

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092754.D
 Acq On : 3 Feb 2017 00:00
 Operator : SJ/MA
 Sample : I1650-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-36-COMP

Quant Time: Feb 03 00:58:58 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

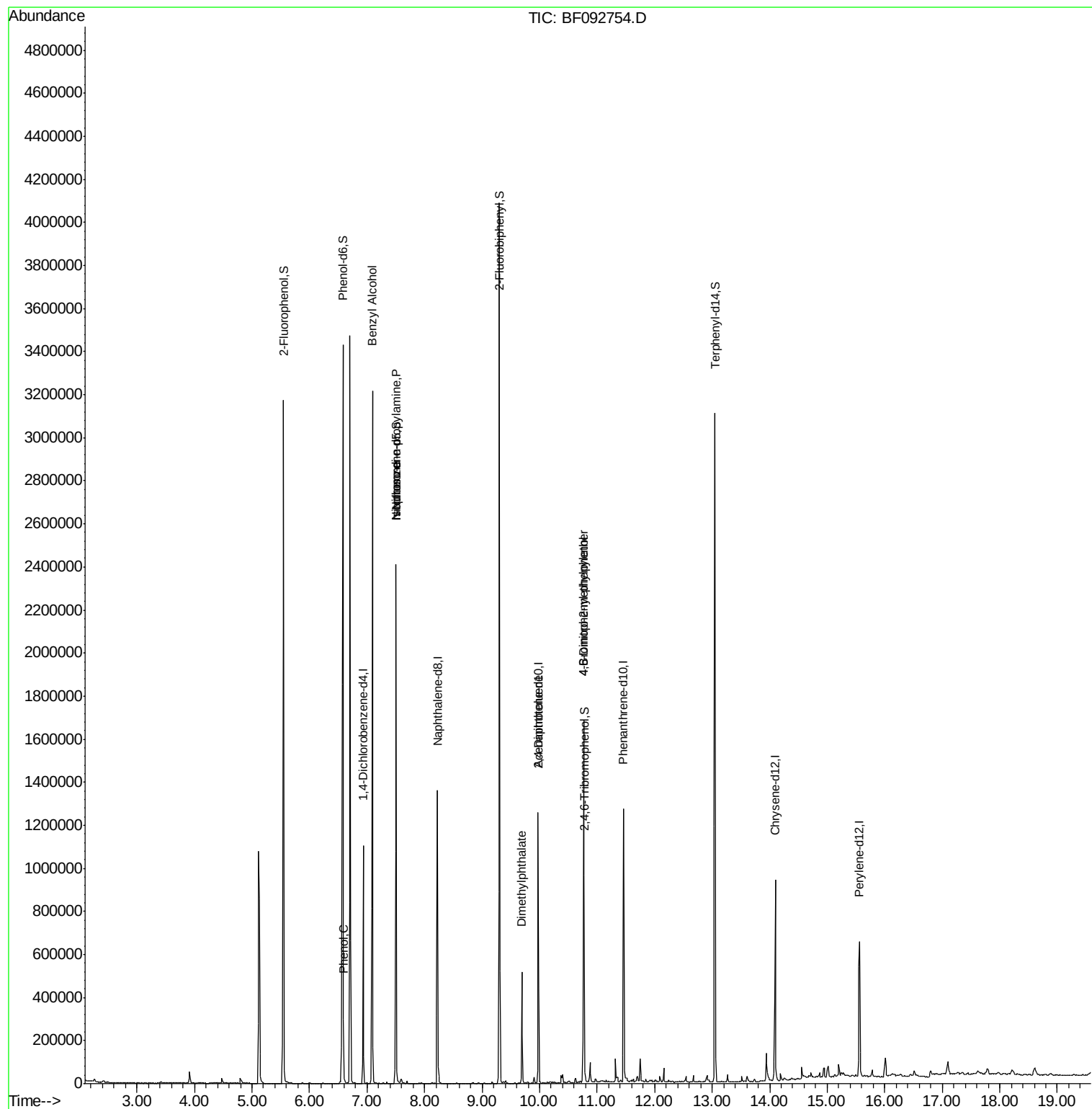
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	148400	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	608781	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	287625	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	455002	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	349982	20.00	ng	-0.05
86) Perylene-d12	15.56	264	324276	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1083700	125.28	ng	-0.02
7) Phenol-d6	6.58	99	1315617	118.21	ng	-0.02
23) Nitrobenzene-d5	7.50	82	846117	77.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	254836	122.50	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1302009	82.01	ng	-0.03
78) Terphenyl-d14	13.05	244	1011986	67.94	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	68591	5.27	ng	# 64
15) Benzyl Alcohol	7.09	79	17539	2.13	ng	# 40
19) n-Nitroso-di-n-propylamine	7.50	70	113087	15.96	ng	# 78
25) Isophorone	7.50	82	832272	40.86	ng	# 65
49) Dimethylphthalate	9.69	163	251523	12.98	ng	98
56) 2,4-Dinitrotoluene	9.97	165	38076	6.84	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.76	198	382	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	17376	3.66	ng	# 1

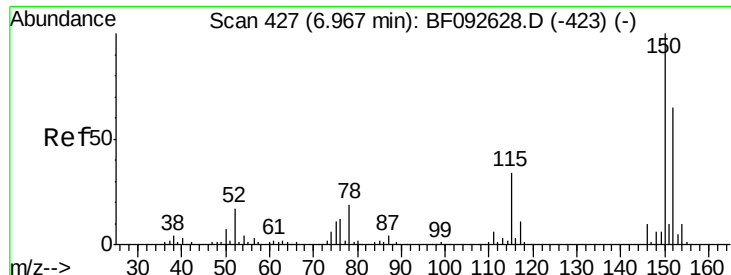
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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QLast Update : Mon Jan 30 14:50:05 2017
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: BF092754.D

Acq: 3 Feb 2017 00:00

Instrument :

BNA_F

ClientSampleId :

