

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092753.D
 Acq On : 2 Feb 2017 23:32
 Operator : SJ/MA
 Sample : I1650-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-35-COMP

Quant Time: Feb 03 00:02:23 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

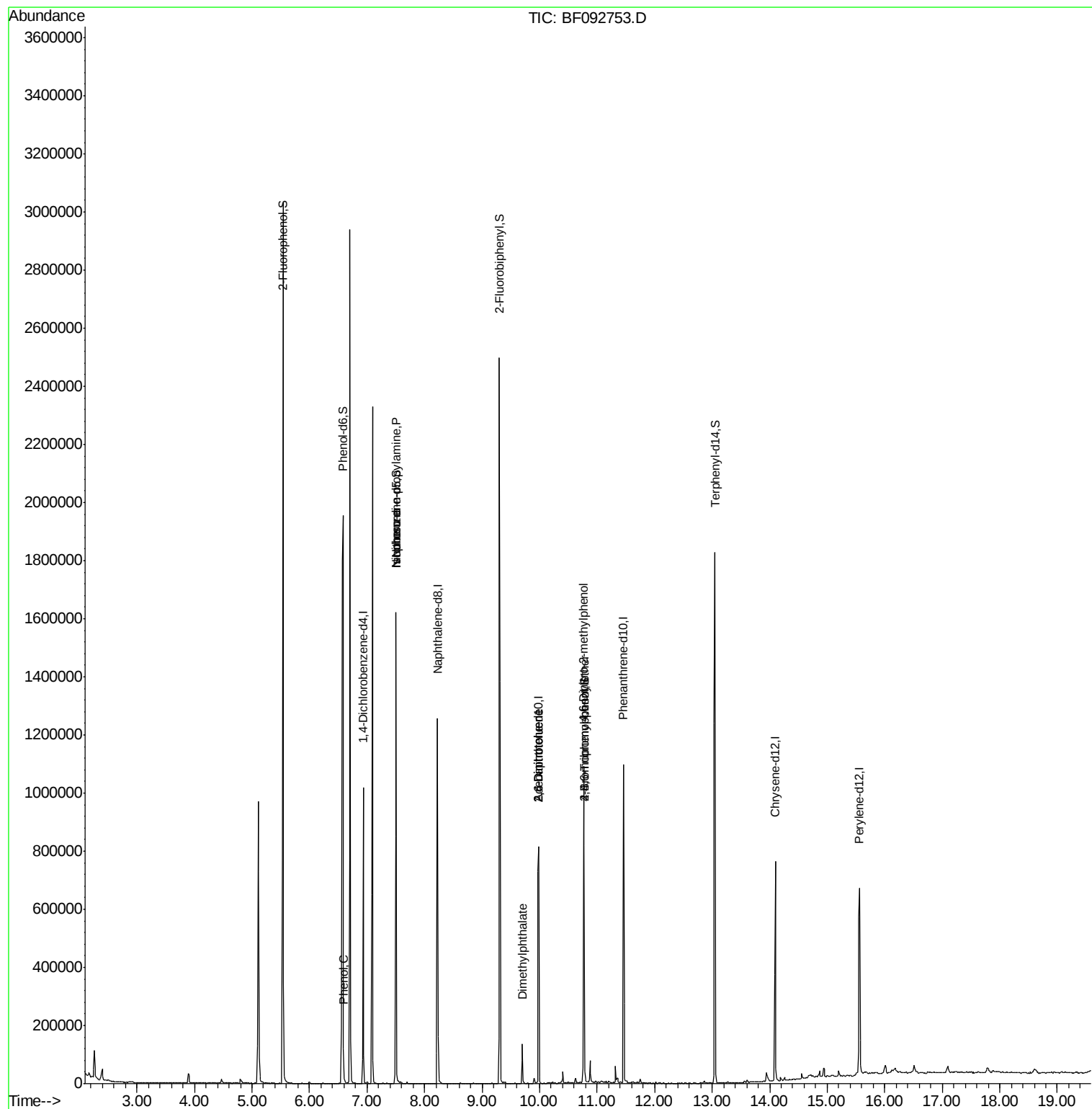
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	139072	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	533653	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	265023	20.00	ng	-0.02
63) Phenanthrene-d10	11.46	188	399275	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	301864	20.00	ng	-0.05
86) Perylene-d12	15.56	264	330206	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	790675	97.54	ng	-0.03
7) Phenol-d6	6.58	99	978508	93.82	ng	-0.02
23) Nitrobenzene-d5	7.50	82	600085	62.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	174357	90.96	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	993634	67.92	ng	-0.03
78) Terphenyl-d14	13.05	244	729331	56.77	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	42217	3.46	ng	# 61
19) n-Nitroso-di-n-propylamine	7.50	70	77957	11.74	ng	# 77
25) Isophorone	7.50	82	593260	33.22	ng	# 65
49) Dimethylphthalate	9.70	163	75863	4.25	ng	# 99
50) 2,6-Dinitrotoluene	9.98	165	34038	8.83	ng	# 29
56) 2,4-Dinitrotoluene	9.98	165	34040	6.63	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.76	198	241	2.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.77	248	12326	2.95	ng	# 1

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Instrument :

BNA_F

ClientSampleId :

