

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084972.D
 Acq On : 10 Feb 2016 00:35
 Operator : SJ/IZ
 Sample : H1377-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB05-0-0.5

Quant Time: Feb 10 03:29:06 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

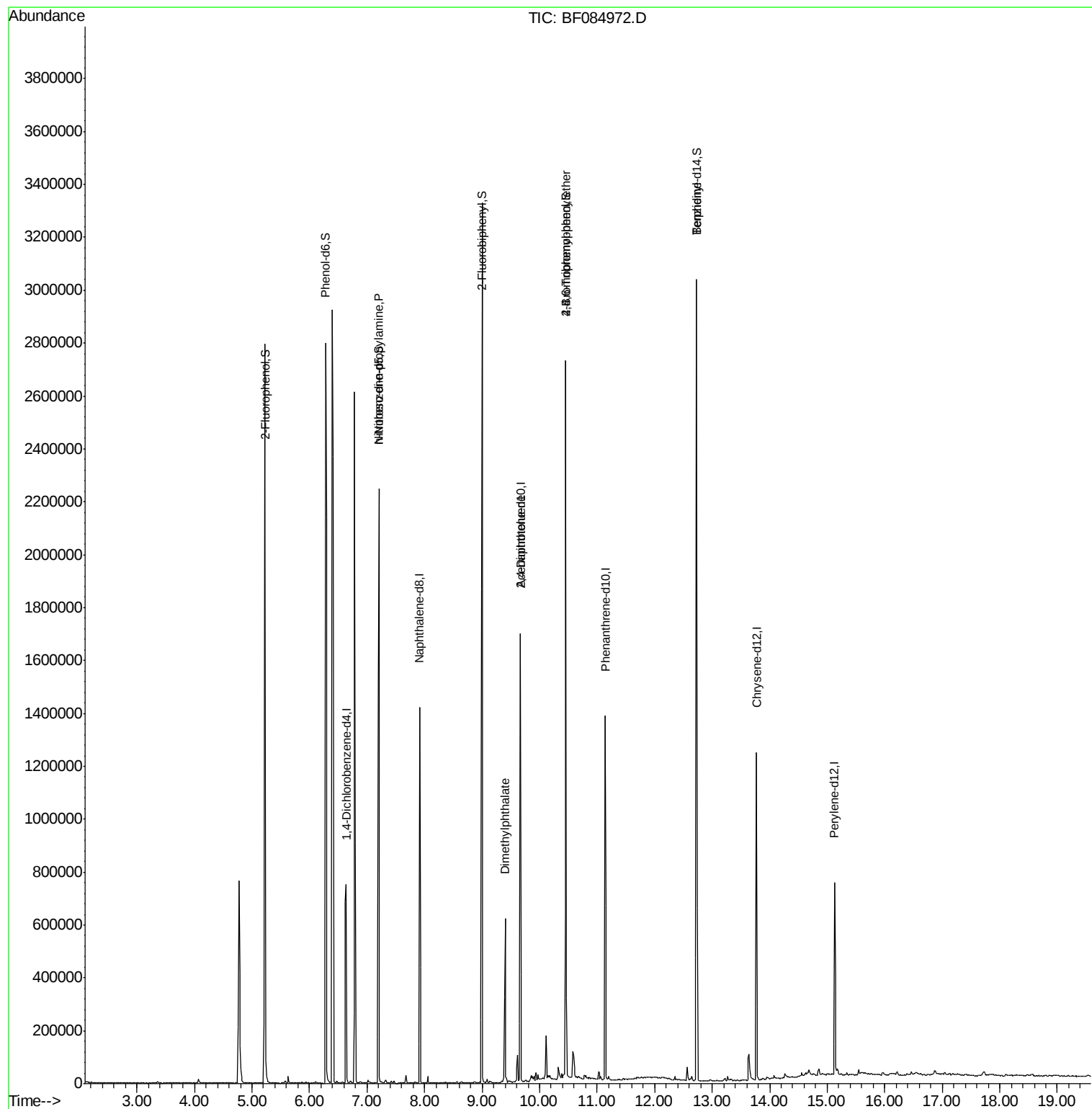
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	166091	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	676962	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	340675	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	575008	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	413636	20.00	ng	-0.07
86) Perylene-d12	15.13	264	322734	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1084430	101.70	ng	-0.05
7) Phenol-d6	6.28	99	1377898	104.23	ng	-0.06
23) Nitrobenzene-d5	7.21	82	926395	77.09	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	289146	81.37	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1280226	56.74	ng	-0.06
78) Terphenyl-d14	12.73	244	937039	51.33	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	126140	15.22	ng	# 78
49) Dimethylphthalate	9.40	163	310001	11.95	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	43474	6.01	ng	# 22
66) 4-Bromophenyl-phenylether	10.45	248	18601	2.93	ng	# 1
76) Benzidine	12.73	184	12763	7.47	ng	# 93

(#) = 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: BF084972.D

Acq: 10 Feb 2016 00:35

Instrument :

BNA_F

ClientSampleId :

SB05-0-0.5

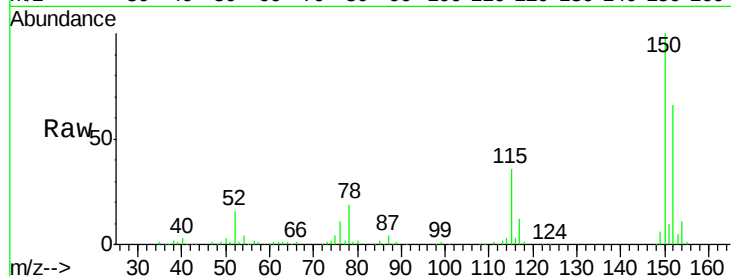
Tgt Ion:152 Resp: 166091

Ion Ratio Lower Upper

152 100

150 150.6 123.0 184.4

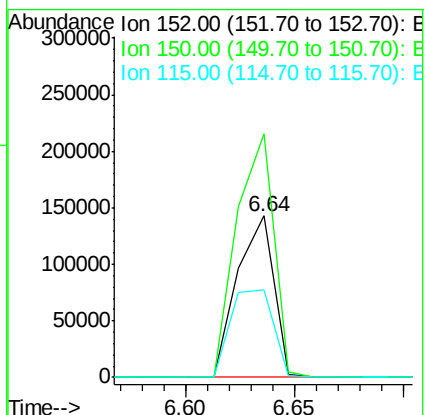
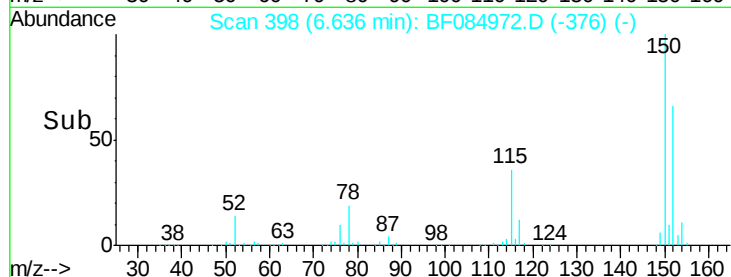
115 53.8 51.4 77.2



