

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100263.D
 Acq On : 6 Nov 2017 20:54
 Operator : SJ/JU
 Sample : PB104022TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:19:49 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

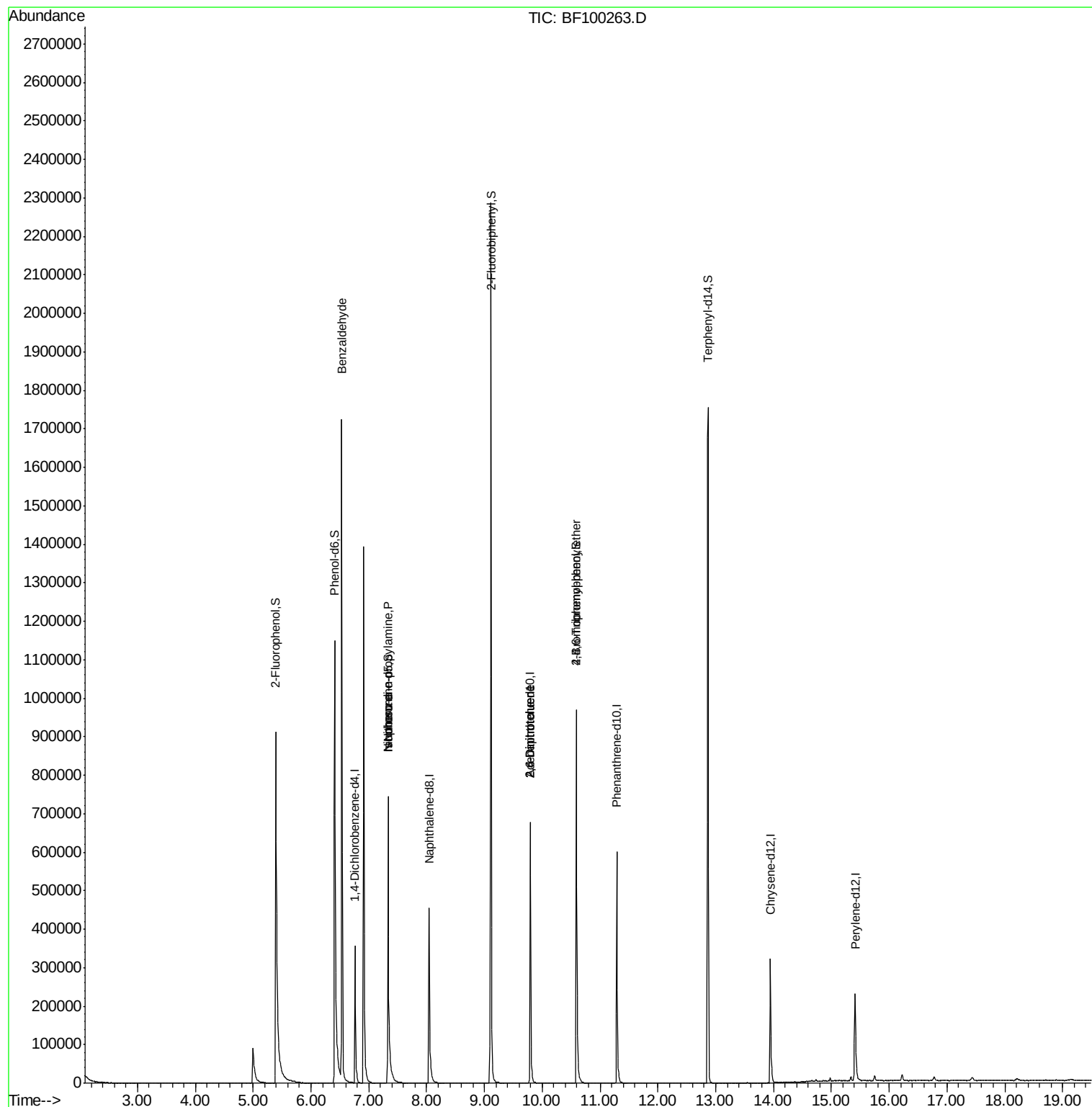
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	78961	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	331208	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	154977	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	278117	20.00	ng	0.00
75) Chrysene-d12	13.94	240	141378	20.00	ng	0.00
86) Perylene-d12	15.41	264	140600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	553570	110.07	ng	0.01
7) Phenol-d6	6.41	99	671356	112.58	ng	0.00
23) Nitrobenzene-d5	7.33	82	362702	70.50	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	142453	100.86	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	788015	78.45	ng	0.00
78) Terphenyl-d14	12.87	244	623717	96.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	9823	2.756	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	44062	12.608	ng	# 69
25) Isophorone	7.33	82	362730	38.856	ng	# 64
50) 2,6-Dinitrotoluene	9.79	165	19714	7.641	ng	# 24
56) 2,4-Dinitrotoluene	9.79	165	19714	6.345	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	8962	3.061	ng	# 1

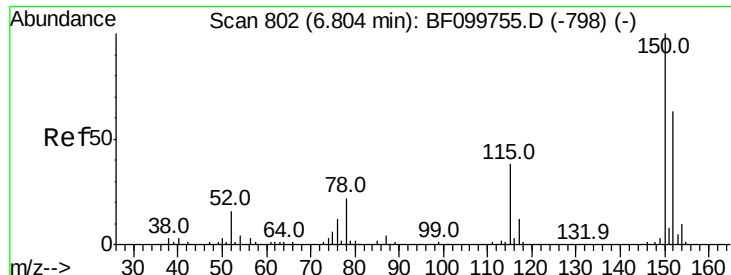
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110617\
Data File : BF100263.D
Acq On : 6 Nov 2017 20:54
Operator : SJ/JU
Sample : PB104022TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 00:19:49 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



