

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084865.D
 Acq On : 5 Feb 2016 17:47
 Operator : SJ/IZ
 Sample : H1311-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B007(11-12.5)

Quant Time: Feb 05 22:20:14 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

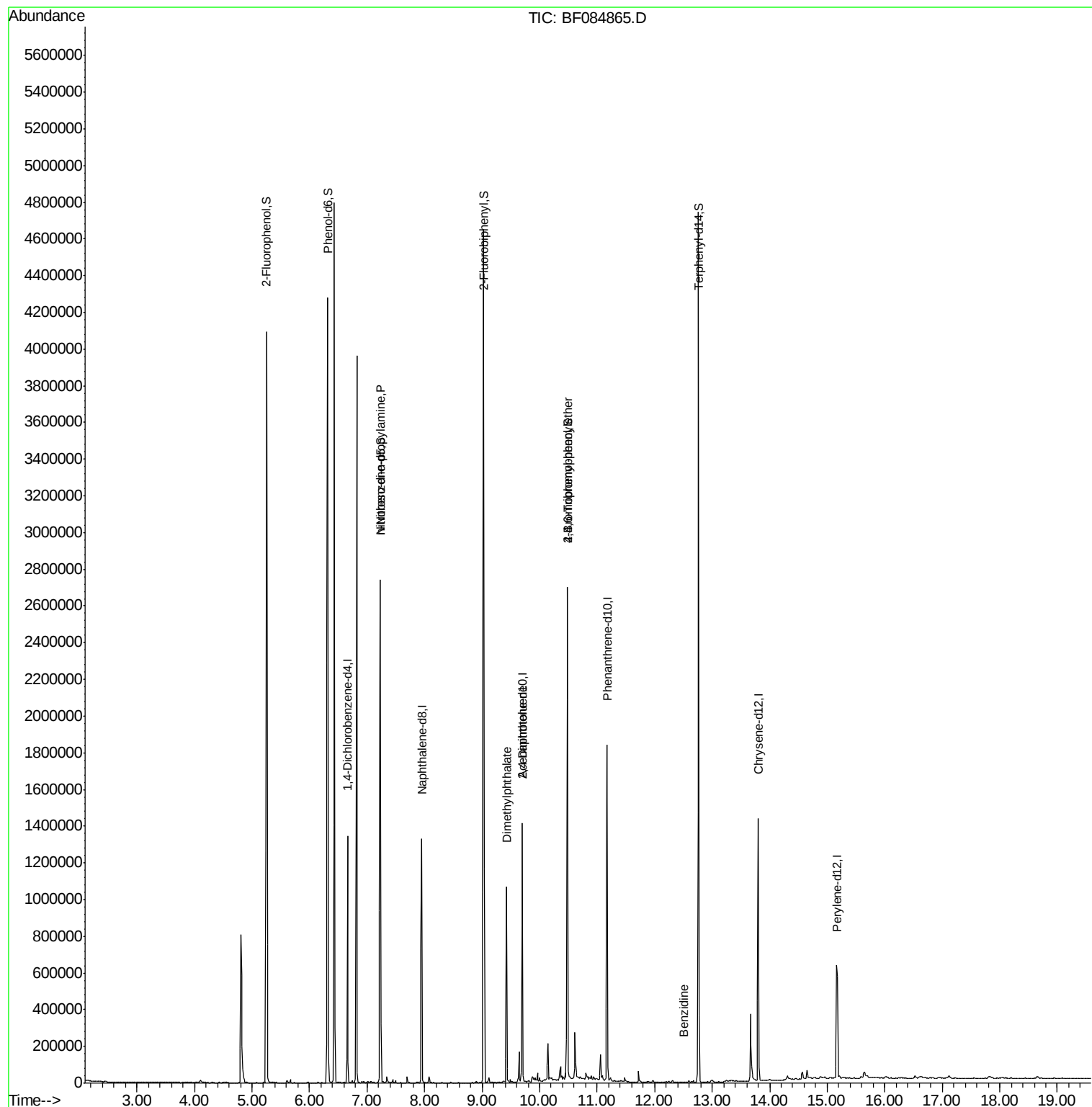
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	179757	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	720548	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	344065	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	635033	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	496909	20.00	ng	-0.03
86) Perylene-d12	15.17	264	337065	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1181854	102.41	ng	-0.02
7) Phenol-d6	6.32	99	1601117	111.91	ng	-0.02
23) Nitrobenzene-d5	7.23	82	927167	72.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	449018	125.11	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1561013	72.84	ng	-0.03
78) Terphenyl-d14	12.76	244	1447181	66.00	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	127017	14.16	ng	# 70
49) Dimethylphthalate	9.42	163	382710	14.60	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	42932	5.88	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	28731	4.10	ng	# 1
76) Benzidine	12.51	184	1324	6.94	ng	# 66

(#) = 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

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BNA_F

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SUP-B007(11-12.5)

