

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080777.D
 Acq On : 1 Aug 2015 13:19
 Operator : TP/UM
 Sample : PB84701BL
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BL

Quant Time: Aug 03 01:05:41 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

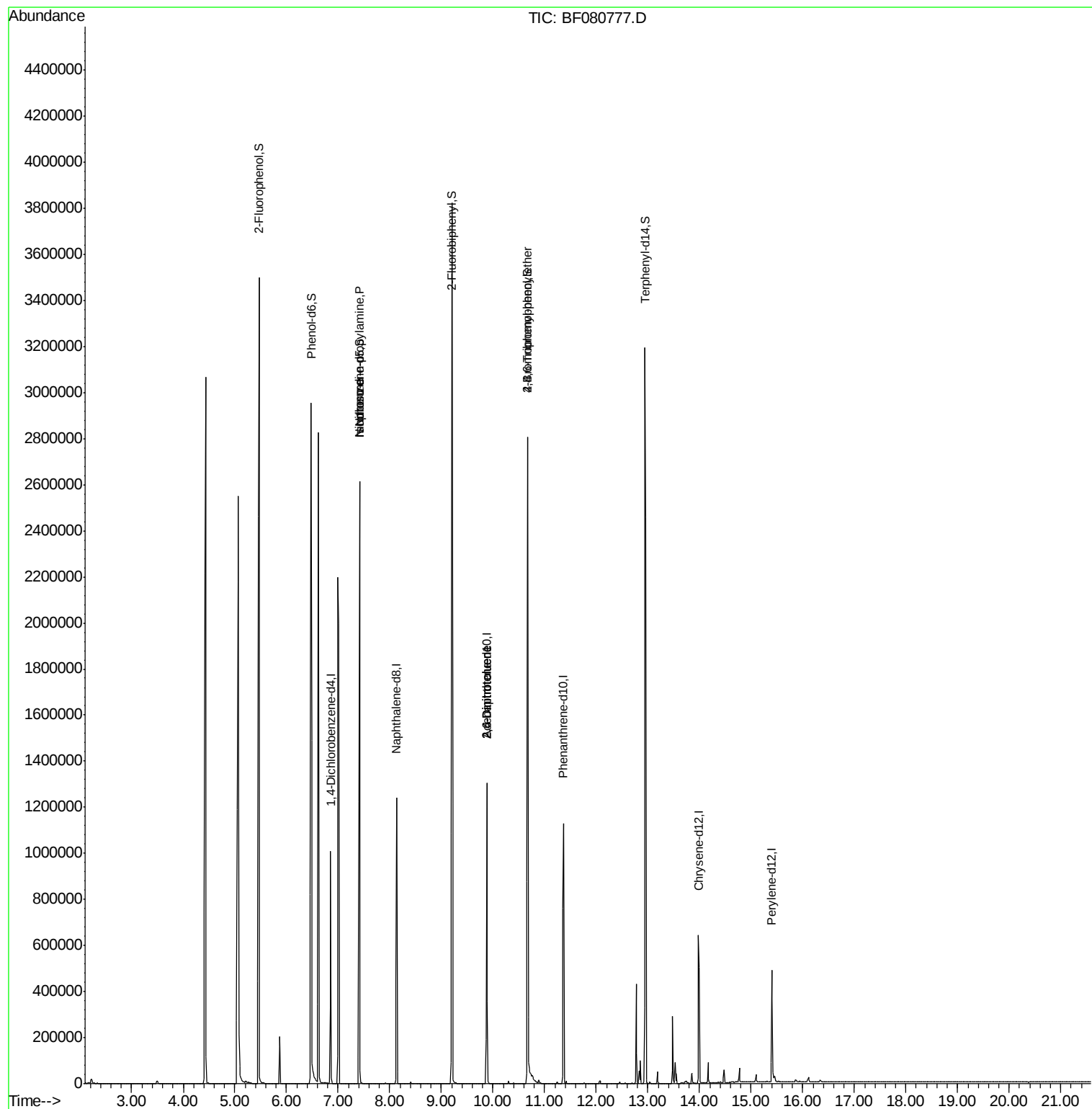
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141749	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	541517	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	261589	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	540176	20.00	ng	0.00
75) Chrysene-d12	13.99	240	309834	20.00	ng	-0.01
86) Perylene-d12	15.40	264	276193	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1065850	128.99	ng	0.02
7) Phenol-d6	6.48	99	1253835	111.46	ng	-0.01
23) Nitrobenzene-d5	7.41	82	875283	78.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	354630	130.65	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1397868	79.72	ng	-0.01
78) Terphenyl-d14	12.94	244	1458506	89.03	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.48	77	2160	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	124478	16.43	ng	# 76
25) Isophorone	7.41	82	849983	42.74	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	32453	8.30	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	32456	6.33	ng	# 17
66) 4-Bromophenyl-phenylether	10.67	248	23869	4.28	ng	# 1

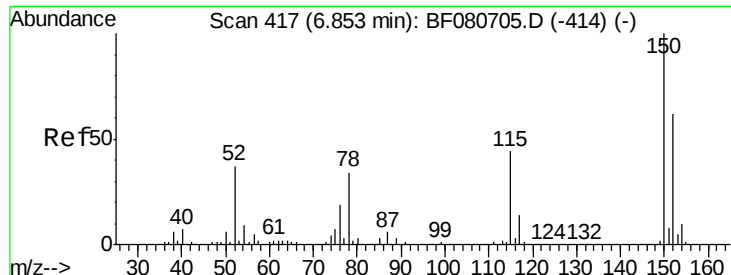
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

Instrument :

BNA_F

ClientSampleId :

