

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092758.D
 Acq On : 3 Feb 2017 1:48
 Operator : SJ/MA
 Sample : I1650-22
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41-COMP

Quant Time: Feb 03 03:39:26 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

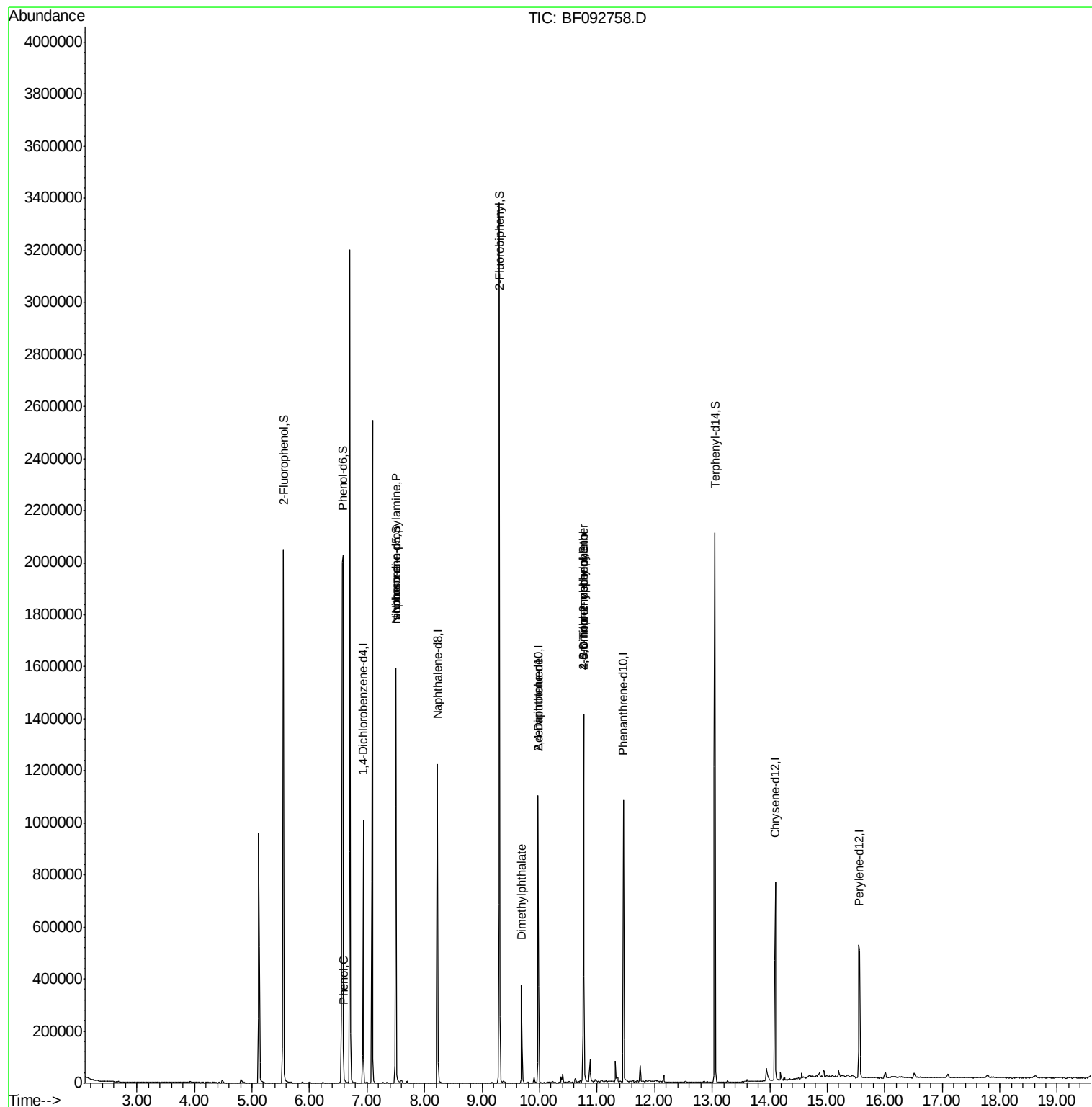
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	141771	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	547192	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	256047	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	381123	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	316856	20.00	ng	-0.05
86) Perylene-d12	15.56	264	296123	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	855227	103.49	ng	-0.02
7) Phenol-d6	6.58	99	1054136	99.14	ng	-0.02
23) Nitrobenzene-d5	7.50	82	658621	67.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.76	330	164649	88.91	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1036735	73.35	ng	-0.03
78) Terphenyl-d14	13.05	244	767902	56.94	ng	-0.03
Target Compounds						
10) Phenol	6.59	94	48558	3.90	ng	# 61
19) n-Nitroso-di-n-propylamine	7.50	70	84054	12.42	ng	# 75
25) Isophorone	7.50	82	643182	35.13	ng	# 65
49) Dimethylphthalate	9.69	163	178432	10.35	ng	# 98
56) 2,4-Dinitrotoluene	9.97	165	33896	6.84	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.76	198	302	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	11811	2.97	ng	# 1

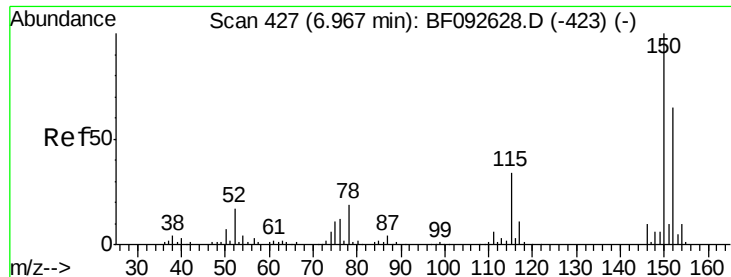
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092758.D