SB-36-COMP

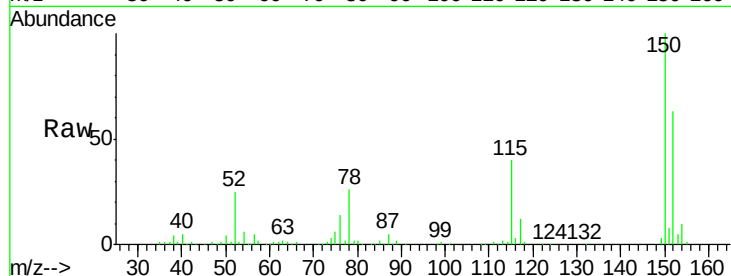
Tgt Ion:152 Resp: 148400

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

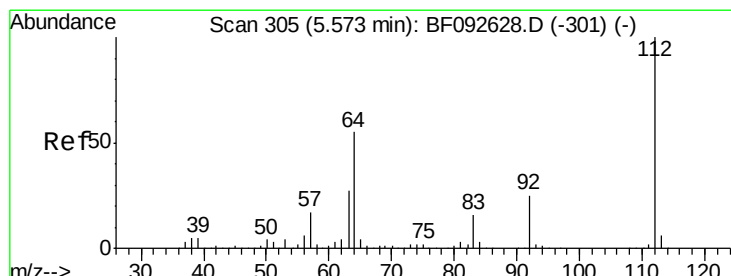
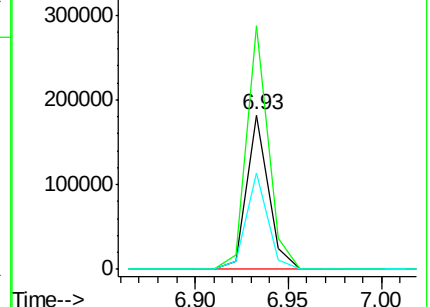
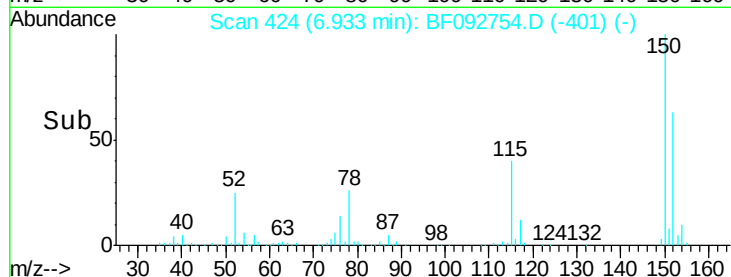
115 62.8 46.0 69.0



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: 125.28 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092754.D

Acq: 3 Feb 2017 00:00

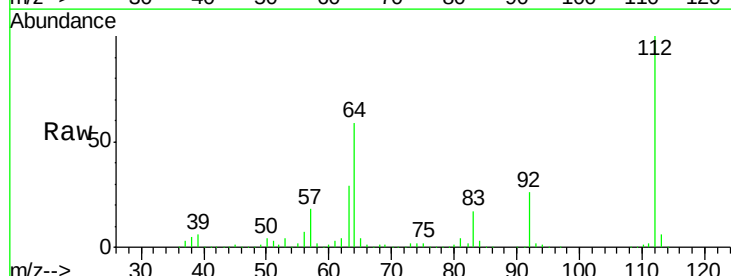
Tgt Ion:112 Resp: 1083700

Ion Ratio Lower Upper

112 100

64 58.5 46.1 69.1

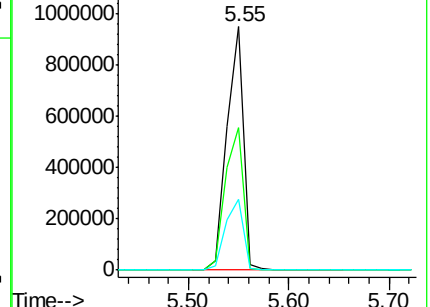
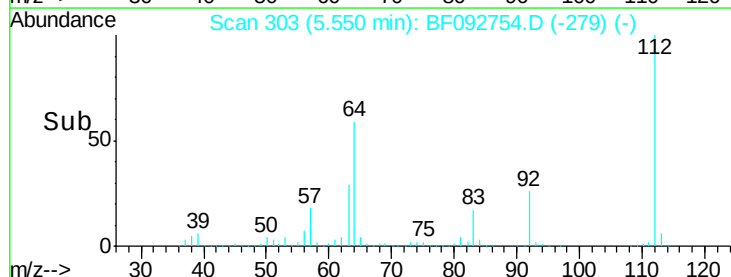
63 29.1 23.8 35.6

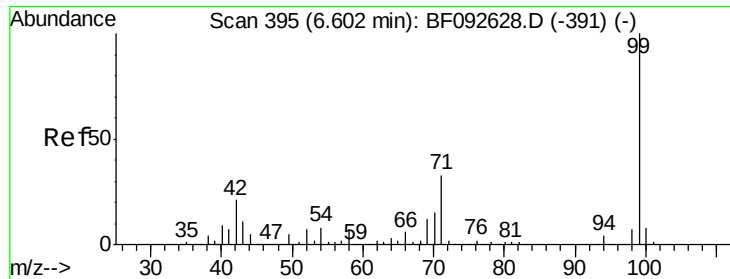


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.21 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092754.D

Acq: 3 Feb 2017 00:00

Instrument :

BNA_F

ClientSampleId :

SB-36-COMP

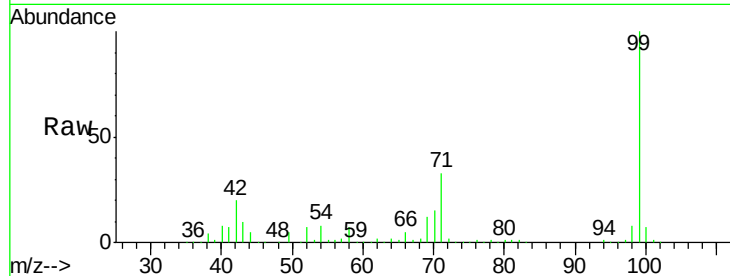
Tgt Ion: 99 Resp: 1315617

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

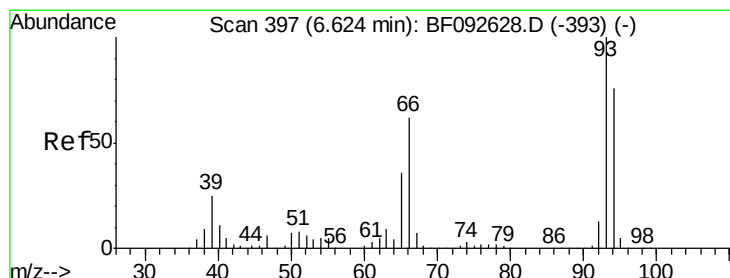
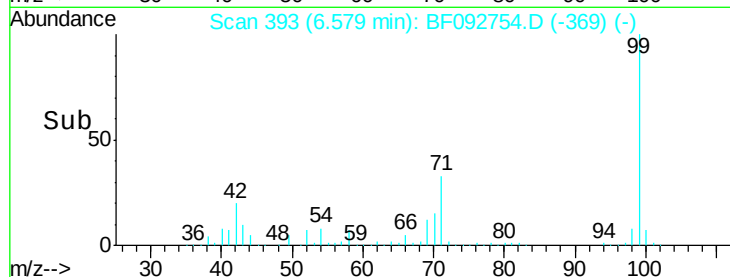
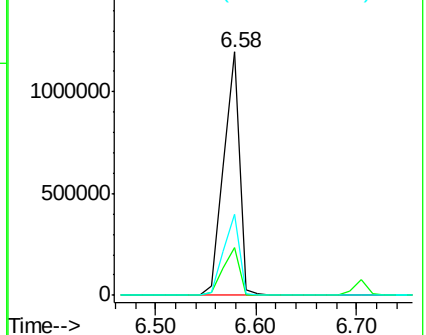
71 33.2 27.5 41.3



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: 5.27 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092754.D

