

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080757.D
 Acq On : 1 Aug 2015 3:05
 Operator : TP/UM
 Sample : PB84784TB
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84784TB

Quant Time: Aug 01 03:55:25 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

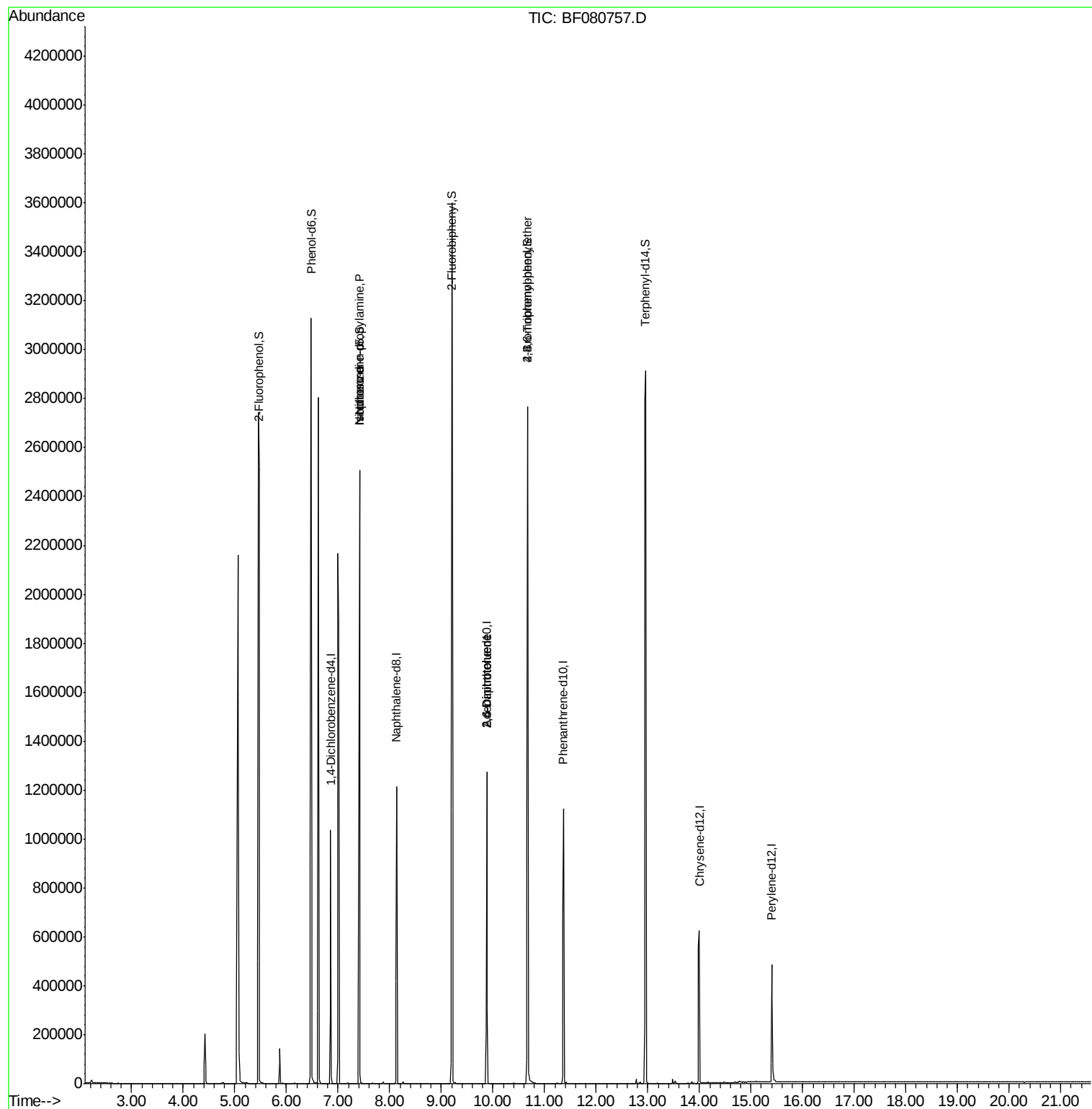
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141516	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	526953	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	257926	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	520157	20.00	ng	0.00
75) Chrysene-d12	14.00	240	316977	20.00	ng	0.00
86) Perylene-d12	15.40	264	270762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	983626	119.24	ng	0.02
7) Phenol-d6	6.48	99	1116502	99.42	ng	-0.01
23) Nitrobenzene-d5	7.41	82	876528	80.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	335862	125.49	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1348164	77.98	ng	-0.01
78) Terphenyl-d14	12.96	244	1406734	83.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	1588	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	125039	16.53	ng	# 71
25) Isophorone	7.41	82	854747	44.17	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	32714	8.48	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	32716	6.47	ng	# 17
66) 4-Bromophenyl-phenylether	10.67	248	23132	4.31	ng	# 1

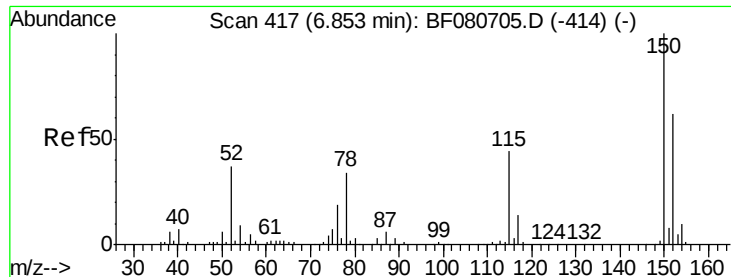
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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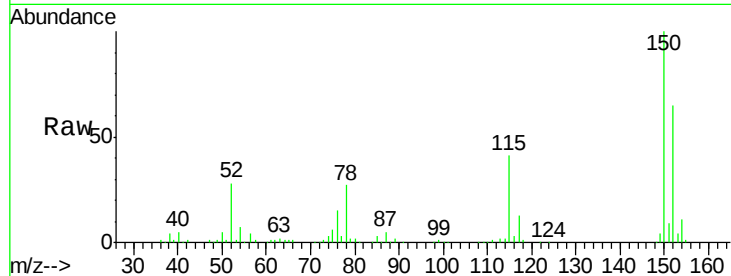


