

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084969.D
 Acq On : 9 Feb 2016 23:12
 Operator : SJ/IZ
 Sample : H1377-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02-2-3

Quant Time: Feb 10 03:28:28 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

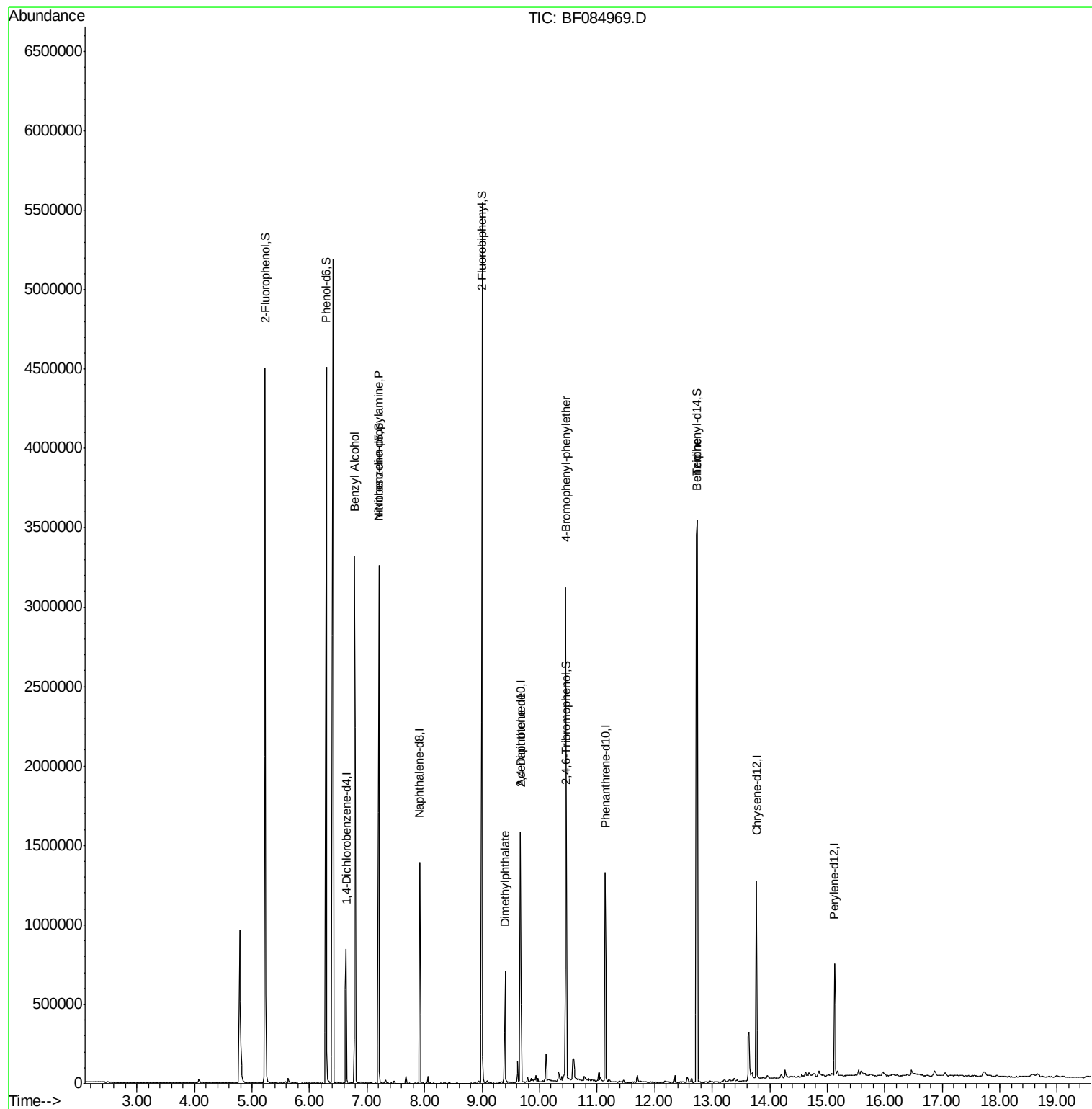
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	163822	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	682963	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	331976	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	588919	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	423985	20.00	ng	-0.07
86) Perylene-d12	15.13	264	330048	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1365509	129.83	ng	-0.05
7) Phenol-d6	6.29	99	1750367	134.24	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1213871	100.12	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	507783	146.64	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1848268	99.41	ng	-0.06
78) Terphenyl-d14	12.74	244	1732224	92.58	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.78	79	19274	2.14	ng	# 46
19) n-Nitroso-di-n-propylamine	7.21	70	169668	20.76	ng	# 73
49) Dimethylphthalate	9.40	163	332405	13.15	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	43034	6.11	ng	# 21
66) 4-Bromophenyl-phenylether	10.45	248	28297	4.35	ng	# 1
76) Benzidine	12.73	184	23699	7.94	ng	95

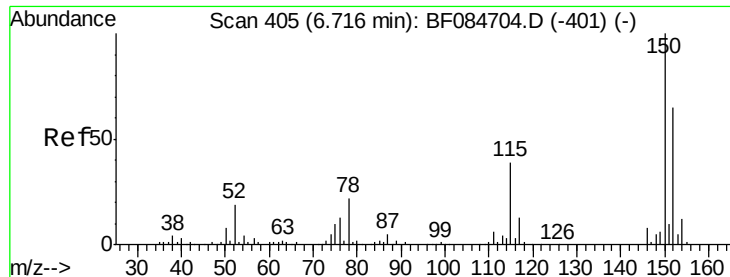
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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SB02-2-3

