

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099563.D
 Acq On : 17 Oct 2017 00:07
 Operator : SJ/JU
 Sample : I5841-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 02:31:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

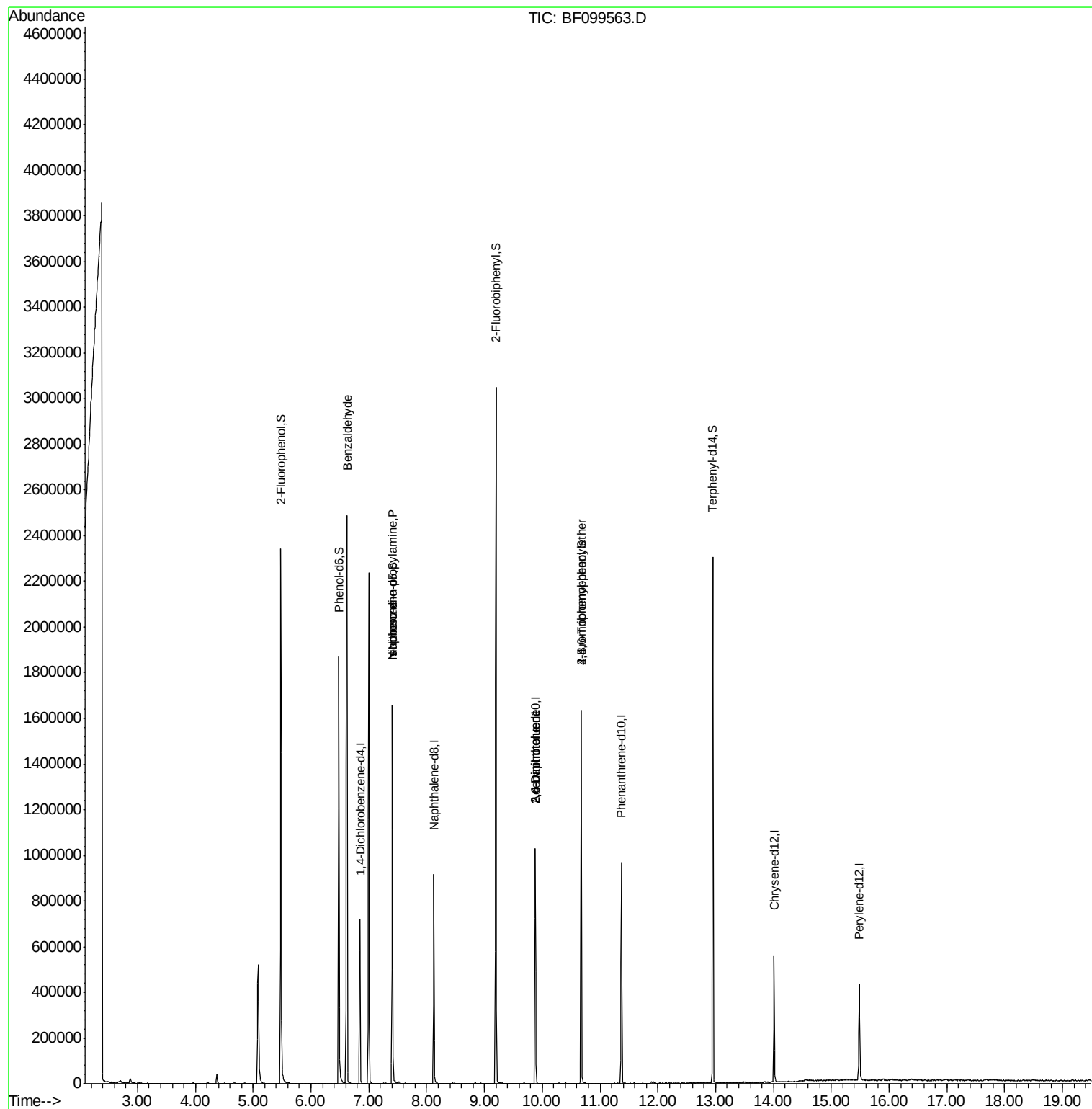
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108782	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	441398	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	196018	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	317207	20.00	ng	0.00
75) Chrysene-d12	14.01	240	184797	20.00	ng	0.00
86) Perylene-d12	15.49	264	194058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	750833	109.88	ng	0.01
7) Phenol-d6	6.48	99	827636	98.18	ng	0.00
23) Nitrobenzene-d5	7.41	82	591635	85.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	199820	124.58	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1077843	91.80	ng	-0.01
78) Terphenyl-d14	12.95	244	764936	94.14	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	15446	3.16	ng	89
19) n-Nitroso-di-n-propylamine	7.41	70	75783	14.08	ng	# 73
25) Isophorone	7.41	82	591628	41.58	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	24960	7.75	ng	# 26
56) 2,4-Dinitrotoluene	9.88	165	24960	5.97	ng	# 24
66) 4-Bromophenyl-phenylether	10.67	248	13145	4.23	ng	# 1

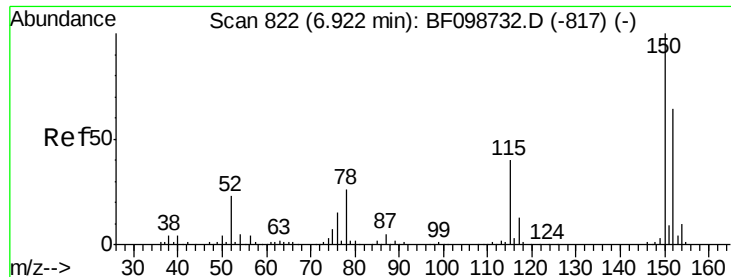
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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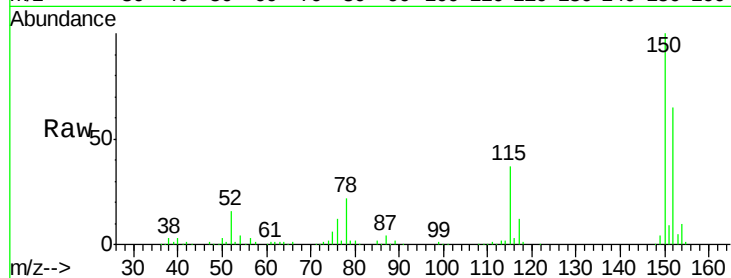