Acq: 3 Feb 2017 00:00

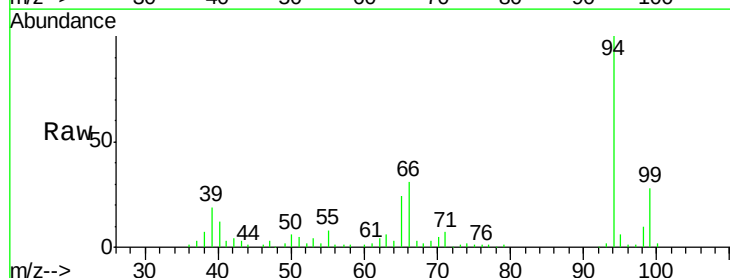
Tgt Ion: 94 Resp: 68591

Ion Ratio Lower Upper

94 100

65 24.4 21.4 61.4

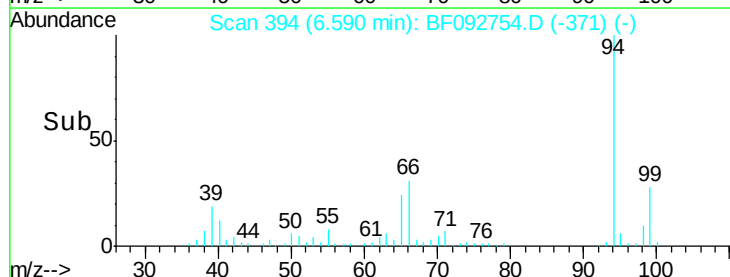
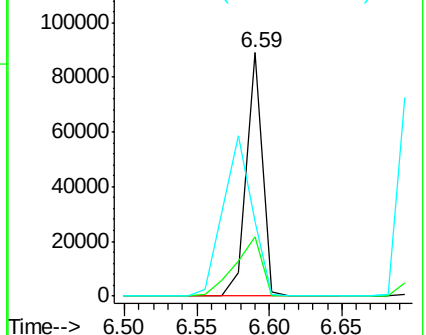
66 30.8 44.0 84.0#

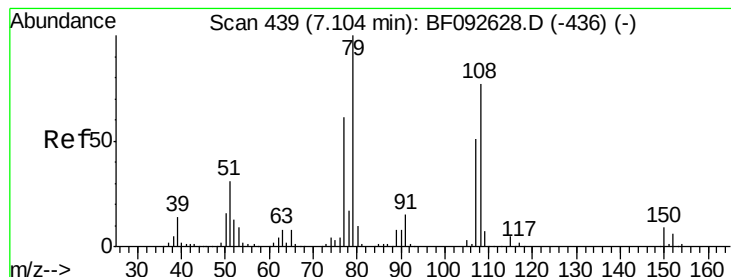


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.13 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF092754.D

Acq: 3 Feb 2017 00:00

Instrument :

BNA_F

ClientSampleId :

SB-36-COMP

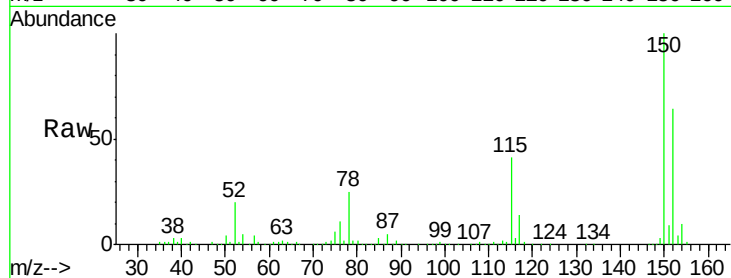
Tgt Ion: 79 Resp: 17539

Ion Ratio Lower Upper

79 100

108 31.0 61.4 92.0#

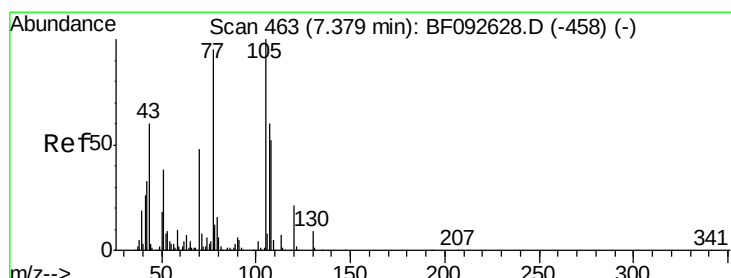
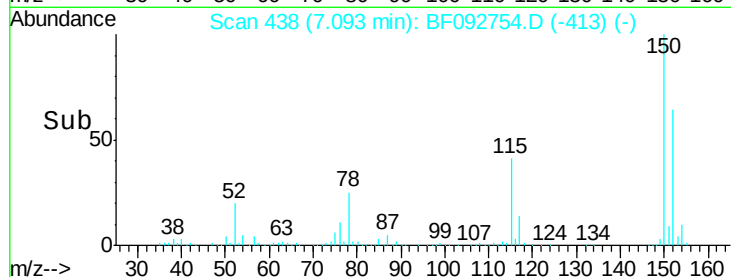
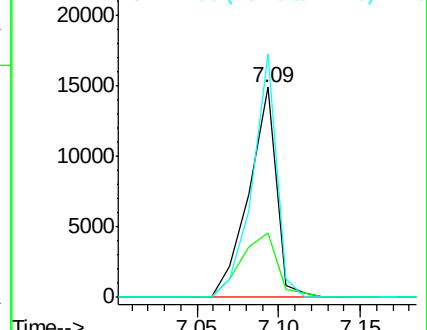
77 116.1 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.96 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.13 min

Lab File: BF092754.D

Acq: 3 Feb 2017 00:00

Tgt Ion: 70 Resp: 113087

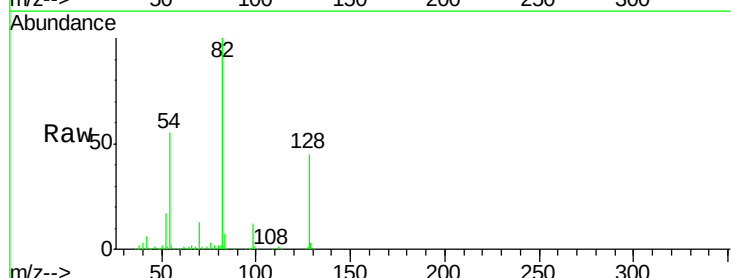
Ion Ratio Lower Upper

70 100

42 47.9 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

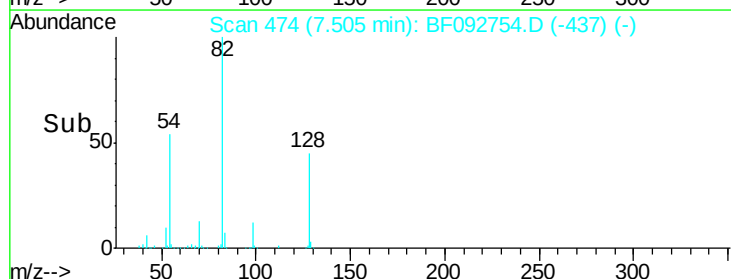
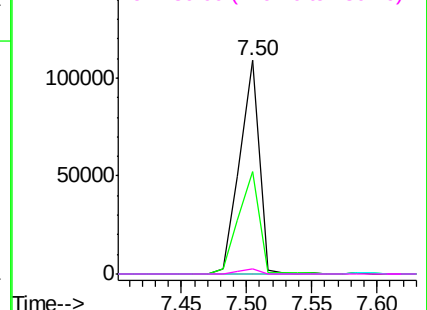


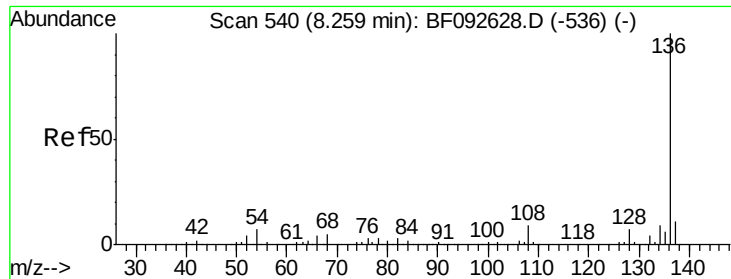
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