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



#5

2-Fluorophenol

Concen: 101.70 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084972.D

Acq: 10 Feb 2016 00:35

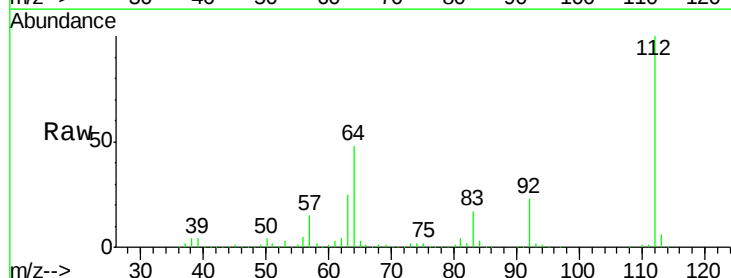
Tgt Ion:112 Resp: 1084430

Ion Ratio Lower Upper

112 100

64 47.9 36.6 55.0

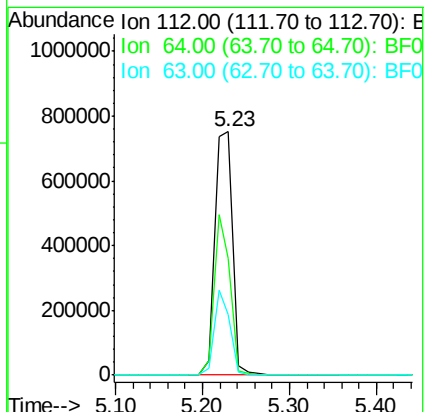
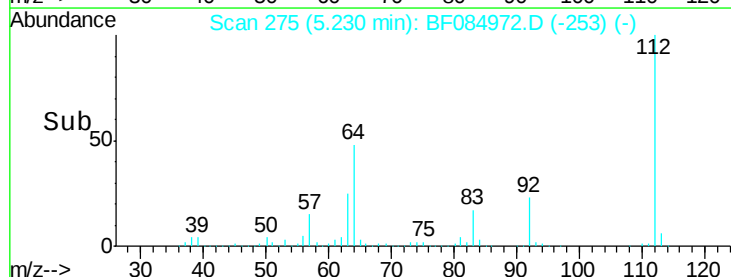
63 24.7 19.4 29.0

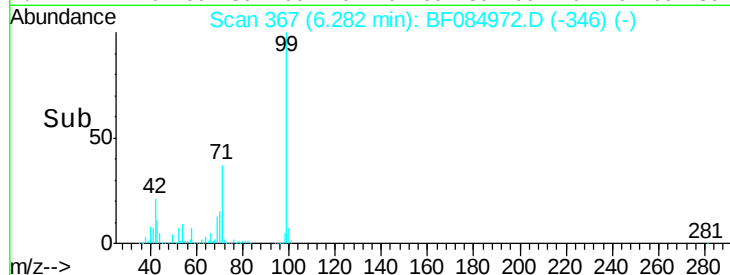
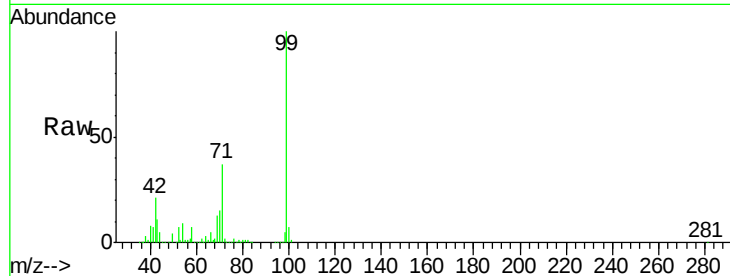
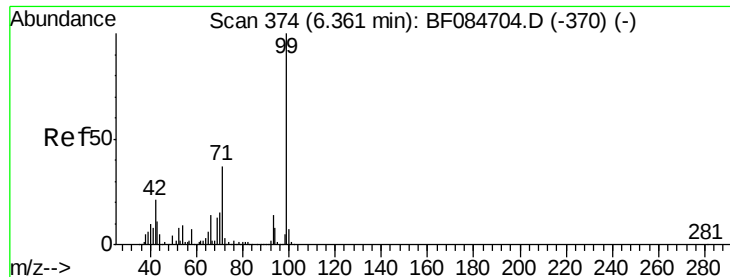


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.23 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.06 min

Lab File: BF084972.D

Acq: 10 Feb 2016 00:35

Instrument :

BNA_F

ClientSampleId :