PB84701BL

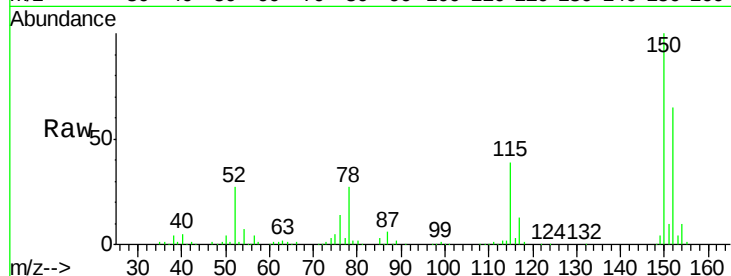
Tgt Ion:152 Resp: 141749

Ion Ratio Lower Upper

152 100

150 154.9 129.6 194.4

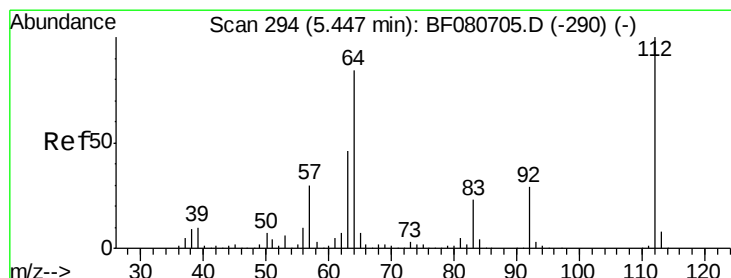
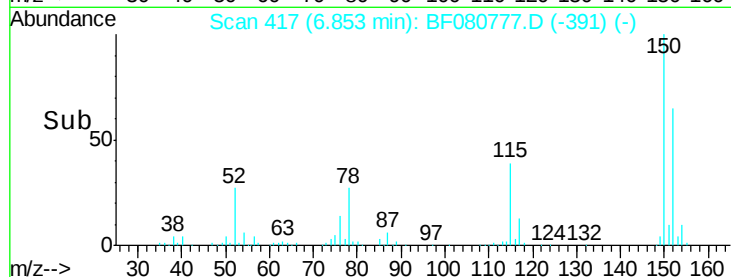
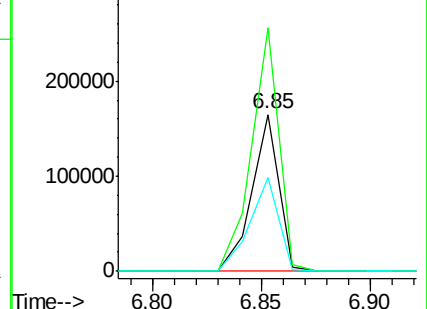
115 60.0 56.6 85.0



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: 128.99 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

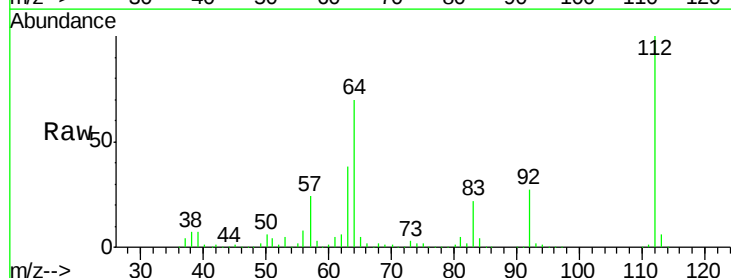
Tgt Ion:112 Resp: 1065850

Ion Ratio Lower Upper

112 100

64 69.7 66.8 100.2

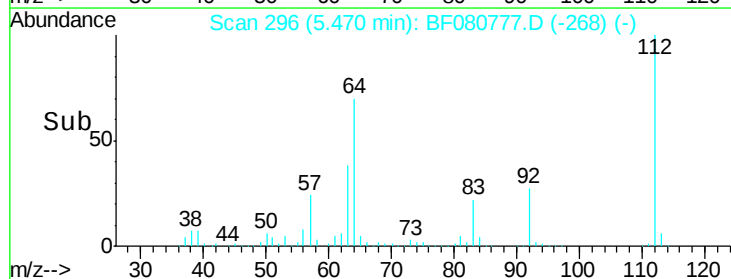
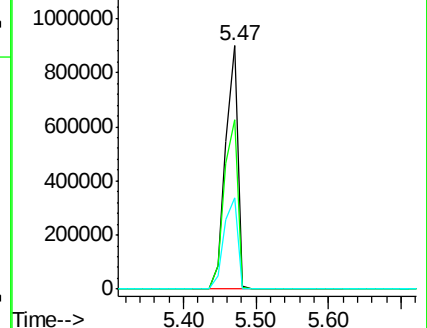
63 37.7 36.7 55.1

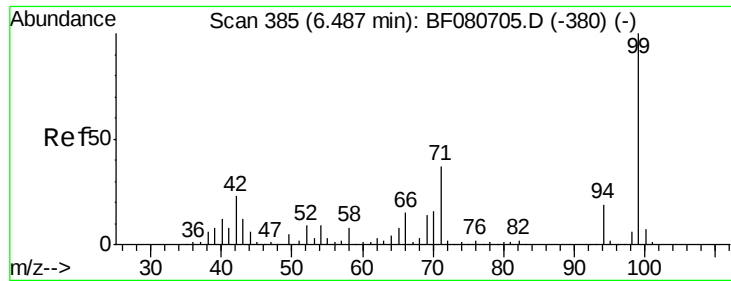


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.46 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

Instrument :

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ClientSampleId :