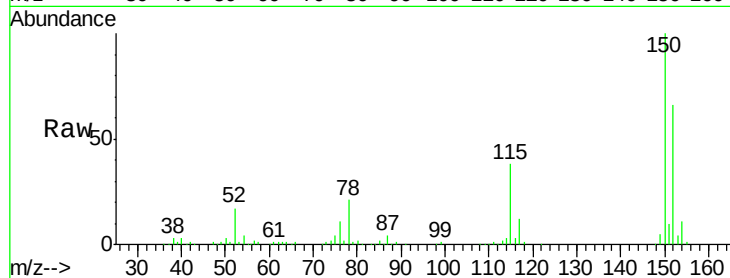
Tgt Ion:152 Resp: 163822

Ion Ratio Lower Upper

152 100

150 151.0 123.0 184.4

115 57.8 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

300000

250000

200000

150000

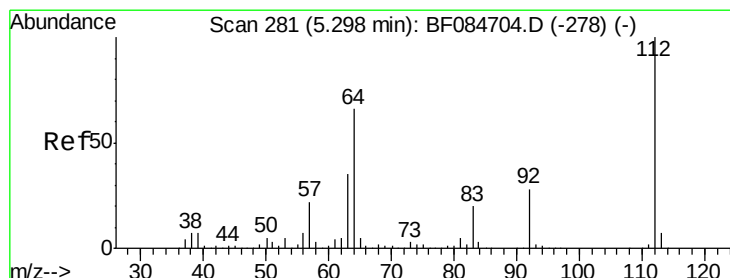
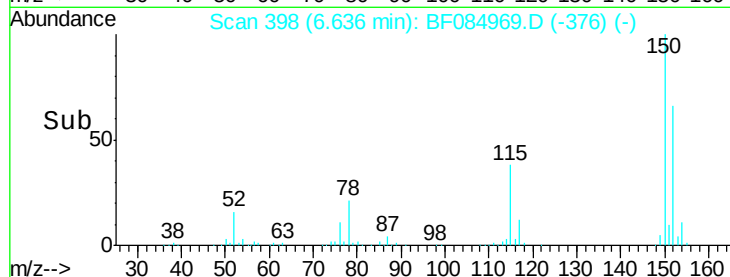
100000

50000

0

6.60 6.65 6.70

Time-->



#5

2-Fluorophenol

Concen: 129.83 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

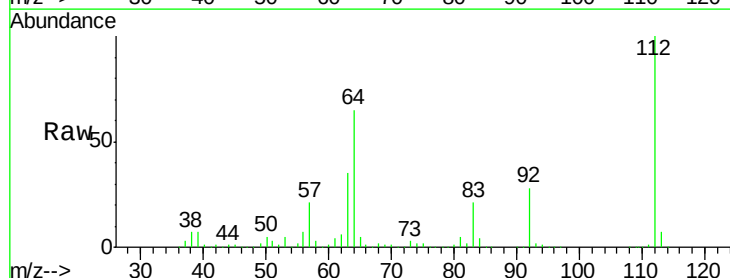
Tgt Ion:112 Resp: 1365509

Ion Ratio Lower Upper

112 100

64 64.7 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

1500000

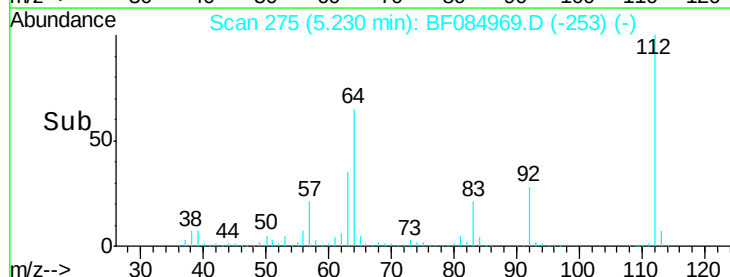
1000000

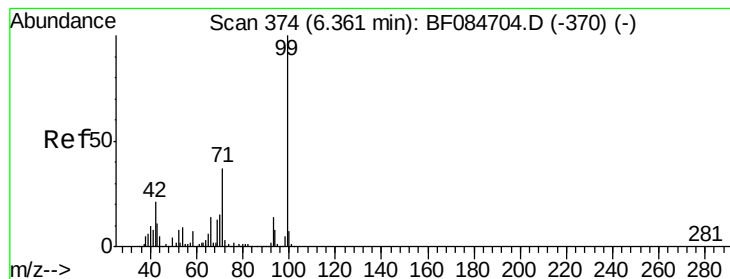
500000

0

5.10 5.20 5.30 5.40

Time-->





#7

Phenol-d6

Concen: 134.24 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

Instrument :

BNA_F

ClientSampleId :

SB02-2-3

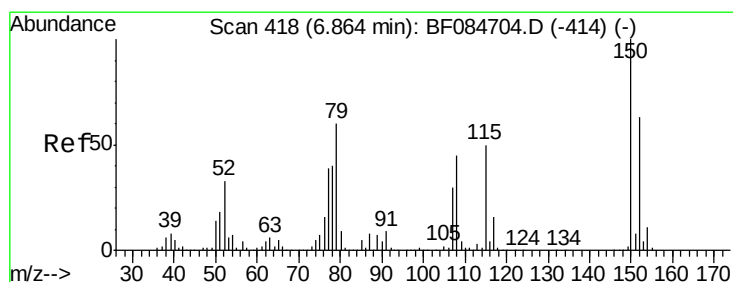
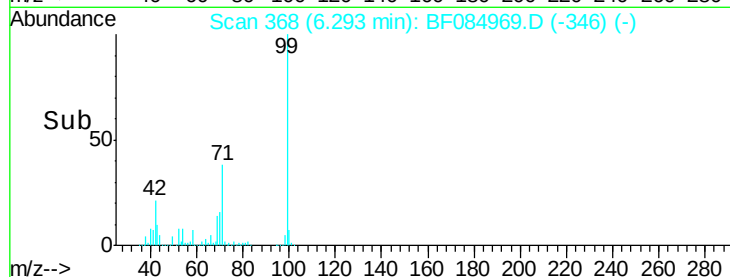
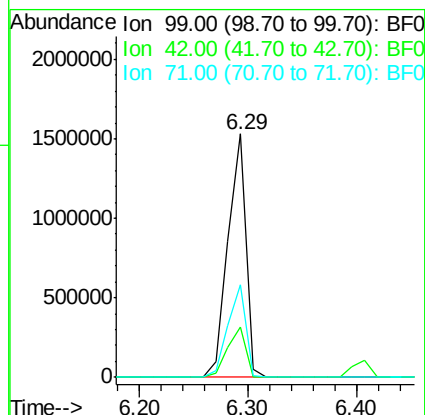
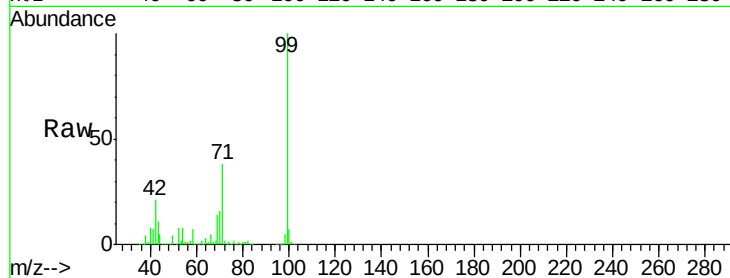
Tgt Ion: 99 Resp: 1750367

