

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084968.D
 Acq On : 9 Feb 2016 22:44
 Operator : SJ/IZ
 Sample : H1377-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02-0-1

Quant Time: Feb 10 03:28:15 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

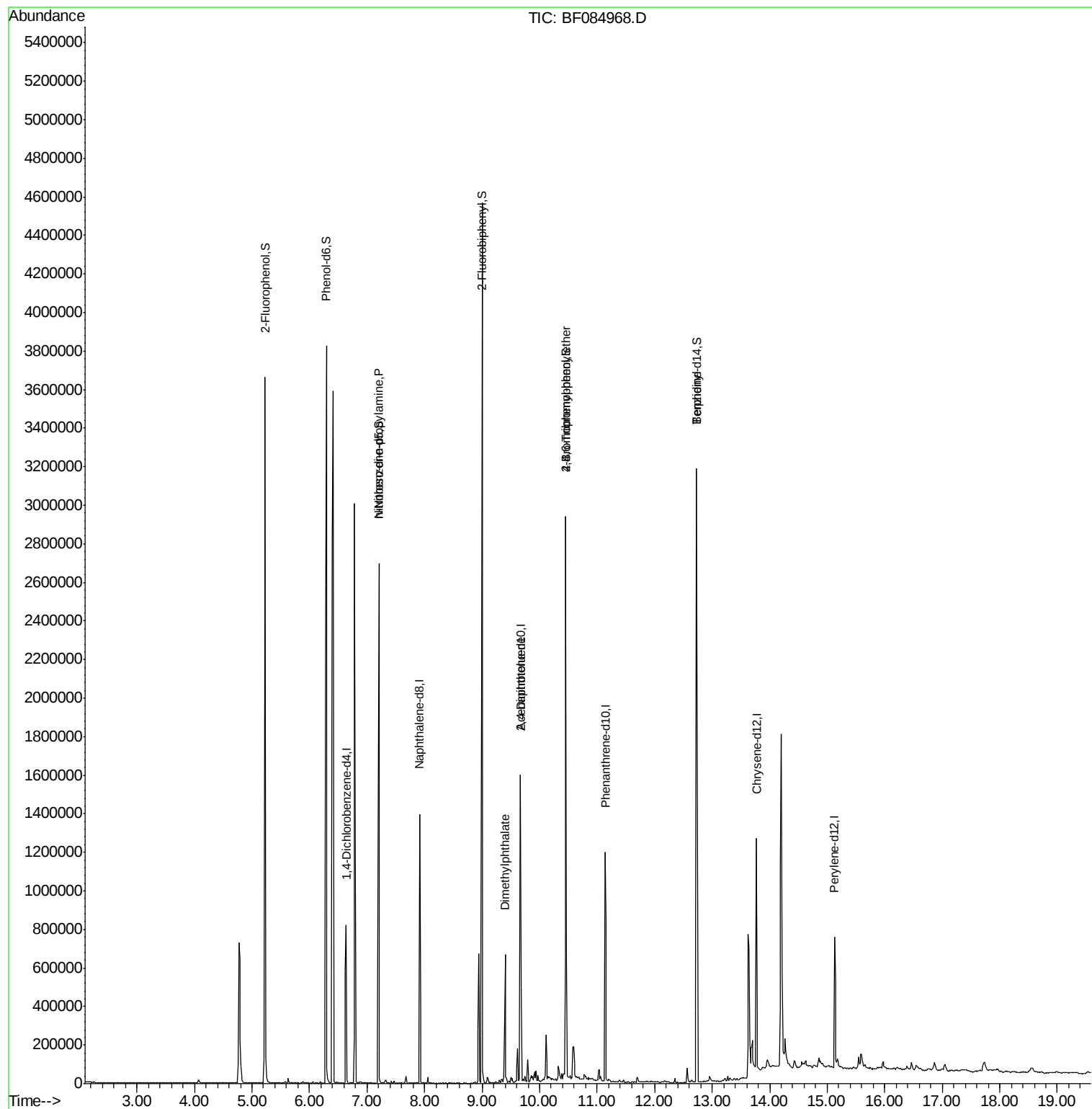
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	158201	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	657730	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	322034	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	571943	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	406830	20.00	ng	-0.07
86) Perylene-d12	15.13	264	318409	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1252584	123.33	ng	-0.05
7) Phenol-d6	6.29	99	1629890	129.44	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1034844	88.63	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	351337	104.59	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1563713	80.24	ng	-0.06
78) Terphenyl-d14	12.73	244	1171630	65.26	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	140717	17.83	ng	# 74
49) Dimethylphthalate	9.40	163	307860	12.55	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	42462	6.21	ng	# 21
66) 4-Bromophenyl-phenylether	10.45	248	22342	3.54	ng	# 1
76) Benzidine	12.73	184	15596	7.61	ng	95

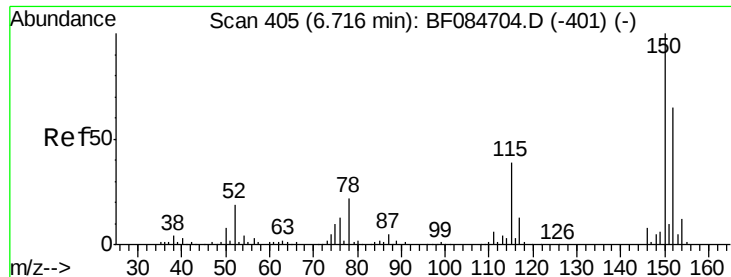
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

