

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099502.D
 Acq On : 15 Oct 2017 3:36
 Operator : SJ/JU
 Sample : I5816-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 15 04:16:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

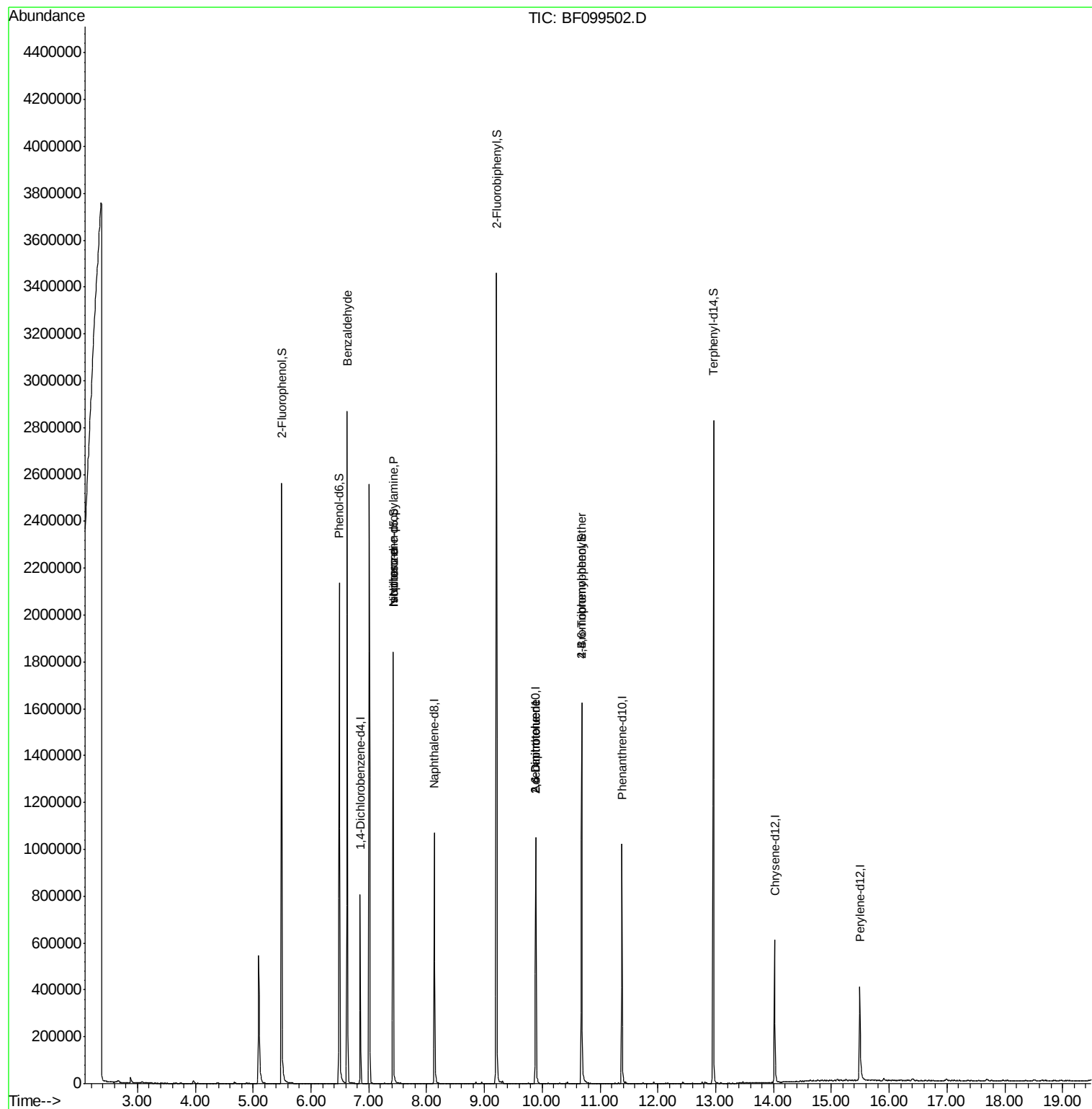
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	116815	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	488478	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	218487	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	374230	20.00	ng	0.00
75) Chrysene-d12	14.02	240	224352	20.00	ng	0.00
86) Perylene-d12	15.49	264	207725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	796665	108.57	ng	0.02
7) Phenol-d6	6.49	99	839684	92.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	661342	86.82	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	205114	114.73	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1200564	91.73	ng	0.00
78) Terphenyl-d14	12.96	244	967984	98.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	17178	3.271	ng	89
19) n-Nitroso-di-n-propylamine	7.42	70	84115	14.554	ng	# 73
25) Isophorone	7.42	82	661424	42.000	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	27160	7.565	ng	# 26
56) 2,4-Dinitrotoluene	9.89	165	27160	5.829	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	13778	3.761	ng	# 1

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

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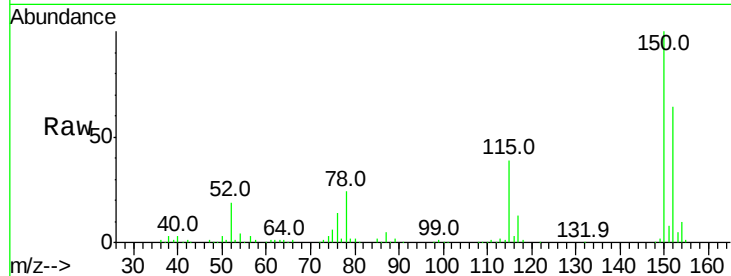




