

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092752.D
 Acq On : 2 Feb 2017 23:05
 Operator : SJ/MA
 Sample : I1650-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-COMP

Quant Time: Feb 02 23:59:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

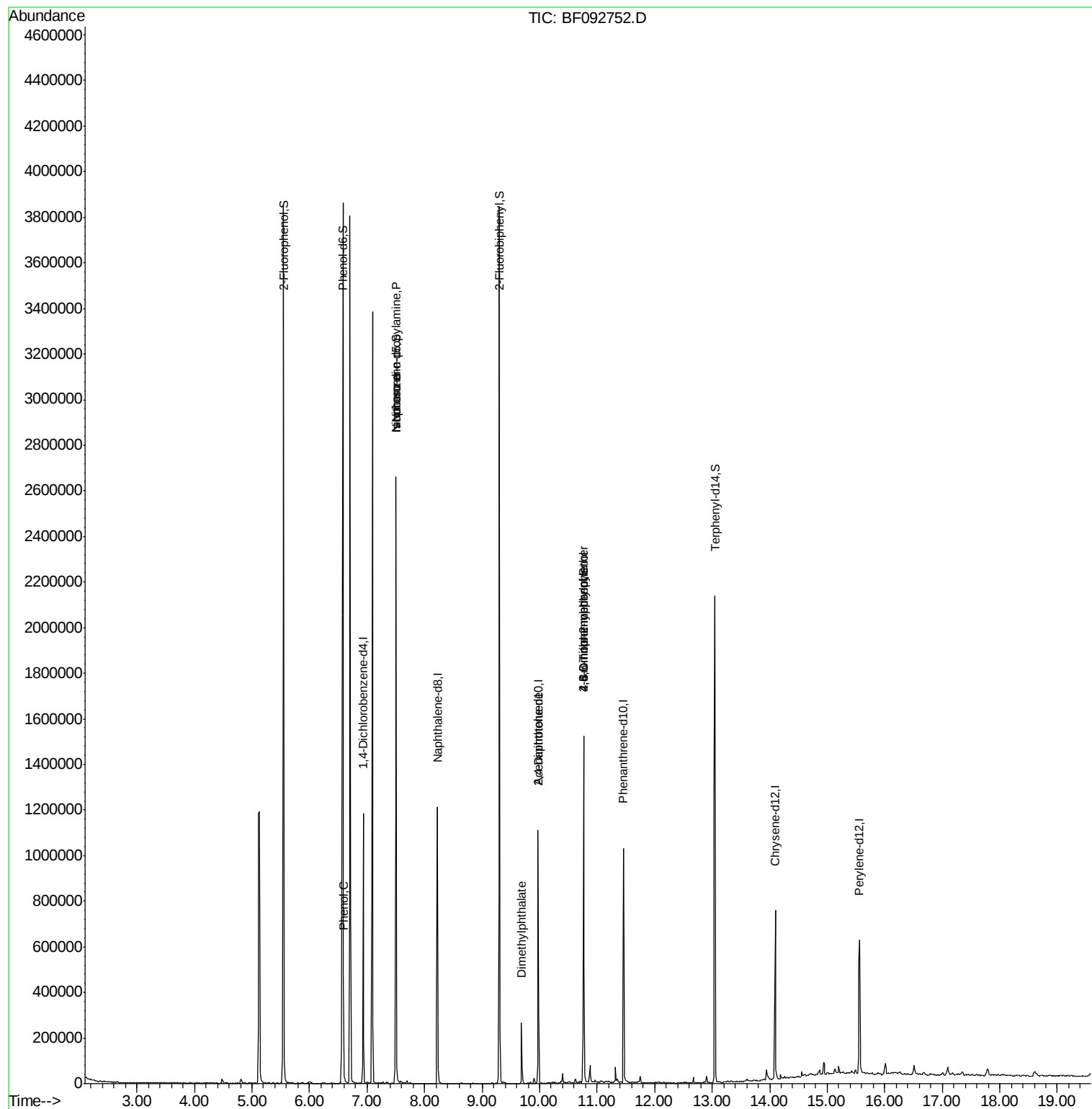
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	154709	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	545314	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	248454	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	362552	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	291336	20.00	ng	-0.05
86) Perylene-d12	15.56	264	301189	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1172719	130.05	ng	-0.02
7) Phenol-d6	6.58	99	1460507	125.88	ng	-0.02
23) Nitrobenzene-d5	7.50	82	940325	96.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.76	330	192664	107.22	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1158434	84.47	ng	-0.03
78) Terphenyl-d14	13.05	244	791548	63.84	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	112197	8.26	ng	# 65
19) n-Nitroso-di-n-propylamine	7.50	70	125136	16.94	ng	# 81
25) Isophorone	7.50	82	927254	50.82	ng	# 65
49) Dimethylphthalate	9.69	163	113247	6.77	ng	# 97
56) 2,4-Dinitrotoluene	9.97	165	30771	6.40	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.76	198	284	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	13531	3.57	ng	# 1

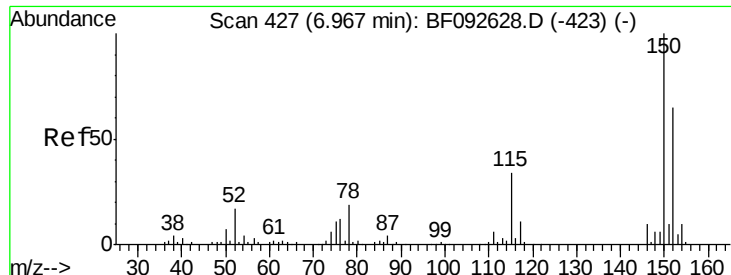
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP

