

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092756.D
 Acq On : 3 Feb 2017 00:54
 Operator : SJ/MA
 Sample : I1650-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-COMP

Quant Time: Feb 03 03:38:50 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

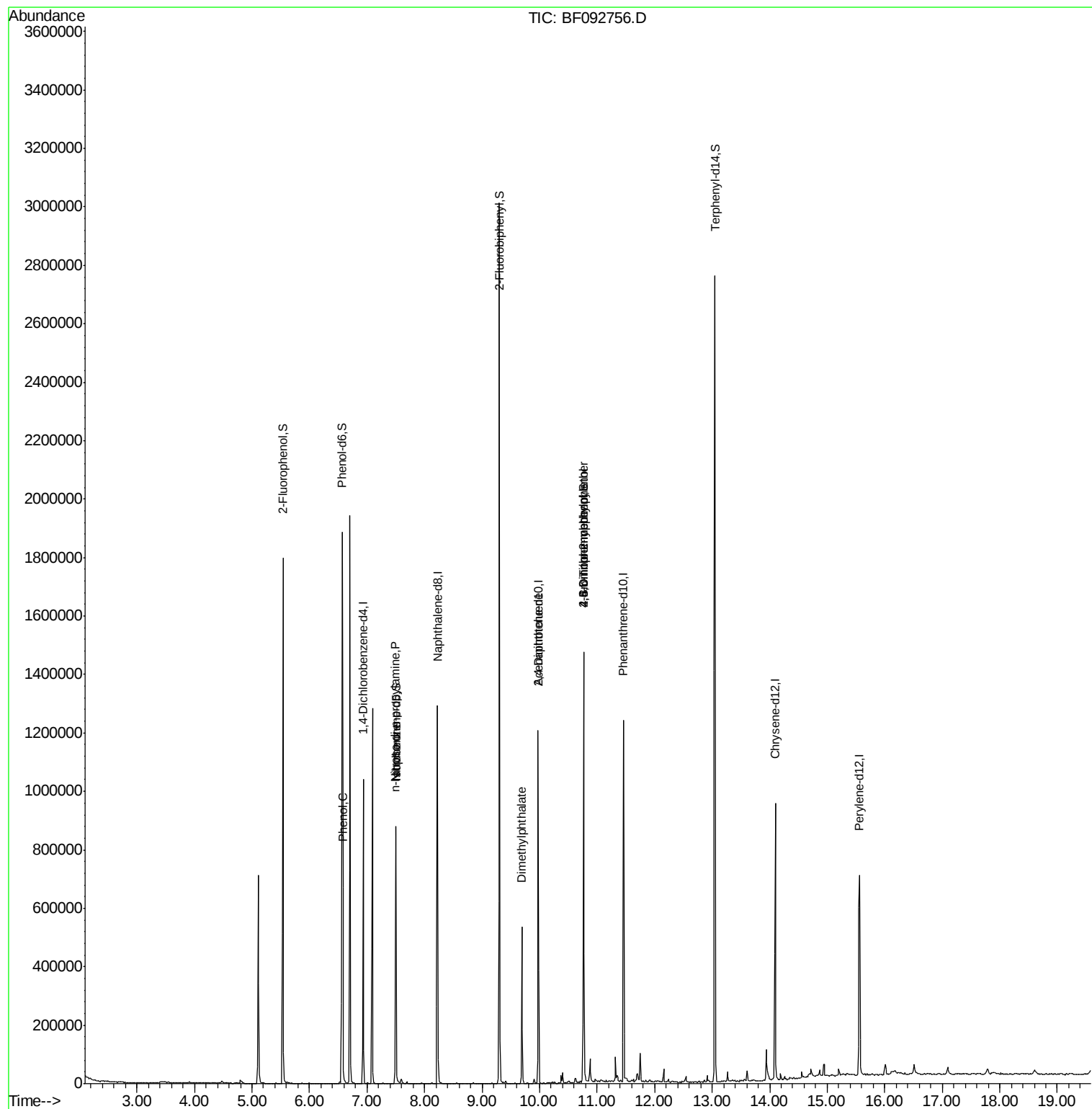
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	146545	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	574660	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	277150	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	431748	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	363720	20.00	ng	-0.05
86) Perylene-d12	15.56	264	355465	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	474570	55.56	ng	-0.03
7) Phenol-d6	6.57	99	676552	61.56	ng	-0.03
23) Nitrobenzene-d5	7.50	82	428163	41.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.76	330	177227	88.41	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	908243	59.37	ng	-0.03
78) Terphenyl-d14	13.05	244	976315	63.07	ng	-0.03
Target Compounds						
10) Phenol	6.58	94	29812	2.32	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.49	70	53725	7.68	ng	# 84
25) Isophorone	7.50	82	418606	21.77	ng	# 65
49) Dimethylphthalate	9.69	163	246903	13.23	ng	98
56) 2,4-Dinitrotoluene	9.97	165	35648	6.64	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.76	198	276	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	12253	2.72	ng	# 1

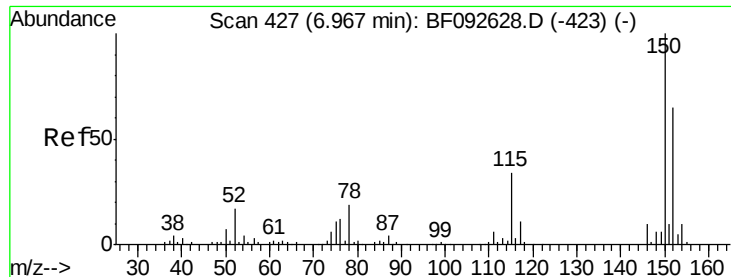
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092756.D