PB84701BL

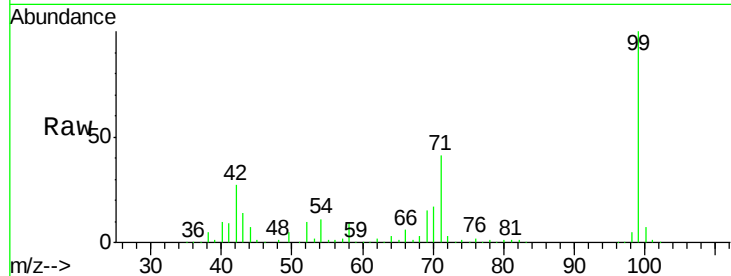
Tgt Ion: 99 Resp: 1253835

Ion Ratio Lower Upper

99 100

42 26.7 18.2 27.2

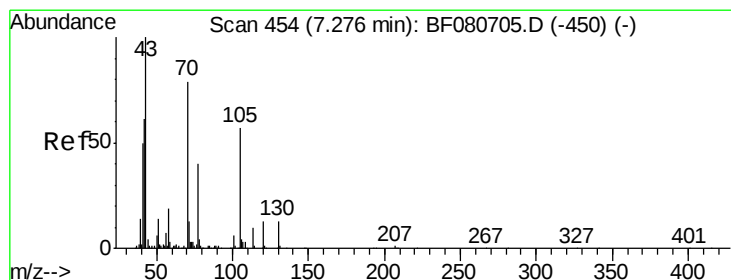
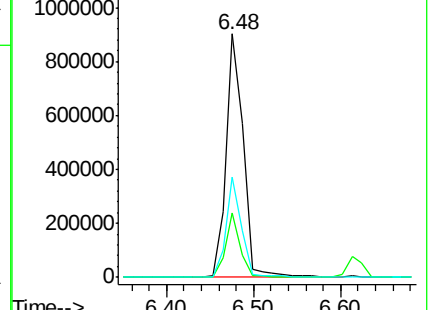
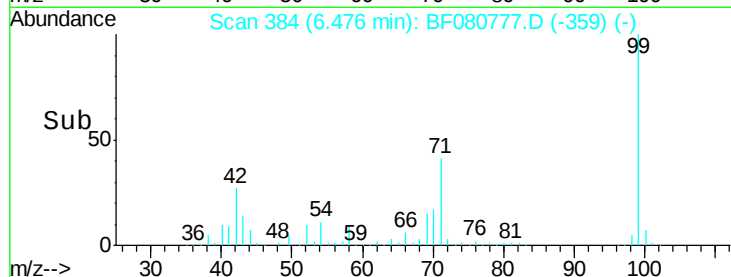
71 41.1 29.5 44.3



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: 16.43 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

Tgt Ion: 70 Resp: 124478

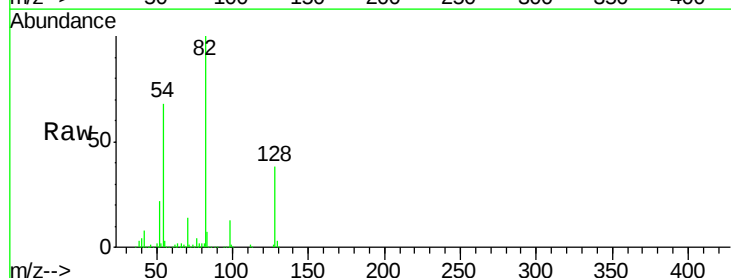
Ion Ratio Lower Upper

70 100

42 58.0 61.8 92.6#

101 0.0 6.1 9.1#

130 1.7 12.9 19.3#

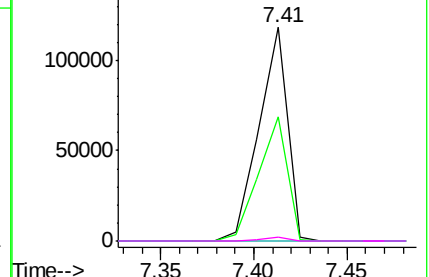
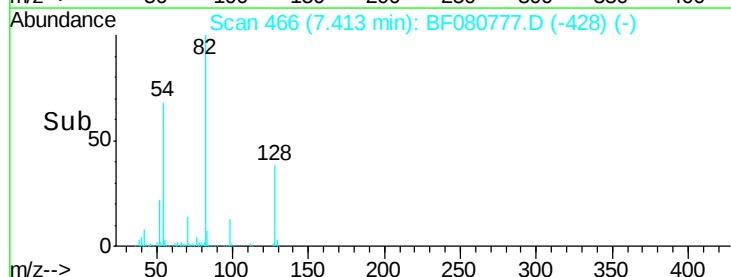


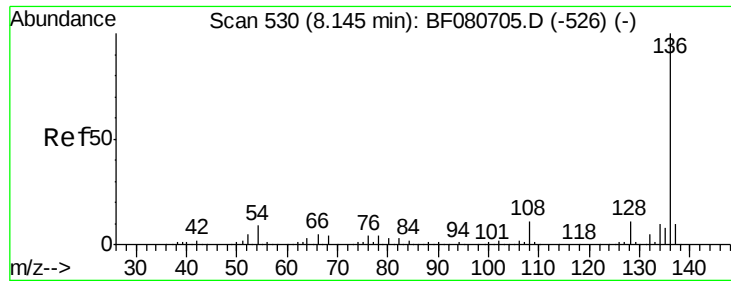
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

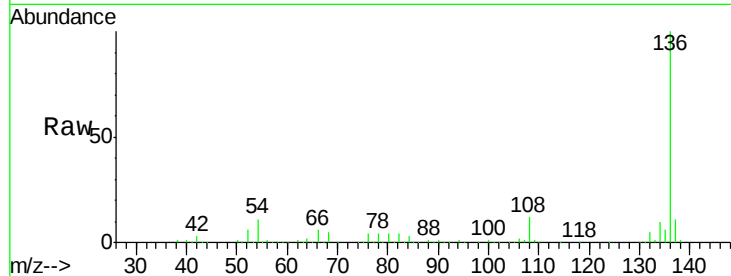




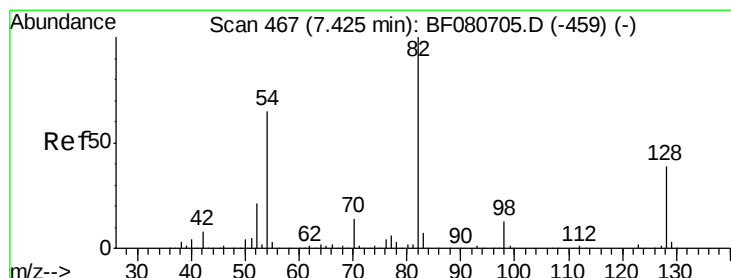
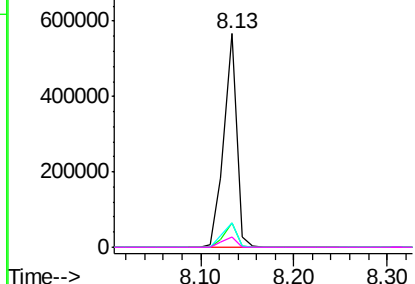
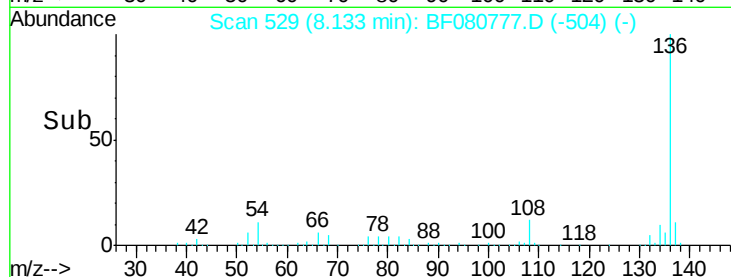
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080777.D
Acq: 1 Aug 2015 13:19