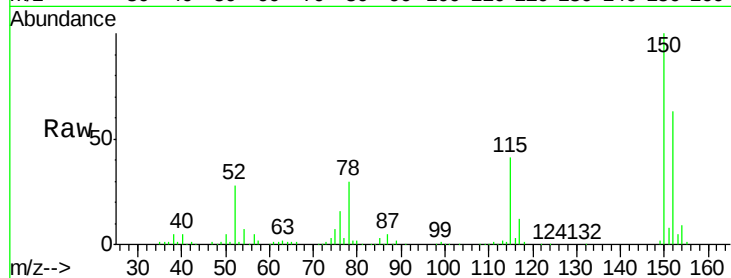
Tgt Ion:152 Resp: 154709

Ion Ratio Lower Upper

152 100

150 159.8 124.9 187.3

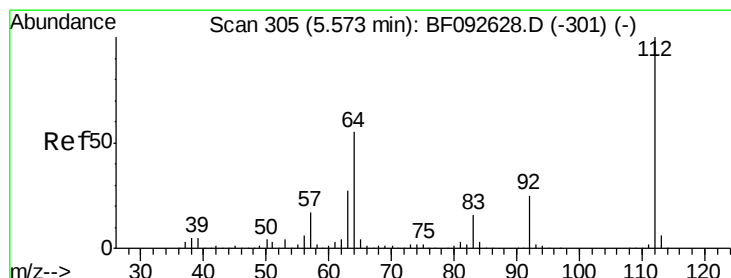
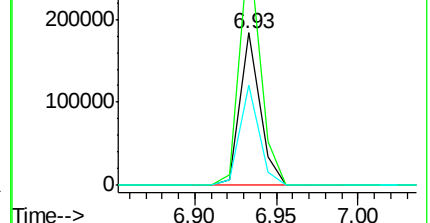
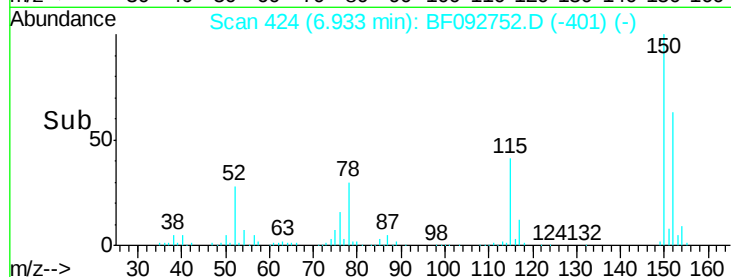
115 66.0 46.0 69.0



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: 130.05 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

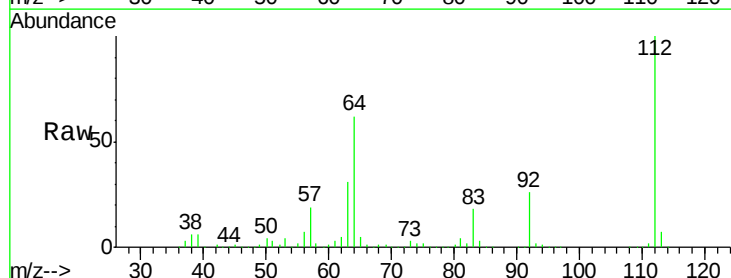
Tgt Ion:112 Resp: 1172719

Ion Ratio Lower Upper

112 100

64 61.8 46.1 69.1

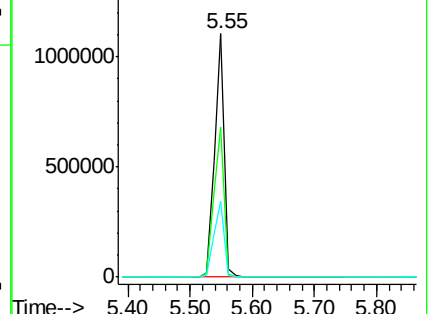
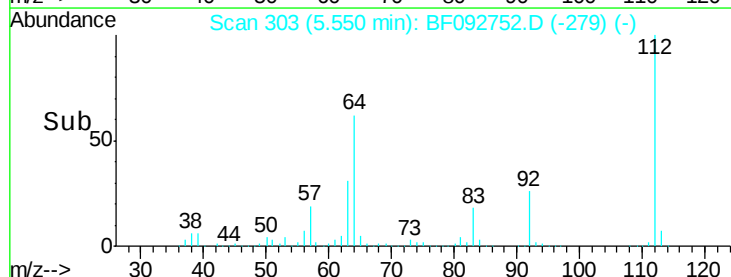
63 31.3 23.8 35.6



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: 125.88 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP

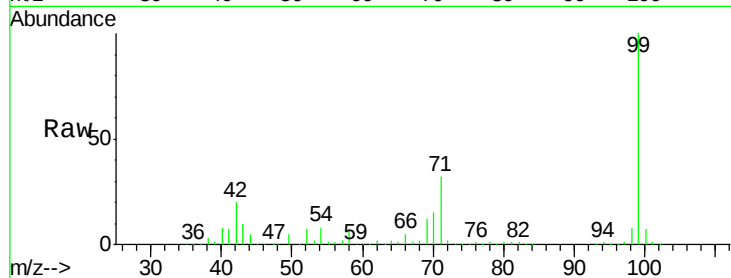
Tgt Ion: 99 Resp: 1460507

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

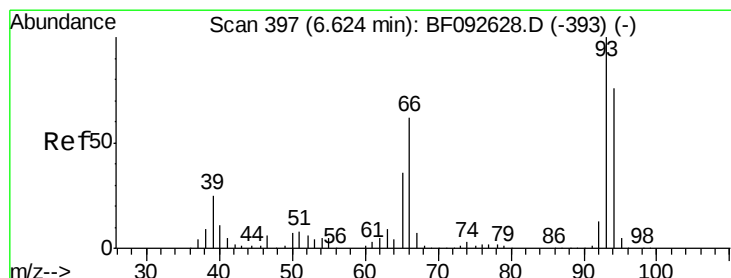
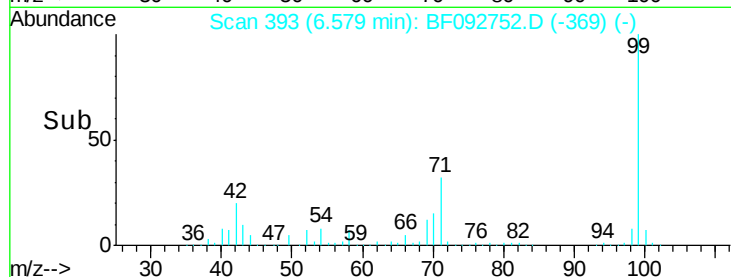
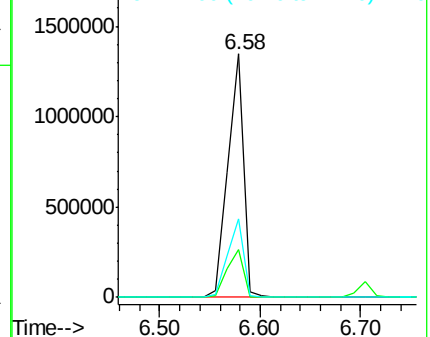
71 32.4 27.5 41.3



