

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099394.D
 Acq On : 12 Oct 2017 14:33
 Operator : SJ/JU
 Sample : I5758-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 16:23:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 16:21:36 2017
 Response via : Initial Calibration

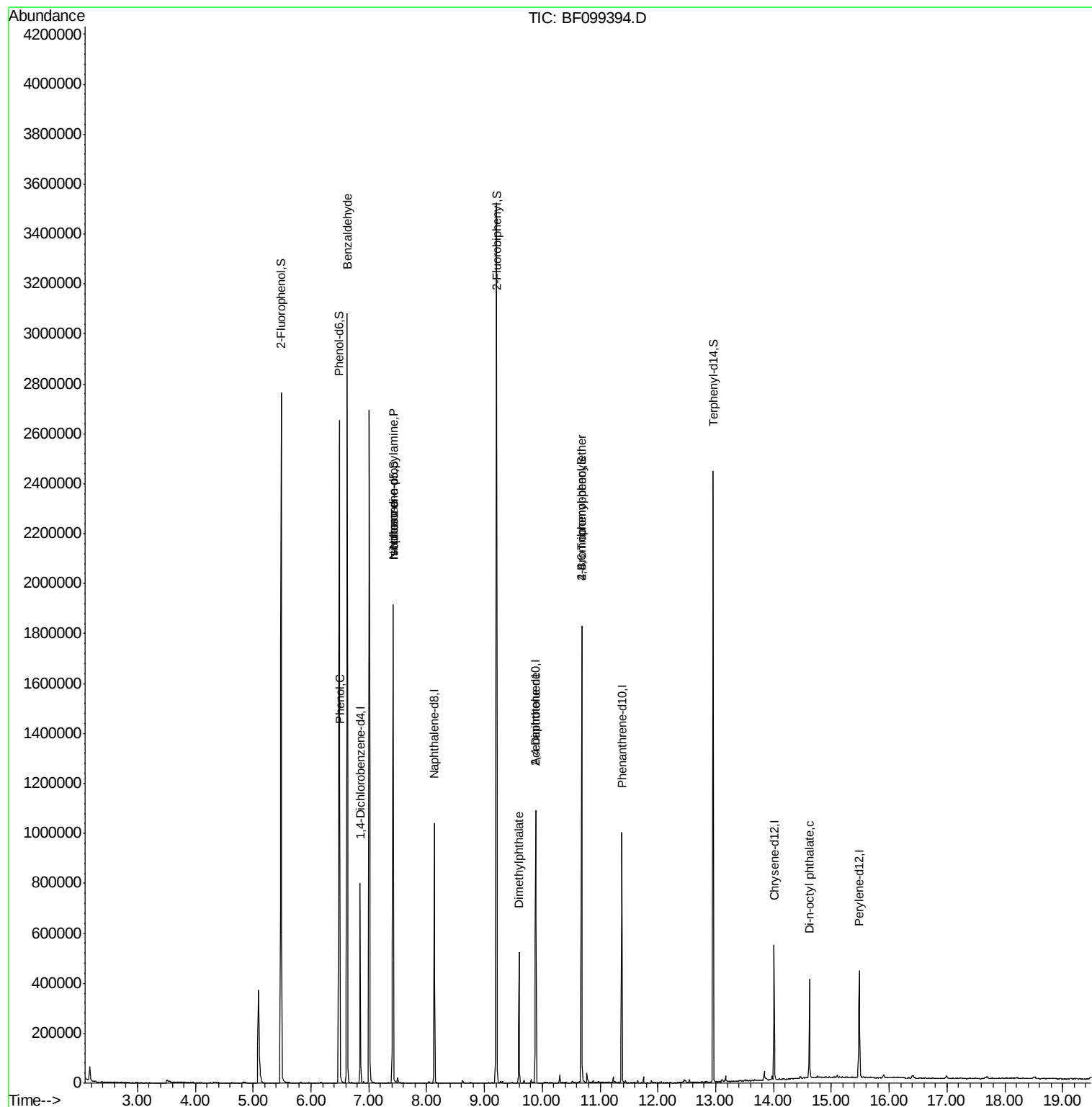
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110503	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	456434	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	199445	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	321718	20.00	ng	0.00
75) Chrysene-d12	14.01	240	177375	20.00	ng	0.00
86) Perylene-d12	15.48	264	185149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	959309	138.20	ng	0.01
7) Phenol-d6	6.49	99	1161407	135.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	706826	99.31	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	227280	139.26	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1177075	98.52	ng	0.00
78) Terphenyl-d14	12.96	244	784531	100.59	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18733	3.771	ng	88
10) Phenol	6.50	94	29990	3.131	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	89675	16.402	ng	# 73
25) Isophorone	7.42	82	706816	48.033	ng	# 64
49) Dimethylphthalate	9.60	163	201277	13.371	ng	99
56) 2,4-Dinitrotoluene	9.89	165	24861	5.845	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	14836	4.711	ng	# 1
84) Di-n-octyl phthalate	14.62	149	35464	2.516	ng	# 55

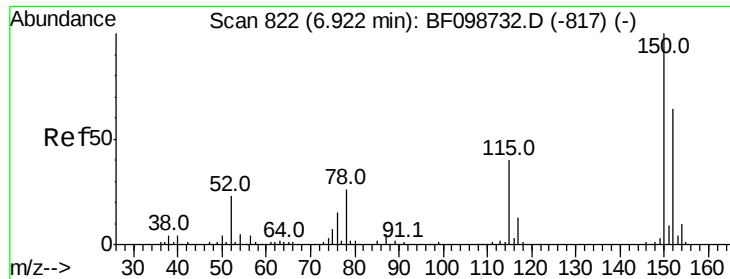
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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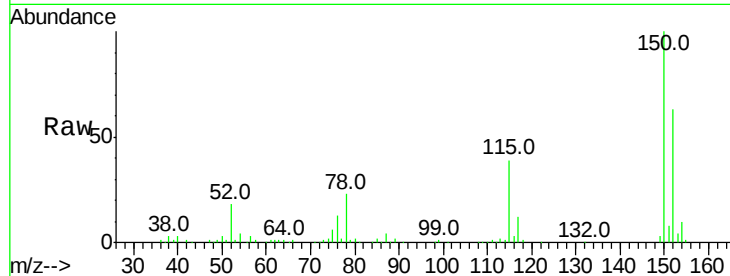


#1

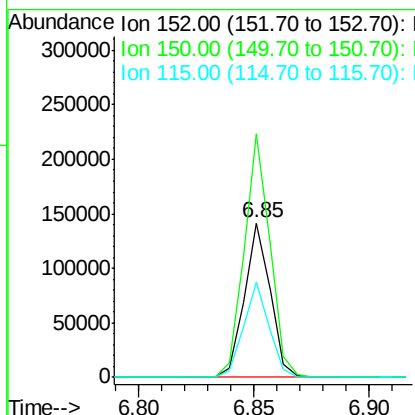
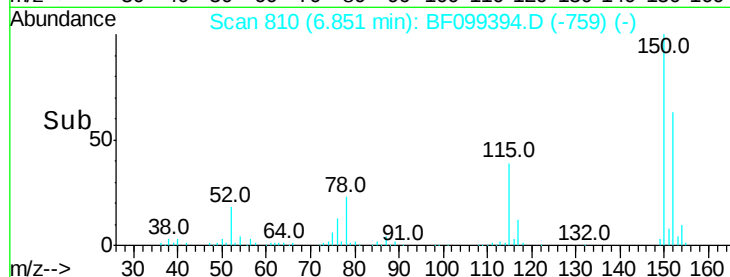
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099394.D
Acq: 12 Oct 2017 14:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110503
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 62.0 50.1 75.1