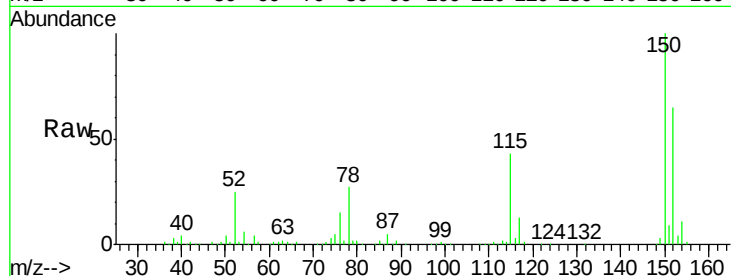
Tgt Ion:152 Resp: 179757

Ion Ratio Lower Upper

152 100

150 154.6 123.0 184.4

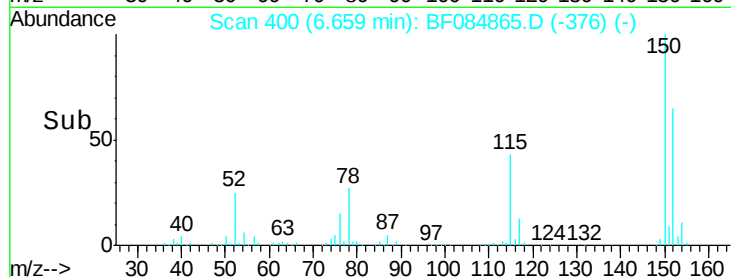
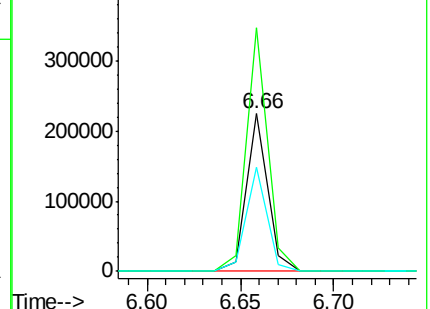
115 66.3 51.4 77.2



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: 102.41 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084865.D

Acq: 5 Feb 2016 17:47

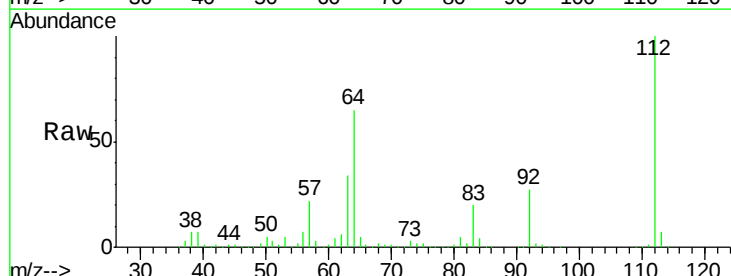
Tgt Ion:112 Resp: 1181854

Ion Ratio Lower Upper

112 100

64 65.2 36.6 55.0#

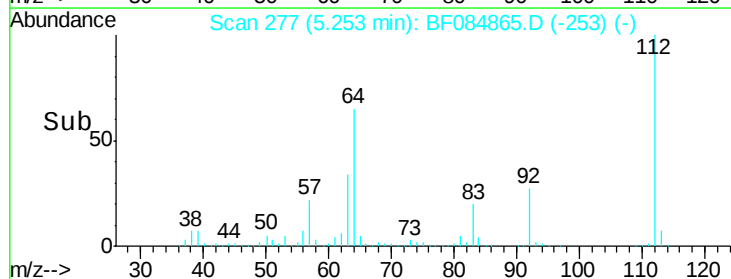
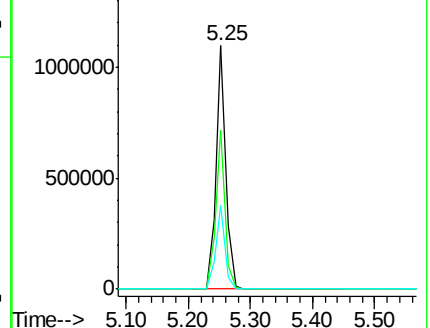
63 34.4 19.4 29.0#



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: 111.91 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084865.D

Acq: 5 Feb 2016 17:47

Instrument :

BNA_F

ClientSampleId :

SUP-B007(11-12.5)

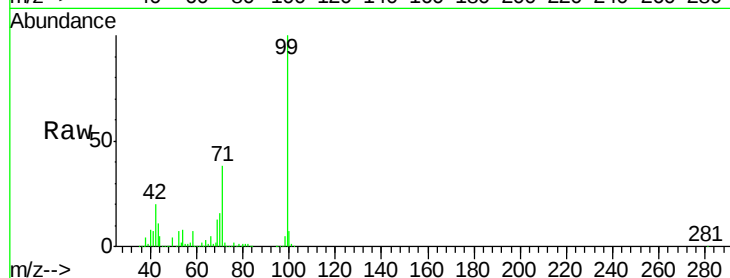
Tgt Ion: 99 Resp: 1601117

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

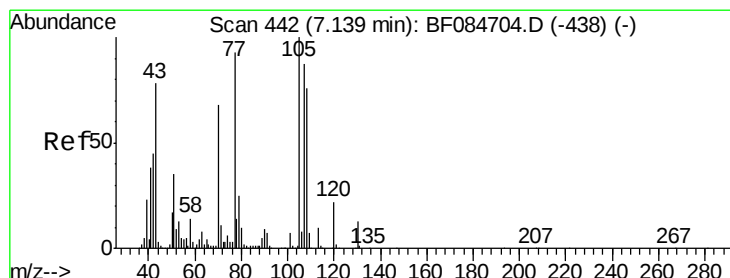
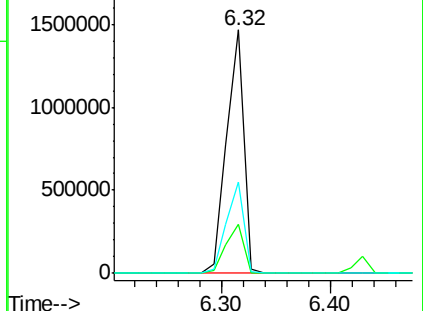
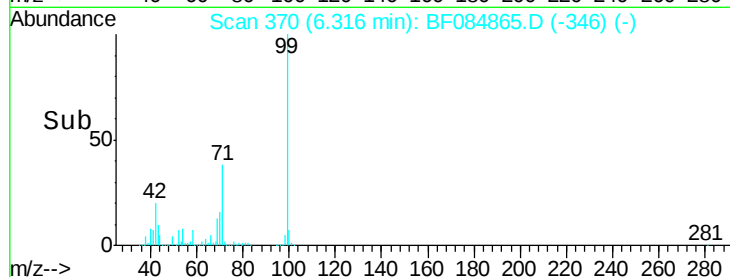
71 37.5 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.16 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084865.D