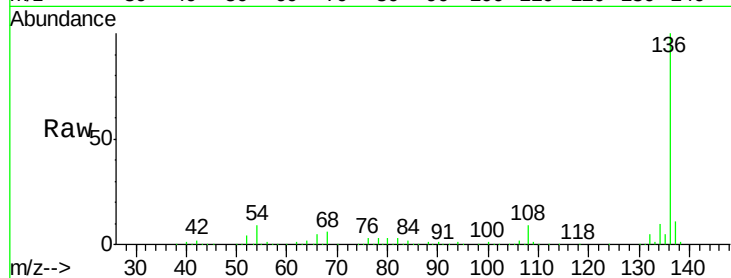




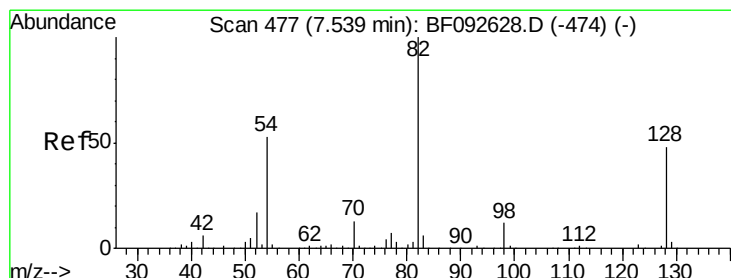
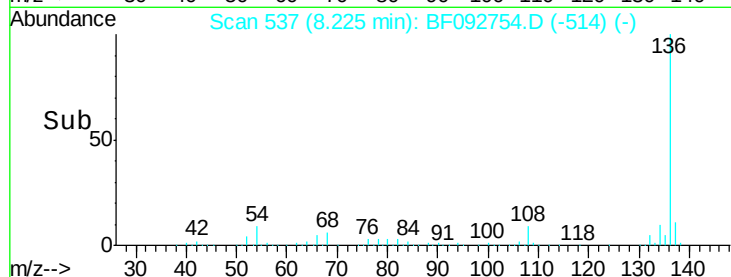
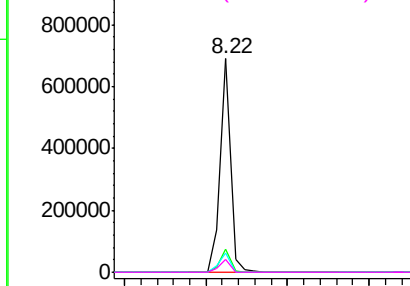
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092754.D
Acq: 3 Feb 2017 00:00

Instrument :
BNA_F
ClientSampleId :
SB-36-COMP

Tgt Ion:	136	Resp:	608781
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.9	4.5	6.7#
68	6.0	3.6	5.4#

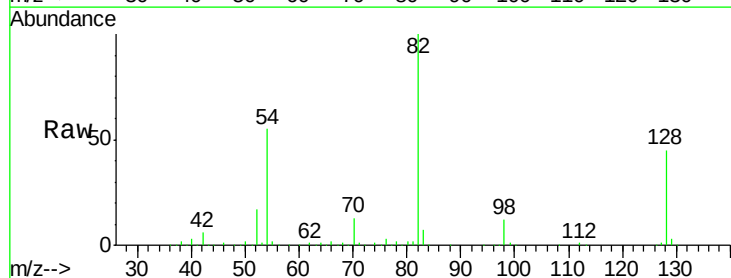


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

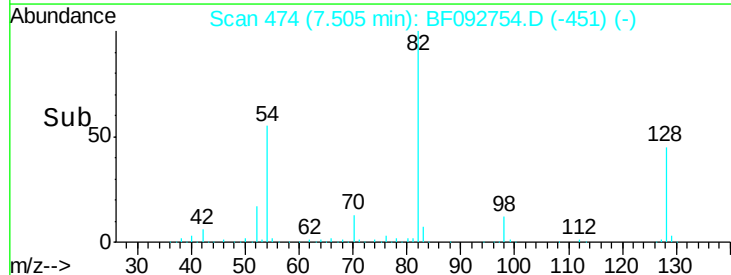
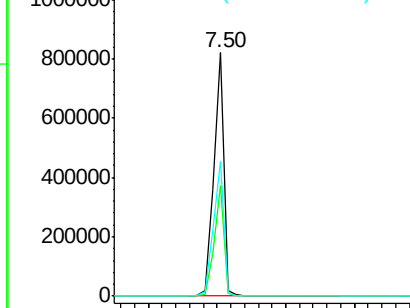


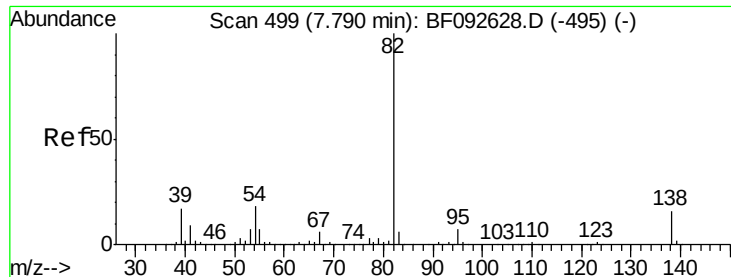
#23
Nitrobenzene-d5
Concen: 77.40 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092754.D
Acq: 3 Feb 2017 00:00

Tgt Ion:	82	Resp:	846117
Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	52.0
54	55.5	39.5	59.3



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





#25

Isophorone

Concen: 40.86 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF092754.D

Acq: 3 Feb 2017 00:00

Instrument :

BNA_F

ClientSampleId :

SB-36-COMP

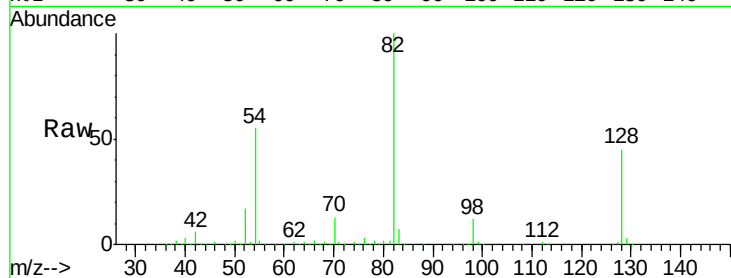
Tgt Ion: 82 Resp: 832272

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

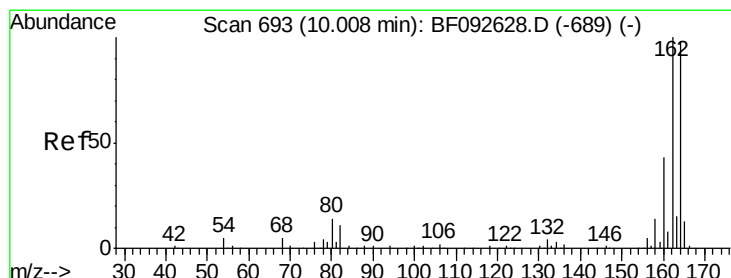
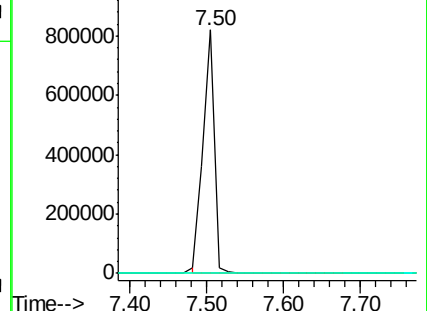
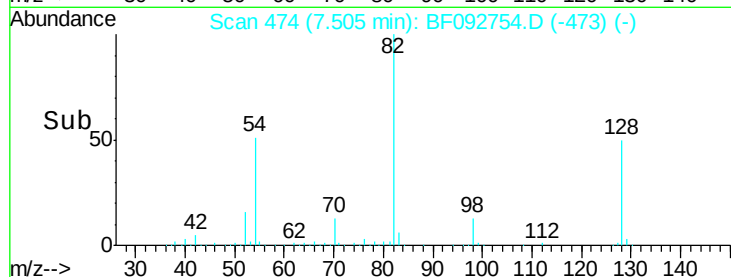
138 0.0 14.6 22.0#



