

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100199.D
 Acq On : 5 Nov 2017 00:57
 Operator : SJ/JU
 Sample : PB103984BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:55:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

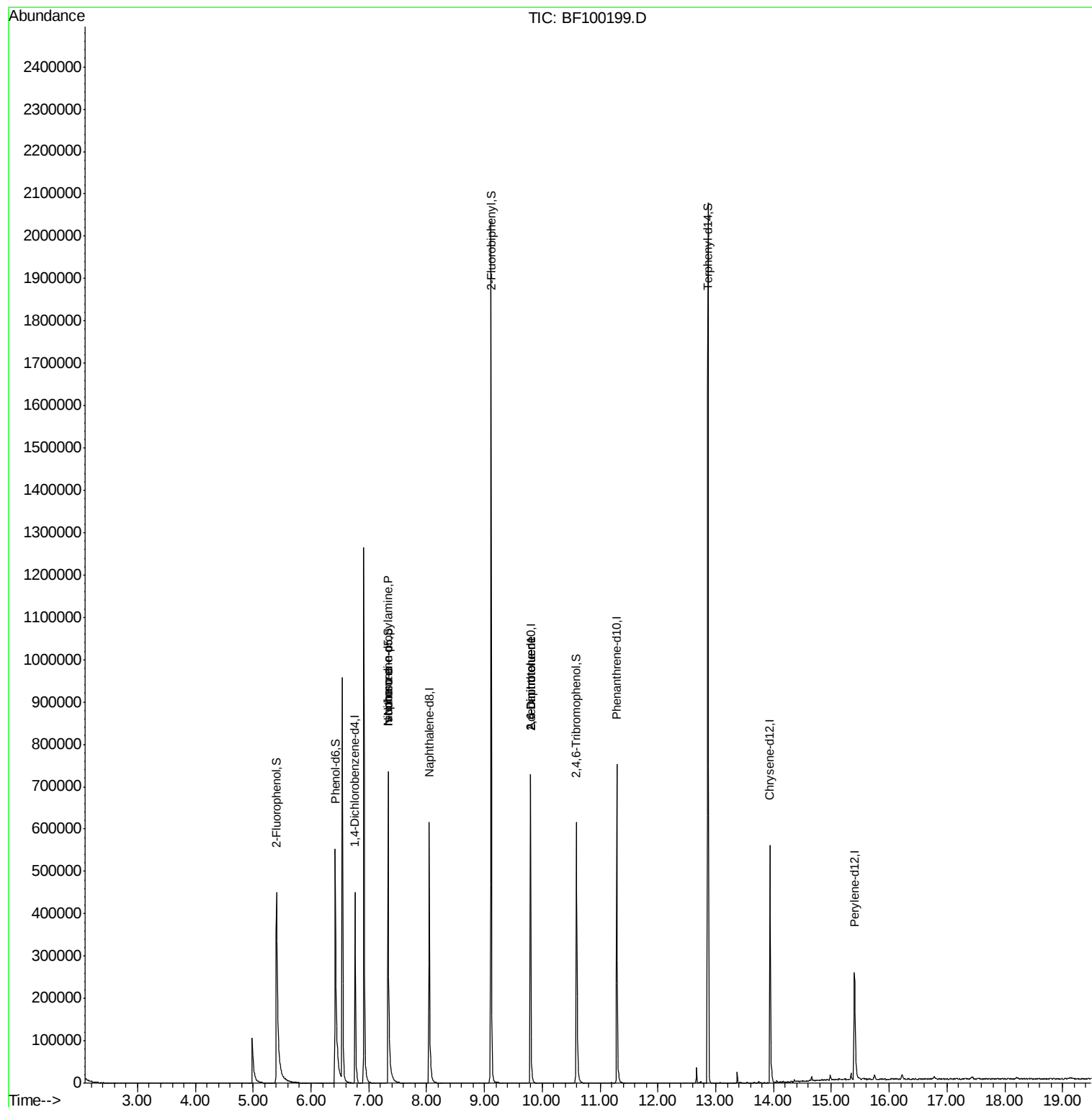
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	83961	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	349202	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	170143	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	327304	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	217833	20.00	ng	-0.01
86) Perylene-d12	15.40	264	151800	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	316909	59.26	ng	0.01
7) Phenol-d6	6.42	99	392017	61.82	ng	-0.01
23) Nitrobenzene-d5	7.33	82	319149	58.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	91437	58.97	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	693837	62.92	ng	-0.01
78) Terphenyl-d14	12.87	244	701455	70.37	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	37885	10.195	ng	# 71
25) Isophorone	7.33	82	319149	32.426	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	21551	7.608	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	21551	6.318	ng	# 21

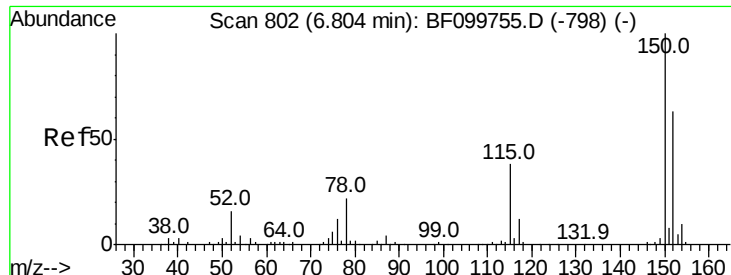
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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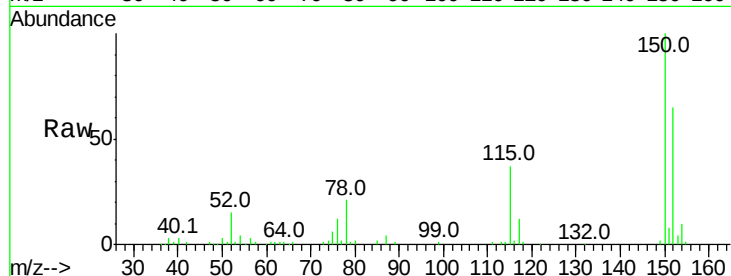


