

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084950.D
 Acq On : 9 Feb 2016 14:22
 Operator : SJ/IZ
 Sample : H1377-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP01-020516

Quant Time: Feb 10 03:21:28 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

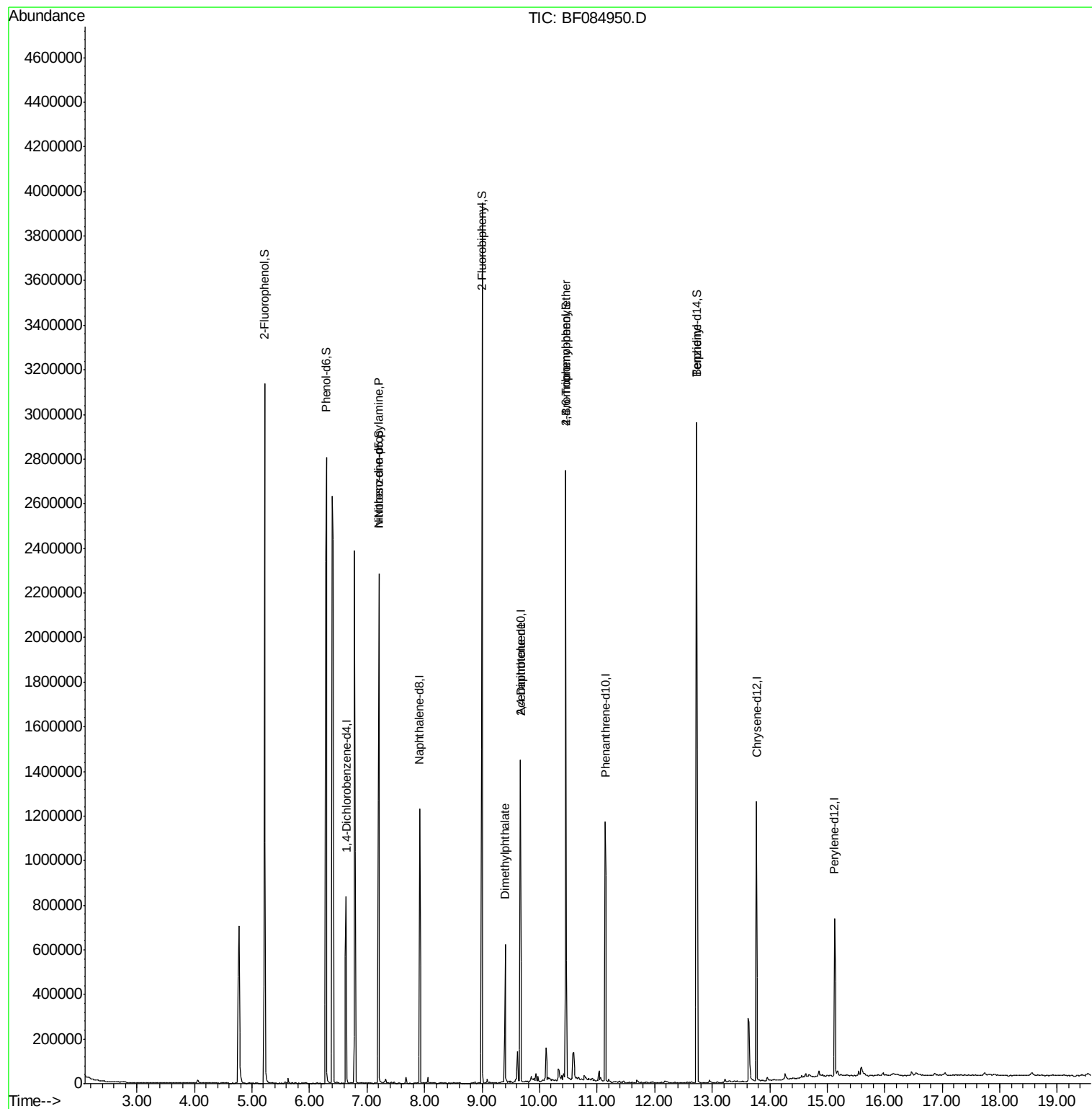
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	161933	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	642677	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	306949	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	594248	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	460543	20.00	ng	-0.07
86) Perylene-d12	15.13	264	331311	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	927863	89.25	ng	-0.06
7) Phenol-d6	6.29	99	1361588	105.64	ng	-0.05
23) Nitrobenzene-d5	7.21	82	866264	75.93	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	310727	97.05	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1286416	65.39	ng	-0.06
78) Terphenyl-d14	12.73	244	1120229	55.12	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	118400	14.66	ng	# 75
49) Dimethylphthalate	9.40	163	269314	11.52	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	39887	6.12	ng	# 21
66) 4-Bromophenyl-phenylether	10.45	248	19335	2.95	ng	# 1
76) Benzidine	12.73	184	15137	7.51	ng	99

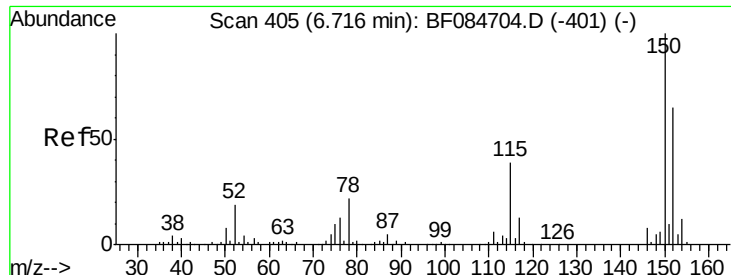
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084950.D

Acq: 9 Feb 2016 14:22

Instrument :

BNA_F

ClientSampleId :

