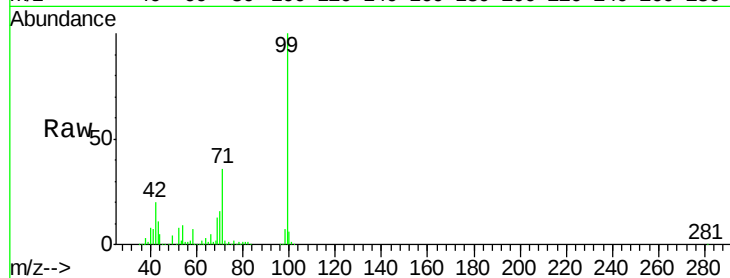
Tgt Ion: 99 Resp: 1763978

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.2

71 36.1 29.5 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.90 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080728.D

Acq: 31 Jul 2015 12:00

Tgt Ion: 70 Resp: 144123

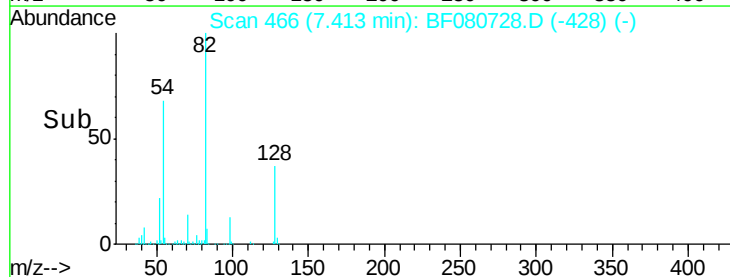
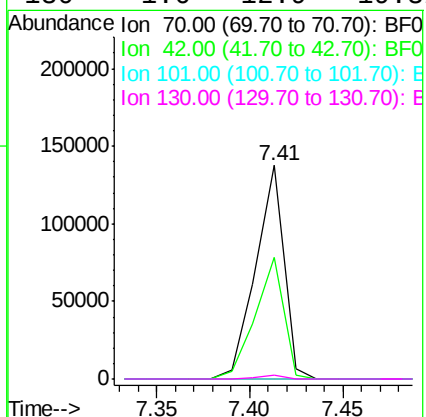
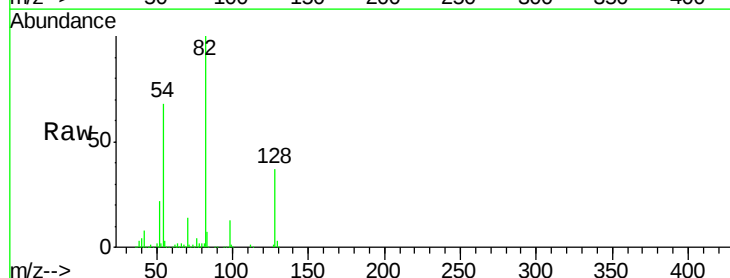
Ion Ratio Lower Upper

