

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100059.D
 Acq On : 1 Nov 2017 22:02
 Operator : SJ/JU
 Sample : I6233-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 01:40:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

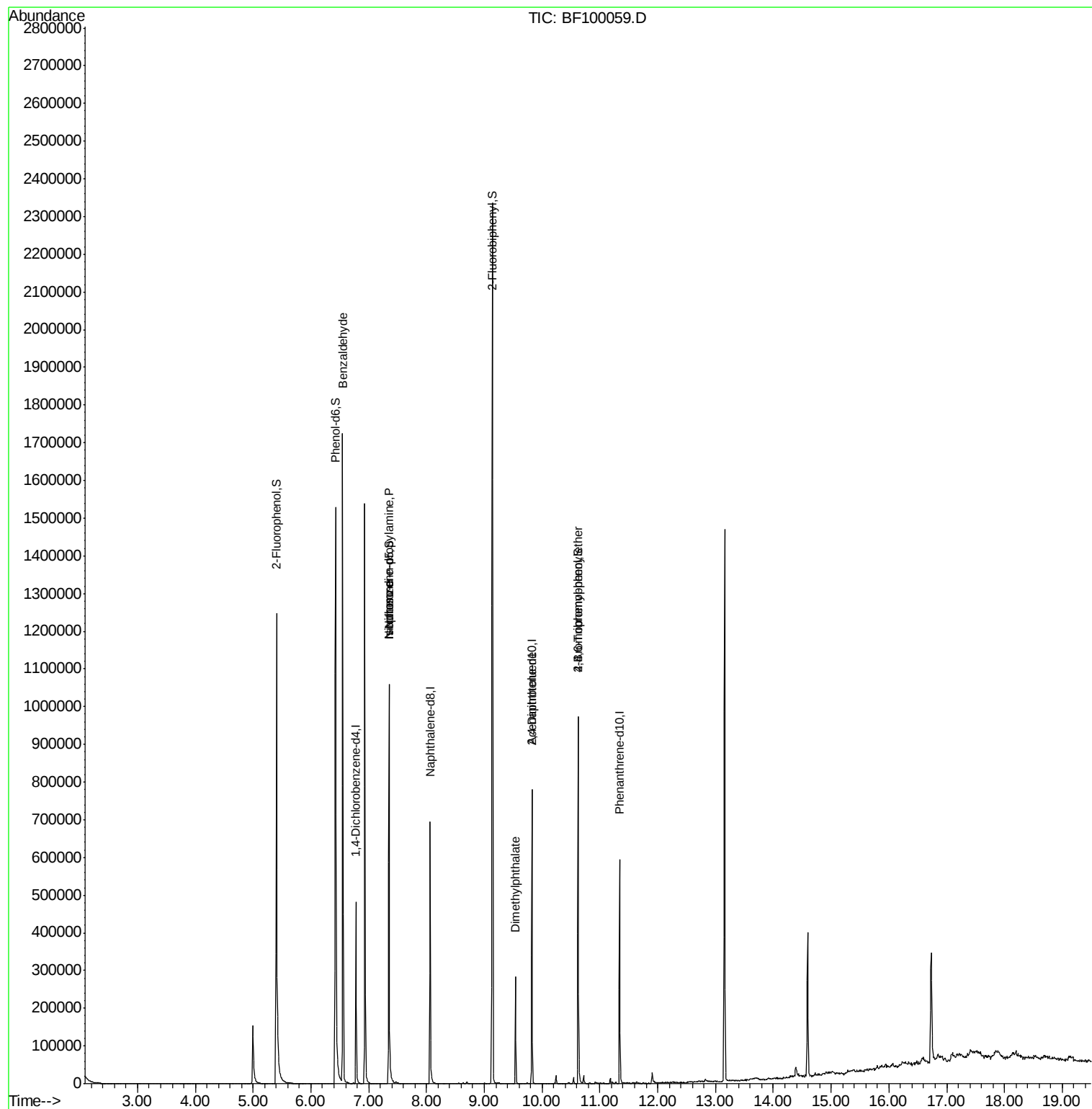
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	82285	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	327572	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	142250	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	221473	20.00	ng	0.03
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	527364	100.62	ng	0.01
7) Phenol-d6	6.43	99	642325	103.36	ng	0.00
23) Nitrobenzene-d5	7.35	82	356661	70.10	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	128864	99.41	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	739097	80.16	ng	0.00
78) Terphenyl-d14	13.16	244	539674	0.00	ng	0.26
Target Compounds						
9) Benzaldehyde	6.55	77	9241	2.488	ng	91
19) n-Nitroso-di-n-propylamine	7.35	70	43744	12.011	ng	# 69
25) Isophorone	7.35	82	356661	38.630	ng	# 64
49) Dimethylphthalate	9.54	163	117941	10.470	ng	99
56) 2,4-Dinitrotoluene	9.82	165	17812	6.246	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	8354	3.583	ng	# 1

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

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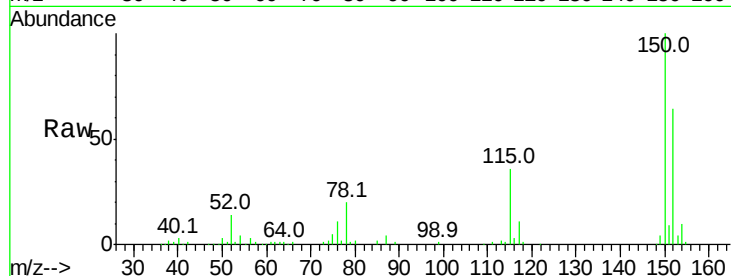


