

Data Path : Z:\HPCHEM1\BNA F\Data\BF071615\
 Data File : BF080532.D
 Acq On : 17 Jul 2015 2:53
 Operator : TP/UM
 Sample : G2994-28
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Quant Time: Jul 17 08:20:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 17:11:01 2015
 Response via : Initial Calibration

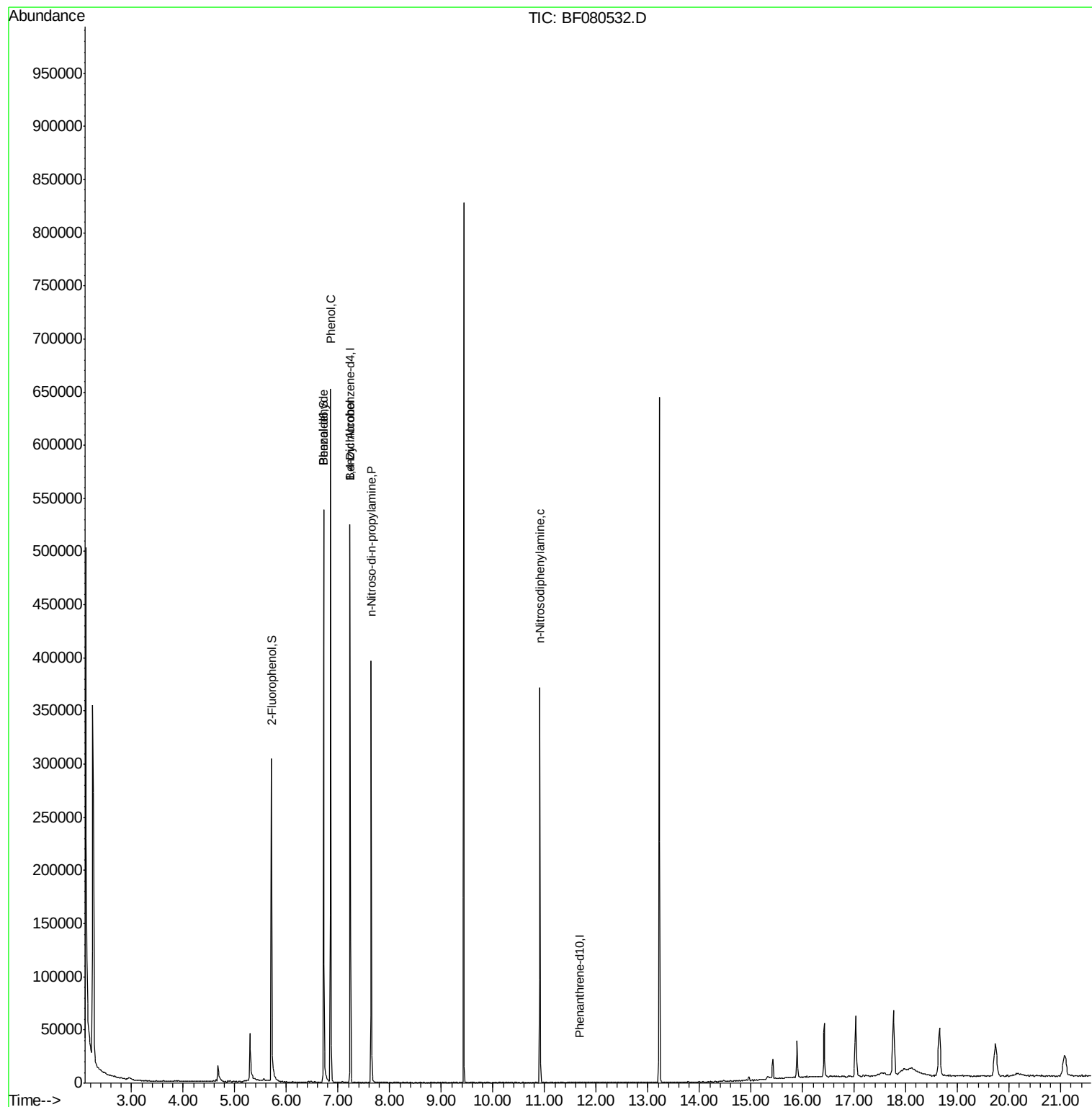
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	74715	20.00	ng	0.16
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.36
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.12
63) Phenanthrene-d10	11.68	188	488	20.00	ng	0.07
75) Chrysene-d12	0.00	240	0	0.00	ng	-14.43
86) Perylene-d12	0.00	264	0	0.00	ng	-16.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	132838	30.31	ng	0.01
7) Phenol-d6	6.72	99	172843	29.04	ng	0.00
23) Nitrobenzene-d5	7.64	82	115167	0.00	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	37873	0.00	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	245527	0.00	ng	0.00
78) Terphenyl-d14	13.22	244	214924	0.00	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.72	77	232	0.06	ng	# 1
10) Phenol	6.85	94	326	0.05	ng	# 1
15) Benzyl Alcohol	7.23	79	2247	0.54	ng	# 26
19) n-Nitroso-di-n-propylamine	7.64	70	14992	4.15	ng	# 61
65) n-Nitrosodiphenylamine	10.91	169	1558	93.87	ng	# 45

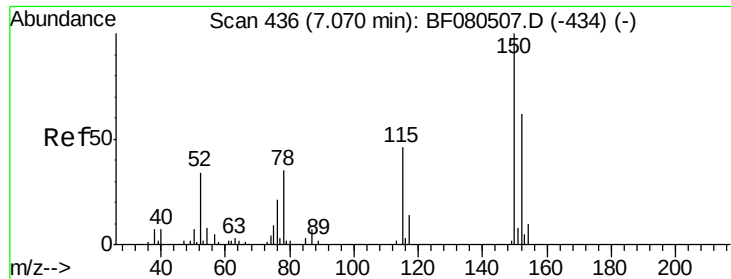
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.16 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