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

71 38.0 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

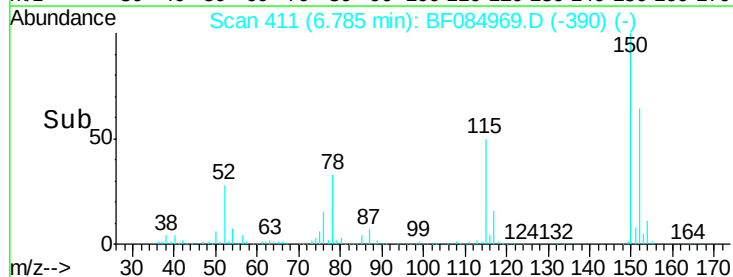
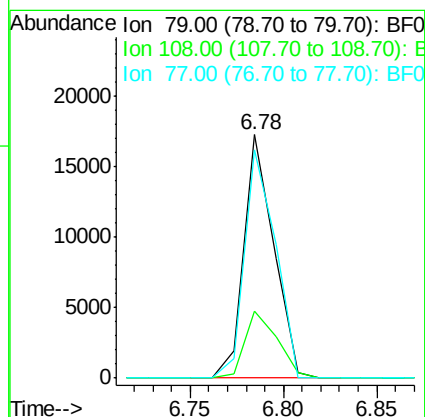
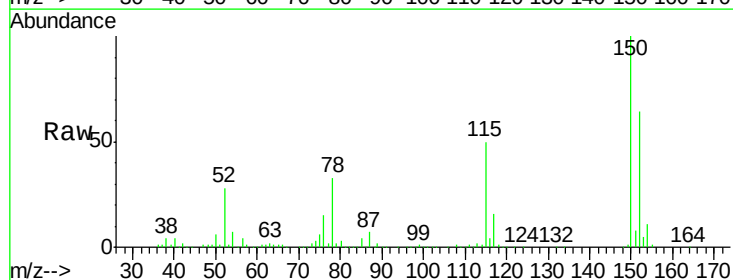
Tgt Ion: 79 Resp: 19274

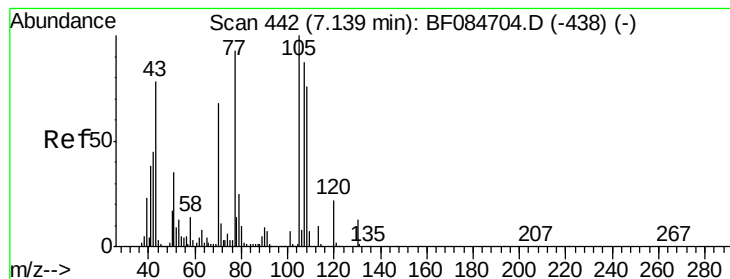
Ion Ratio Lower Upper

79 100

108 27.5 69.0 103.4#

77 93.7 50.0 75.0#





#19

n-Nitroso-di-n-propylamine

Concen: 20.76 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.09 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

Instrument :

BNA_F

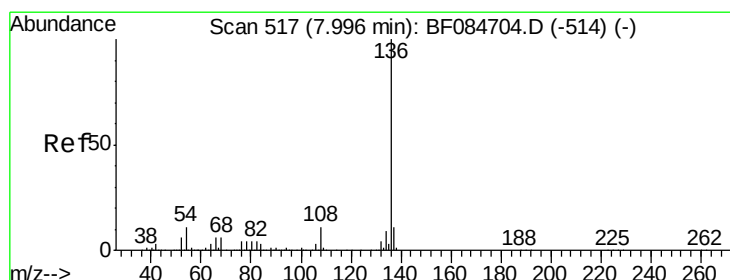
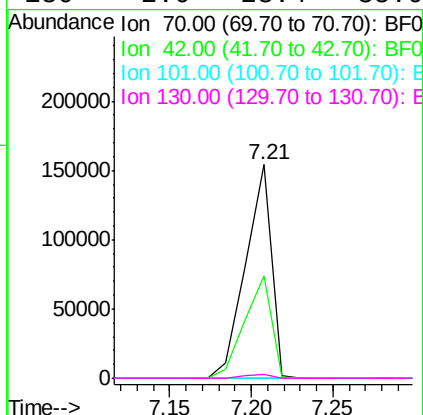
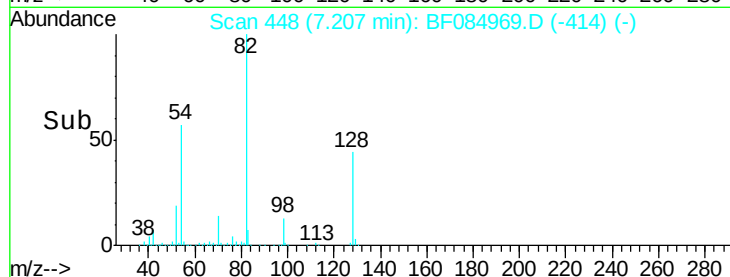
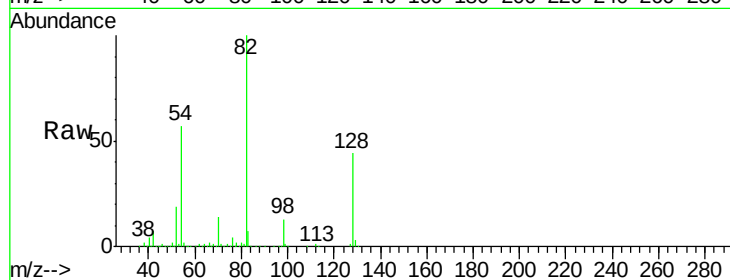
ClientSampleId :

SB02-2-3

Tgt Ion: 70 Resp: 169668

Ion Ratio Lower Upper

70	100		
42	48.0	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: 7.92 min Scan# 510

