

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084709.D
 Acq On : 1 Feb 2016 15:09
 Operator : SJ/IZ
 Sample : PB88000BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BL

Quant Time: Feb 02 00:29:14 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

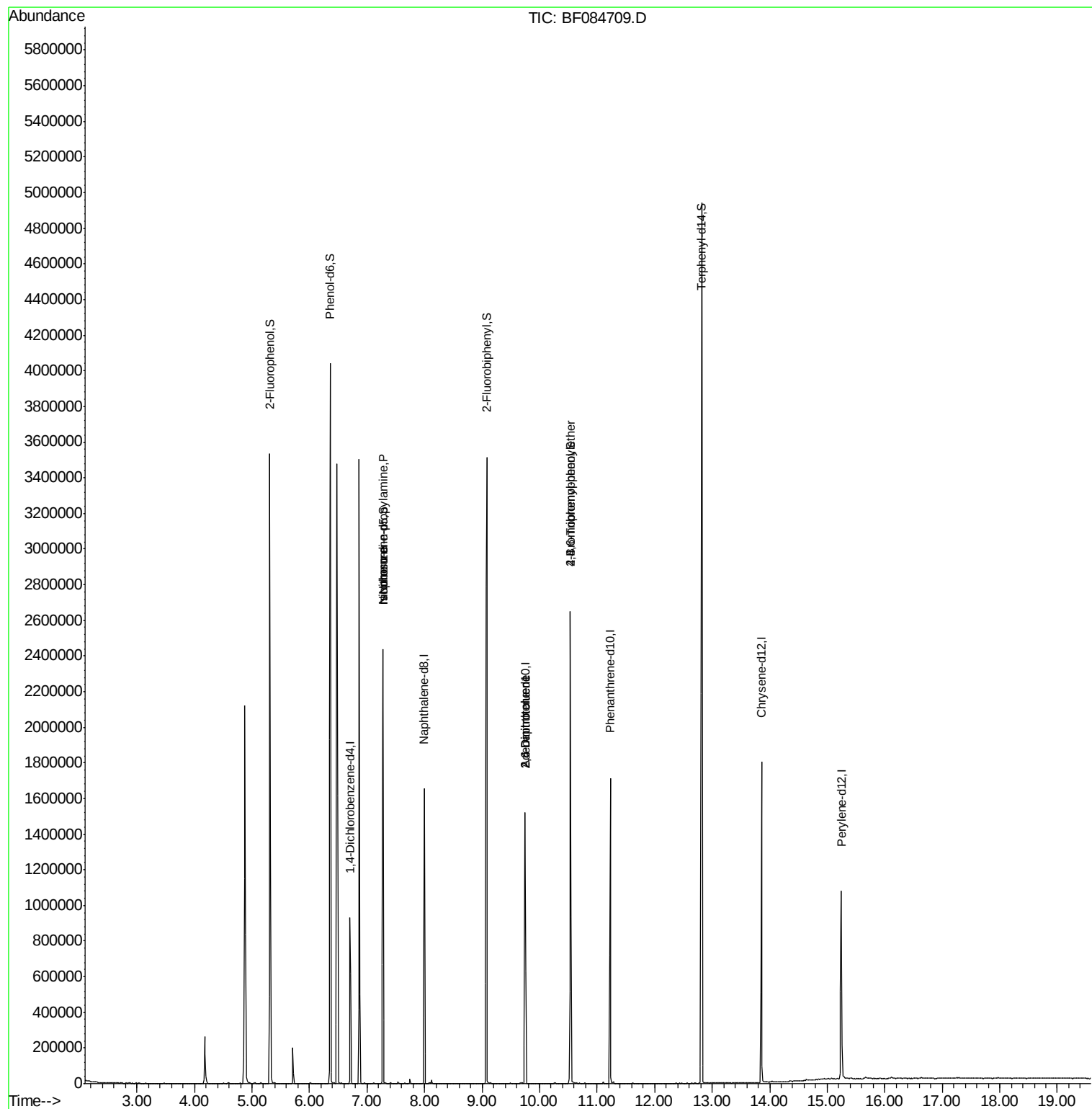
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172068	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	742124	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	346008	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	690032	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	623477	20.00	ng	-0.01
86) Perylene-d12	15.24	264	455633	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1054651	95.47	ng	0.00
7) Phenol-d6	6.36	99	1442612	105.34	ng	-0.01
23) Nitrobenzene-d5	7.28	82	799026	60.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	364518	101.00	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1622676	76.31	ng	-0.01
78) Terphenyl-d14	12.82	244	1640719	59.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	109108	12.71	ng	# 71
25) Isophorone	7.28	82	643485	25.12	ng	# 66
50) 2,6-Dinitrotoluene	9.74	165	45731	7.94	ng	# 37
56) 2,4-Dinitrotoluene	9.74	165	45731	6.23	ng	# 21
66) 4-Bromophenyl-phenylether	10.53	248	21145	2.77	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: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

