

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080735.D
 Acq On : 31 Jul 2015 15:39
 Operator : TP/UM
 Sample : PB84765BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BL

Quant Time: Aug 01 00:20:48 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

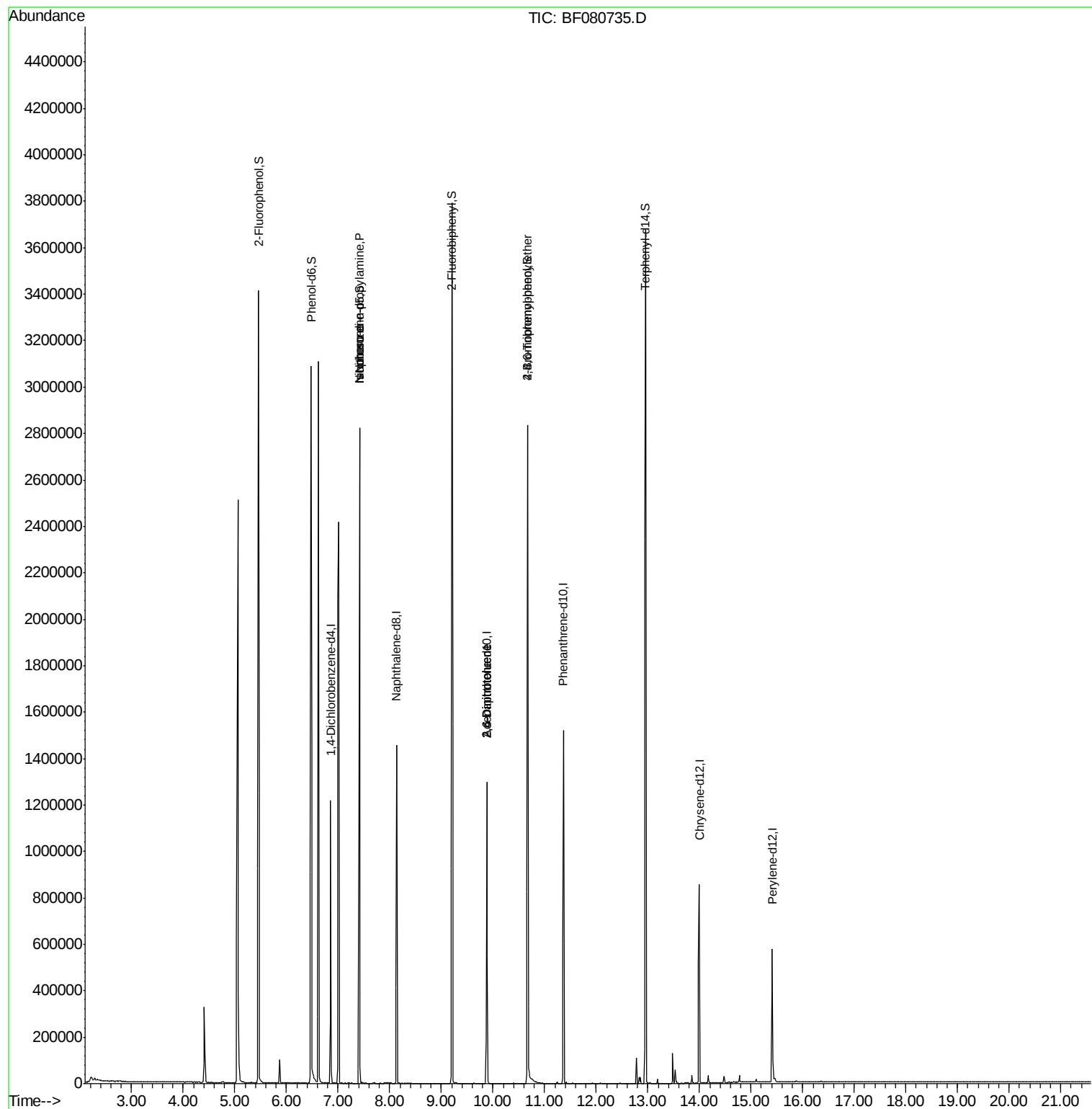
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	159685	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	607379	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	284148	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	604250	20.00	ng	0.00
75) Chrysene-d12	14.00	240	370483	20.00	ng	0.00
86) Perylene-d12	15.41	264	315559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	960153	103.15	ng	0.01
7) Phenol-d6	6.48	99	1280238	101.02	ng	-0.01
23) Nitrobenzene-d5	7.41	82	902862	71.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	330497	112.09	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1439158	75.56	ng	-0.01
78) Terphenyl-d14	12.96	244	1432429	73.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	1706	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	130150	15.25	ng	# 73
25) Isophorone	7.41	82	889348	39.87	ng	# 71
50) 2,6-Dinitrotoluene	9.88	165	37118	8.73	ng	# 15
56) 2,4-Dinitrotoluene	9.88	165	37122	6.66	ng	# 16
66) 4-Bromophenyl-phenylether	10.67	248	20541	3.29	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: BF080735.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84765BL