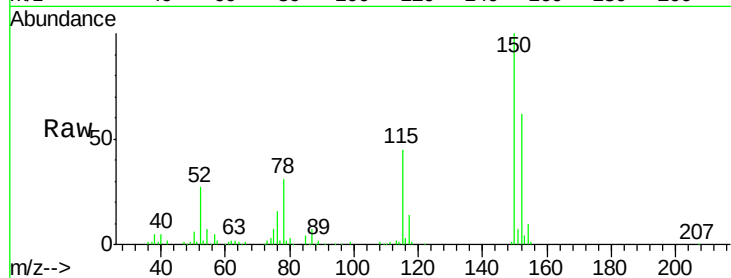
Tot Ion:152 Resp: 74715

Ion Ratio Lower Upper

152 100

150 161.2 124.7 187.1

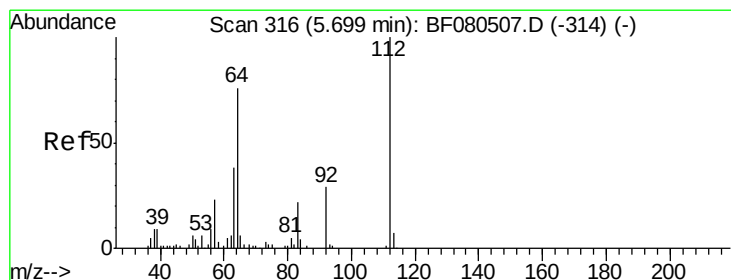
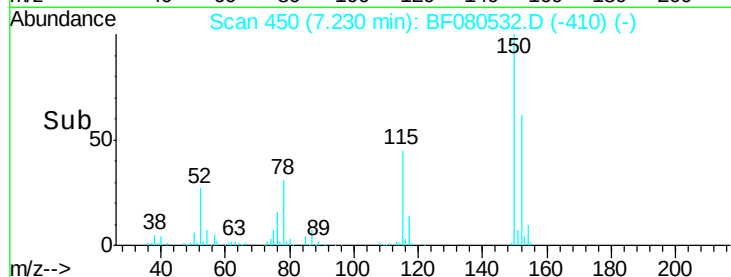
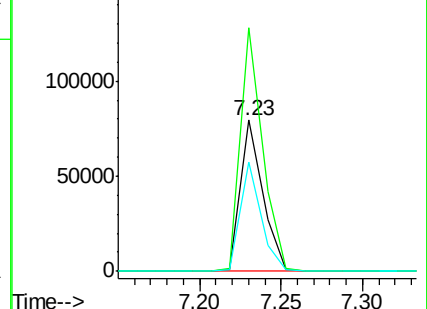
115 72.5 39.0 58.4#



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: 30.31 ng

RT: 5.71 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

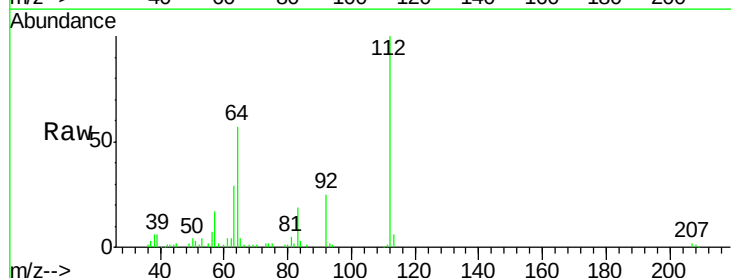
Tgt Ion:112 Resp: 132838

Ion Ratio Lower Upper

112 100

64 57.3 39.7 59.5

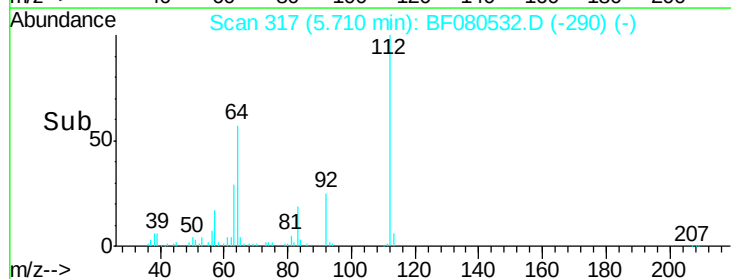
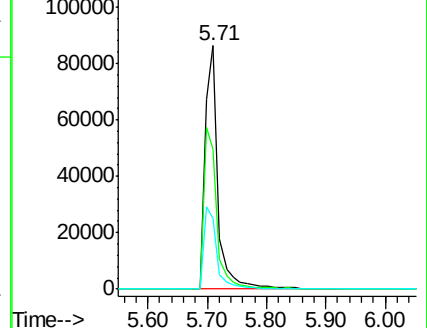
63 29.0 17.4 26.0#

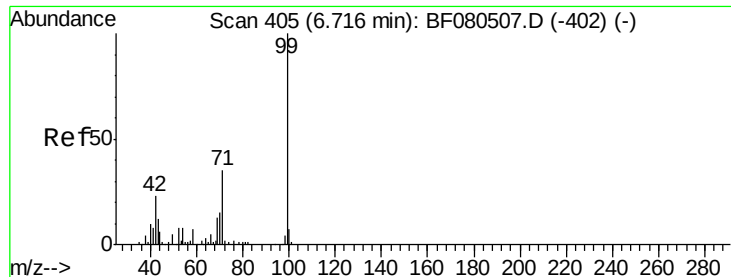


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.04 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