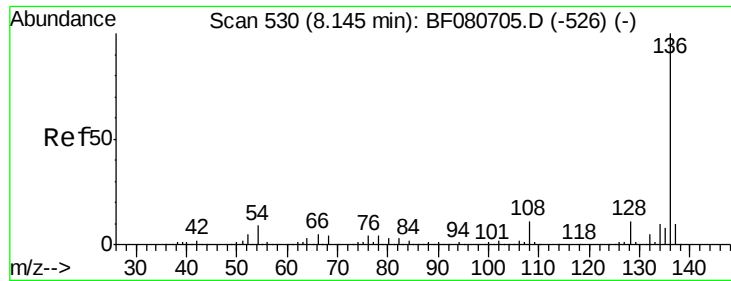
70 100

42 56.7 61.8 92.6#

101 0.0 6.1 9.1#

130 1.6 12.9 19.3#

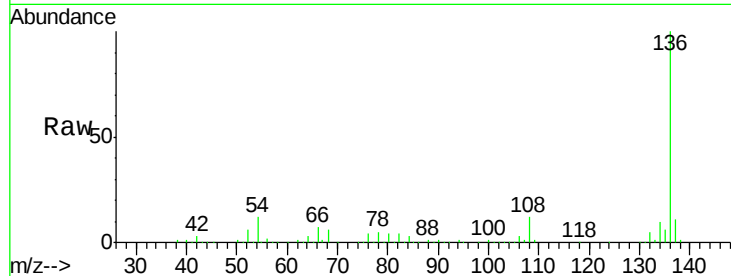




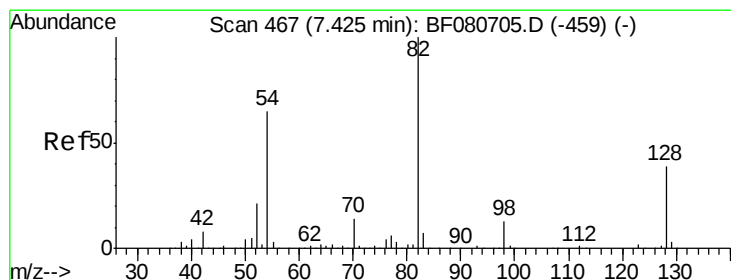
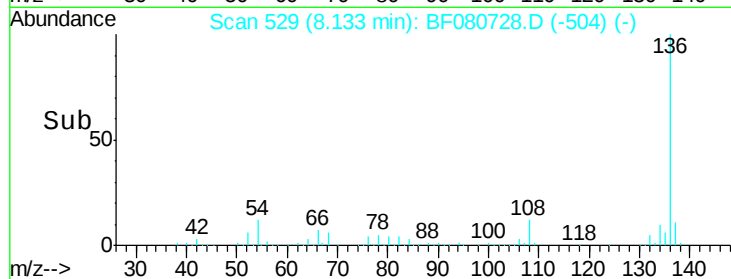
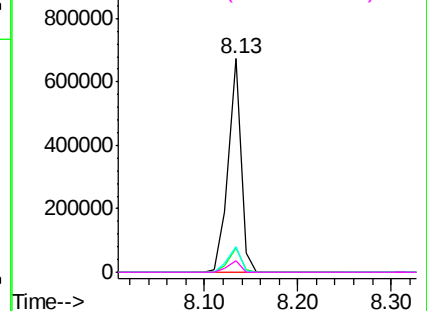
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Tgt Ion:	136	Resp:	644907
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.2	6.9	10.3#
68	5.7	3.5	5.3#

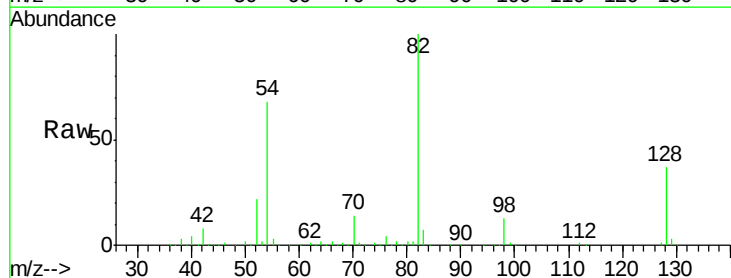


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

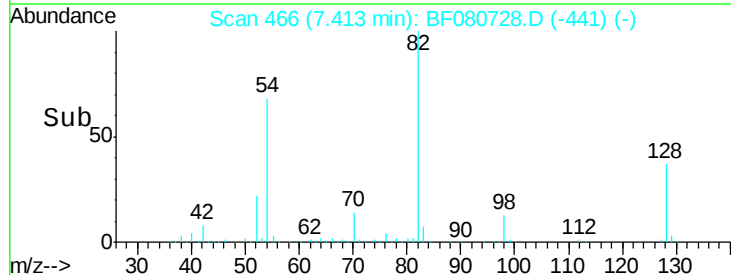
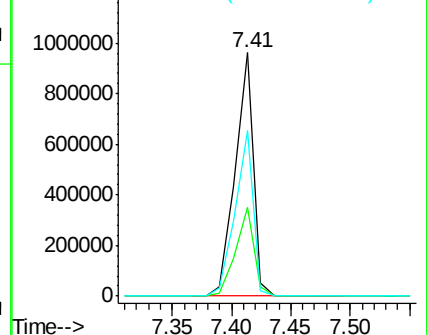


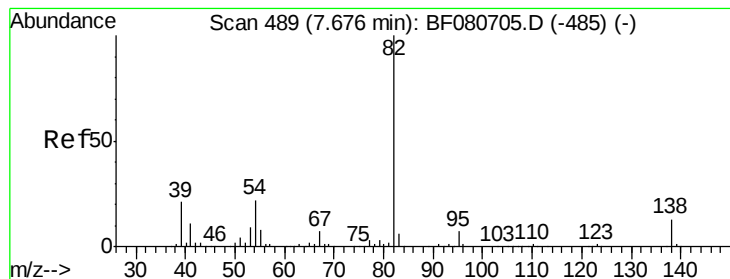
#23
Nitrobenzene-d5
Concen: 76.75 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Tgt Ion:	82	Resp:	1022074
Ion	Ratio	Lower	Upper
82	100		
128	36.6	31.5	47.3
54	67.8	51.8	77.8



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: 41.93 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080728.D

Acq: 31 Jul 2015 12:00

Instrument :

BNA_F

ClientSampleId :