Acq: 5 Feb 2016 17:47

Tgt Ion: 70 Resp: 127017

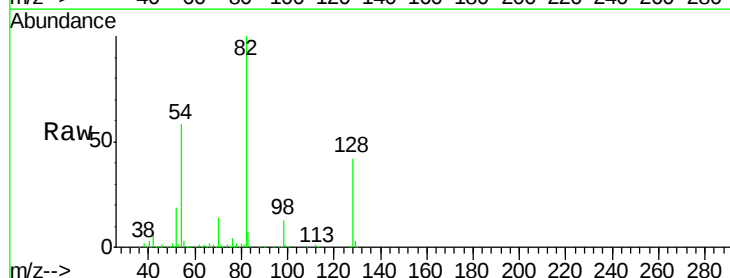
Ion Ratio Lower Upper

70 100

42 51.9 33.3 49.9#

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

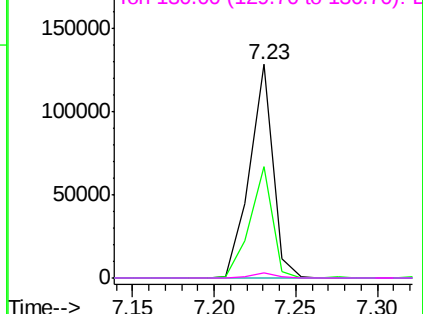
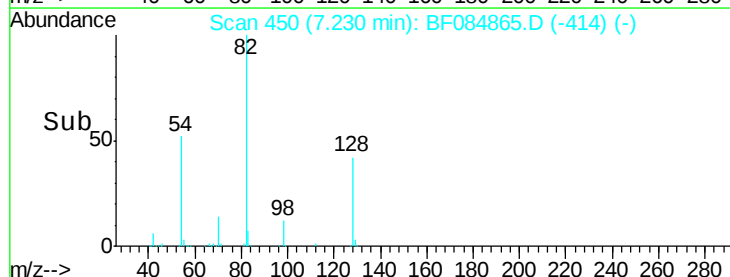


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

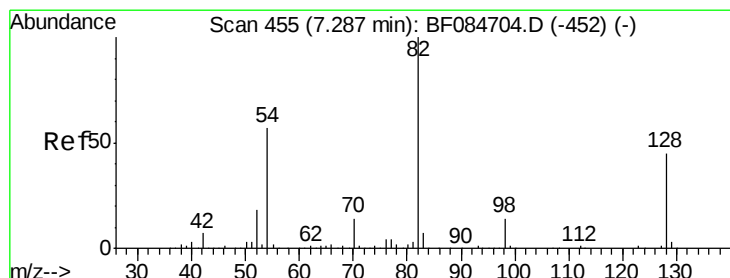
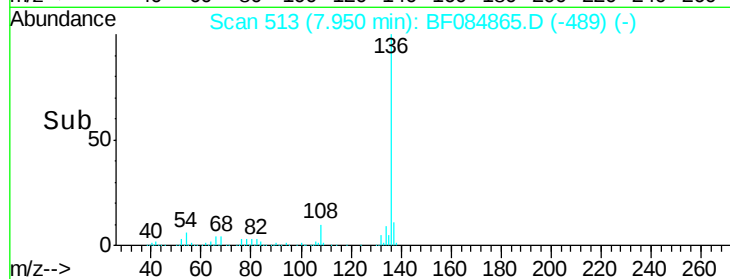
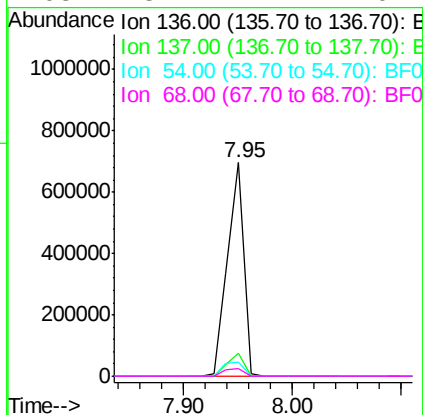
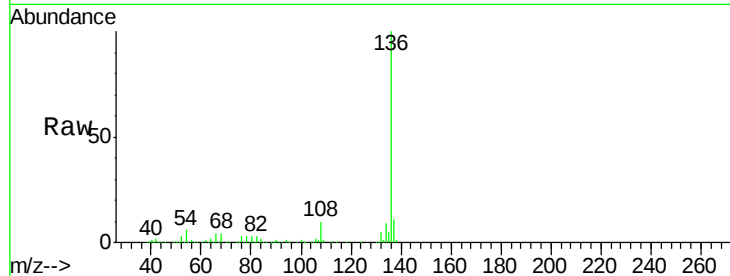




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084865.D
Acq: 5 Feb 2016 17:47

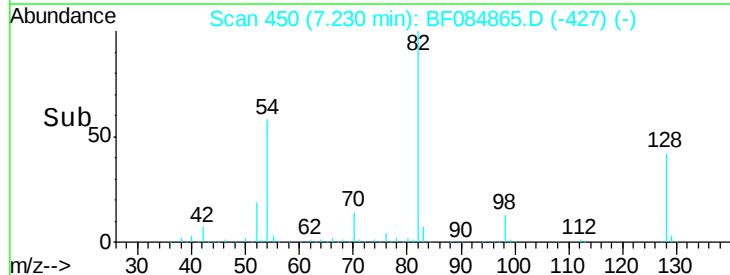
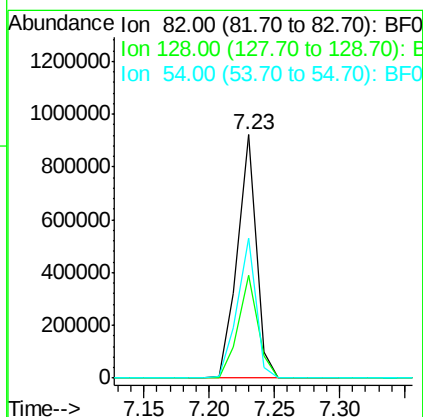
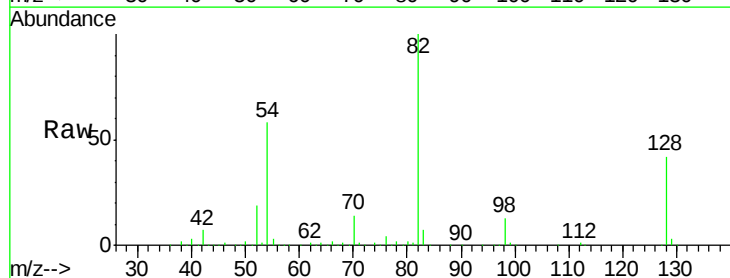
Instrument :
BNA_F
ClientSampleId :
SUP-B007(11-12.5)

