

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100091.D
 Acq On : 2 Nov 2017 18:07
 Operator : SJ/JU
 Sample : I6233-06 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 18:57:23 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

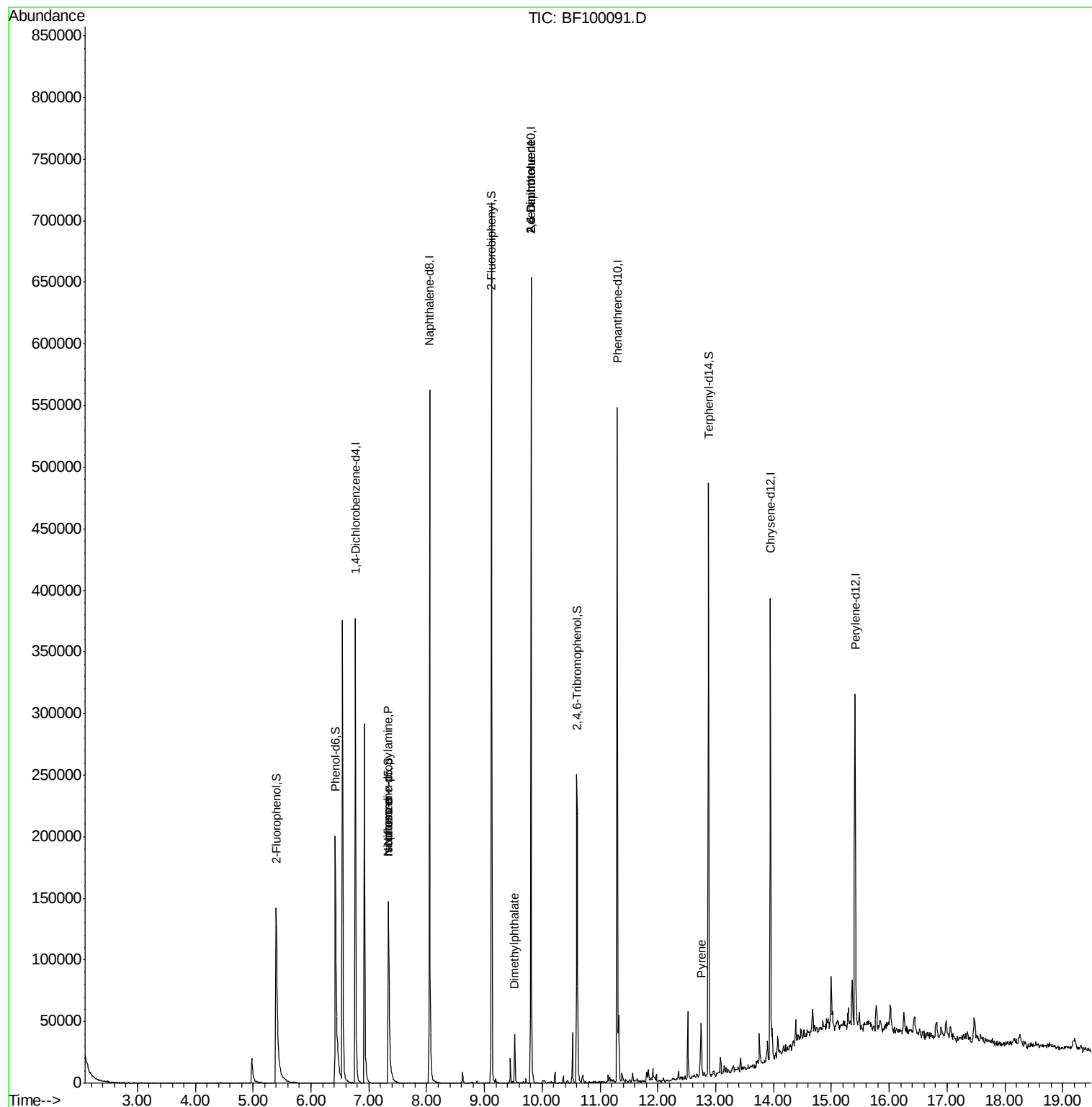
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	68541	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	284647	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	126977	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	201214	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	122370	20.00	ng	-0.03
86) Perylene-d12	15.41	264	124898	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	109477	25.08	ng	0.00
7) Phenol-d6	6.42	99	156948	30.32	ng	0.00
23) Nitrobenzene-d5	7.34	82	81330	18.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	33939	29.33	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	207435	25.20	ng	-0.01
78) Terphenyl-d14	12.87	244	142603	25.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	9680	3.191	ng	# 71
25) Isophorone	7.34	82	81330	10.137	ng	# 64
49) Dimethylphthalate	9.52	163	22074	2.195	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	16080	7.607	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	16080	6.316	ng	# 21
77) Pyrene	12.75	202	19827	2.131	ng	# 97

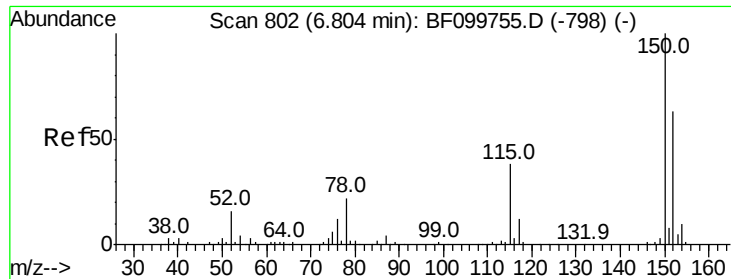
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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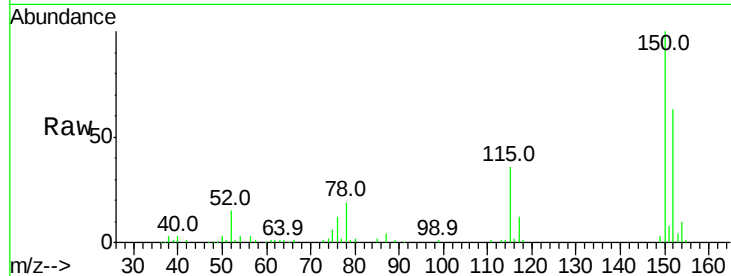