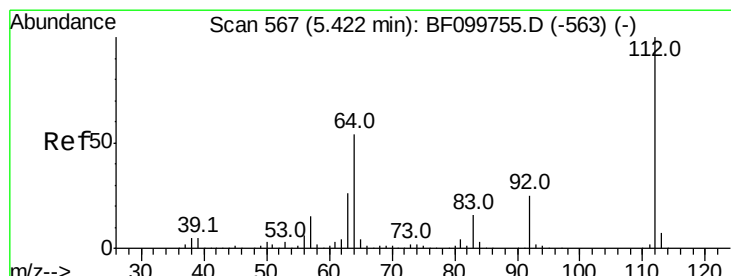
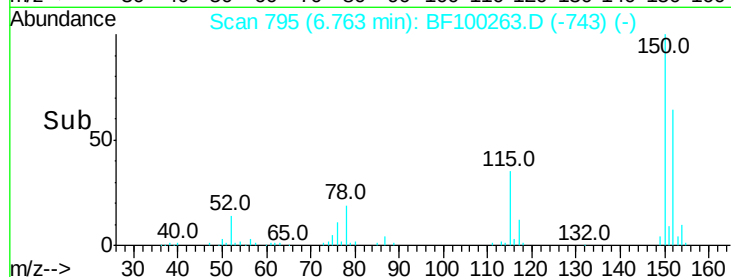
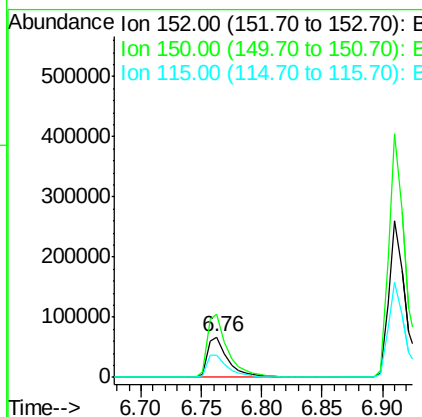
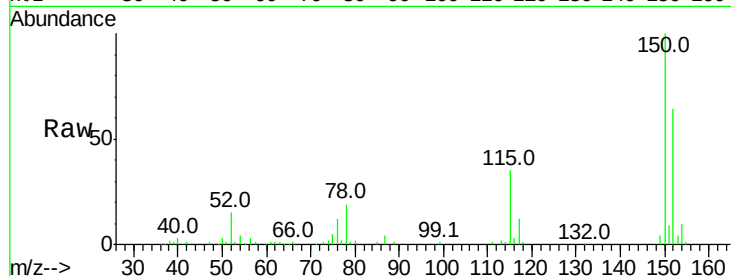


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :

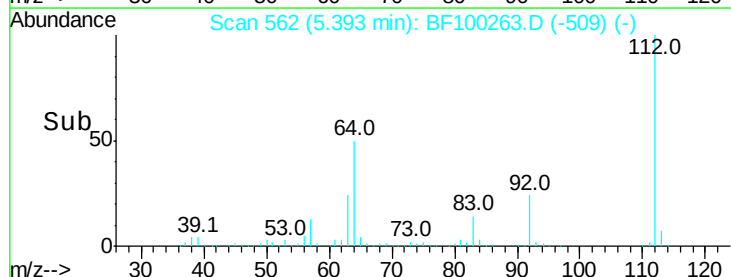
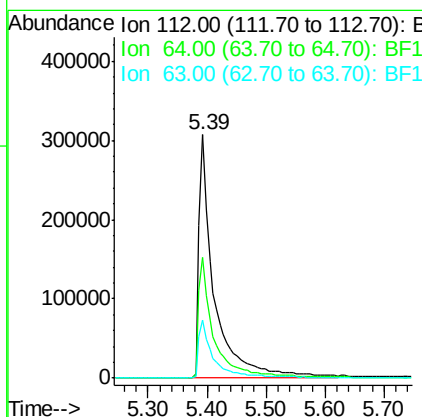
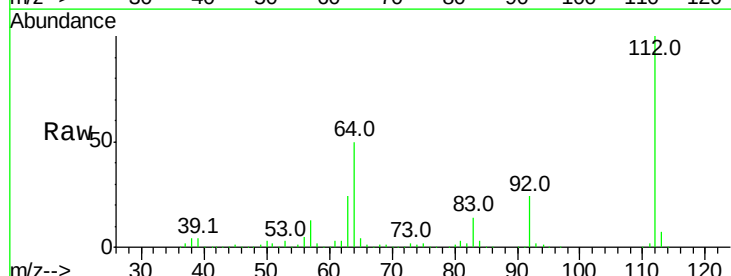
Tot Ion:152 Resp: 78961
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 55.5 50.1 75.1

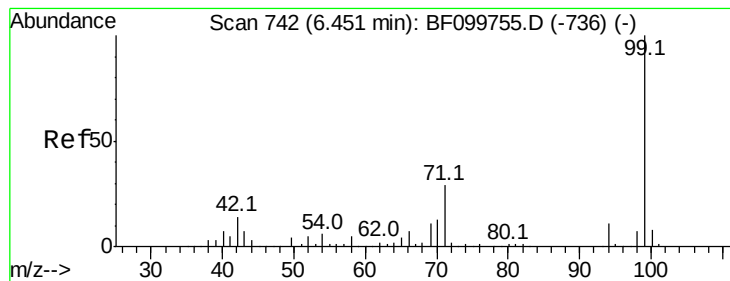


#5

2-Fluorophenol
 Concen: 110.065 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Tgt Ion:112 Resp: 553570
 Ion Ratio Lower Upper
 112 100
 64 49.5 47.9 71.9
 63 23.9 23.7 35.5





#7

Phenol-d6

Concen: 112.577 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

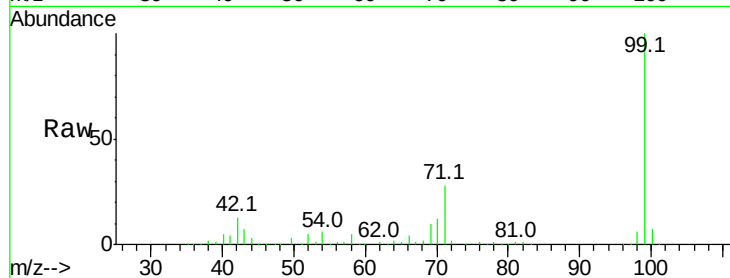
Tot Ion: 99 Resp: 671356

Ion Ratio Lower Upper

99 100

42 12.7 14.5 21.7#

71 27.9 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

600000

500000

400000

300000

200000

100000

0

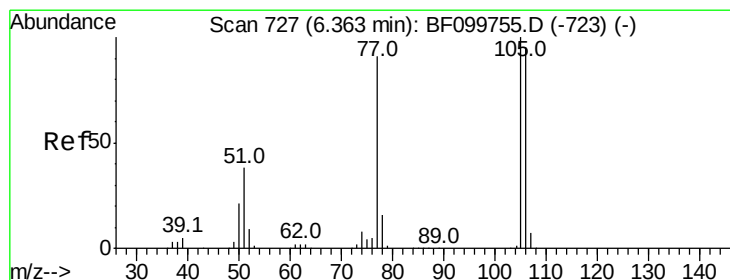
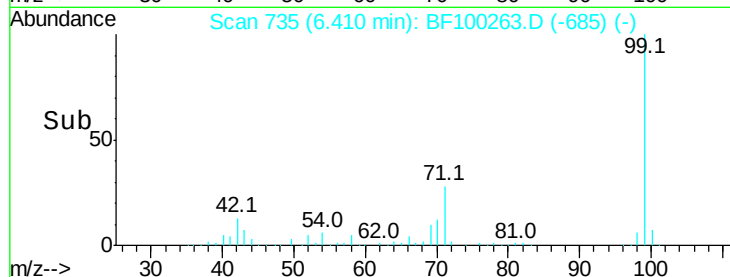
6.41