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SB-41-COMP

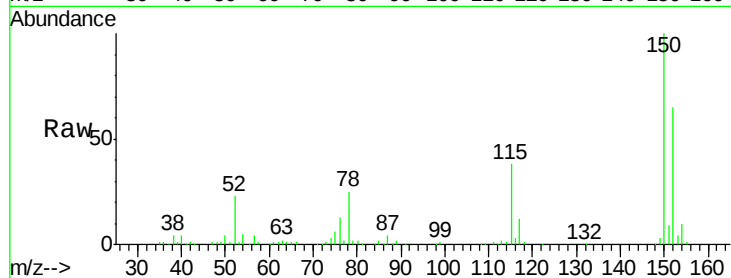
Tgt Ion:152 Resp: 141771

Ion Ratio Lower Upper

152 100

150 152.9 124.9 187.3

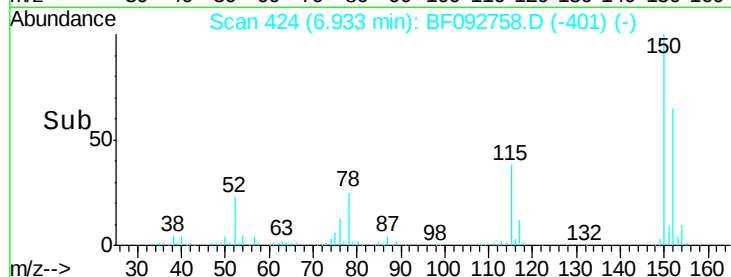
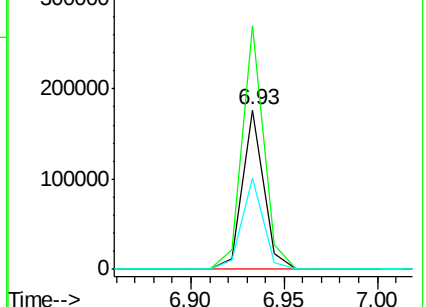
115 57.6 46.0 69.0



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: 103.49 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092758.D

Acq: 3 Feb 2017 1:48

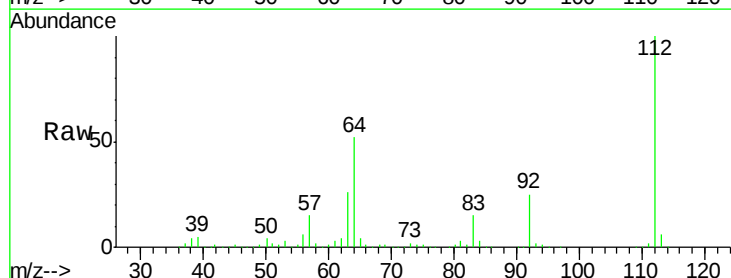
Tgt Ion:112 Resp: 855227

Ion Ratio Lower Upper

112 100

64 52.1 46.1 69.1

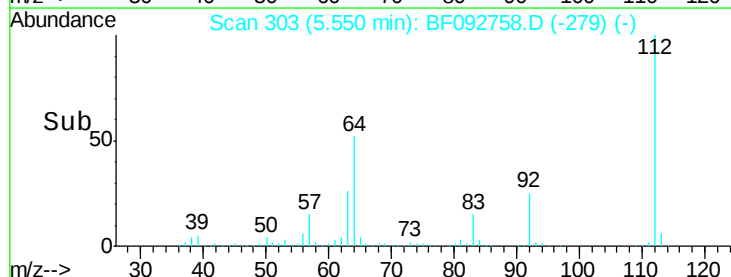
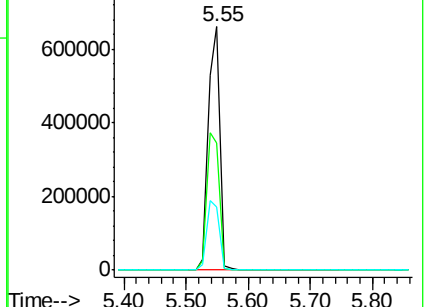
63 25.7 23.8 35.6



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: 99.14 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092758.D

Acq: 3 Feb 2017 1:48

Instrument :

BNA_F

ClientSampleId :

SB-41-COMP

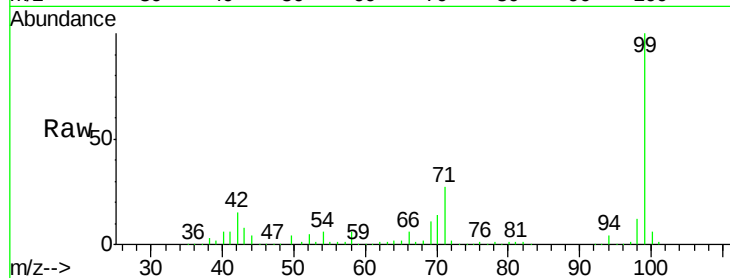
Tgt Ion: 99 Resp: 1054136

Ion Ratio Lower Upper

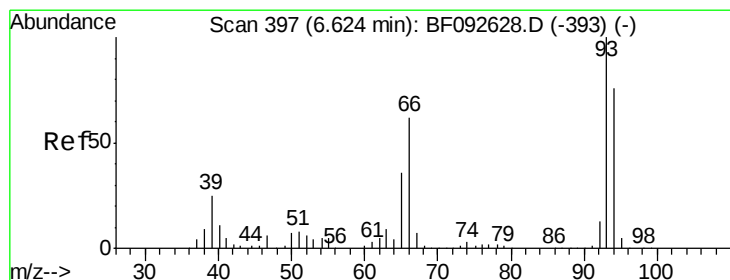
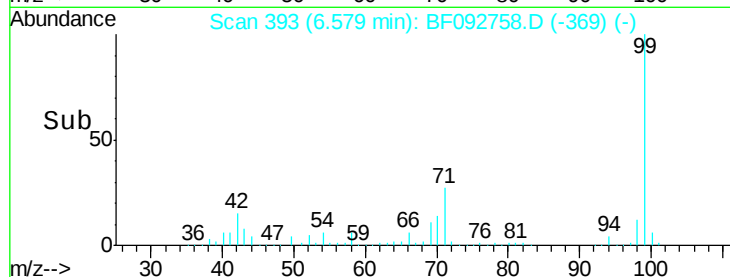
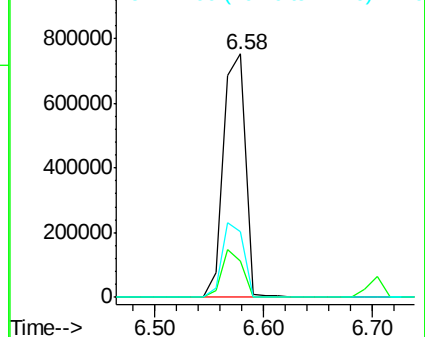
99 100

42 14.8 15.6 23.4#

71 27.2 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: 3.90 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092758.D

