

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099560.D
 Acq On : 16 Oct 2017 22:45
 Operator : SJ/JU
 Sample : I5782-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 02:30:33 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

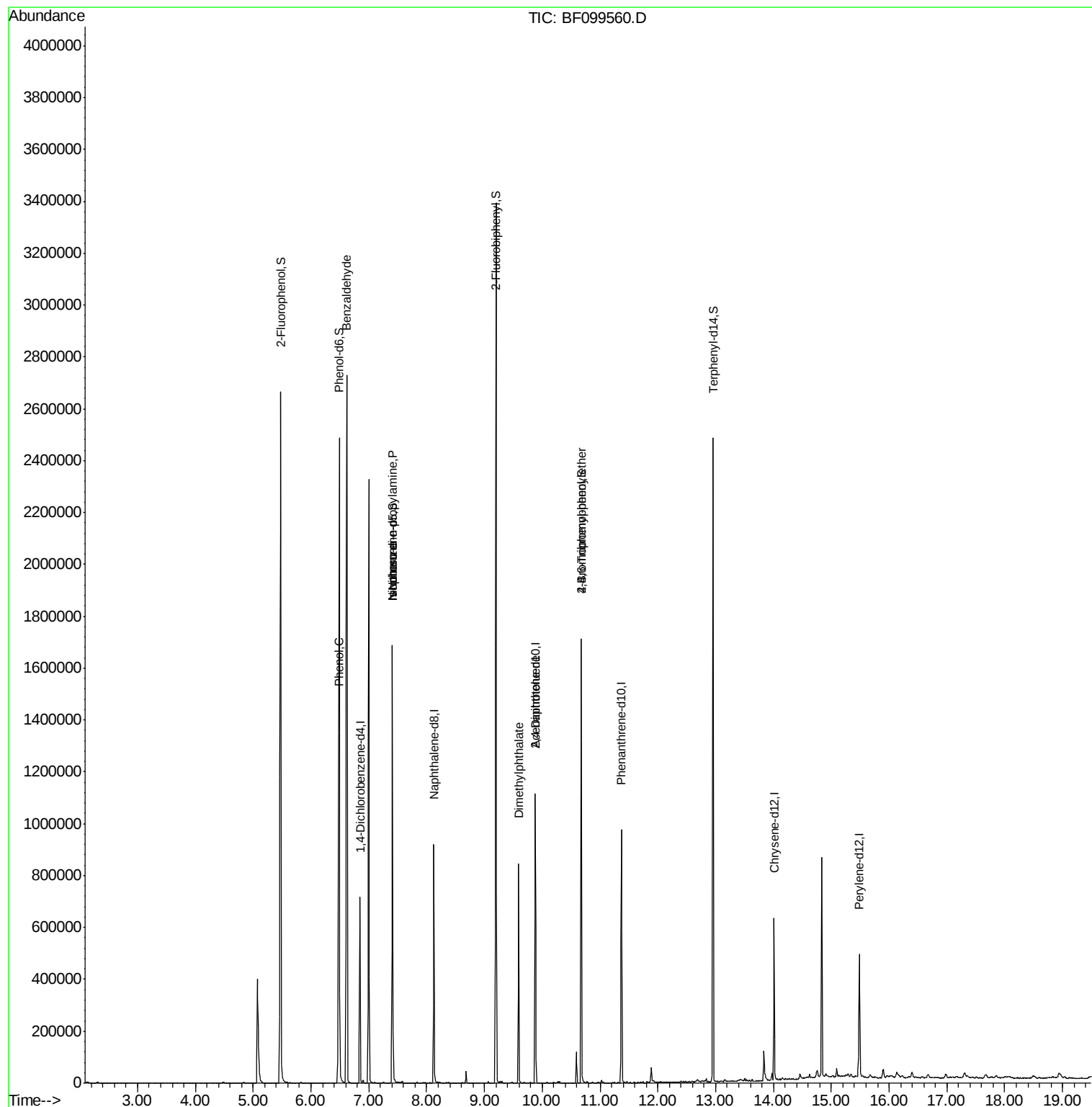
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111603	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	456957	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	202754	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	326172	20.00	ng	0.00
75) Chrysene-d12	14.01	240	208352	20.00	ng	0.00
86) Perylene-d12	15.49	264	208032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	895473	127.73	ng	0.00
7) Phenol-d6	6.49	99	1085506	125.51	ng	0.00
23) Nitrobenzene-d5	7.41	82	662971	93.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	215496	129.89	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1200673	98.86	ng	0.00
78) Terphenyl-d14	12.96	244	843138	92.03	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	17467	3.48	ng	85
10) Phenol	6.50	94	81874	8.46	ng	91
19) n-Nitroso-di-n-propylamine	7.41	70	83939	15.20	ng	# 73
25) Isophorone	7.41	82	662961	45.00	ng	# 64
49) Dimethylphthalate	9.59	163	337273	22.04	ng	100
56) 2,4-Dinitrotoluene	9.88	165	25781	5.96	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	14396	4.51	ng	# 1

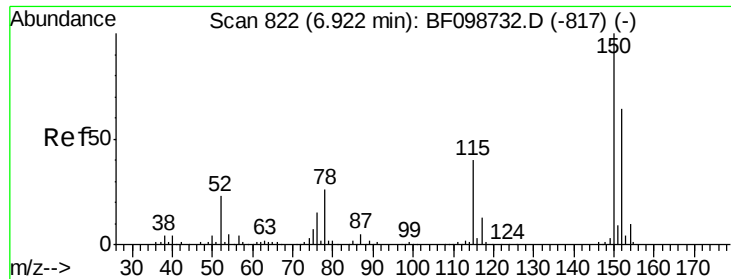
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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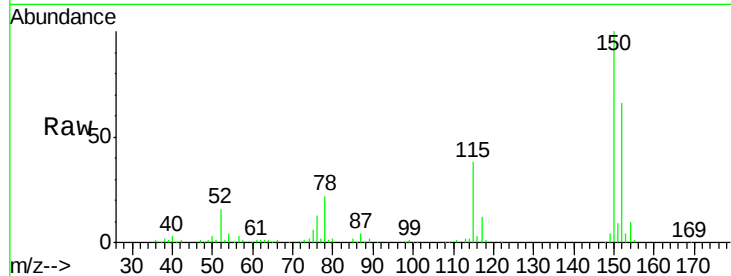