Instrument :
BNA_F
ClientSampleId :
PB84701BL

Tgt Ion:	136	Resp:	541517
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.4	6.9	10.3
68	5.0	3.5	5.3

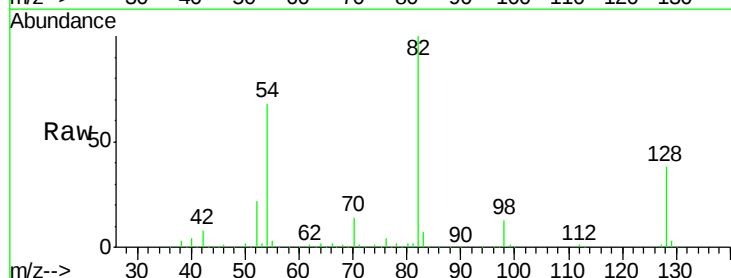


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

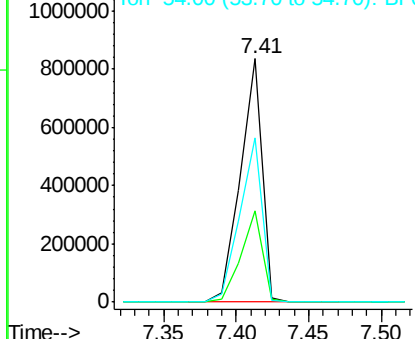
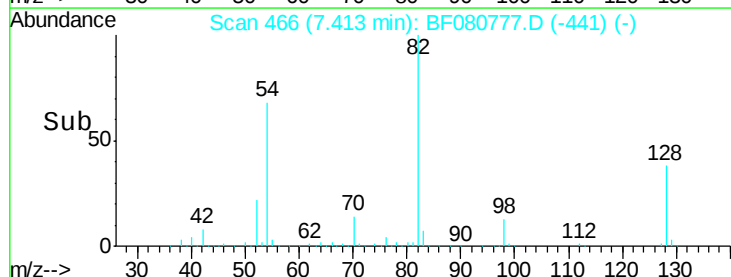


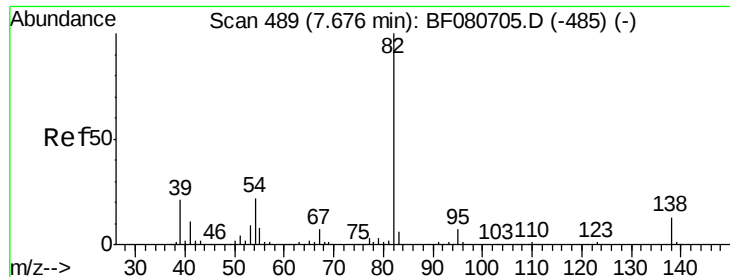
#23
Nitrobenzene-d5
Concen: 78.27 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080777.D
Acq: 1 Aug 2015 13:19

Tgt Ion:	82	Resp:	875283
Ion	Ratio	Lower	Upper
82	100		
128	37.6	31.5	47.3
54	67.6	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: 42.74 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

Instrument :

BNA_F

ClientSampled :

PB84701BL

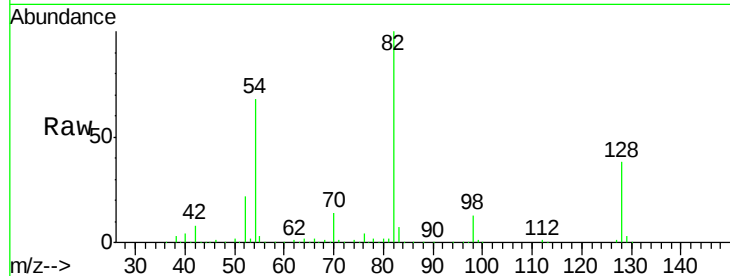
Tgt Ion: 82 Resp: 849983

Ion Ratio Lower Upper

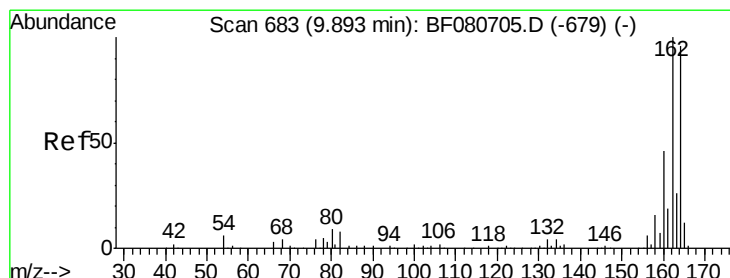
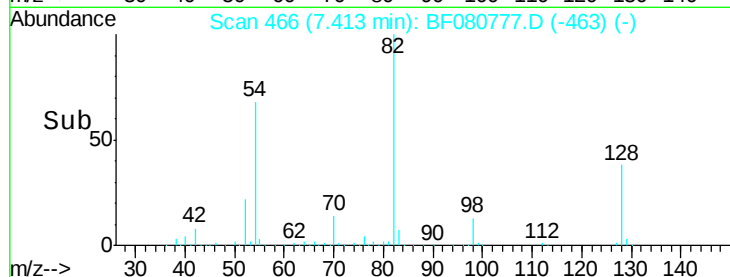
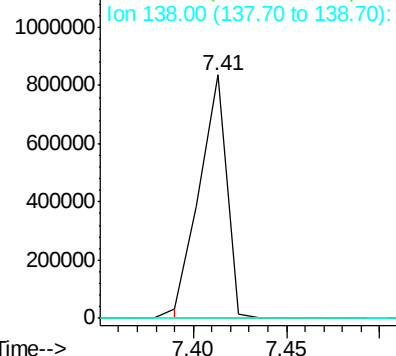
82 100