#1

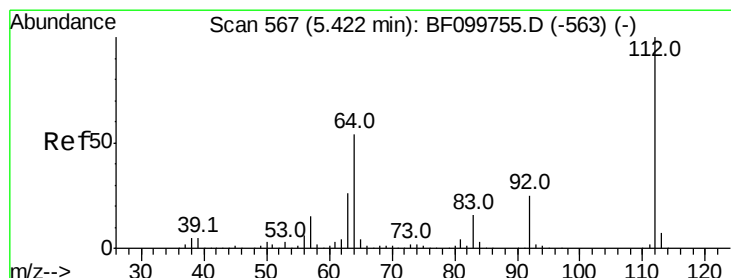
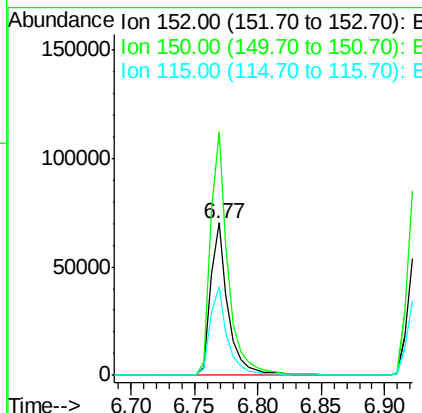
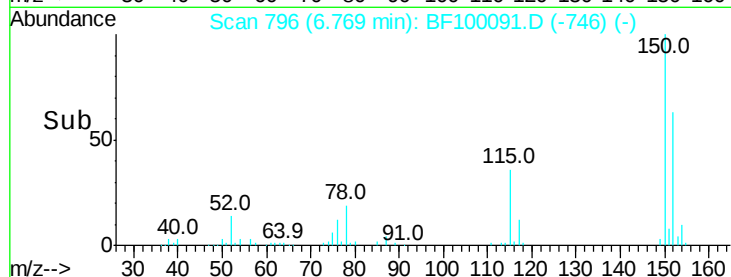
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100091.D
 Acq: 2 Nov 2017 18:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 68541
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 58.1 50.1 75.1



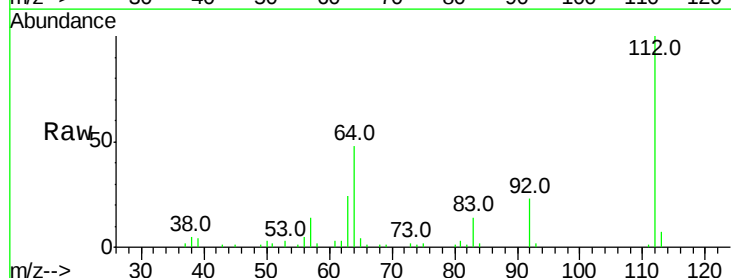
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



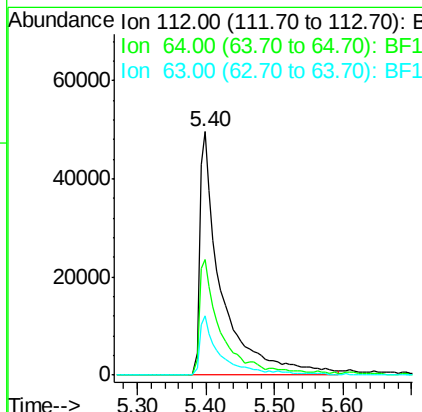
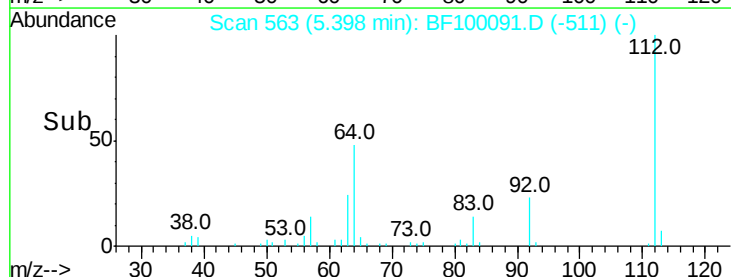
#5

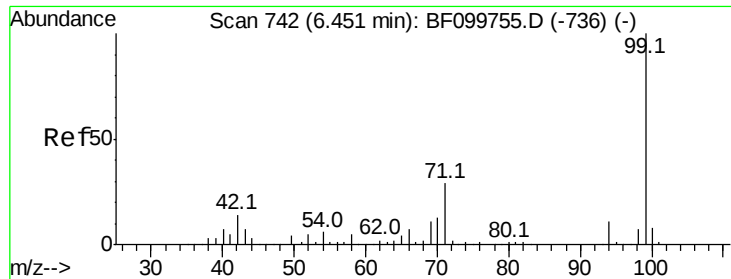
2-Fluorophenol
 Concen: 25.076 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100091.D
 Acq: 2 Nov 2017 18:07

Tgt Ion:112 Resp: 109477
 Ion Ratio Lower Upper
 112 100
 64 47.7 47.9 71.9#
 63 24.4 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: 30.319 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

Instrument :

BNA_F

ClientSampled :

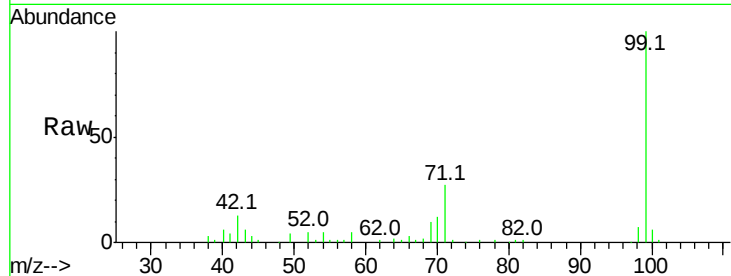
Tot Ion: 99 Resp: 156948

Ion Ratio Lower Upper

99 100

42 12.9 14.5 21.7#

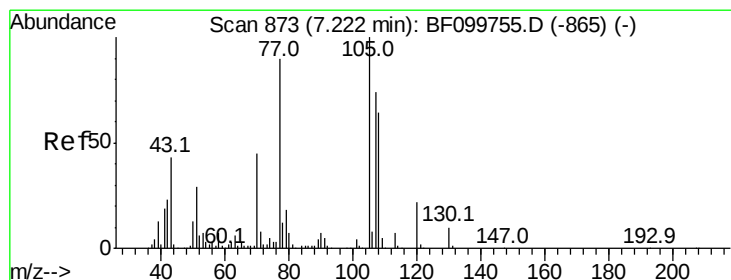
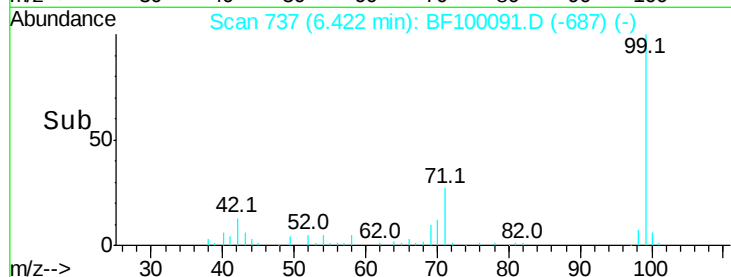
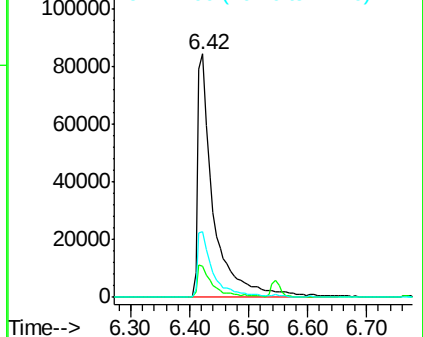
71 26.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.191 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

