

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100262.D
 Acq On : 6 Nov 2017 20:27
 Operator : SJ/JU
 Sample : PB104022BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:19:38 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

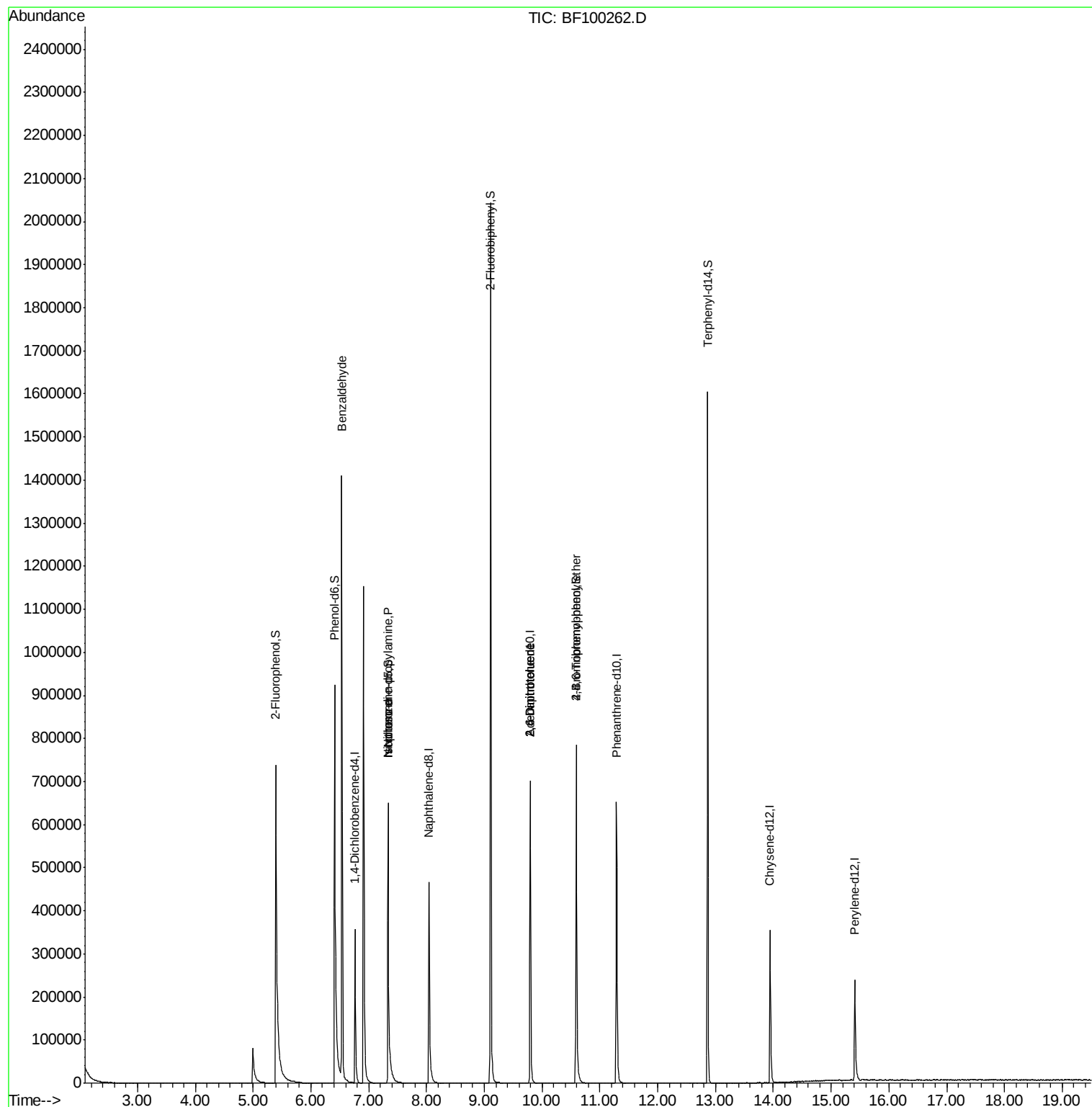
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	80038	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	336084	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	161435	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	286685	20.00	ng	0.00
75) Chrysene-d12	13.94	240	147141	20.00	ng	0.00
86) Perylene-d12	15.41	264	140676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	478659	93.89	ng	0.01
7) Phenol-d6	6.41	99	580960	96.11	ng	0.00
23) Nitrobenzene-d5	7.33	82	314923	60.33	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	123659	84.05	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	695377	66.46	ng	0.00
78) Terphenyl-d14	12.87	244	561271	83.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	8087	2.239	ng	88
19) n-Nitroso-di-n-propylamine	7.33	70	37630	10.623	ng	# 73
25) Isophorone	7.33	82	314920	33.245	ng	# 64
50) 2,6-Dinitrotoluene	9.79	165	19982	7.435	ng	# 24
56) 2,4-Dinitrotoluene	9.79	165	19982	6.174	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	8116	2.689	ng	# 1