#1

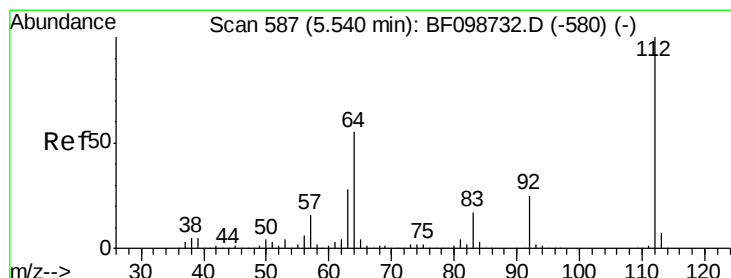
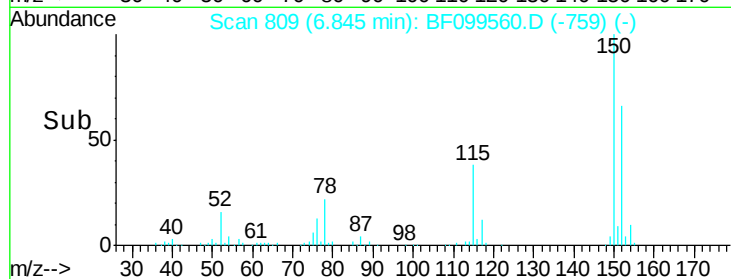
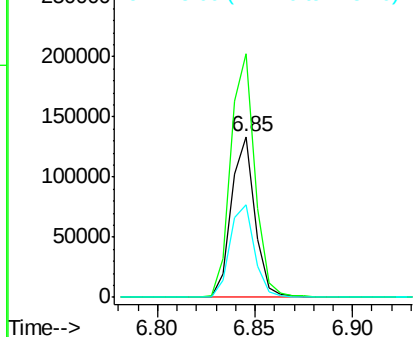
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111603
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 57.8 50.1 75.1



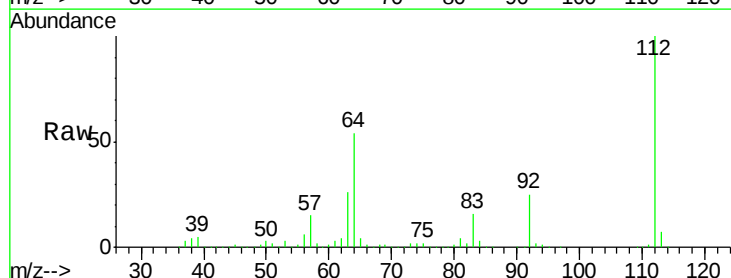
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



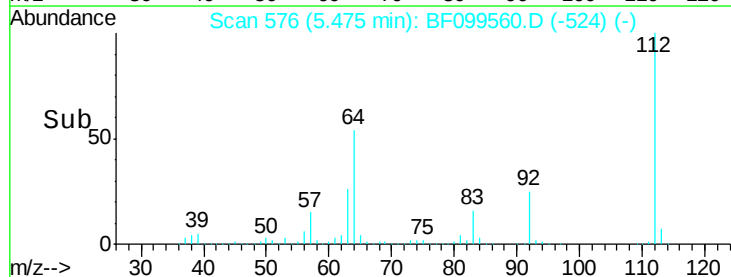
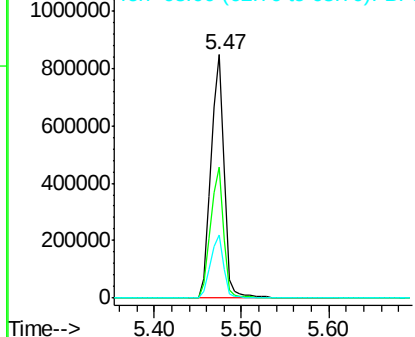
#5

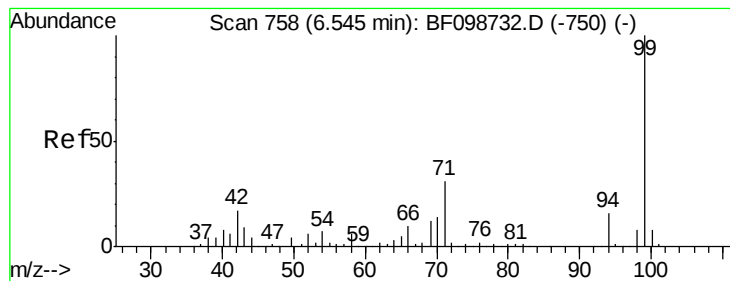
2-Fluorophenol
Concen: 127.73 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

Tgt Ion:112 Resp: 895473
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 25.9 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: 125.51 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

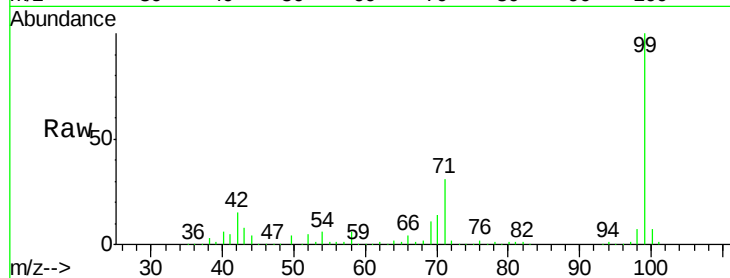
Tot Ion: 99 Resp: 1085506

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

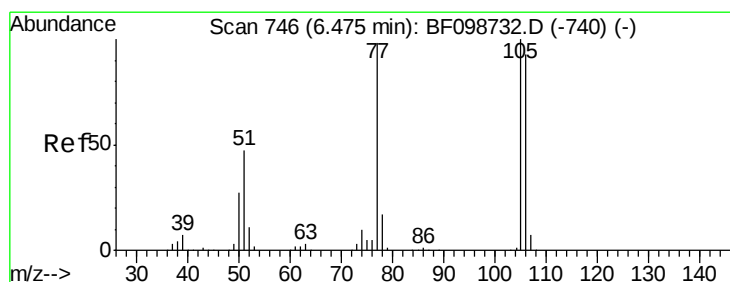
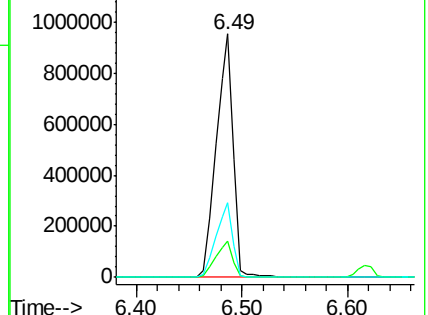
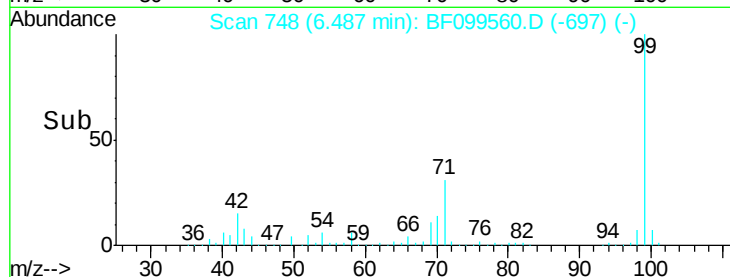
71 30.6 25.4 38.0



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: 3.48 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

