

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084834.D
 Acq On : 4 Feb 2016 17:49
 Operator : SJ/IZ
 Sample : PB88185BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88185BL

Quant Time: Feb 05 01:37:00 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

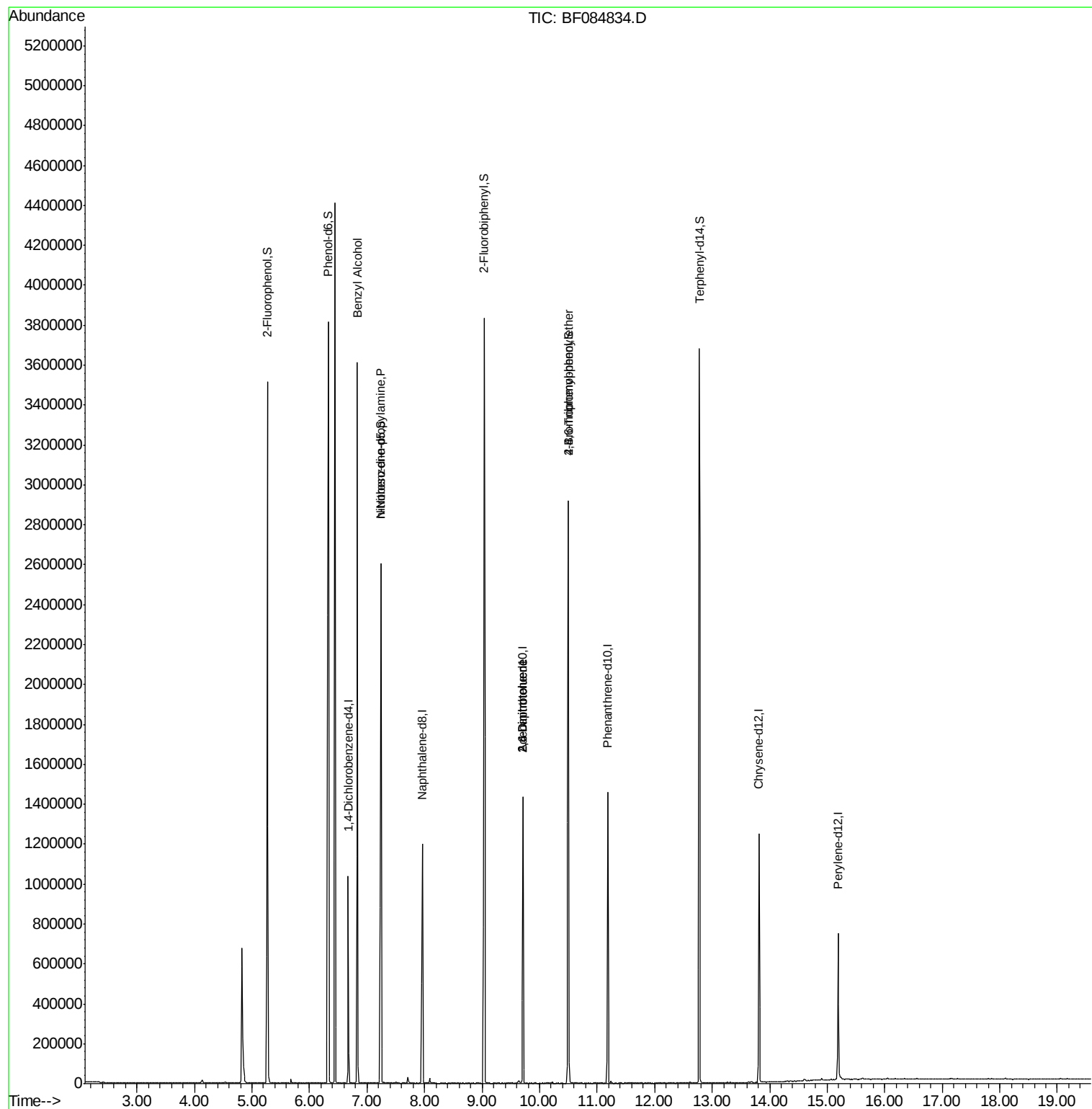
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	139709	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	597125	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	286846	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	512637	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	442642	20.00	ng	-0.02
86) Perylene-d12	15.19	264	326548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1075840	119.94	ng	-0.01
7) Phenol-d6	6.33	99	1535380	138.08	ng	-0.01
23) Nitrobenzene-d5	7.24	82	845971	79.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	369453	123.48	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1488602	88.68	ng	-0.02
78) Terphenyl-d14	12.77	244	1611536	82.50	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.83	79	17155	2.23	ng	# 46
19) n-Nitroso-di-n-propylamine	7.24	70	117149	16.81	ng	# 71
50) 2,6-Dinitrotoluene	9.71	165	36636	7.68	ng	# 37
56) 2,4-Dinitrotoluene	9.71	165	36636	6.02	ng	# 21
66) 4-Bromophenyl-phenylether	10.50	248	24890	4.40	ng	# 1

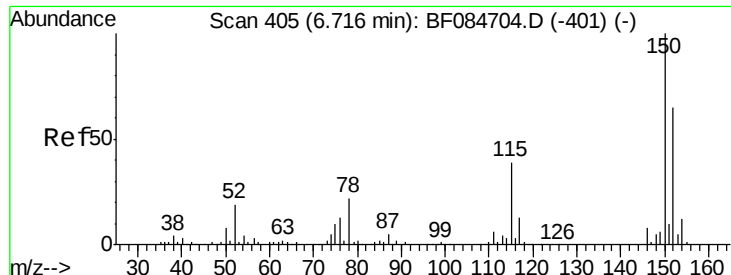
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084834.D

Acq: 4 Feb 2016 17:49

Instrument :

BNA_F

ClientSampleId :

