

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100204.D
 Acq On : 5 Nov 2017 3:19
 Operator : SJ/JU
 Sample : I6327-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:56:22 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

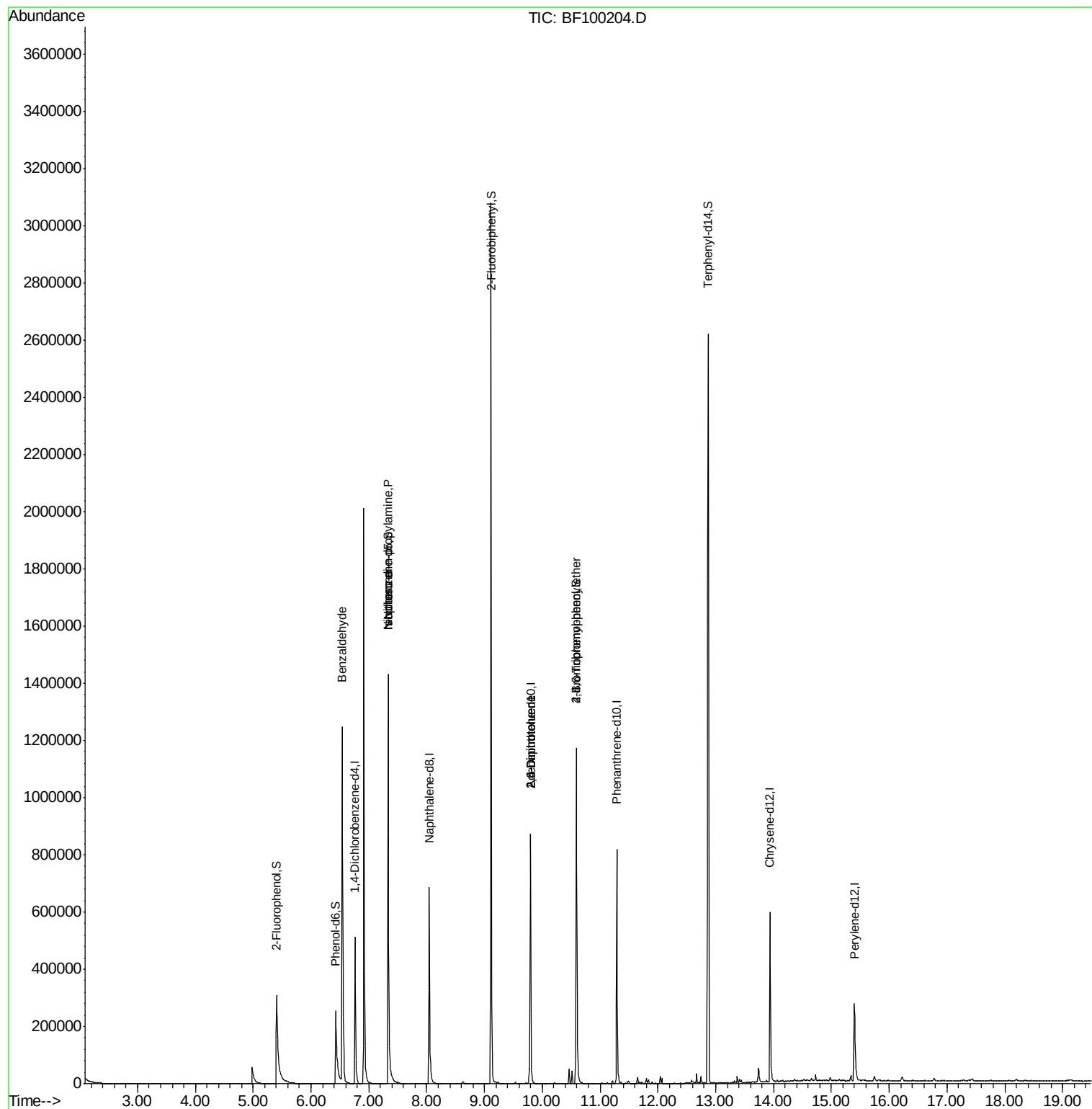
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95356	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	396439	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	185946	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	345228	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	233316	20.00	ng	-0.01
86) Perylene-d12	15.40	264	159366	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	251755	41.45	ng	0.01
7) Phenol-d6	6.43	99	210603	29.24	ng	0.00
23) Nitrobenzene-d5	7.34	82	544614	88.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	163769	96.64	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1085217	90.04	ng	-0.01
78) Terphenyl-d14	12.87	244	1039293	97.35	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.54	77	8610	2.001	ng	87
19) n-Nitroso-di-n-propylamine	7.34	70	67641	16.027	ng	# 69
25) Isophorone	7.34	82	544614	48.741	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	23444	7.573	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	23444	6.289	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	10393	2.860	ng	# 1

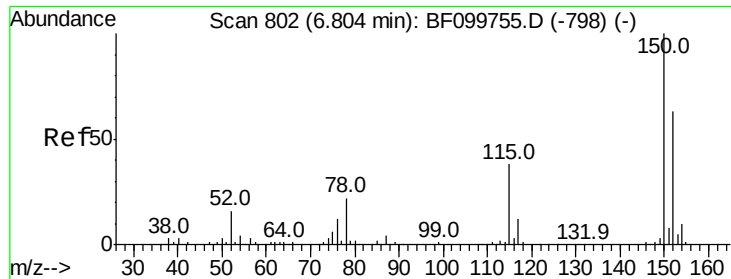
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



