

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084872.D
 Acq On : 5 Feb 2016 21:01
 Operator : SJ/IZ
 Sample : PB88197BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BL

Quant Time: Feb 05 22:22:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

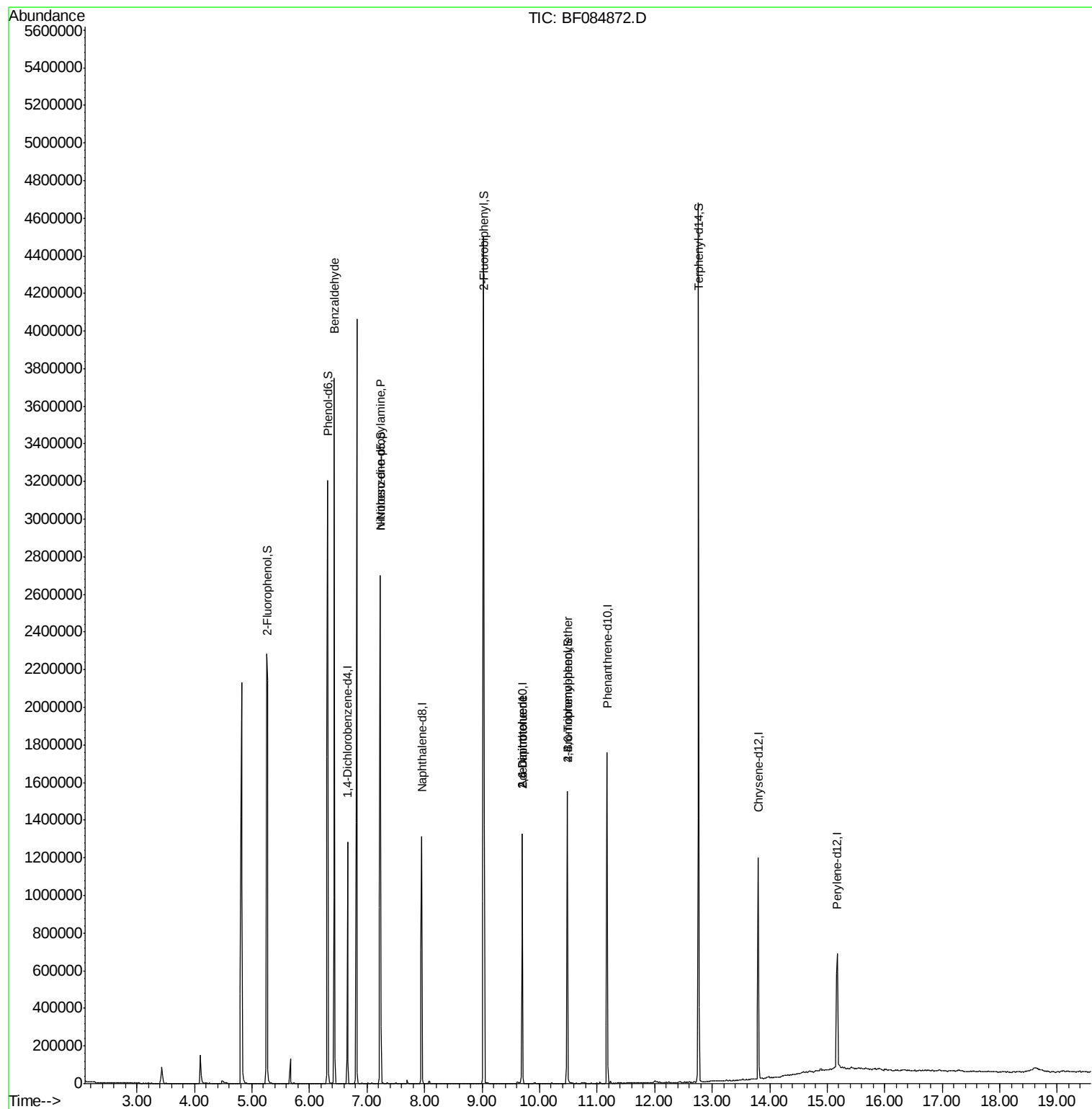
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170794	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	718383	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	321720	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	592664	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	419811	20.00	ng	-0.03
86) Perylene-d12	15.17	264	316559	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	923441	84.22	ng	-0.01
7) Phenol-d6	6.32	99	1218699	89.65	ng	-0.02
23) Nitrobenzene-d5	7.23	82	917142	71.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	292684	87.22	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1580177	81.60	ng	-0.03
78) Terphenyl-d14	12.76	244	1422770	76.80	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.43	77	23041	2.87	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.23	70	125658	14.75	ng	# 71
50) 2,6-Dinitrotoluene	9.70	165	39488	7.38	ng	# 38
56) 2,4-Dinitrotoluene	9.70	165	39488	5.78	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	18204	2.78	ng	# 1

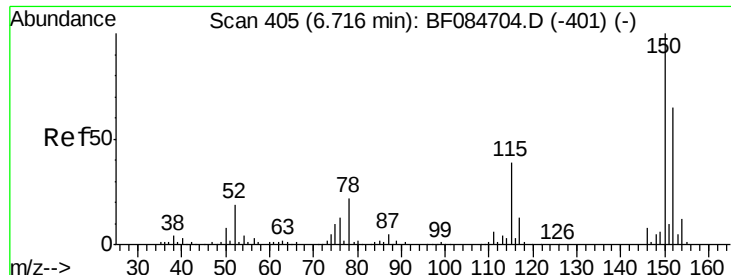
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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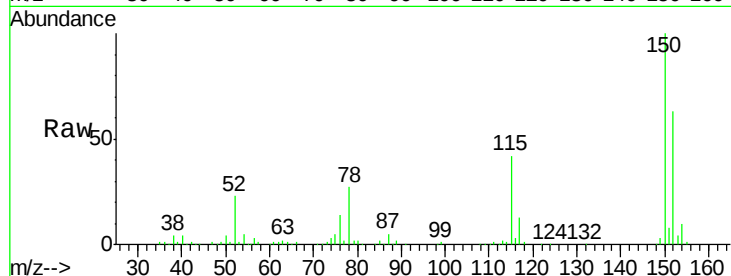