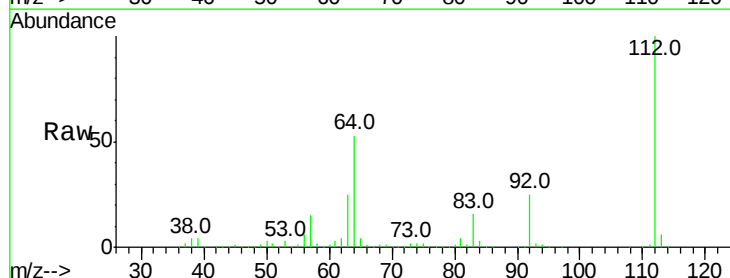
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



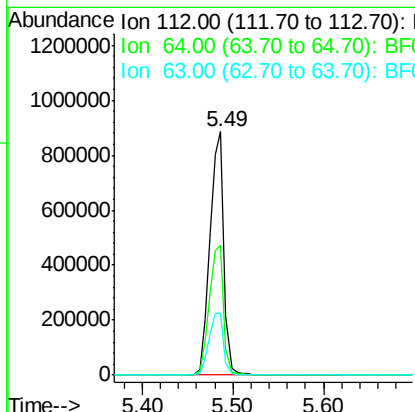
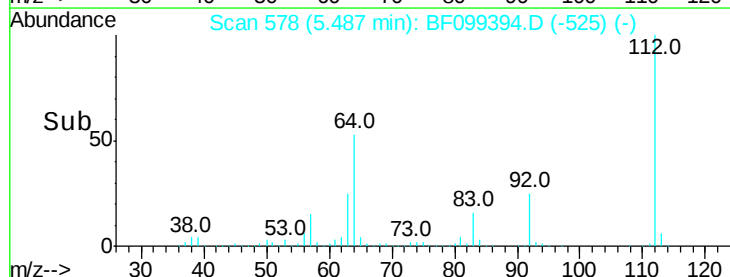
#5

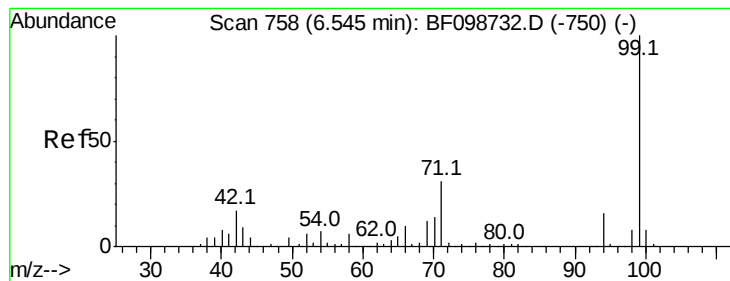
2-Fluorophenol
Concen: 138.198 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099394.D
Acq: 12 Oct 2017 14:33

Tgt Ion:112 Resp: 959309
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 25.3 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: 135.627 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

Instrument :

BNA_F

ClientSampled :

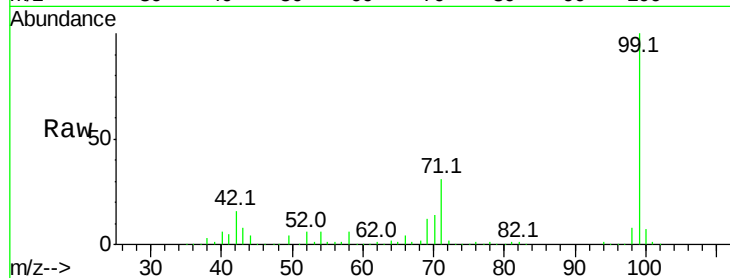
Tot Ion: 99 Resp: 1161407

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

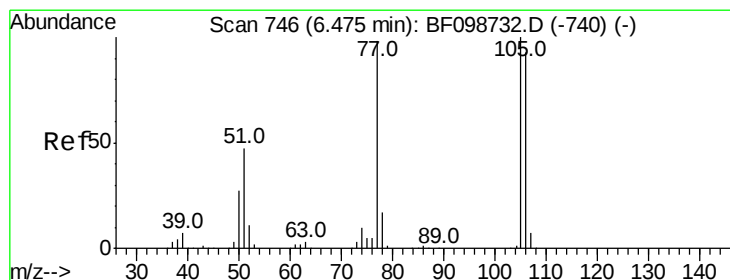
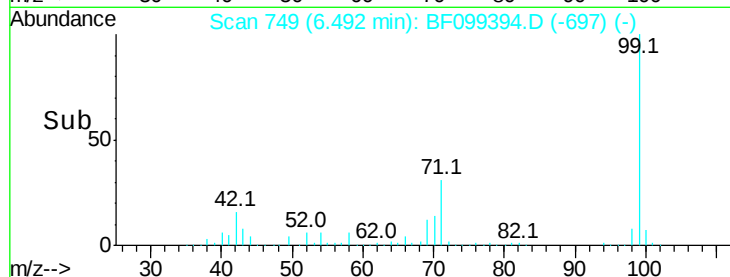
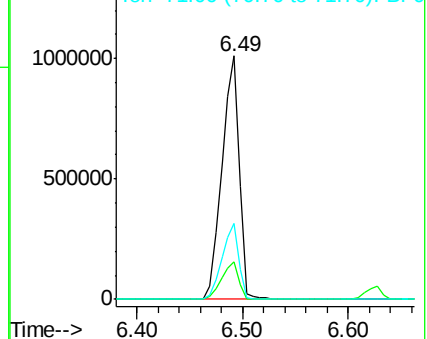
71 31.0 25.4 38.0



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: 3.771 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

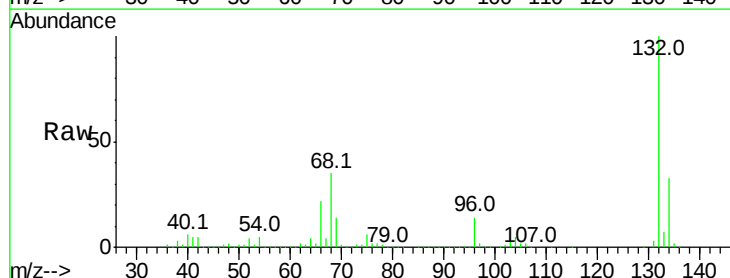
Tgt Ion: 77 Resp: 18733

Ion Ratio Lower Upper

77 100

105 85.6 81.1 121.1

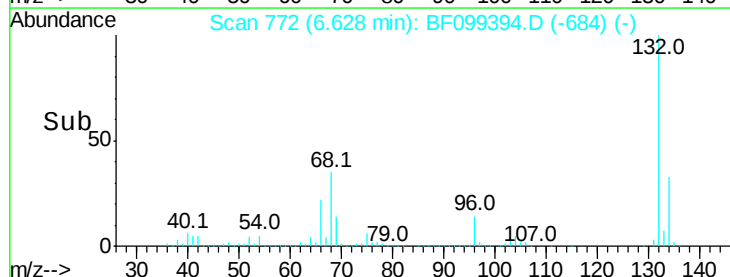
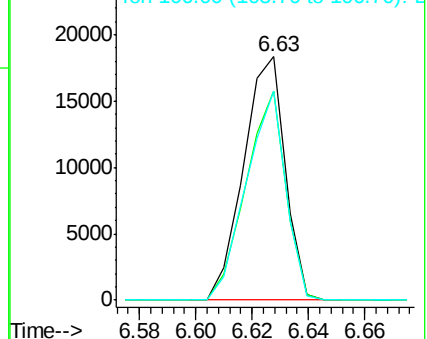
106 85.7 74.5 114.5