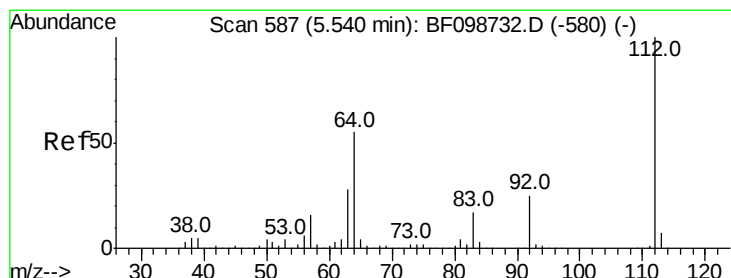
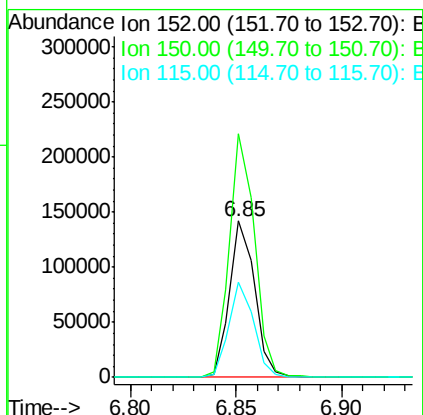
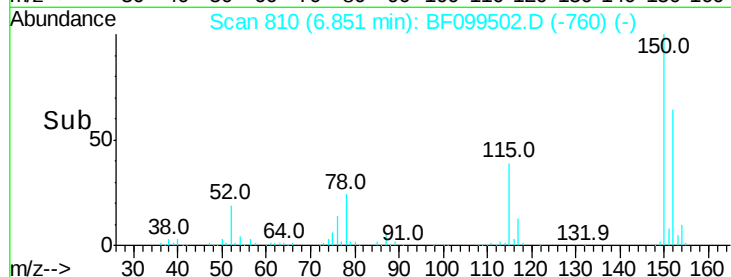
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 116815
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 60.5 50.1 75.1

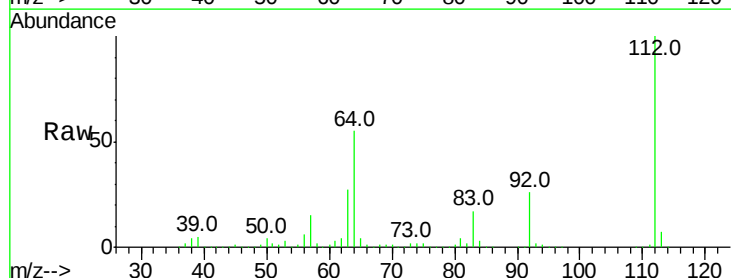


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

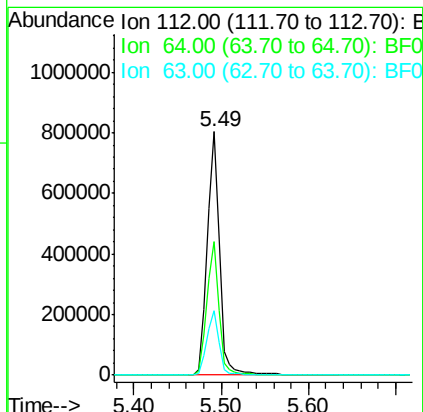
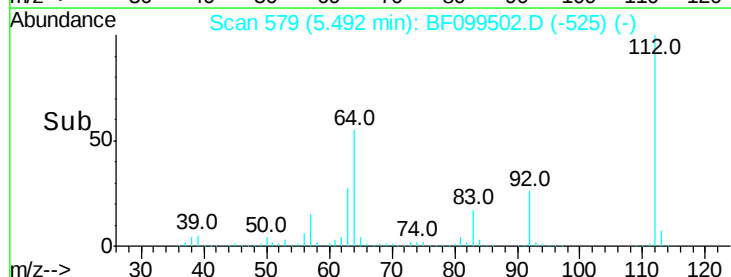


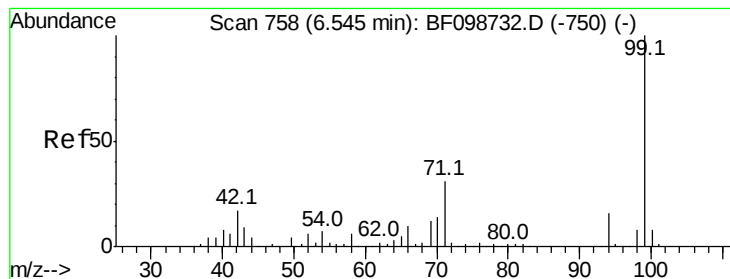
#5
 2-Fluorophenol
 Concen: 108.566 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Tgt Ion:112 Resp: 796665
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.9 71.9
 63 26.7 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: 92.759 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

Instrument :

BNA_F

ClientSampled :

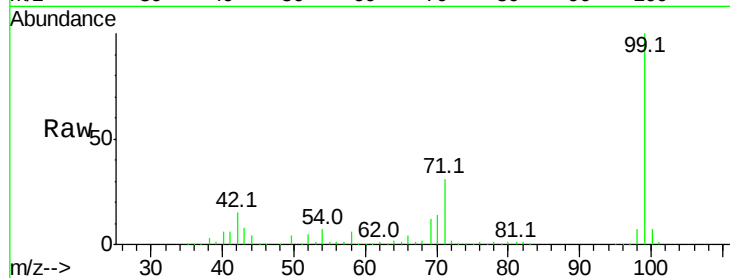
Tot Ion: 99 Resp: 839684

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

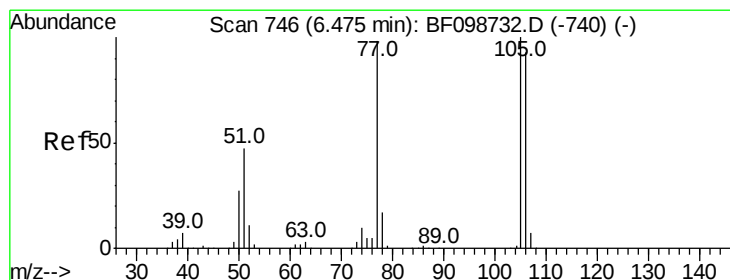
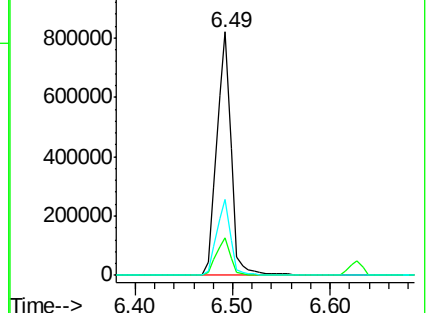
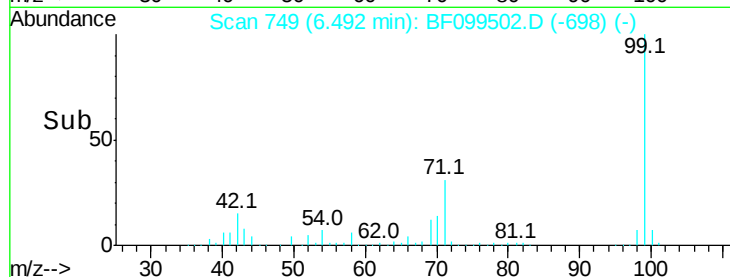
71 31.2 25.4 38.0



