

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080742.D
 Acq On : 31 Jul 2015 19:20
 Operator : TP/UM
 Sample : PB84792BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BL

Quant Time: Aug 01 01:52:01 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

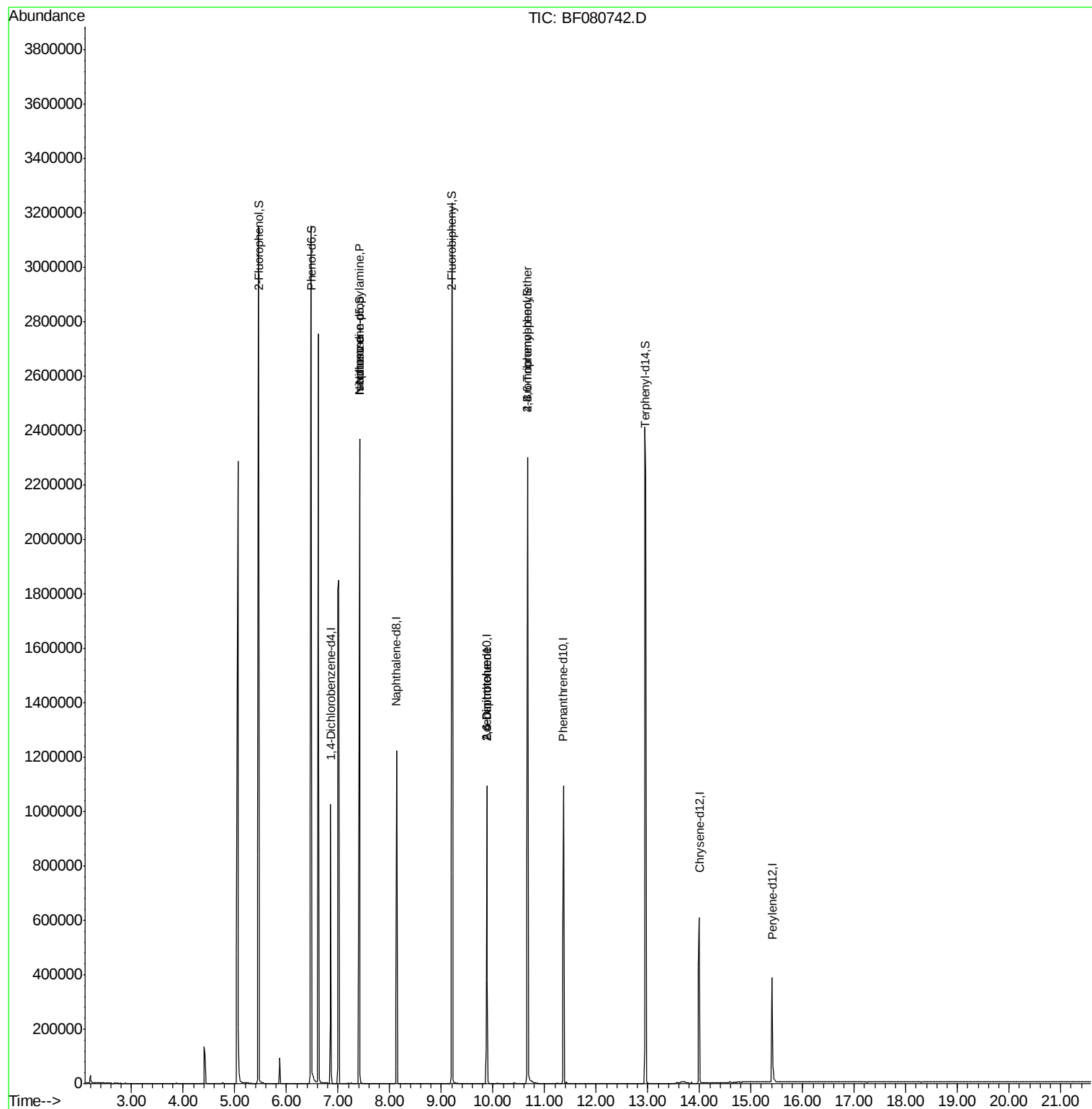
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133103	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	500464	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	228733	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	454398	20.00	ng	0.00
75) Chrysene-d12	14.00	240	282721	20.00	ng	0.00
86) Perylene-d12	15.41	264	244612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	750164	96.68	ng	0.01
7) Phenol-d6	6.48	99	977456	92.54	ng	-0.01
23) Nitrobenzene-d5	7.41	82	795180	76.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	266951	112.47	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1210387	78.95	ng	-0.01
78) Terphenyl-d14	12.96	244	1129750	75.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	1388	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	106944	15.03	ng	# 76
25) Isophorone	7.41	82	783788	42.65	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	28586	8.36	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	28580	6.37	ng	# 17
60) 4-Chlorophenyl-phenylether	10.43	204	221	Below Cal	#	21
66) 4-Bromophenyl-phenylether	10.67	248	17528	3.74	ng	# 1

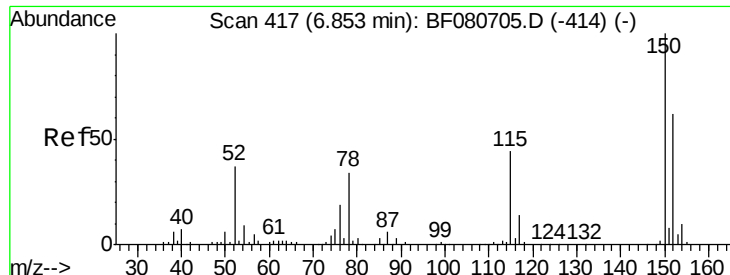
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 34 Sample Multiplier: 1

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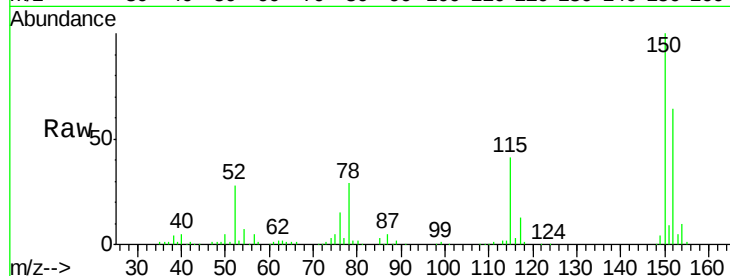