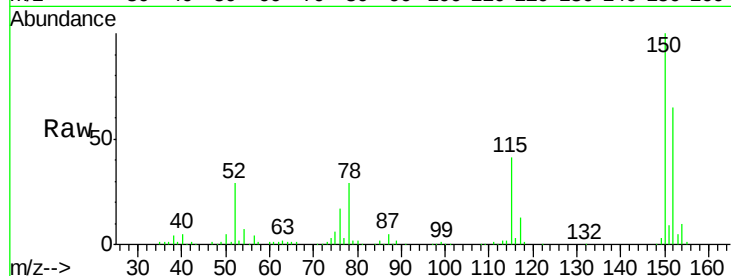
Tgt Ion:152 Resp: 159685

Ion Ratio Lower Upper

152 100

150 154.6 129.6 194.4

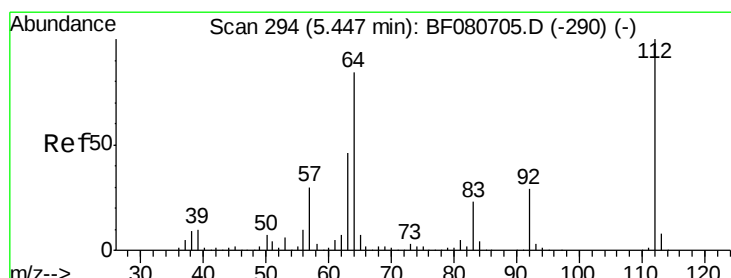
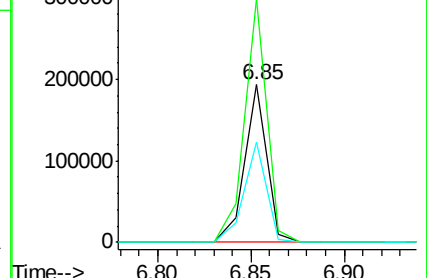
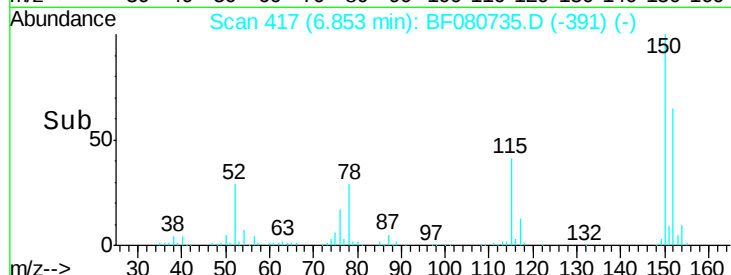
115 64.0 56.6 85.0



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: 103.15 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

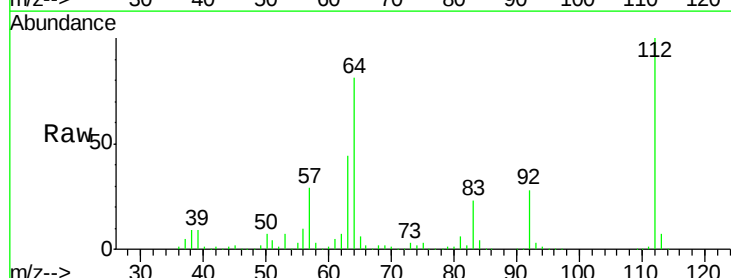
Tgt Ion:112 Resp: 960153

Ion Ratio Lower Upper

112 100

64 81.4 66.8 100.2

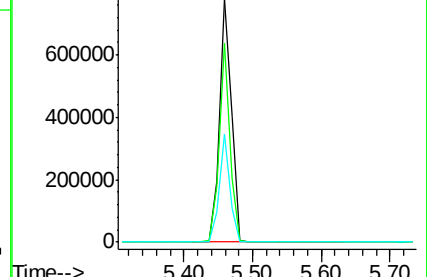
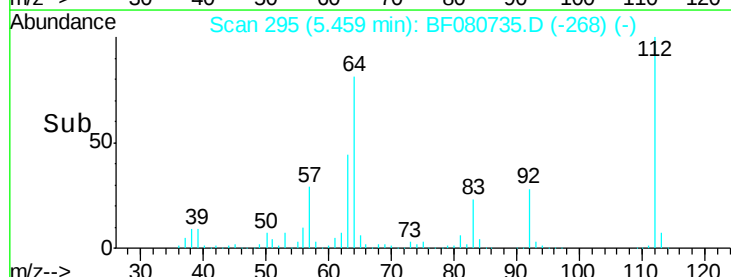
63 44.3 36.7 55.1

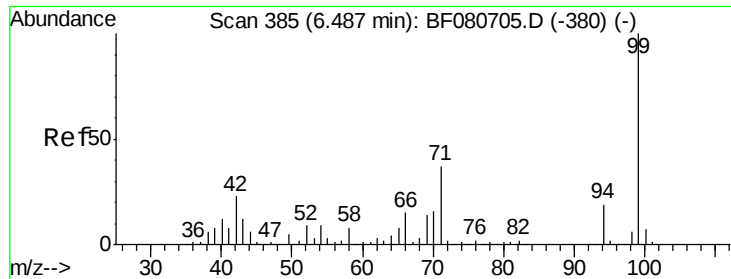


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.02 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84765BL

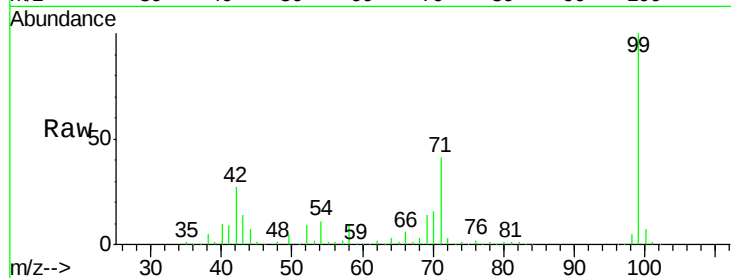
Tgt Ion: 99 Resp: 1280238

Ion Ratio Lower Upper

99 100

42 26.9 18.2 27.2

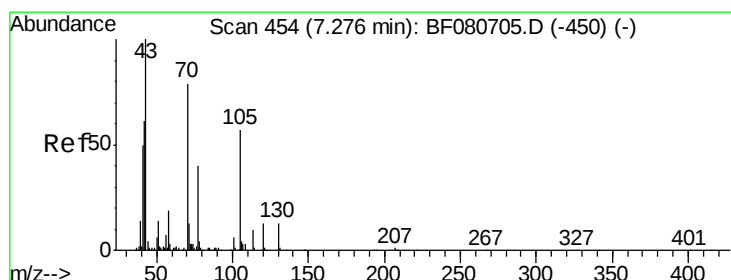
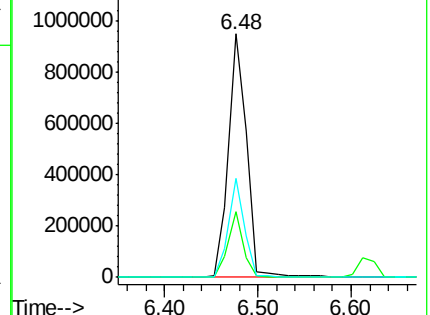
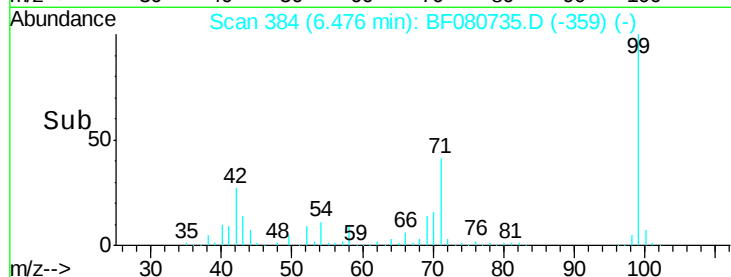
71 40.8 29.5 44.3