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: BF080777.D

Acq: 1 Aug 2015 13:19

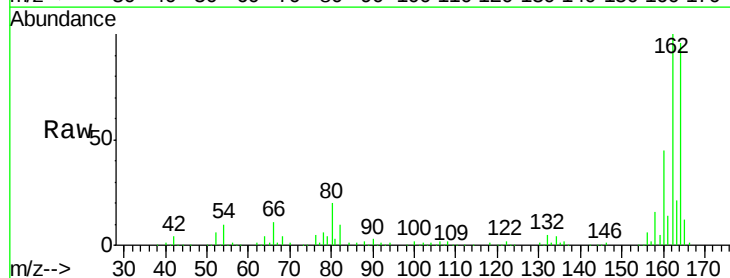
Tgt Ion: 164 Resp: 261589

Ion Ratio Lower Upper

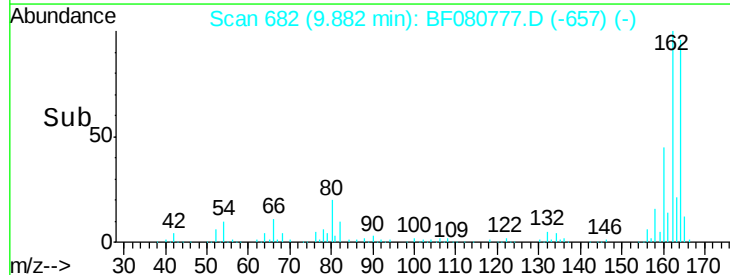
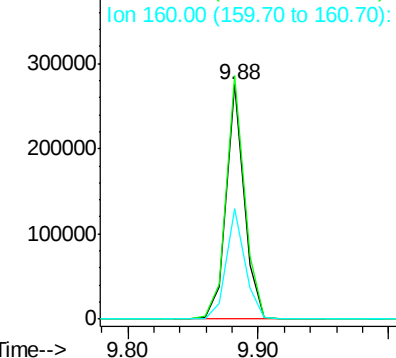
164 100

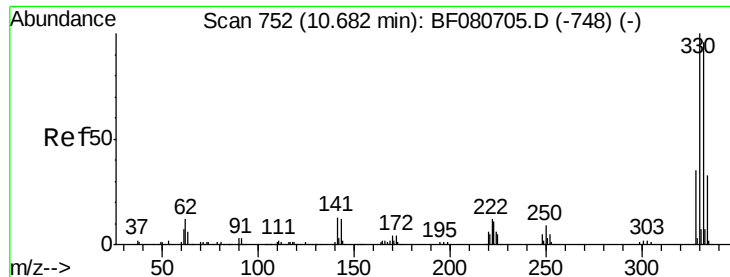
162 103.9 83.4 125.0

160 47.1 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

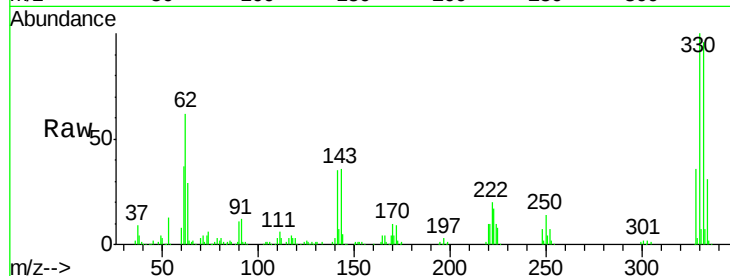




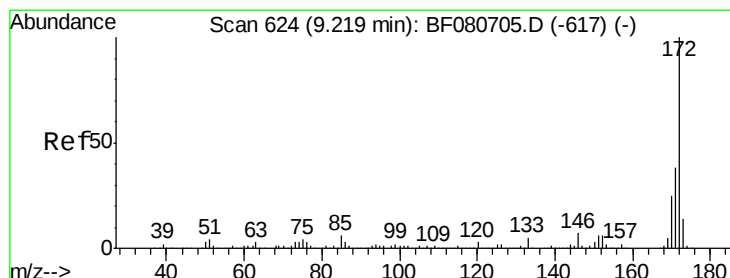
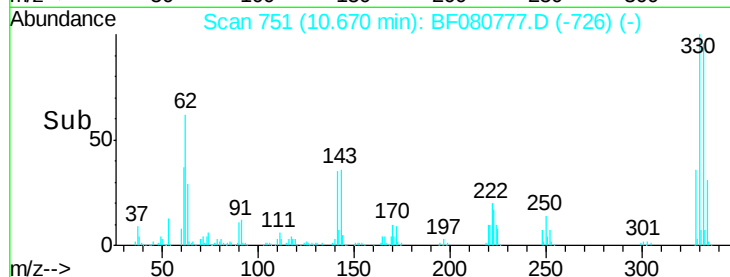
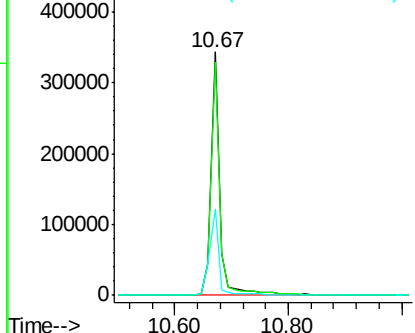
#41
 2,4,6-Tribromophenol
 Concen: 130.65 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BL

Tgt Ion:330 Resp: 354630
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 38.5 26.0 39.0

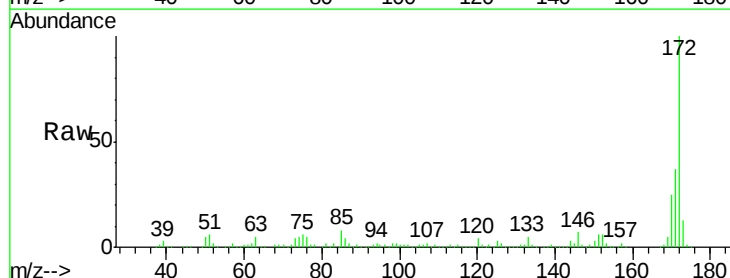


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

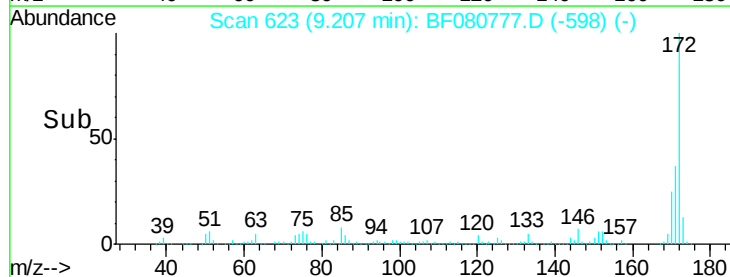
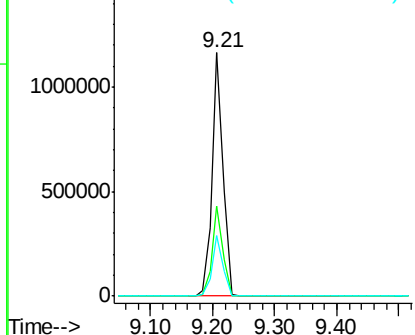