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: 3.271 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

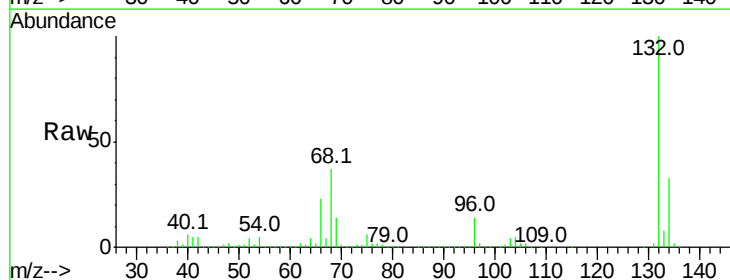
Tgt Ion: 77 Resp: 17178

Ion Ratio Lower Upper

77 100

105 89.0 81.1 121.1

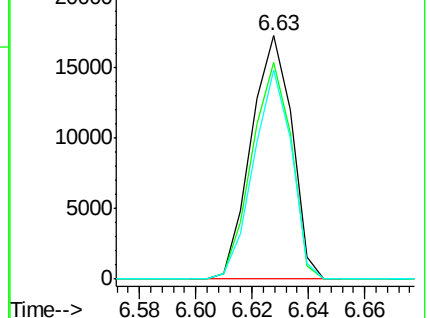
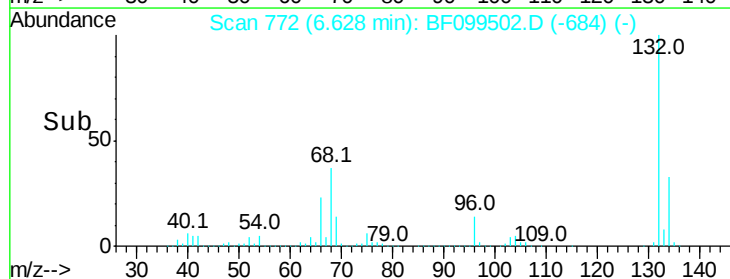
106 85.6 74.5 114.5

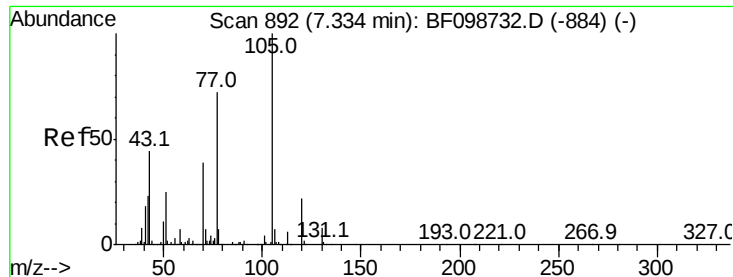


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

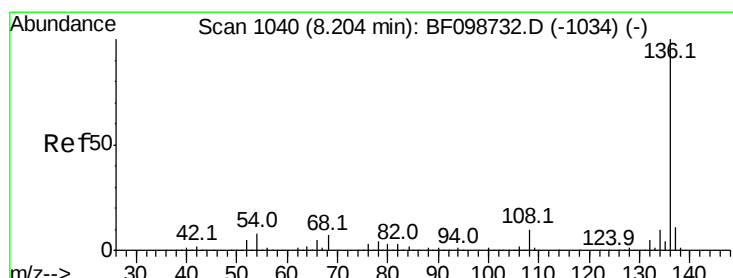
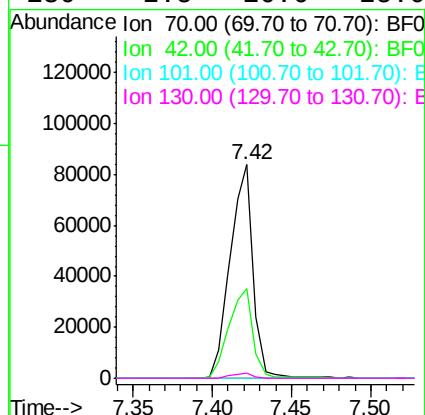
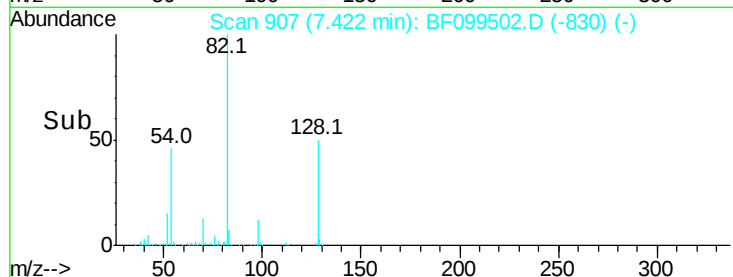
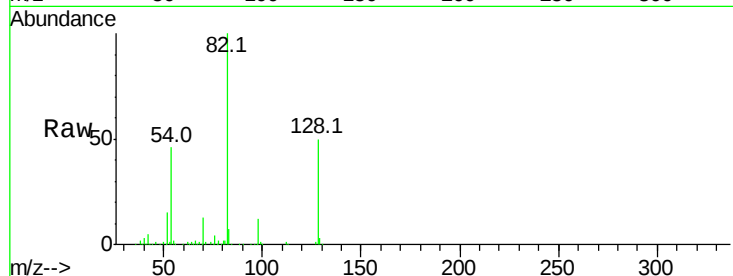