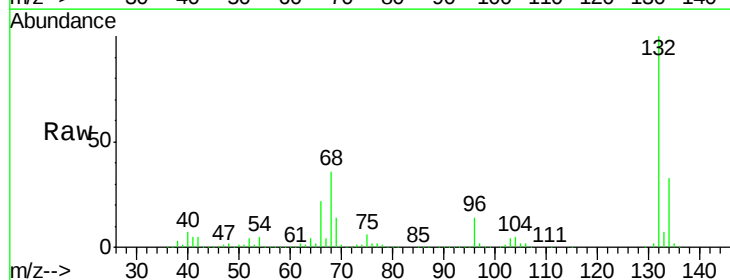
Tgt Ion: 77 Resp: 17467

Ion Ratio Lower Upper

77 100

105 85.2 81.1 121.1

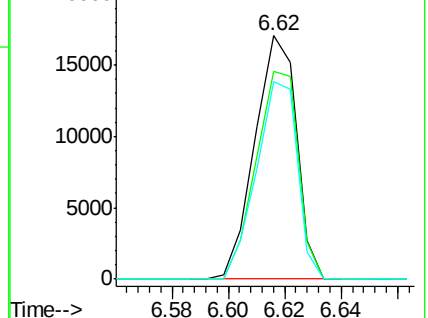
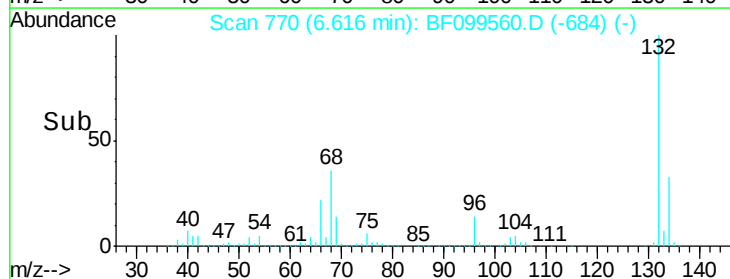
106 81.2 74.5 114.5

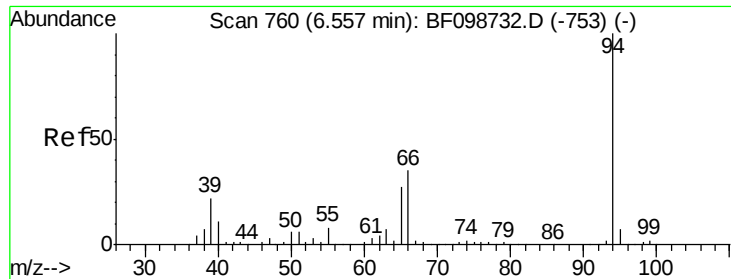


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 8.46 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

Instrument :

BNA_F

ClientSampled :

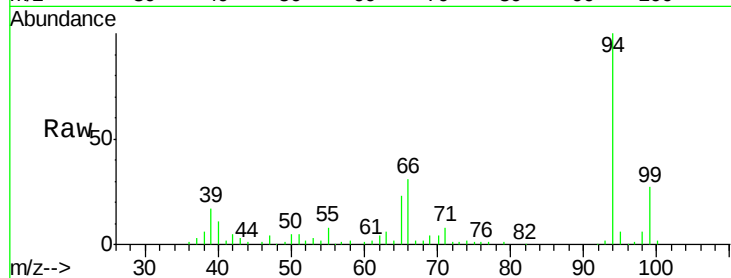
Tot Ion: 94 Resp: 81874

Ion Ratio Lower Upper

94 100

65 23.0 7.9 47.9

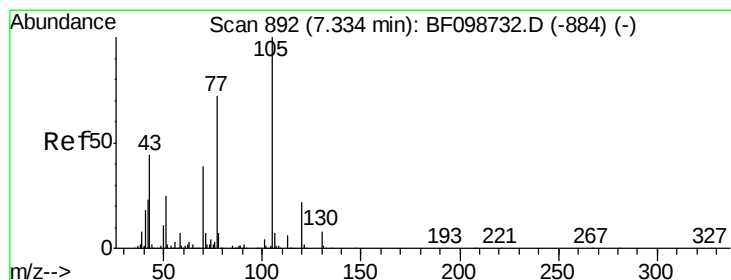
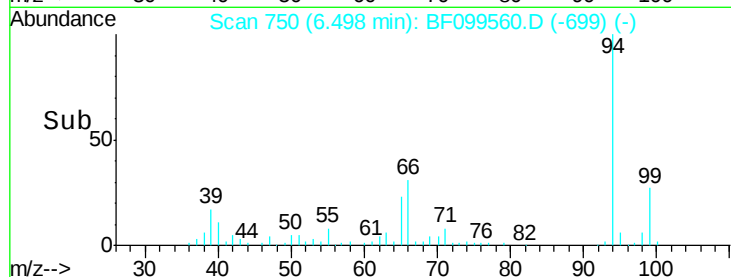
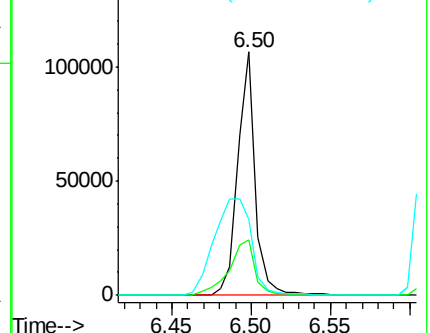
66 31.3 16.2 56.2



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: 15.20 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

Tgt Ion: 70 Resp: 83939

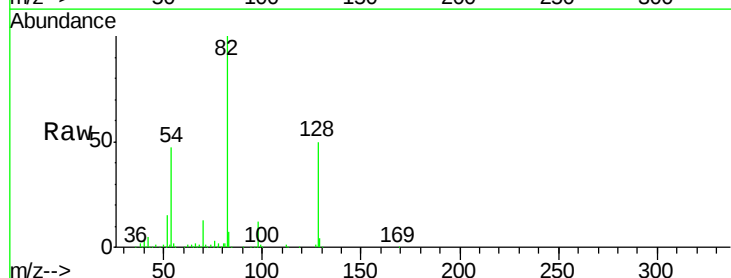
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

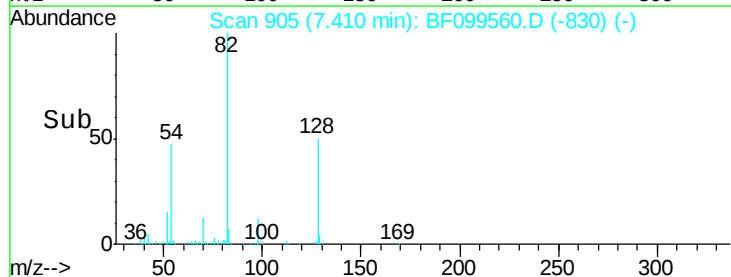
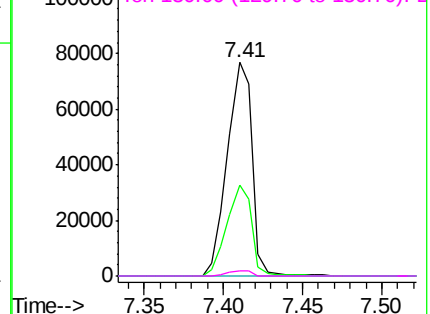