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



#10

Phenol

Concen: 8.26 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

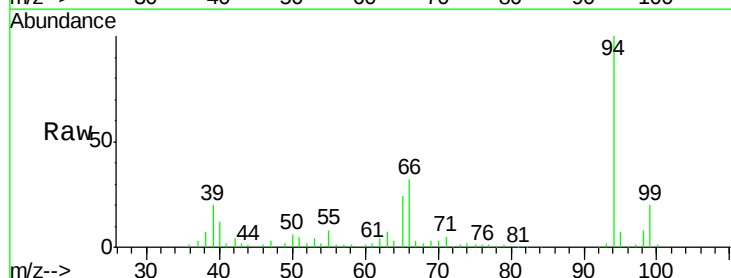
Tgt Ion: 94 Resp: 112197

Ion Ratio Lower Upper

94 100

65 24.4 21.4 61.4

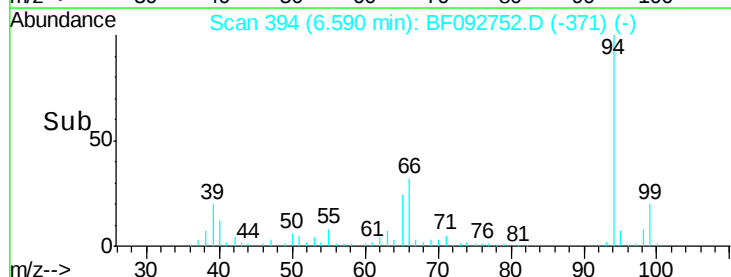
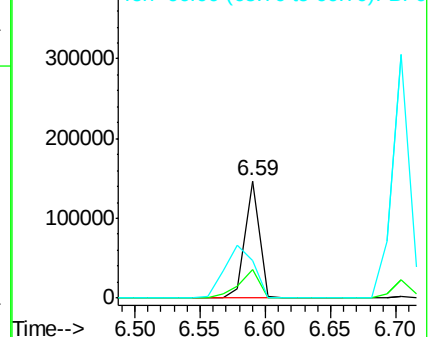
66 32.3 44.0 84.0#

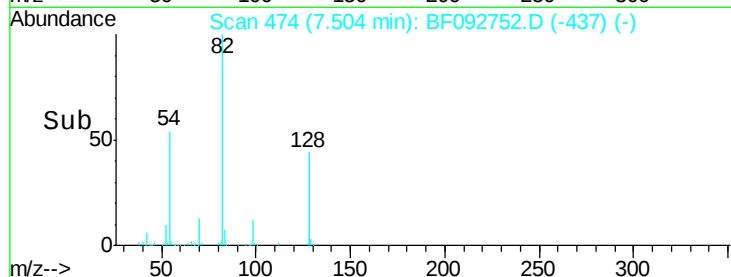
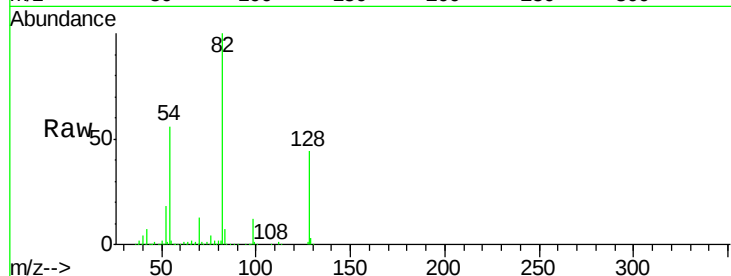
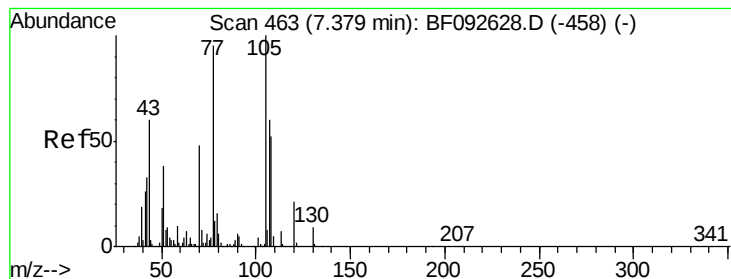


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.94 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.13 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP

Tgt Ion: 70 Resp: 125136

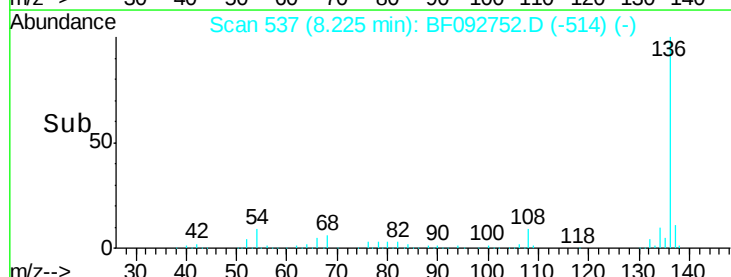
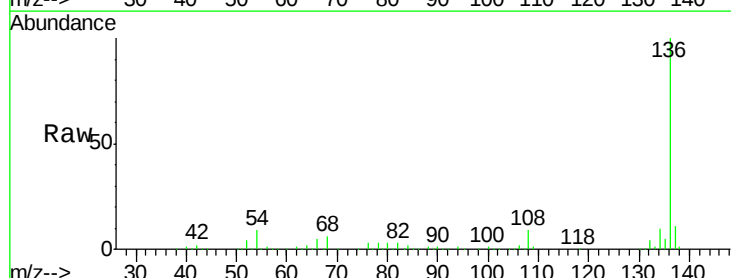
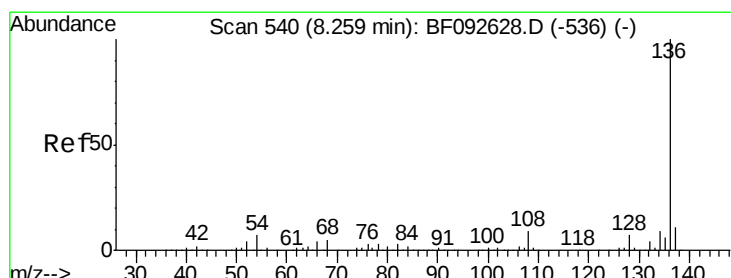
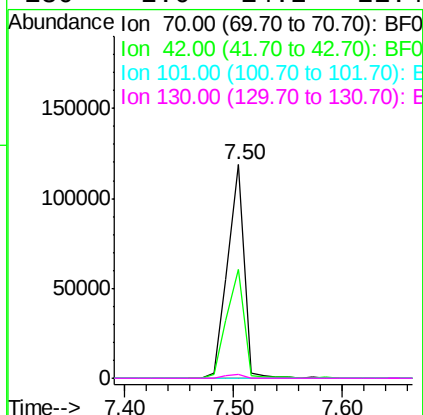
Ion Ratio Lower Upper