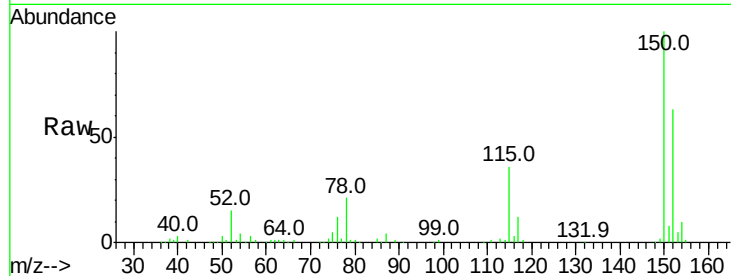


#1

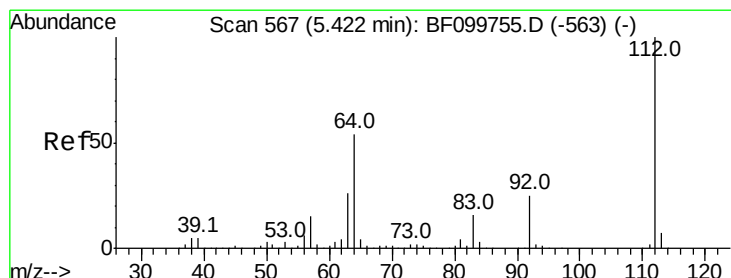
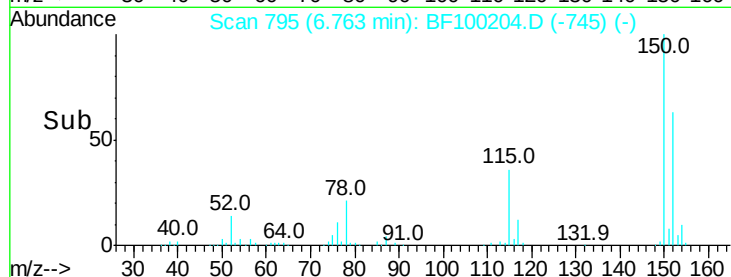
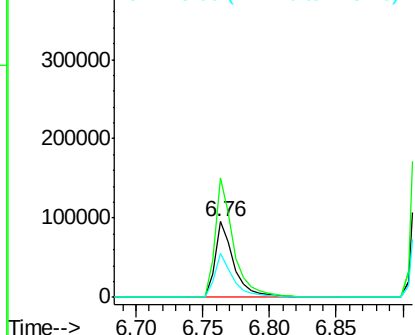
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100204.D
Acq: 5 Nov 2017 3:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95356
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 57.5 50.1 75.1



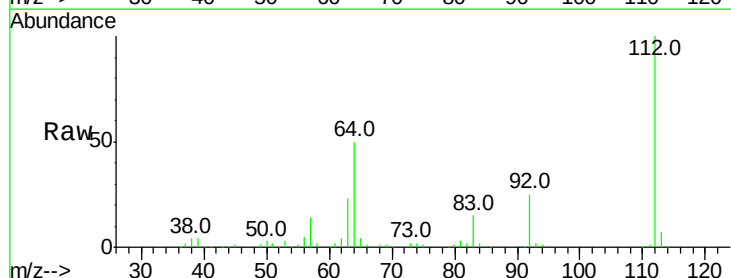
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



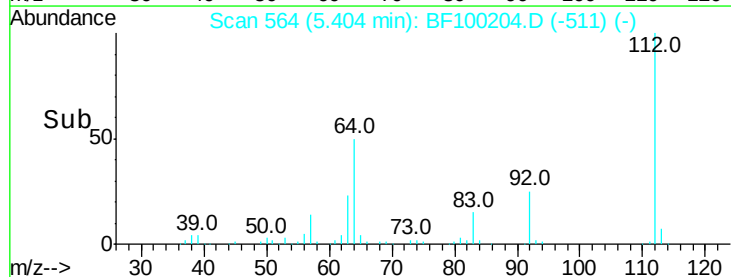
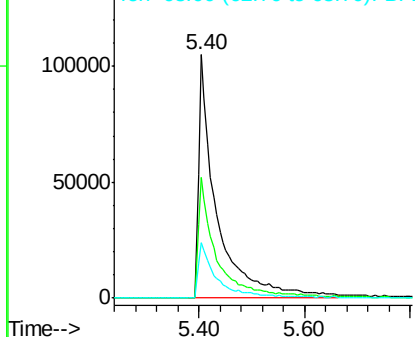
#5

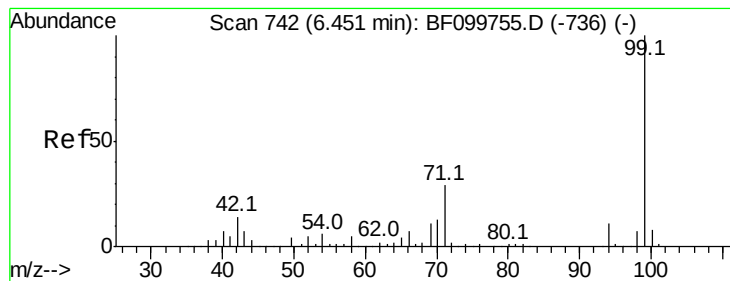
2-Fluorophenol
Concen: 41.450 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100204.D
Acq: 5 Nov 2017 3:19

Tgt Ion:112 Resp: 251755
Ion Ratio Lower Upper
112 100
64 49.7 47.9 71.9
63 22.9 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: 29.243 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100204.D

Acq: 5 Nov 2017 3:19

Instrument :

BNA_F

ClientSampled :

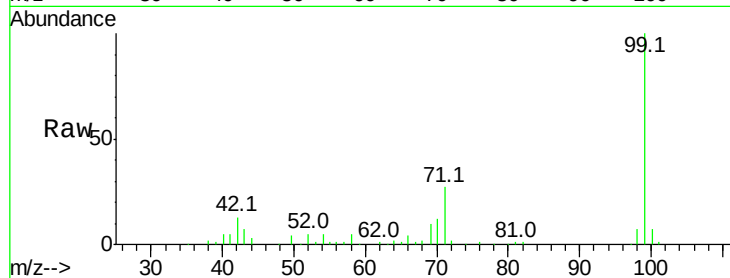
Tot Ion: 99 Resp: 210603

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

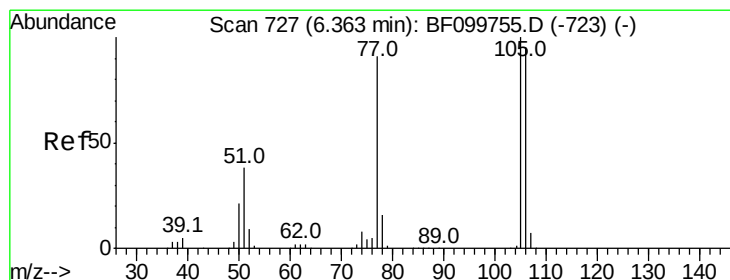
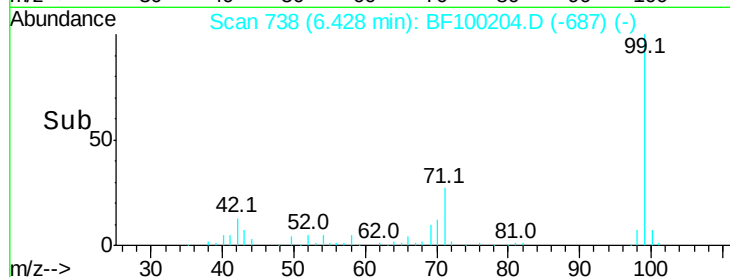
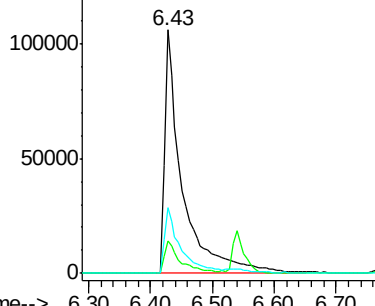
71 26.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.001 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100204.D