#1

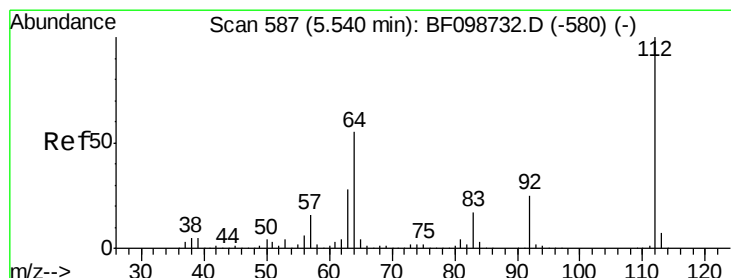
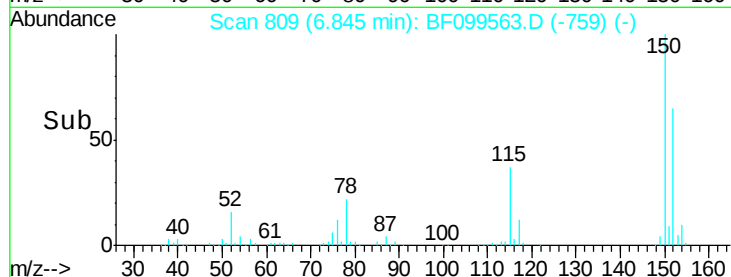
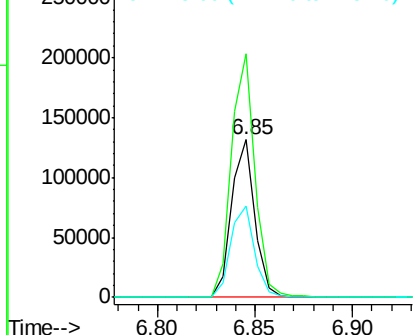
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099563.D
Acq: 17 Oct 2017 00:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108782
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 57.9 50.1 75.1



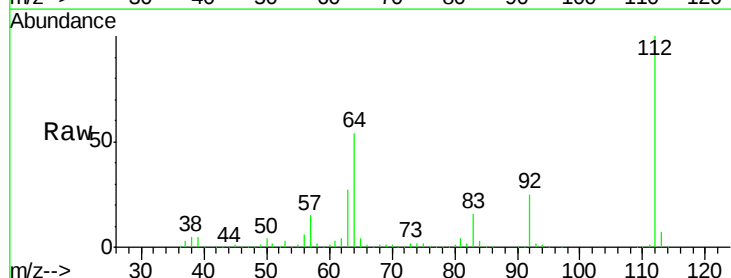
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



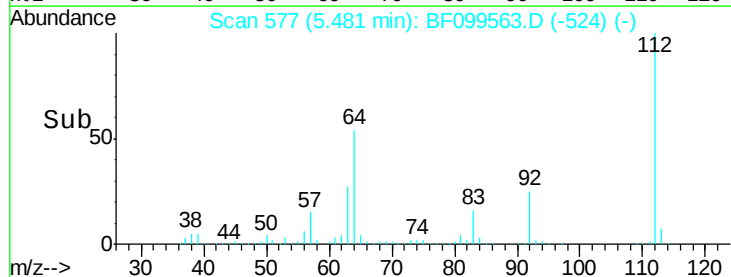
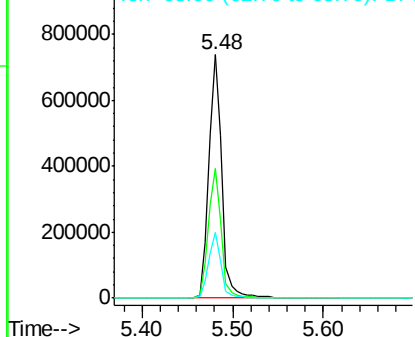
#5

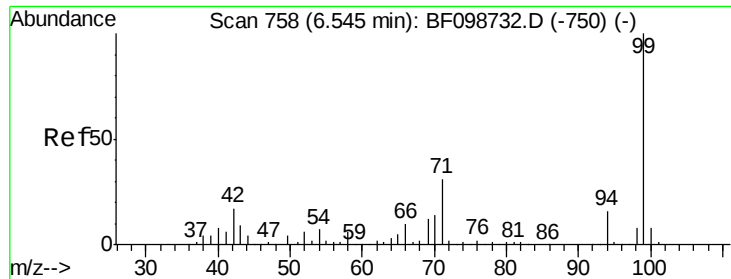
2-Fluorophenol
Concen: 109.88 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099563.D
Acq: 17 Oct 2017 00:07

Tgt Ion:112 Resp: 750833
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.8 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: 98.18 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

Instrument :

BNA_F

ClientSampled :

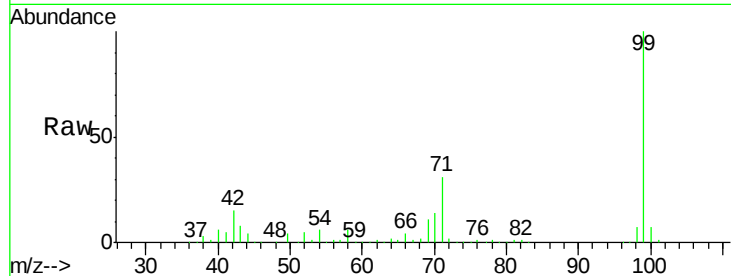
Tot Ion: 99 Resp: 827636

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

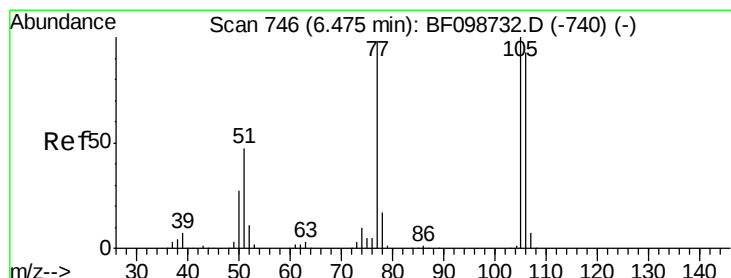
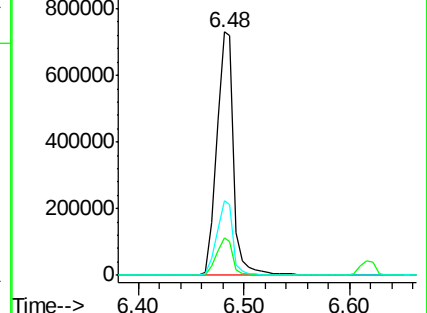
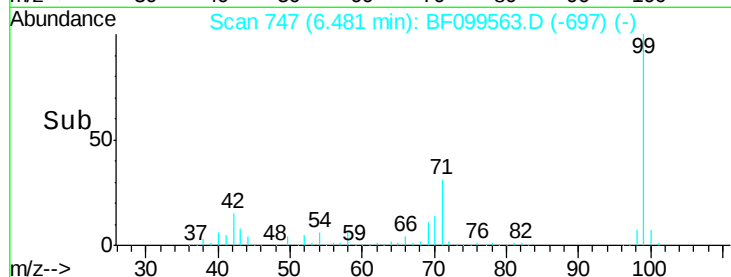
71 30.6 25.4 38.0