#19
n-Nitroso-di-n-propylamine
Concen: 14.554 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099502.D
Acq: 15 Oct 2017 3:36

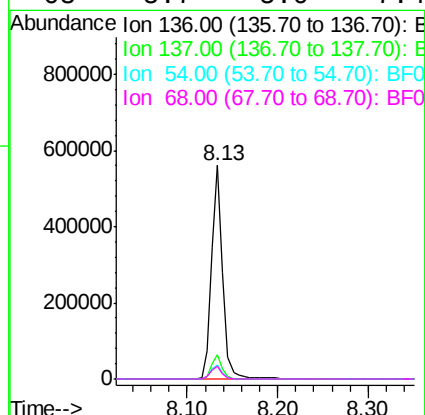
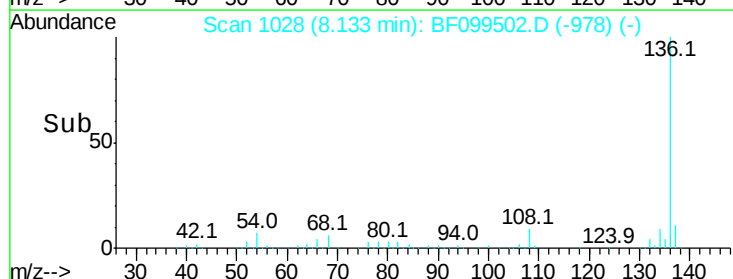
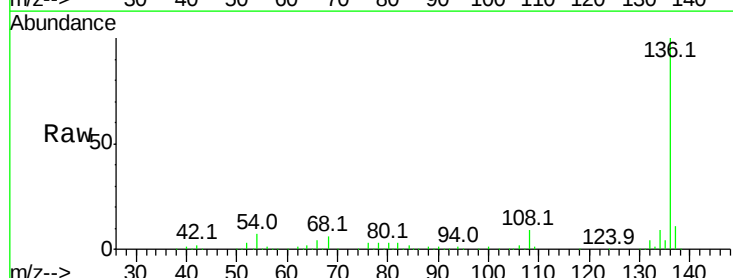
Instrument :
BNA_F
ClientSampleId :

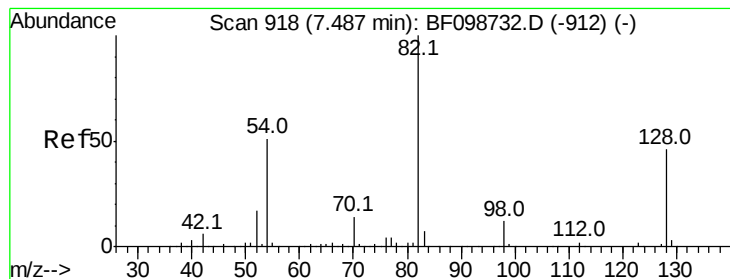
Tot Ion: 70 Resp: 84115
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099502.D
Acq: 15 Oct 2017 3:36

Tgt Ion: 136 Resp: 488478
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.8 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.825 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

Instrument :

BNA_F

ClientSampled :

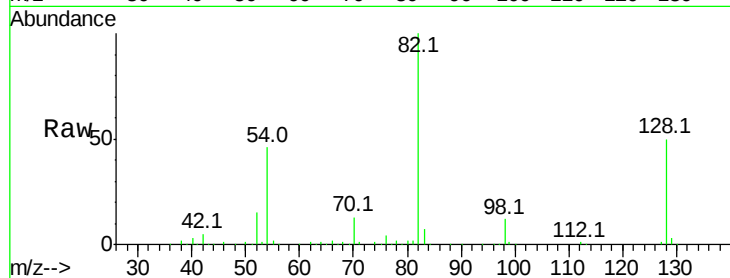
Tot Ion: 82 Resp: 661342

Ion Ratio Lower Upper

82 100

128 49.7 36.1 54.1

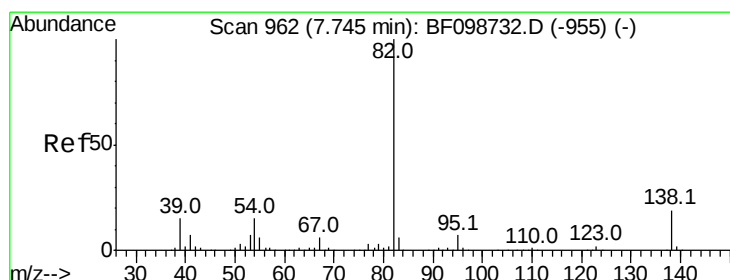
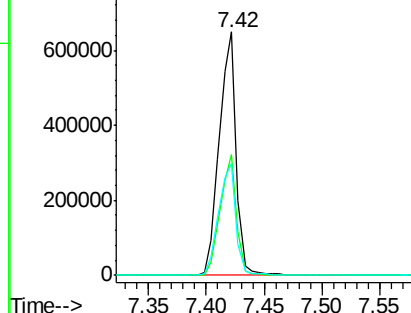
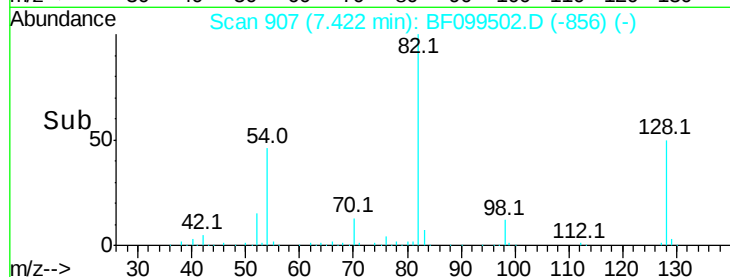
54 46.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 42.000 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