SB-35-COMP

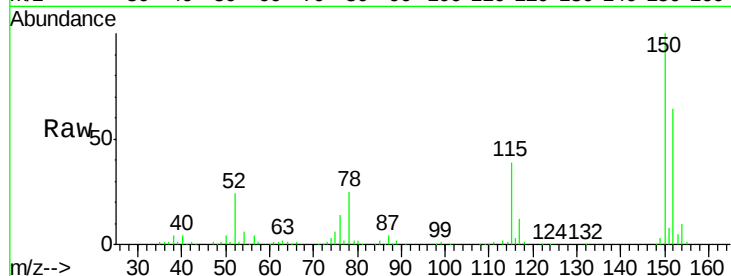
Tgt Ion:152 Resp: 139072

Ion Ratio Lower Upper

152 100

150 156.9 124.9 187.3

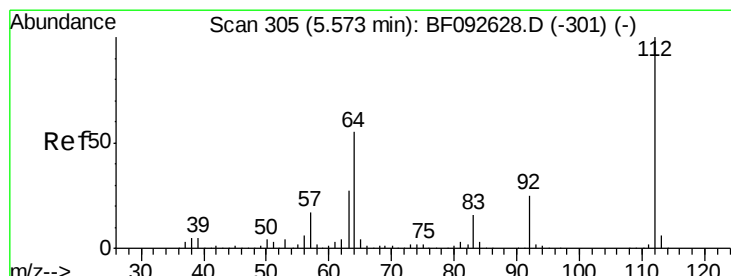
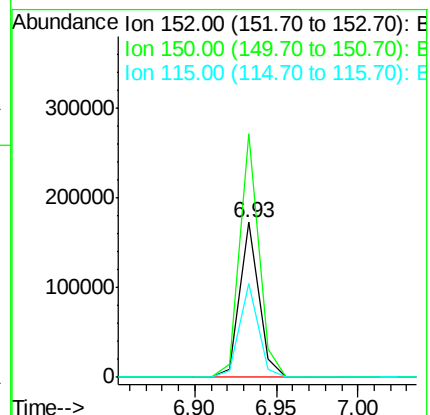
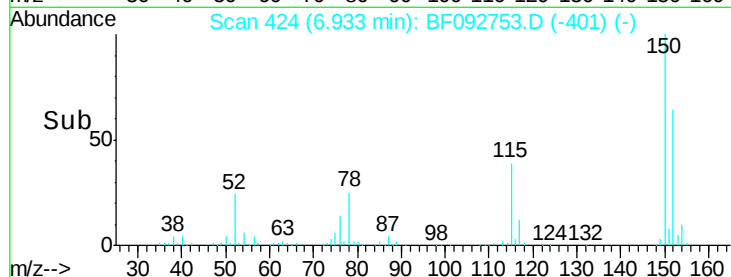
115 60.8 46.0 69.0



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: 97.54 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

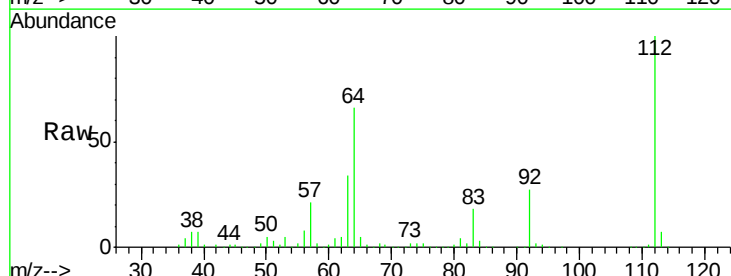
Tgt Ion:112 Resp: 790675

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

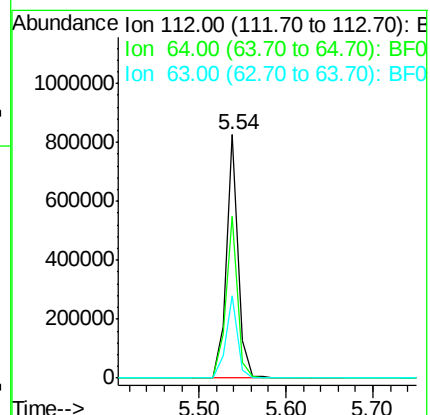
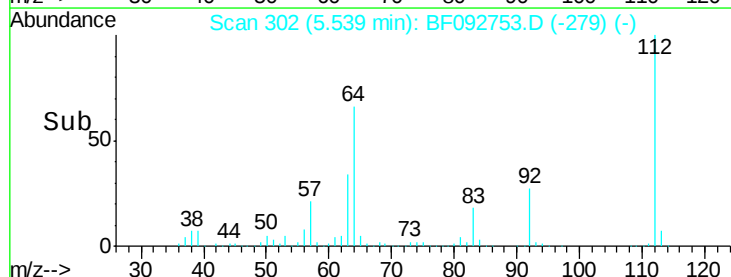
63 33.8 23.8 35.6



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: 93.82 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Instrument :

BNA_F

ClientSampleId :

SB-35-COMP

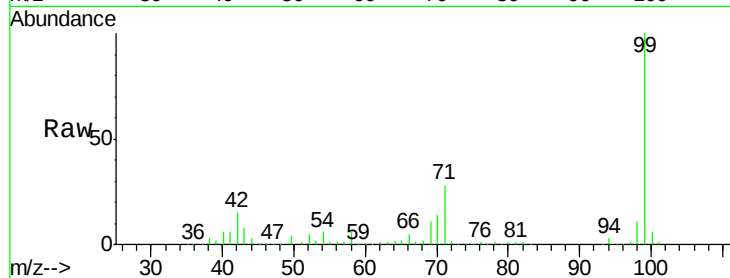
Tgt Ion: 99 Resp: 978508

Ion Ratio Lower Upper

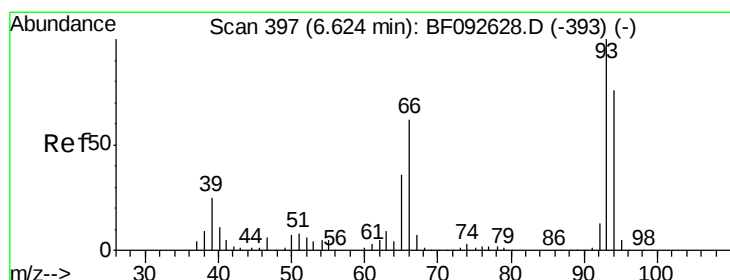
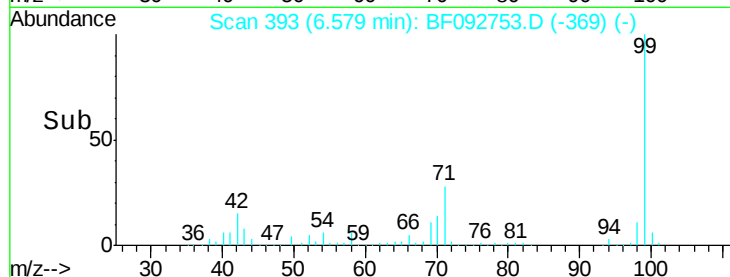
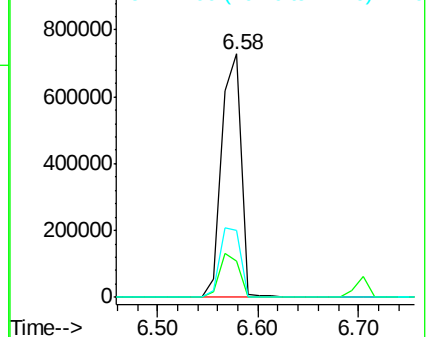
99 100

42 15.0 15.6 23.4#

71 27.7 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: 3.46 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

