

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100063.D
 Acq On : 1 Nov 2017 23:43
 Operator : SJ/JU
 Sample : I6216-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 01:41:30 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

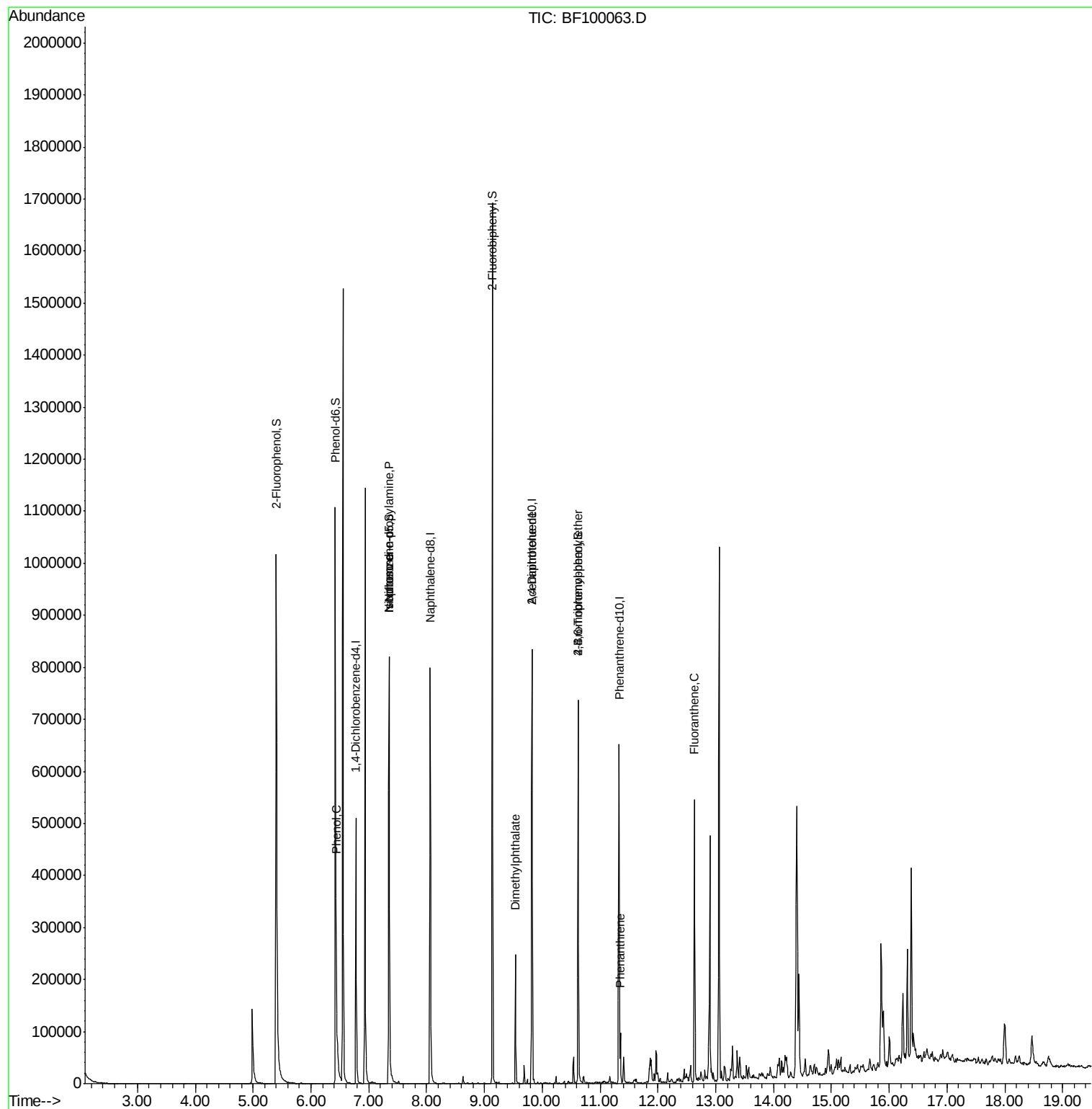
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	94810	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	376522	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	159154	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	242820	20.00	ng	0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	421379	69.78	ng	0.00
7) Phenol-d6	6.42	99	512454	71.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	278132	47.56	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	97875	67.48	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	529751	51.35	ng	0.00
78) Terphenyl-d14	13.06	244	361798	0.00	ng	0.16
Target Compounds						
10) Phenol	6.44	94	20311	2.583	ng	81
19) n-Nitroso-di-n-propylamine	7.35	70	34056	8.116	ng	# 73
25) Isophorone	7.35	82	278132	26.208	ng	# 64
49) Dimethylphthalate	9.54	163	112058	8.891	ng	99
56) 2,4-Dinitrotoluene	9.82	165	19962	6.256	ng	# 22
66) 4-Bromophenyl-phenylether	10.62	248	6398	2.503	ng	# 1
70) Phenanthrene	11.35	178	38378	2.801	ng	97
74) Fluoranthene	12.63	202	218872	15.369	ng	98

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

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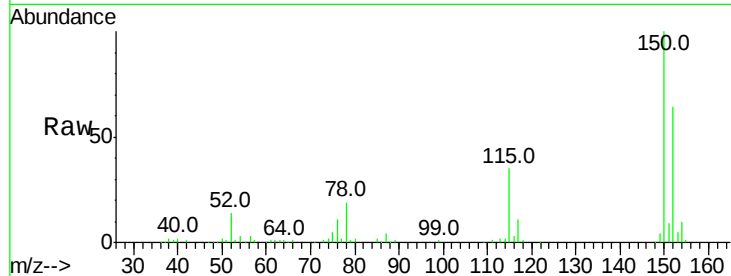


#1

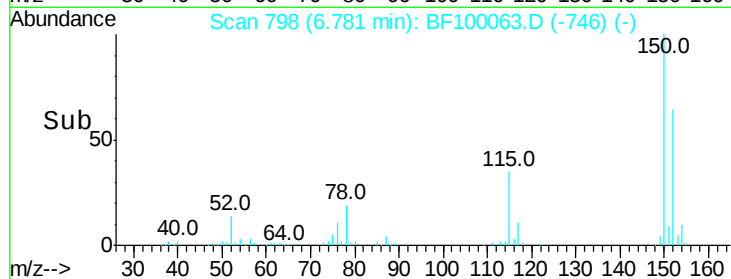
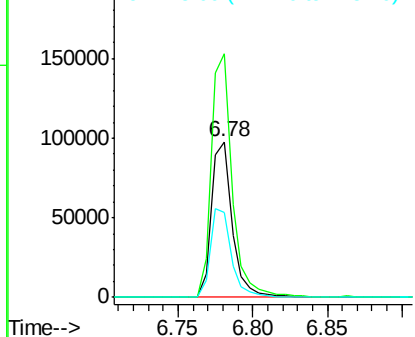
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94810
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 54.7 50.1 75.1



