

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084754.D
 Acq On : 2 Feb 2016 19:08
 Operator : SJ/IZ
 Sample : PB88135BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BL

Quant Time: Feb 03 00:18:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

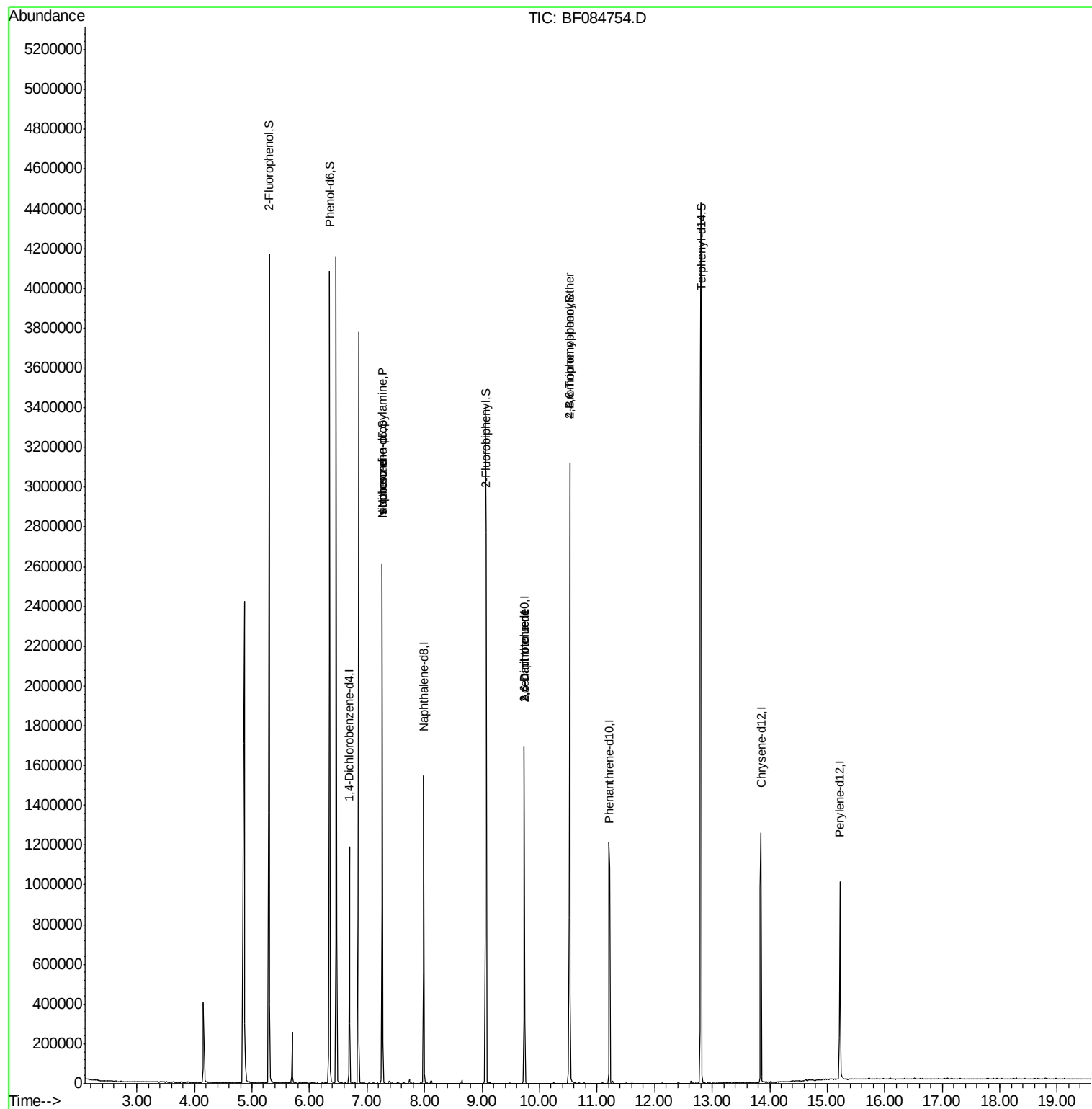
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	169578	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	744190	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	340755	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	656143	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	598371	20.00	ng	-0.02
86) Perylene-d12	15.22	264	434336	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1133001	104.07	ng	-0.01
7) Phenol-d6	6.35	99	1535695	113.78	ng	-0.02
23) Nitrobenzene-d5	7.26	82	860576	65.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	357891	100.69	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1636557	78.97	ng	-0.02
78) Terphenyl-d14	12.81	244	1807549	68.45	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	118949	14.06	ng	# 73
25) Isophorone	7.26	82	648096	25.23	ng	# 66
50) 2,6-Dinitrotoluene	9.73	165	43113	7.60	ng	# 37
56) 2,4-Dinitrotoluene	9.73	165	43113	5.96	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	23343	3.22	ng	# 1

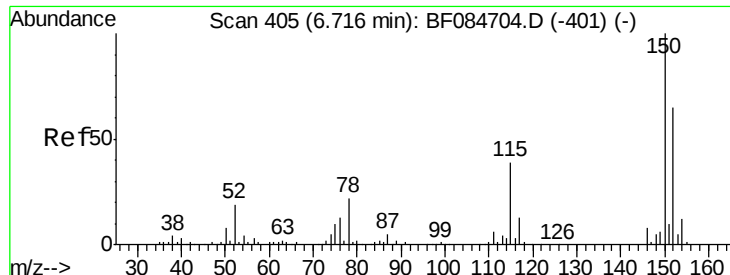
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB88135BL