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PB88000BL

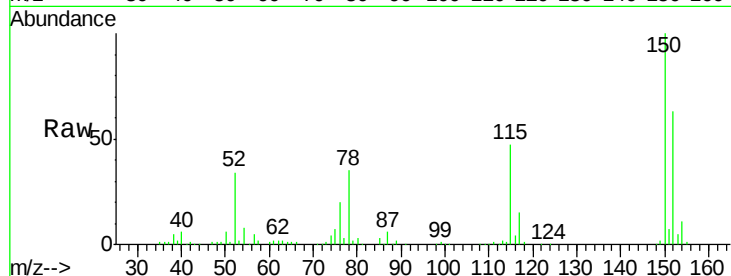
Tgt Ion:152 Resp: 172068

Ion Ratio Lower Upper

152 100

150 159.4 123.0 184.4

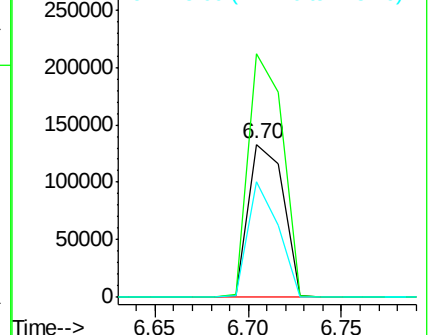
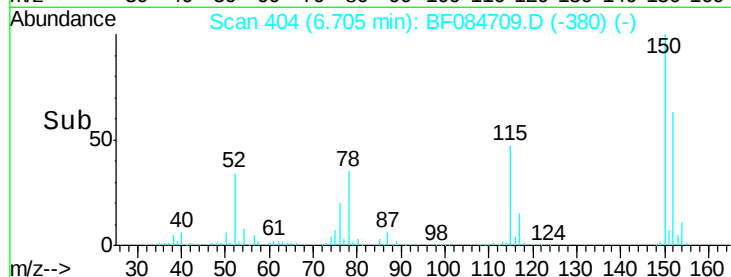
115 75.5 51.4 77.2



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: 95.47 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

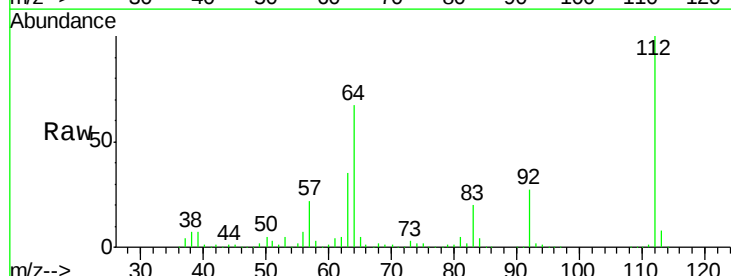
Tgt Ion:112 Resp: 1054651

Ion Ratio Lower Upper

112 100

64 67.3 36.6 55.0#

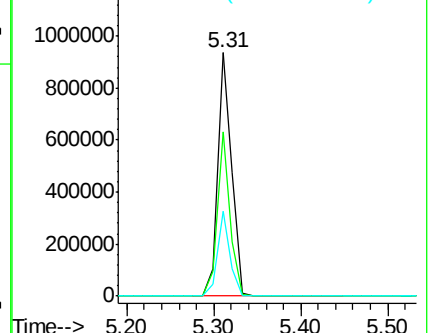
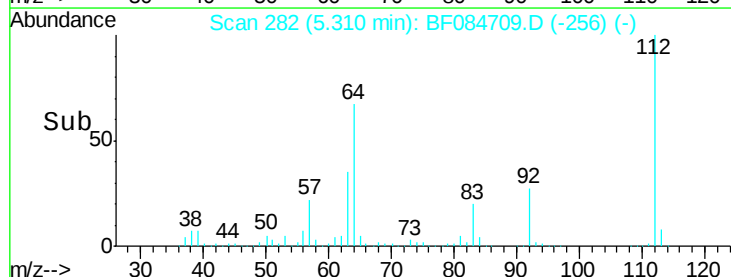
63 34.7 19.4 29.0#



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: 105.34 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

Instrument :

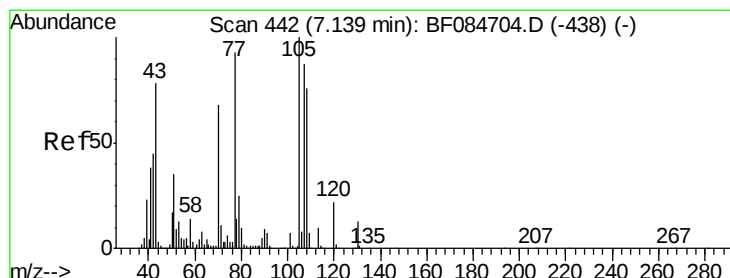
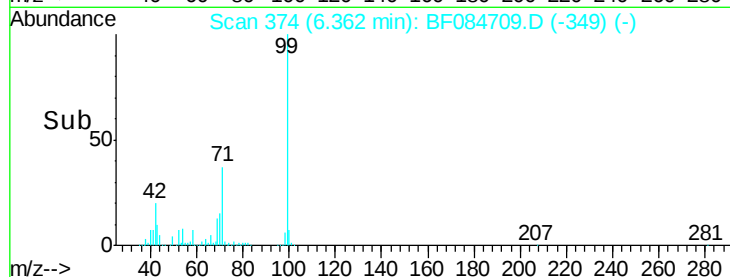
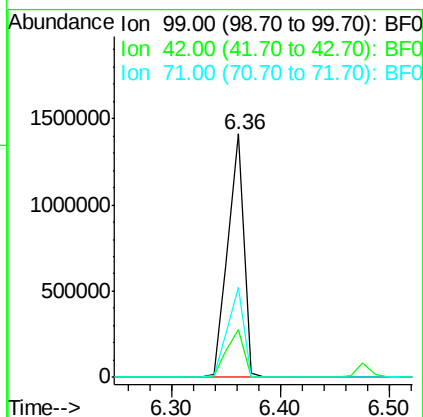
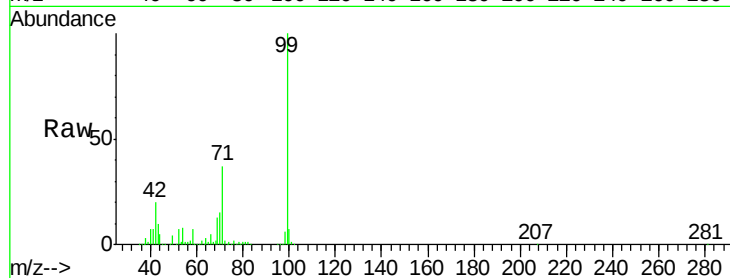
BNA_F

ClientSampleId :