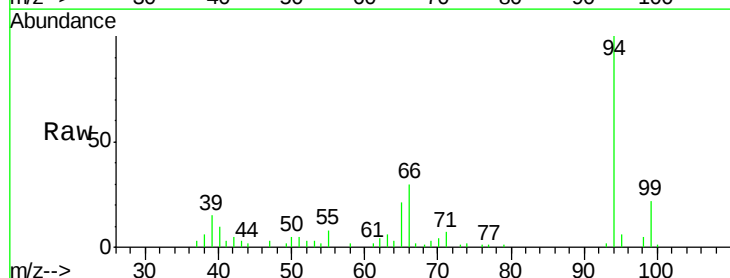
Tgt Ion: 94 Resp: 42217

Ion Ratio Lower Upper

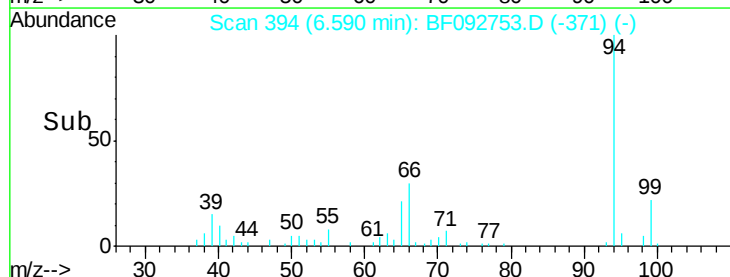
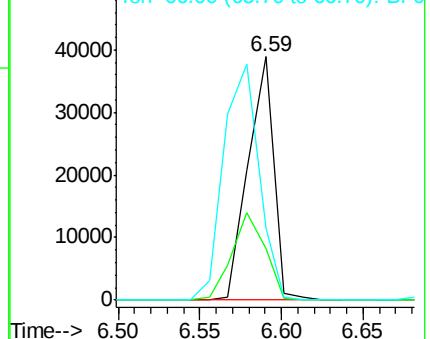
94 100

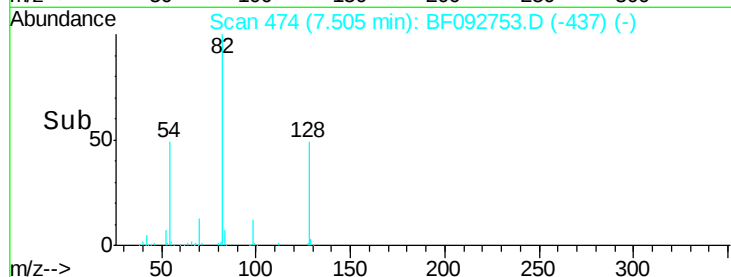
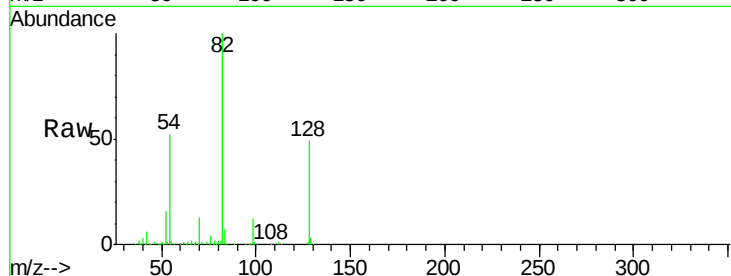
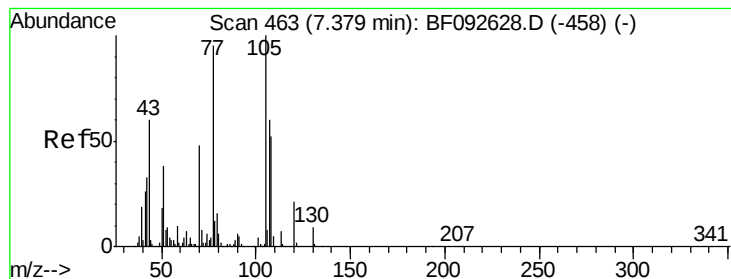
65 21.1 21.4 61.4#

66 29.6 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: 11.74 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.13 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Instrument :

BNA_F

ClientSampleId :

SB-35-COMP

Tgt Ion: 70 Resp: 77957

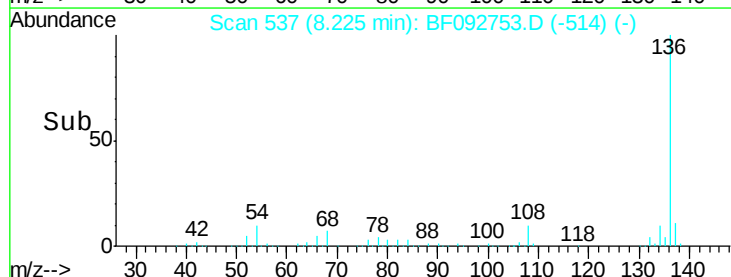
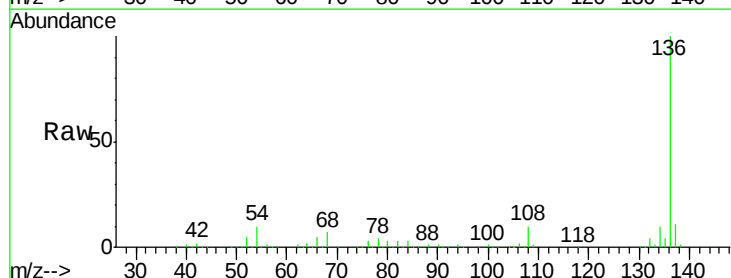
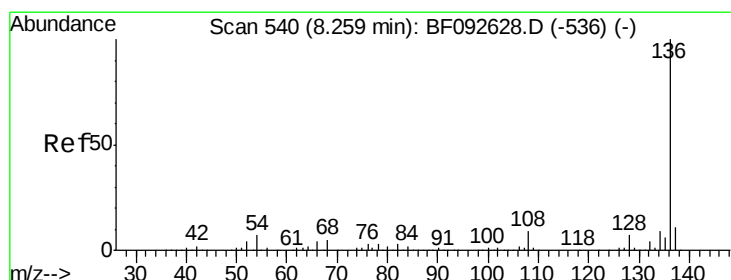
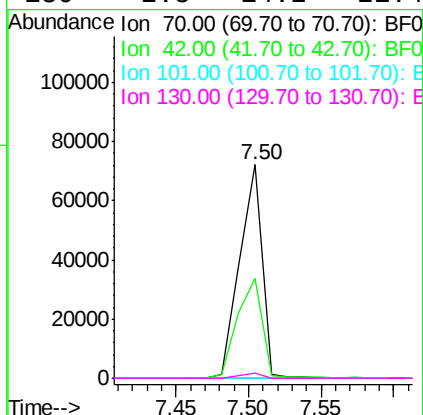
Ion Ratio Lower Upper

70 100

42 47.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 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: BF092753.D

Acq: 2 Feb 2017 23:32

Tgt Ion: 136 Resp: 533653

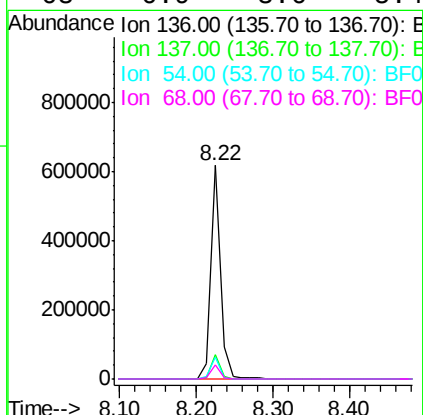
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.9 4.5 6.7#