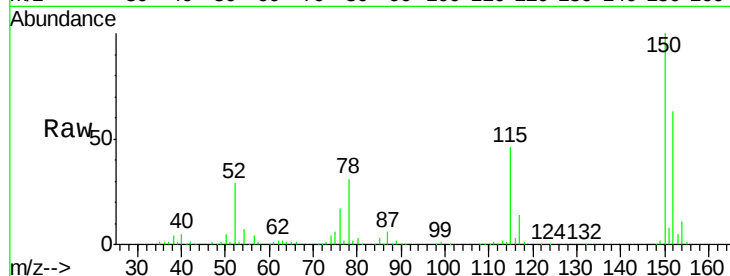
Tgt Ion:152 Resp: 169578

Ion Ratio Lower Upper

152 100

150 159.4 123.0 184.4

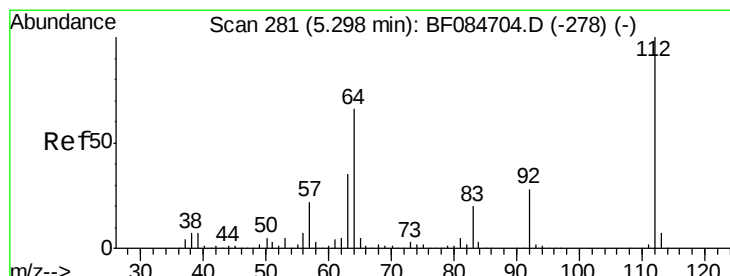
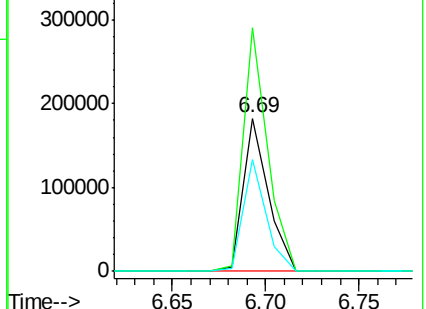
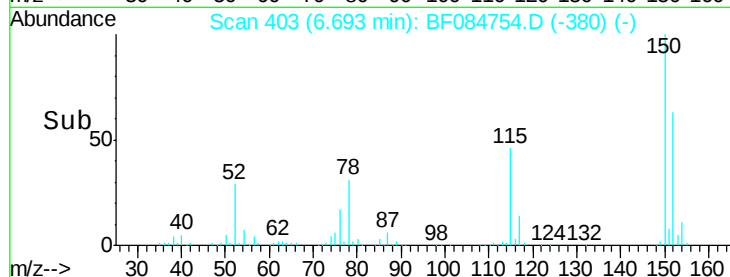
115 73.2 51.4 77.2



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: 104.07 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

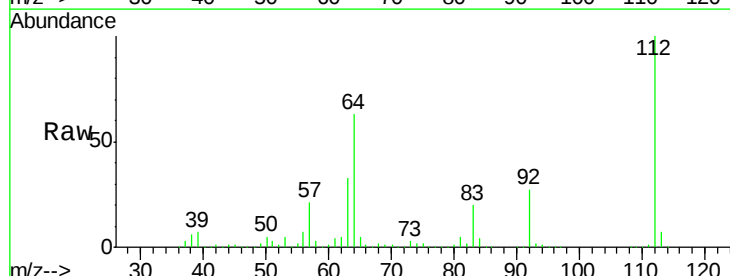
Tgt Ion:112 Resp: 1133001

Ion Ratio Lower Upper

112 100

64 63.4 36.6 55.0#

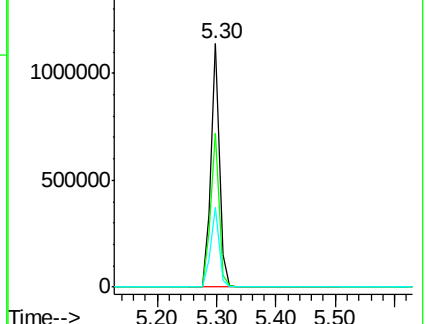
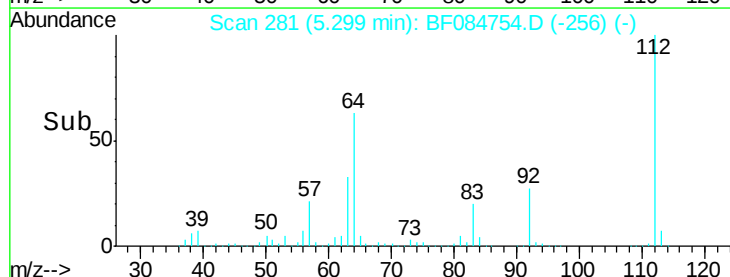
63 33.0 19.4 29.0#

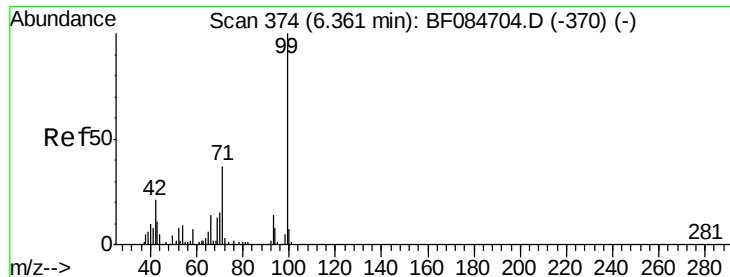


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.78 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB88135BL

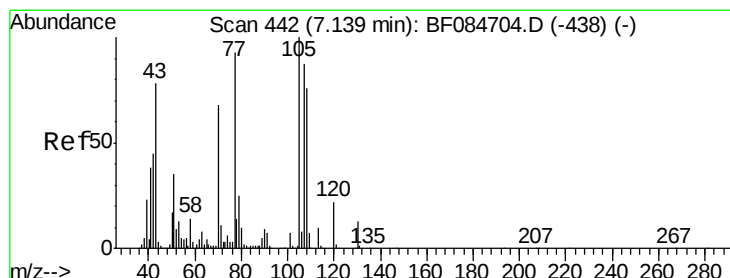
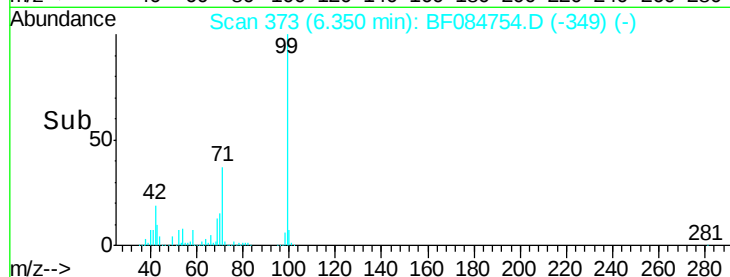
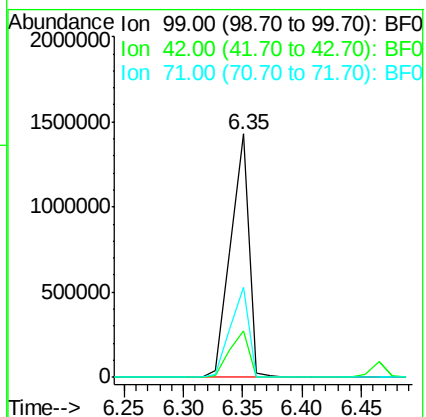
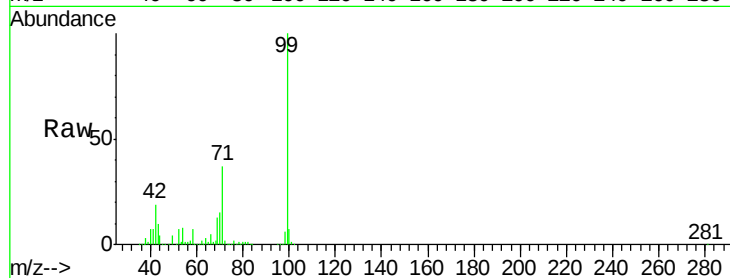
Tgt Ion: 99 Resp: 1535695

