

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098900.D
 Acq On : 28 Sep 2017 11:24
 Operator : SJ/JU
 Sample : I5418-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:38:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

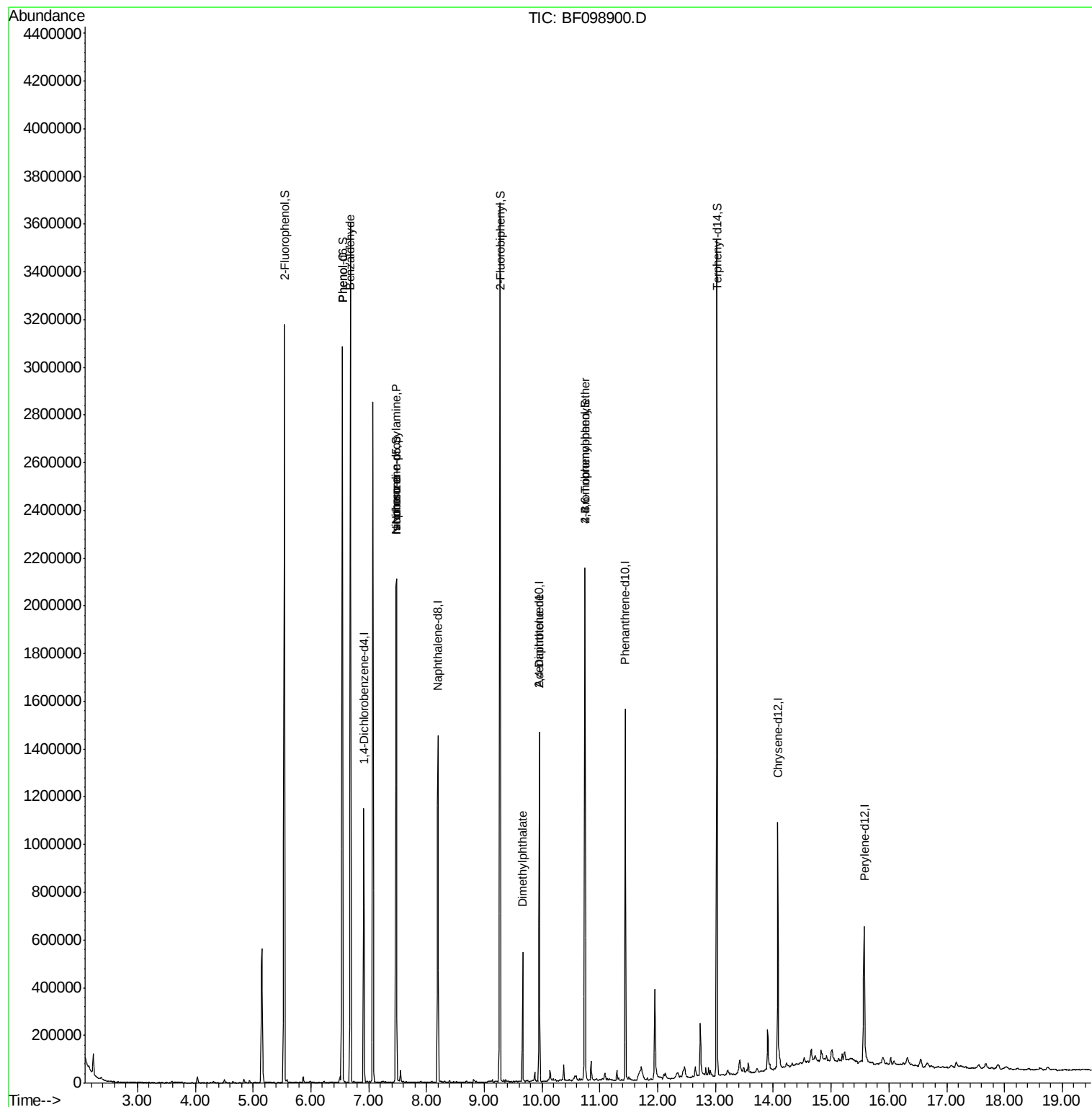
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	149639	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	630748	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	287736	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	511073	20.00	ng	0.00
75) Chrysene-d12	14.08	240	308011	20.00	ng	0.00
86) Perylene-d12	15.57	264	241274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1033676	109.97	ng	0.00
7) Phenol-d6	6.55	99	1243195	107.21	ng	0.00
23) Nitrobenzene-d5	7.48	82	772013	78.49	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	258614	109.84	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1289748	74.83	ng	0.00
78) Terphenyl-d14	13.03	244	1114849	82.31	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	22113	3.29	ng	85
10) Phenol	6.55	94	36018	2.78	ng	83
19) n-Nitroso-di-n-propylamine	7.48	70	101310	13.68	ng	# 76
25) Isophorone	7.48	82	769045	37.82	ng	# 64
49) Dimethylphthalate	9.66	163	210357	9.69	ng	99
56) 2,4-Dinitrotoluene	9.95	165	36854	6.01	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	18070	3.61	ng	# 1

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

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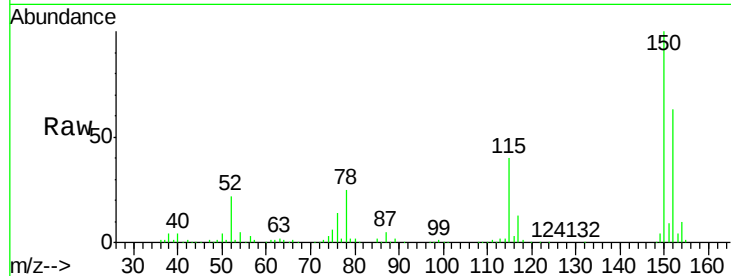


#1

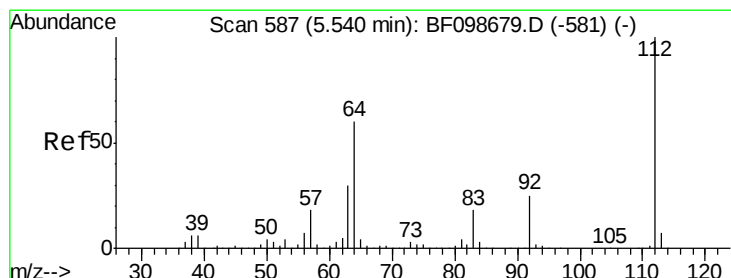
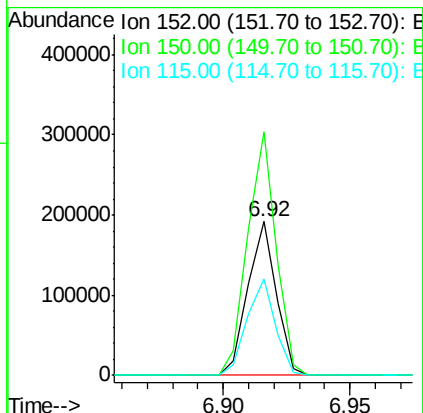
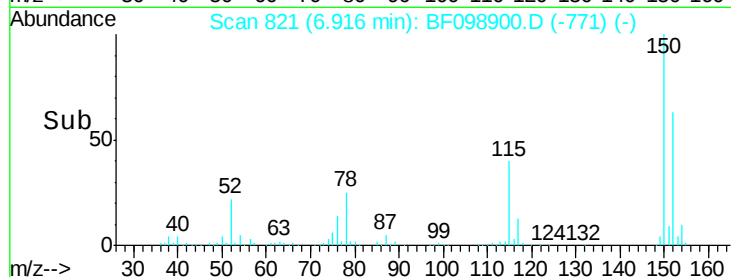
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098900.D
 Acq: 28 Sep 2017 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 149639
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.6 186.8
 115 63.1 50.1 75.1