PB88000BL

Tgt Ion: 99 Resp: 1442612

Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.8	19.2#
71	36.8	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.71 ng

RT: 7.28 min Scan# 454

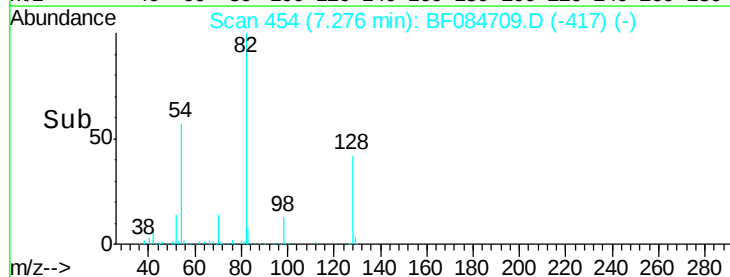
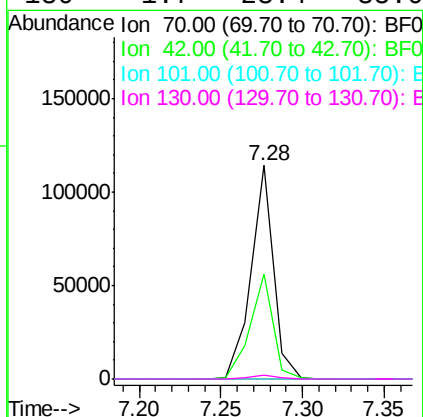
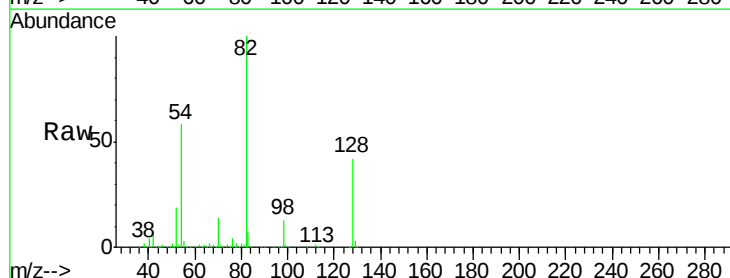
Delta R.T. 0.13 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

Tgt Ion: 70 Resp: 109108

Ion	Ratio	Lower	Upper
70	100		
42	49.2	33.3	49.9
101	0.0	9.3	13.9#
130	1.7	23.4	35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB88000BL

Tgt Ion: 136 Resp: 742124

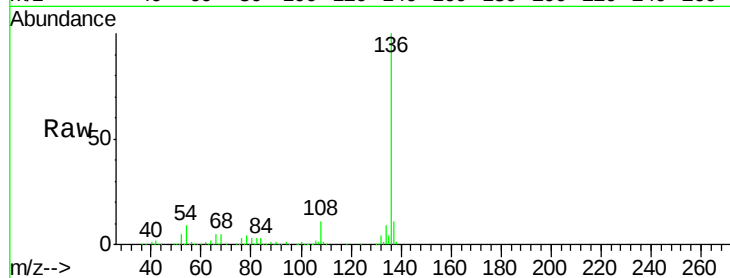
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.7 5.8 8.8

68 4.9 4.2 6.2

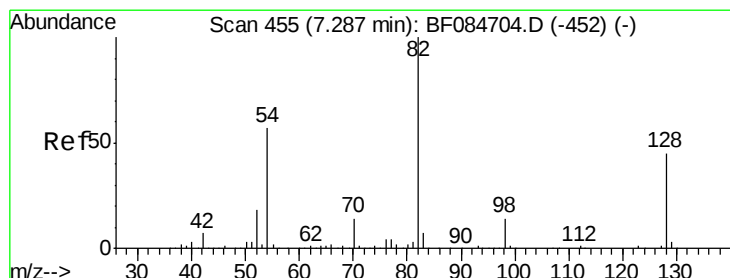
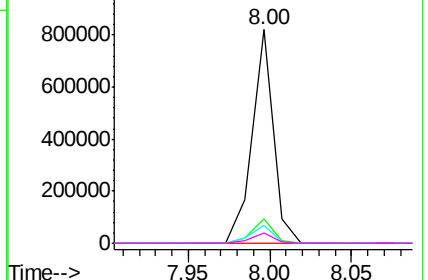
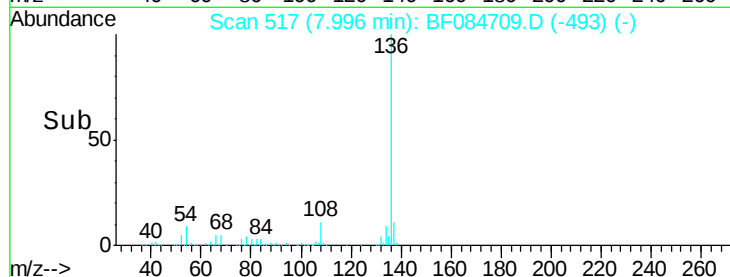


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.65 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