Acq: 3 Feb 2017 1:48

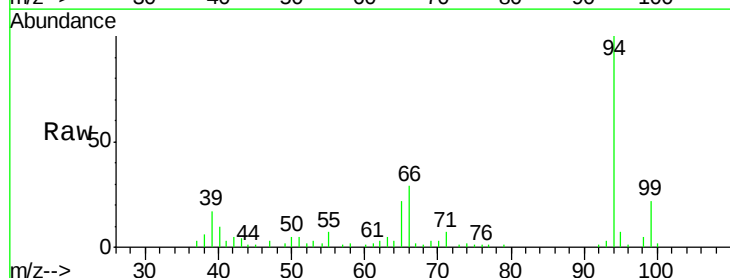
Tgt Ion: 94 Resp: 48558

Ion Ratio Lower Upper

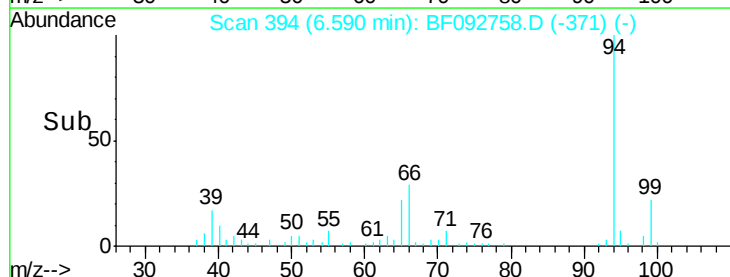
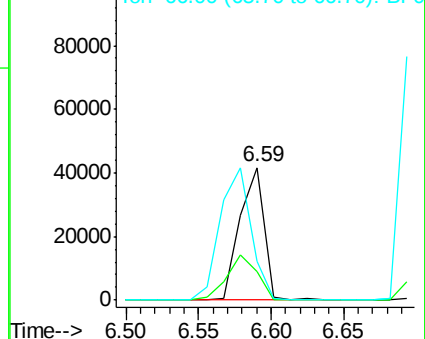
94 100

65 21.9 21.4 61.4

66 29.3 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

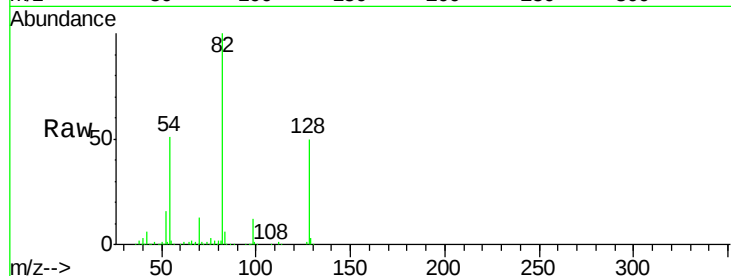




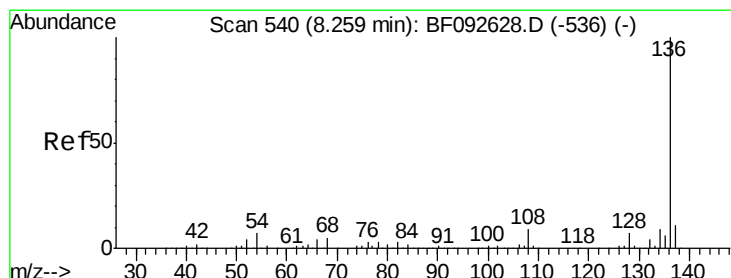
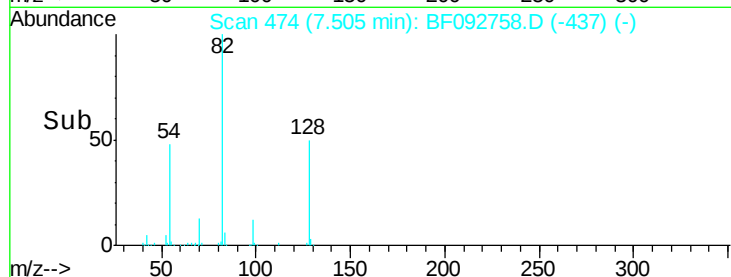
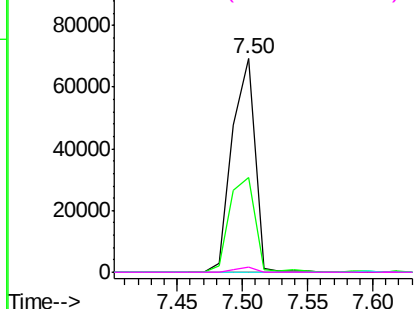
#19
n-Nitroso-di-n-propylamine
Concen: 12.42 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.13 min
Lab File: BF092758.D
Acq: 3 Feb 2017 1:48

Instrument :
BNA_F
ClientSampleId :
SB-41-COMP

Tgt Ion: 70 Resp: 84054
Ion Ratio Lower Upper
70 100
42 44.5 49.4 74.0#
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#

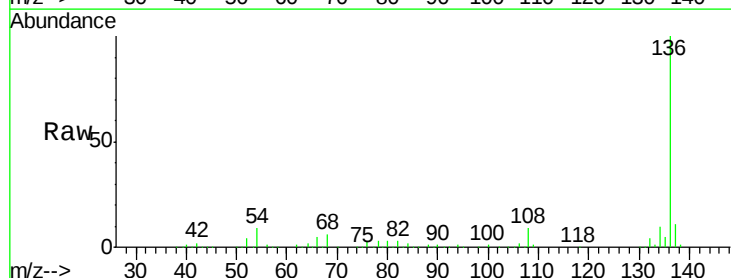


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

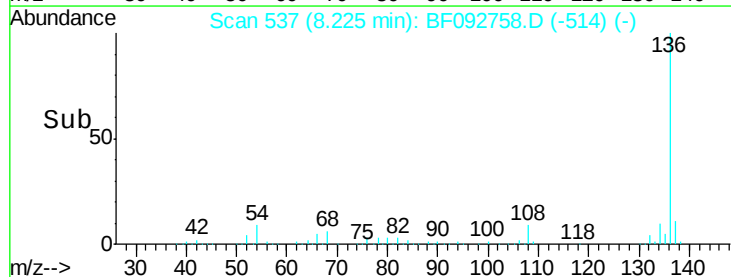
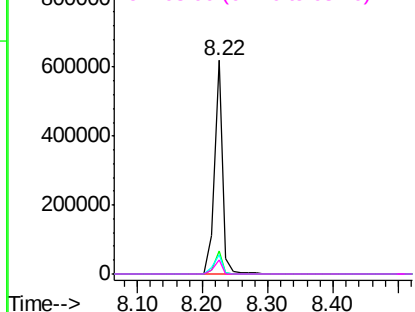


