

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100259.D
 Acq On : 6 Nov 2017 19:06
 Operator : SJ/JU
 Sample : I6337-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:18:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

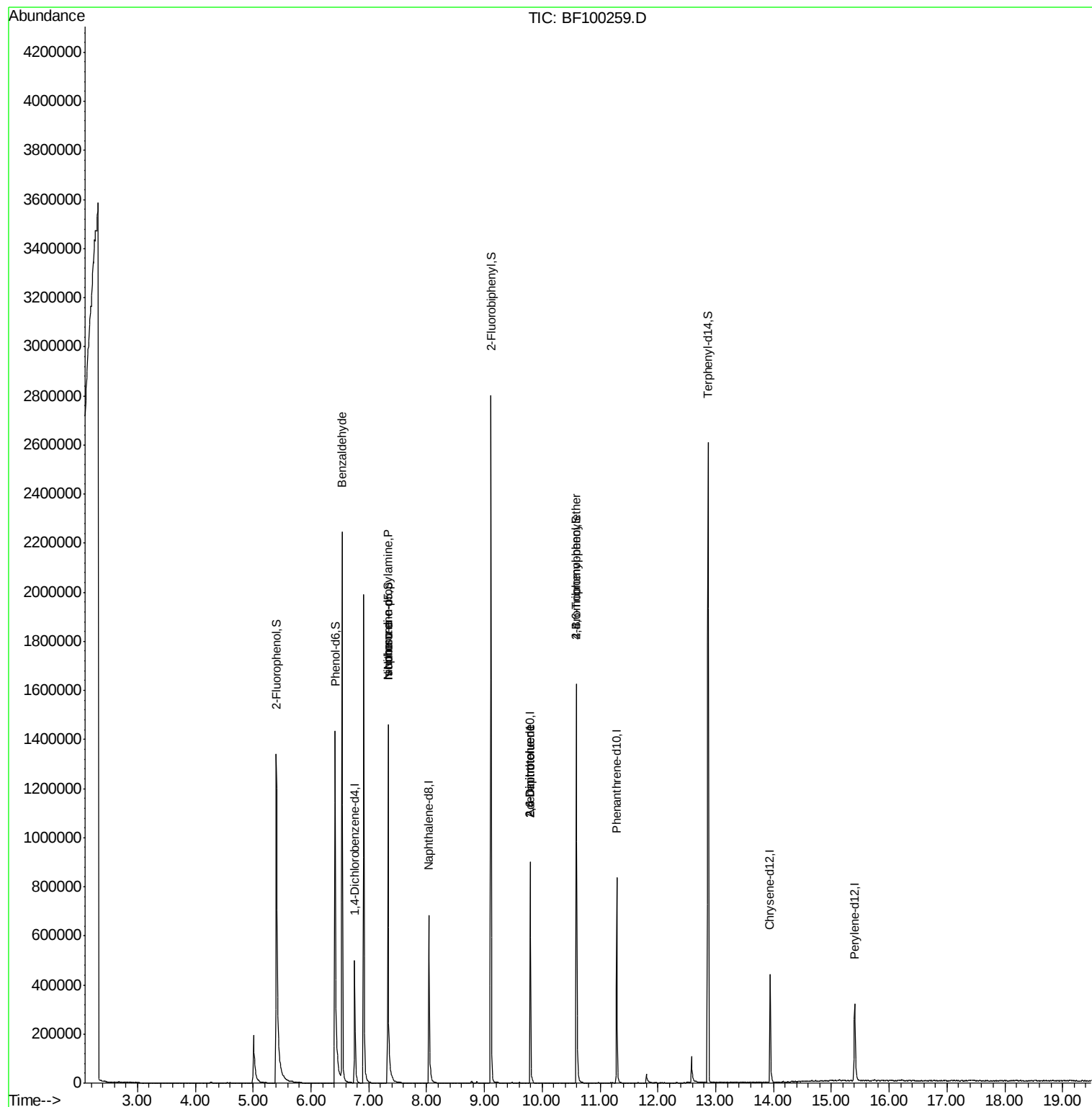
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95025	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	399576	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	183553	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	326910	20.00	ng	0.00
75) Chrysene-d12	13.94	240	182251	20.00	ng	0.00
86) Perylene-d12	15.40	264	169266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	742862	122.73	ng	0.02
7) Phenol-d6	6.42	99	806027	112.31	ng	0.00
23) Nitrobenzene-d5	7.33	82	551781	88.90	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	226232	135.25	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1094261	91.98	ng	0.00
78) Terphenyl-d14	12.87	244	931812	111.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	13375	3.119	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	68261	16.230	ng	# 71
25) Isophorone	7.33	82	551778	48.994	ng	# 64
50) 2,6-Dinitrotoluene	9.79	165	23271	7.615	ng	# 24
56) 2,4-Dinitrotoluene	9.79	165	23271	6.324	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	14457	4.201	ng	# 1

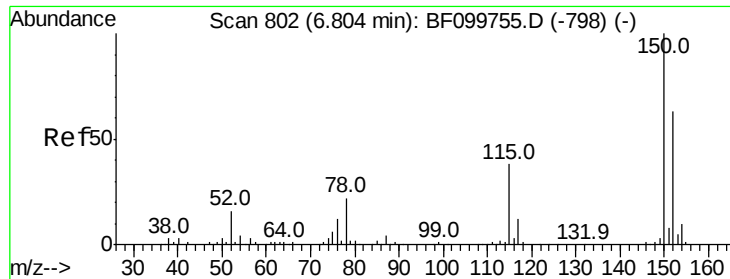
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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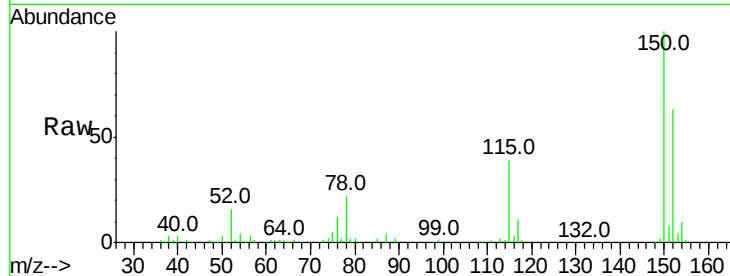