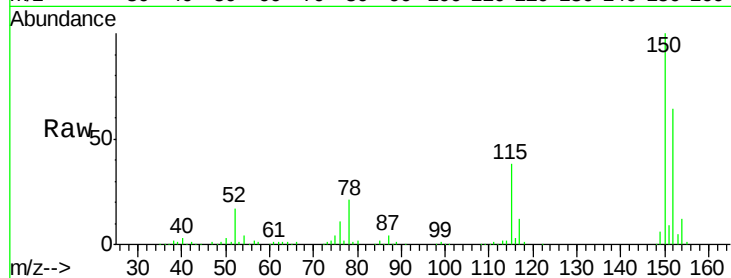
Tgt Ion:152 Resp: 158201

Ion Ratio Lower Upper

152 100

150 157.1 123.0 184.4

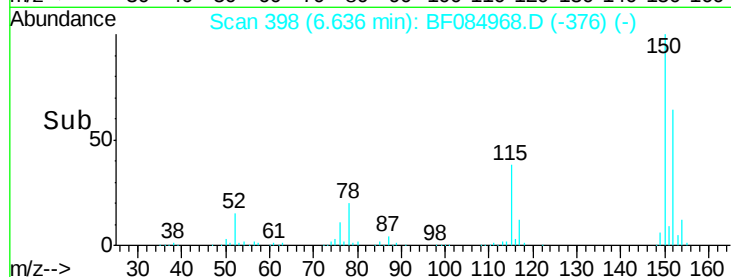
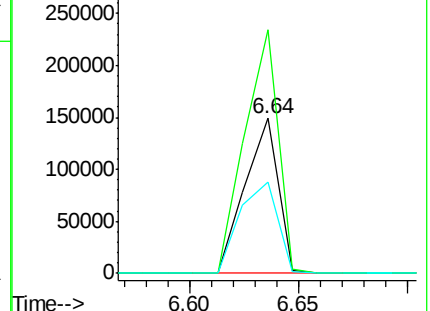
115 59.2 51.4 77.2



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: 123.33 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

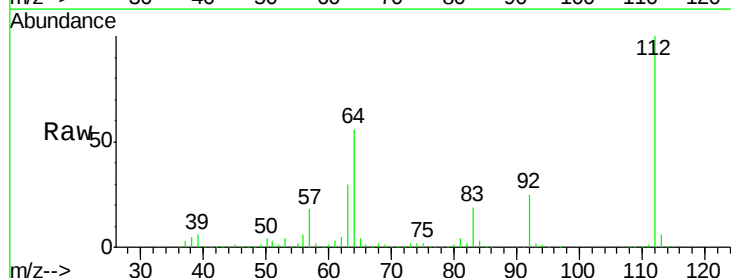
Tgt Ion:112 Resp: 1252584

Ion Ratio Lower Upper

112 100

64 55.7 36.6 55.0#

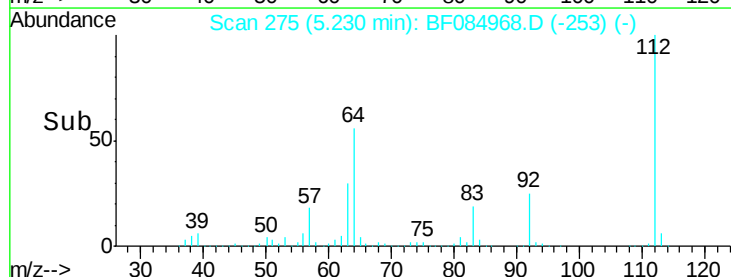
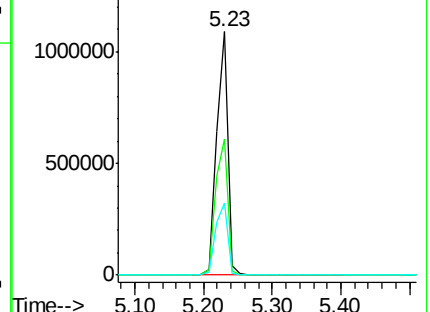
63 29.6 19.4 29.0#



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: 129.44 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

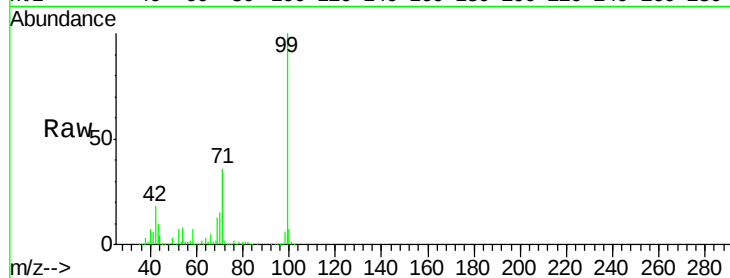
Tgt Ion: 99 Resp: 1629890

Ion Ratio Lower Upper

99 100

42 18.3 12.8 19.2

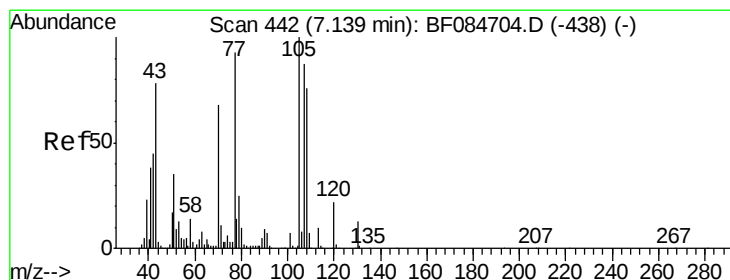
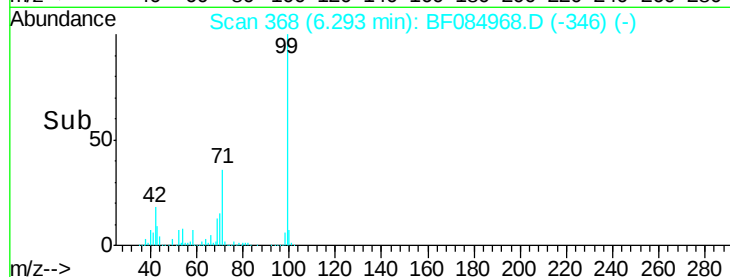
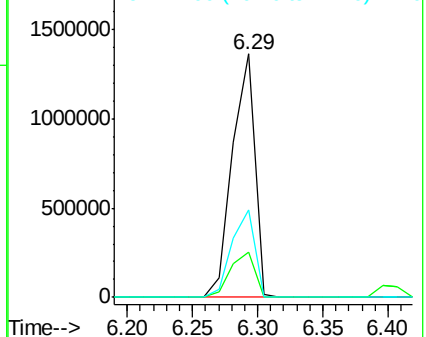
71 35.7 30.9 46.3