PB84692TB

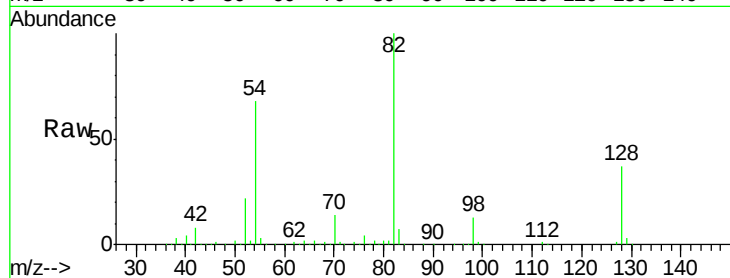
Tgt Ion: 82 Resp: 993099

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

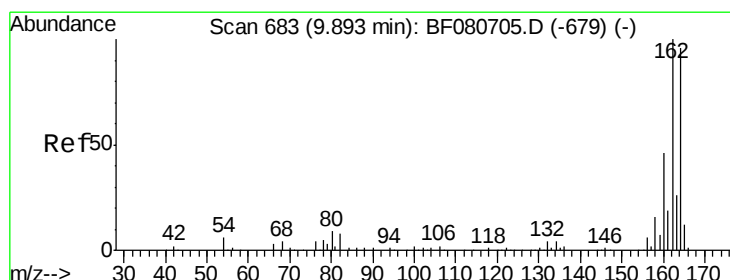
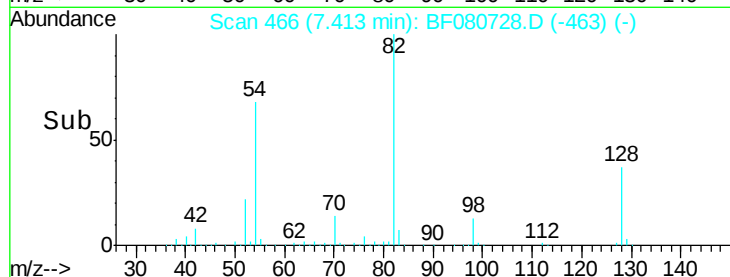
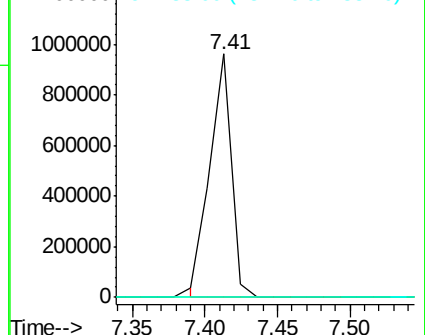
138 0.0 10.7 16.1#



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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080728.D

Acq: 31 Jul 2015 12:00

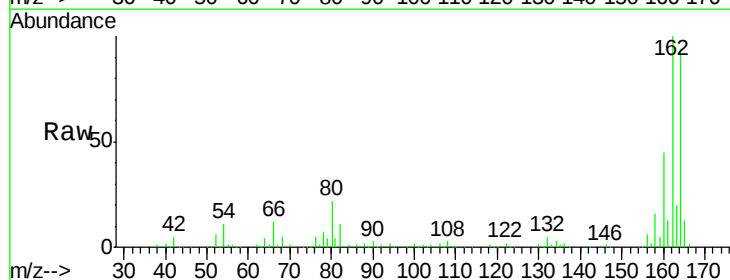
Tgt Ion: 164 Resp: 311252

Ion Ratio Lower Upper

164 100

162 106.0 83.4 125.0

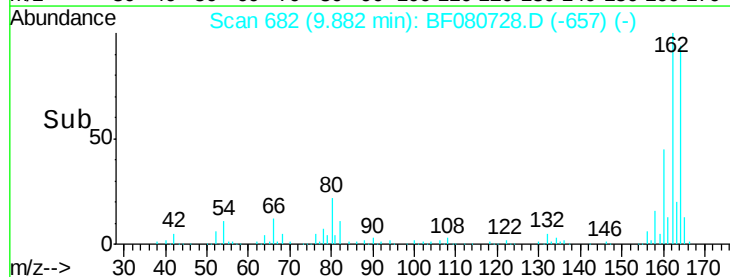
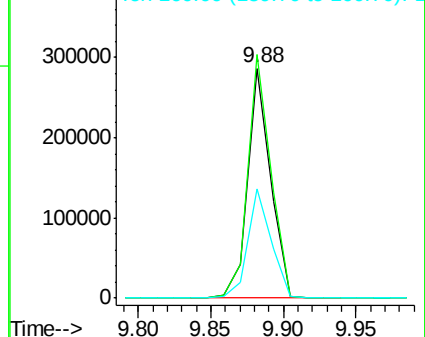
160 47.5 38.0 57.0