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: 3.16 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

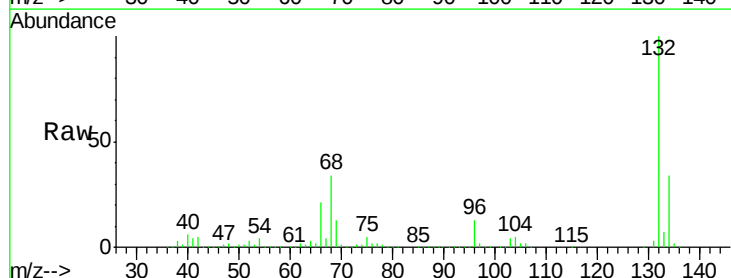
Tgt Ion: 77 Resp: 15446

Ion Ratio Lower Upper

77 100

105 86.2 81.1 121.1

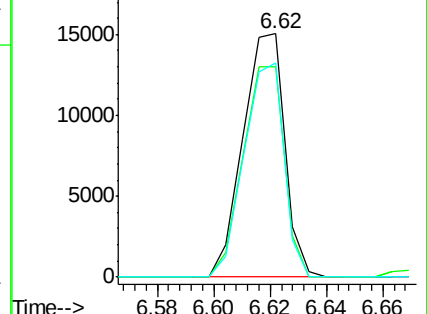
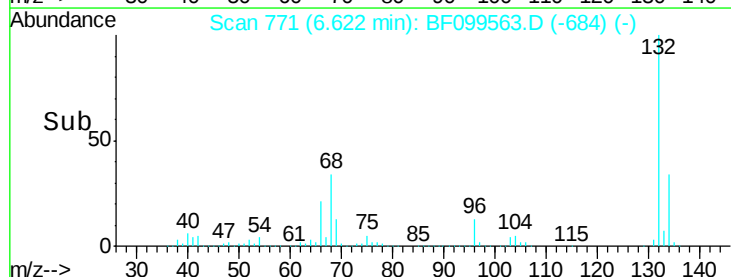
106 88.2 74.5 114.5

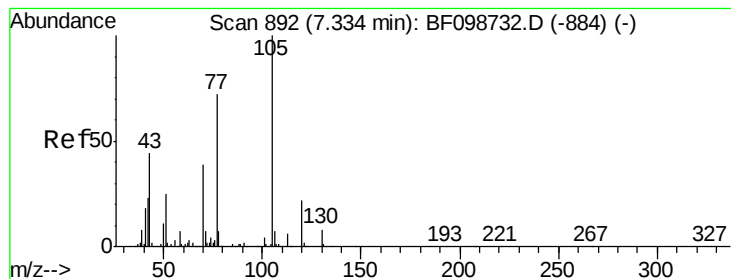


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 14.08 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 75783

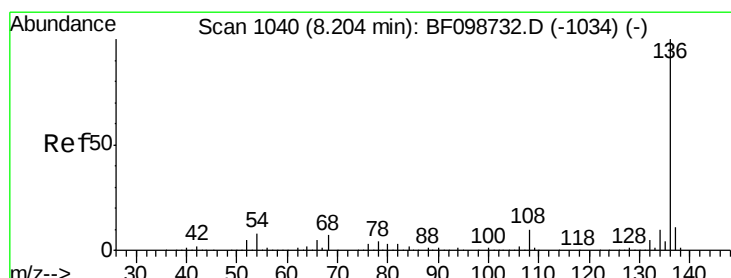
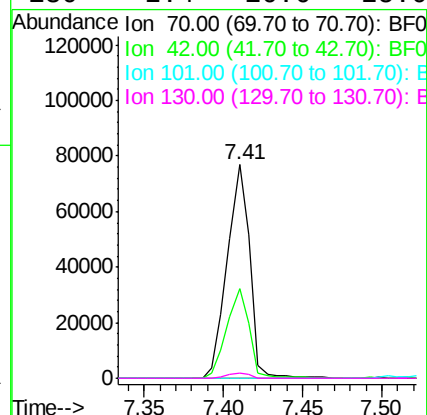
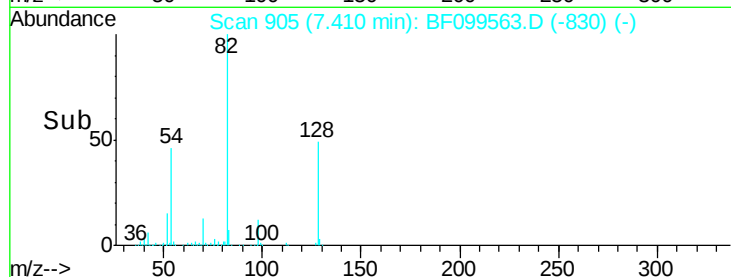
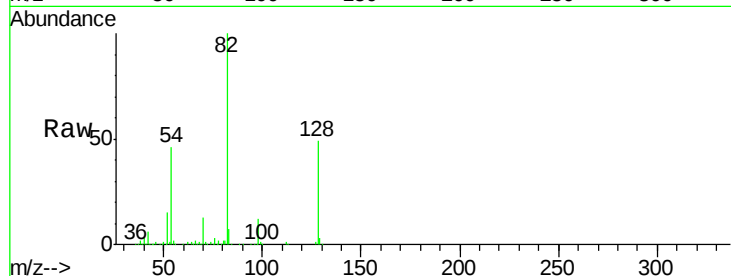
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