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: 15.25 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

Tgt Ion: 70 Resp: 130150

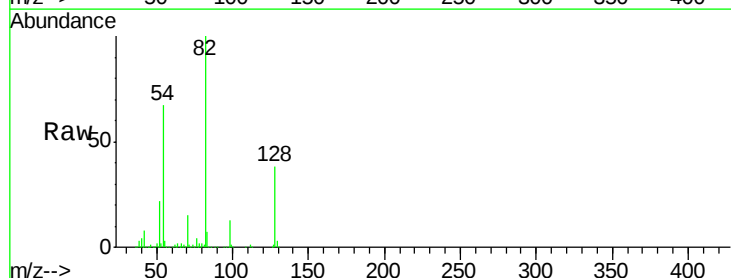
Ion Ratio Lower Upper

70 100

42 55.0 61.8 92.6#

101 0.0 6.1 9.1#

130 1.7 12.9 19.3#

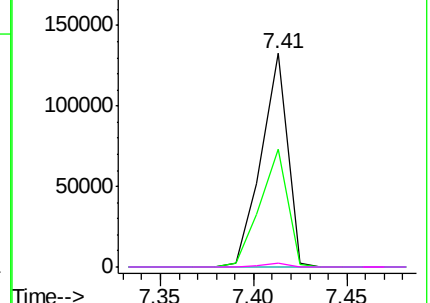
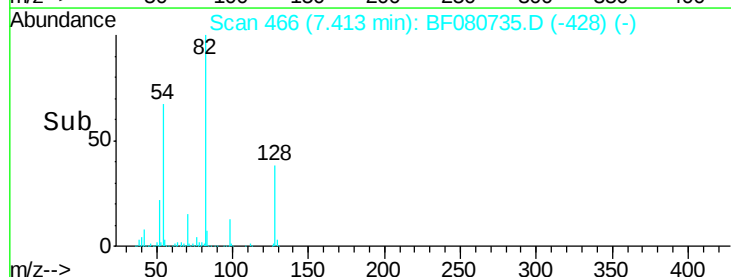


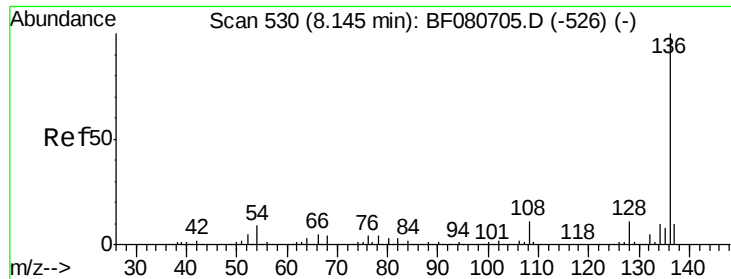
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

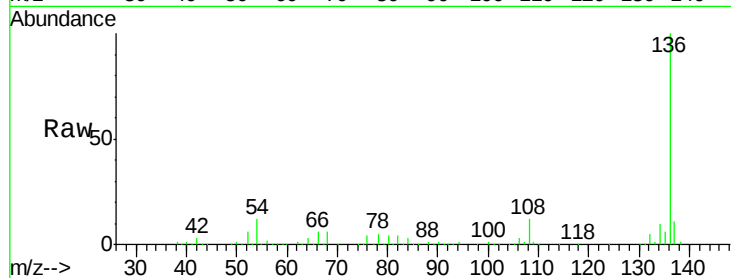




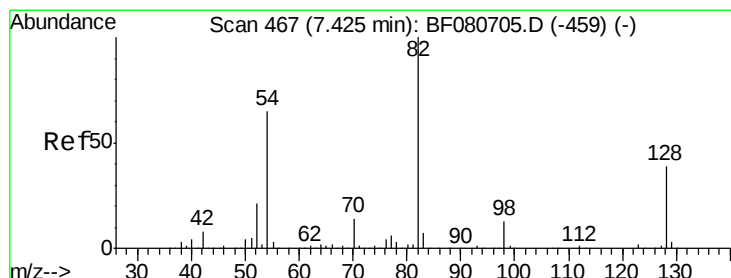
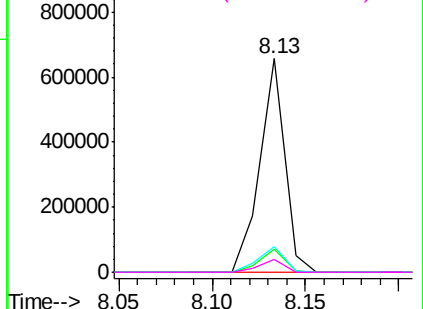
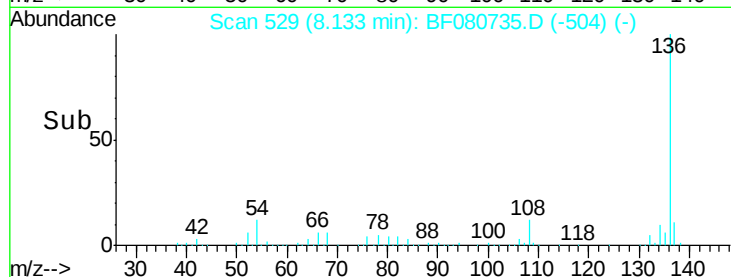
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080735.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_F
ClientSampleId :
PB84765BL