6.40

6.60

6.80

Time-->



#9

Benzaldehyde

Concen: 2.756 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

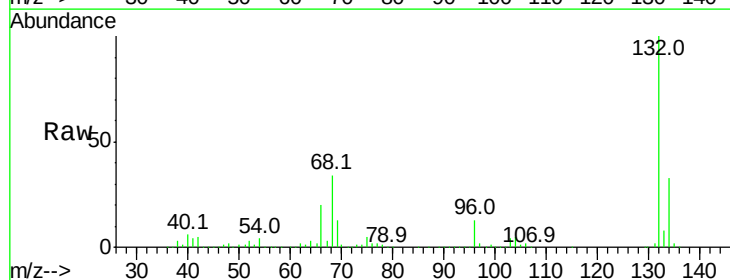
Tgt Ion: 77 Resp: 9823

Ion Ratio Lower Upper

77 100

105 93.6 81.1 121.1

106 98.9 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

12000

10000

8000

6000

4000

2000

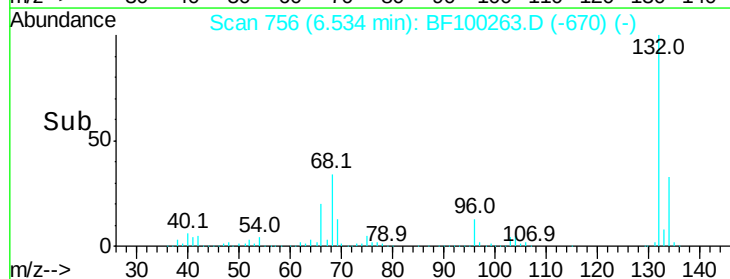
0

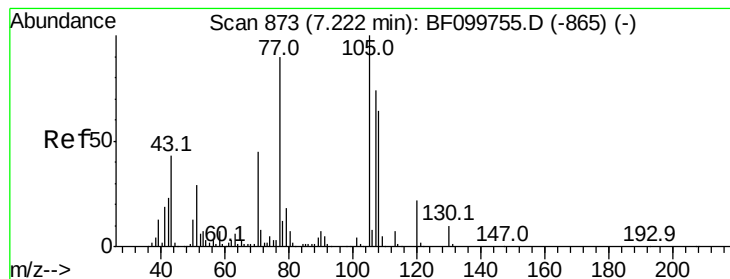
6.53

6.50

6.55

Time-->





#19

n-Nitroso-di-n-propylamine

Concen: 12.608 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 44062

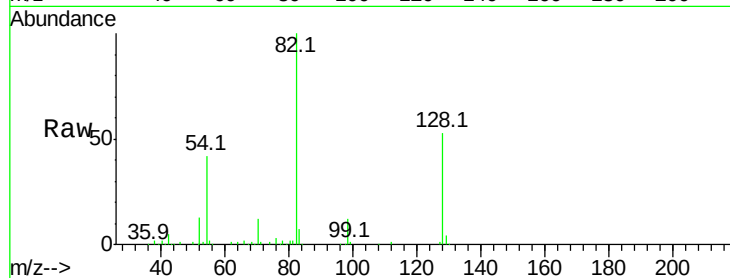
Ion Ratio Lower Upper

70 100

42 37.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

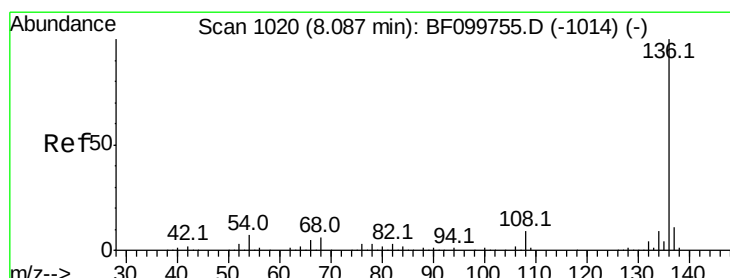
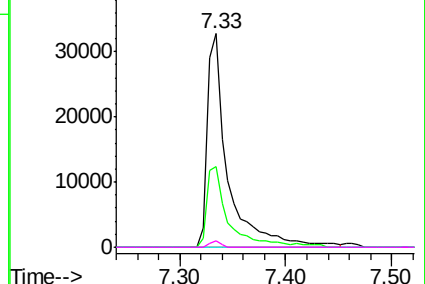
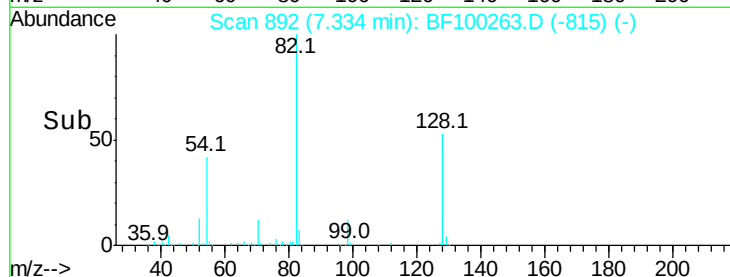


Abundance Ion 70.00 (69.70 to 70.70): BF1

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.01 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

Tgt Ion: 136 Resp: 331208

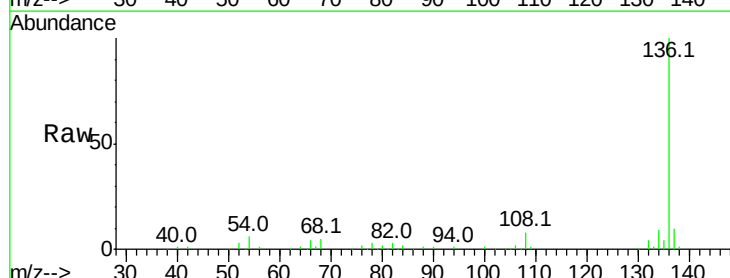
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 5.7 6.6 9.8#