Tgt Ion: 136 Resp: 441398

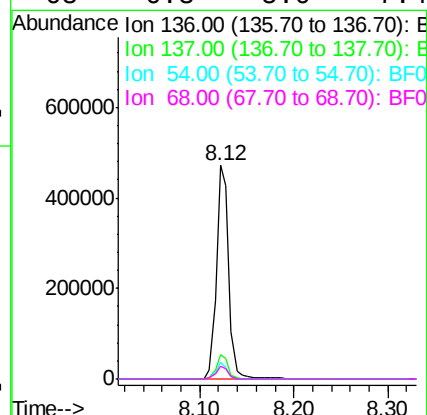
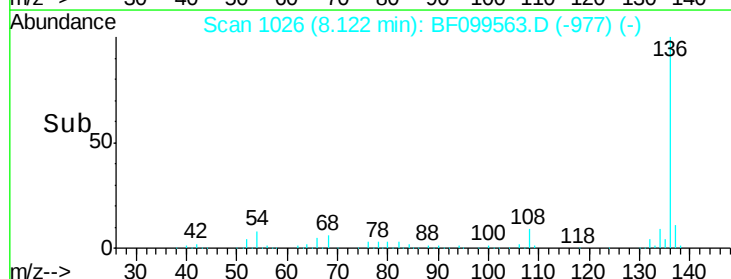
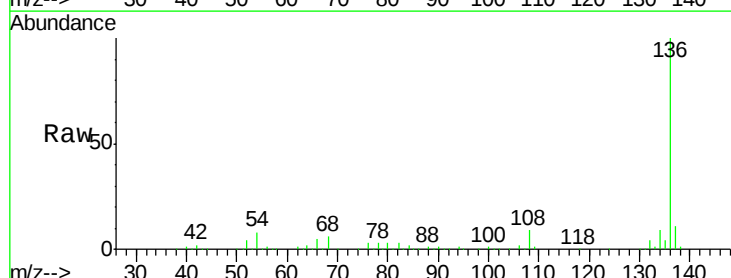
Ion Ratio Lower Upper

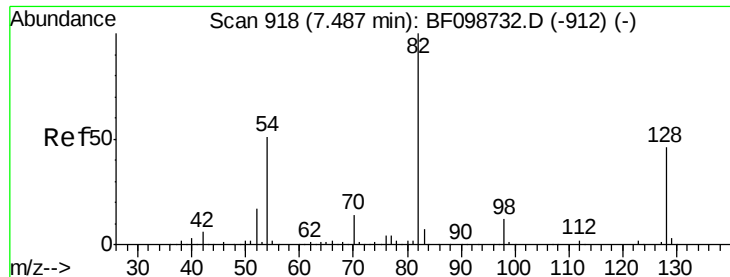
136 100

137 11.3 8.9 13.3

54 7.6 6.6 9.8

68 6.3 5.0 7.4

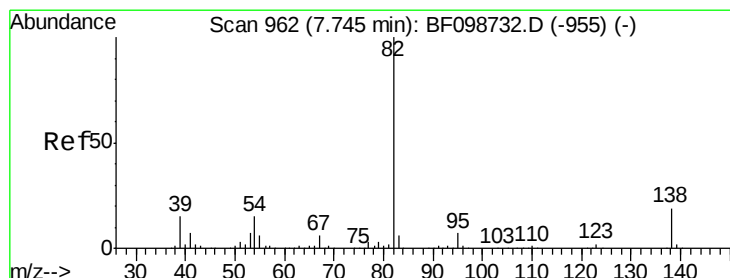
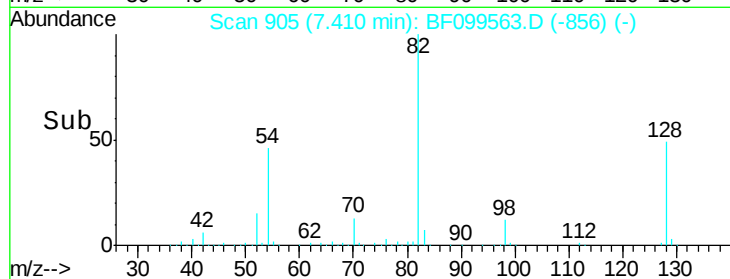
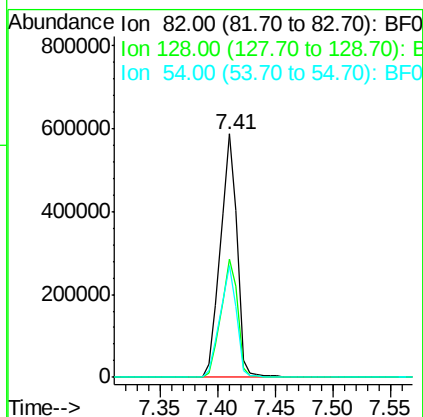
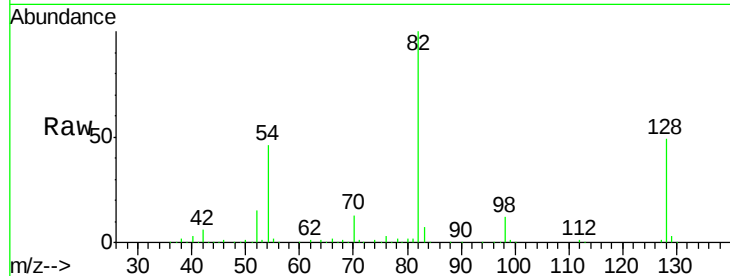




#23
 Nitrobenzene-d5
 Concen: 85.96 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

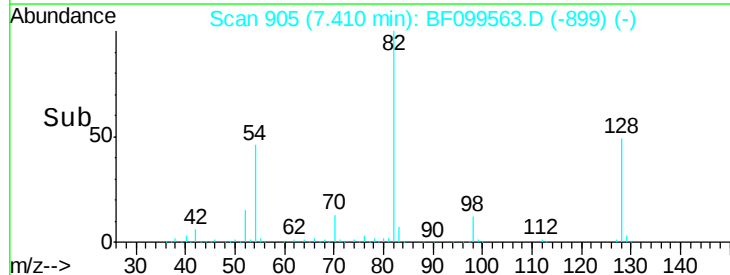
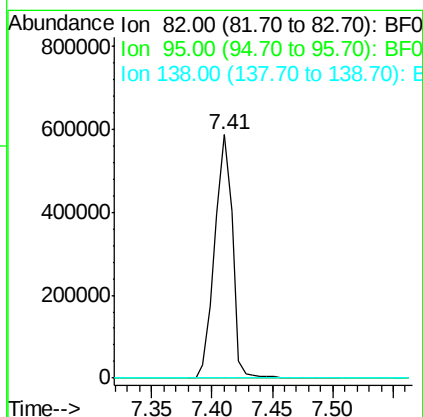
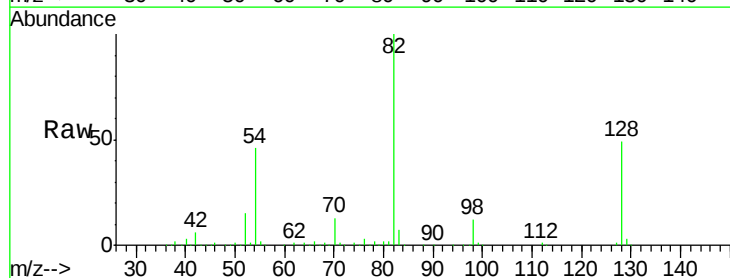
Instrument :
 BNA_F
 ClientSampled :