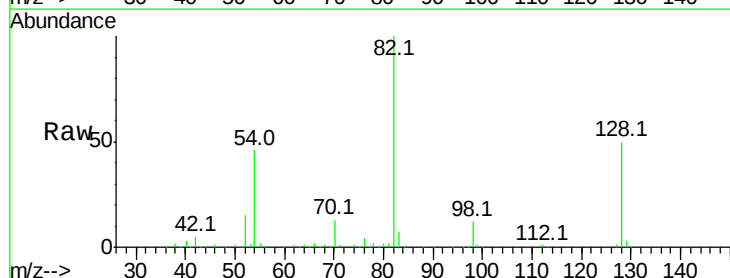
Tgt Ion: 82 Resp: 661424

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

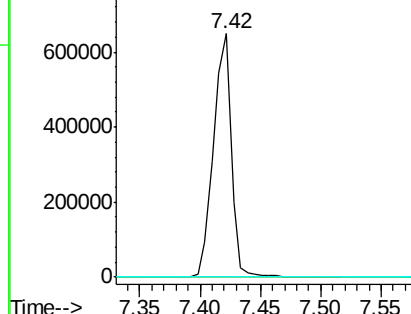
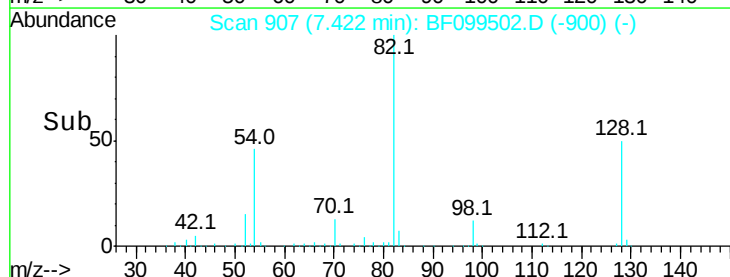
138 0.0 14.9 22.3#



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

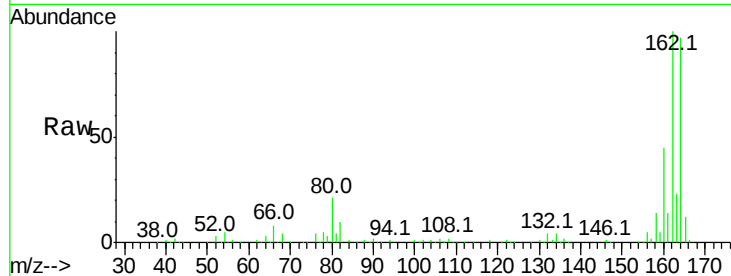




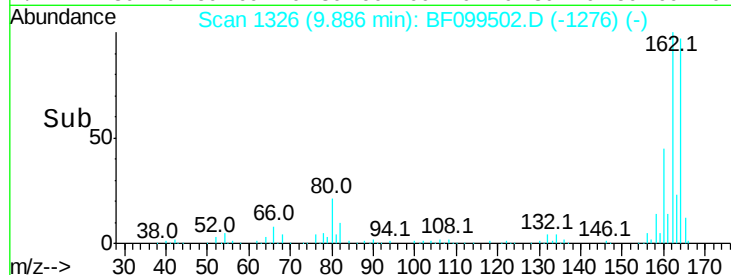
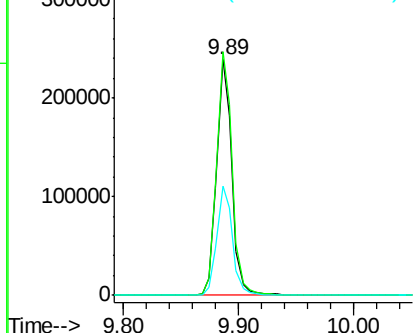
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099502.D
Acq: 15 Oct 2017 3:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 218487
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 46.4 38.3 57.5

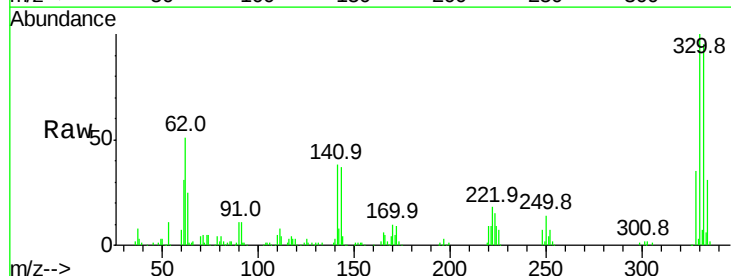


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

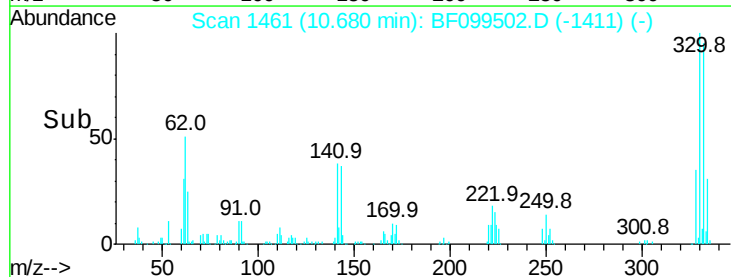
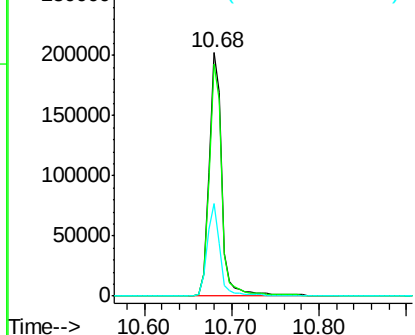


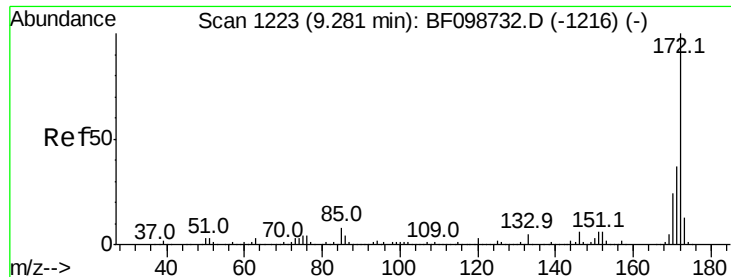
#41
2,4,6-Tribromophenol
Concen: 114.729 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF099502.D
Acq: 15 Oct 2017 3:36

Tgt Ion:330 Resp: 205114
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 38.6 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