Tgt Ion:	136	Resp:	607379
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	12.2	6.9	10.3#
68	6.0	3.5	5.3#

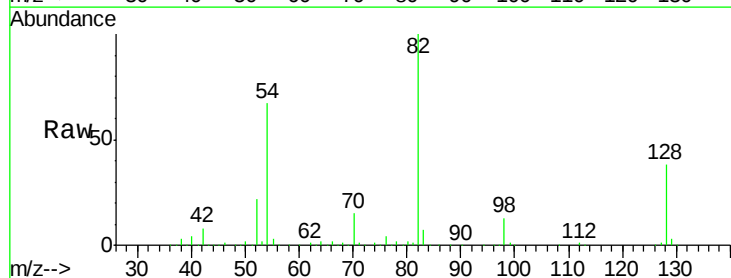


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

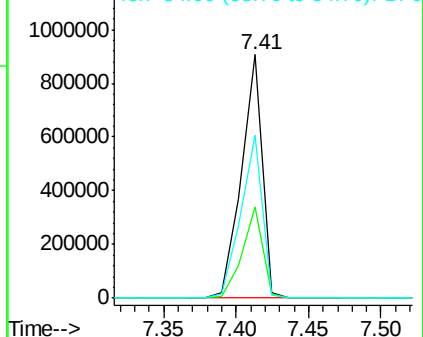
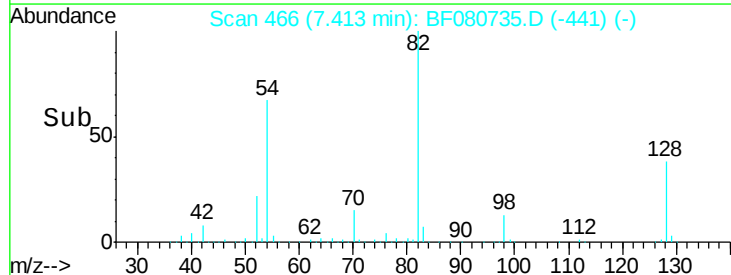


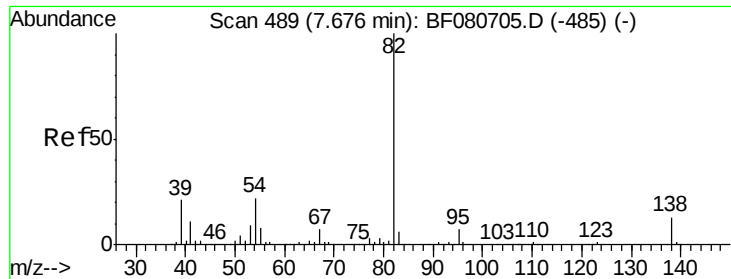
#23
Nitrobenzene-d5
Concen: 71.98 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080735.D
Acq: 31 Jul 2015 15:39

Tgt Ion:	82	Resp:	902862
Ion	Ratio	Lower	Upper
82	100		
128	37.7	31.5	47.3
54	67.2	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: 39.87 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84765BL

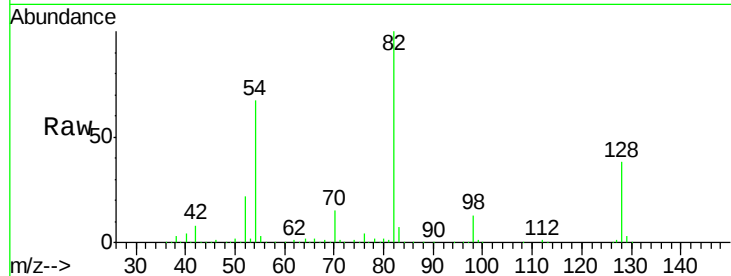
Tgt Ion: 82 Resp: 889348

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

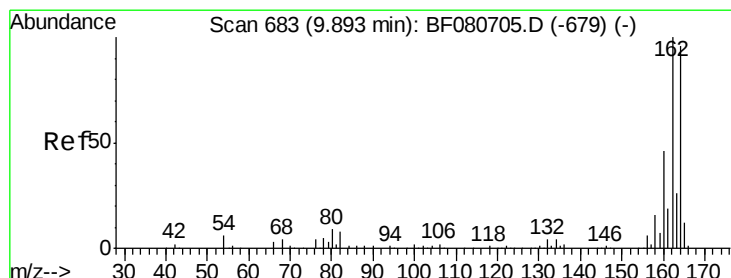
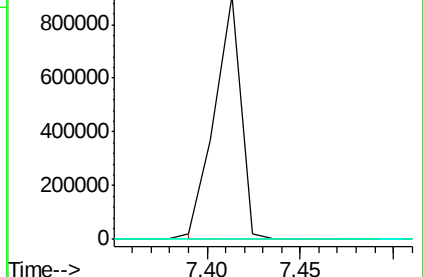
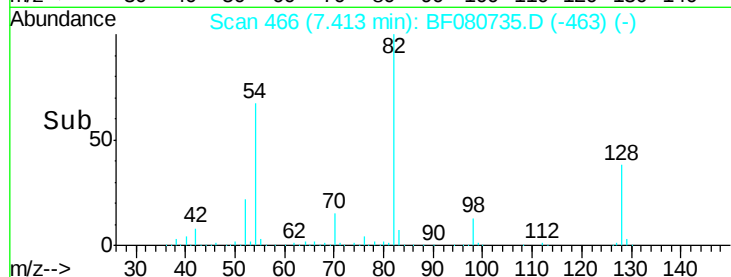
138 0.0 10.7 16.1#



Abundance Ion 82.00 (81.70 to 82.70): BF080735.D (-466) (-)

Ion 95.00 (94.70 to 95.70): BF080735.D (-466) (-)

Ion 138.00 (137.70 to 138.70): BF080735.D (-466) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