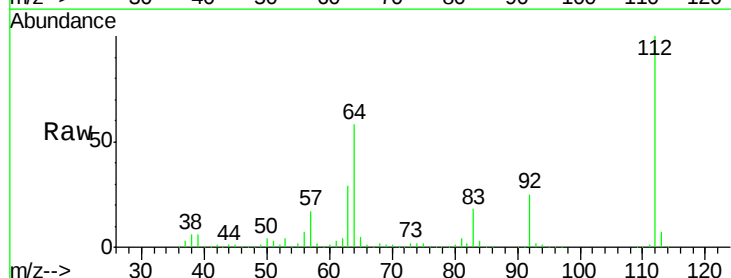
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



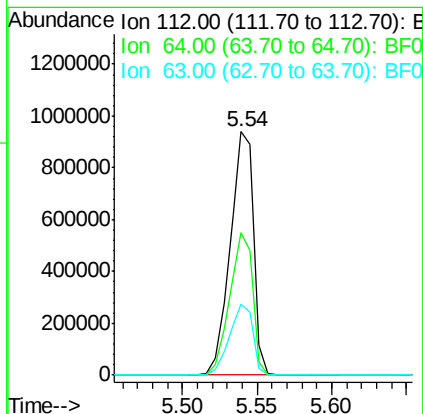
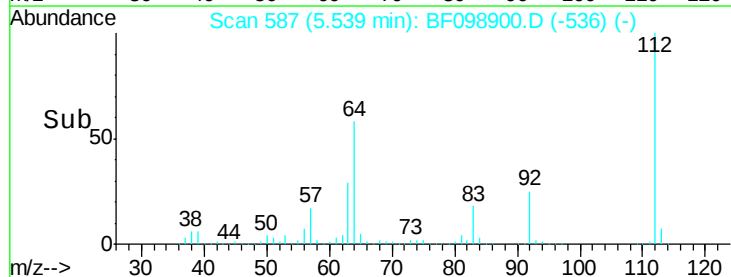
#5

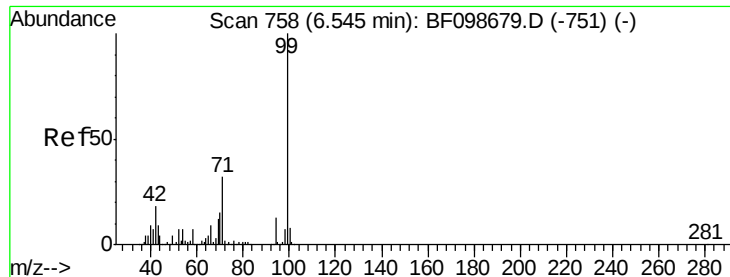
2-Fluorophenol
 Concen: 109.97 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098900.D
 Acq: 28 Sep 2017 11:24

Tgt Ion:112 Resp: 1033676
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.9 71.9
 63 28.9 23.7 35.5



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: 107.21 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

Instrument :

BNA_F

ClientSampled :

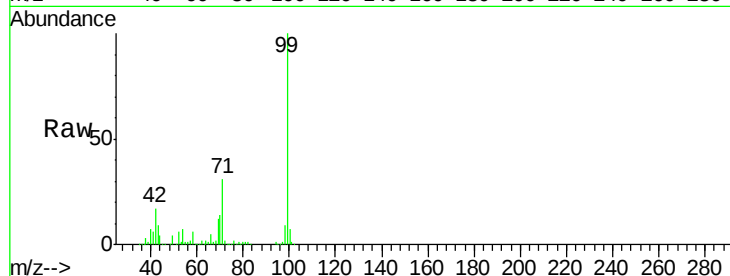
Tot Ion: 99 Resp: 1243195

Ion Ratio Lower Upper

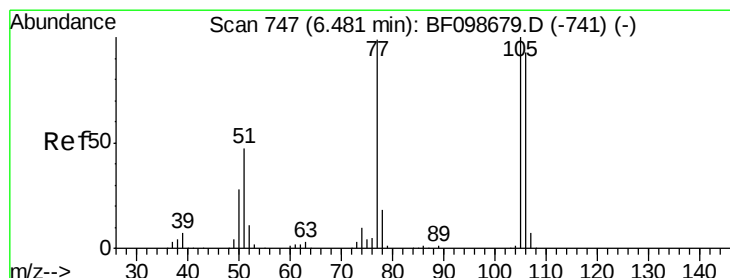
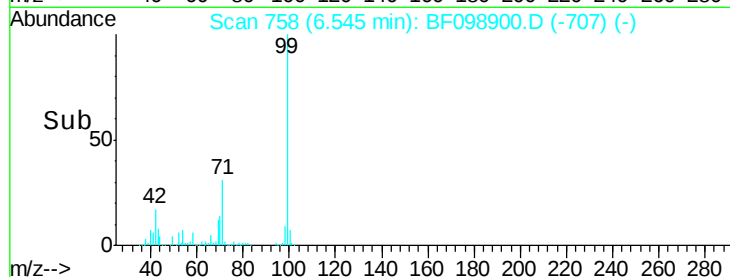
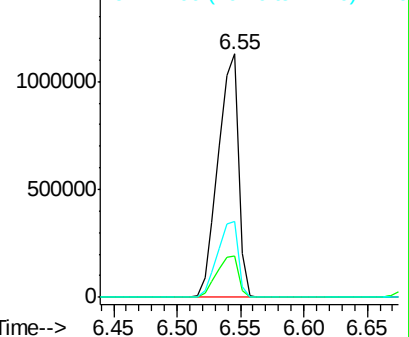
99 100

42 16.9 14.5 21.7

71 31.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.29 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.21 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