Tgt Ion: 70 Resp: 9680

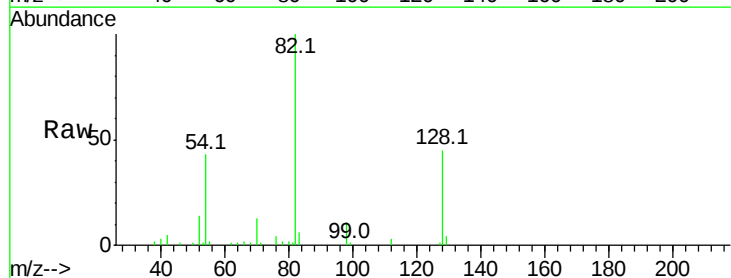
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

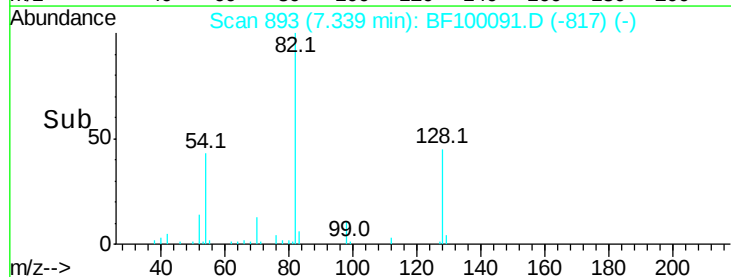
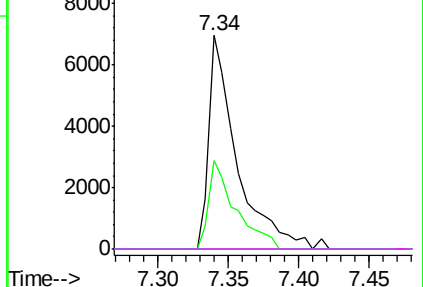


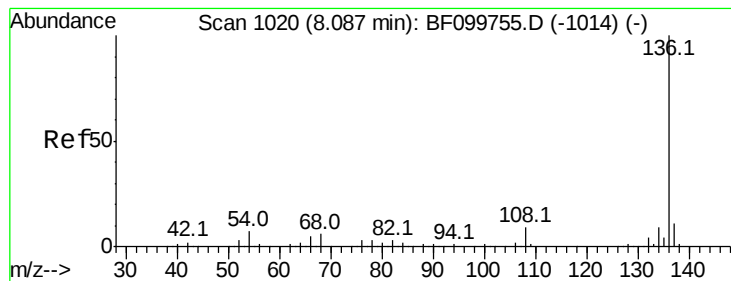
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1014

Delta R.T. -0.01 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 284647

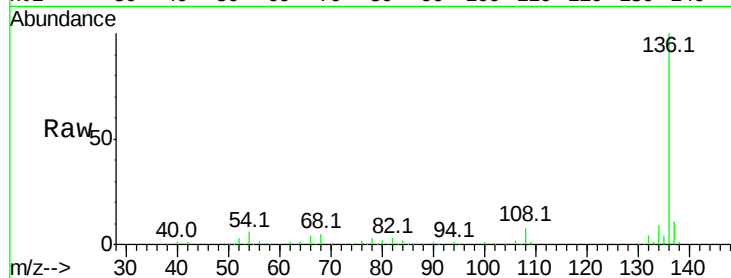
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.6 6.6 9.8#

68 5.2 5.0 7.4

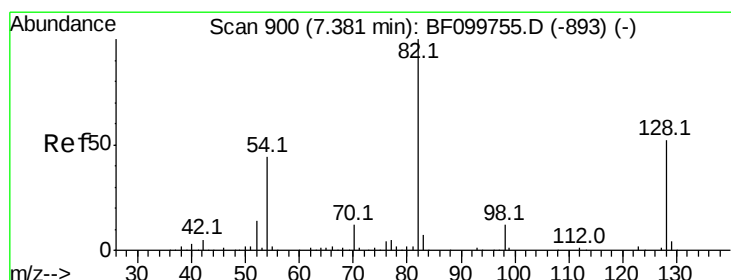
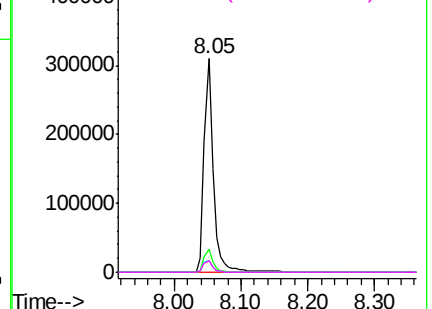
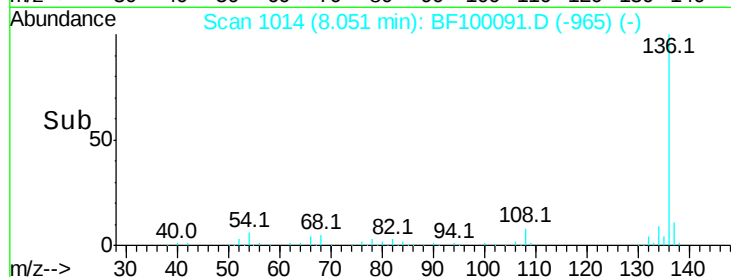


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 18.395 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