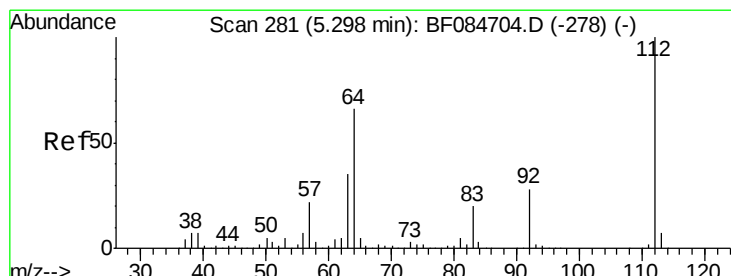
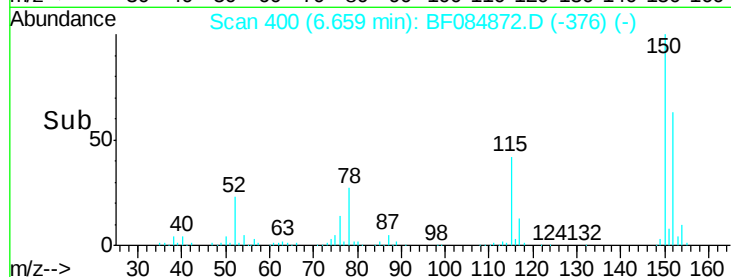
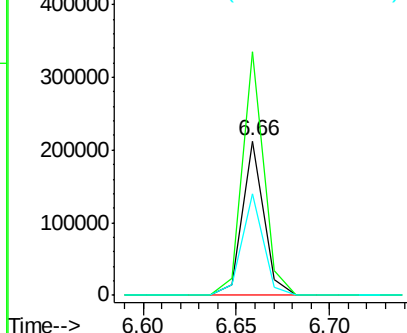
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BL

Tgt Ion:152 Resp: 170794
 Ion Ratio Lower Upper
 152 100
 150 158.1 123.0 184.4
 115 66.0 51.4 77.2

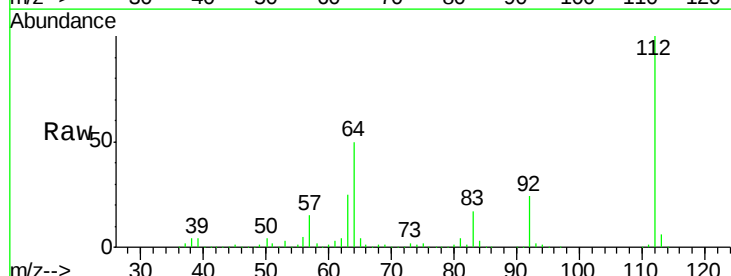


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

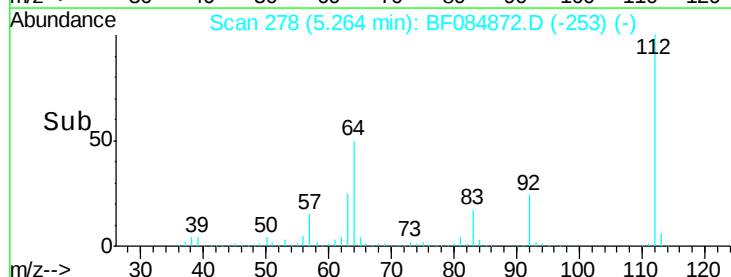
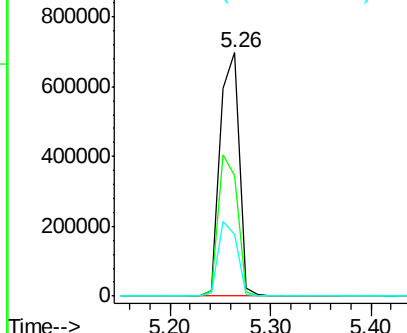


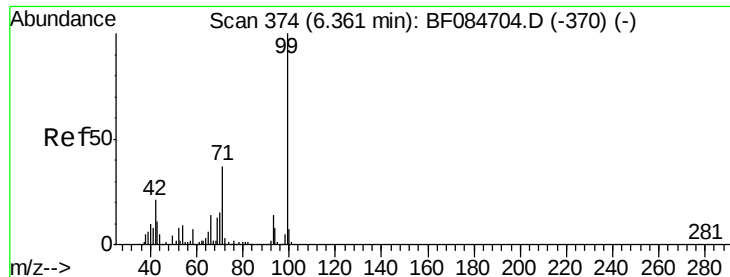
#5
 2-Fluorophenol
 Concen: 84.22 ng
 RT: 5.26 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

Tgt Ion:112 Resp: 923441
 Ion Ratio Lower Upper
 112 100
 64 49.7 36.6 55.0
 63 25.5 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: 89.65 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

Instrument :

BNA_F

ClientSampleId :

PB88197BL

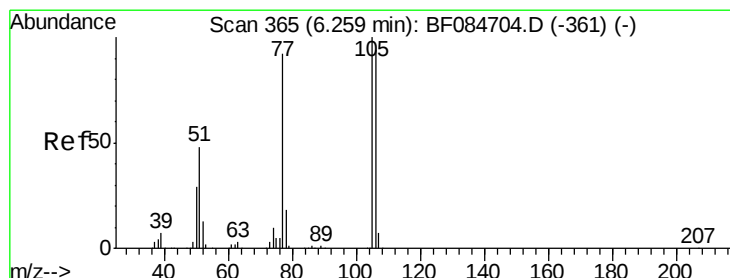
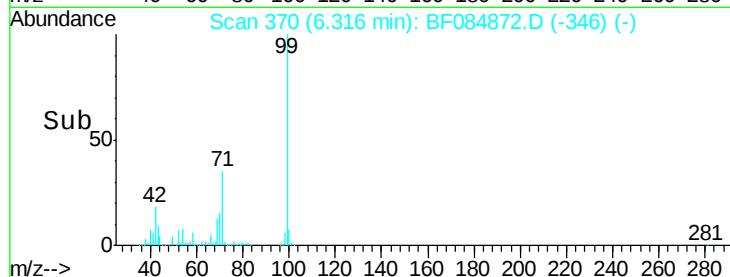
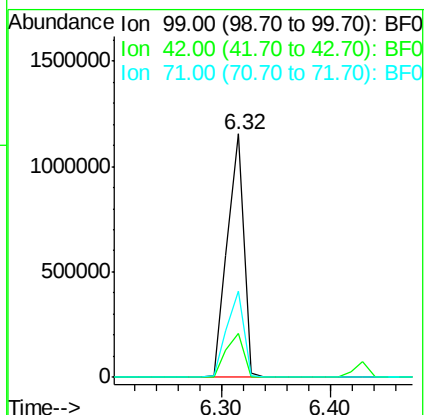
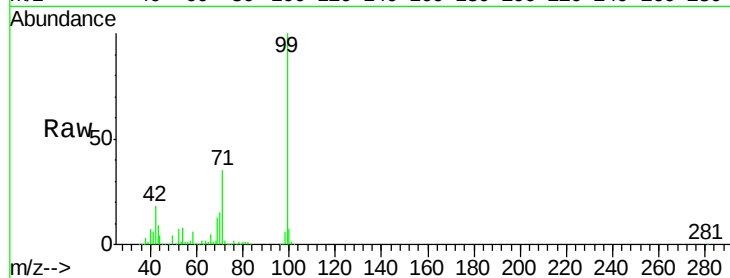
Tgt Ion: 99 Resp: 1218699