#1

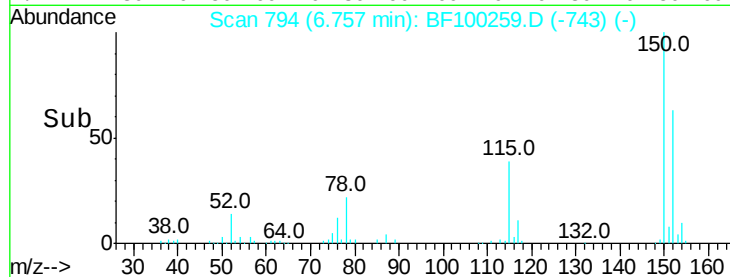
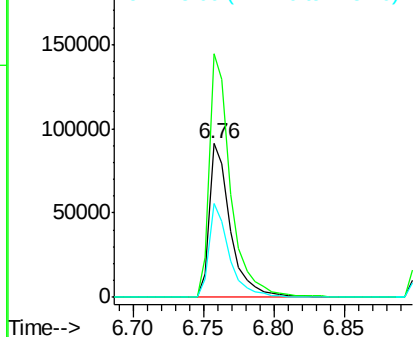
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95025
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.2 50.1 75.1



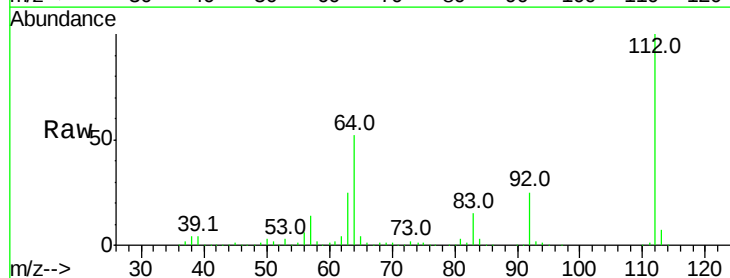
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



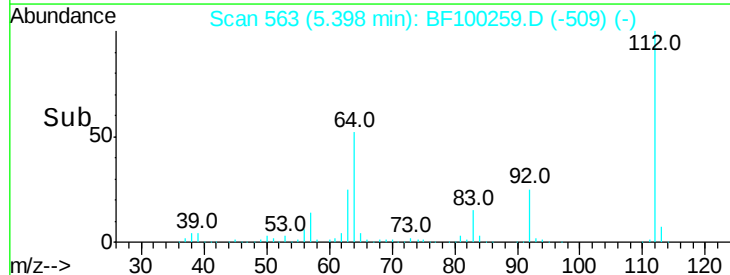
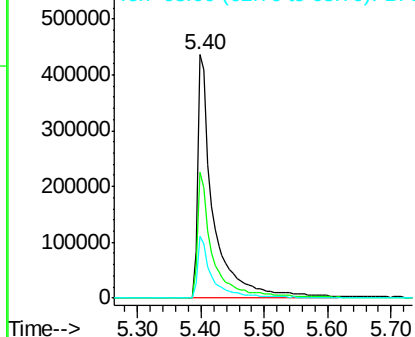
#5

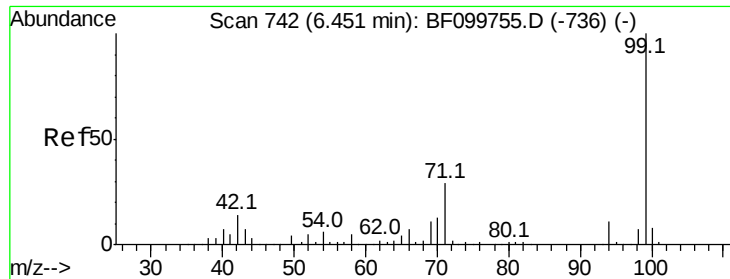
2-Fluorophenol
Concen: 122.733 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

Tgt Ion:112 Resp: 742862
Ion Ratio Lower Upper
112 100
64 51.7 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): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 112.310 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

Instrument :

BNA_F

ClientSampleId :

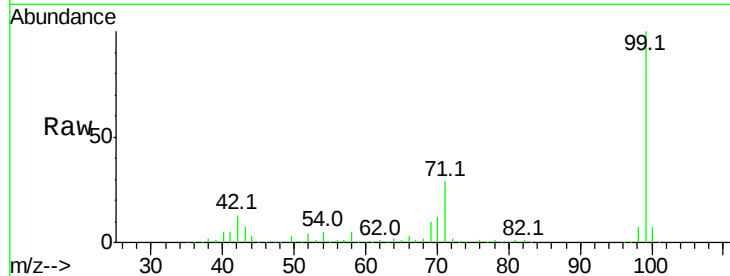
Tot Ion: 99 Resp: 806027

Ion Ratio Lower Upper

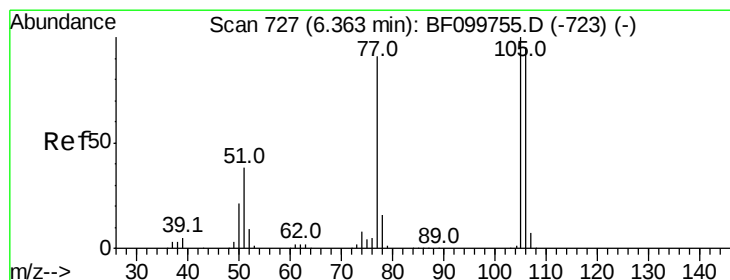
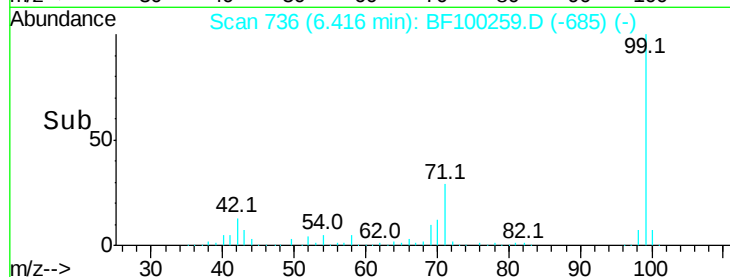
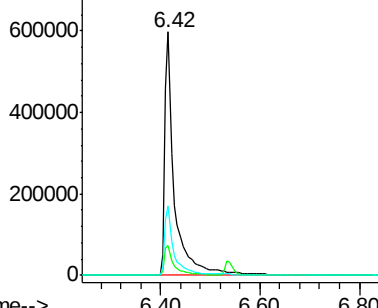
99 100