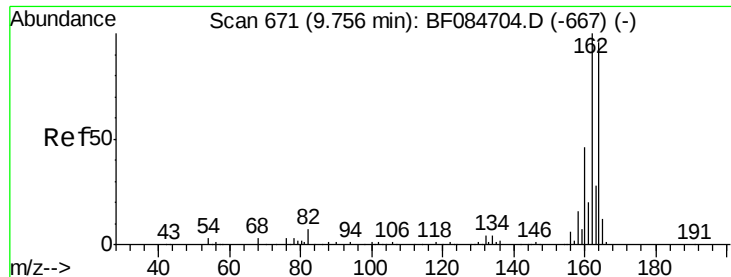
Tgt Ion:	136	Resp:	720548
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	5.8	8.8
68	3.7	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 72.49 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084865.D
Acq: 5 Feb 2016 17:47

Tgt Ion:	82	Resp:	927167
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	57.5	38.4	57.6

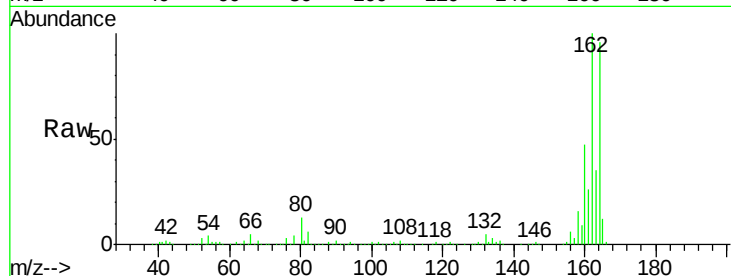




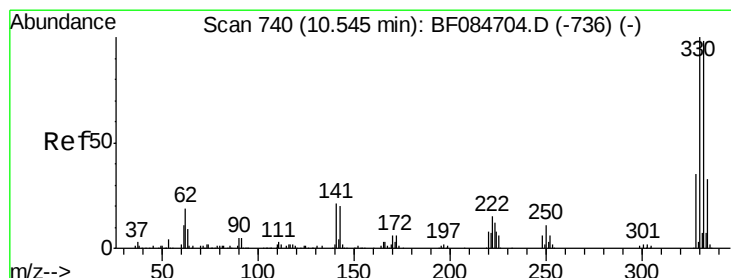
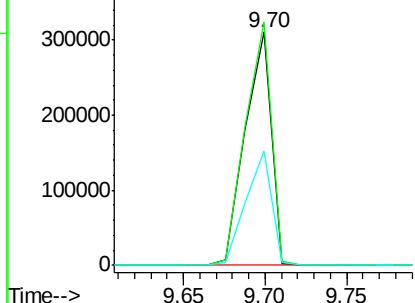
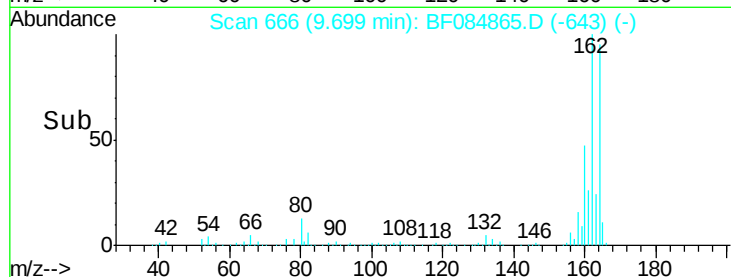
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.03 min
 Lab File: BF084865.D
 Acq: 5 Feb 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B007(11-12.5)

Tgt Ion:164 Resp: 344065
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.1 127.7
 160 48.8 37.5 56.3

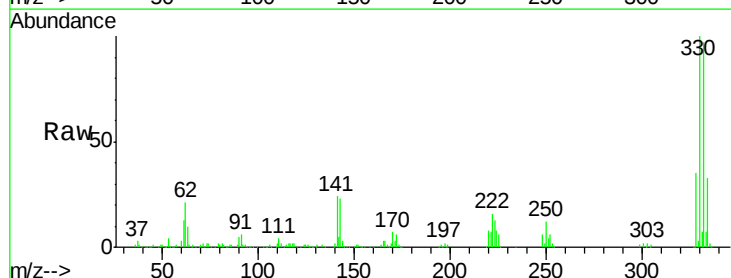


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

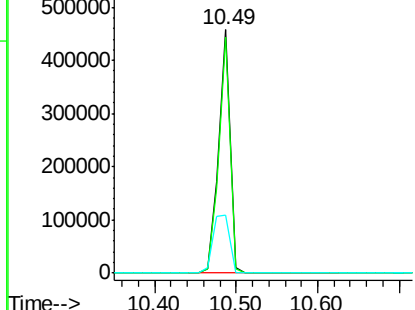
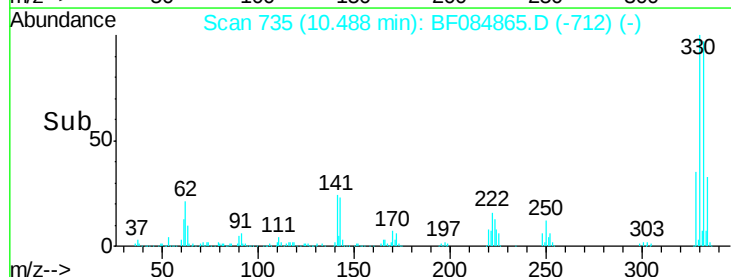