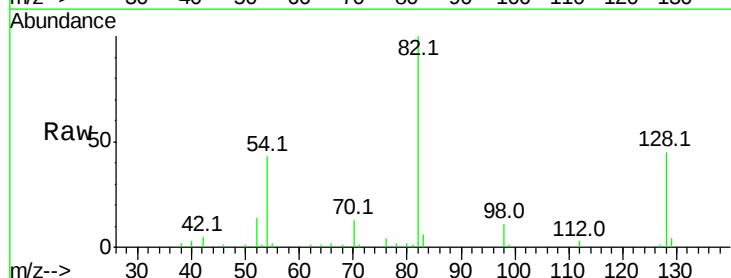
Tgt Ion: 82 Resp: 81330

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

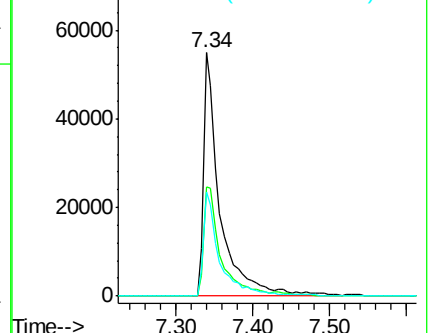
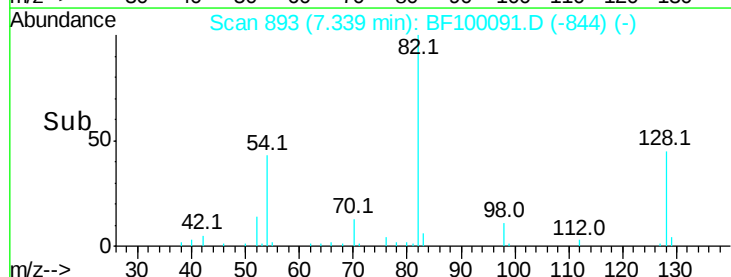
54 42.5 41.4 62.2

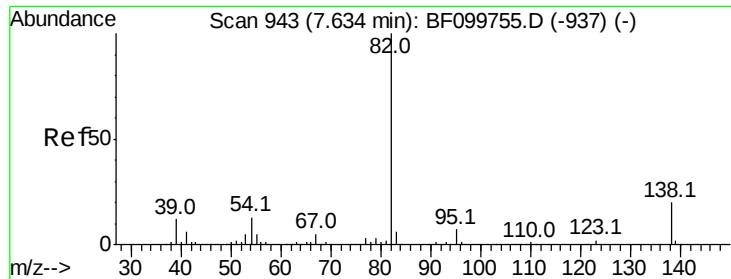


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 10.137 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

Instrument :

BNA_F

ClientSampleId :

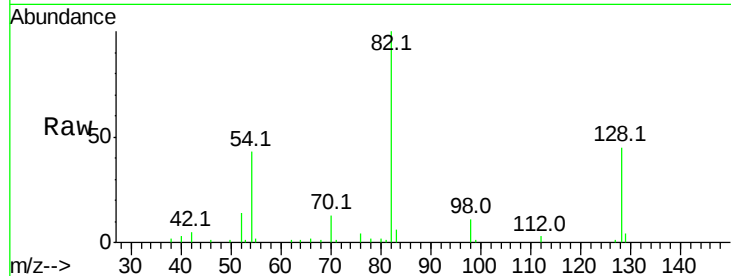
Tot Ion: 82 Resp: 81330

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

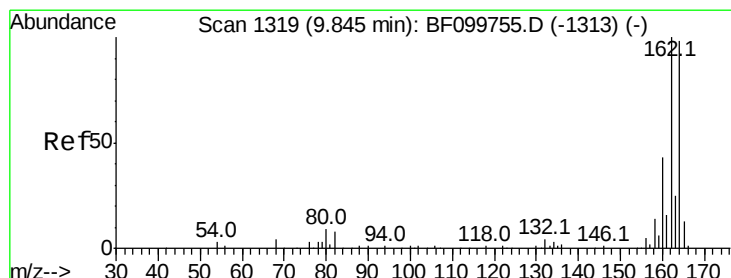
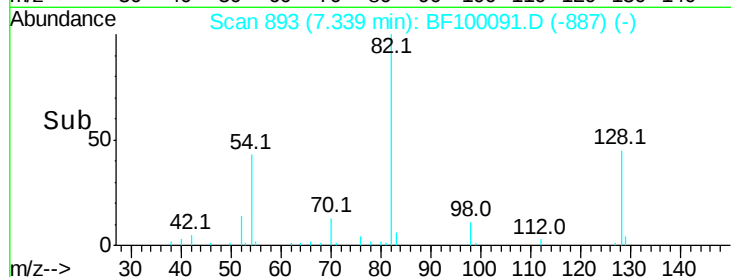
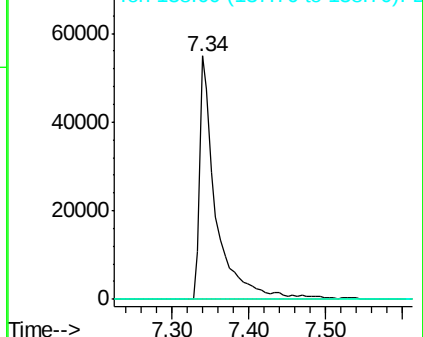
138 0.0 14.9 22.3#



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: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

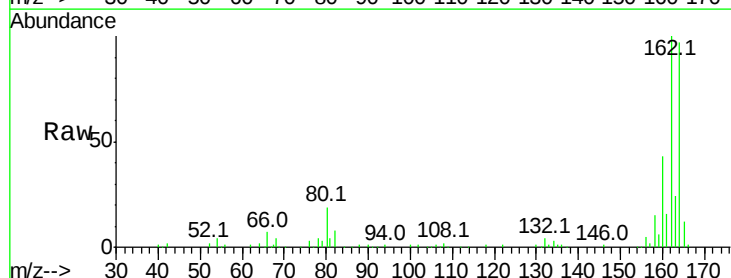
Tgt Ion:164 Resp: 126977

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

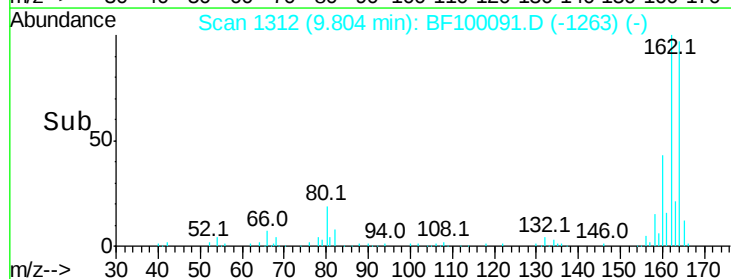
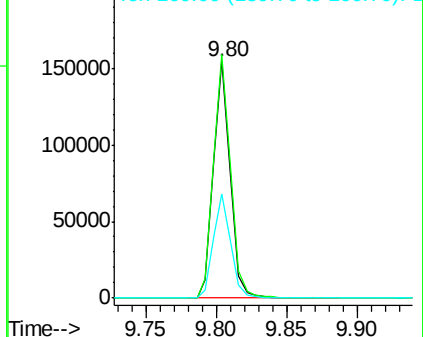
160 43.9 38.3 57.5