DUP01-020516

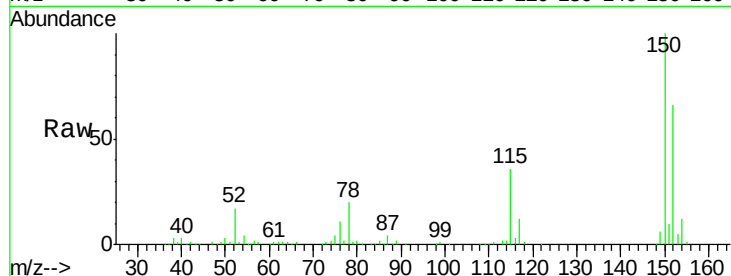
Tgt Ion:152 Resp: 161933

Ion Ratio Lower Upper

152 100

150 152.0 123.0 184.4

115 55.2 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

300000

250000

200000

150000

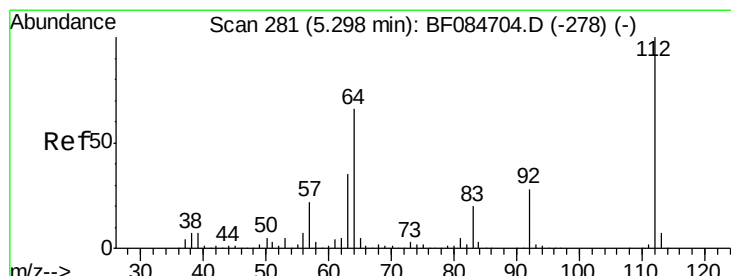
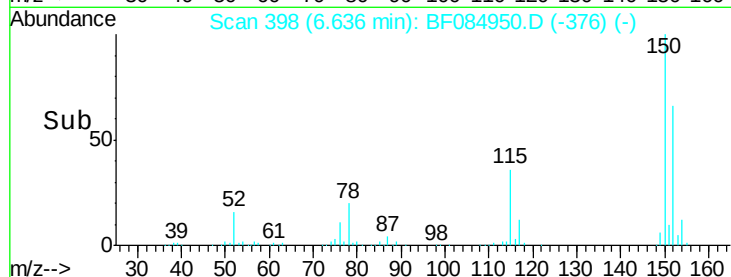
100000

50000

0

6.60 6.65

Time-->



#5

2-Fluorophenol

Concen: 89.25 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

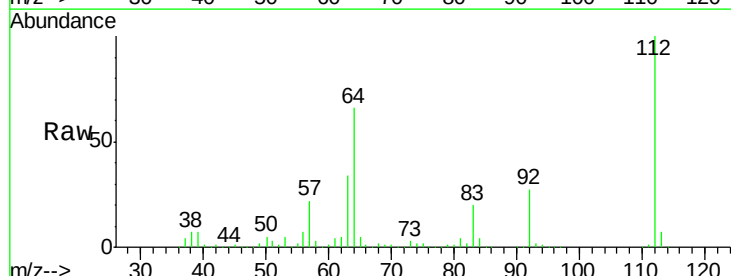
Tgt Ion:112 Resp: 927863

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

63 34.3 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

1000000

800000

600000

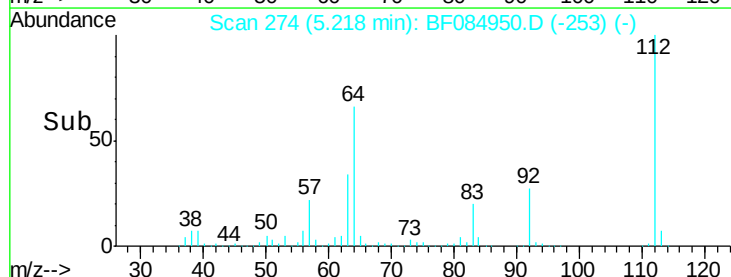
400000

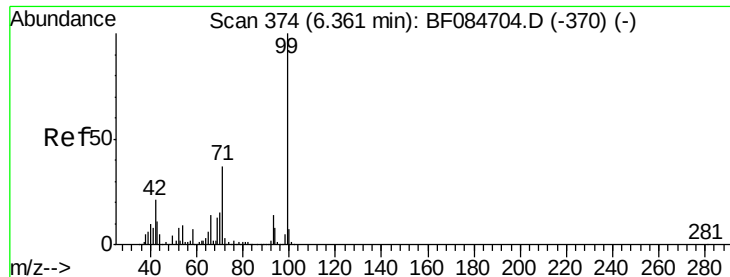
200000

0

5.10 5.20 5.30 5.40

Time-->





#7

Phenol-d6

Concen: 105.64 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

Instrument :

BNA_F

ClientSampleId :

DUP01-020516

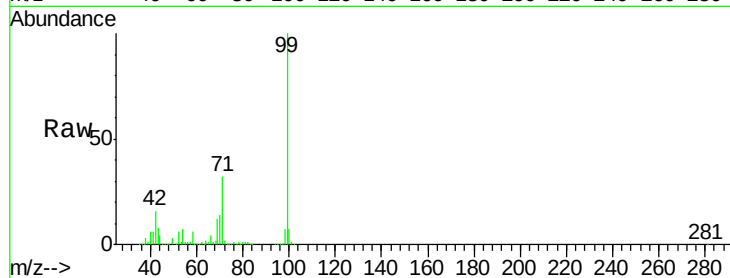
Tgt Ion: 99 Resp: 1361588

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

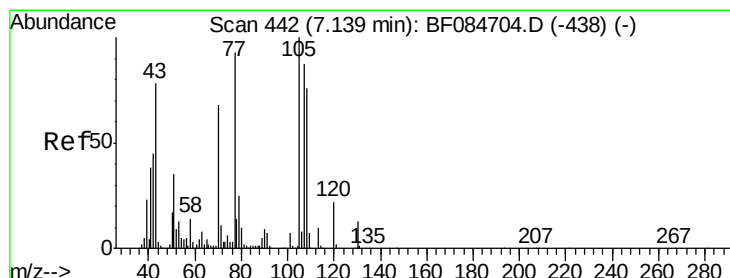
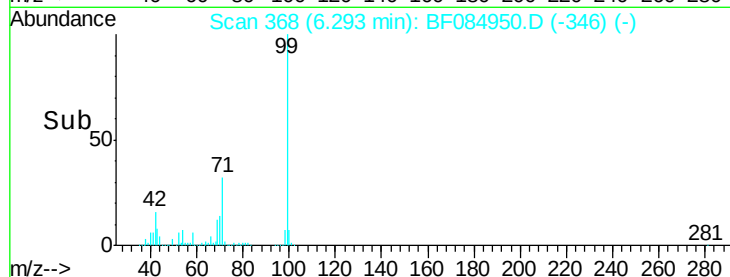
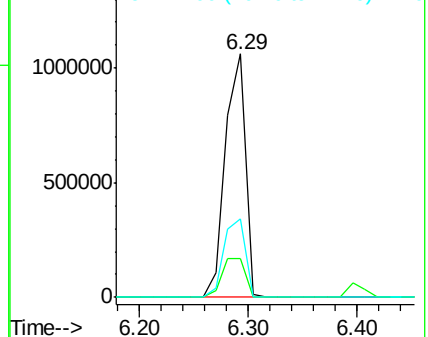
71 32.4 30.9 46.3