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

71 35.4 30.9 46.3



#9

Benzaldehyde

Concen: 2.87 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.19 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

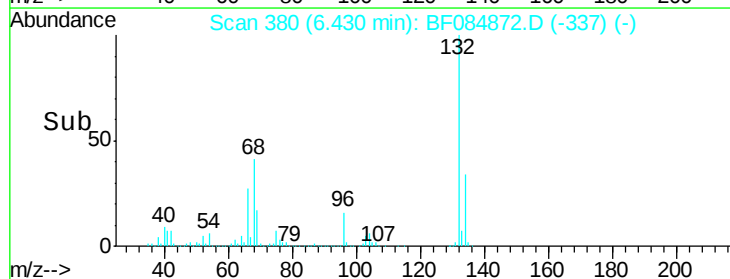
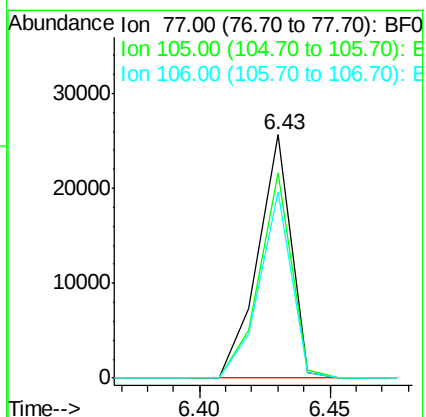
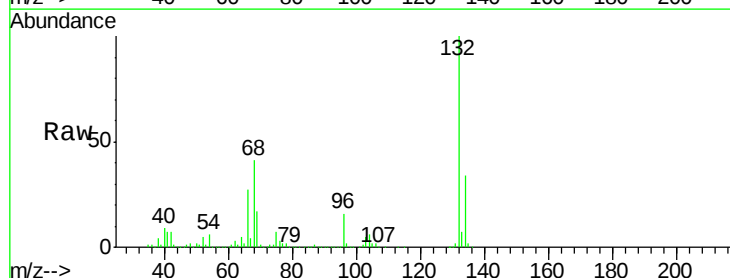
Tgt Ion: 77 Resp: 23041

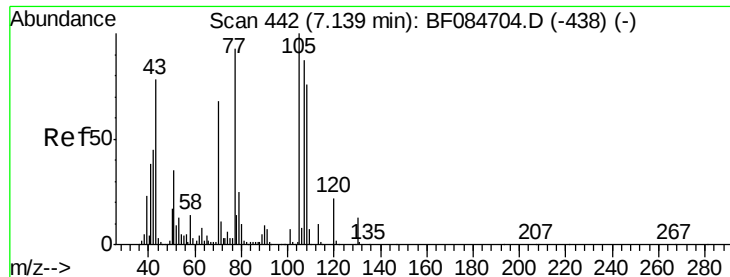
Ion Ratio Lower Upper

77 100

105 84.5 83.0 123.0

106 76.5 74.6 114.6

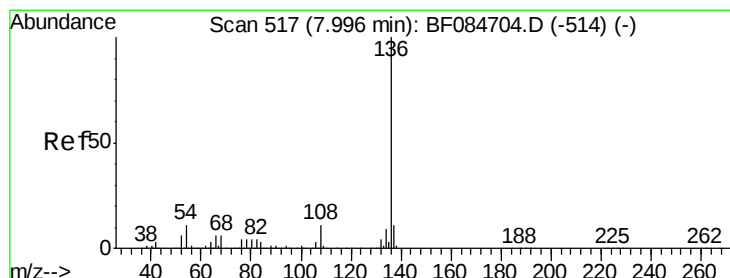
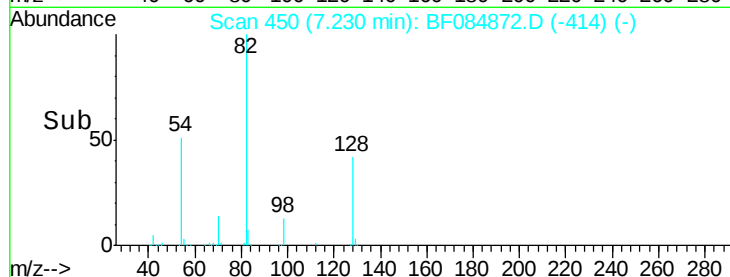
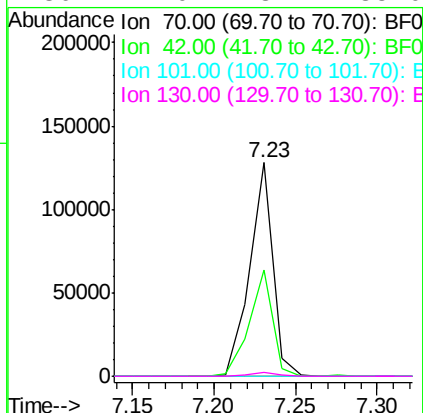
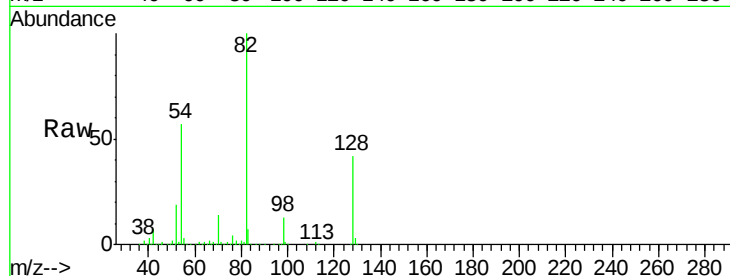