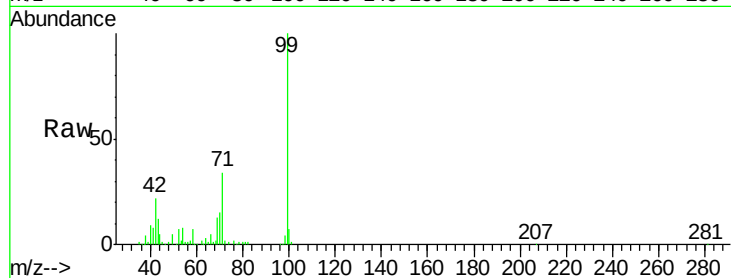
Tot Ion: 99 Resp: 172843

Ion Ratio Lower Upper

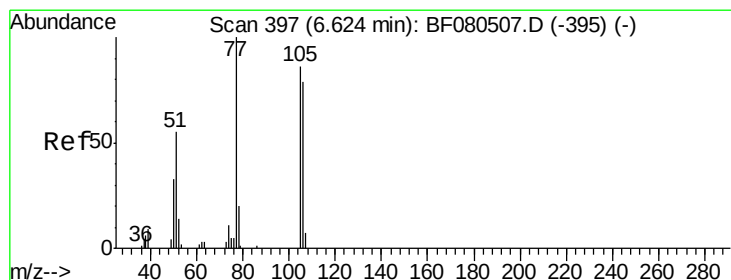
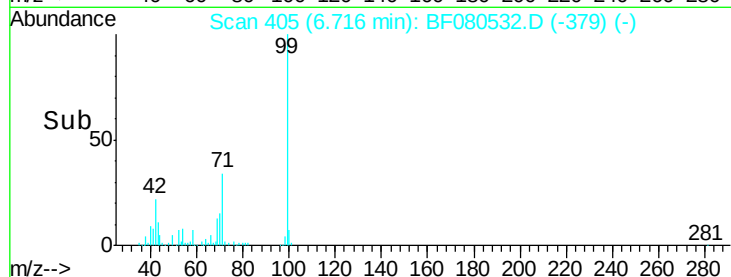
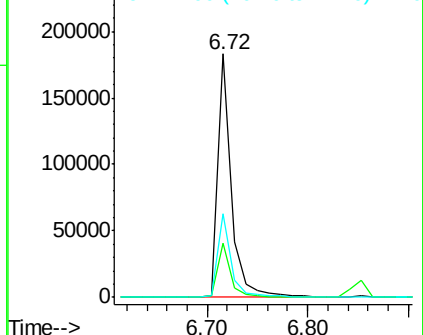
99 100

42 22.3 13.7 20.5#

71 34.5 14.2 21.2#



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



#9

Benzaldehyde

Concen: 0.06 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.09 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

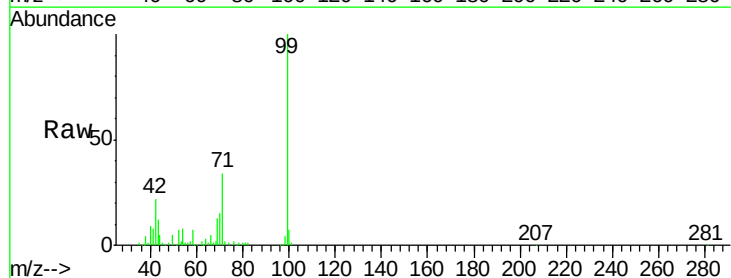
Tgt Ion: 77 Resp: 232

Ion Ratio Lower Upper

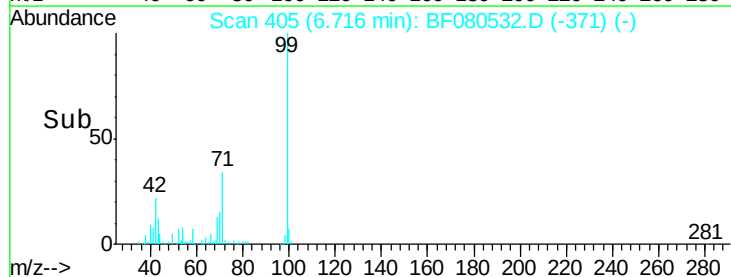
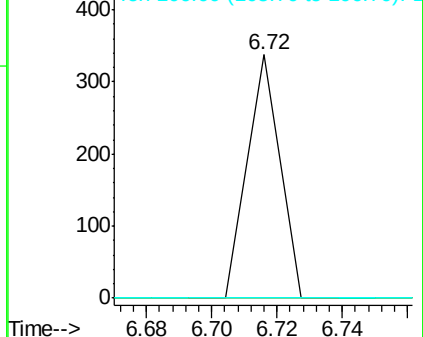
77 100

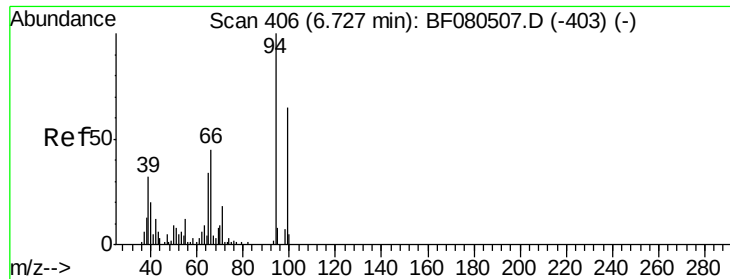
105 0.0 91.6 131.6#

106 0.0 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.05 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.13 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

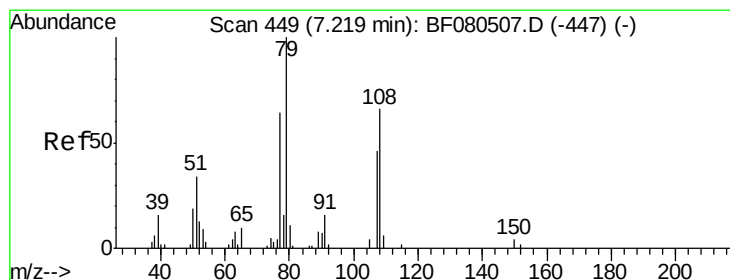
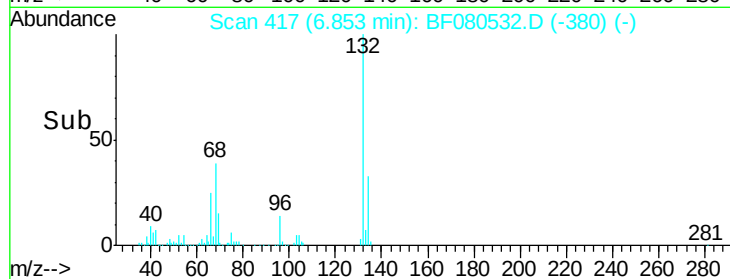
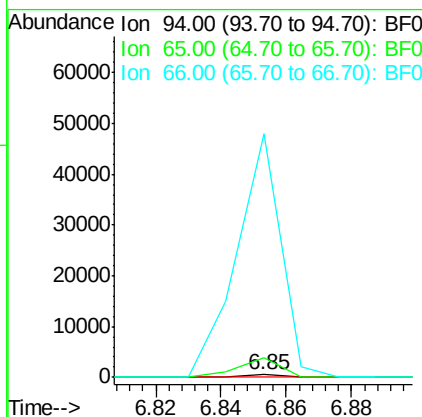
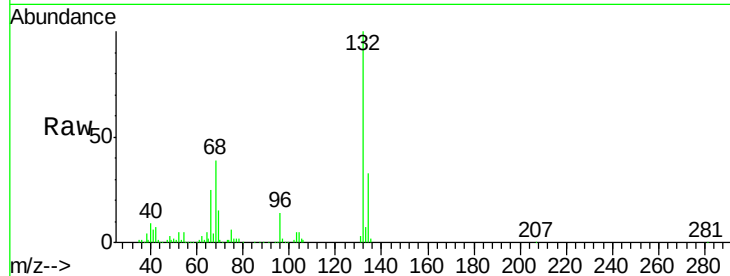
Tot Ion: 94 Resp: 326