#1

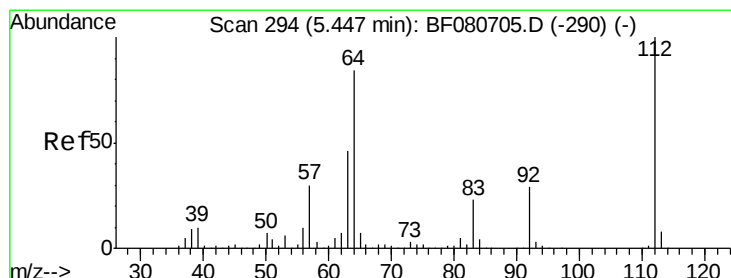
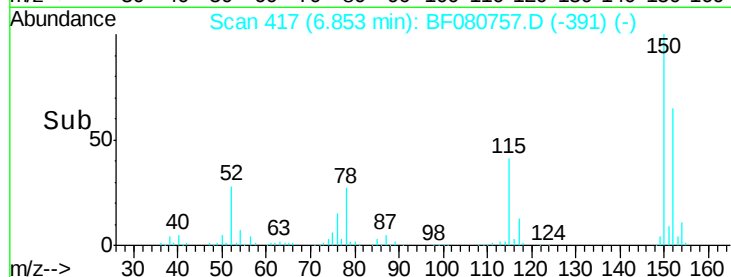
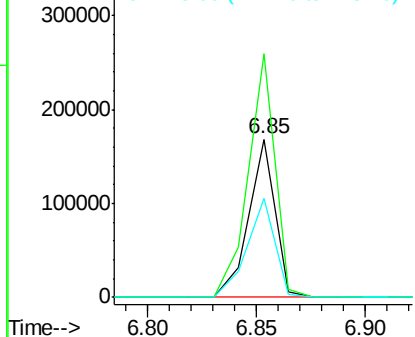
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080757.D
Acq: 1 Aug 2015 3:05

Instrument :
BNA_F
ClientSampleId :
PB84784TB

Tgt Ion:152 Resp: 141516
Ion Ratio Lower Upper
152 100
150 153.7 129.6 194.4
115 62.5 56.6 85.0



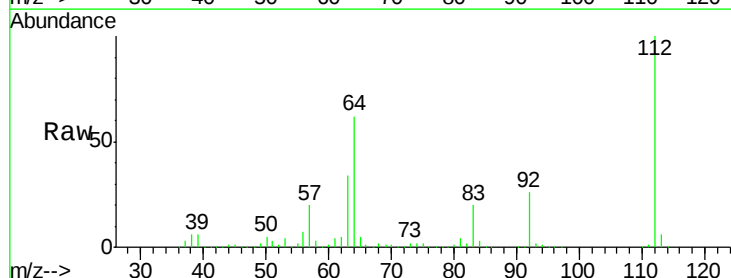
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



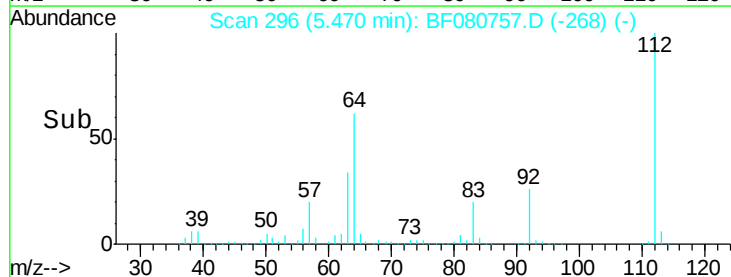
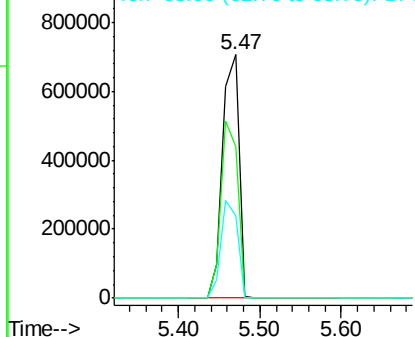
#5

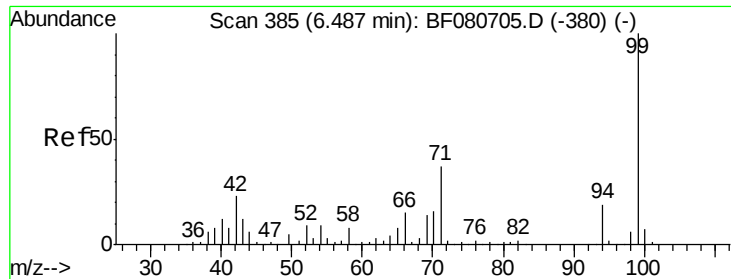
2-Fluorophenol
Concen: 119.24 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080757.D
Acq: 1 Aug 2015 3:05

Tgt Ion:112 Resp: 983626
Ion Ratio Lower Upper
112 100
64 62.1 66.8 100.2#
63 33.6 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: 99.42 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080757.D

Acq: 1 Aug 2015 3:05

Instrument :

BNA_F

ClientSampleId :

