

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099568.D
 Acq On : 17 Oct 2017 2:25
 Operator : SJ/JU
 Sample : I5752-09RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 03:44:39 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

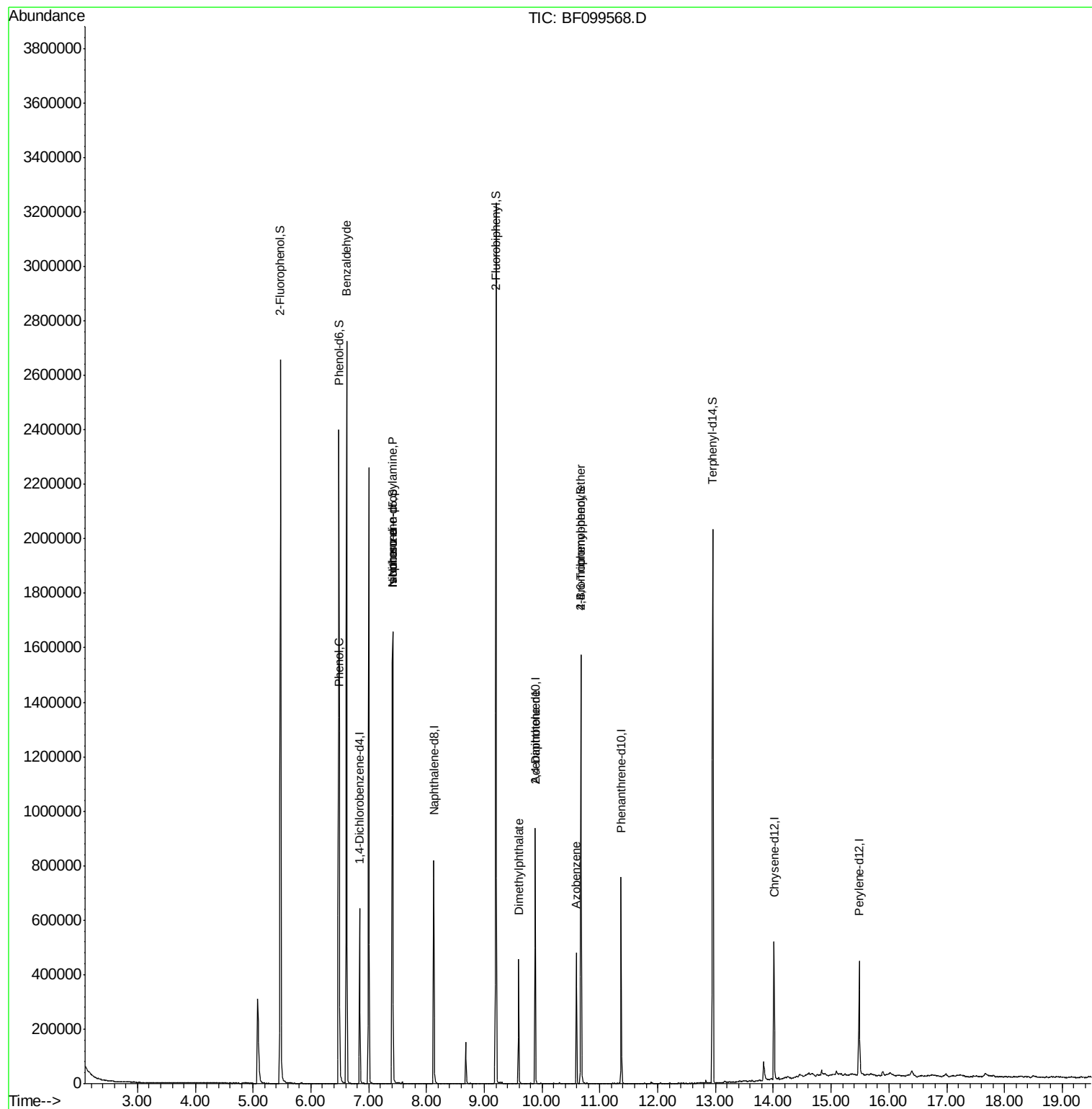
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99623	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	398844	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	169467	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	253096	20.00	ng	0.00
75) Chrysene-d12	14.02	240	172853	20.00	ng	0.00
86) Perylene-d12	15.49	264	182576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	898300	143.54	ng	0.00
7) Phenol-d6	6.49	99	1075881	139.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	637924	102.57	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	186060	134.17	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1084612	106.84	ng	0.00
78) Terphenyl-d14	12.95	244	686752	90.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	17299	3.86	ng	87
10) Phenol	6.50	94	61162	7.08	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	79764	16.18	ng	# 73
25) Isophorone	7.42	82	637917	49.61	ng	# 64
49) Dimethylphthalate	9.59	163	173961	13.60	ng	99
56) 2,4-Dinitrotoluene	9.88	165	21679	6.00	ng	# 22
62) Azobenzene	10.59	77	77306	6.73	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	11710	4.73	ng	# 1

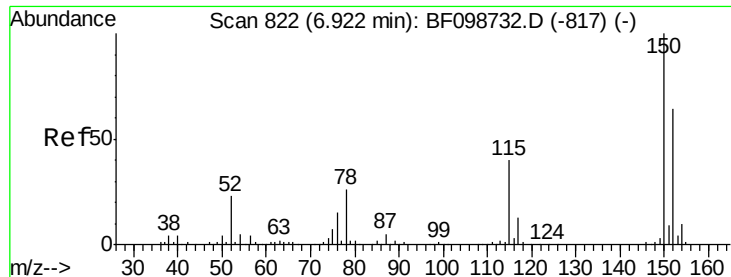
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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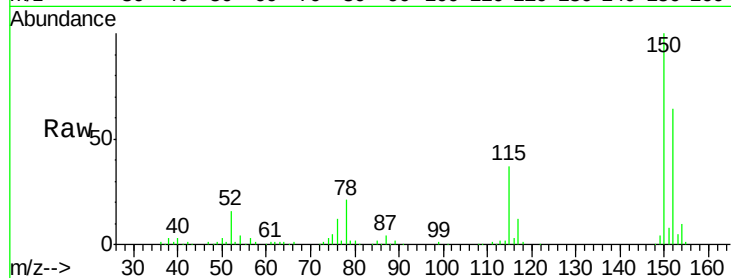