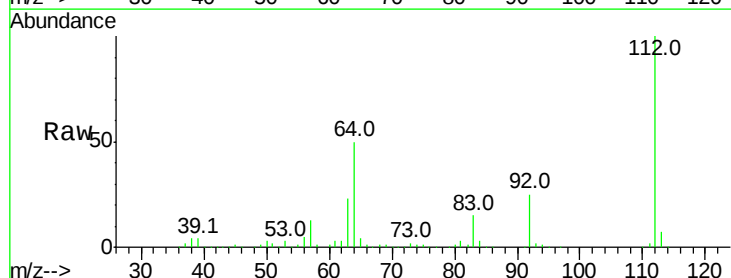
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



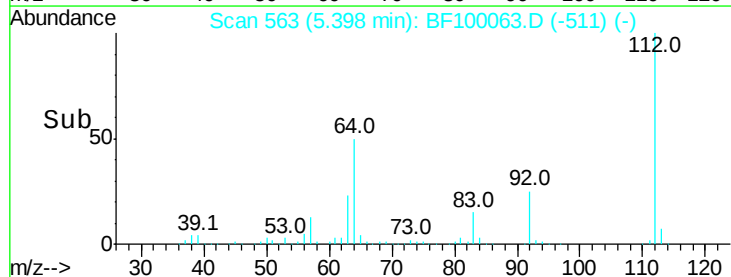
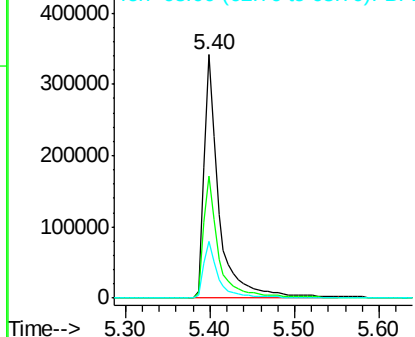
#5

2-Fluorophenol
Concen: 69.776 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Tgt Ion:112 Resp: 421379
Ion Ratio Lower Upper
112 100
64 49.9 47.9 71.9
63 23.3 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: 71.566 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Instrument :

BNA_F

ClientSampled :

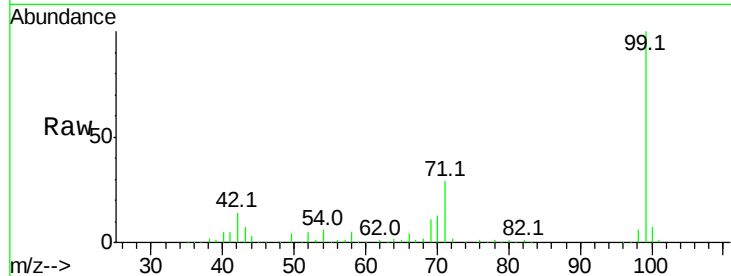
Tot Ion: 99 Resp: 512454

Ion Ratio Lower Upper

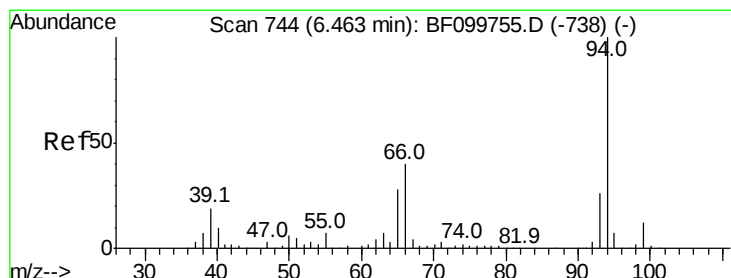
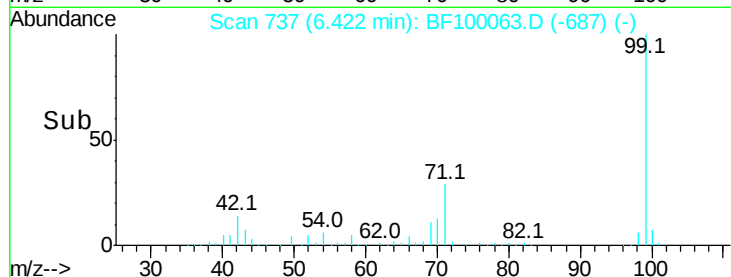
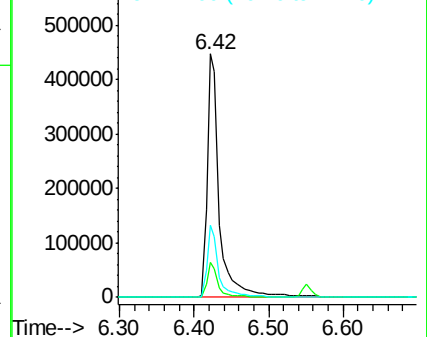
99 100

42 14.2 14.5 21.7#

71 29.4 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



#10

Phenol

Concen: 2.583 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

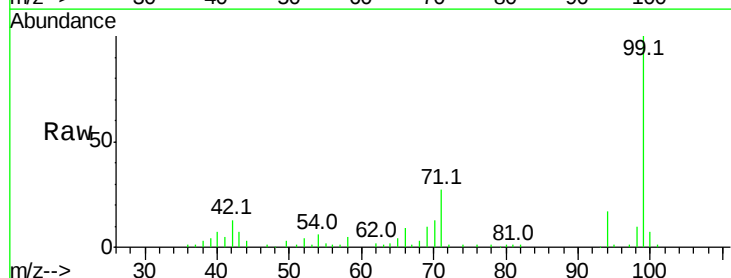
Tgt Ion: 94 Resp: 20311

Ion Ratio Lower Upper

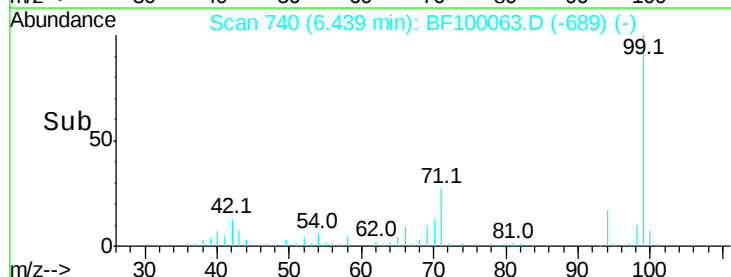
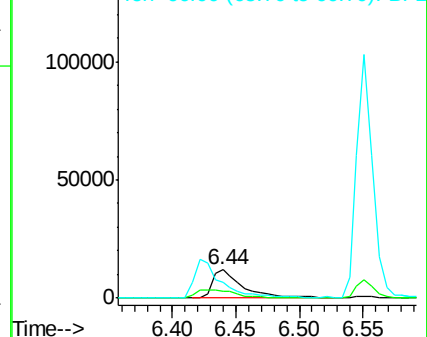
94 100