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: 17.83 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.09 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Tgt Ion: 70 Resp: 140717

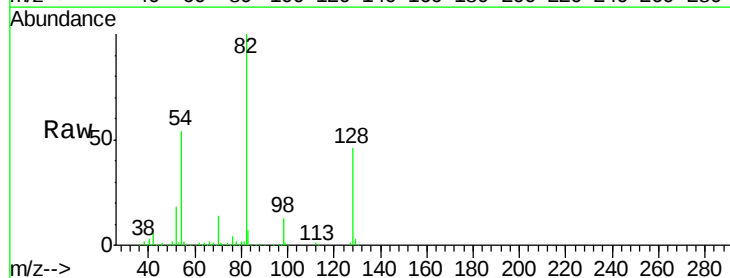
Ion Ratio Lower Upper

70 100

42 46.0 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

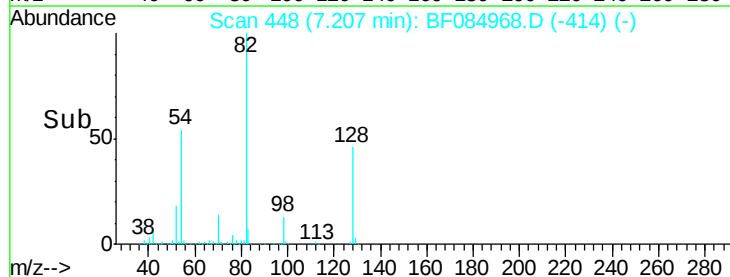
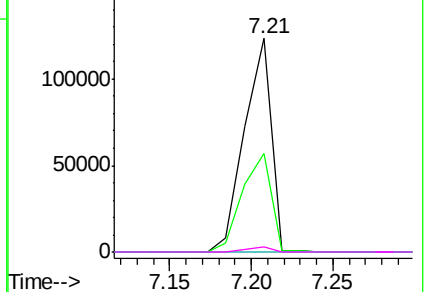


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

Tgt Ion:136 Resp: 657730

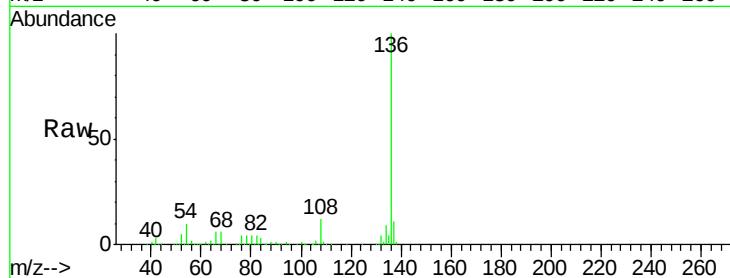
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 9.8 5.8 8.8#

68 5.5 4.2 6.2

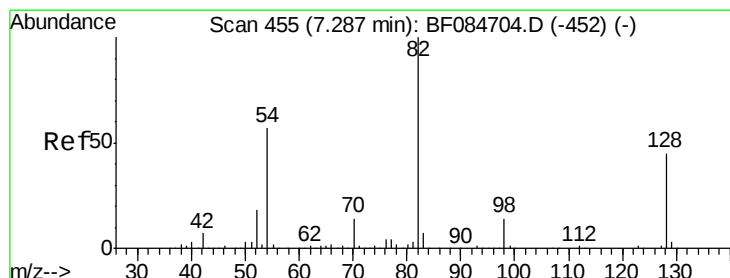
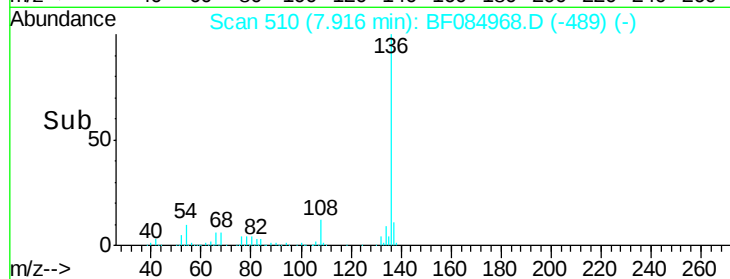
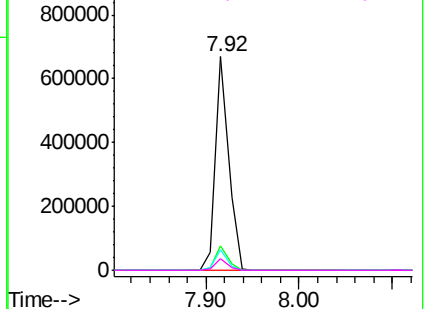


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.63 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