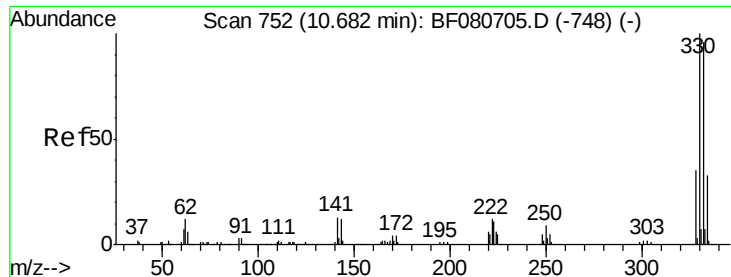


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

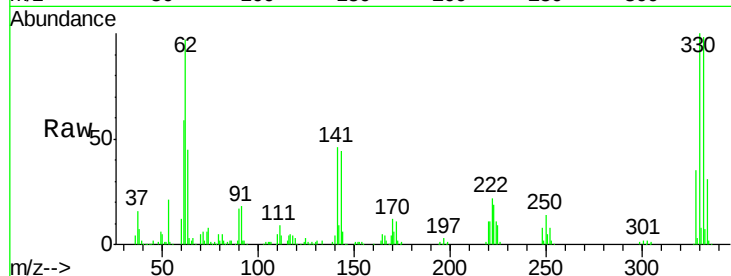




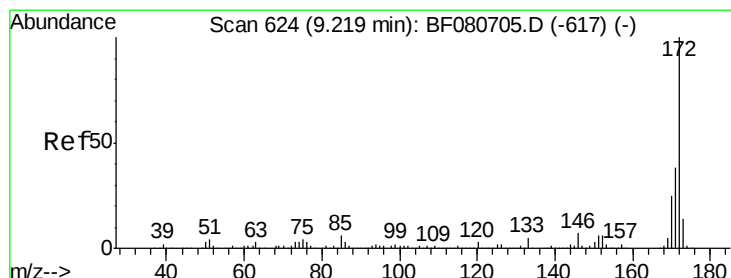
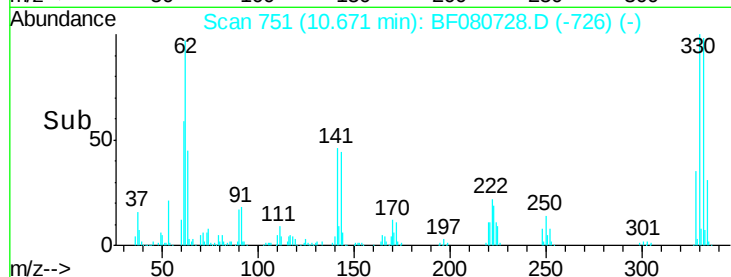
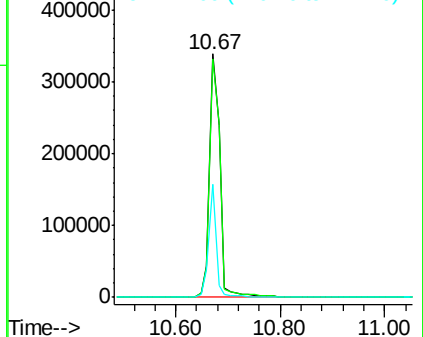
#41
 2,4,6-Tribromophenol
 Concen: 144.32 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080728.D
 Acq: 31 Jul 2015 12:00

Instrument :
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Tgt Ion:330 Resp: 466105
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 114.8
 141 34.0 26.0 39.0

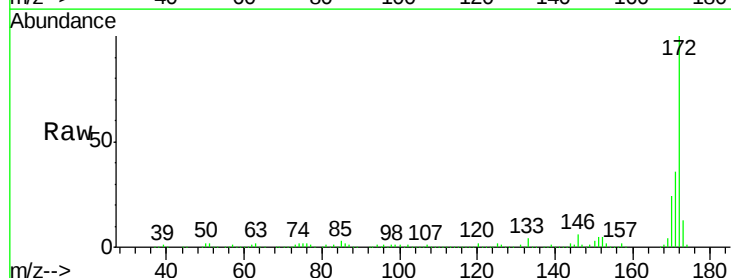


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

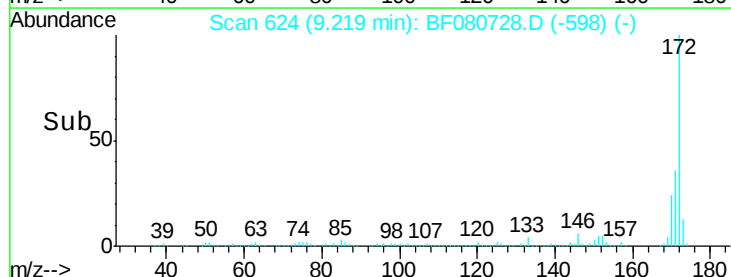
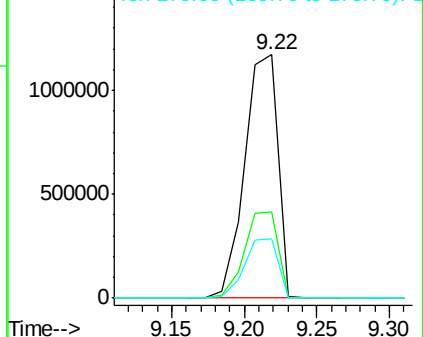