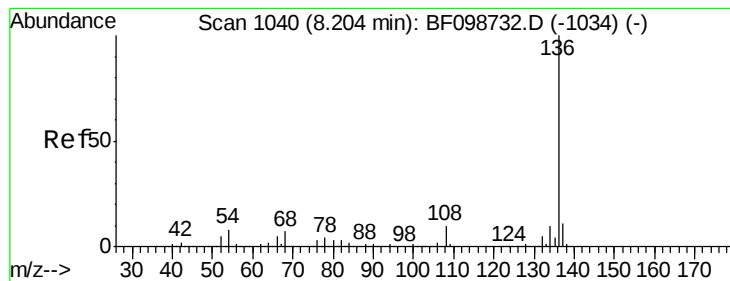
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 456957

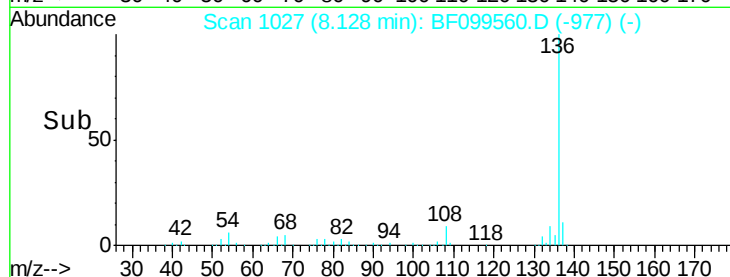
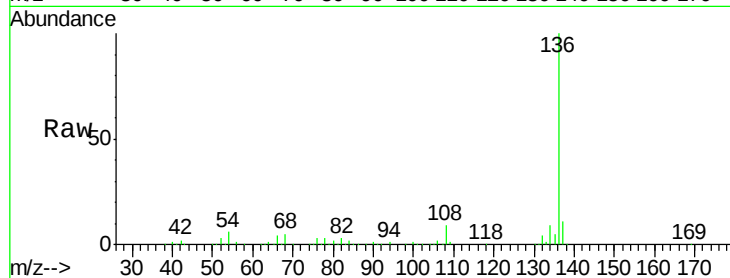
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.8 6.6 9.8#

68 5.4 5.0 7.4

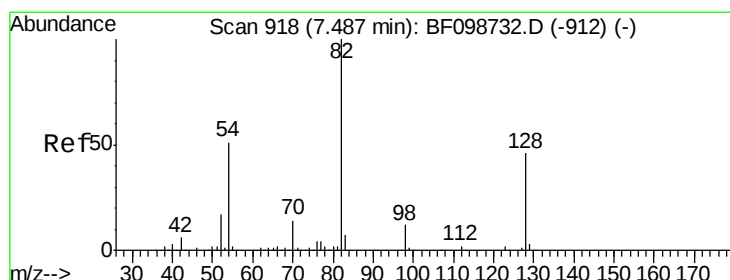
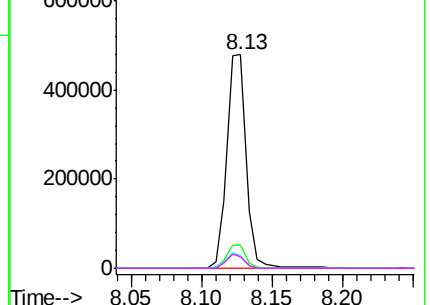


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.04 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

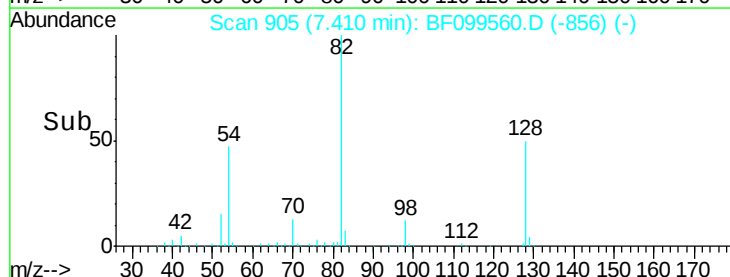
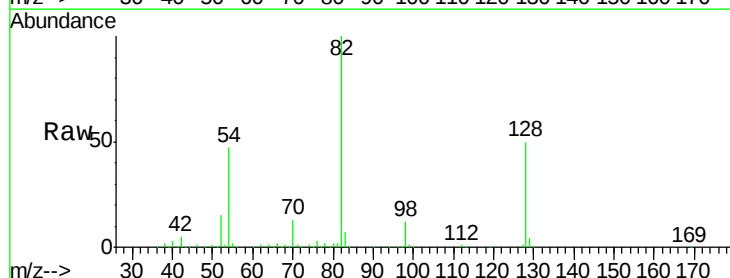
Tgt Ion: 82 Resp: 662971

Ion Ratio Lower Upper

82 100

128 49.6 36.1 54.1

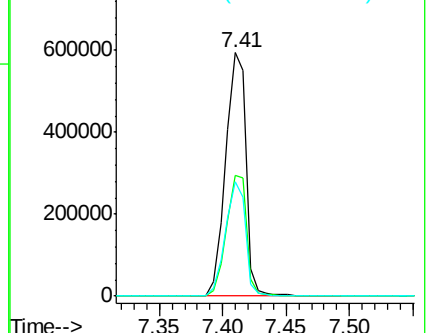
54 46.9 41.4 62.2

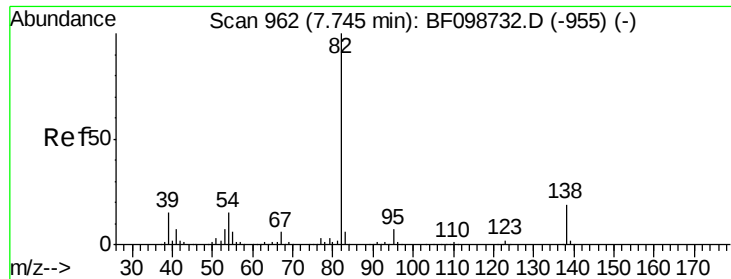


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 45.00 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

Instrument :

BNA_F

ClientSampleId :