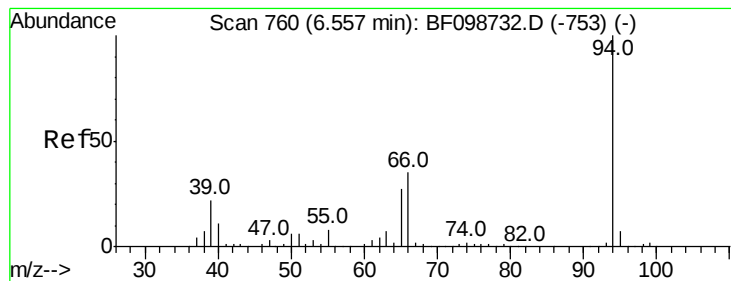


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.131 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

Instrument :

BNA_F

ClientSampled :

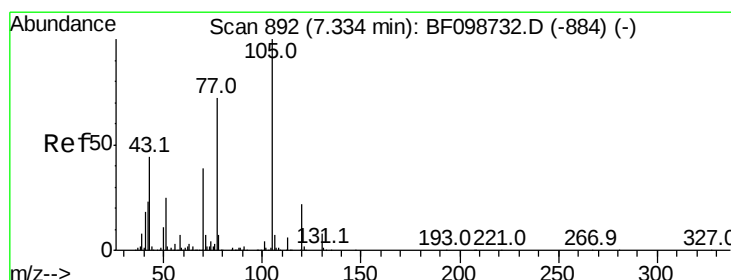
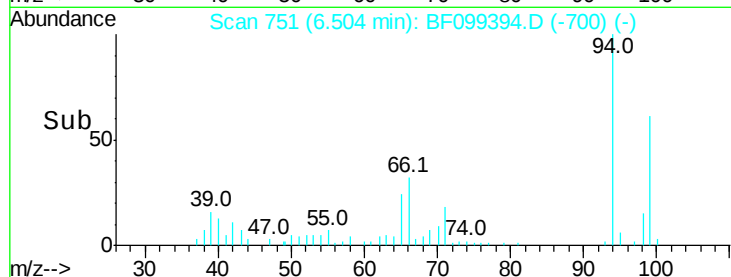
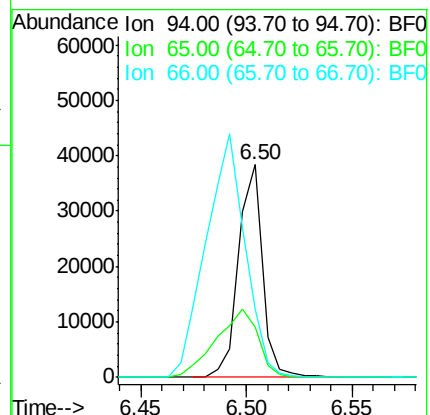
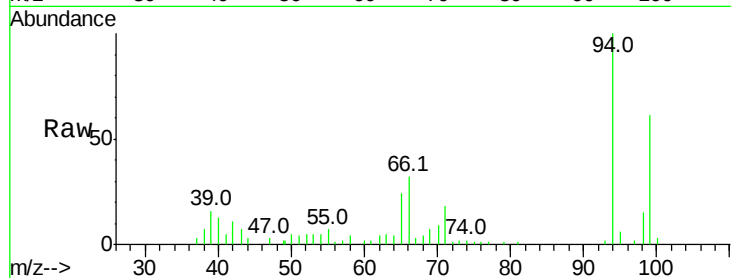
Tot Ion: 94 Resp: 29990

Ion Ratio Lower Upper

94 100

65 23.8 7.9 47.9

66 31.9 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.402 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

Tgt Ion: 70 Resp: 89675

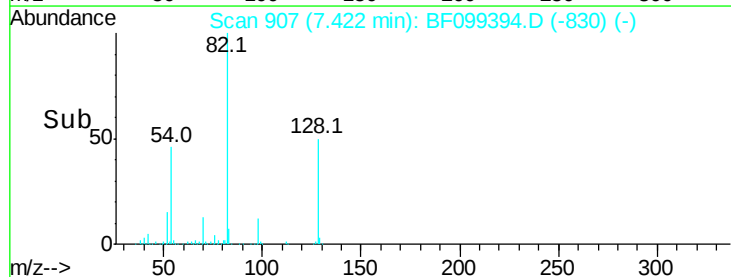
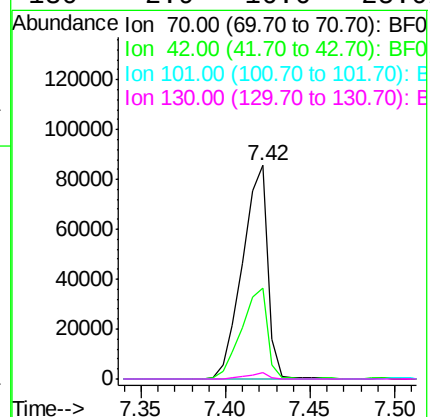
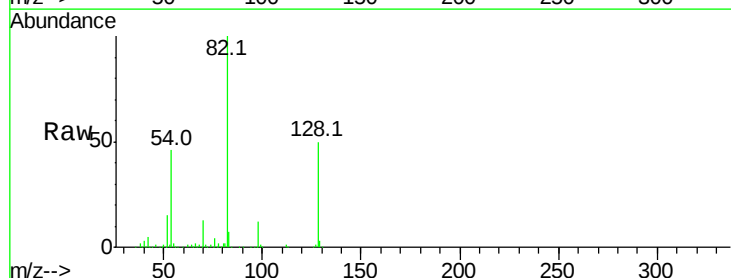
Ion Ratio Lower Upper