Acq: 5 Nov 2017 3:19

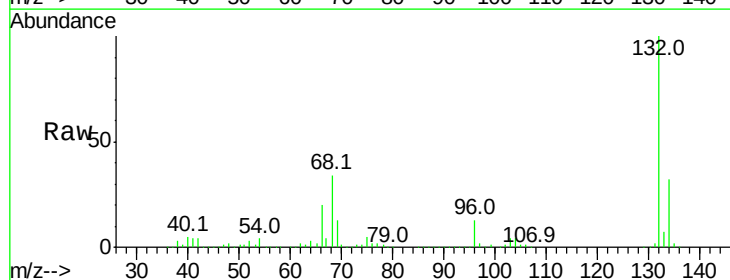
Tgt Ion: 77 Resp: 8610

Ion Ratio Lower Upper

77 100

105 83.8 81.1 121.1

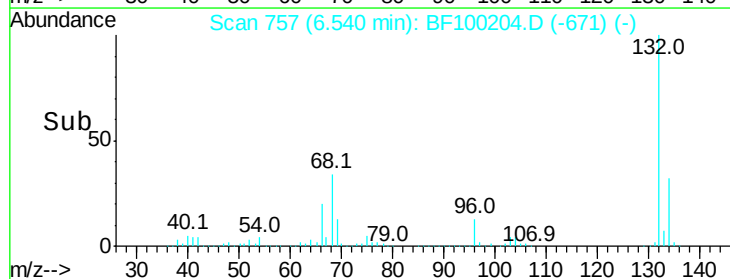
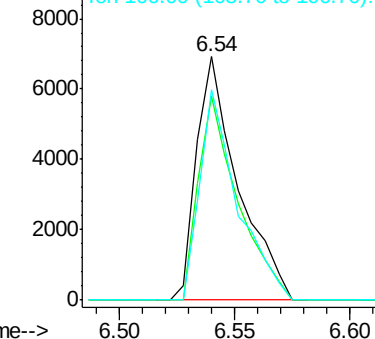
106 86.6 74.5 114.5

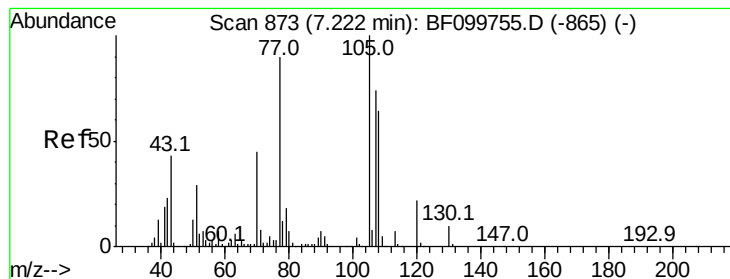


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 16.027 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100204.D

Acq: 5 Nov 2017 3:19

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 67641

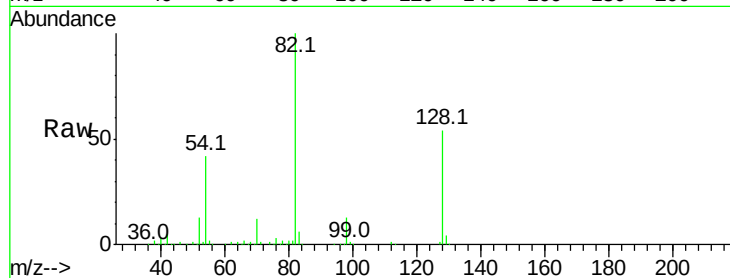
Ion Ratio Lower Upper

70 100

42 37.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

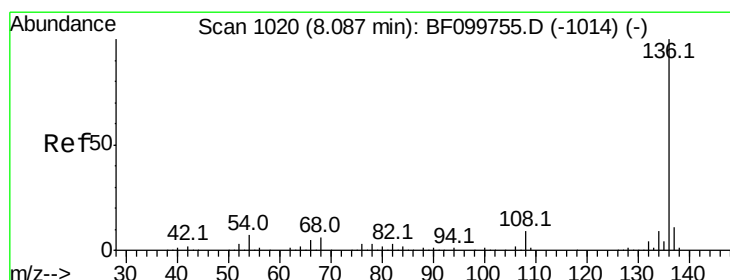
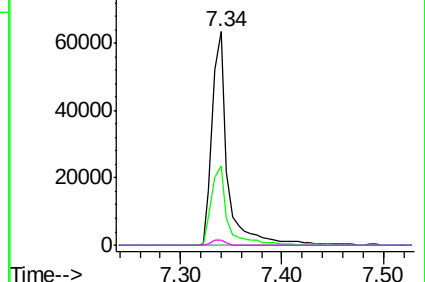
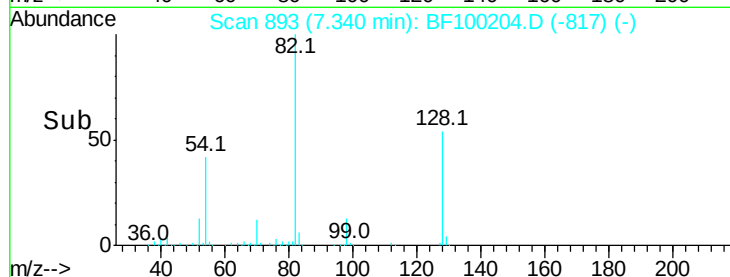


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100204.D

Acq: 5 Nov 2017 3:19

Tgt Ion:136 Resp: 396439

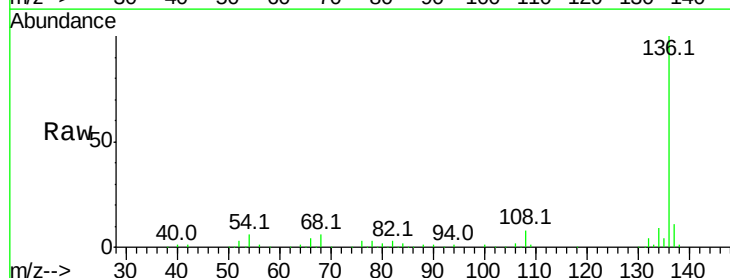
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 5.5 5.0 7.4