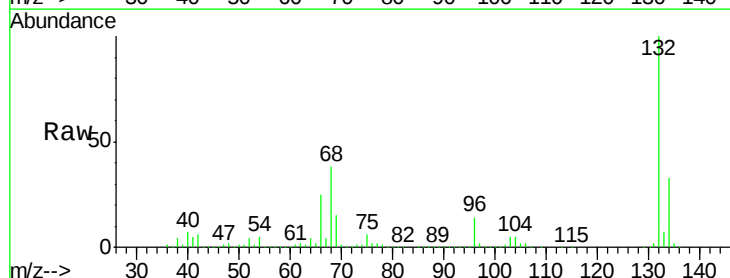
Tgt Ion: 77 Resp: 22113

Ion Ratio Lower Upper

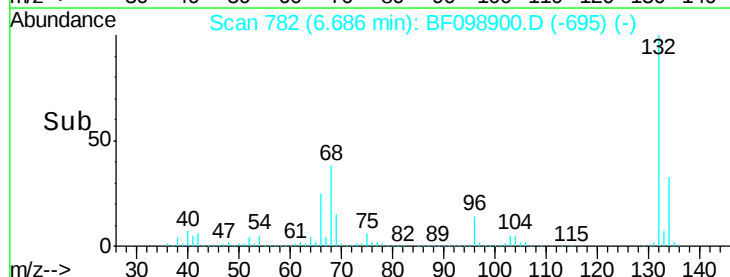
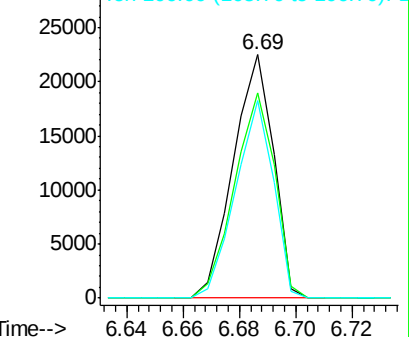
77 100

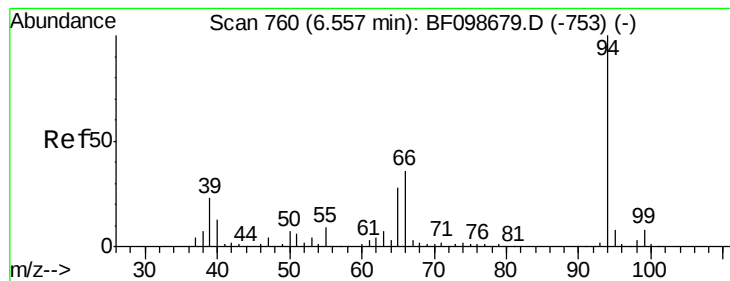
105 84.4 81.1 121.1

106 81.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.78 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

Instrument :

BNA_F

ClientSampleId :

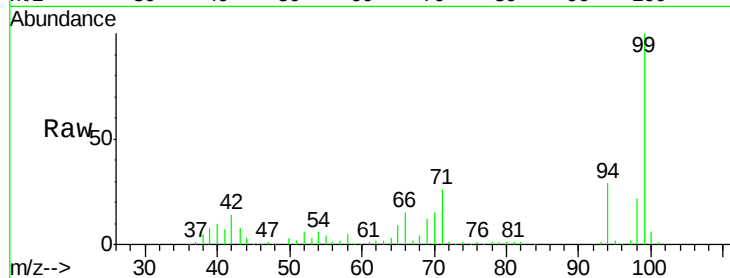
Tot Ion: 94 Resp: 36018

Ion Ratio Lower Upper

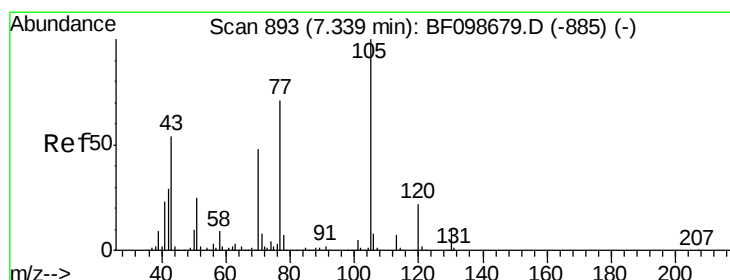
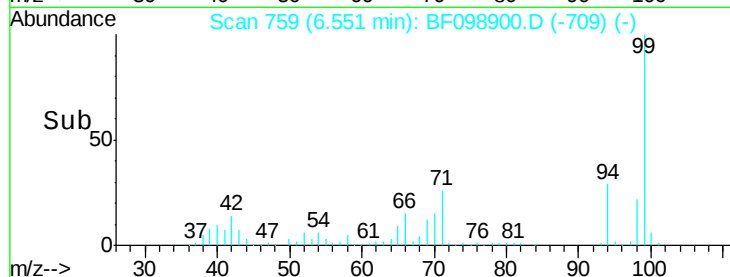
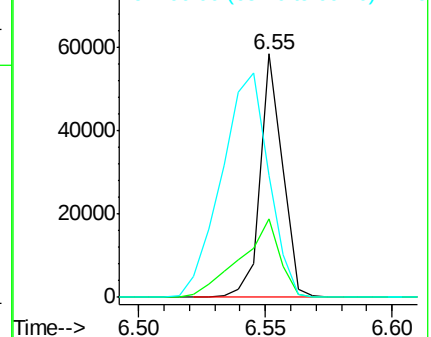
94 100

65 32.4 7.9 47.9

66 50.1 16.2 56.2



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: 13.68 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.15 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

Tgt Ion: 70 Resp: 101310

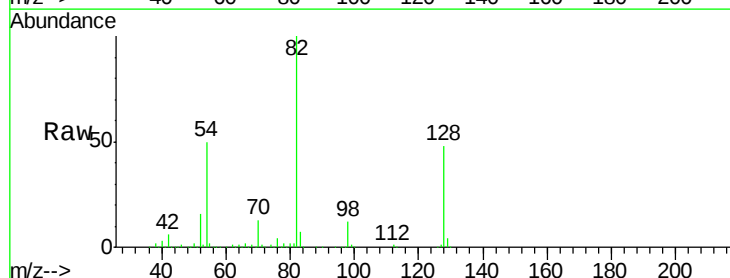
Ion Ratio Lower Upper

70 100

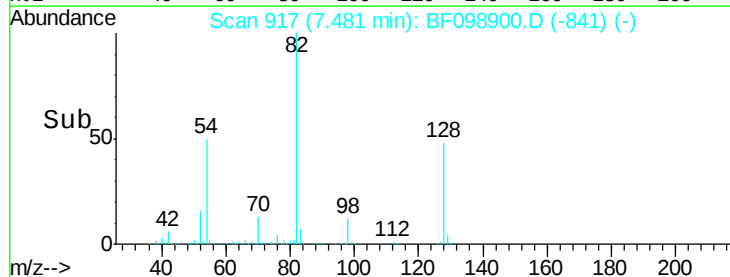
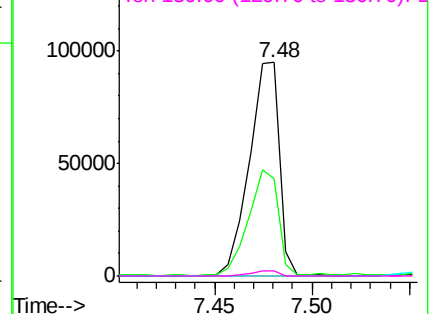
42 45.8 47.5 71.3#