Ion Ratio Lower Upper

94 100

65 831.9 0.7 40.7#

66 10072.3 0.8 40.8#



#15

Benzyl Alcohol

Concen: 0.54 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

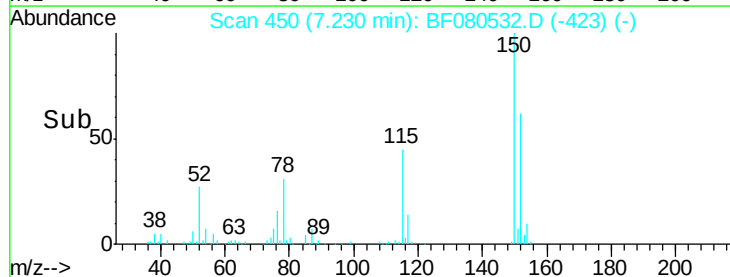
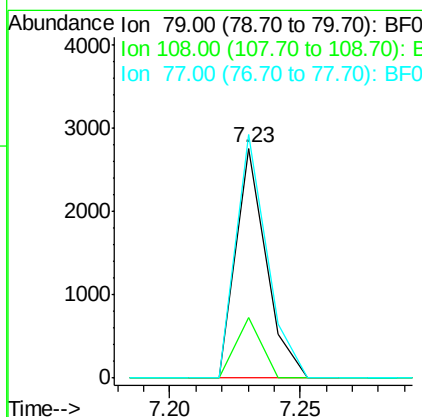
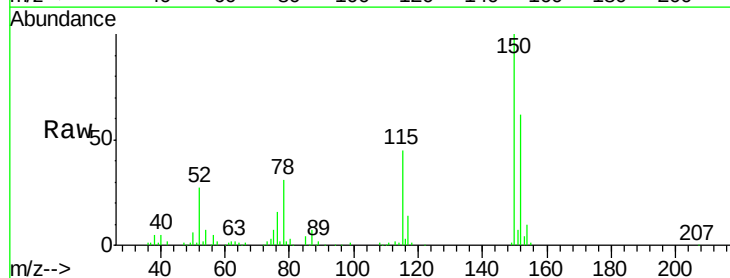
Tgt Ion: 79 Resp: 2247

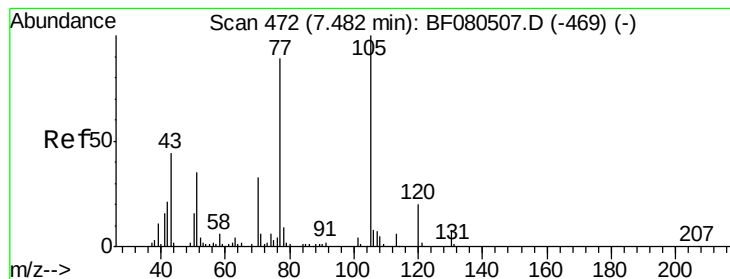
Ion Ratio Lower Upper

79 100

108 26.4 88.6 132.8#

77 106.0 47.0 70.4#





#19

n-Nitroso-di-n-propylamine

Concen: 4.15 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.16 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

Tot Ion: 70 Resp: 14992

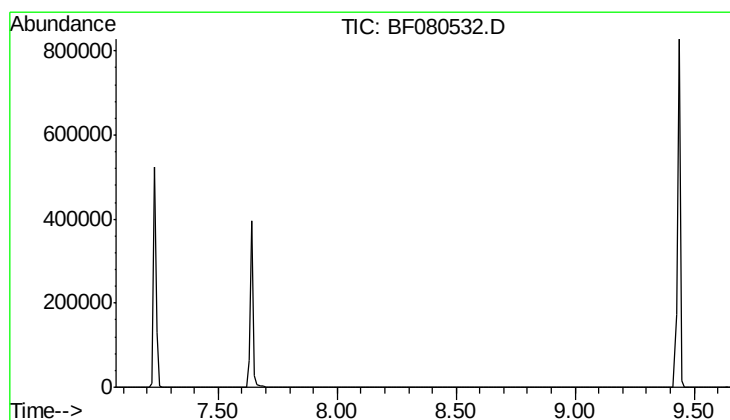
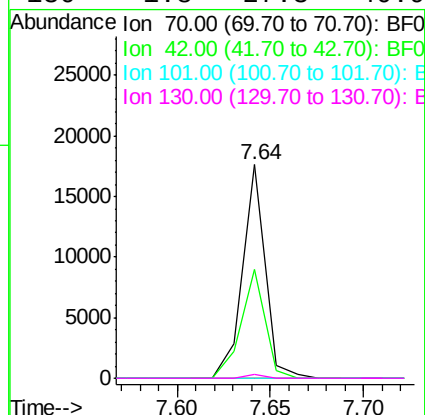
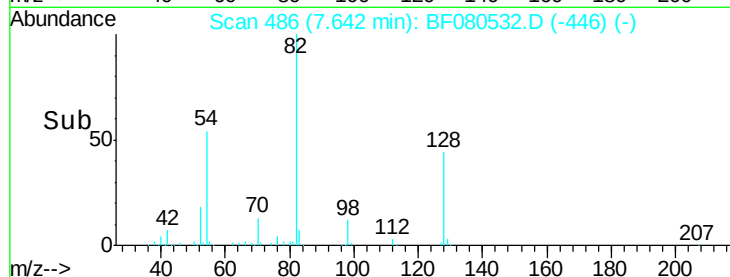
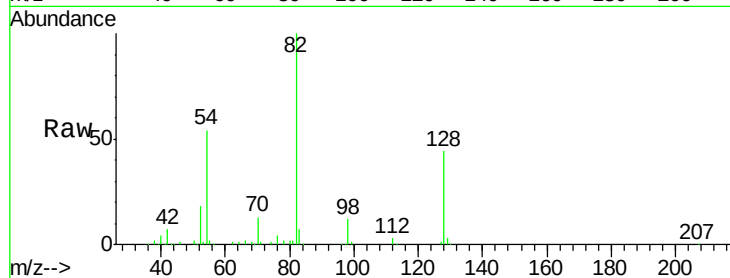
Ion Ratio Lower Upper