#1

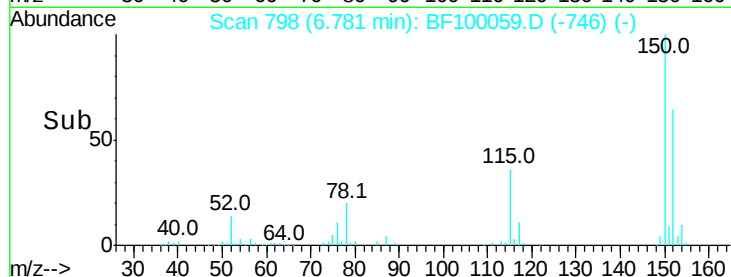
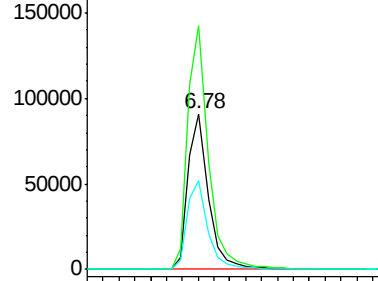
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100059.D
Acq: 1 Nov 2017 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82285
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 56.7 50.1 75.1



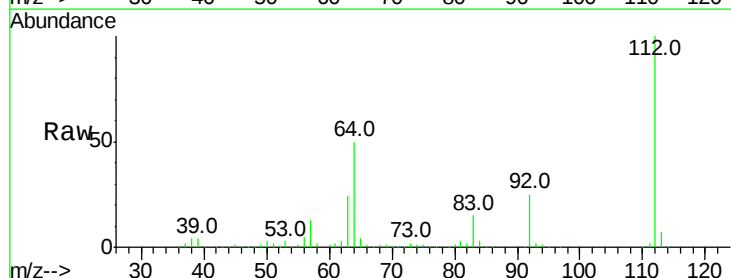
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



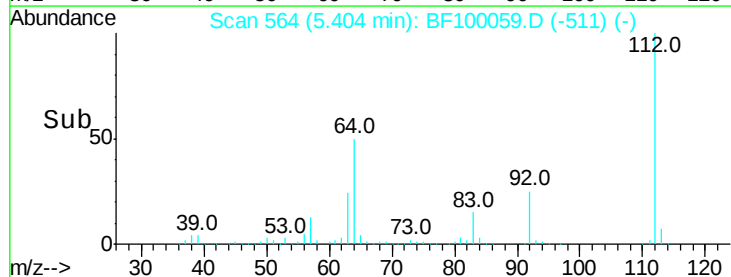
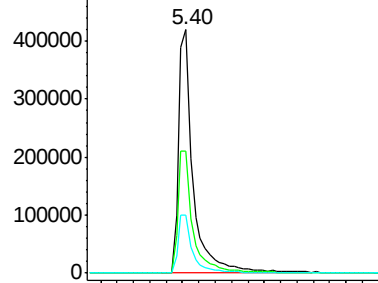
#5

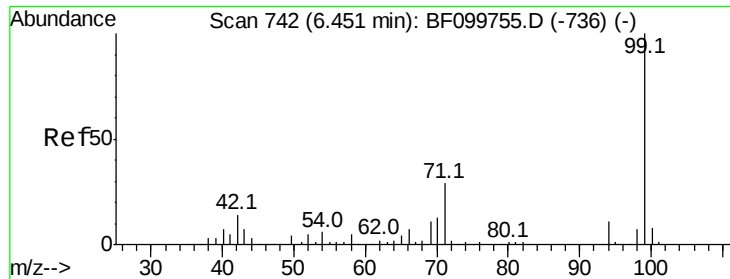
2-Fluorophenol
Concen: 100.619 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100059.D
Acq: 1 Nov 2017 22:02

Tgt Ion:112 Resp: 527364
Ion Ratio Lower Upper
112 100
64 49.9 47.9 71.9
63 23.7 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: 103.358 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF100059.D

Acq: 1 Nov 2017 22:02

Instrument :

BNA_F

ClientSampleId :

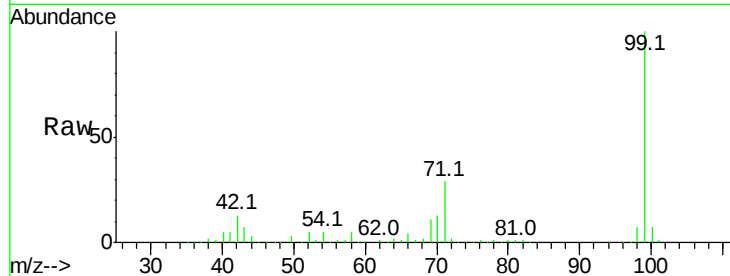
Tot Ion: 99 Resp: 642325

Ion Ratio Lower Upper

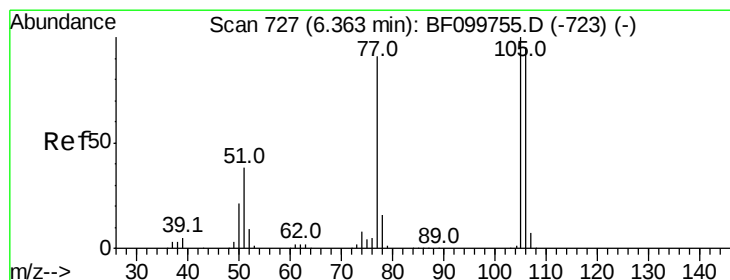
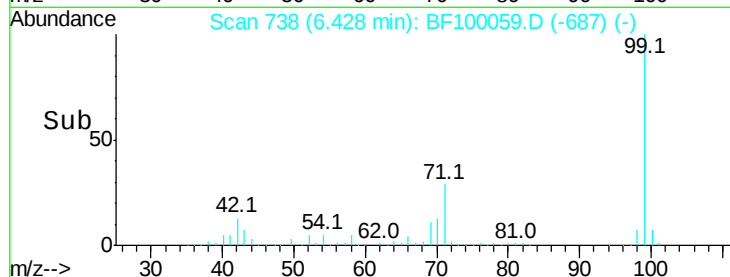
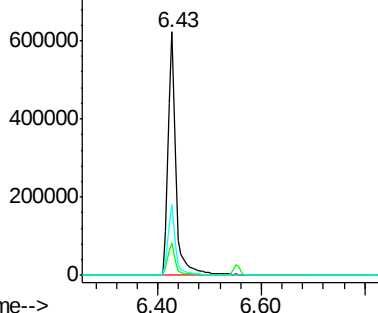
99 100