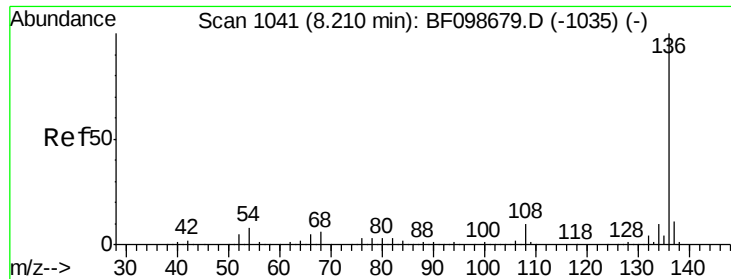
101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



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: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 630748

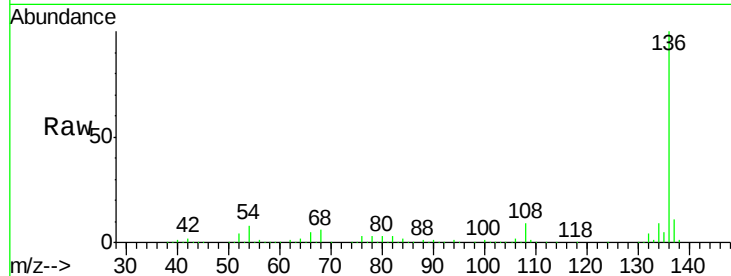
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 5.9 5.0 7.4

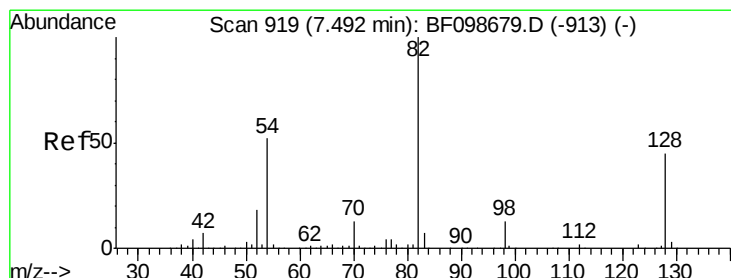
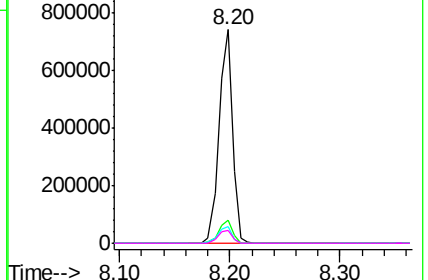
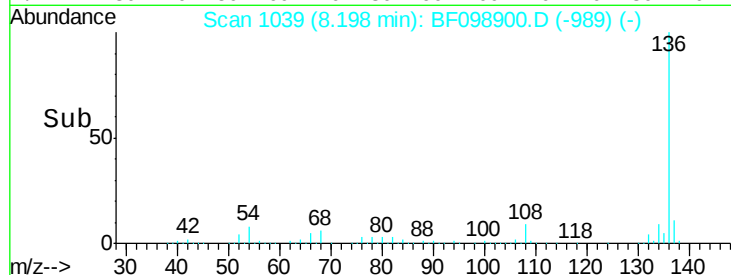


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.49 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

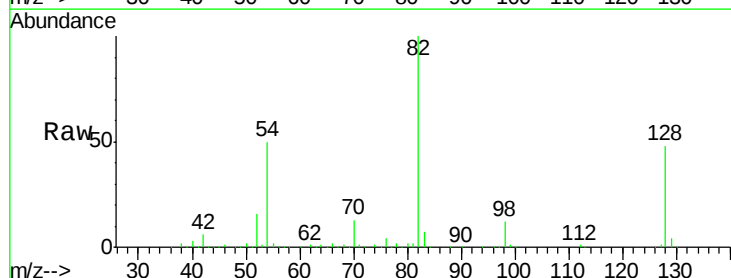
Tgt Ion: 82 Resp: 772013

Ion Ratio Lower Upper

82 100

128 48.2 36.1 54.1

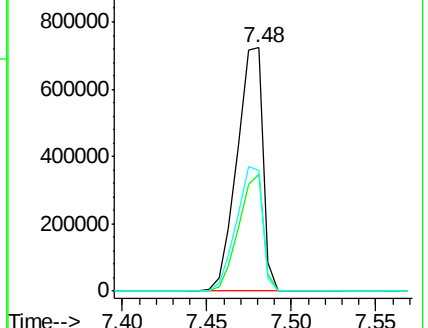
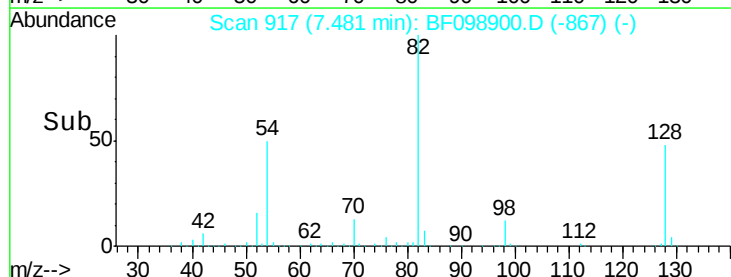
54 49.8 41.4 62.2

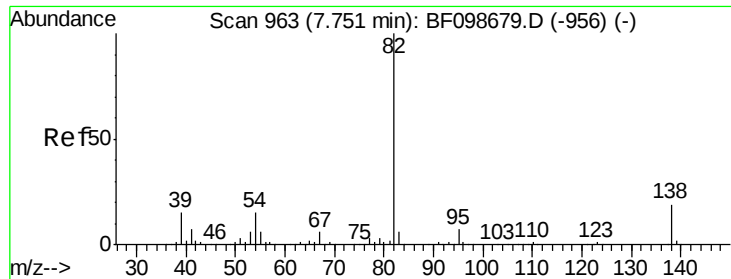


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 37.82 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.26 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

Instrument :

BNA_F

ClientSampled :