#1

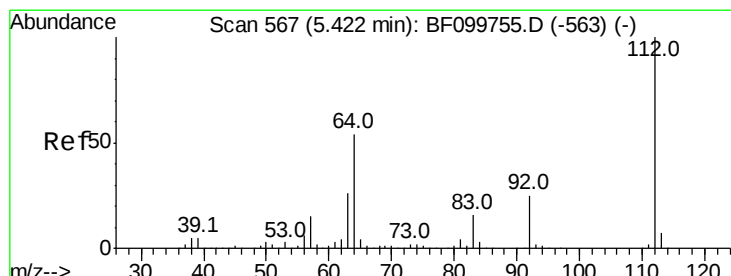
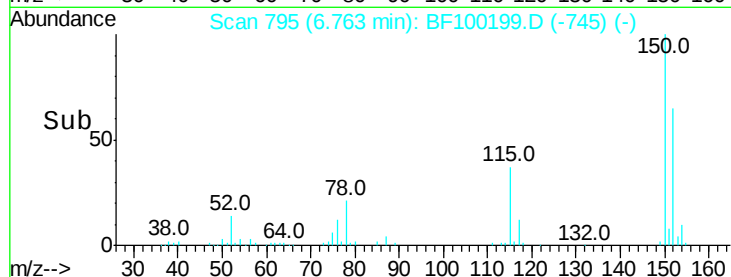
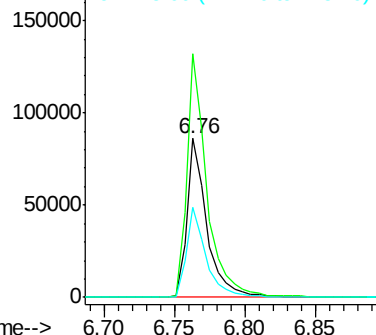
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83961
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 57.0 50.1 75.1



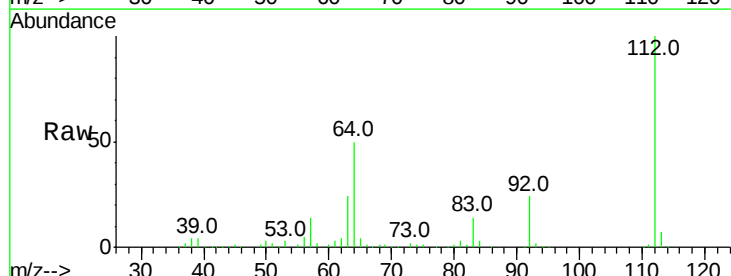
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



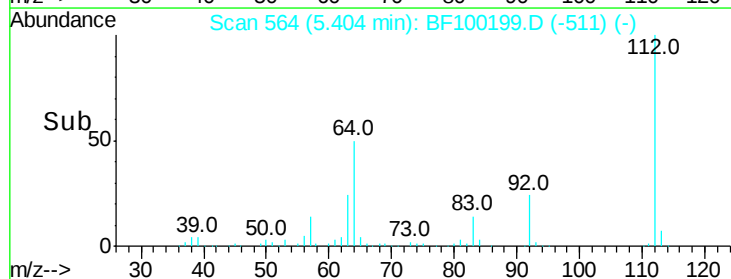
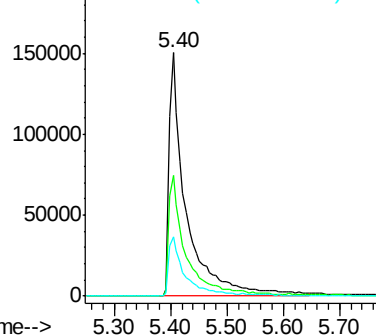
#5

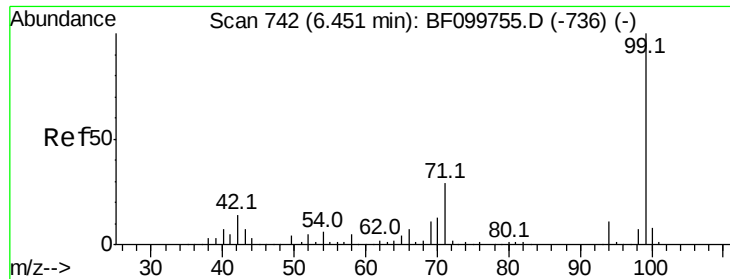
2-Fluorophenol
Concen: 59.258 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

Tgt Ion:112 Resp: 316909
Ion Ratio Lower Upper
112 100
64 49.7 47.9 71.9
63 24.3 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: 61.821 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

Instrument :

BNA_F

ClientSampleId :