42 13.3 14.5 21.7#

71 29.3 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: 2.488 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.21 min

Lab File: BF100059.D

Acq: 1 Nov 2017 22:02

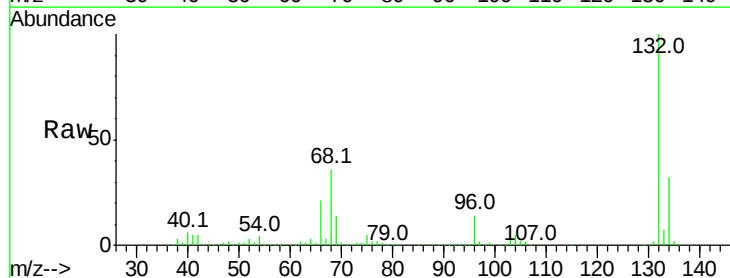
Tgt Ion: 77 Resp: 9241

Ion Ratio Lower Upper

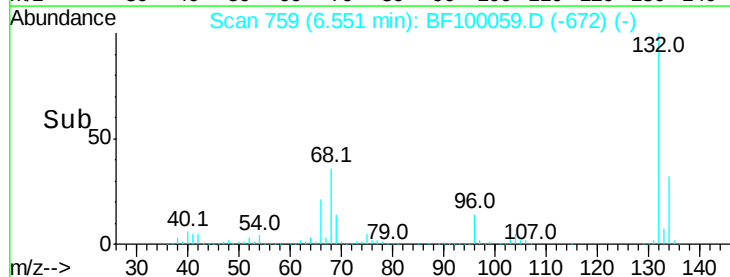
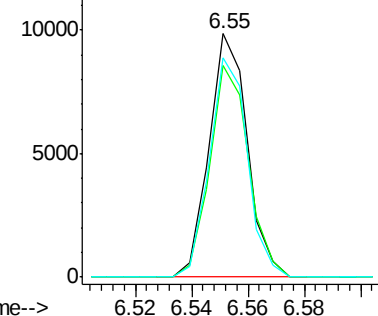
77 100

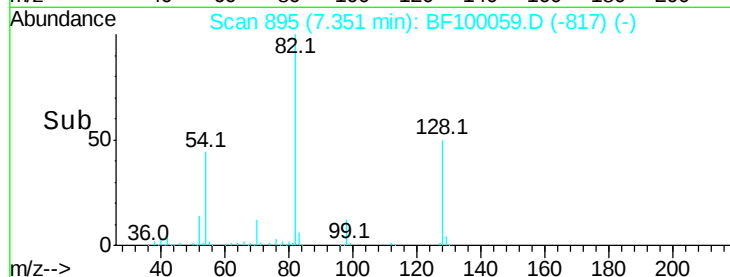
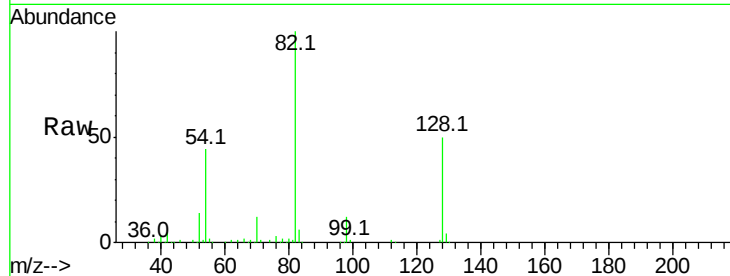
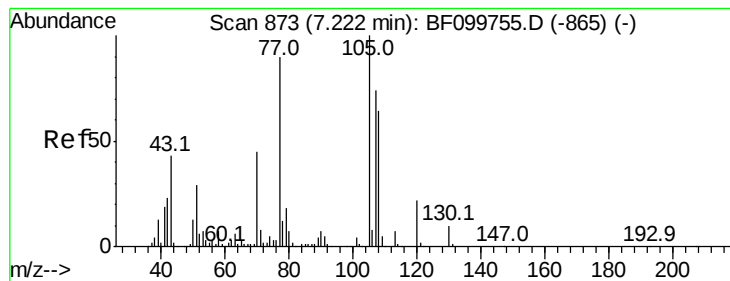
105 87.1 81.1 121.1

106 90.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
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: 12.011 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100059.D

Acq: 1 Nov 2017 22:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 43744

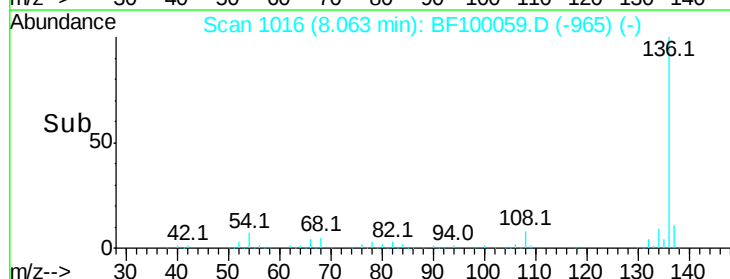
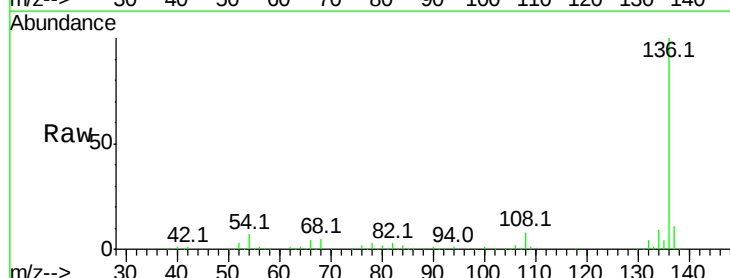
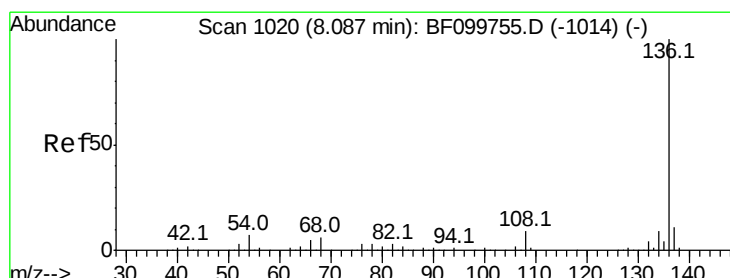
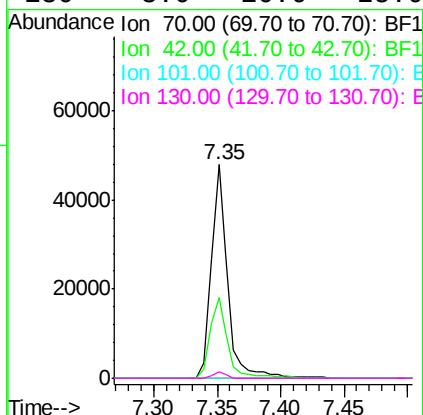
Ion Ratio Lower Upper