Acq: 3 Feb 2017 00:54

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

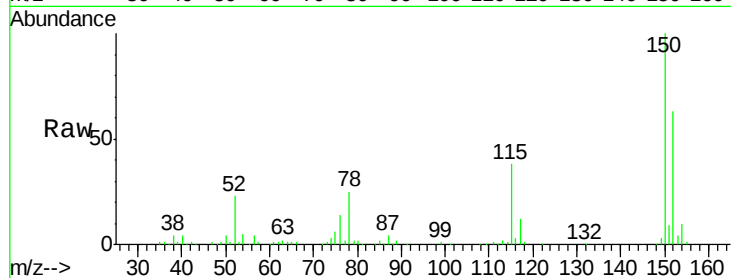
Tgt Ion:152 Resp: 146545

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

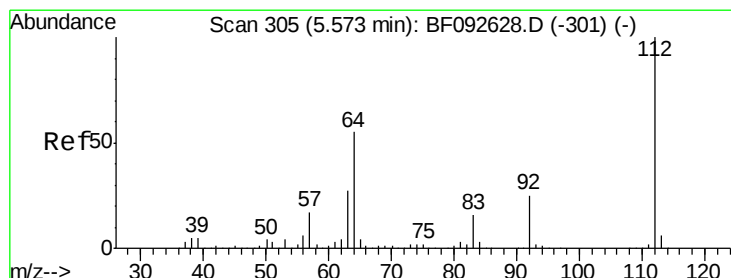
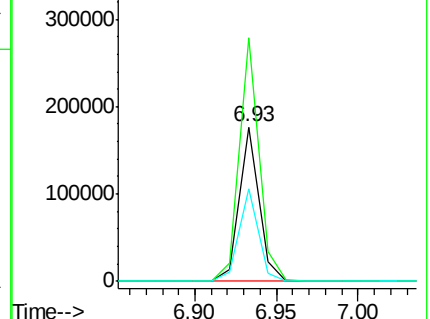
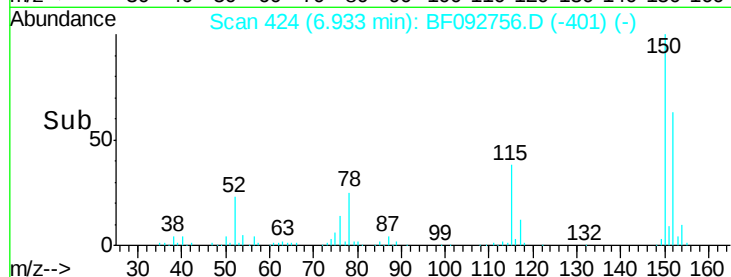
115 59.8 46.0 69.0



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: 55.56 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092756.D

Acq: 3 Feb 2017 00:54

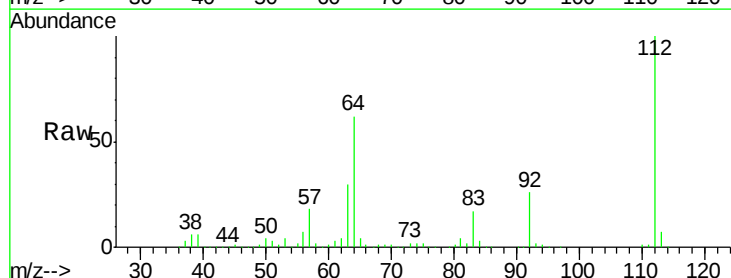
Tgt Ion:112 Resp: 474570

Ion Ratio Lower Upper

112 100

64 61.5 46.1 69.1

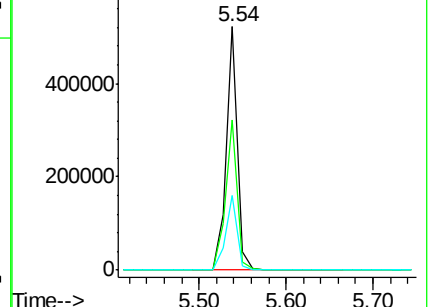
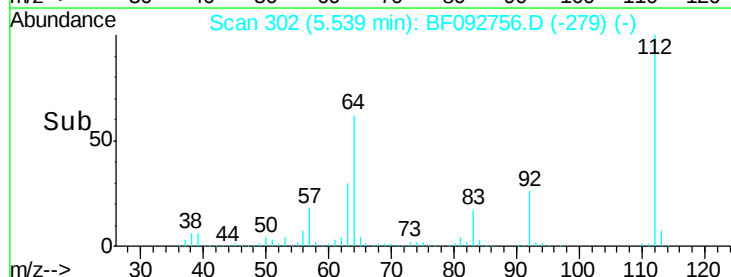
63 30.5 23.8 35.6

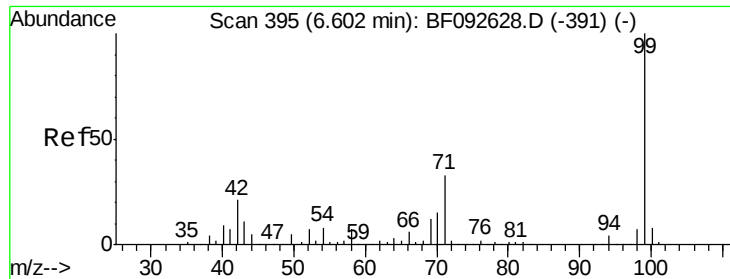


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 61.56 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092756.D

Acq: 3 Feb 2017 00:54

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

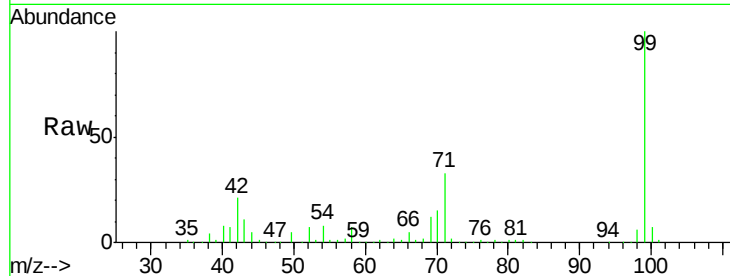
Tgt Ion: 99 Resp: 676552

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

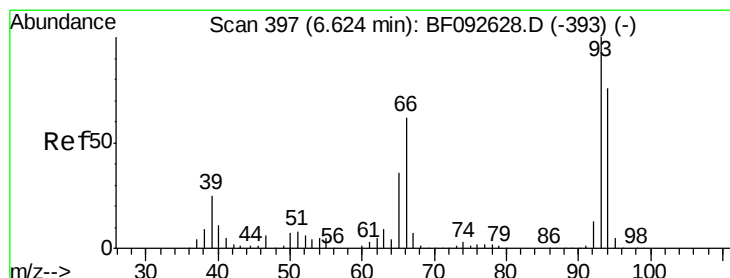
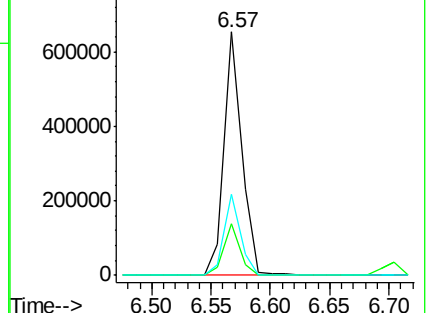
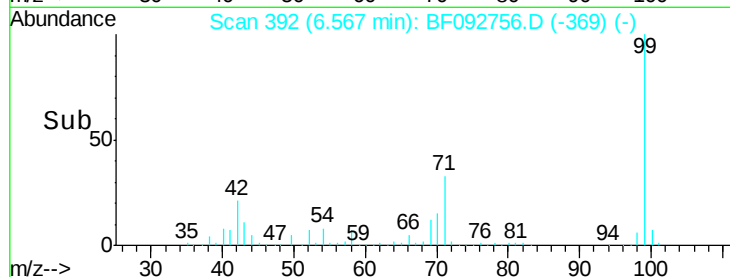
71 33.1 27.5 41.3



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: 2.32 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF092756.D