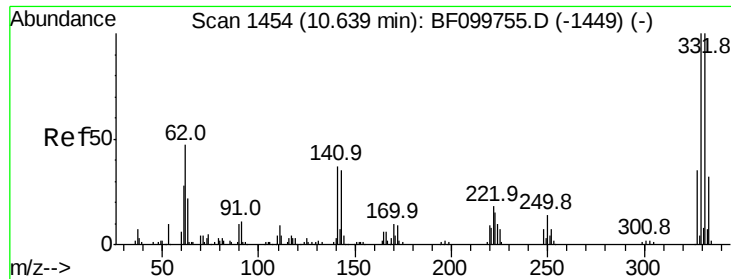


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

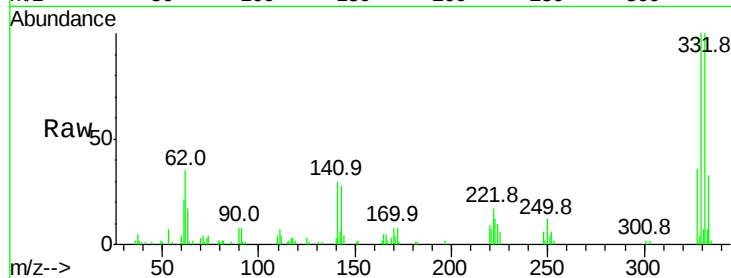




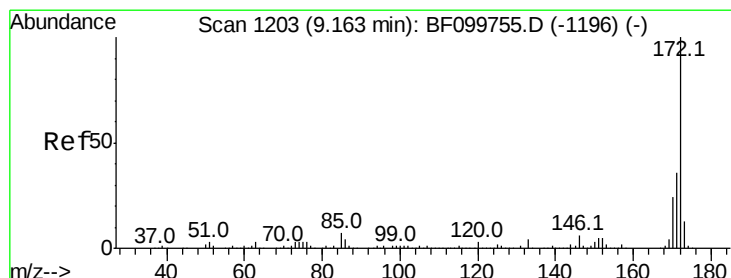
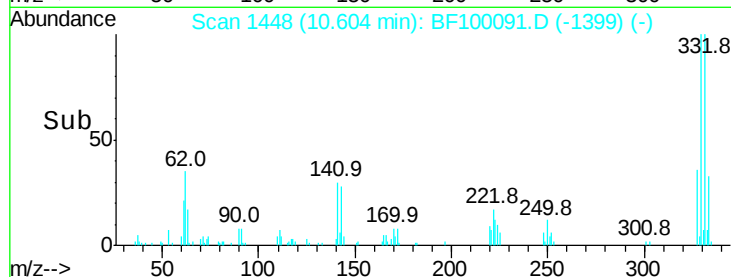
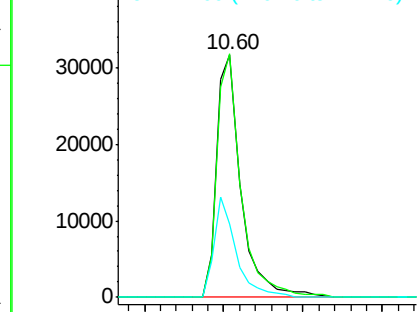
#41
 2,4,6-Tribromophenol
 Concen: 29.330 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100091.D
 Acq: 2 Nov 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	37.4	29.9	44.9

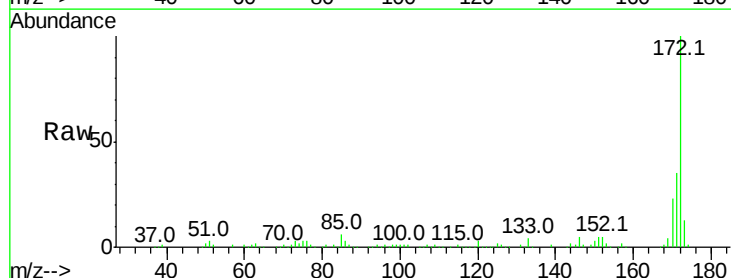


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

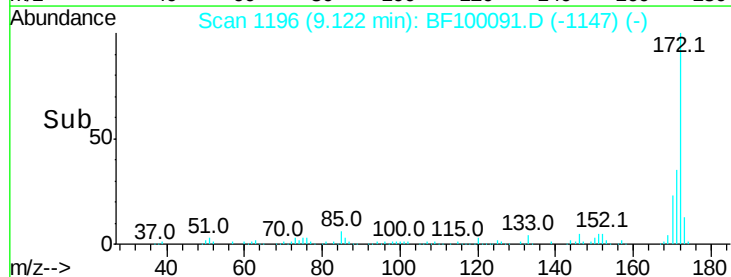
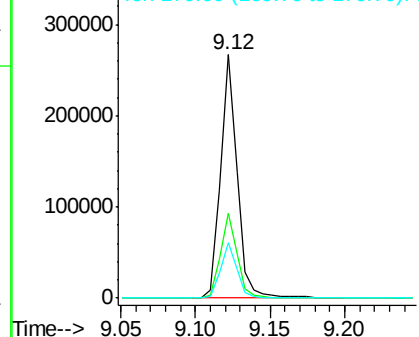


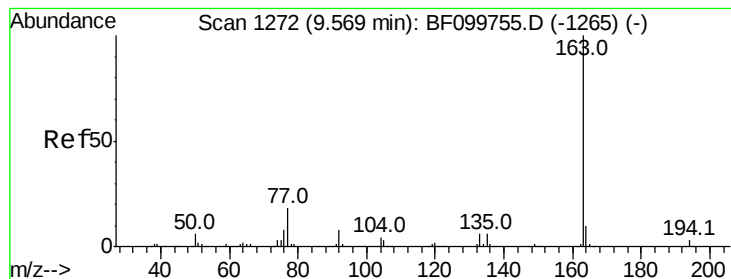
#44
 2-Fluorobiphenyl
 Concen: 25.204 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100091.D
 Acq: 2 Nov 2017 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	22.8	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: 2.195 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

Instrument :

BNA_F

ClientSampled :