68 5.4 5.0 7.4

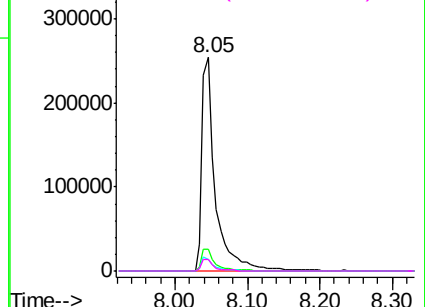
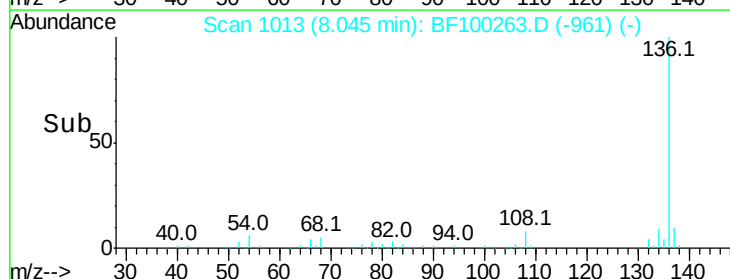


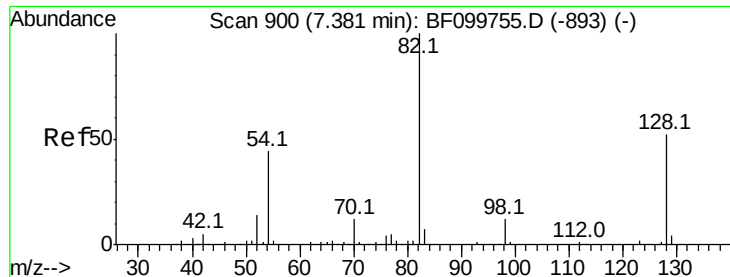
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

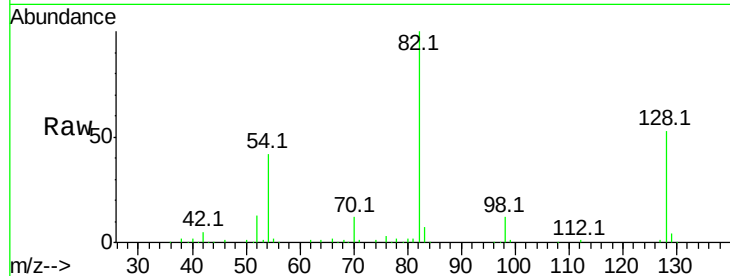




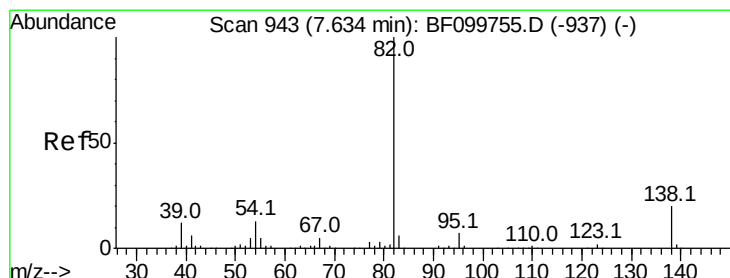
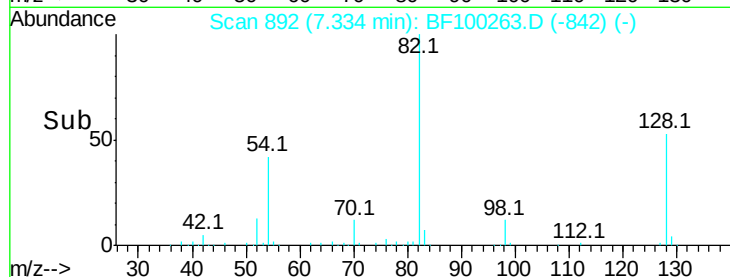
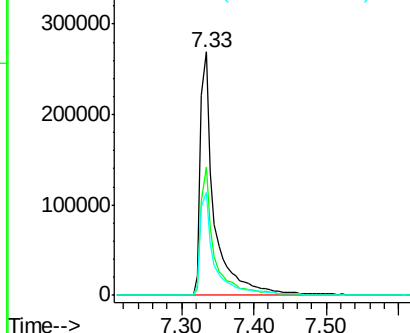
#23
Nitrobenzene-d5
Concen: 70.502 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 362702
Ion Ratio Lower Upper
82 100
128 52.7 36.1 54.1
54 42.1 41.4 62.2

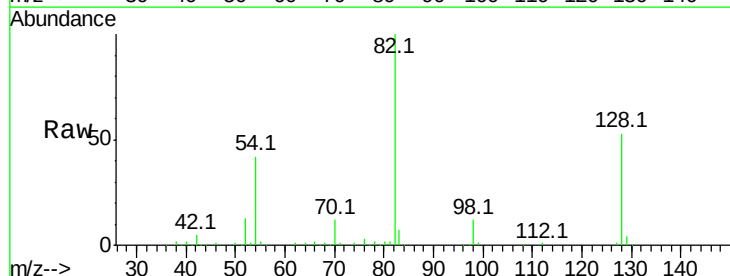


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

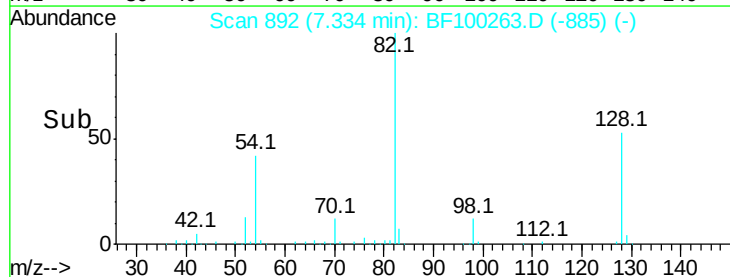
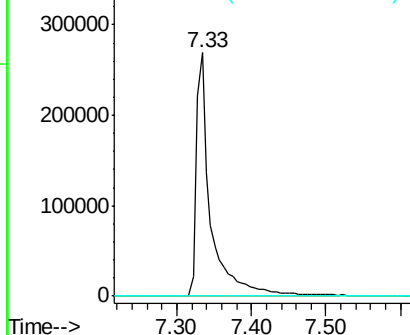