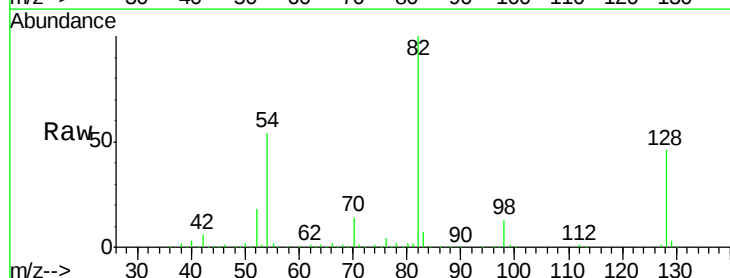
Tgt Ion: 82 Resp: 1034844

Ion Ratio Lower Upper

82 100

128 45.8 34.6 51.8

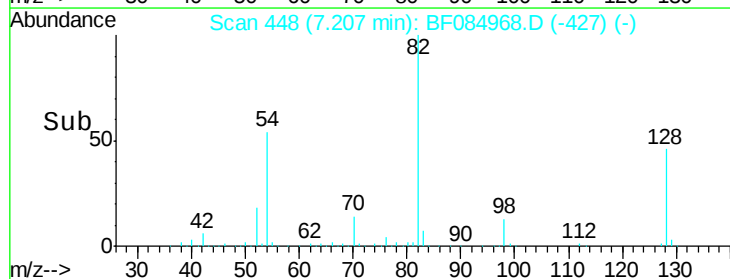
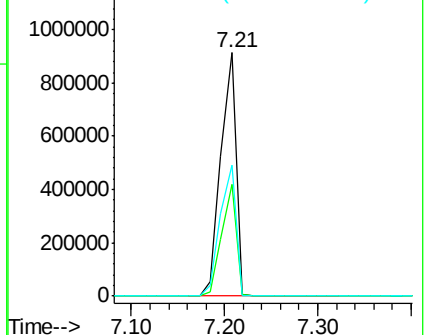
54 54.0 38.4 57.6

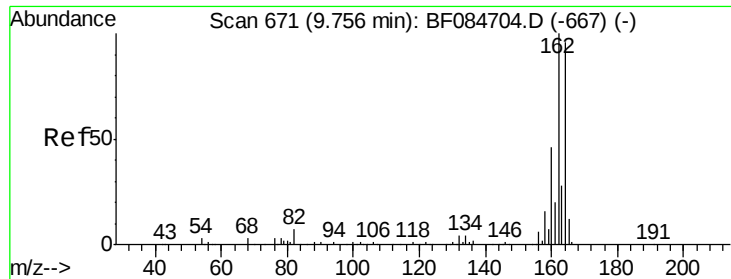


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

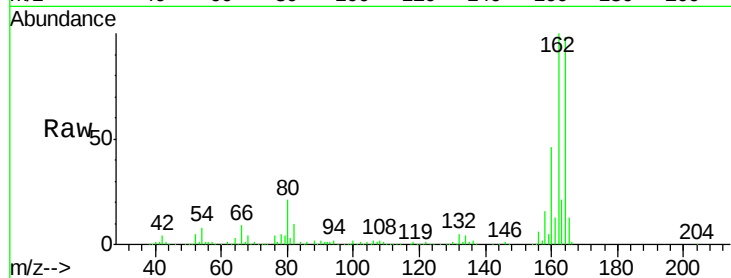
Tgt Ion:164 Resp: 322034

Ion Ratio Lower Upper

164 100

162 101.6 85.1 127.7

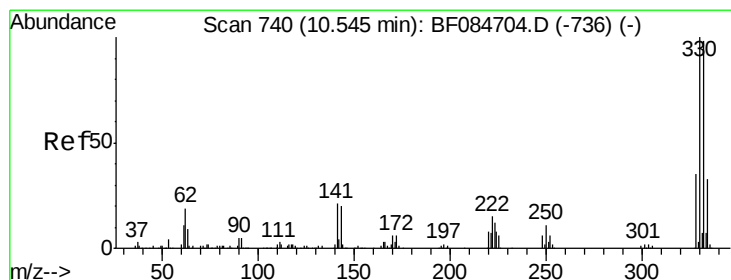
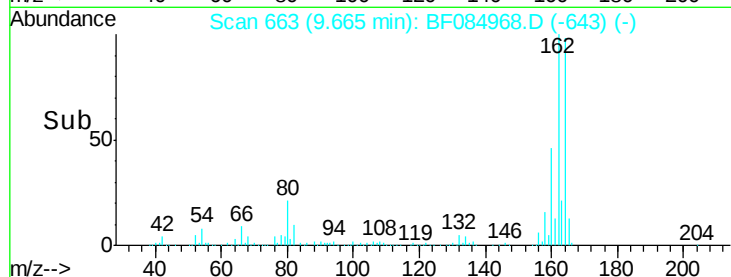
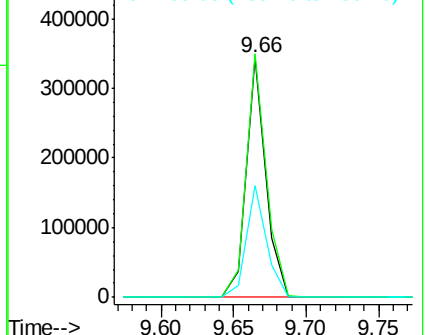
160 46.9 37.5 56.3



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: 104.59 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.07 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

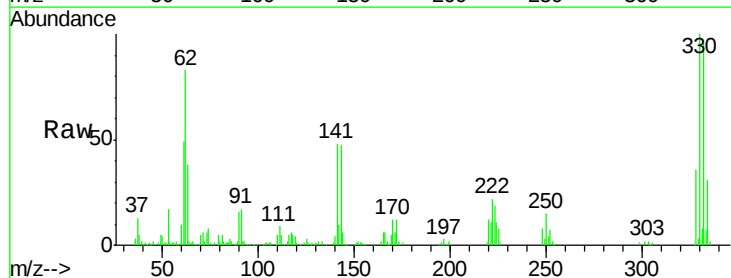
Tgt Ion:330 Resp: 351337

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

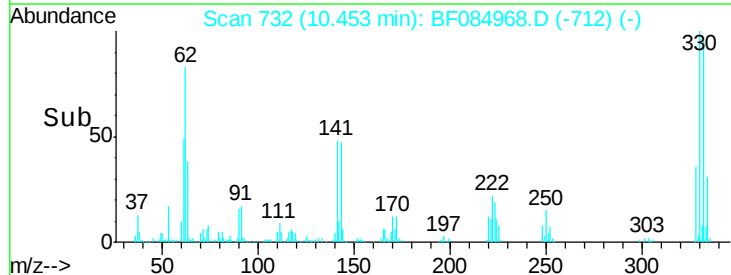
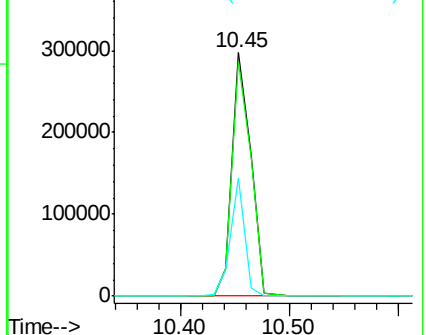
141 37.0 27.8 41.6