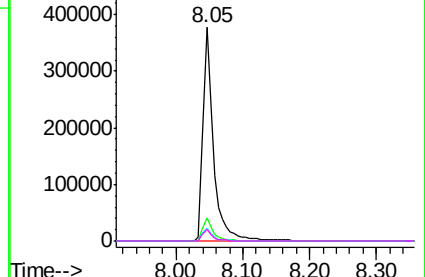
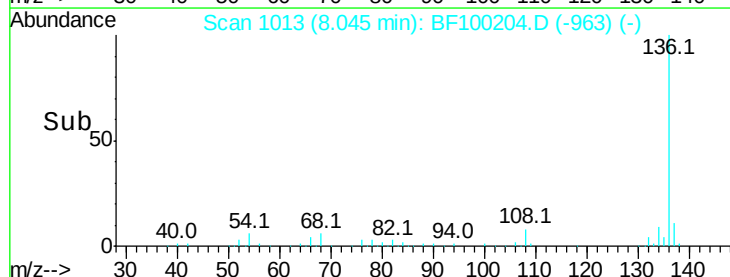


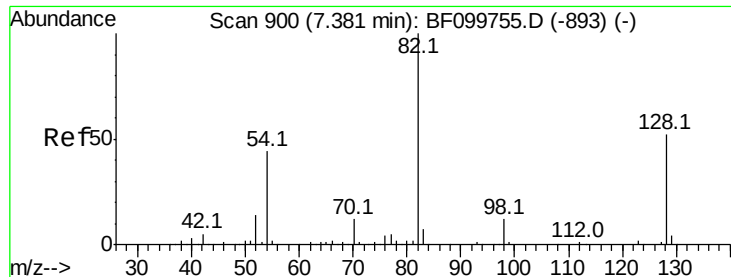
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

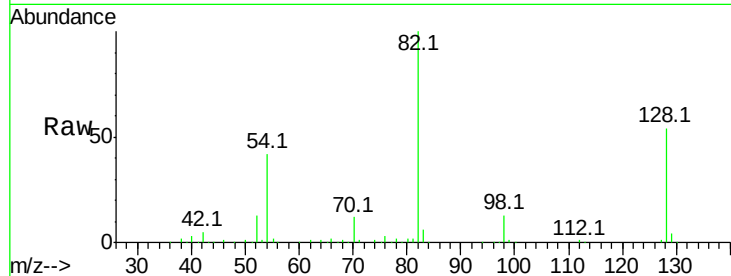




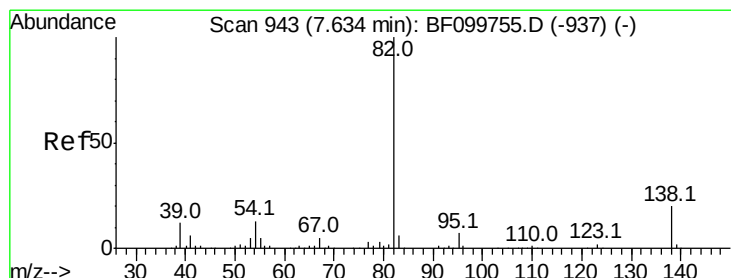
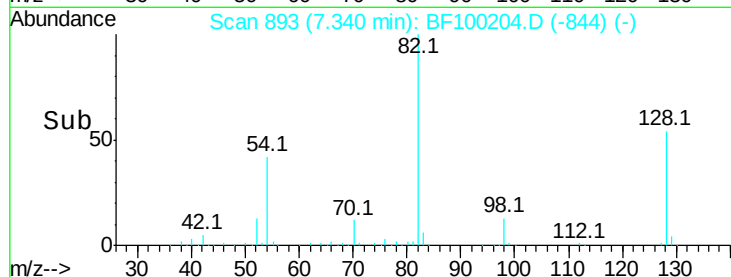
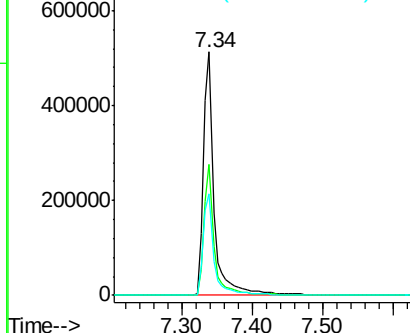
#23
Nitrobenzene-d5
Concen: 88.444 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100204.D
Acq: 5 Nov 2017 3:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 544614
Ion Ratio Lower Upper
82 100
128 54.0 36.1 54.1
54 41.9 41.4 62.2

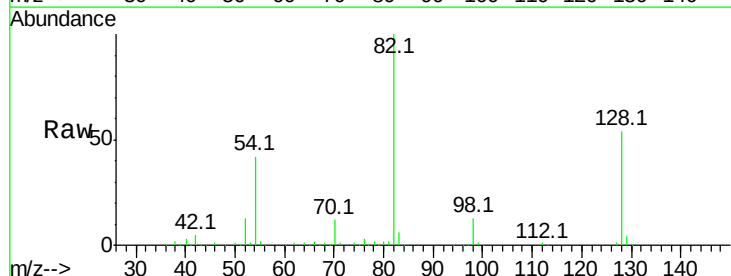


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

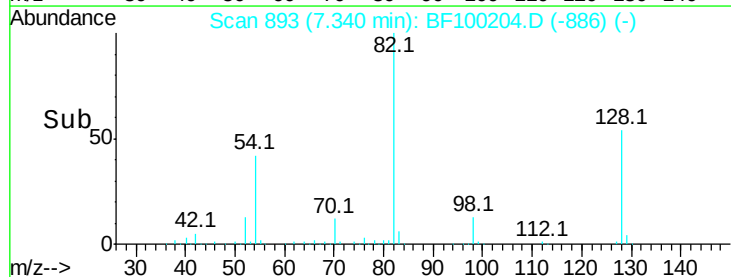
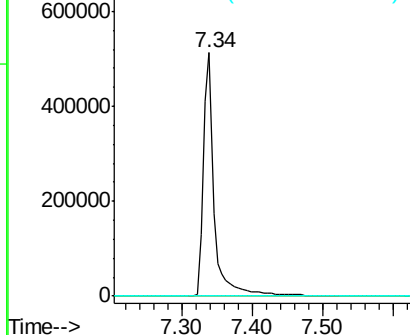