Acq: 3 Feb 2017 00:54

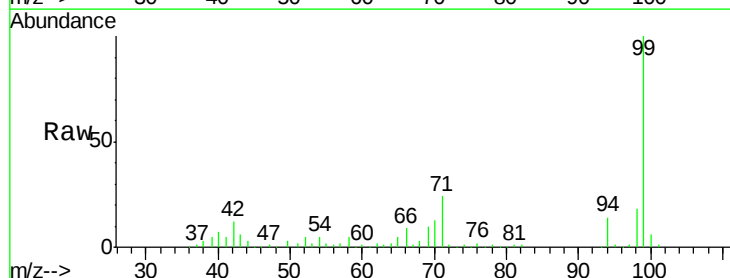
Tgt Ion: 94 Resp: 29812

Ion Ratio Lower Upper

94 100

65 36.6 21.4 61.4

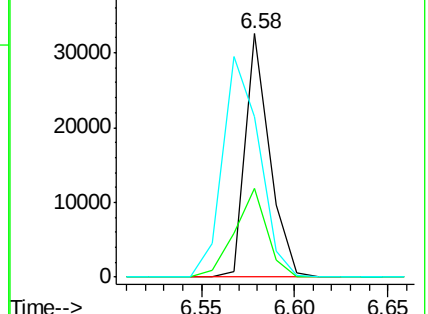
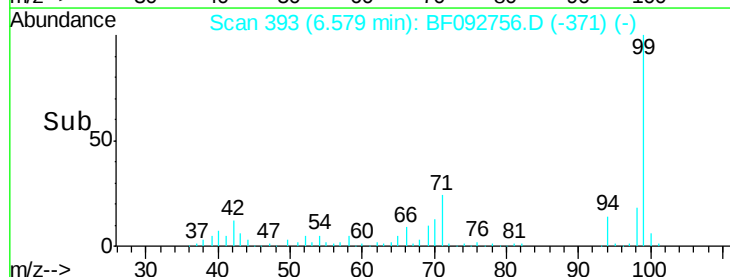
66 66.0 44.0 84.0

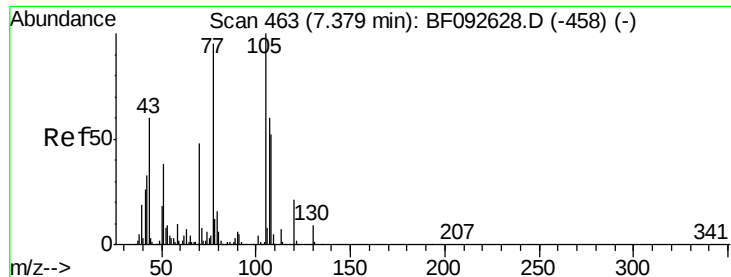


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

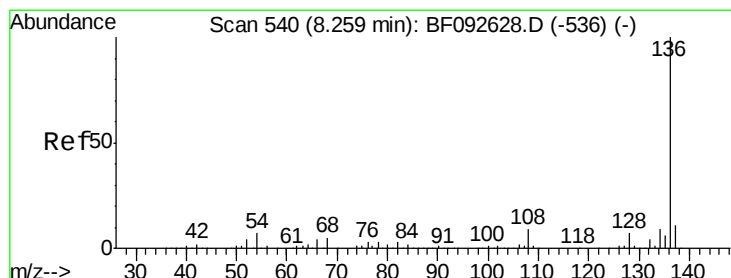
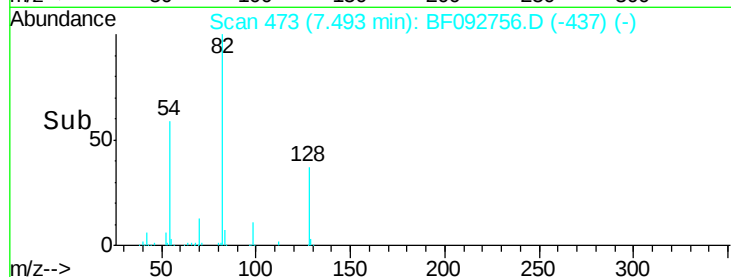
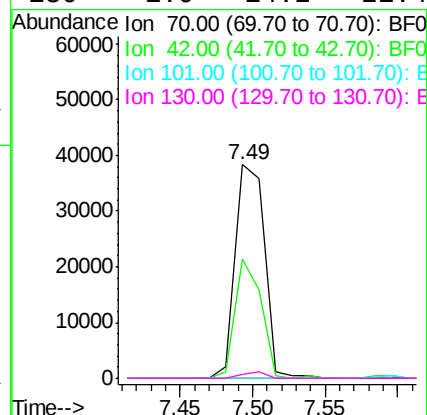
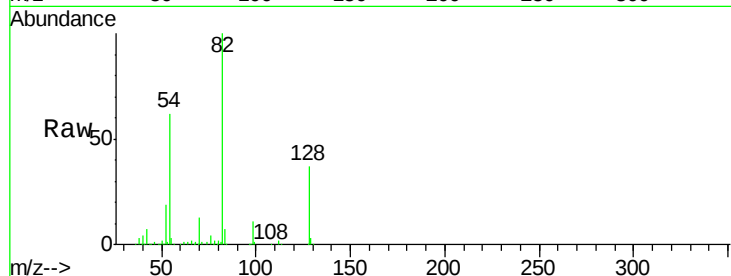




#19
n-Nitroso-di-n-propylamine
Concen: 7.68 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.11 min
Lab File: BF092756.D
Acq: 3 Feb 2017 00:54

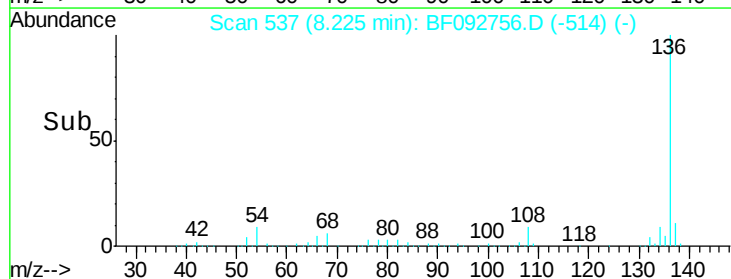
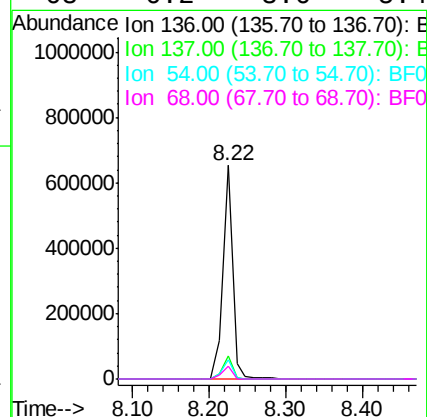
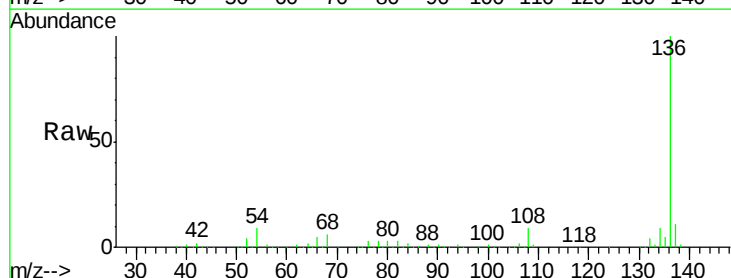
Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