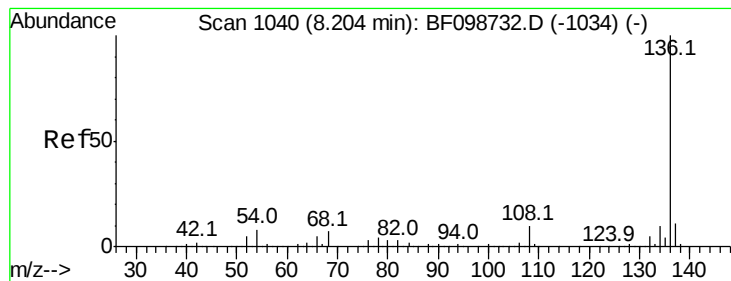
70 100

42 42.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 456434

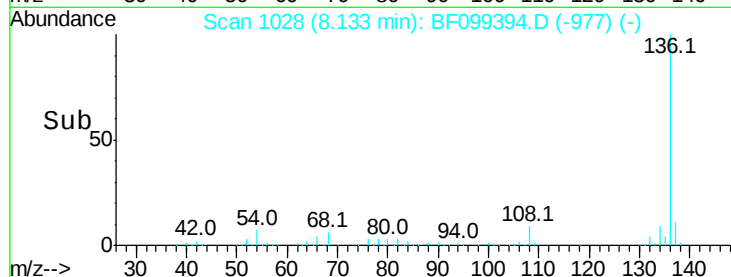
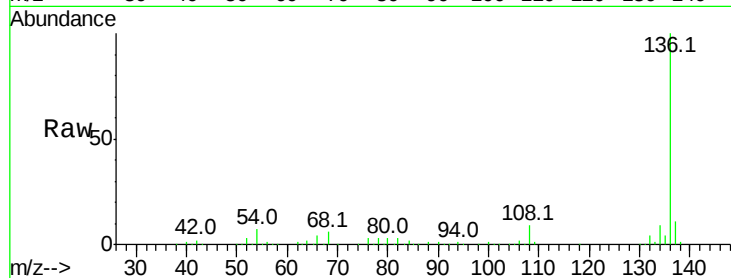
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.3 6.6 9.8

68 5.9 5.0 7.4

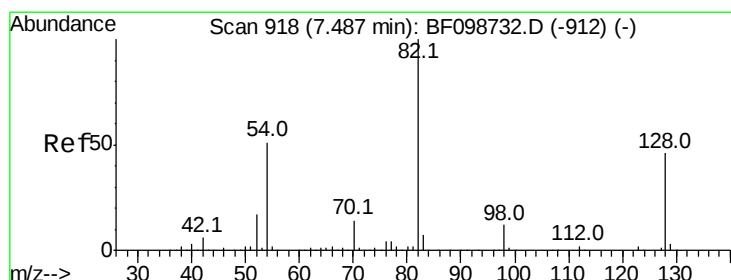
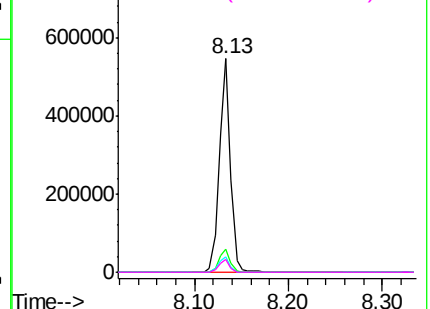


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.311 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

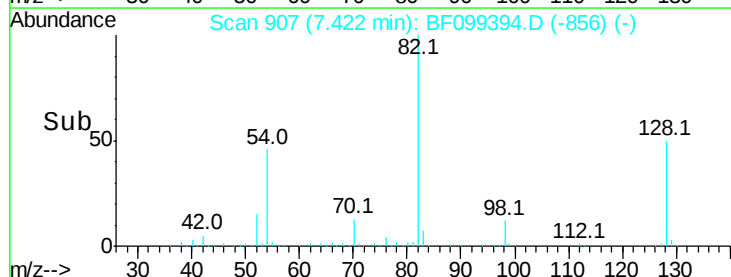
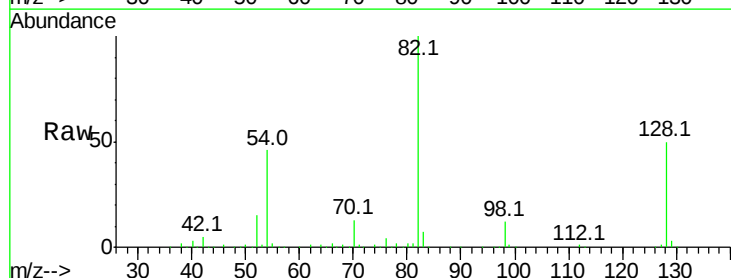
Tgt Ion: 82 Resp: 706826

Ion Ratio Lower Upper

82 100

128 49.9 36.1 54.1

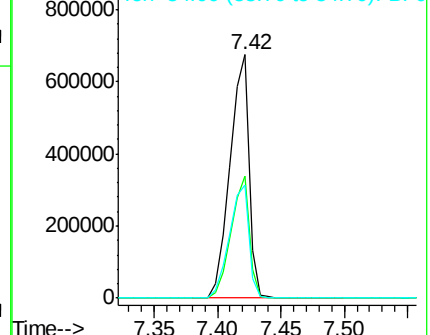
54 46.5 41.4 62.2

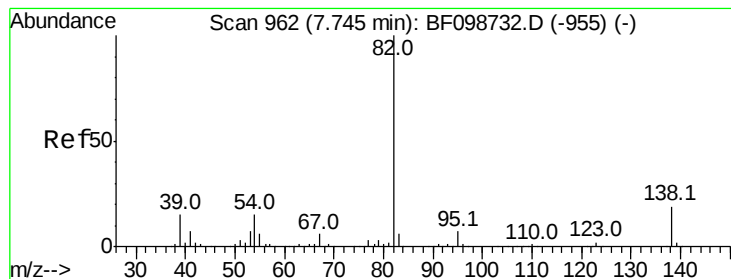


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.033 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

Instrument :

BNA_F

ClientSampleId :

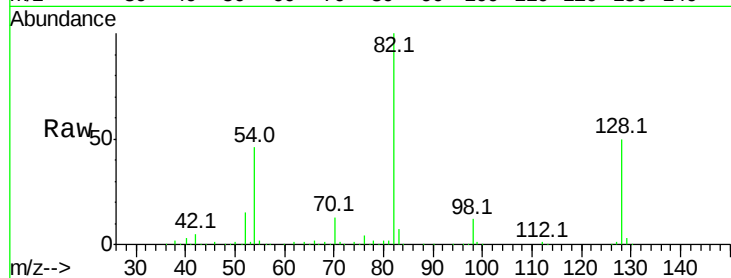
Tot Ion: 82 Resp: 706816

Ion Ratio Lower Upper

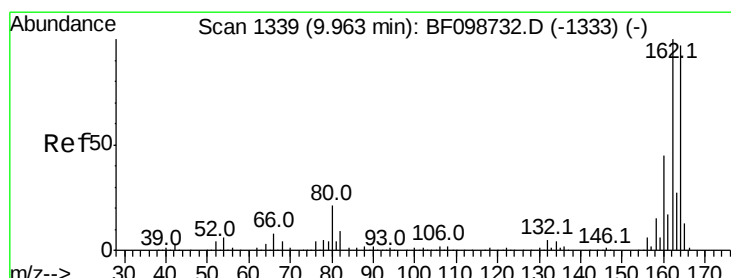
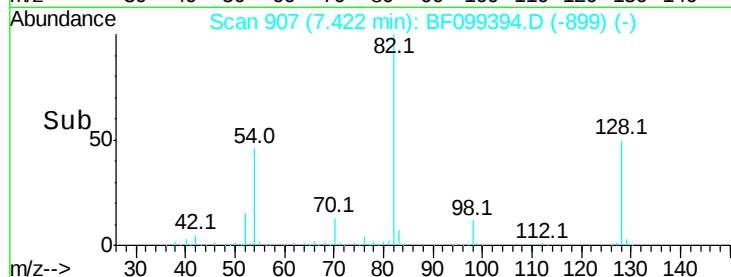
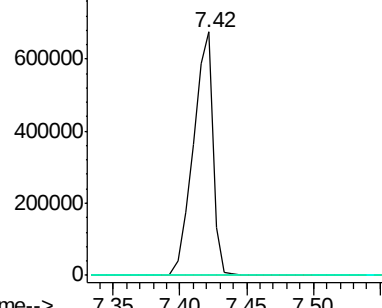
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