Delta R.T. -0.06 min

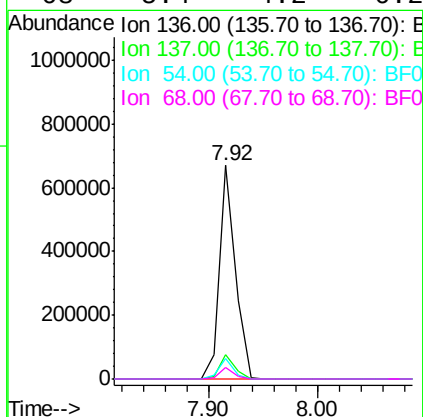
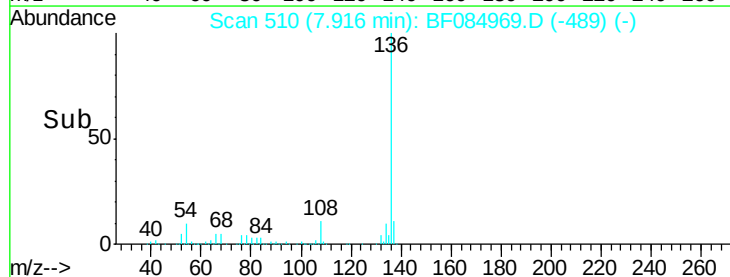
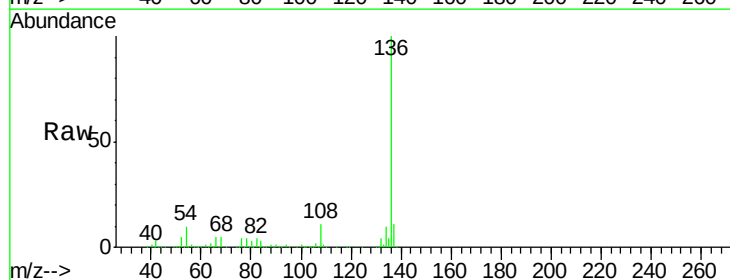
Lab File: BF084969.D

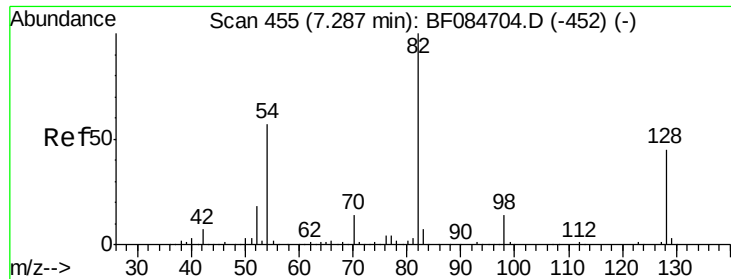
Acq: 9 Feb 2016 23:12

Tgt Ion: 136 Resp: 682963

Ion Ratio Lower Upper

136	100		
137	11.3	8.7	13.1
54	9.8	5.8	8.8#
68	5.4	4.2	6.2

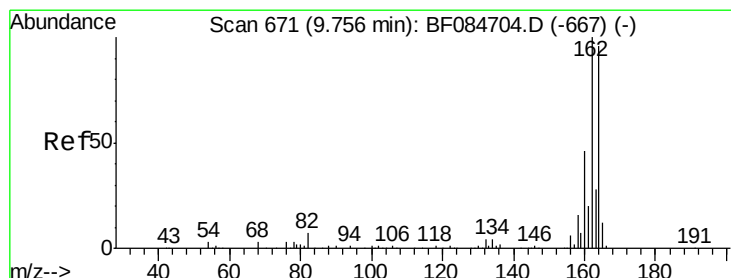
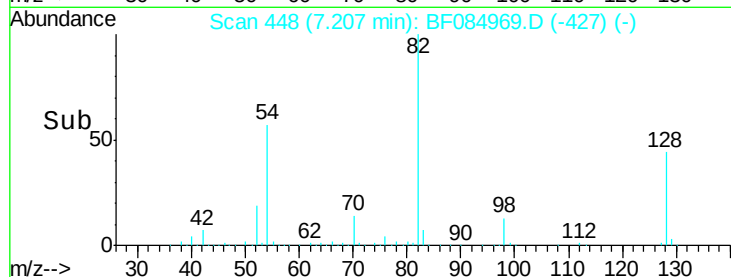
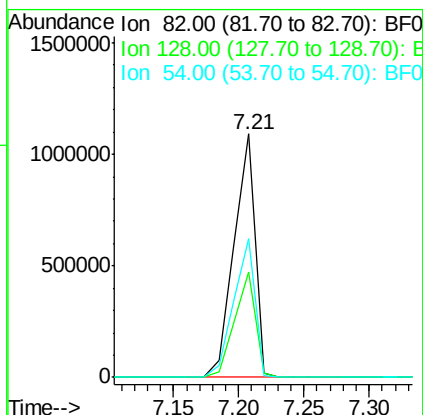
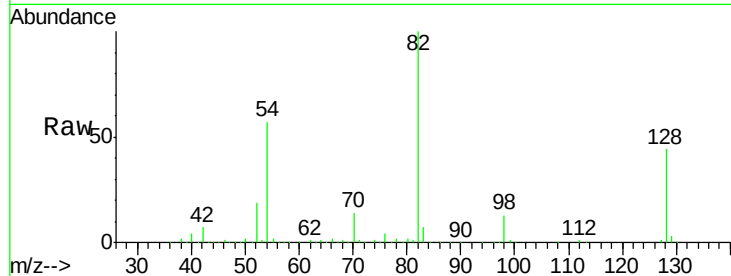




#23
 Nitrobenzene-d5
 Concen: 100.12 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084969.D
 Acq: 9 Feb 2016 23:12

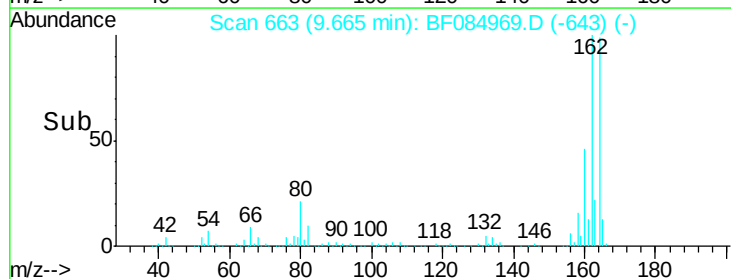
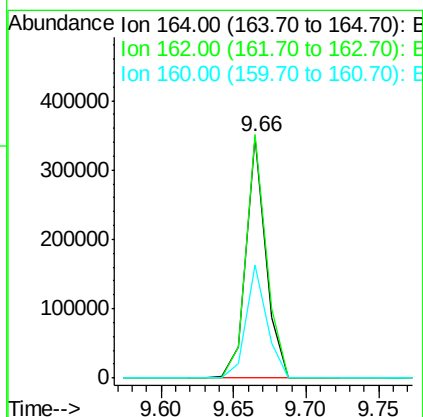
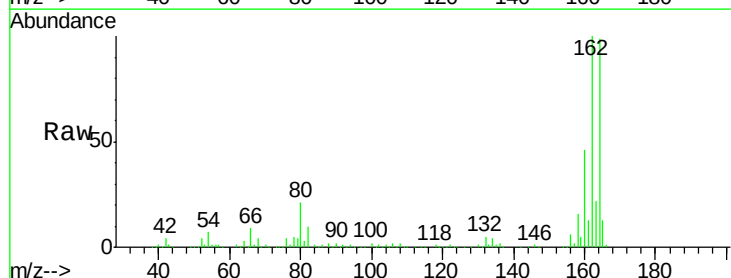
Instrument :
 BNA_F
 ClientSampleID :
 SB02-2-3