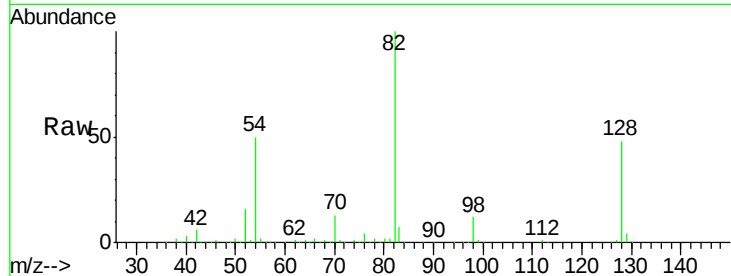
Tot Ion: 82 Resp: 769045

Ion Ratio Lower Upper

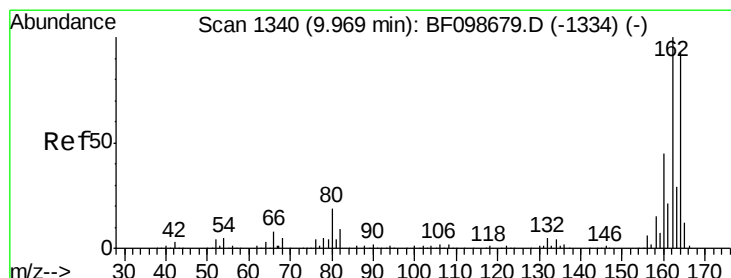
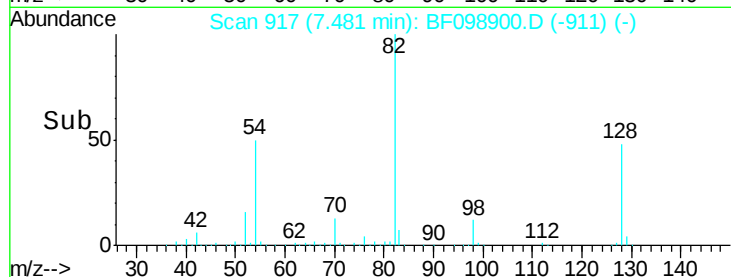
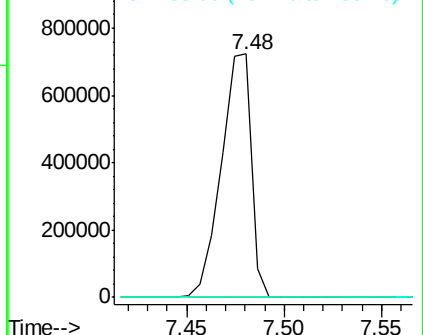
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

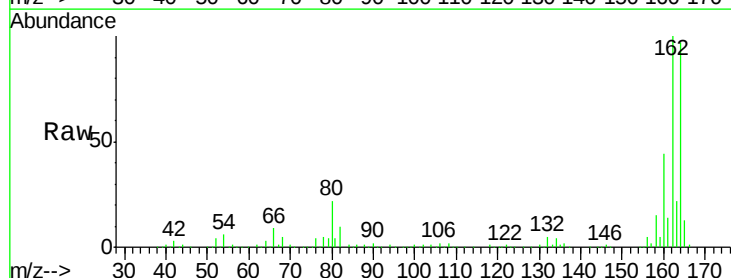
Tgt Ion: 164 Resp: 287736

Ion Ratio Lower Upper

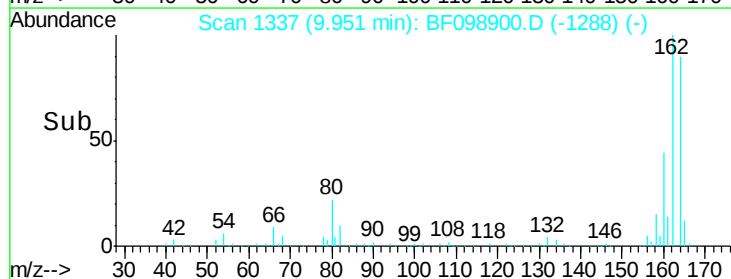
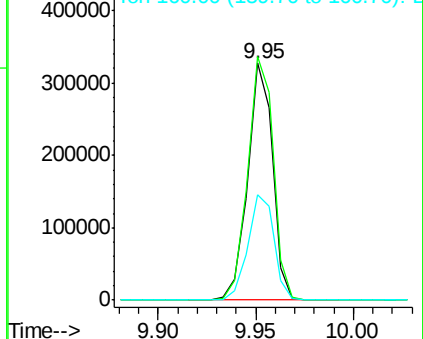
164 100

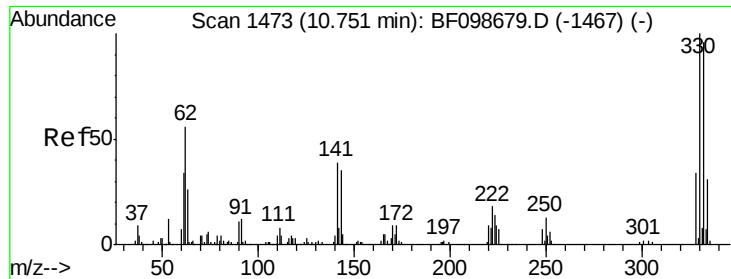
162 102.9 86.1 129.1

160 44.8 38.3 57.5



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

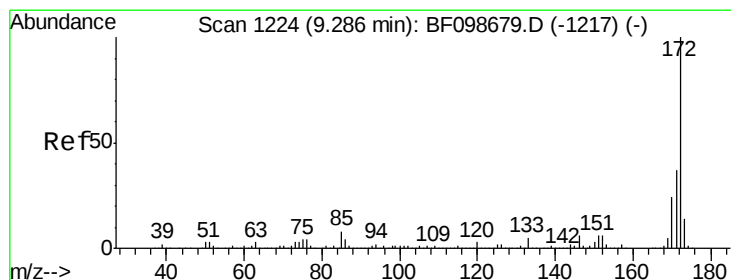
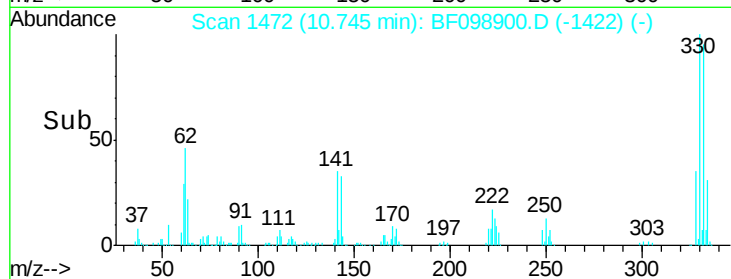
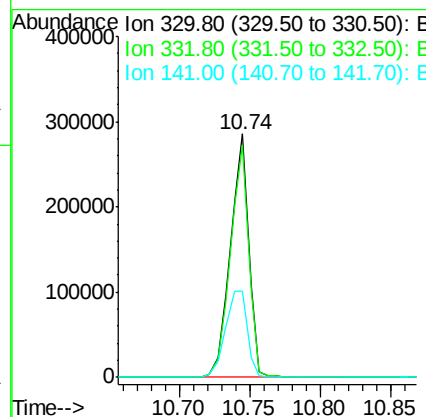
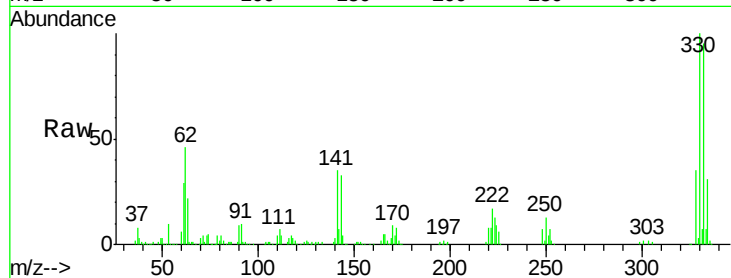