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: 14.66 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.09 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

Tgt Ion: 70 Resp: 118400

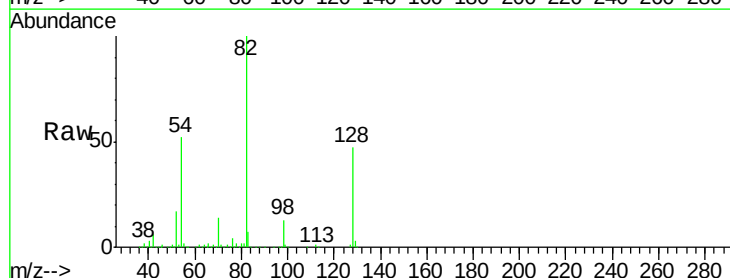
Ion Ratio Lower Upper

70 100

42 45.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

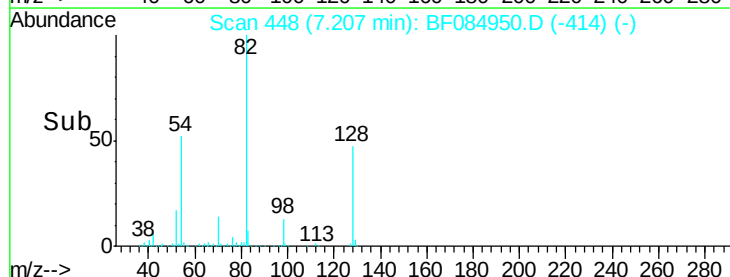
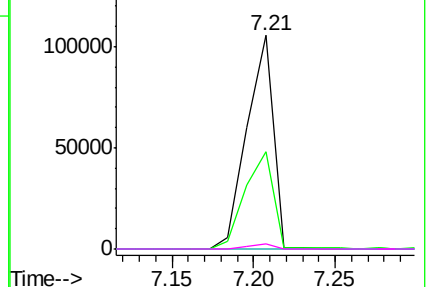


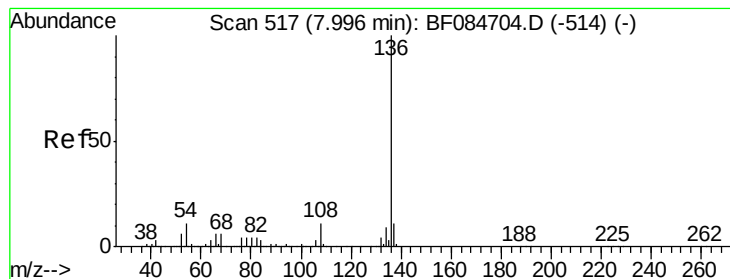
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

Instrument :

BNA_F

ClientSampleId :

DUP01-020516

Tgt Ion: 136 Resp: 642677

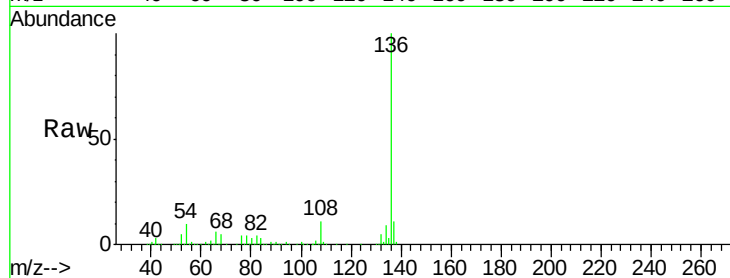
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.4 5.8 8.8#

68 5.5 4.2 6.2

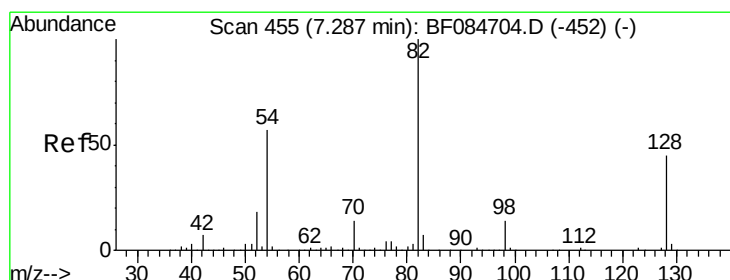
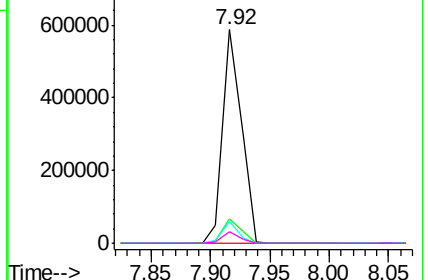
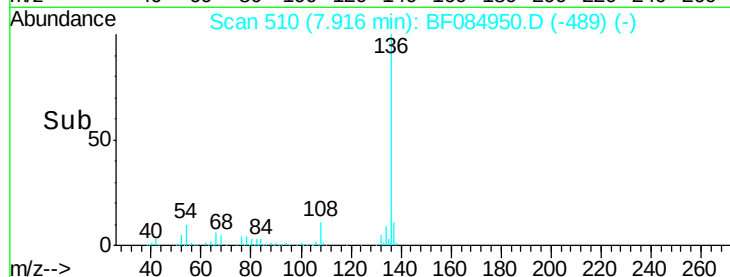


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.93 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