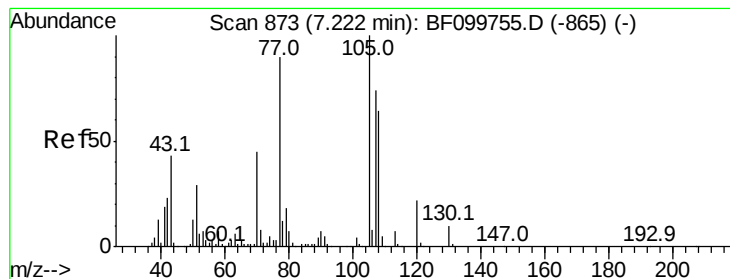
65 25.5 7.9 47.9

66 53.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 8.116 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 34056

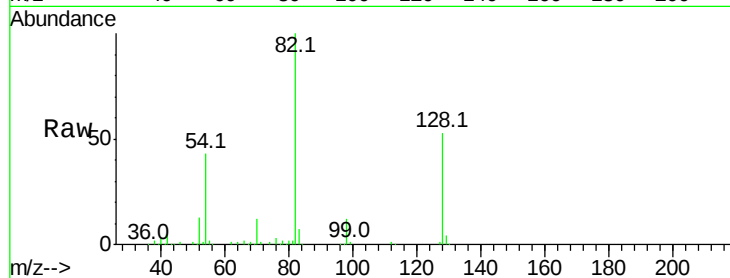
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

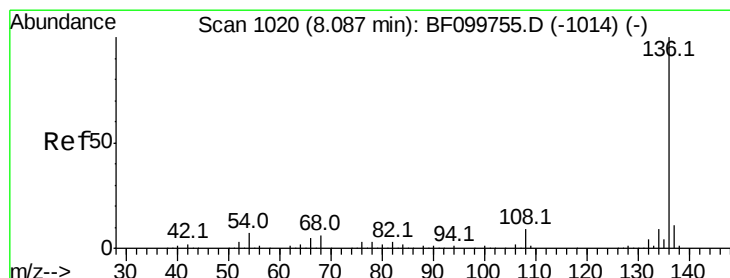
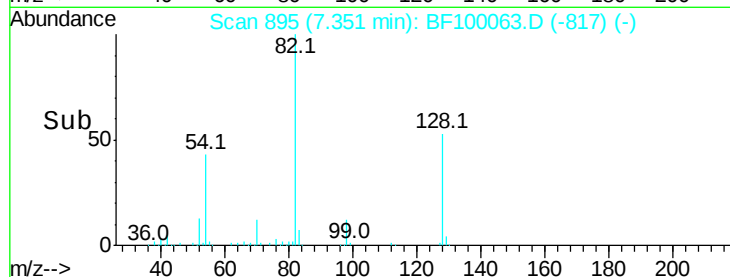
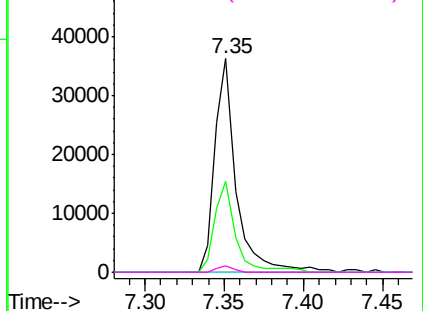


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Tgt Ion:136 Resp: 376522

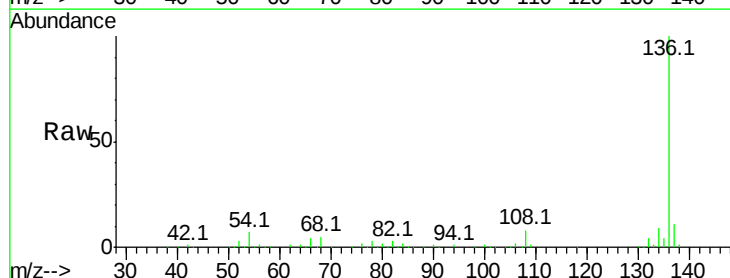
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.5 6.6 9.8#

68 5.4 5.0 7.4

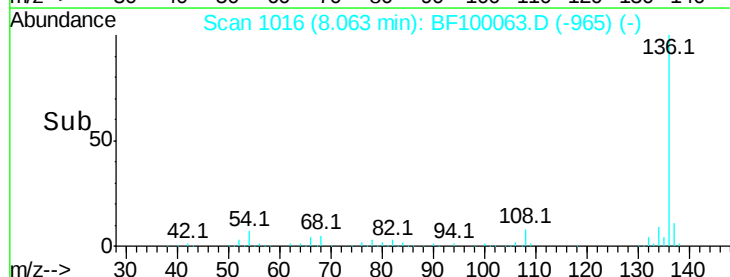
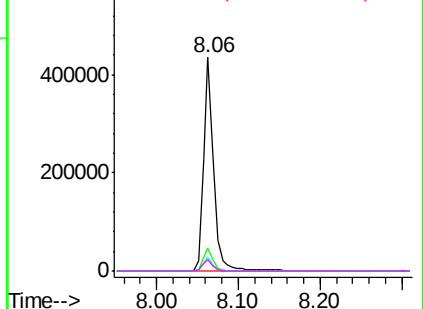


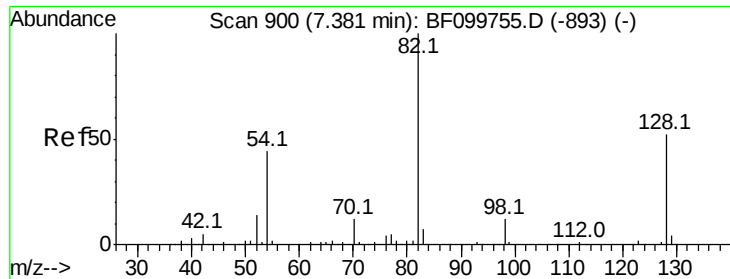
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