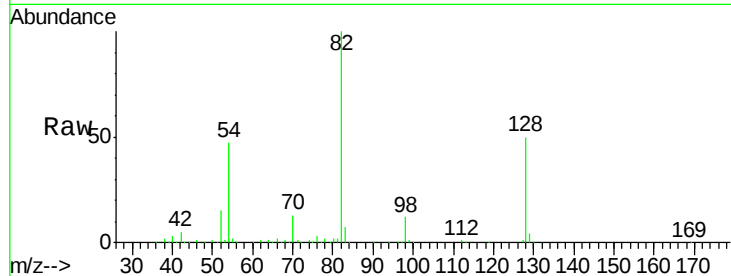
Tot Ion: 82 Resp: 662961

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

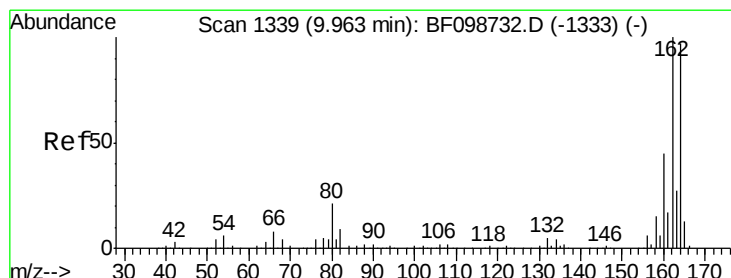
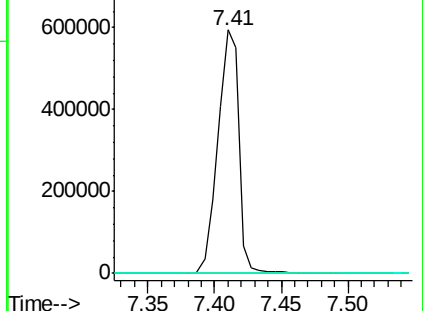
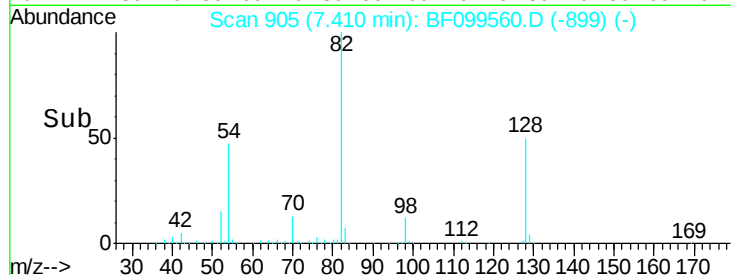
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF099560.D (-899) (-)

Ion 95.00 (94.70 to 95.70): BF099560.D (-899) (-)

Ion 138.00 (137.70 to 138.70): BF099560.D (-899) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099560.D

Acq: 16 Oct 2017 22:45

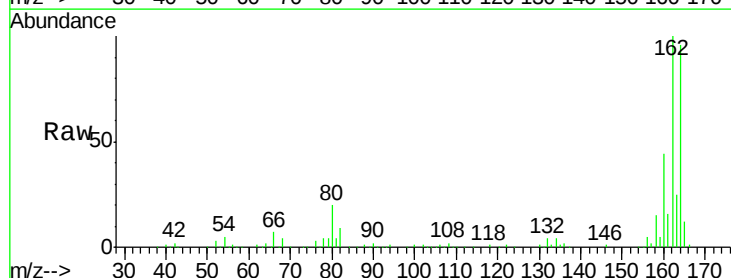
Tgt Ion: 164 Resp: 202754

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

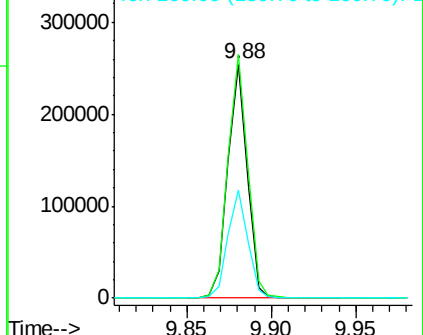
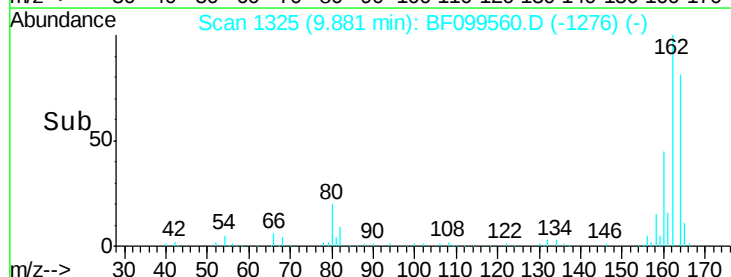
160 46.1 38.3 57.5

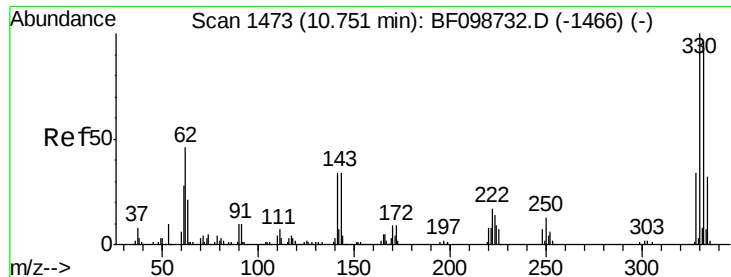


Abundance Ion 164.00 (163.70 to 164.70): BF099560.D (-1276) (-)

Ion 162.00 (161.70 to 162.70): BF099560.D (-1276) (-)

Ion 160.00 (159.70 to 160.70): BF099560.D (-1276) (-)

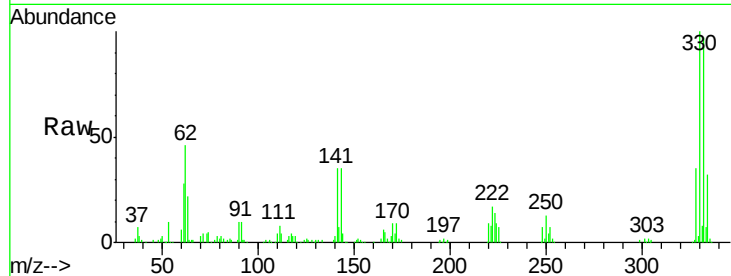




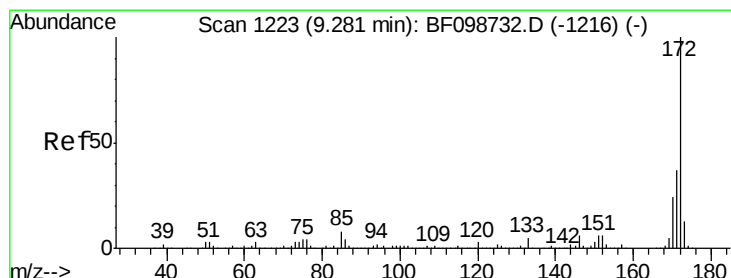
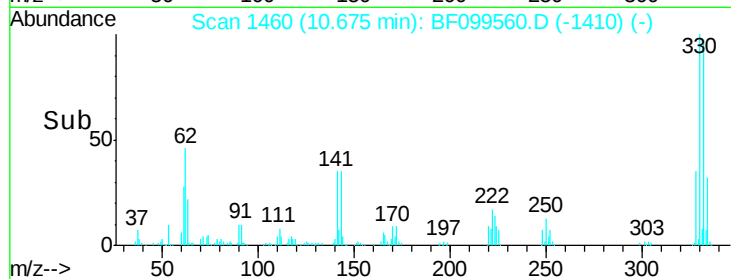
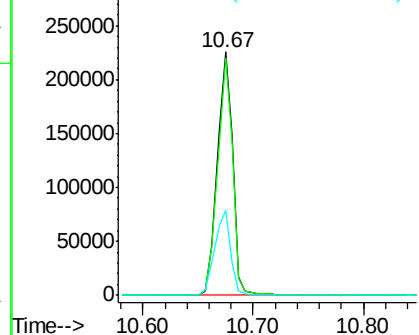
#41
 2,4,6-Tribromophenol
 Concen: 129.89 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099560.D
 Acq: 16 Oct 2017 22:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 215496
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 35.7 29.9 44.9