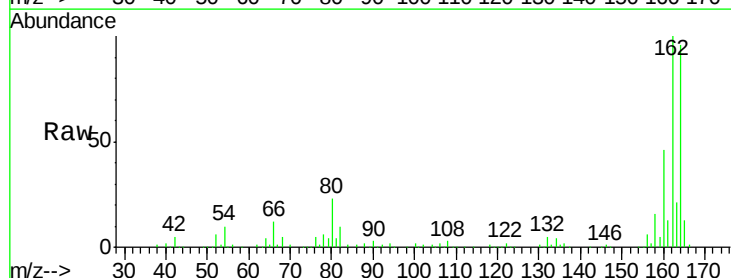
Tgt Ion: 164 Resp: 284148

Ion Ratio Lower Upper

164 100

162 104.6 83.4 125.0

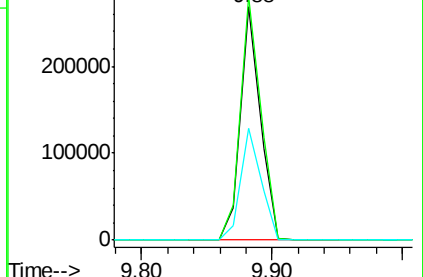
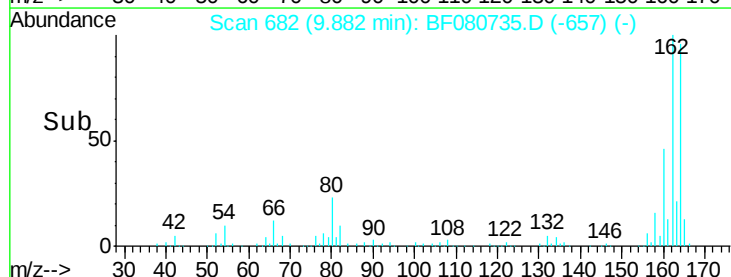
160 48.2 38.0 57.0

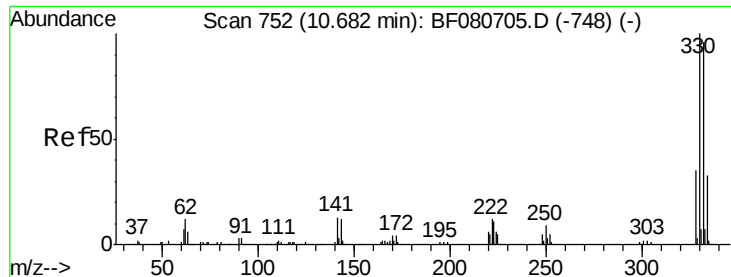


Abundance Ion 164.00 (163.70 to 164.70): BF080735.D (-657) (-)

Ion 162.00 (161.70 to 162.70): BF080735.D (-657) (-)

Ion 160.00 (159.70 to 160.70): BF080735.D (-657) (-)

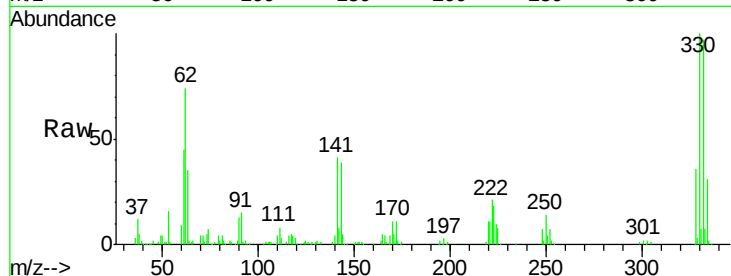




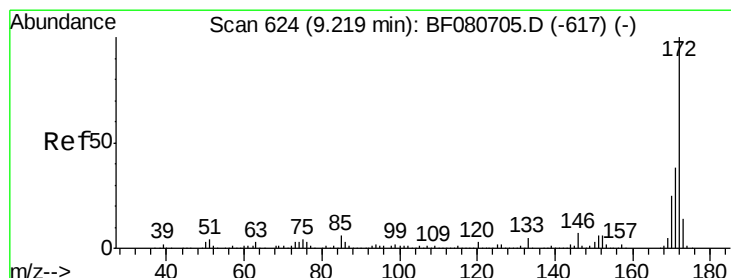
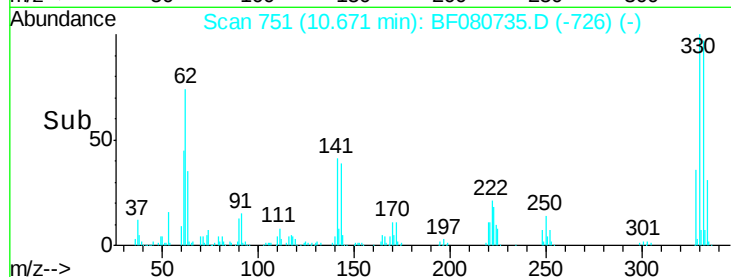
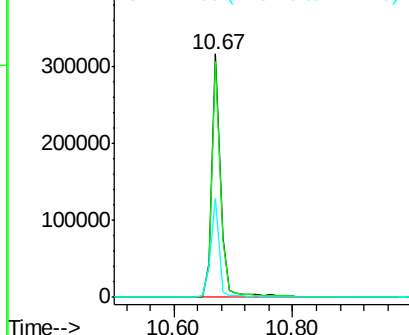
#41
 2,4,6-Tribromophenol
 Concen: 112.09 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF080735.D
 Acq: 31 Jul 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BL

Tgt Ion:330 Resp: 330497
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 40.0 26.0 39.0#