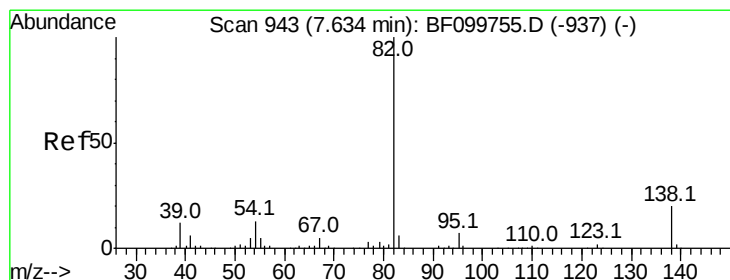
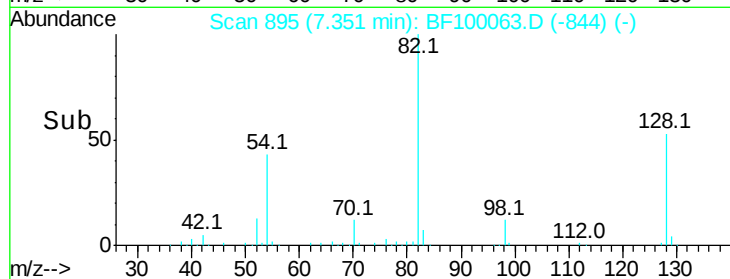
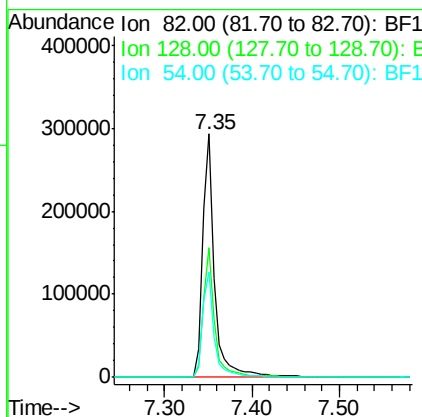
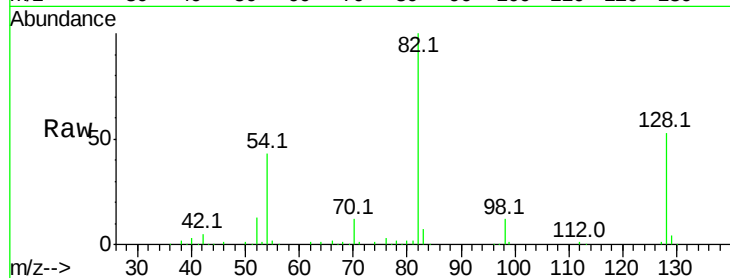




#23
 Nitrobenzene-d5
 Concen: 47.557 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

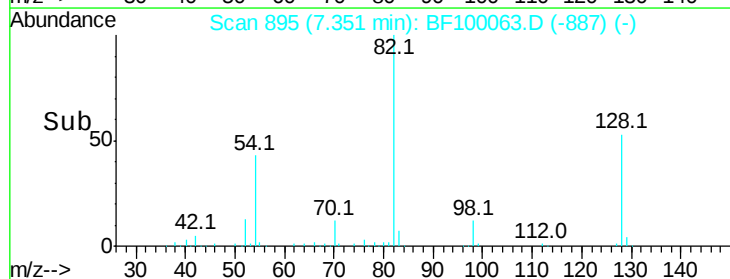
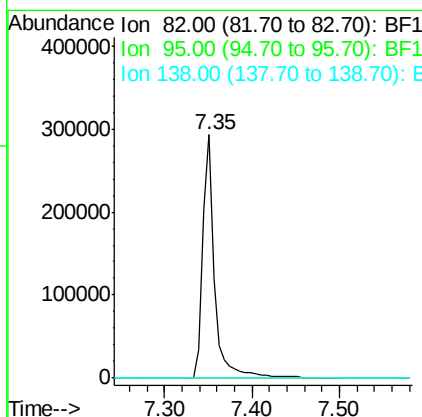
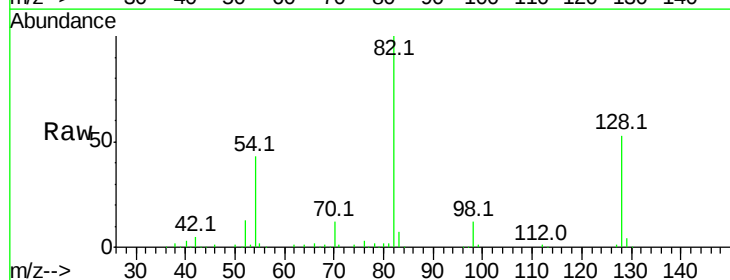
Instrument :
 BNA_F
 ClientSampled :

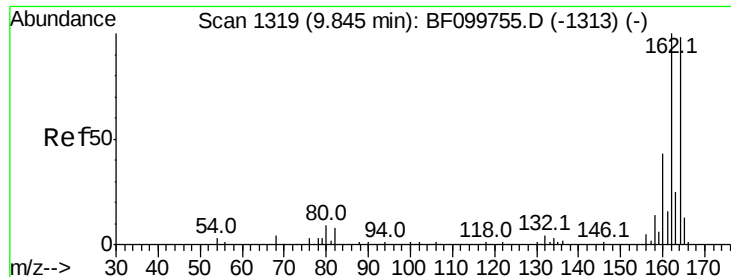
Tot Ion	82	Resp	278132
Ion Ratio	100	Lower	Upper
128	53.3	36.1	54.1
54	43.4	41.4	62.2



#25
 Isophorone
 Concen: 26.208 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.25 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Tgt Ion	82	Resp	278132
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