PB84784TB

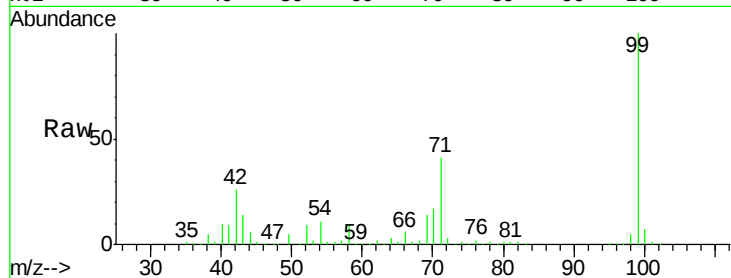
Tgt Ion: 99 Resp: 1116502

Ion Ratio Lower Upper

99 100

42 26.4 18.2 27.2

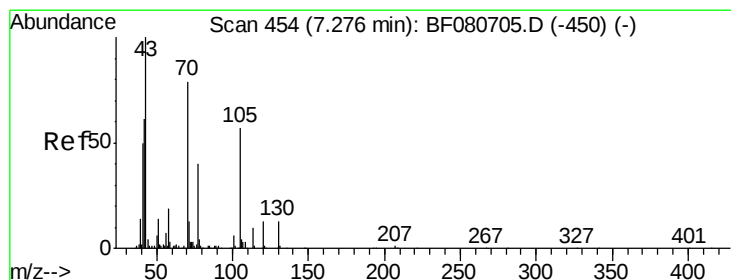
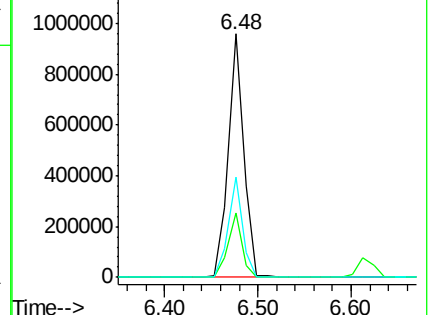
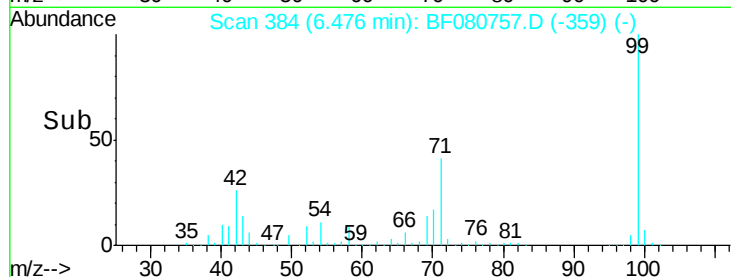
71 40.9 29.5 44.3



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: 16.53 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080757.D

Acq: 1 Aug 2015 3:05

Tgt Ion: 70 Resp: 125039

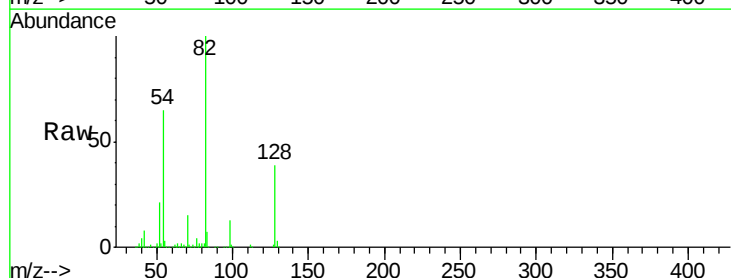
Ion Ratio Lower Upper

70 100

42 52.8 61.8 92.6#

101 0.0 6.1 9.1#

130 1.5 12.9 19.3#

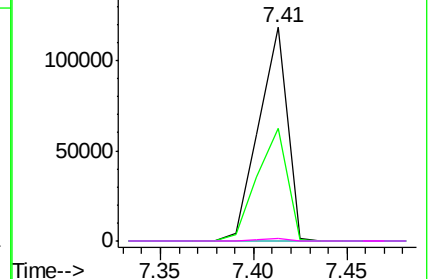
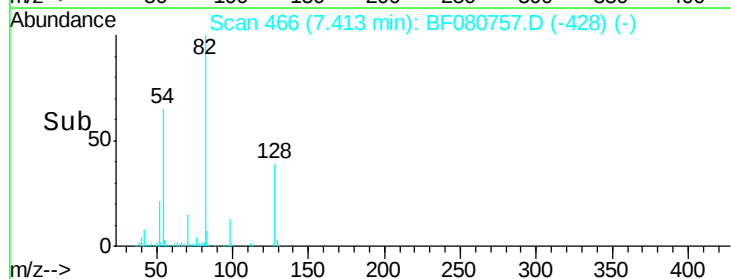


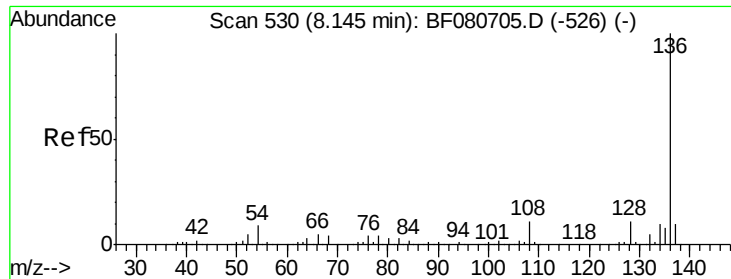
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

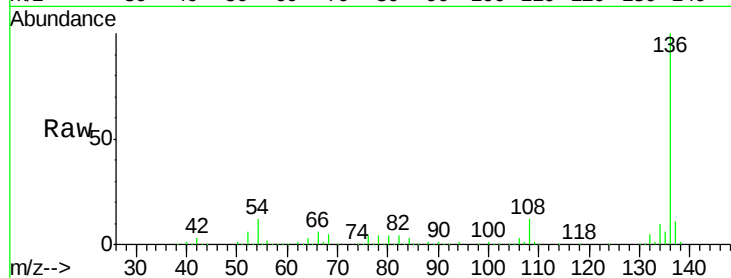




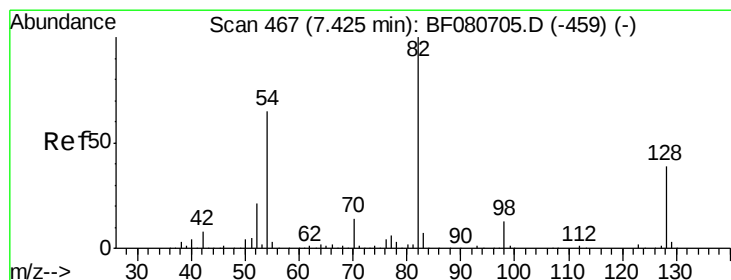
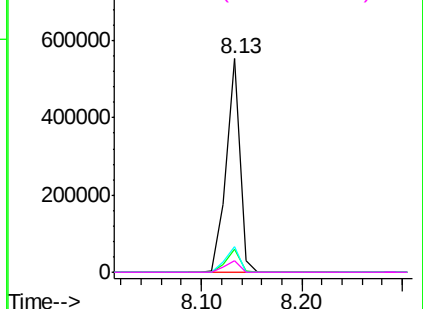
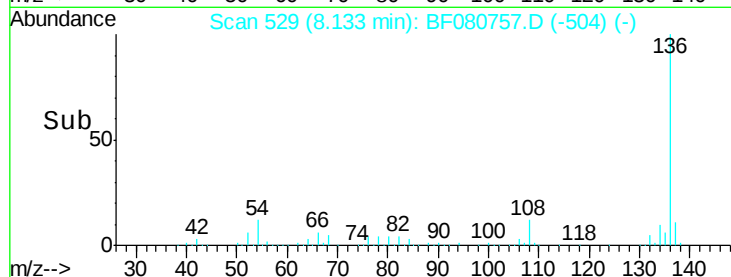
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080757.D
Acq: 1 Aug 2015 3:05