#1

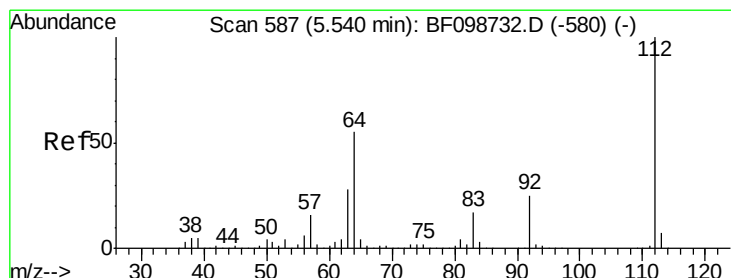
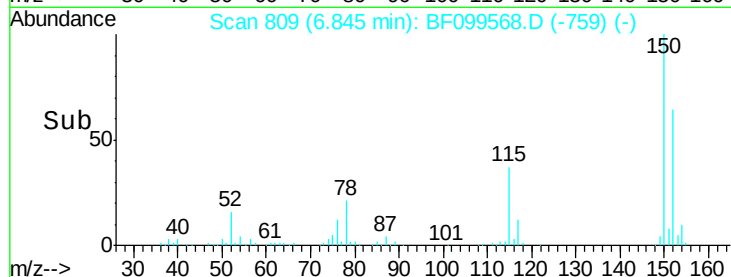
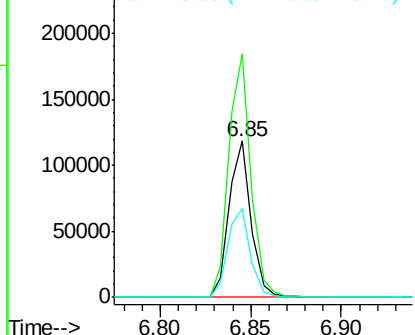
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099568.D
Acq: 17 Oct 2017 2:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99623
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 57.0 50.1 75.1



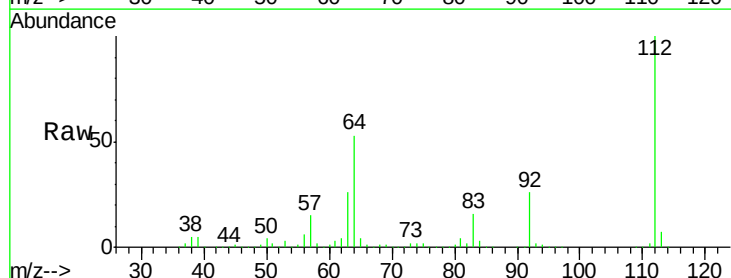
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



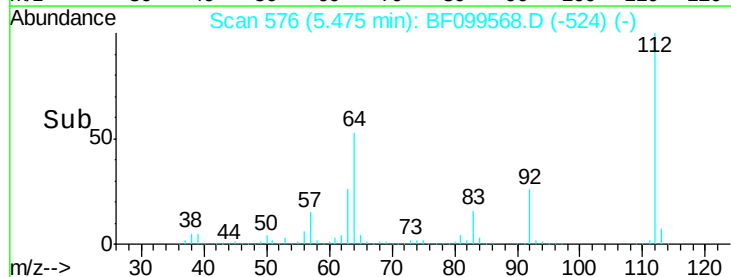
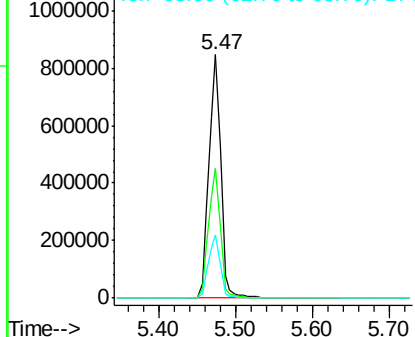
#5

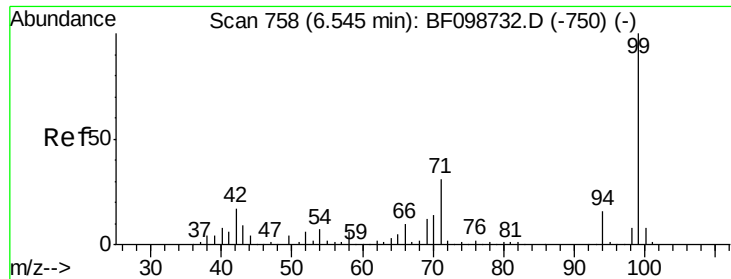
2-Fluorophenol
Concen: 143.54 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF099568.D
Acq: 17 Oct 2017 2:25

Tgt Ion:112 Resp: 898300
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 26.2 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: 139.36 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099568.D

Acq: 17 Oct 2017 2:25

Instrument :

BNA_F

ClientSampleId :

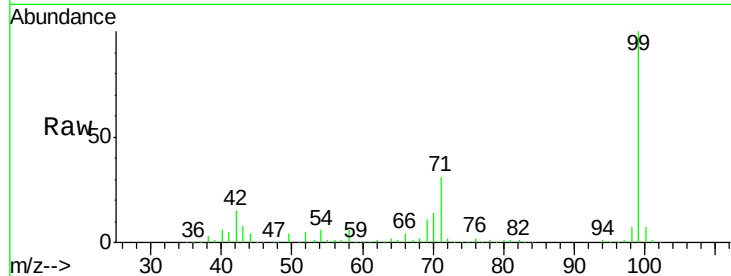
Tot Ion: 99 Resp: 1075881

Ion Ratio Lower Upper

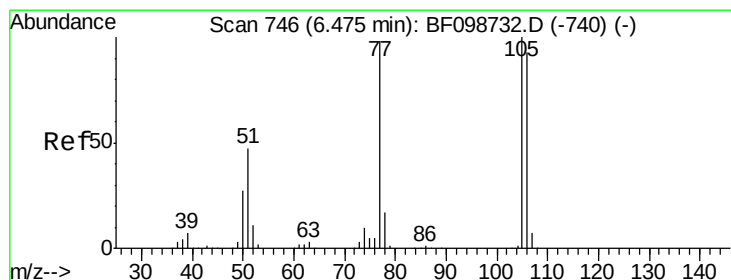
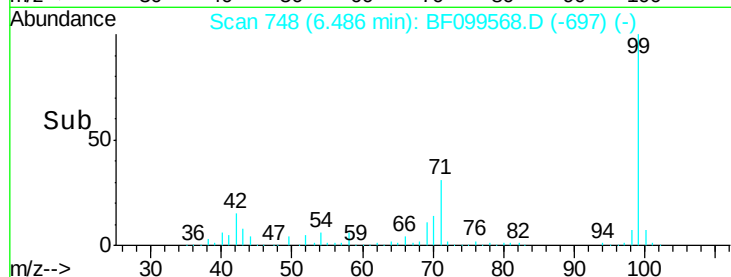
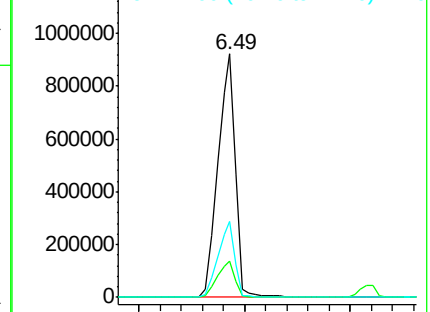
99 100

42 14.7 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: 3.86 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099568.D