68 6.9 3.6 5.4#

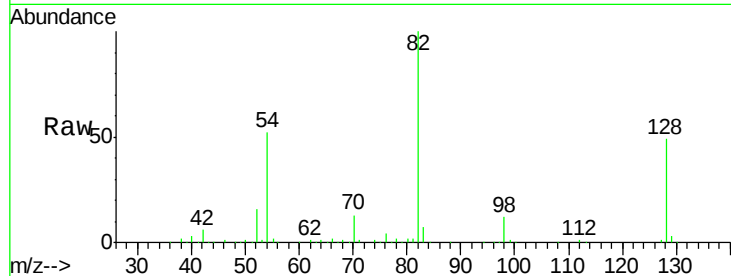




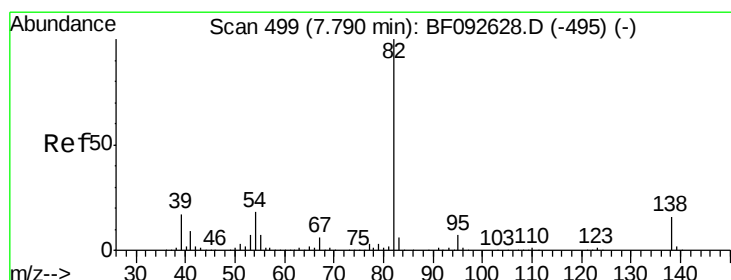
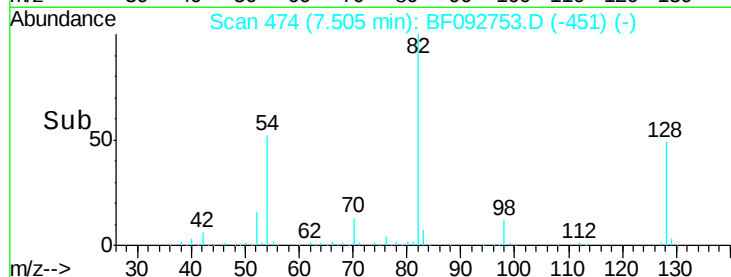
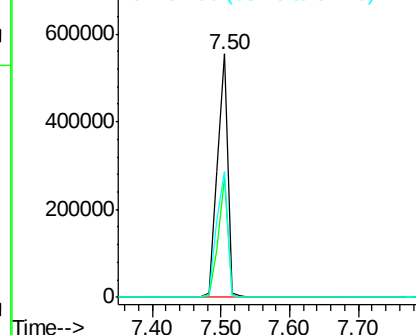
#23
 Nitrobenzene-d5
 Concen: 62.62 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-35-COMP

Tgt Ion: 82 Resp: 600085
 Ion Ratio Lower Upper
 82 100
 128 49.3 34.6 52.0
 54 51.9 39.5 59.3

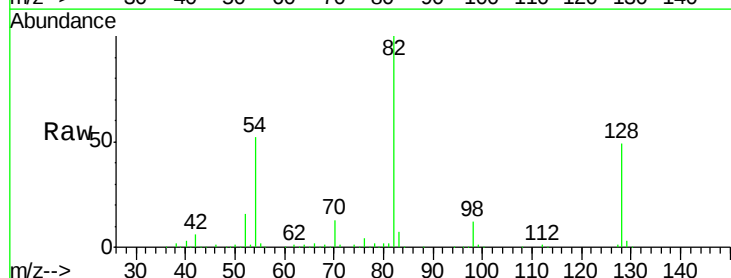


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

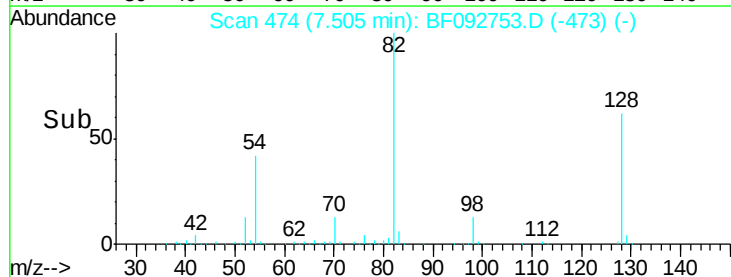
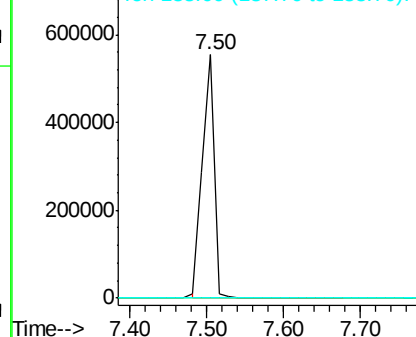


#25
 Isophorone
 Concen: 33.22 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.29 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

Tgt Ion: 82 Resp: 593260
 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

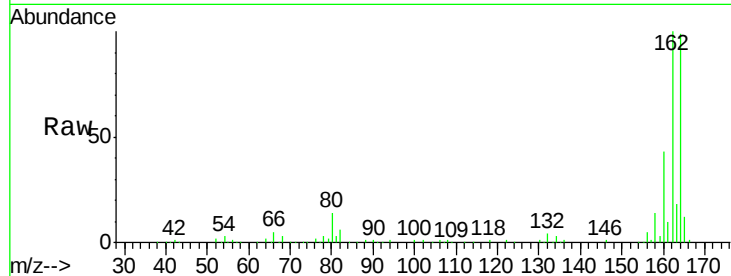




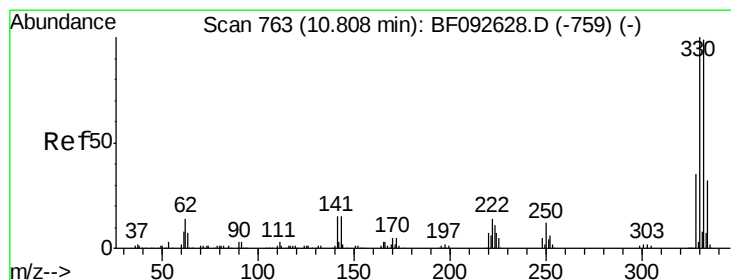
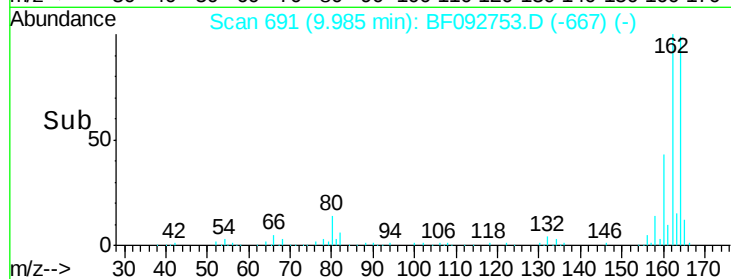
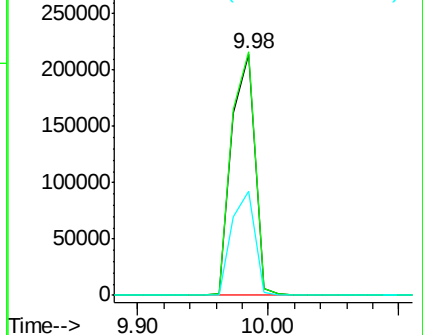
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-35-COMP