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

71 37.0 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.06 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.11 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Tgt Ion: 70 Resp: 118949

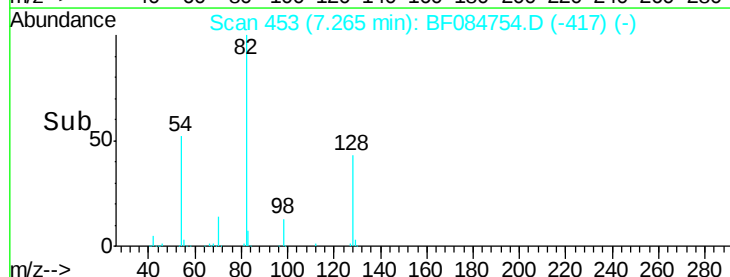
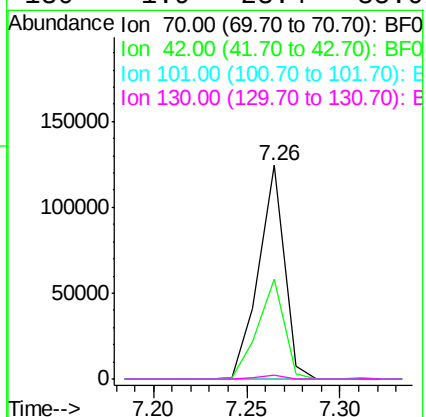
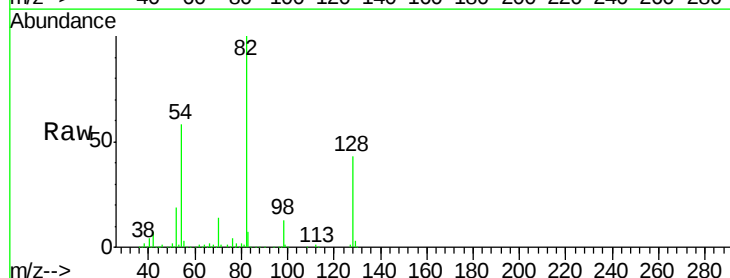
Ion Ratio Lower Upper

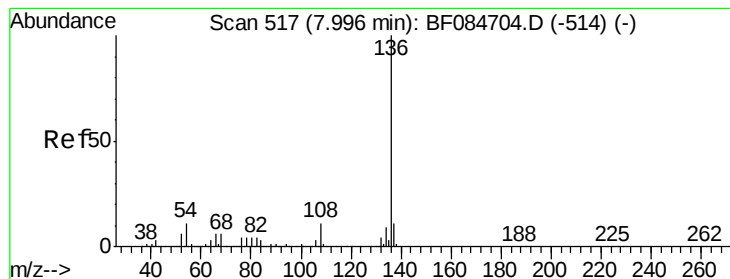
70 100

42 47.0 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB88135BL

Tgt Ion: 136 Resp: 744190

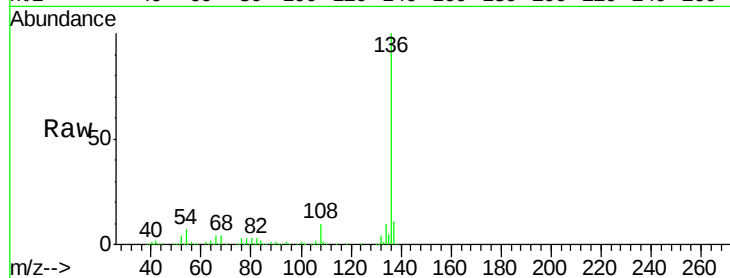
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.3 5.8 8.8

68 4.4 4.2 6.2

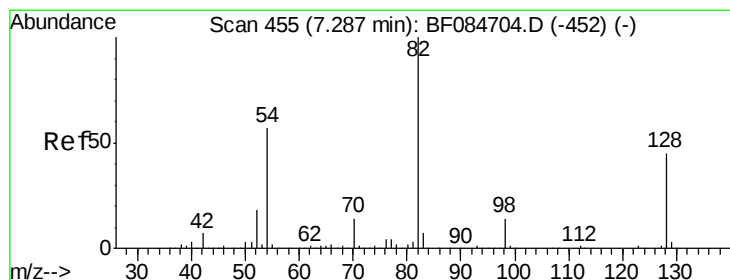
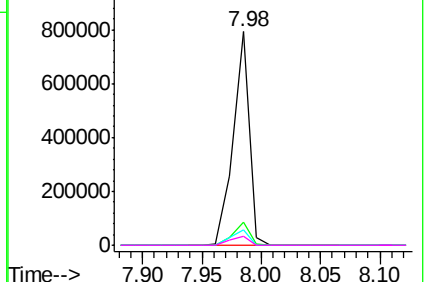
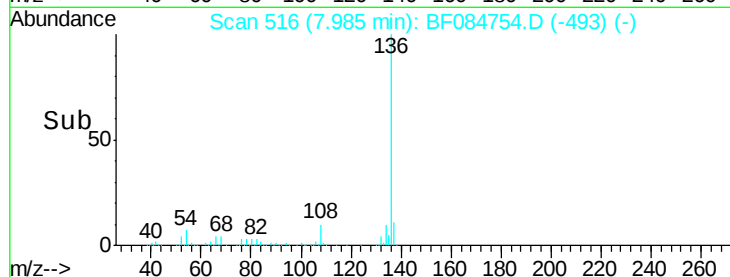