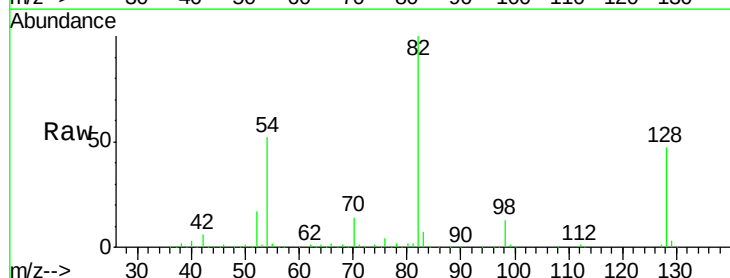
Tgt Ion: 82 Resp: 866264

Ion Ratio Lower Upper

82 100

128 46.6 34.6 51.8

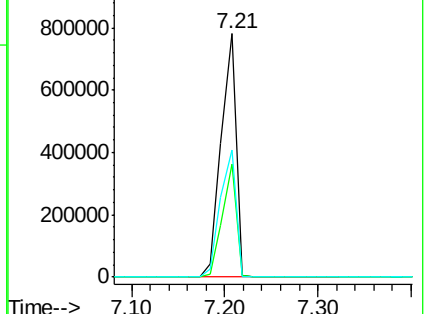
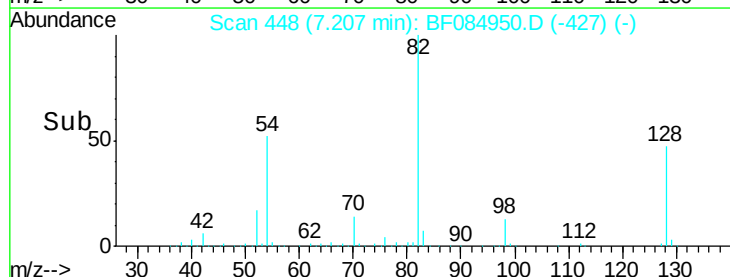
54 52.2 38.4 57.6

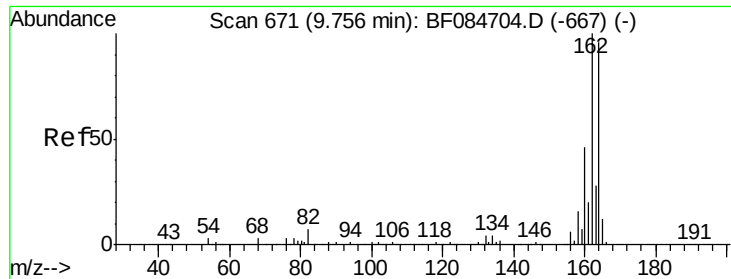


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF084950.D

Acq: 9 Feb 2016 14:22

Instrument :

BNA_F

ClientSampleId :

DUP01-020516

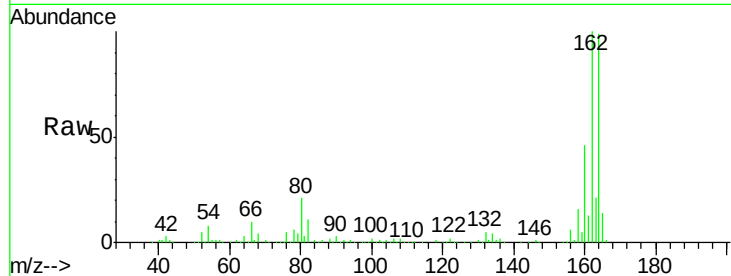
Tgt Ion:164 Resp: 306949

Ion Ratio Lower Upper

164 100

162 101.3 85.1 127.7

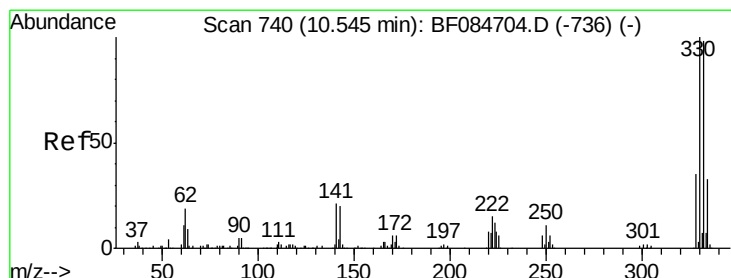
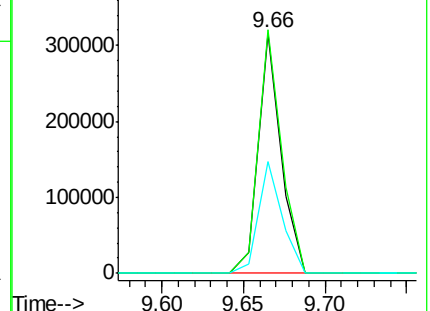
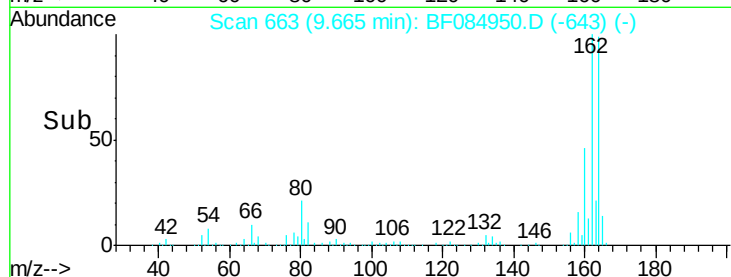
160 46.4 37.5 56.3



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: 97.05 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.07 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