Acq: 17 Oct 2017 2:25

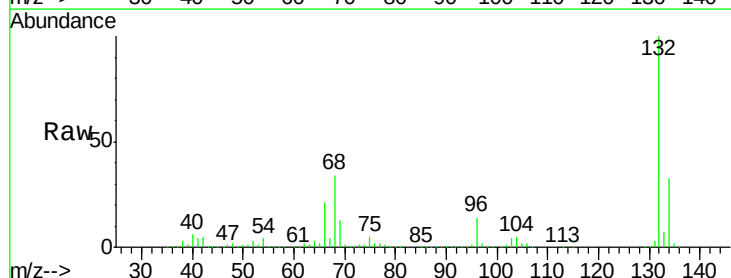
Tgt Ion: 77 Resp: 17299

Ion Ratio Lower Upper

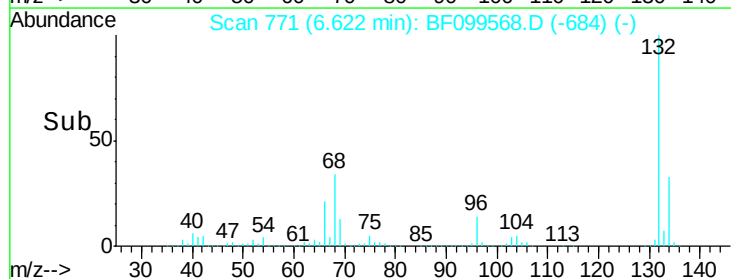
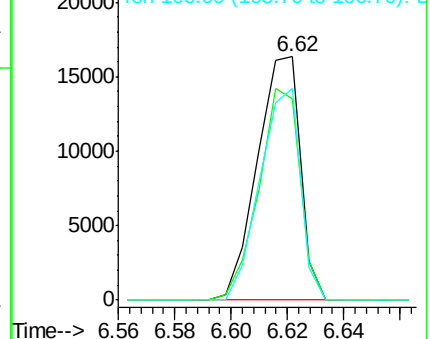
77 100

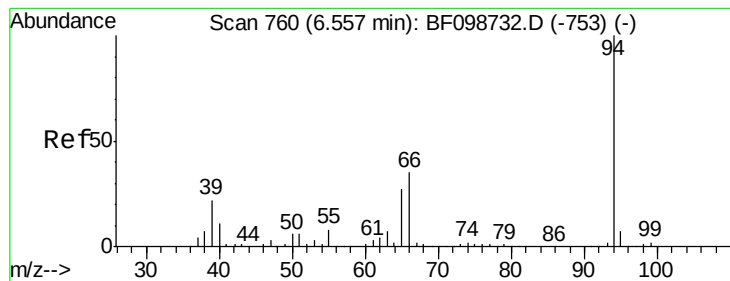
105 82.9 81.1 121.1

106 87.0 74.5 114.5



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





#10

Phenol

Concen: 7.08 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099568.D

Acq: 17 Oct 2017 2:25

Instrument :

BNA_F

ClientSampled :

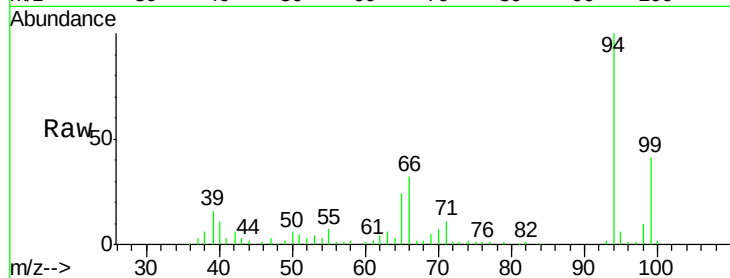
Tot Ion: 94 Resp: 61162

Ion Ratio Lower Upper

94 100

65 24.0 7.9 47.9

66 31.8 16.2 56.2

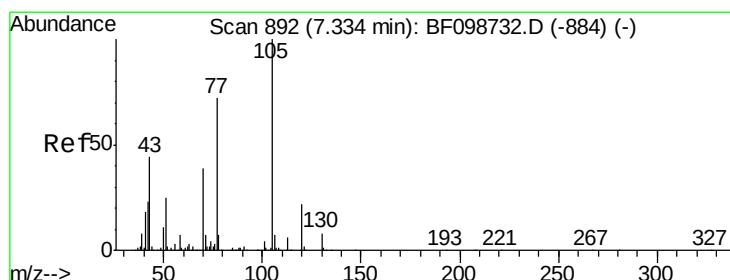
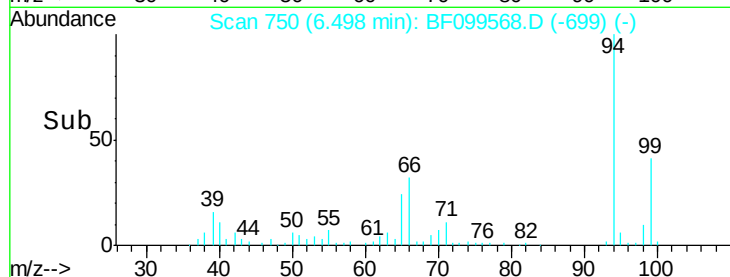
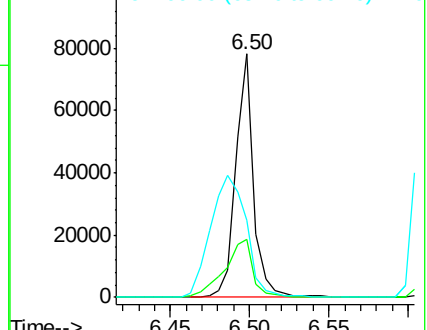


Abundance

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: 16.18 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF099568.D

Acq: 17 Oct 2017 2:25

Tgt Ion: 70 Resp: 79764

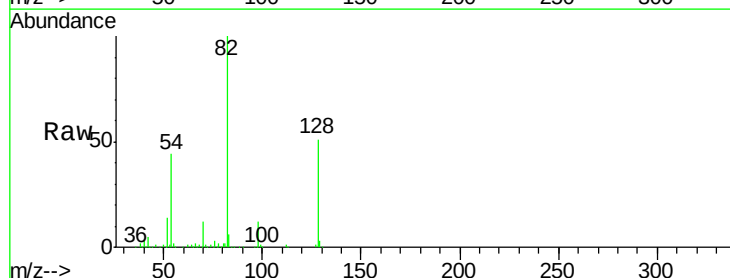
Ion Ratio Lower Upper

70 100

42 41.9 47.5 71.3#

101 0.0 7.4 11.2#

130 3.2 16.6 25.0#



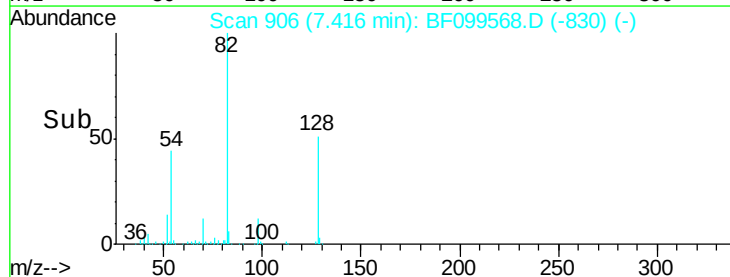
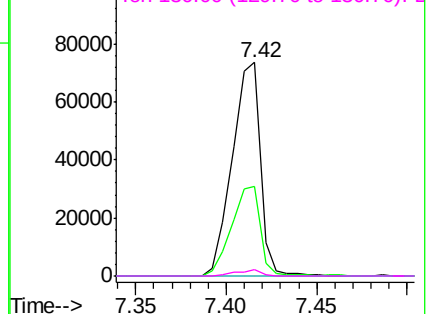
Abundance