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.14 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

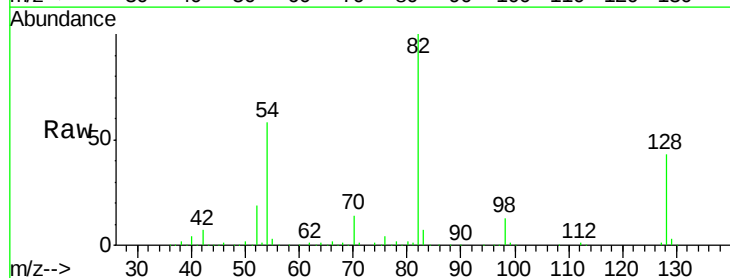
Tgt Ion: 82 Resp: 860576

Ion Ratio Lower Upper

82 100

128 43.1 34.6 51.8

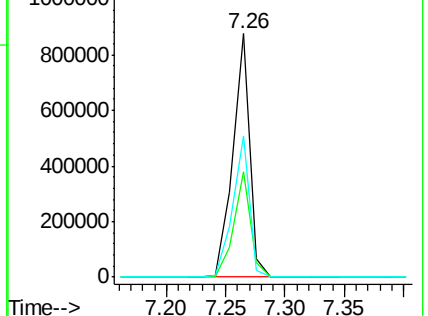
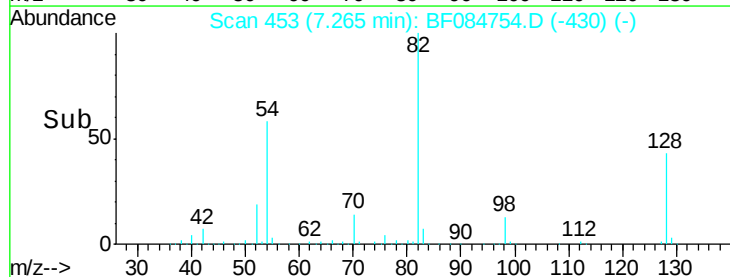
54 57.8 38.4 57.6#

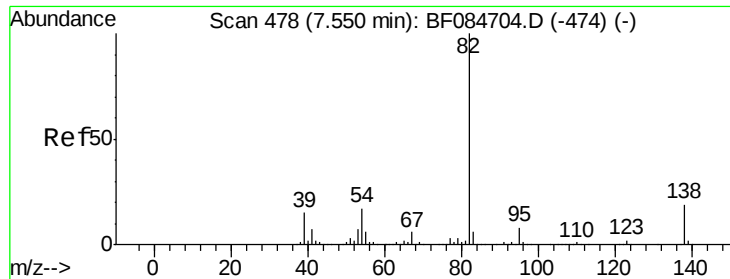


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 25.23 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.30 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Instrument :

BNA_F

ClientSampleId :

PB88135BL

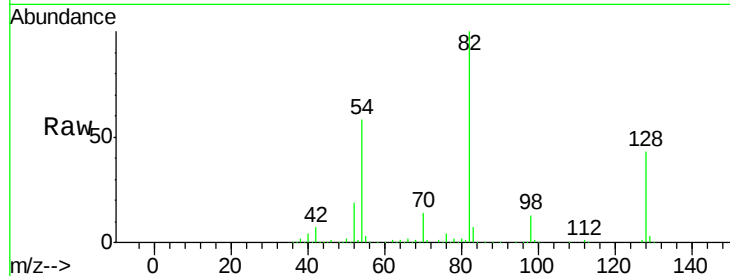
Tgt Ion: 82 Resp: 648096

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

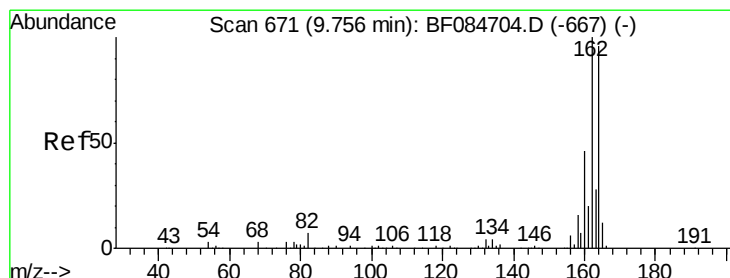
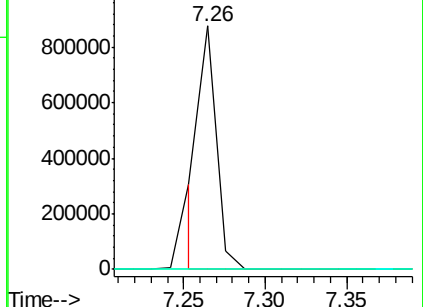
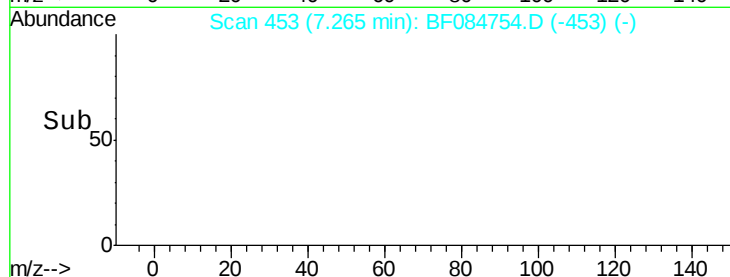
138 0.0 13.6 20.4#



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: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