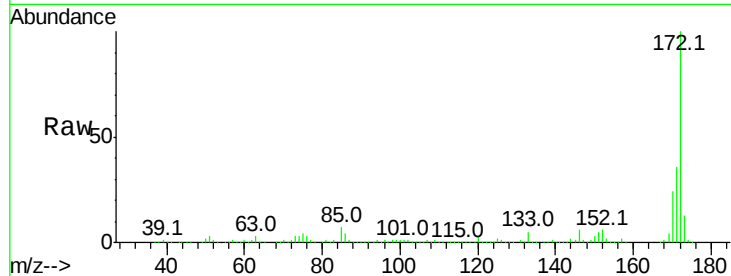


#44
 2-Fluorobiphenyl
 Concen: 91.733 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

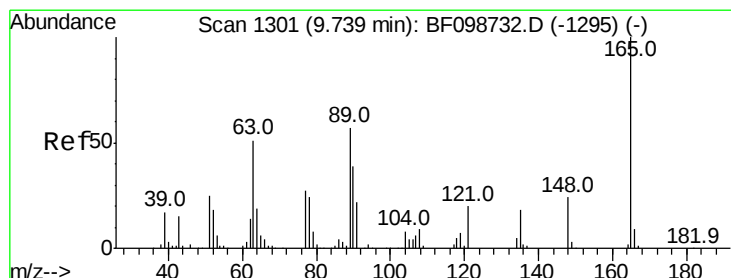
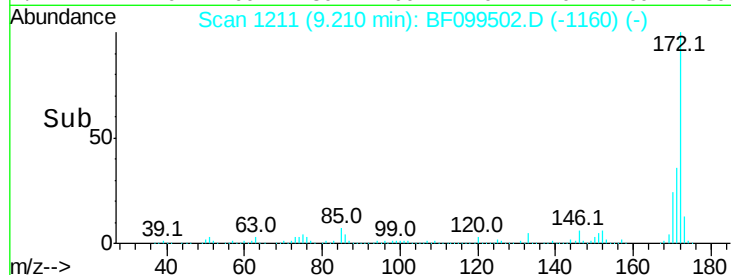
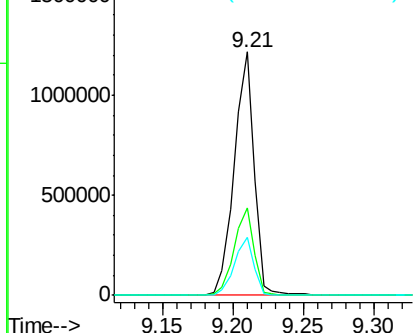
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1200564

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4



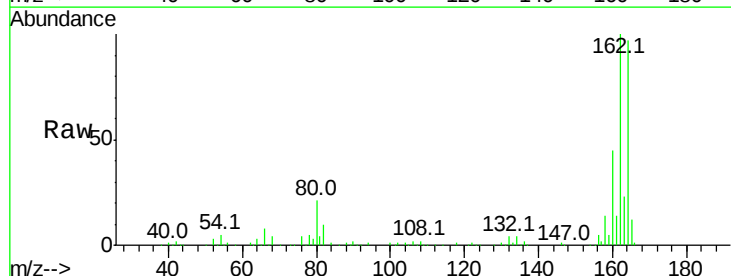
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



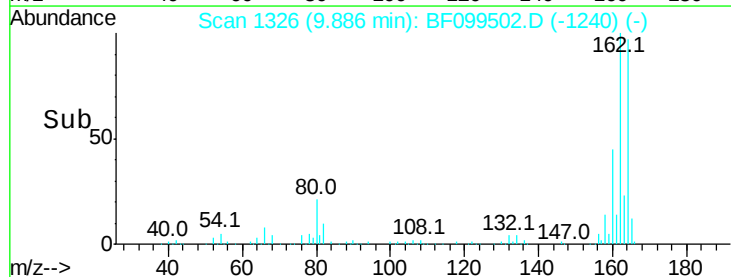
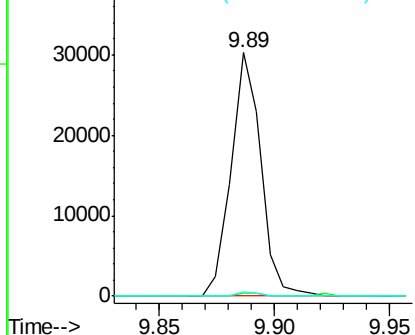
#50
 2,6-Dinitrotoluene
 Concen: 7.565 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Tgt Ion:165 Resp: 27160

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.7	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

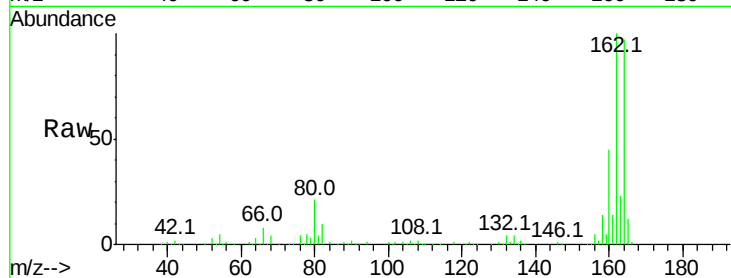




#56
 2,4-Dinitrotoluene
 Concen: 5.829 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.21 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	27160
Ion Ratio	Lower	Upper
165 100		
63 1.4	36.4	54.6#
89 1.7	57.8	86.6#
182 0.0	1.6	2.4#