#19
n-Nitroso-di-n-propylamine
Concen: 14.75 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084872.D
Acq: 5 Feb 2016 21:01

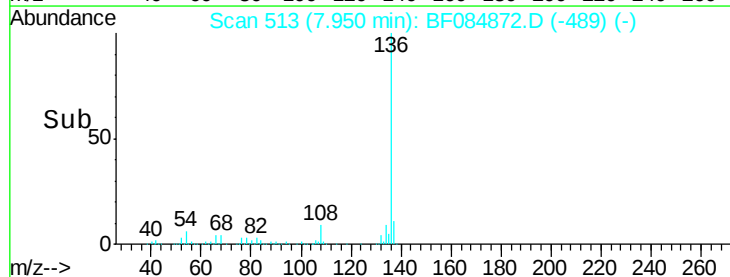
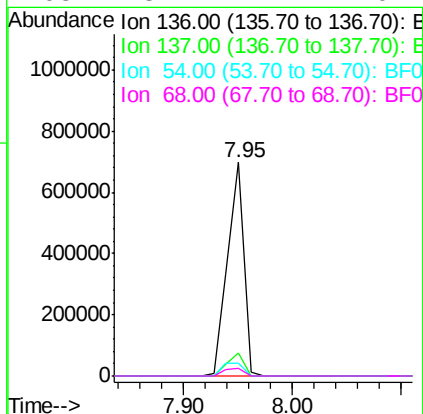
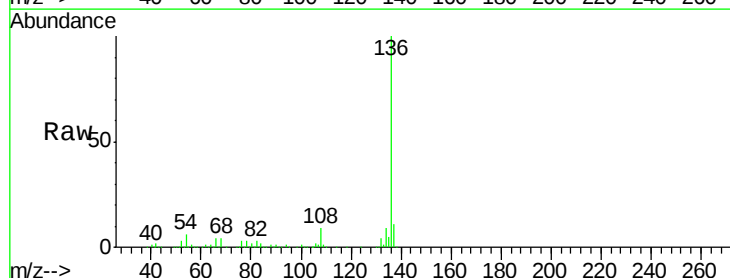
Instrument :
BNA_F
ClientSampleId :
PB88197BL

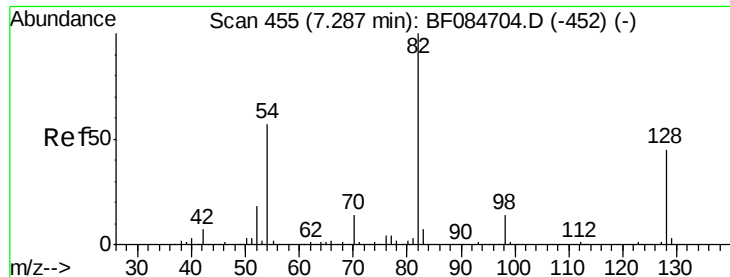
Tgt Ion:	70	Resp:	125658
Ion	Ratio	Lower	Upper
70	100		
42	49.5	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084872.D
Acq: 5 Feb 2016 21:01

Tgt Ion:	136	Resp:	718383
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.1	5.8	8.8
68	3.7	4.2	6.2#

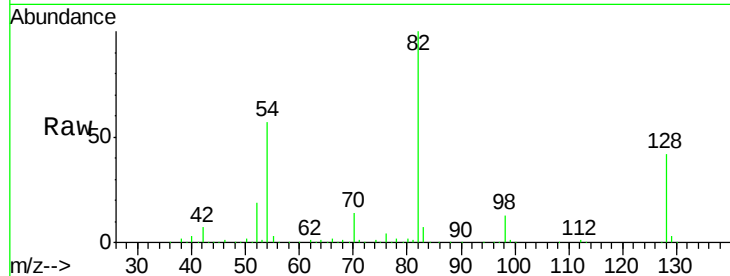




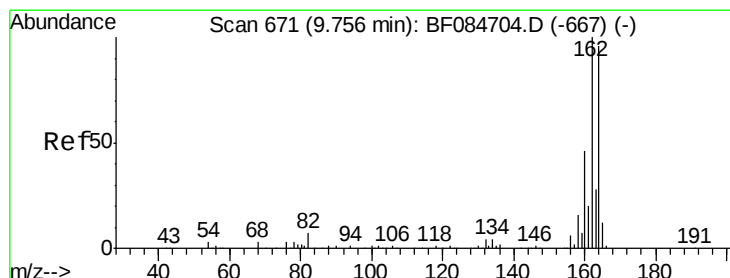
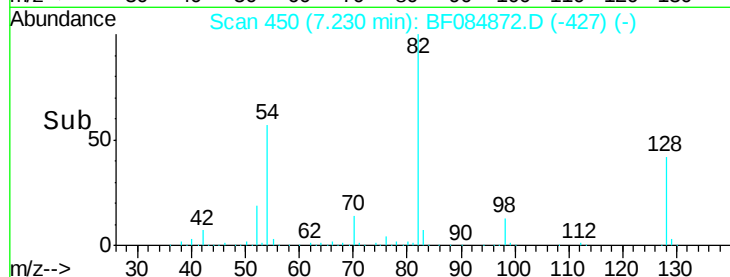
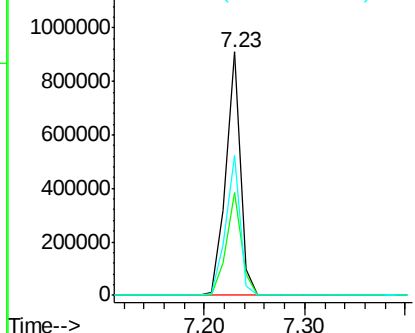
#23
 Nitrobenzene-d5
 Concen: 71.92 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.03 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BL