70 100

42 51.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Tgt Ion: 136 Resp: 545314

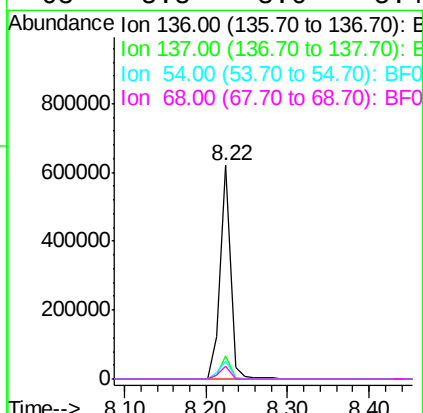
Ion Ratio Lower Upper

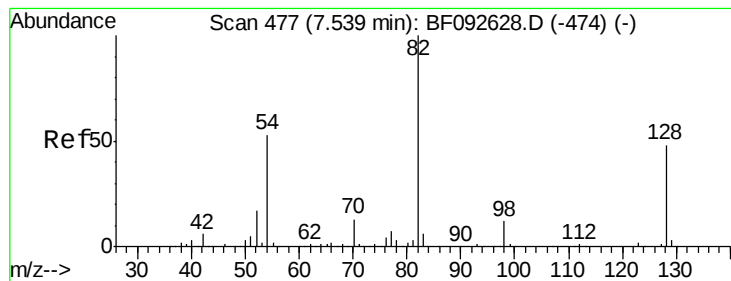
136 100

137 10.7 8.4 12.6

54 8.6 4.5 6.7#

68 5.8 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 96.03 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP

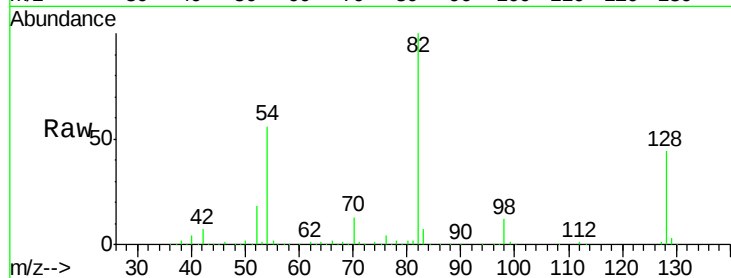
Tgt Ion: 82 Resp: 940325

Ion Ratio Lower Upper

82 100

128 43.8 34.6 52.0

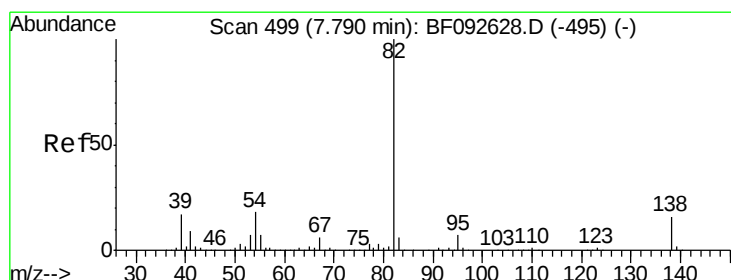
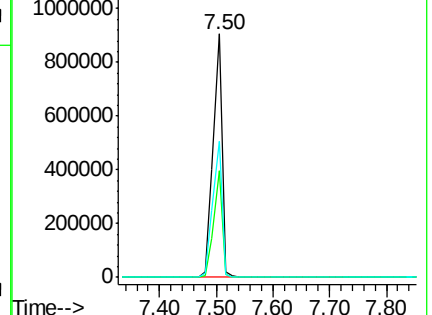
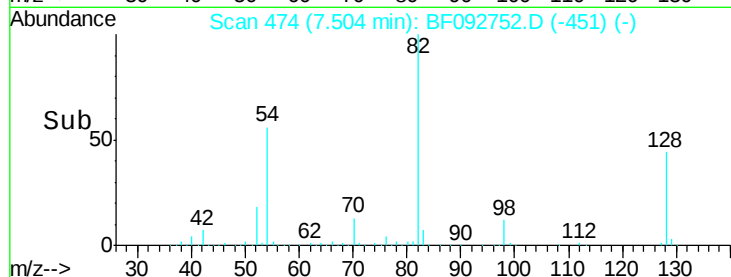
54 55.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 50.82 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

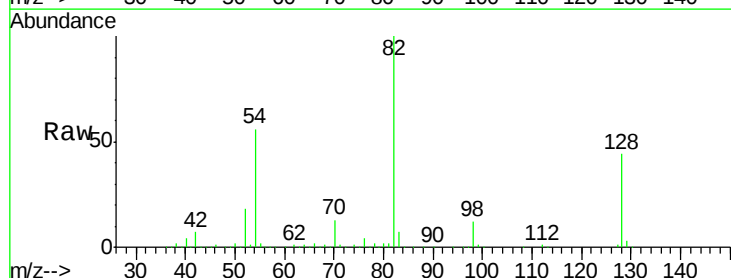
Tgt Ion: 82 Resp: 927254

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

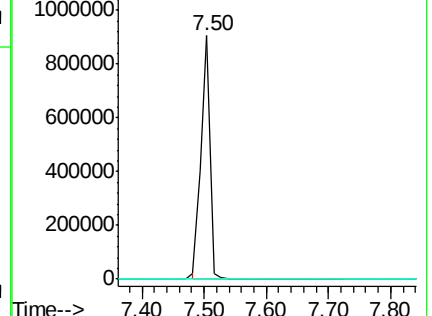
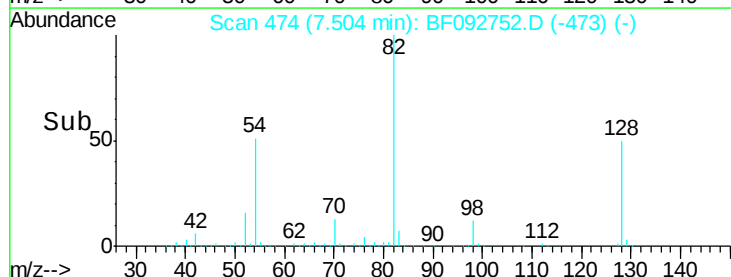
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP