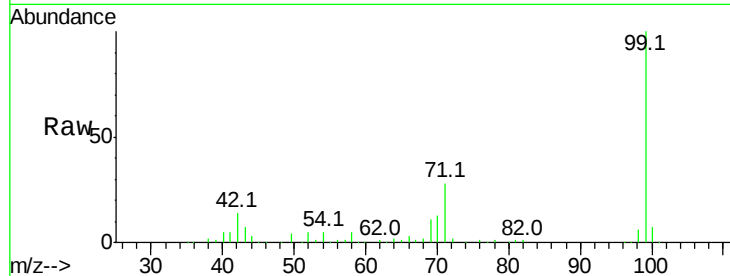
Tot Ion: 99 Resp: 392017

Ion Ratio Lower Upper

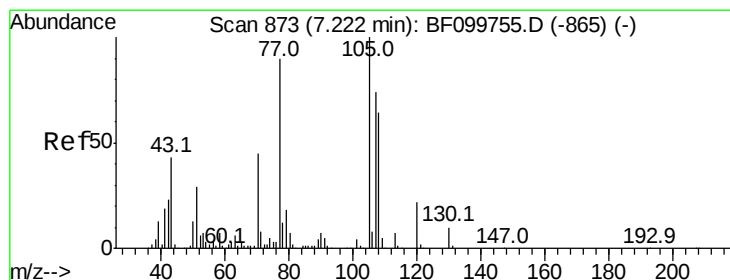
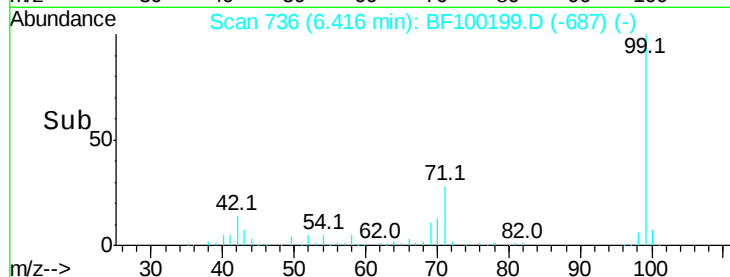
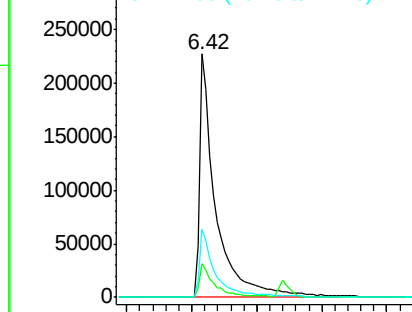
99 100

42 13.7 14.5 21.7#

71 28.1 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: 10.195 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

Tgt Ion: 70 Resp: 37885

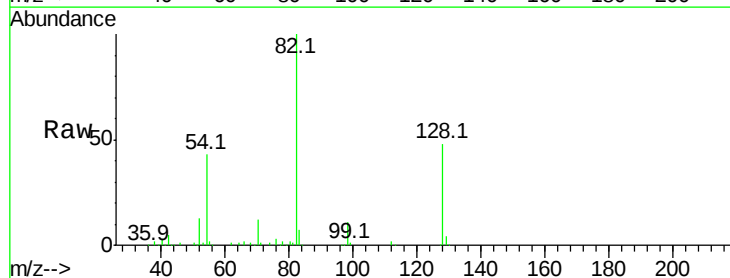
Ion Ratio Lower Upper

70 100

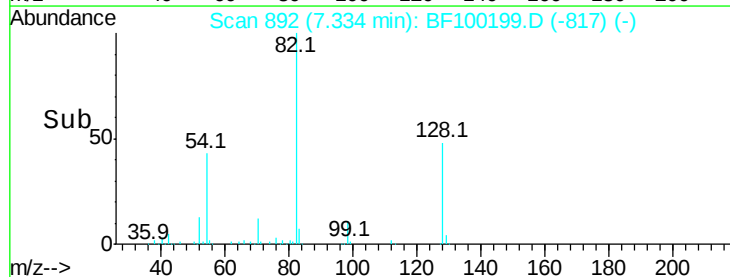
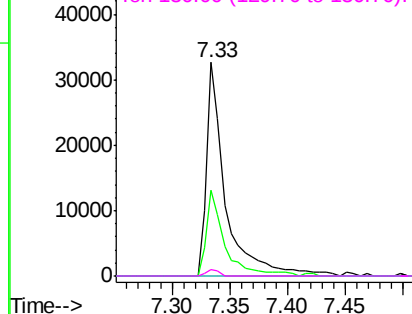
42 40.0 47.5 71.3#

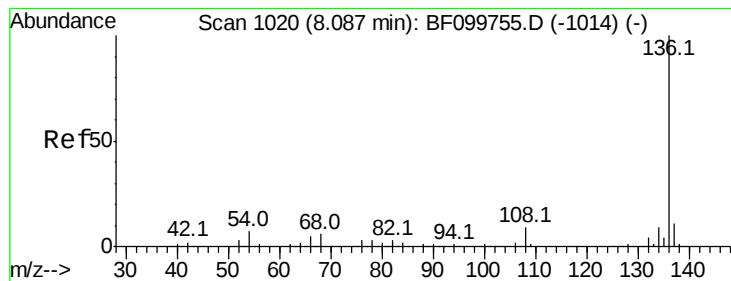
101 0.0 7.4 11.2#

130 3.2 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: BF100199.D

Acq: 5 Nov 2017 00:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 349202

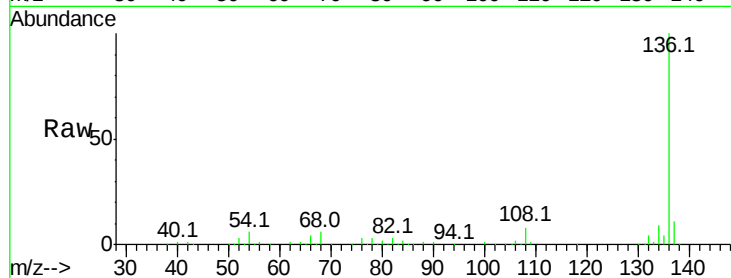
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