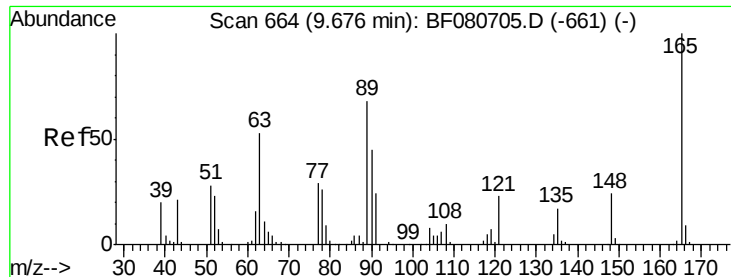
#44
 2-Fluorobiphenyl
 Concen: 89.19 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080728.D
 Acq: 31 Jul 2015 12:00

Tgt Ion:172 Resp: 1860840
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.2 45.4
 170 24.2 20.2 30.2



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

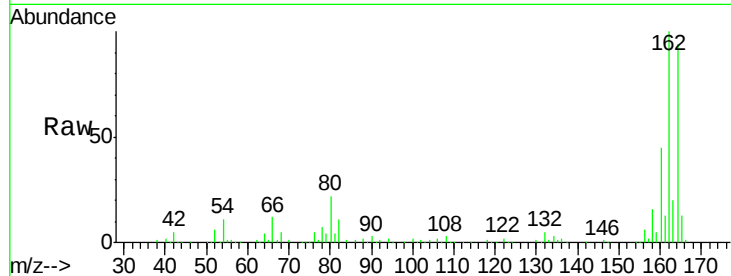




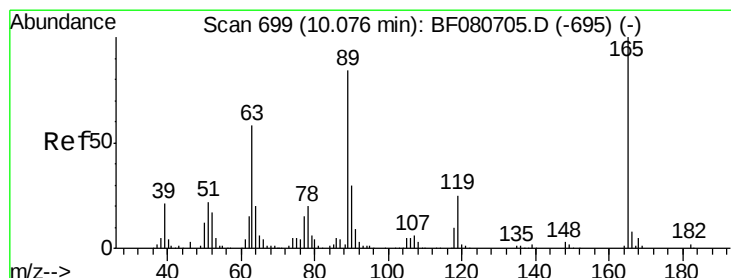
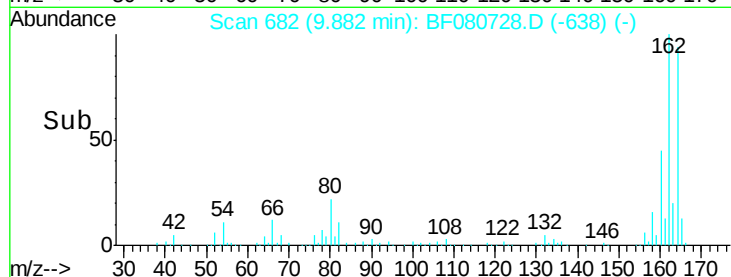
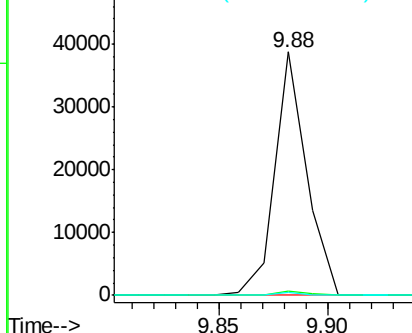
#50
 2,6-Dinitrotoluene
 Concen: 8.52 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080728.D
 Acq: 31 Jul 2015 12:00

Instrument :
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Tgt Ion:165 Resp: 39677
 Ion Ratio Lower Upper
 165 100
 63 1.6 62.3 93.5#
 89 1.4 54.8 82.2#