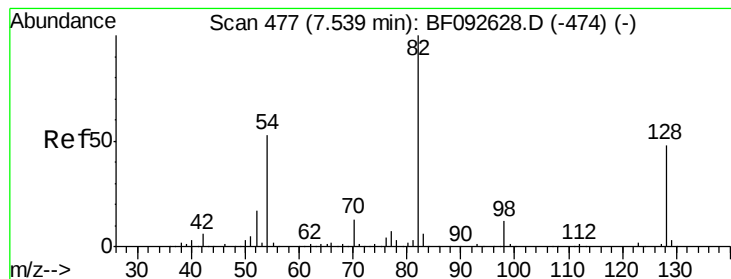
Tgt Ion: 70 Resp: 53725
Ion Ratio Lower Upper
70 100
42 55.5 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092756.D
Acq: 3 Feb 2017 00:54

Tgt Ion: 136 Resp: 574660
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.1 4.5 6.7#
68 6.2 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 41.49 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF092756.D

Acq: 3 Feb 2017 00:54

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

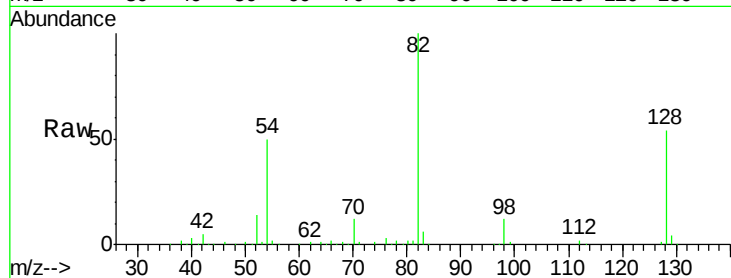
Tgt Ion: 82 Resp: 428163

Ion Ratio Lower Upper

82 100

128 54.1 34.6 52.0#

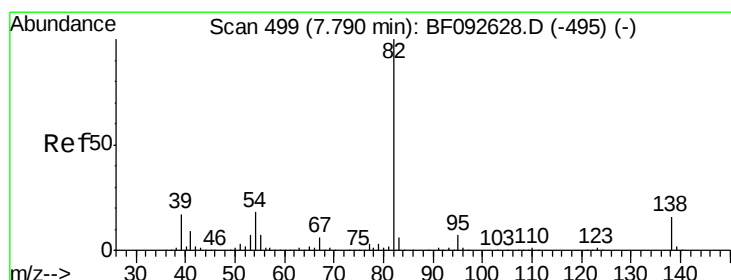
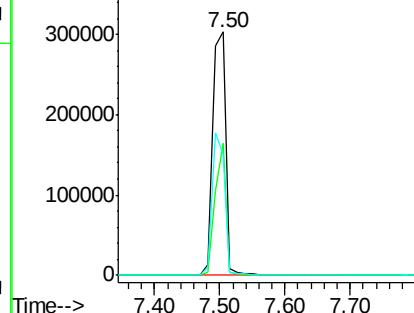
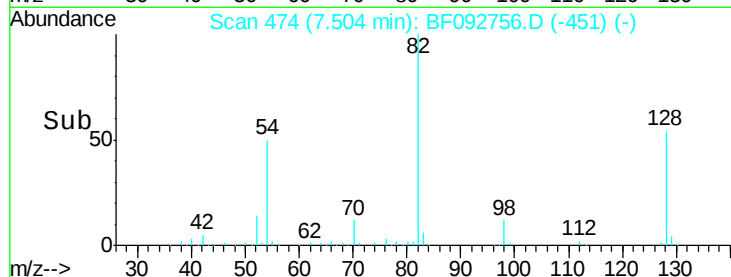
54 49.5 39.5 59.3



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: 21.77 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF092756.D

Acq: 3 Feb 2017 00:54

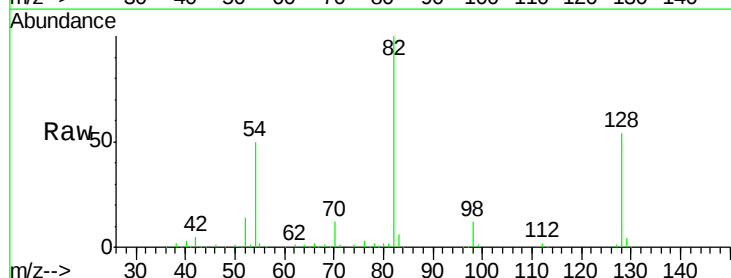
Tgt Ion: 82 Resp: 418606

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

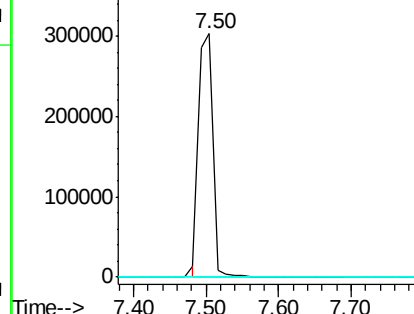
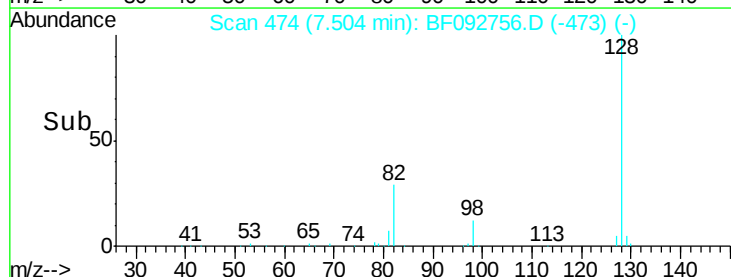
138 0.0 14.6 22.0#