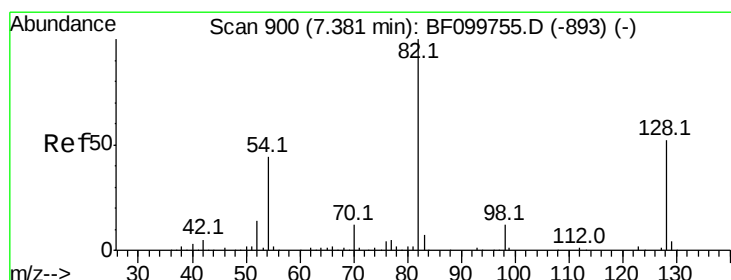
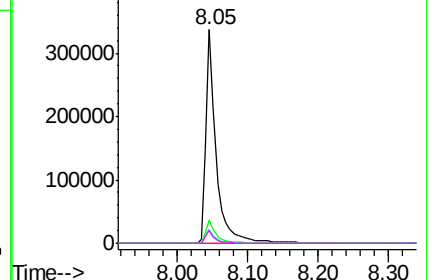
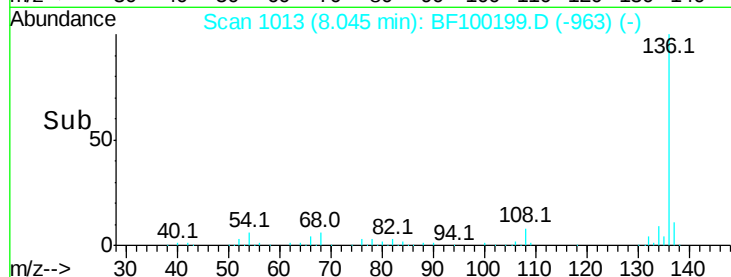


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.840 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

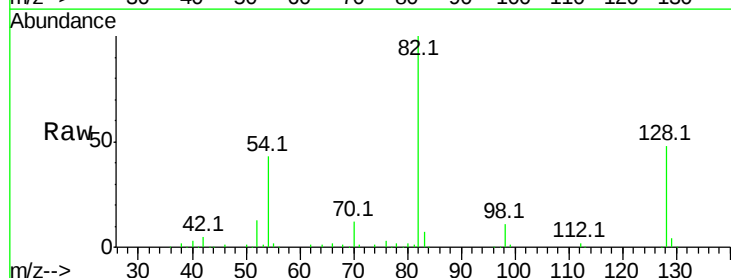
Tgt Ion: 82 Resp: 319149

Ion Ratio Lower Upper

82 100

128 48.2 36.1 54.1

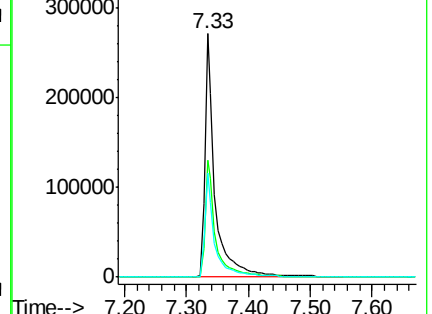
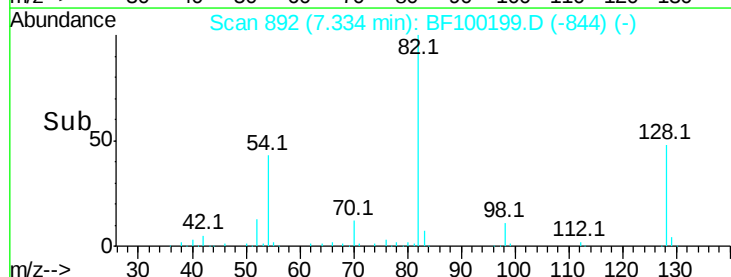
54 42.8 41.4 62.2

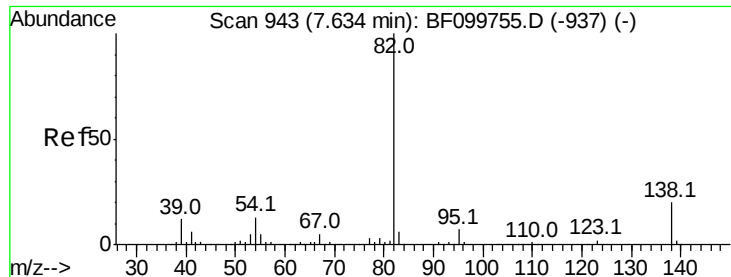


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.426 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

Instrument :

BNA_F

ClientSampleId :

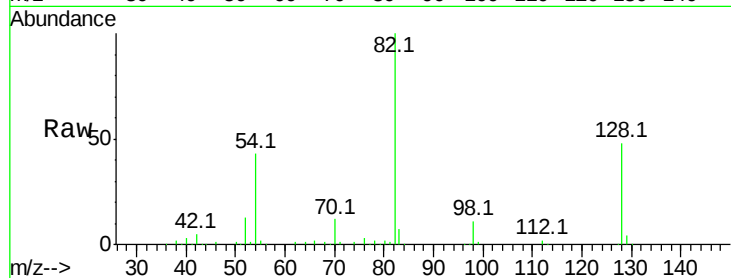
Tot Ion: 82 Resp: 319149

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

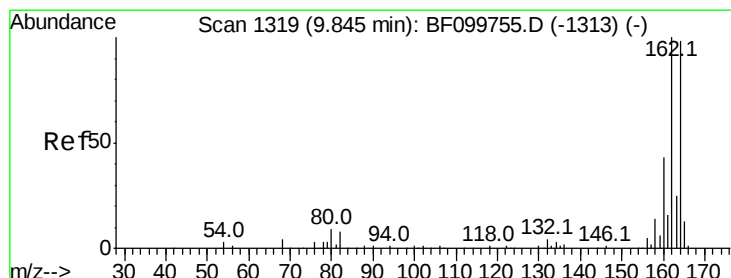
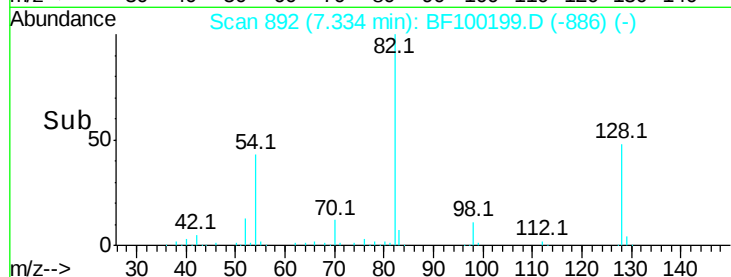
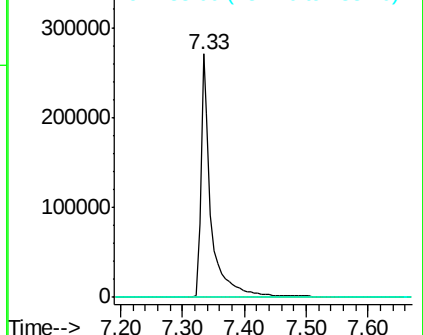
138 0.0 14.9 22.3#