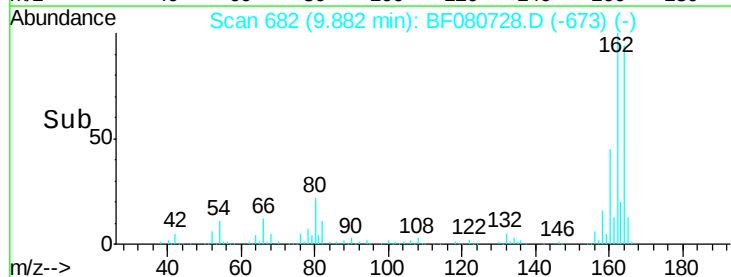
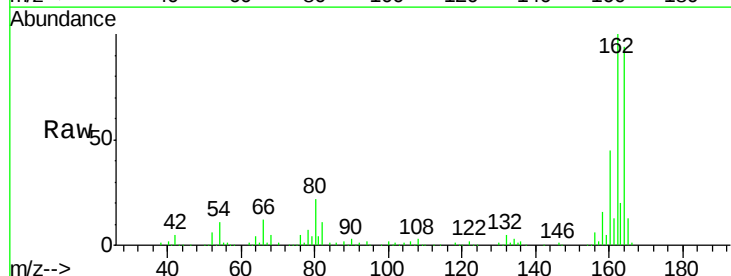
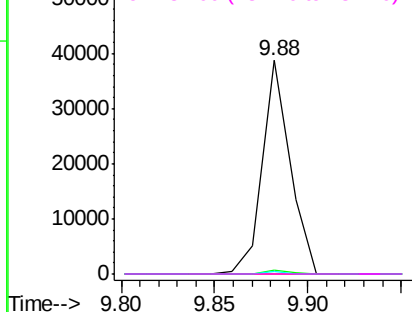
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

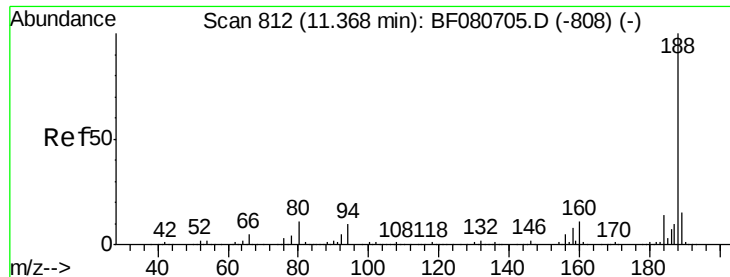


#56
 2,4-Dinitrotoluene
 Concen: 6.50 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080728.D
 Acq: 31 Jul 2015 12:00

Tgt Ion:165 Resp: 39680
 Ion Ratio Lower Upper
 165 100
 63 1.6 46.7 70.1#
 89 1.4 67.4 101.2#
 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

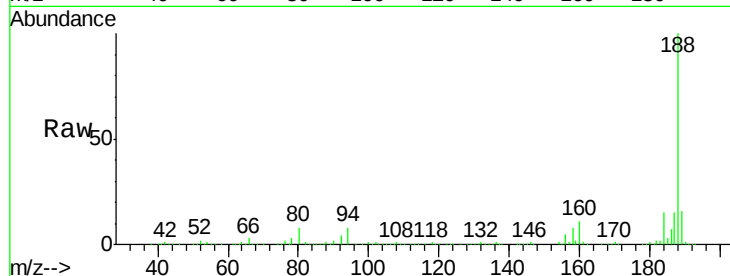




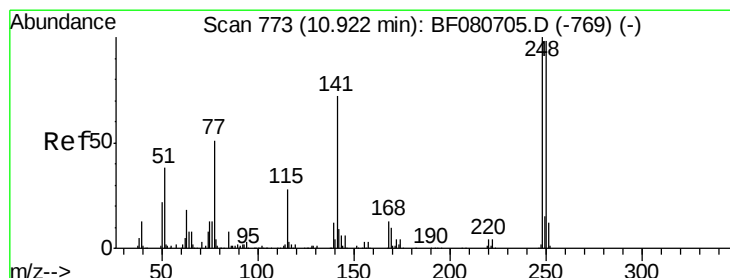
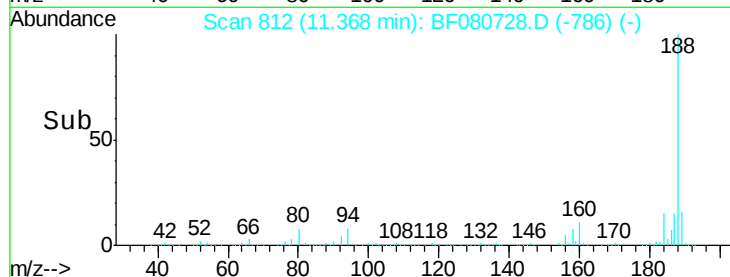
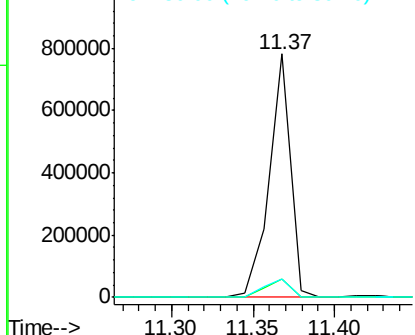
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080728.D
 Acq: 31 Jul 2015 12:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84692TB