42 12.5 14.5 21.7#

71 28.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.119 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

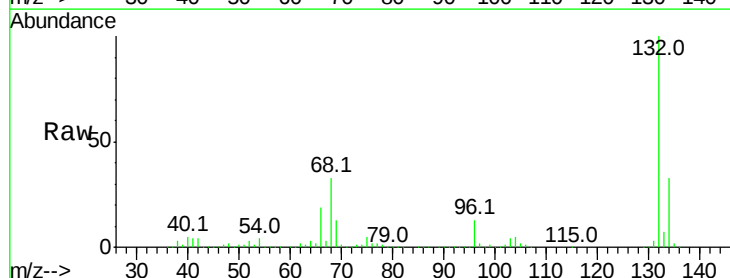
Tgt Ion: 77 Resp: 13375

Ion Ratio Lower Upper

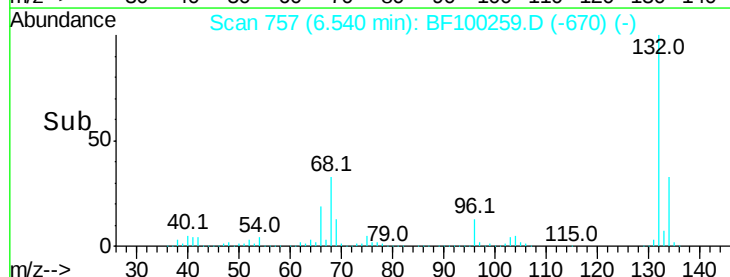
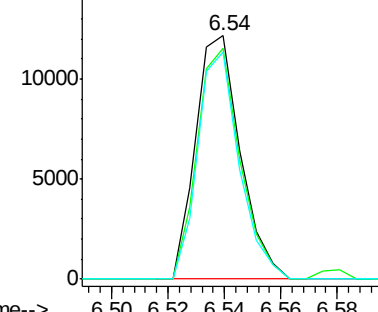
77 100

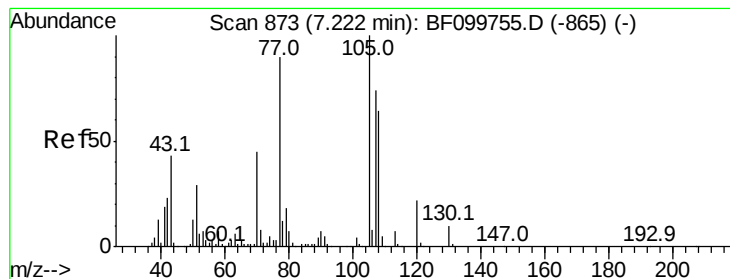
105 95.0 81.1 121.1

106 93.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 16.230 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 68261

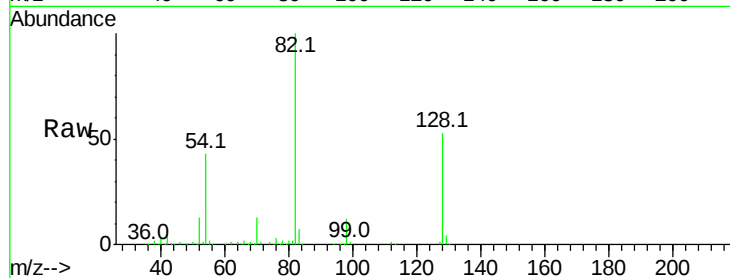
Ion Ratio Lower Upper

70 100

42 39.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#



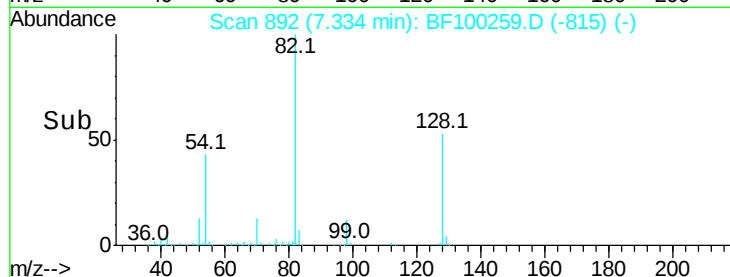
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



Abundance

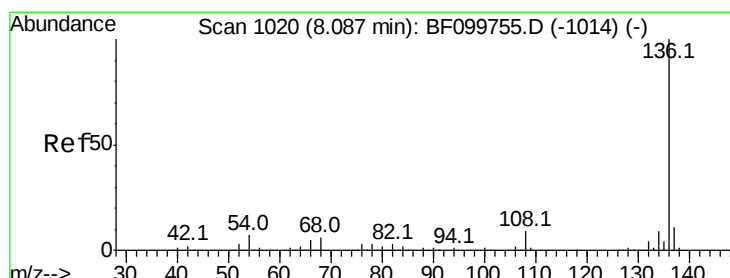
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

Tgt Ion:136 Resp: 399576

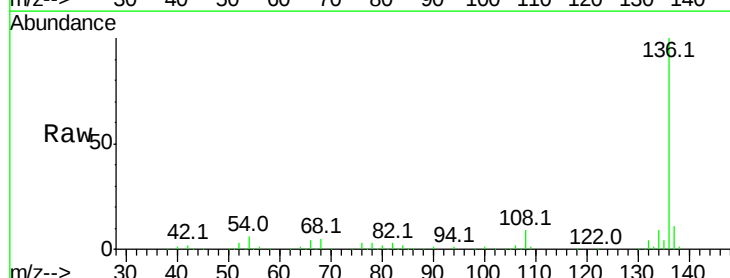
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4