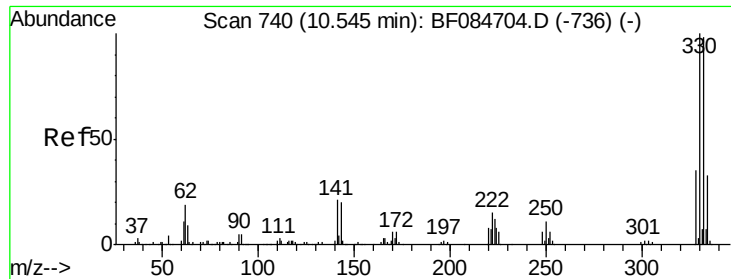
Tgt Ion: 82 Resp: 1213871
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 51.8
 54 57.0 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084969.D
 Acq: 9 Feb 2016 23:12

Tgt Ion: 164 Resp: 331976
 Ion Ratio Lower Upper
 164 100
 162 100.8 85.1 127.7
 160 46.7 37.5 56.3

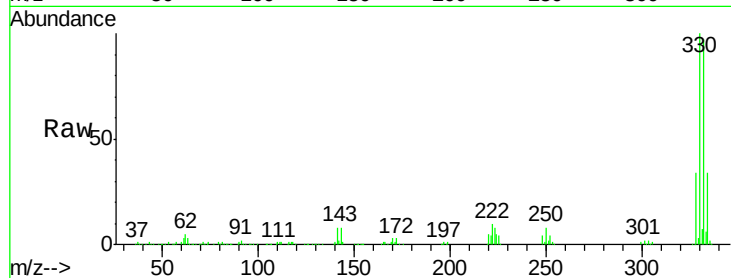




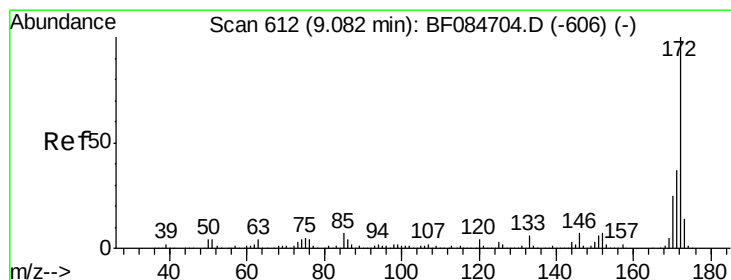
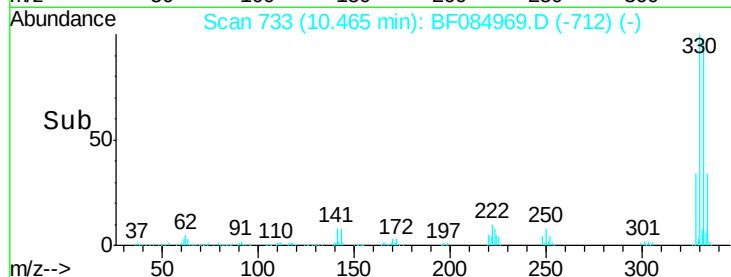
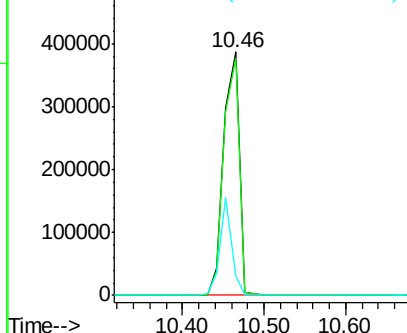
#41
 2,4,6-Tribromophenol
 Concen: 146.64 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084969.D
 Acq: 9 Feb 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 SB02-2-3

Tgt Ion:330 Resp: 507783
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 31.0 27.8 41.6

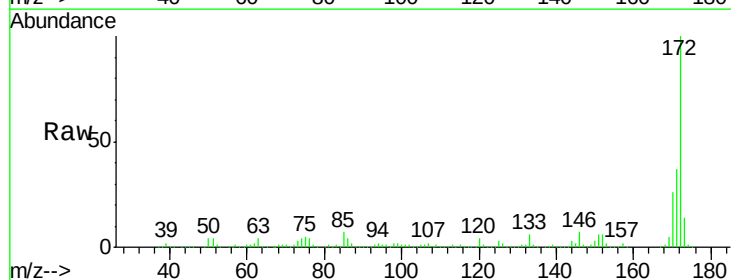


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

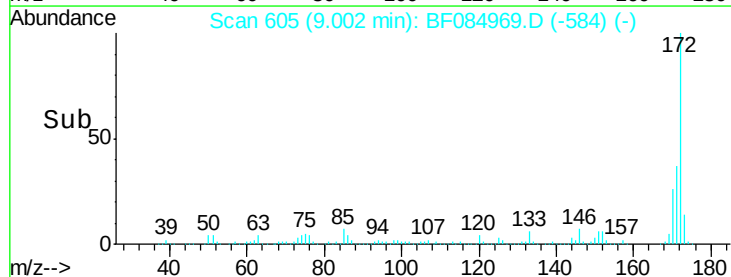
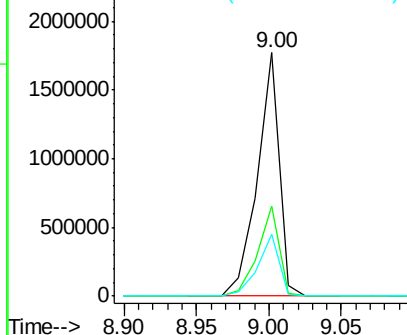


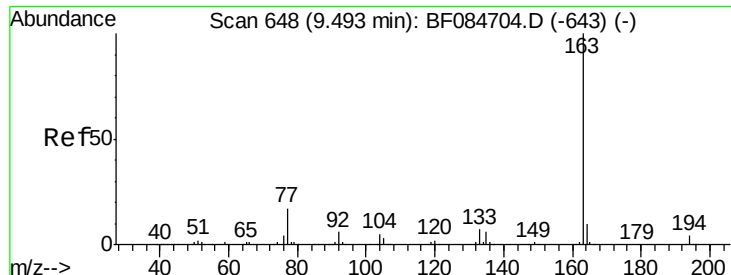
#44
 2-Fluorobiphenyl
 Concen: 99.41 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084969.D
 Acq: 9 Feb 2016 23:12

