

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100250.D
 Acq On : 6 Nov 2017 14:28
 Operator : SJ/JU
 Sample : PB103849BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:14:43 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

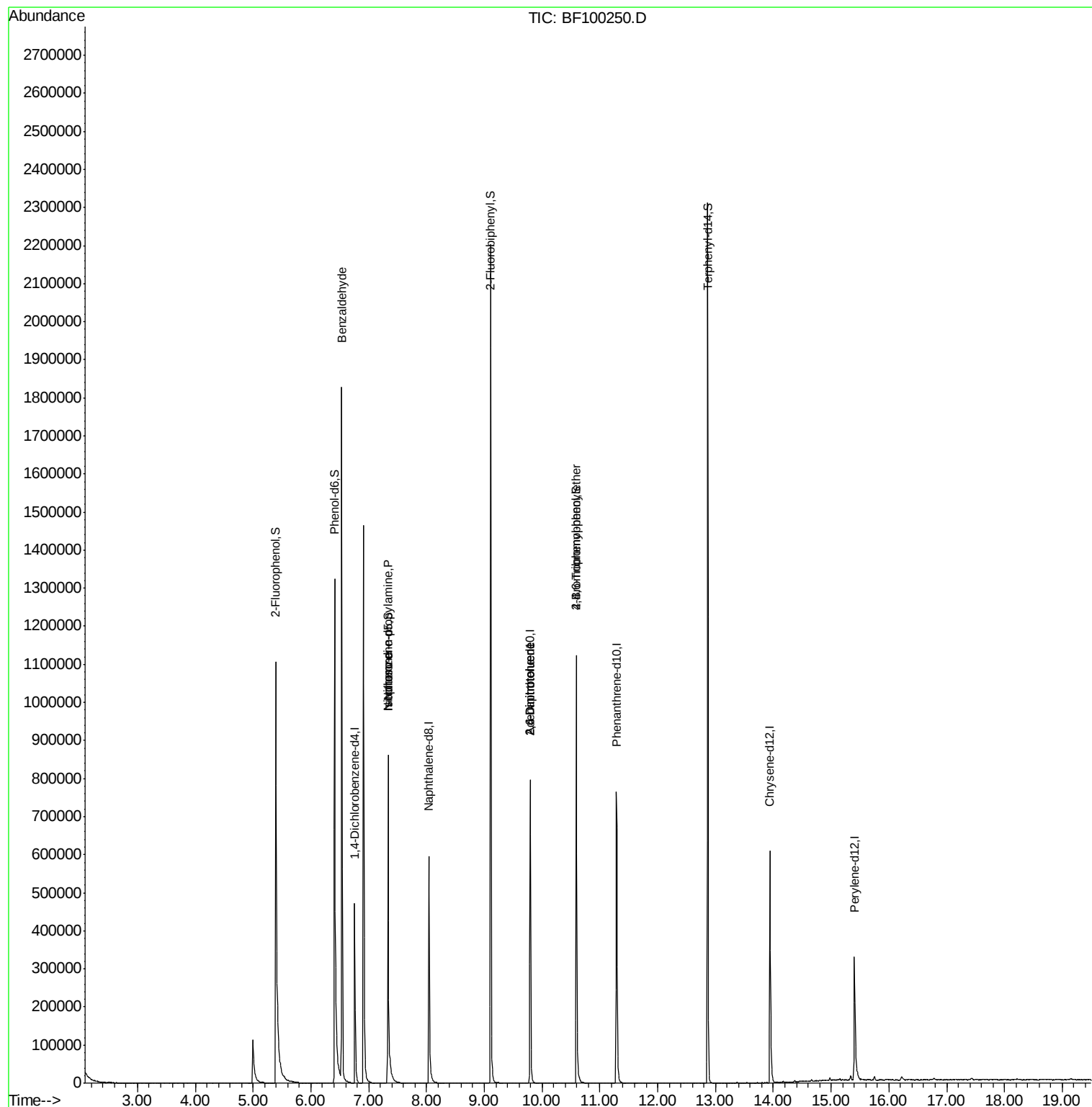
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	91893	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	379866	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	178789	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	345909	20.00	ng	0.00
75) Chrysene-d12	13.94	240	272329	20.00	ng	0.00
86) Perylene-d12	15.40	264	201760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	586016	100.12	ng	0.01
7) Phenol-d6	6.41	99	697989	100.57	ng	0.00
23) Nitrobenzene-d5	7.33	82	383220	64.95	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	160817	98.70	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	810401	69.93	ng	0.00
78) Terphenyl-d14	12.87	244	774230	62.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	10573	2.549	ng	88
19) n-Nitroso-di-n-propylamine	7.33	70	45886	11.282	ng	# 71
25) Isophorone	7.33	82	383220	35.793	ng	# 64
50) 2,6-Dinitrotoluene	9.79	165	22814	7.665	ng	# 24
56) 2,4-Dinitrotoluene	9.79	165	22814	6.365	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	10658	2.927	ng	# 1

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

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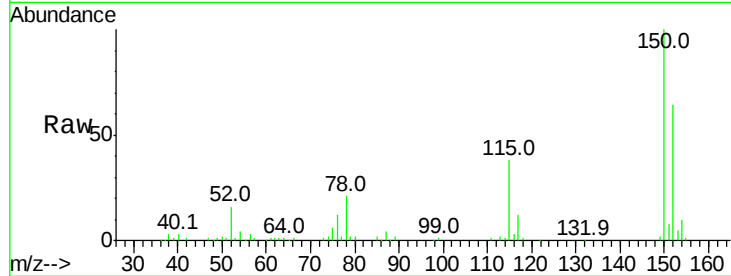