Tgt Ion: 82 Resp: 917142
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 51.8
 54 57.5 38.4 57.6

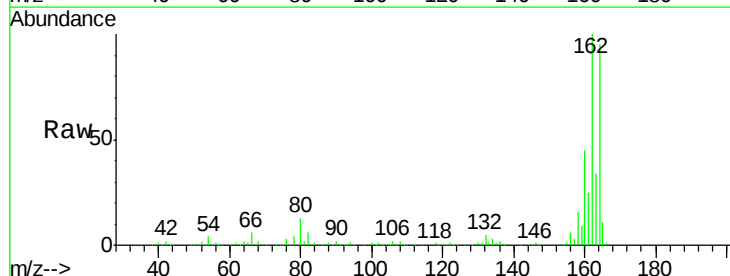


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

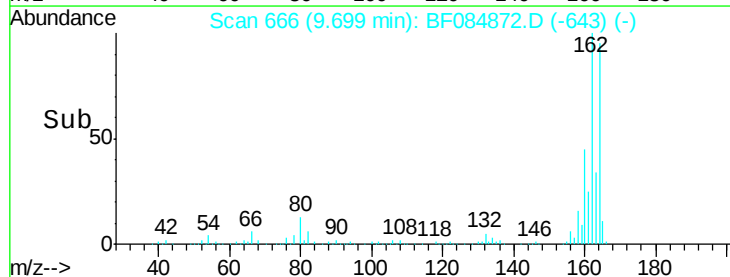
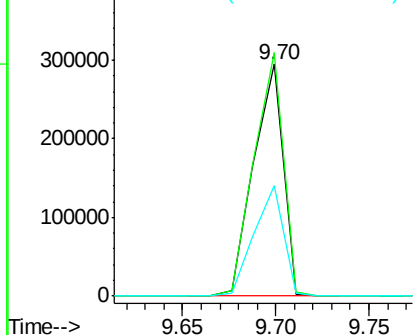


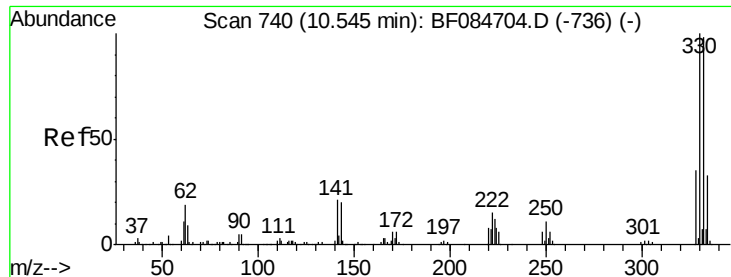
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

Tgt Ion: 164 Resp: 321720
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 47.7 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

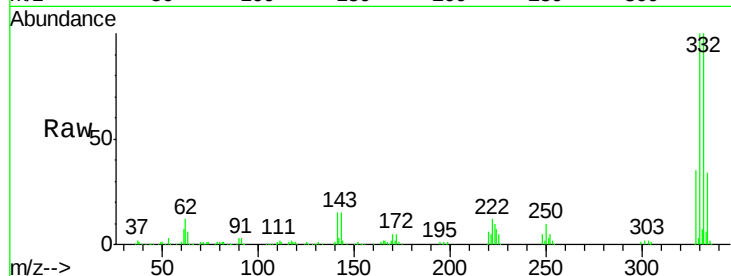




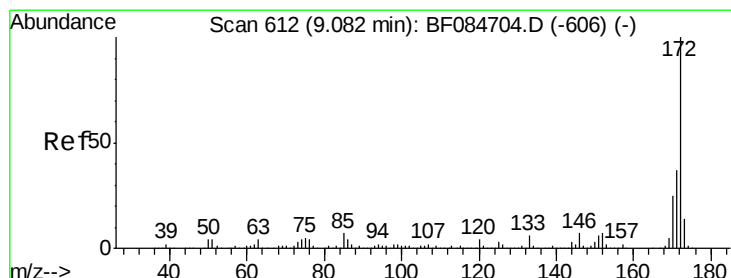
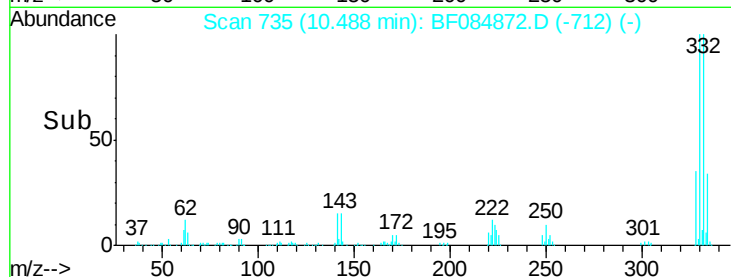
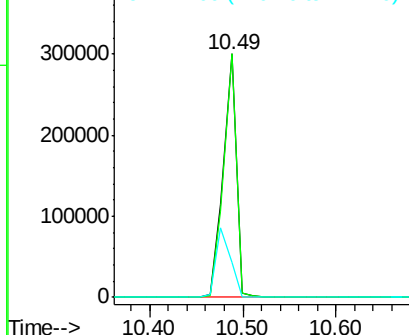
#41
 2,4,6-Tribromophenol
 Concen: 87.22 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 292684
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 31.8 27.8 41.6