Instrument :
BNA_F
ClientSampleId :
PB84784TB

Tgt Ion:	136	Resp:	526953
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.4	12.6
54	11.7	6.9	10.3#
68	5.3	3.5	5.3#

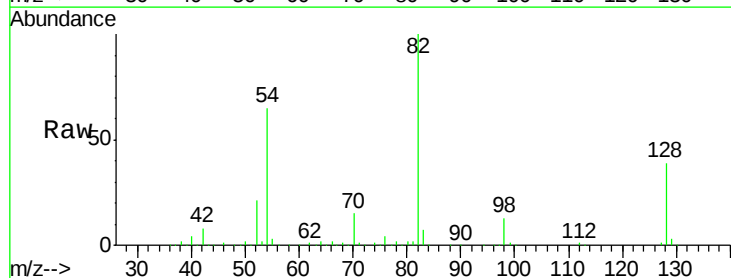


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

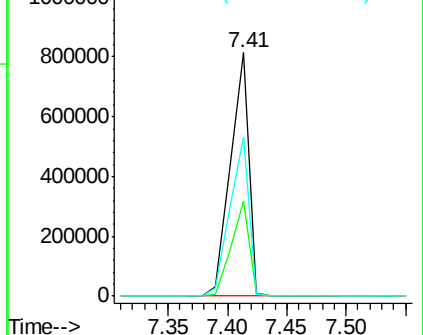
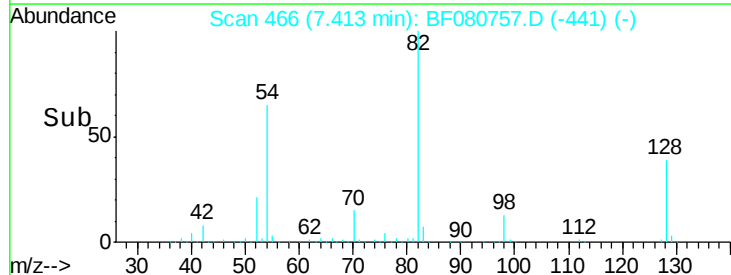


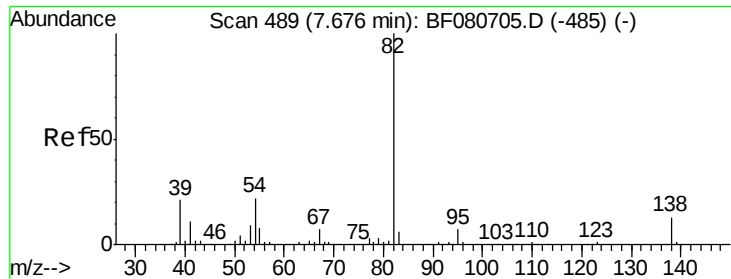
#23
Nitrobenzene-d5
Concen: 80.55 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080757.D
Acq: 1 Aug 2015 3:05

Tgt Ion:	82	Resp:	876528
Ion Ratio	Lower	Upper	
82	100		
128	39.0	31.5	47.3
54	65.4	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

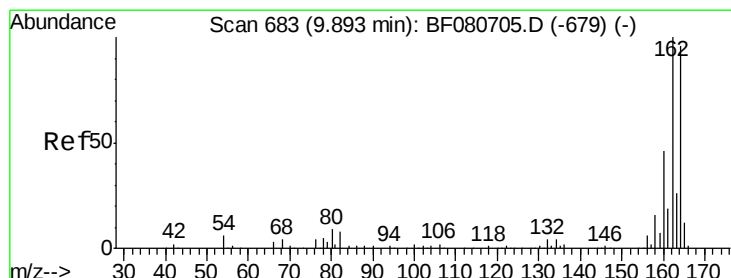
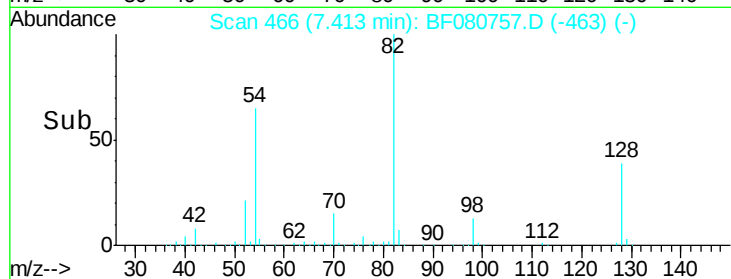
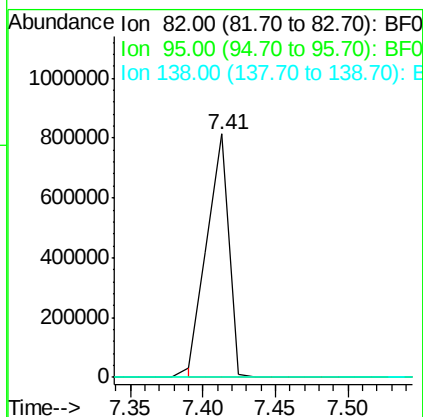
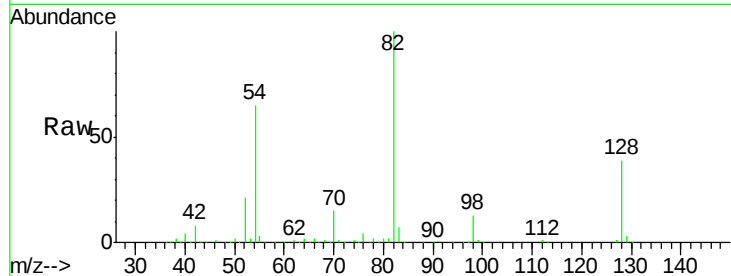




#25
Isophorone
Concen: 44.17 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.26 min
Lab File: BF080757.D
Acq: 1 Aug 2015 3:05