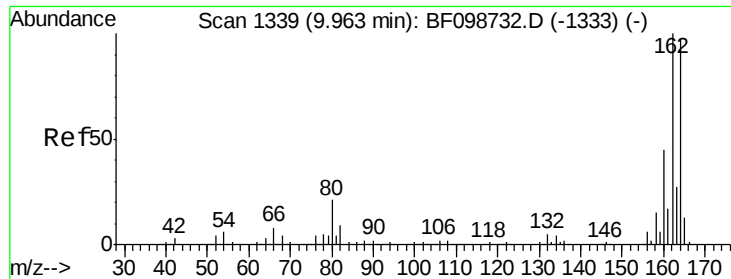
Tot Ion	82	Resp	591635
Ion Ratio	100	Lower	Upper
128	48.6	36.1	54.1
54	46.1	41.4	62.2



#25
 Isophorone
 Concen: 41.58 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Tgt Ion	82	Resp	591628
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

Instrument :

BNA_F

ClientSampleId :

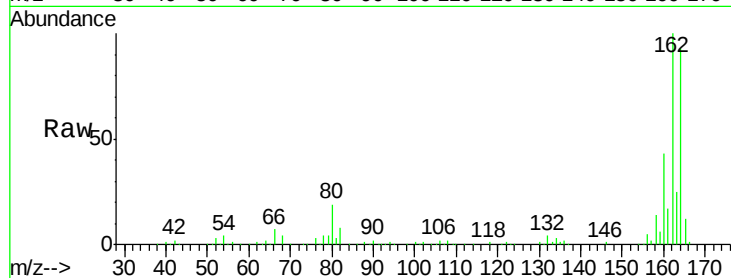
Tot Ion:164 Resp: 196018

Ion Ratio Lower Upper

164 100

162 107.6 86.1 129.1

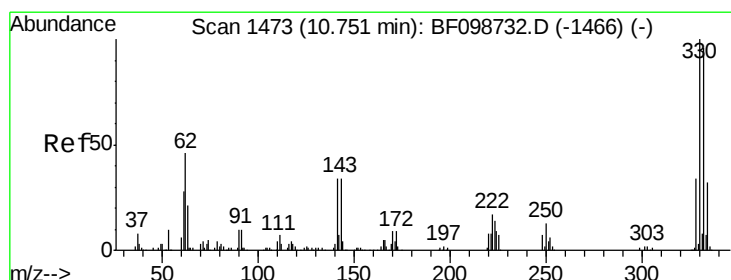
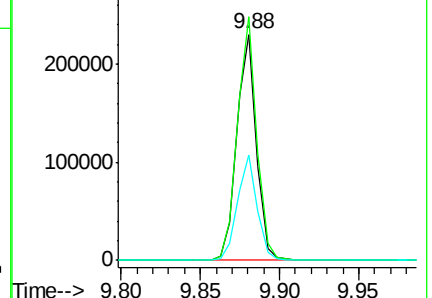
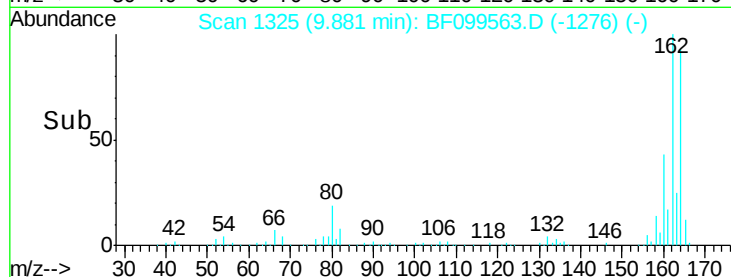
160 46.4 38.3 57.5



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: 124.58 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF099563.D

Acq: 17 Oct 2017 00:07

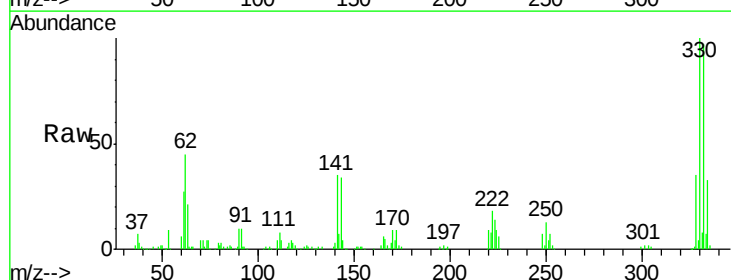
Tgt Ion:330 Resp: 199820

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

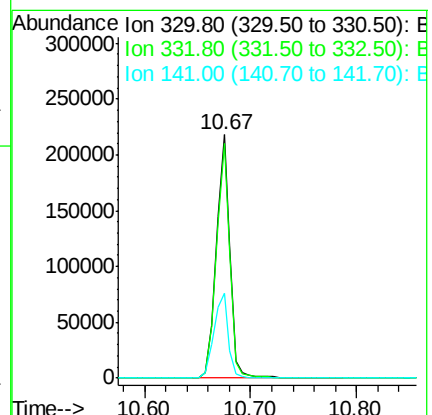
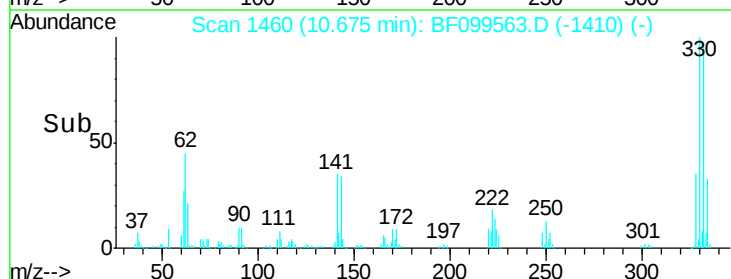
141 36.5 29.9 44.9