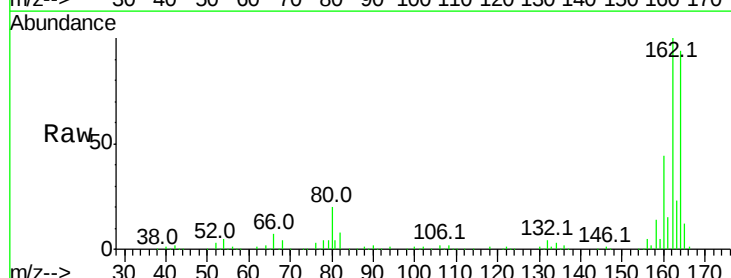
Tgt Ion:164 Resp: 199445

Ion Ratio Lower Upper

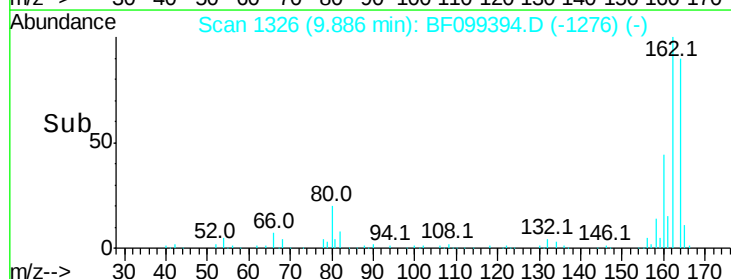
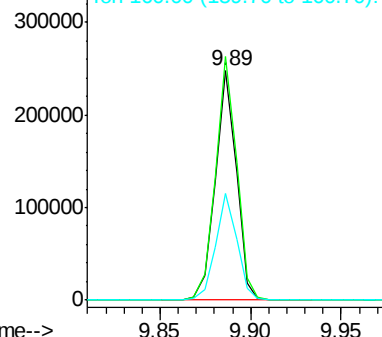
164 100

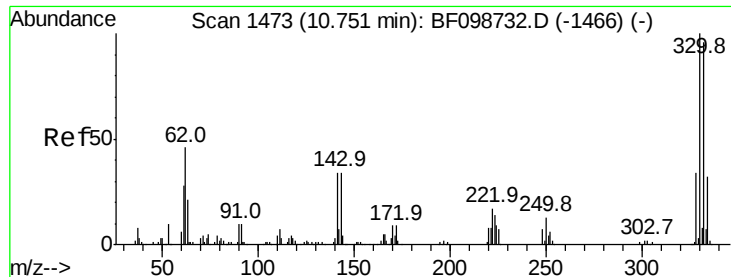
162 106.1 86.1 129.1

160 46.5 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

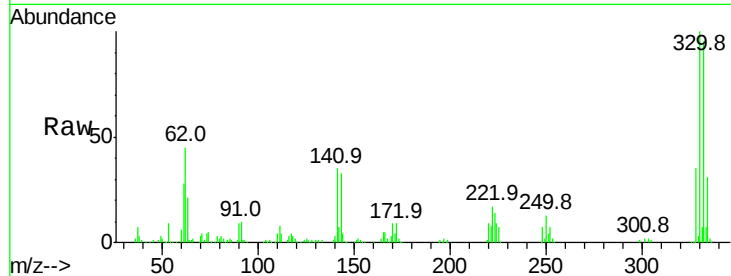




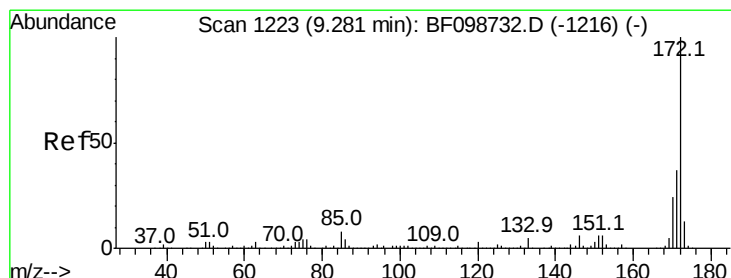
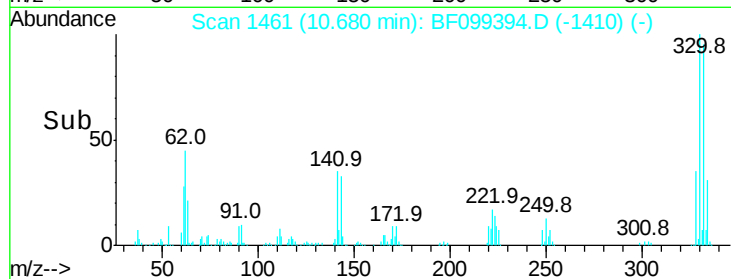
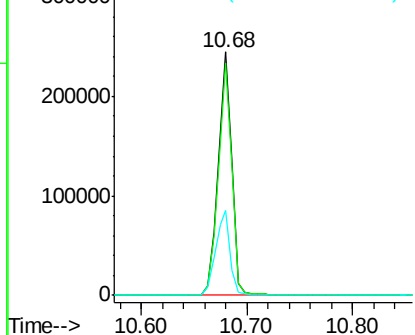
#41
 2,4,6-Tribromophenol
 Concen: 139.265 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099394.D
 Acq: 12 Oct 2017 14:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 227280
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 36.5 29.9 44.9

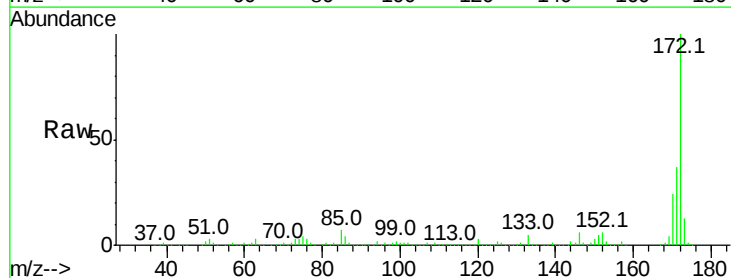


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

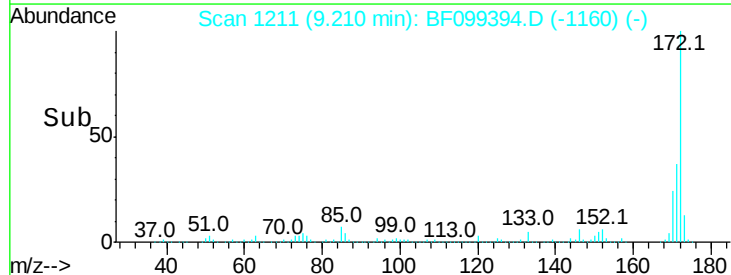
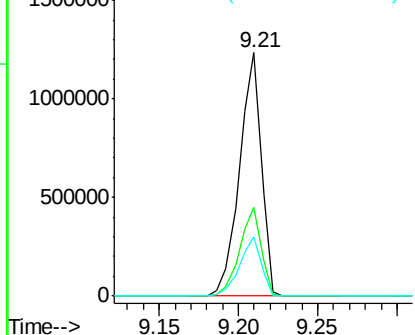