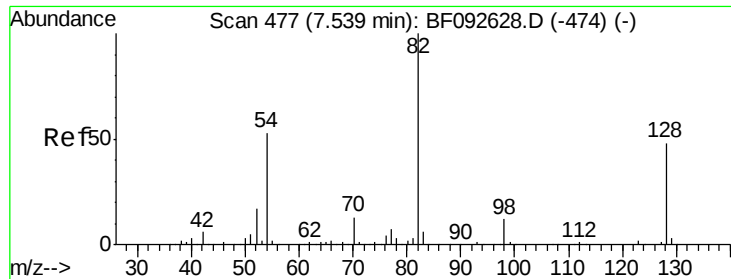
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092758.D
Acq: 3 Feb 2017 1:48

Tgt Ion: 136 Resp: 547192
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.0 4.5 6.7#
68 6.4 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

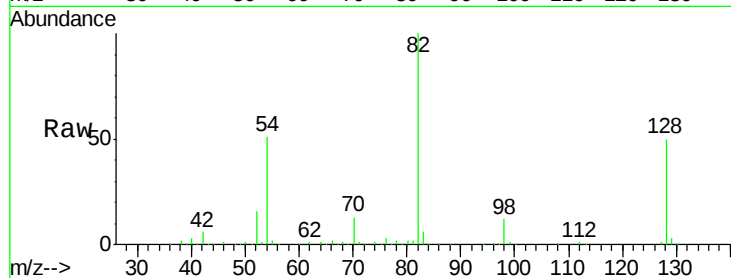




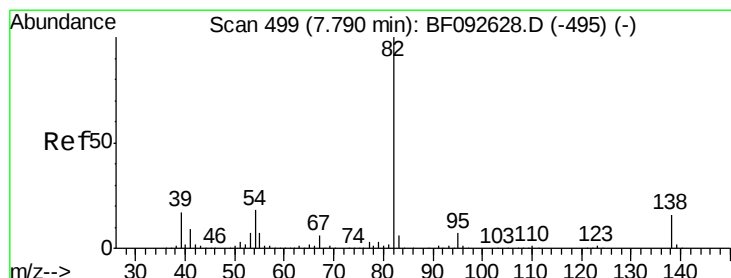
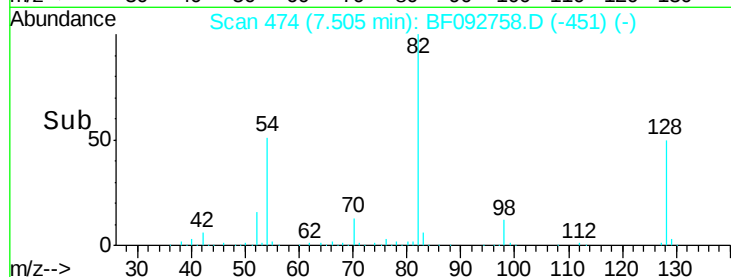
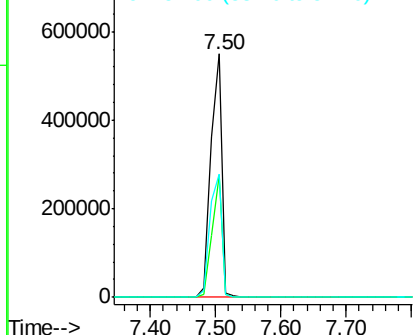
#23
Nitrobenzene-d5
Concen: 67.03 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092758.D
Acq: 3 Feb 2017 1:48

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ClientSampleId :
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Tgt Ion: 82 Resp: 658621
Ion Ratio Lower Upper
82 100
128 50.0 34.6 52.0
54 50.6 39.5 59.3

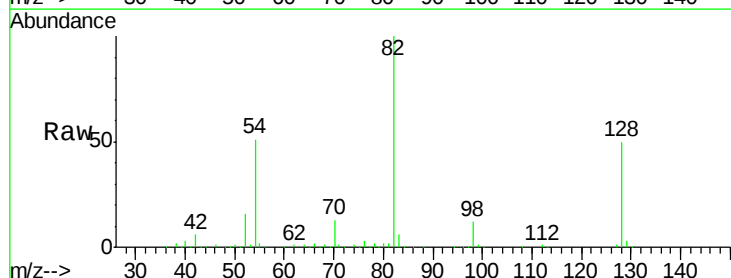


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

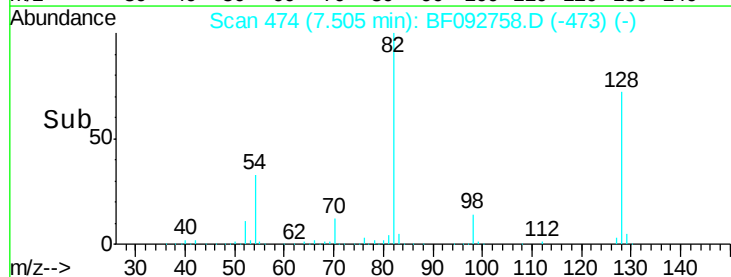
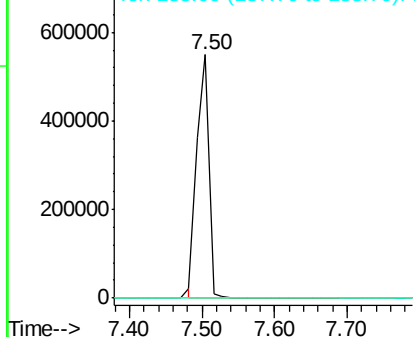


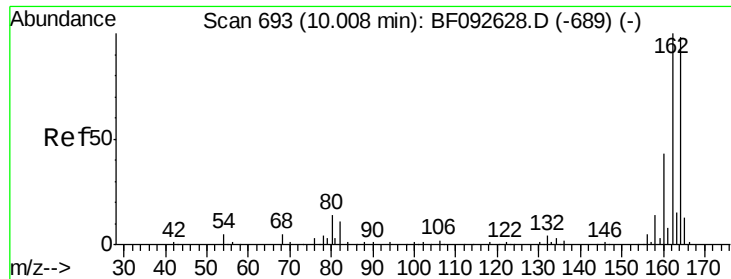
#25
Isophorone
Concen: 35.13 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF092758.D
Acq: 3 Feb 2017 1:48

Tgt Ion: 82 Resp: 643182
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: BF092758.D

Acq: 3 Feb 2017 1:48

Instrument :

BNA_F

ClientSampleId :