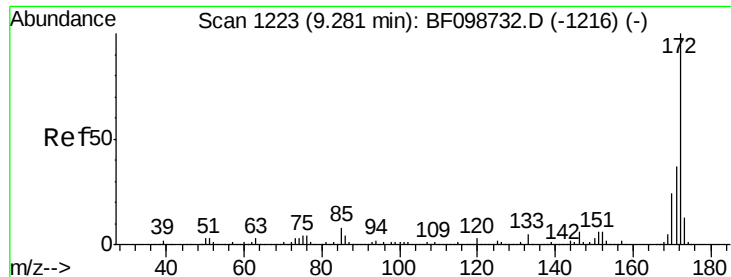


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

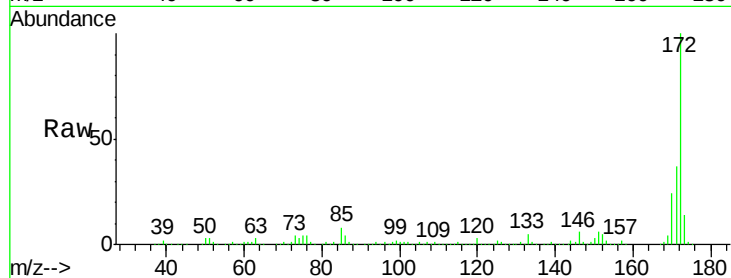




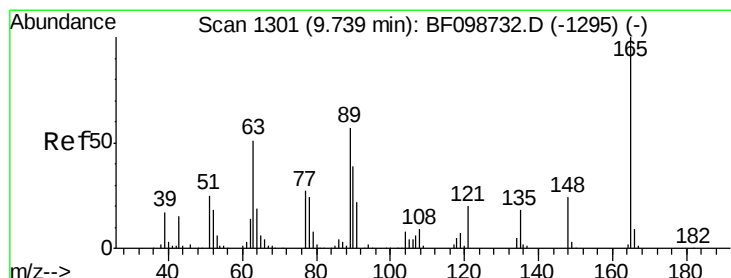
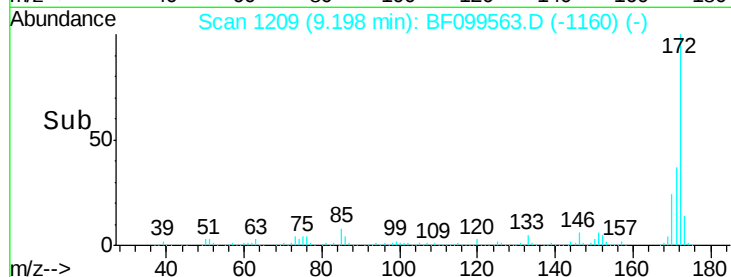
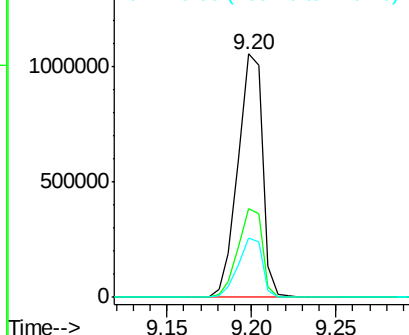
#44
 2-Fluorobiphenyl
 Concen: 91.80 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1077843
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.2 19.6 29.4

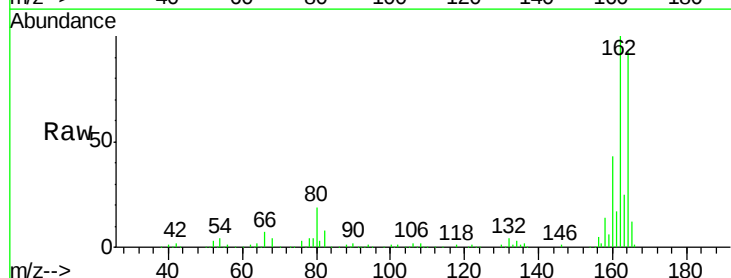


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

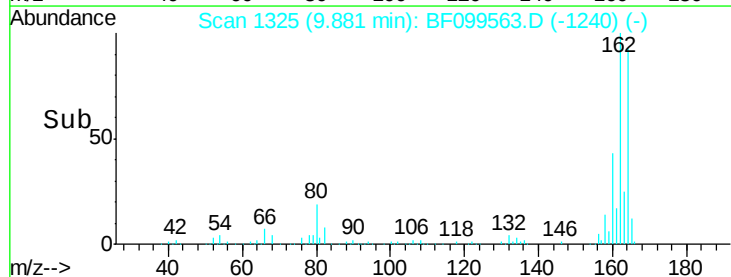
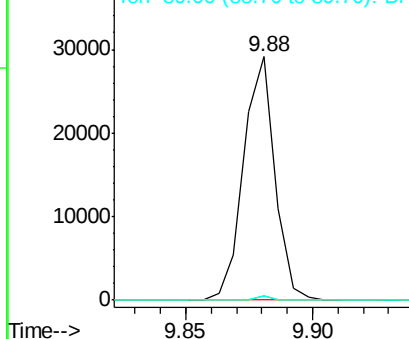


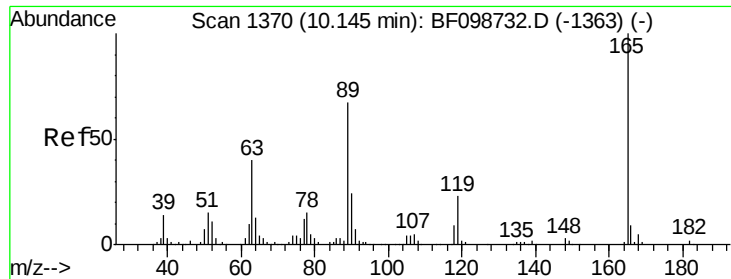
#50
 2,6-Dinitrotoluene
 Concen: 7.75 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.20 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Tgt Ion:165 Resp: 24960
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 1.6 44.0 66.0#