Tgt Ion:188 Resp: 714621
 Ion Ratio Lower Upper
 188 100
 94 7.6 8.1 12.1#
 80 7.8 9.1 13.7#

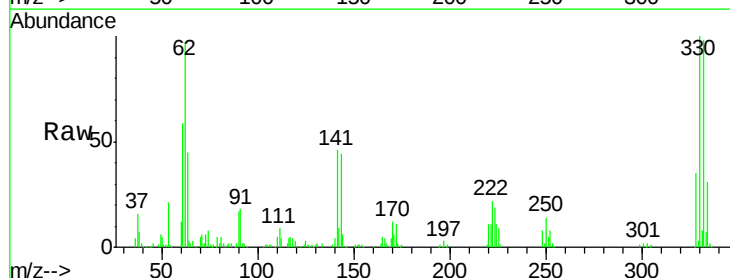


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

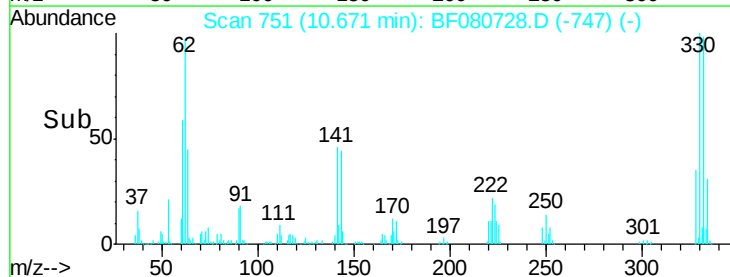
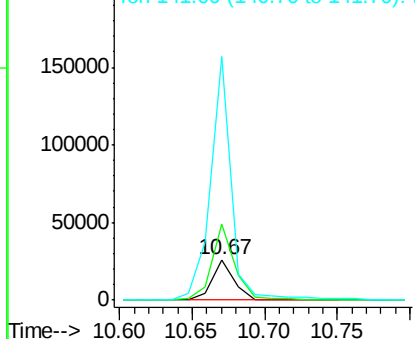


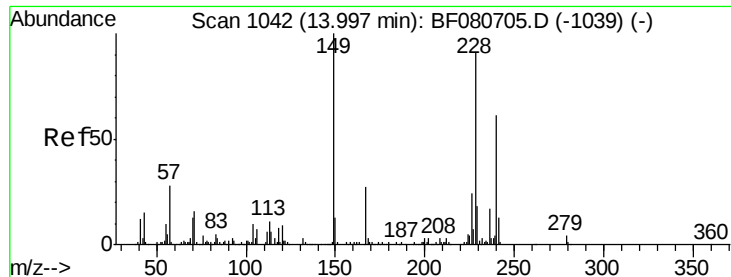
#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080728.D
 Acq: 31 Jul 2015 12:00

Tgt Ion:248 Resp: 28482
 Ion Ratio Lower Upper
 248 100
 250 186.8 78.4 117.6#
 141 599.0 57.5 86.3#



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# 1042

Delta R.T. -0.00 min

Lab File: BF080728.D

Acq: 31 Jul 2015 12:00

Instrument :

BNA_F

ClientSampleId :