SB-41-COMP

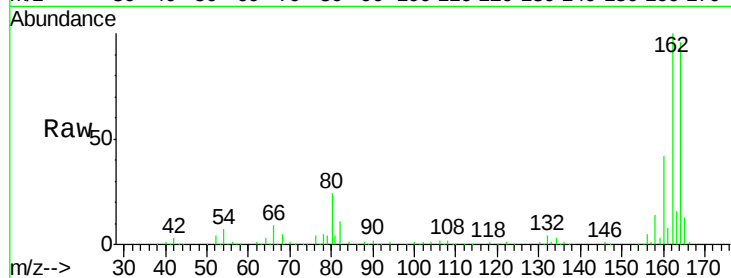
Tgt Ion:164 Resp: 256047

Ion Ratio Lower Upper

164 100

162 103.7 80.2 120.2

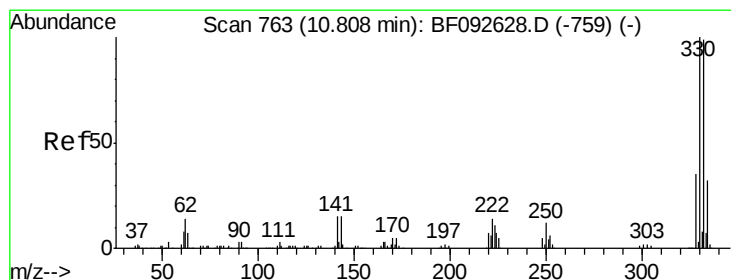
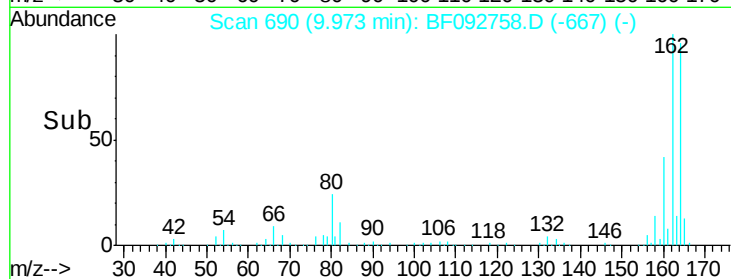
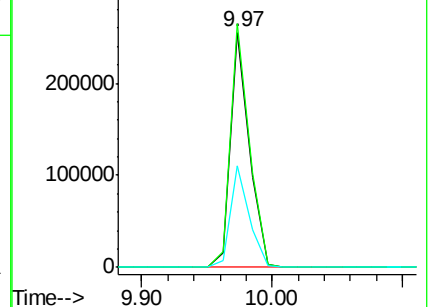
160 43.3 36.9 55.3



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: 88.91 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF092758.D

Acq: 3 Feb 2017 1:48

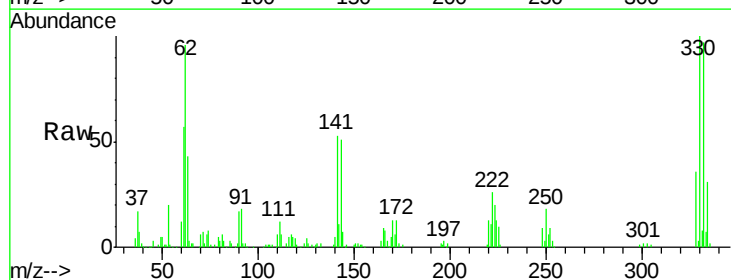
Tgt Ion:330 Resp: 164649

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

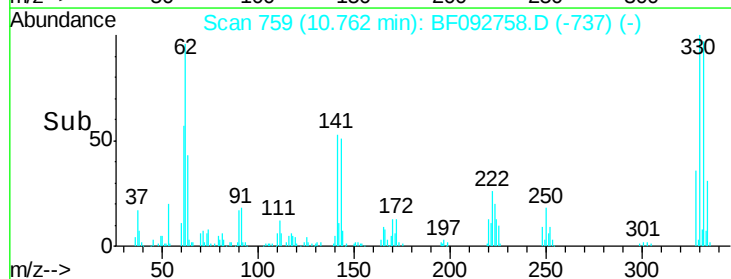
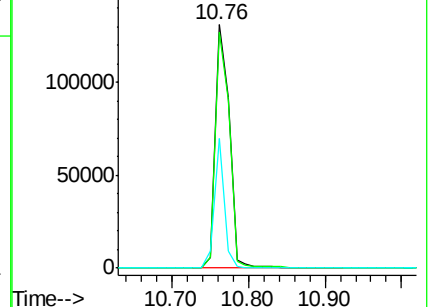
141 37.7 34.1 51.1



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

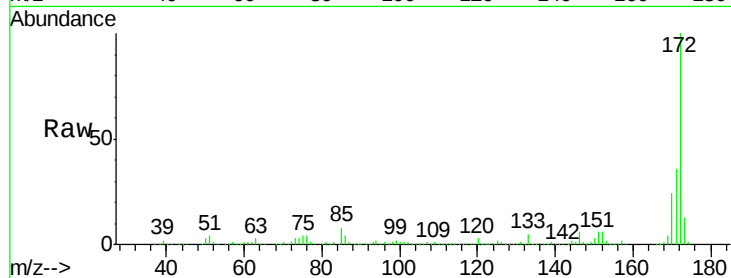




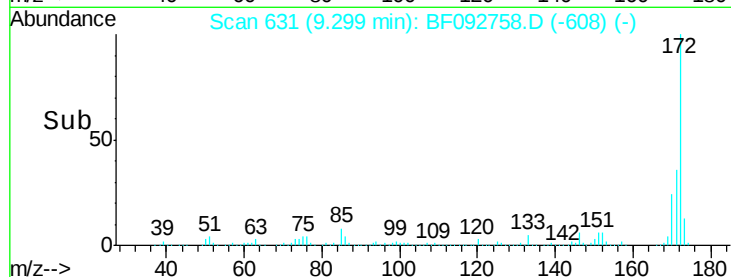
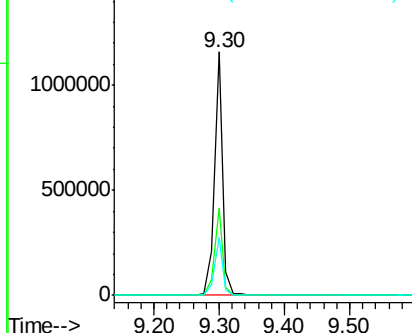
#44
 2-Fluorobiphenyl
 Concen: 73.35 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092758.D
 Acq: 3 Feb 2017 1:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-41-COMP