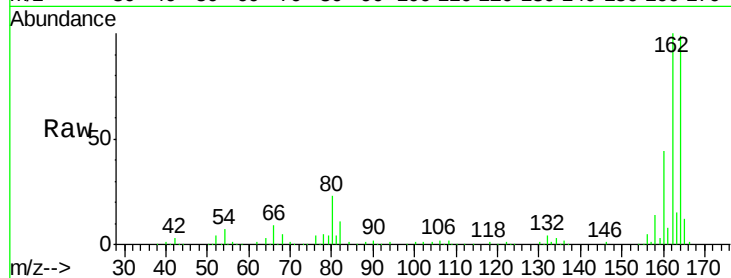
Tgt Ion:164 Resp: 248454

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

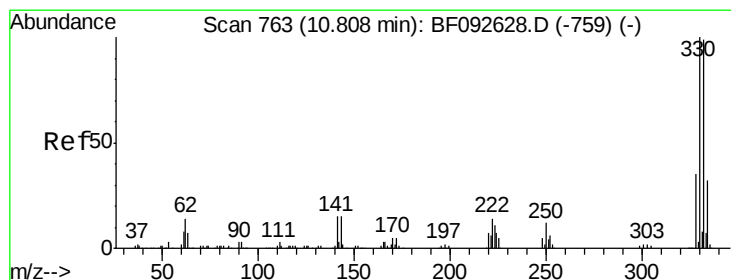
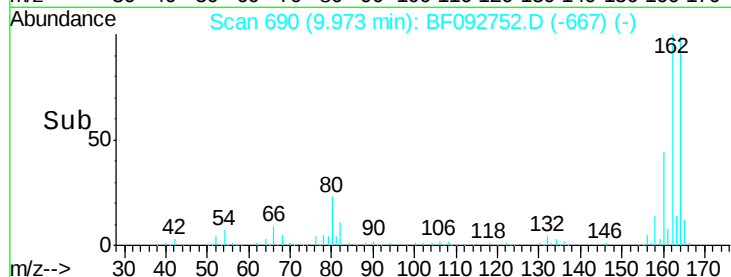
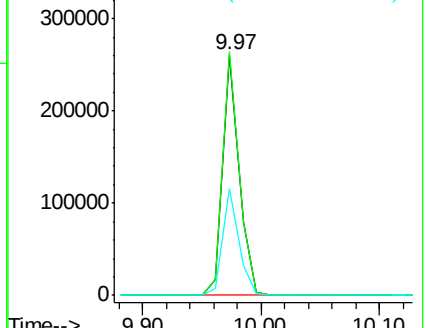
160 44.2 36.9 55.3



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: 107.22 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

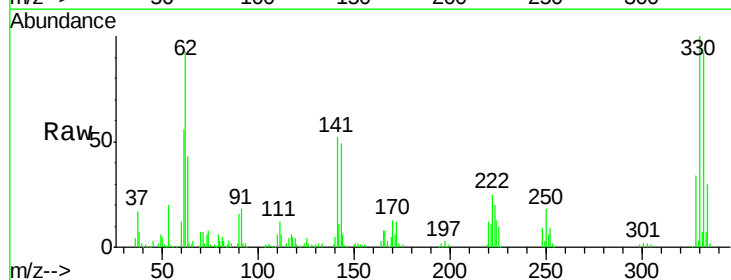
Tgt Ion:330 Resp: 192664

Ion Ratio Lower Upper

330 100

332 94.5 77.4 116.2

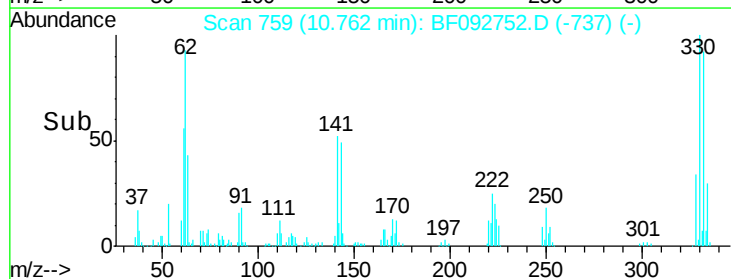
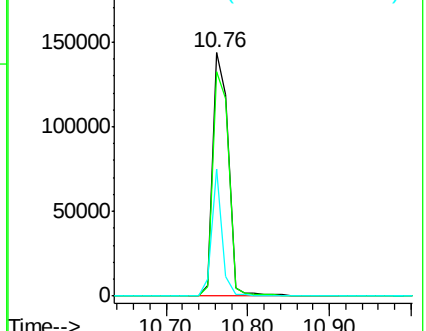
141 35.6 34.1 51.1

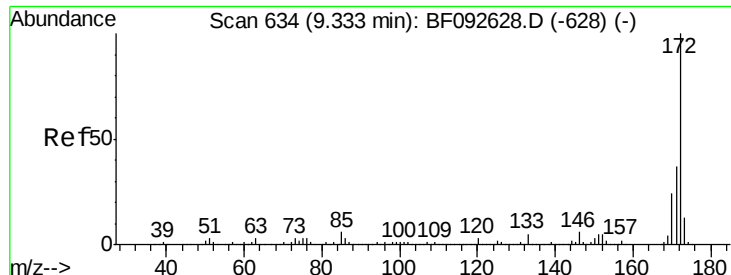


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

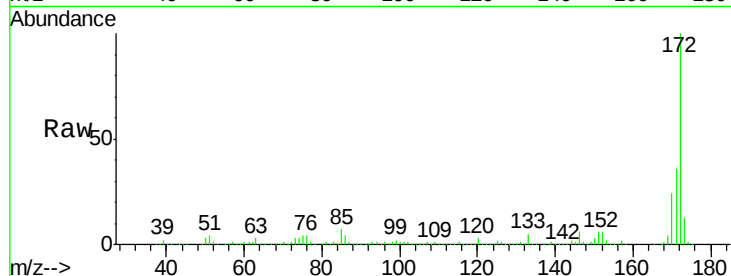




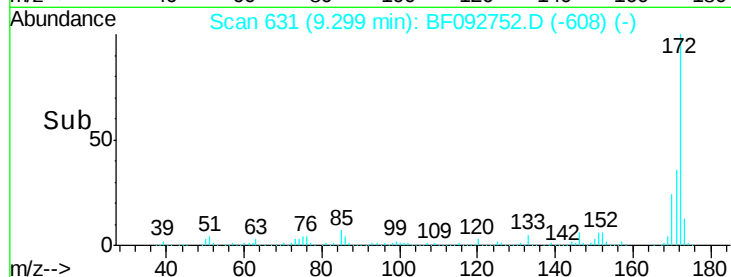
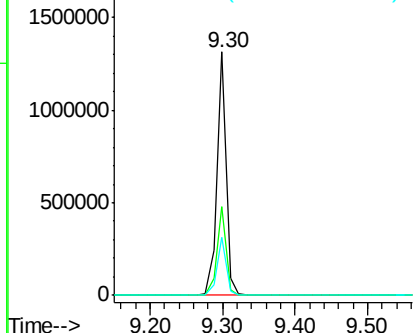
#44
 2-Fluorobiphenyl
 Concen: 84.47 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092752.D
 Acq: 2 Feb 2017 23:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-COMP