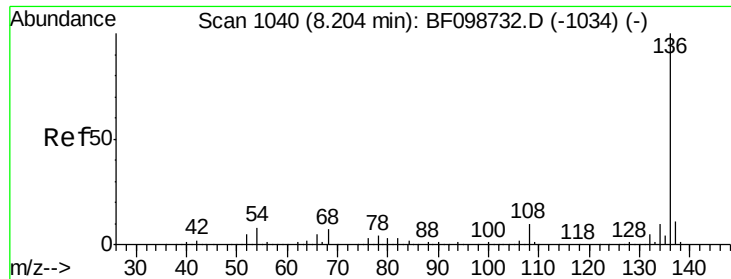
Ion 70.00 (69.70 to 70.70): BF0

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

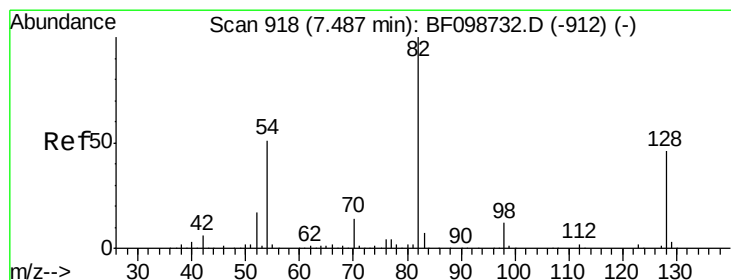
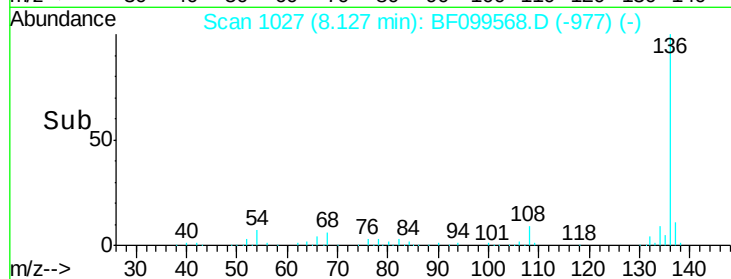
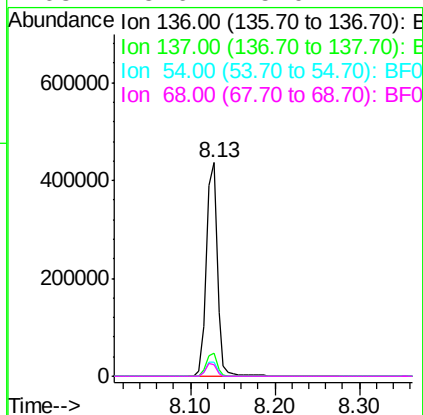
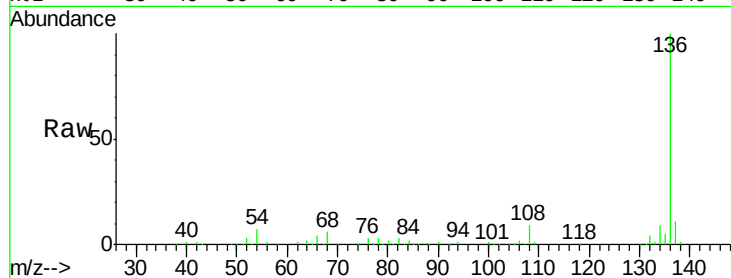




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099568.D
Acq: 17 Oct 2017 2:25

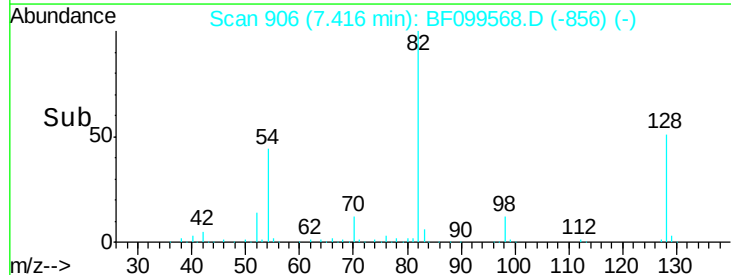
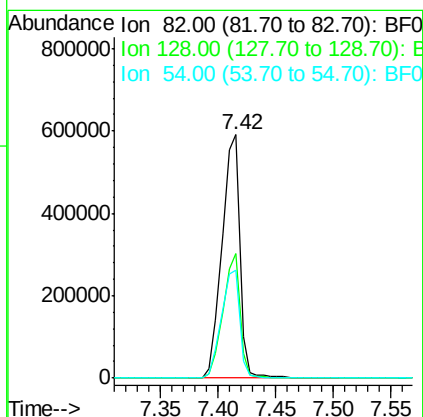
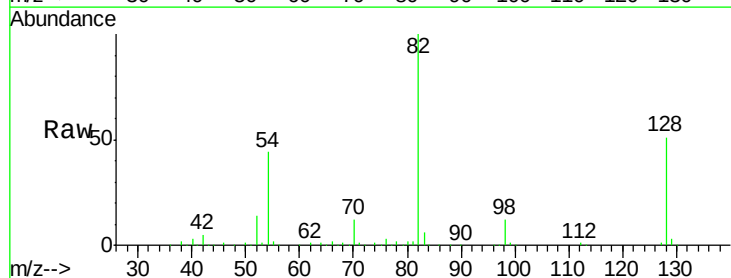
Instrument :
BNA_F
ClientSampleId :

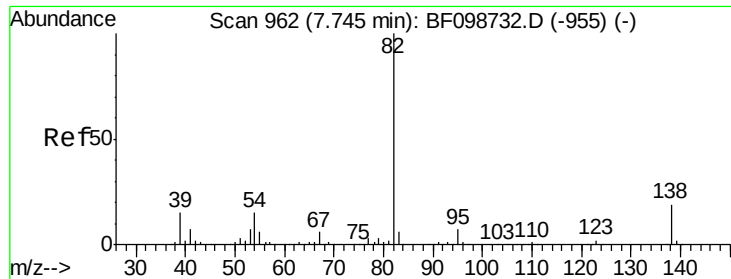
Tot Ion:136	Resp:	398844
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	6.7	6.6 9.8
68	5.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 102.57 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099568.D
Acq: 17 Oct 2017 2:25

Tgt Ion: 82	Resp:	637924
Ion Ratio	Lower	Upper
82	100	
128	51.0	36.1 54.1
54	44.1	41.4 62.2





#25

Isophorone

Concen: 49.61 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF099568.D

Acq: 17 Oct 2017 2:25

Instrument :

BNA_F

ClientSampleId :