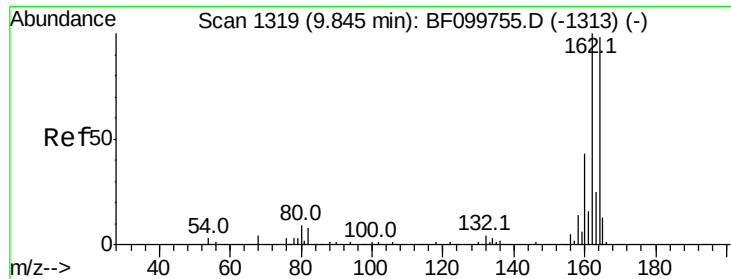
#25
Isophorone
Concen: 48.741 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.26 min
Lab File: BF100204.D
Acq: 5 Nov 2017 3:19

Tgt Ion: 82 Resp: 544614
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

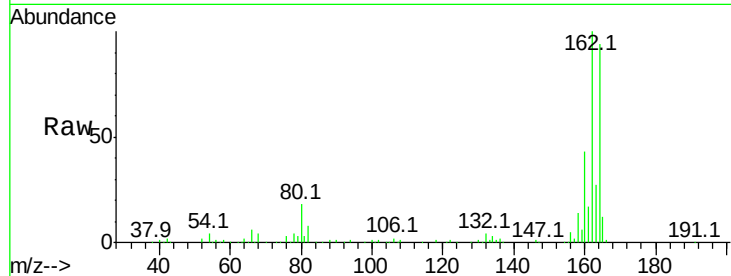




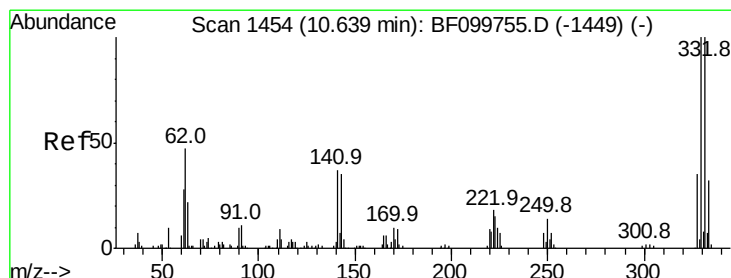
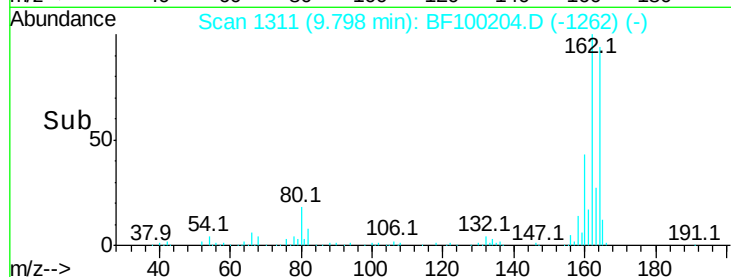
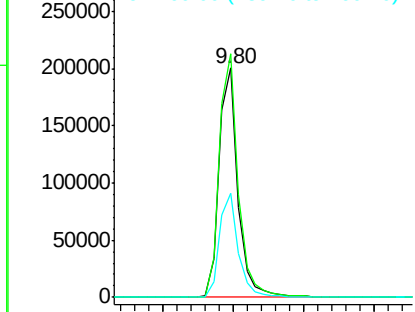
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF100204.D
 Acq: 5 Nov 2017 3:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 185946
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 45.2 38.3 57.5

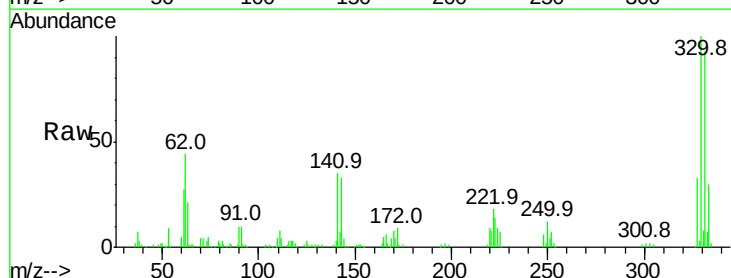


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

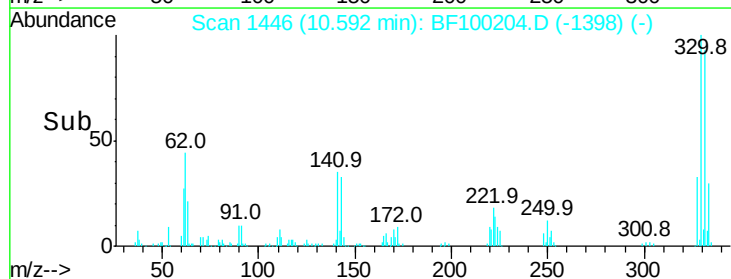
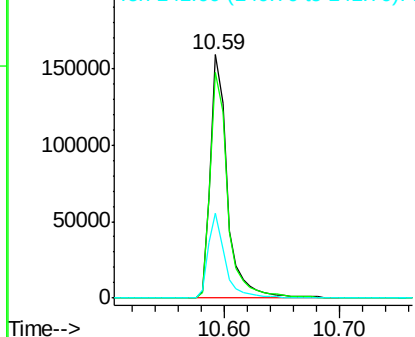


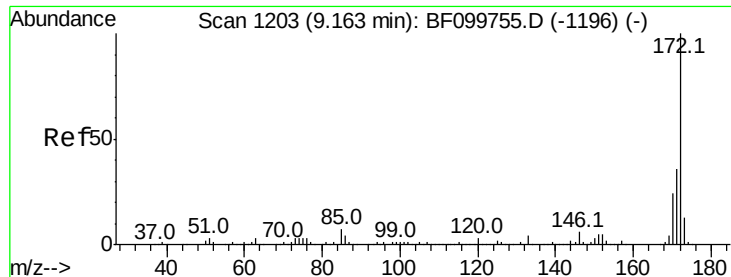
#41
 2,4,6-Tribromophenol
 Concen: 96.644 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100204.D
 Acq: 5 Nov 2017 3:19

Tgt Ion:330 Resp: 163769
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 34.4 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