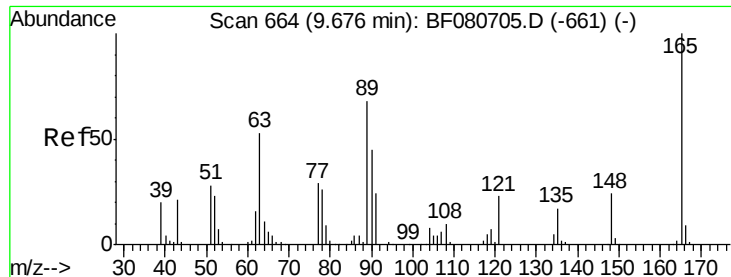
#44
 2-Fluorobiphenyl
 Concen: 79.72 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Tgt Ion:172 Resp: 1397868
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.2 45.4
 170 24.8 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

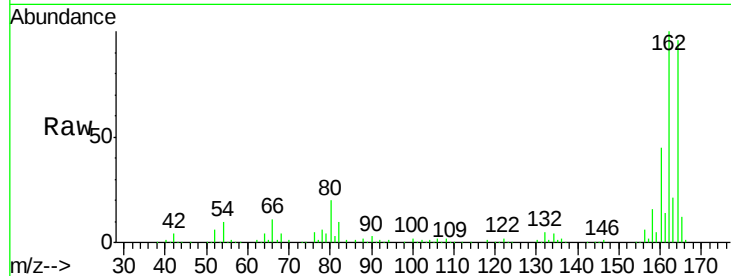




#50
 2,6-Dinitrotoluene
 Concen: 8.30 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84701BL

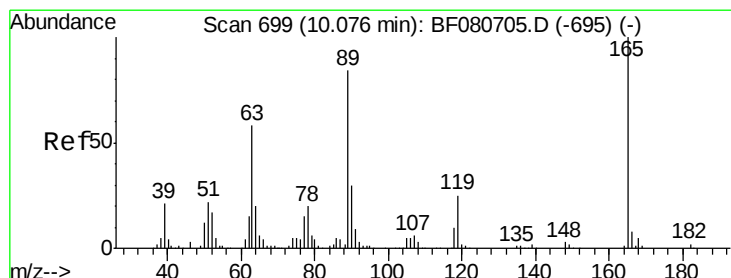
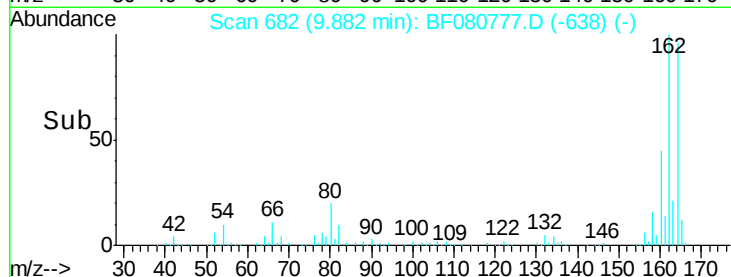
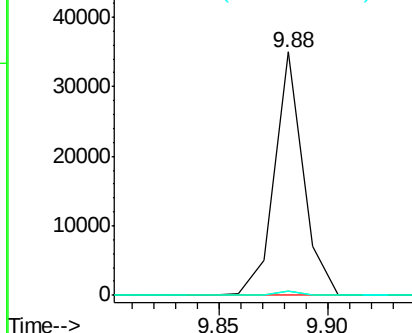
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	62.3	93.5#
89	2.0	54.8	82.2#



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: 6.33 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

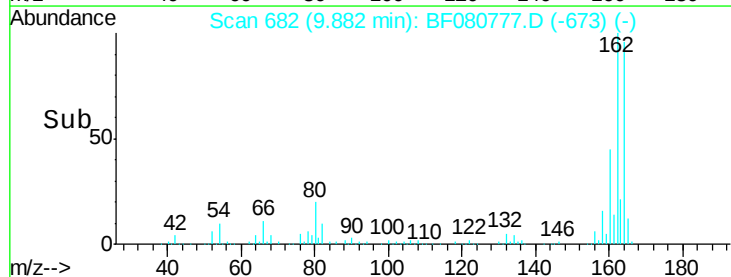
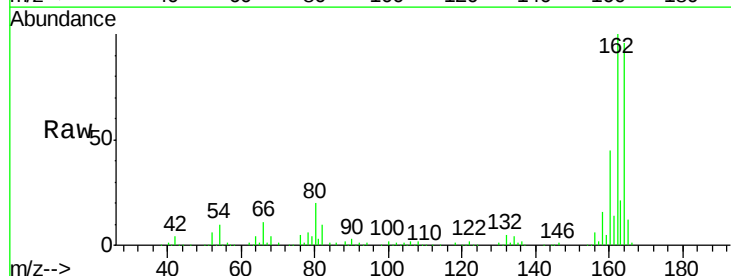
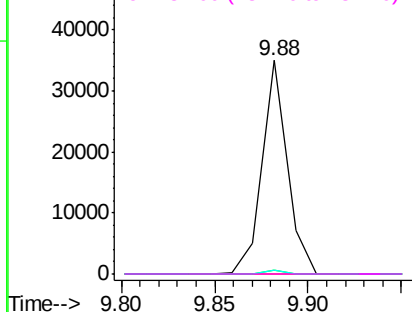
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	46.7	70.1#
89	2.0	67.4	101.2#
182	0.0	1.8	2.6#

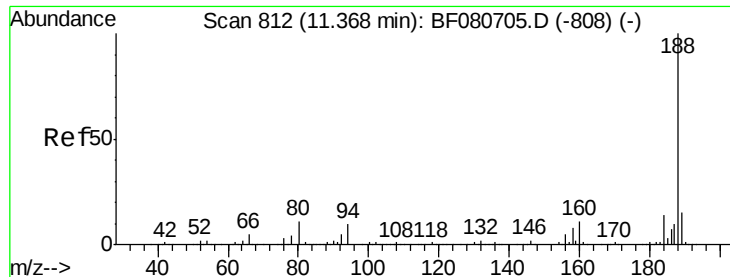
Abundance Ion 165.00 (164.70 to 165.70): E