#1

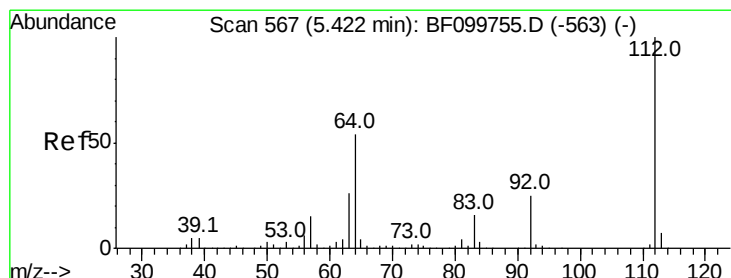
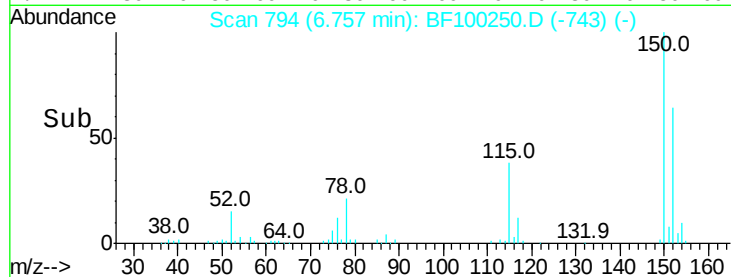
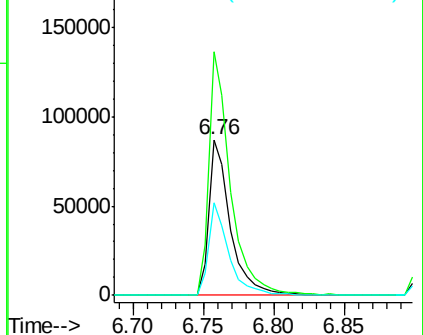
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 91893
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 59.4 50.1 75.1



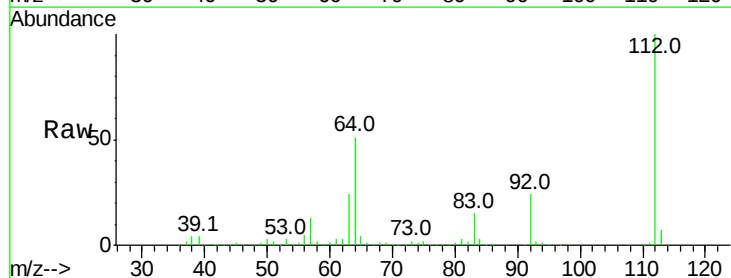
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



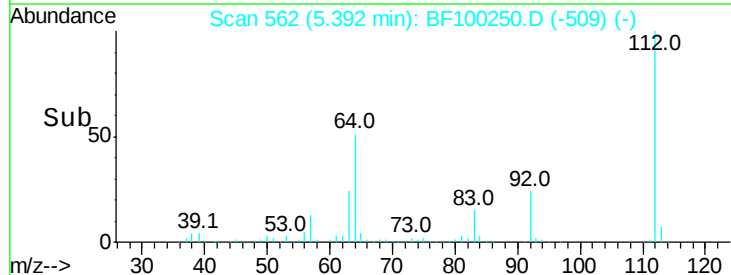
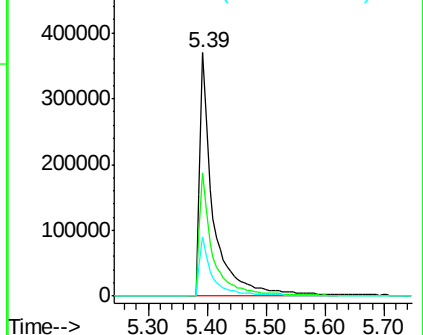
#5

2-Fluorophenol
 Concen: 100.119 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Tgt Ion:112 Resp: 586016
 Ion Ratio Lower Upper
 112 100
 64 50.6 47.9 71.9
 63 24.2 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: 100.571 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

Instrument :

BNA_F

ClientSampleId :

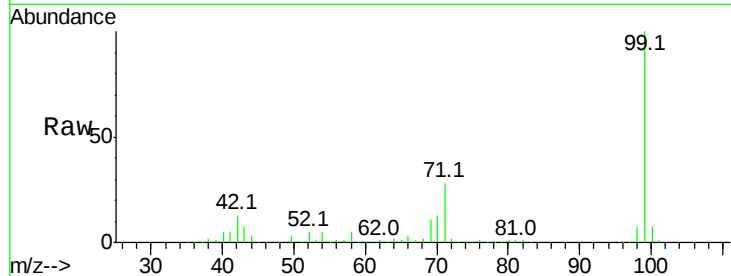
Tot Ion: 99 Resp: 697989

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

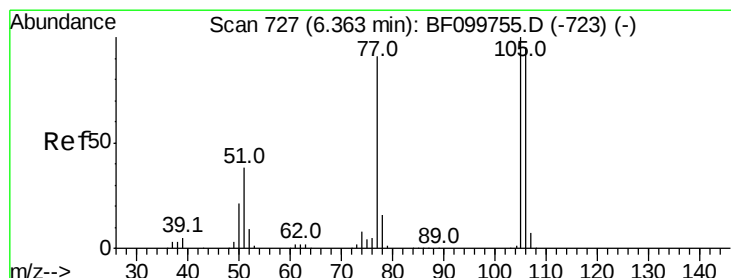
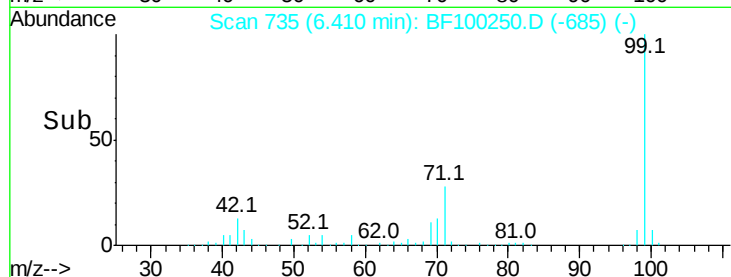
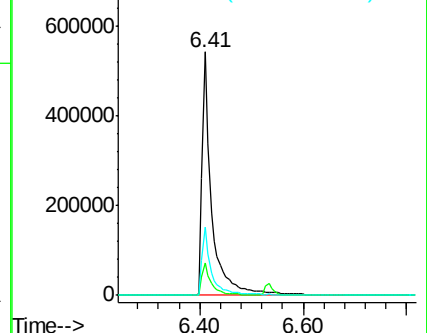
71 28.2 25.4 38.0



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: 2.549 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