PB88185BL

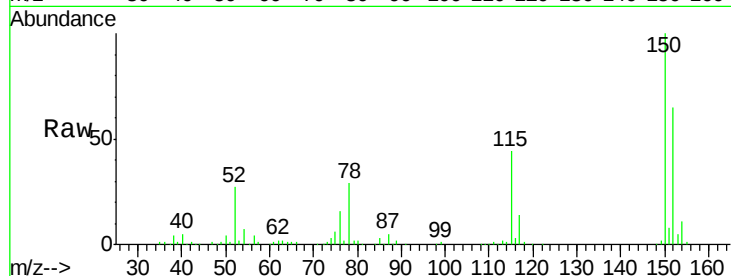
Tgt Ion:152 Resp: 139709

Ion Ratio Lower Upper

152 100

150 153.6 123.0 184.4

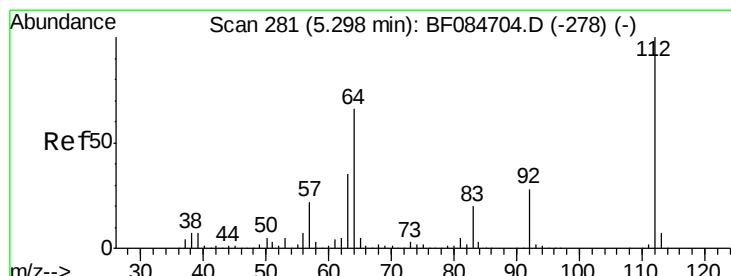
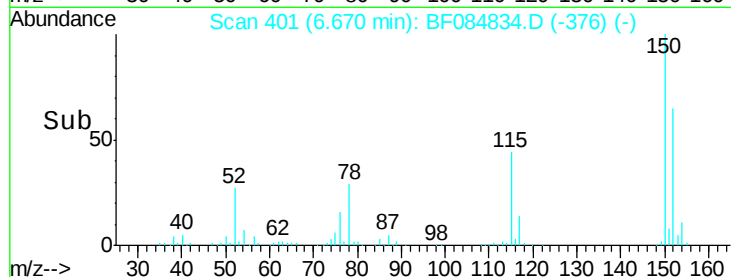
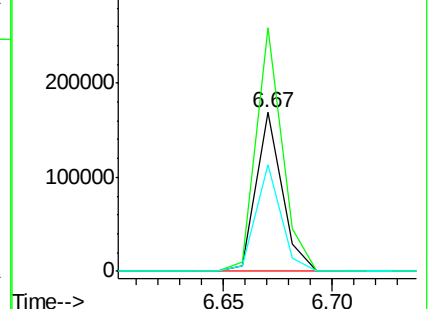
115 67.2 51.4 77.2



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: 119.94 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084834.D

Acq: 4 Feb 2016 17:49

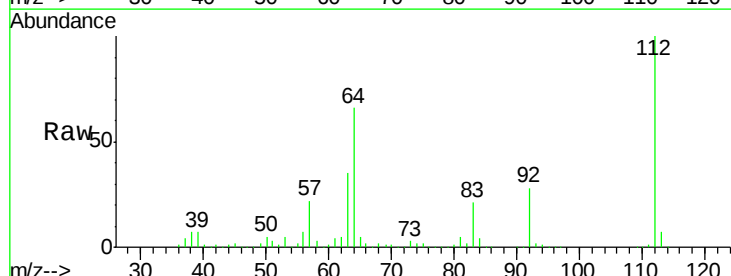
Tgt Ion:112 Resp: 1075840

Ion Ratio Lower Upper

112 100

64 66.1 36.6 55.0#

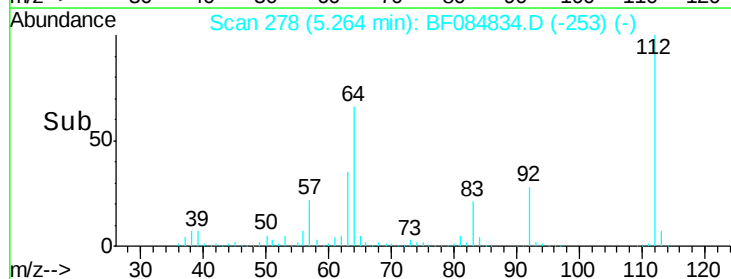
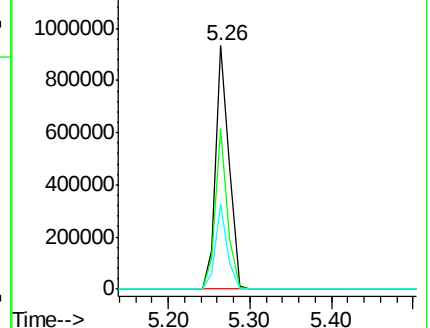
63 34.6 19.4 29.0#

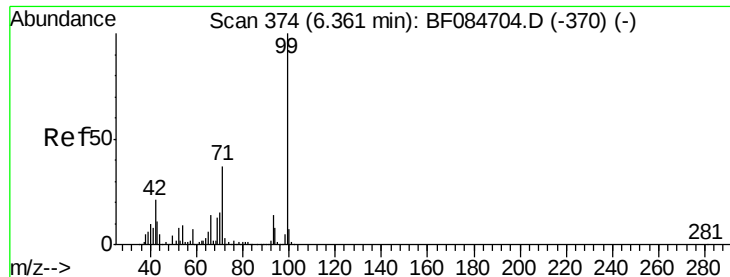


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.08 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084834.D

Acq: 4 Feb 2016 17:49

Instrument :