Tgt Ion:172 Resp: 1036735
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.0 20.2 30.4

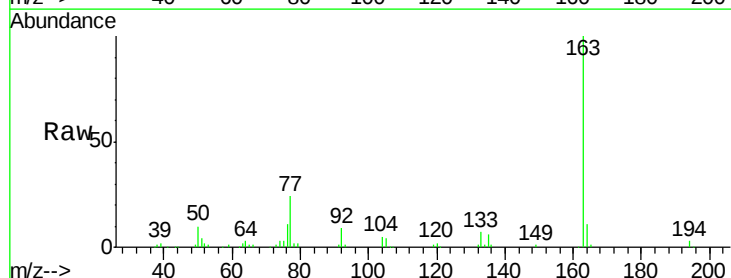


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

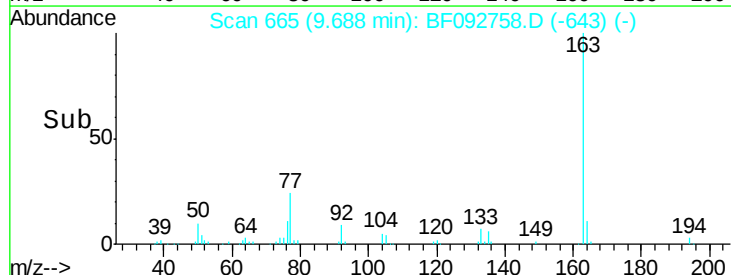
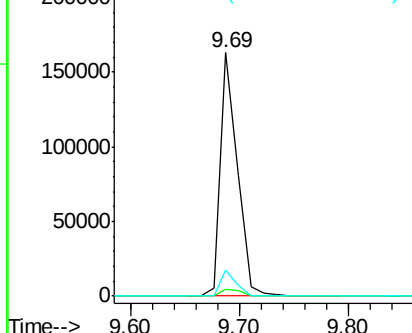


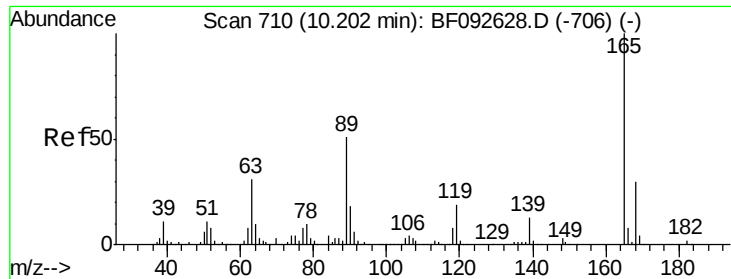
#49
 Dimethylphthalate
 Concen: 10.35 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF092758.D
 Acq: 3 Feb 2017 1:48

Tgt Ion:163 Resp: 178432
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 10.6 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

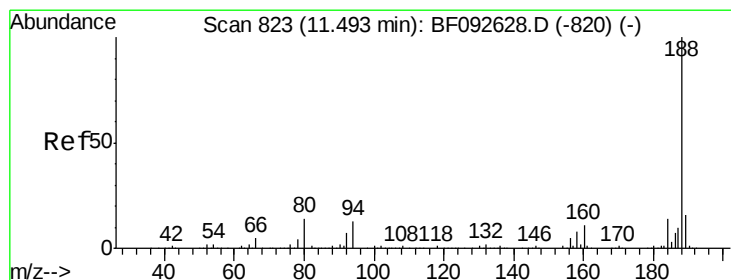
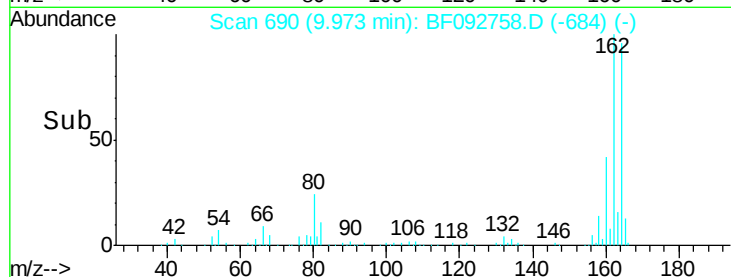
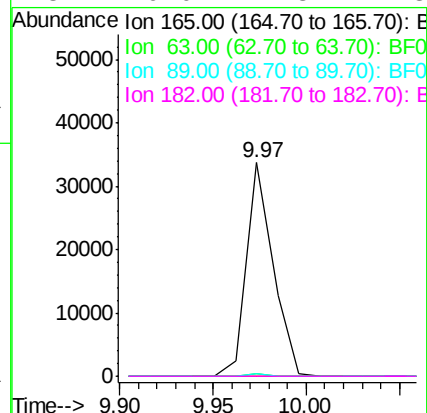
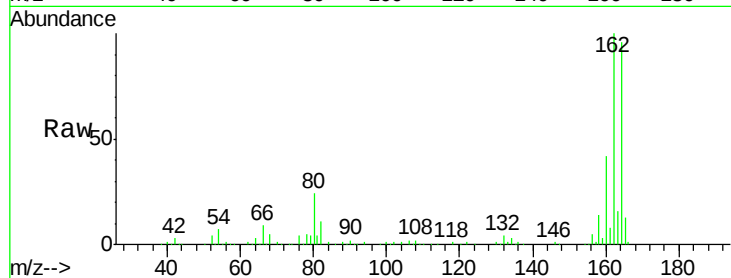




#56
 2,4-Dinitrotoluene
 Concen: 6.84 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092758.D
 Acq: 3 Feb 2017 1:48