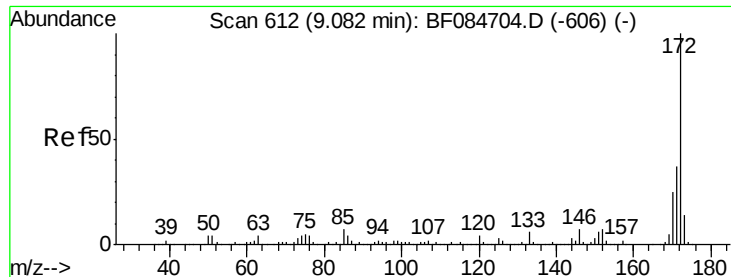


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

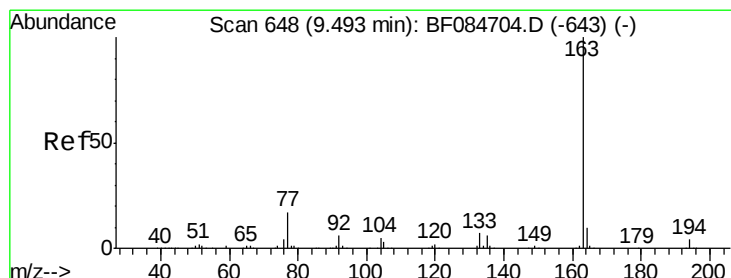
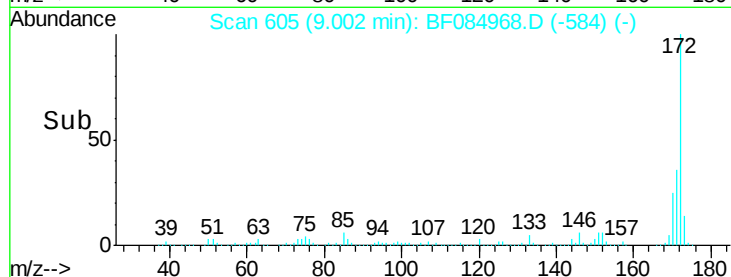
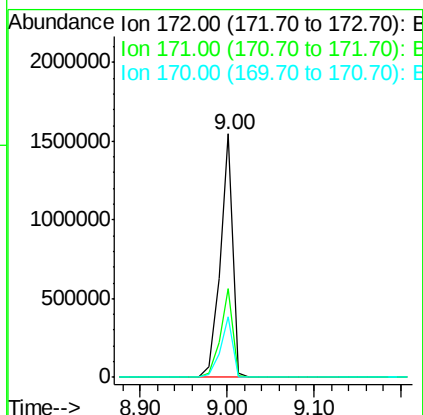
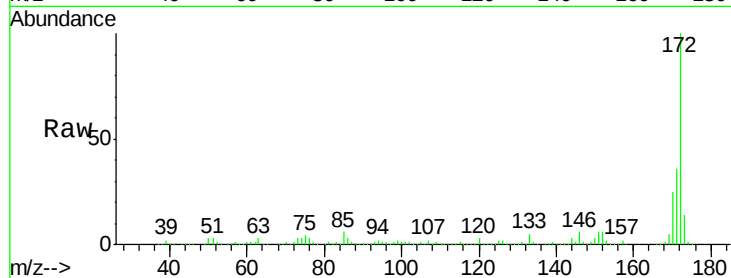




#44
2-Fluorobiphenyl
Concen: 80.24 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084968.D
Acq: 9 Feb 2016 22:44

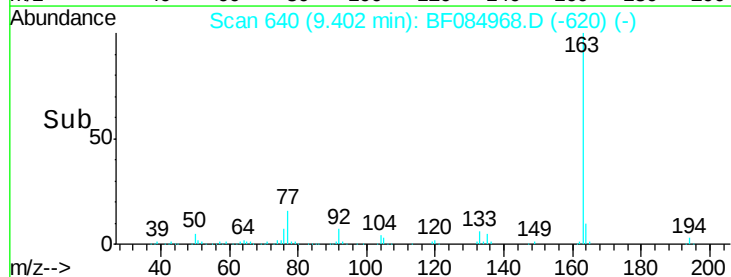
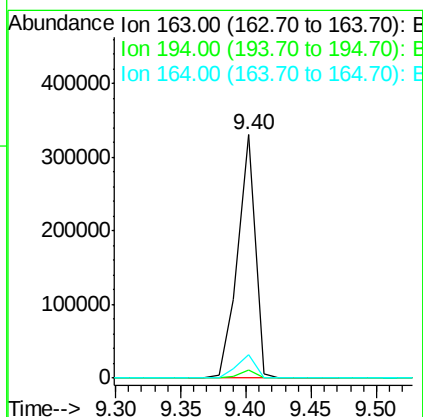
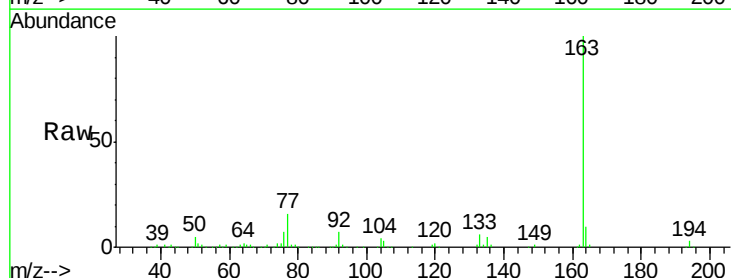
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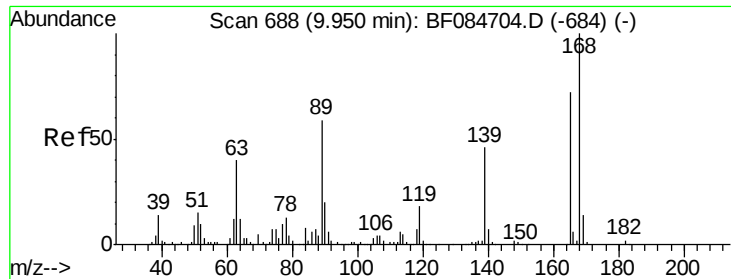
Tgt Ion:172 Resp: 1563713
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 25.0 18.6 27.8