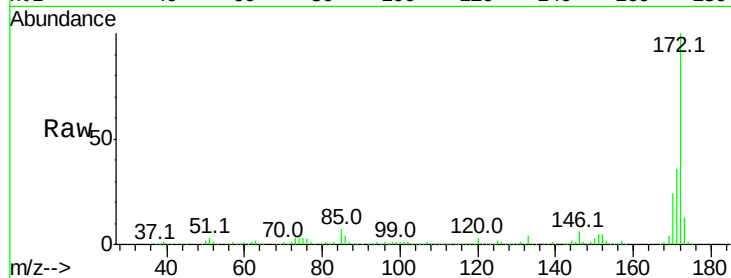


#44
 2-Fluorobiphenyl
 Concen: 90.043 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100204.D
 Acq: 5 Nov 2017 3:19

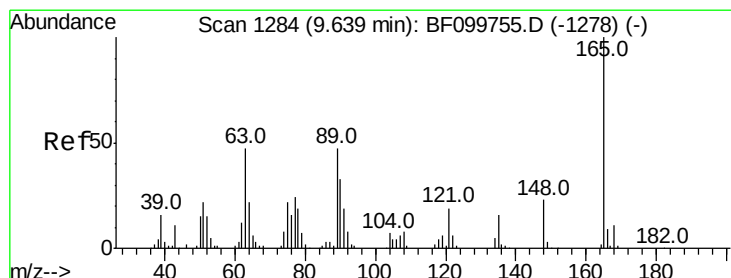
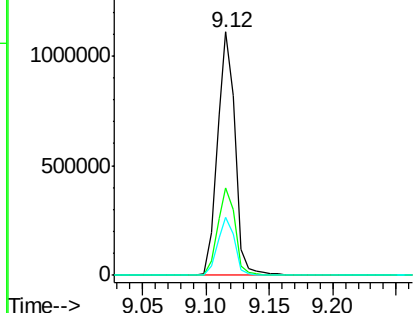
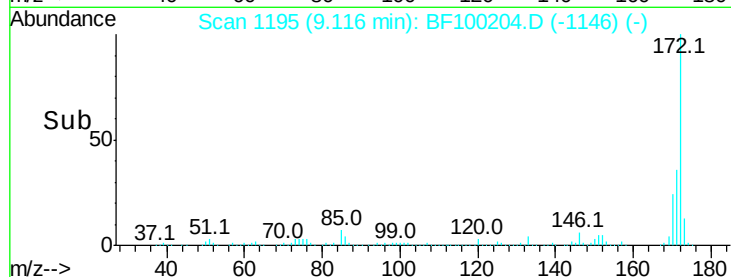
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1085217

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4



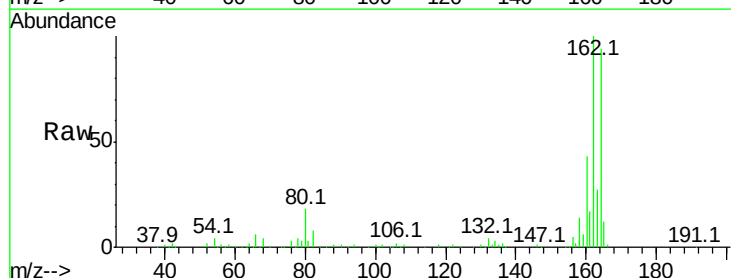
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



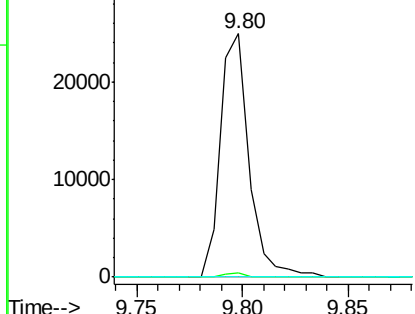
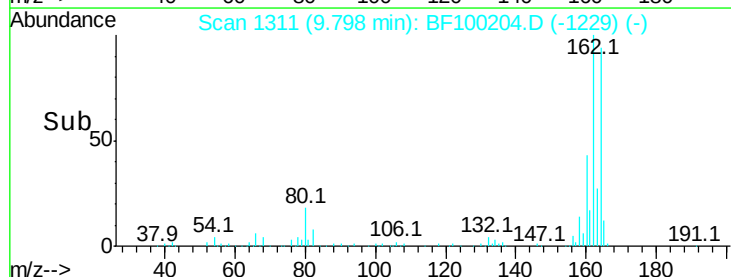
#50
 2,6-Dinitrotoluene
 Concen: 7.573 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100204.D
 Acq: 5 Nov 2017 3:19

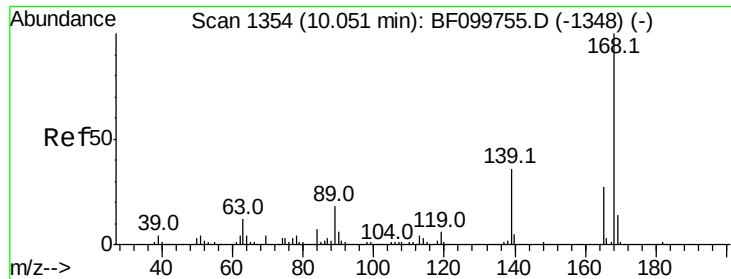
Tgt Ion:165 Resp: 23444

Ion	Ratio	Lower	Upper
165	100		
63	1.7	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: 6.289 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.23 min

Lab File: BF100204.D

Acq: 5 Nov 2017 3:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 23444

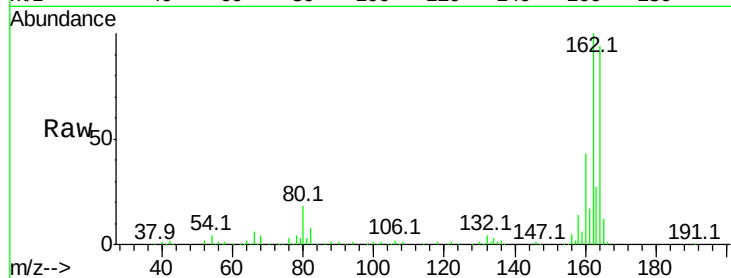
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