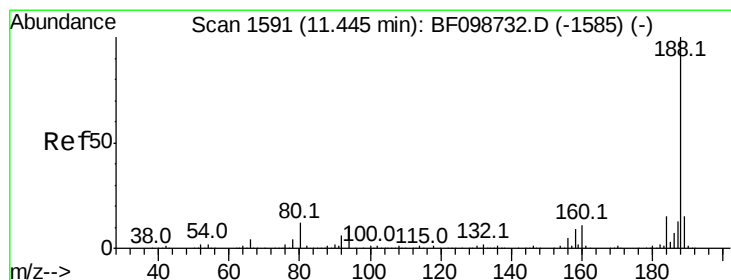
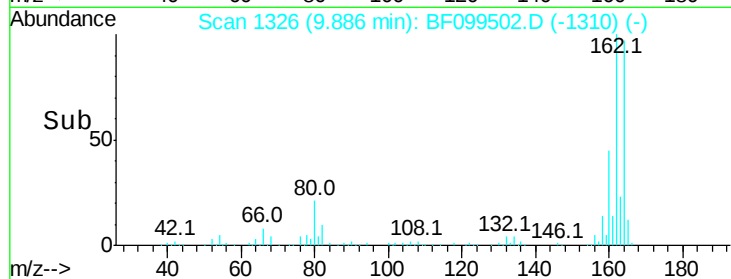
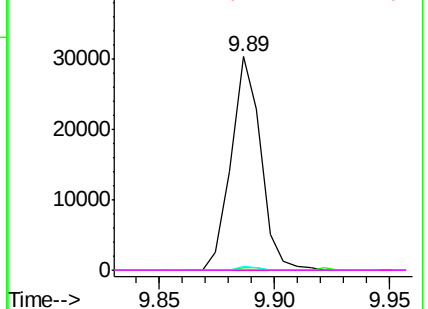


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

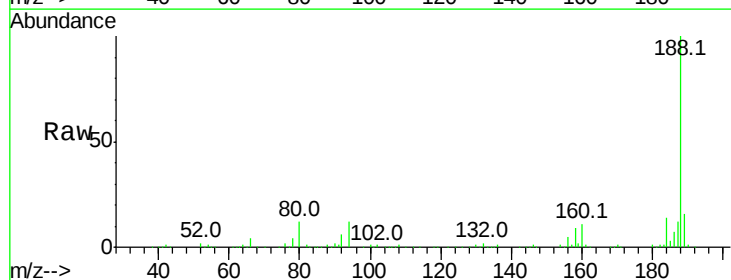
Ion 89.00 (88.70 to 89.70): BF0

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. -0.01 min
 Lab File: BF099502.D
 Acq: 15 Oct 2017 3:36

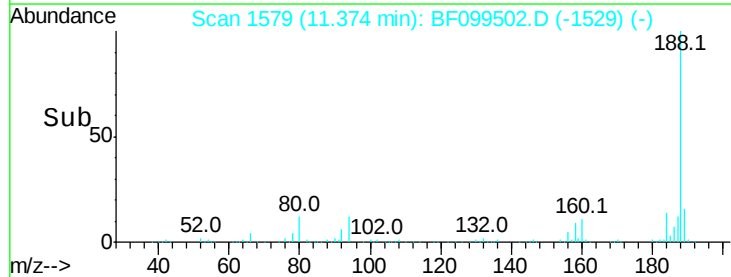
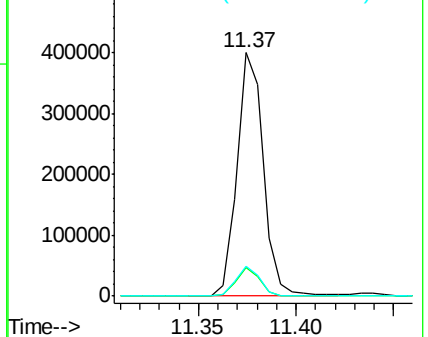
Tgt Ion:188	Resp:	374230
Ion Ratio	Lower	Upper
188 100		
94 11.8	8.5	12.7
80 12.4	9.2	13.8

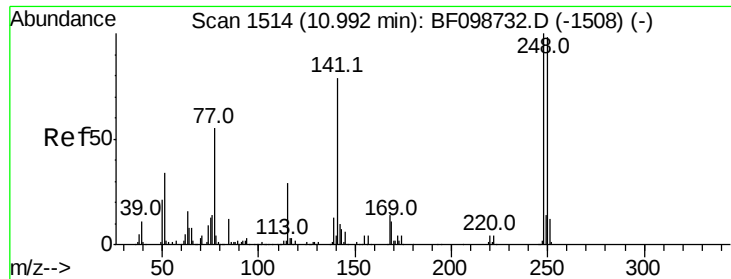


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

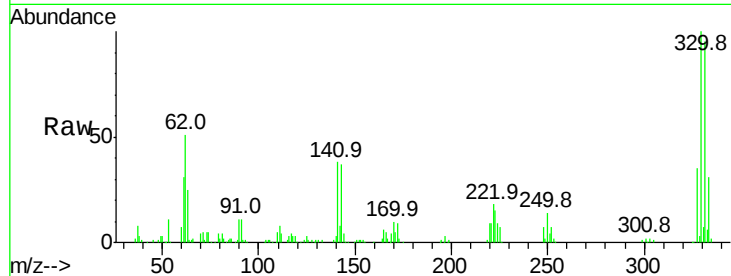




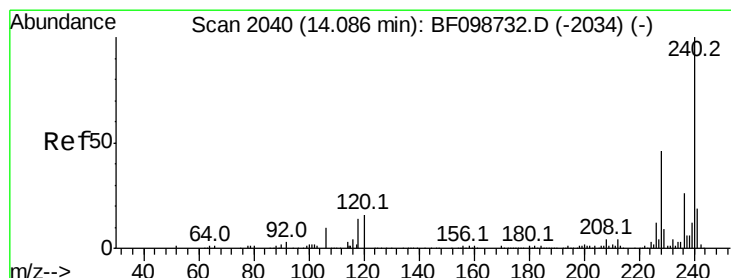
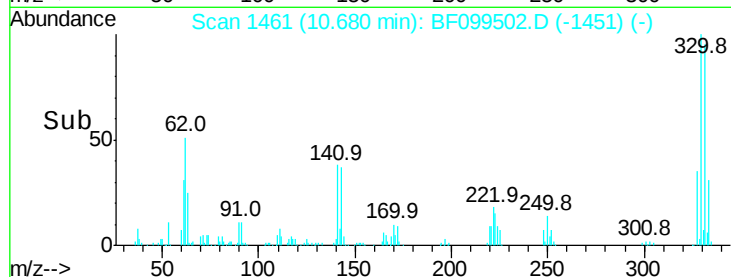
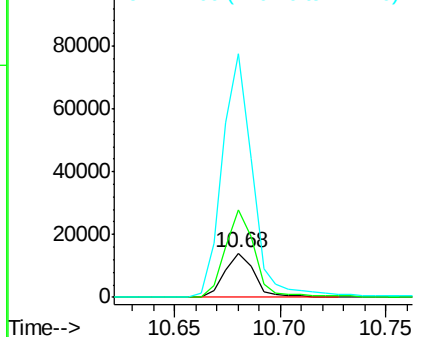
#66
4-Bromophenyl-phenylether
Concen: 3.761 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099502.D
Acq: 15 Oct 2017 3:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13778
Ion Ratio Lower Upper
248 100
250 198.0 76.9 115.3#
141 547.9 74.4 111.6#