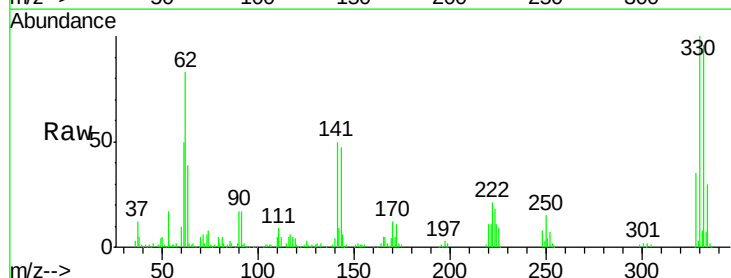
Tgt Ion:330 Resp: 310727

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

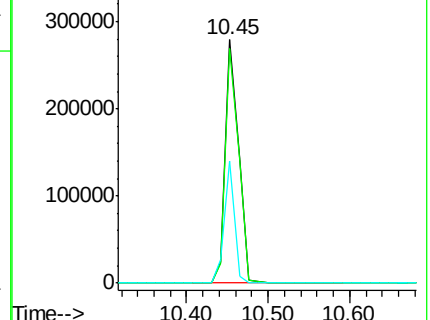
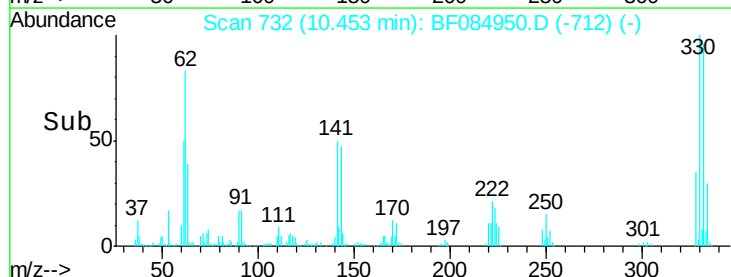
141 39.4 27.8 41.6

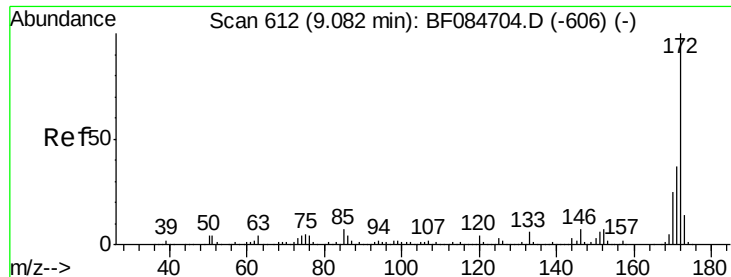


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

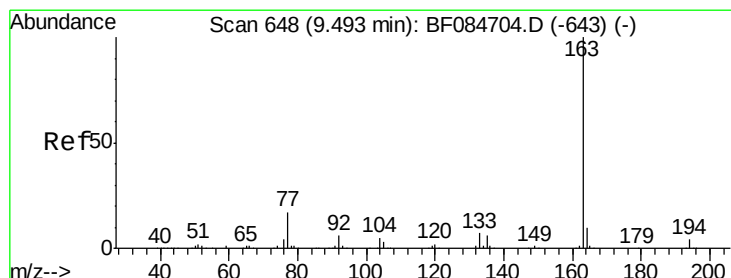
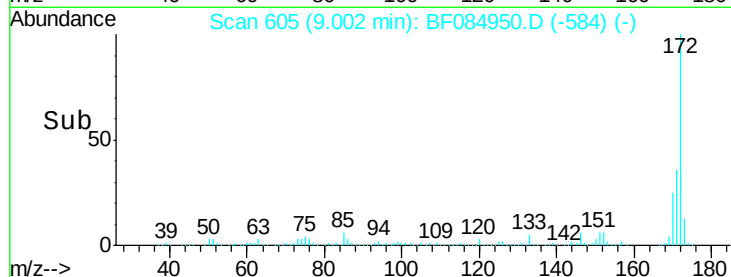
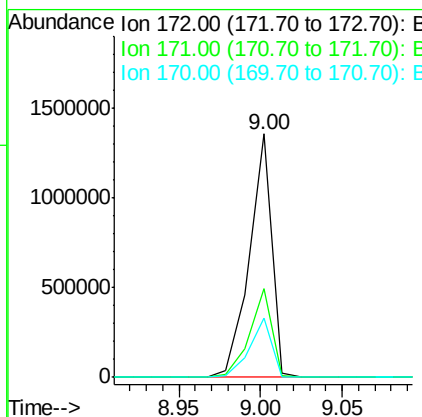
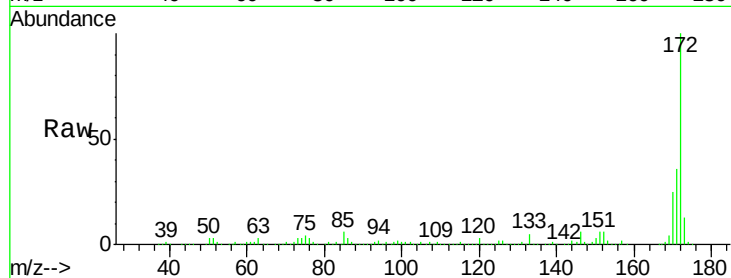




#44
 2-Fluorobiphenyl
 Concen: 65.39 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084950.D
 Acq: 9 Feb 2016 14:22

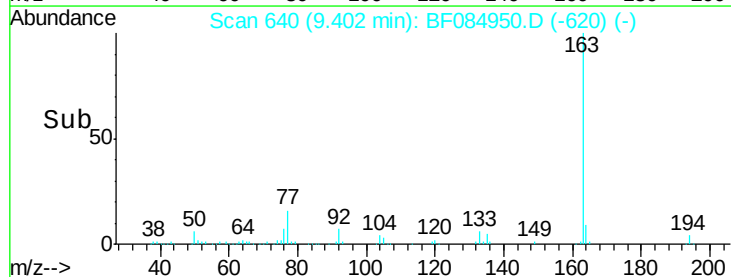
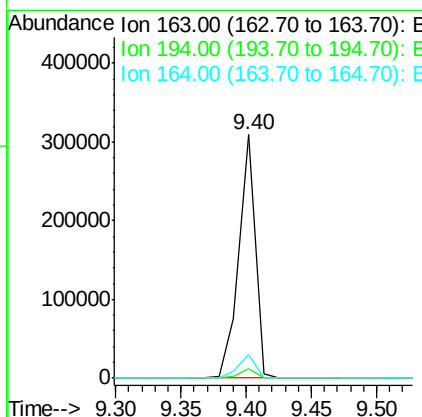
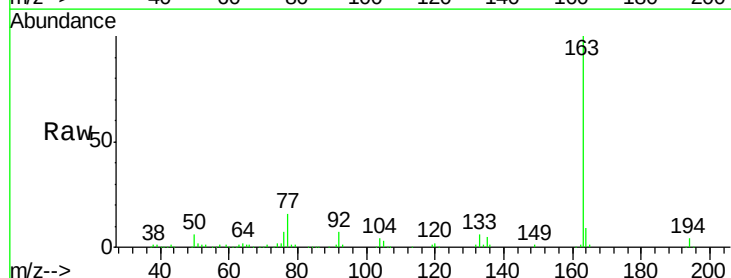
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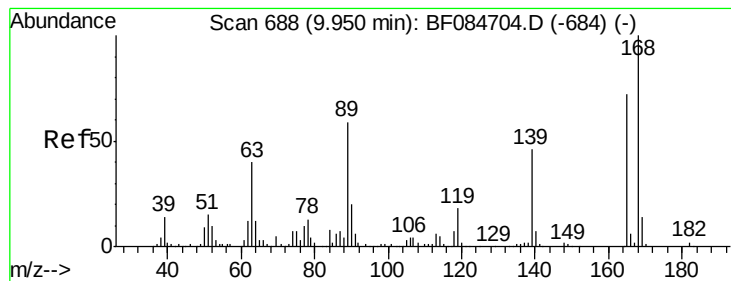
Tgt Ion:172 Resp: 1286416
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.6 18.6 27.8