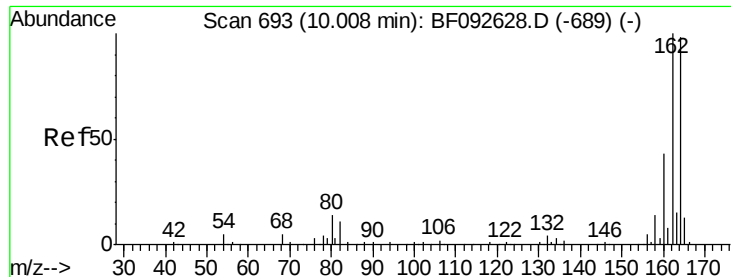


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

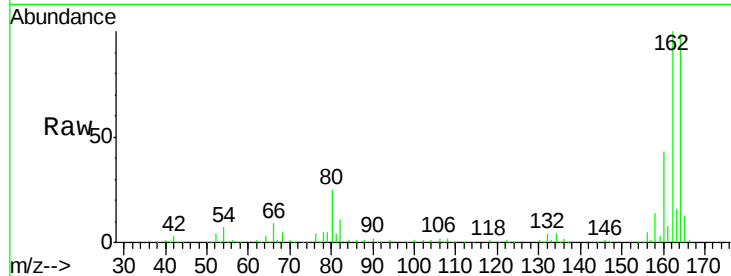




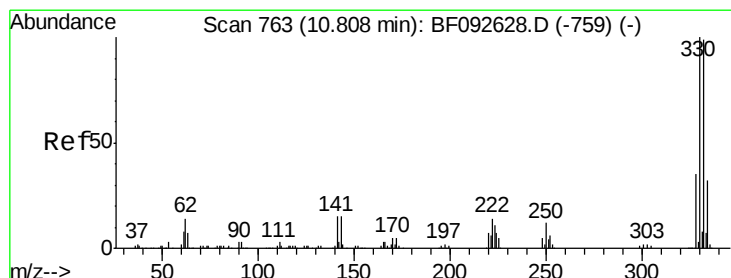
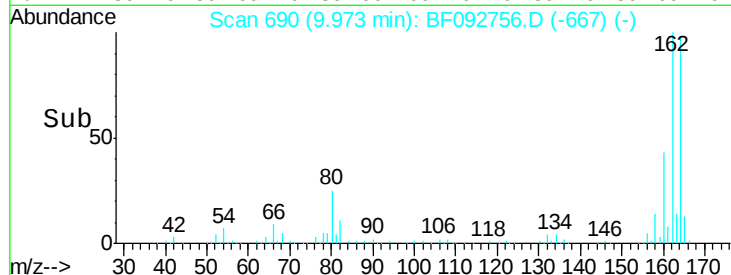
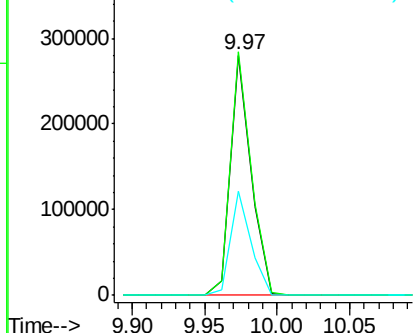
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092756.D
 Acq: 3 Feb 2017 00:54

Instrument :
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 ClientSampleId :
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Tgt Ion:164 Resp: 277150
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 43.4 36.9 55.3

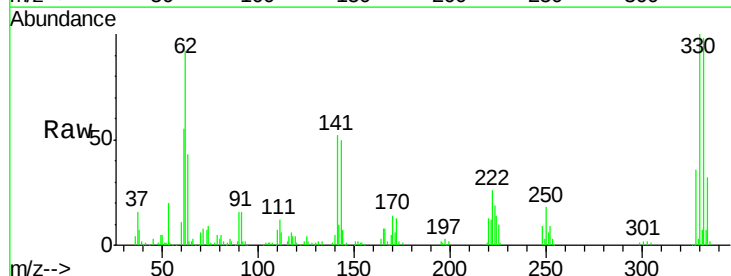


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

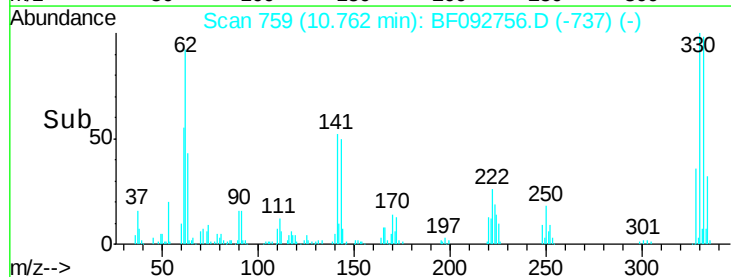
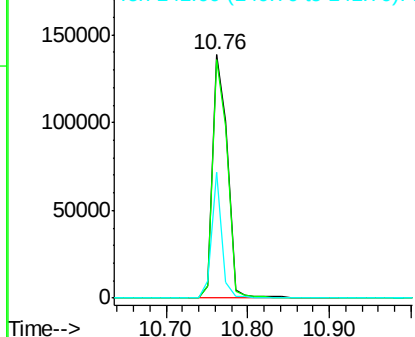


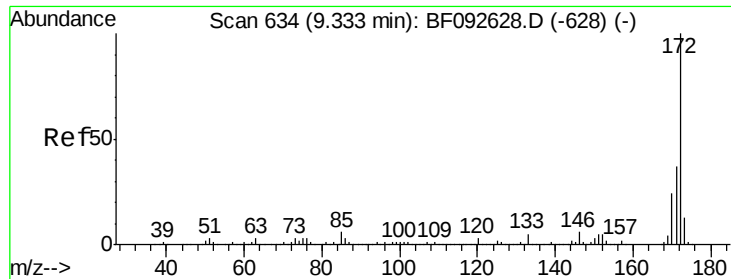
#41
 2,4,6-Tribromophenol
 Concen: 88.41 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.05 min
 Lab File: BF092756.D
 Acq: 3 Feb 2017 00:54

Tgt Ion:330 Resp: 177227
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 36.2 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

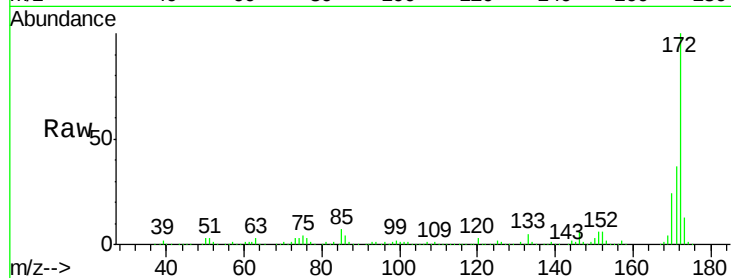




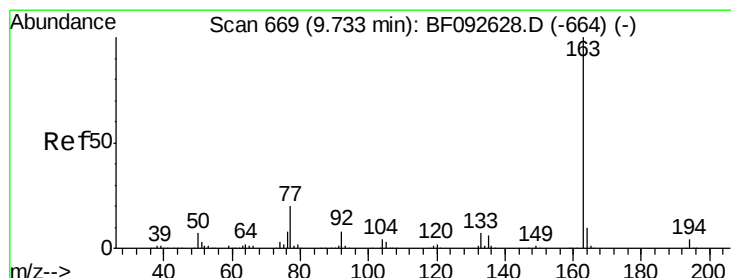
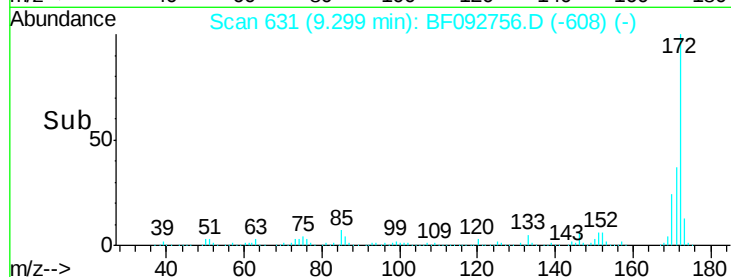
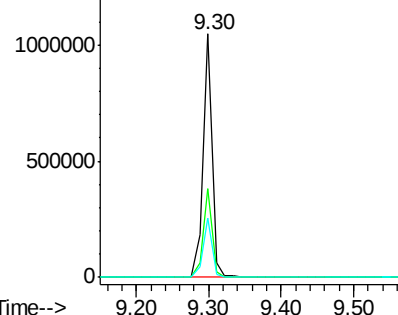
#44
 2-Fluorobiphenyl
 Concen: 59.37 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092756.D
 Acq: 3 Feb 2017 00:54