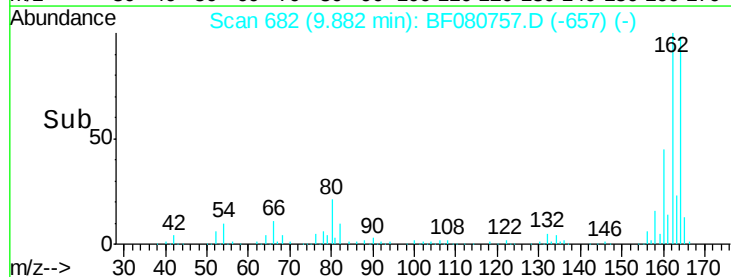
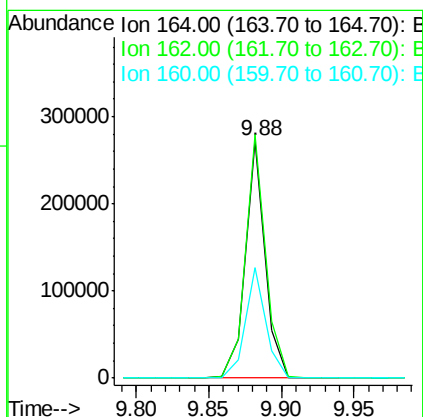
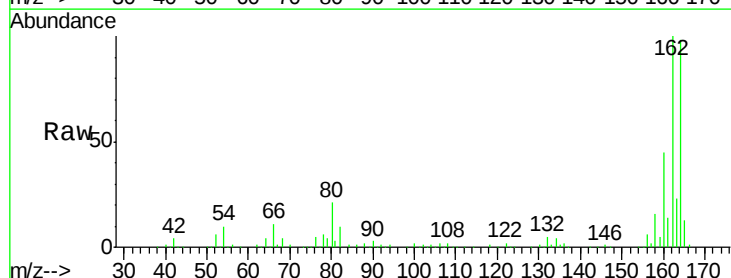
Instrument :
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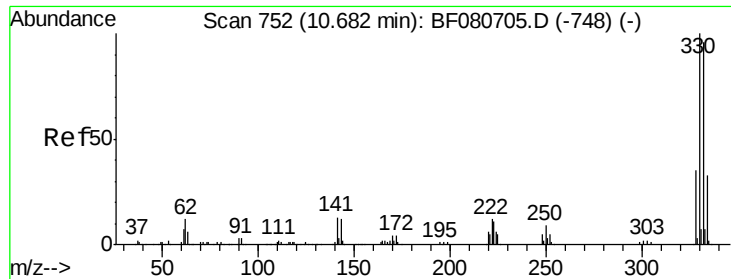
Tgt Ion: 82 Resp: 854747
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 10.7 16.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF080757.D
Acq: 1 Aug 2015 3:05

Tgt Ion: 164 Resp: 257926
Ion Ratio Lower Upper
164 100
162 102.4 83.4 125.0
160 46.5 38.0 57.0

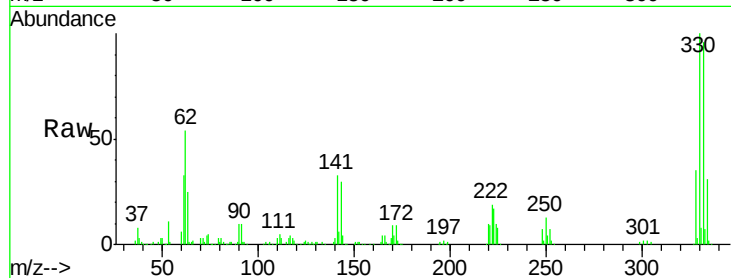




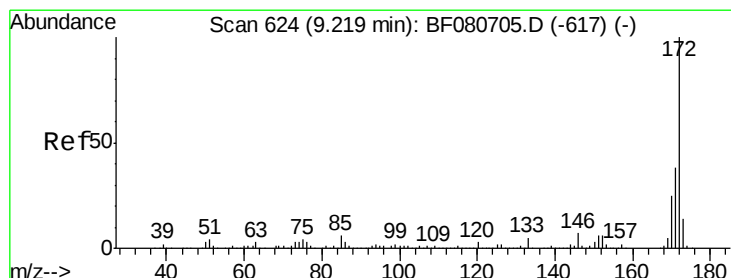
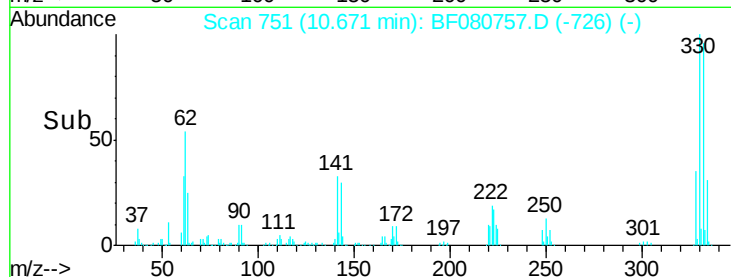
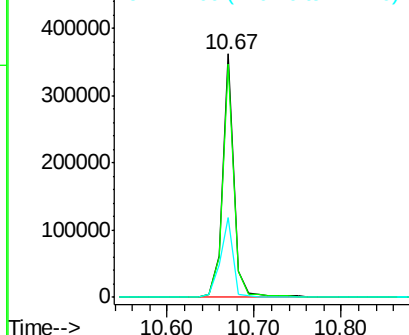
#41
 2,4,6-Tribromophenol
 Concen: 125.49 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080757.D
 Acq: 1 Aug 2015 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84784TB

Tgt Ion:330 Resp: 335862
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 37.2 26.0 39.0