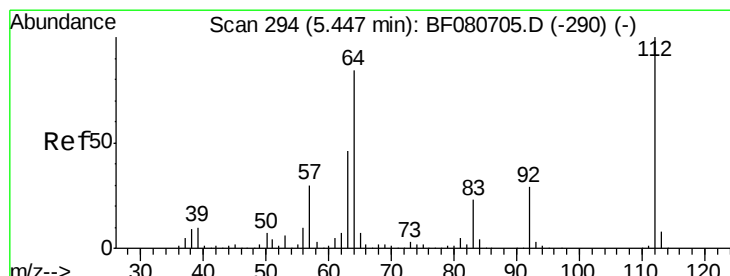
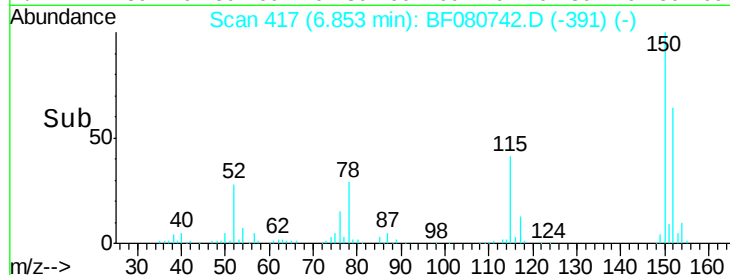
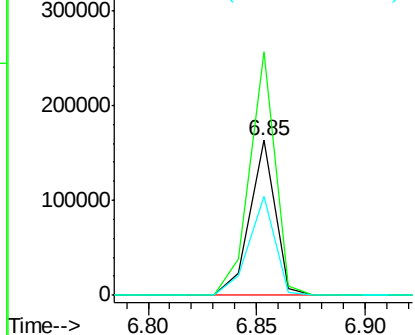
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080742.D
 Acq: 31 Jul 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BL

Tgt Ion:152 Resp: 133103
 Ion Ratio Lower Upper
 152 100
 150 157.2 129.6 194.4
 115 64.3 56.6 85.0

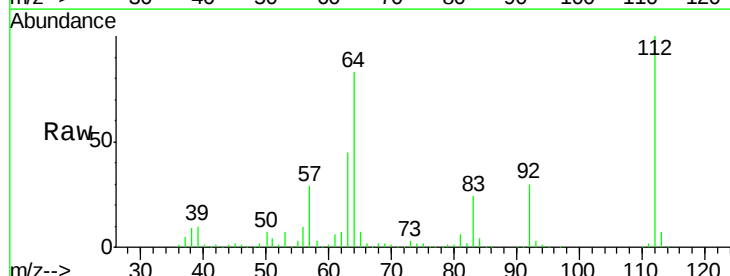


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

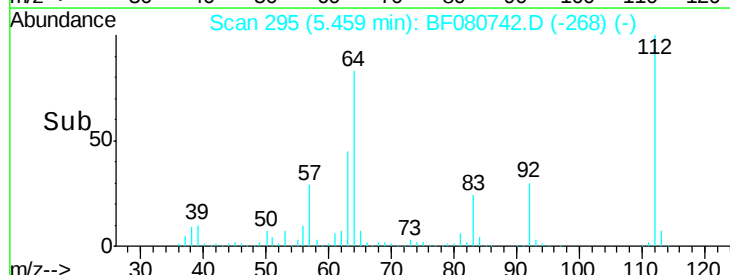
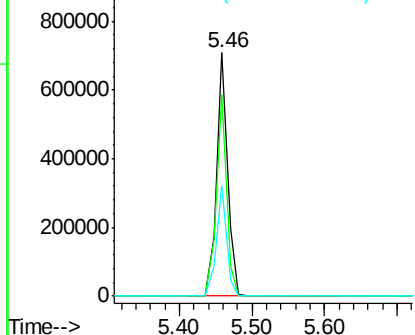


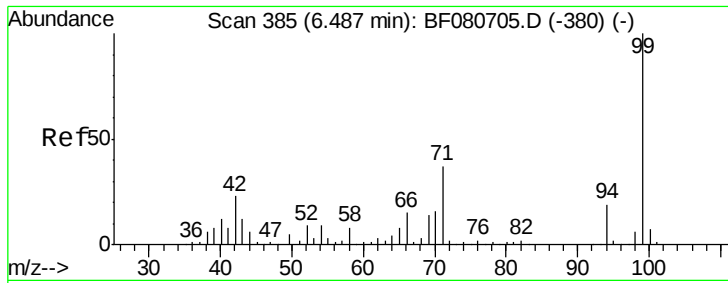
#5
 2-Fluorophenol
 Concen: 96.68 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF080742.D
 Acq: 31 Jul 2015 19:20

Tgt Ion:112 Resp: 750164
 Ion Ratio Lower Upper
 112 100
 64 82.9 66.8 100.2
 63 45.4 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: 92.54 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080742.D

