

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100202.D
 Acq On : 5 Nov 2017 2:26
 Operator : SJ/JU
 Sample : I6327-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:55:51 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

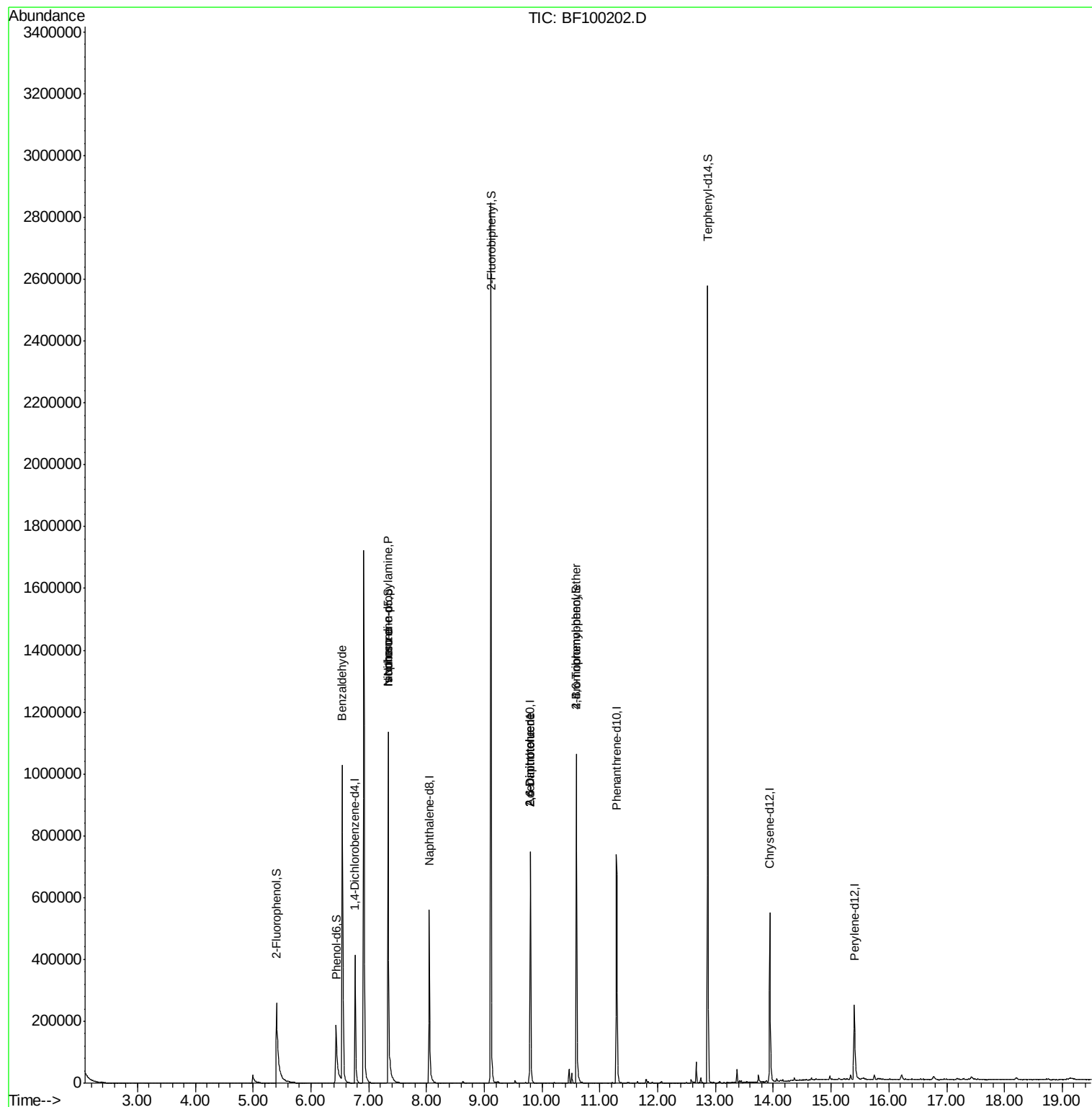
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	78614	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	335823	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	164642	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	315963	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	218644	20.00	ng	-0.01
86) Perylene-d12	15.40	264	147819	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	221177	44.17	ng	0.01
7) Phenol-d6	6.43	99	175294	29.52	ng	0.00
23) Nitrobenzene-d5	7.34	82	468666	89.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	149322	99.52	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	975609	91.42	ng	-0.01
78) Terphenyl-d14	12.87	244	977921	97.74	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.54	77	7287	2.054	ng	# 80
19) n-Nitroso-di-n-propylamine	7.34	70	57410	16.500	ng	# 69
25) Isophorone	7.34	82	468666	49.515	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	20100	7.333	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	20100	6.089	ng	# 21
66) 4-Bromophenyl-phenylether	10.59	248	9846	2.960	ng	# 1