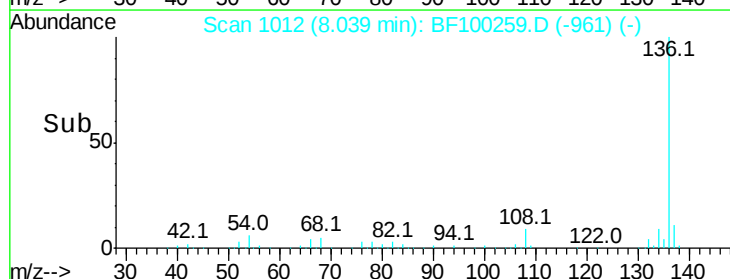
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->



Abundance

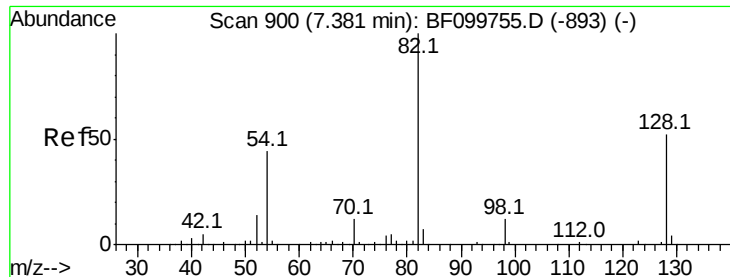
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

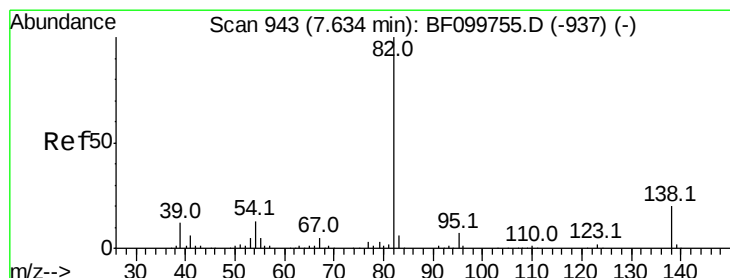
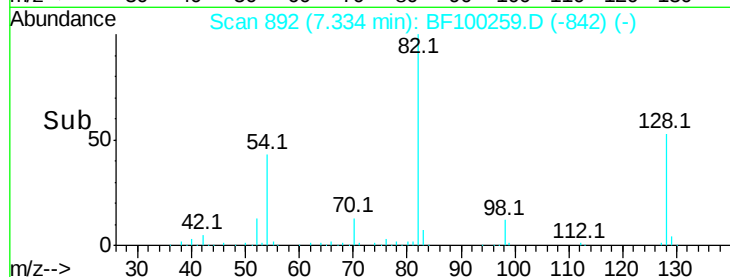
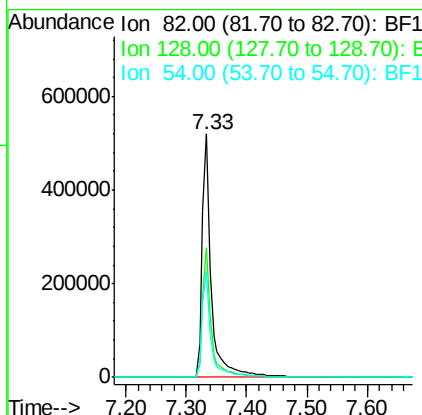
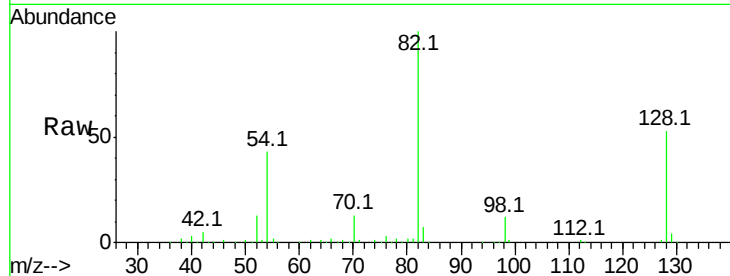
Time-->



#23
Nitrobenzene-d5
Concen: 88.904 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

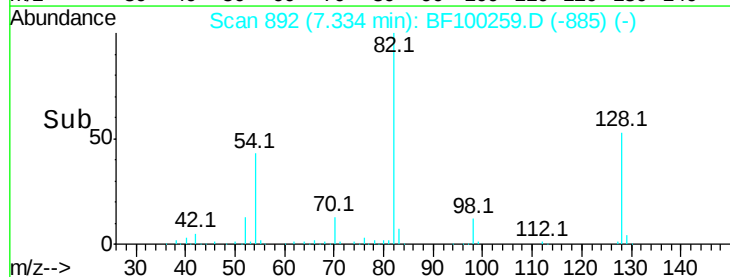
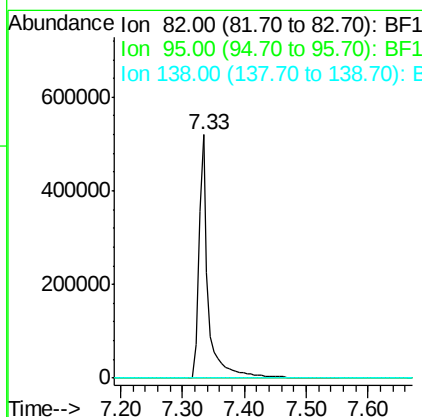
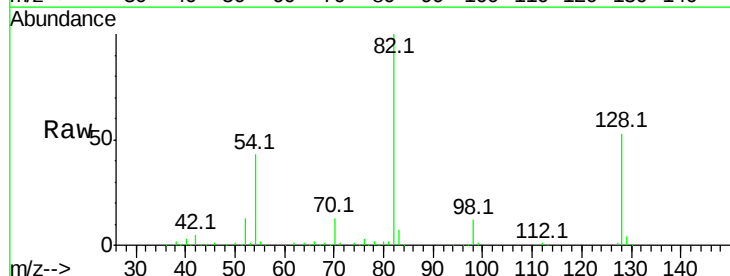
Instrument :
BNA_F
ClientSampled :