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: BF092754.D

Acq: 3 Feb 2017 00:00

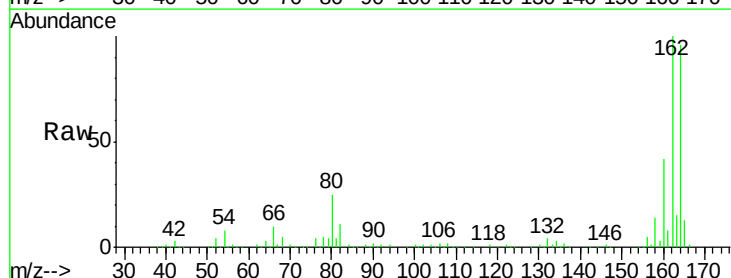
Tgt Ion: 164 Resp: 287625

Ion Ratio Lower Upper

164 100

162 104.5 80.2 120.2

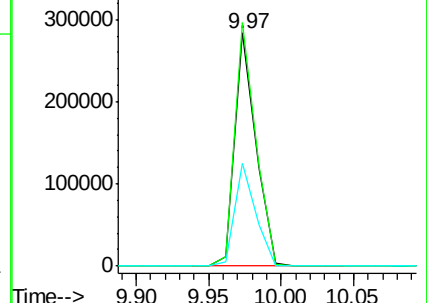
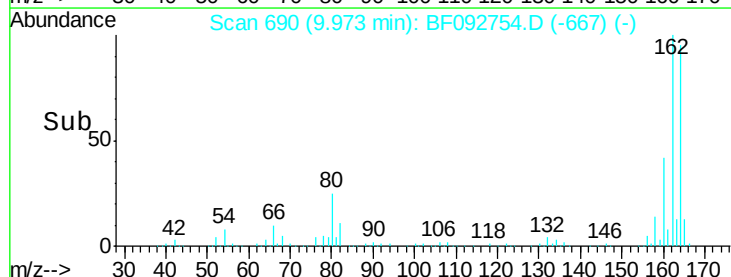
160 44.1 36.9 55.3

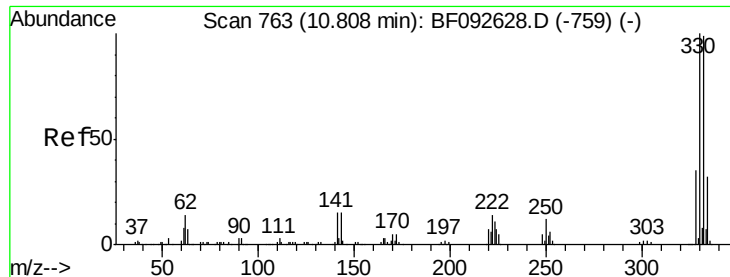


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

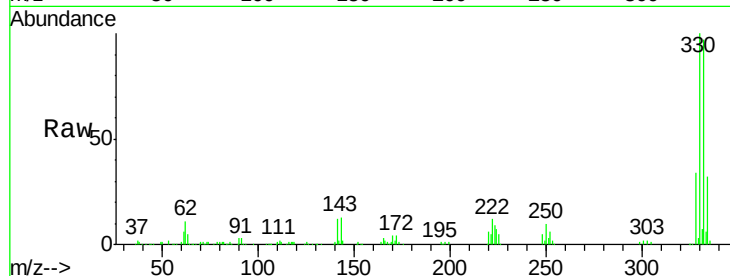




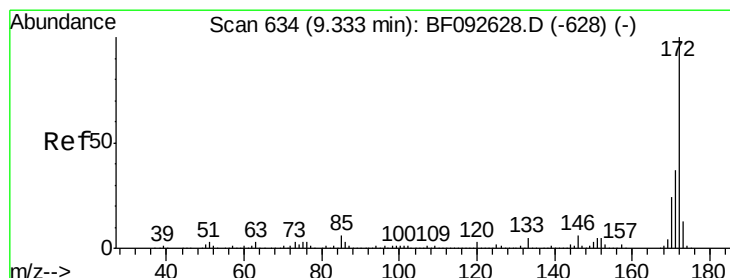
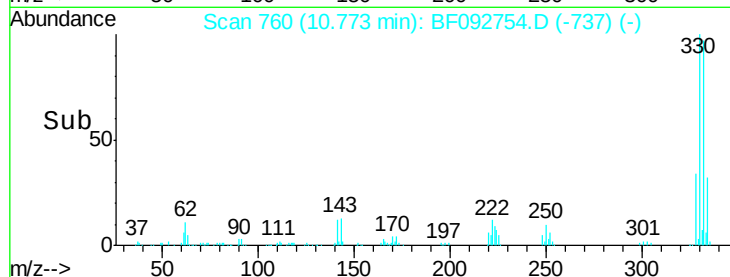
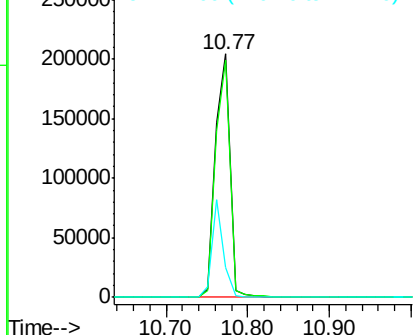
#41
 2,4,6-Tribromophenol
 Concen: 122.50 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092754.D
 Acq: 3 Feb 2017 00:00

Instrument :
 BNA_F
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 SB-36-COMP

Tgt Ion:330 Resp: 254836
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 32.1 34.1 51.1#