BNA_F

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PB88185BL

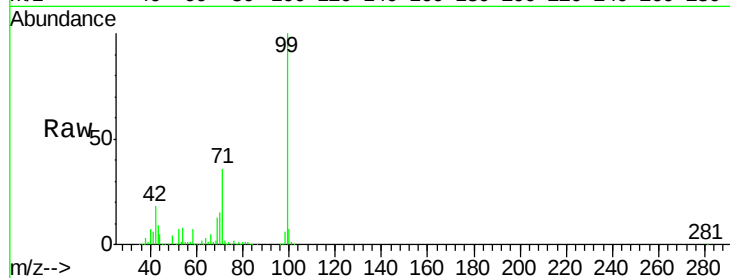
Tgt Ion: 99 Resp: 1535380

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

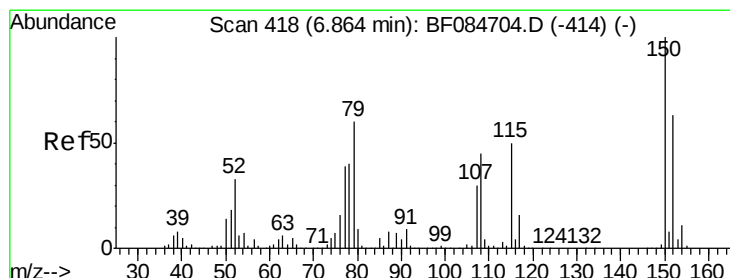
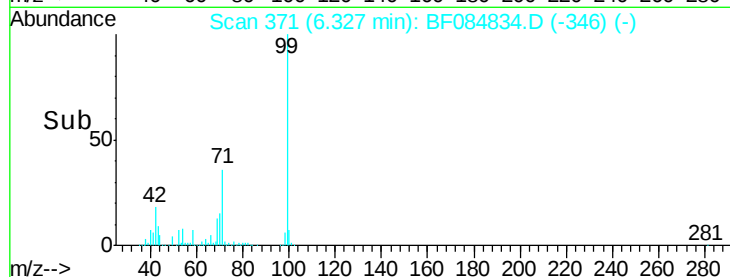
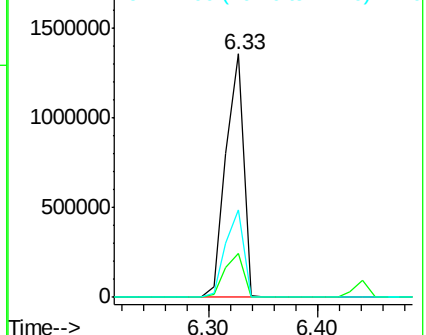
71 36.2 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF084834.D

Acq: 4 Feb 2016 17:49

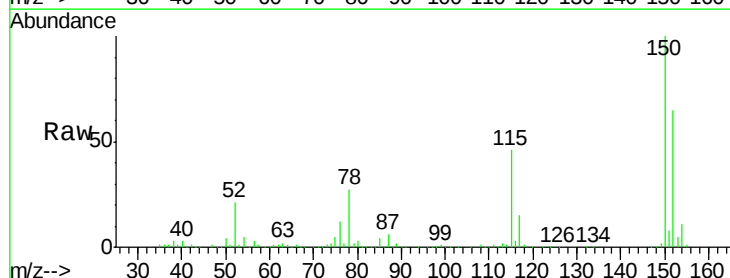
Tgt Ion: 79 Resp: 17155

Ion Ratio Lower Upper

79 100

108 31.0 69.0 103.4#

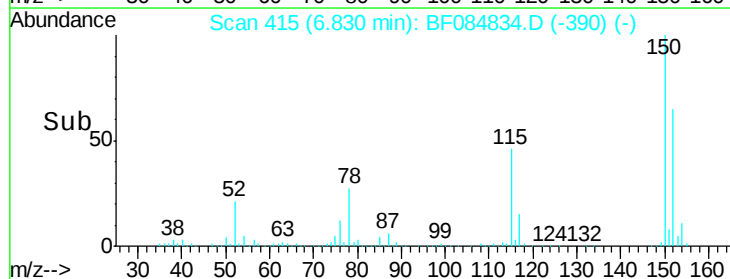
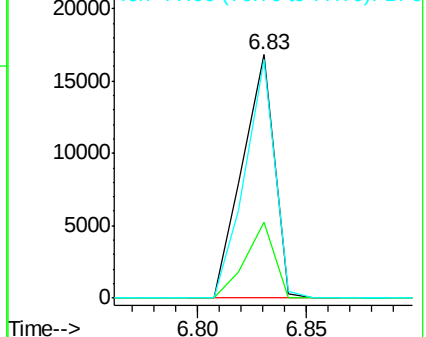
77 97.9 50.0 75.0#

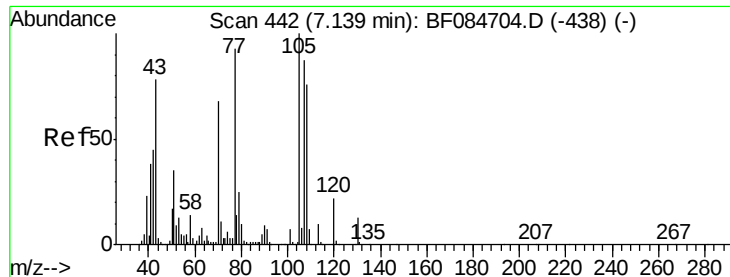


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

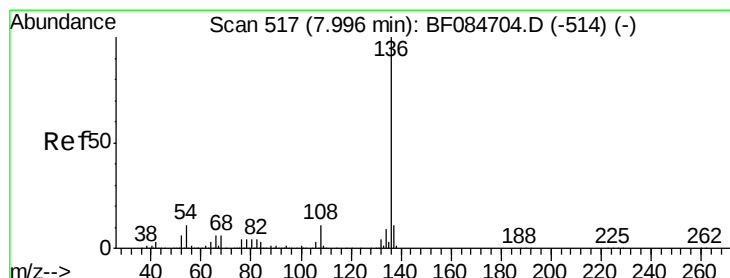
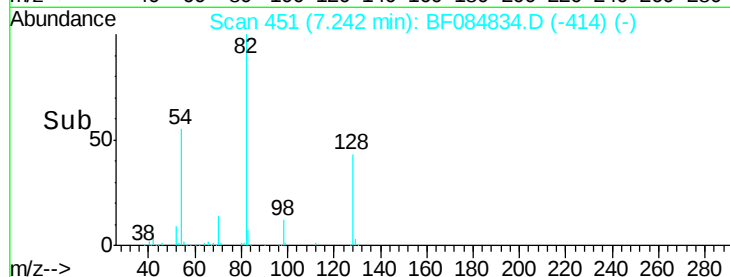
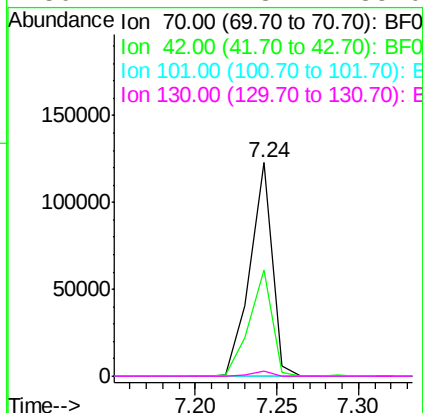
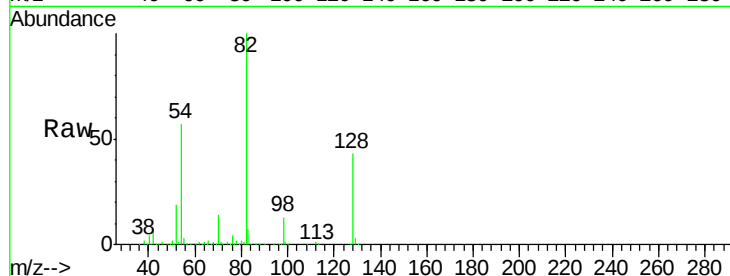