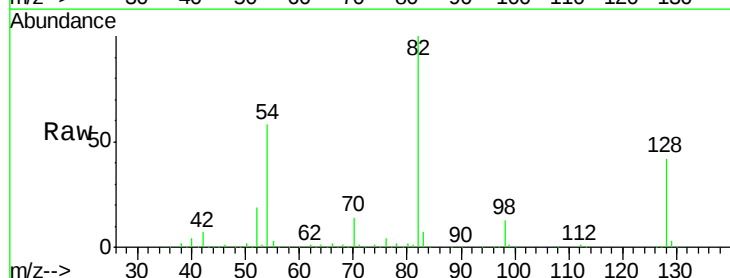
Tgt Ion: 82 Resp: 799026

Ion Ratio Lower Upper

82 100

128 41.6 34.6 51.8

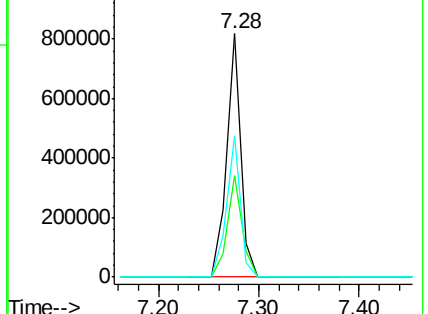
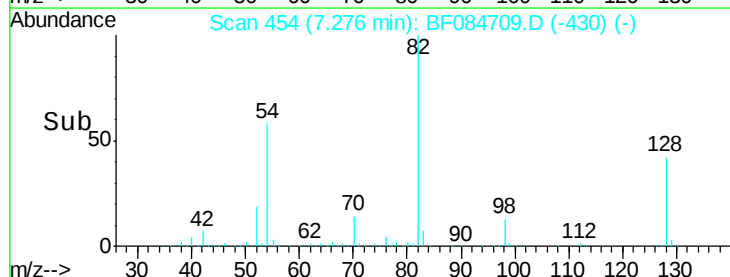
54 58.2 38.4 57.6#

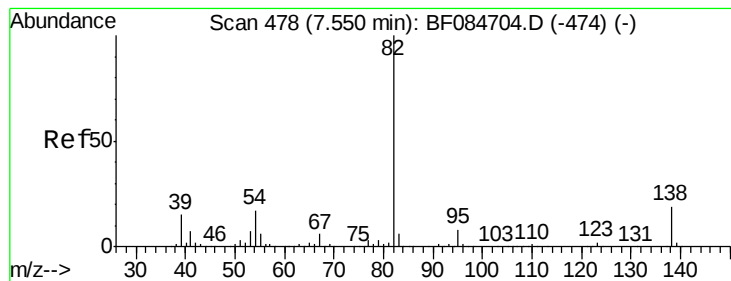


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 25.12 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB88000BL

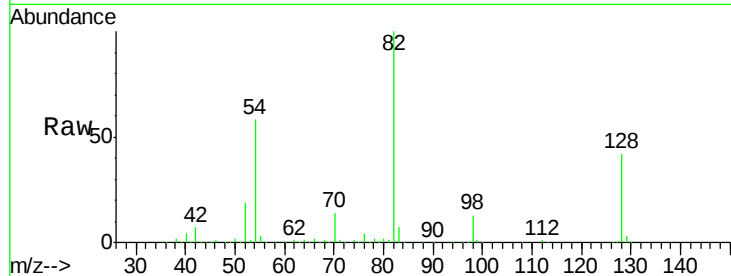
Tgt Ion: 82 Resp: 643485

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

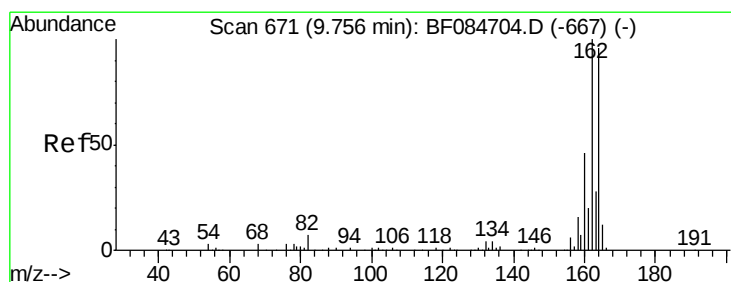
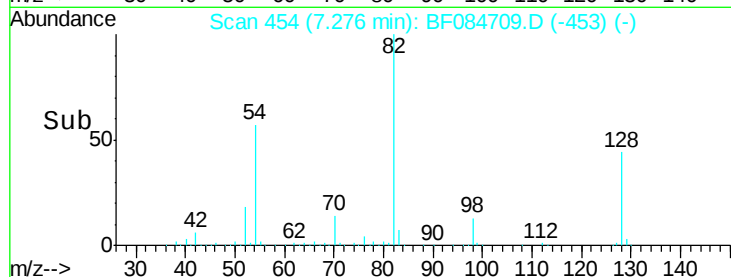
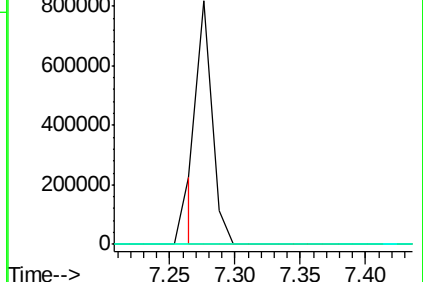
138 0.0 13.6 20.4#



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: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

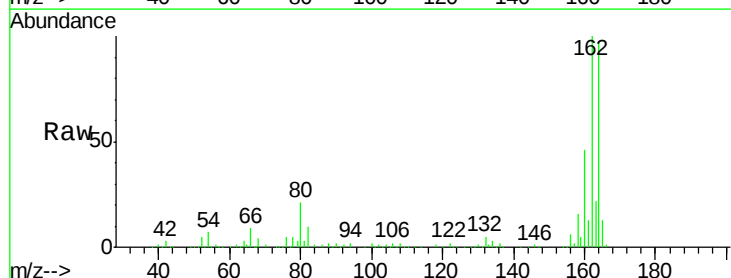
Tgt Ion: 164 Resp: 346008

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

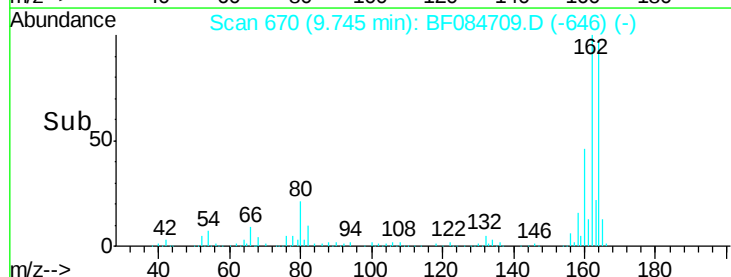
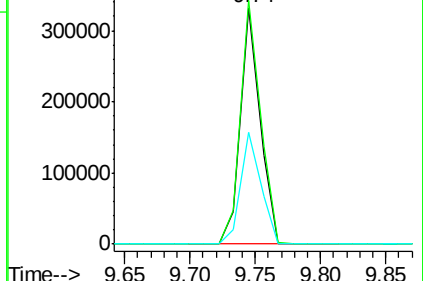
160 47.3 37.5 56.3