SB05-0-0.5

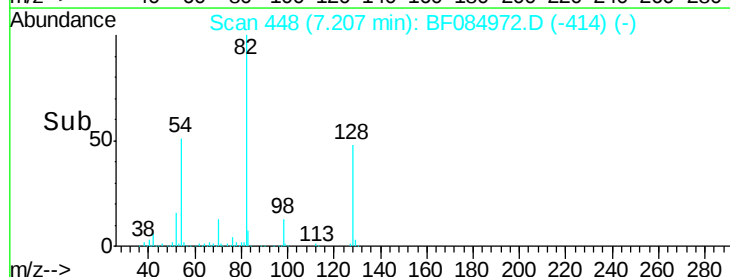
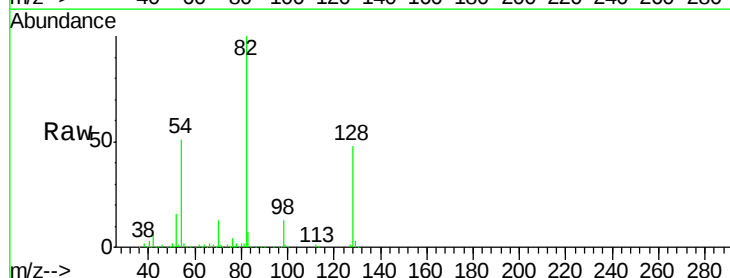
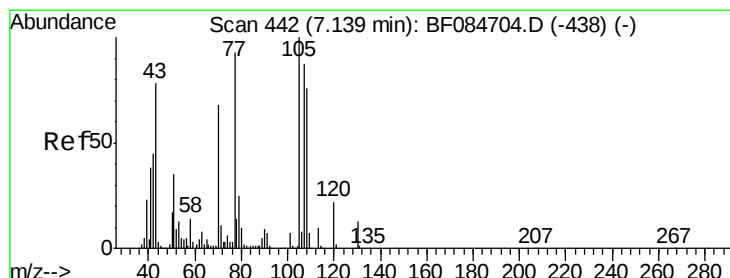
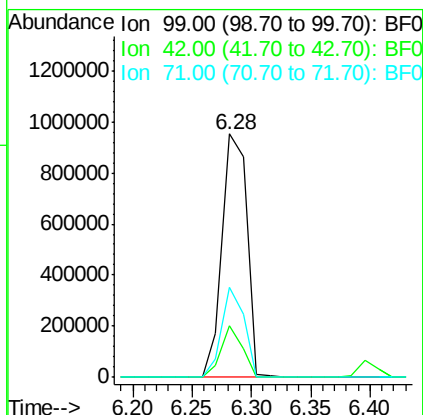
Tgt Ion: 99 Resp: 1377898

Ion Ratio Lower Upper

99 100

42 21.4 12.8 19.2#

71 37.1 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.22 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.09 min

Lab File: BF084972.D

Acq: 10 Feb 2016 00:35

Tgt Ion: 70 Resp: 126140

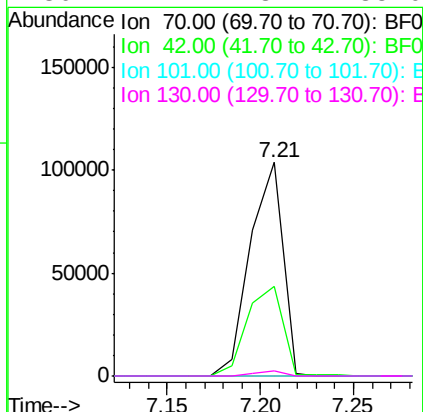
Ion Ratio Lower Upper

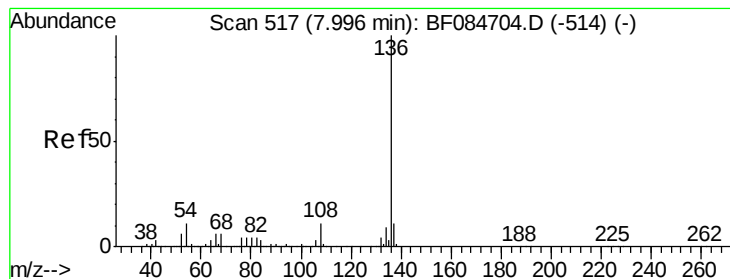
70 100

42 41.9 33.3 49.9

101 0.0 9.3 13.9#

130 2.7 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: BF084972.D

Acq: 10 Feb 2016 00:35

Instrument :

BNA_F

ClientSampleId :

SB05-0-0.5

Tgt Ion: 136 Resp: 676962

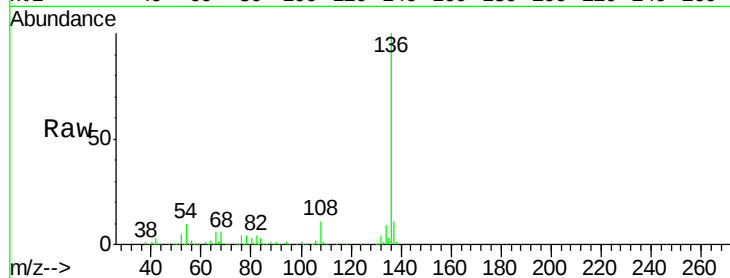
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.2 5.8 8.8#

68 5.8 4.2 6.2

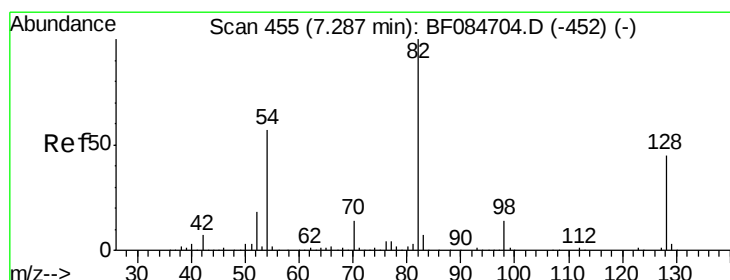
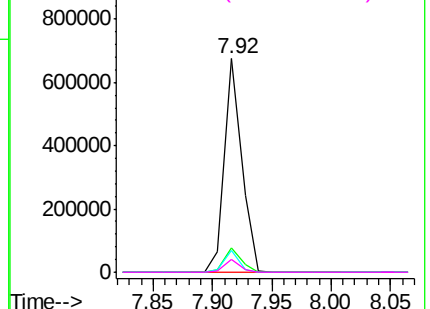
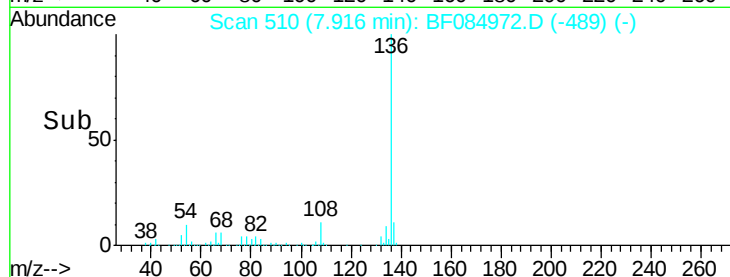


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.09 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084972.D