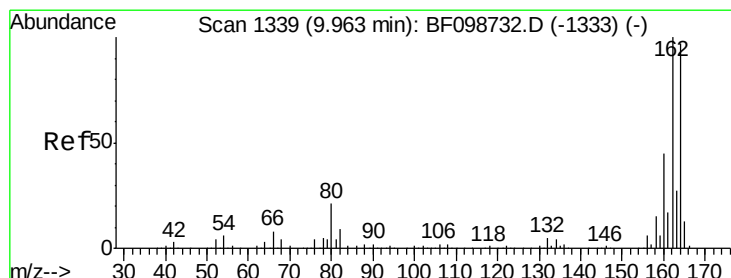
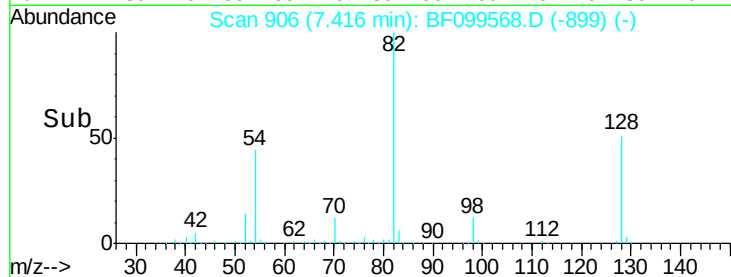
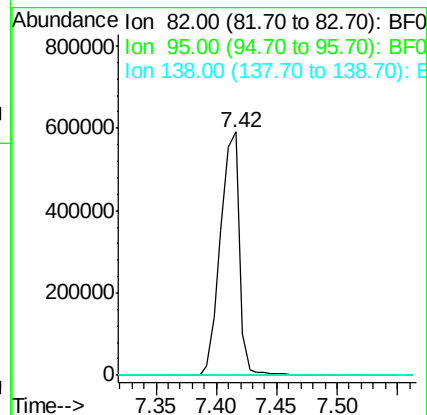
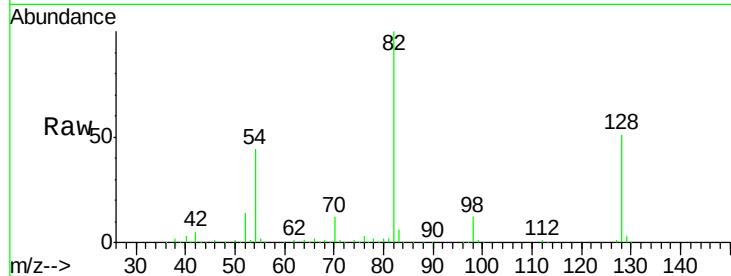
Tot Ion: 82 Resp: 637917

Ion Ratio Lower Upper

82 100

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: BF099568.D

Acq: 17 Oct 2017 2:25

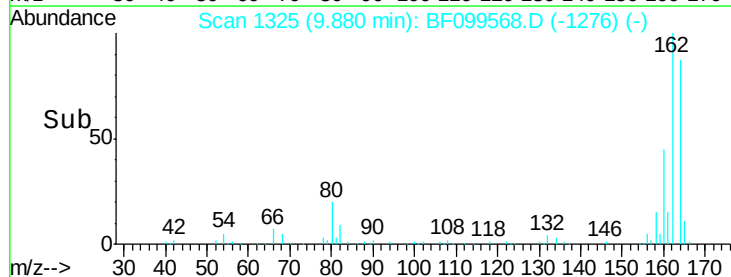
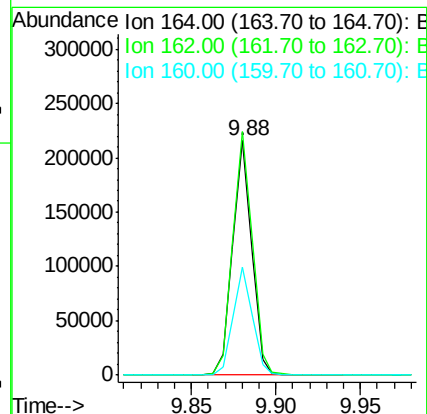
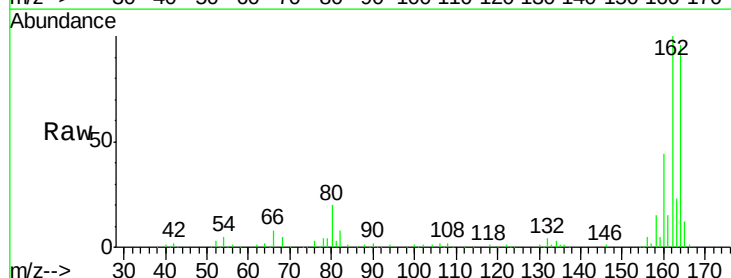
Tgt Ion: 164 Resp: 169467

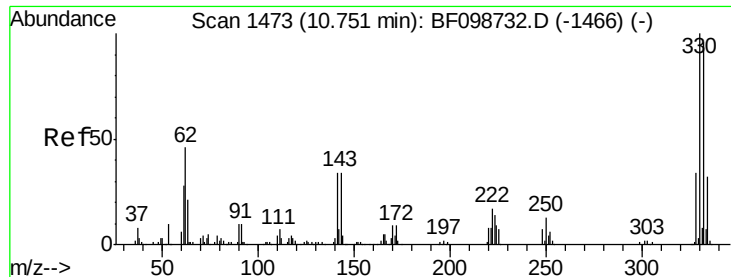
Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

160 45.9 38.3 57.5

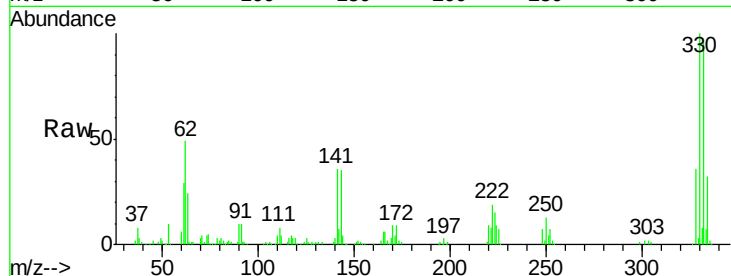




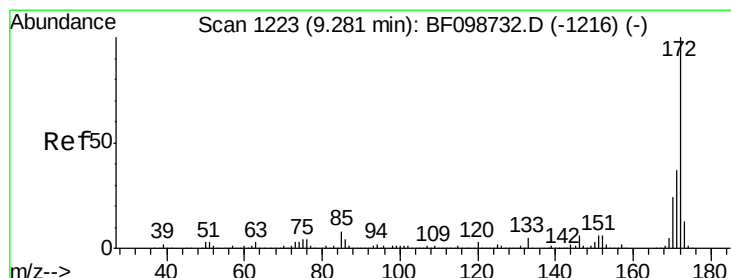
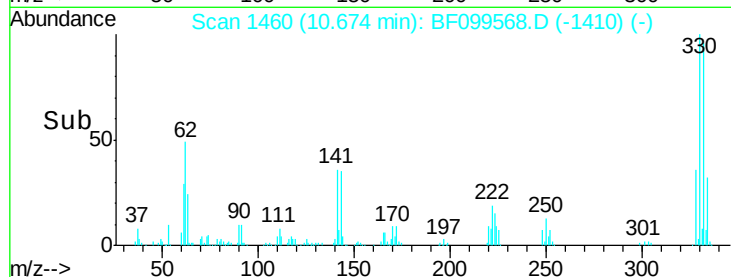
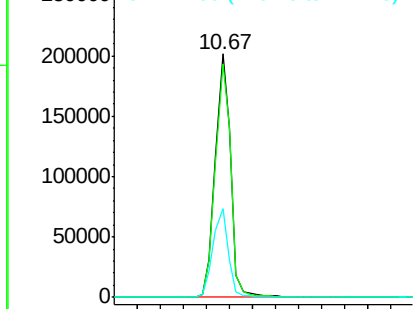
#41
 2,4,6-Tribromophenol
 Concen: 134.17 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099568.D
 Acq: 17 Oct 2017 2:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 186060
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 36.7 29.9 44.9