70 100

42 37.8 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF100059.D

Acq: 1 Nov 2017 22:02

Tgt Ion: 136 Resp: 327572

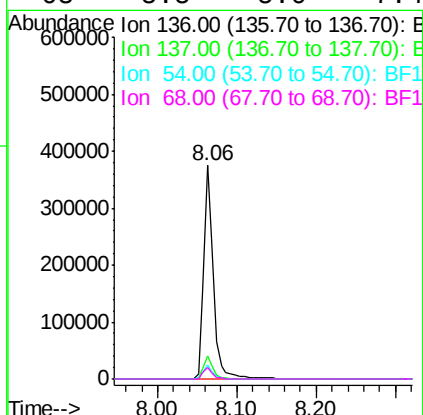
Ion Ratio Lower Upper

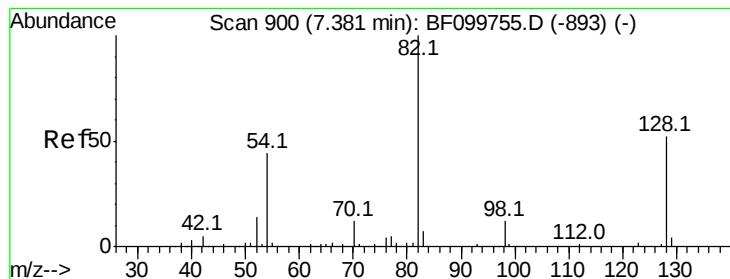
136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 70.098 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF100059.D

Acq: 1 Nov 2017 22:02

Instrument :

BNA_F

ClientSampleId :

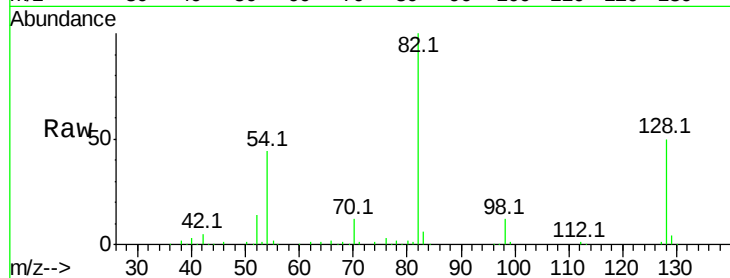
Tot Ion: 82 Resp: 356661

Ion Ratio Lower Upper

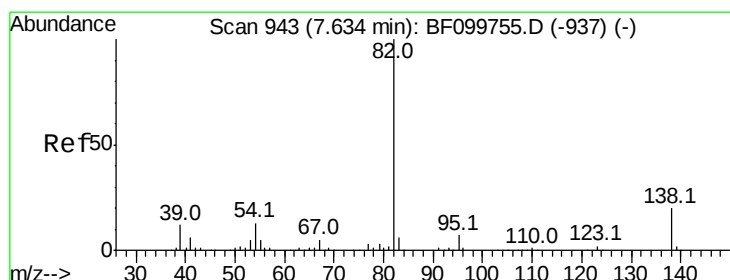
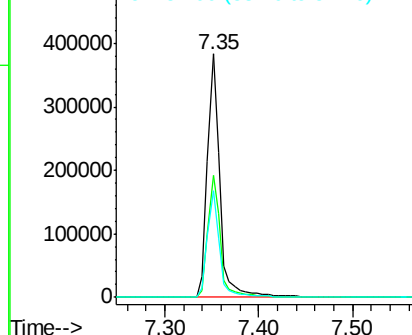
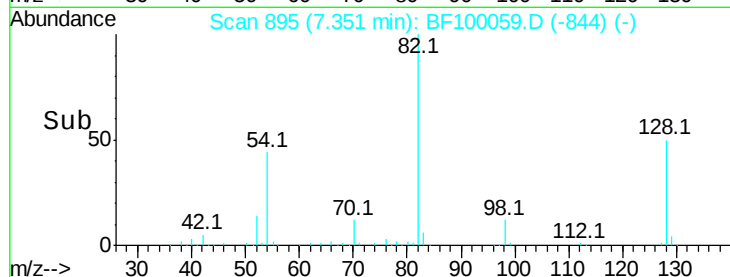
82 100

128 50.1 36.1 54.1

54 43.7 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: 38.630 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100059.D