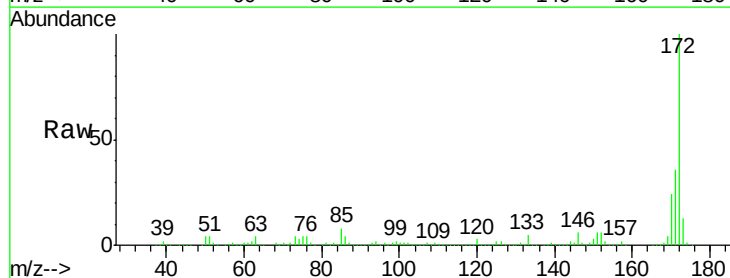


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

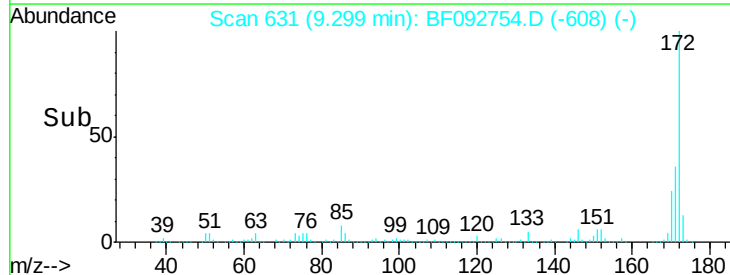
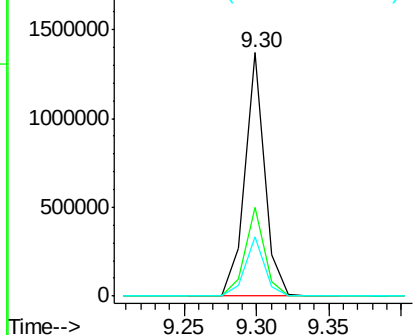


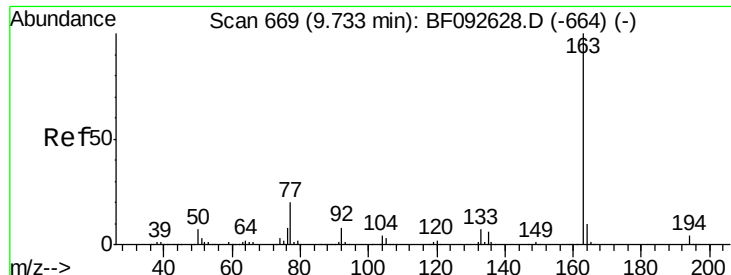
#44
 2-Fluorobiphenyl
 Concen: 82.01 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092754.D
 Acq: 3 Feb 2017 00:00

Tgt Ion:172 Resp: 1302009
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.1 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

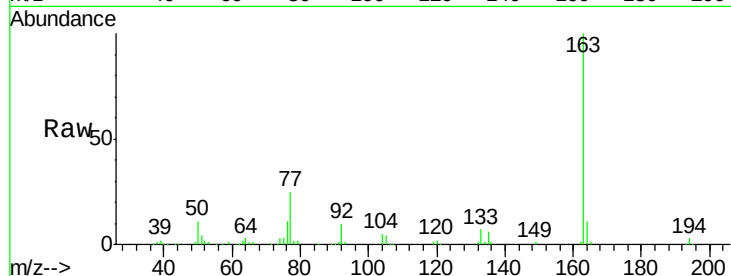




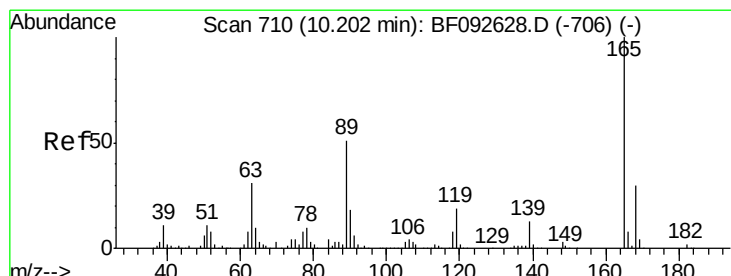
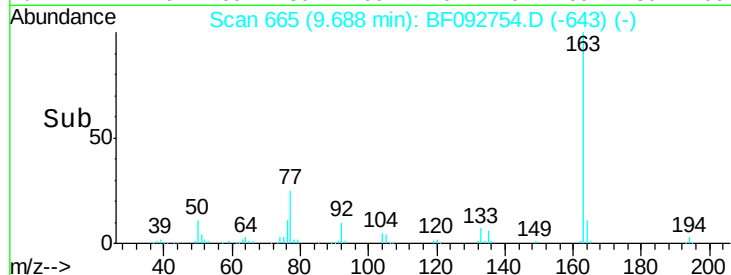
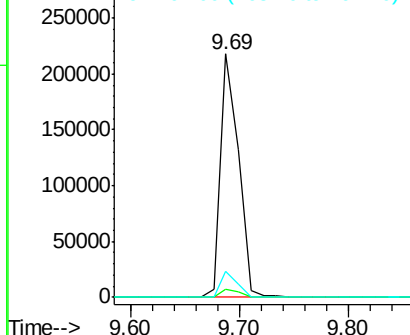
#49
Dimethylphthalate
Concen: 12.98 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092754.D
Acq: 3 Feb 2017 00:00

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 251523
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.9 8.0 12.0

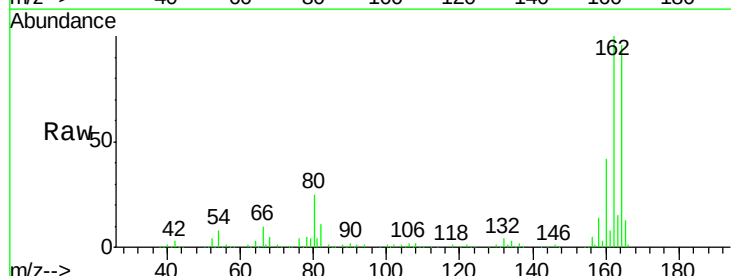


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

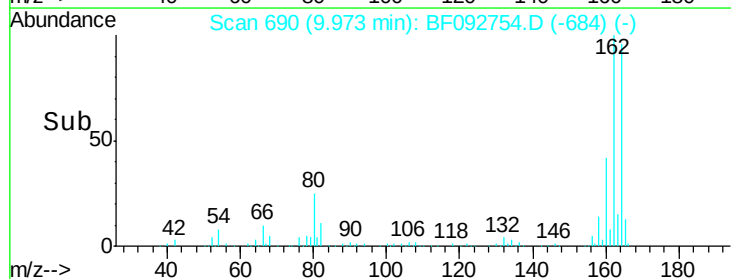
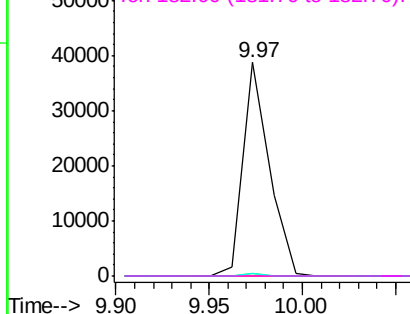


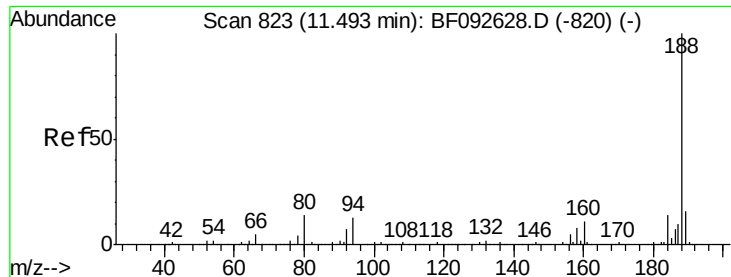
#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.23 min
Lab File: BF092754.D
Acq: 3 Feb 2017 00:00

Tgt Ion:165 Resp: 38076
Ion Ratio Lower Upper
165 100
63 1.1 40.2 60.4#
89 1.3 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