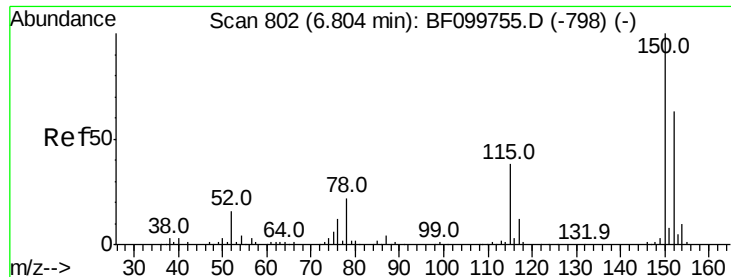
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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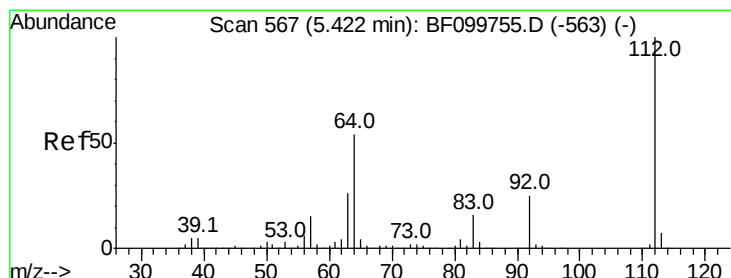
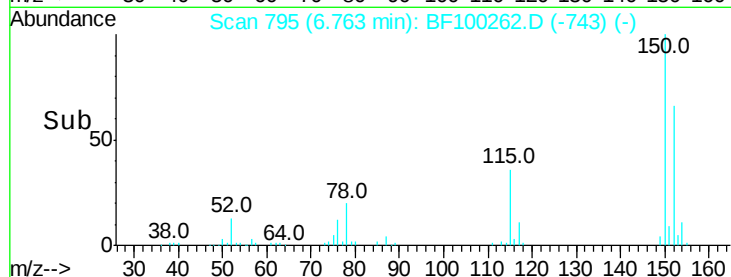
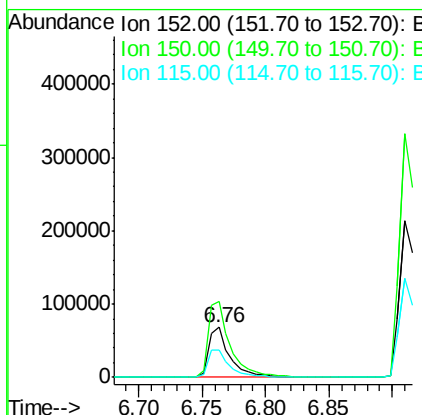
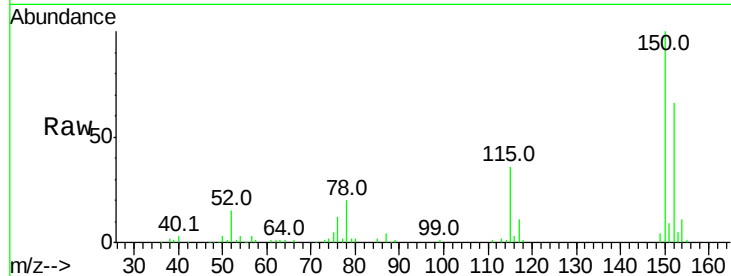


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

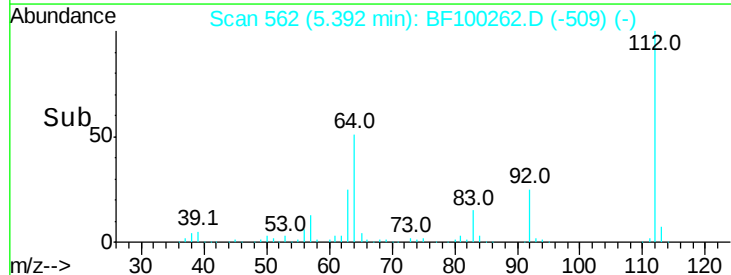
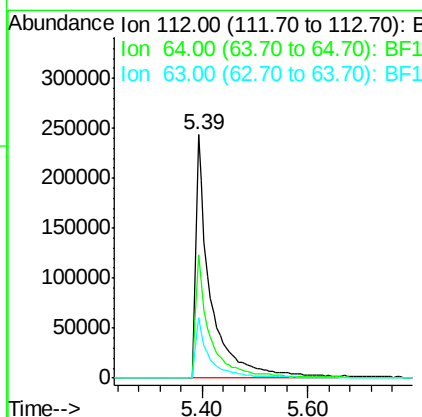
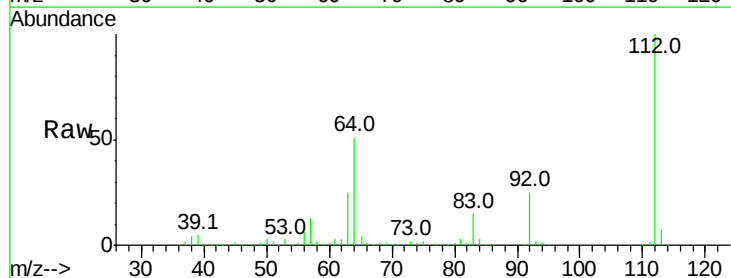
Tot Ion:152 Resp: 80038
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 54.8 50.1 75.1



#5

2-Fluorophenol
Concen: 93.890 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:112 Resp: 478659
Ion Ratio Lower Upper
112 100
64 50.7 47.9 71.9
63 24.8 23.7 35.5





#7

Phenol-d6

Concen: 96.108 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

Instrument :

BNA_F

ClientSampled :