Acq: 1 Nov 2017 22:02

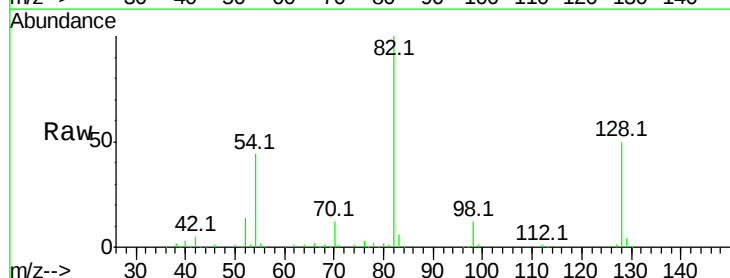
Tgt Ion: 82 Resp: 356661

Ion Ratio Lower Upper

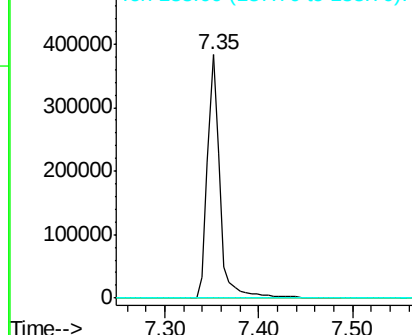
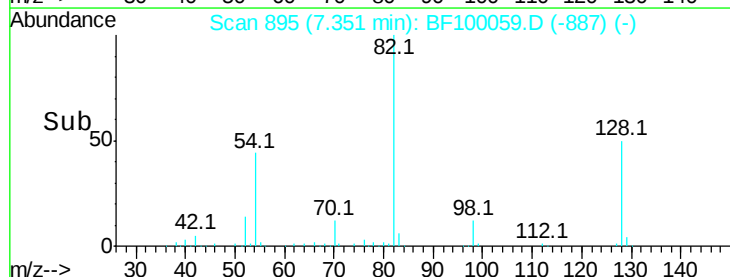
82 100

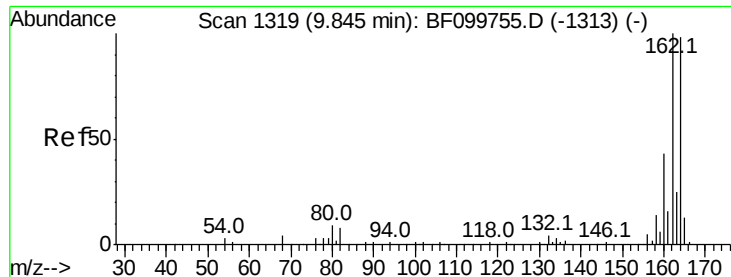
95 0.0 5.2 7.8#

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

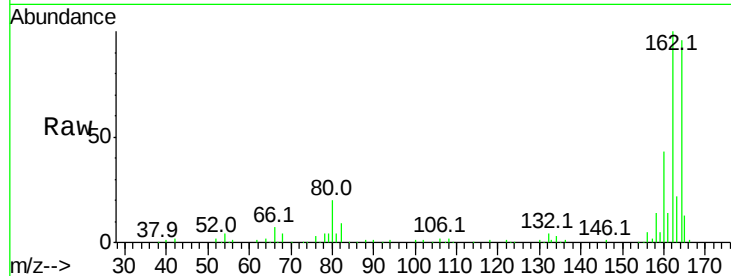




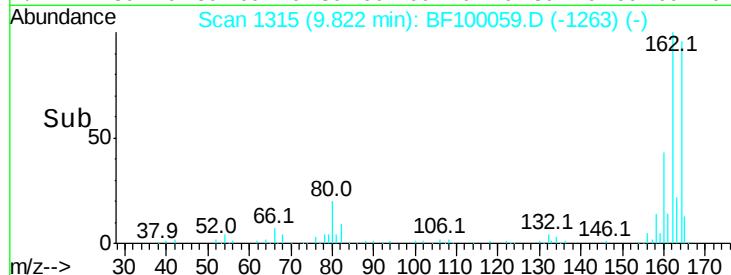
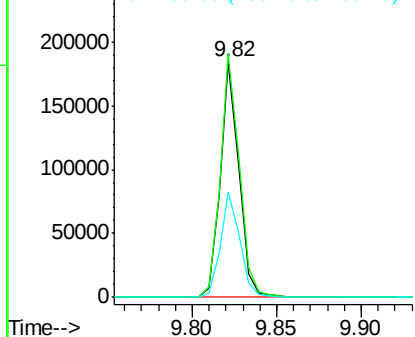
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100059.D
Acq: 1 Nov 2017 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 142250
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 44.8 38.3 57.5

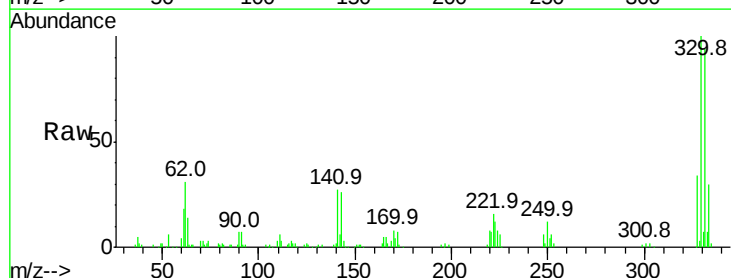


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

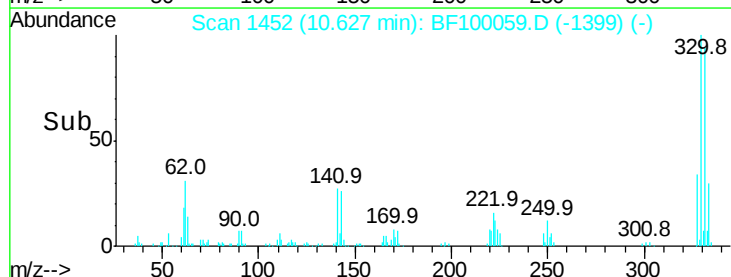
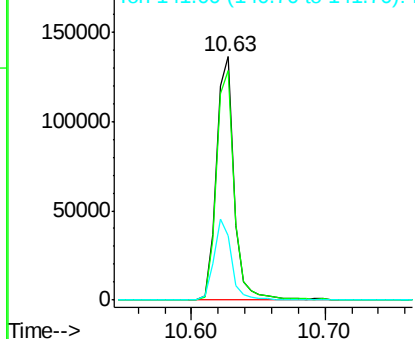


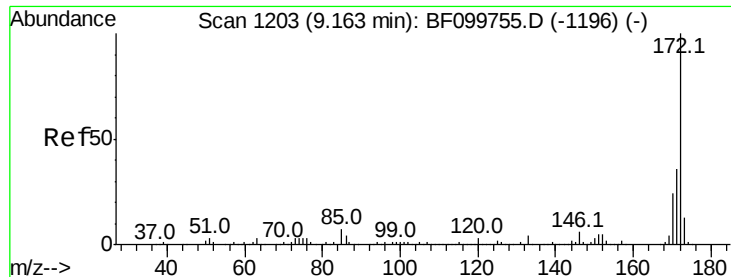
#41
2,4,6-Tribromophenol
Concen: 99.405 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF100059.D
Acq: 1 Nov 2017 22:02