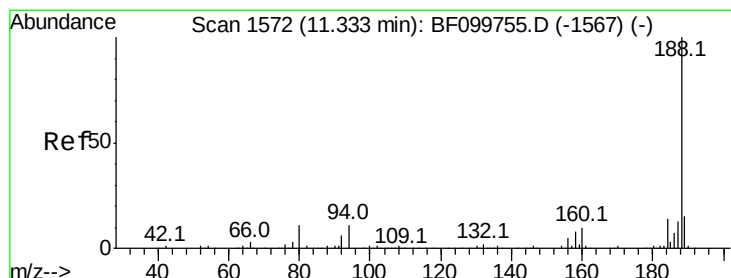
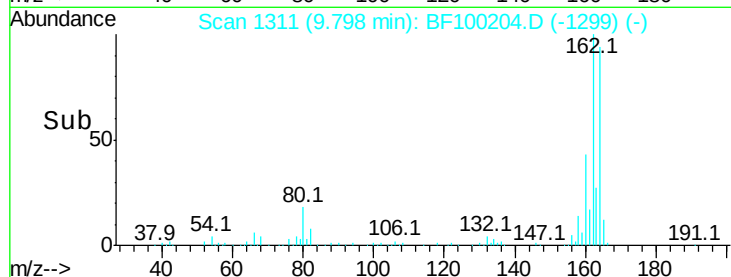
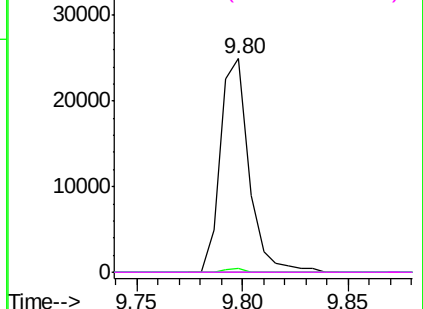


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF100204.D

Acq: 5 Nov 2017 3:19

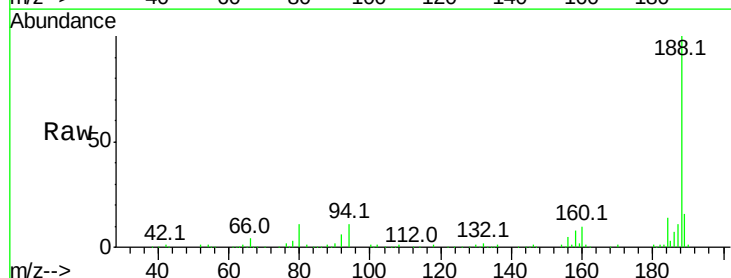
Tgt Ion:188 Resp: 345228

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

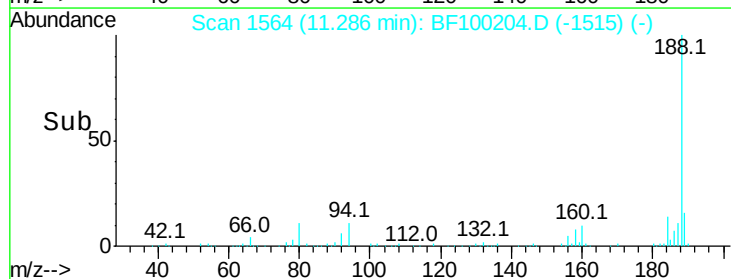
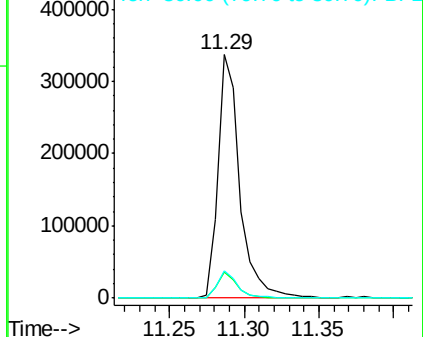
80 11.3 9.2 13.8

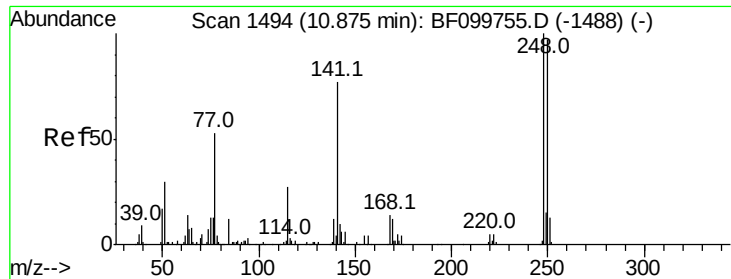


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

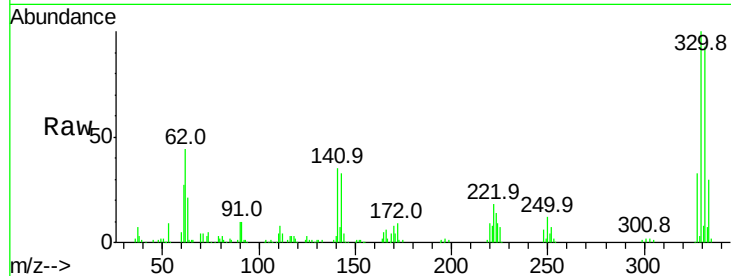




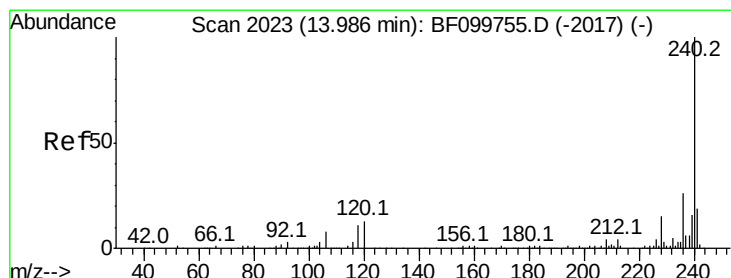
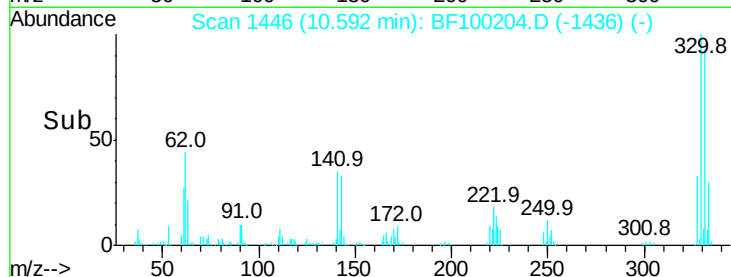
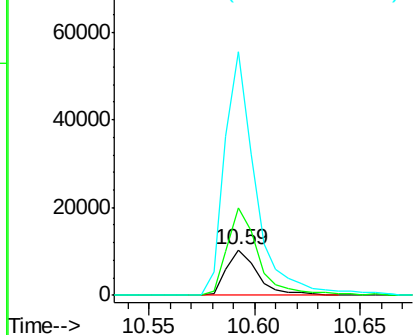
#66
 4-Bromophenyl-phenylether
 Concen: 2.860 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF100204.D
 Acq: 5 Nov 2017 3:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10393
 Ion Ratio Lower Upper
 248 100
 250 192.1 76.9 115.3#
 141 537.8 74.4 111.6#