#19
n-Nitroso-di-n-propylamine
Concen: 16.81 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF084834.D
Acq: 4 Feb 2016 17:49

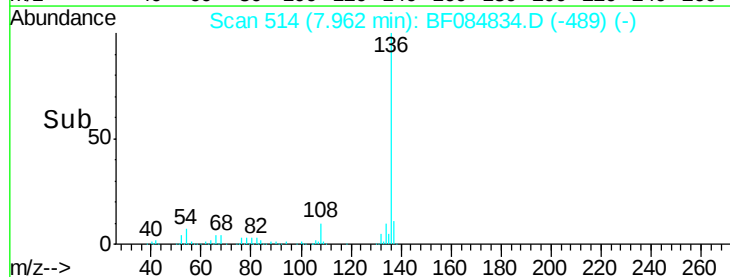
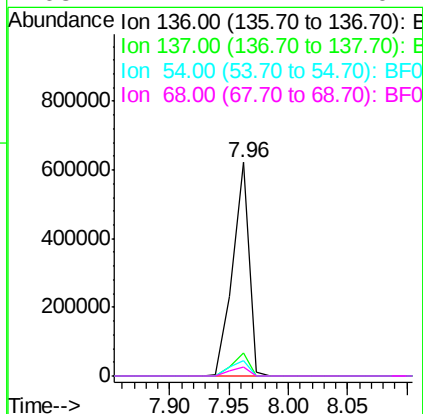
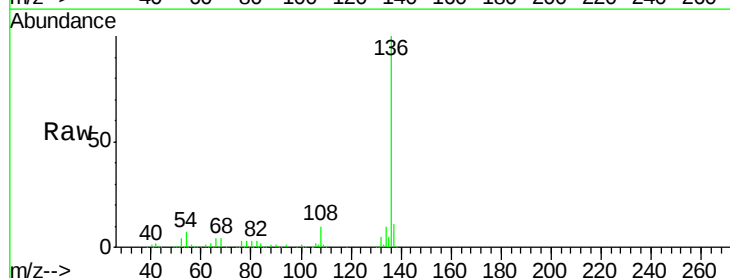
Instrument :
BNA_F
ClientSampleId :
PB88185BL

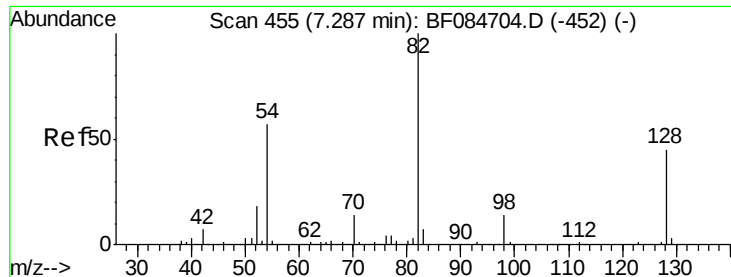
Tgt Ion: 70 Resp: 117149
Ion Ratio Lower Upper
70 100
42 49.8 33.3 49.9
101 0.0 9.3 13.9#
130 2.1 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084834.D
Acq: 4 Feb 2016 17:49

Tgt Ion: 136 Resp: 597125
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.3 5.8 8.8
68 4.1 4.2 6.2#

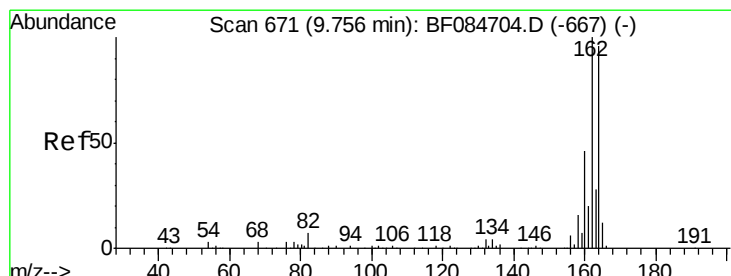
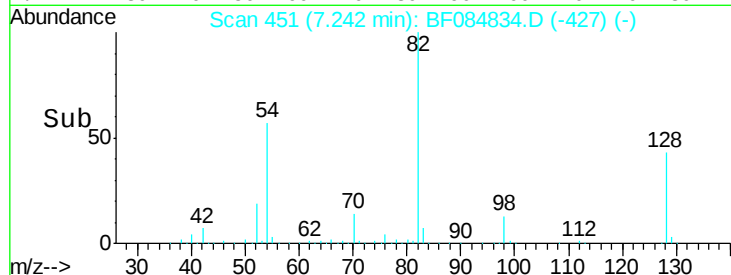
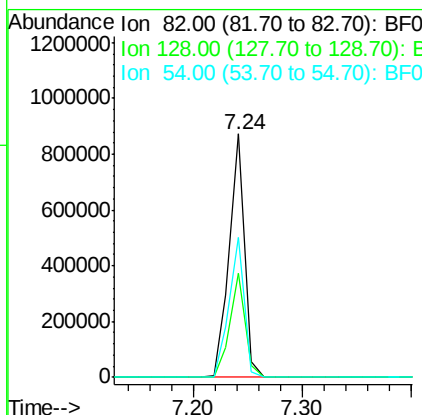
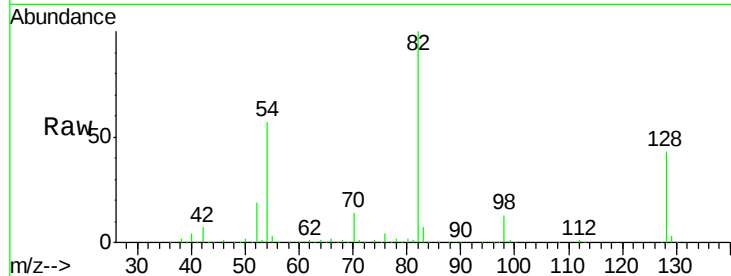




#23
 Nitrobenzene-d5
 Concen: 79.81 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084834.D
 Acq: 4 Feb 2016 17:49