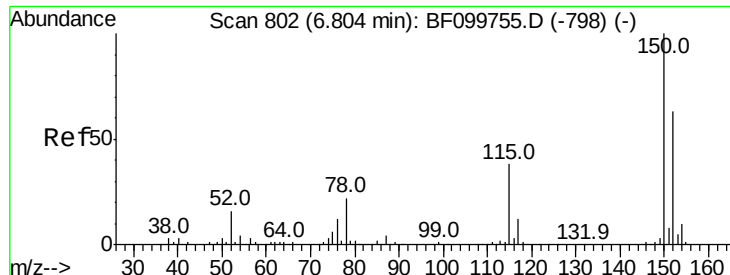
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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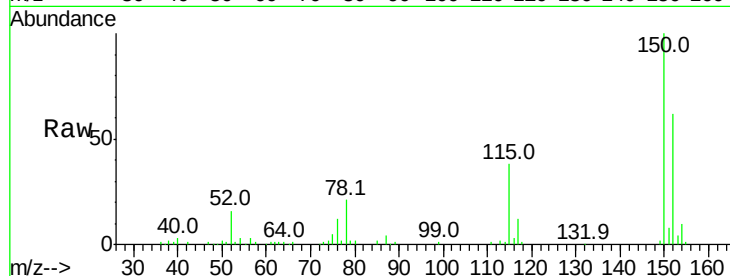


#1

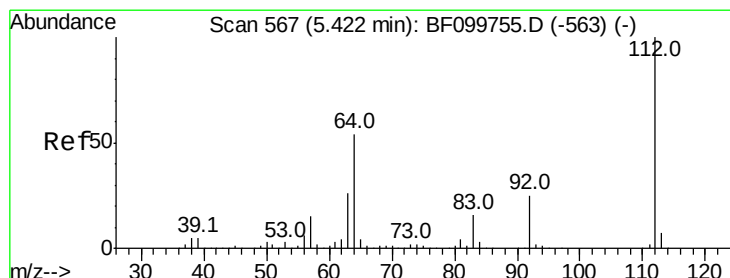
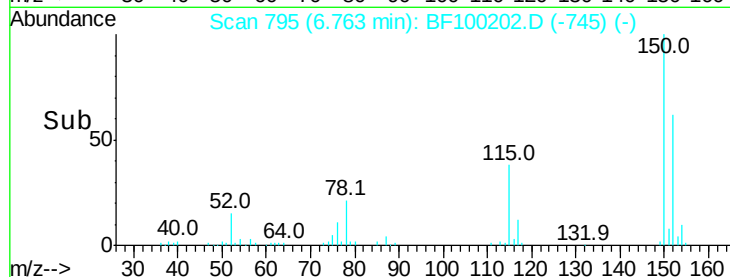
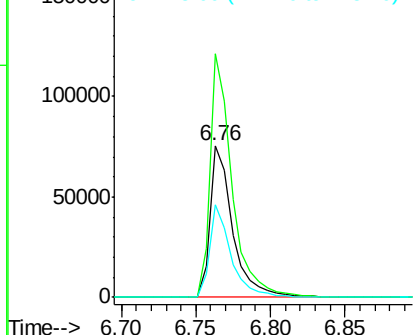
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100202.D
Acq: 5 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78614
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 60.7 50.1 75.1