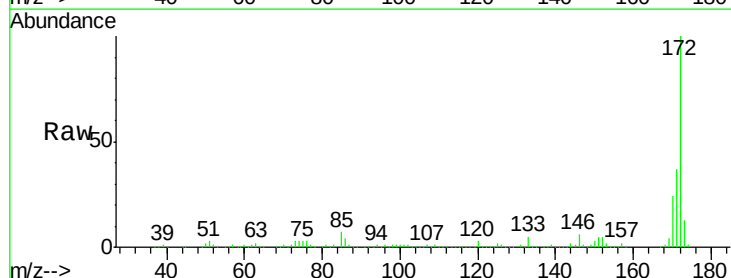


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

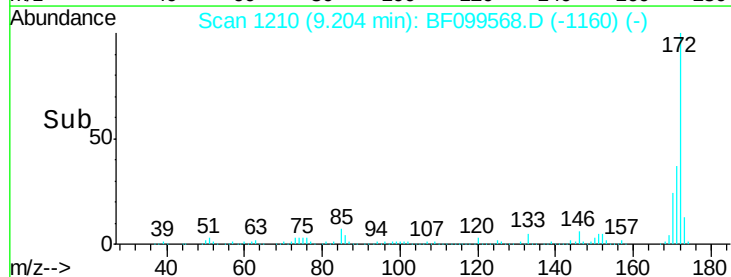
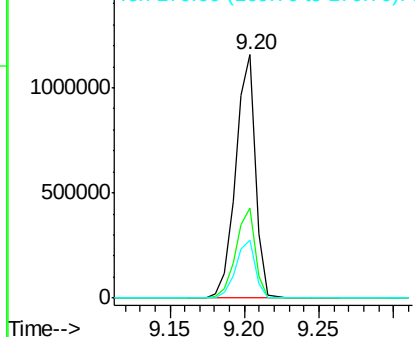


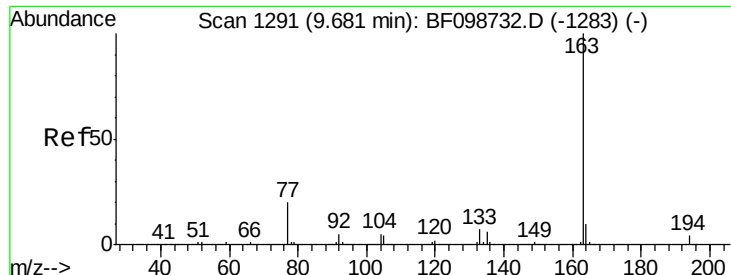
#44
 2-Fluorobiphenyl
 Concen: 106.84 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099568.D
 Acq: 17 Oct 2017 2:25

Tgt Ion:172 Resp: 1084612
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.0 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

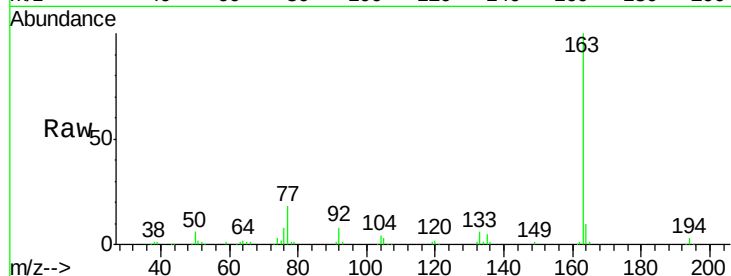




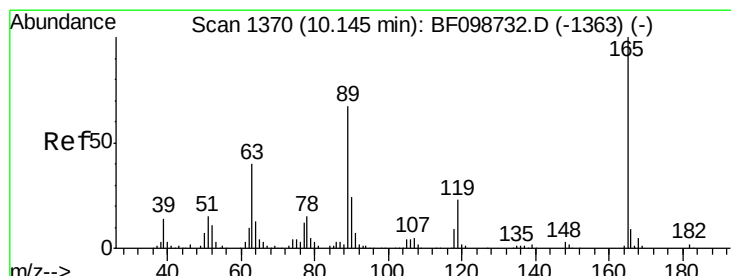
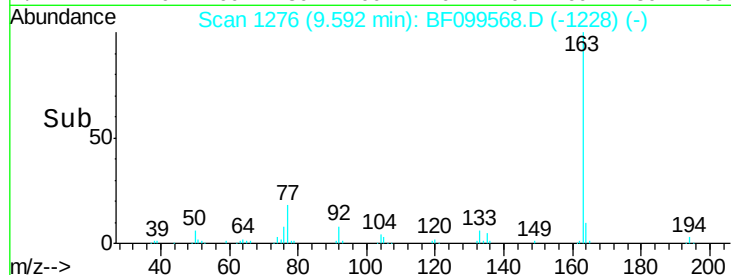
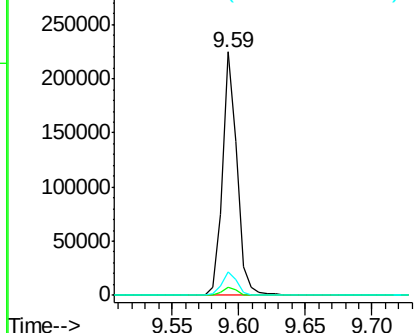
#49
Dimethylphthalate
Concen: 13.60 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099568.D
Acq: 17 Oct 2017 2:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2



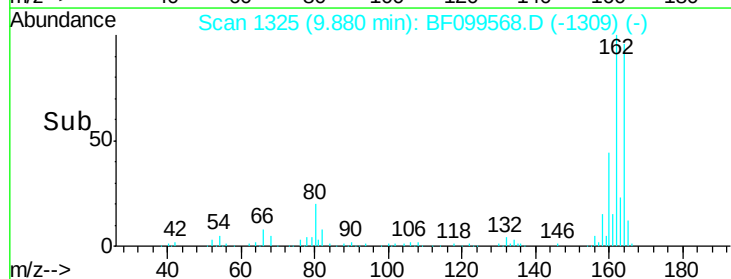
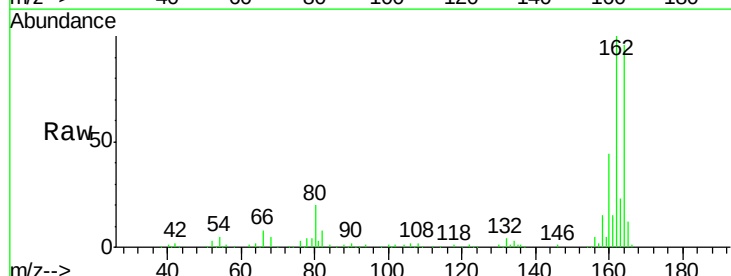
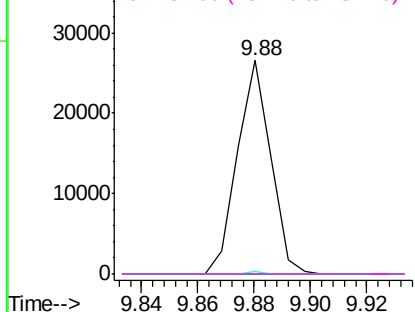
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