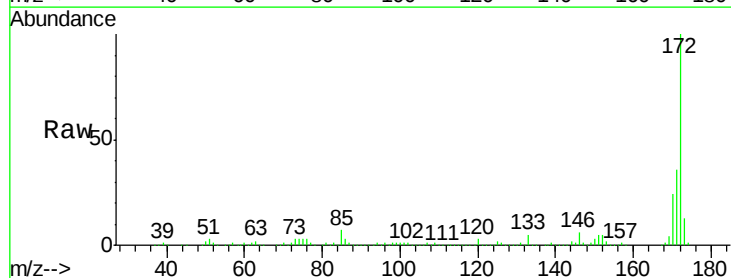


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

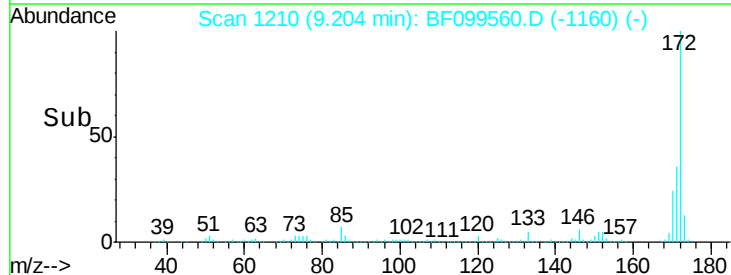
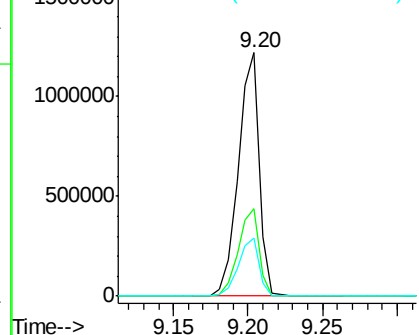


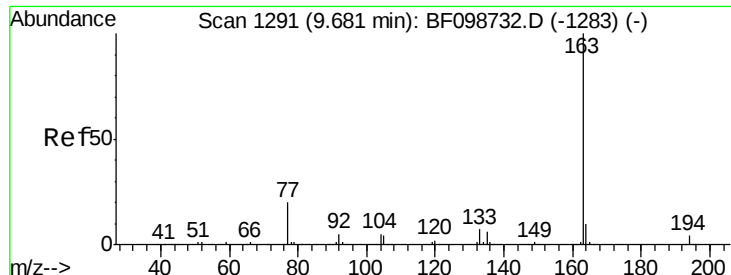
#44
 2-Fluorobiphenyl
 Concen: 98.86 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099560.D
 Acq: 16 Oct 2017 22:45

Tgt Ion:172 Resp: 1200673
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.7 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

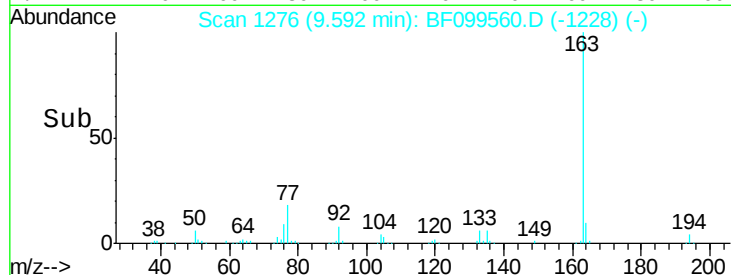
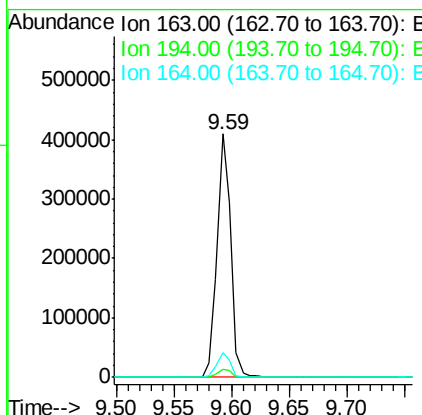
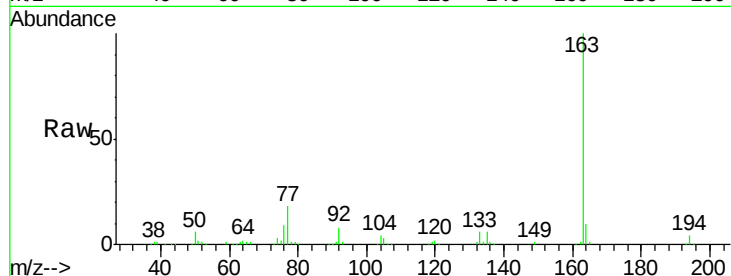




#49
Dimethylphthalate
Concen: 22.04 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

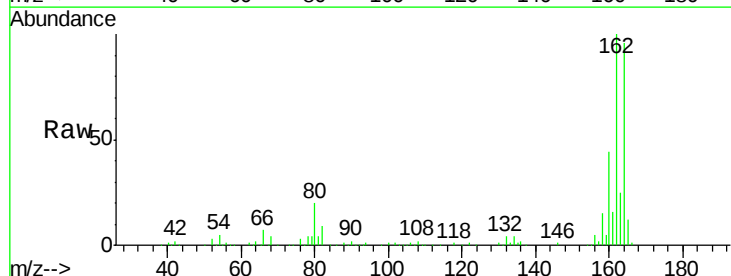
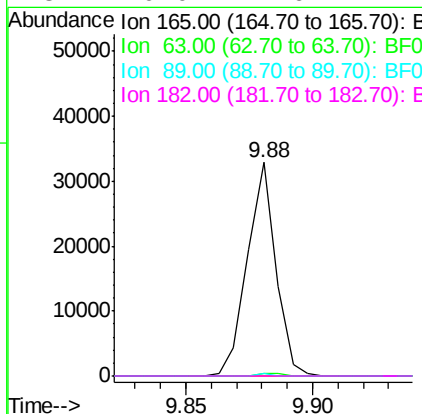
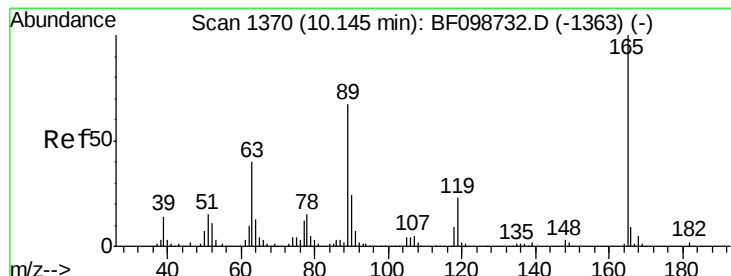
Instrument :
BNA_F
ClientSampled :