Acq: 10 Feb 2016 00:35

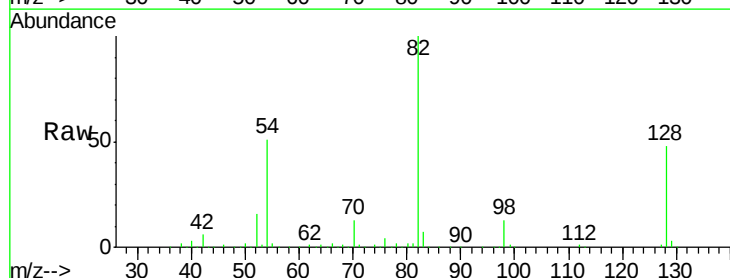
Tgt Ion: 82 Resp: 926395

Ion Ratio Lower Upper

82 100

128 48.2 34.6 51.8

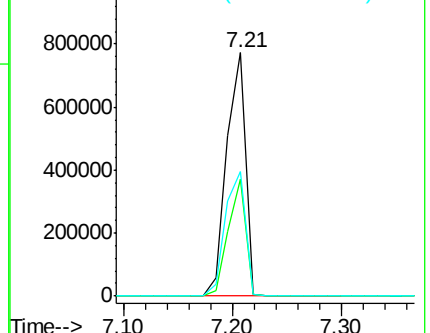
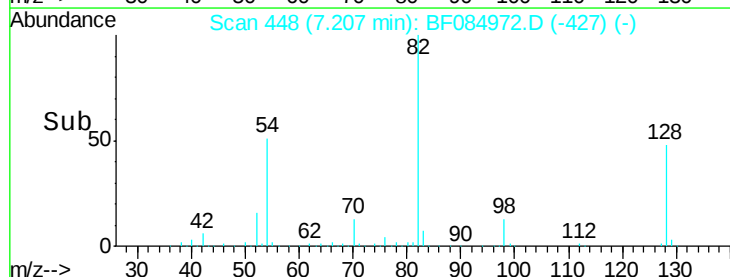
54 50.9 38.4 57.6

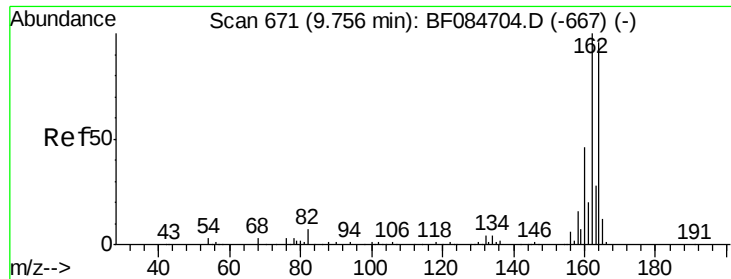


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF084972.D

Acq: 10 Feb 2016 00:35

Instrument :

BNA_F

ClientSampleId :

SB05-0-0.5

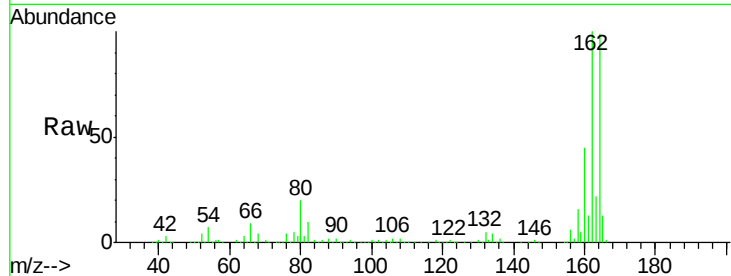
Tgt Ion:164 Resp: 340675

Ion Ratio Lower Upper

164 100

162 101.2 85.1 127.7

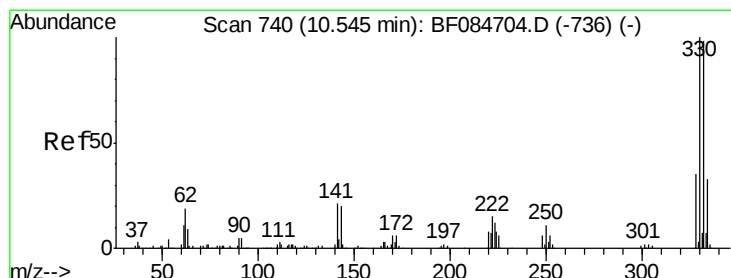
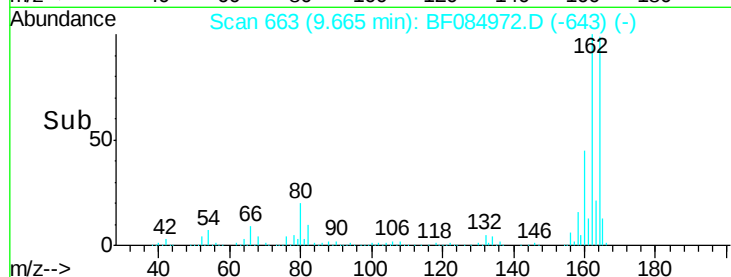
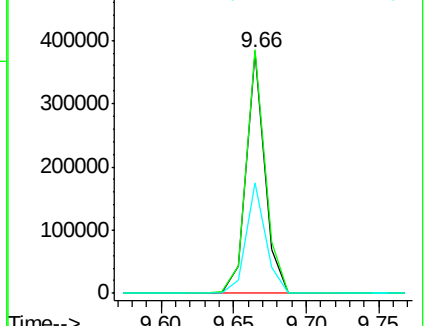
160 45.8 37.5 56.3



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: 81.37 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.07 min