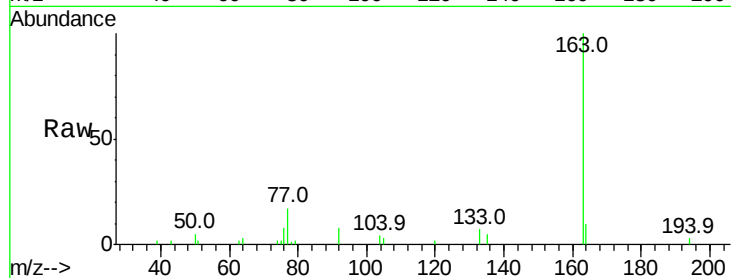
Tot Ion:163 Resp: 22074

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

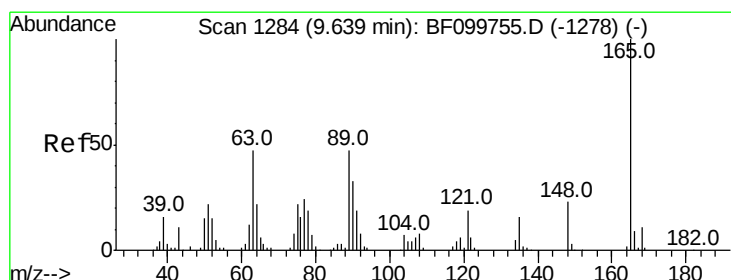
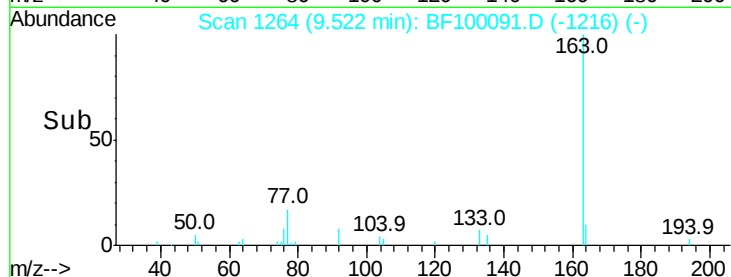
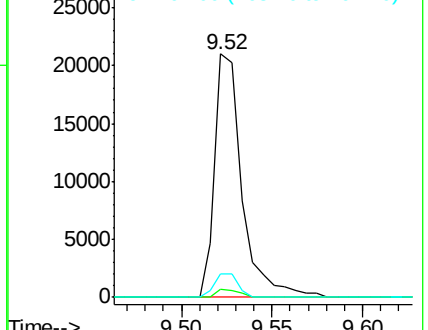
164 9.8 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.607 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.19 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

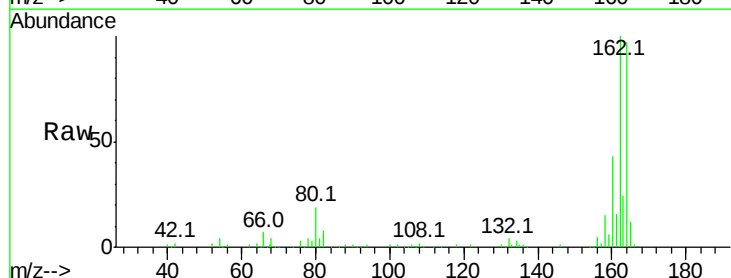
Tgt Ion:165 Resp: 16080

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

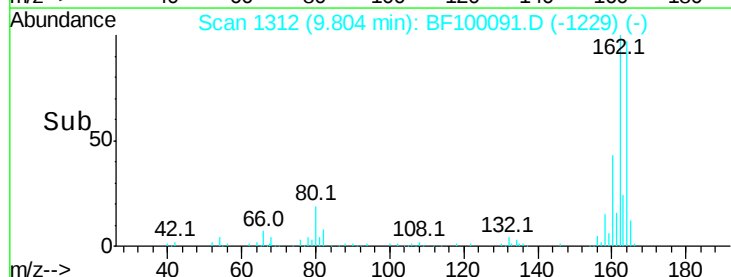
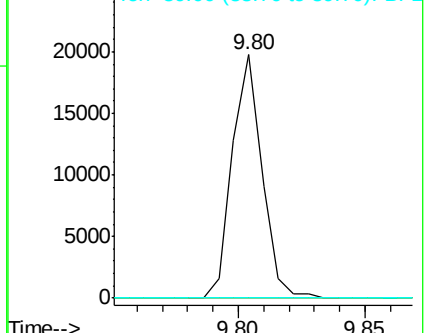
89 0.0 44.0 66.0#