70 100

42 51.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#



#21

Naphthalene-d8

Concen: 0.00 ng

Expected RT: 8.36 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

Tgt Ion: 136

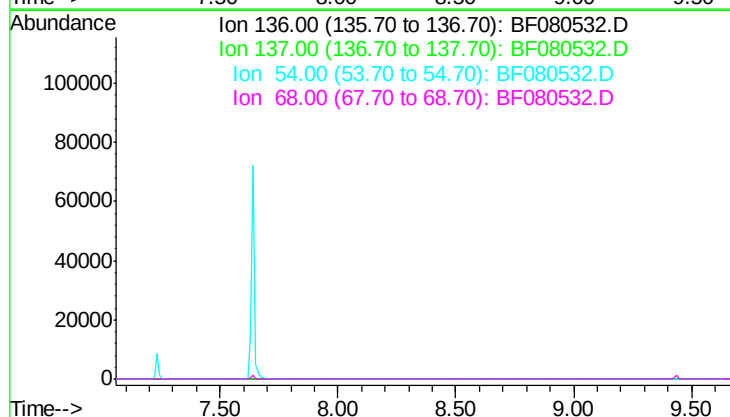
Sig Exp Ratio

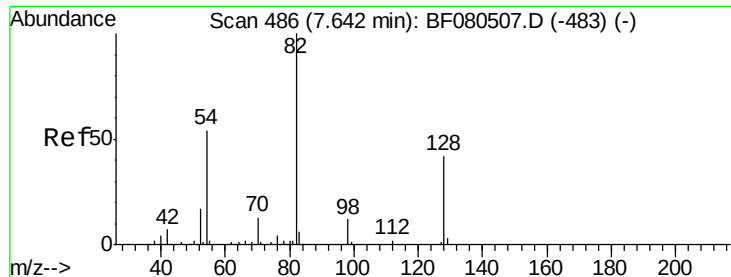
136 100

137 11.3

54 10.2

68 7.2

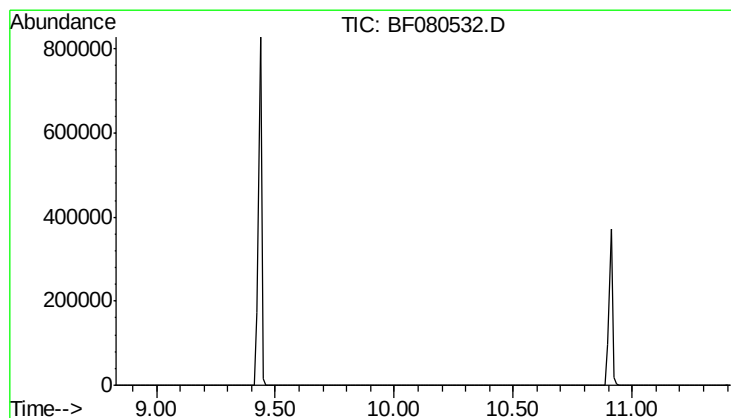
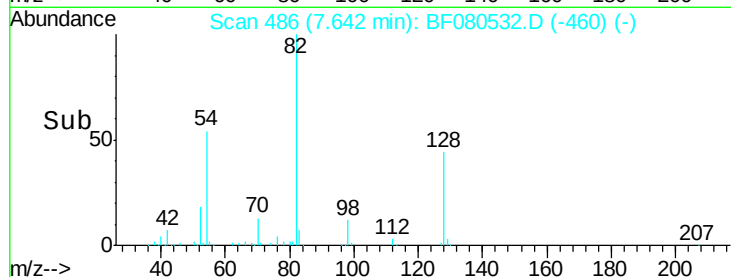
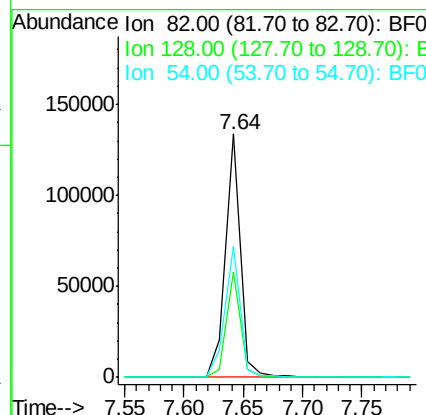
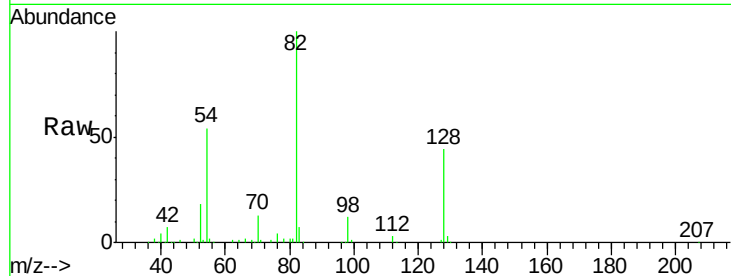