Tgt Ion:164 Resp: 265023
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.2 120.2
 160 42.9 36.9 55.3

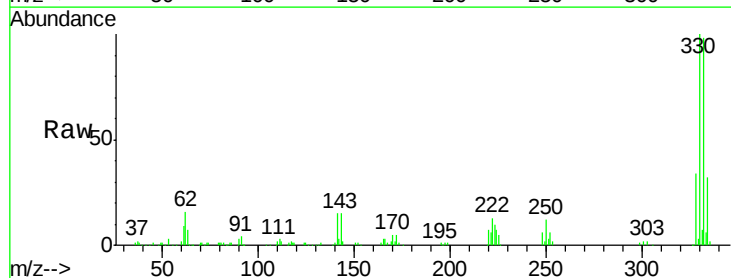


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

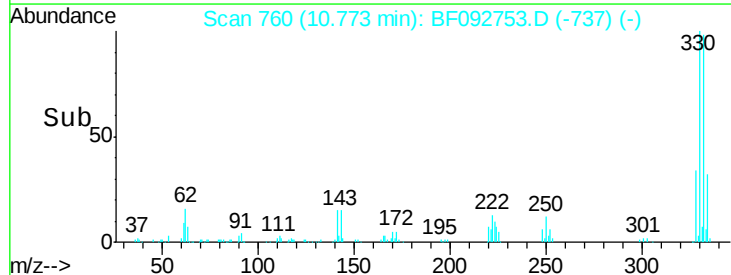
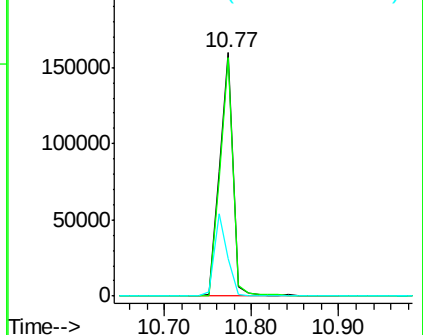


#41
 2,4,6-Tribromophenol
 Concen: 90.96 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

Tgt Ion:330 Resp: 174357
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 32.8 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

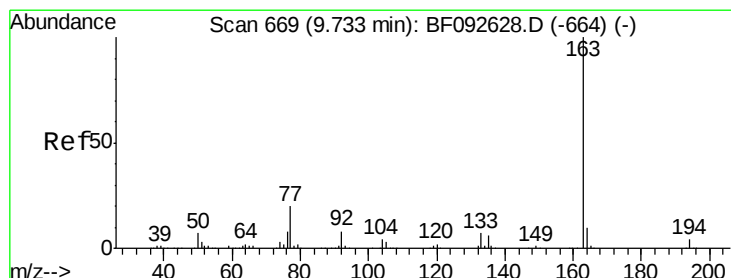
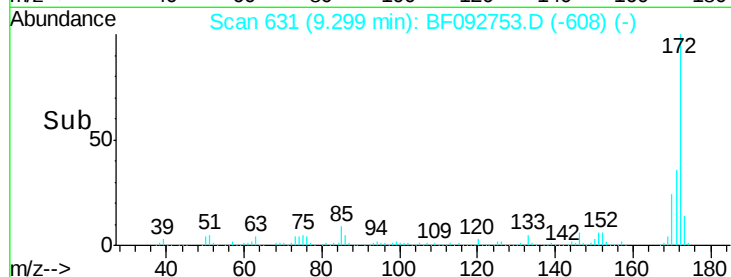
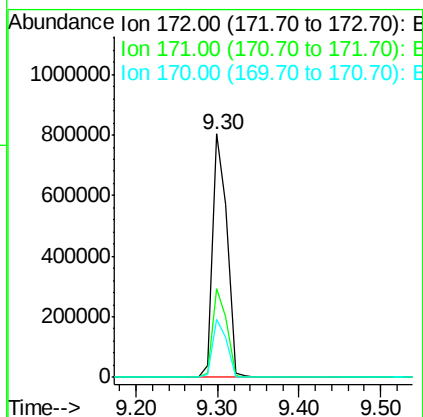
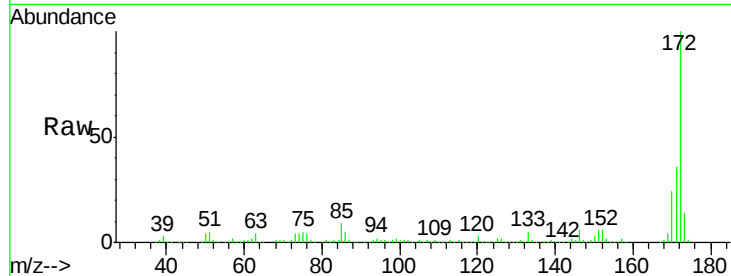




#44
2-Fluorobiphenyl
Concen: 67.92 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF092753.D
Acq: 2 Feb 2017 23:32

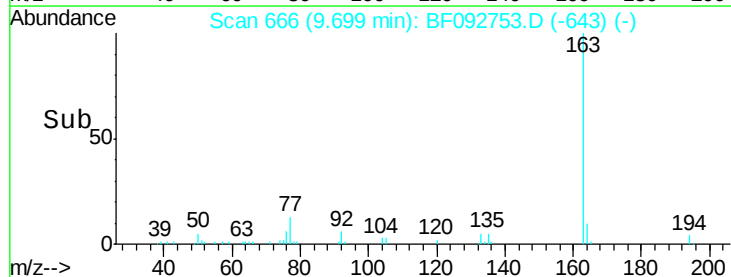
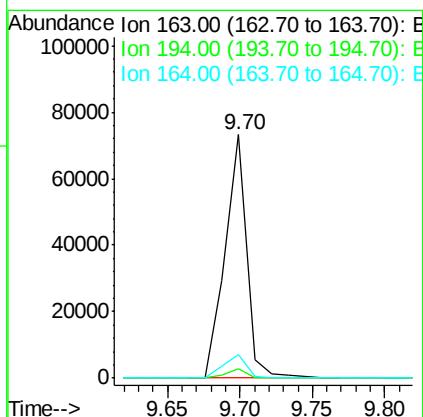
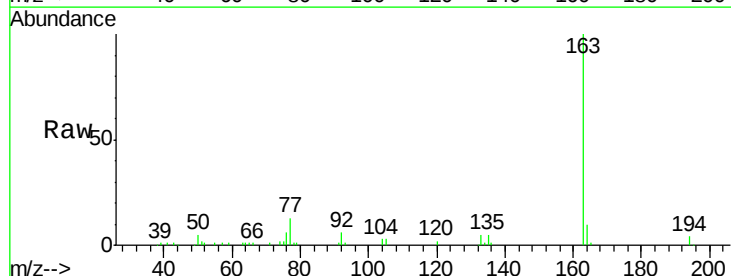
Instrument :
BNA_F
ClientSampled :
SB-35-COMP