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

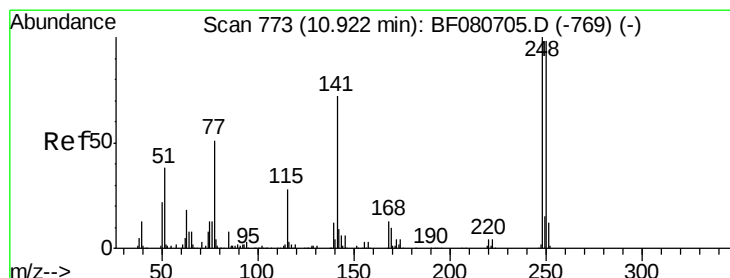
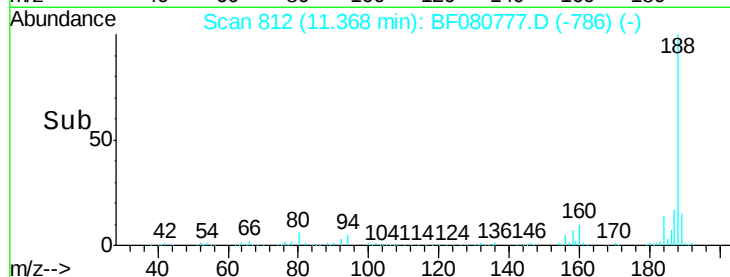
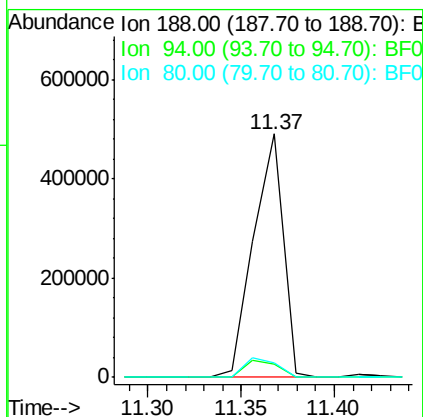
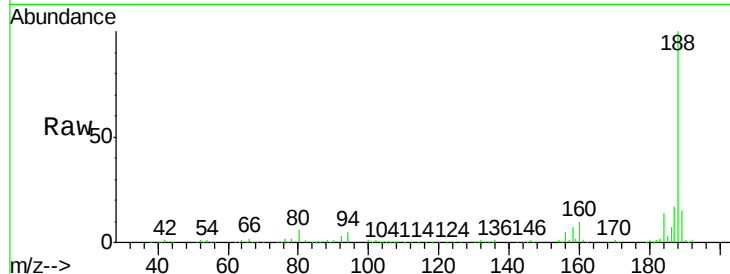




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

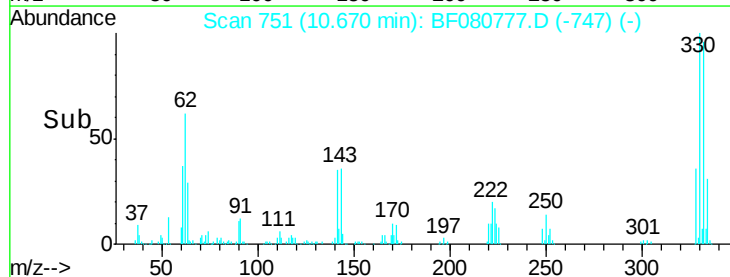
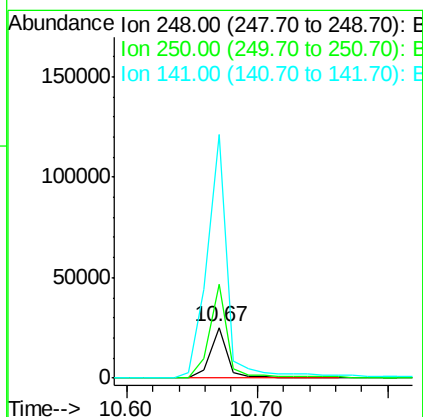
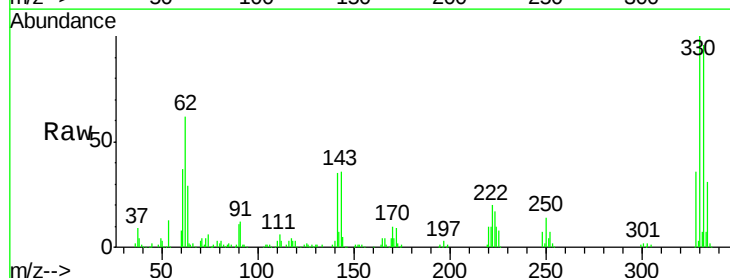
Instrument :
 BNA_F
 ClientSampleId :
 PB84701BL

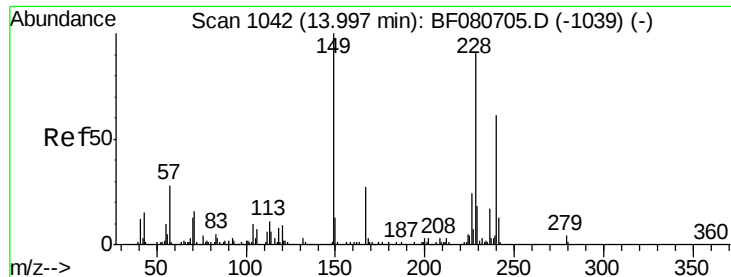
Tgt Ion:188 Resp: 540176
 Ion Ratio Lower Upper
 188 100
 94 5.4 8.1 12.1#
 80 5.8 9.1 13.7#



#66
 4-Bromophenyl-phenylether
 Concen: 4.28 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080777.D
 Acq: 1 Aug 2015 13:19

Tgt Ion:248 Resp: 23869
 Ion Ratio Lower Upper
 248 100
 250 187.2 78.4 117.6#
 141 483.1 57.5 86.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

Instrument :

BNA_F

ClientSampleId :