Acq: 31 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

PB84792BL

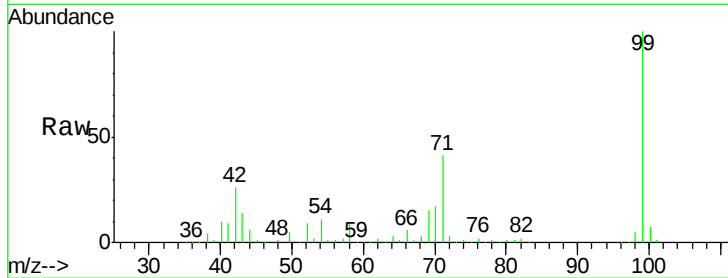
Tgt Ion: 99 Resp: 977456

Ion Ratio Lower Upper

99 100

42 26.3 18.2 27.2

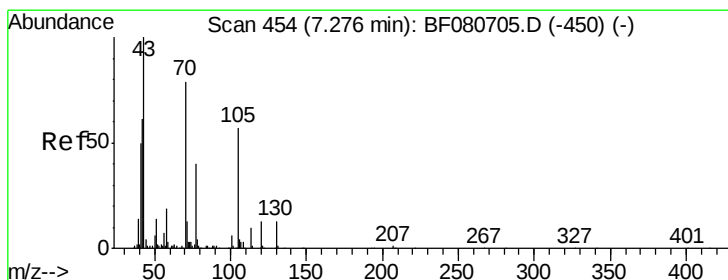
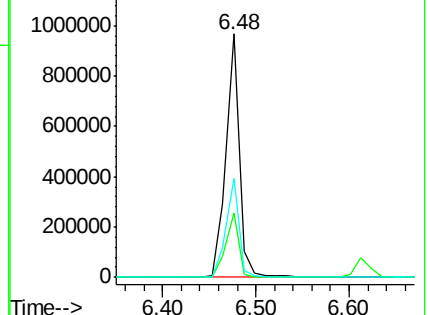
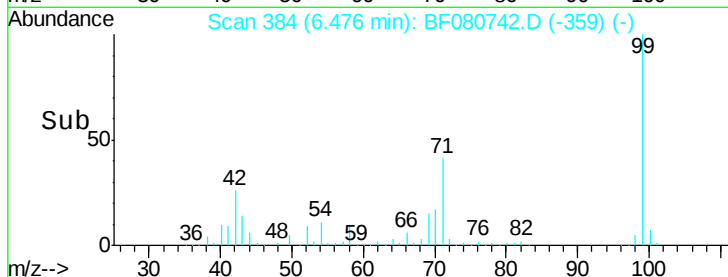
71 40.8 29.5 44.3



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: 15.03 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080742.D

Acq: 31 Jul 2015 19:20

Tgt Ion: 70 Resp: 106944

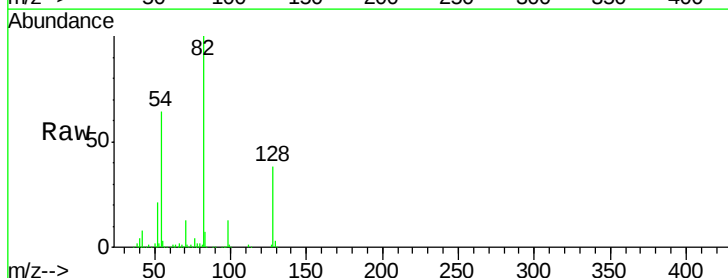
Ion Ratio Lower Upper

70 100

42 57.8 61.8 92.6#

101 0.0 6.1 9.1#

130 2.3 12.9 19.3#

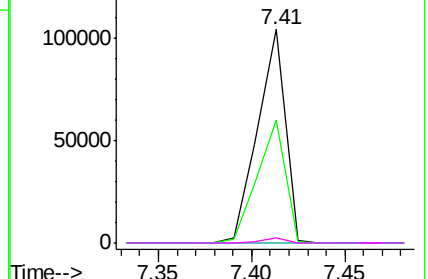
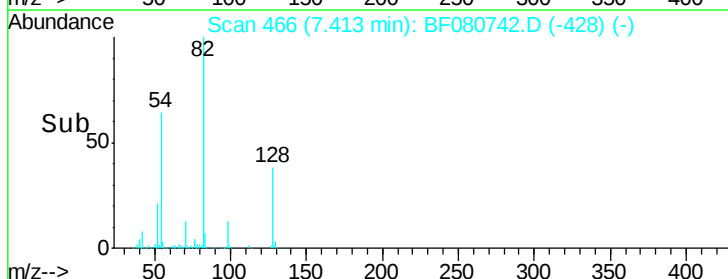


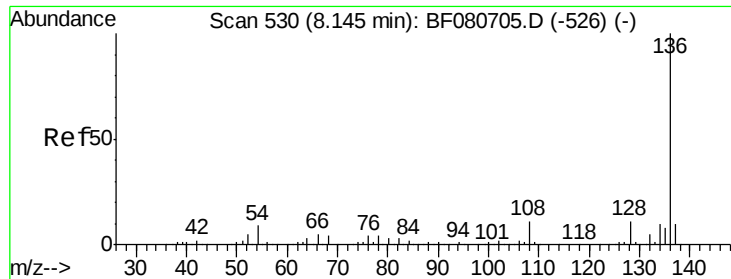
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

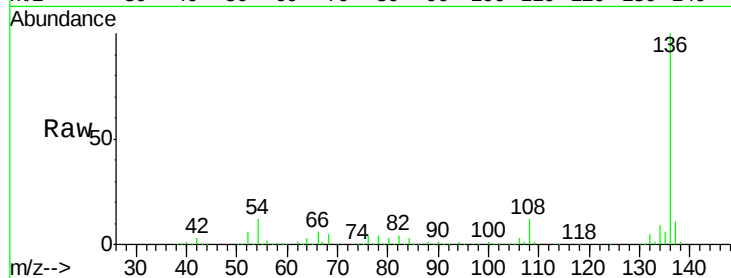




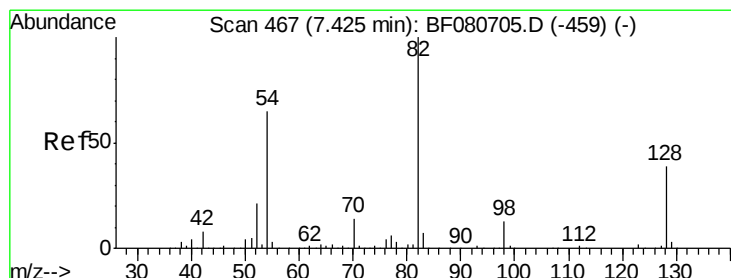
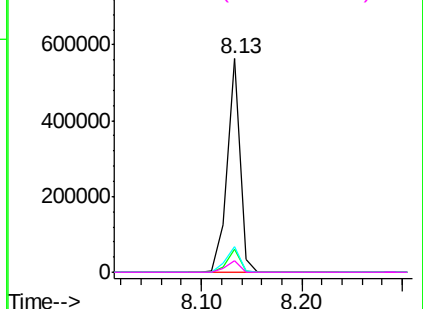
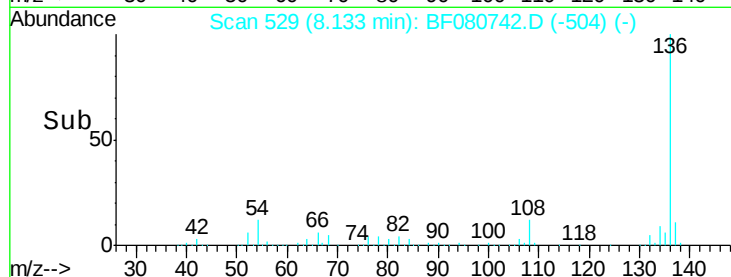
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080742.D
Acq: 31 Jul 2015 19:20