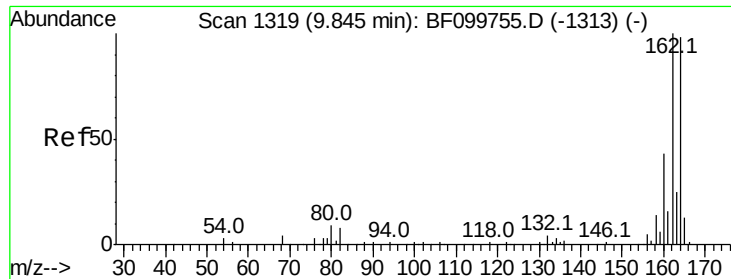
#25
Isophorone
Concen: 38.856 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion: 82 Resp: 362730
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): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

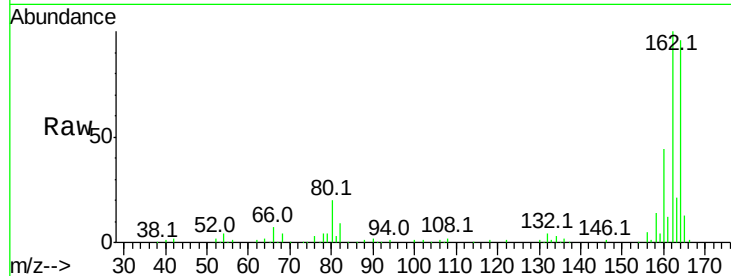




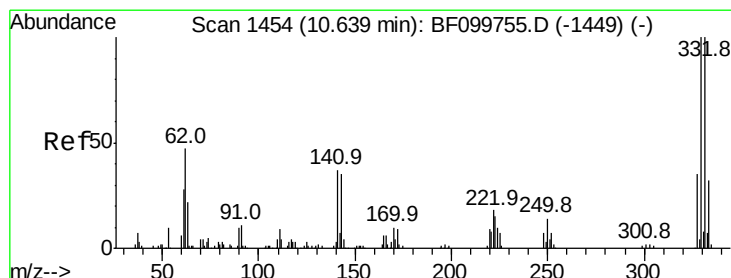
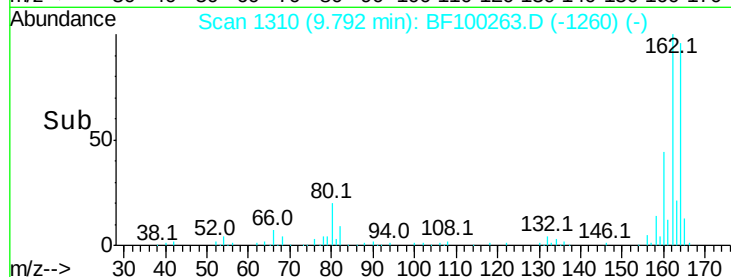
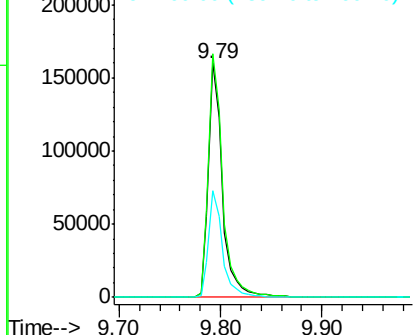
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 154977
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.5 38.3 57.5

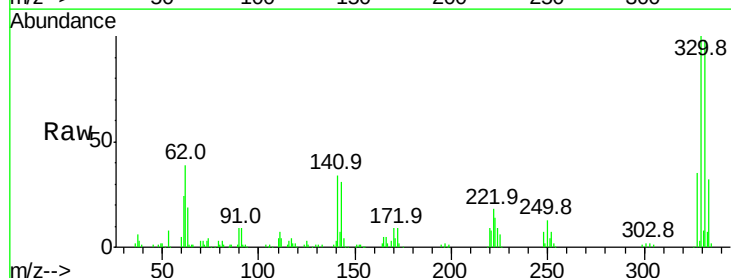


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

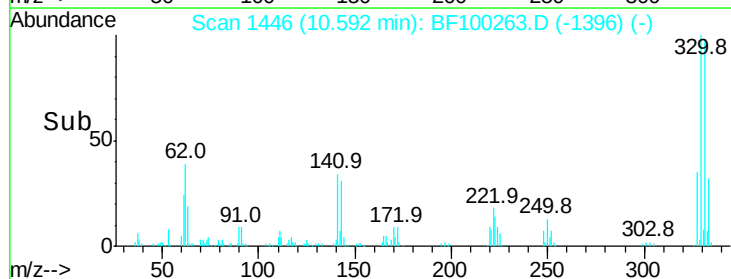
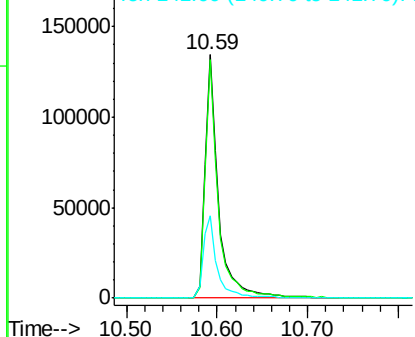


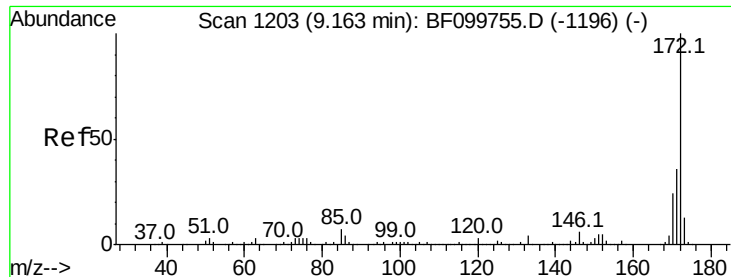
#41
2,4,6-Tribromophenol
Concen: 100.864 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100263.D
Acq: 6 Nov 2017 20:54

Tgt Ion:330 Resp: 142453
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 34.7 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