#49
 Dimethylphthalate
 Concen: 11.52 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.07 min
 Lab File: BF084950.D
 Acq: 9 Feb 2016 14:22

Tgt Ion:163 Resp: 269314
 Ion Ratio Lower Upper
 163 100
 194 3.6 8.0 12.0#
 164 9.4 8.0 12.0





#56

2,4-Dinitrotoluene

Concen: 6.12 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.26 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

Instrument :

BNA_F

ClientSampleId :

DUP01-020516

Tgt Ion:165 Resp: 39887

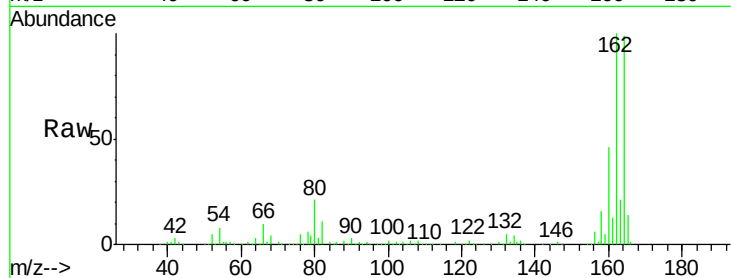
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 1.1 61.9 92.9#

182 0.0 2.0 3.0#

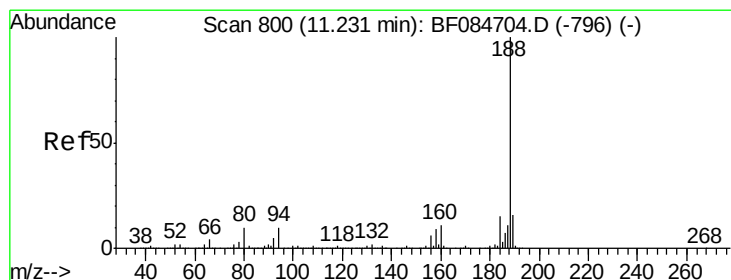
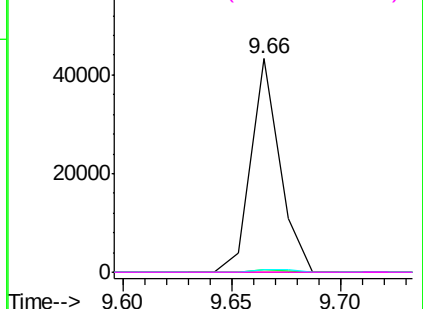
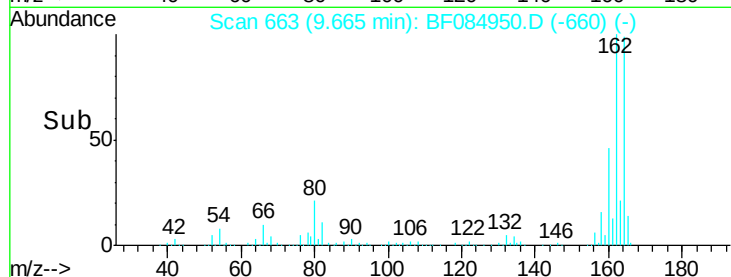


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

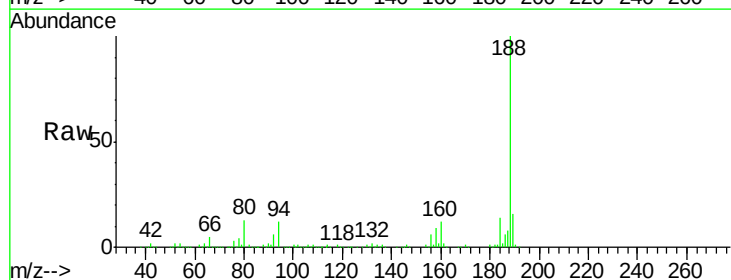
Tgt Ion:188 Resp: 594248

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

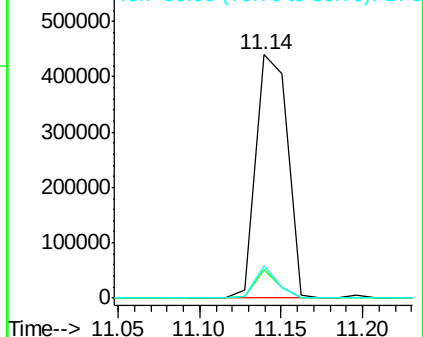
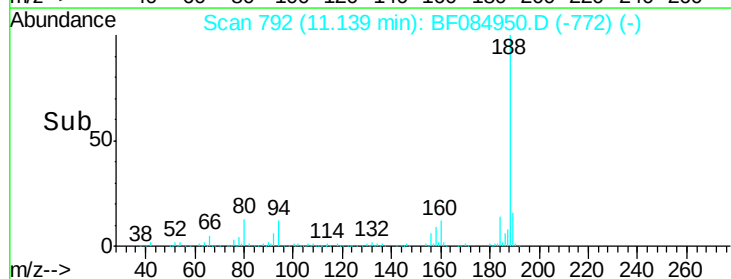
80 13.1 9.6 14.4