Instrument :
BNA_F
ClientSampleId :
PB84792BL

Tgt Ion:	136	Resp:	500464
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	11.9	6.9	10.3#
68	5.4	3.5	5.3#

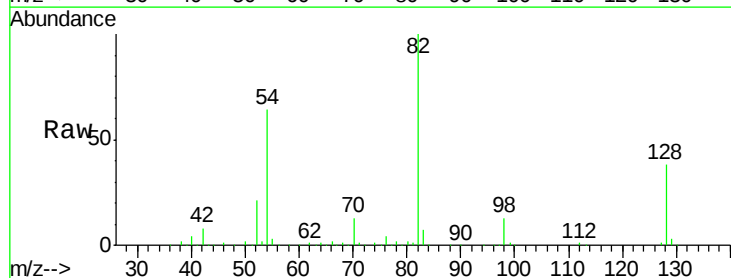


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

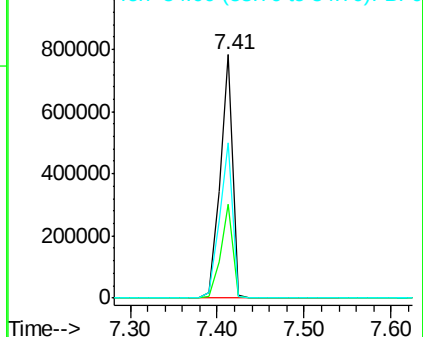
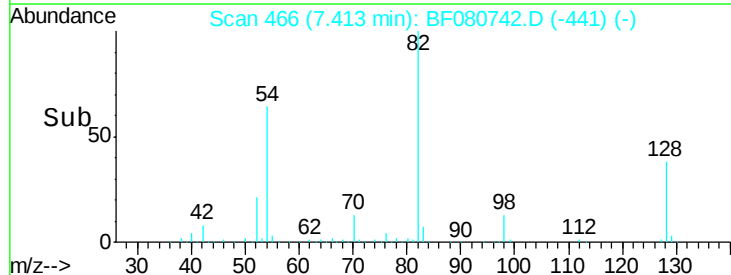


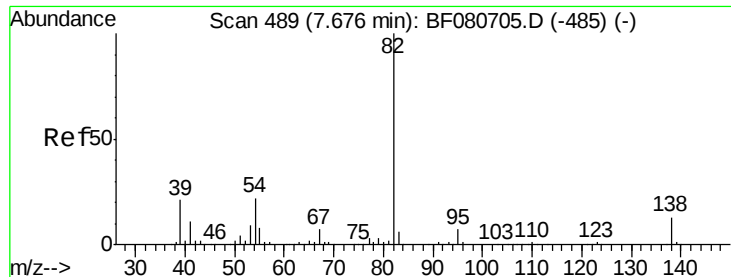
#23
Nitrobenzene-d5
Concen: 76.94 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080742.D
Acq: 31 Jul 2015 19:20

Tgt Ion:	82	Resp:	795180
Ion	Ratio	Lower	Upper
82	100		
128	38.3	31.5	47.3
54	63.7	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: 42.65 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080742.D

Acq: 31 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

PB84792BL

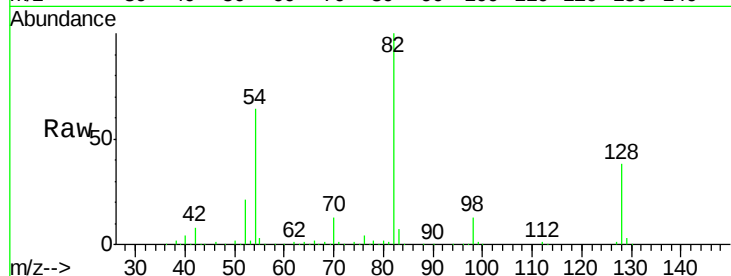
Tgt Ion: 82 Resp: 783788

Ion Ratio Lower Upper

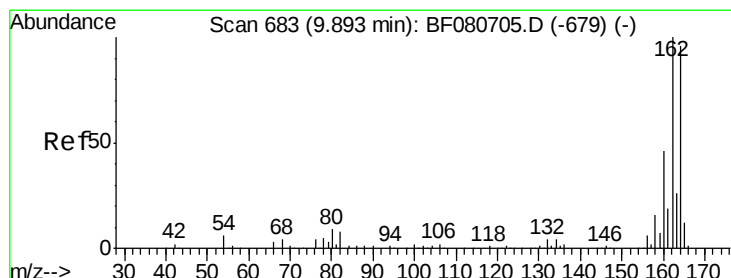
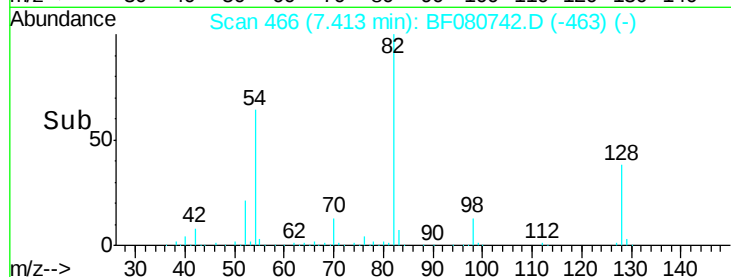
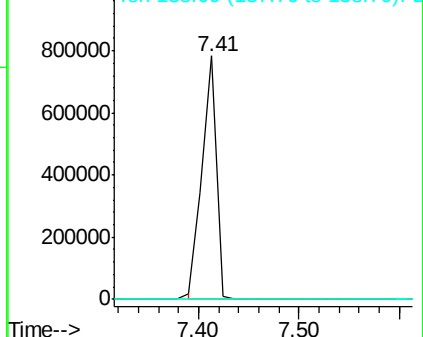
82 100