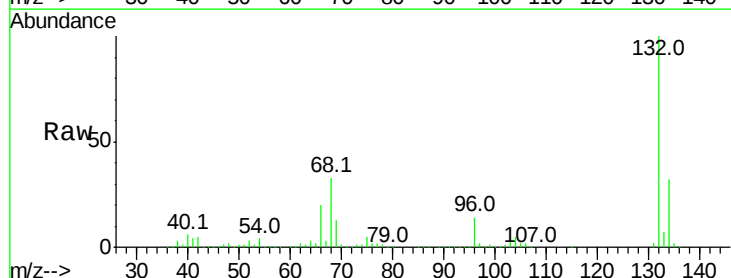
Tgt Ion: 77 Resp: 10573

Ion Ratio Lower Upper

77 100

105 86.7 81.1 121.1

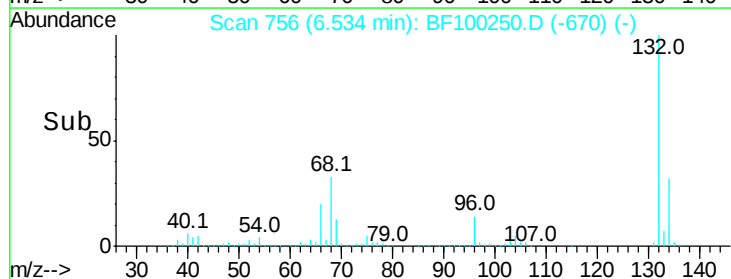
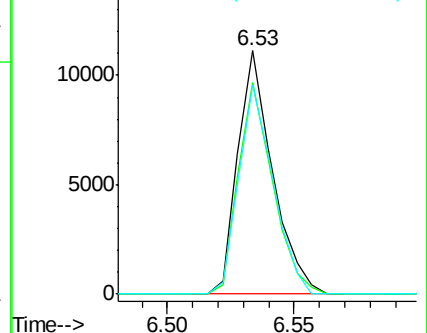
106 86.0 74.5 114.5

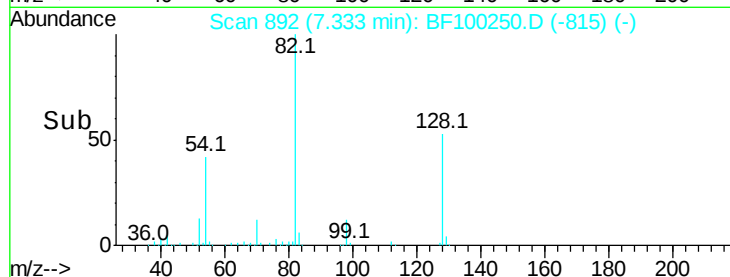
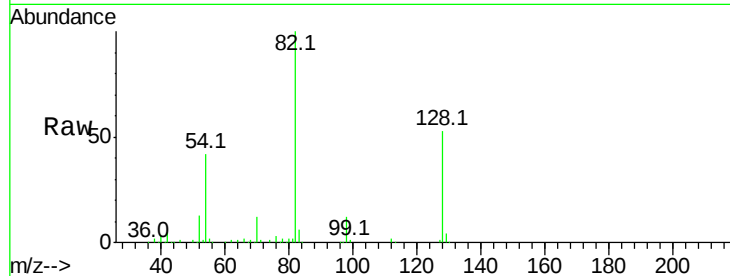
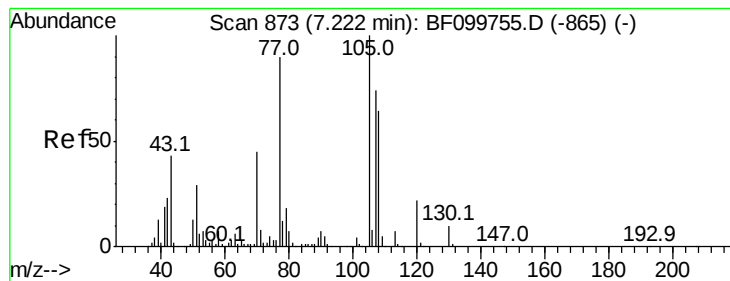


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.282 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.15 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 45886

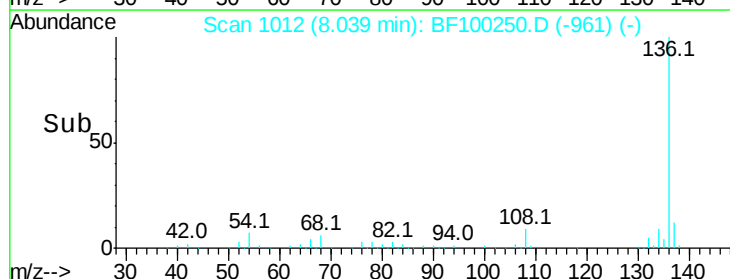
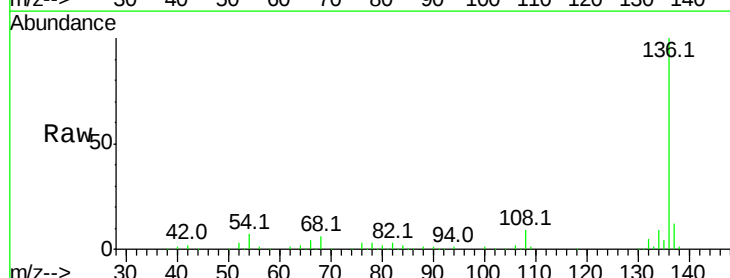
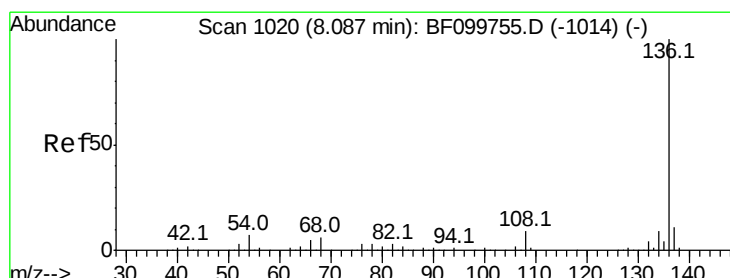
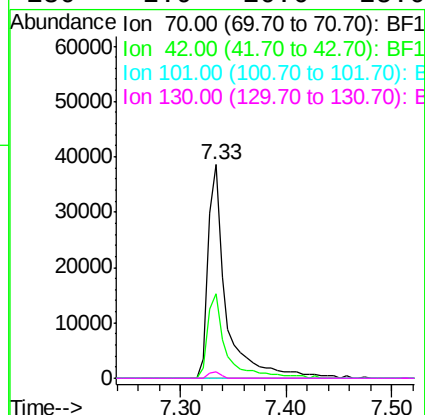
Ion Ratio Lower Upper