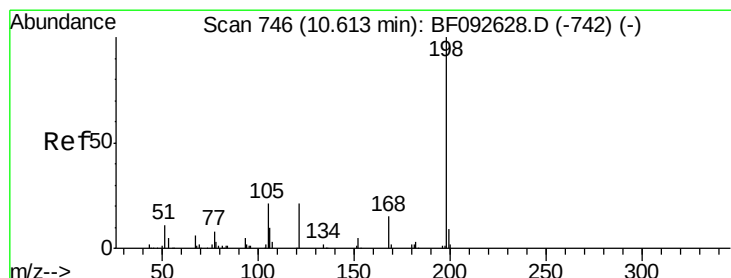
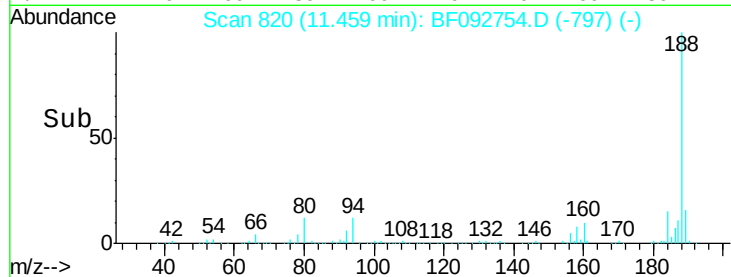
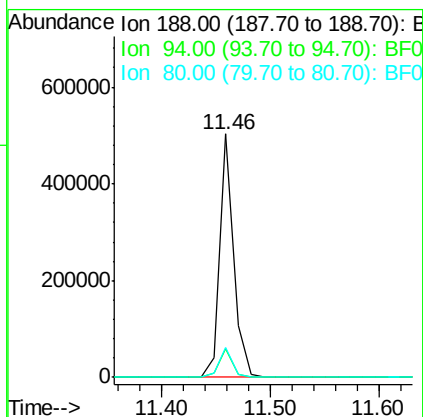
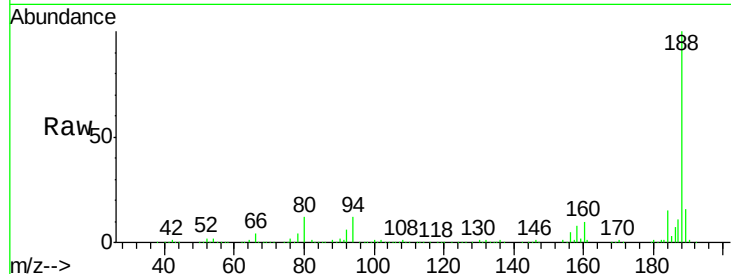




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092754.D
 Acq: 3 Feb 2017 00:00

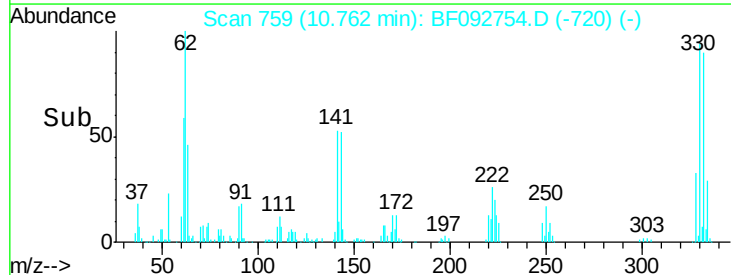
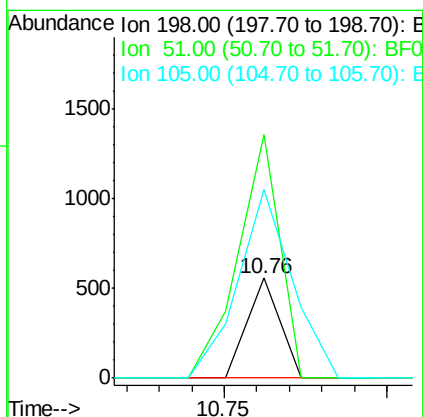
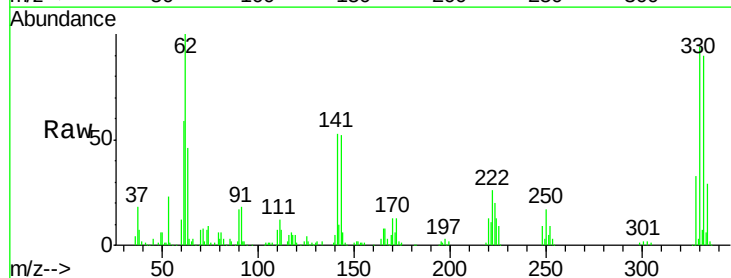
Instrument :
 BNA_F
 ClientSampleId :
 SB-36-COMP

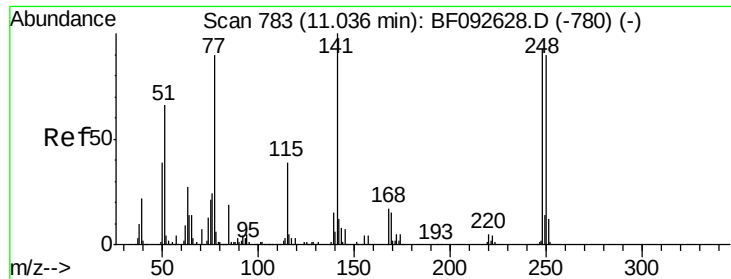
Tgt Ion:188 Resp: 455002
 Ion Ratio Lower Upper
 188 100
 94 11.7 10.0 15.0
 80 12.5 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.80 ng
 RT: 10.76 min Scan# 759
 Delta R.T. 0.15 min
 Lab File: BF092754.D
 Acq: 3 Feb 2017 00:00

Tgt Ion:198 Resp: 382
 Ion Ratio Lower Upper
 198 100
 51 243.3 6.7 46.7#
 105 187.8 16.6 56.6#

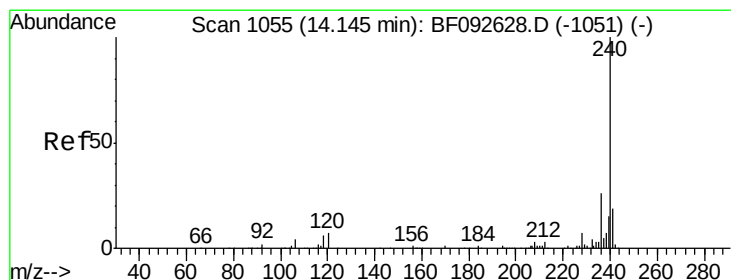
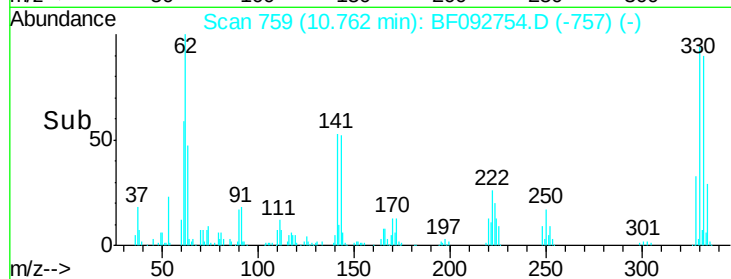
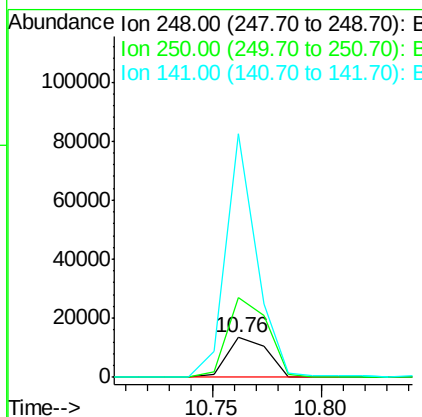
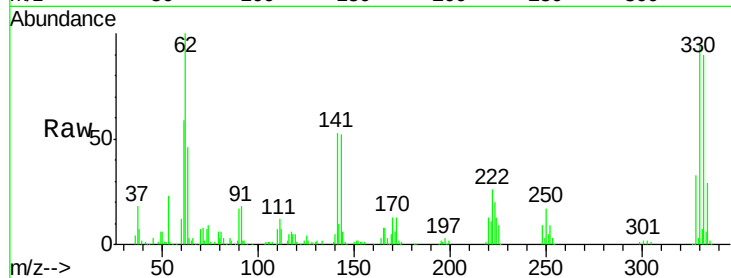