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: BF080742.D

Acq: 31 Jul 2015 19:20

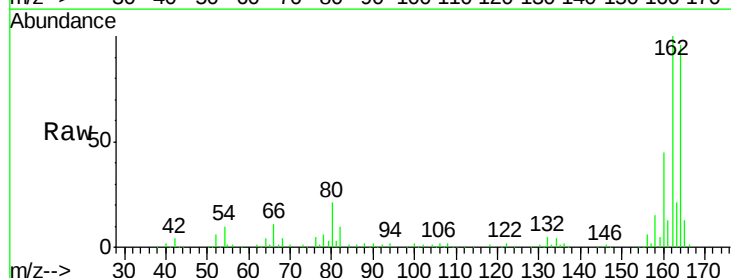
Tgt Ion: 164 Resp: 228733

Ion Ratio Lower Upper

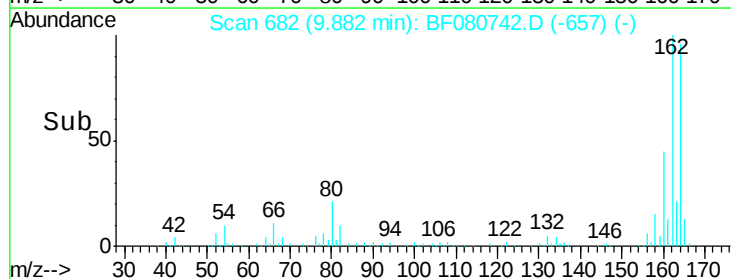
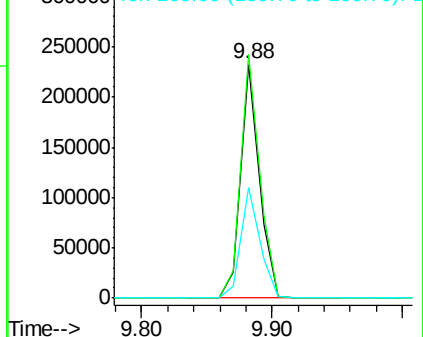
164 100

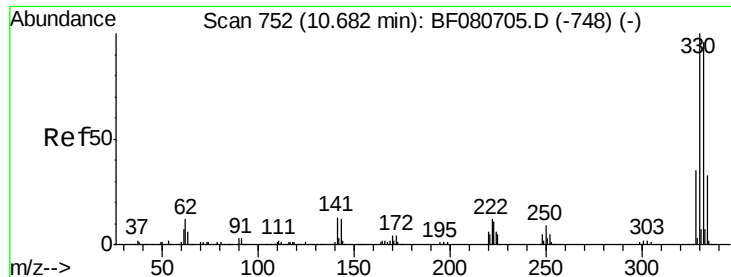
162 104.2 83.4 125.0

160 47.3 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

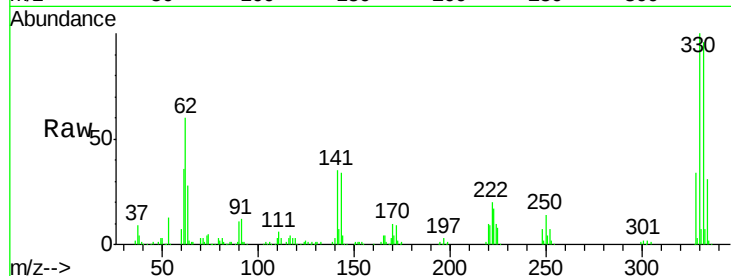




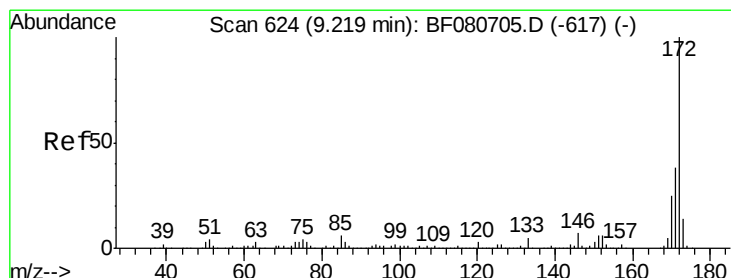
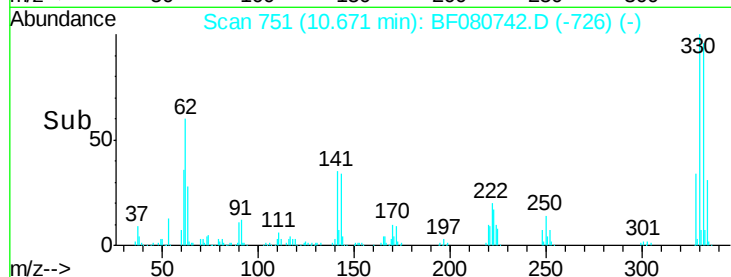
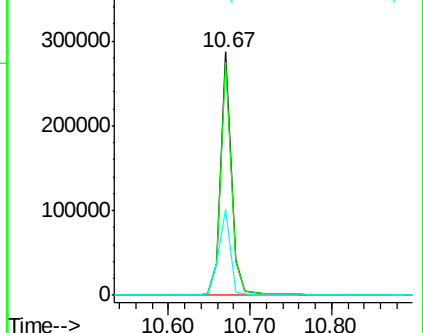
#41
 2,4,6-Tribromophenol
 Concen: 112.47 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080742.D
 Acq: 31 Jul 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	39.3	26.0	39.0

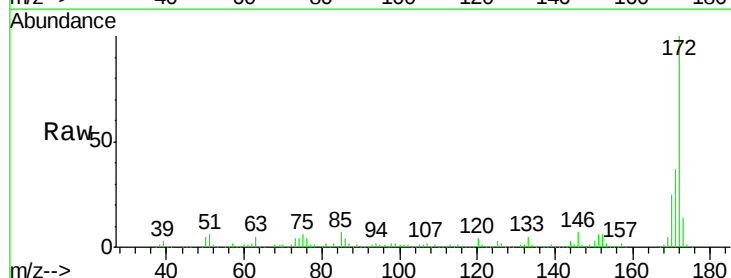


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

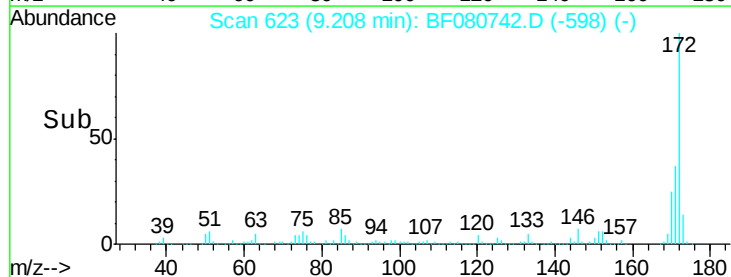
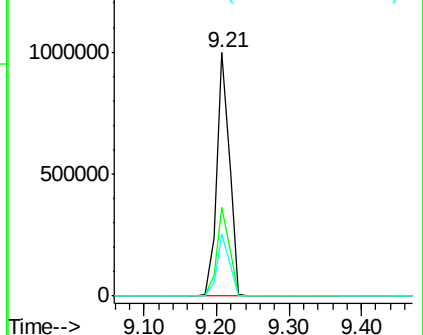