#49
Dimethylphthalate
Concen: 12.55 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084968.D
Acq: 9 Feb 2016 22:44

Tgt Ion:163 Resp: 307860
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 9.8 8.0 12.0

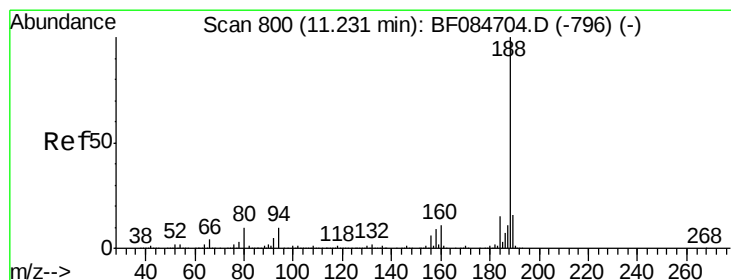
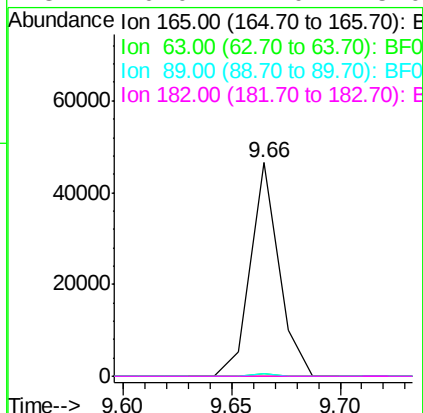
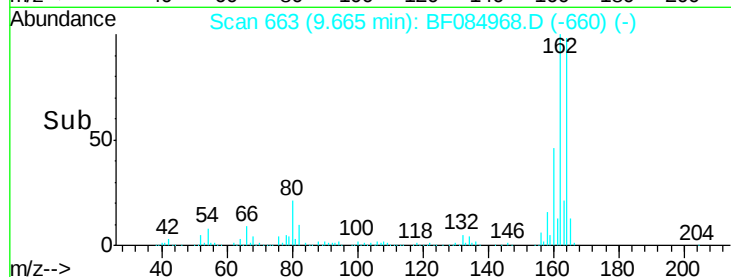
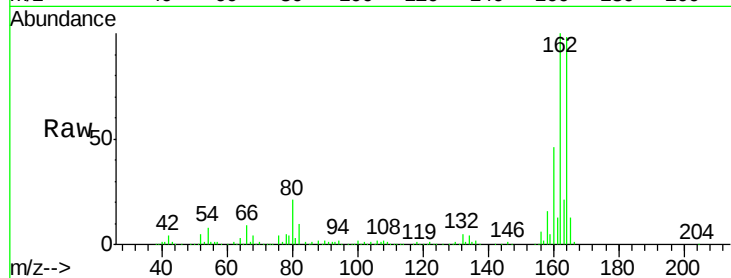




#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.26 min
Lab File: BF084968.D
Acq: 9 Feb 2016 22:44

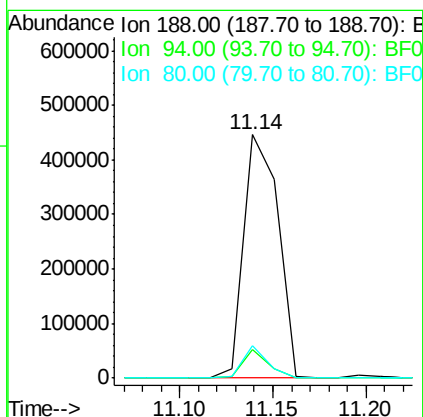
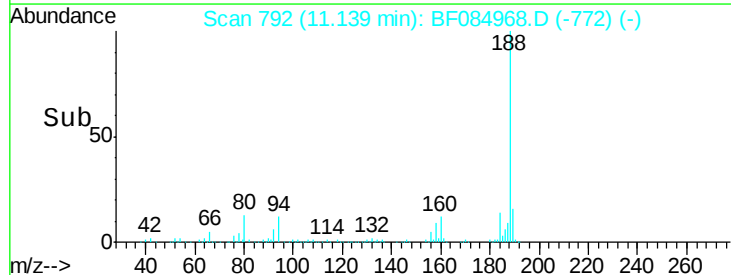
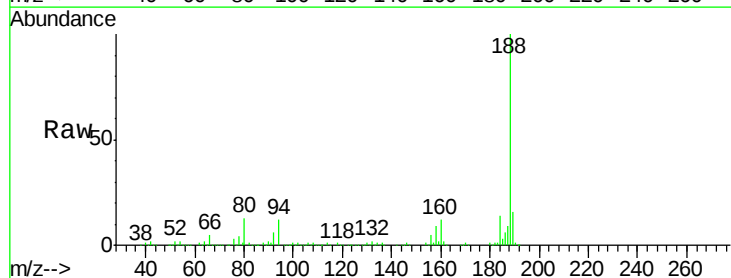
Instrument :
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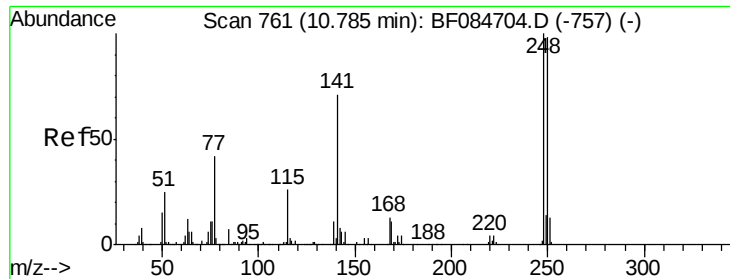
Tgt Ion:165 Resp: 42462
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.4 61.9 92.9#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.07 min
Lab File: BF084968.D
Acq: 9 Feb 2016 22:44