Lab File: BF084972.D

Acq: 10 Feb 2016 00:35

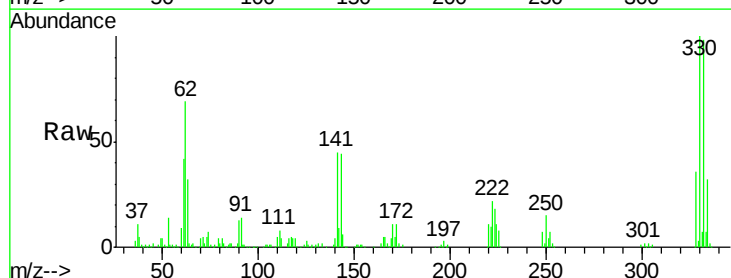
Tgt Ion:330 Resp: 289146

Ion Ratio Lower Upper

330 100

332 97.4 76.6 114.8

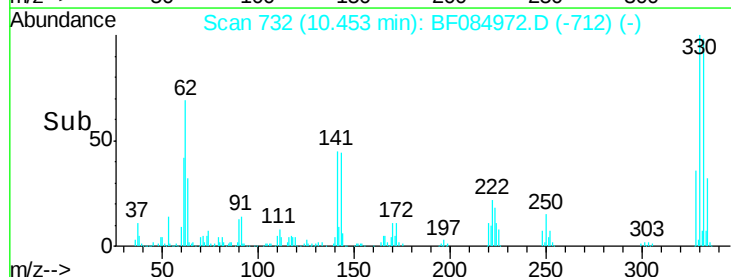
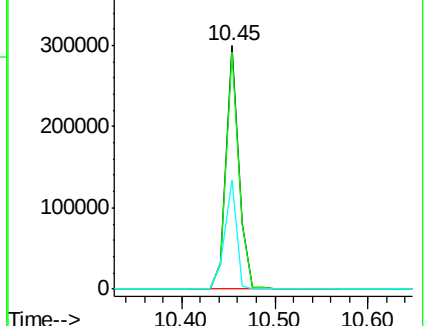
141 41.6 27.8 41.6

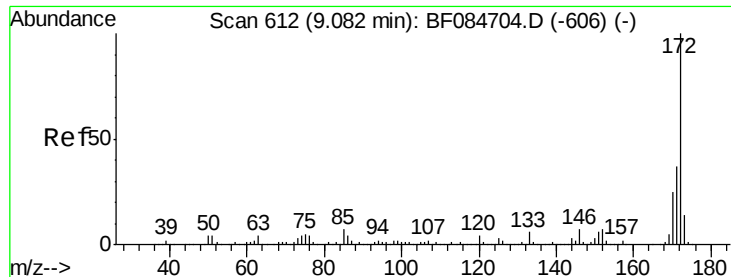


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

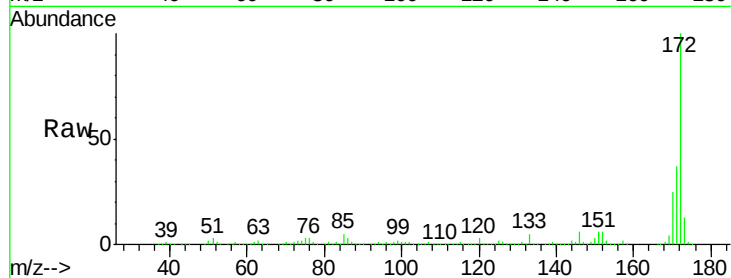




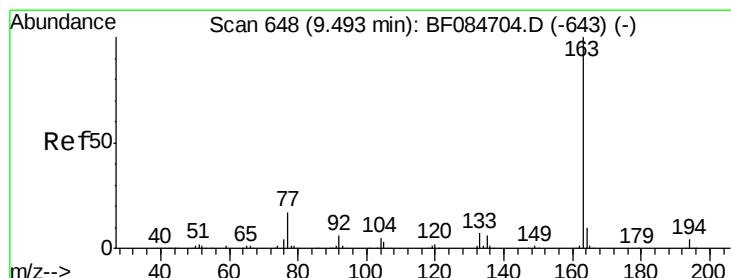
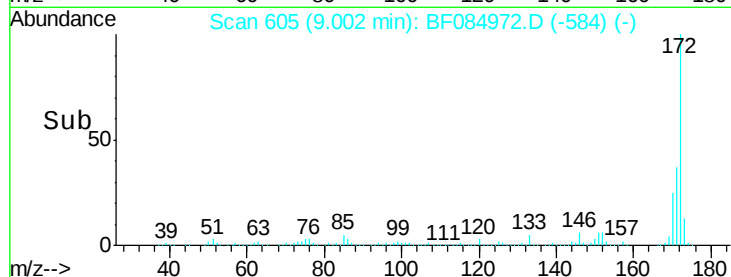
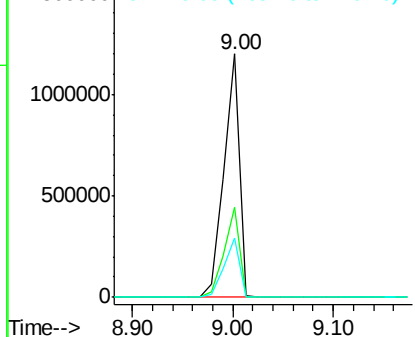
#44
2-Fluorobiphenyl
Concen: 56.74 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084972.D
Acq: 10 Feb 2016 00:35

Instrument :
BNA_F
ClientSampleId :
SB05-0-0.5

Tgt Ion:172 Resp: 1280226
Ion Ratio Lower Upper
172 100
171 36.7 28.9 43.3
170 24.6 18.6 27.8

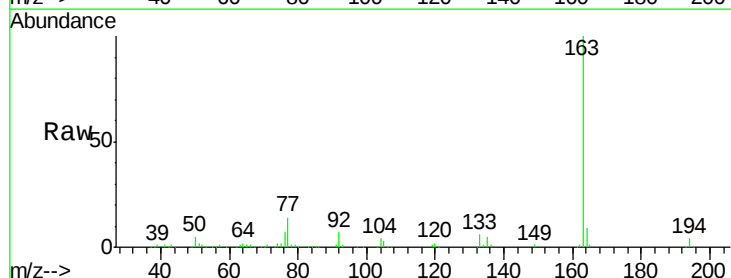


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

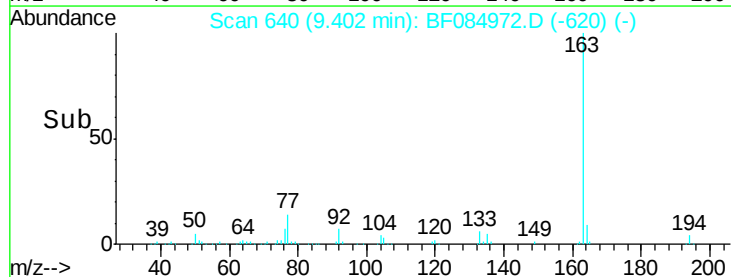
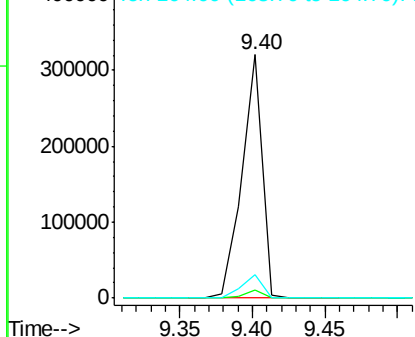