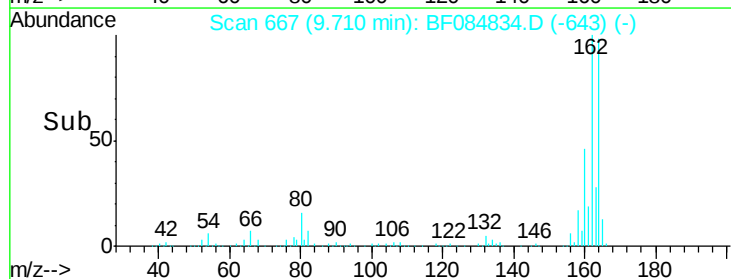
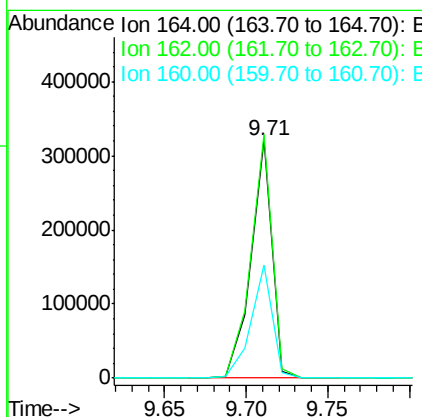
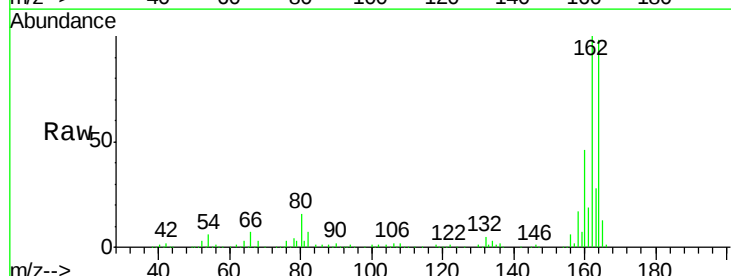
Instrument :
 BNA_F
 ClientSampleID :
 PB88185BL

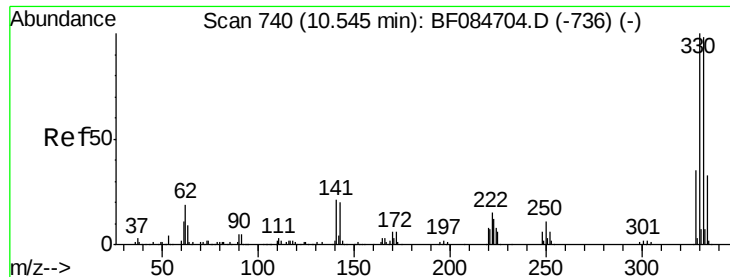
Tgt Ion: 82 Resp: 845971
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 51.8
 54 57.3 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084834.D
 Acq: 4 Feb 2016 17:49

Tgt Ion: 164 Resp: 286846
 Ion Ratio Lower Upper
 164 100
 162 102.1 85.1 127.7
 160 47.4 37.5 56.3

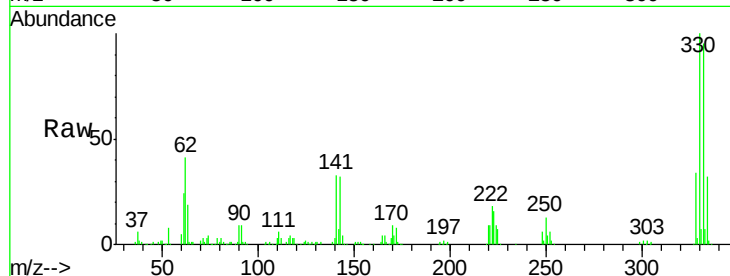




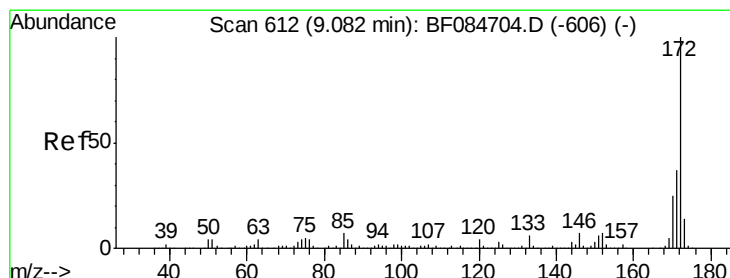
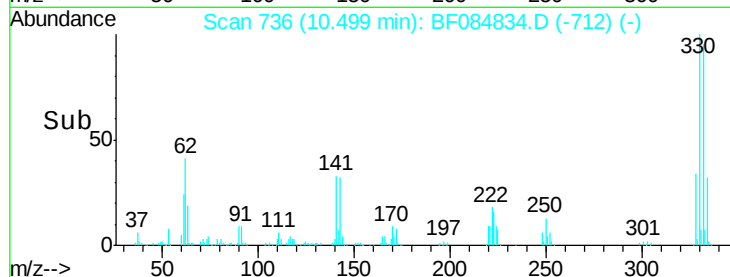
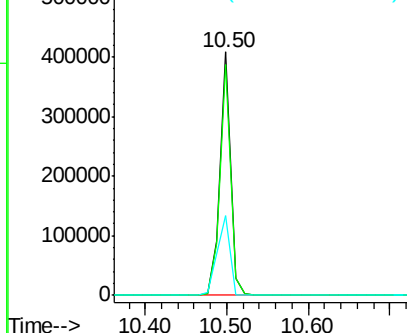
#41
 2,4,6-Tribromophenol
 Concen: 123.48 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084834.D
 Acq: 4 Feb 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB88185BL

Tgt Ion:330 Resp: 369453
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 39.1 27.8 41.6