PB84692TB

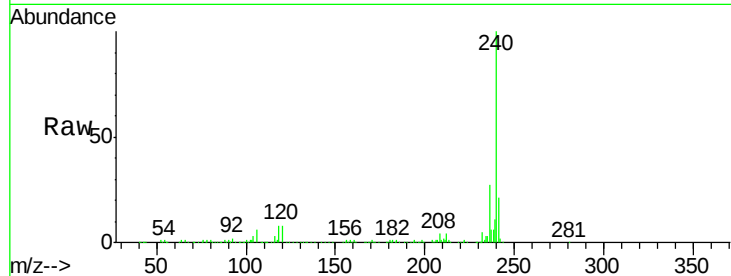
Tgt Ion:240 Resp: 545878

Ion Ratio Lower Upper

240 100

120 8.2 11.8 17.8#

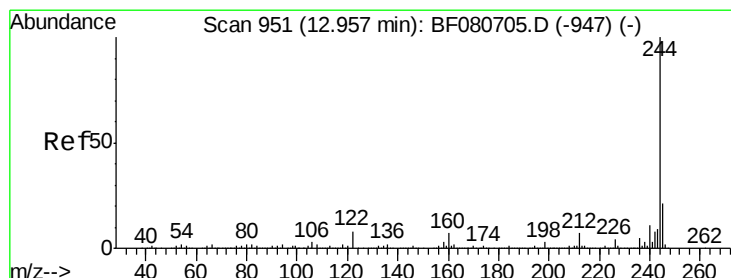
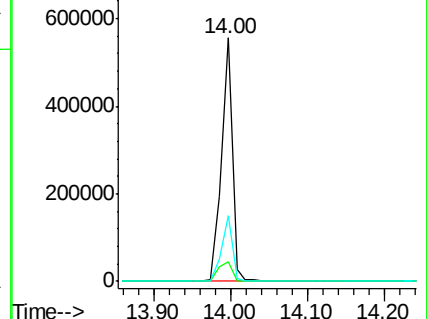
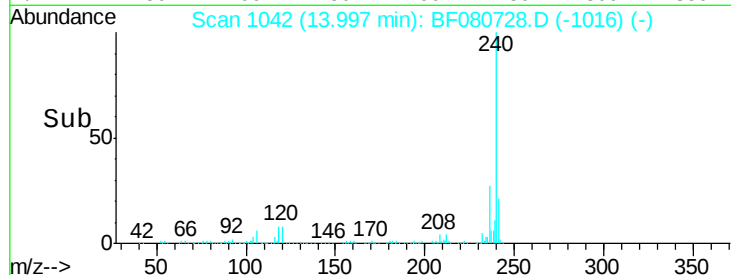
236 26.9 21.8 32.8



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: 68.92 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080728.D

Acq: 31 Jul 2015 12:00

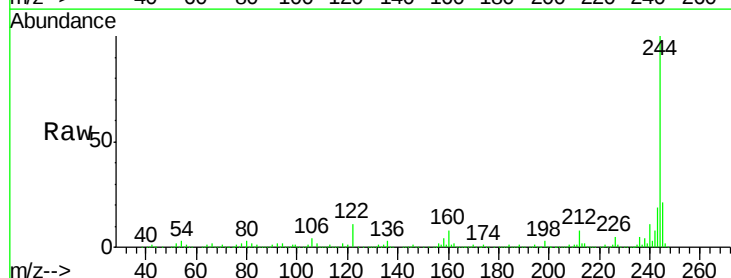
Tgt Ion:244 Resp: 1989332

Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

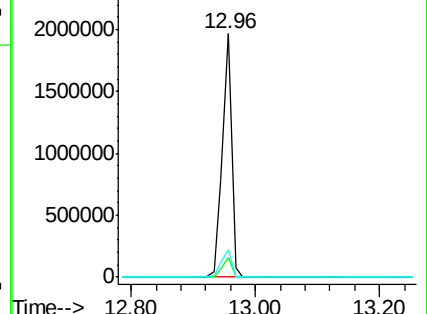
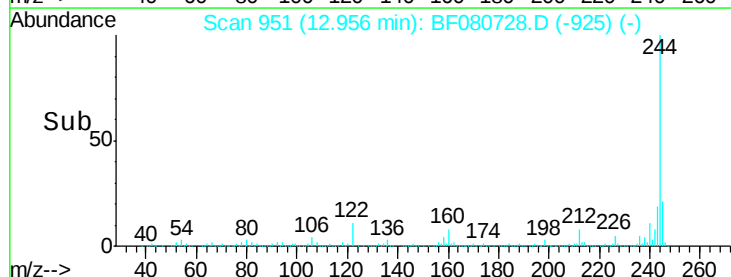
122 11.0 6.6 9.8#

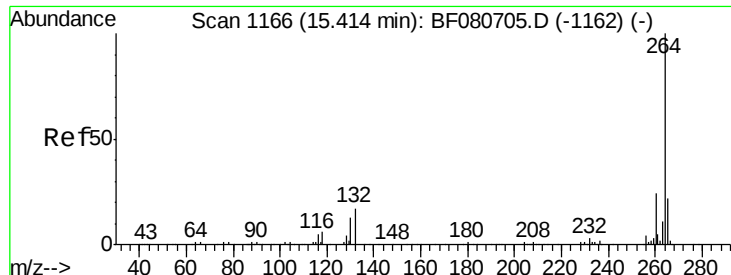


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

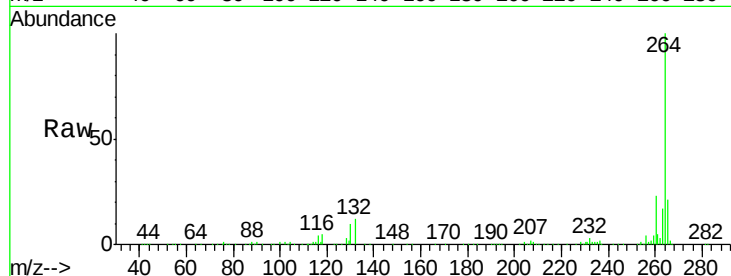




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080728.D
Acq: 31 Jul 2015 12:00

Instrument :
BNA_F
ClientSampleId :
PB84692TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	20.9	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