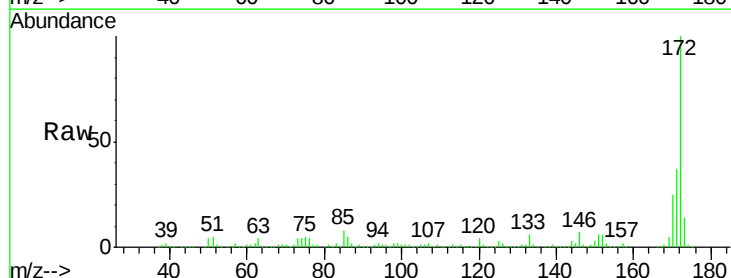


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

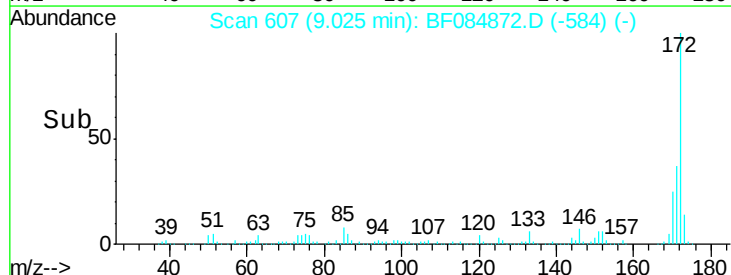
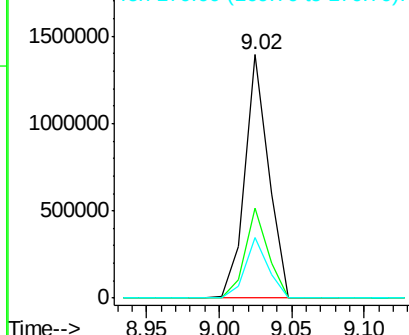


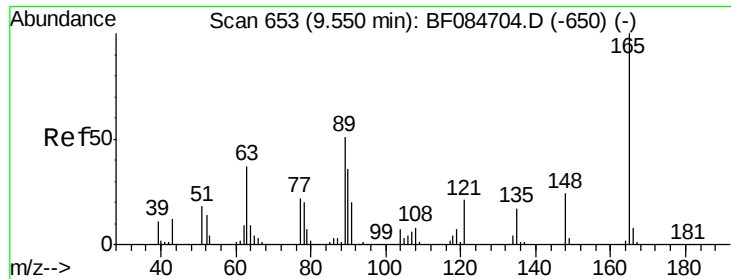
#44
 2-Fluorobiphenyl
 Concen: 81.60 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

Tgt Ion:172 Resp: 1580177
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 25.0 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

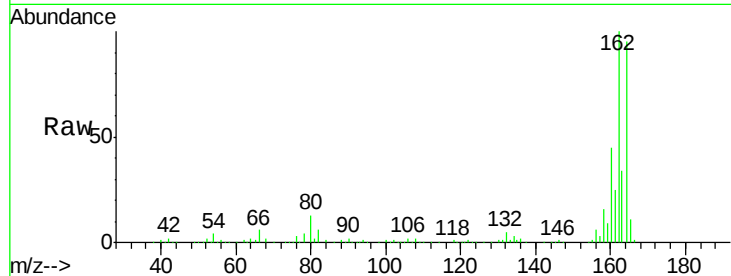




#50
 2,6-Dinitrotoluene
 Concen: 7.38 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.17 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB88197BL

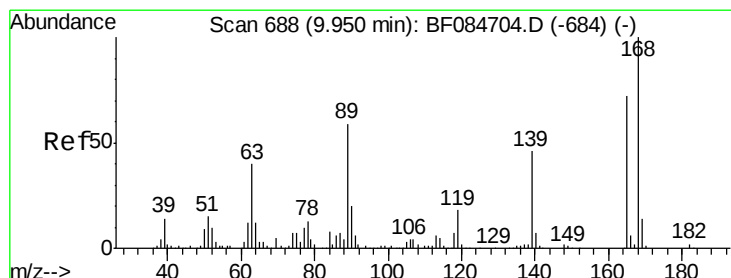
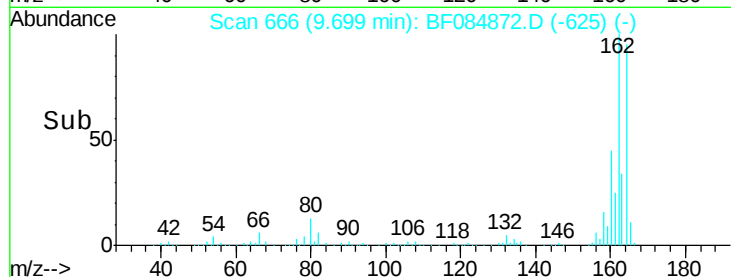
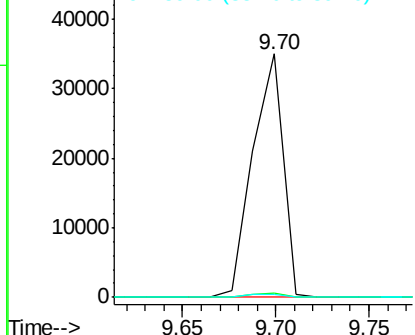
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.8	43.2#
89	1.4	35.1	52.7#



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: 5.78 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084872.D
 Acq: 5 Feb 2016 21:01

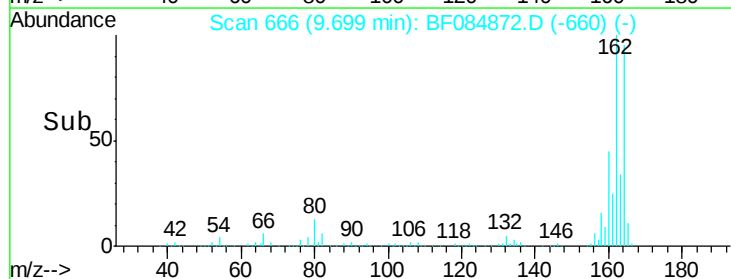
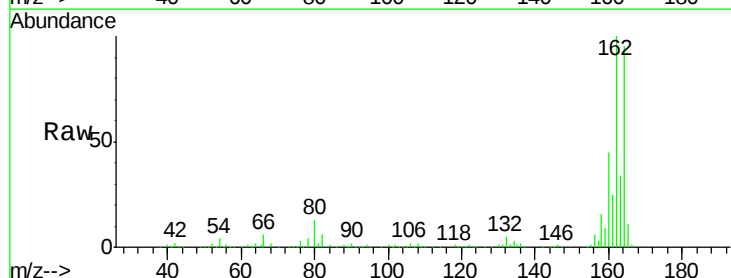
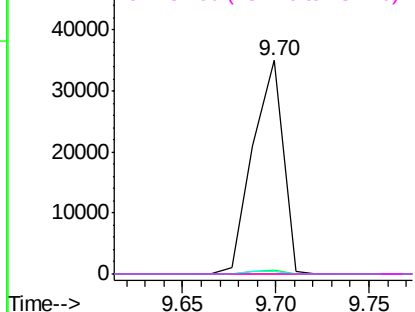
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.4	61.9	92.9#
182	0.0	2.0	3.0#