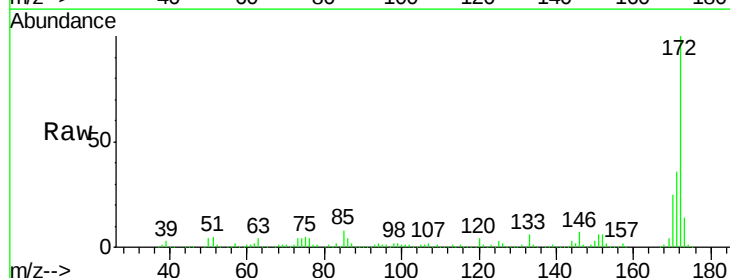


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

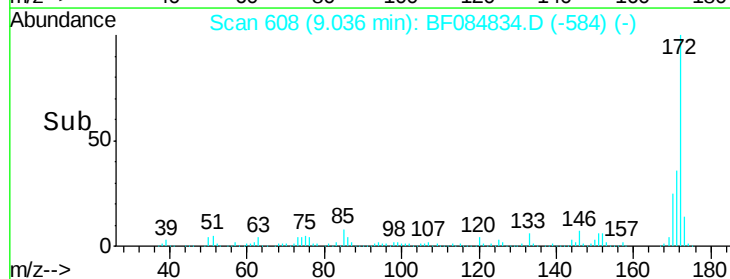
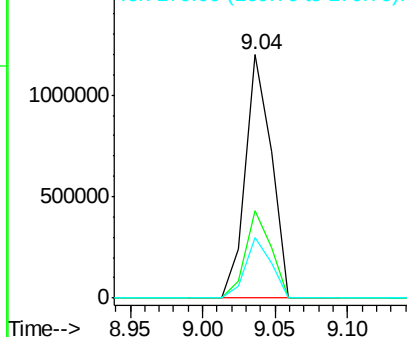


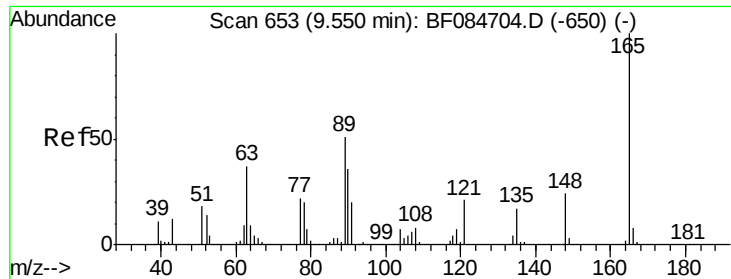
#44
 2-Fluorobiphenyl
 Concen: 88.68 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084834.D
 Acq: 4 Feb 2016 17:49

Tgt Ion:172 Resp: 1488602
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.7 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: 7.68 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.18 min

Lab File: BF084834.D

Acq: 4 Feb 2016 17:49

Instrument :

BNA_F

ClientSampleId :

PB88185BL

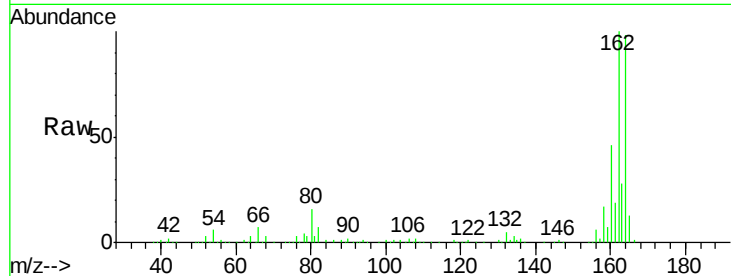
Tgt Ion:165 Resp: 36636

Ion Ratio Lower Upper

165 100

63 1.3 28.8 43.2#

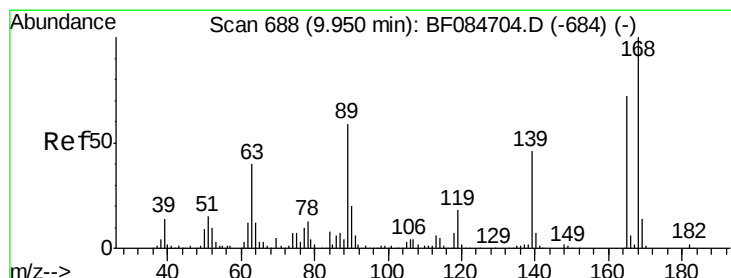
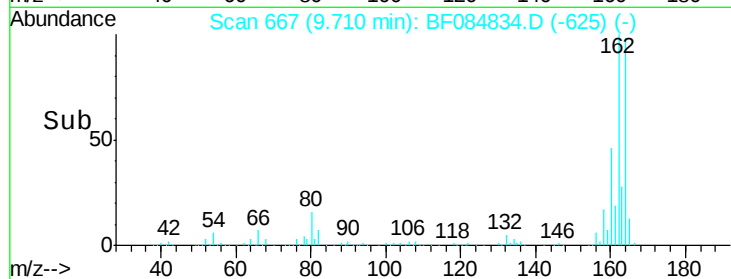
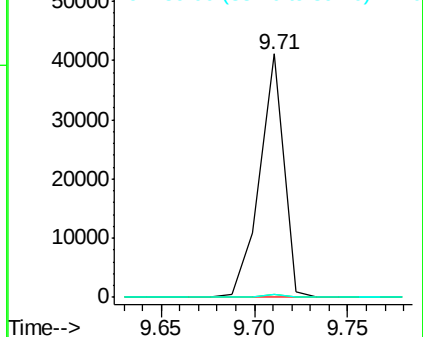
89 1.4 35.1 52.7#



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: 6.02 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.22 min

Lab File: BF084834.D

Acq: 4 Feb 2016 17:49

Tgt Ion:165 Resp: 36636

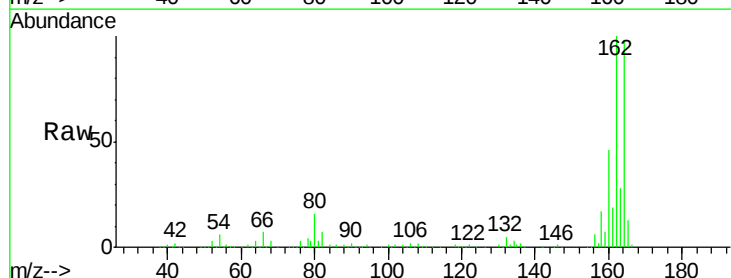
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.4 61.9 92.9#

182 0.0 2.0 3.0#

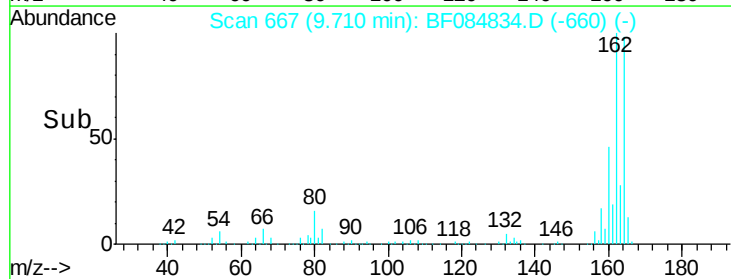
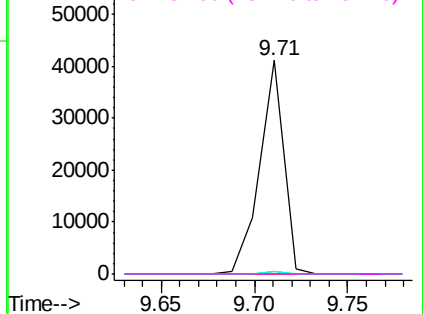