Tgt Ion:330 Resp: 128864
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 33.1 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

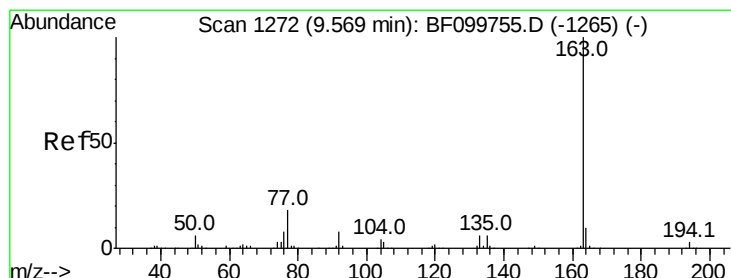
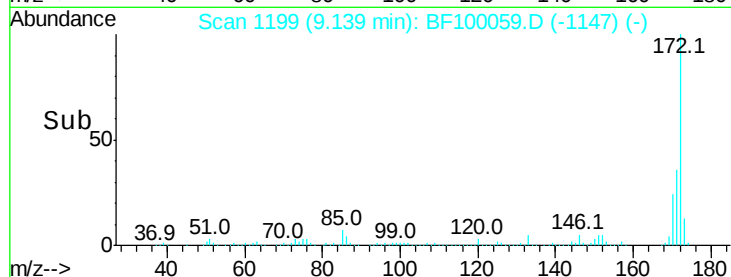
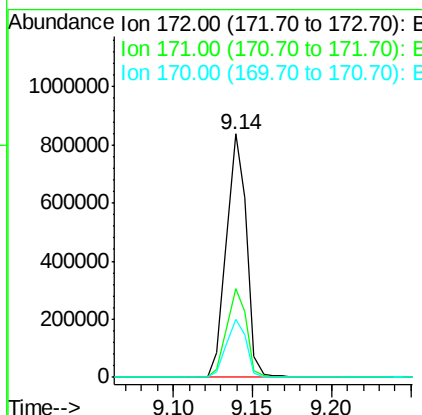
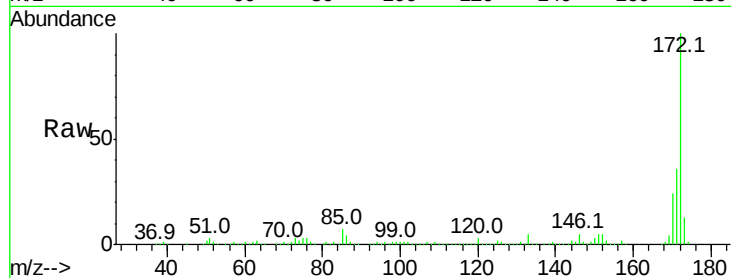




#44
 2-Fluorobiphenyl
 Concen: 80.162 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100059.D
 Acq: 1 Nov 2017 22:02

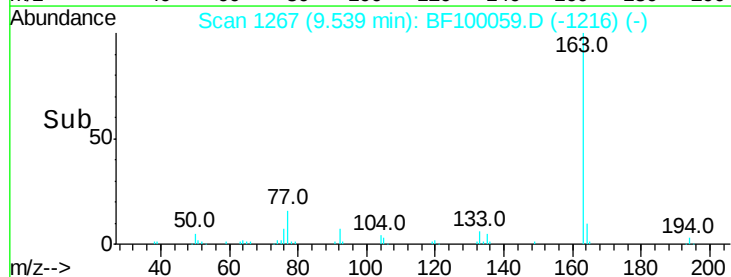
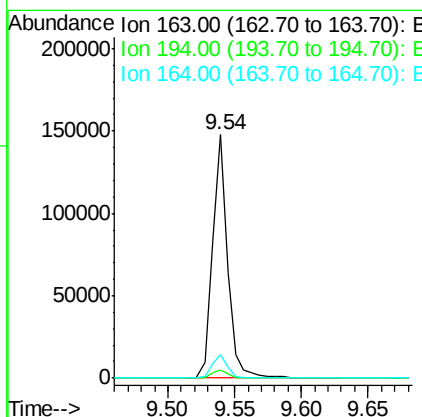
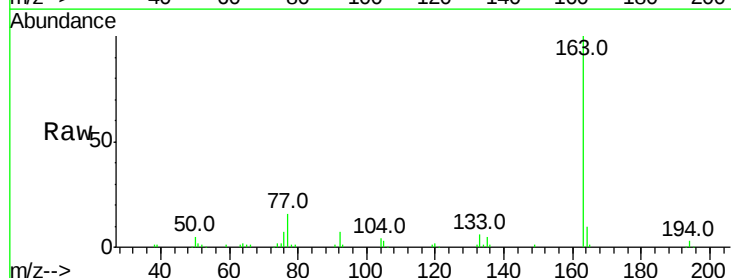
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4



#49
 Dimethylphthalate
 Concen: 10.470 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF100059.D
 Acq: 1 Nov 2017 22:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.8	8.2	12.2