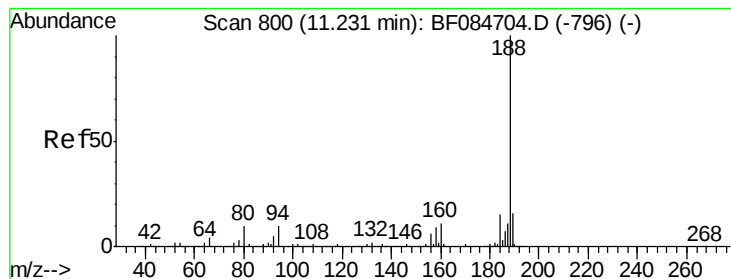
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

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PB88197BL

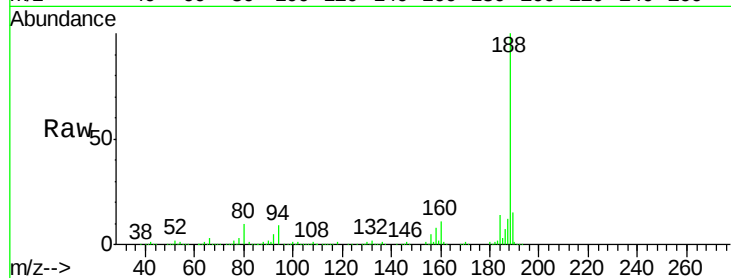
Tgt Ion:188 Resp: 592664

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

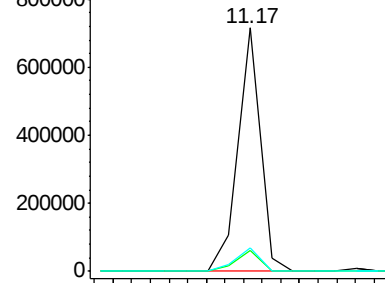
80 9.6 9.6 14.4#



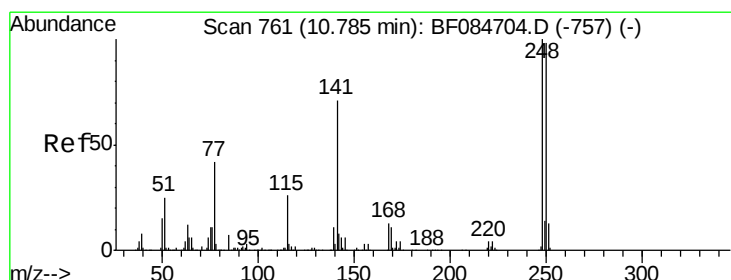
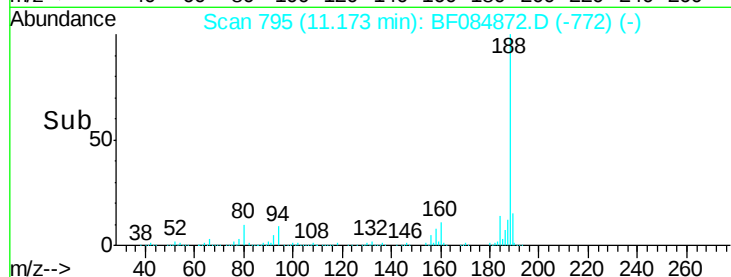
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.78 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

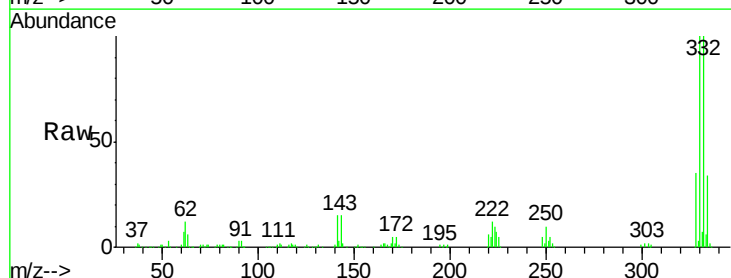
Tgt Ion:248 Resp: 18204

Ion Ratio Lower Upper

248 100

250 191.8 78.4 117.6#

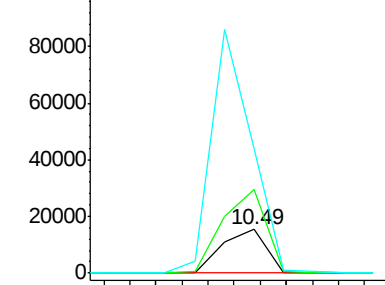
141 285.9 44.0 66.0#



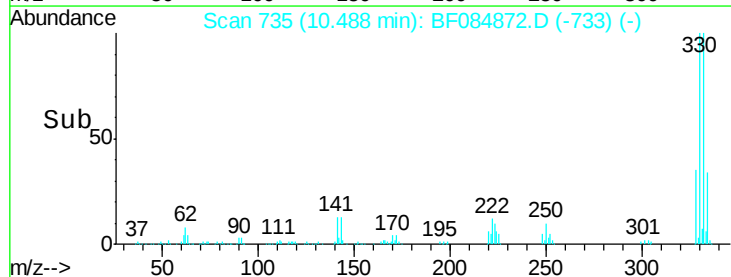
Abundance Ion 248.00 (247.70 to 248.70): E

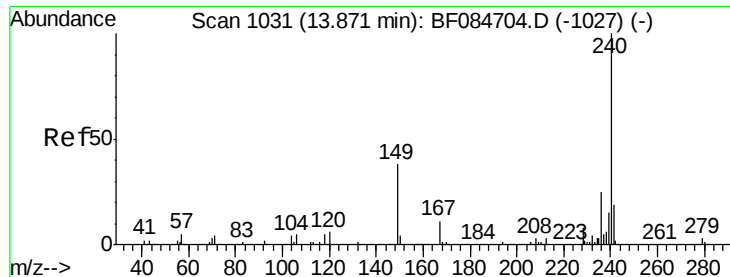
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