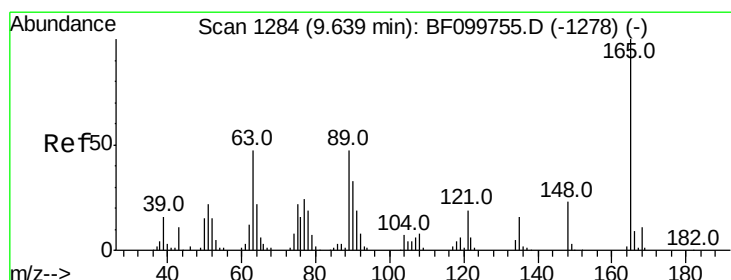
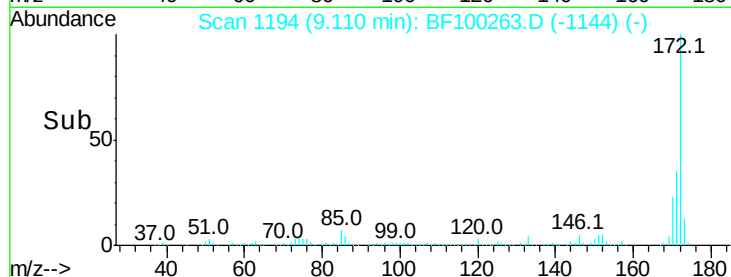
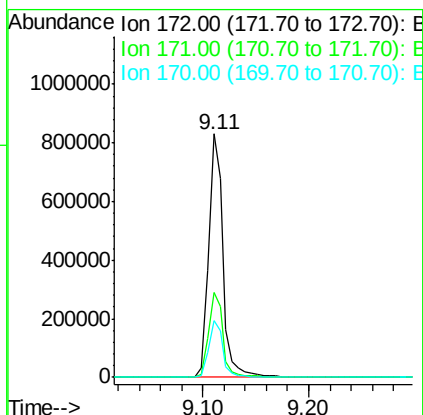
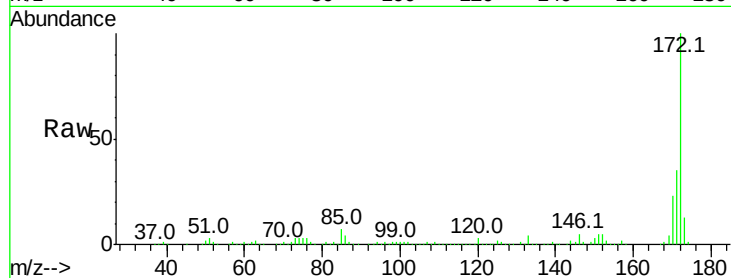




#44
 2-Fluorobiphenyl
 Concen: 78.449 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

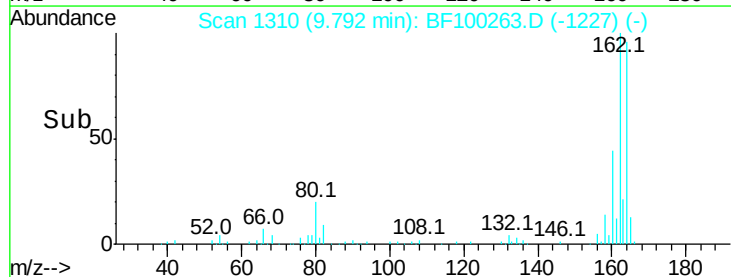
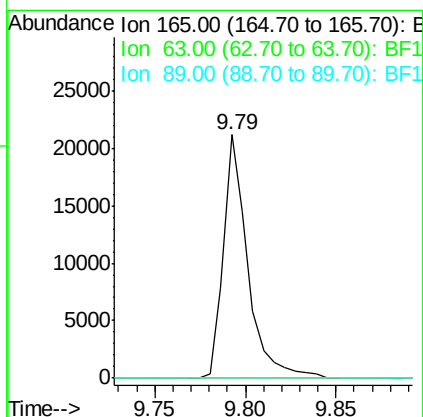
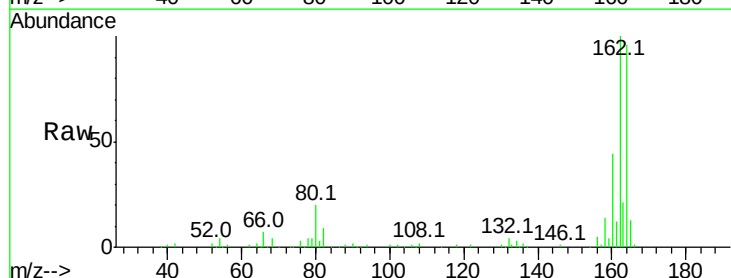
Instrument :
 BNA_F
 ClientSampleId :

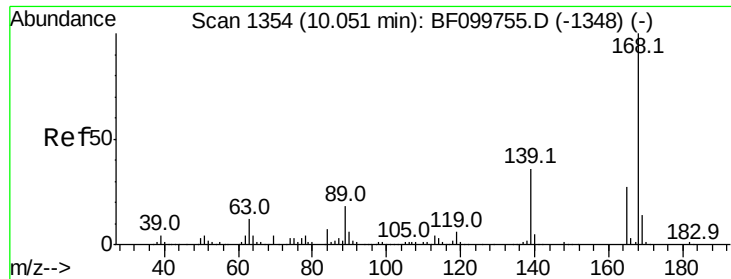
Tot Ion:172 Resp: 788015
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.3 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.641 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.19 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Tgt Ion:165 Resp: 19714
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