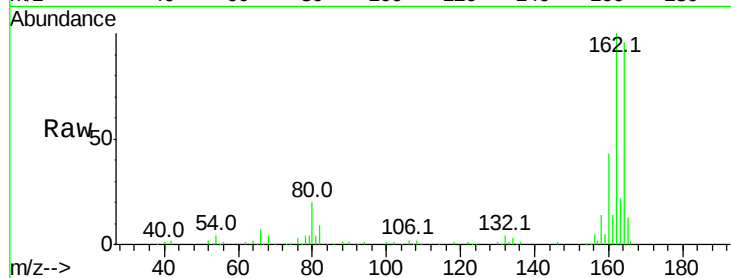




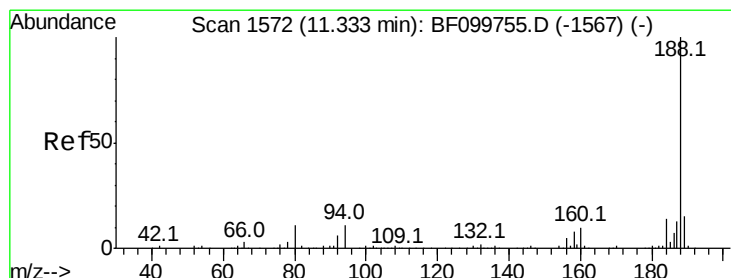
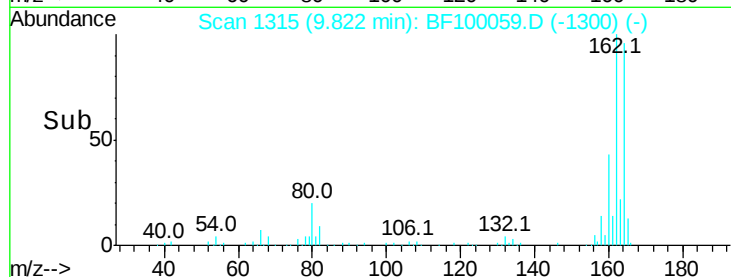
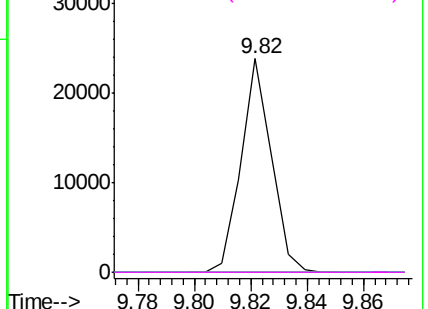
#56
2,4-Dinitrotoluene
Concen: 6.246 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.21 min
Lab File: BF100059.D
Acq: 1 Nov 2017 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 17812
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#

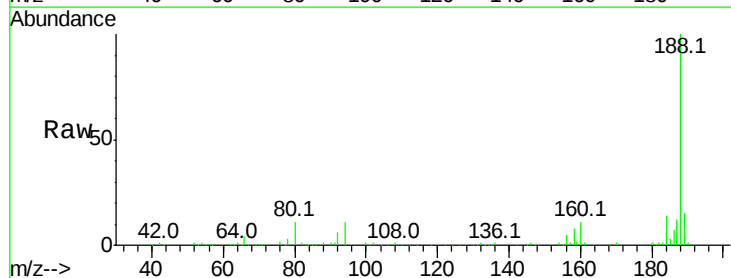


Abundance Ion 165.00 (164.70 to 165.70): E

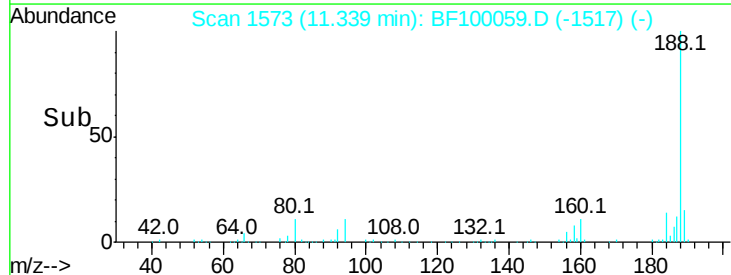
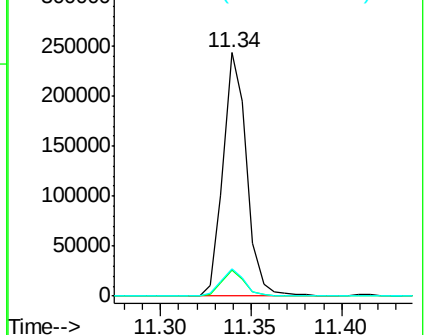


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.03 min
Lab File: BF100059.D
Acq: 1 Nov 2017 22:02

Tgt Ion:188 Resp: 221473
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

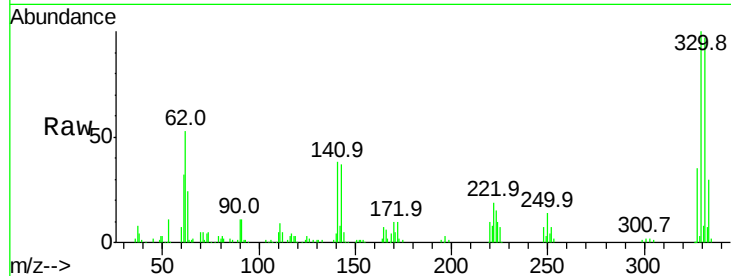




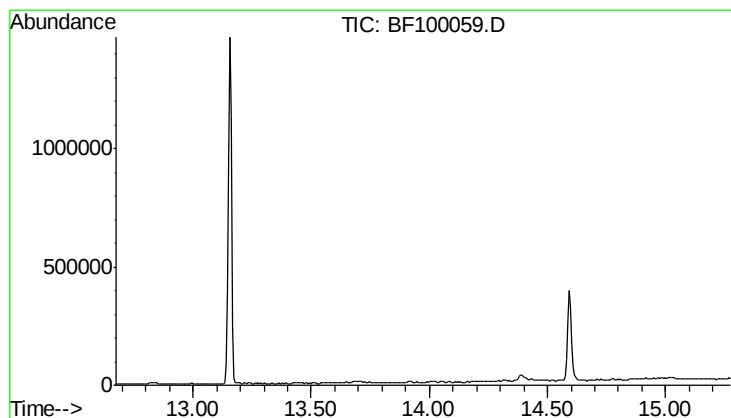
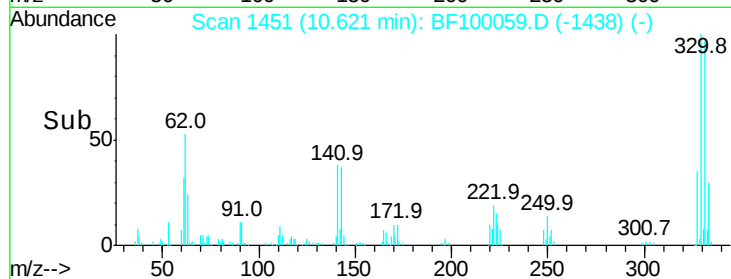
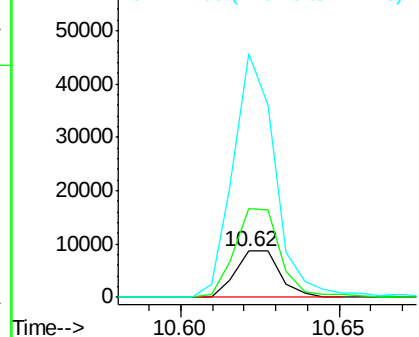
#66
 4-Bromophenyl-phenylether
 Concen: 3.583 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.22 min
 Lab File: BF100059.D
 Acq: 1 Nov 2017 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8354
 Ion Ratio Lower Upper
 248 100
 250 190.7 76.9 115.3#
 141 524.4 74.4 111.6#