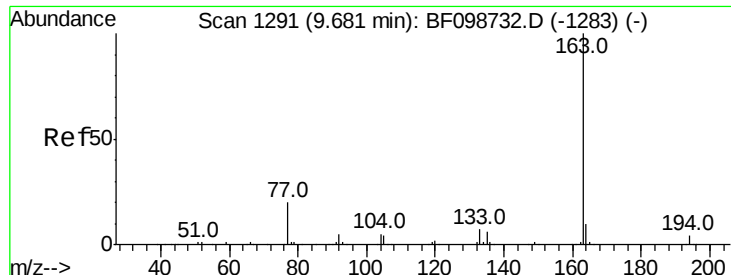
#44
 2-Fluorobiphenyl
 Concen: 98.525 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099394.D
 Acq: 12 Oct 2017 14:33

Tgt Ion:172 Resp: 1177075
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 19.6 29.4



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: 13.371 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

Instrument :

BNA_F

ClientSampleId :

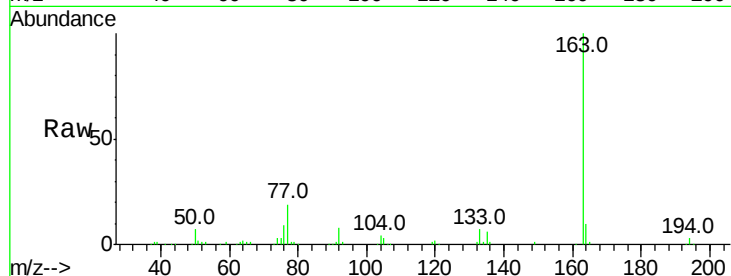
Tot Ion:163 Resp: 201277

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

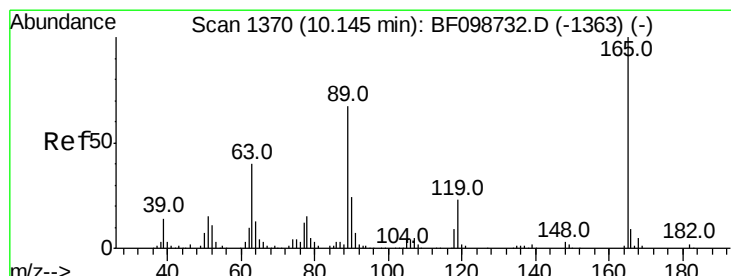
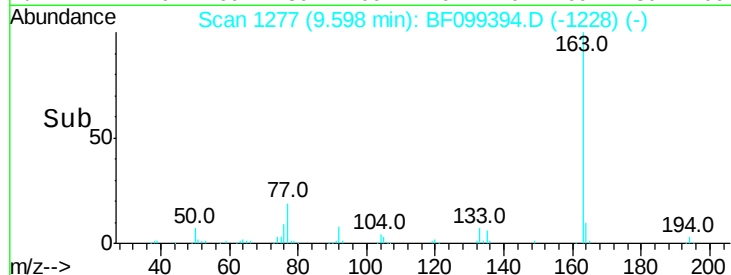
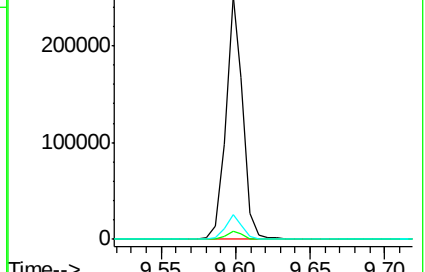
164 9.9 8.2 12.2



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: 5.845 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.20 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

Tgt Ion:165 Resp: 24861

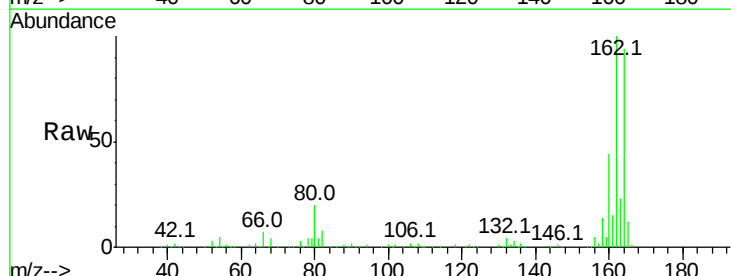
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.0 57.8 86.6#

182 0.0 1.6 2.4#

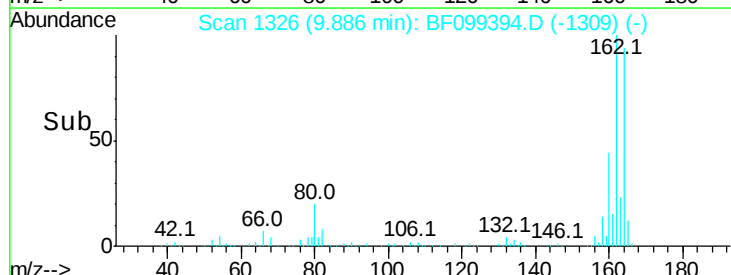
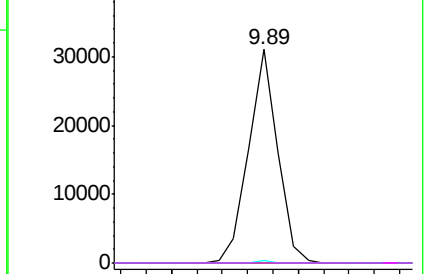


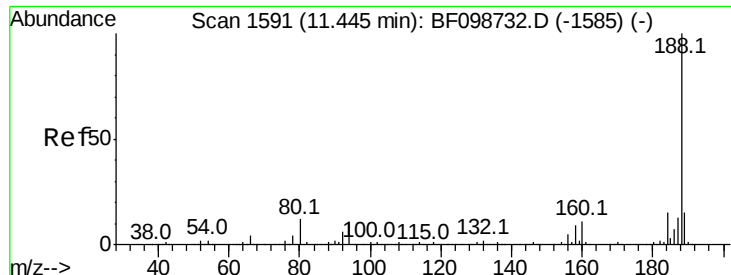
Abundance Ion 165.00 (164.70 to 165.70): E