Tgt Ion:188 Resp: 571943
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.4
80 13.2 9.6 14.4





#66

4-Bromophenyl-phenylether

Concen: 3.54 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.31 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

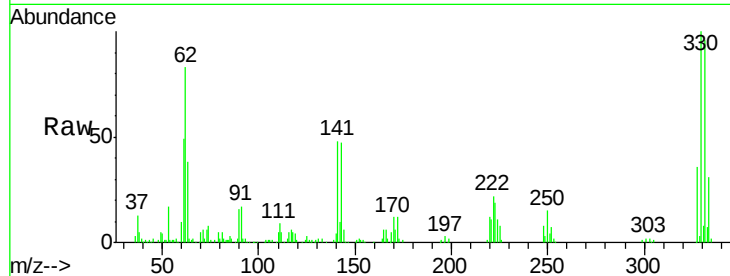
Tgt Ion:248 Resp: 22342

Ion Ratio Lower Upper

248 100

250 184.8 78.4 117.6#

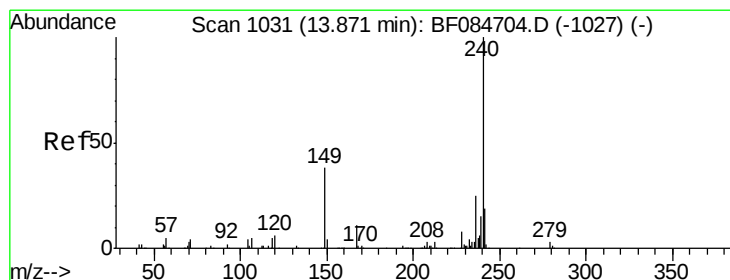
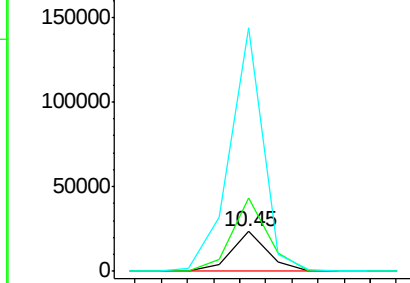
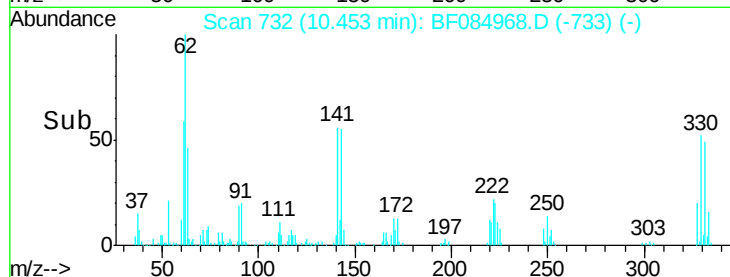
141 610.9 44.0 66.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

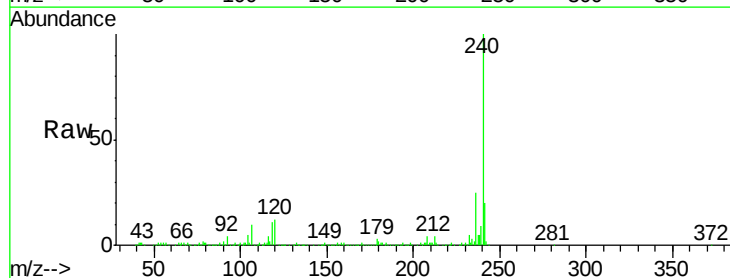
Tgt Ion:240 Resp: 406830

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

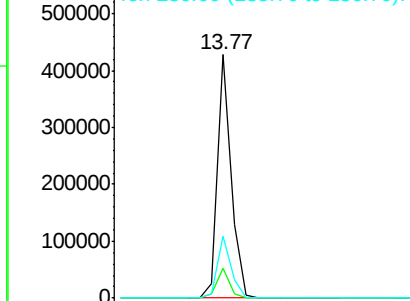
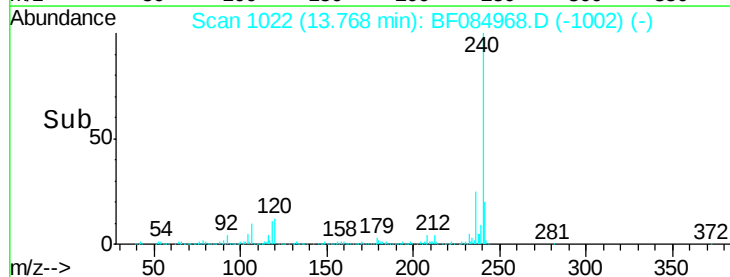
236 25.4 20.6 31.0

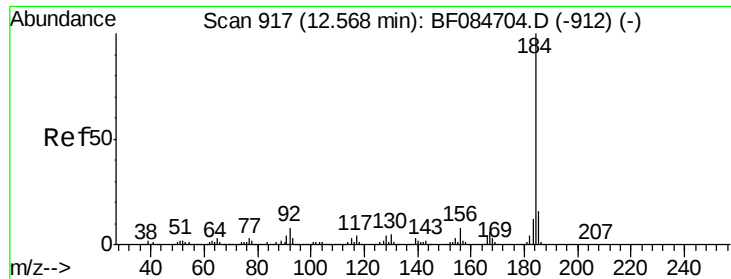


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.61 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.18 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