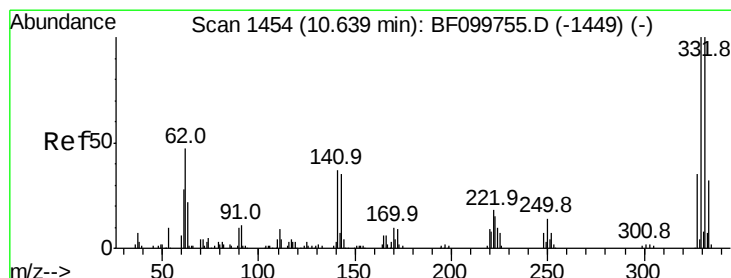
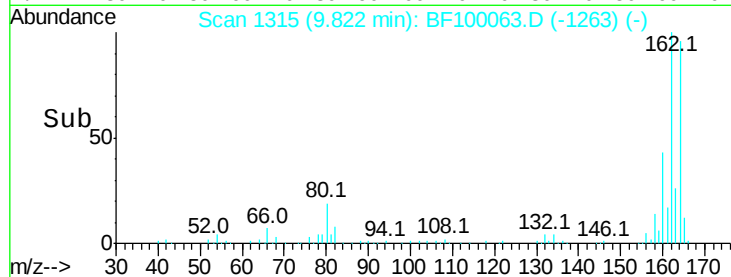
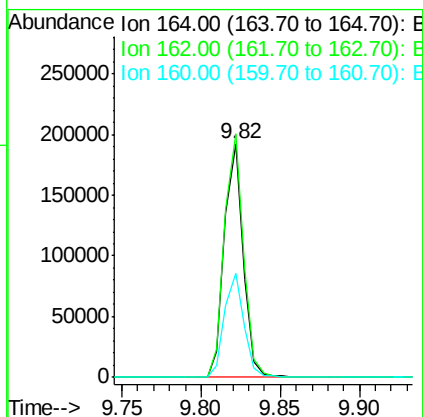
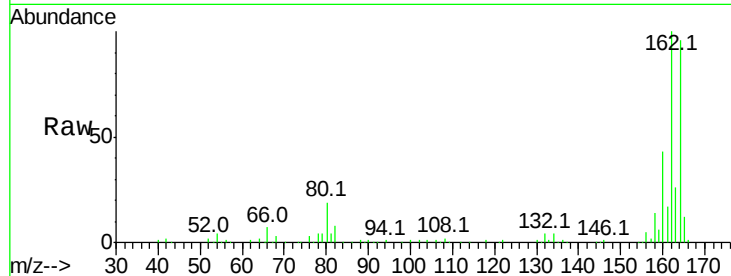




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

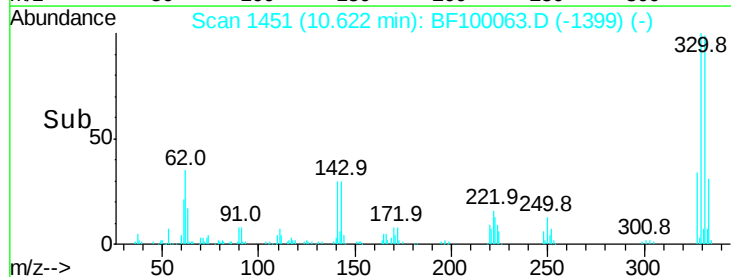
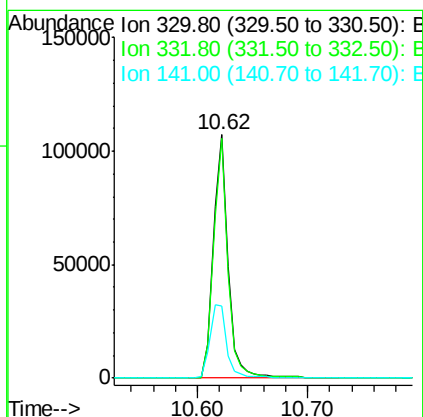
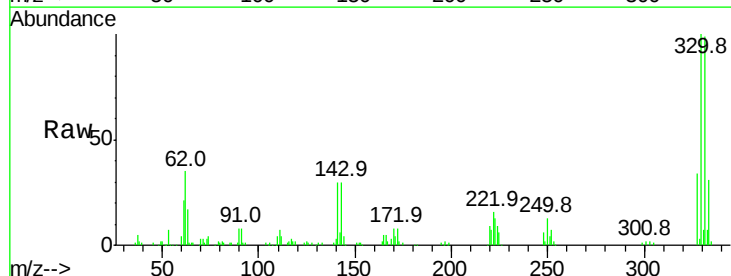
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 159154
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 44.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 67.482 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Tgt Ion:330 Resp: 97875
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.8 29.9 44.9

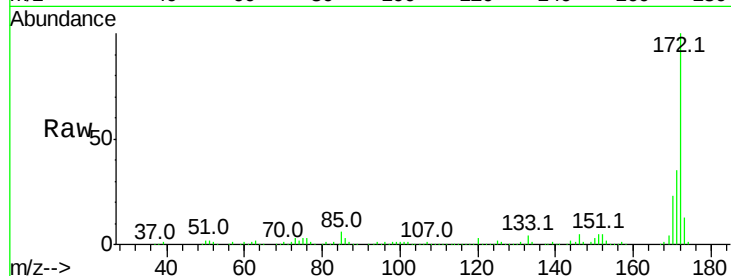




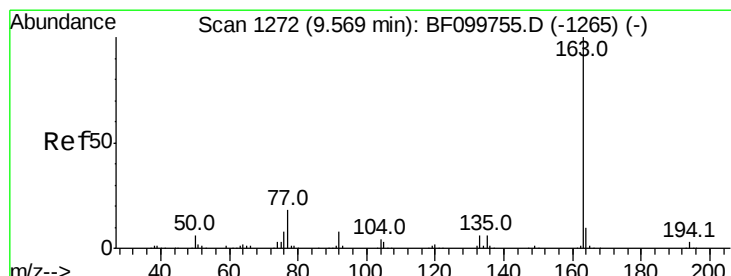
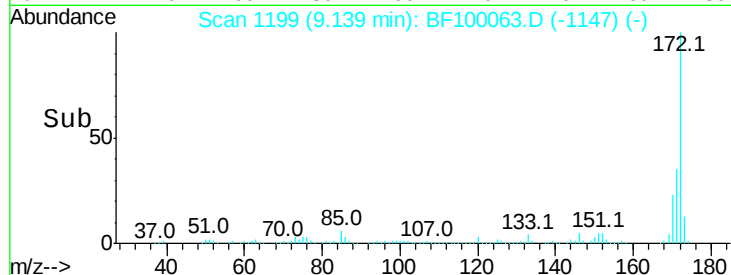
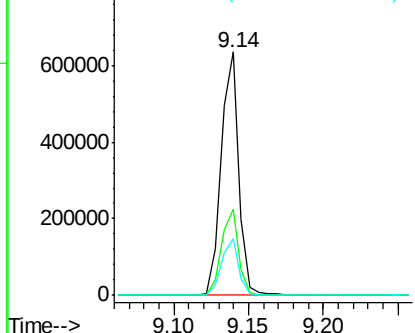
#44
2-Fluorobiphenyl
Concen: 51.354 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 529751
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.1 19.6 29.4