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

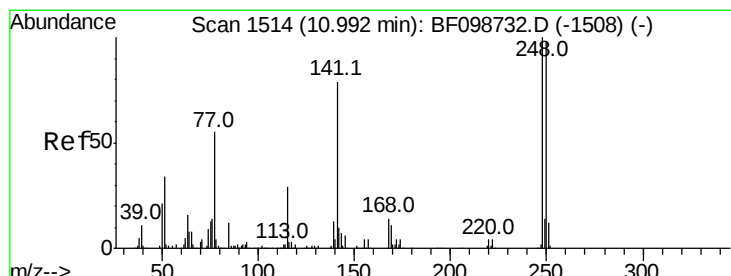
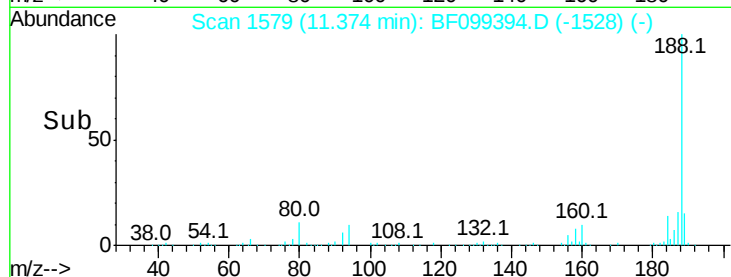
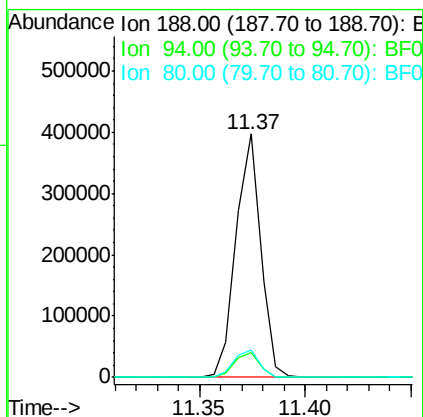
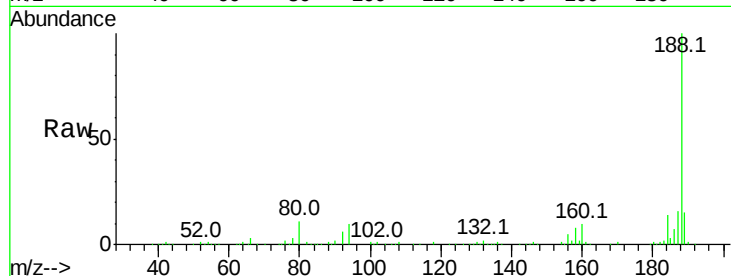




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099394.D
 Acq: 12 Oct 2017 14:33

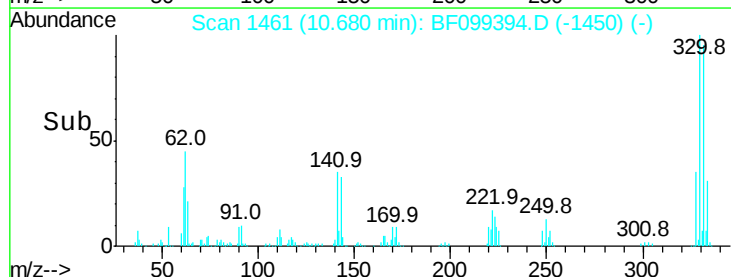
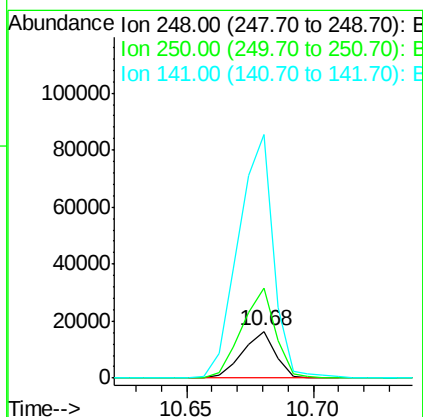
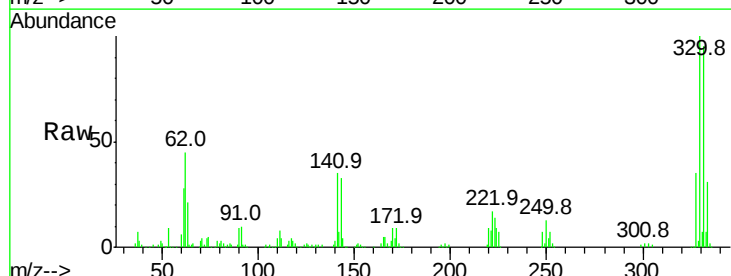
Instrument :
 BNA_F
 ClientSampleId :

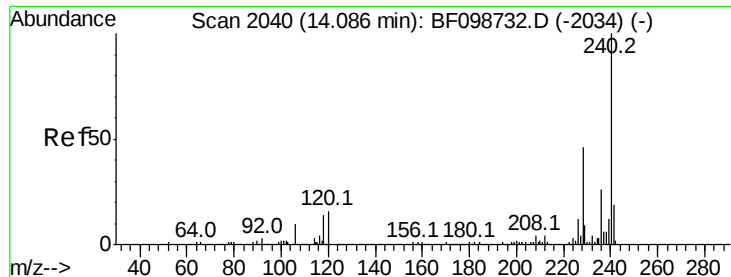
Tot Ion:188 Resp: 321718
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 11.2 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.711 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099394.D
 Acq: 12 Oct 2017 14:33

Tgt Ion:248 Resp: 14836
 Ion Ratio Lower Upper
 248 100
 250 192.5 76.9 115.3#
 141 519.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

Instrument :

BNA_F

ClientSampleId :

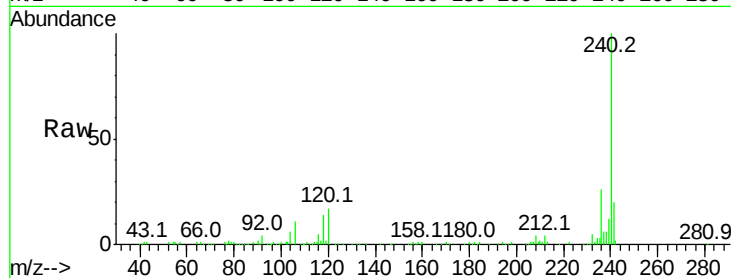
Tot Ion:240 Resp: 177375

Ion Ratio Lower Upper

240 100

120 16.8 9.5 14.3#

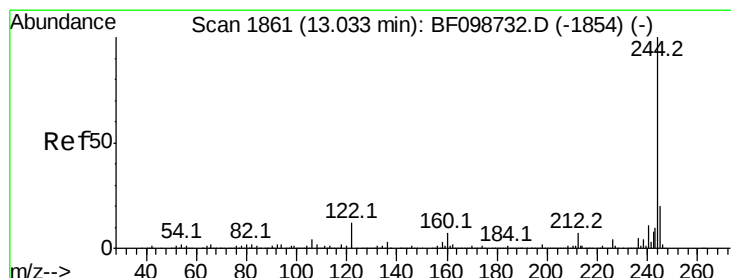
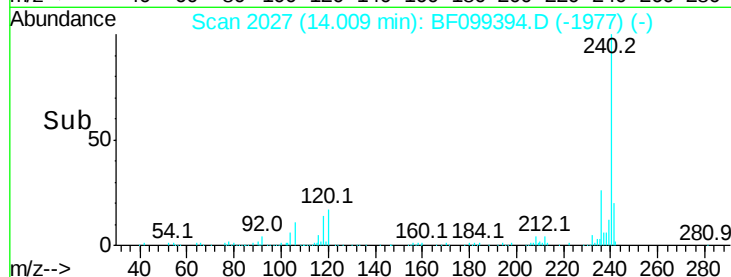
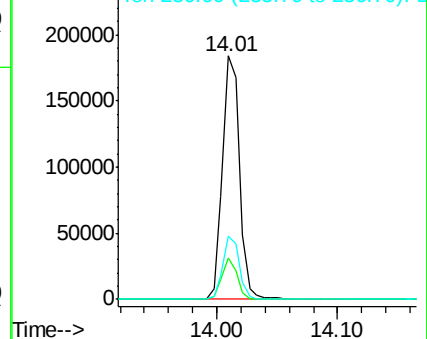
236 26.1 20.7 31.1