70 100

42 39.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

Tgt Ion: 136 Resp: 379866

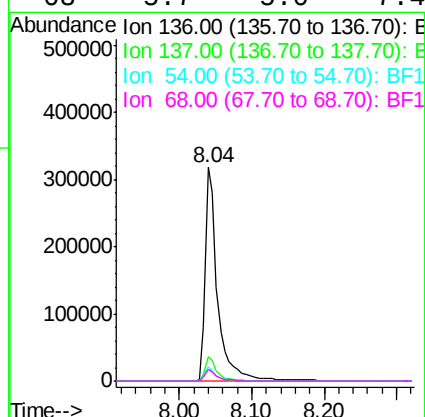
Ion Ratio Lower Upper

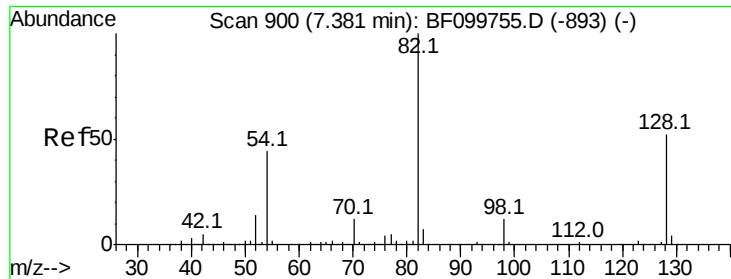
136 100

137 11.5 8.9 13.3

54 6.8 6.6 9.8

68 5.7 5.0 7.4

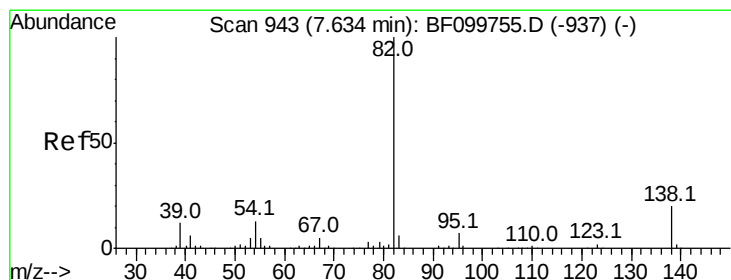
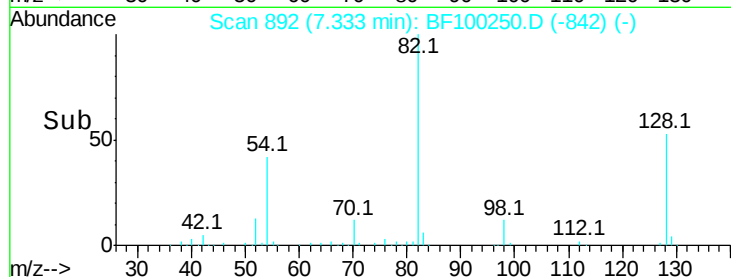
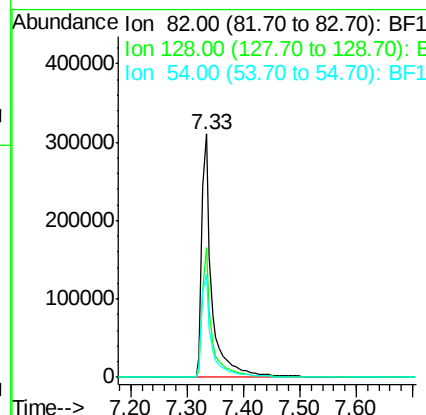
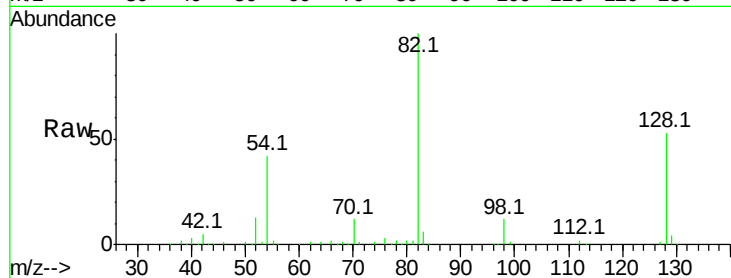




#23
 Nitrobenzene-d5
 Concen: 64.949 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

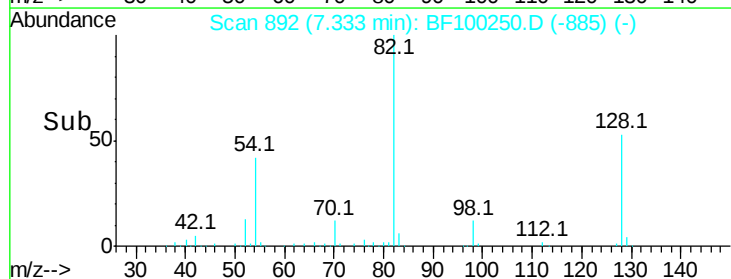
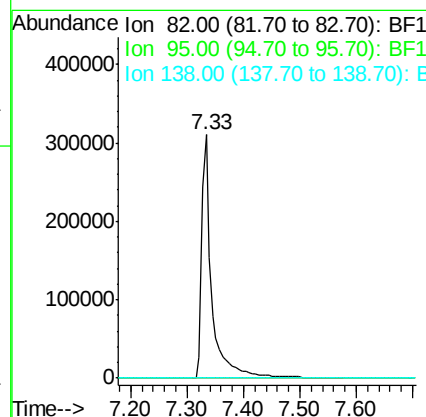
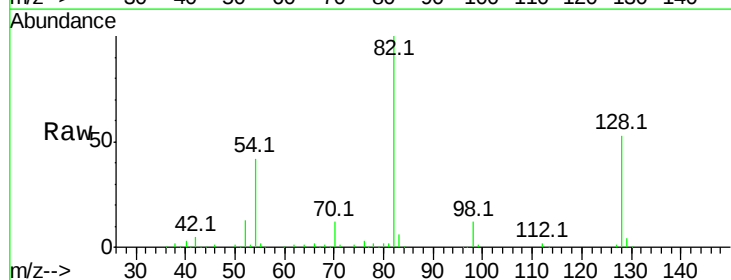
Instrument :
 BNA_F
 ClientSampleId :