#41
 2,4,6-Tribromophenol
 Concen: 109.84 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098900.D
 Acq: 28 Sep 2017 11:24

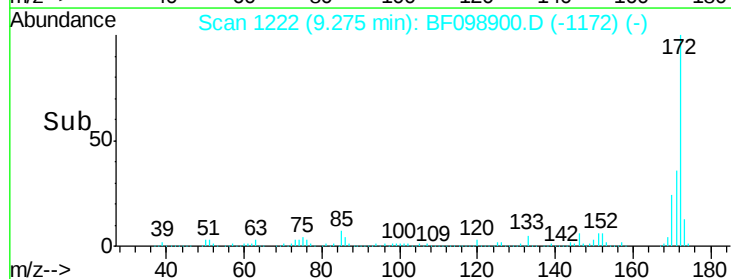
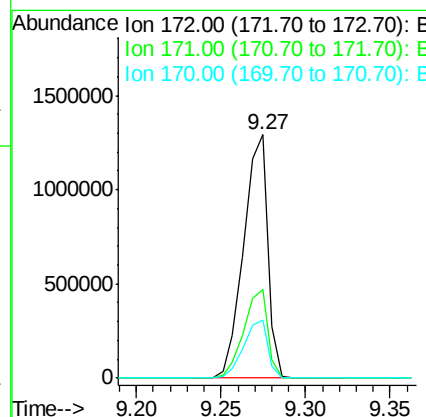
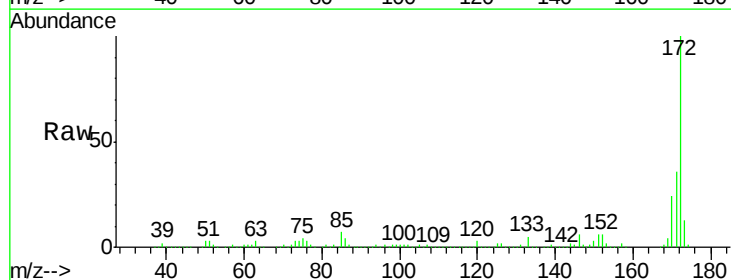
Instrument :
 BNA_F
 ClientSampleId :

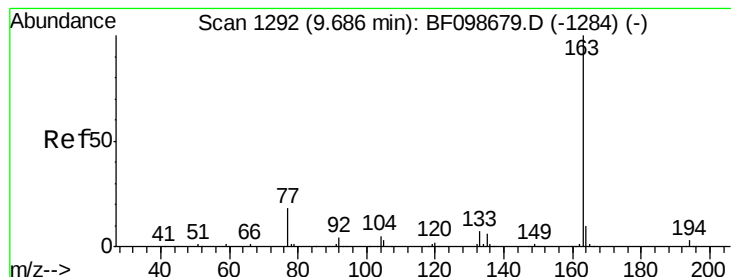
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	42.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 74.83 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098900.D
 Acq: 28 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 9.69 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

Instrument :

BNA_F

ClientSampleId :

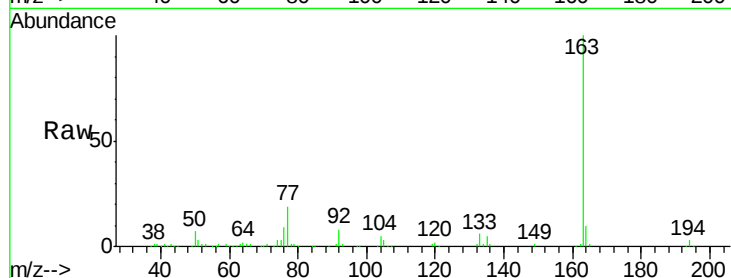
Tot Ion:163 Resp: 210357

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

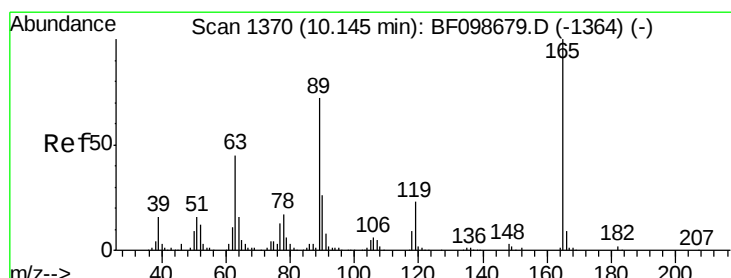
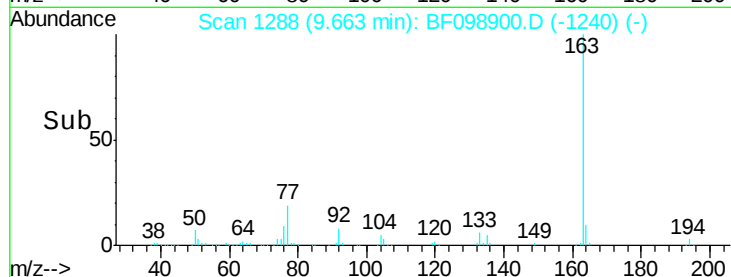
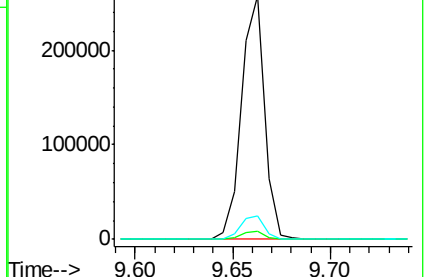
164 9.7 8.2 12.2



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: 6.01 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.19 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