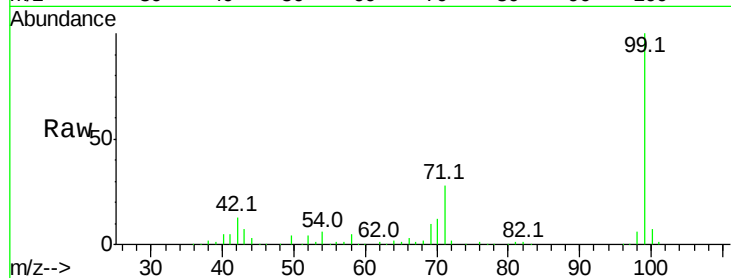
Tot Ion: 99 Resp: 580960

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

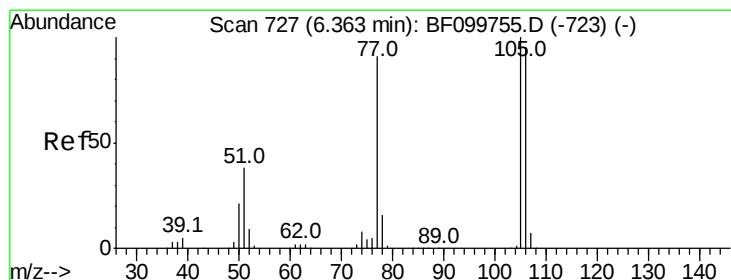
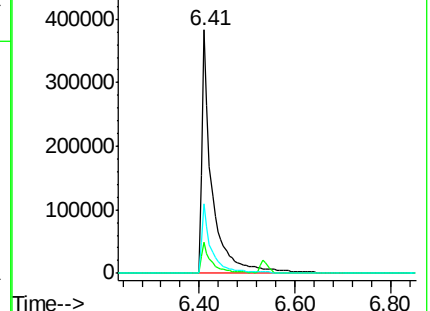
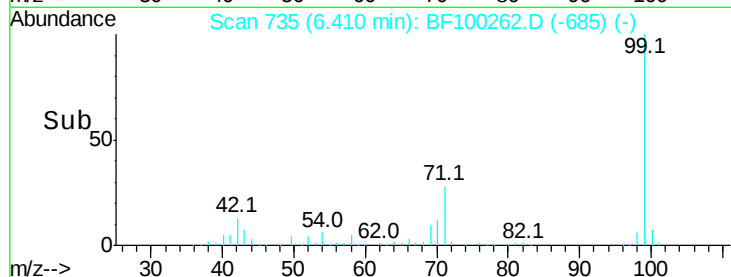
71 28.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.239 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

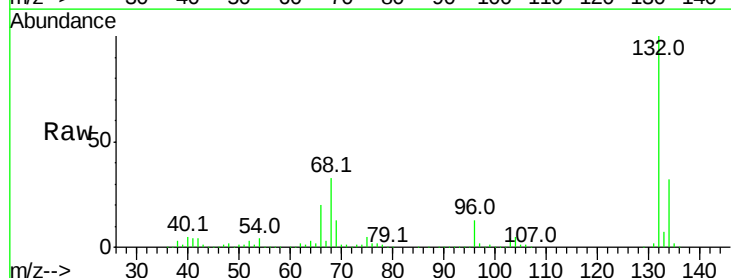
Tgt Ion: 77 Resp: 8087

Ion Ratio Lower Upper

77 100

105 85.5 81.1 121.1

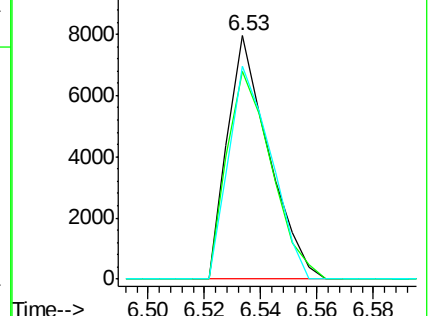
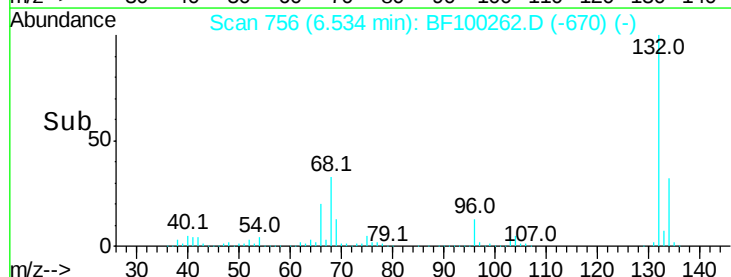
106 87.2 74.5 114.5

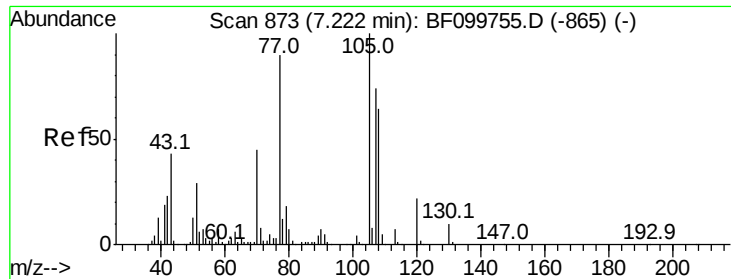


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 10.623 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 37630

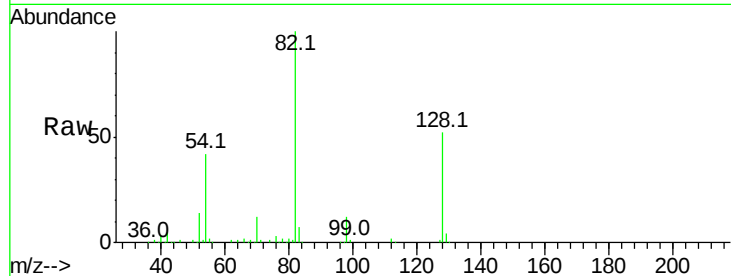
Ion Ratio Lower Upper

70 100

42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

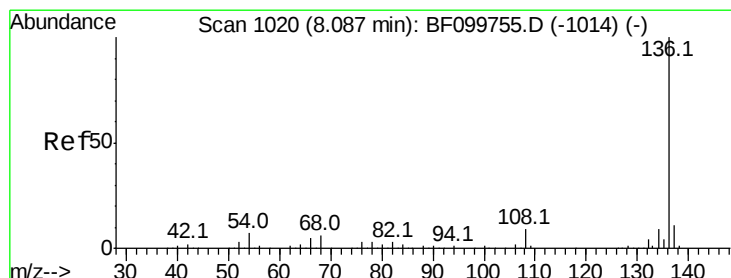
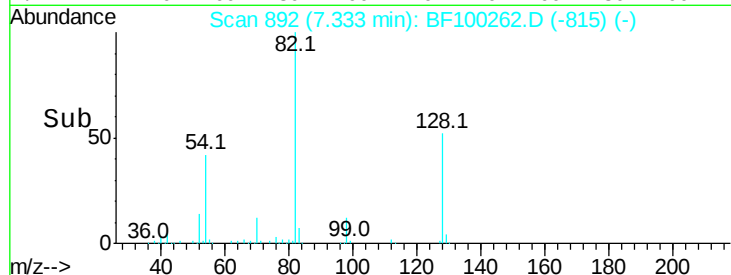
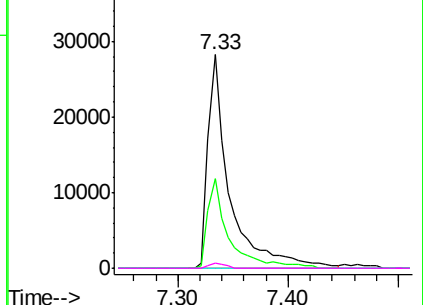