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# 1311

Delta R.T. -0.01 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

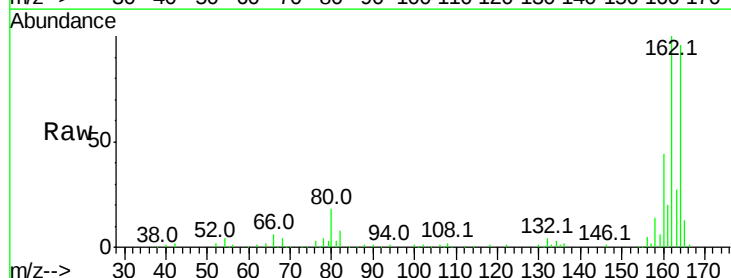
Tgt Ion:164 Resp: 170143

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

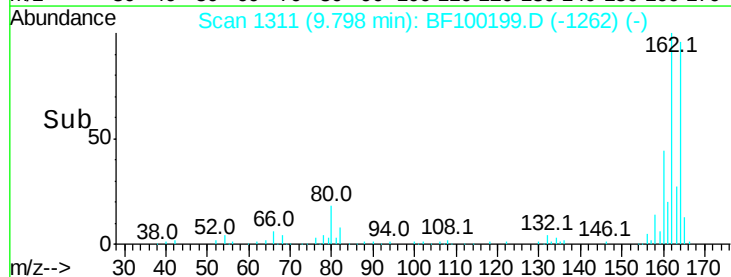
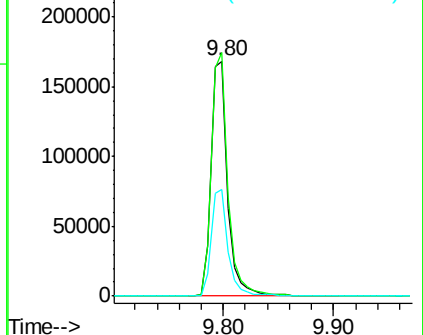
160 45.2 38.3 57.5

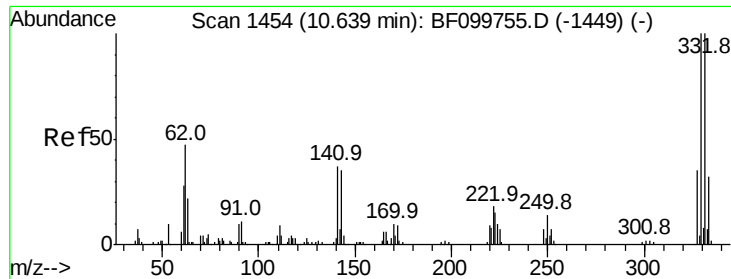


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

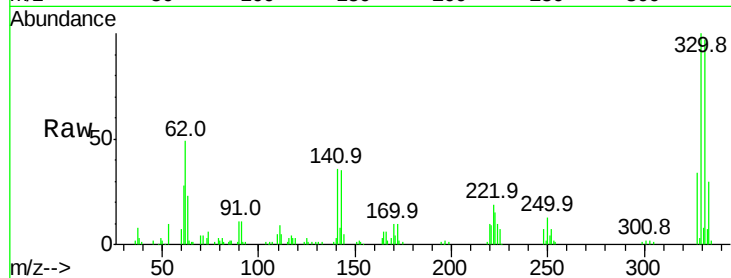




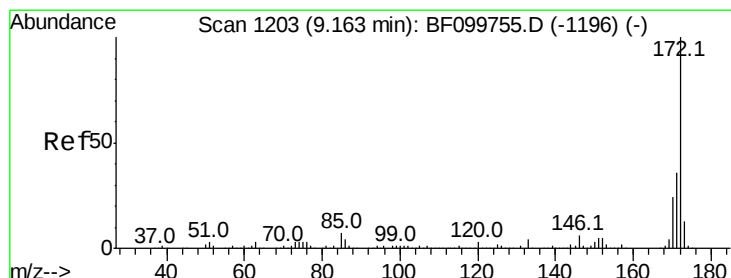
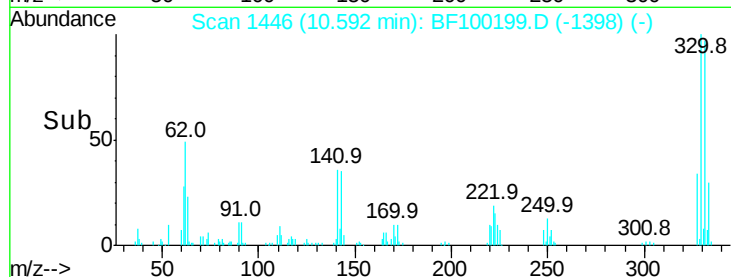
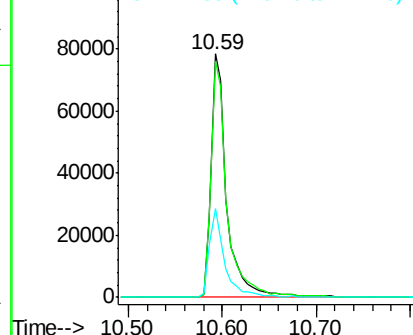
#41
 2,4,6-Tribromophenol
 Concen: 58.971 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100199.D
 Acq: 5 Nov 2017 00:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 91437
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 35.1 29.9 44.9