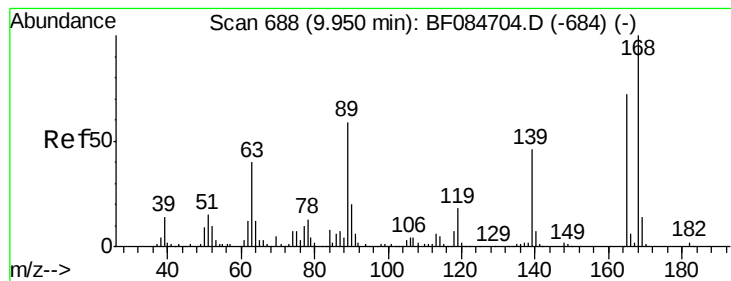
#49
Dimethylphthalate
Concen: 11.95 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084972.D
Acq: 10 Feb 2016 00:35

Tgt Ion:163 Resp: 310001
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 9.5 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

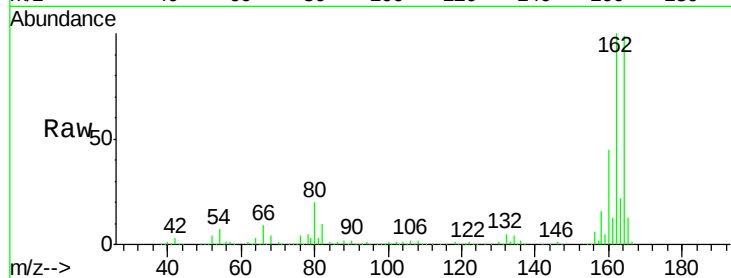




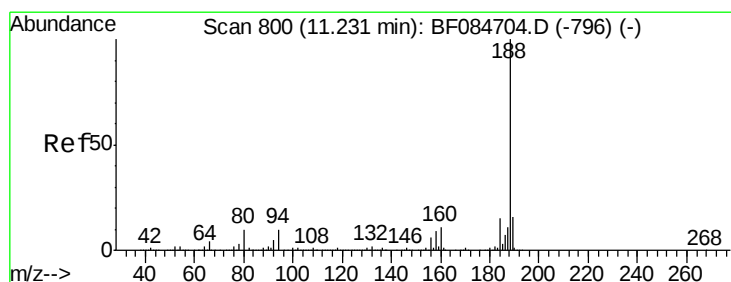
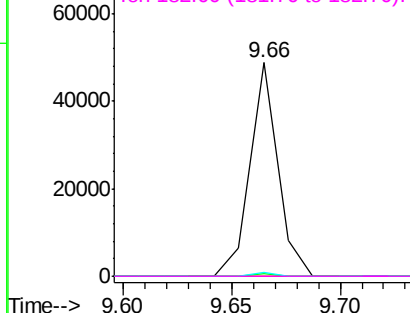
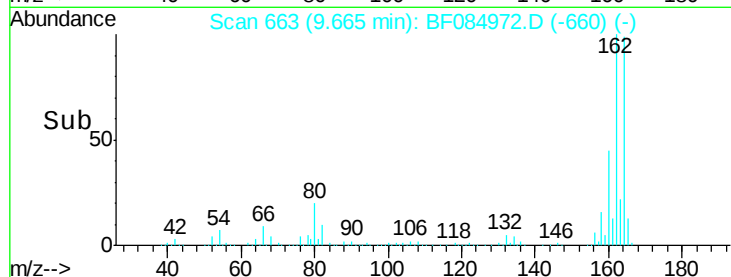
#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.26 min
Lab File: BF084972.D
Acq: 10 Feb 2016 00:35

Instrument :
BNA_F
ClientSampleId :
SB05-0-0.5

Tgt Ion:165 Resp: 43474
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.8 61.9 92.9#
182 0.0 2.0 3.0#

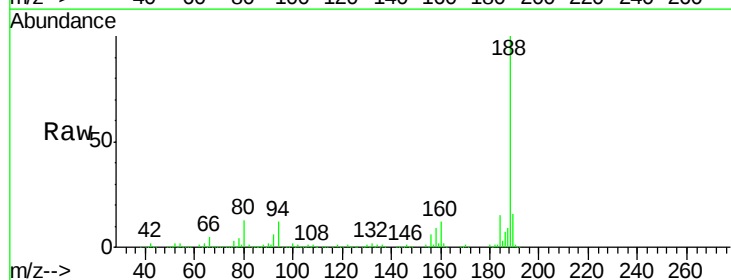


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

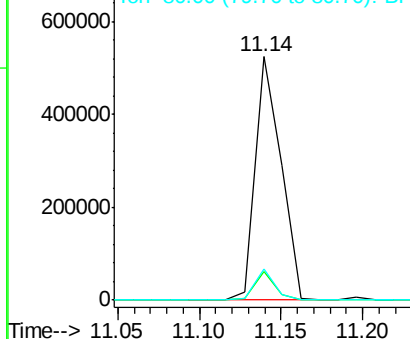
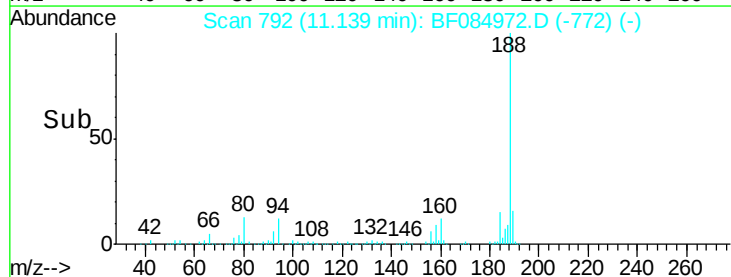


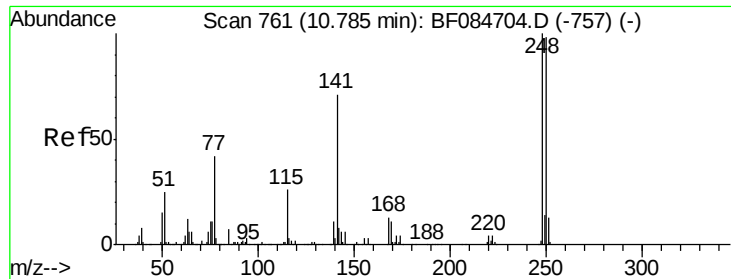
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.07 min
Lab File: BF084972.D
Acq: 10 Feb 2016 00:35