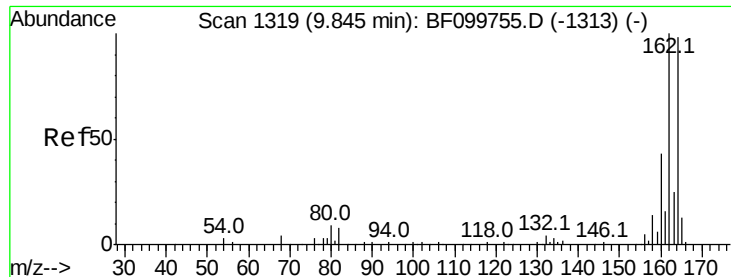
Tot Ion: 82 Resp: 551781
Ion Ratio Lower Upper
82 100
128 53.3 36.1 54.1
54 43.3 41.4 62.2



#25
Isophorone
Concen: 48.994 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

Tgt Ion: 82 Resp: 551778
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

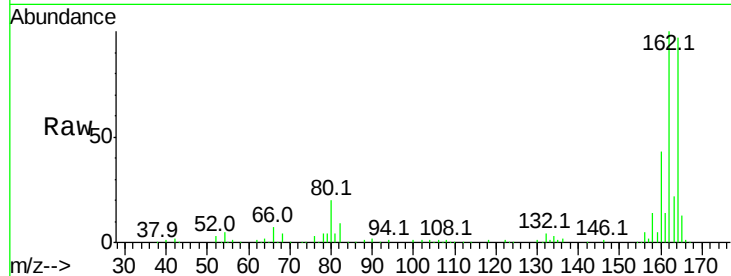




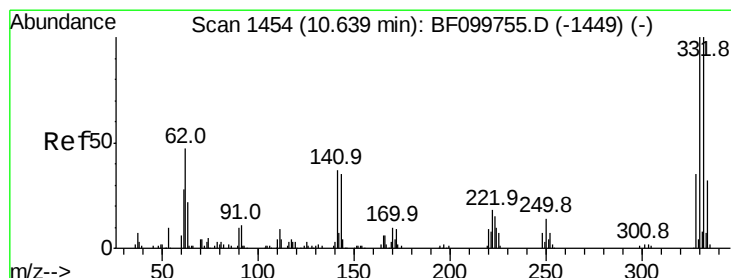
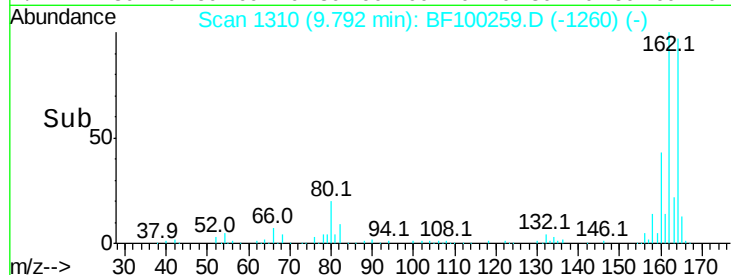
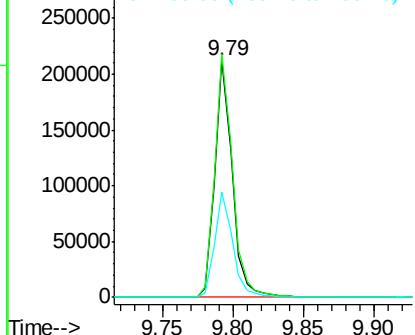
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 183553
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 44.6 38.3 57.5

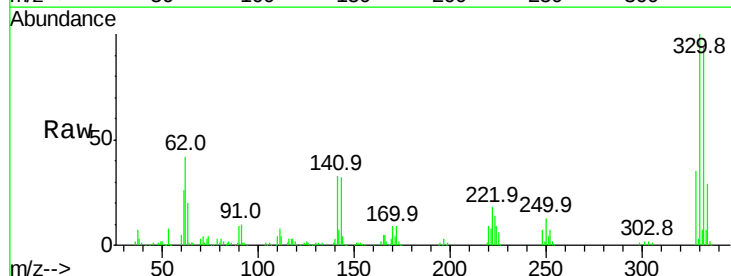


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

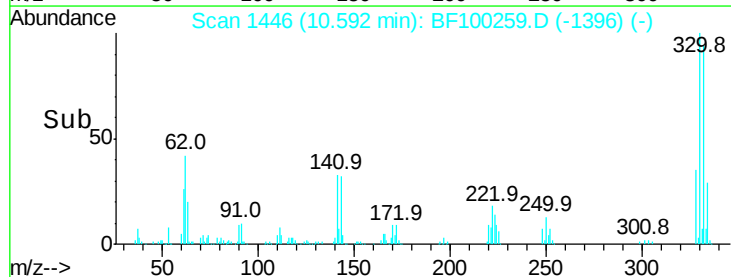
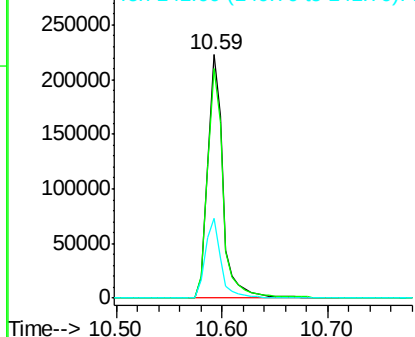


#41
2,4,6-Tribromophenol
Concen: 135.246 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

Tgt Ion:330 Resp: 226232
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 33.2 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