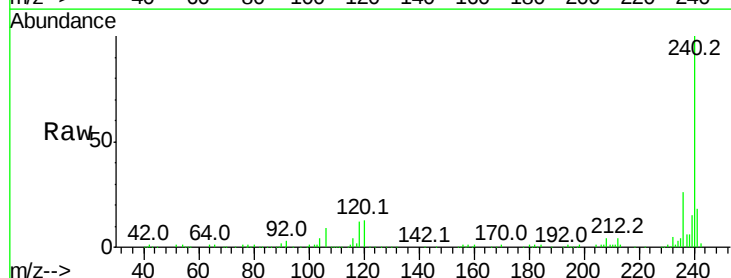


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

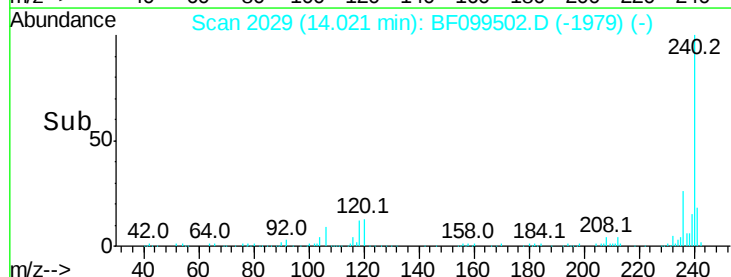
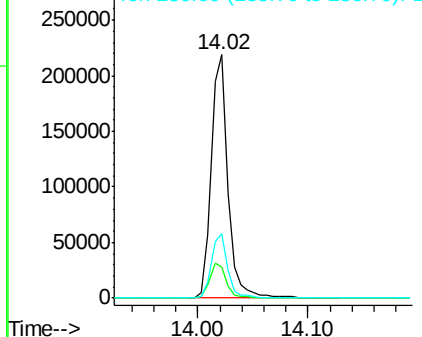


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099502.D
Acq: 15 Oct 2017 3:36

Tgt Ion:240 Resp: 224352
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.3 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: 98.122 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

Instrument :

BNA_F

ClientSampleId :

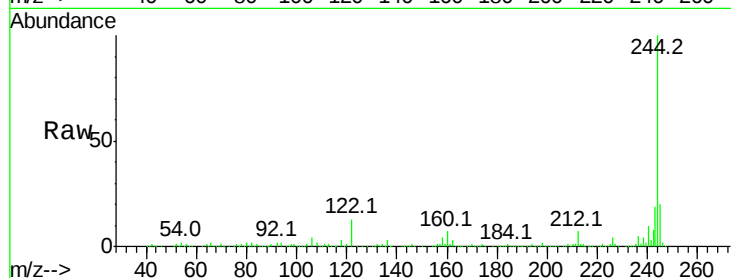
Tot Ion:244 Resp: 967984

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

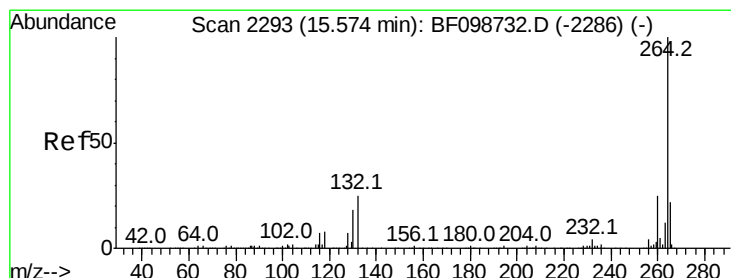
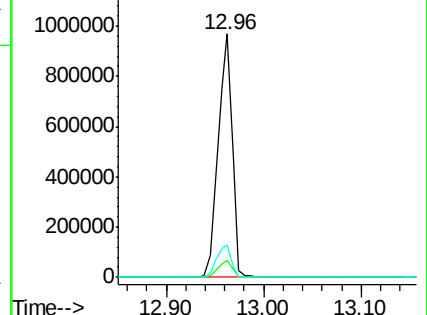
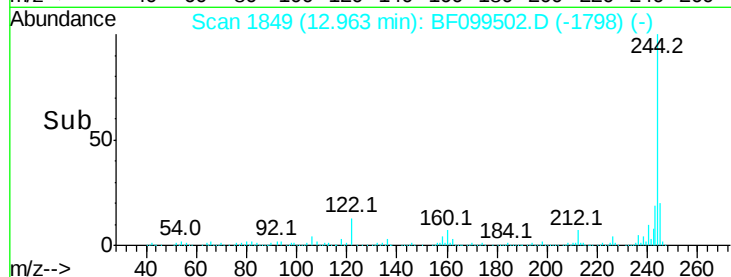
122 13.2 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF099502.D

Acq: 15 Oct 2017 3:36

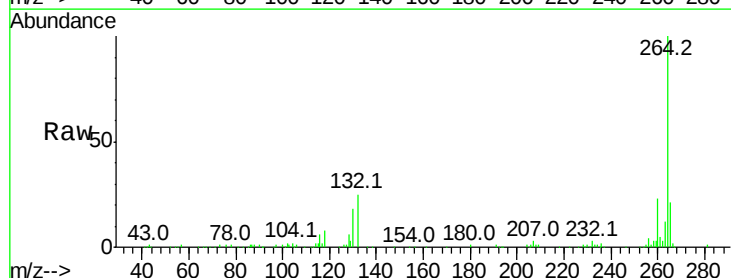
Tgt Ion:264 Resp: 207725

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.1 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