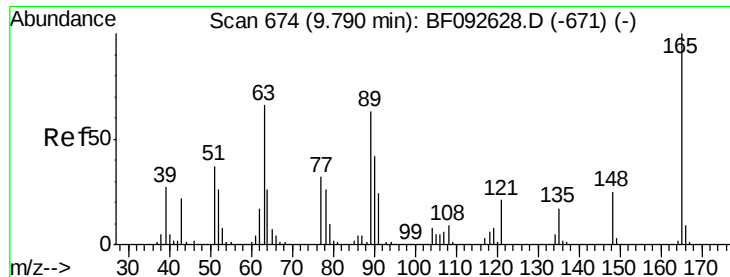
Tgt Ion:172 Resp: 993634
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.9 20.2 30.4



#49
Dimethylphthalate
Concen: 4.25 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF092753.D
Acq: 2 Feb 2017 23:32

Tgt Ion:163 Resp: 75863
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.7 8.0 12.0

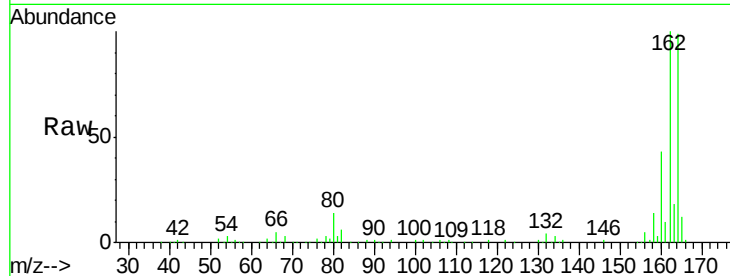




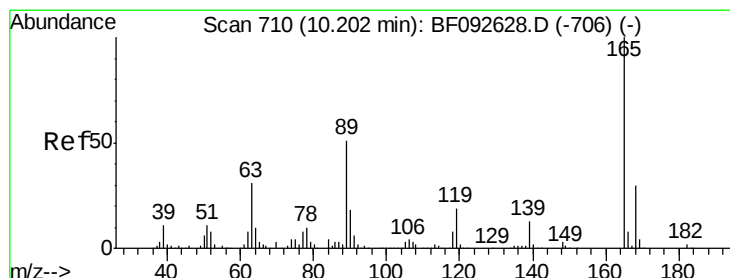
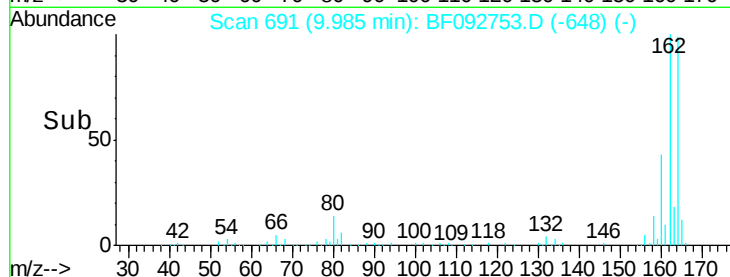
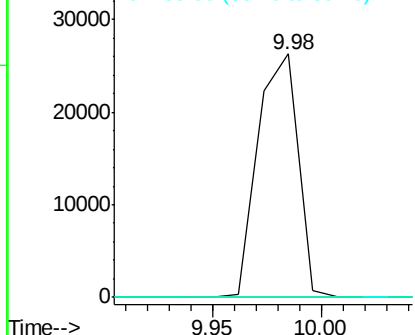
#50
 2,6-Dinitrotoluene
 Concen: 8.83 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.19 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-35-COMP

Tgt Ion:165 Resp: 34038
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 0.0 40.2 60.4#

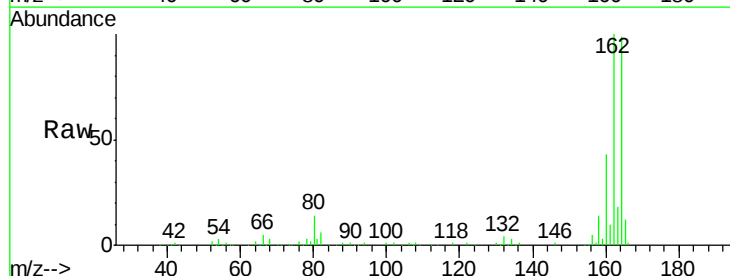


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

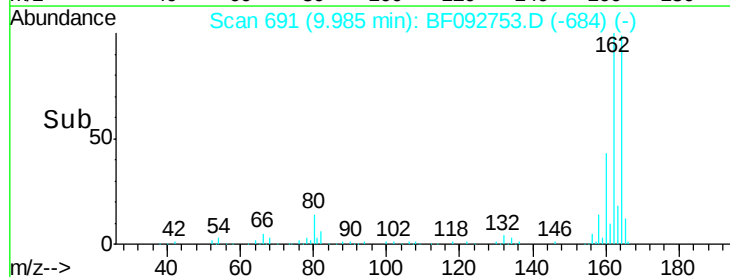
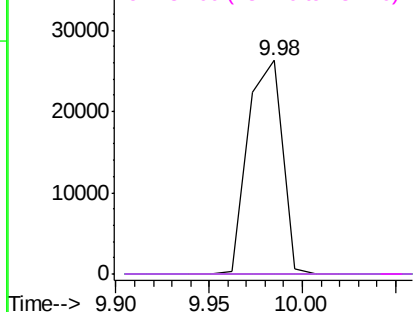


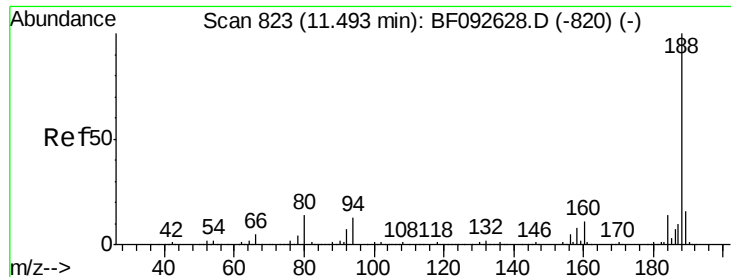
#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.22 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