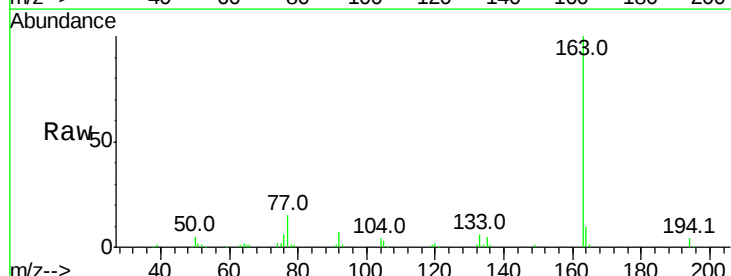


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

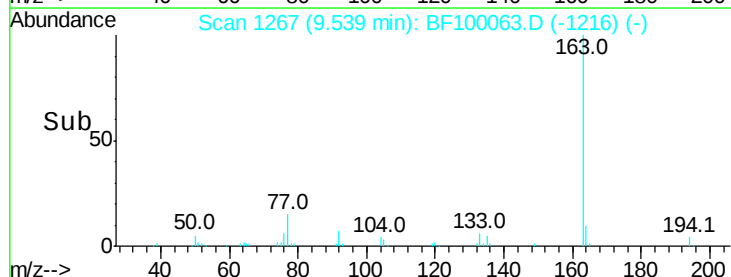
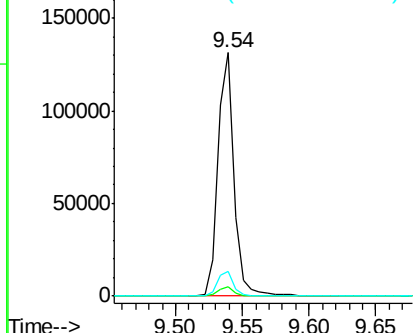


#49
Dimethylphthalate
Concen: 8.891 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF100063.D
Acq: 1 Nov 2017 23:43

Tgt Ion:163 Resp: 112058
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 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

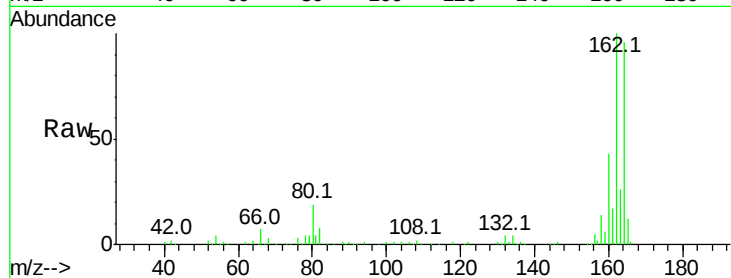




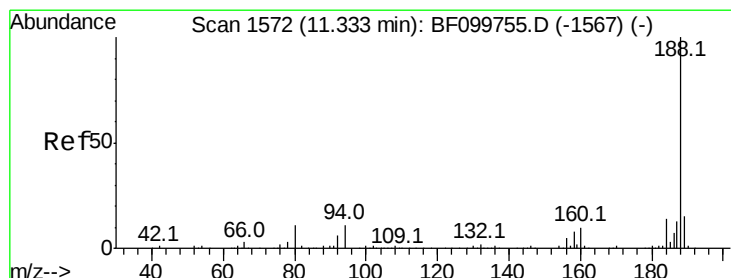
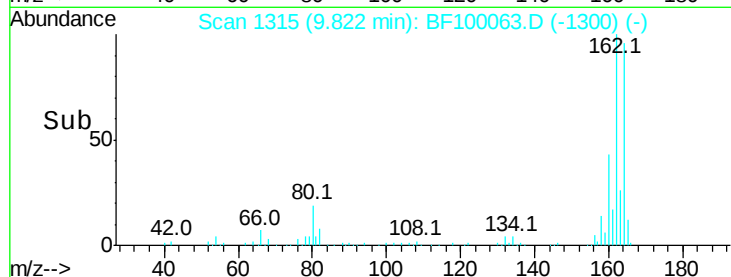
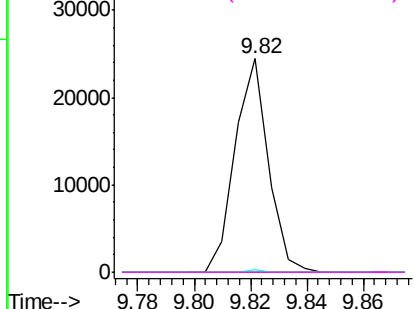
#56
 2,4-Dinitrotoluene
 Concen: 6.256 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.21 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 19962
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#

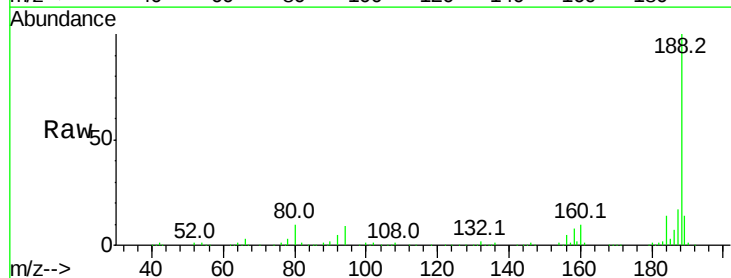


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

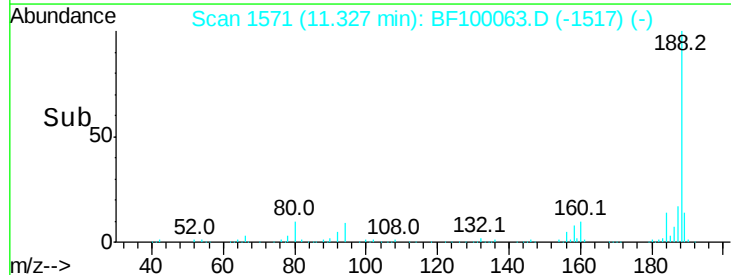
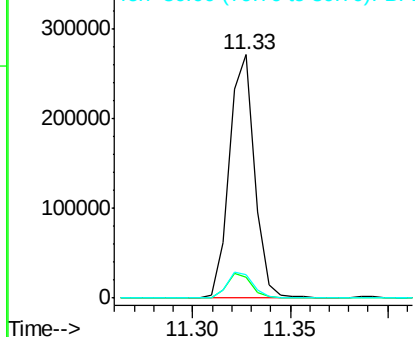


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.02 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Tgt Ion:188 Resp: 242820
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 9.5 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