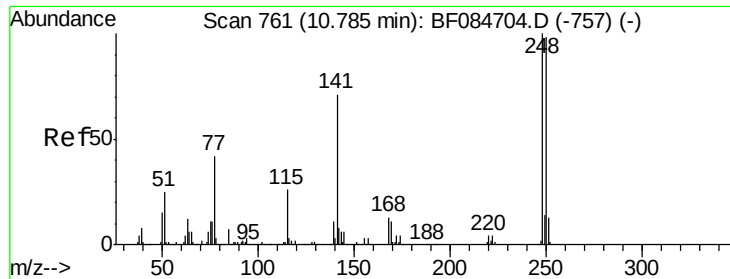


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

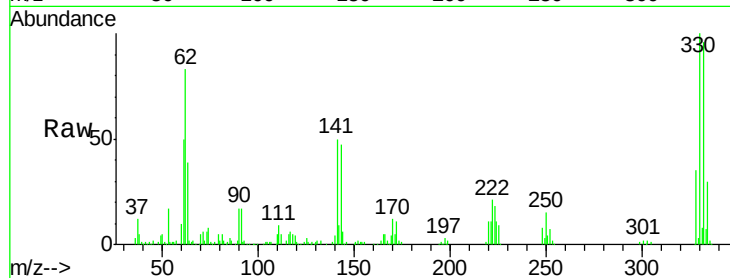




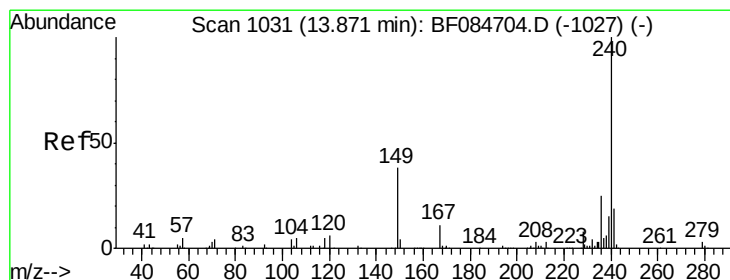
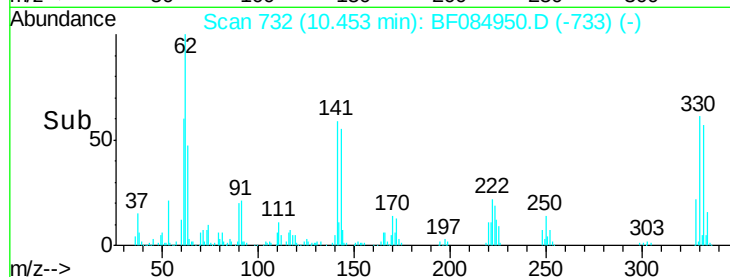
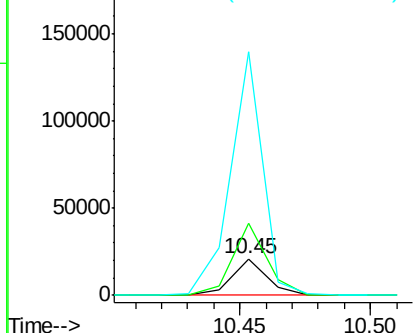
#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.31 min
Lab File: BF084950.D
Acq: 9 Feb 2016 14:22

Instrument :
BNA_F
ClientSampleId :
DUP01-020516

Tgt Ion:248 Resp: 19335
Ion Ratio Lower Upper
248 100
250 198.2 78.4 117.6#
141 665.0 44.0 66.0#

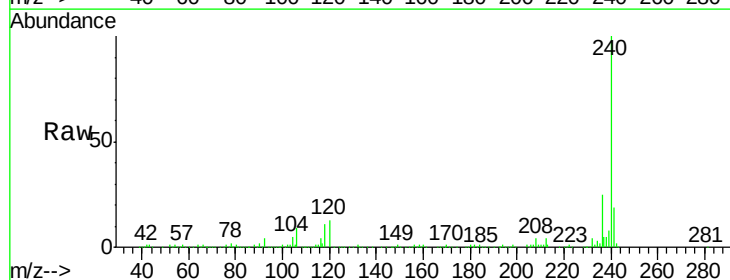


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

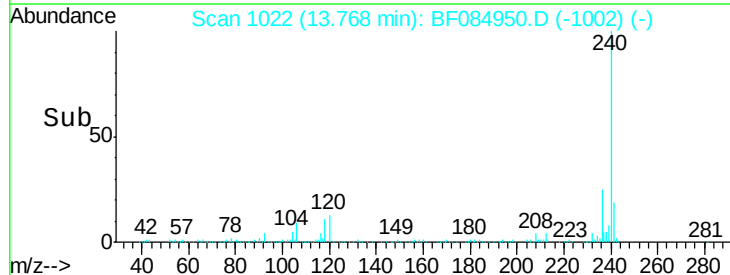
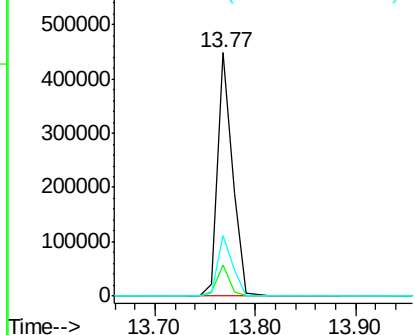


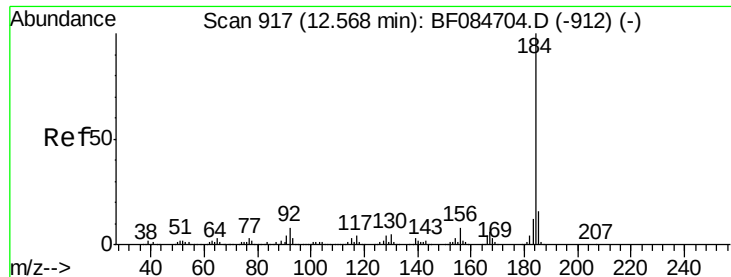
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF084950.D
Acq: 9 Feb 2016 14:22