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

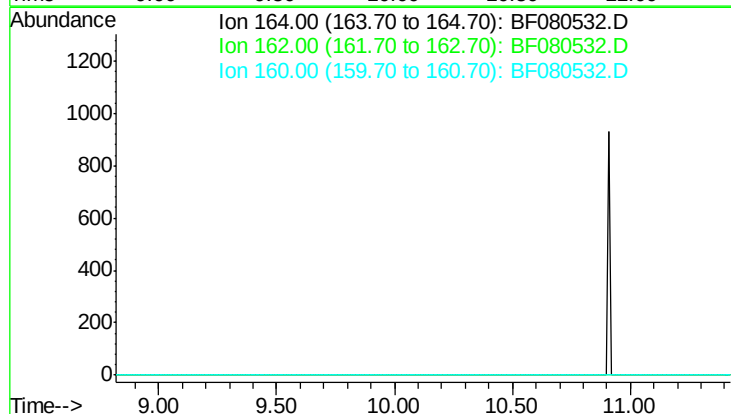
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

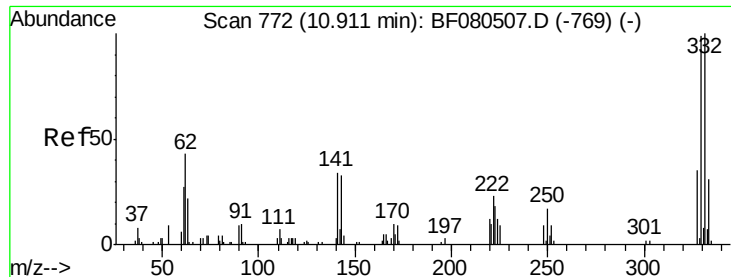
Tot Ion: 82 Resp: 115167
 Ion Ratio Lower Upper
 82 100
 128 43.5 51.0 76.6#
 54 54.0 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.12 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 94.0
 160 39.4

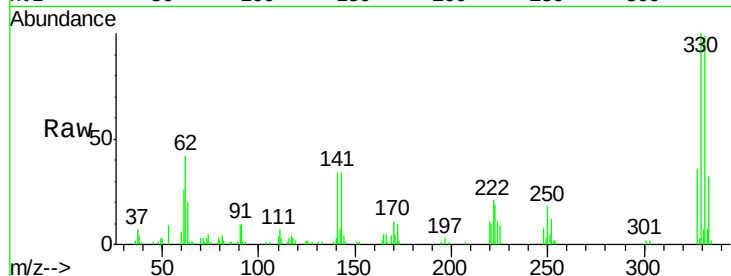




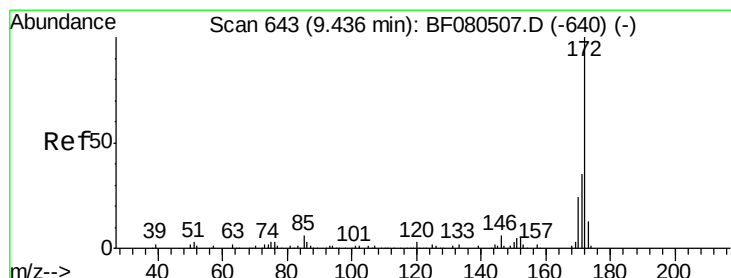
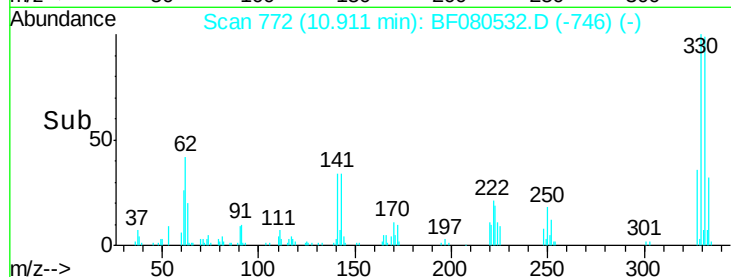
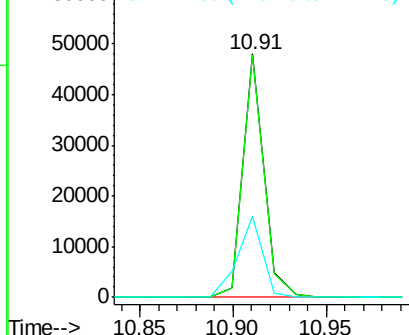
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.6	114.8
141	39.7	29.7	44.5

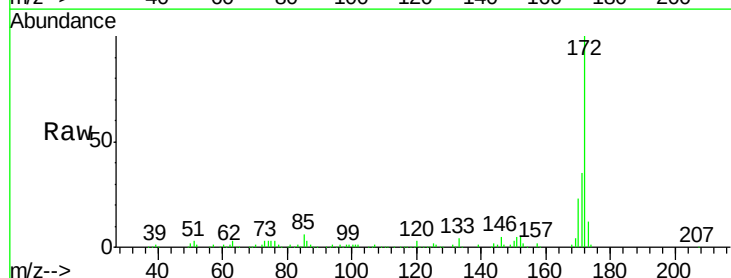


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

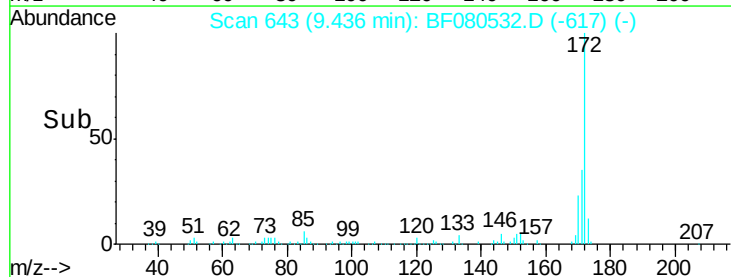
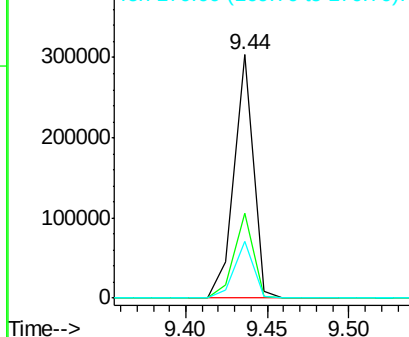