Tgt Ion:188 Resp: 575008
Ion Ratio Lower Upper
188 100
94 11.5 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

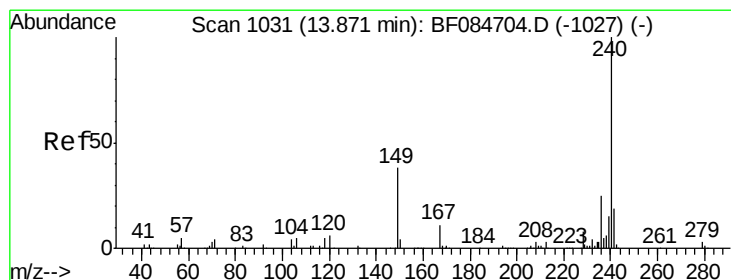
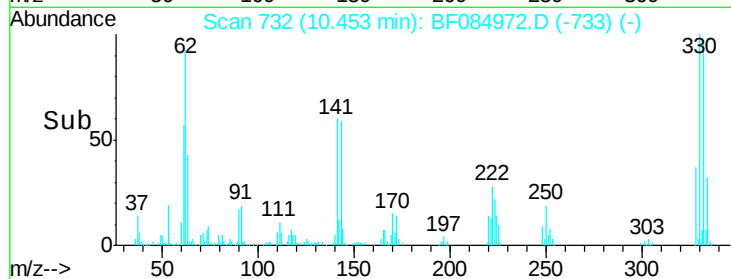
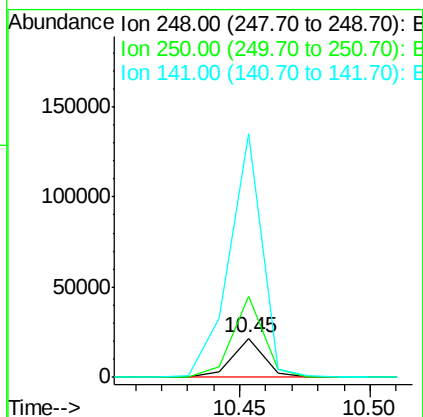
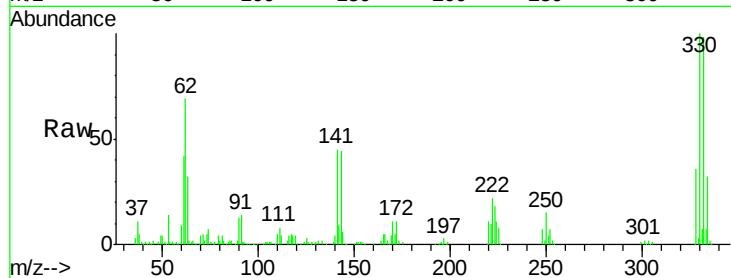




#66
 4-Bromophenyl-phenylether
 Concen: 2.93 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.31 min
 Lab File: BF084972.D
 Acq: 10 Feb 2016 00:35

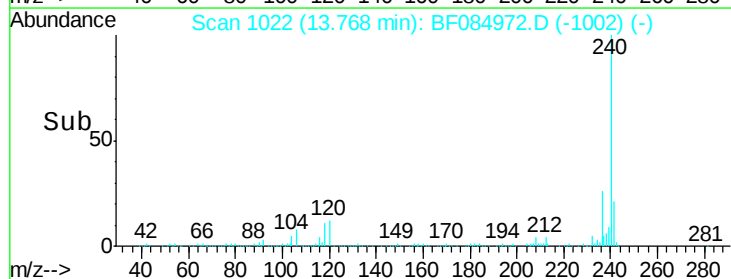
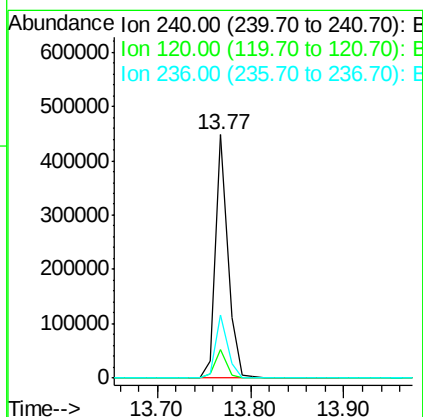
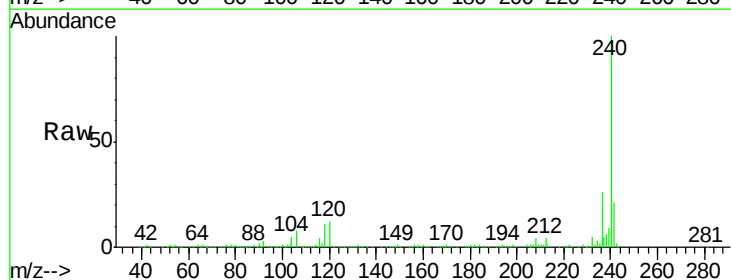
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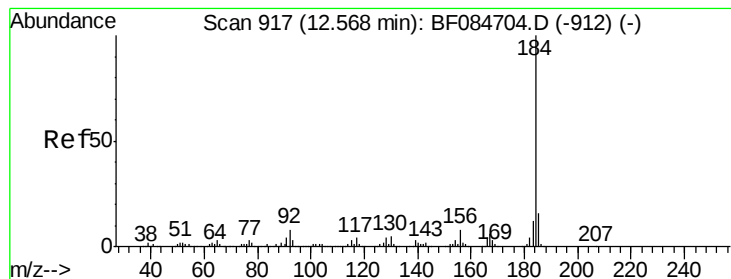
Tgt Ion: 248 Resp: 18601
 Ion Ratio Lower Upper
 248 100
 250 206.8 78.4 117.6#
 141 620.3 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.07 min
 Lab File: BF084972.D
 Acq: 10 Feb 2016 00:35

Tgt Ion: 240 Resp: 413636
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.5 14.3
 236 25.8 20.6 31.0





#76

Benzidine

Concen: 7.47 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.18 min

Lab File: BF084972.D

Acq: 10 Feb 2016 00:35

Instrument :