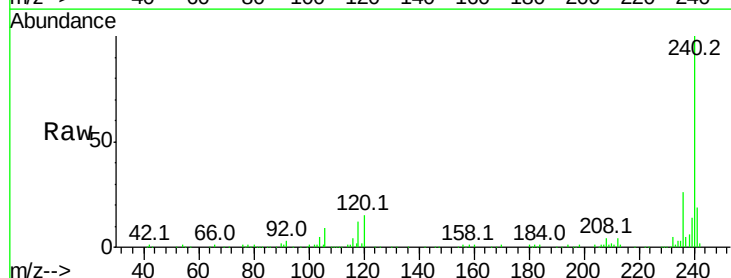


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

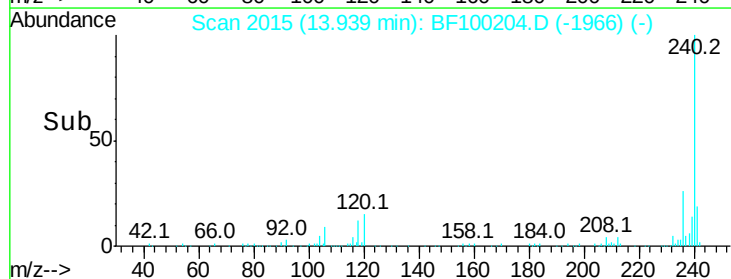
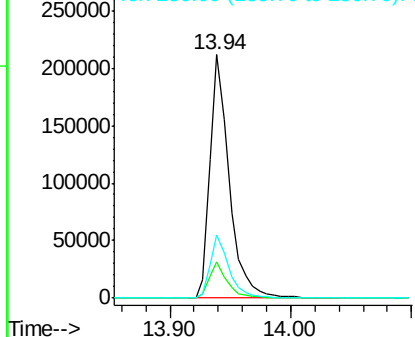


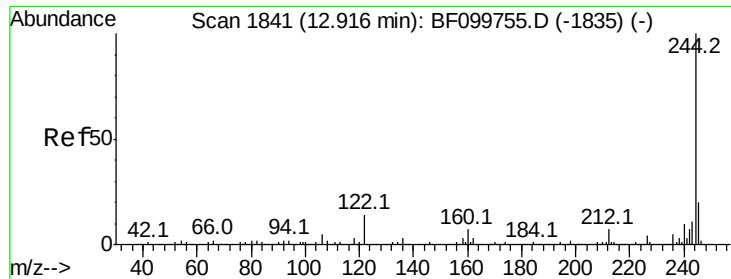
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100204.D
 Acq: 5 Nov 2017 3:19

Tgt Ion:240 Resp: 233316
 Ion Ratio Lower Upper
 240 100
 120 14.7 9.5 14.3#
 236 25.7 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: 97.346 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100204.D

Acq: 5 Nov 2017 3:19

Instrument :

BNA_F

ClientSampleId :

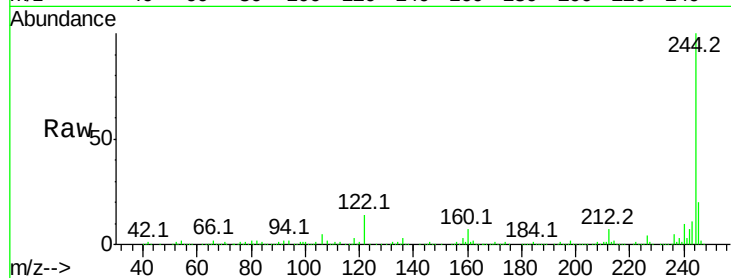
Tot Ion:244 Resp: 1039293

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

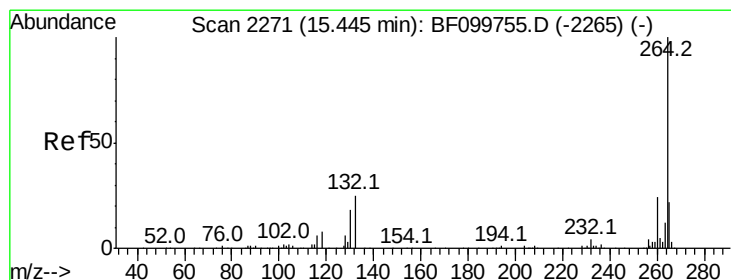
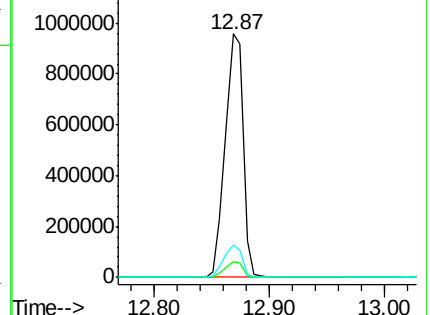
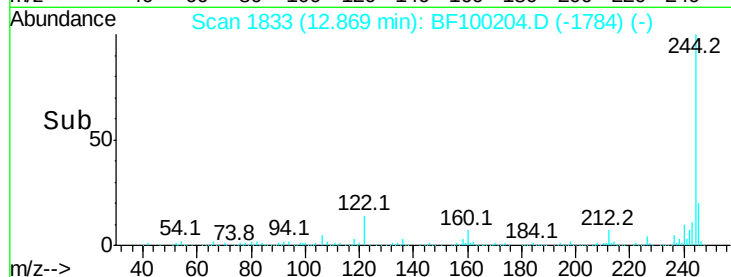
122 13.5 11.0 16.4



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: BF100204.D

Acq: 5 Nov 2017 3:19

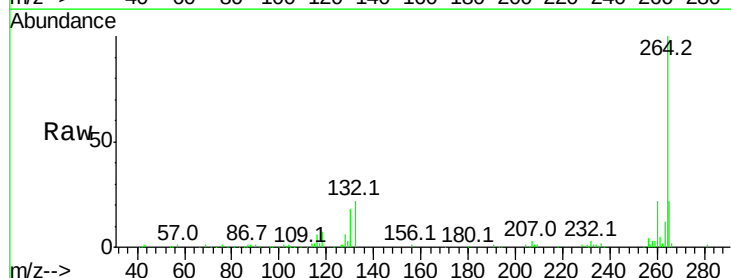
Tgt Ion:264 Resp: 159366

Ion Ratio Lower Upper

264 100

260 21.8 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