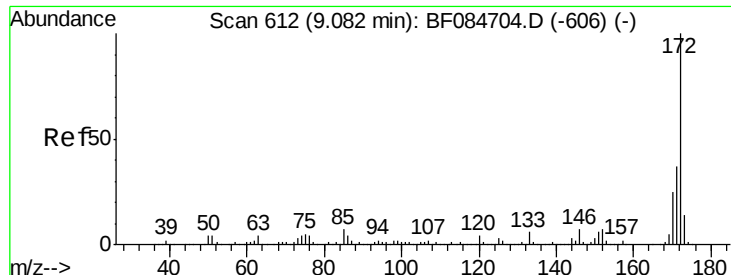
#41
 2,4,6-Tribromophenol
 Concen: 125.11 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084865.D
 Acq: 5 Feb 2016 17:47

Tgt Ion:330 Resp: 449018
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 35.4 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

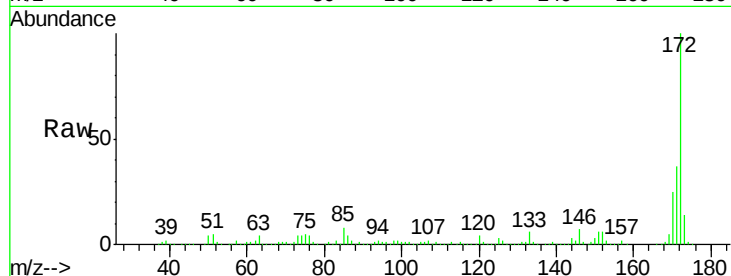




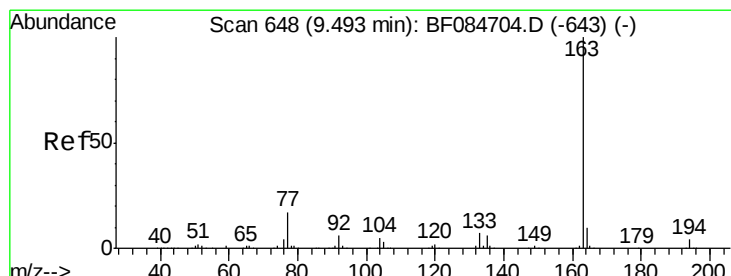
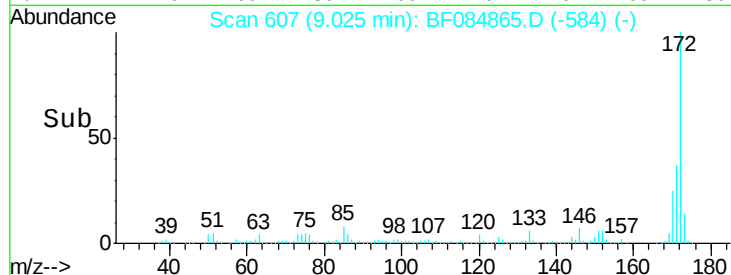
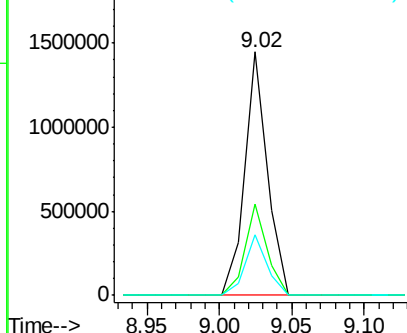
#44
 2-Fluorobiphenyl
 Concen: 72.84 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084865.D
 Acq: 5 Feb 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B007(11-12.5)

Tgt Ion:172 Resp: 1561013
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.0 18.6 27.8

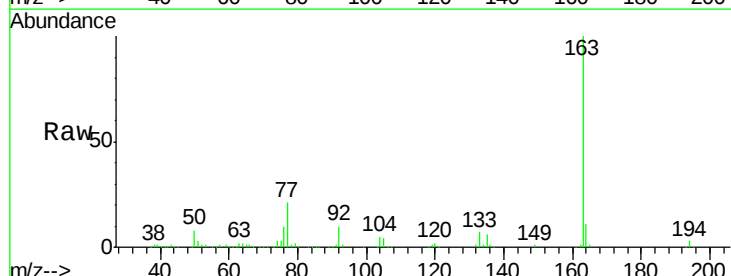


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

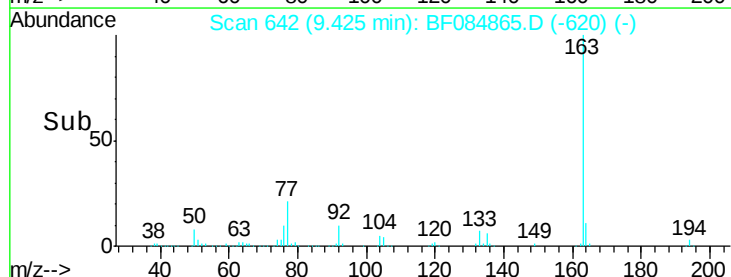
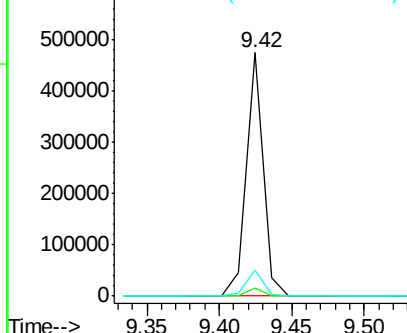


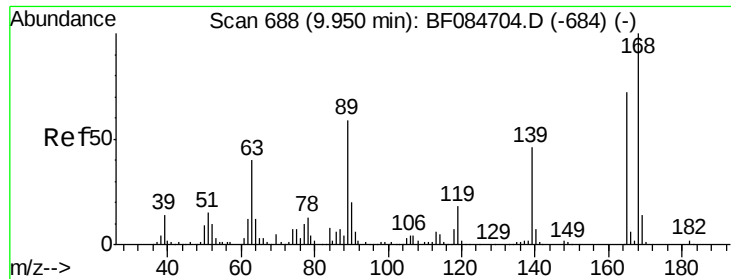
#49
 Dimethylphthalate
 Concen: 14.60 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF084865.D
 Acq: 5 Feb 2016 17:47