Instrument :
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 ClientSampleId :
 SB-38-COMP

Tgt Ion:172 Resp: 908243
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.2 20.2 30.4

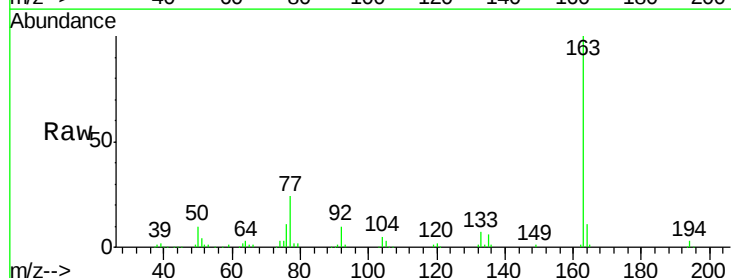


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

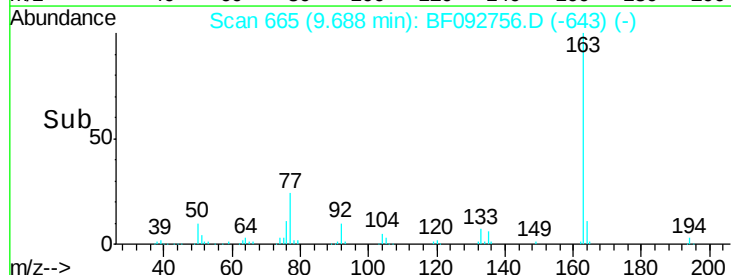
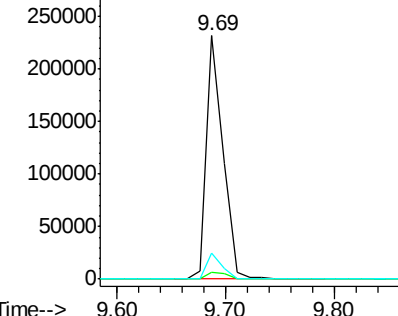


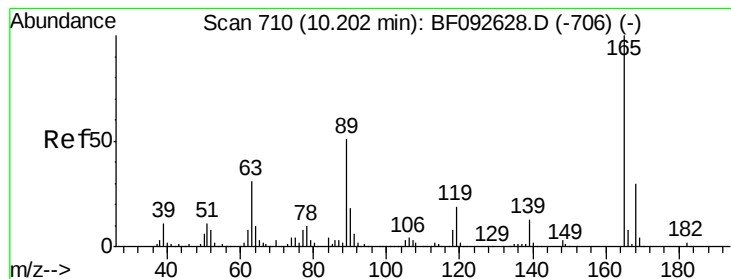
#49
 Dimethylphthalate
 Concen: 13.23 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.05 min
 Lab File: BF092756.D
 Acq: 3 Feb 2017 00:54

Tgt Ion:163 Resp: 246903
 Ion Ratio Lower Upper
 163 100
 194 3.1 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: 6.64 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.23 min

Lab File: BF092756.D

Acq: 3 Feb 2017 00:54

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

Tgt Ion:165 Resp: 35648

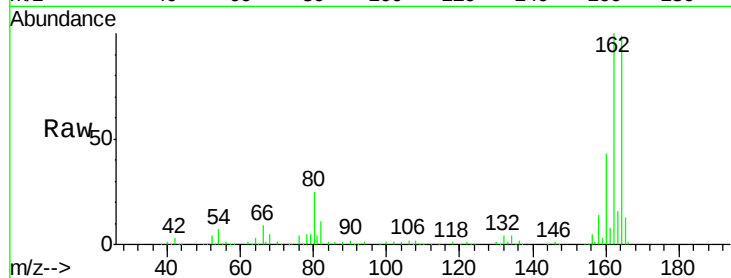
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 0.0 62.5 93.7#

182 0.0 1.8 2.8#

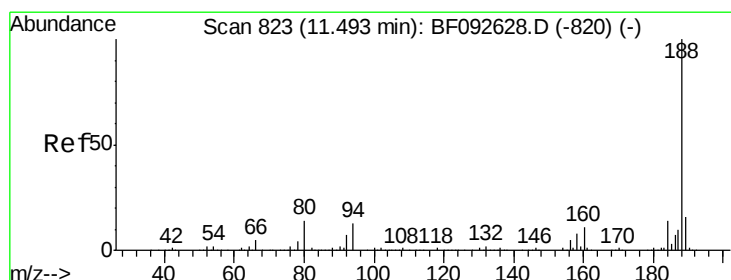
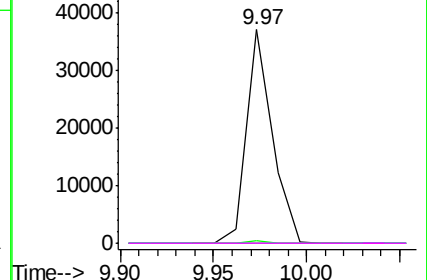
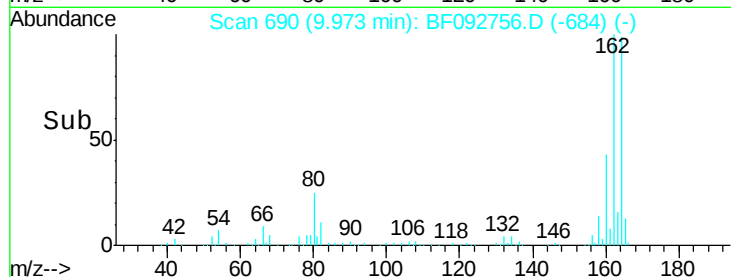