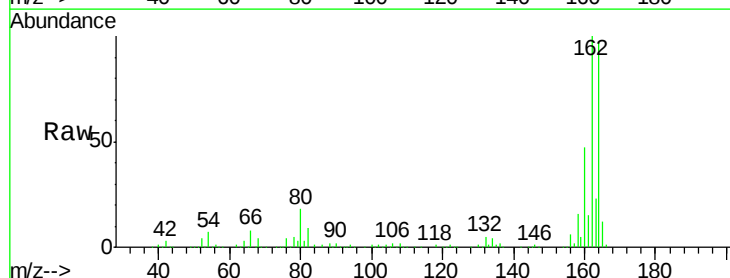
Tgt Ion: 164 Resp: 340755

Ion Ratio Lower Upper

164 100

162 103.2 85.1 127.7

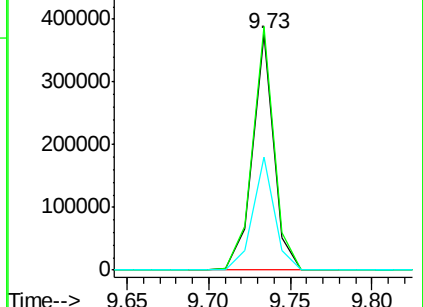
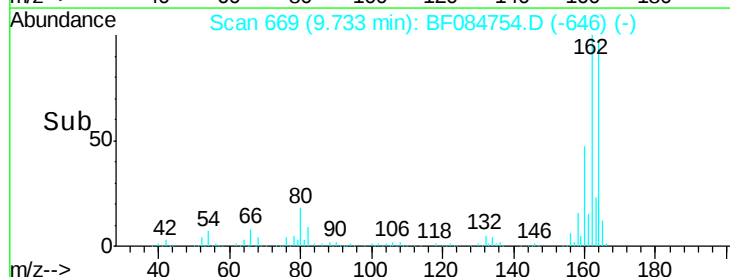
160 48.1 37.5 56.3

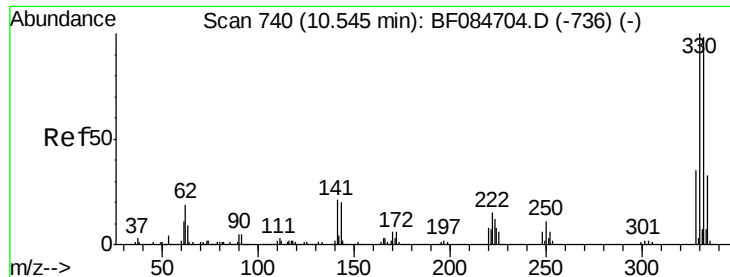


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

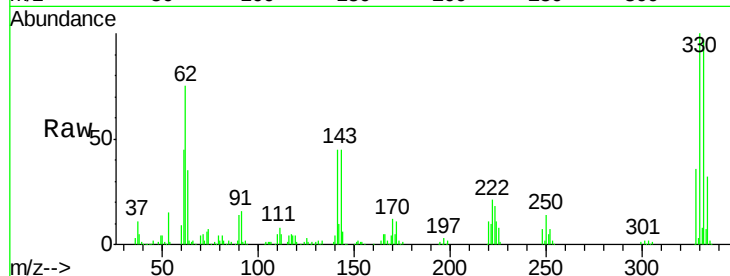




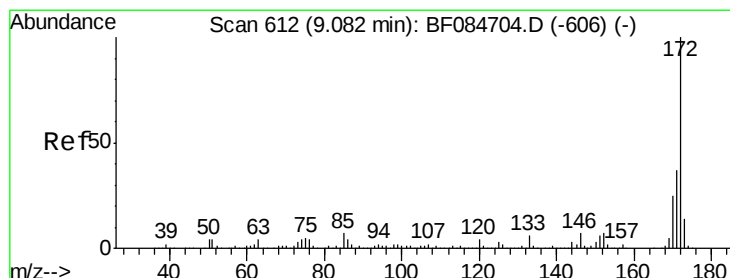
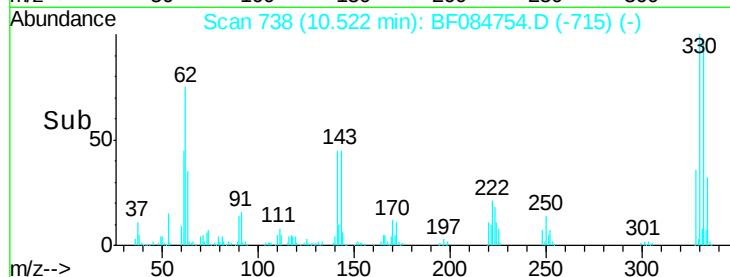
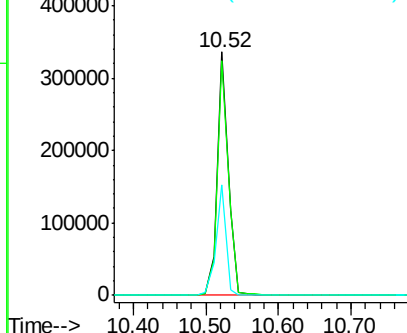
#41
 2,4,6-Tribromophenol
 Concen: 100.69 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084754.D
 Acq: 2 Feb 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 PB88135BL

Tgt Ion:330 Resp: 357891
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 40.5 27.8 41.6

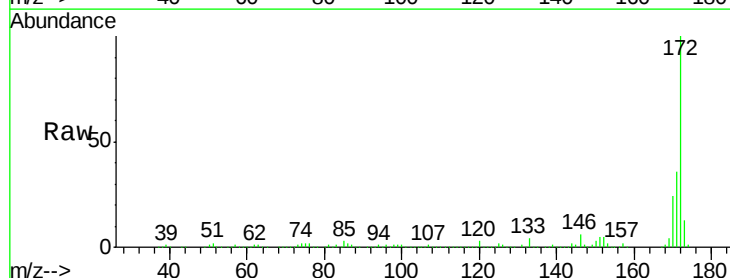


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

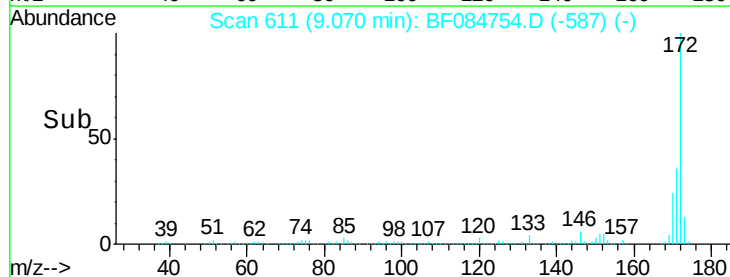
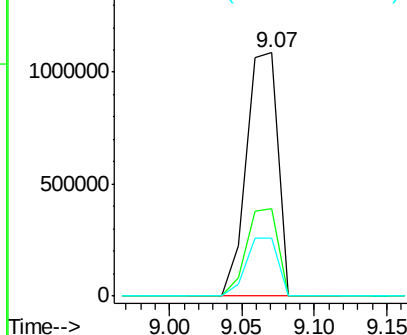