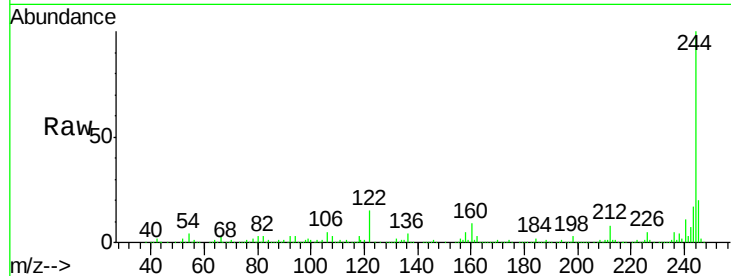
Tgt Ion:184 Resp: 15596

Ion Ratio Lower Upper

184 100

185 18.0 12.2 18.2

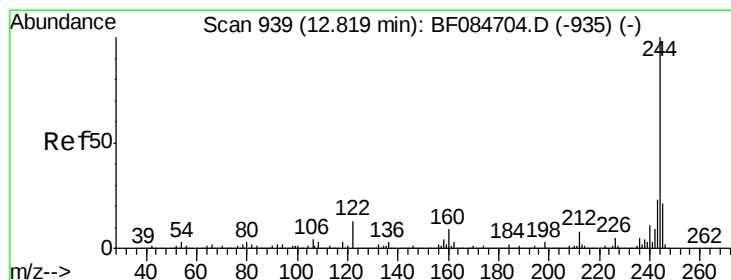
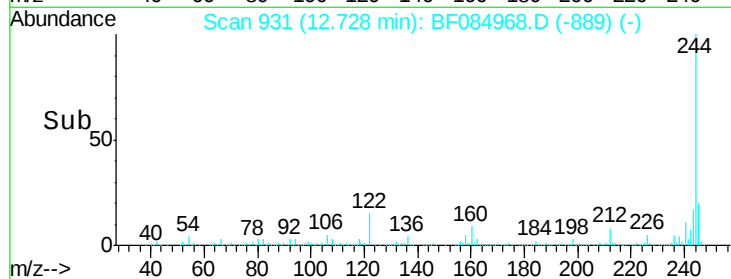
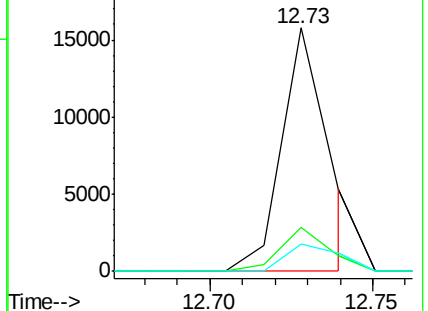
183 11.2 9.8 14.8



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: 65.26 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084968.D

Acq: 9 Feb 2016 22:44

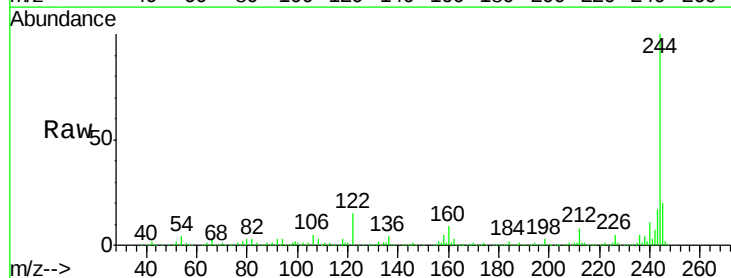
Tgt Ion:244 Resp: 1171630

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

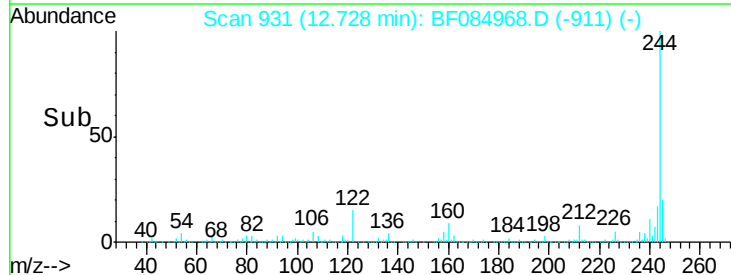
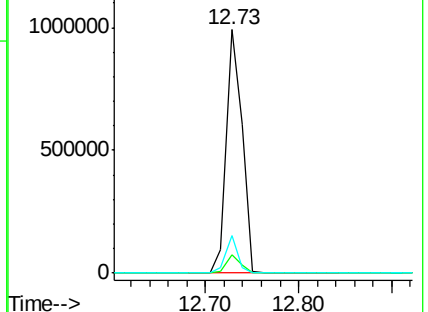
122 15.2 7.4 11.0#

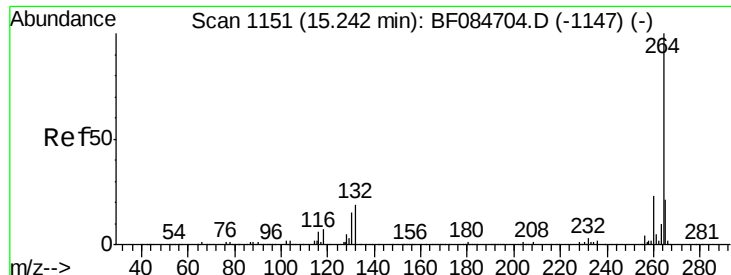


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084968.D
Acq: 9 Feb 2016 22:44

Instrument :
BNA_F
ClientSampleId :
SB02-0-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.4	17.8	26.6