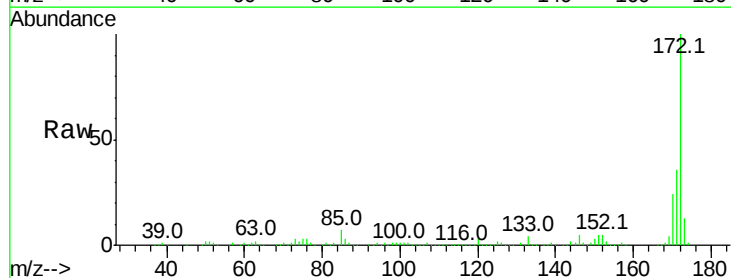


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

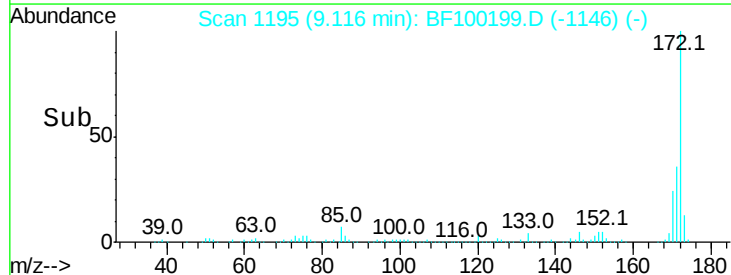
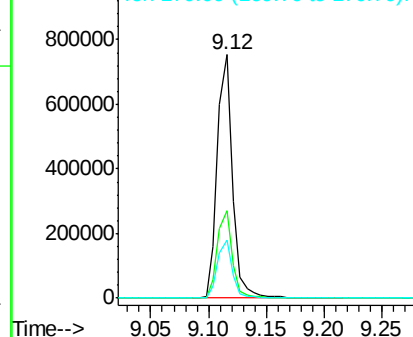


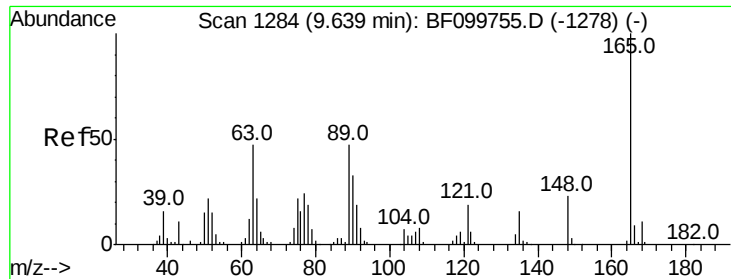
#44
 2-Fluorobiphenyl
 Concen: 62.916 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100199.D
 Acq: 5 Nov 2017 00:57

Tgt Ion:172 Resp: 693837
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 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

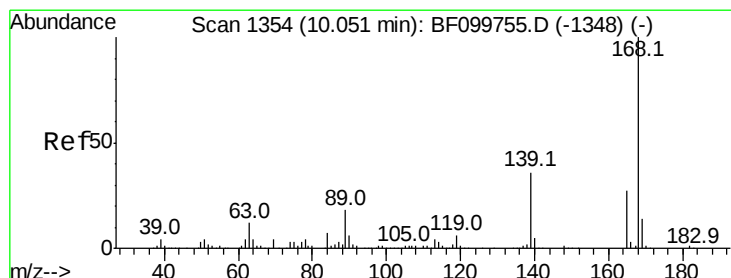
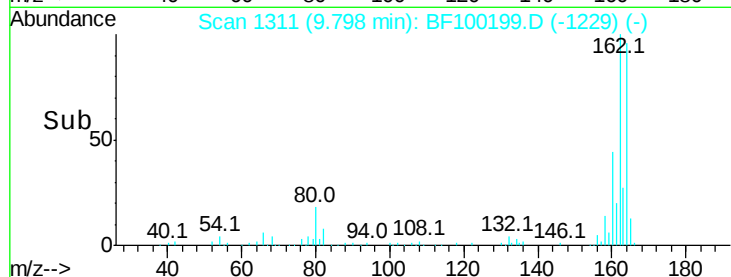
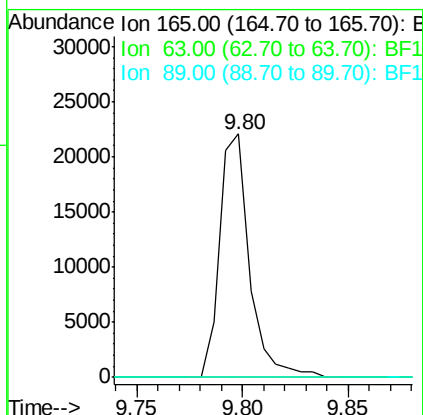
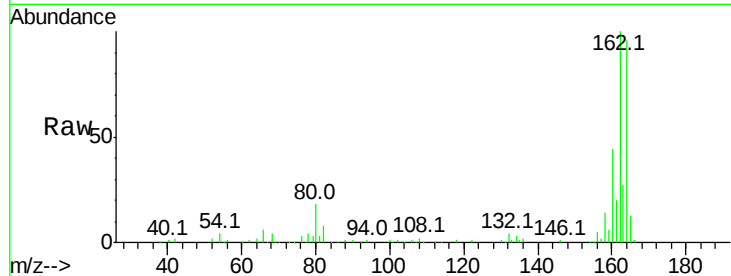




#50
 2,6-Dinitrotoluene
 Concen: 7.608 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100199.D
 Acq: 5 Nov 2017 00:57