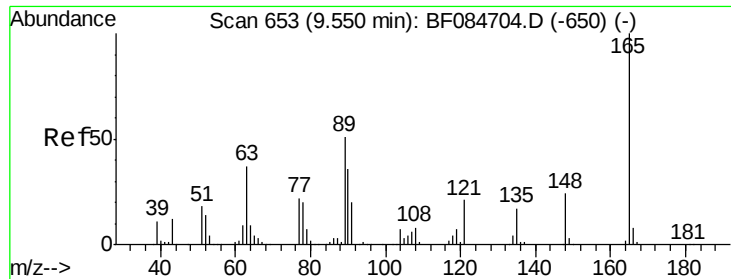
#44
 2-Fluorobiphenyl
 Concen: 78.97 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084754.D
 Acq: 2 Feb 2016 19:08

Tgt Ion:172 Resp: 1636557
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.9 18.6 27.8



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

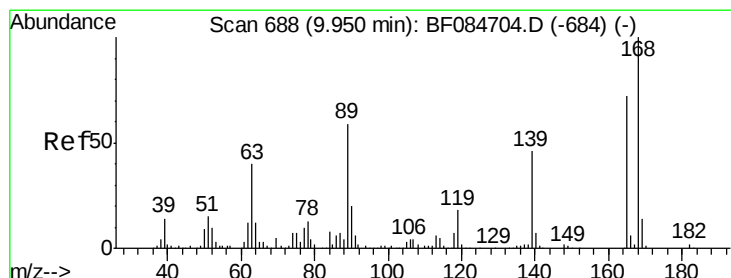
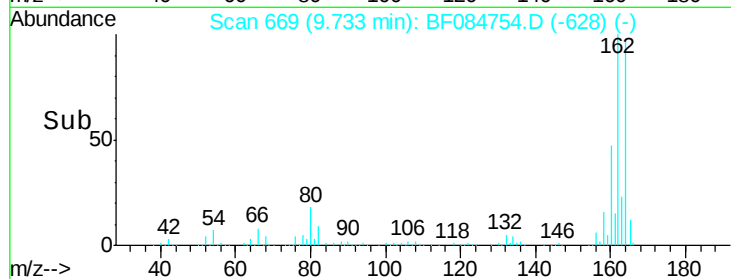
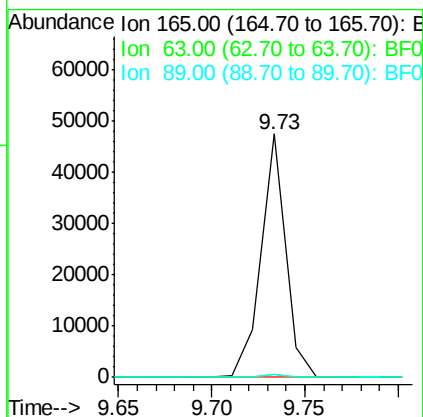
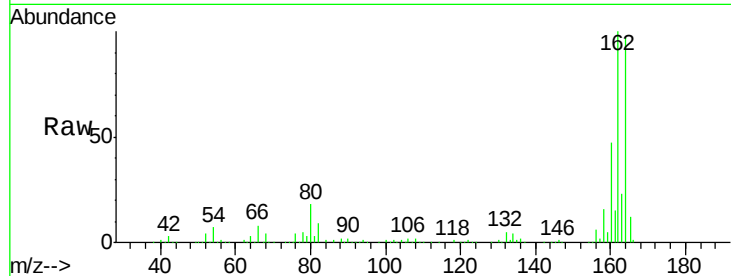




#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.17 min
 Lab File: BF084754.D
 Acq: 2 Feb 2016 19:08

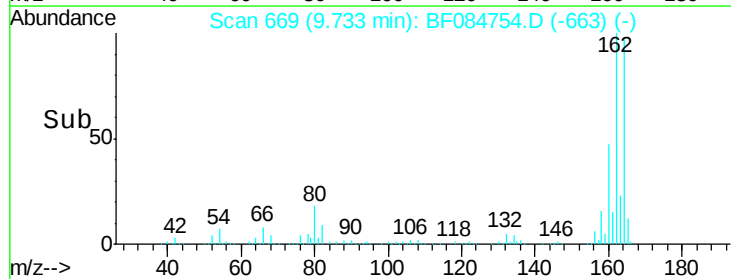
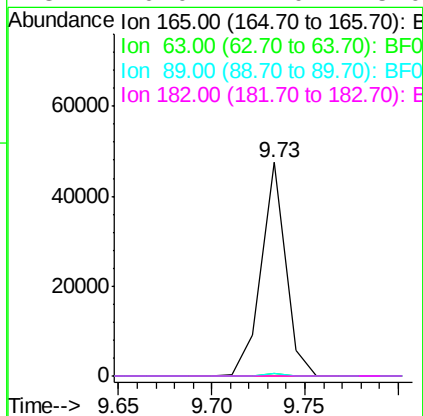
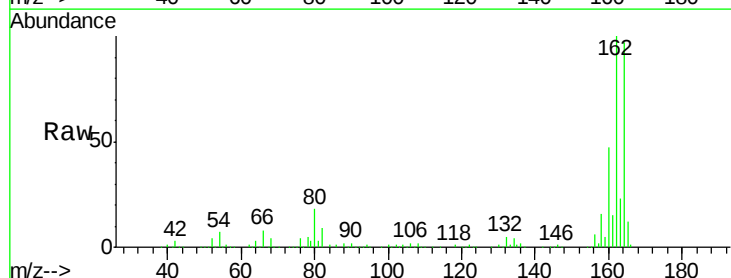
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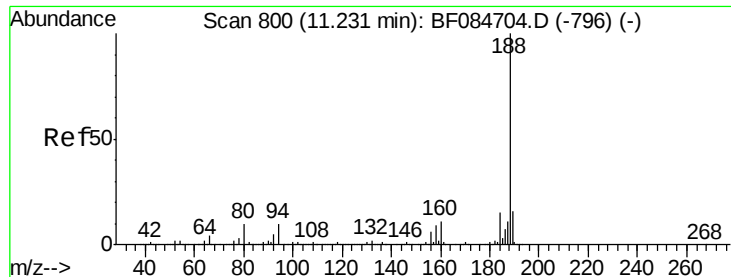
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.8	43.2#
89	1.3	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.96 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.23 min
 Lab File: BF084754.D
 Acq: 2 Feb 2016 19:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#