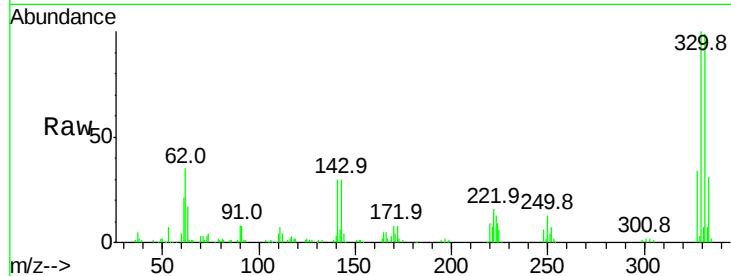




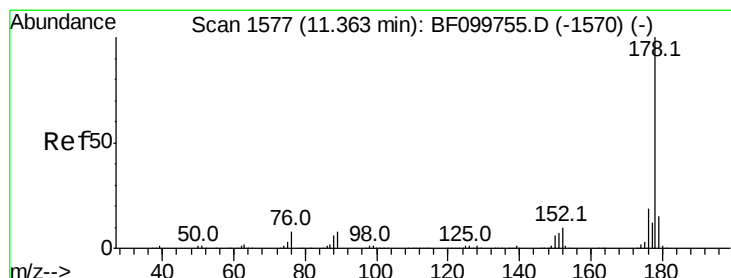
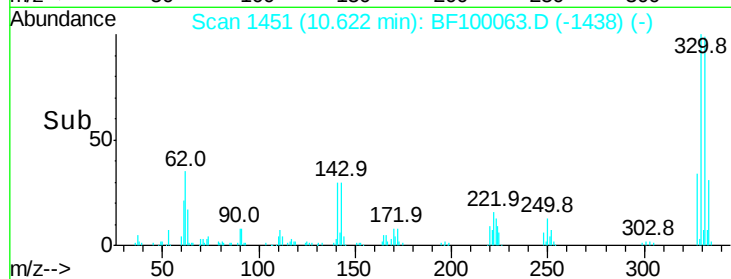
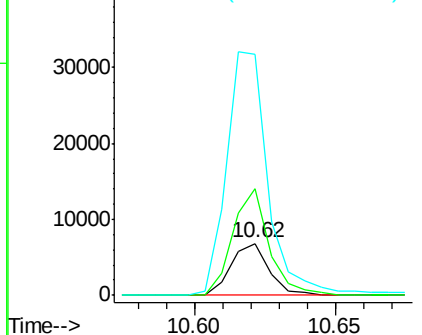
#66
 4-Bromophenyl-phenylether
 Concen: 2.503 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.22 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6398
 Ion Ratio Lower Upper
 248 100
 250 204.0 76.9 115.3#
 141 462.3 74.4 111.6#

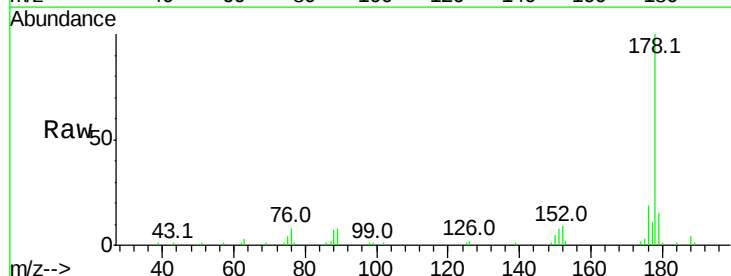


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

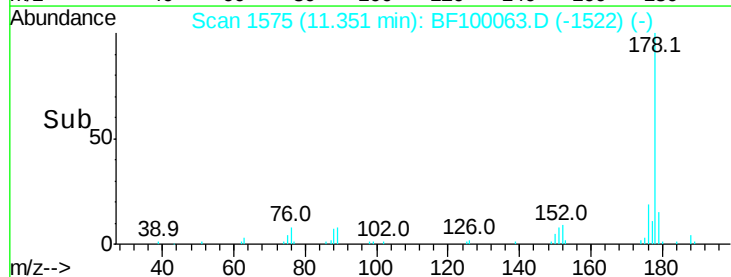
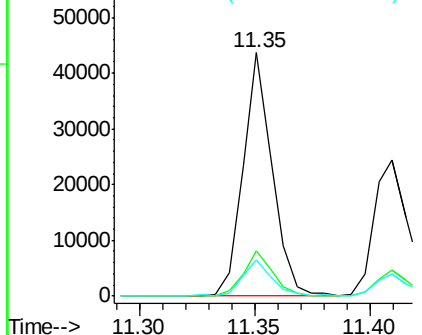


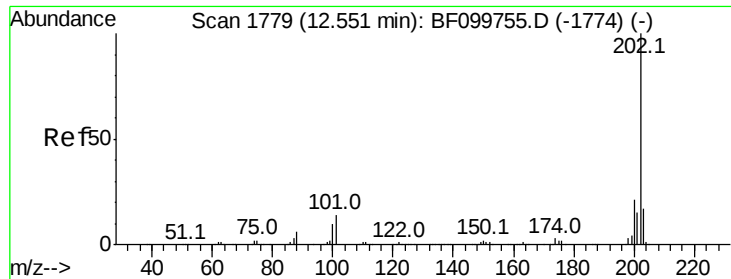
#70
 Phenanthrene
 Concen: 2.801 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF100063.D
 Acq: 1 Nov 2017 23:43

Tgt Ion:178 Resp: 38378
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 14.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 15.369 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.10 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Instrument :

BNA_F

ClientSampleId :