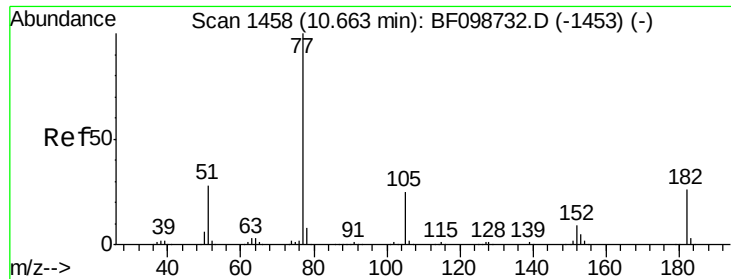


#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099568.D
Acq: 17 Oct 2017 2:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.2	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





#62

Azobenzene

Concen: 6.73 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099568.D

Acq: 17 Oct 2017 2:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 77306

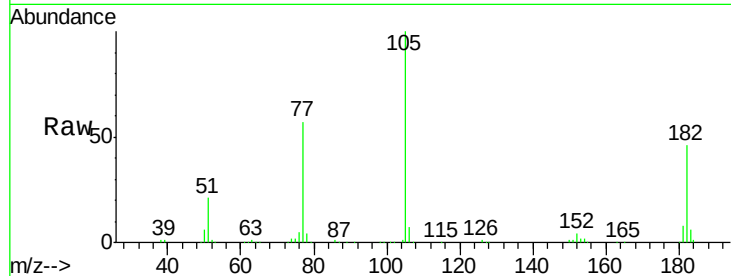
Ion Ratio Lower Upper

77 100

182 81.5 1.7 41.7#

105 175.4 3.0 43.0#

51 36.5 9.9 49.9

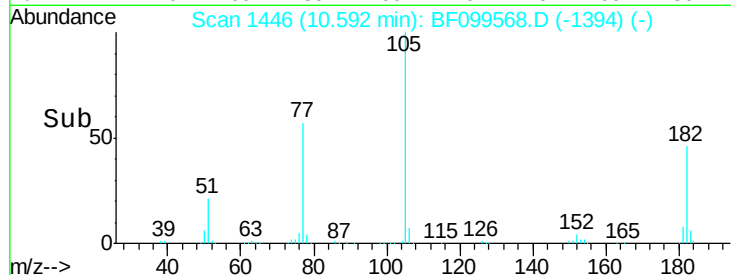


Abundance Ion 77.00 (76.70 to 77.70): BF0

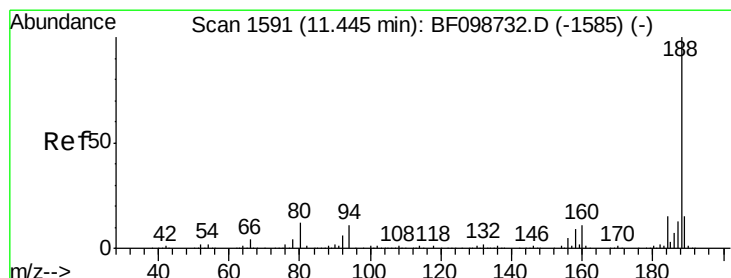
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099568.D

Acq: 17 Oct 2017 2:25

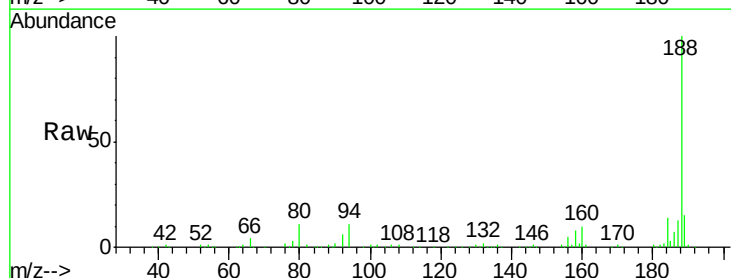
Tgt Ion: 188 Resp: 253096

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

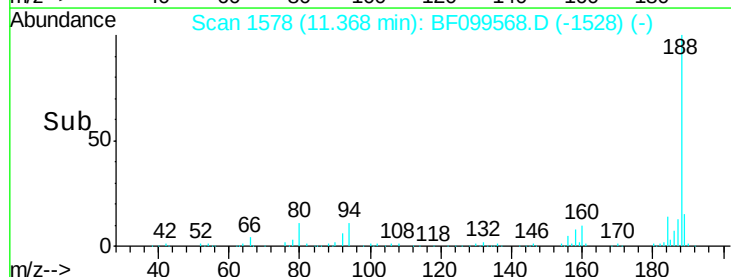
80 11.3 9.2 13.8



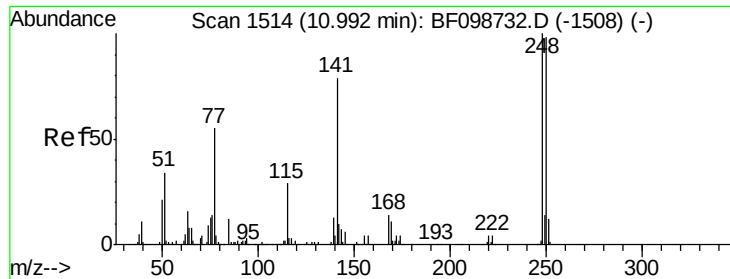
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