Instrument :

BNA_F

ClientSampleId :

PB88197BL

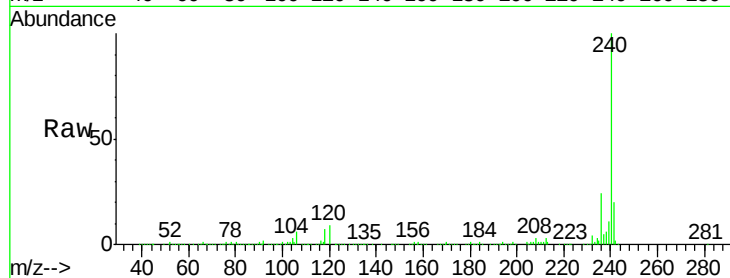
Tgt Ion:240 Resp: 419811

Ion Ratio Lower Upper

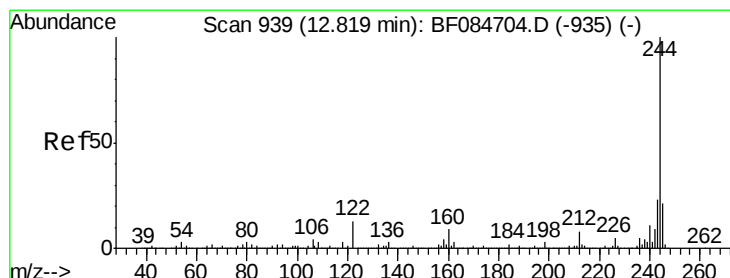
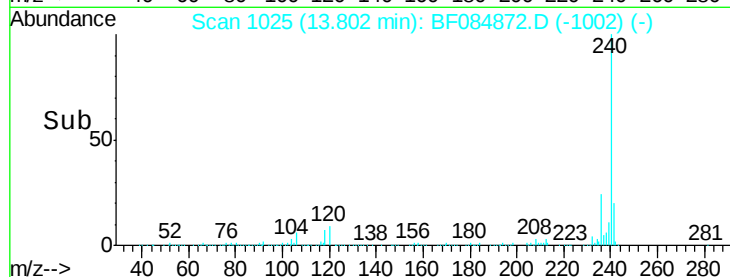
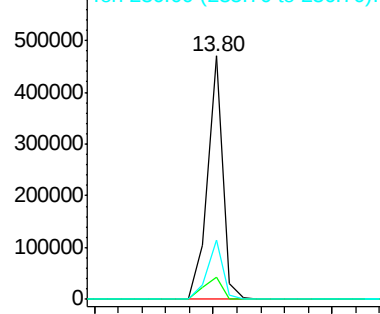
240 100

120 9.1 9.5 14.3#

236 24.1 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: 76.80 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084872.D

Acq: 5 Feb 2016 21:01

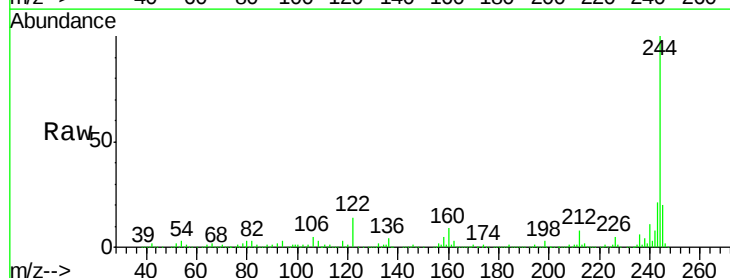
Tgt Ion:244 Resp: 1422770

Ion Ratio Lower Upper

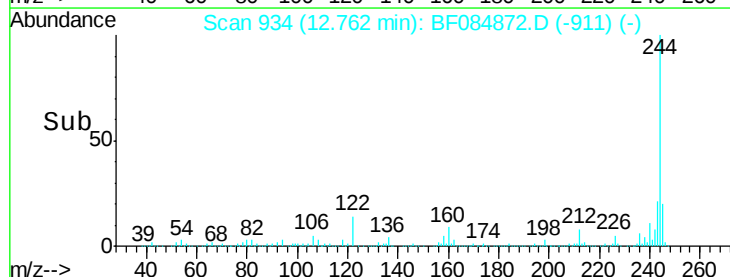
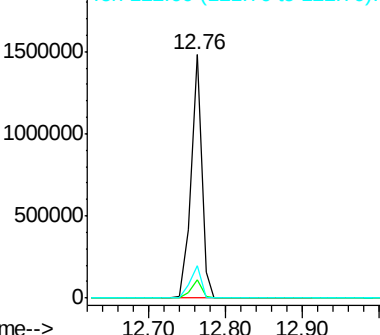
244 100

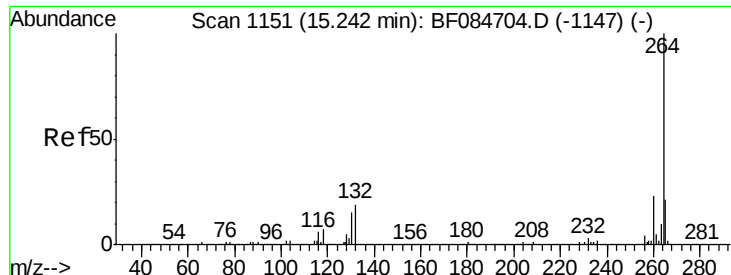
212 7.6 5.7 8.5

122 13.6 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

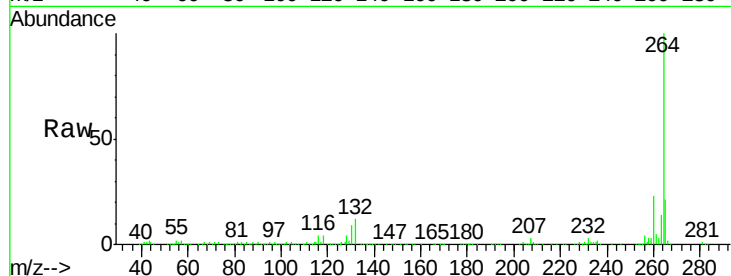




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084872.D
Acq: 5 Feb 2016 21:01

Instrument :
BNA_F
ClientSampleId :
PB88197BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.1	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