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF092756.D

Acq: 3 Feb 2017 00:54

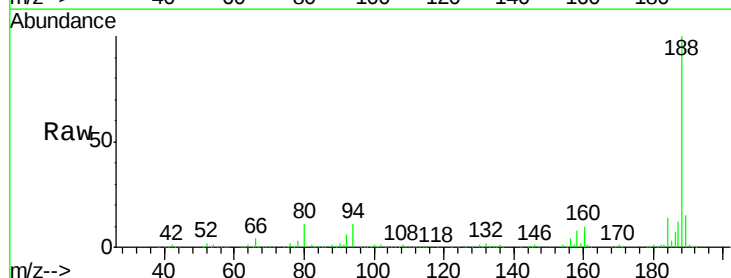
Tgt Ion:188 Resp: 431748

Ion Ratio Lower Upper

188 100

94 11.2 10.0 15.0

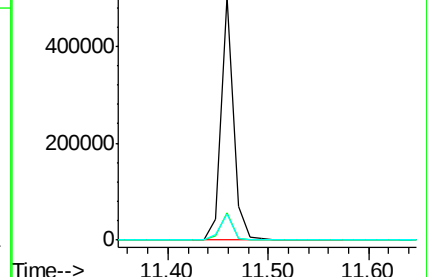
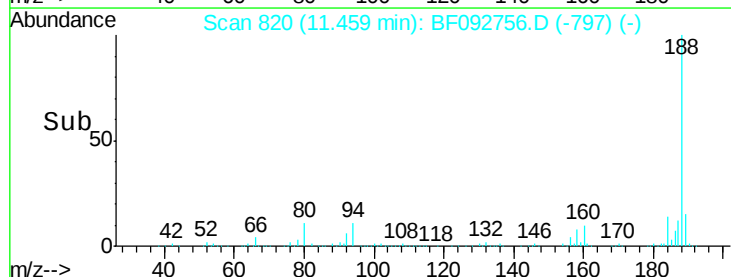
80 10.9 11.2 16.8#

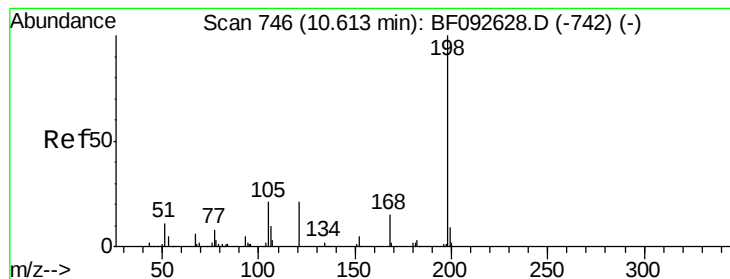


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.77 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.15 min

Lab File: BF092756.D

Acq: 3 Feb 2017 00:54

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

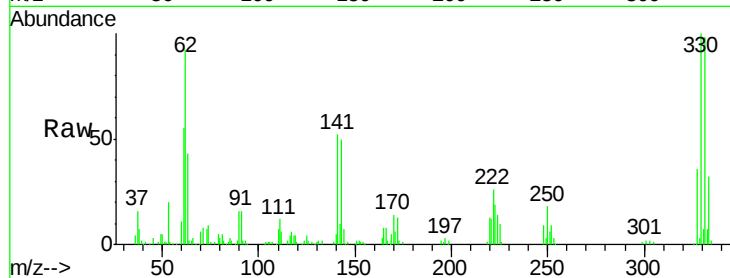
Tgt Ion:198 Resp: 276

Ion Ratio Lower Upper

198 100

51 315.1 6.7 46.7#

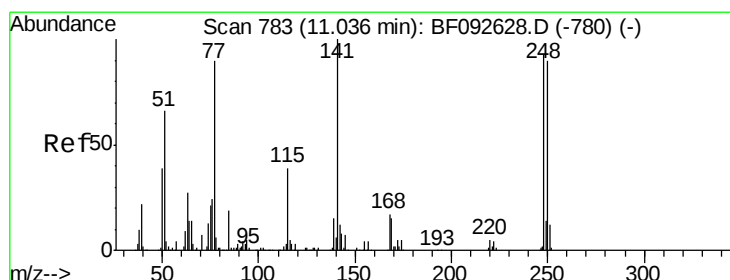
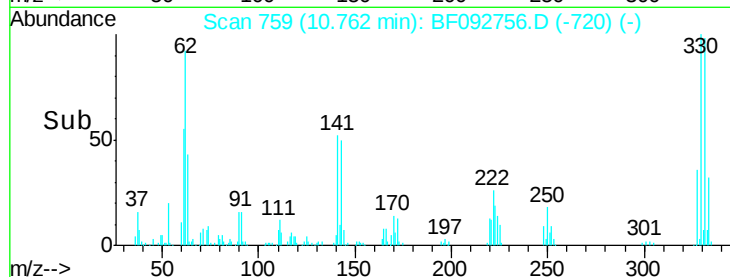
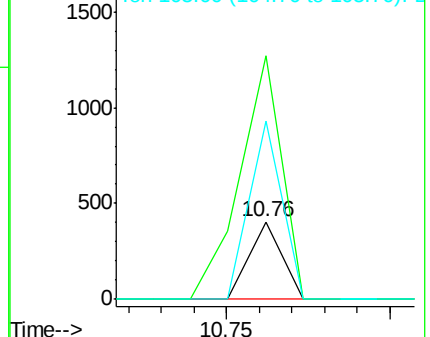
105 231.3 16.6 56.6#



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: 2.72 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF092756.D

Acq: 3 Feb 2017 00:54

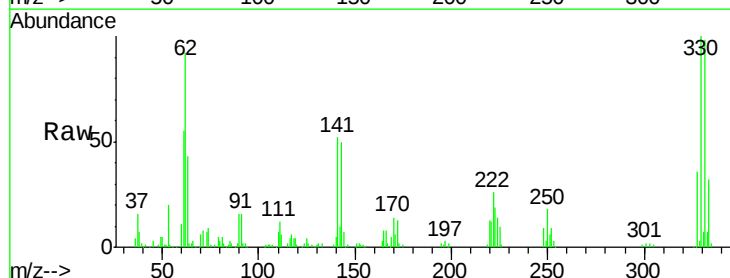
Tgt Ion:248 Resp: 12253

Ion Ratio Lower Upper

248 100

250 196.9 76.9 115.3#

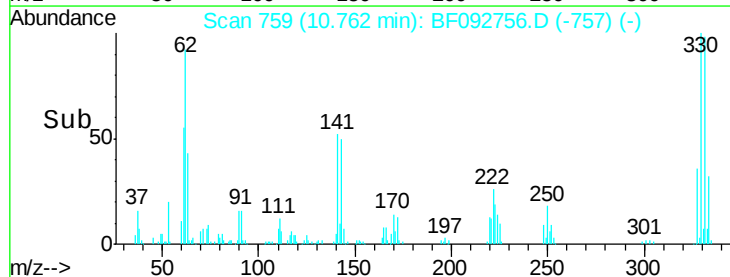
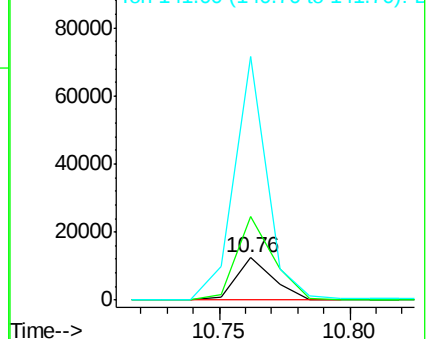
141 573.1 68.2 102.4#