Tgt Ion:165 Resp: 36854

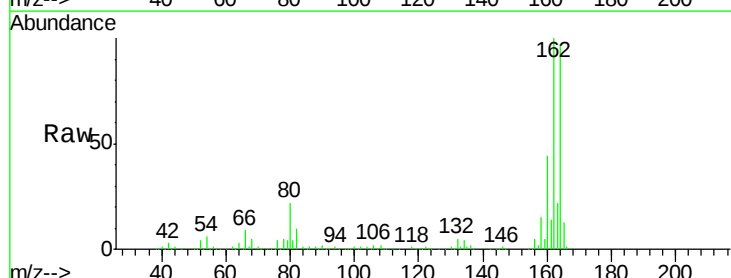
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

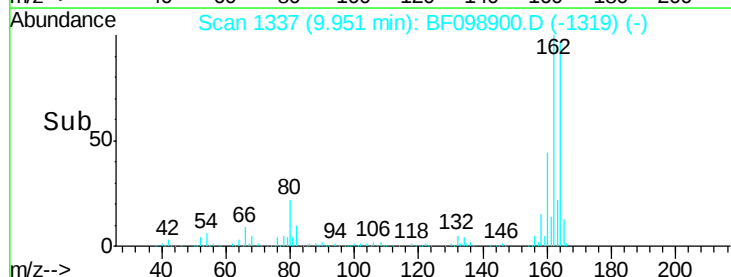
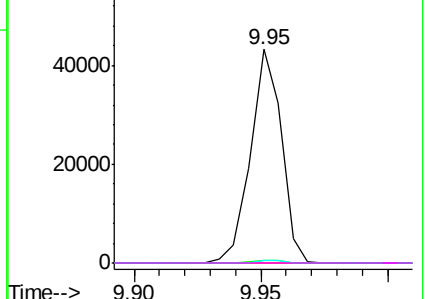


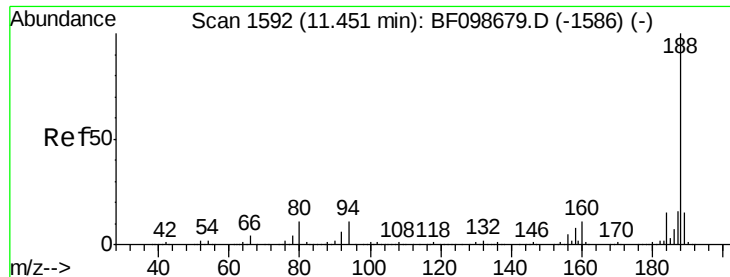
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

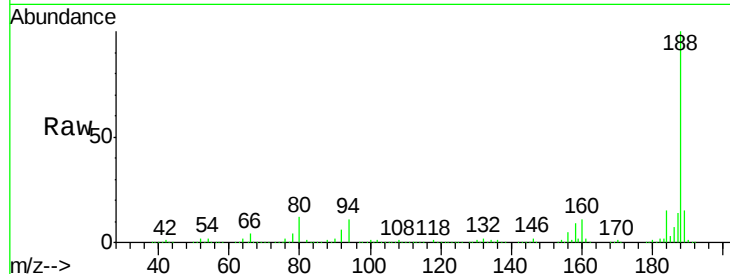




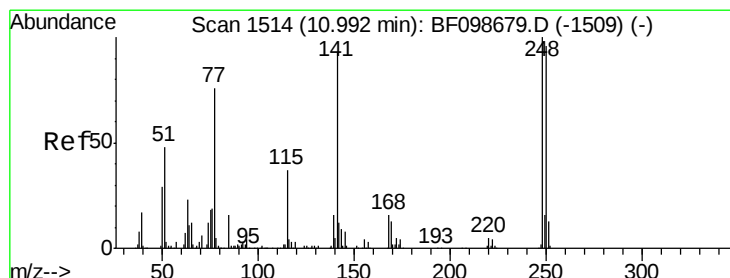
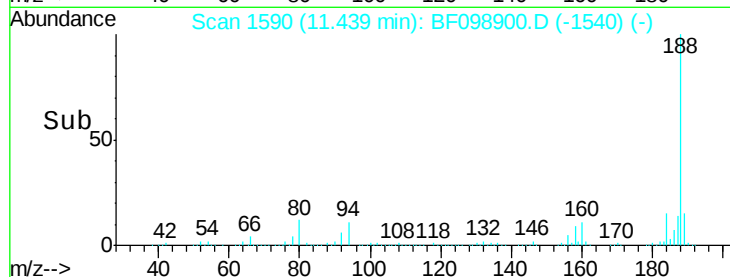
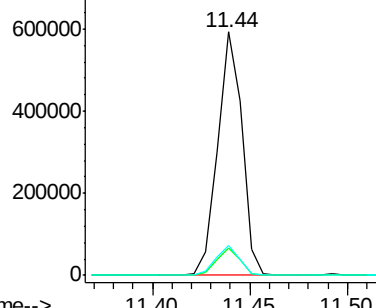
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098900.D
Acq: 28 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 511073
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.4 9.2 13.8

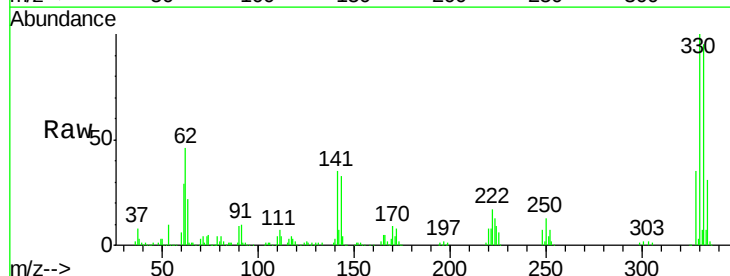


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

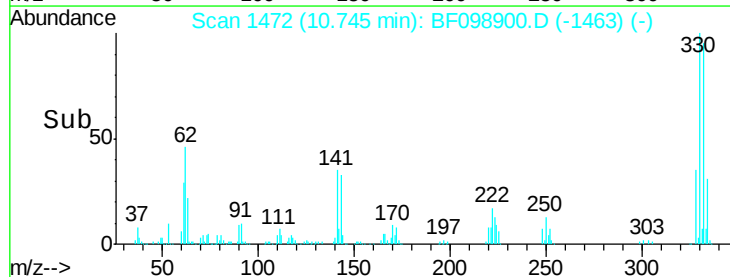
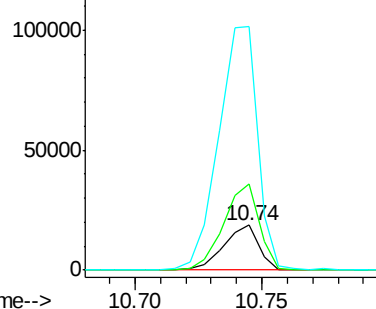