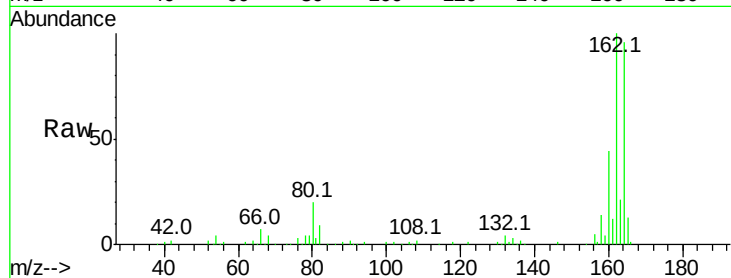




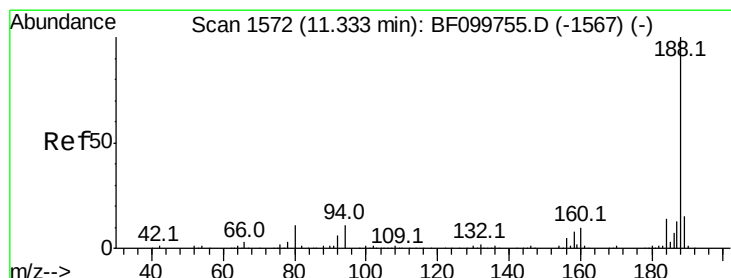
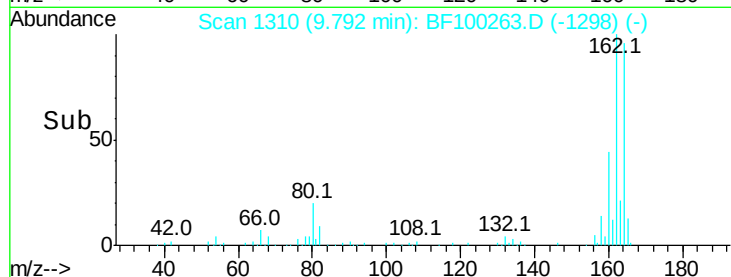
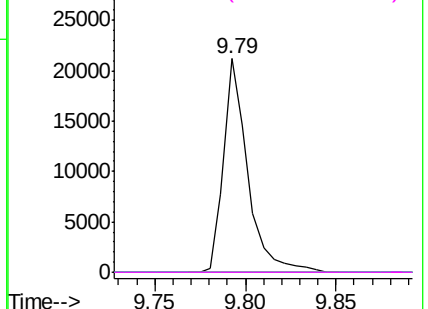
#56
 2,4-Dinitrotoluene
 Concen: 6.345 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 19714
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

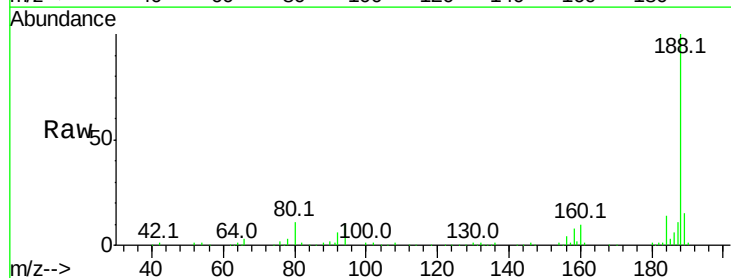


Abundance Ion 165.00 (164.70 to 165.70): E

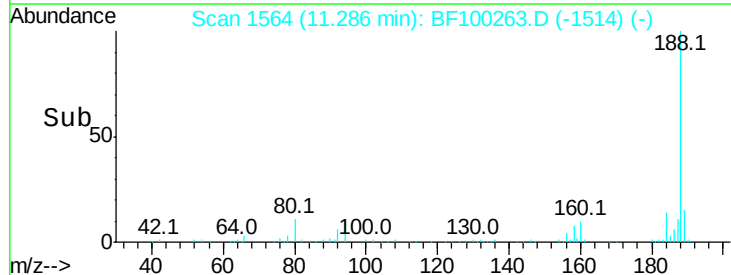
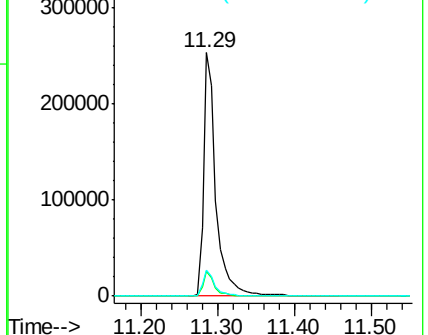


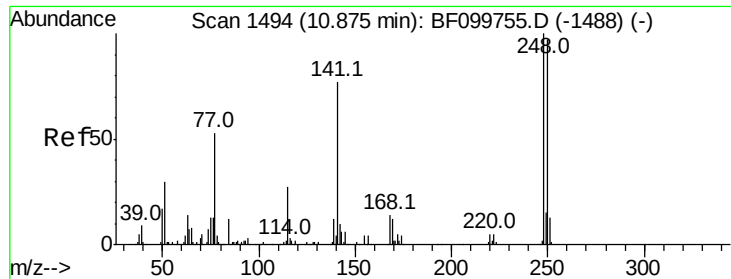
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Tgt Ion:188 Resp: 278117
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

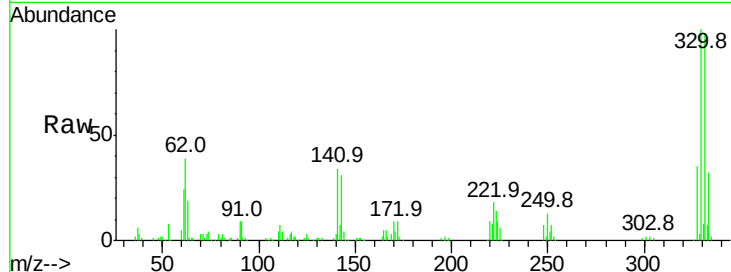




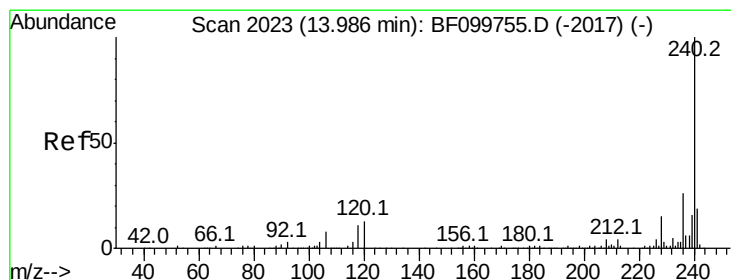
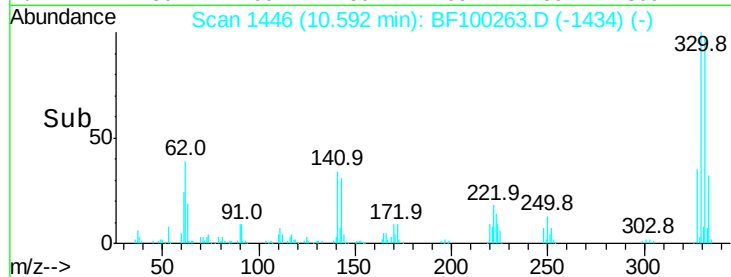
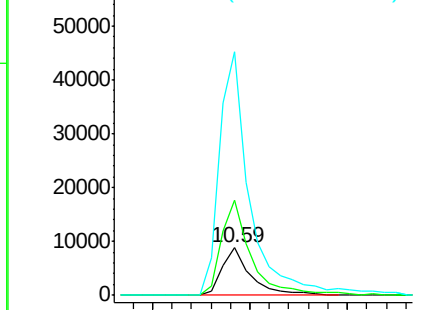
#66
 4-Bromophenyl-phenylether
 Concen: 3.061 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.23 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8962
 Ion Ratio Lower Upper
 248 100
 250 201.7 76.9 115.3#
 141 514.5 74.4 111.6#