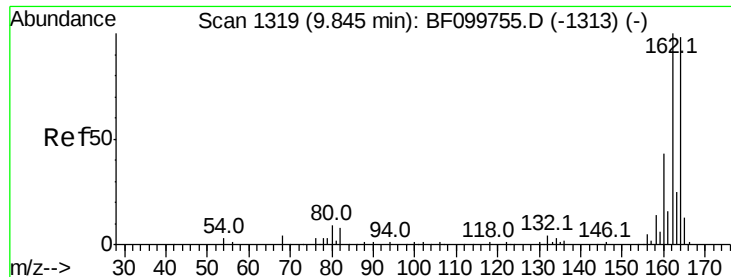
Tot Ion: 82 Resp: 383220
 Ion Ratio Lower Upper
 82 100
 128 53.2 36.1 54.1
 54 42.1 41.4 62.2



#25
 Isophorone
 Concen: 35.793 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Tgt Ion: 82 Resp: 383220
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

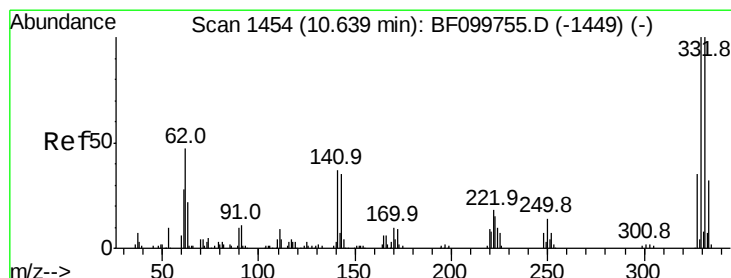
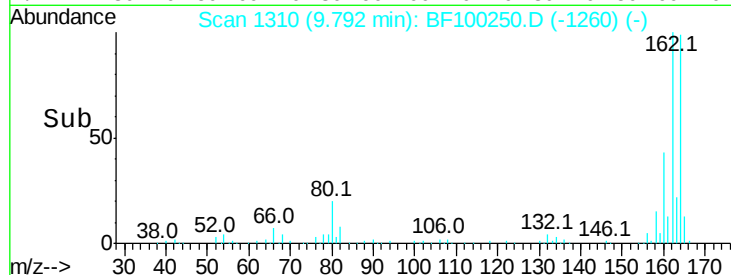
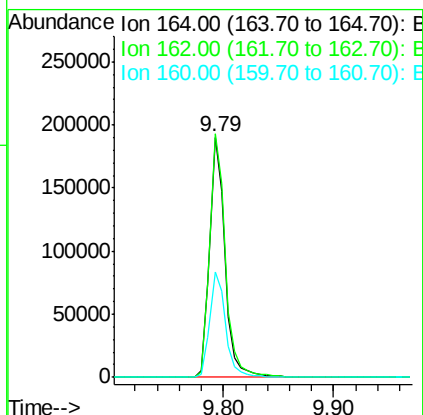
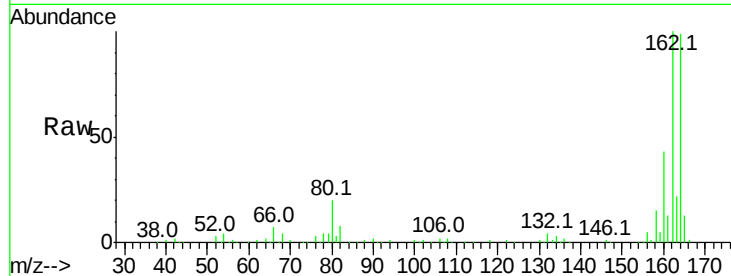




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100250.D
Acq: 6 Nov 2017 14:28

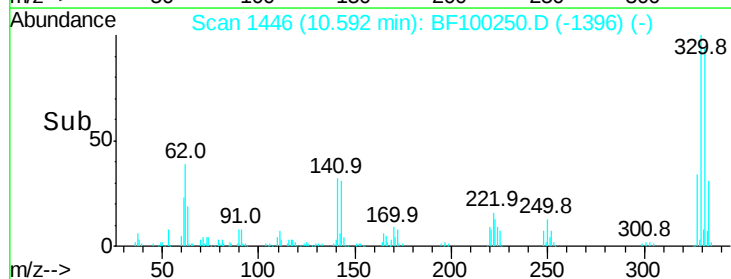
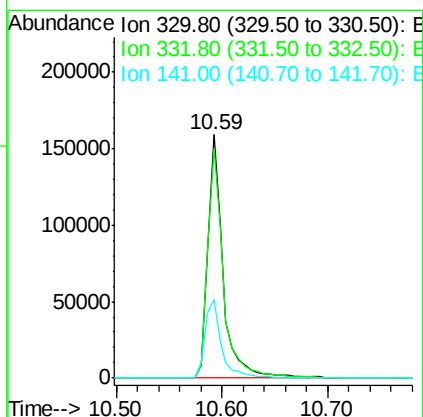
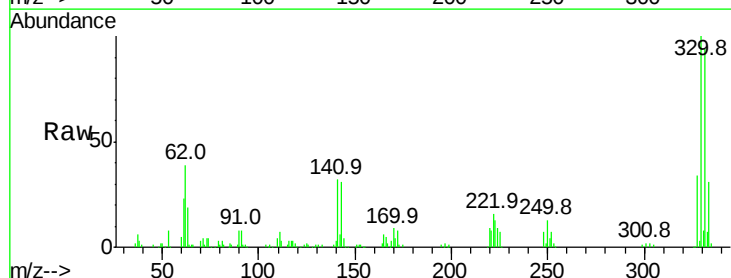
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 178789
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 43.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 98.701 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100250.D
Acq: 6 Nov 2017 14:28