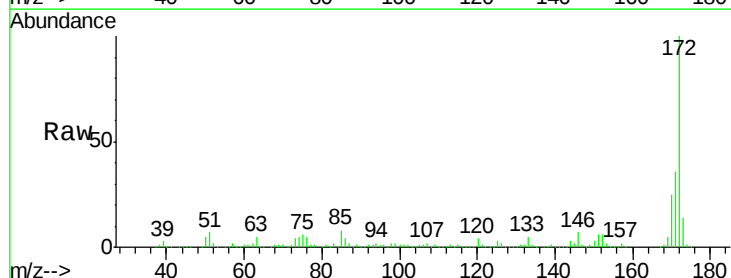


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

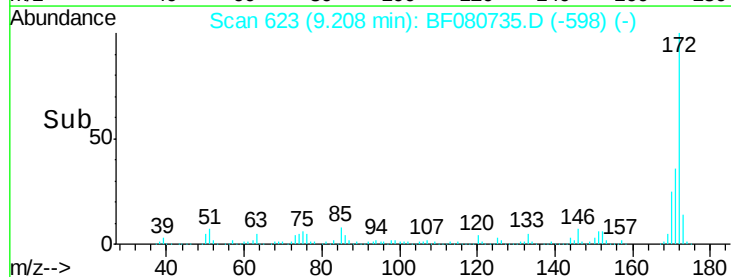
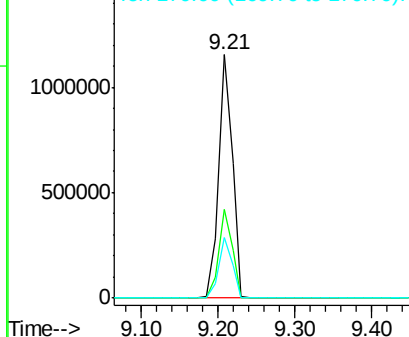


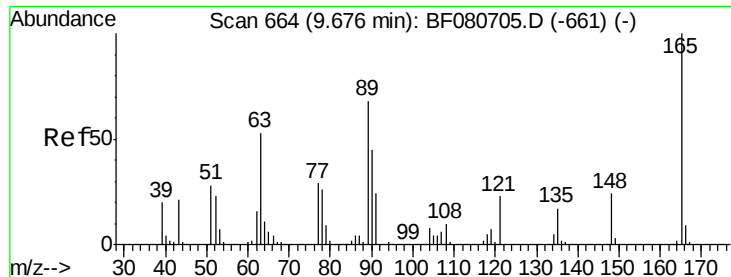
#44
 2-Fluorobiphenyl
 Concen: 75.56 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF080735.D
 Acq: 31 Jul 2015 15:39

Tgt Ion:172 Resp: 1439158
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.2 45.4
 170 25.0 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

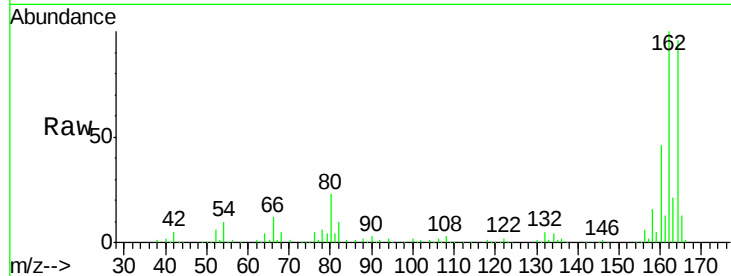




#50
 2,6-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.21 min
 Lab File: BF080735.D
 Acq: 31 Jul 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84765BL

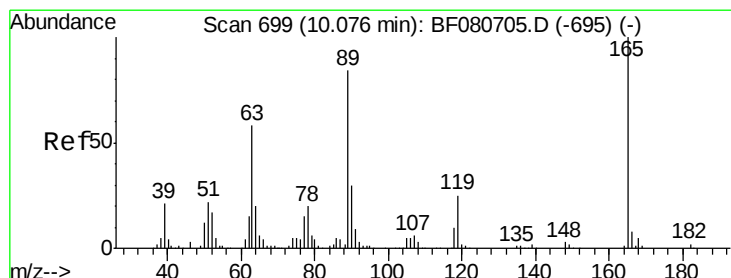
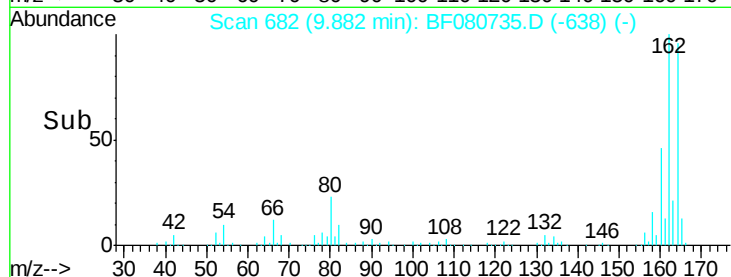
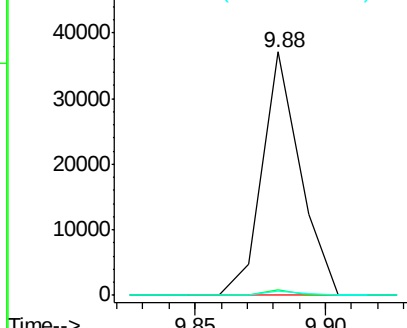
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	62.3	93.5#
89	1.5	54.8	82.2#



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: 6.66 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080735.D
 Acq: 31 Jul 2015 15:39

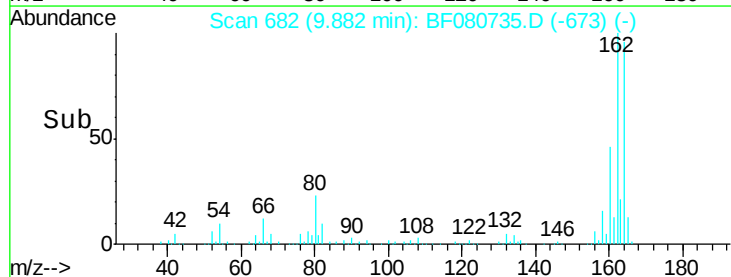
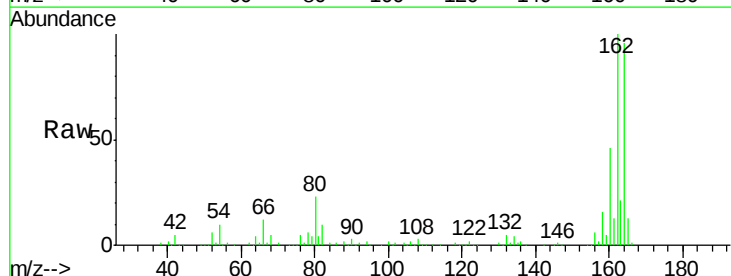
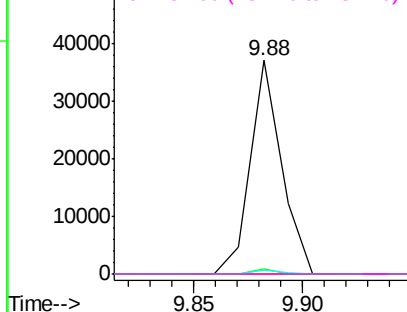
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	46.7	70.1#
89	1.5	67.4	101.2#
182	0.0	1.8	2.6#