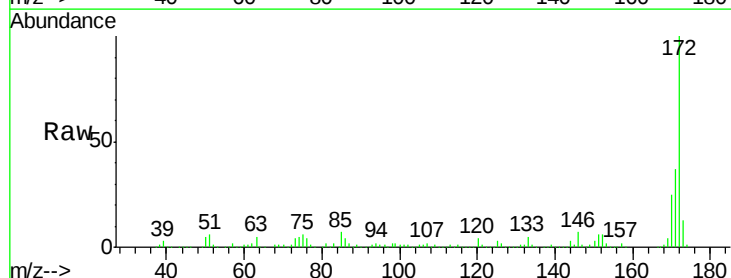


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

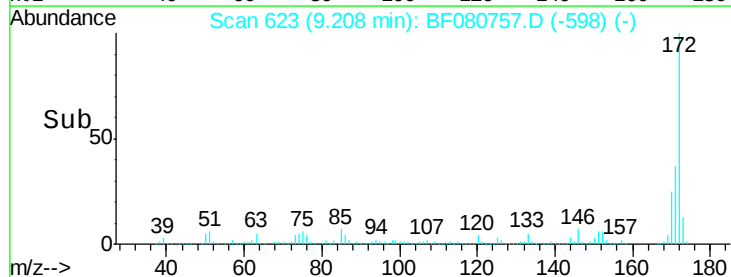
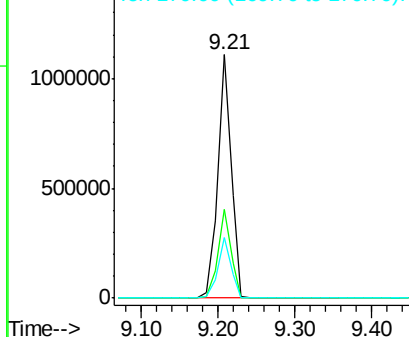


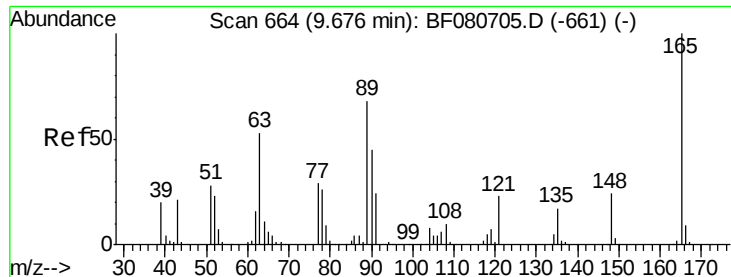
#44
 2-Fluorobiphenyl
 Concen: 77.98 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080757.D
 Acq: 1 Aug 2015 3:05

Tgt Ion:172 Resp: 1348164
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.2 45.4
 170 24.6 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

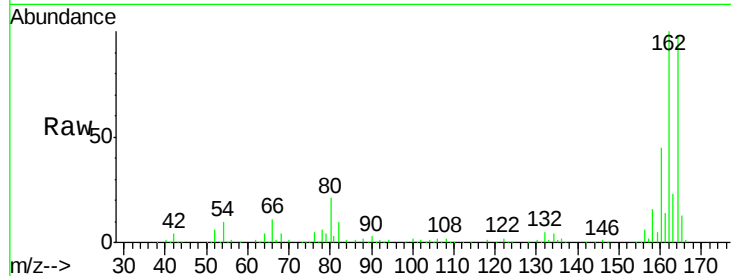




#50
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080757.D
 Acq: 1 Aug 2015 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84784TB

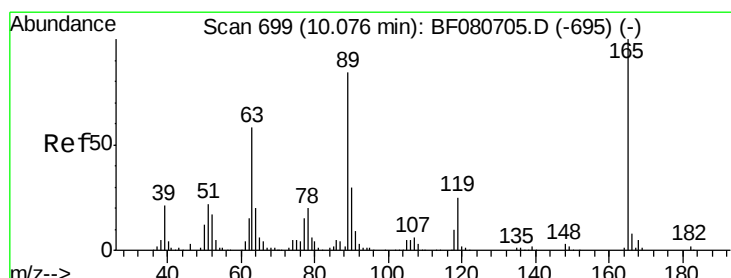
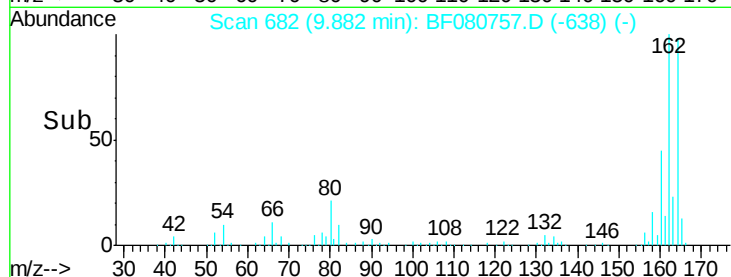
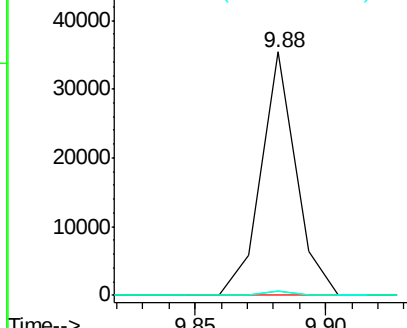
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	62.3	93.5#
89	1.8	54.8	82.2#



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: 6.47 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080757.D
 Acq: 1 Aug 2015 3:05

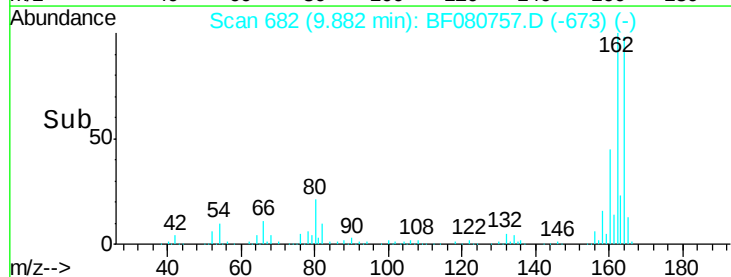
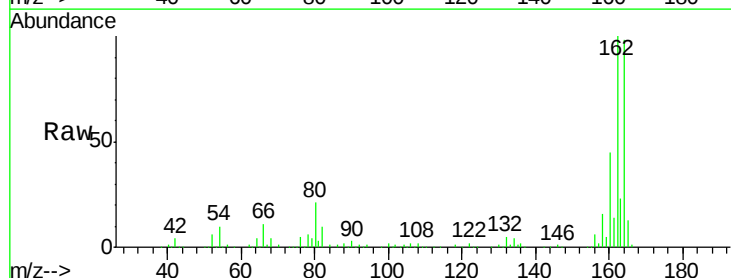
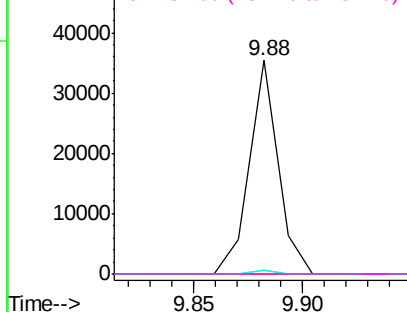
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	46.7	70.1#
89	1.8	67.4	101.2#
182	0.0	1.8	2.6#