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

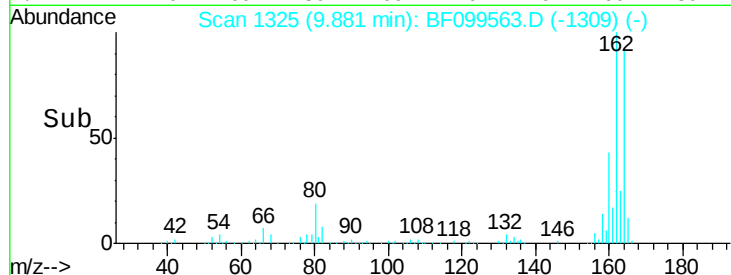
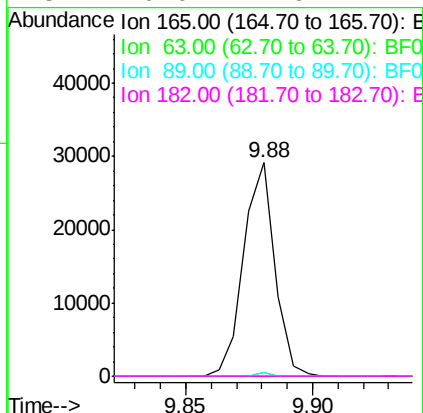
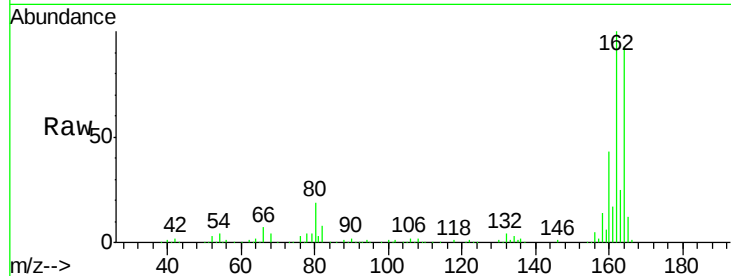




#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

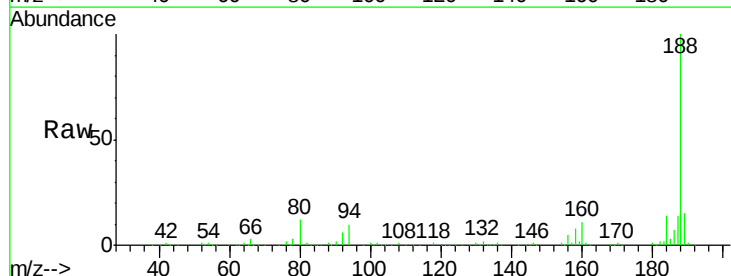
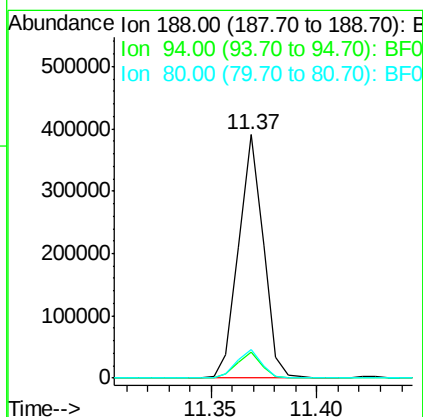
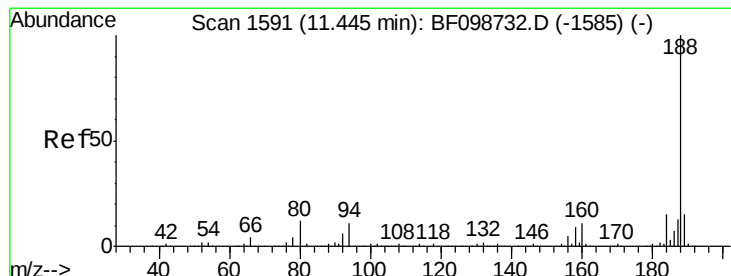
Instrument :
 BNA_F
 ClientSampleId :

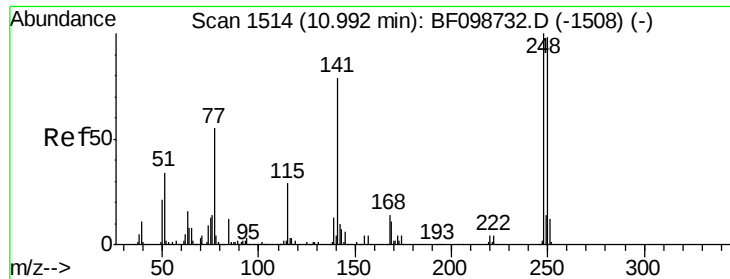
Tot Ion:165	Resp:	24960
Ion Ratio	Lower	Upper
165	100	
63	1.6	36.4 54.6#
89	1.6	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Tgt Ion:188	Resp:	317207
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	11.6	9.2 13.8

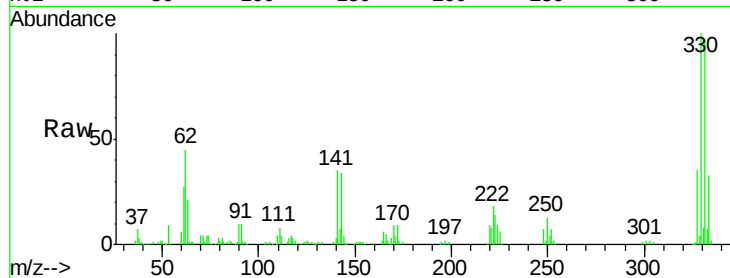




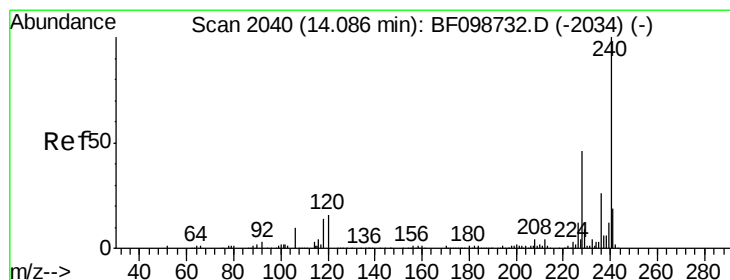
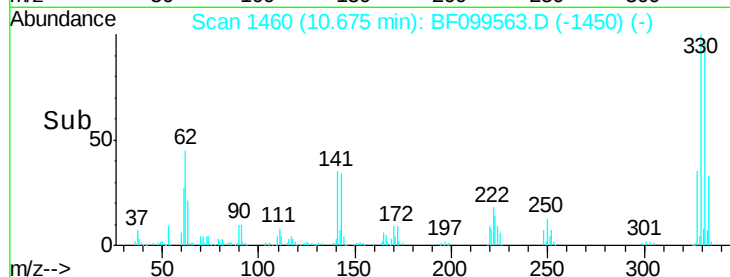
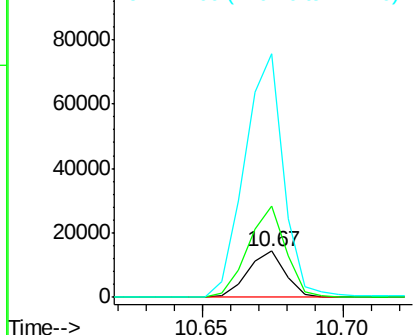
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099563.D
Acq: 17 Oct 2017 00:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13145
Ion Ratio Lower Upper
248 100
250 199.0 76.9 115.3#
141 528.8 74.4 111.6#