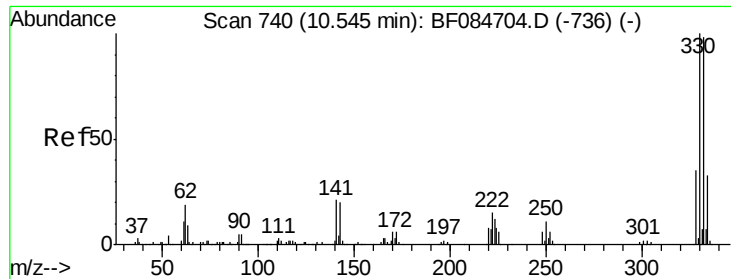


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

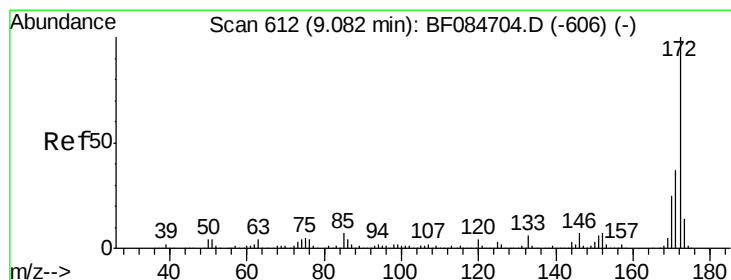
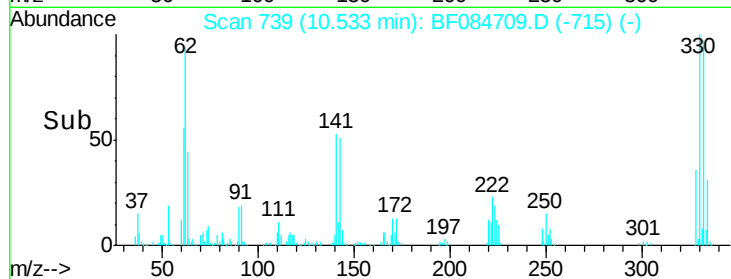
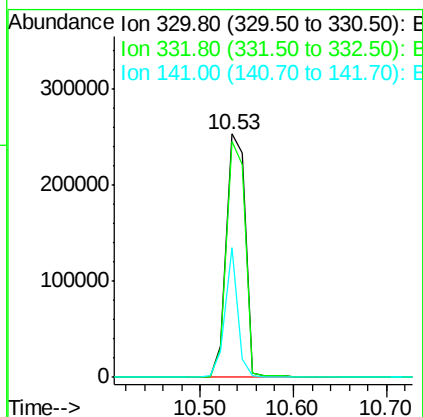
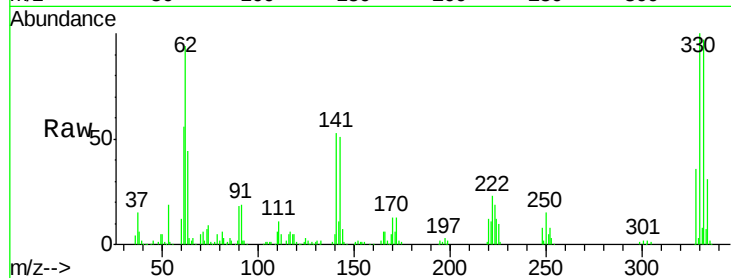




#41
 2,4,6-Tribromophenol
 Concen: 101.00 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

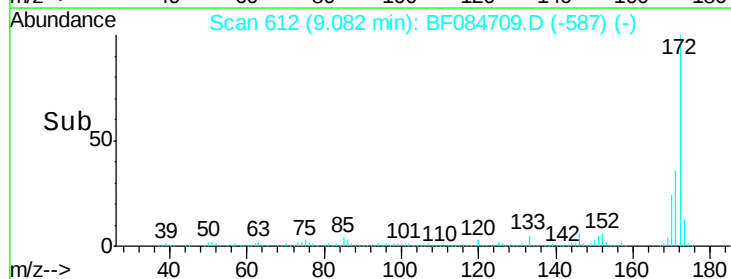
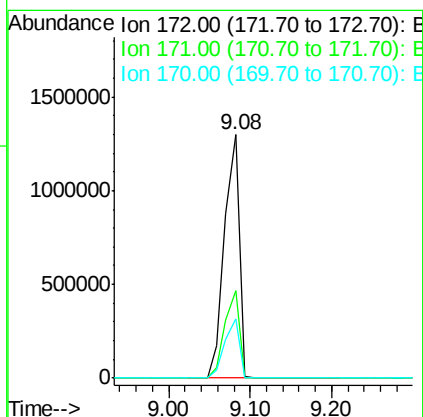
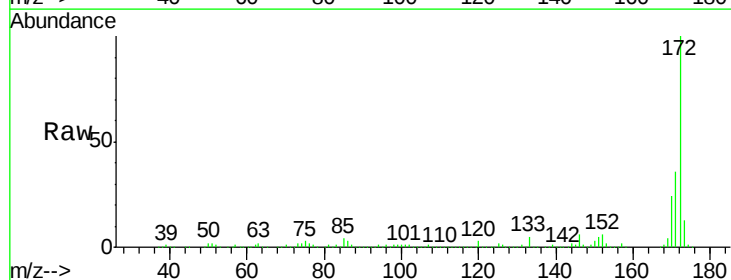
Instrument :
 BNA_F
 ClientSampleId :
 PB88000BL