Tgt Ion:330 Resp: 160817
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 35.1 29.9 44.9

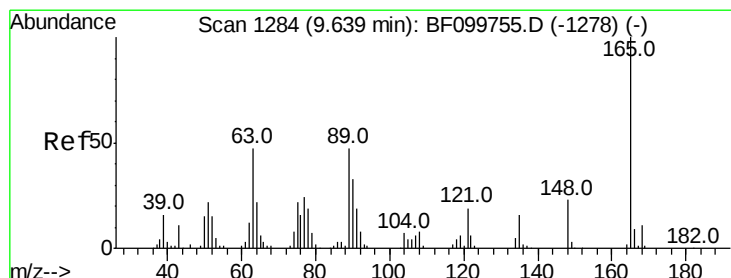
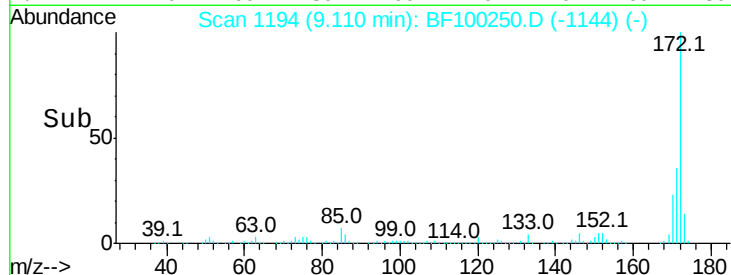
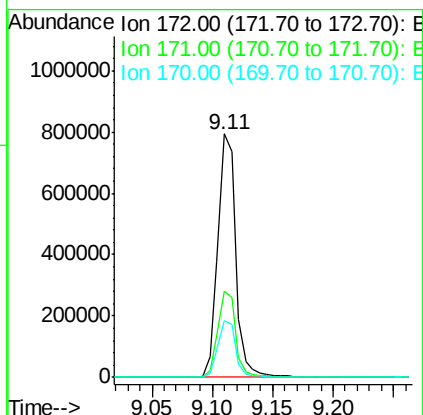
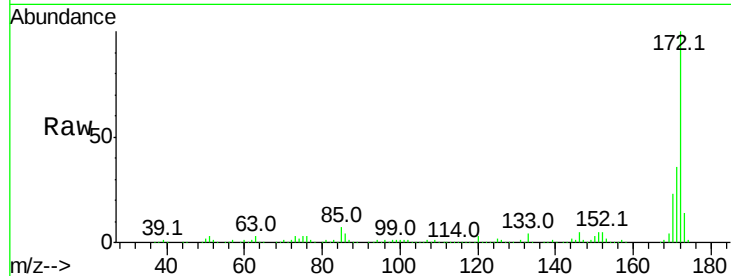




#44
 2-Fluorobiphenyl
 Concen: 69.933 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

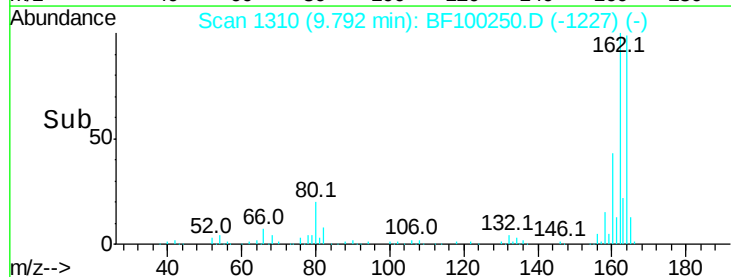
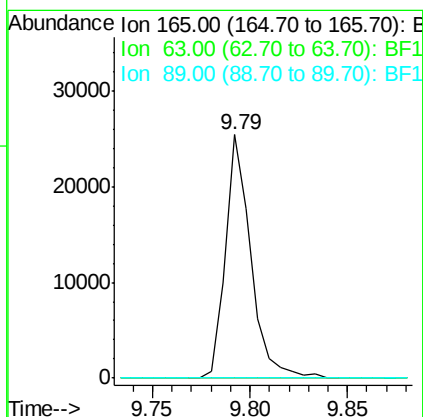
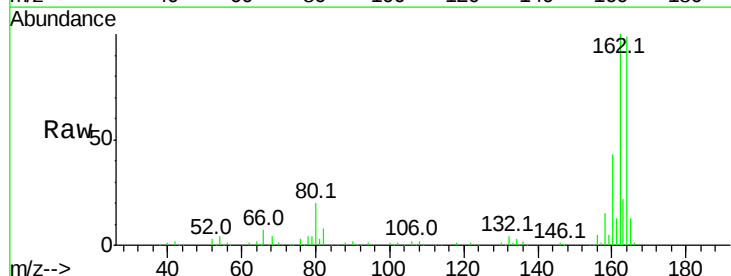
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 810401
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.4 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.665 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.19 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Tgt Ion:165 Resp: 22814
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