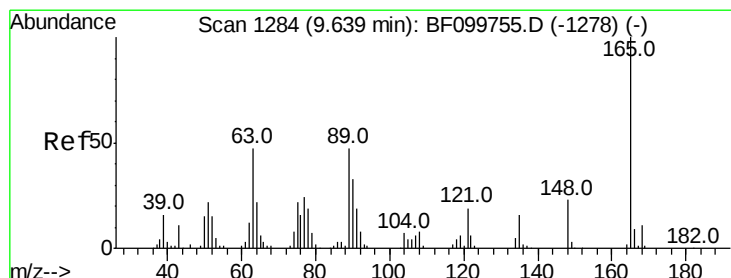
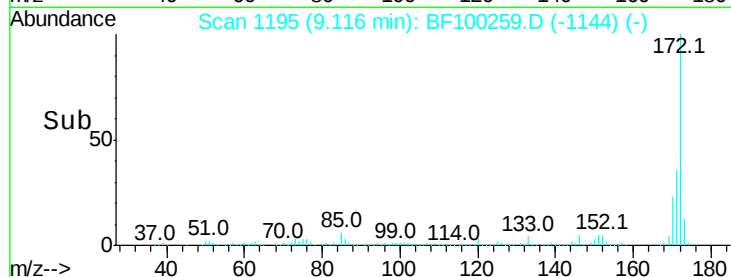
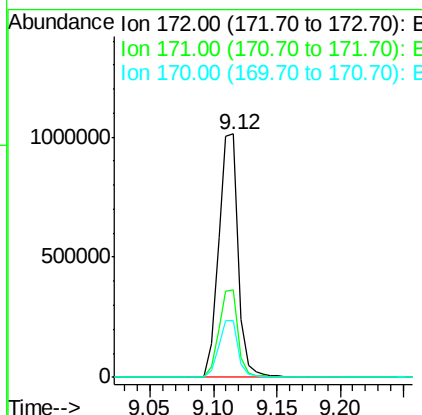
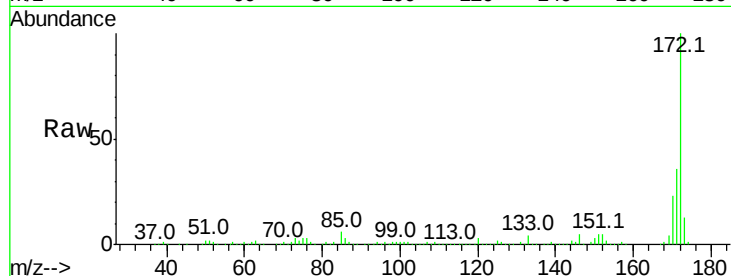


#44
 2-Fluorobiphenyl
 Concen: 91.977 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1094261

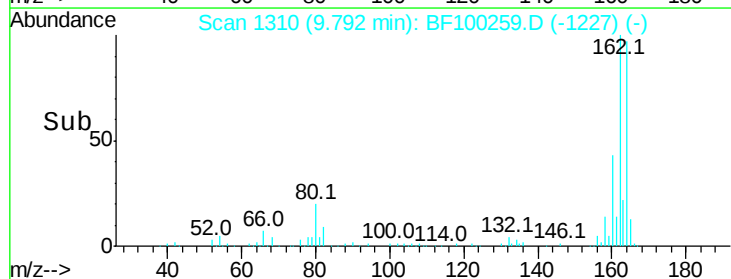
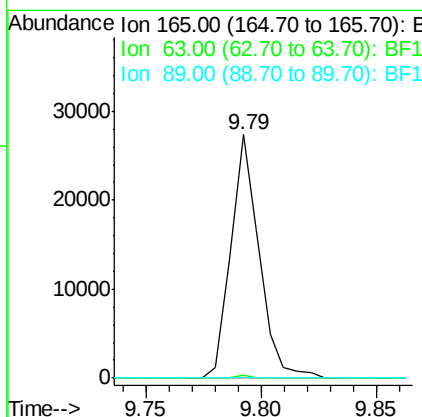
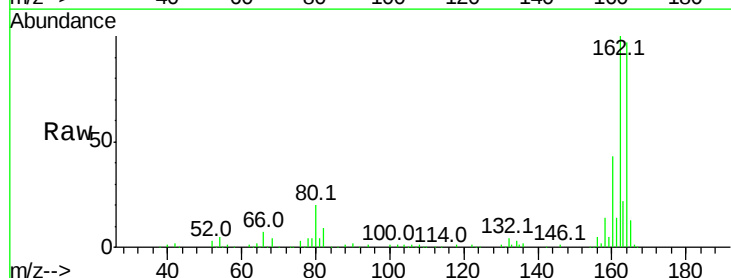
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.4	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.615 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.19 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

Tgt Ion:165 Resp: 23271

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	0.0	44.0	66.0#

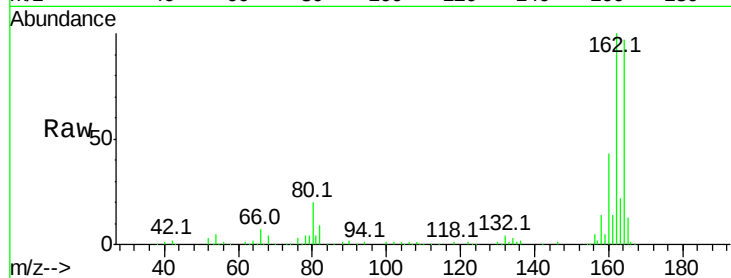




#56
 2,4-Dinitrotoluene
 Concen: 6.324 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	23271
Ion Ratio	Lower	Upper
165	100	
63	1.2	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

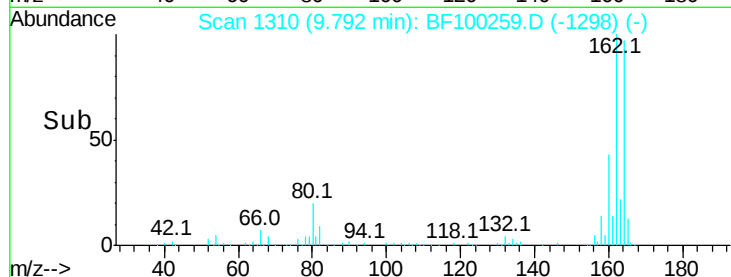
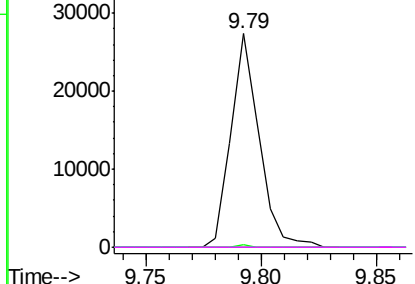