#66
 4-Bromophenyl-phenylether
 Concen: 3.66 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.27 min
 Lab File: BF092754.D
 Acq: 3 Feb 2017 00:00

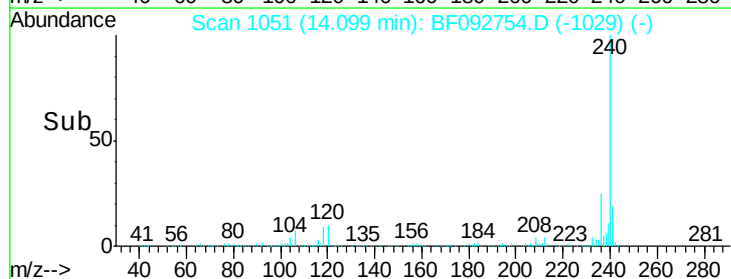
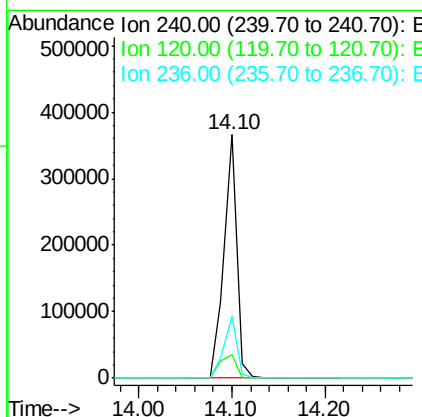
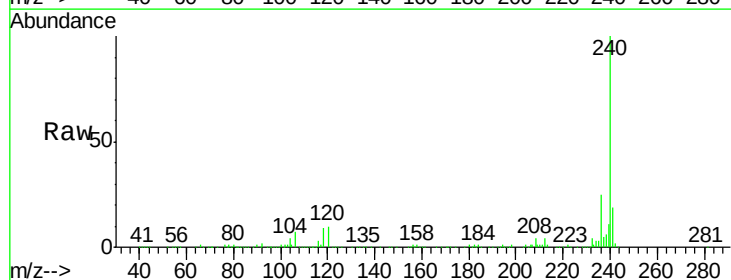
Instrument :
 BNA_F
 ClientSampled :
 SB-36-COMP

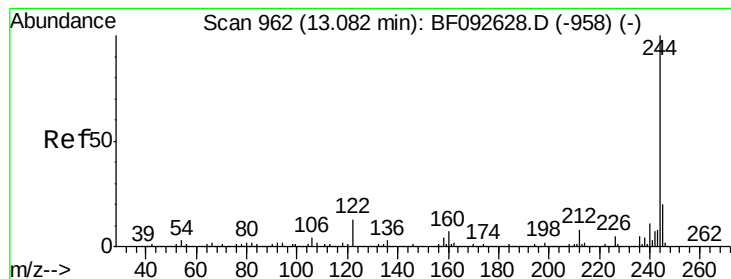
Tgt Ion:248 Resp: 17376
 Ion Ratio Lower Upper
 248 100
 250 201.2 76.9 115.3#
 141 616.7 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.05 min
 Lab File: BF092754.D
 Acq: 3 Feb 2017 00:00

Tgt Ion:240 Resp: 349982
 Ion Ratio Lower Upper
 240 100
 120 9.9 12.9 19.3#
 236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 67.94 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092754.D

Acq: 3 Feb 2017 00:00

Instrument :

BNA_F

ClientSampleId :

SB-36-COMP

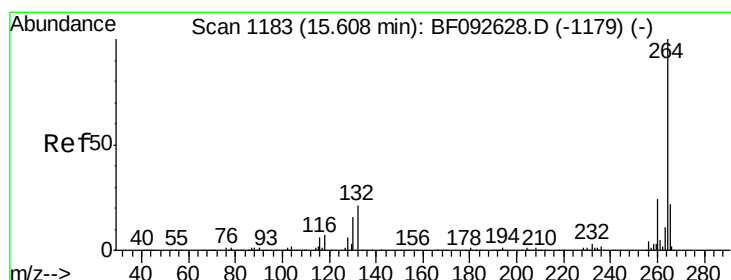
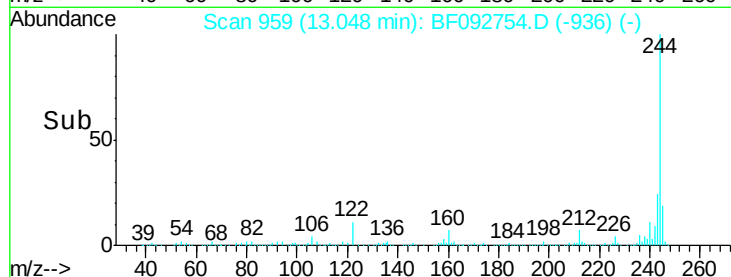
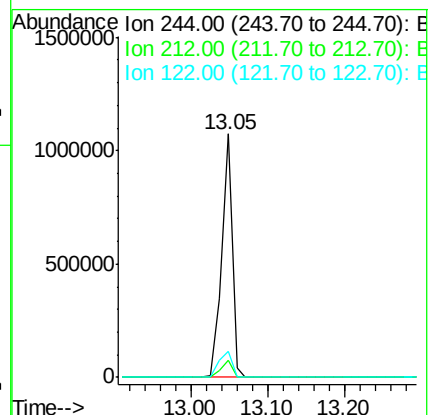
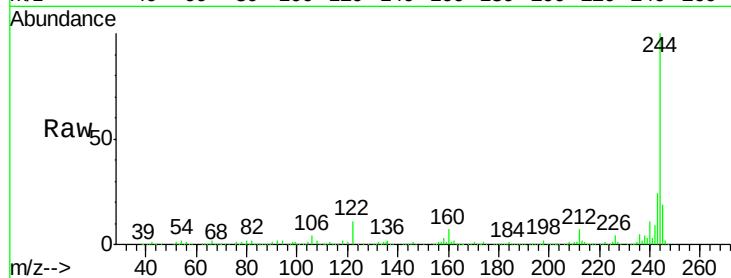
Tgt Ion:244 Resp: 1011986

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 10.7 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: BF092754.D

Acq: 3 Feb 2017 00:00

Tgt Ion:264 Resp: 324276

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 17.4 26.0