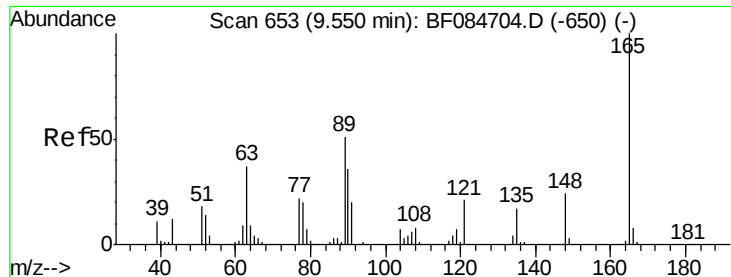
Tgt Ion:330 Resp: 364518
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 34.9 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 76.31 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

Tgt Ion:172 Resp: 1622676
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.3 18.6 27.8

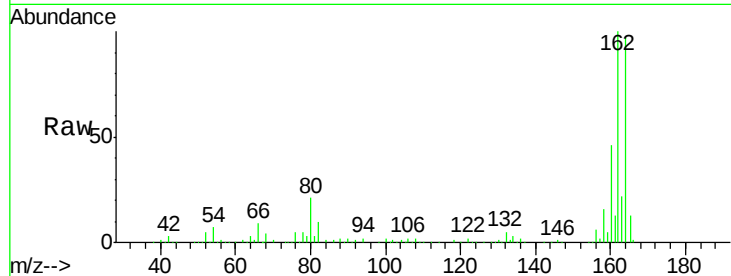




#50
 2,6-Dinitrotoluene
 Concen: 7.94 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.18 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB88000BL

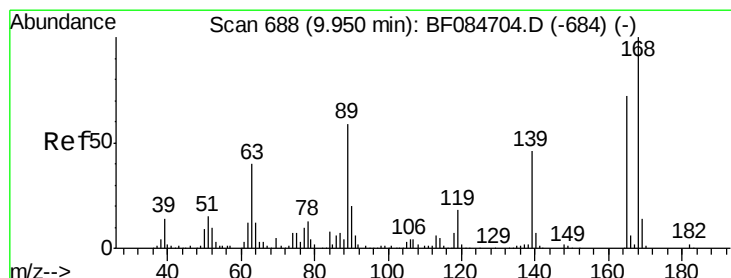
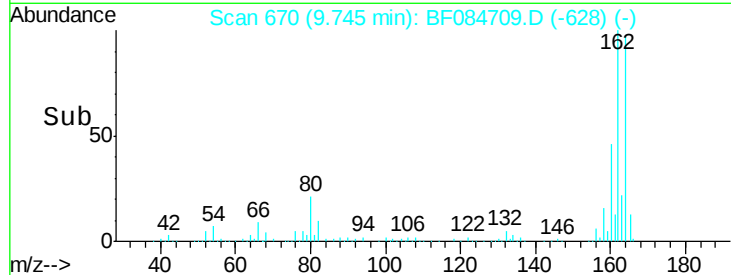
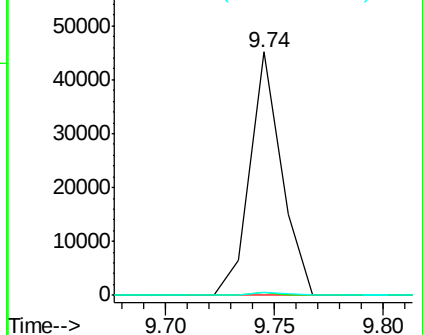
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.3	35.1	52.7#



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: 6.23 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF084709.D
 Acq: 1 Feb 2016 15:09

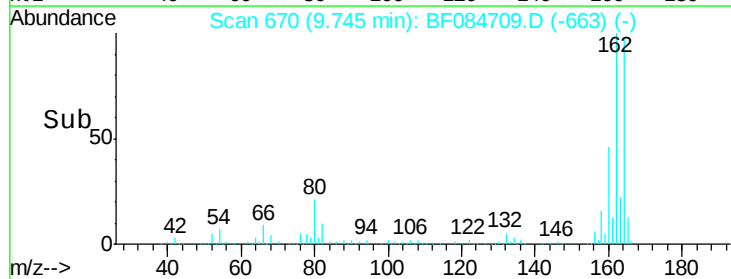
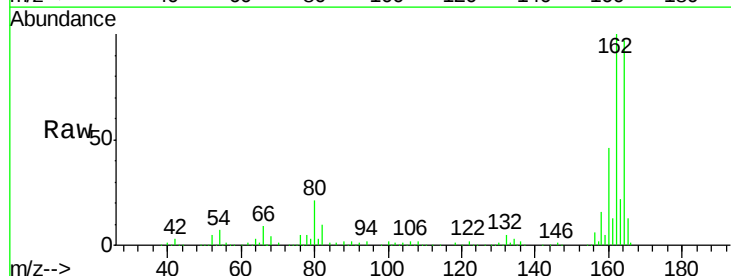
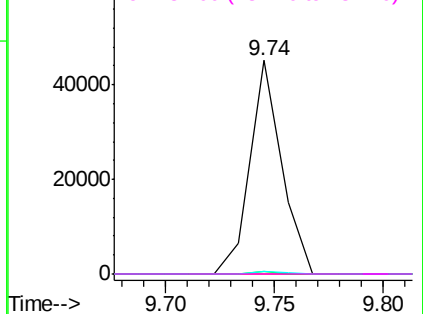
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#