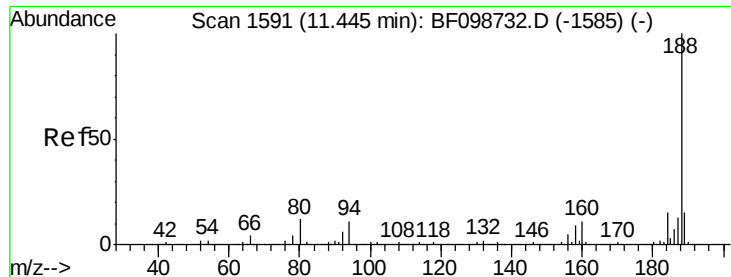
Tot Ion:163 Resp: 337273
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

Tgt Ion:165 Resp: 25781
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#

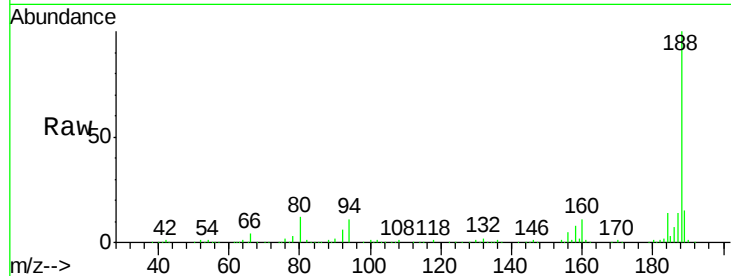




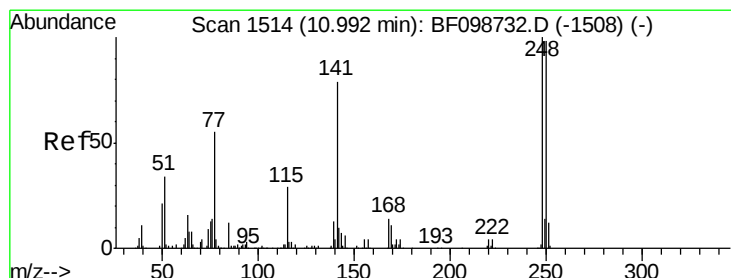
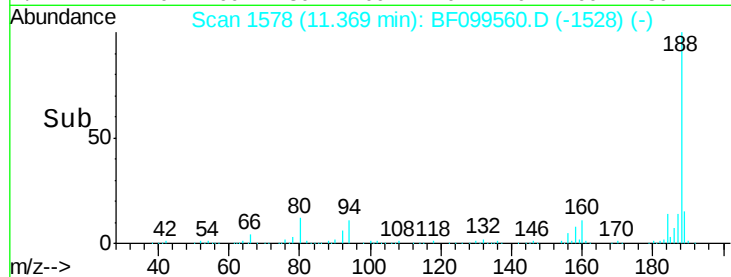
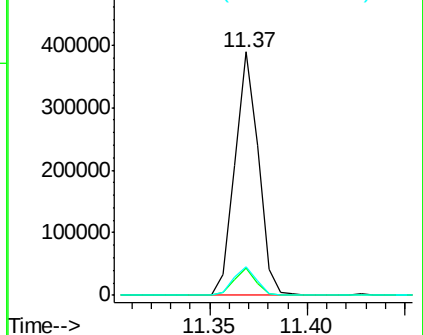
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 326172
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8

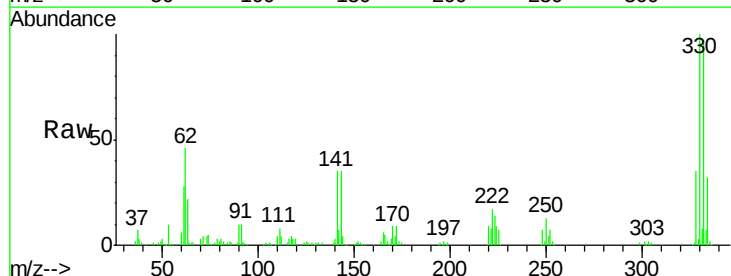


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

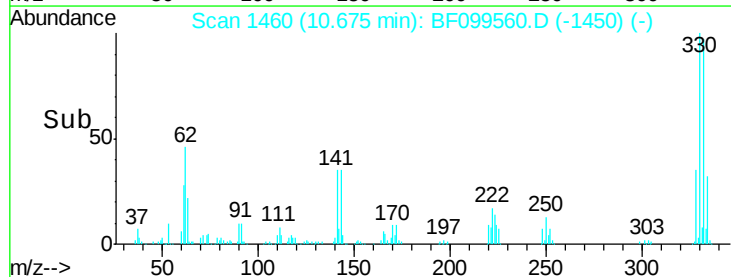
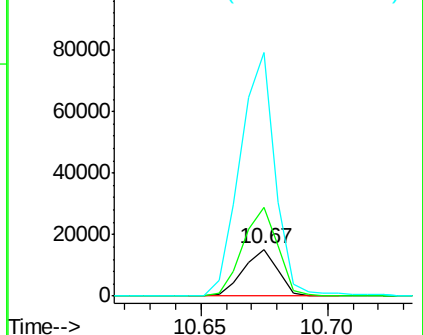


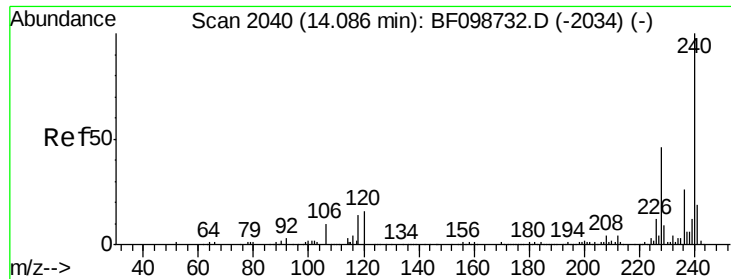
#66
4-Bromophenyl-phenylether
Concen: 4.51 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099560.D
Acq: 16 Oct 2017 22:45

Tgt Ion:248 Resp: 14396
Ion Ratio Lower Upper
248 100
250 189.7 76.9 115.3#
141 517.6 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