Tgt Ion:172 Resp: 1158434
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 23.7 20.2 30.4

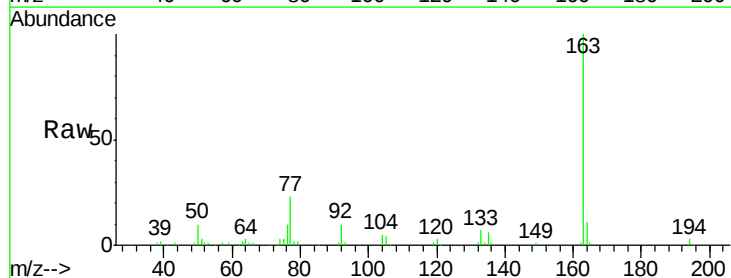


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

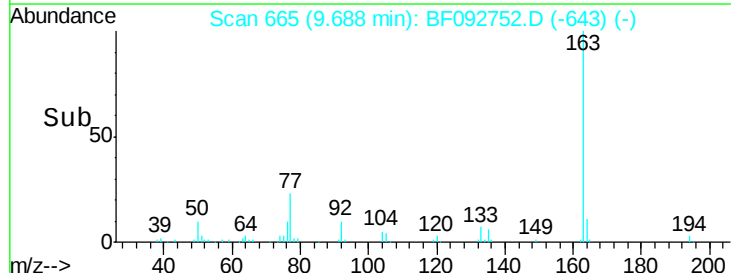
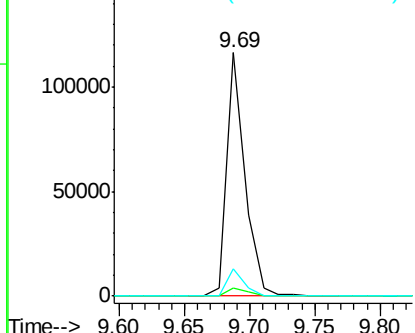


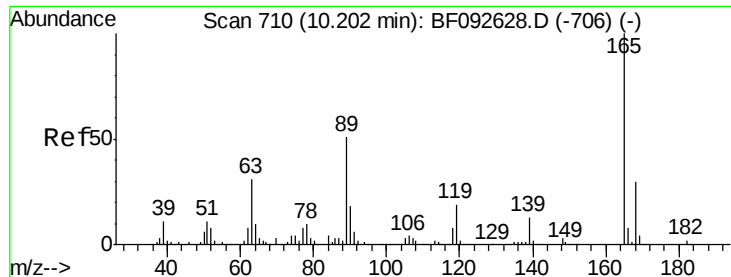
#49
 Dimethylphthalate
 Concen: 6.77 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF092752.D
 Acq: 2 Feb 2017 23:05

Tgt Ion:163 Resp: 113247
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 11.2 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

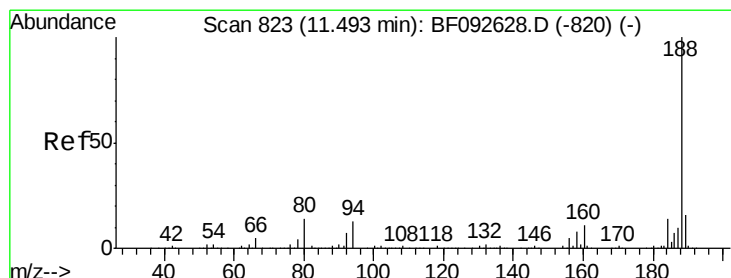
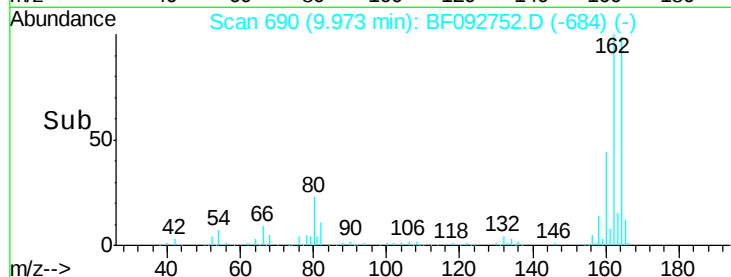
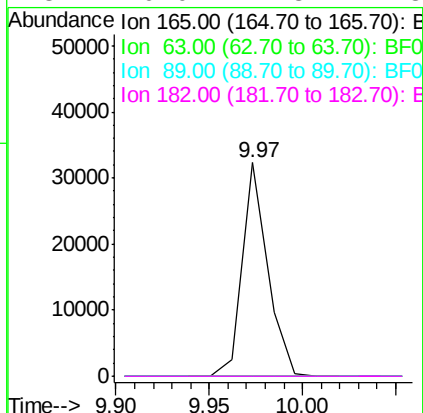
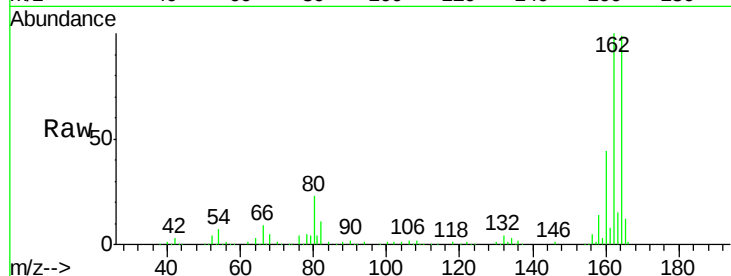




#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092752.D
 Acq: 2 Feb 2017 23:05