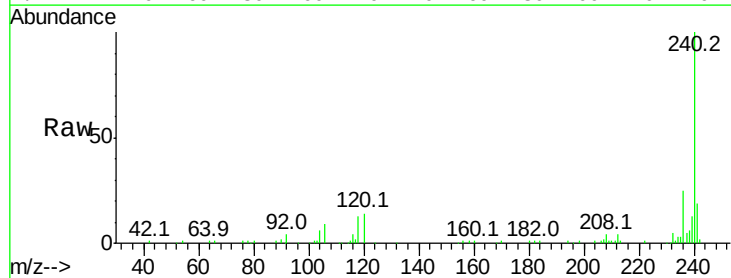


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

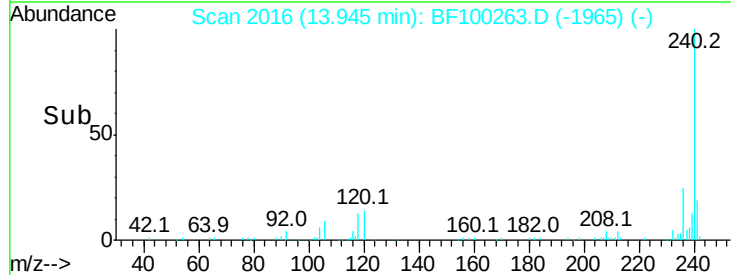
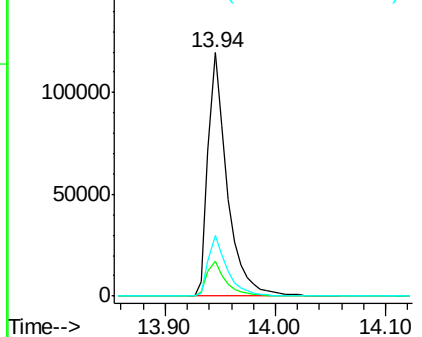


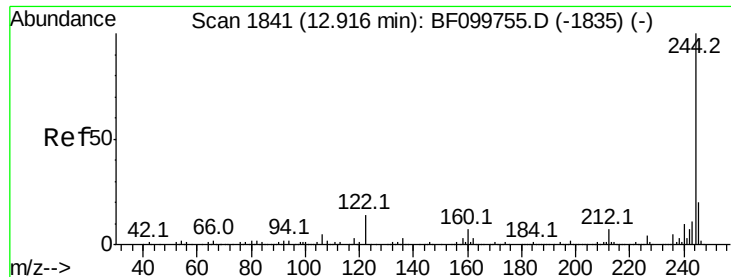
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100263.D
 Acq: 6 Nov 2017 20:54

Tgt Ion:240 Resp: 141378
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 25.0 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: 96.412 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

Instrument :

BNA_F

ClientSampleId :

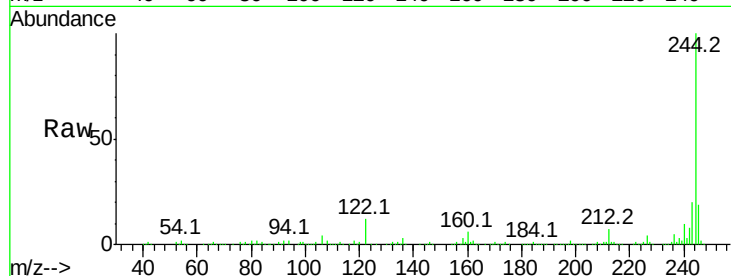
Tot Ion:244 Resp: 623717

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

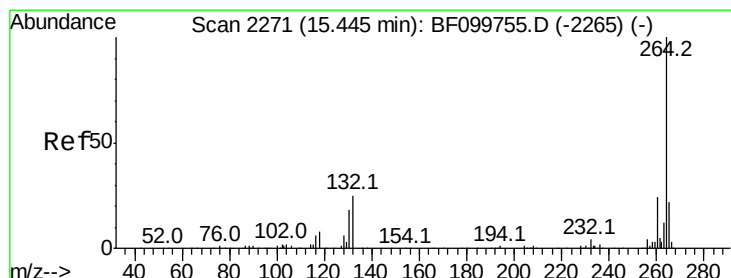
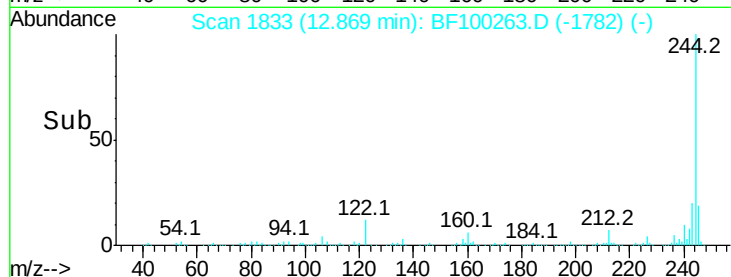
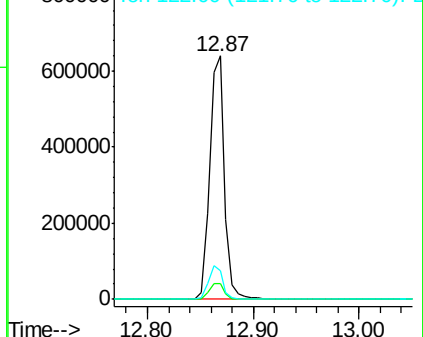
122 11.6 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF100263.D

Acq: 6 Nov 2017 20:54

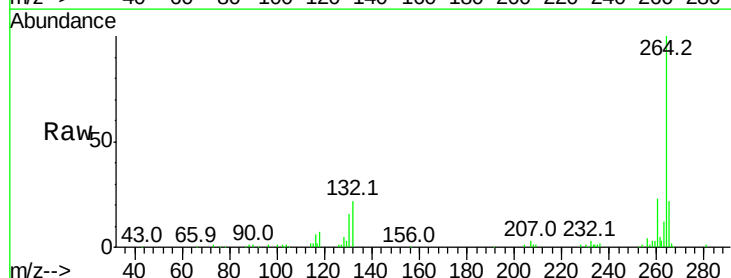
Tgt Ion:264 Resp: 140600

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 22.0 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