Tgt Ion:165 Resp: 34040
 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#



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

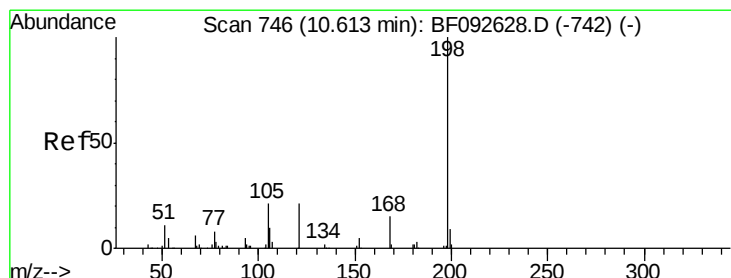
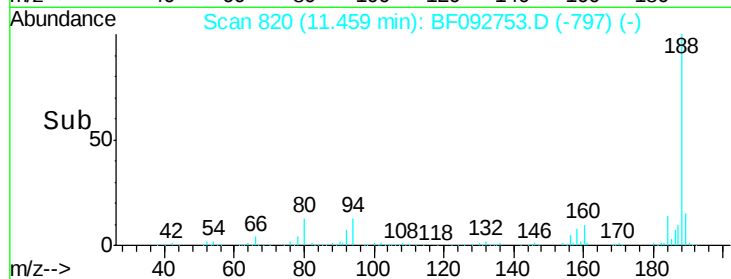
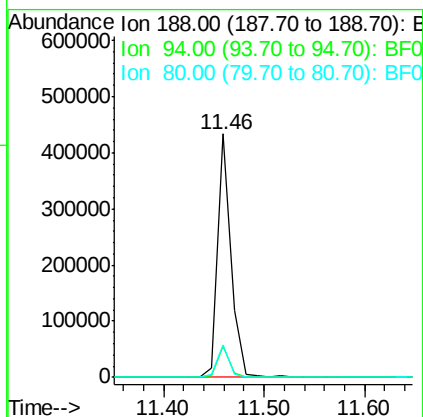
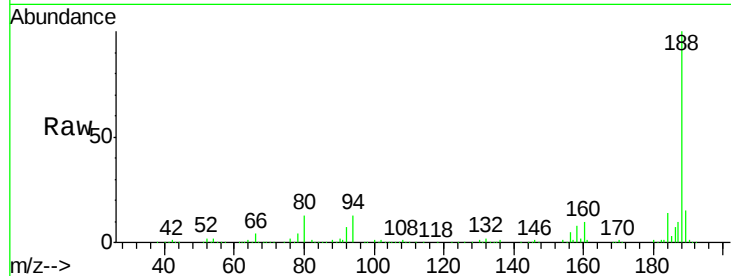




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

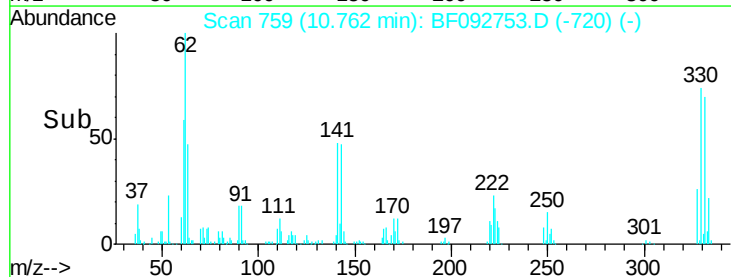
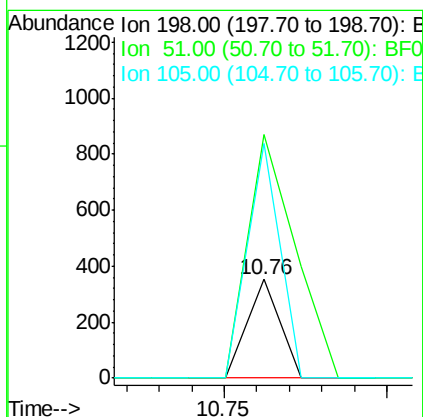
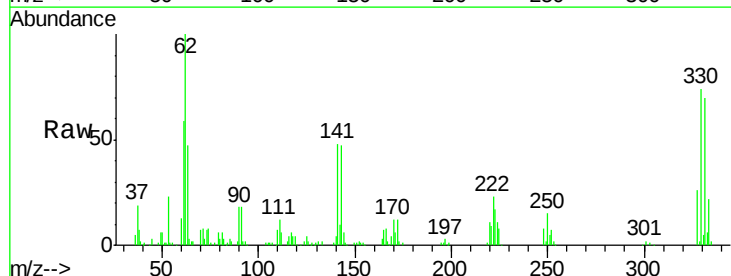
Instrument :
 BNA_F
 ClientSampleId :
 SB-35-COMP

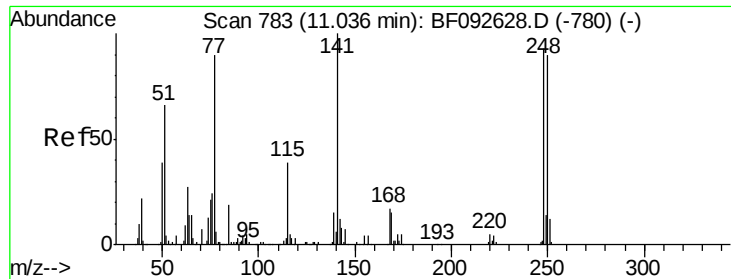
Tgt Ion:188 Resp: 399275
 Ion Ratio Lower Upper
 188 100
 94 12.6 10.0 15.0
 80 13.1 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.76 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.15 min
 Lab File: BF092753.D
 Acq: 2 Feb 2017 23:32

Tgt Ion:198 Resp: 241
 Ion Ratio Lower Upper
 198 100
 51 246.9 6.7 46.7#
 105 238.6 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 2.95 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Instrument :

BNA_F

ClientSampleId :