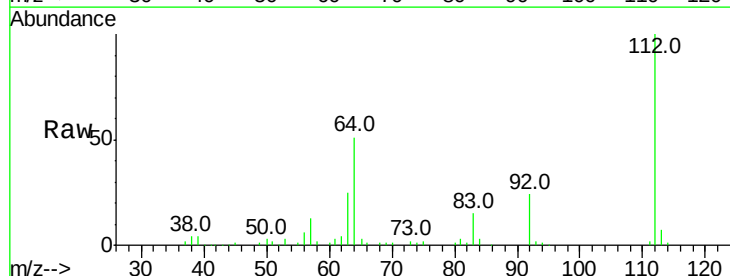
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



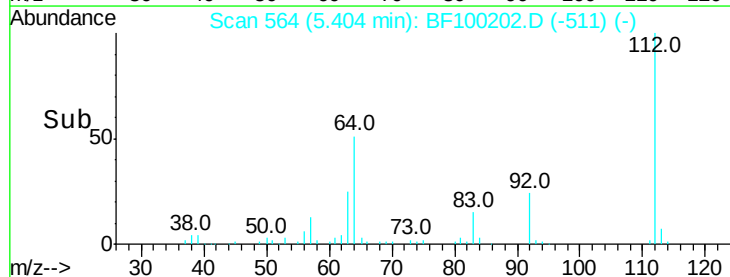
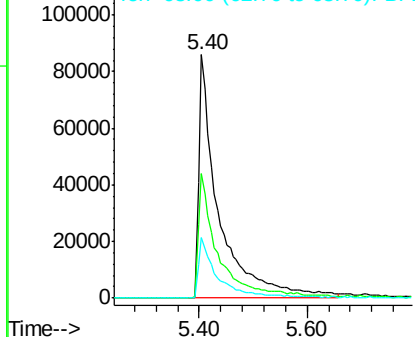
#5

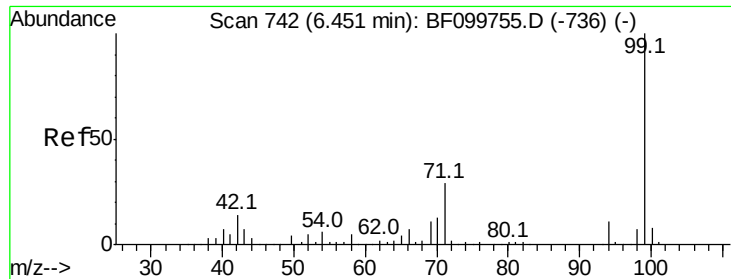
2-Fluorophenol
Concen: 44.170 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100202.D
Acq: 5 Nov 2017 2:26

Tgt Ion:112 Resp: 221177
Ion Ratio Lower Upper
112 100
64 51.4 47.9 71.9
63 25.0 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: 29.524 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100202.D

Acq: 5 Nov 2017 2:26

Instrument :

BNA_F

ClientSampled :