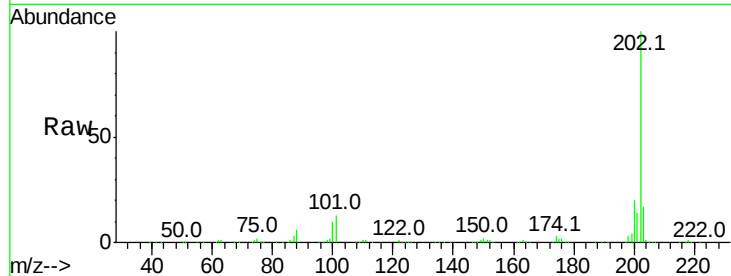
Tot Ion: 202 Resp: 218872

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

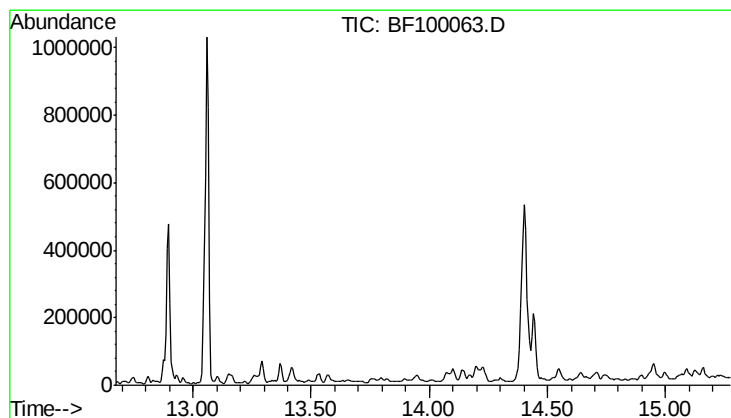
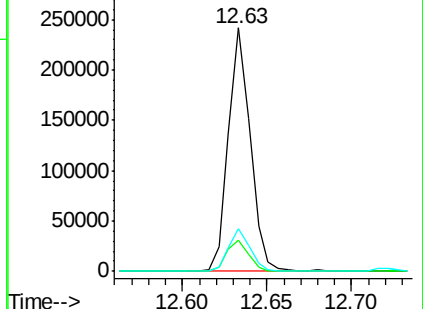
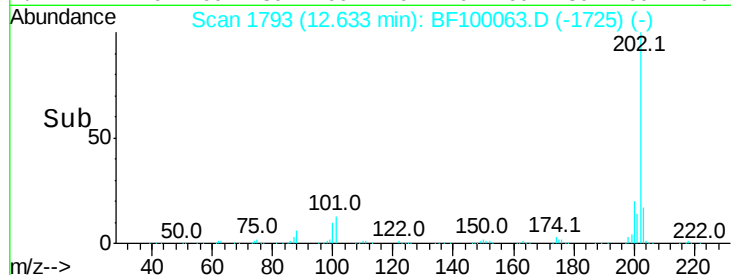
203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 0.000 ng

Expected RT: 13.97 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

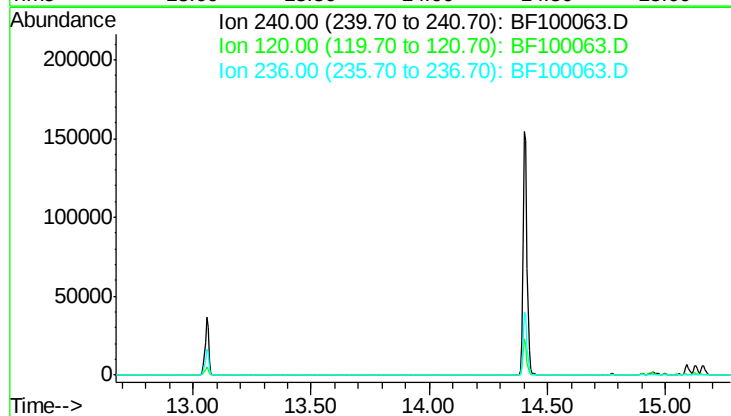
Tgt Ion: 240

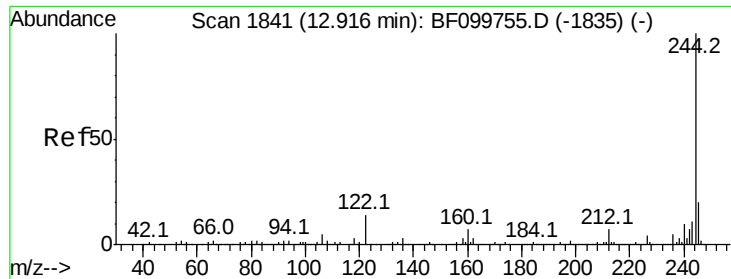
Sig Exp Ratio

240 100

120 11.9

236 25.9





#78

Terphenyl-d14

Concen: 0.000 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.16 min

Lab File: BF100063.D

Acq: 1 Nov 2017 23:43

Instrument :

BNA_F

ClientSampled :

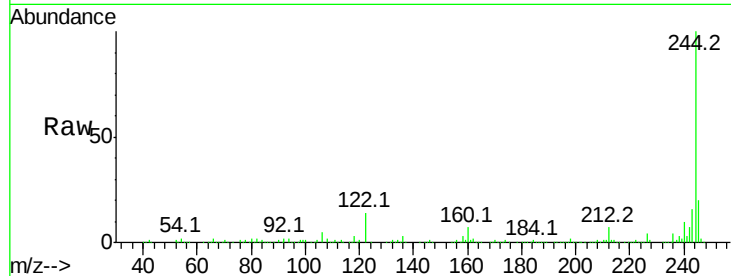
Tot Ion:244 Resp: 361798

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

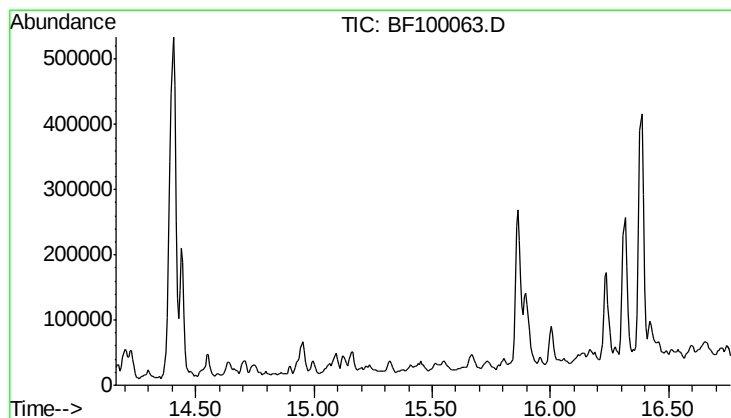
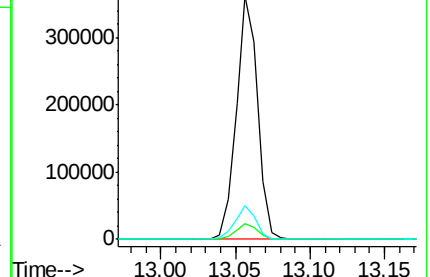
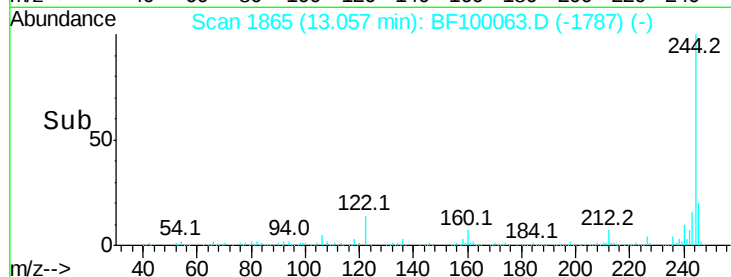
122 14.0 11.0 16.4



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: BF100063.D

Acq: 1 Nov 2017 23:43

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.9