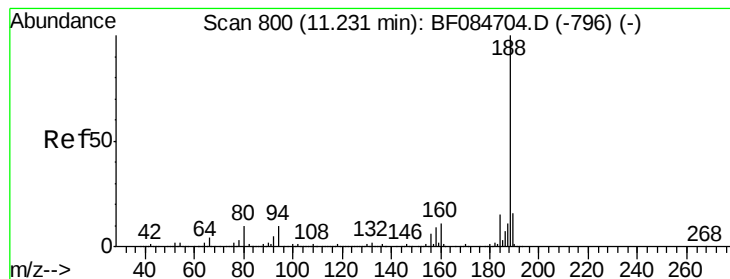
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.18 min Scan# 796

Delta R.T. -0.02 min

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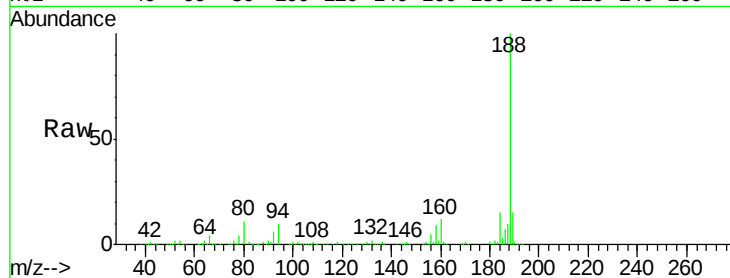
Tgt Ion:188 Resp: 512637

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

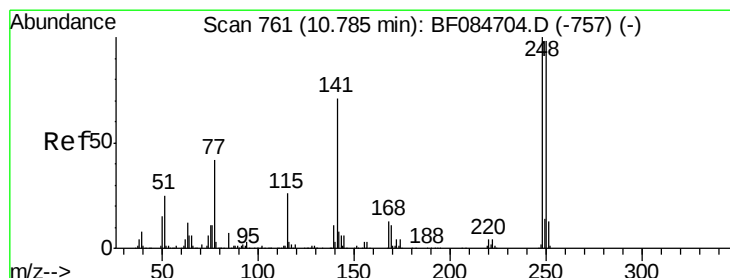
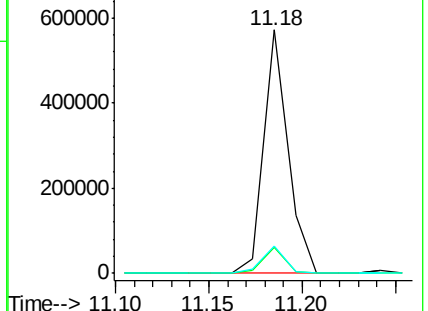
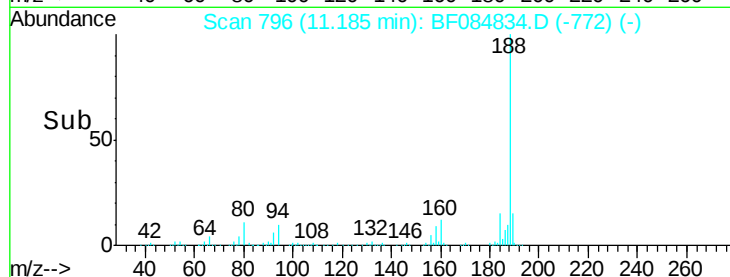
80 11.0 9.6 14.4



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: 4.40 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.26 min

Lab File: BF084834.D

Acq: 4 Feb 2016 17:49

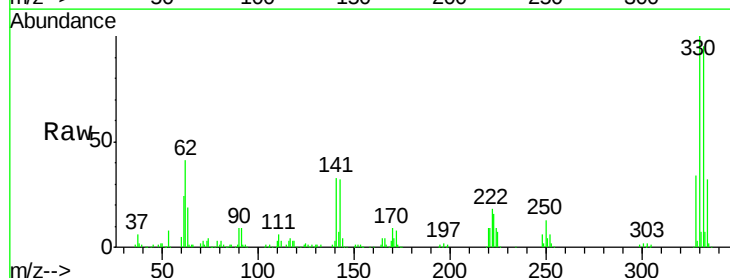
Tgt Ion:248 Resp: 24890

Ion Ratio Lower Upper

248 100

250 202.1 78.4 117.6#

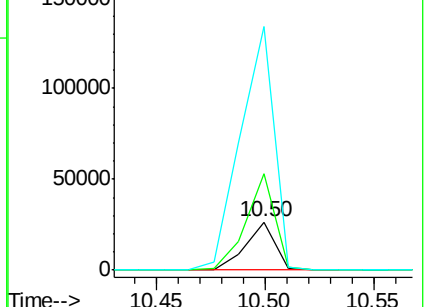
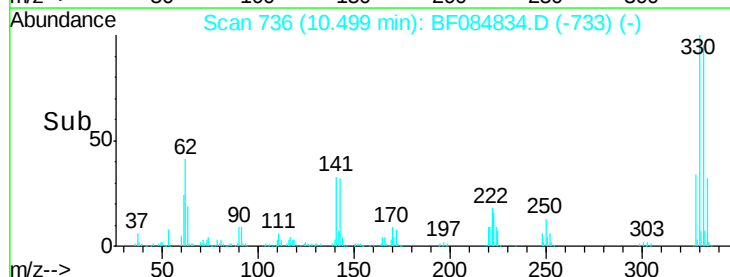
141 508.0 44.0 66.0#

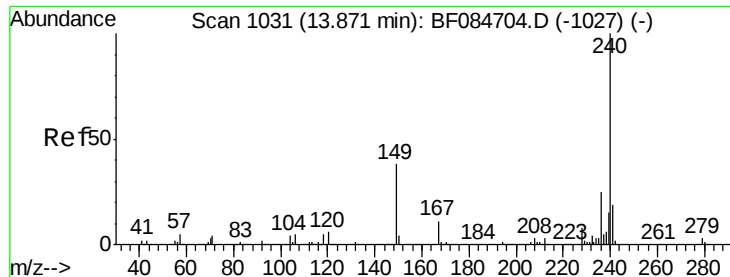


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084834.D

Acq: 4 Feb 2016 17:49

Instrument :