Tgt Ion:172 Resp: 1848268
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.5 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

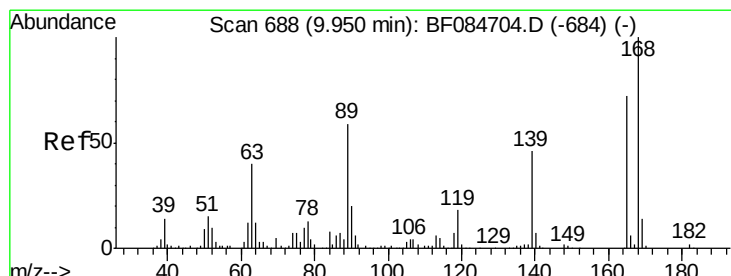
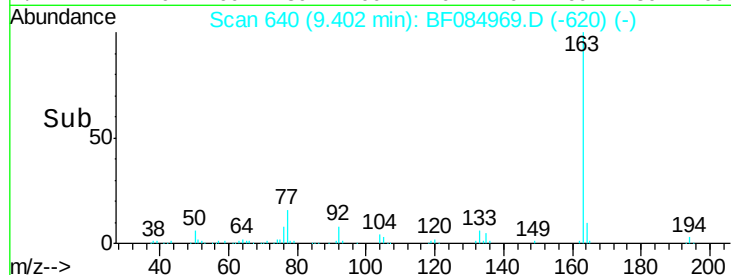
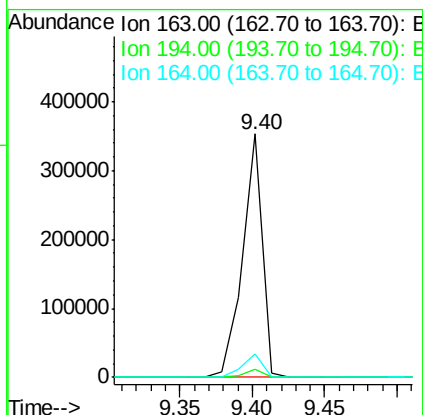
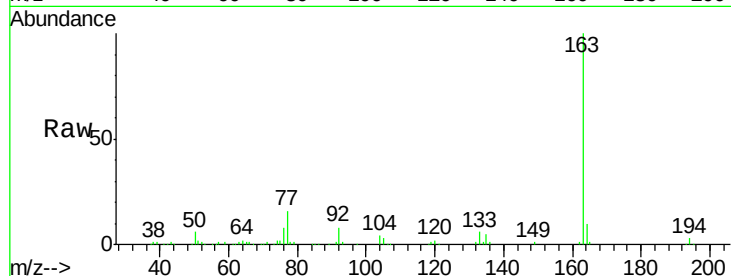




#49
Dimethylphthalate
Concen: 13.15 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084969.D
Acq: 9 Feb 2016 23:12

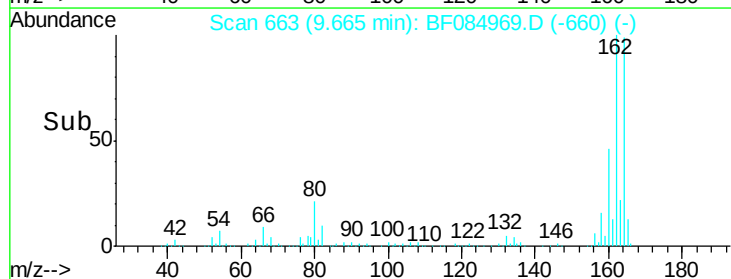
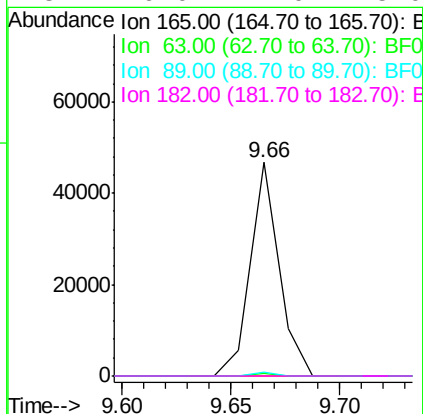
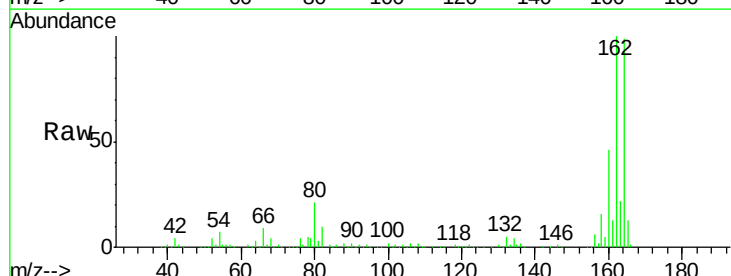
Instrument :
BNA_F
ClientSampleId :
SB02-2-3

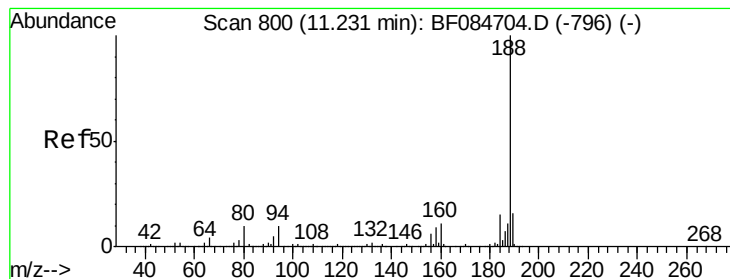
Tgt Ion:163 Resp: 332405
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 9.8 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.26 min
Lab File: BF084969.D
Acq: 9 Feb 2016 23:12

Tgt Ion:165 Resp: 43034
Ion Ratio Lower Upper
165 100
63 1.3 36.7 55.1#
89 1.5 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: BF084969.D

Acq: 9 Feb 2016 23:12

Instrument :

BNA_F

ClientSampleId :