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100262.D

Acq: 6 Nov 2017 20:27

Tgt Ion: 136 Resp: 336084

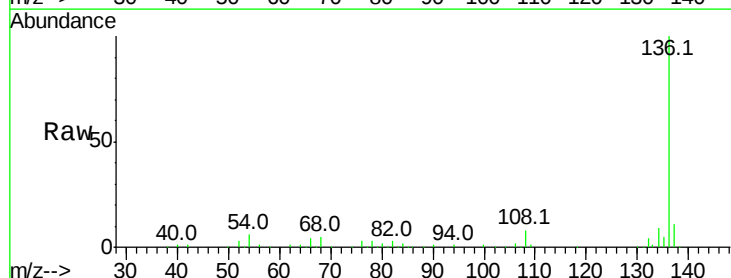
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.8 6.6 9.8#

68 4.9 5.0 7.4#

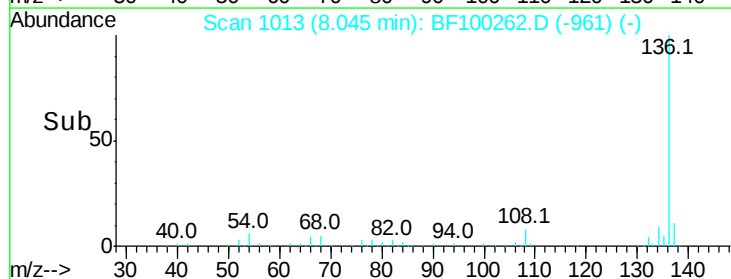
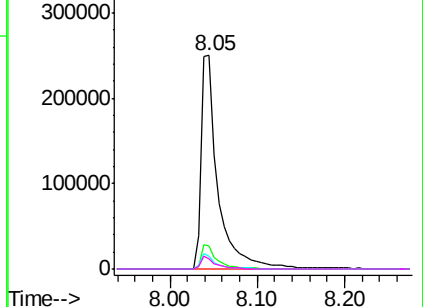


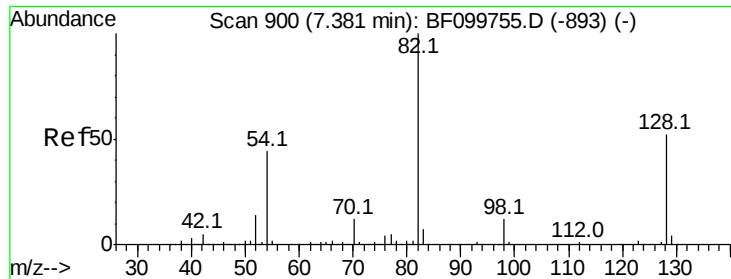
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

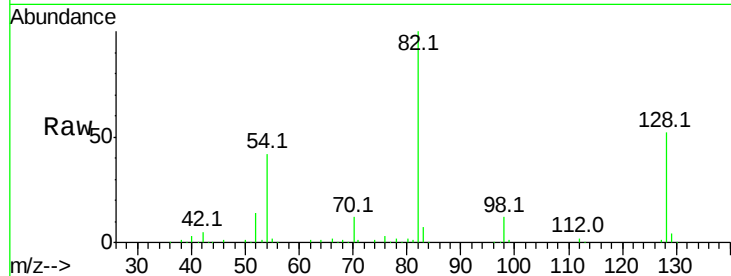




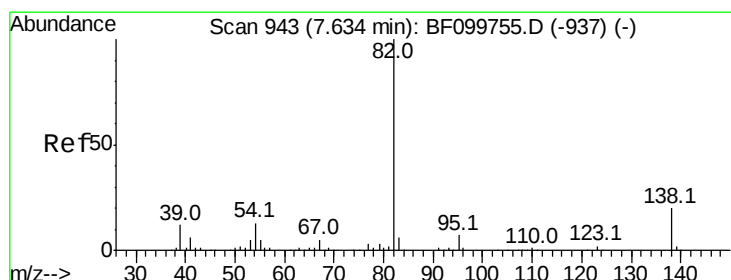
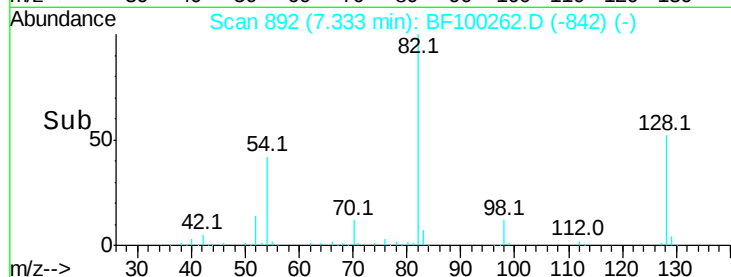
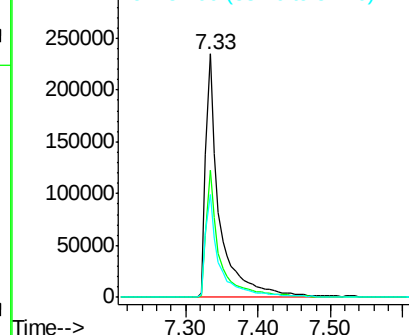
#23
Nitrobenzene-d5
Concen: 60.327 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 314923
Ion Ratio Lower Upper
82 100
128 52.0 36.1 54.1
54 42.1 41.4 62.2