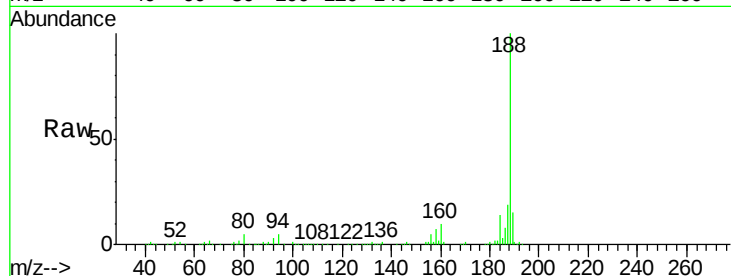




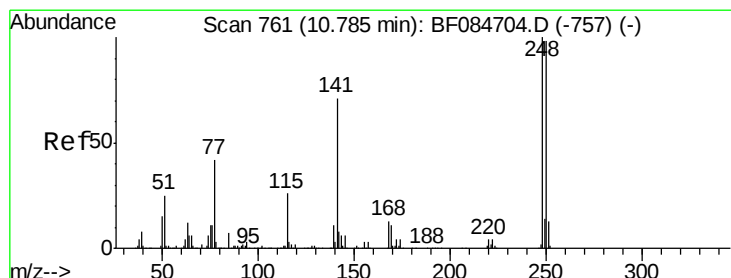
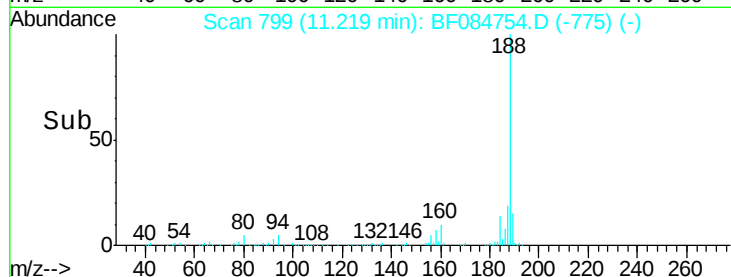
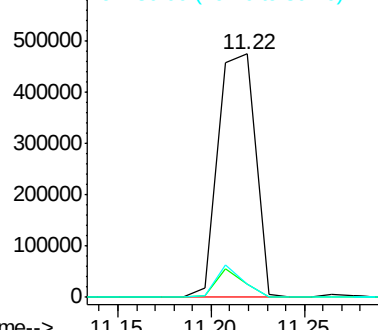
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084754.D
Acq: 2 Feb 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB88135BL

Tgt Ion:188 Resp: 656143
Ion Ratio Lower Upper
188 100
94 5.3 9.0 13.4#
80 5.2 9.6 14.4#

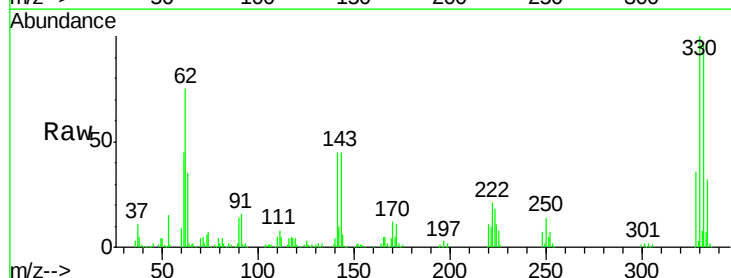


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

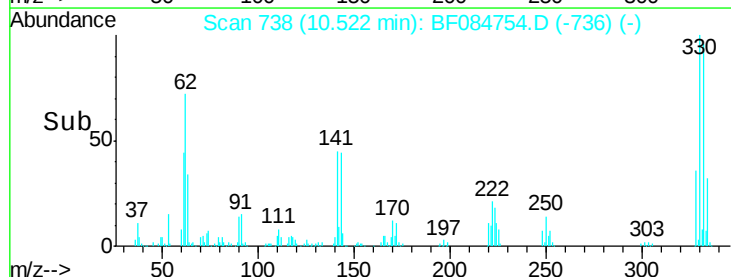
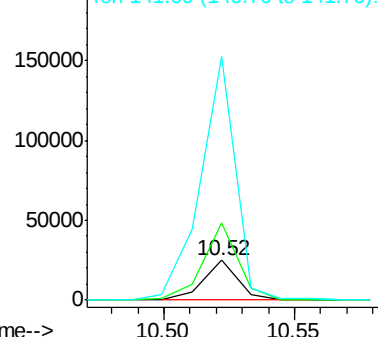


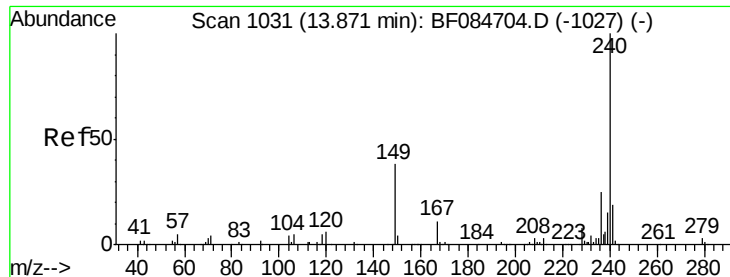
#66
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.27 min
Lab File: BF084754.D
Acq: 2 Feb 2016 19:08