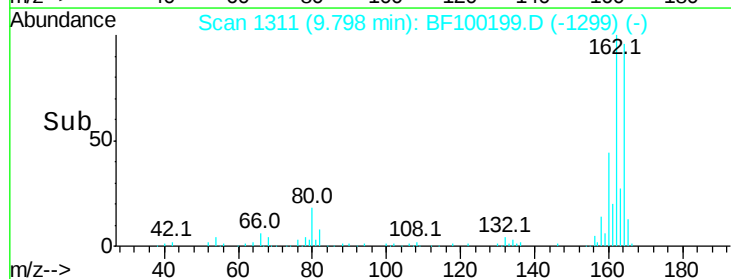
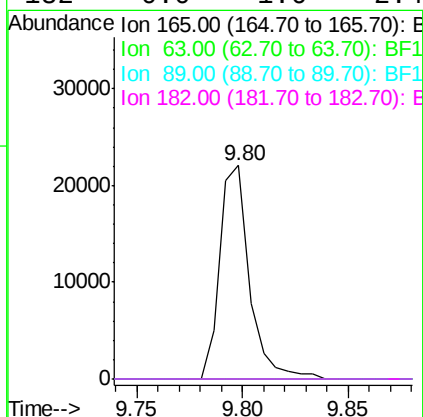
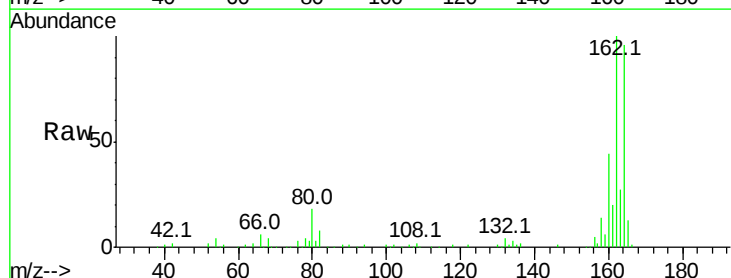
Instrument :
 BNA_F
 ClientSampleId :

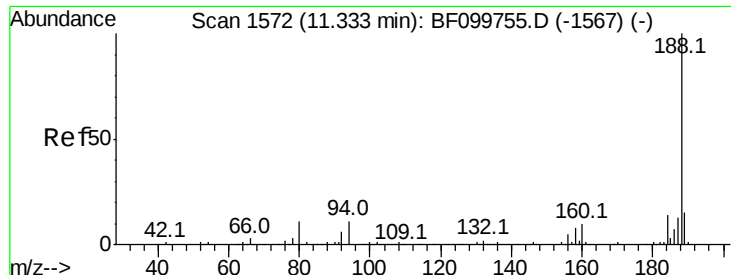
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.318 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100199.D
 Acq: 5 Nov 2017 00:57

Tgt 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#

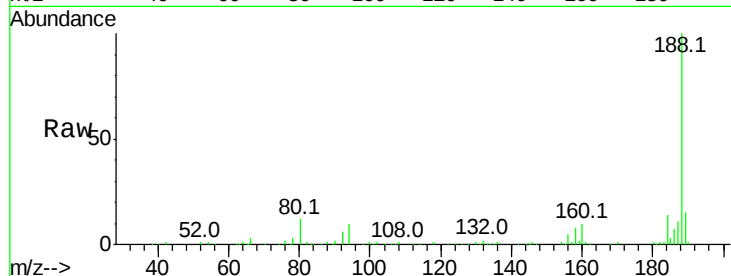




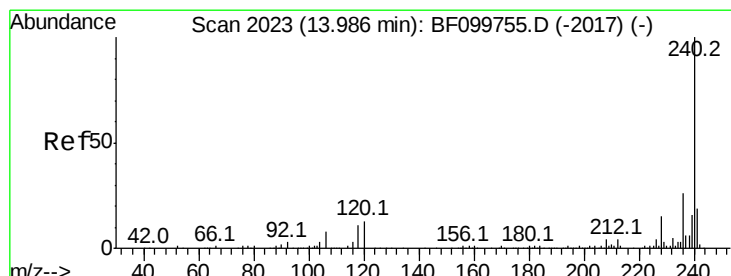
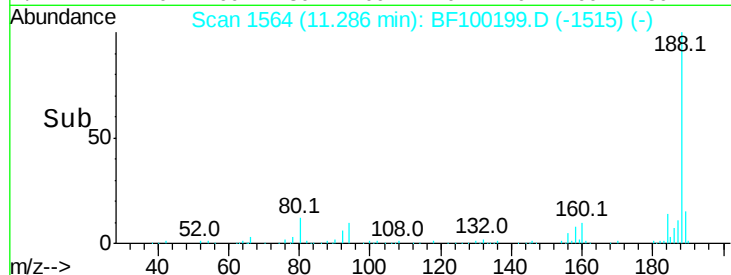
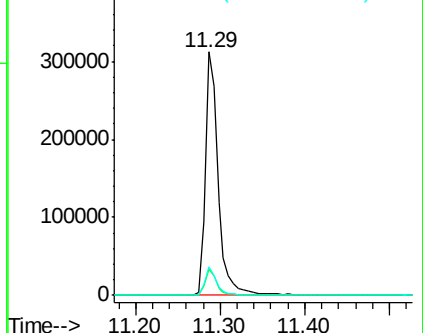
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 327304
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.7 9.2 13.8