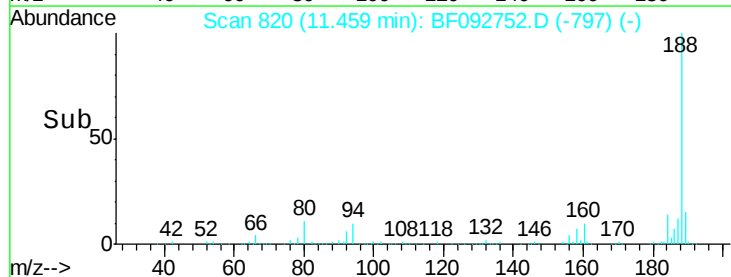
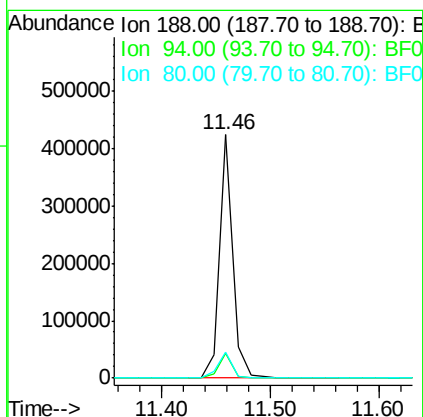
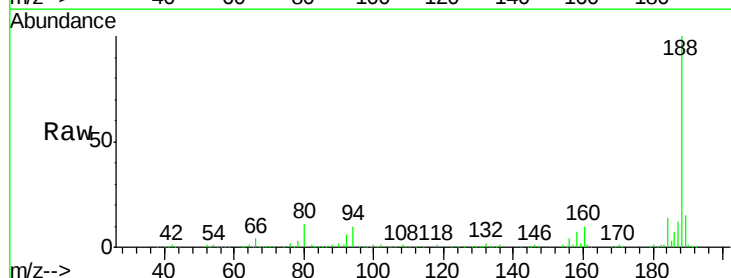
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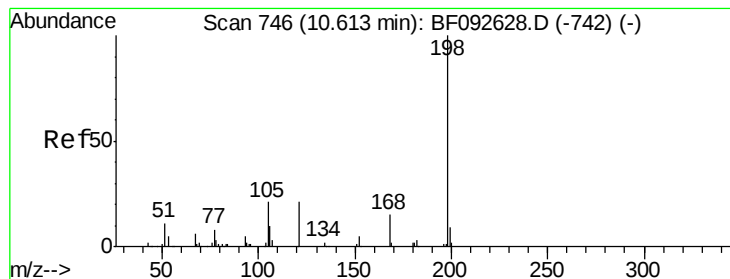
Tgt Ion:165 Resp: 30771
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.2 60.4#
 89 0.0 62.5 93.7#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092752.D
 Acq: 2 Feb 2017 23:05

Tgt Ion:188 Resp: 362552
 Ion Ratio Lower Upper
 188 100
 94 10.4 10.0 15.0
 80 10.5 11.2 16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.79 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP

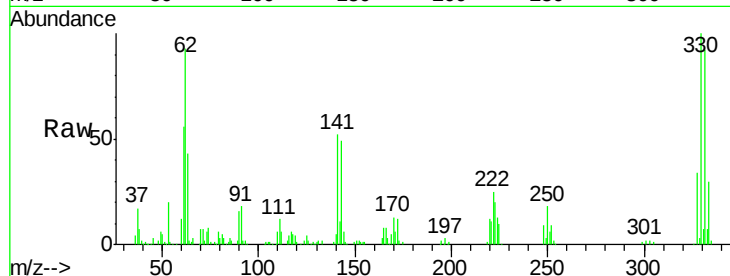
Tgt Ion:198 Resp: 284

Ion Ratio Lower Upper

198 100

51 264.0 6.7 46.7#

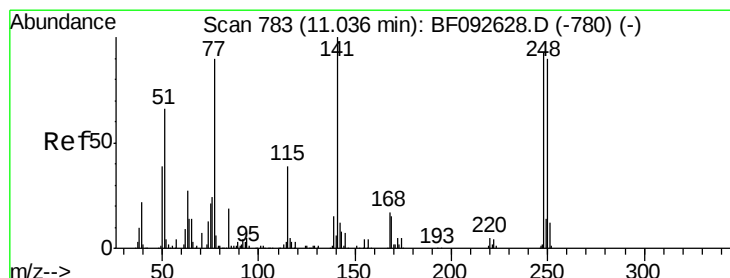
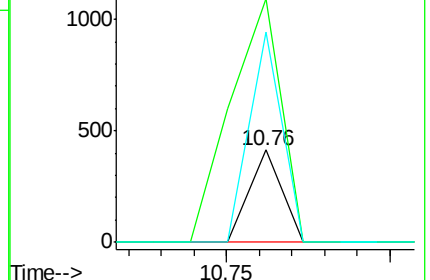
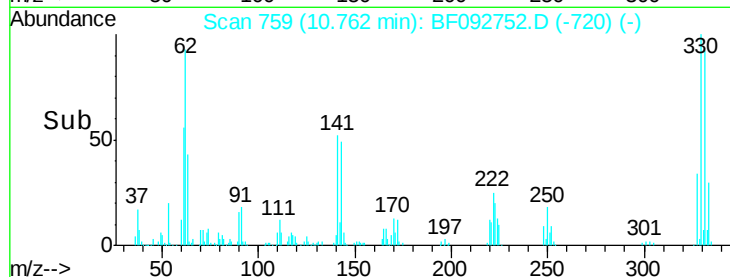
105 227.8 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.57 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

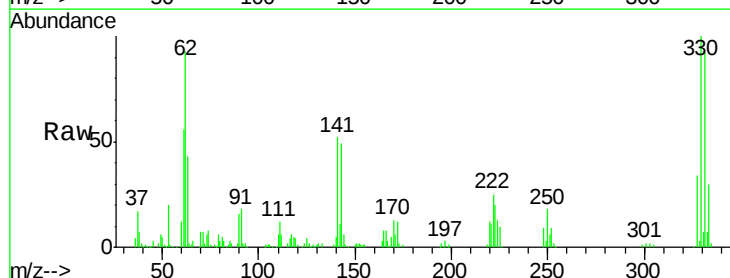
Tgt Ion:248 Resp: 13531

Ion Ratio Lower Upper

248 100

250 194.0 76.9 115.3#

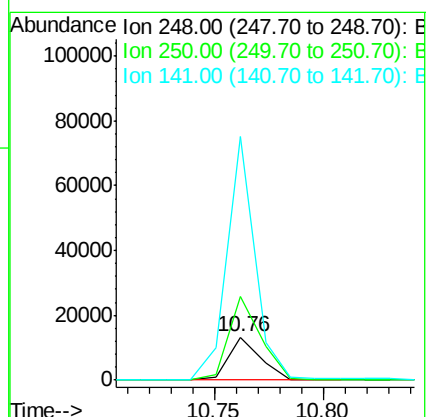
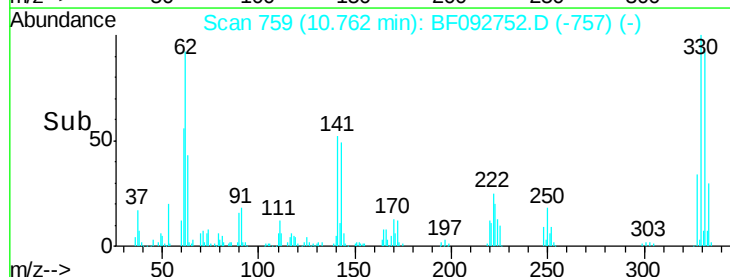
141 566.9 68.2 102.4#