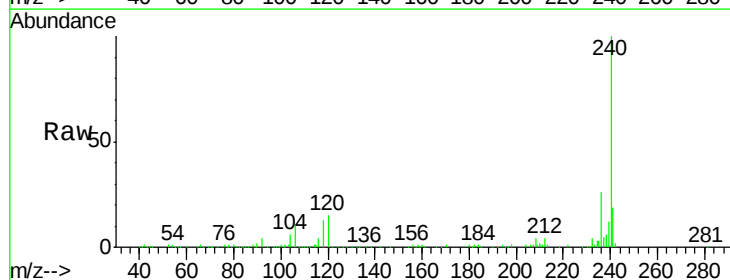


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

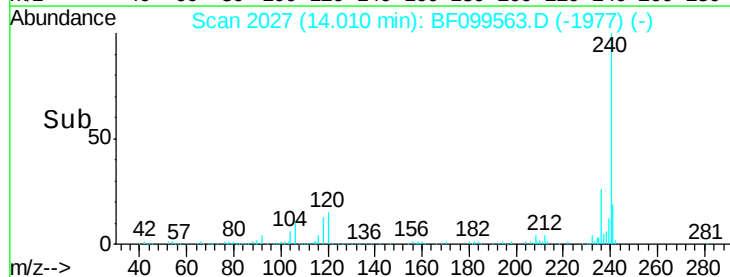
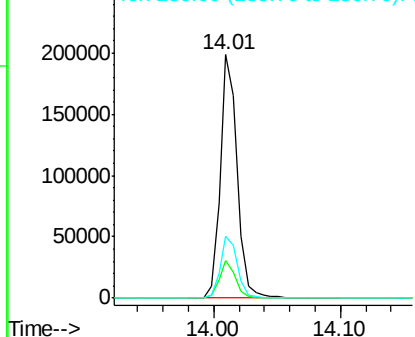


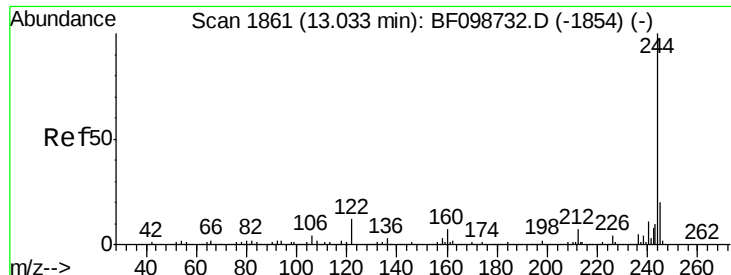
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099563.D
Acq: 17 Oct 2017 00:07

Tgt Ion:240 Resp: 184797
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.7 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

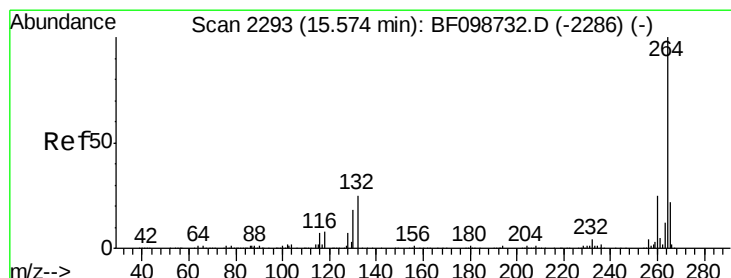
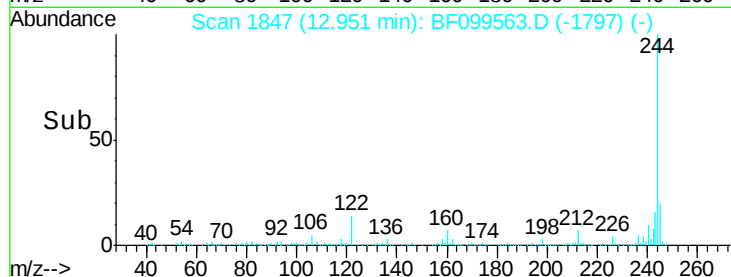
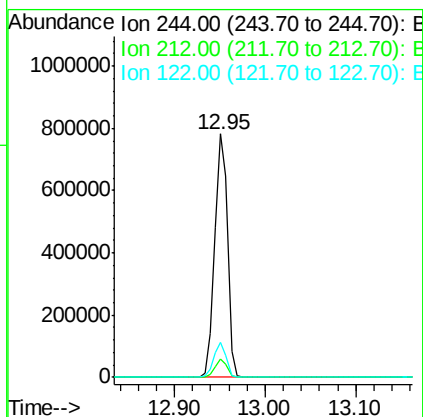
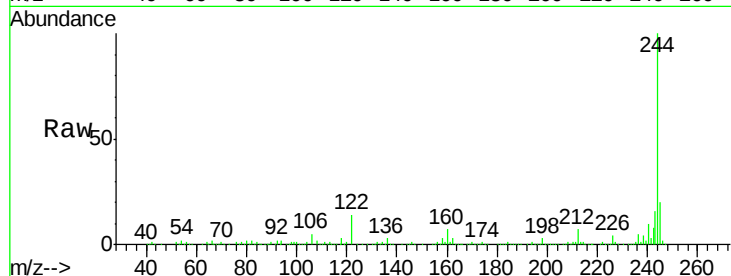




#78
 Terphenyl-d14
 Concen: 94.14 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 764936
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 14.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099563.D
 Acq: 17 Oct 2017 00:07

Tgt Ion:264 Resp: 194058
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.8 17.5 26.3