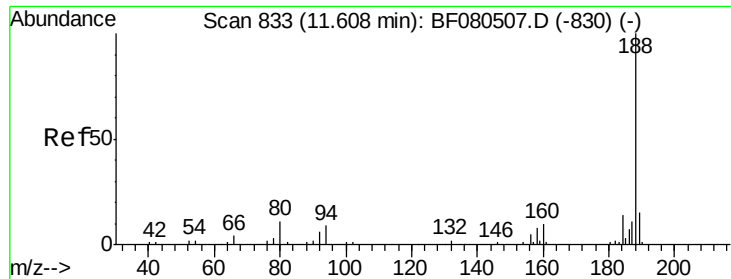
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.3	17.4	26.2



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

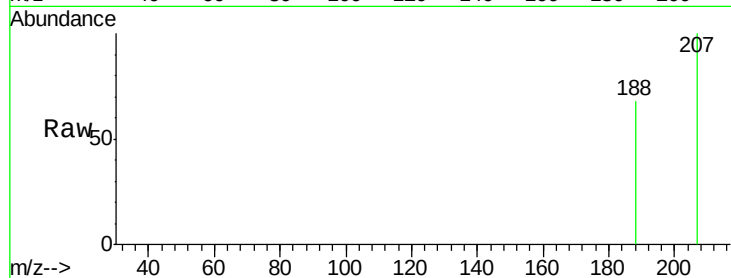




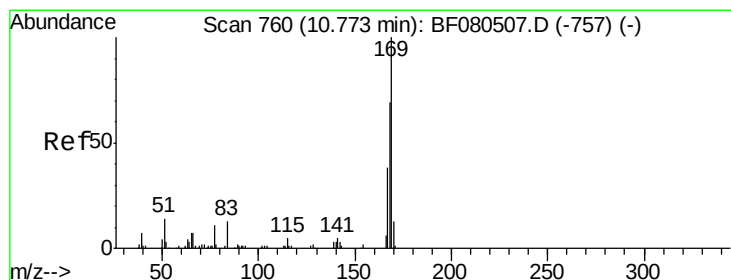
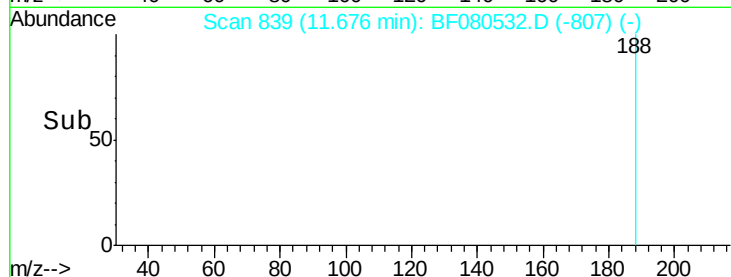
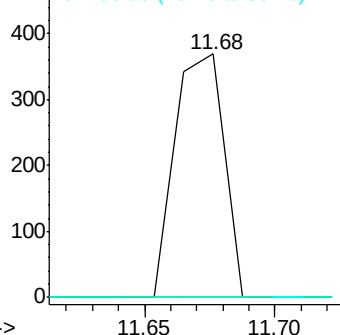
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.68 min Scan# 839
Delta R.T. 0.07 min
Lab File: BF080532.D
Acq: 17 Jul 2015 2:53

Instrument :
BNA_F
ClientSampleId :
TEC-COMP

Tot Ion:188 Resp: 488
Ion Ratio Lower Upper
188 100
94 0.0 11.1 16.7#
80 0.0 11.0 16.4#

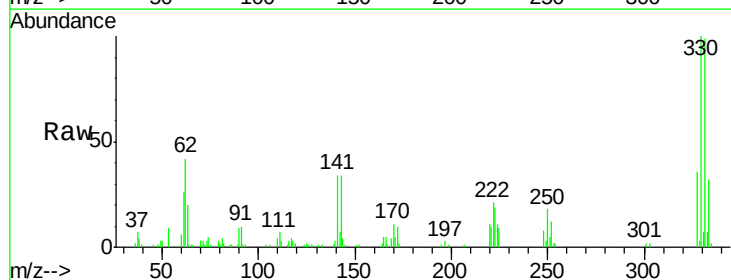


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

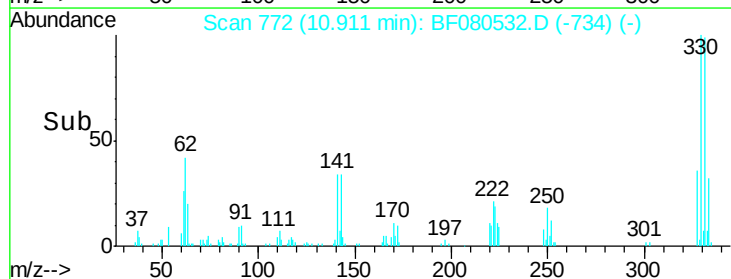
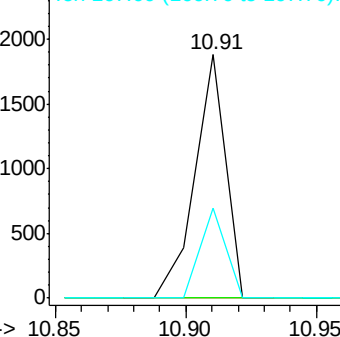