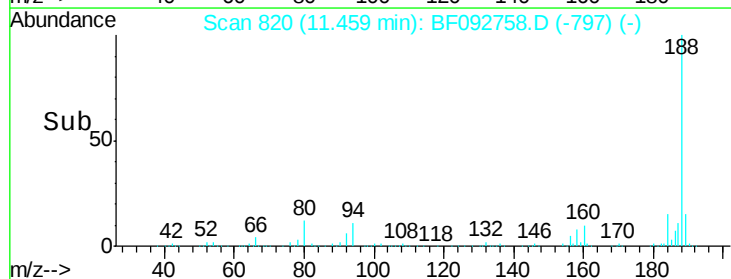
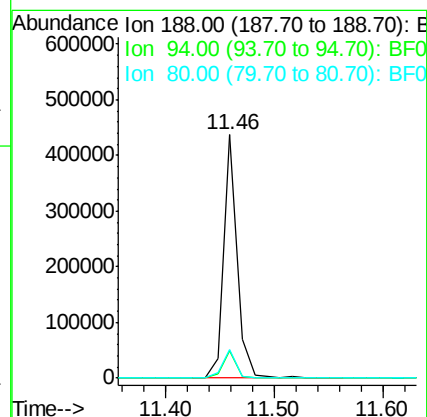
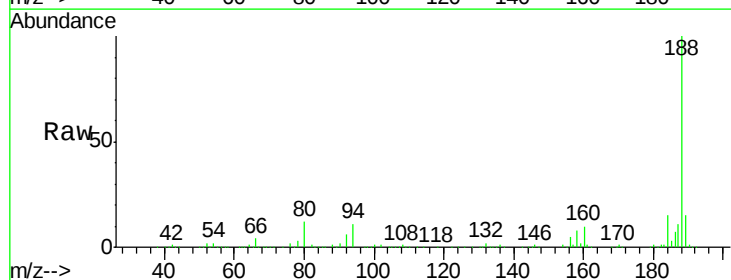
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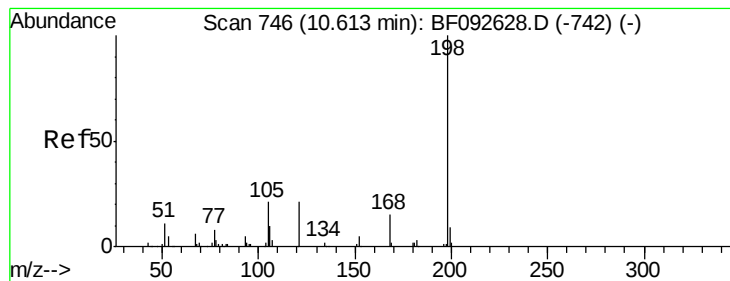
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF092758.D
 Acq: 3 Feb 2017 1:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.0	15.0
80	11.7	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: BF092758.D

Acq: 3 Feb 2017 1:48

Instrument :

BNA_F

ClientSampleId :

SB-41-COMP

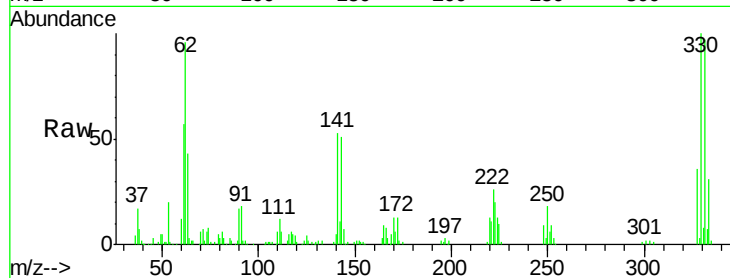
Tgt Ion:198 Resp: 302

Ion Ratio Lower Upper

198 100

51 251.1 6.7 46.7#

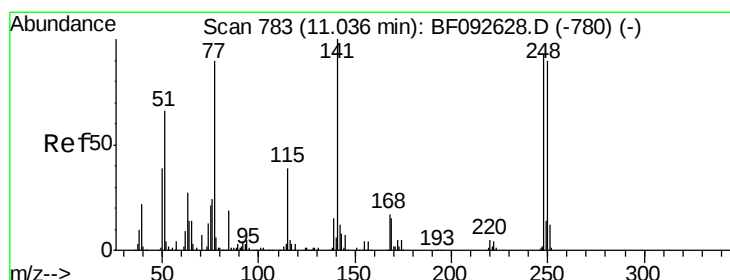
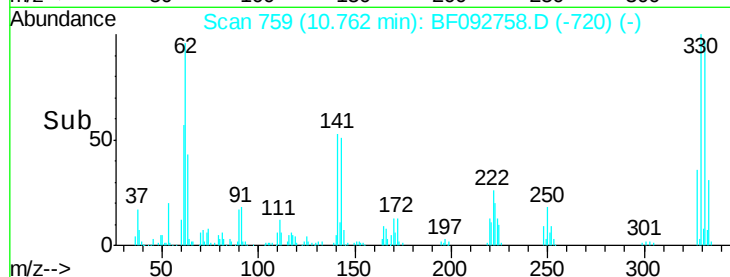
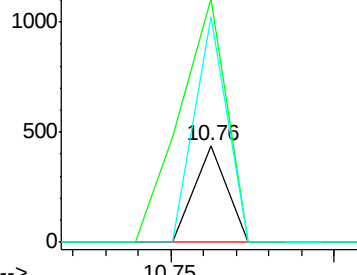
105 233.0 16.6 56.6#



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: 2.97 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF092758.D

Acq: 3 Feb 2017 1:48

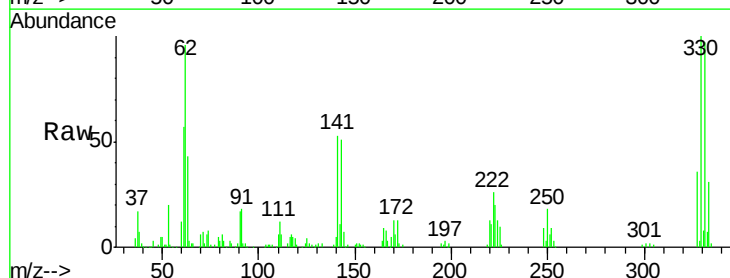
Tgt Ion:248 Resp: 11811

Ion Ratio Lower Upper

248 100

250 196.2 76.9 115.3#

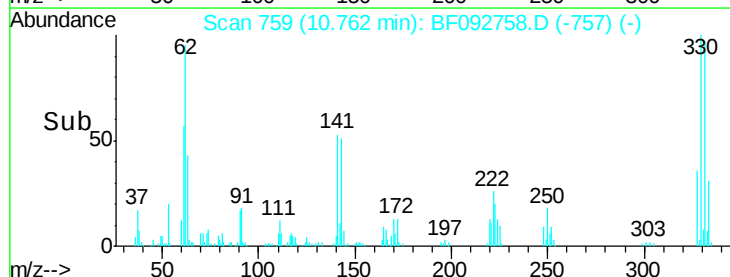
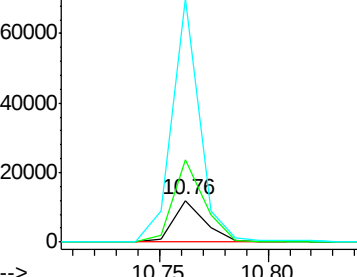
141 582.5 68.2 102.4#