BNA_F

ClientSampleId :

PB88185BL

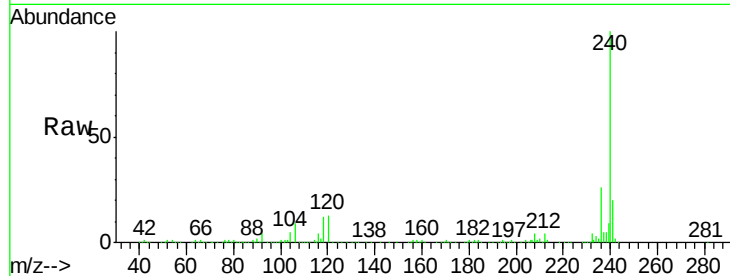
Tgt Ion:240 Resp: 442642

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

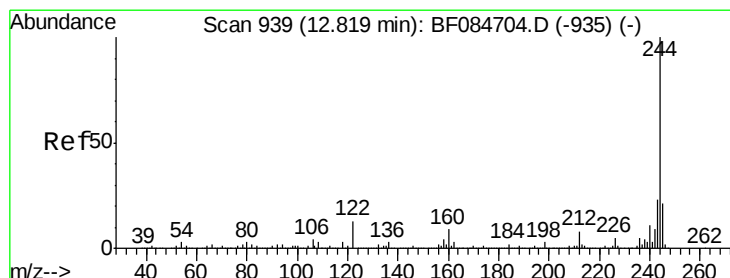
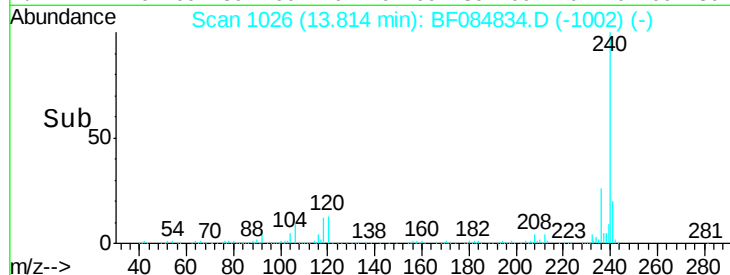
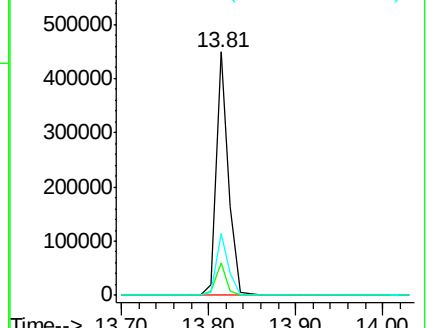
236 25.5 20.6 31.0



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: 82.50 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084834.D

Acq: 4 Feb 2016 17:49

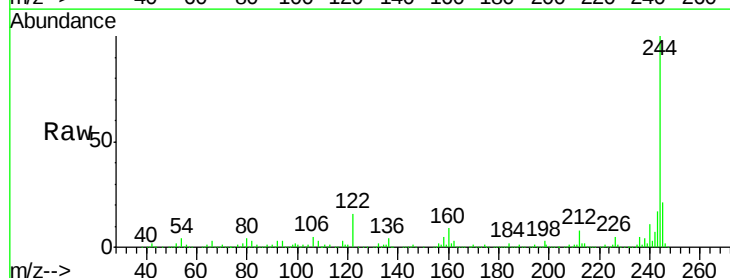
Tgt Ion:244 Resp: 1611536

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

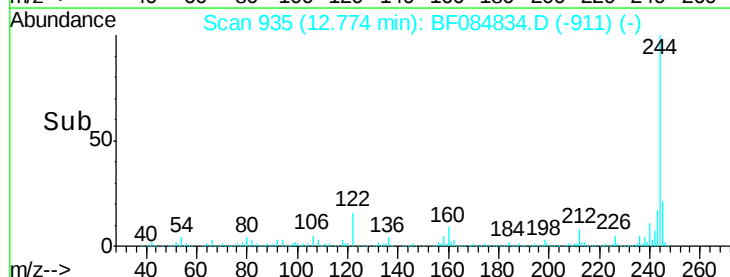
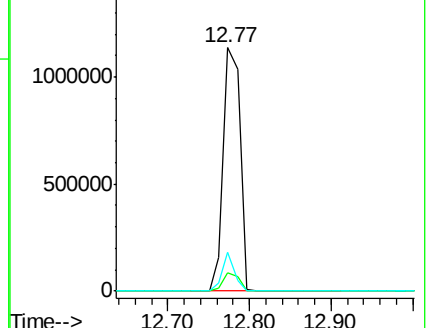
122 15.7 7.4 11.0#

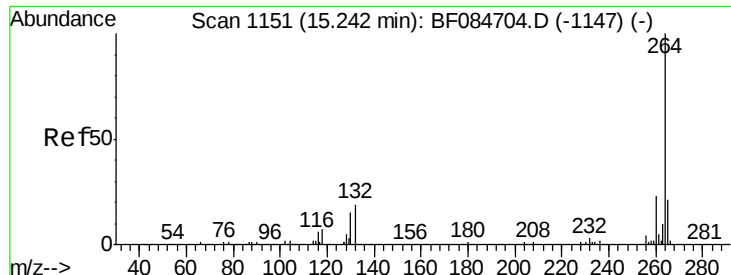


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

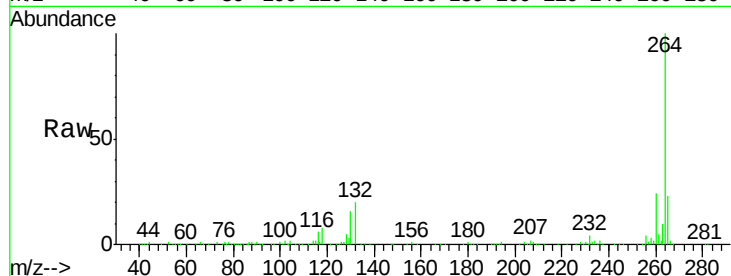




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF084834.D
Acq: 4 Feb 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB88185BL

Tgt Ion: 264 Resp: 326548
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 23.3 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