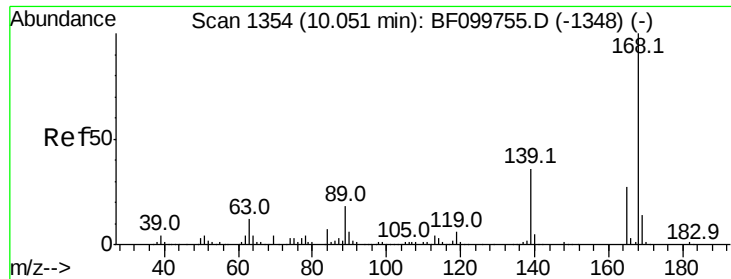


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

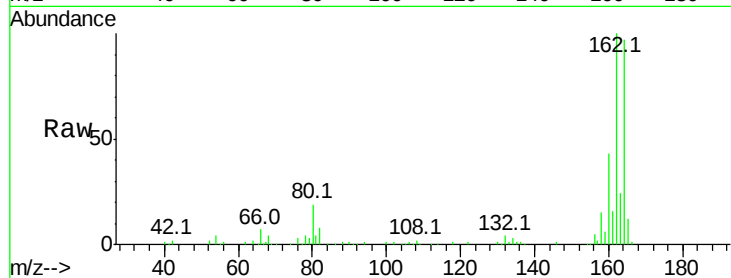




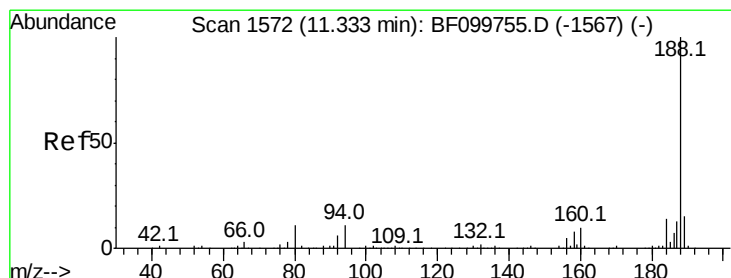
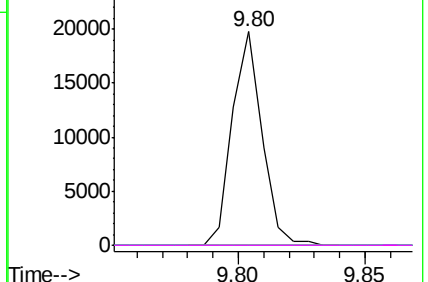
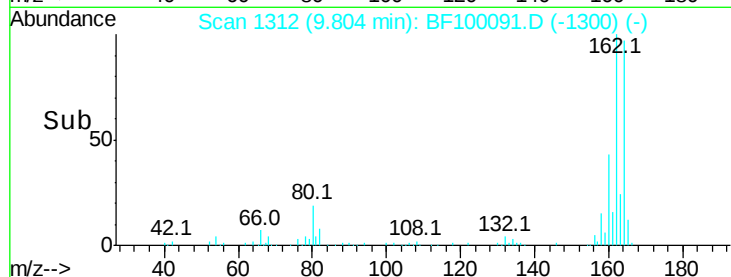
#56
 2,4-Dinitrotoluene
 Concen: 6.316 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.23 min
 Lab File: BF100091.D
 Acq: 2 Nov 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16080
 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#

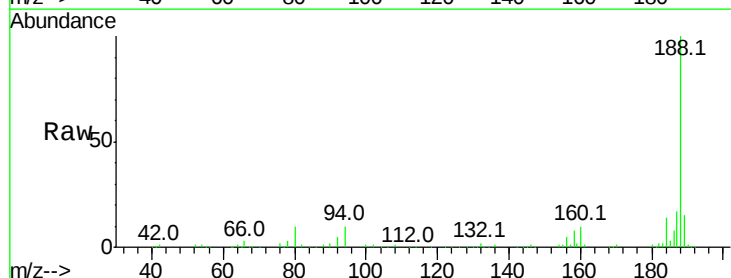


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

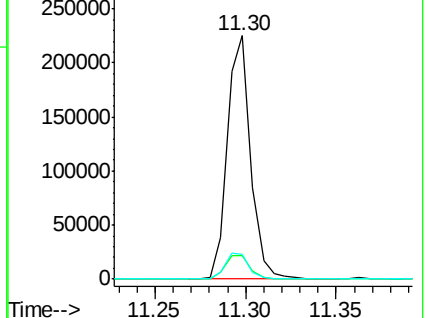
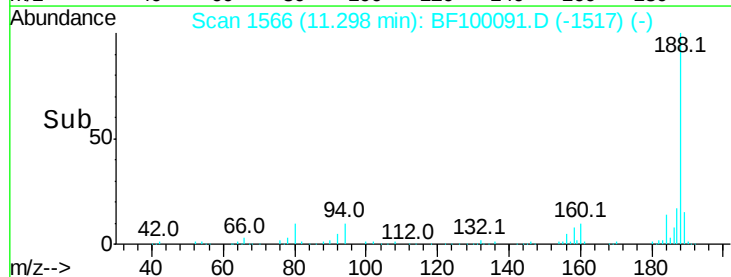


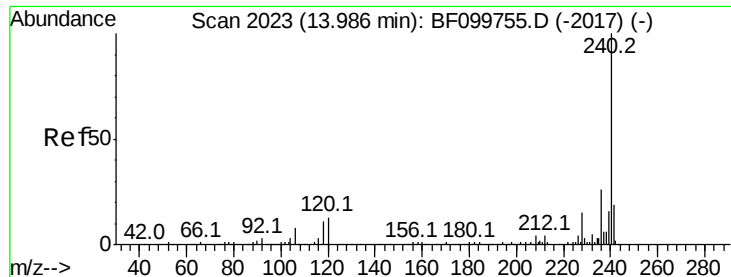
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100091.D
 Acq: 2 Nov 2017 18:07

Tgt Ion:188 Resp: 201214
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

Instrument :

BNA_F

ClientSampleId :

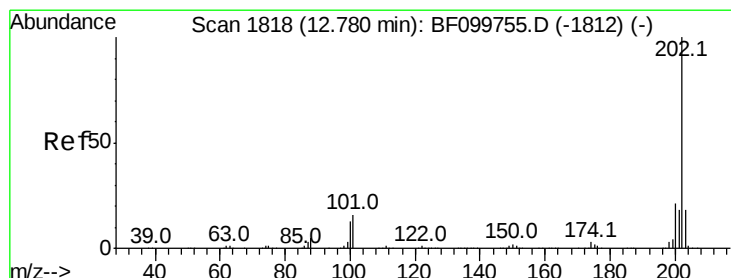
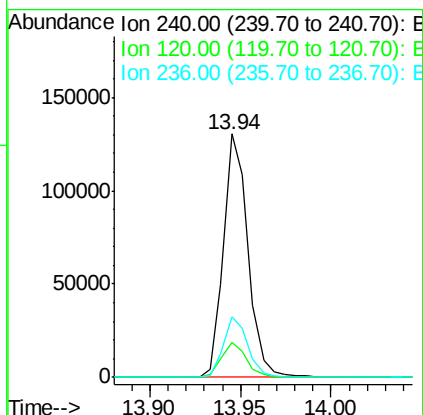
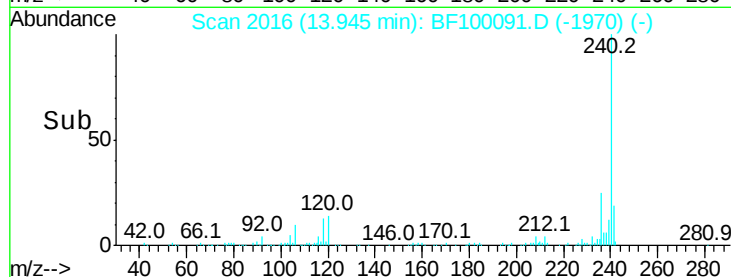
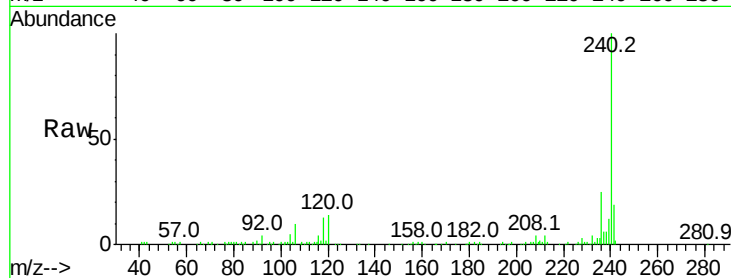
Tot Ion:240 Resp: 122370