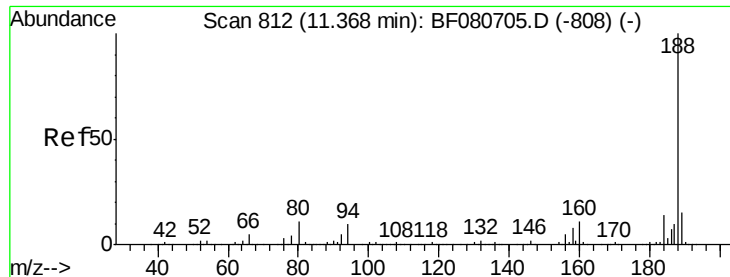
Abundance Ion 165.00 (164.70 to 165.70): E

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

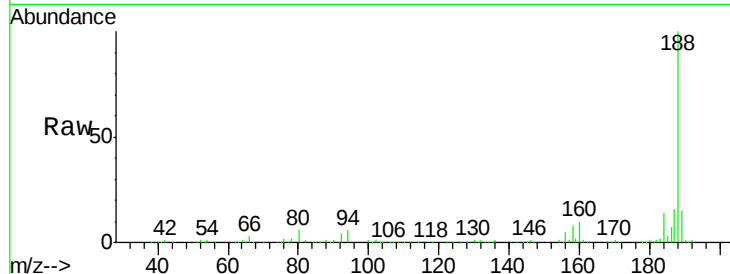




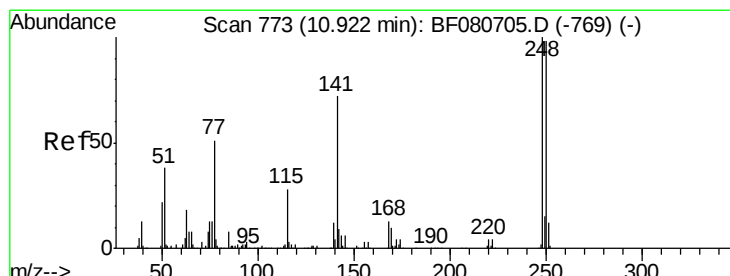
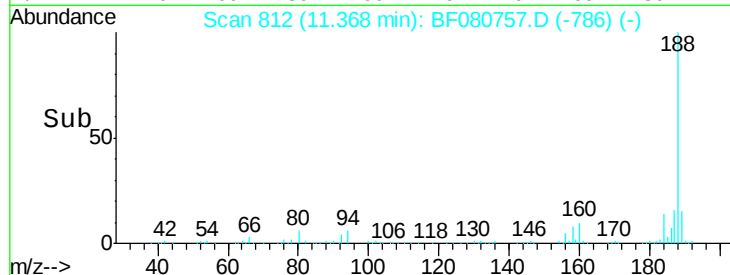
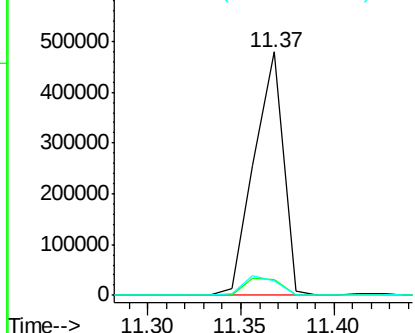
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080757.D
 Acq: 1 Aug 2015 3:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84784TB

Tgt Ion:188 Resp: 520157
 Ion Ratio Lower Upper
 188 100
 94 6.3 8.1 12.1#
 80 6.1 9.1 13.7#

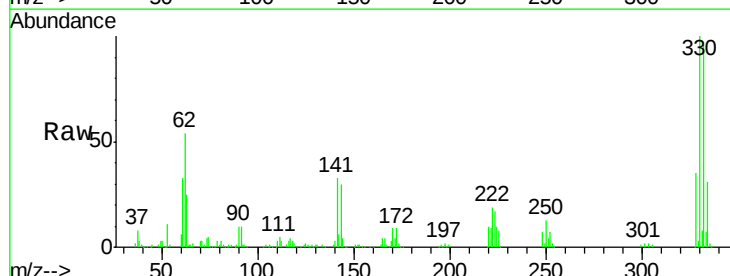


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

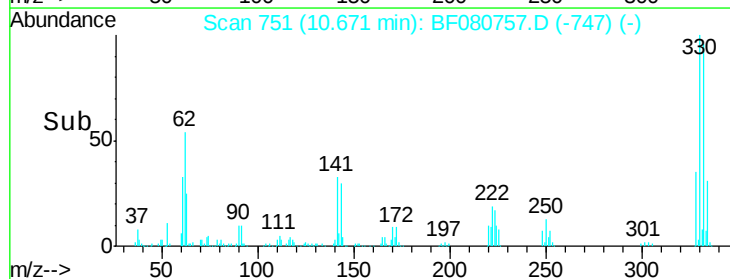
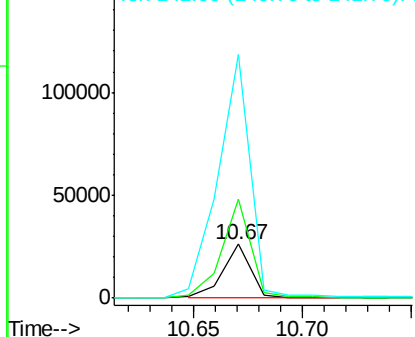


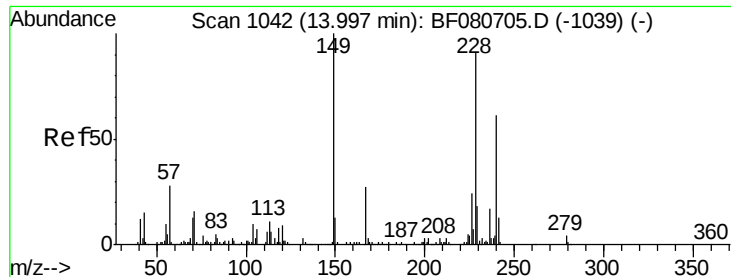
#66
 4-Bromophenyl-phenylether
 Concen: 4.31 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080757.D
 Acq: 1 Aug 2015 3:05