BNA_F

ClientSampleId :

SB05-0-0.5

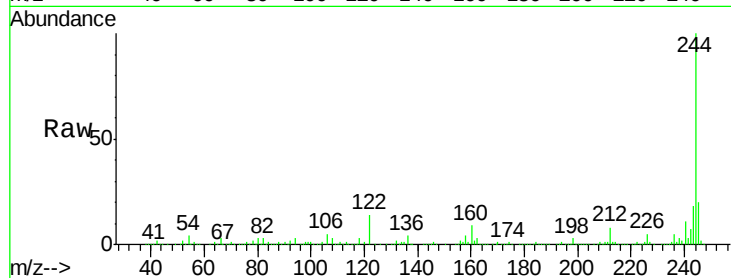
Tgt Ion:184 Resp: 12763

Ion Ratio Lower Upper

184 100

185 19.3 12.2 18.2#

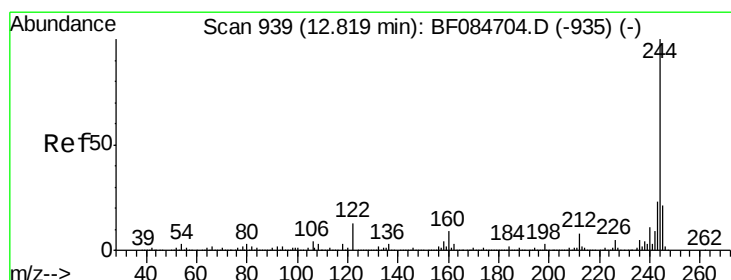
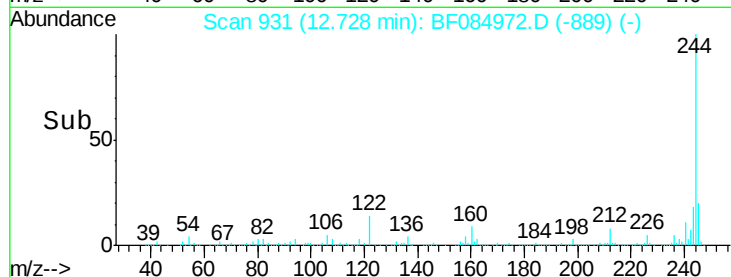
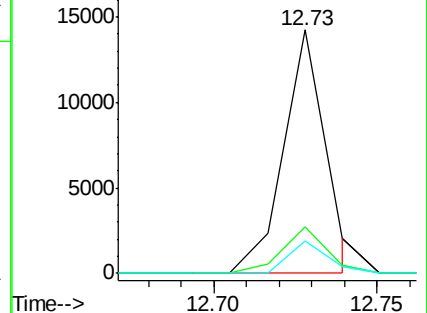
183 13.5 9.8 14.8



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: 51.33 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084972.D

Acq: 10 Feb 2016 00:35

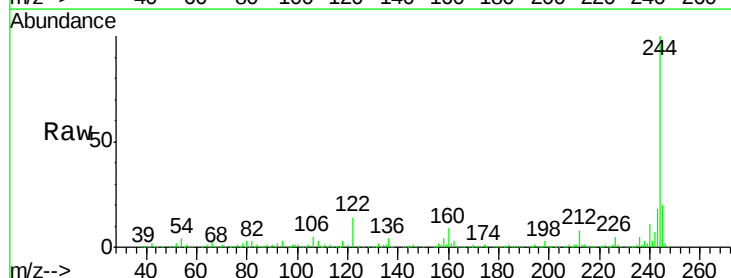
Tgt Ion:244 Resp: 937039

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

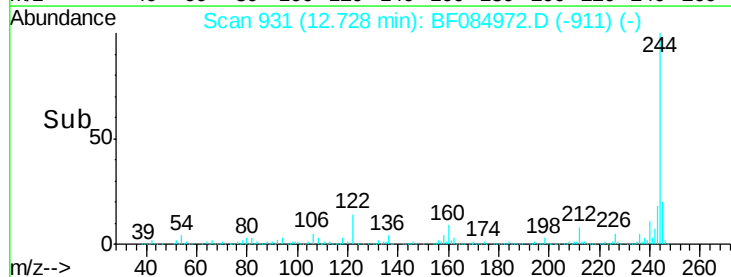
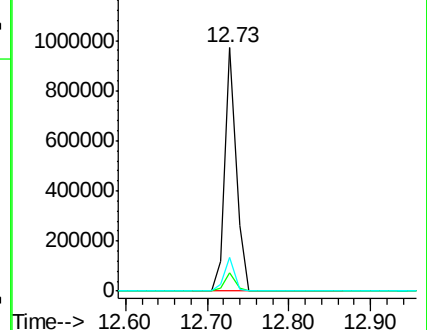
122 14.0 7.4 11.0#

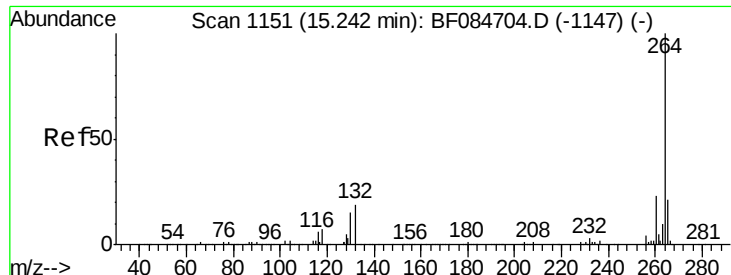


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

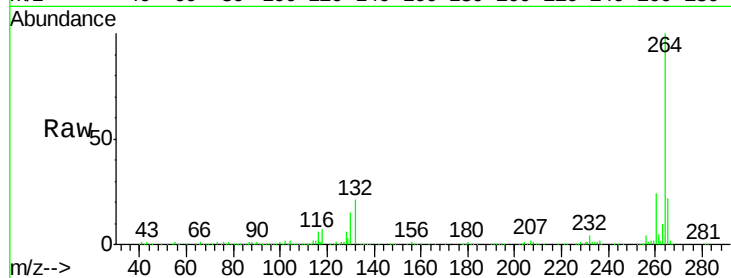




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084972.D
Acq: 10 Feb 2016 00:35

Instrument :
BNA_F
ClientSampleId :
SB05-0-0.5

Tgt Ion:264 Resp: 322734
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.4 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