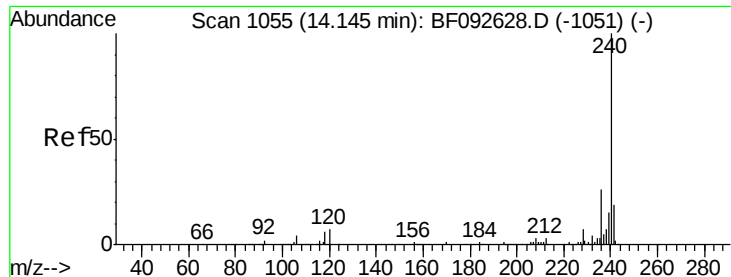


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF092756.D

Acq: 3 Feb 2017 00:54

Instrument :

BNA_F

ClientSampleId :

SB-38-COMP

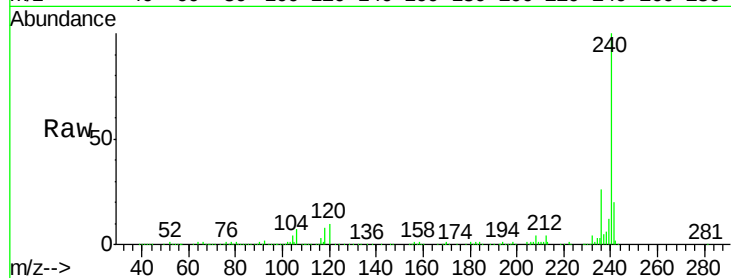
Tgt Ion:240 Resp: 363720

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

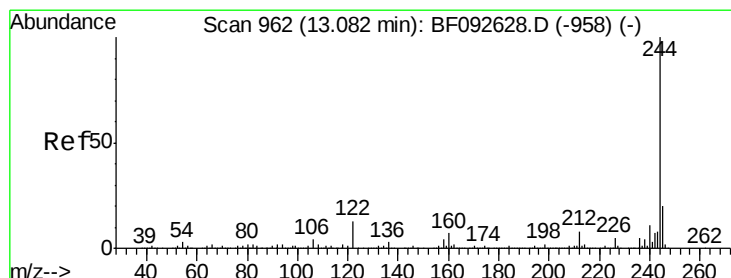
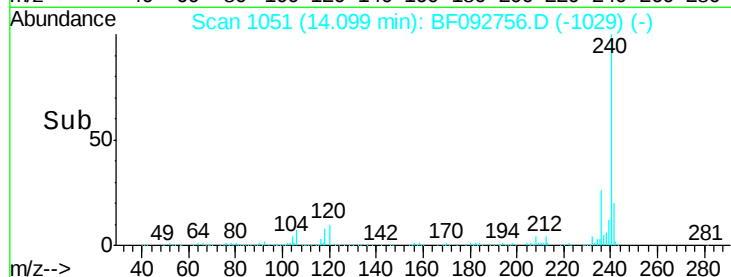
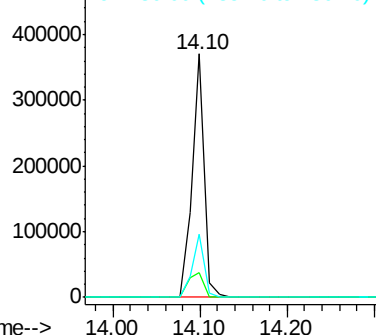
236 25.9 20.9 31.3



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: 63.07 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092756.D

Acq: 3 Feb 2017 00:54

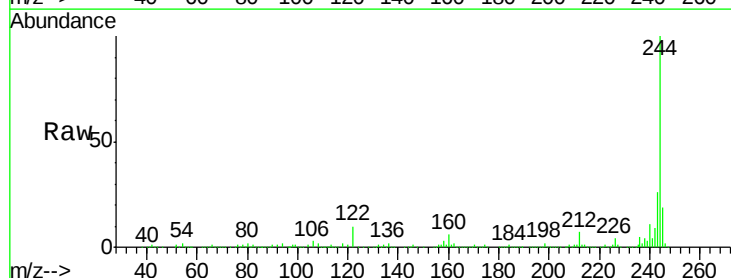
Tgt Ion:244 Resp: 976315

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

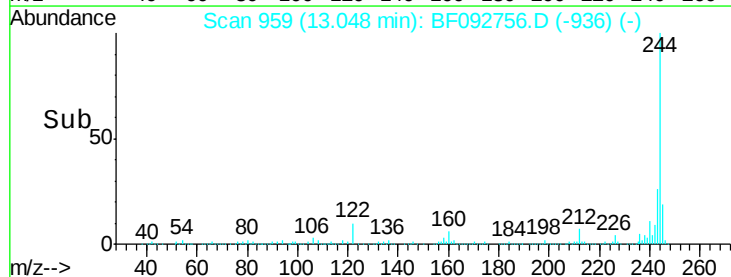
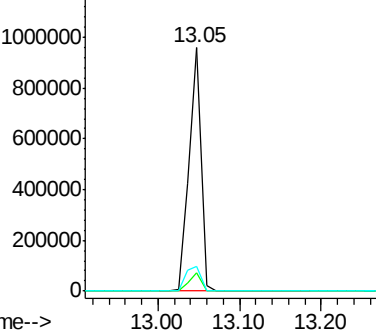
122 9.9 11.4 17.2#

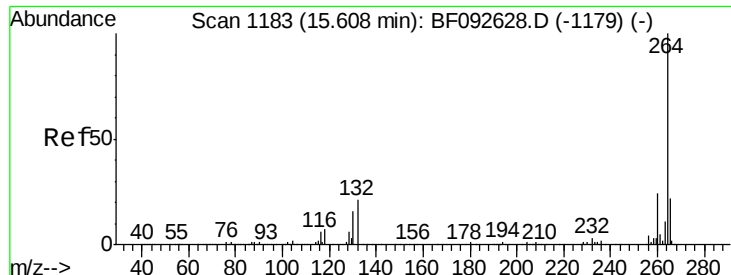


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

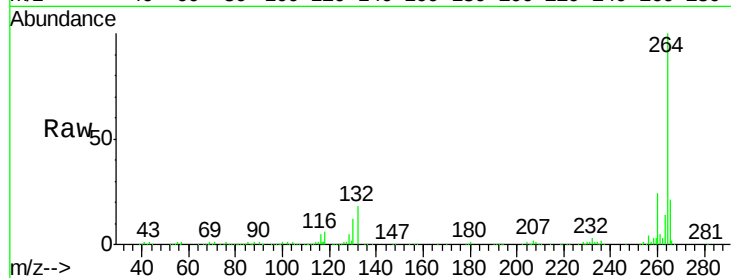




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092756.D
Acq: 3 Feb 2017 00:54

Instrument :
BNA_F
ClientSampleId :
SB-38-COMP

Tgt Ion: 264 Resp: 355465
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.1 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