Tgt Ion:163 Resp: 382710
 Ion Ratio Lower Upper
 163 100
 194 3.1 8.0 12.0#
 164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

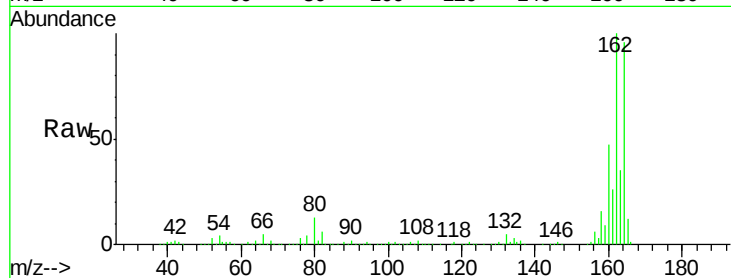




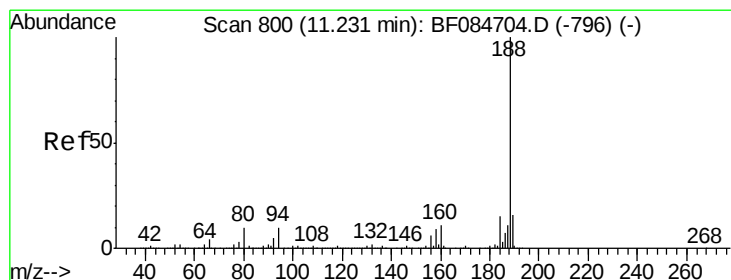
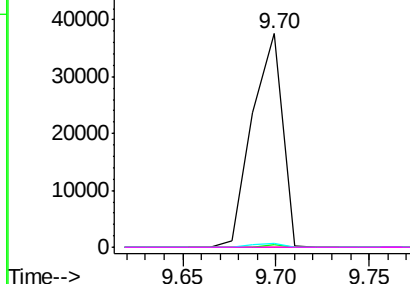
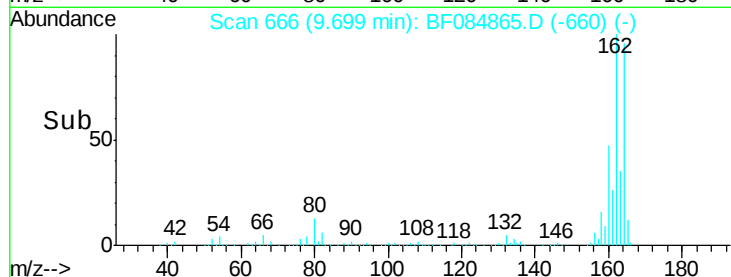
#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084865.D
 Acq: 5 Feb 2016 17:47

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B007(11-12.5)

Tgt Ion:165 Resp: 42932
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.7 55.1#
 89 1.5 61.9 92.9#
 182 0.0 2.0 3.0#

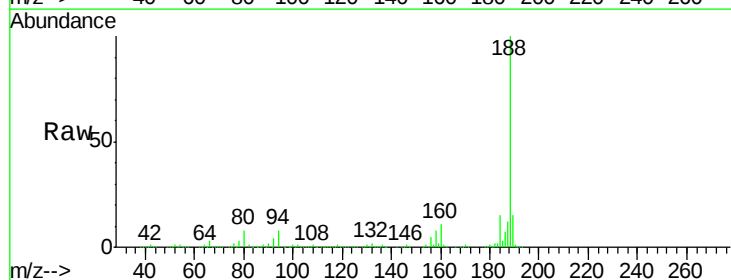


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

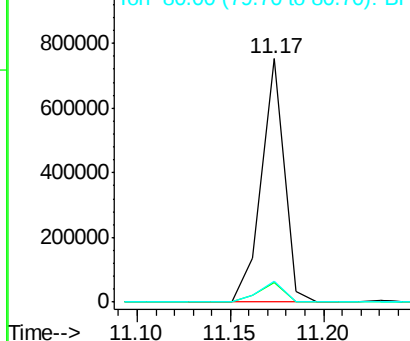
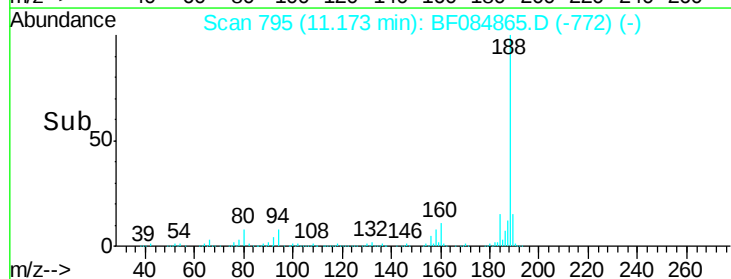


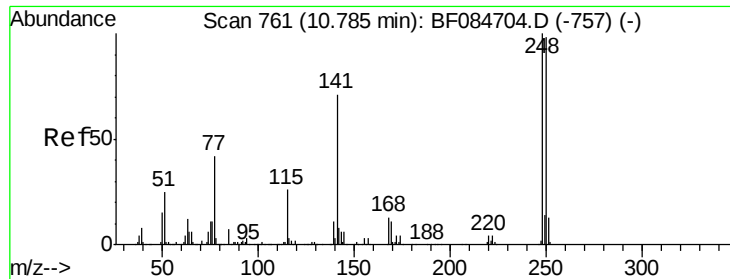
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084865.D
 Acq: 5 Feb 2016 17:47

Tgt Ion:188 Resp: 635033
 Ion Ratio Lower Upper
 188 100
 94 8.1 9.0 13.4#
 80 8.3 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