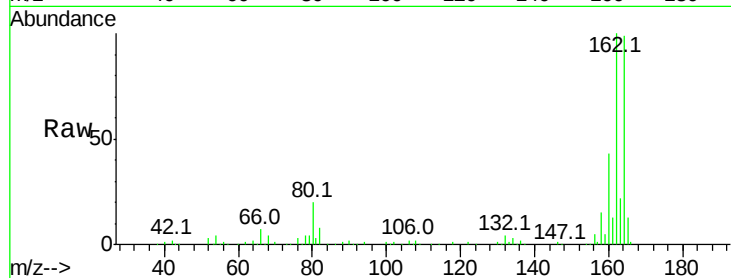




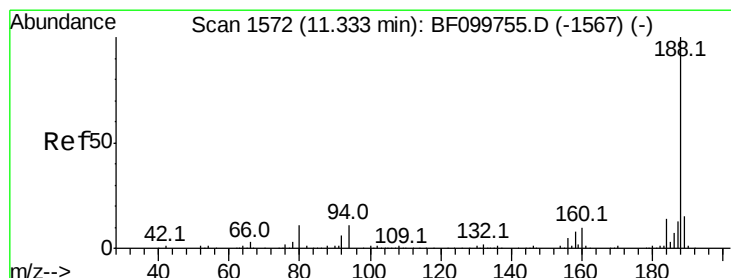
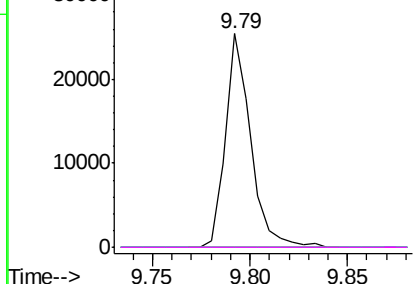
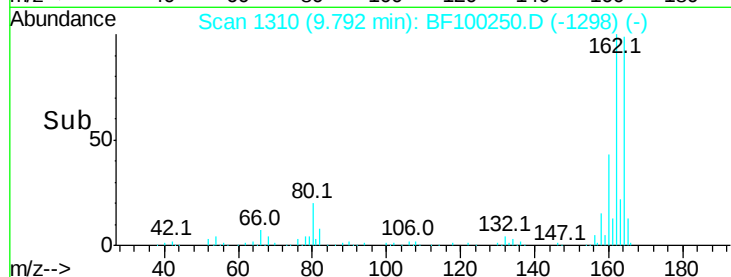
#56
 2,4-Dinitrotoluene
 Concen: 6.365 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 22814
 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#

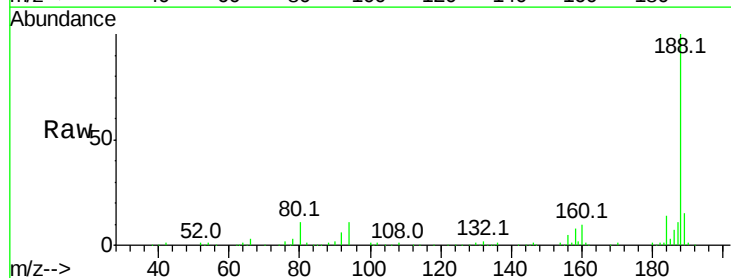


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

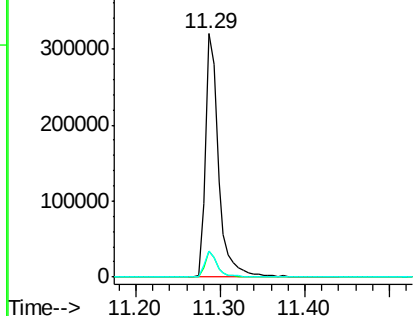
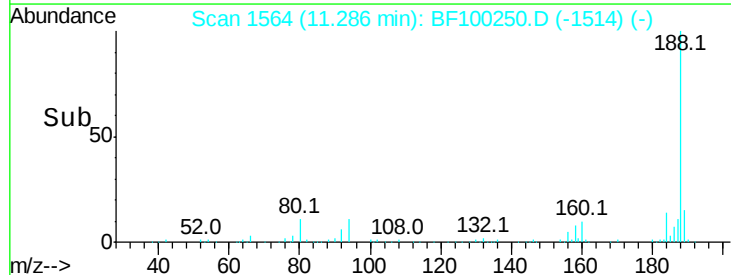


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100250.D
 Acq: 6 Nov 2017 14:28

Tgt Ion:188 Resp: 345909
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 10.9 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

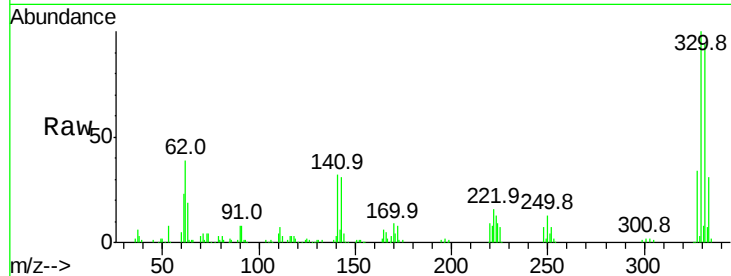




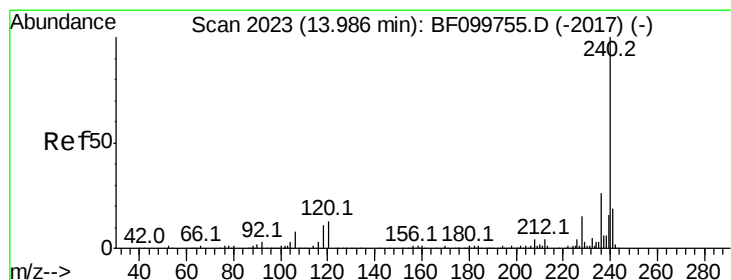
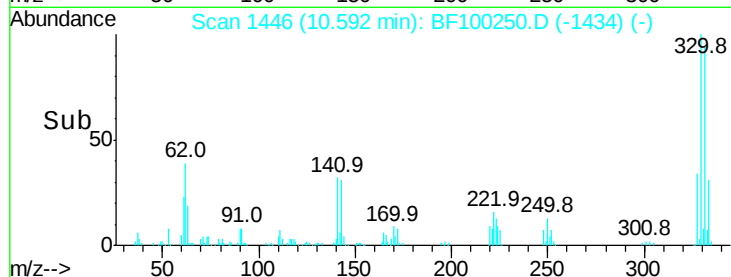
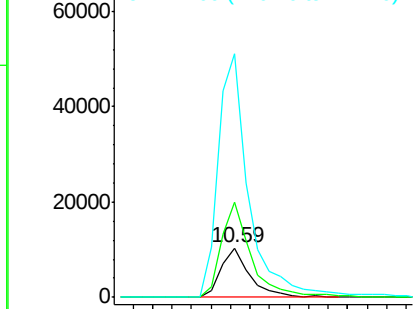
#66
4-Bromophenyl-phenylether
Concen: 2.927 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.23 min
Lab File: BF100250.D
Acq: 6 Nov 2017 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10658
Ion Ratio Lower Upper
248 100
250 192.9 76.9 115.3#
141 492.8 74.4 111.6#