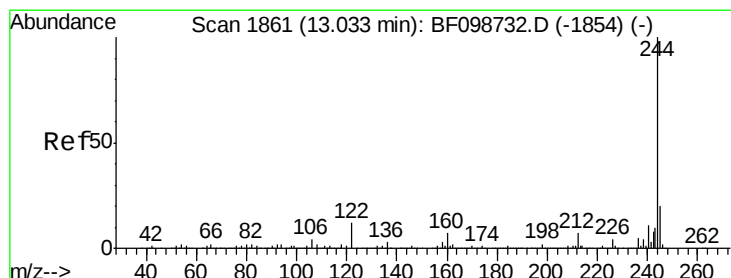
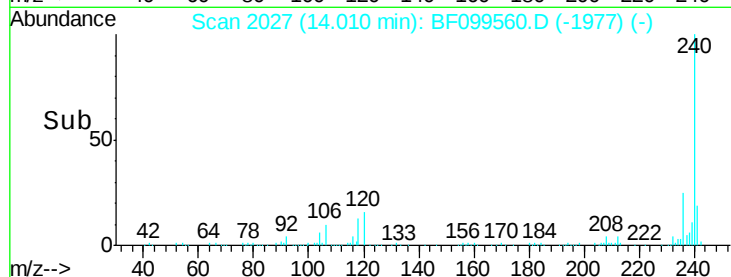
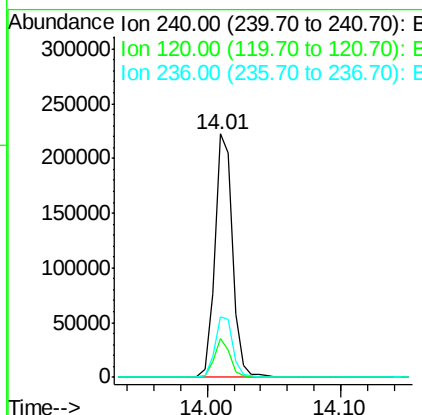
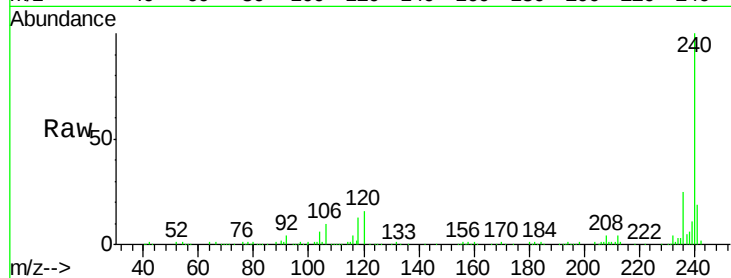




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099560.D
 Acq: 16 Oct 2017 22:45

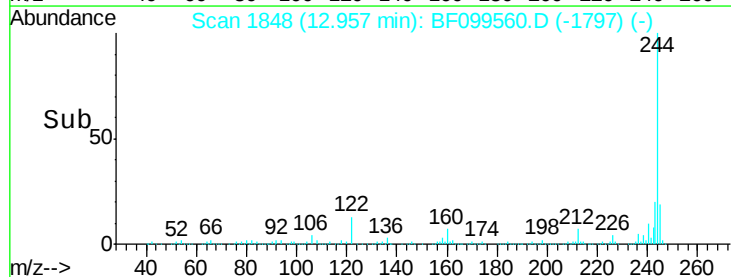
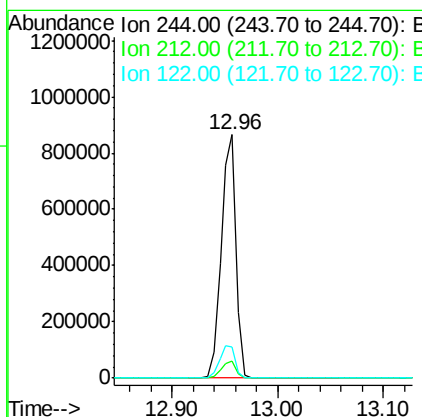
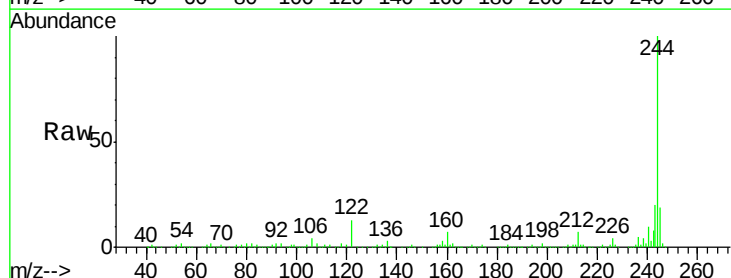
Instrument :
 BNA_F
 ClientSampleId :

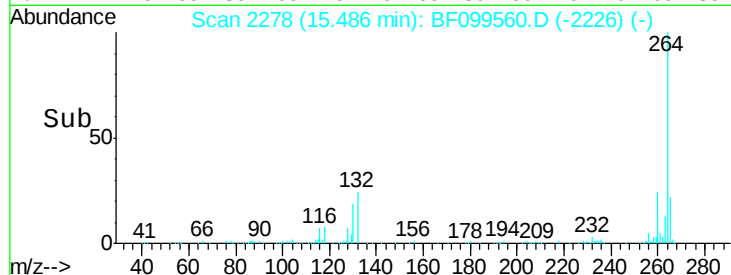
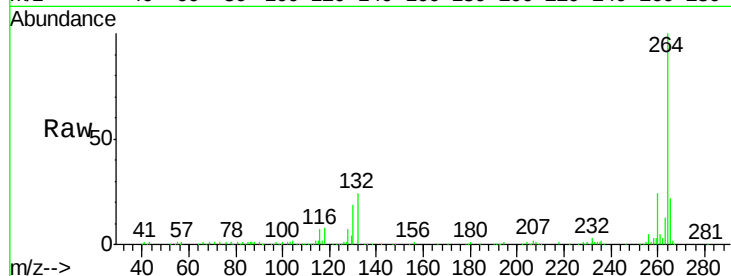
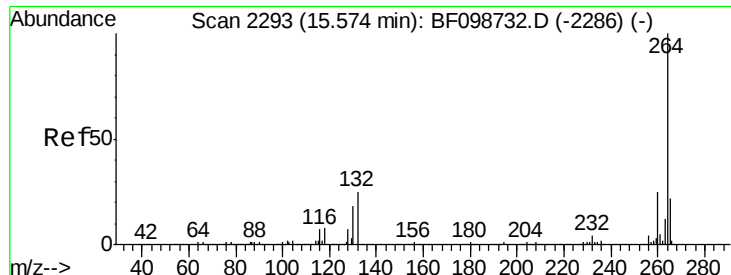
Tot Ion:240 Resp: 208352
 Ion Ratio Lower Upper
 240 100
 120 15.8 9.5 14.3#
 236 24.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 92.03 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099560.D
 Acq: 16 Oct 2017 22:45

Tgt Ion:244 Resp: 843138
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.7 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099560.D
 Acq: 16 Oct 2017 22:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	208032
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.1	17.5	26.3