SB02-2-3

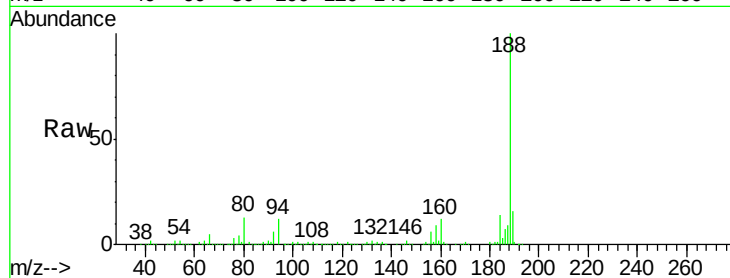
Tgt Ion:188 Resp: 588919

Ion Ratio Lower Upper

188 100

94 12.1 9.0 13.4

80 12.6 9.6 14.4

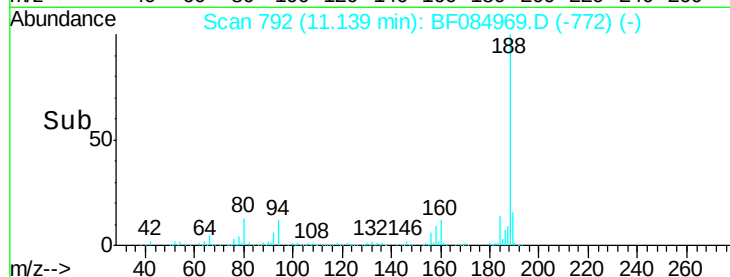


Abundance Ion 188.00 (187.70 to 188.70): E

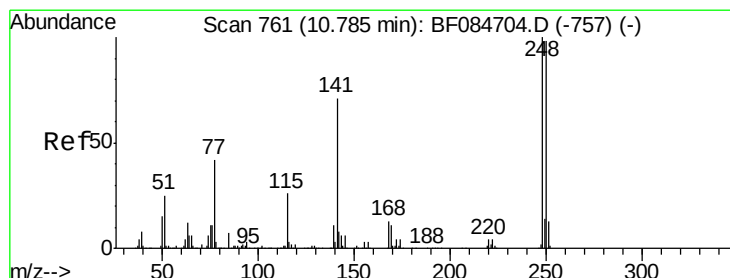
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.05 11.10 11.15 11.20



Time--> 11.05 11.10 11.15 11.20



#66

4-Bromophenyl-phenylether

Concen: 4.35 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.31 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

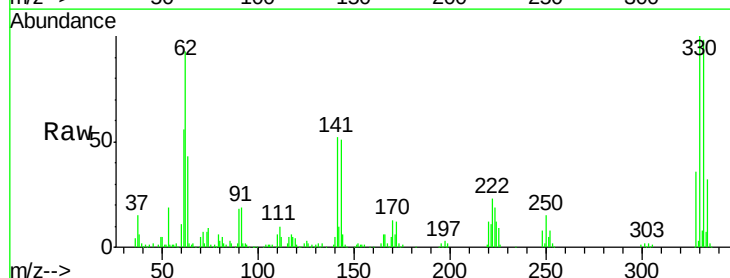
Tgt Ion:248 Resp: 28297

Ion Ratio Lower Upper

248 100

250 195.6 78.4 117.6#

141 671.6 44.0 66.0#

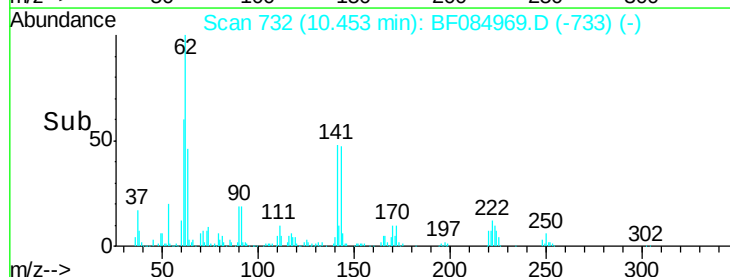


Abundance Ion 248.00 (247.70 to 248.70): E

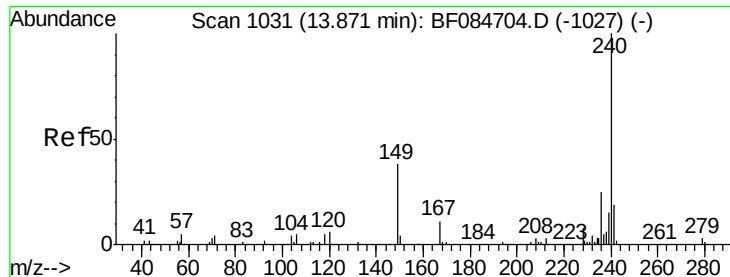
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time--> 10.40 10.45 10.50



Time--> 10.40 10.45 10.50



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

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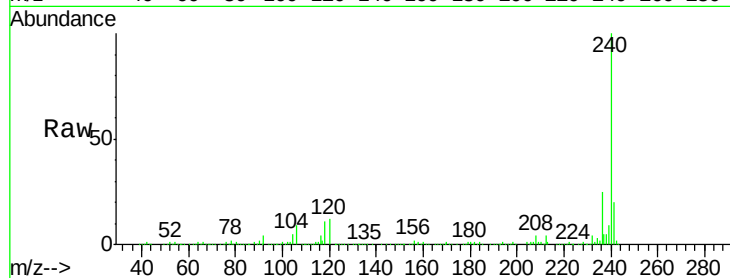
Tgt Ion:240 Resp: 423985

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

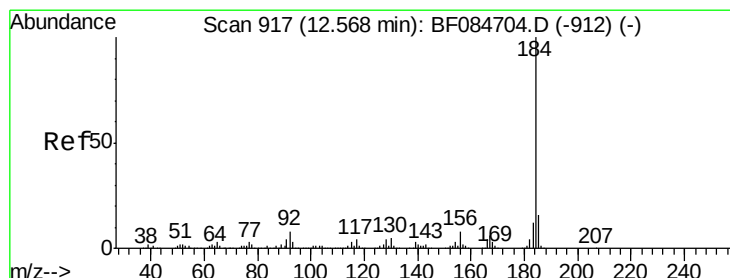
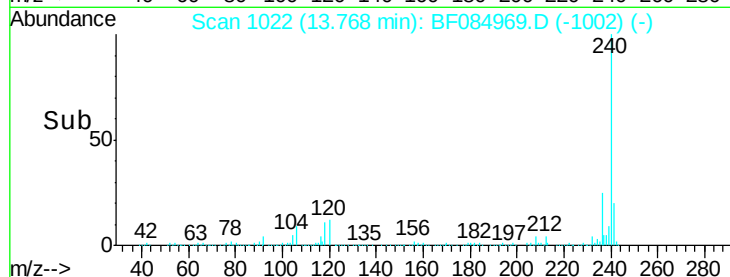
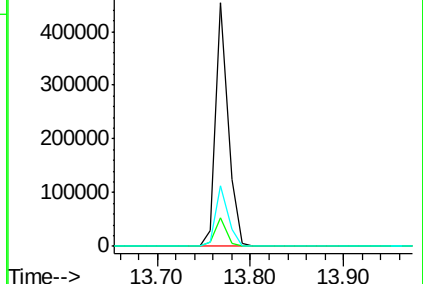
236 25.1 20.6 31.0