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

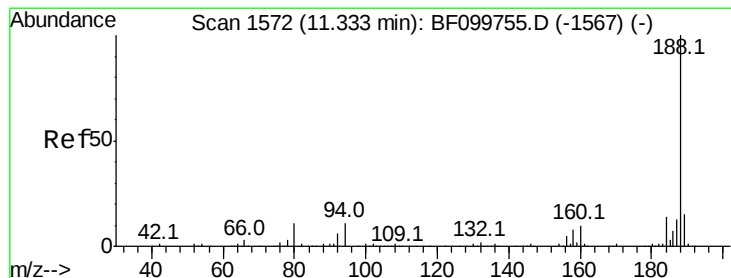
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100259.D
 Acq: 6 Nov 2017 19:06

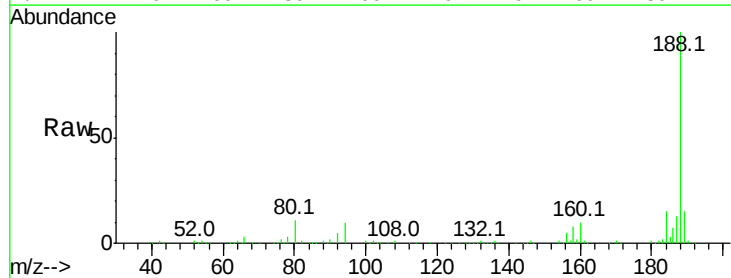
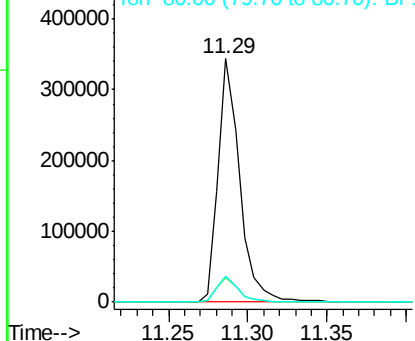
Tgt Ion:188	Resp:	326910
Ion Ratio	Lower	Upper
188	100	
94	10.2	8.5 12.7
80	10.8	9.2 13.8

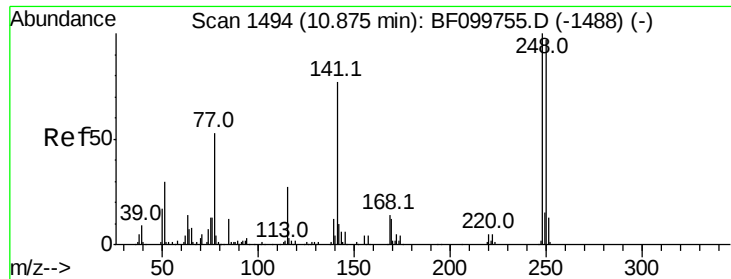


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

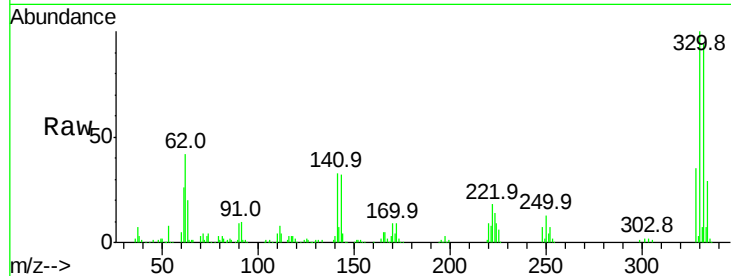




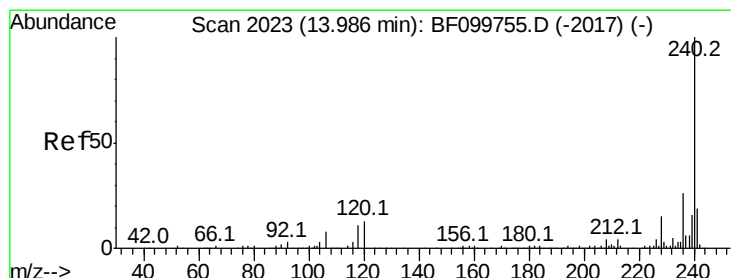
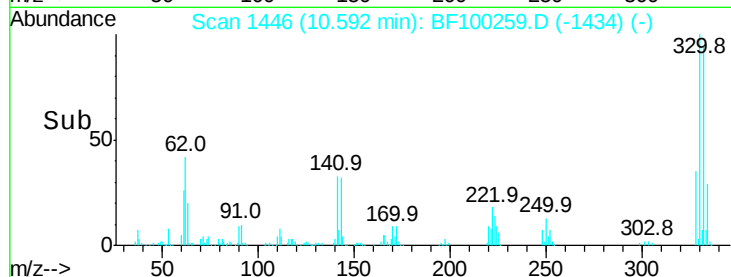
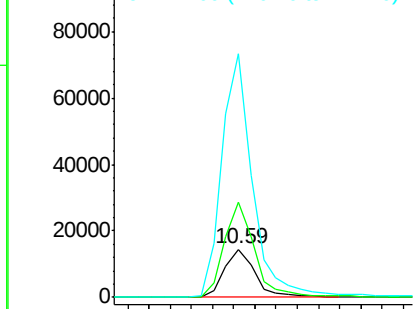
#66
4-Bromophenyl-phenylether
Concen: 4.201 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.23 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 14457
Ion Ratio Lower Upper
248 100
250 196.3 76.9 115.3#
141 503.5 74.4 111.6#