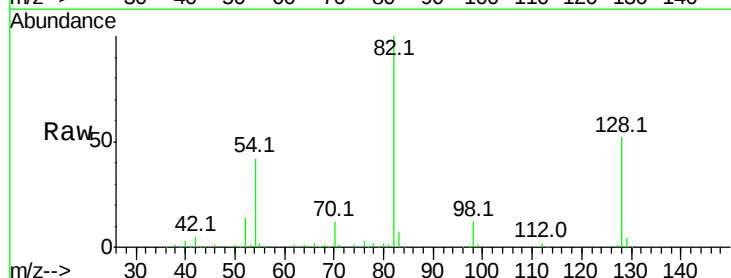


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

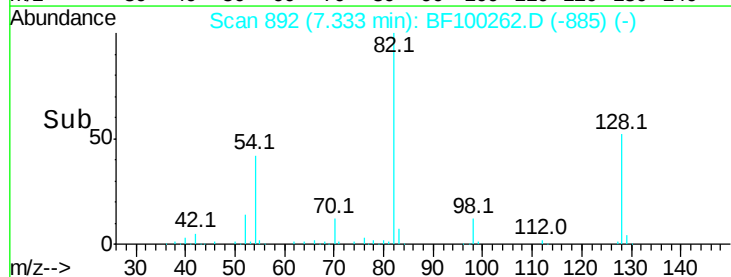
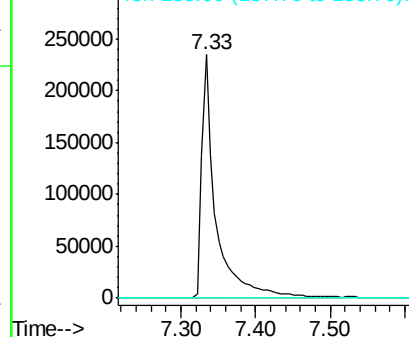


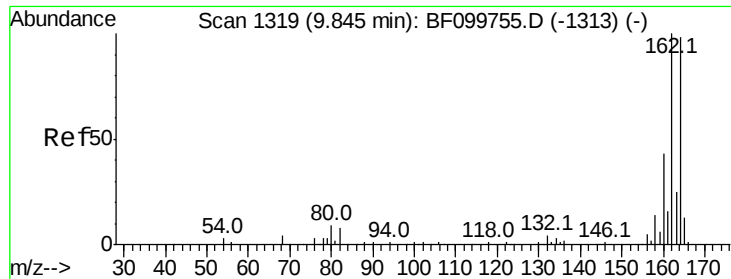
#25
Isophorone
Concen: 33.245 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion: 82 Resp: 314920
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

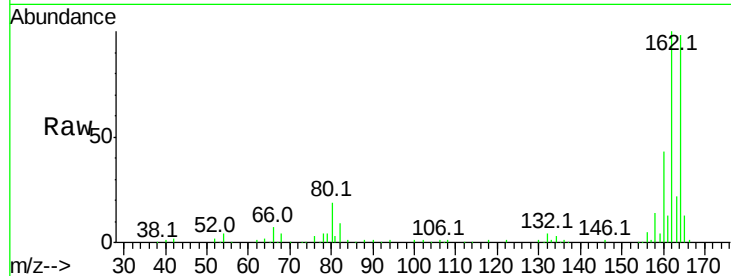




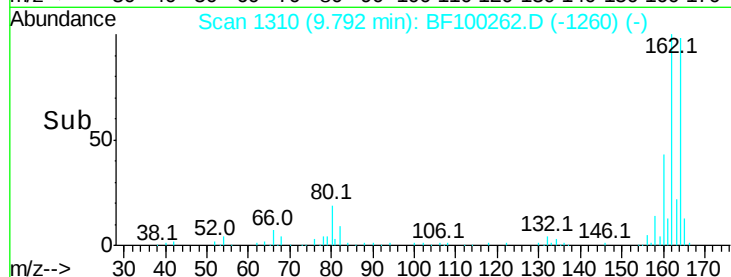
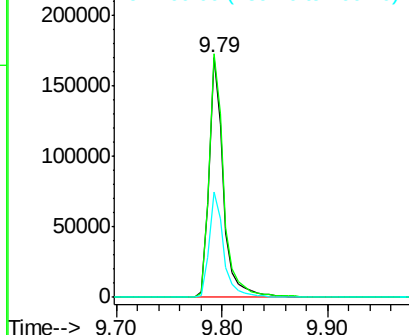
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 161435
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 43.9 38.3 57.5

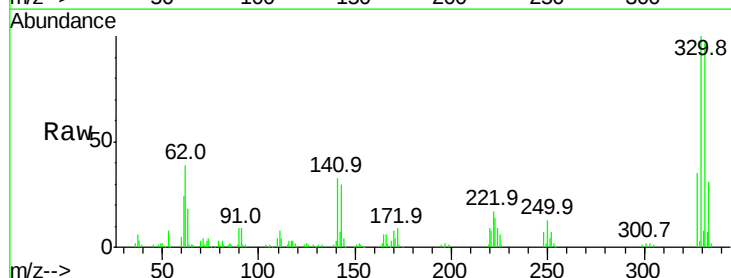


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

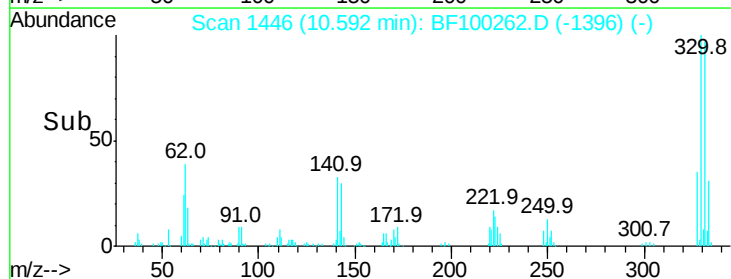
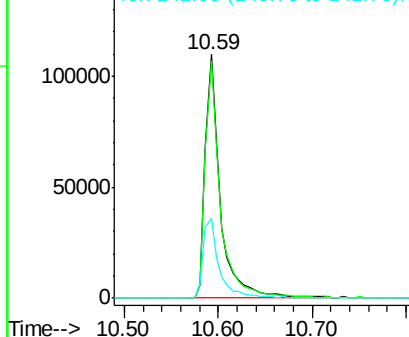