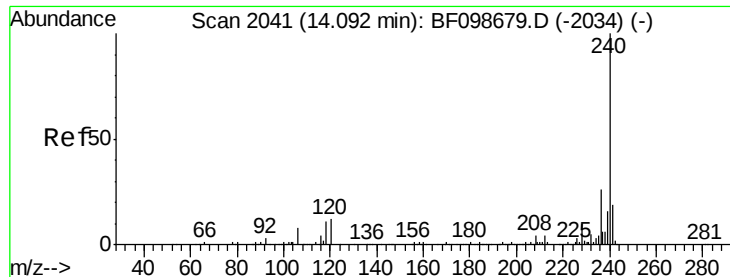
#66
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098900.D
Acq: 28 Sep 2017 11:24

Tgt Ion:248 Resp: 18070
Ion Ratio Lower Upper
248 100
250 192.6 76.9 115.3#
141 542.7 74.4 111.6#



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: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

Instrument :

BNA_F

ClientSampleId :

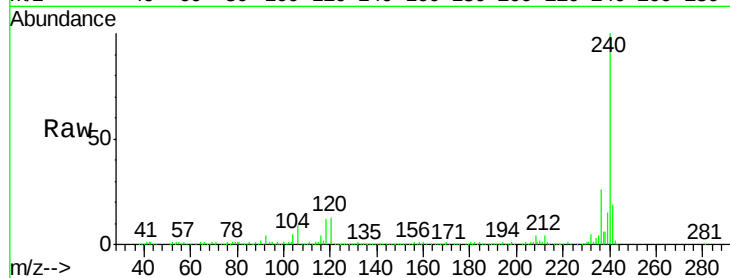
Tot Ion:240 Resp: 308011

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

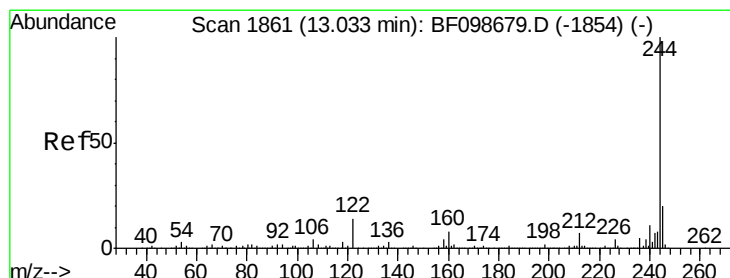
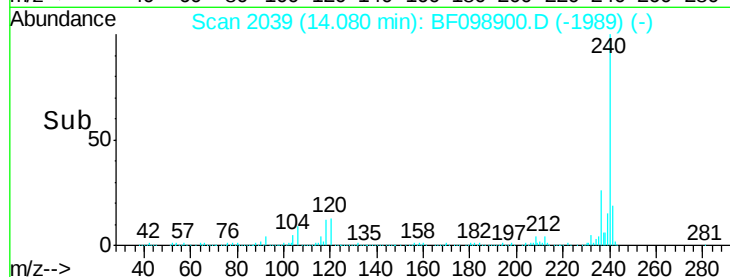
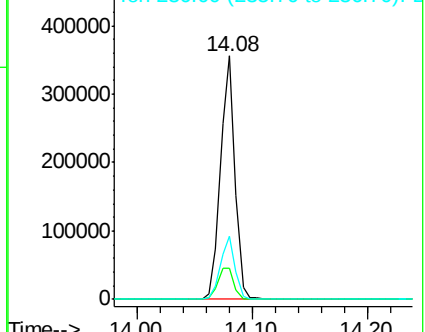
236 26.1 20.7 31.1



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: 82.31 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098900.D

Acq: 28 Sep 2017 11:24

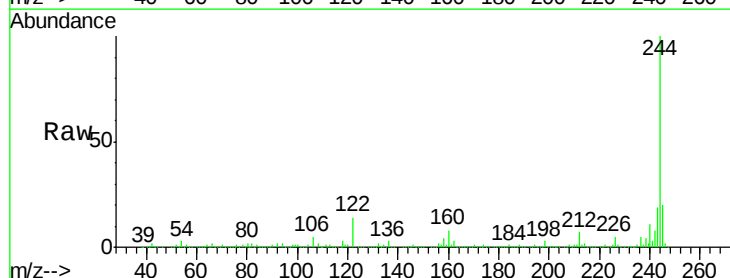
Tgt Ion:244 Resp: 1114849

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

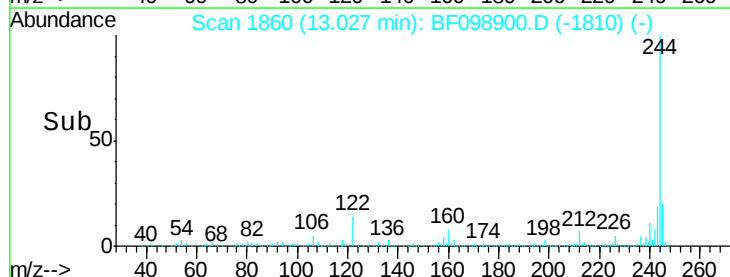
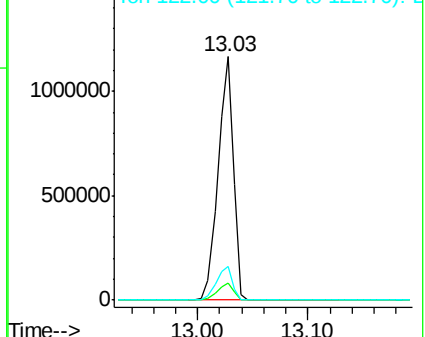
122 13.6 11.0 16.4

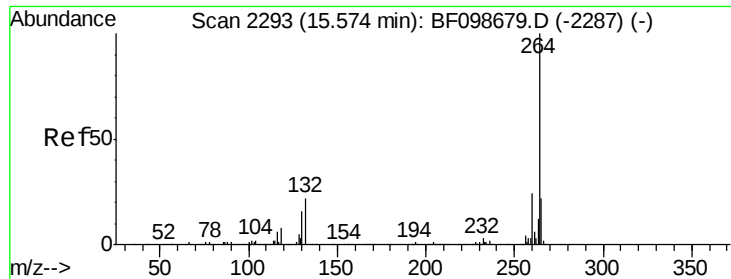


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

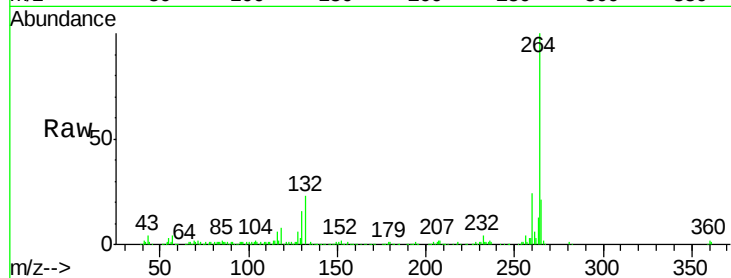




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098900.D
 Acq: 28 Sep 2017 11:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3



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