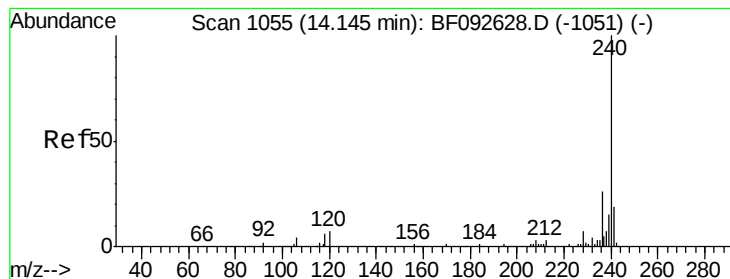


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

Instrument :

BNA_F

ClientSampleId :

SB-44-COMP

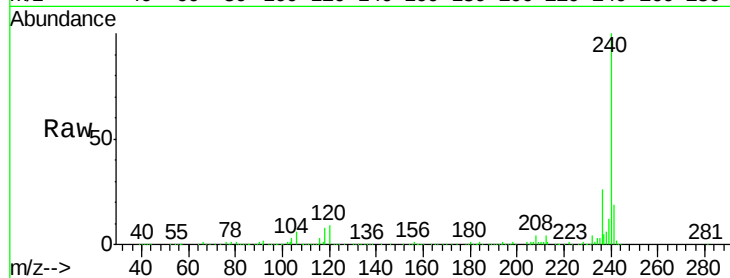
Tgt Ion:240 Resp: 291336

Ion Ratio Lower Upper

240 100

120 9.4 12.9 19.3#

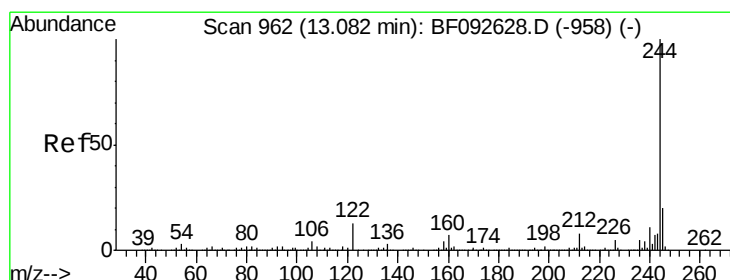
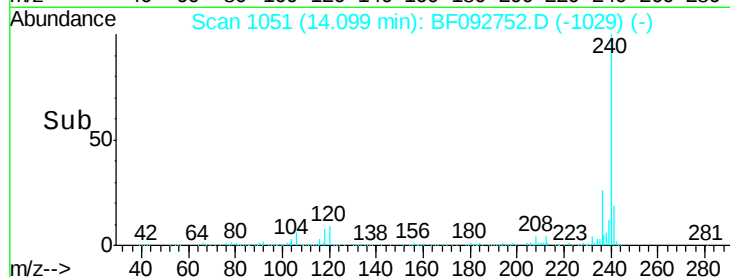
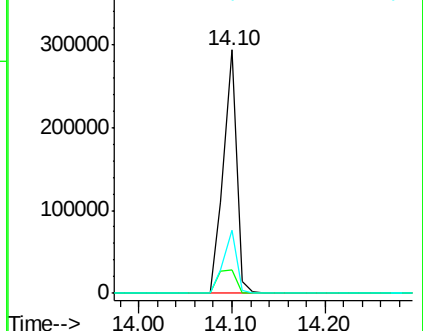
236 25.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 63.84 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092752.D

Acq: 2 Feb 2017 23:05

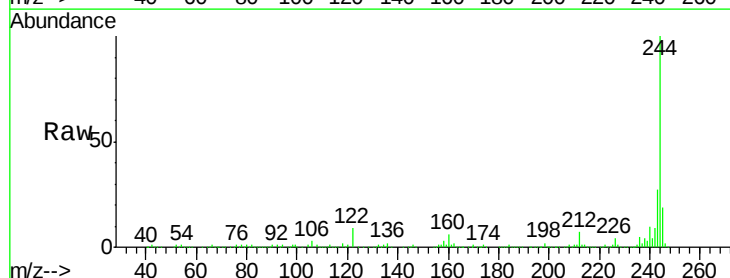
Tgt Ion:244 Resp: 791548

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

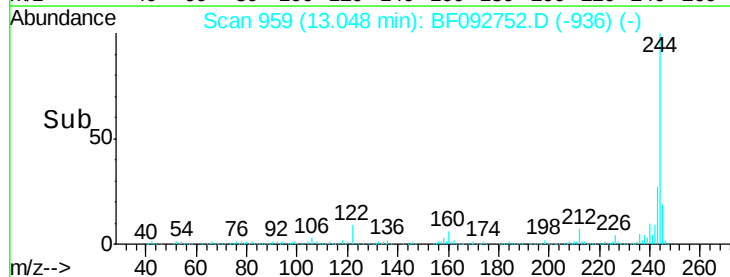
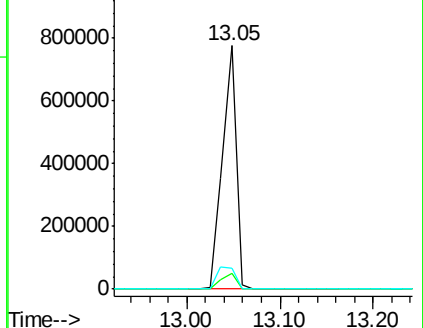
122 8.6 11.4 17.2#

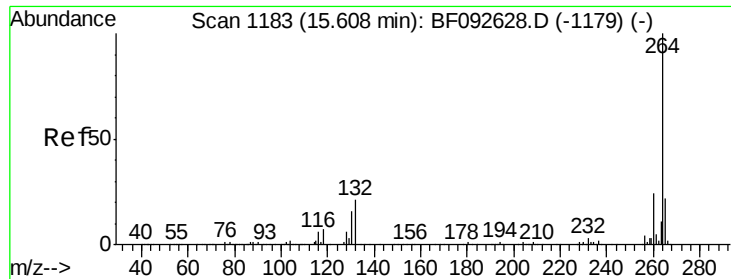


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092752.D
Acq: 2 Feb 2017 23:05

Instrument :
BNA_F
ClientSampleId :
SB-44-COMP

Tgt Ion: 264 Resp: 301189
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.4 17.4 26.0