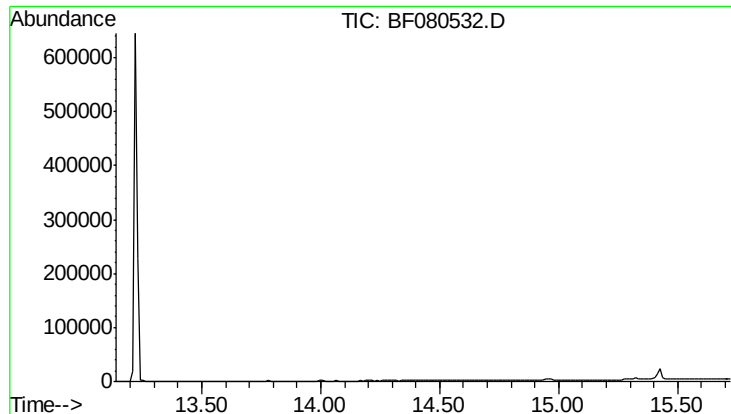
#65
n-Nitrosodiphenylamine
Concen: 93.87 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.14 min
Lab File: BF080532.D
Acq: 17 Jul 2015 2:53

Tgt Ion:169 Resp: 1558
Ion Ratio Lower Upper
169 100
168 0.0 48.9 73.3#
167 36.9 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

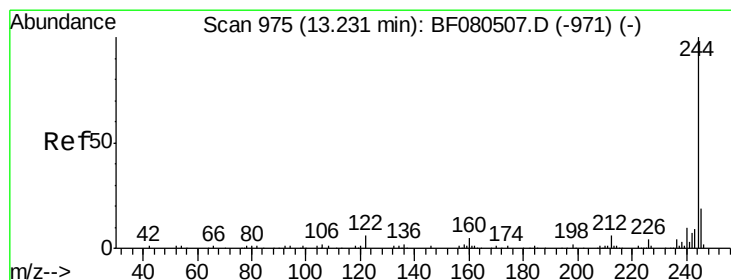
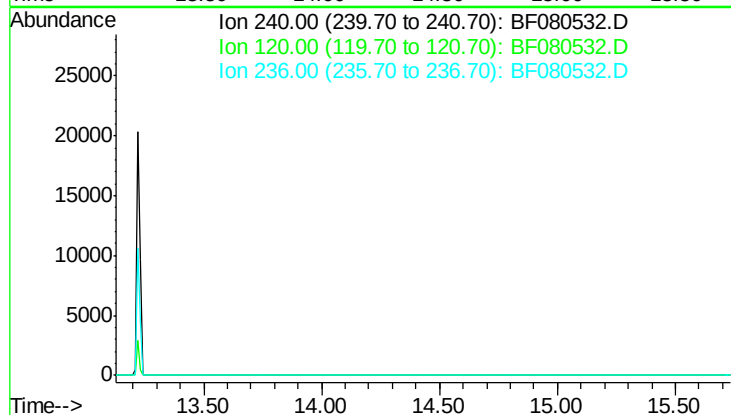




#75
 Chrvsene-d12
 Concen: 0.00 ng
 Expected RT: 14.43 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

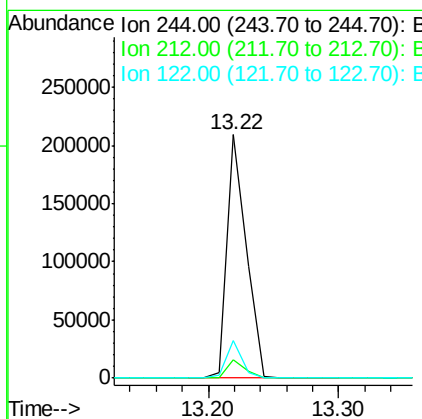
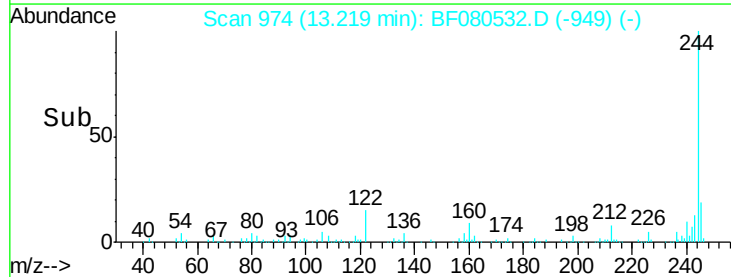
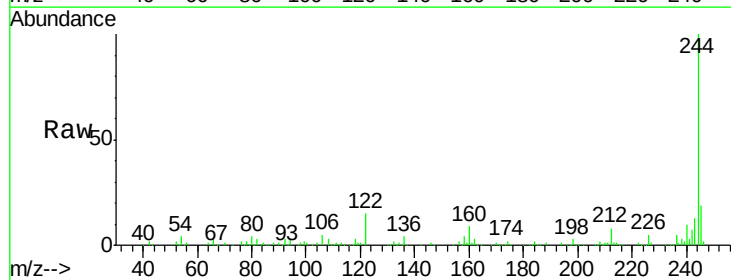
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

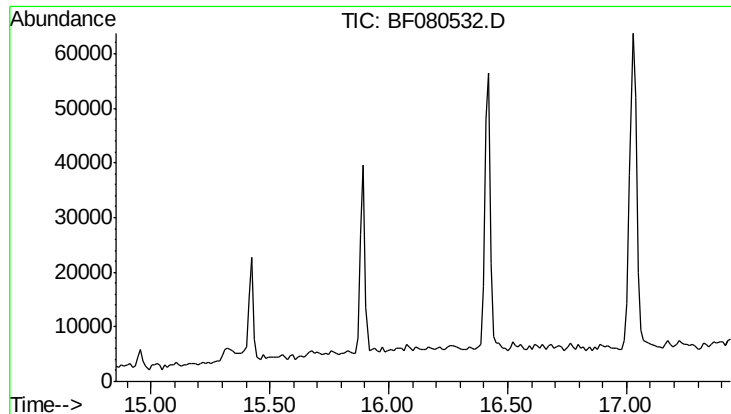
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 20.2
 236 23.0



#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 13.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

Tgt Ion: 244 Resp: 214924
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 15.3 17.4 26.2#





#86
 Pervlene-d12
 Concen: 0.00 ng
 Expected RT: 16.15 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tot Ion: 264
 Sig Exp Ratio
 264 100
 260 20.9
 265 21.5