Tgt Ion:240 Resp: 460543
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.0 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: 7.51 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.18 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

Instrument :

BNA_F

ClientSampleId :

DUP01-020516

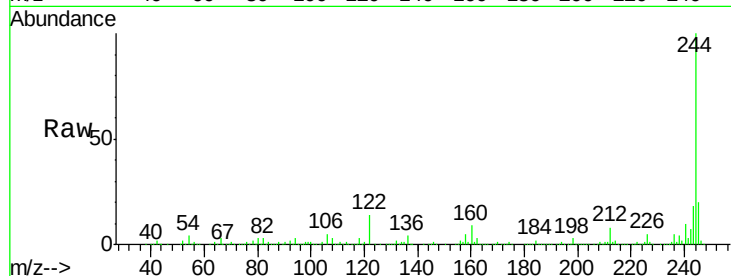
Tgt Ion:184 Resp: 15137

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

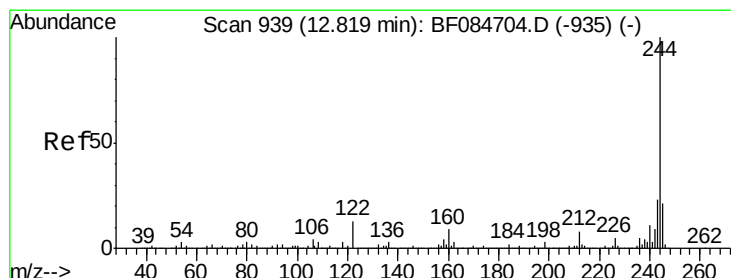
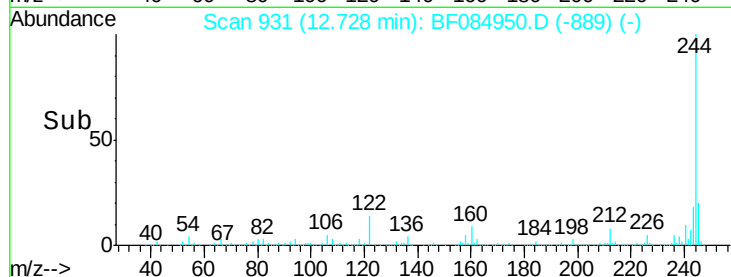
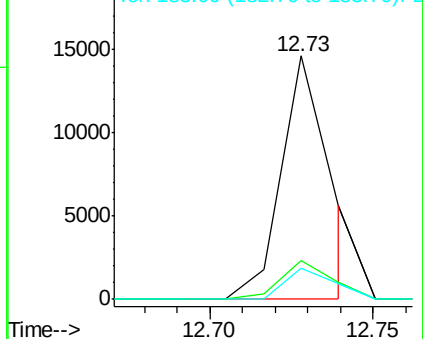
183 12.5 9.8 14.8



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: 55.12 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084950.D

Acq: 9 Feb 2016 14:22

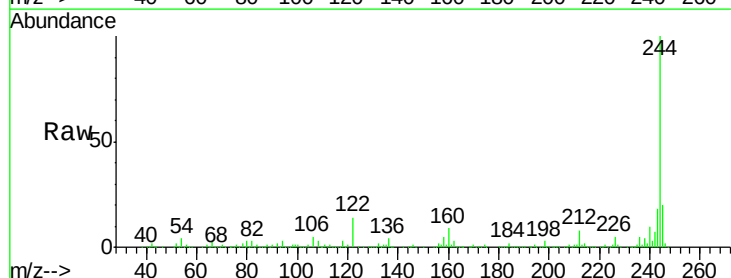
Tgt Ion:244 Resp: 1120229

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

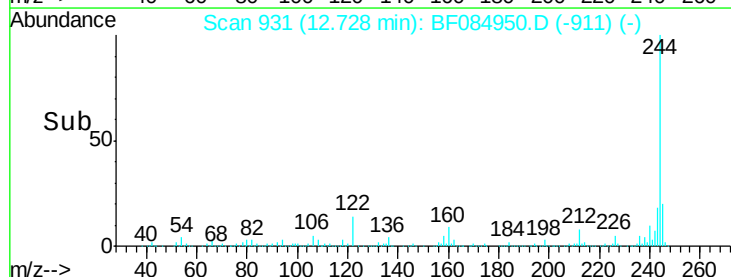
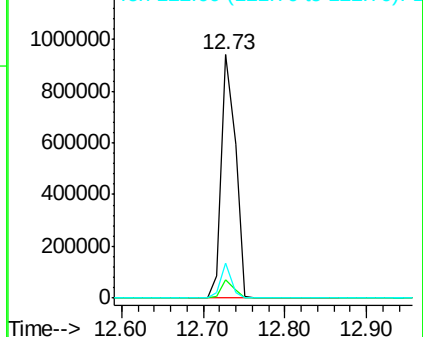
122 14.4 7.4 11.0#

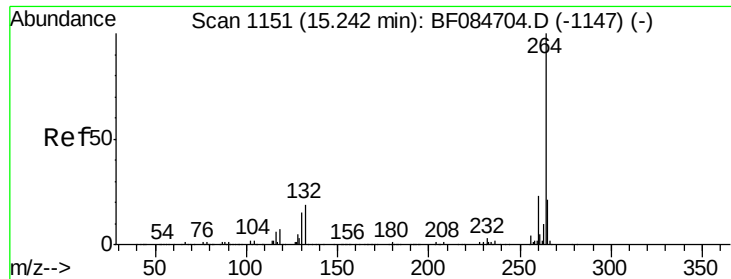


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084950.D
Acq: 9 Feb 2016 14:22

Instrument :
BNA_F
ClientSampleId :
DUP01-020516

Tgt Ion: 264 Resp: 331311
Ion Ratio Lower Upper
264 100
260 22.1 19.4 29.2
265 21.4 17.8 26.6