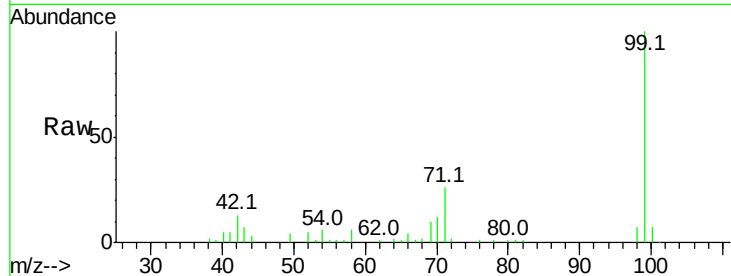
Tot Ion: 99 Resp: 175294

Ion Ratio Lower Upper

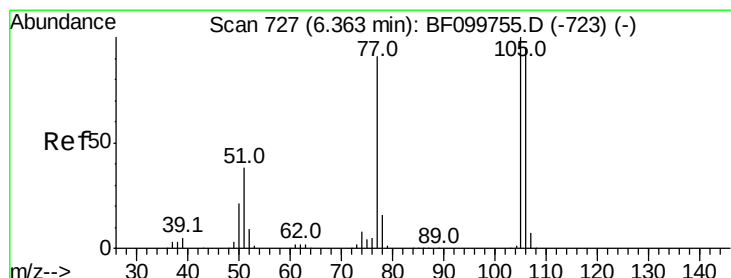
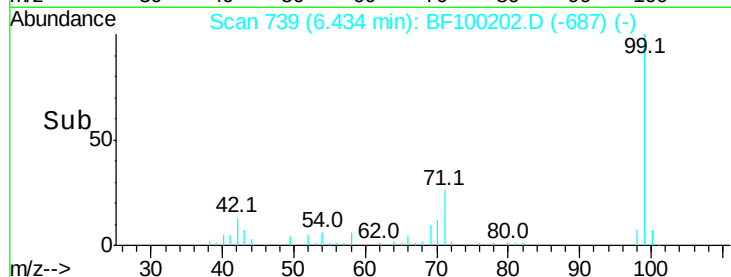
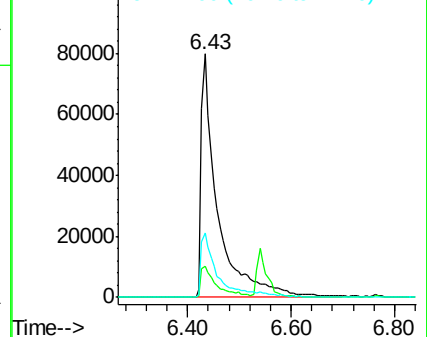
99 100

42 12.8 14.5 21.7#

71 26.3 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: 2.054 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100202.D

Acq: 5 Nov 2017 2:26

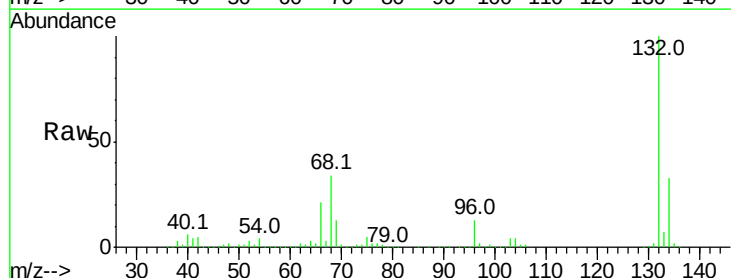
Tgt Ion: 77 Resp: 7287

Ion Ratio Lower Upper

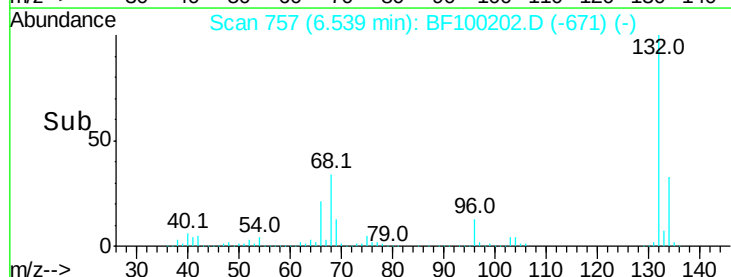
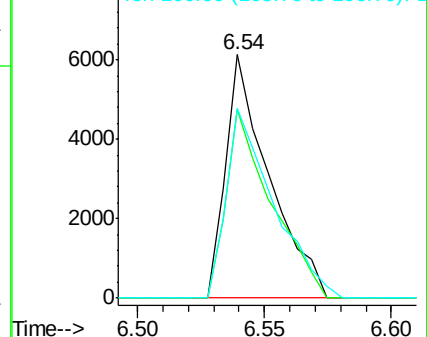
77 100