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



#76

Benzidine

Concen: 7.94 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.18 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

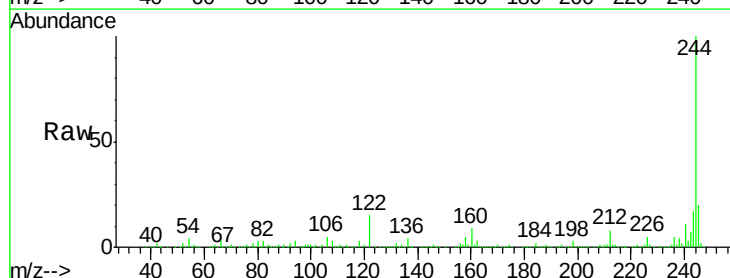
Tgt Ion:184 Resp: 23699

Ion Ratio Lower Upper

184 100

185 18.0 12.2 18.2

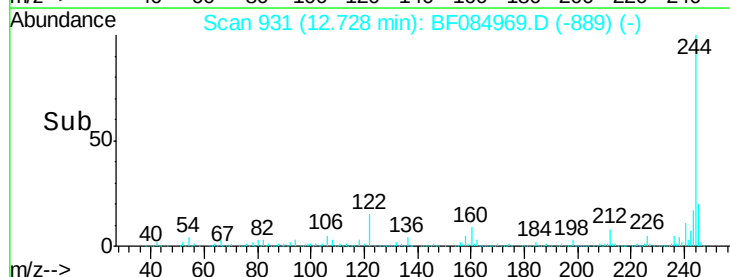
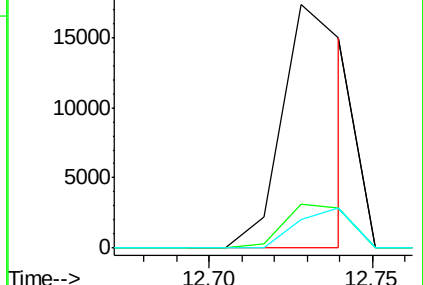
183 11.5 9.8 14.8

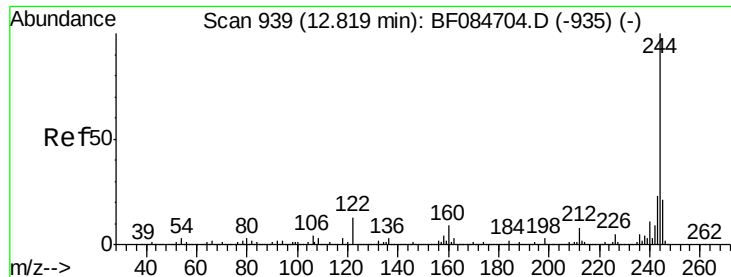


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 92.58 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084969.D

Acq: 9 Feb 2016 23:12

Instrument :

BNA_F

ClientSampleId :

SB02-2-3

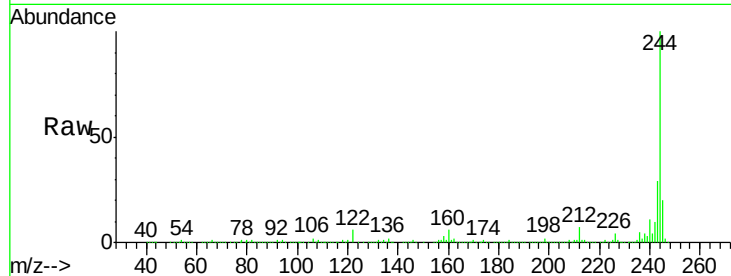
Tgt Ion:244 Resp: 1732224

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

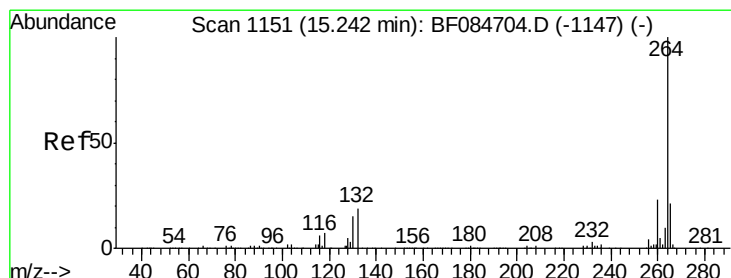
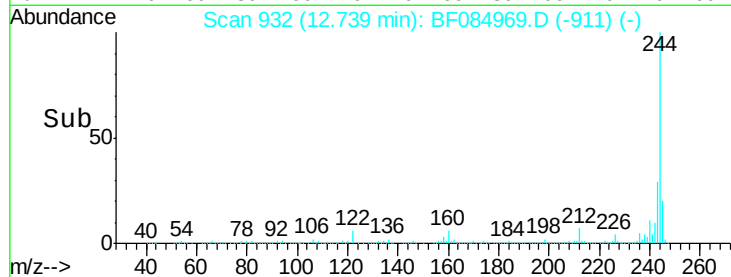
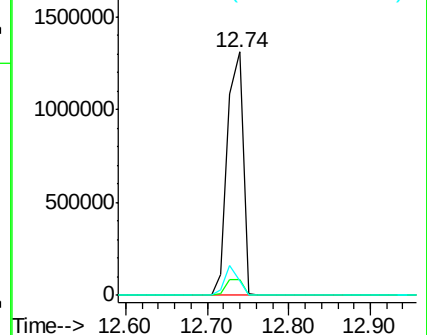
122 6.2 7.4 11.0#



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: BF084969.D

Acq: 9 Feb 2016 23:12

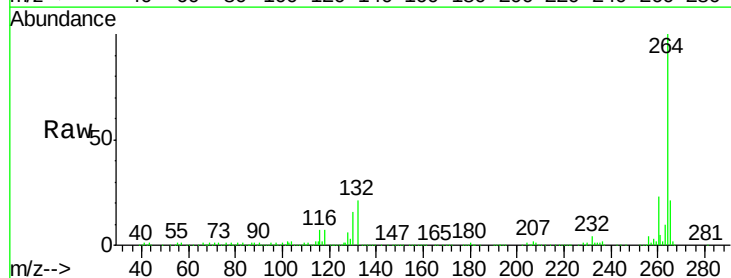
Tgt Ion:264 Resp: 330048

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.4 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