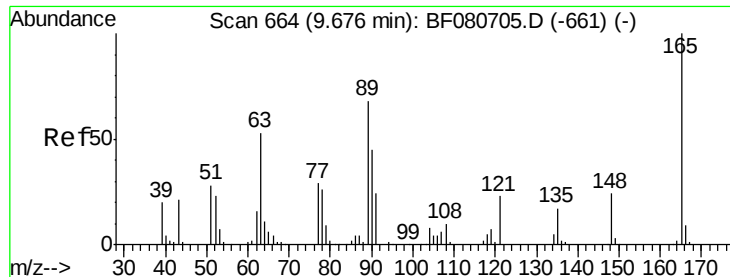
#44
 2-Fluorobiphenyl
 Concen: 78.95 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080742.D
 Acq: 31 Jul 2015 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.2	45.4
170	25.2	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

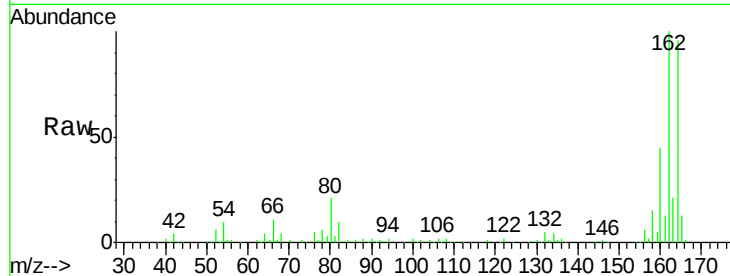




#50
 2,6-Dinitrotoluene
 Concen: 8.36 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080742.D
 Acq: 31 Jul 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BL

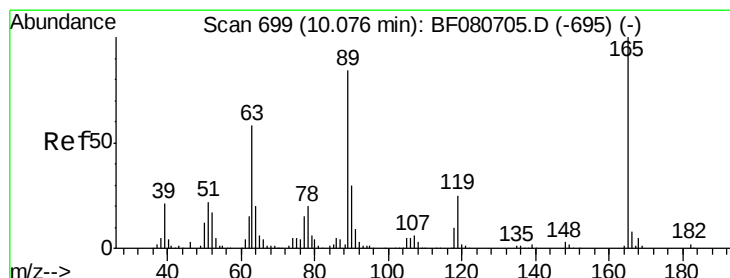
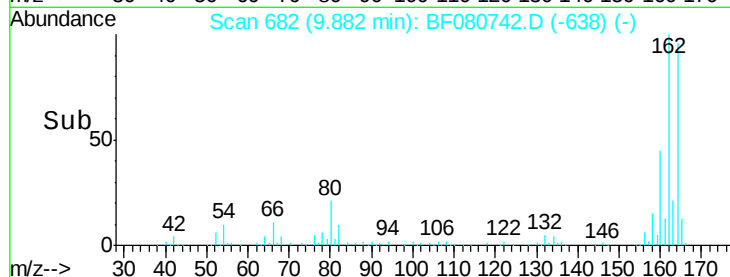
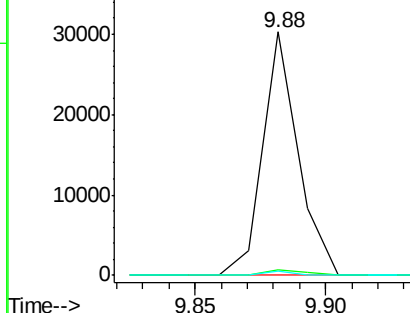
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	62.3	93.5#
89	1.7	54.8	82.2#



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: 6.37 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080742.D
 Acq: 31 Jul 2015 19:20

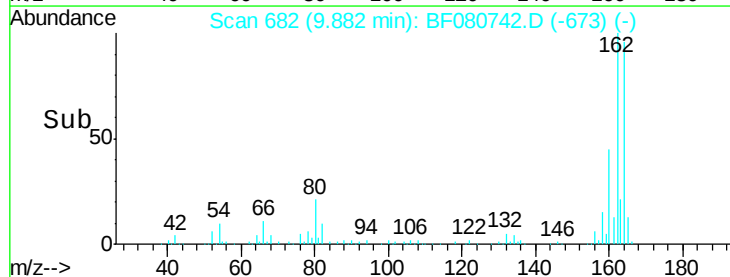
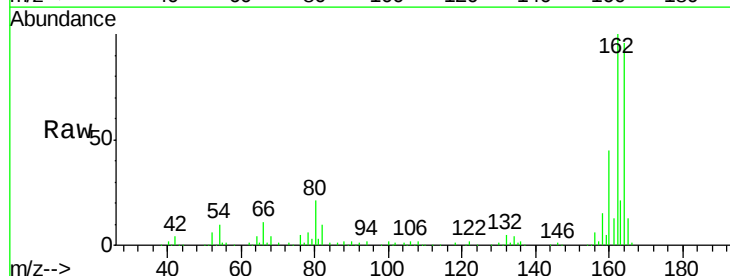
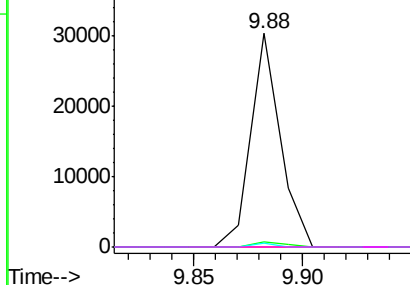
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	46.7	70.1#
89	1.7	67.4	101.2#
182	0.0	1.8	2.6#