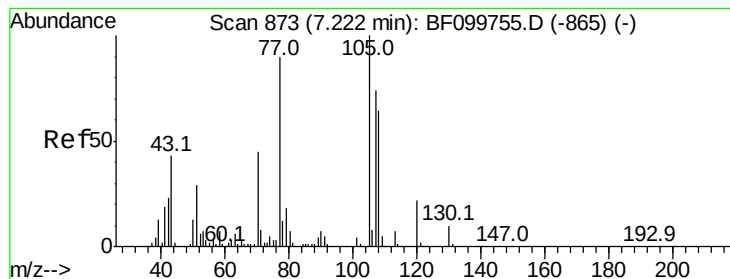
105 77.6 81.1 121.1#

106 78.0 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: 16.500 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100202.D

Acq: 5 Nov 2017 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 57410

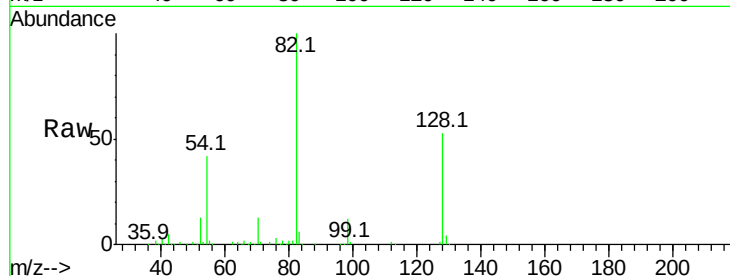
Ion Ratio Lower Upper

70 100

42 36.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

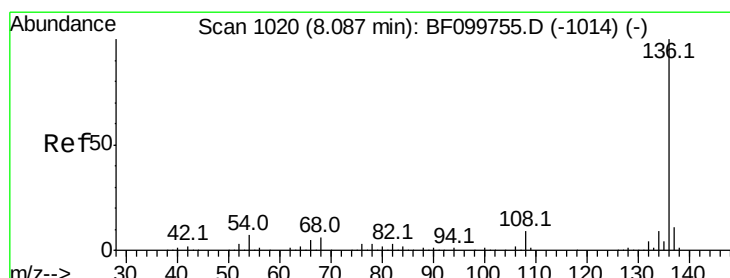
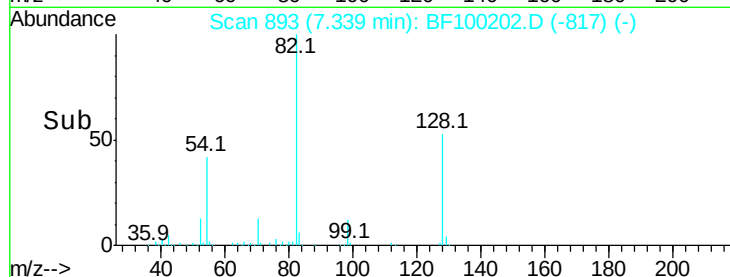
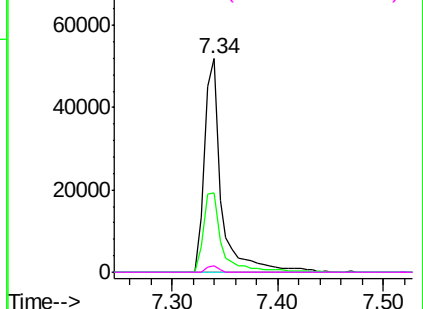