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: 100.588 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

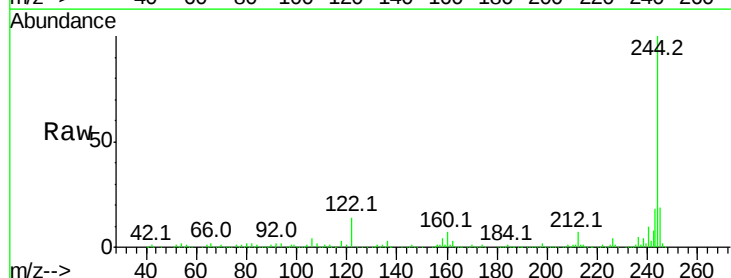
Tgt Ion:244 Resp: 784531

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

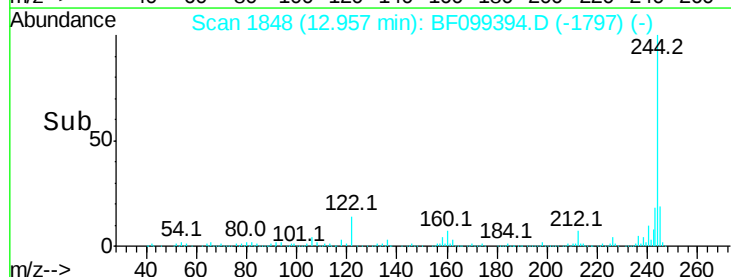
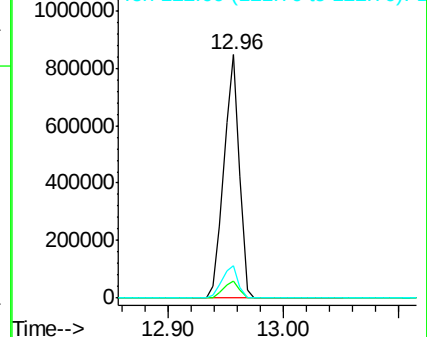
122 13.5 11.0 16.4

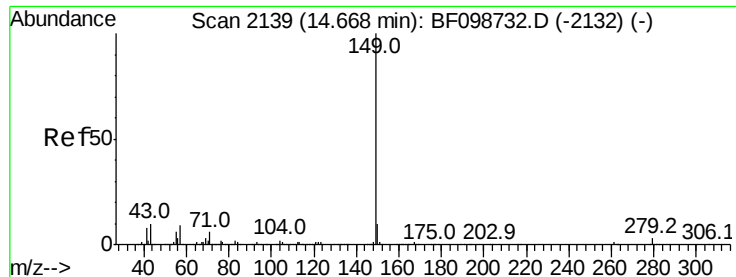


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 2.516 ng

RT: 14.62 min Scan# 2131

Delta R.T. 0.03 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

Instrument :

BNA_F

ClientSampleId :

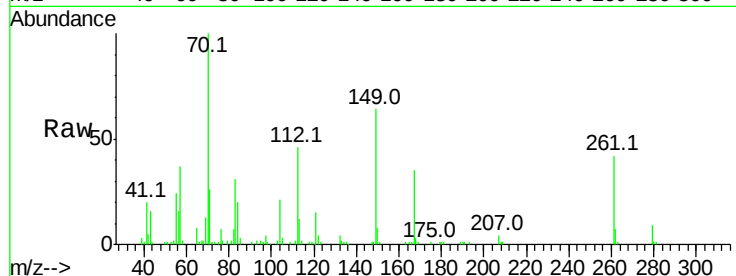
Tot Ion:149 Resp: 35464

Ion Ratio Lower Upper

149 100

167 51.4 1.2 1.8#

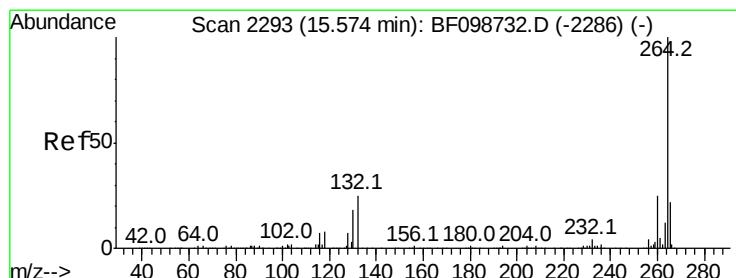
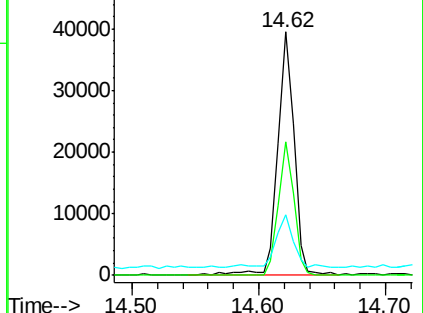
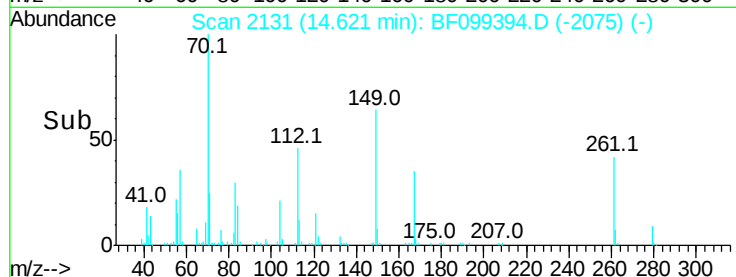
43 22.7 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF099394.D

Acq: 12 Oct 2017 14:33

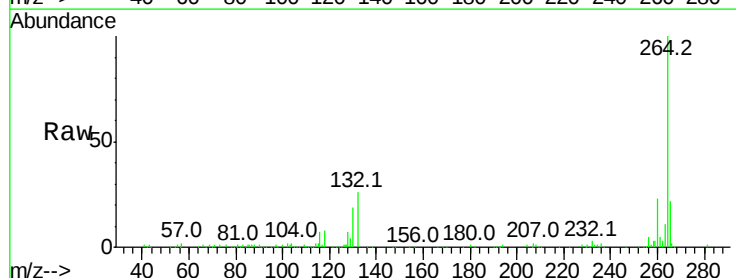
Tgt Ion:264 Resp: 185149

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.9 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