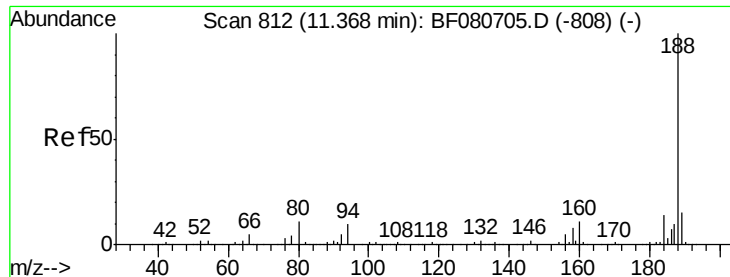
Abundance Ion 165.00 (164.70 to 165.70): E

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

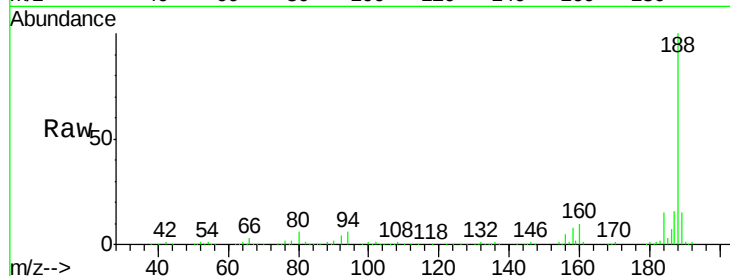




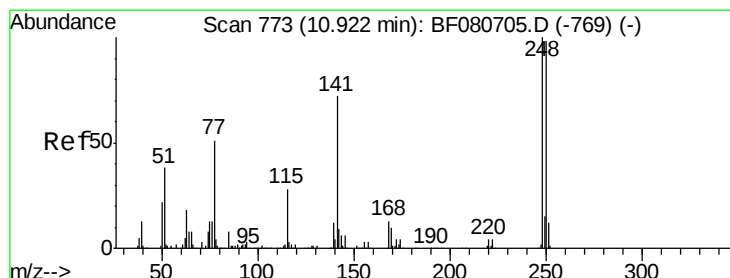
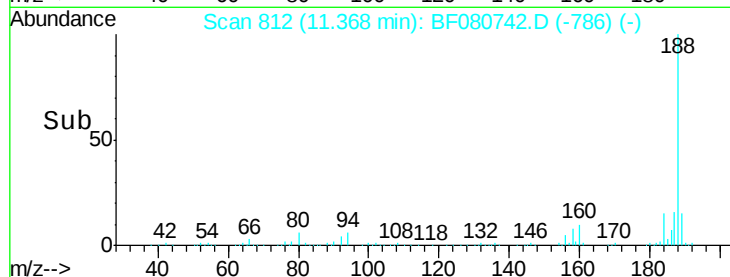
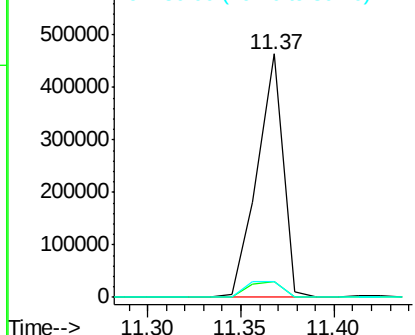
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF080742.D
 Acq: 31 Jul 2015 19:20

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BL

Tgt Ion:188 Resp: 454398
 Ion Ratio Lower Upper
 188 100
 94 6.4 8.1 12.1#
 80 6.4 9.1 13.7#

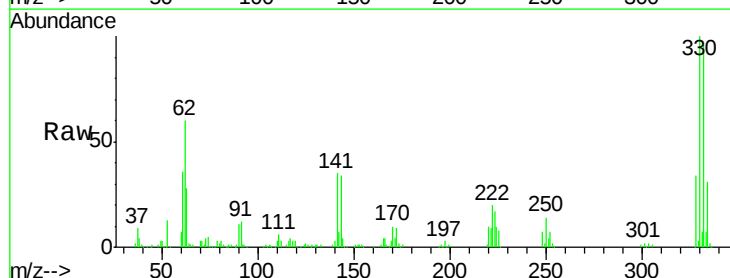


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

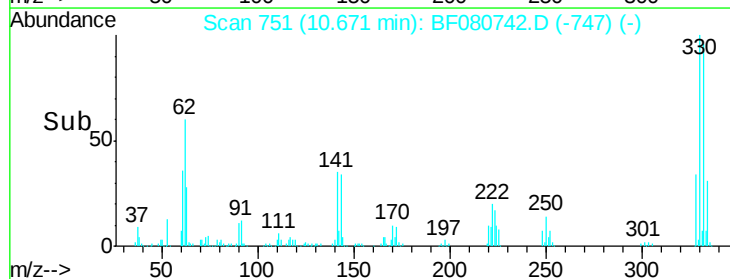
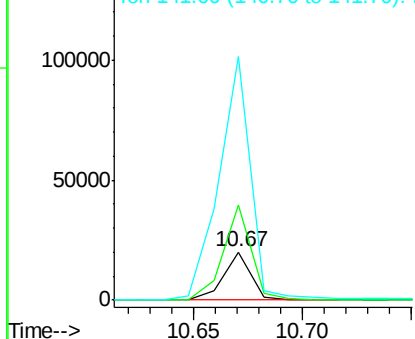


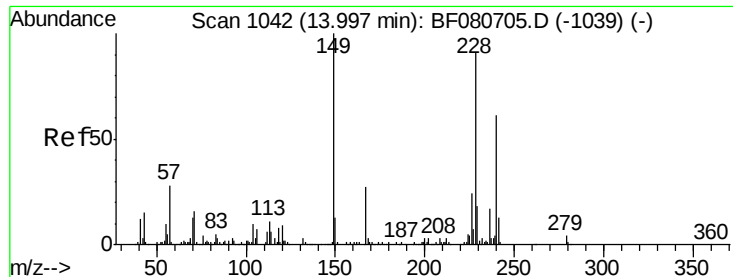
#66
 4-Bromophenyl-phenylether
 Concen: 3.74 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080742.D
 Acq: 31 Jul 2015 19:20

Tgt Ion:248 Resp: 17528
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.4 117.6#
 141 505.8 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: BF080742.D

Acq: 31 Jul 2015 19:20

Instrument :