Tgt Ion:248 Resp: 23132
 Ion Ratio Lower Upper
 248 100
 250 182.6 78.4 117.6#
 141 451.1 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: BF080757.D

Acq: 1 Aug 2015 3:05

Instrument :

BNA_F

ClientSampleId :

PB84784TB

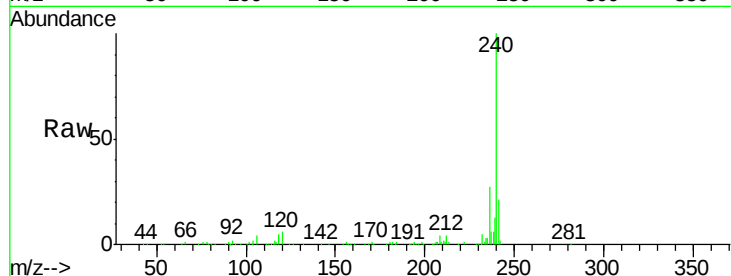
Tgt Ion:240 Resp: 316977

Ion Ratio Lower Upper

240 100

120 5.8 11.8 17.8#

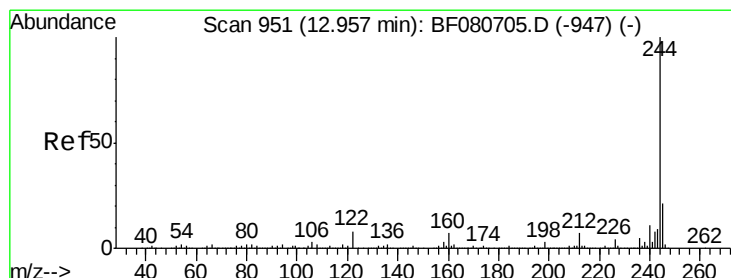
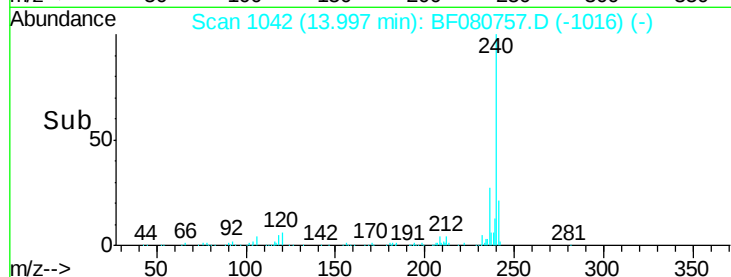
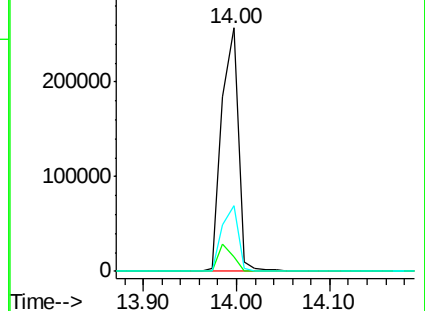
236 27.0 21.8 32.8



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: 83.93 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080757.D

Acq: 1 Aug 2015 3:05

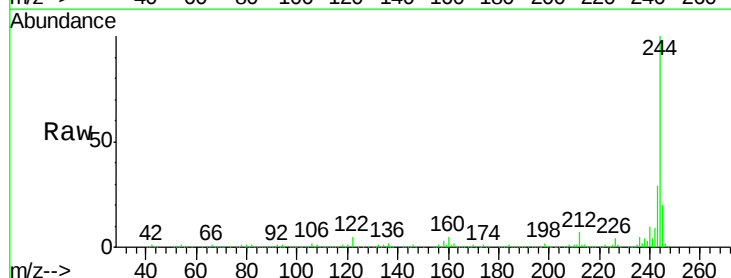
Tgt Ion:244 Resp: 1406734

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

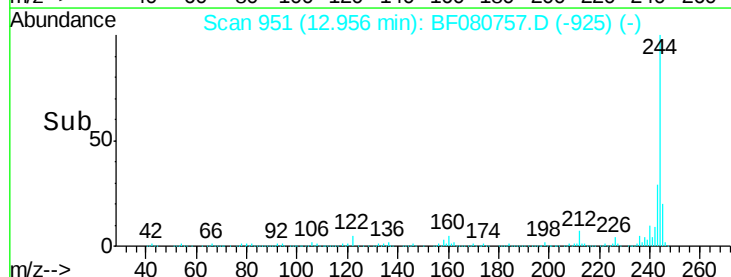
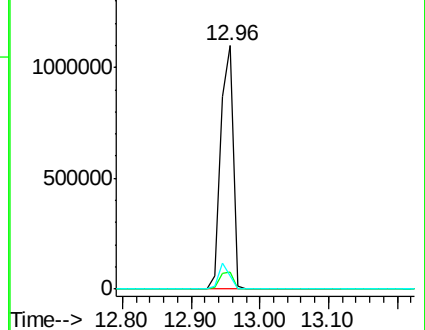
122 5.2 6.6 9.8#

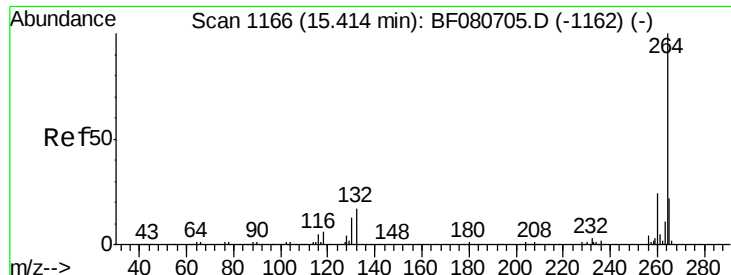


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080757.D
Acq: 1 Aug 2015 3:05

Instrument :
BNA_F
ClientSampleId :
PB84784TB

Tgt Ion: 264 Resp: 270762
Ion Ratio Lower Upper
264 100
260 22.3 19.4 29.0
265 21.8 17.3 25.9