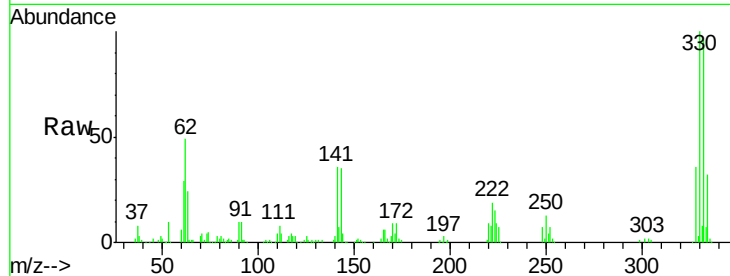
Time-->



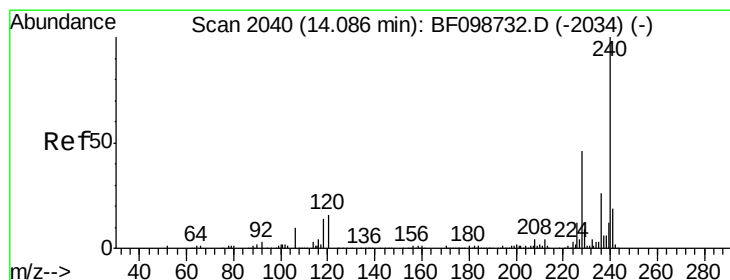
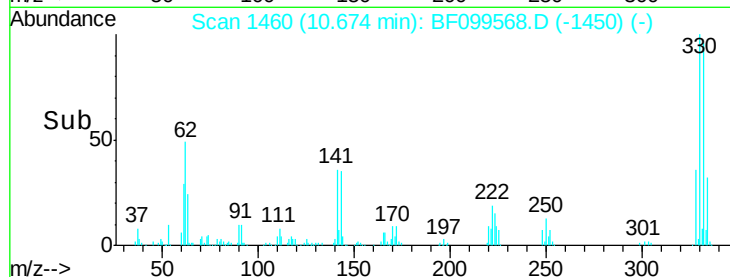
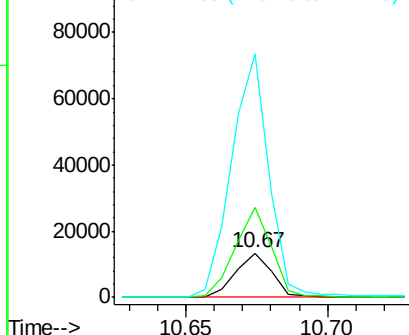
#66
 4-Bromophenyl-phenylether
 Concen: 4.73 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF099568.D
 Acq: 17 Oct 2017 2:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11710
 Ion Ratio Lower Upper
 248 100
 250 203.3 76.9 115.3#
 141 550.5 74.4 111.6#

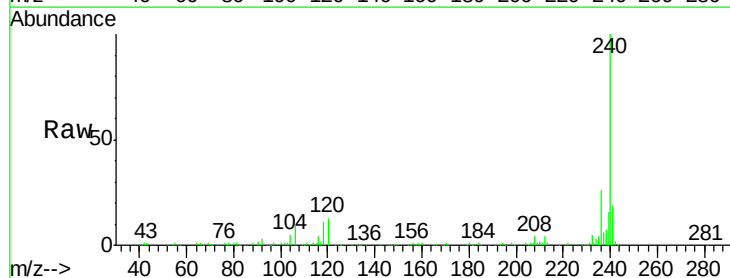


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

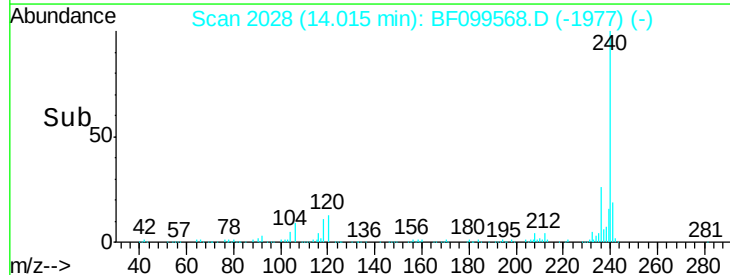
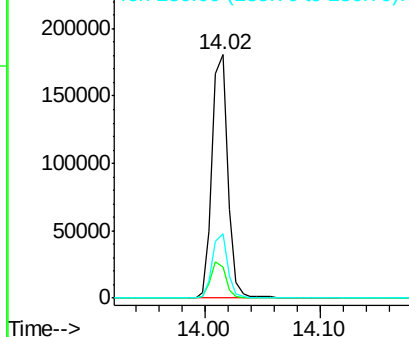


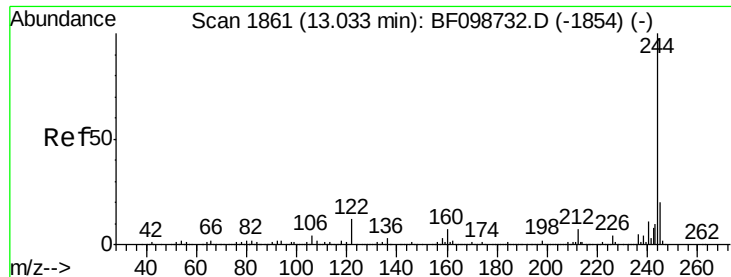
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF099568.D
 Acq: 17 Oct 2017 2:25

Tgt Ion:240 Resp: 172853
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 26.5 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

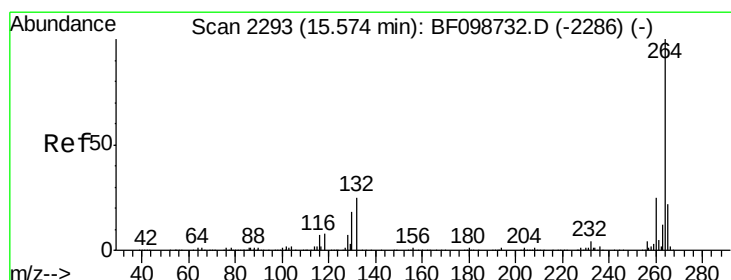
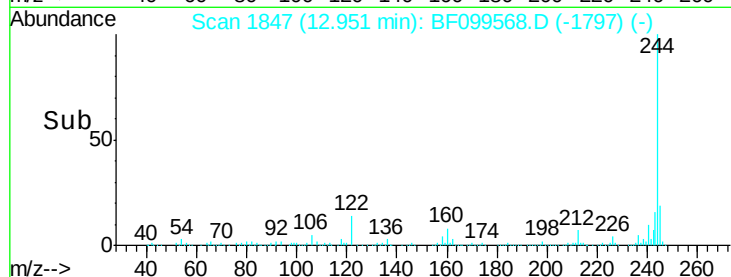
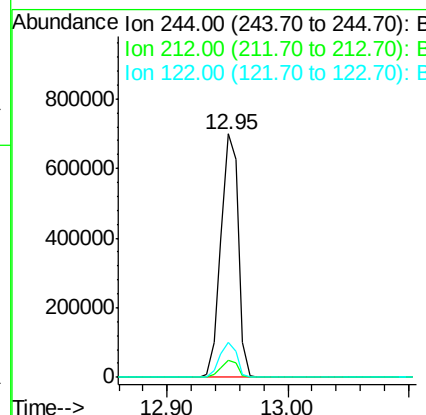
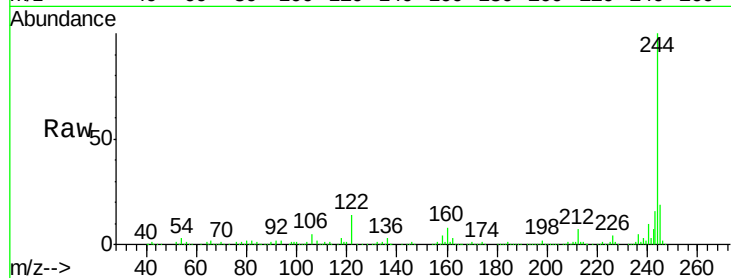




#78
 Terphenyl-d14
 Concen: 90.35 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099568.D
 Acq: 17 Oct 2017 2:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 686752
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.2 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: BF099568.D
 Acq: 17 Oct 2017 2:25

Tgt Ion:264 Resp: 182576
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 21.3 17.5 26.3