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100202.D

Acq: 5 Nov 2017 2:26

Tgt Ion: 136 Resp: 335823

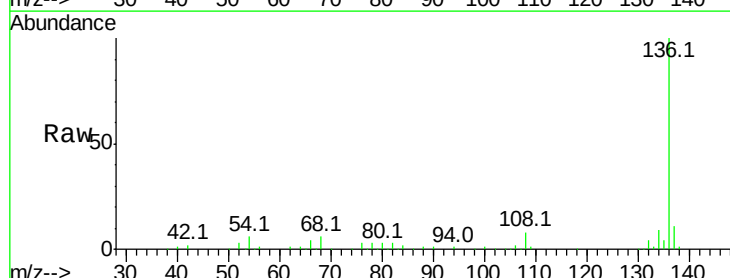
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

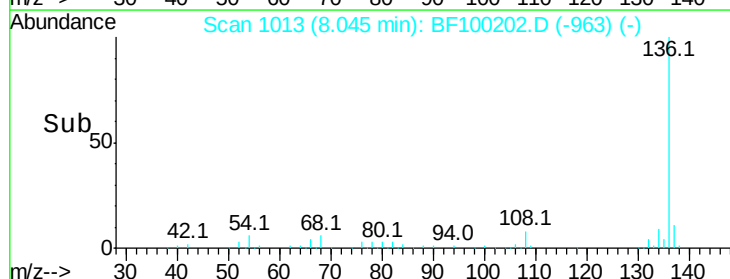
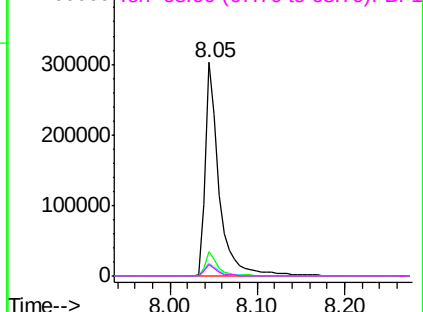


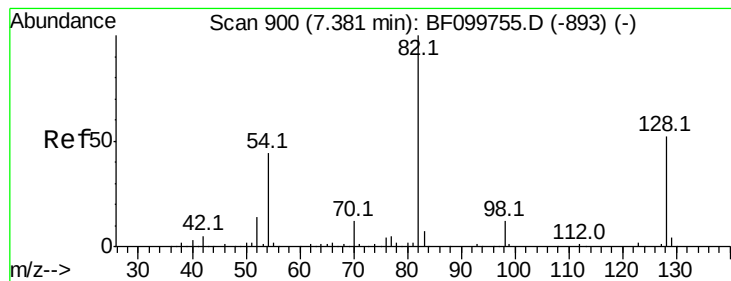
Abundance Ion 136.00 (135.70 to 136.70): BF1

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: 89.848 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100202.D

Acq: 5 Nov 2017 2:26

Instrument :

BNA_F

ClientSampleId :