PB84701BL

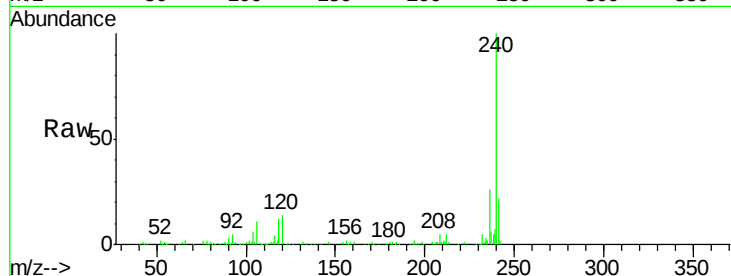
Tgt Ion:240 Resp: 309834

Ion Ratio Lower Upper

240 100

120 13.8 11.8 17.8

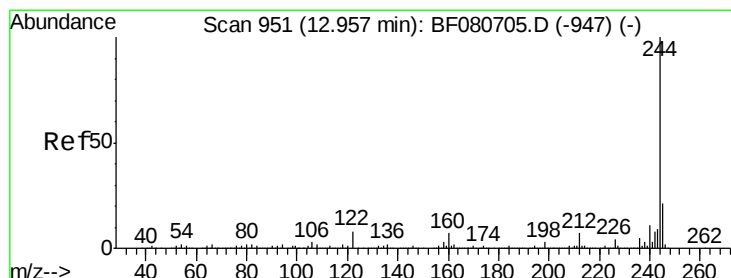
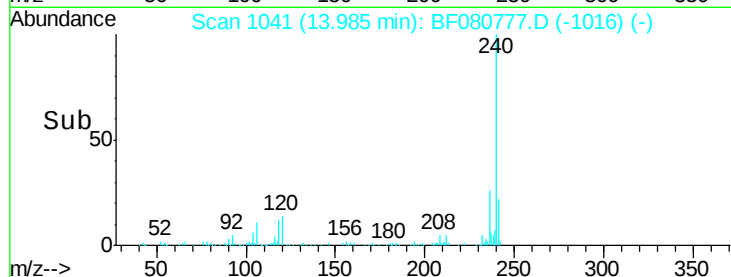
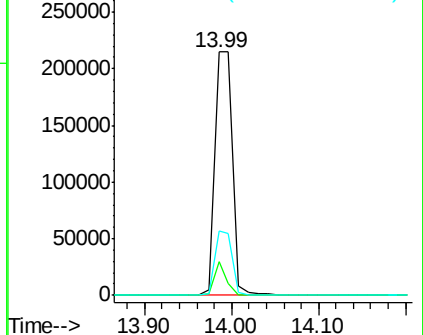
236 26.4 21.8 32.8



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: 89.03 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

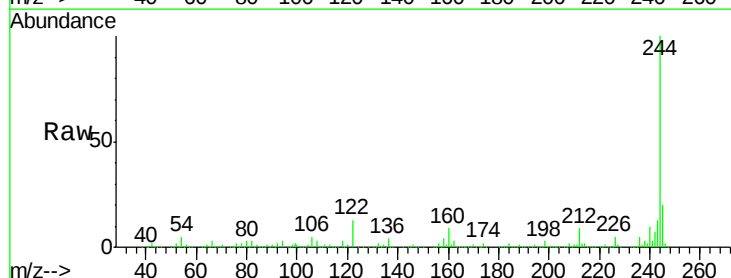
Tgt Ion:244 Resp: 1458506

Ion Ratio Lower Upper

244 100

212 8.6 5.9 8.9

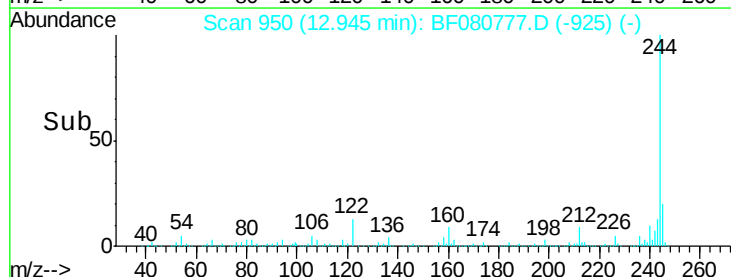
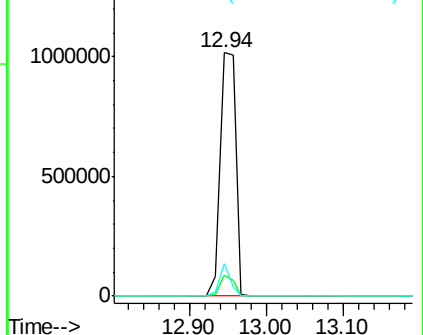
122 13.1 6.6 9.8#

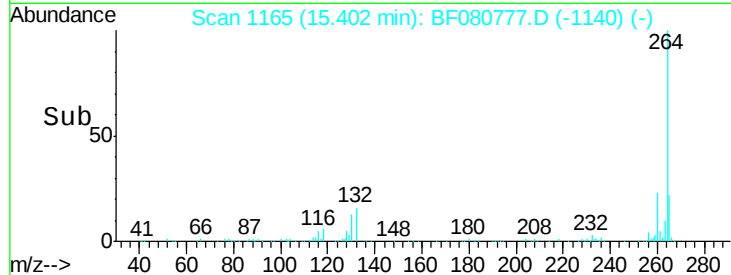
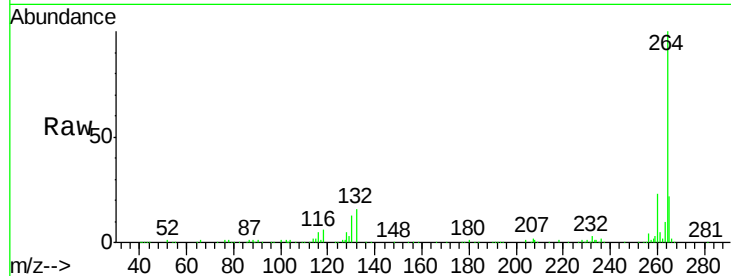
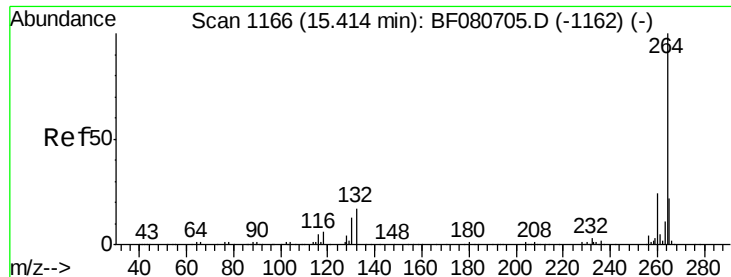


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080777.D

Acq: 1 Aug 2015 13:19

Instrument :

BNA_F

ClientSampleId :

PB84701BL

Tgt Ion: 264 Resp: 276193

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.0

265 22.0 17.3 25.9