SB-35-COMP

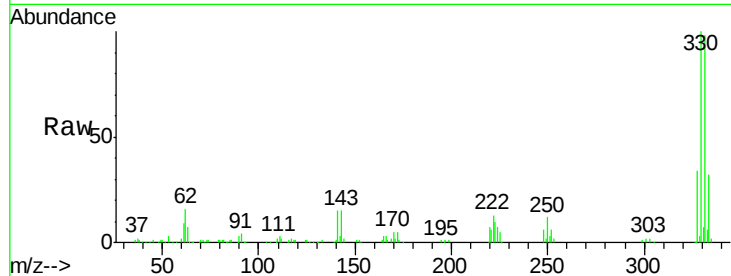
Tgt Ion:248 Resp: 12326

Ion Ratio Lower Upper

248 100

250 204.4 76.9 115.3#

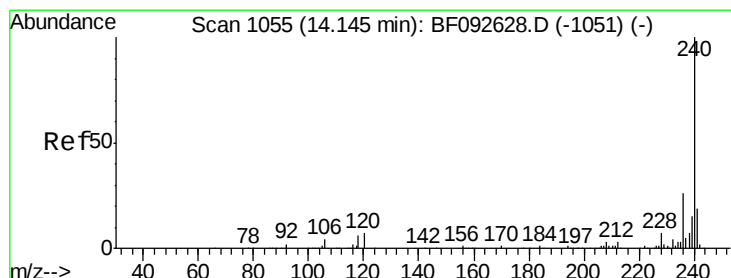
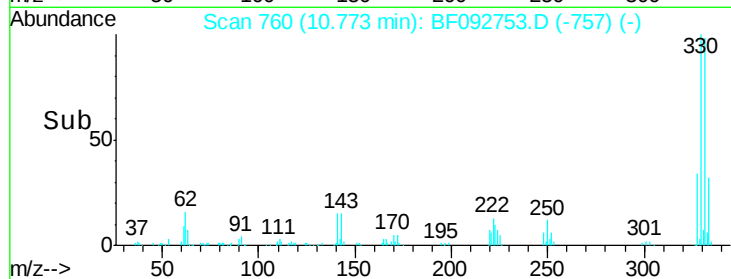
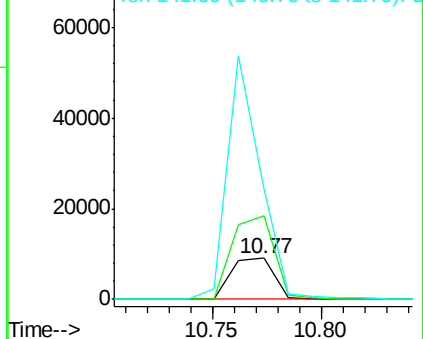
141 270.6 68.2 102.4#



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: BF092753.D

Acq: 2 Feb 2017 23:32

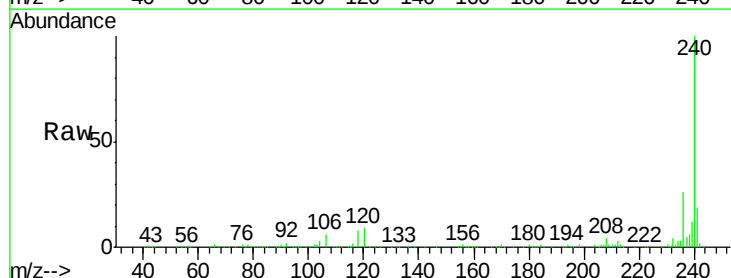
Tgt Ion:240 Resp: 301864

Ion Ratio Lower Upper

240 100

120 9.3 12.9 19.3#

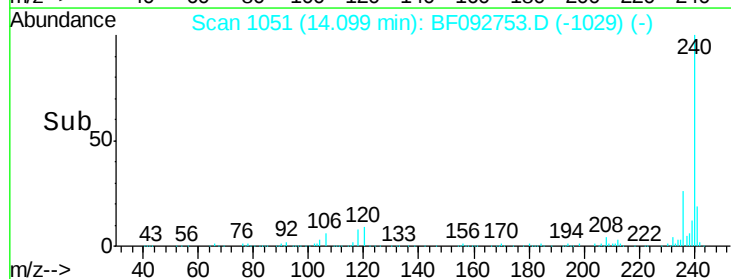
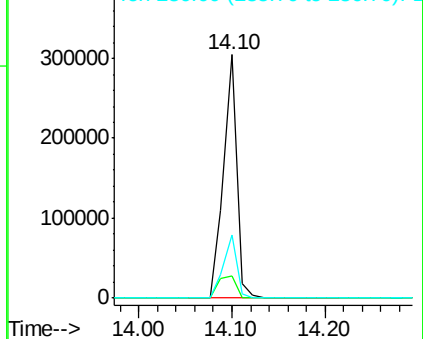
236 26.1 20.9 31.3

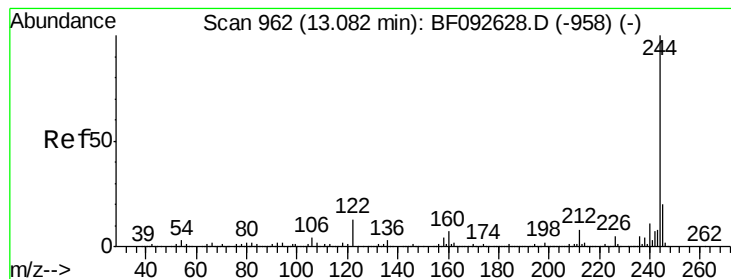


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 56.77 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Instrument :

BNA_F

ClientSampleId :

SB-35-COMP

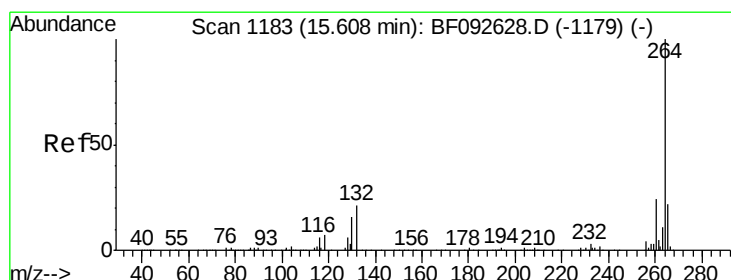
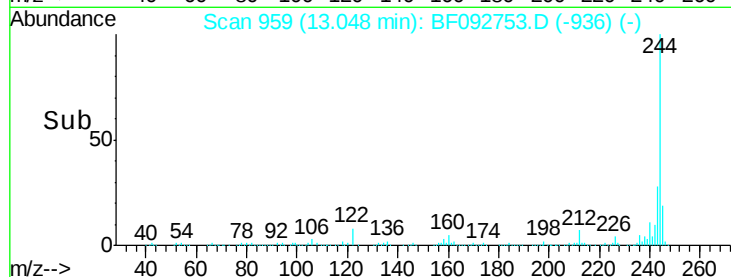
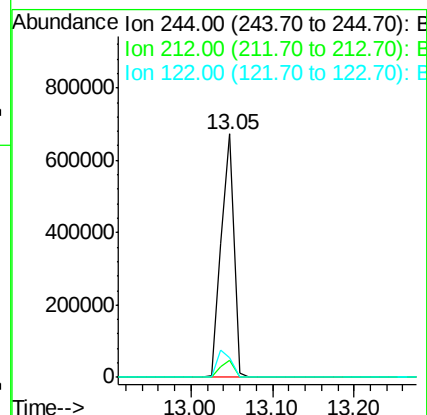
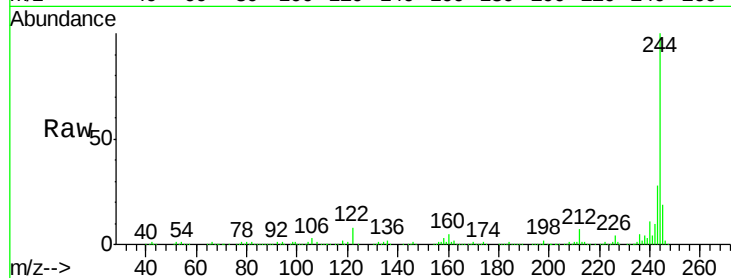
Tgt Ion:244 Resp: 729331

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

122 8.0 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092753.D

Acq: 2 Feb 2017 23:32

Tgt Ion:264 Resp: 330206

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 17.4 26.0