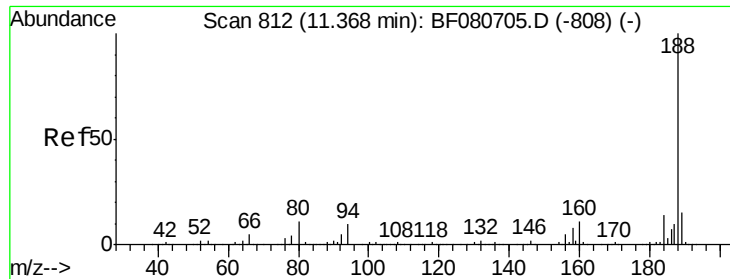
Abundance Ion 165.00 (164.70 to 165.70): E

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

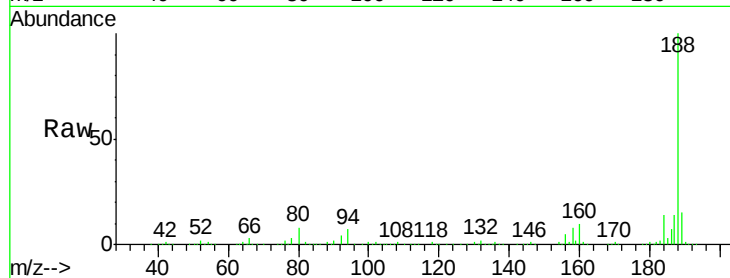




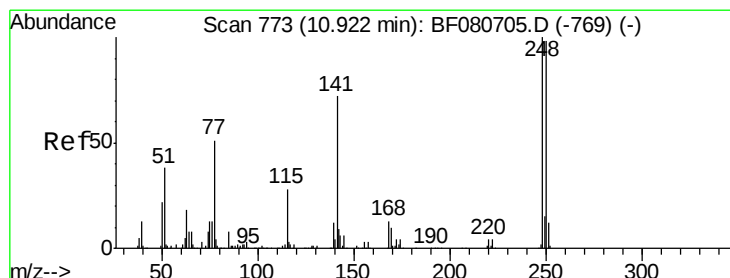
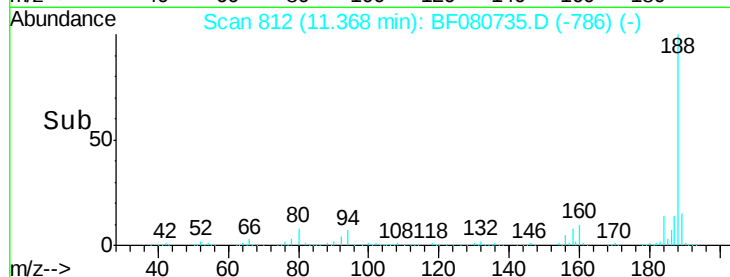
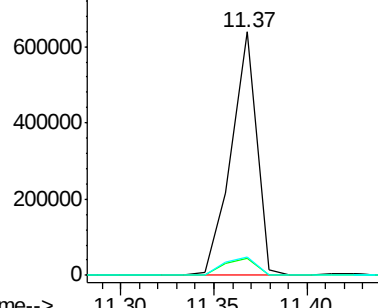
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080735.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_F
ClientSampleId :
PB84765BL

Tgt Ion:188 Resp: 604250
Ion Ratio Lower Upper
188 100
94 7.0 8.1 12.1#
80 7.5 9.1 13.7#

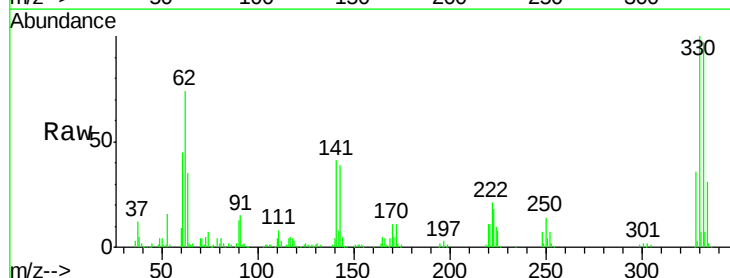


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

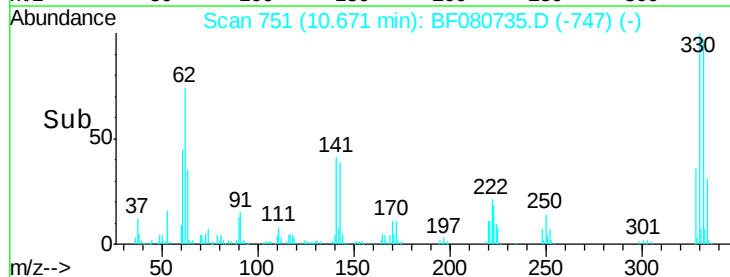
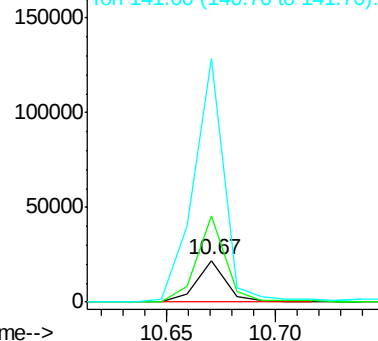


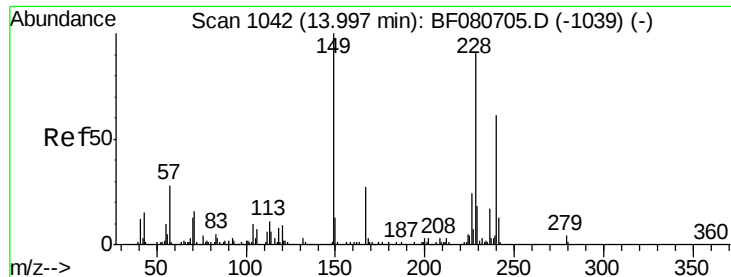
#66
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF080735.D
Acq: 31 Jul 2015 15:39