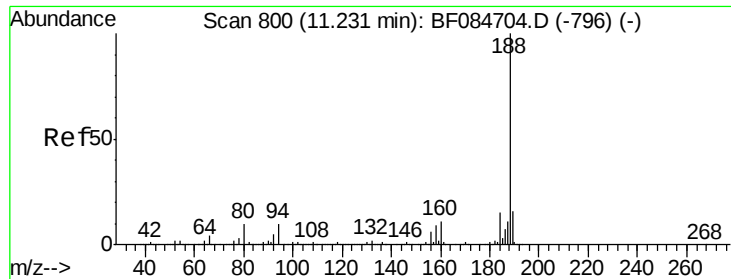
Abundance Ion 165.00 (164.70 to 165.70): E

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

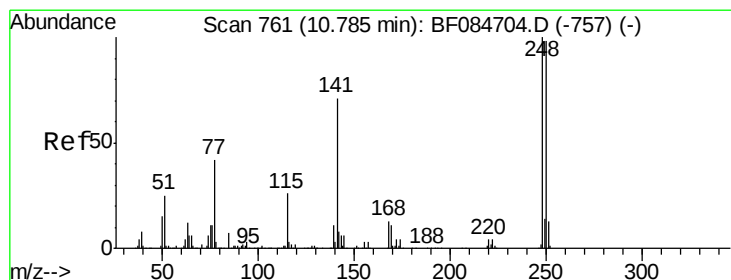
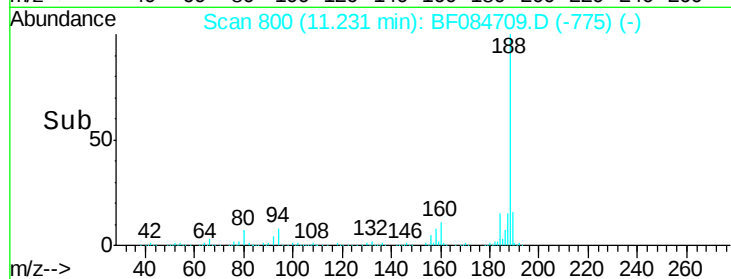
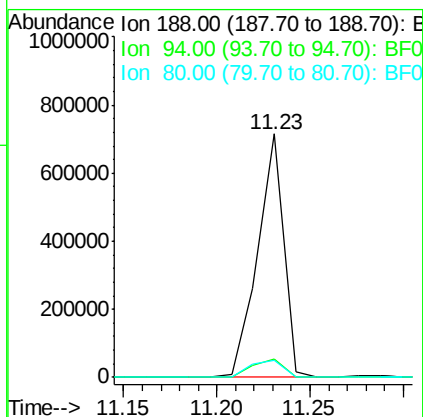
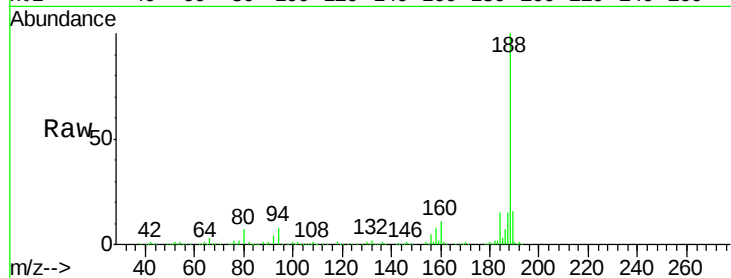




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084709.D
Acq: 1 Feb 2016 15:09

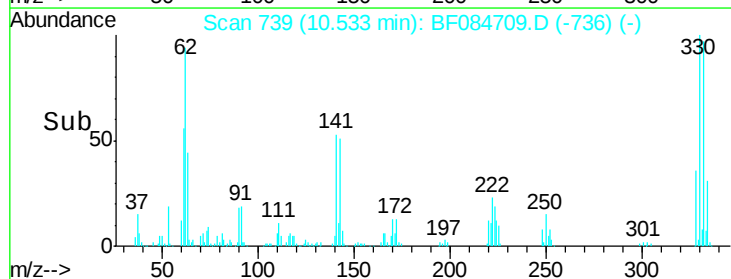
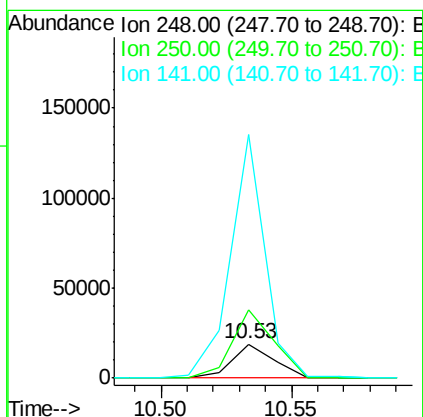
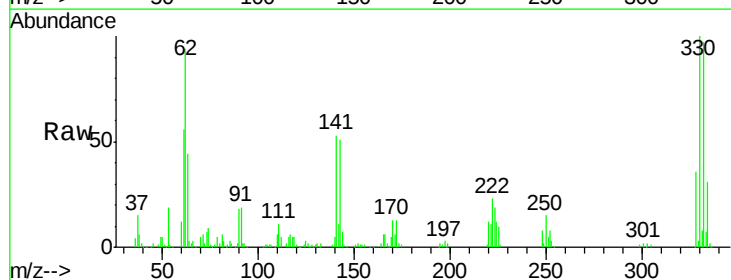
Instrument :
BNA_F
ClientSampleId :
PB88000BL

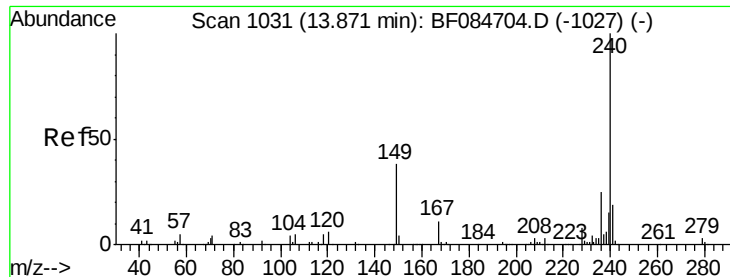
Tgt Ion:188 Resp: 690032
Ion Ratio Lower Upper
188 100
94 7.5 9.0 13.4#
80 7.1 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.26 min
Lab File: BF084709.D
Acq: 1 Feb 2016 15:09