Tgt Ion:248 Resp: 23343
Ion Ratio Lower Upper
248 100
250 194.4 78.4 117.6#
141 610.0 44.0 66.0#



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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Instrument :

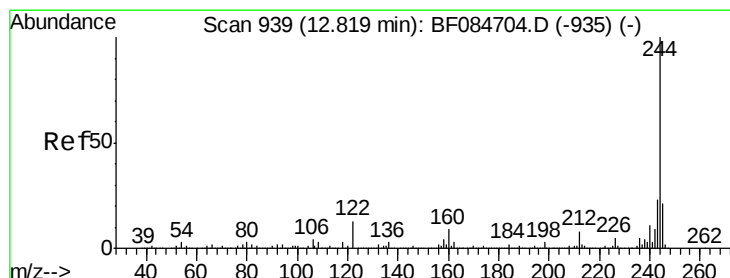
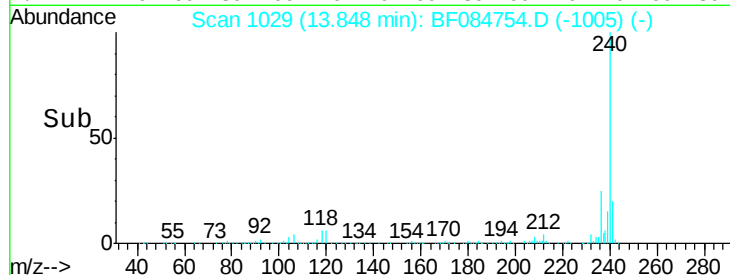
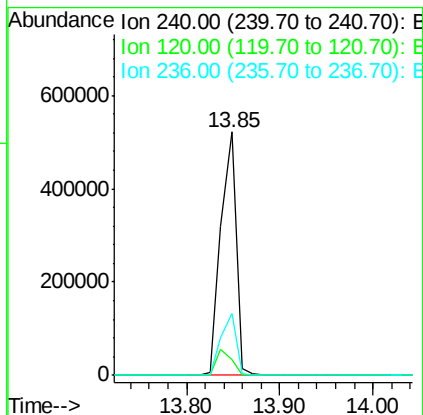
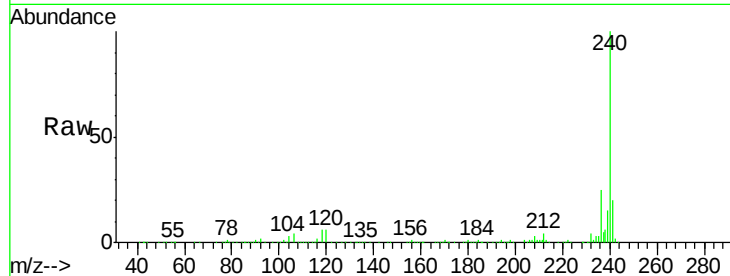
BNA_F

ClientSampleId :

PB88135BL

Tgt Ion:240 Resp: 598371

Ion	Ratio	Lower	Upper
240	100		
120	6.4	9.5	14.3#
236	25.2	20.6	31.0



#78

Terphenyl-d14

Concen: 68.45 ng

RT: 12.81 min Scan# 938

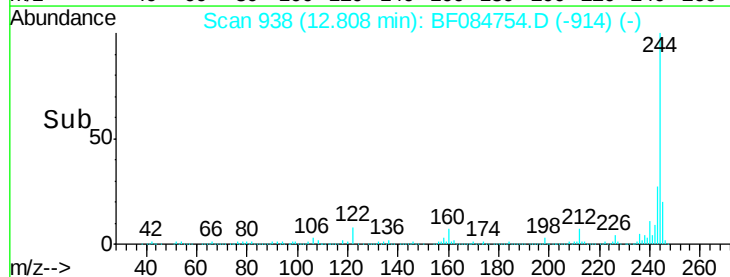
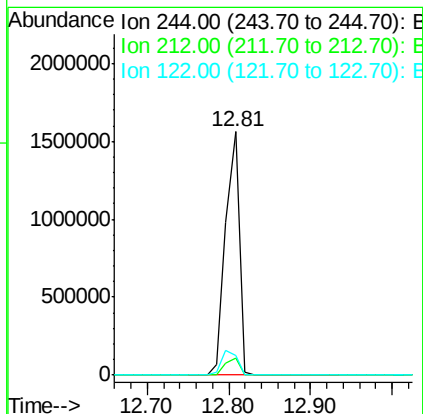
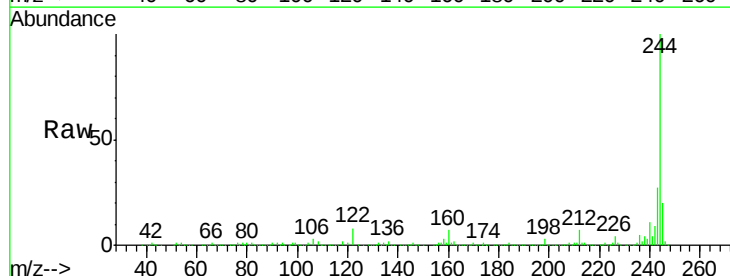
Delta R.T. -0.02 min

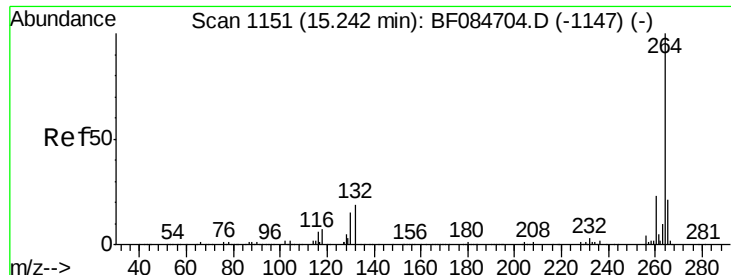
Lab File: BF084754.D

Acq: 2 Feb 2016 19:08

Tgt Ion:244 Resp: 1807549

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	8.1	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084754.D
Acq: 2 Feb 2016 19:08

Instrument :
BNA_F
ClientSampleId :
PB88135BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	22.3	17.8	26.6