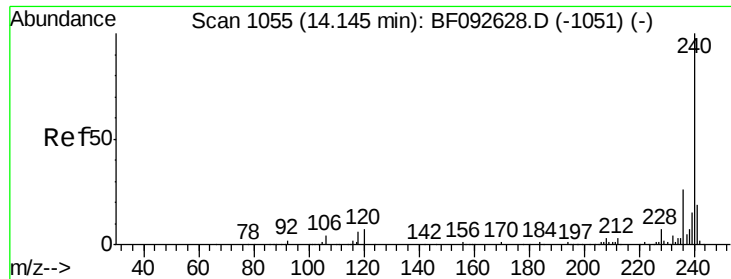


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092758.D

Acq: 3 Feb 2017 1:48

Instrument :

BNA_F

ClientSampleId :

SB-41-COMP

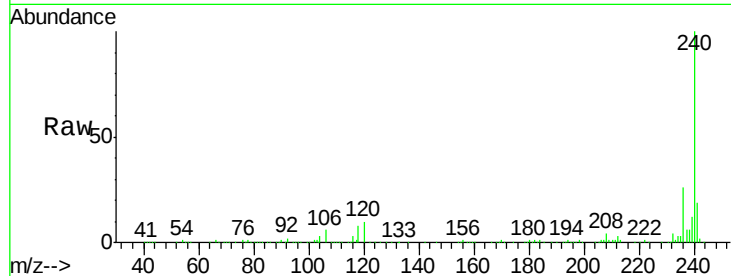
Tgt Ion:240 Resp: 316856

Ion Ratio Lower Upper

240 100

120 9.6 12.9 19.3#

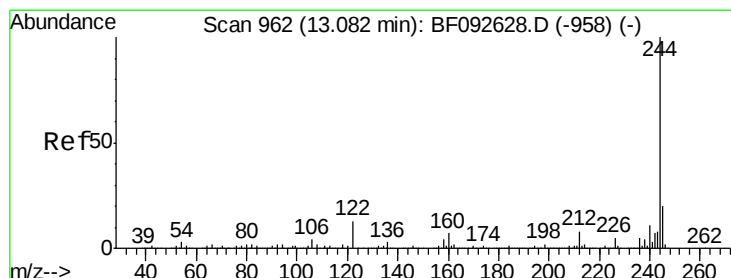
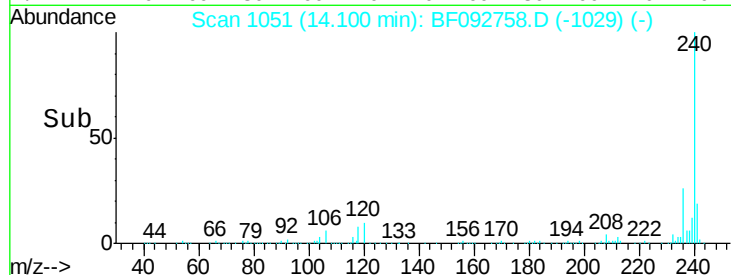
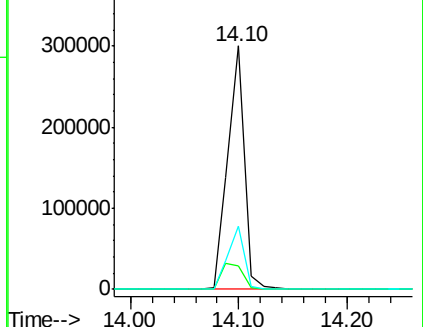
236 25.9 20.9 31.3



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: 56.94 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092758.D

Acq: 3 Feb 2017 1:48

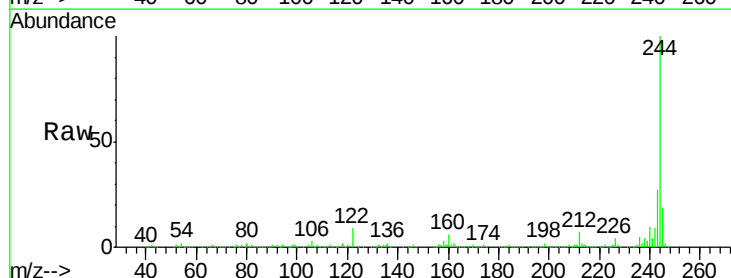
Tgt Ion:244 Resp: 767902

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

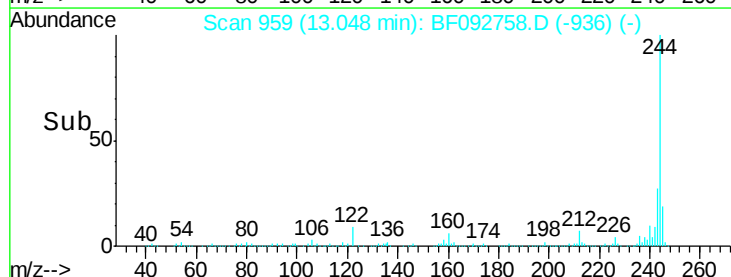
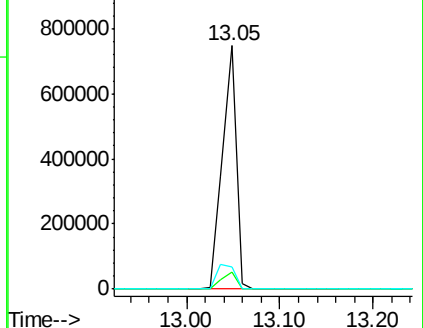
122 9.3 11.4 17.2#

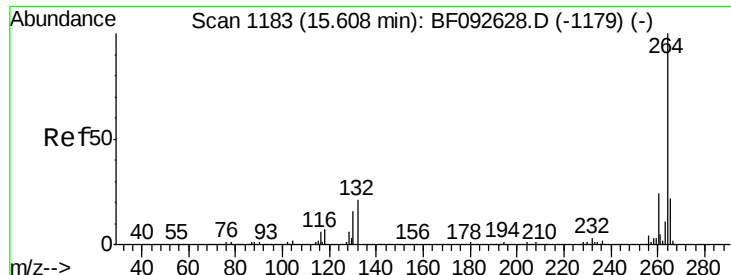


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF092758.D
Acq: 3 Feb 2017 1:48

Instrument :
BNA_F
ClientSampleId :
SB-41-COMP

Tgt Ion: 264 Resp: 296123
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 20.0 17.4 26.0