Tgt Ion:248 Resp: 21145
Ion Ratio Lower Upper
248 100
250 197.2 78.4 117.6#
141 709.1 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB88000BL

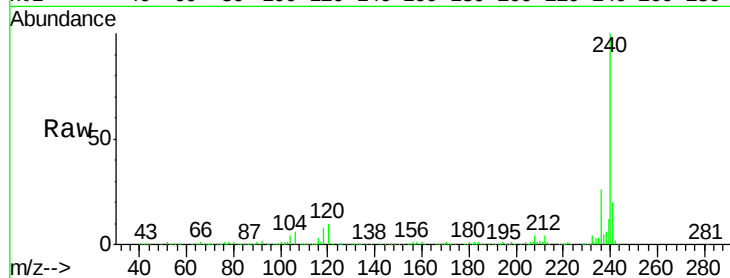
Tgt Ion:240 Resp: 623477

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

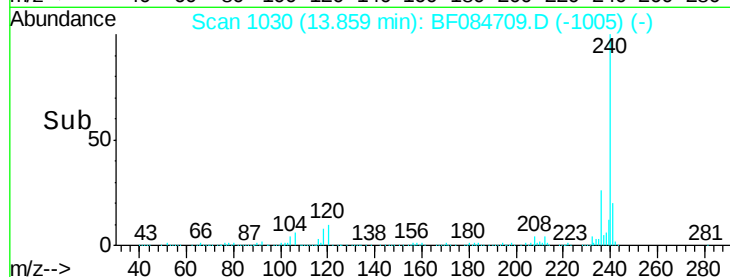
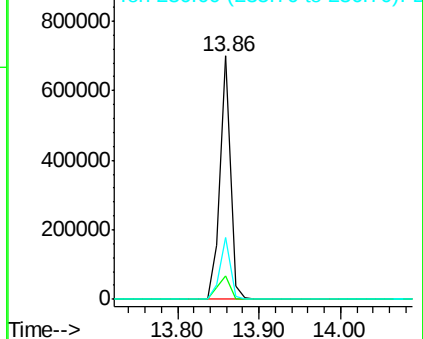
236 25.5 20.6 31.0



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: 59.63 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084709.D

Acq: 1 Feb 2016 15:09

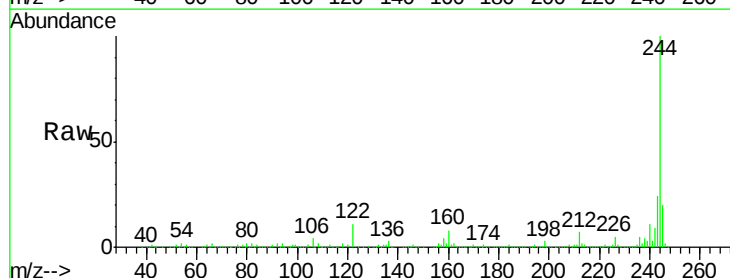
Tgt Ion:244 Resp: 1640719

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

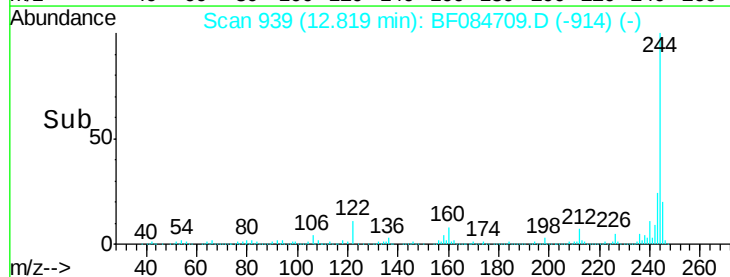
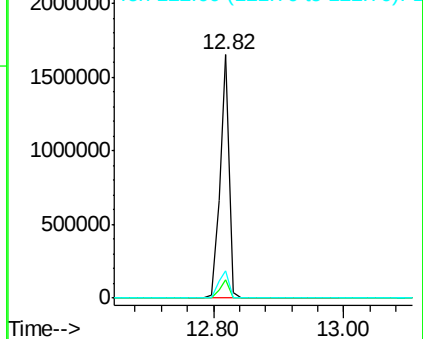
122 11.0 7.4 11.0

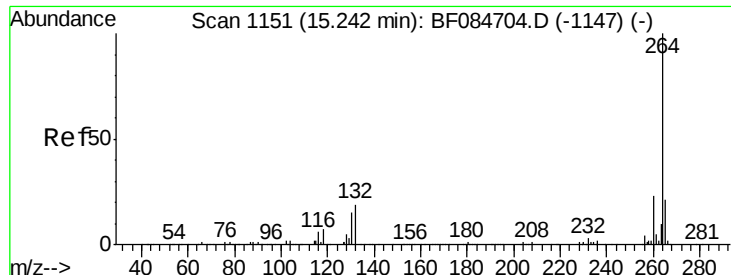


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

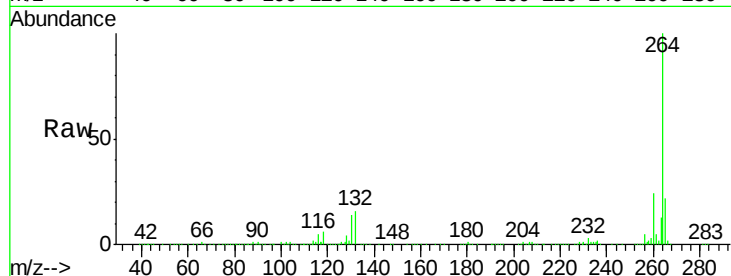




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084709.D
Acq: 1 Feb 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB88000BL

Tgt Ion: 264 Resp: 455633
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.9 17.8 26.6



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