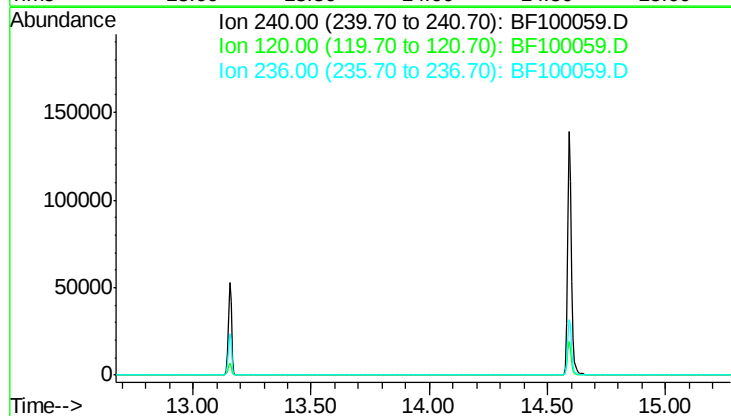
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

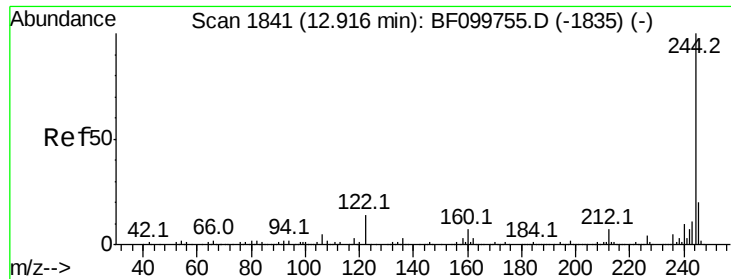


#75
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 13.97 min

Lab File: BF100059.D
 Acq: 1 Nov 2017 22:02

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.9
 236 25.9





#78

Terphenyl-d14

Concen: 0.000 ng

RT: 13.16 min Scan# 1882

Delta R.T. 0.26 min

Lab File: BF100059.D

Acq: 1 Nov 2017 22:02

Instrument :

BNA_F

ClientSampleId :

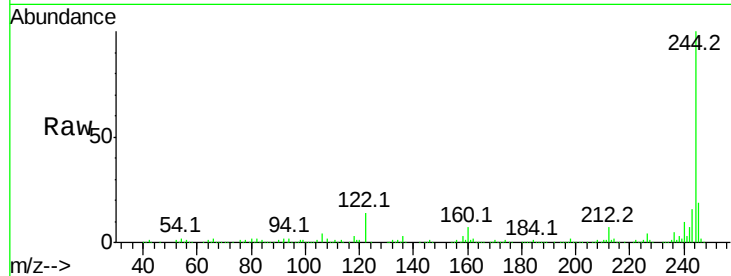
Tot Ion:244 Resp: 539674

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

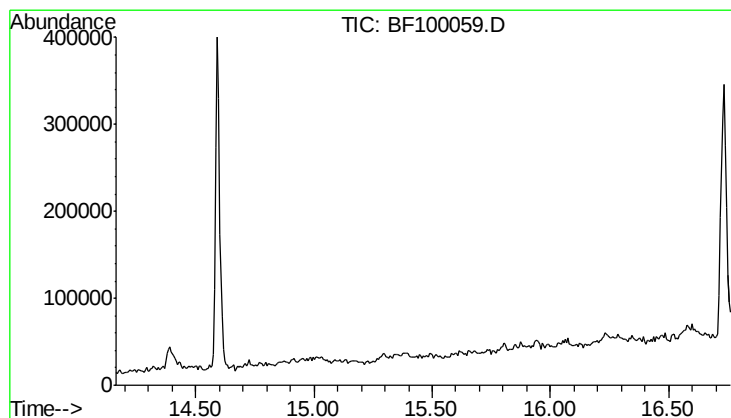
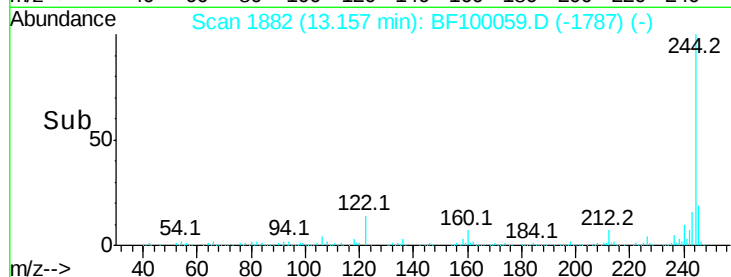
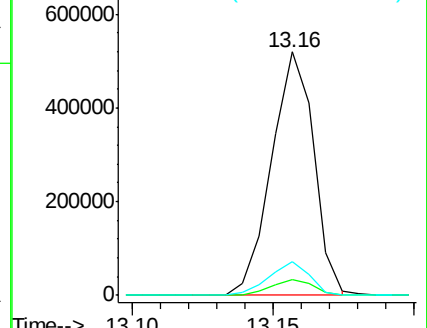
122 13.9 11.0 16.4



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: 0.000 ng

Expected RT: 15.46 min

Lab File: BF100059.D

Acq: 1 Nov 2017 22:02

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.9