#41
2,4,6-Tribromophenol
Concen: 84.054 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100262.D
Acq: 6 Nov 2017 20:27

Tgt Ion:330 Resp: 123659
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 35.0 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

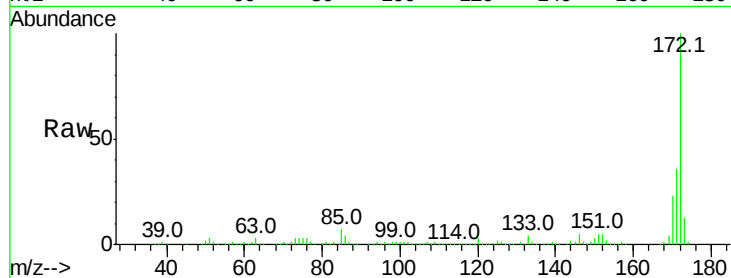




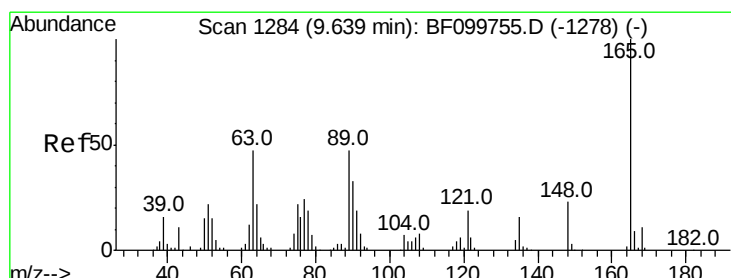
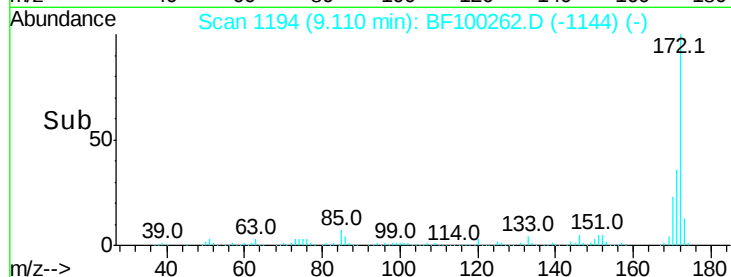
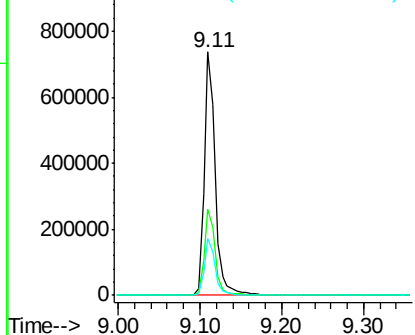
#44
 2-Fluorobiphenyl
 Concen: 66.457 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100262.D
 Acq: 6 Nov 2017 20:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4

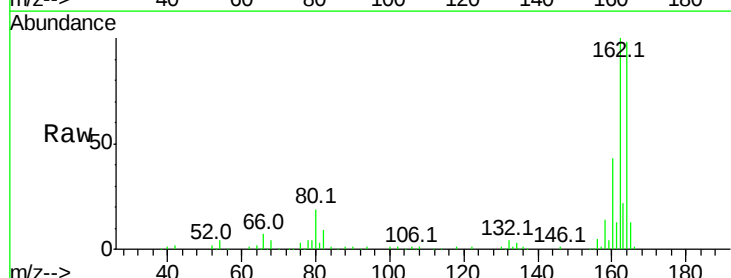


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

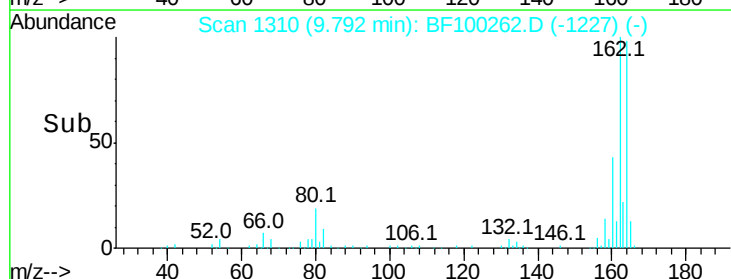
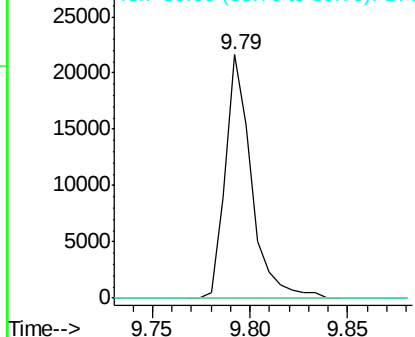


#50
 2,6-Dinitrotoluene
 Concen: 7.435 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.19 min
 Lab File: BF100262.D
 Acq: 6 Nov 2017 20:27

Tgt 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

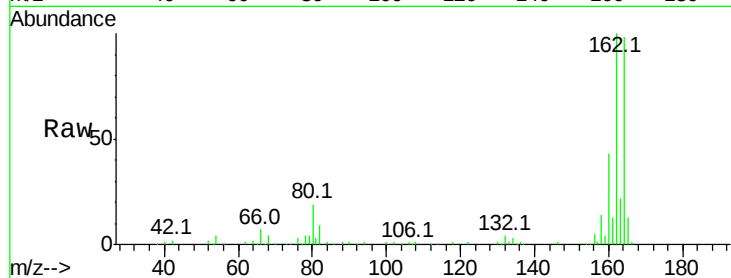




#56
 2,4-Dinitrotoluene
 Concen: 6.174 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100262.D
 Acq: 6 Nov 2017 20:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	19982
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#