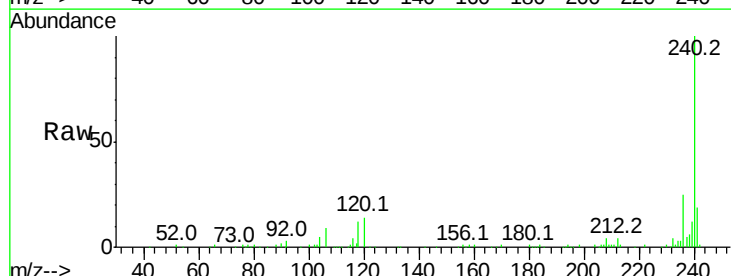


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

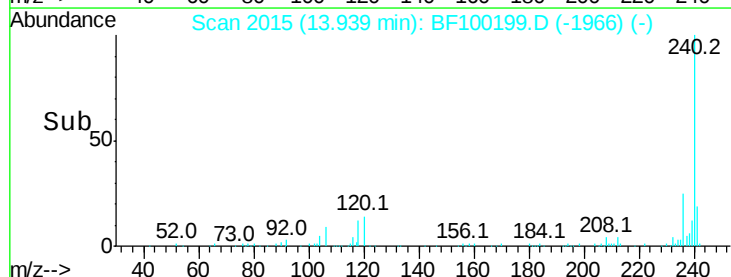
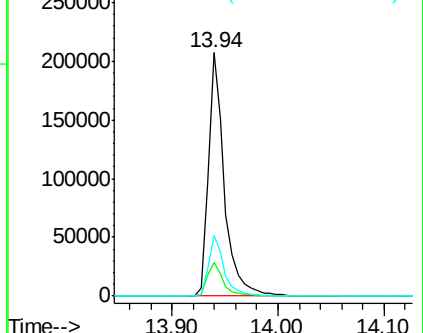


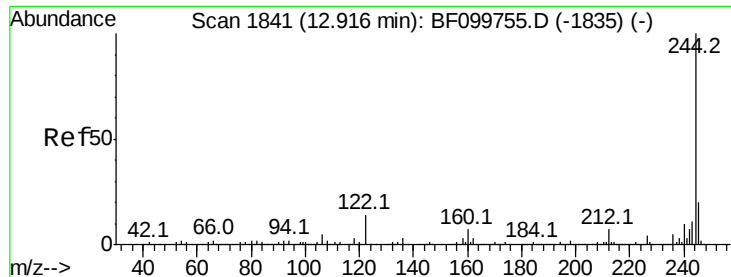
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100199.D
Acq: 5 Nov 2017 00:57

Tgt Ion:240 Resp: 217833
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.1 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: 70.372 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

Instrument :

BNA_F

ClientSampled :

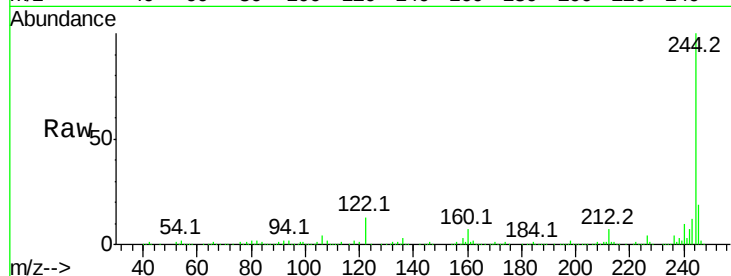
Tot Ion:244 Resp: 701455

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

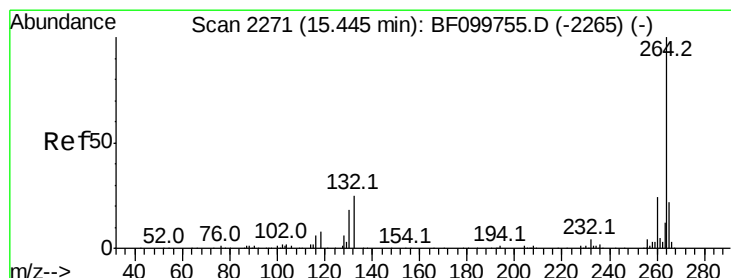
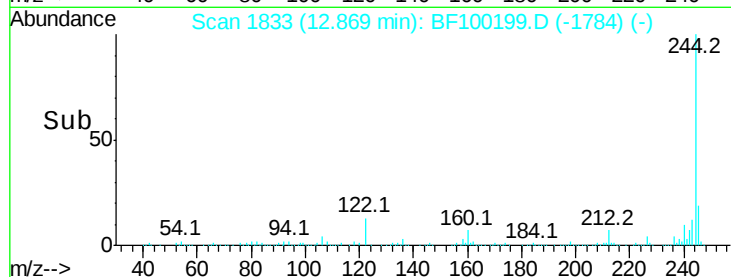
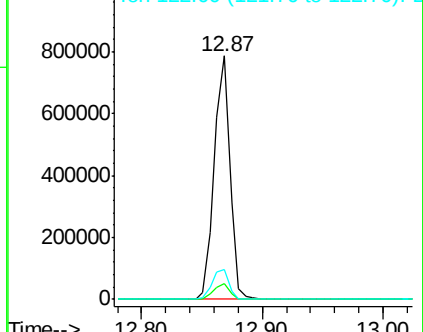
122 12.5 11.0 16.4



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# 2263

Delta R.T. -0.01 min

Lab File: BF100199.D

Acq: 5 Nov 2017 00:57

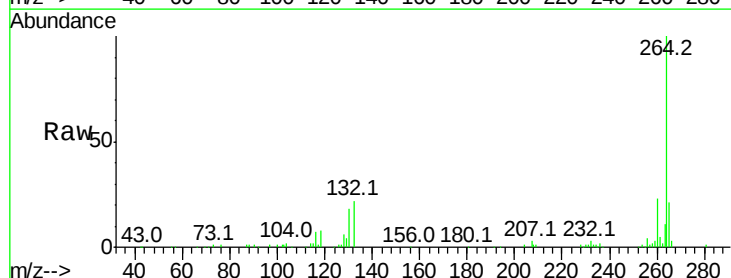
Tgt Ion:264 Resp: 151800

Ion Ratio Lower Upper

264 100

260 22.9 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