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

236 24.9 20.7 31.1



#77

Pyrene

Concen: 2.131 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

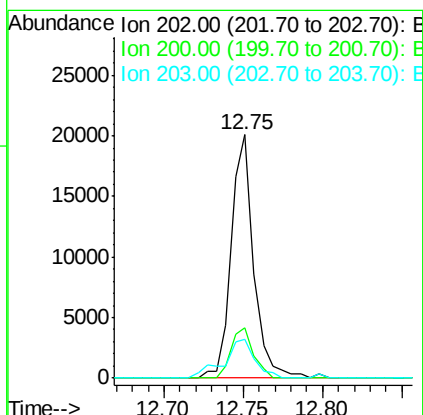
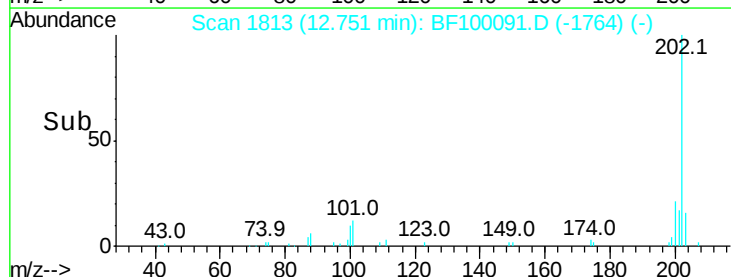
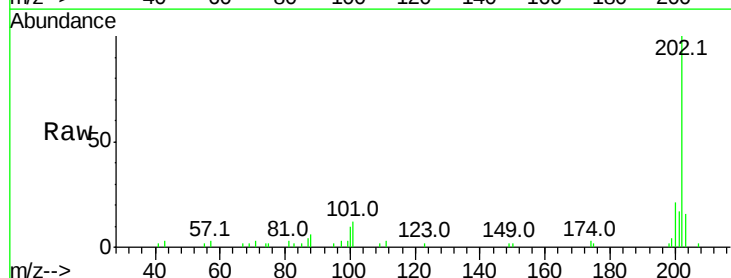
Tgt Ion:202 Resp: 19827

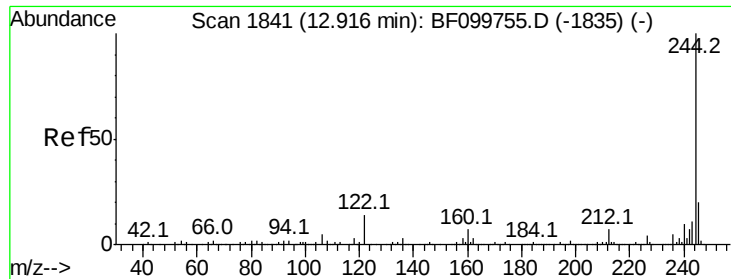
Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

203 16.0 14.3 21.5





#78

Terphenyl-d14

Concen: 25.467 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

Instrument :

BNA_F

ClientSampleId :

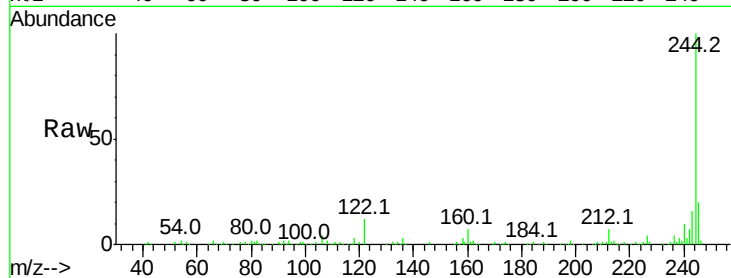
Tot Ion:244 Resp: 142603

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

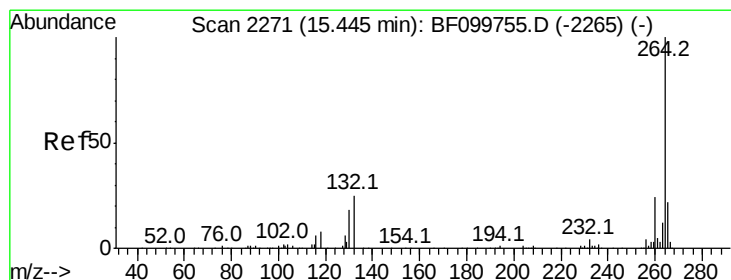
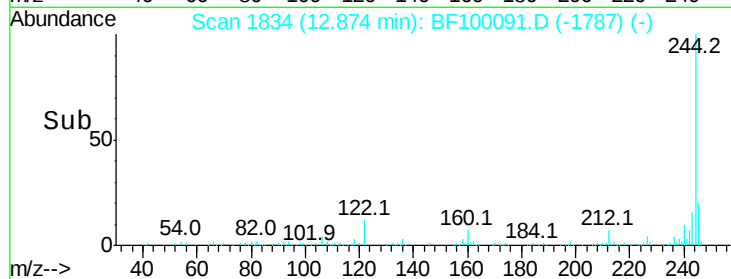
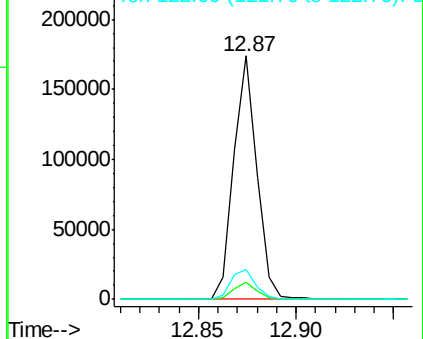
122 12.4 11.0 16.4



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. -0.05 min

Lab File: BF100091.D

Acq: 2 Nov 2017 18:07

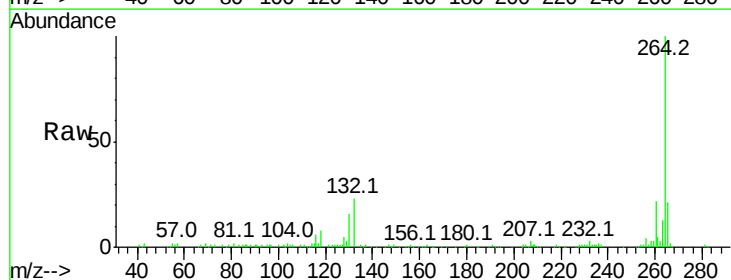
Tgt Ion:264 Resp: 124898

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 21.4 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