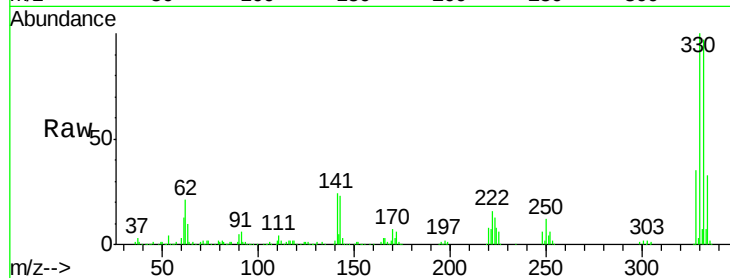




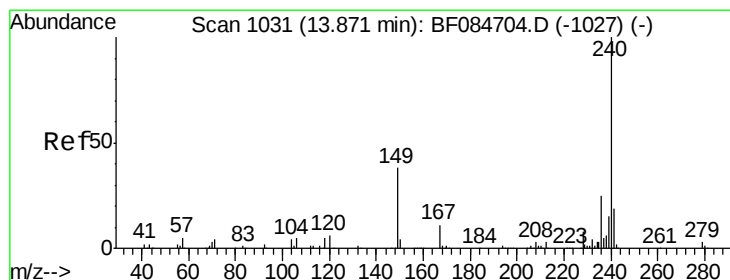
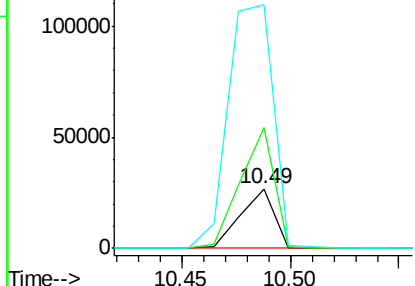
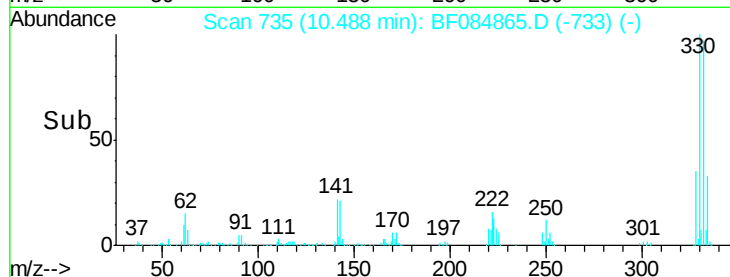
#66
4-Bromophenyl-phenylether
Concen: 4.10 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084865.D
Acq: 5 Feb 2016 17:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(11-12.5)

Tgt Ion:248 Resp: 28731
Ion Ratio Lower Upper
248 100
250 202.5 78.4 117.6#
141 410.2 44.0 66.0#

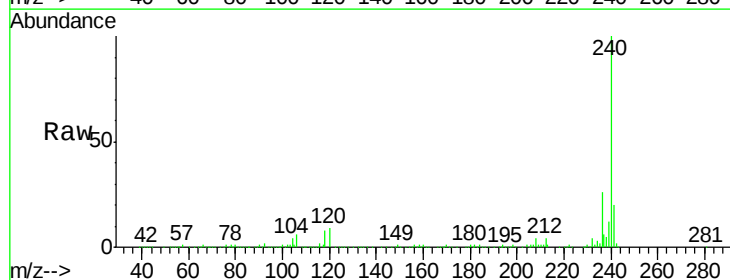


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

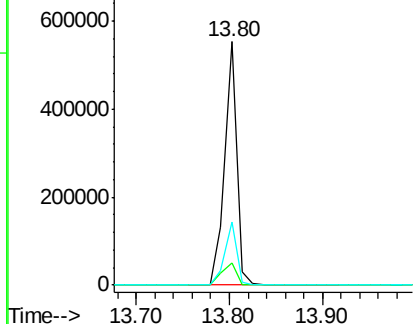
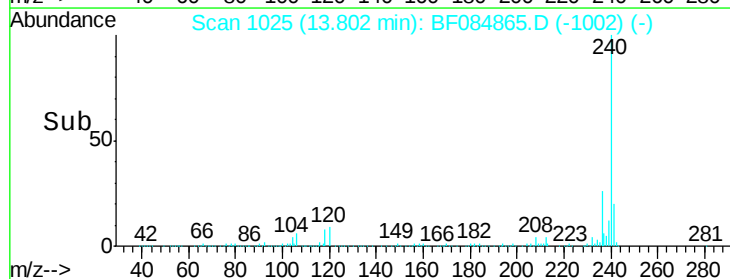


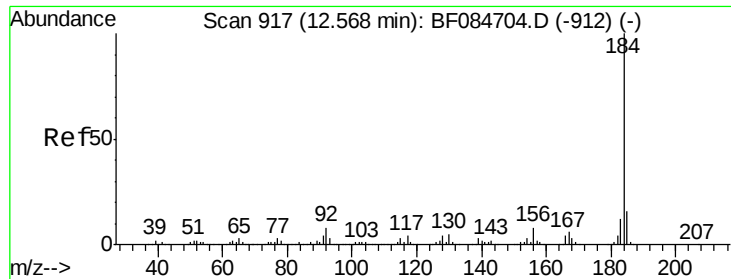
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084865.D
Acq: 5 Feb 2016 17:47

Tgt Ion:240 Resp: 496909
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 25.8 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





#76

Benzidine

Concen: 6.94 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF084865.D

Acq: 5 Feb 2016 17:47

Instrument :

BNA_F

ClientSampleId :

SUP-B007(11-12.5)