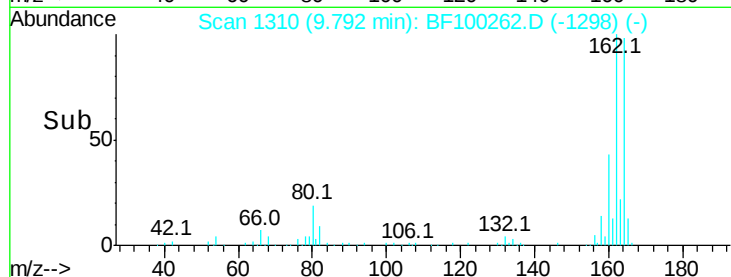
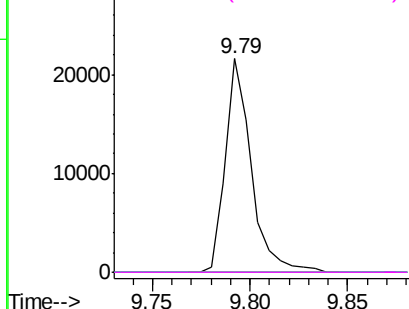


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

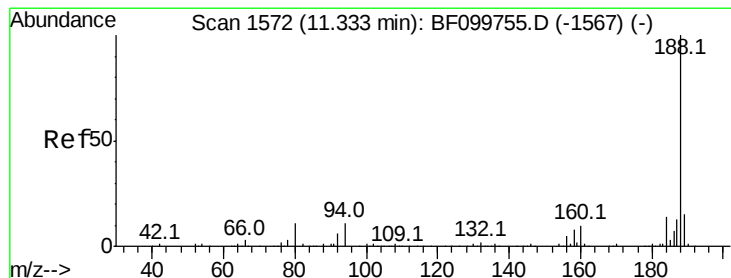
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100262.D
 Acq: 6 Nov 2017 20:27

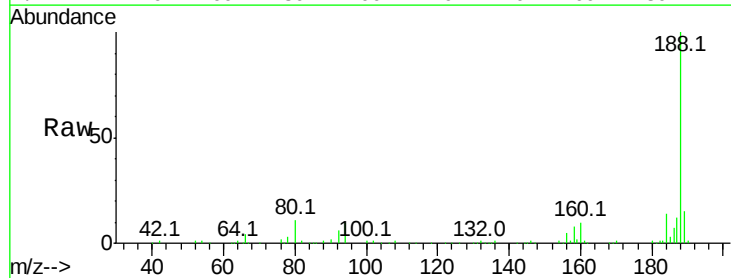
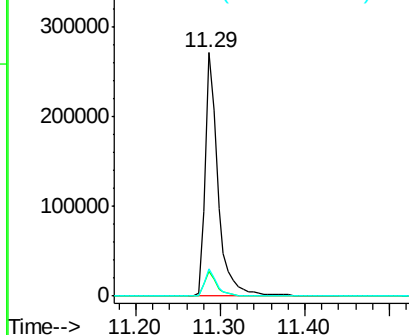
Tgt Ion:	188	Resp:	286685
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.1	9.2	13.8



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

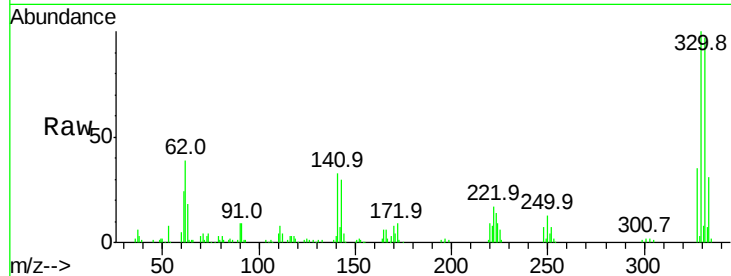




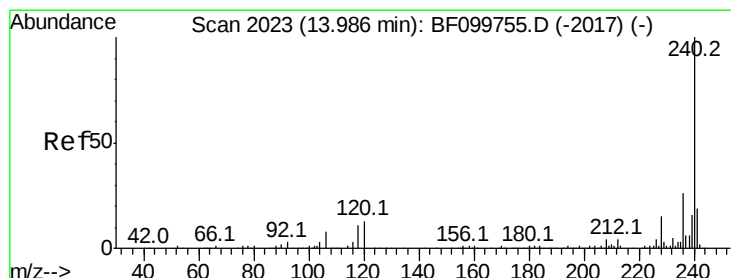
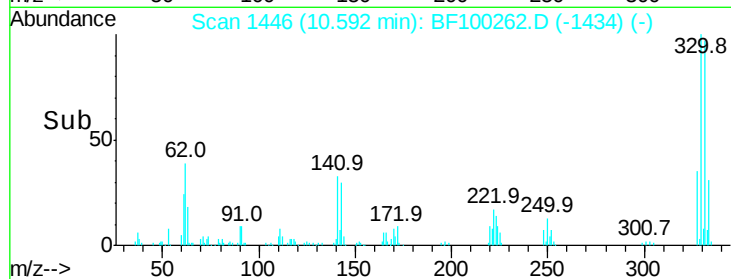
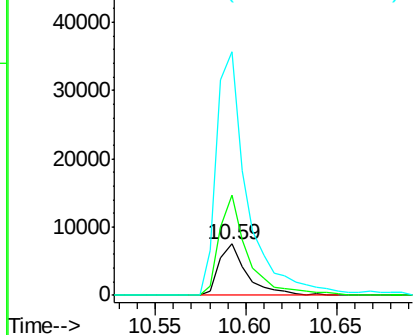
#66
 4-Bromophenyl-phenylether
 Concen: 2.689 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.23 min
 Lab File: BF100262.D
 Acq: 6 Nov 2017 20:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 8116
 Ion Ratio Lower Upper
 248 100
 250 196.1 76.9 115.3#
 141 476.0 74.4 111.6#