BNA_F

ClientSampleId :

PB84792BL

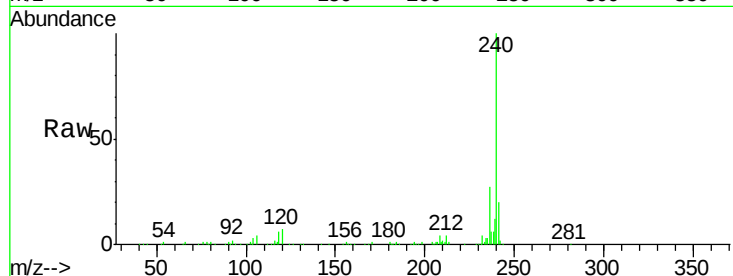
Tgt Ion:240 Resp: 282721

Ion Ratio Lower Upper

240 100

120 6.7 11.8 17.8#

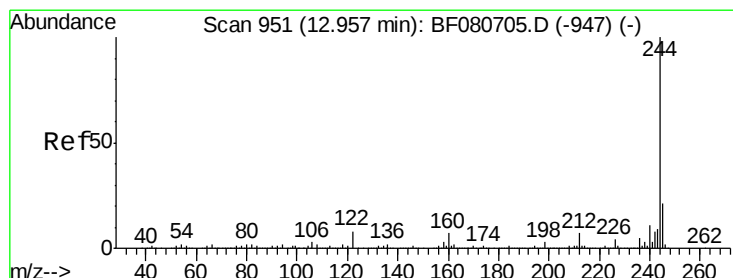
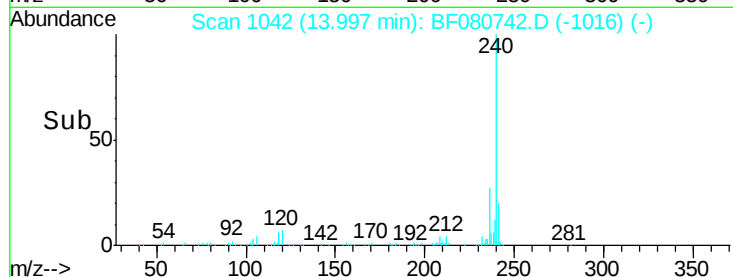
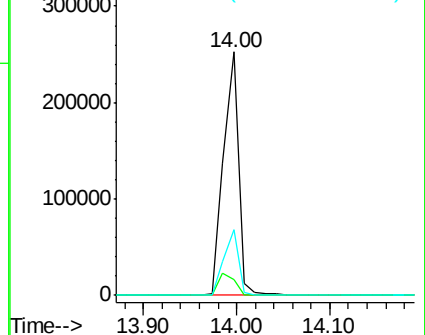
236 26.8 21.8 32.8



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: 75.58 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080742.D

Acq: 31 Jul 2015 19:20

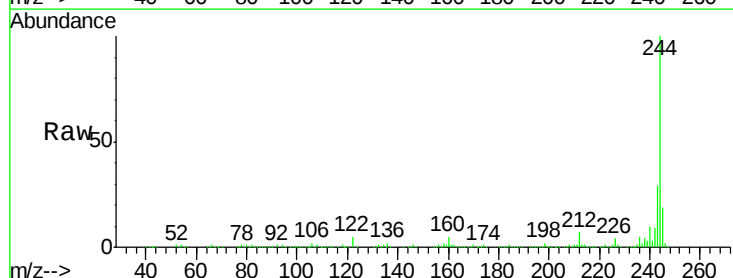
Tgt Ion:244 Resp: 1129750

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

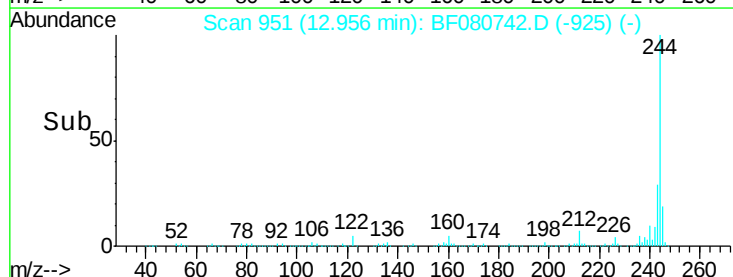
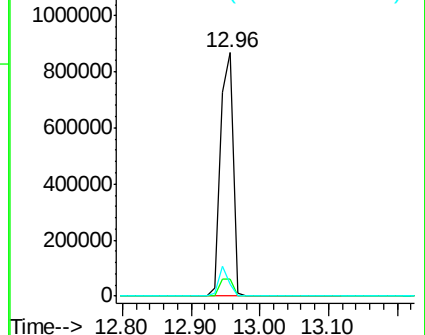
122 4.8 6.6 9.8#

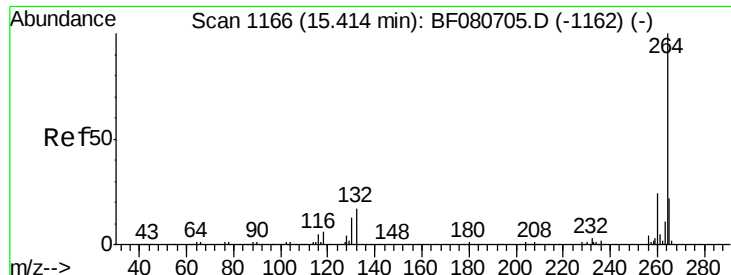


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

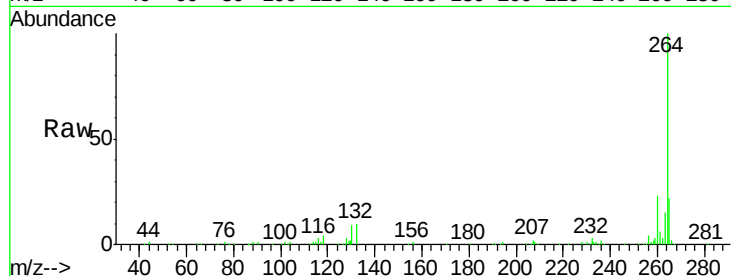




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080742.D
Acq: 31 Jul 2015 19:20

Instrument :
BNA_F
ClientSampleId :
PB84792BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	22.0	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