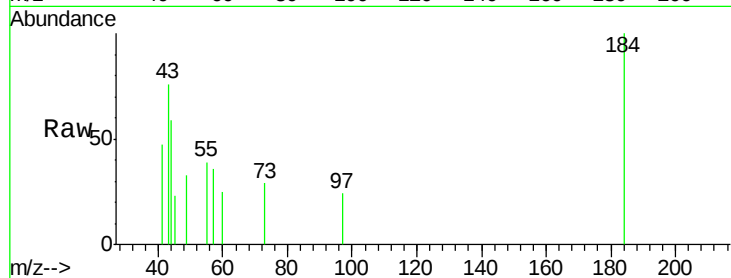
Tgt Ion:184 Resp: 1324

Ion Ratio Lower Upper

184 100

185 0.0 12.2 18.2#

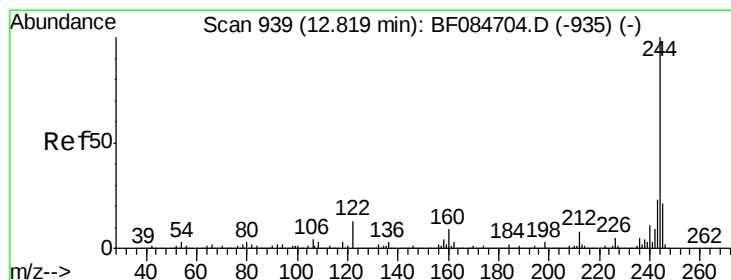
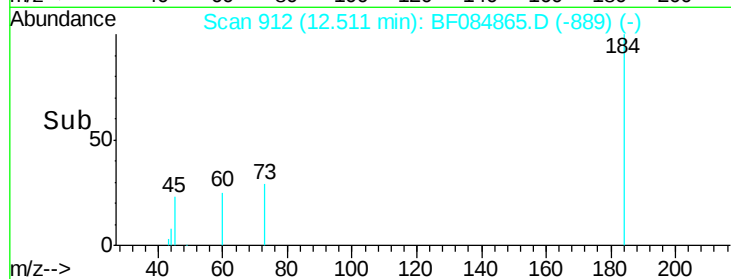
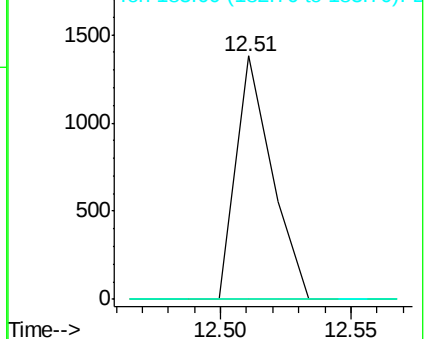
183 0.0 9.8 14.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 66.00 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084865.D

Acq: 5 Feb 2016 17:47

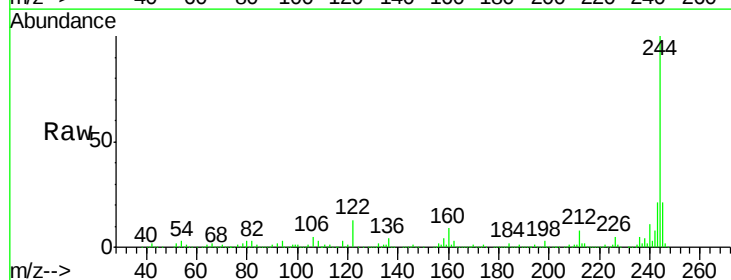
Tgt Ion:244 Resp: 1447181

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

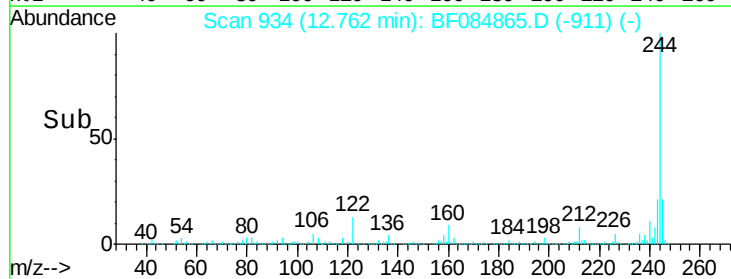
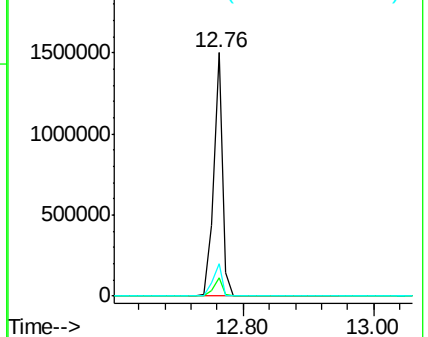
122 13.2 7.4 11.0#

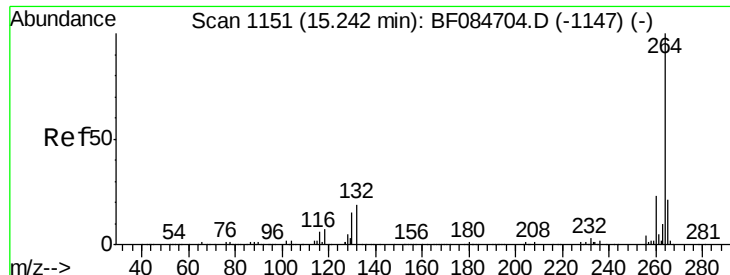


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

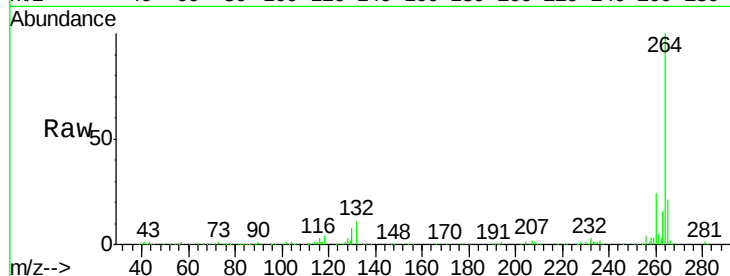




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084865.D
Acq: 5 Feb 2016 17:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(11-12.5)

Tgt Ion: 264 Resp: 337065
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.3 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