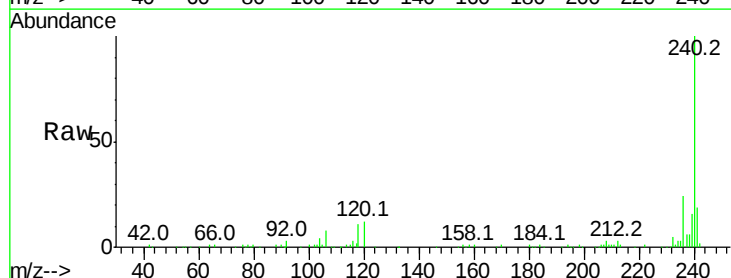


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

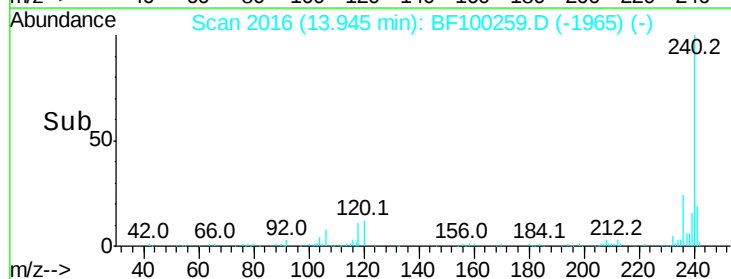
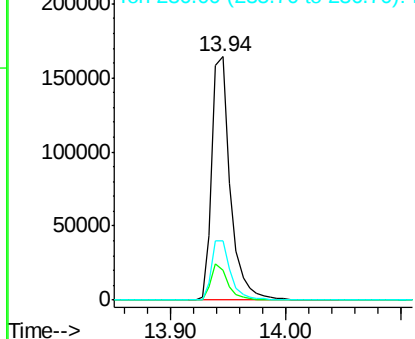


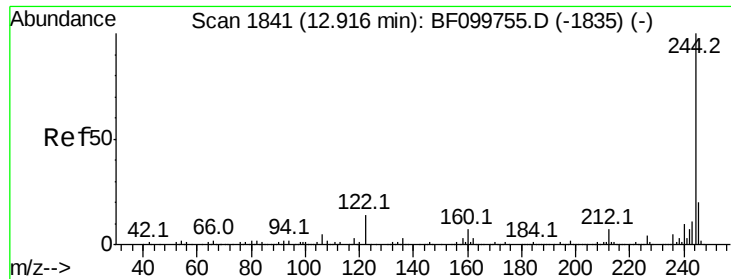
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100259.D
Acq: 6 Nov 2017 19:06

Tgt Ion:240 Resp: 182251
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 24.3 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: 111.734 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

Instrument :

BNA_F

ClientSampleId :

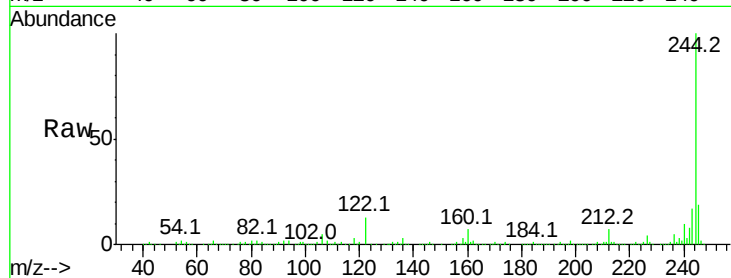
Tot Ion:244 Resp: 931812

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

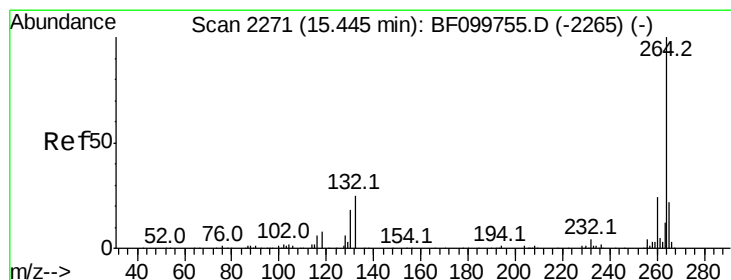
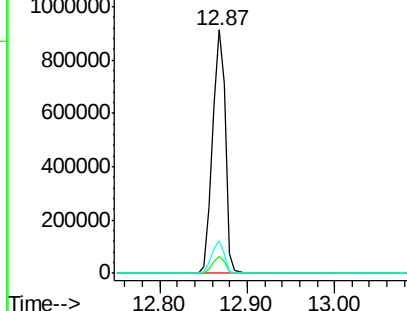
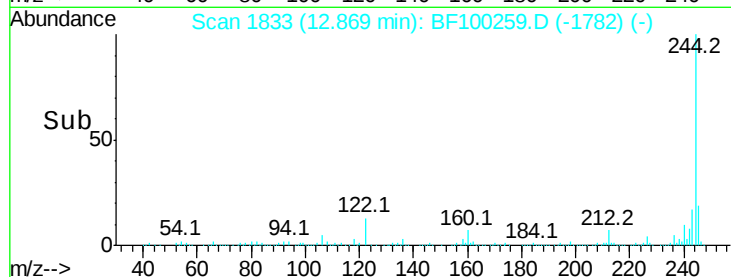
122 13.2 11.0 16.4



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: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF100259.D

Acq: 6 Nov 2017 19:06

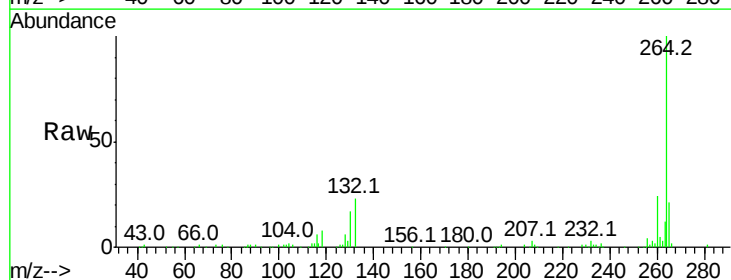
Tgt Ion:264 Resp: 169266

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.6 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