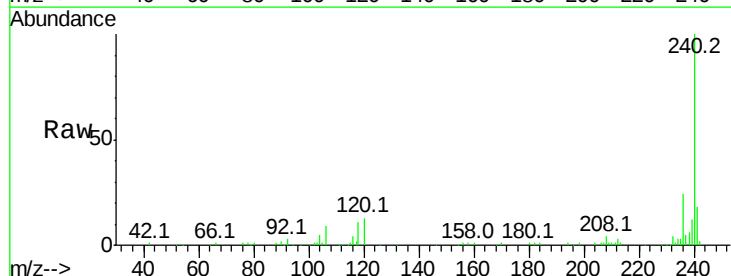


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

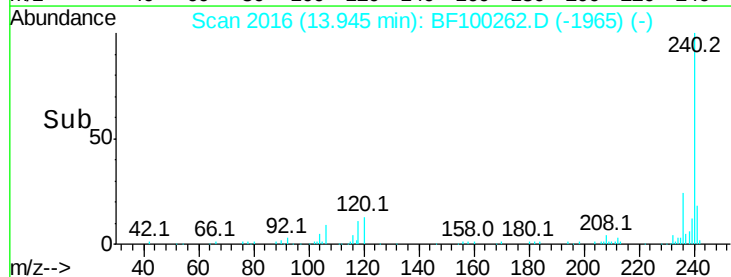
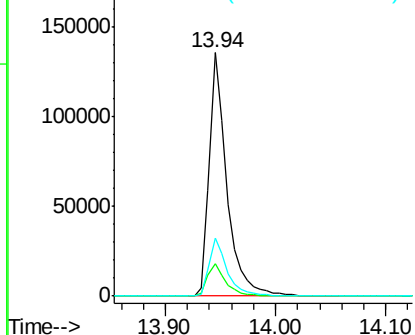


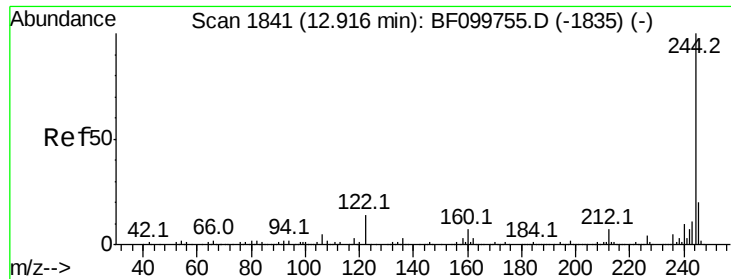
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF100262.D
 Acq: 6 Nov 2017 20:27

Tgt Ion:240 Resp: 147141
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 23.6 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: 83.361 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

Instrument :

BNA_F

ClientSampleId :

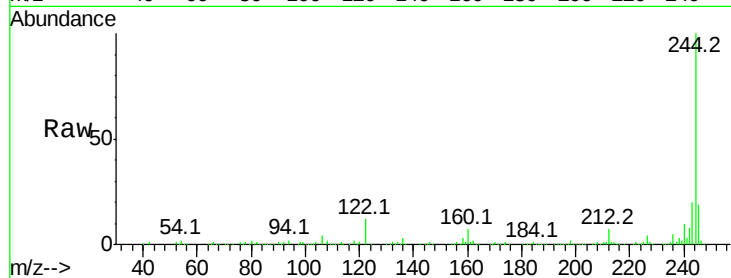
Tot Ion:244 Resp: 561271

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.9 11.0 16.4

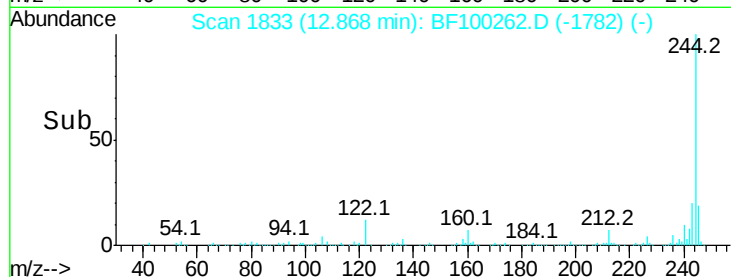


Abundance Ion 244.00 (243.70 to 244.70): E

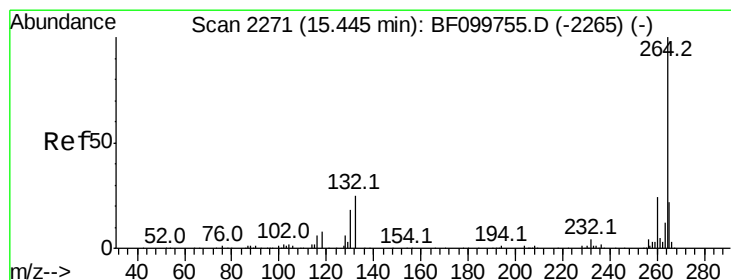
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.87



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF100262.D

Acq: 6 Nov 2017 20:27

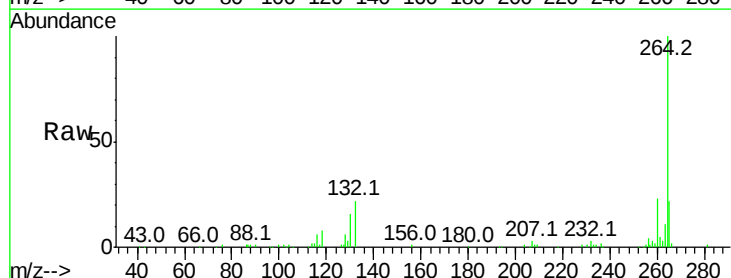
Tgt Ion:264 Resp: 140676

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.9 17.5 26.3

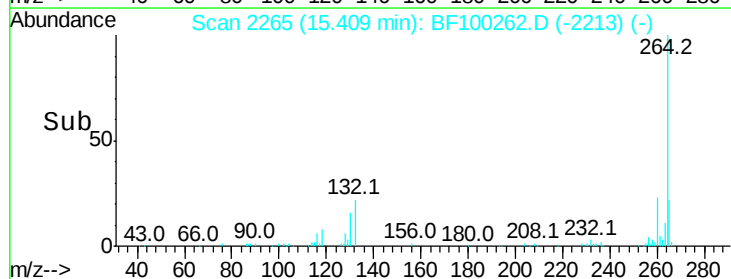


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.41



Time-->