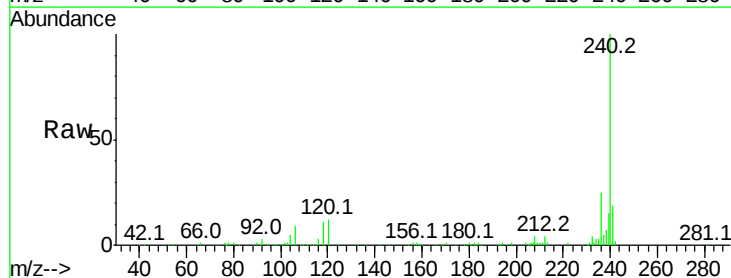


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

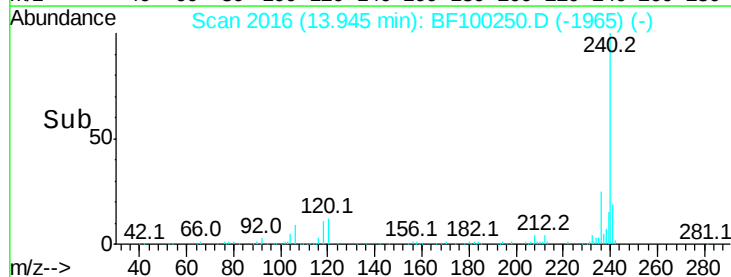
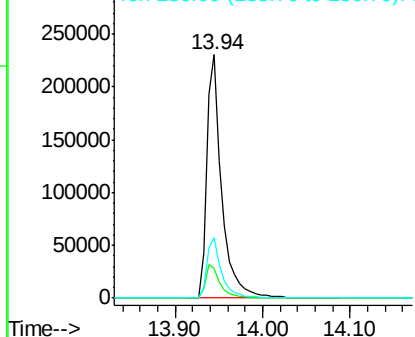


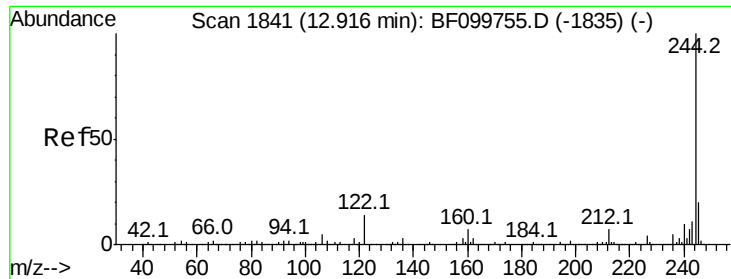
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100250.D
Acq: 6 Nov 2017 14:28

Tgt Ion:240 Resp: 272329
Ion Ratio Lower Upper
240 100
120 12.4 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: 62.130 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

Instrument :

BNA_F

ClientSampleId :

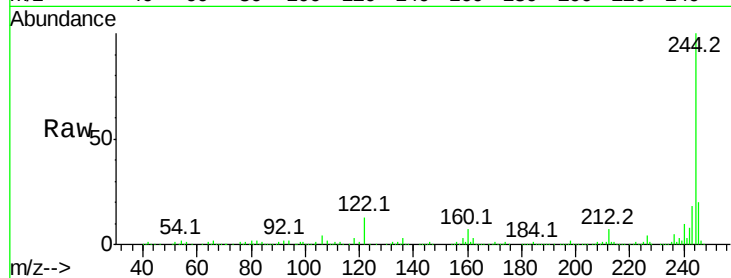
Tot Ion:244 Resp: 774230

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

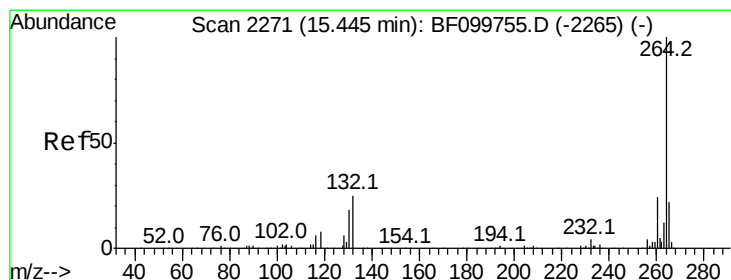
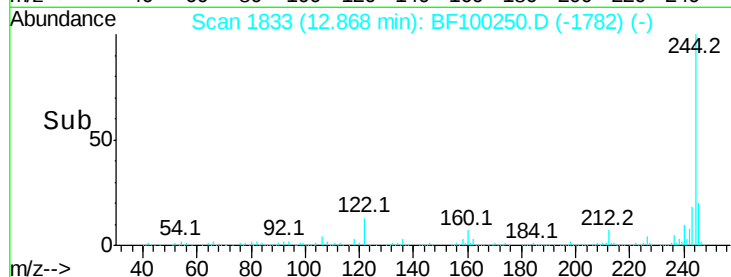
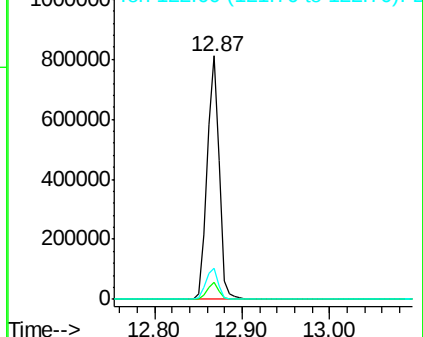
122 13.0 11.0 16.4



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: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF100250.D

Acq: 6 Nov 2017 14:28

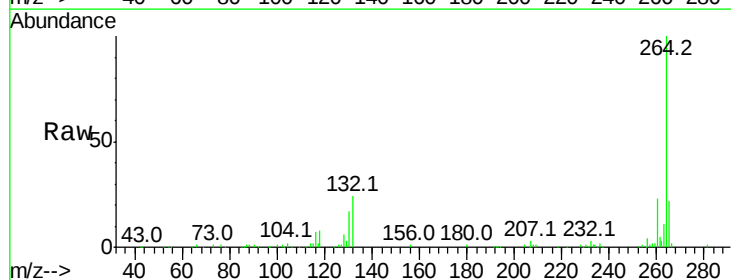
Tgt Ion:264 Resp: 201760

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 22.2 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