Tgt Ion:248 Resp: 20541
Ion Ratio Lower Upper
248 100
250 204.8 78.4 117.6#
141 581.4 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: BF080735.D

Acq: 31 Jul 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB84765BL

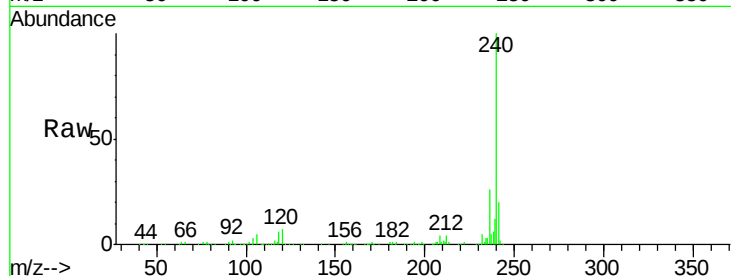
Tgt Ion:240 Resp: 370483

Ion Ratio Lower Upper

240 100

120 6.6 11.8 17.8#

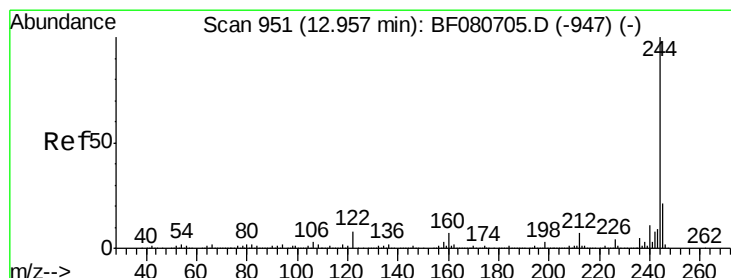
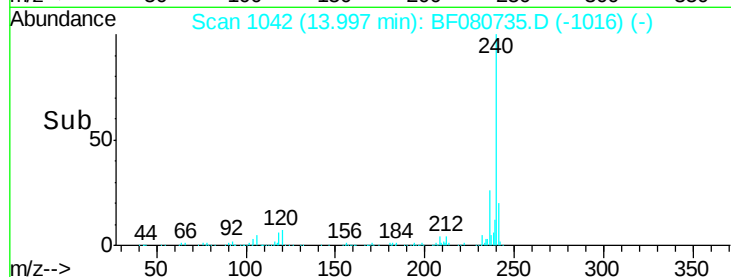
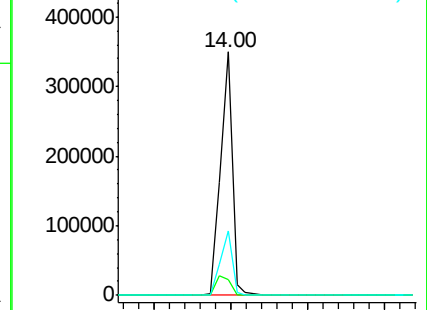
236 26.2 21.8 32.8



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: 73.12 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080735.D

Acq: 31 Jul 2015 15:39

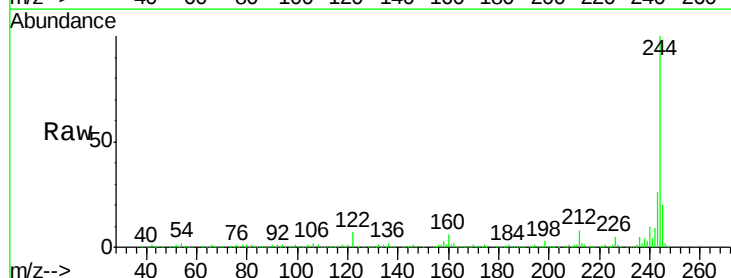
Tgt Ion:244 Resp: 1432429

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

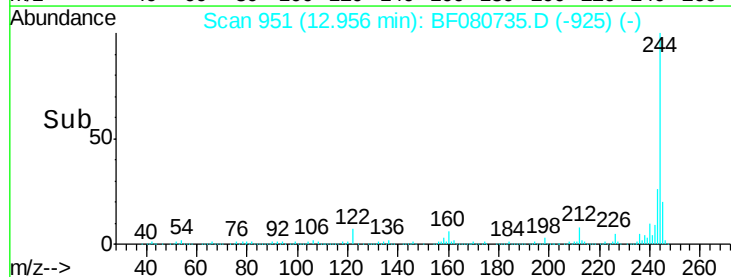
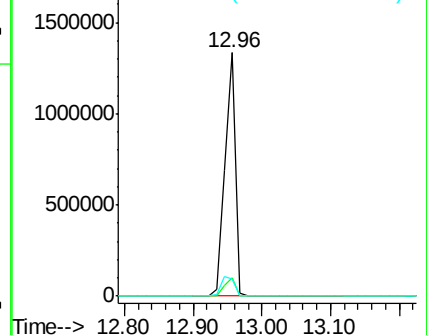
122 6.8 6.6 9.8

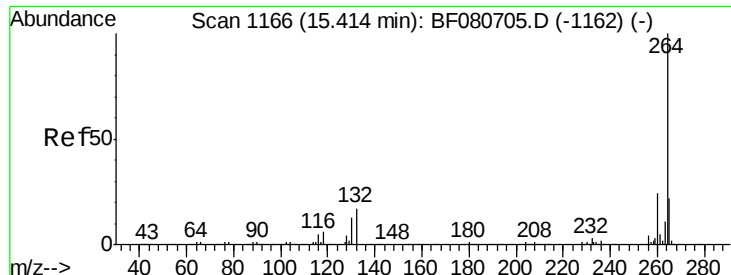


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF080735.D
Acq: 31 Jul 2015 15:39

Instrument :
BNA_F
ClientSampleId :
PB84765BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.5	17.3	25.9