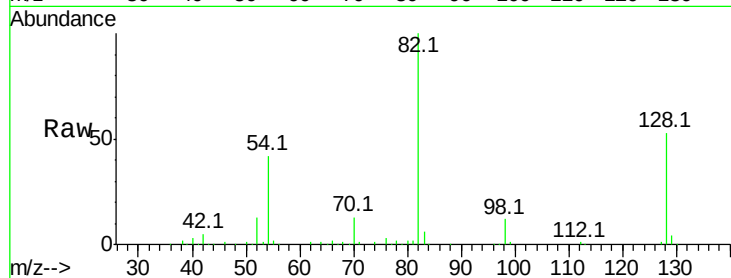
Tot Ion: 82 Resp: 468666

Ion Ratio Lower Upper

82 100

128 53.4 36.1 54.1

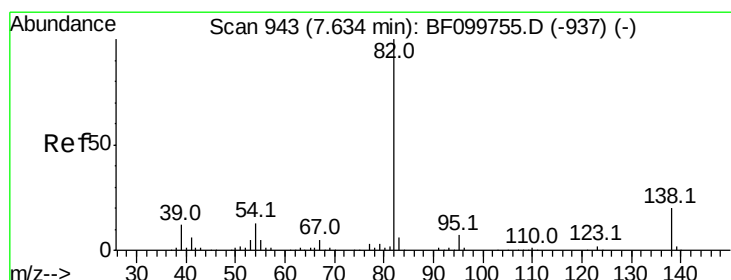
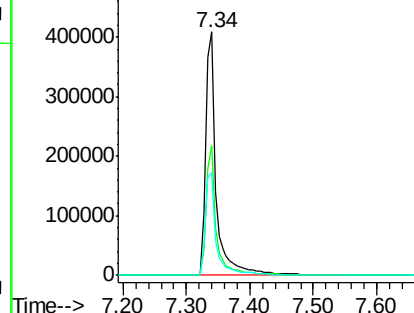
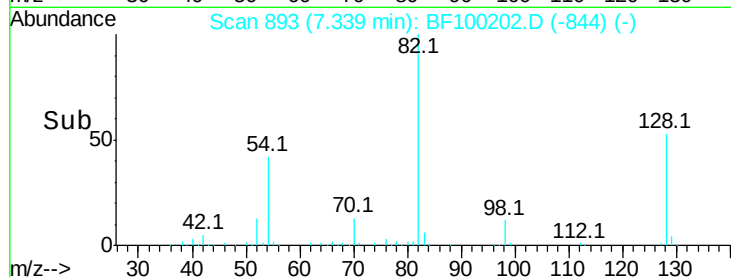
54 42.3 41.4 62.2



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: 49.515 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100202.D

Acq: 5 Nov 2017 2:26

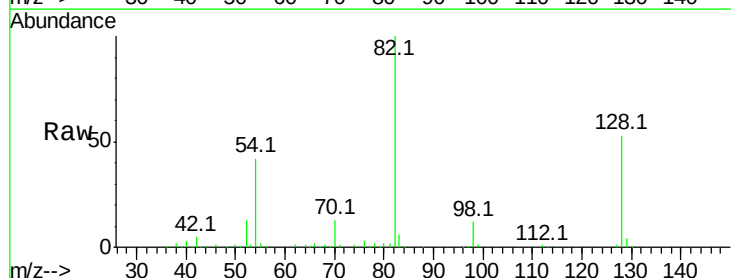
Tgt Ion: 82 Resp: 468666

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

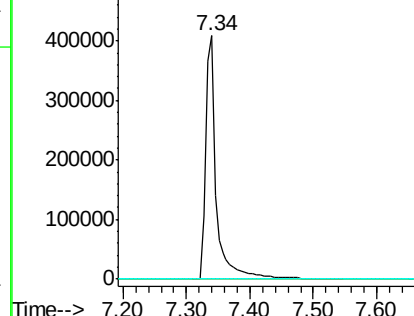
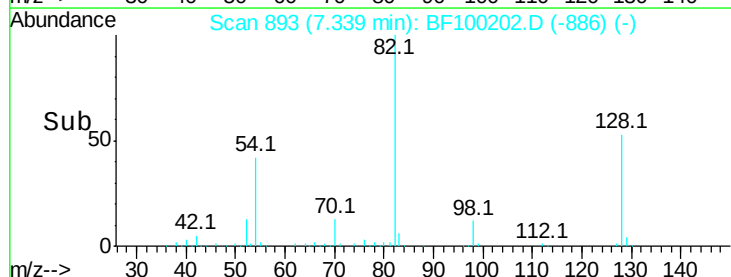
138 0.0 14.9 22.3#

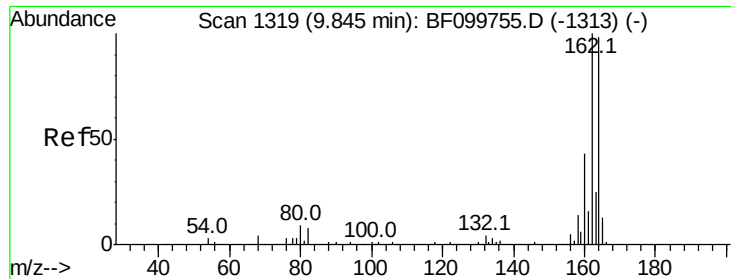


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

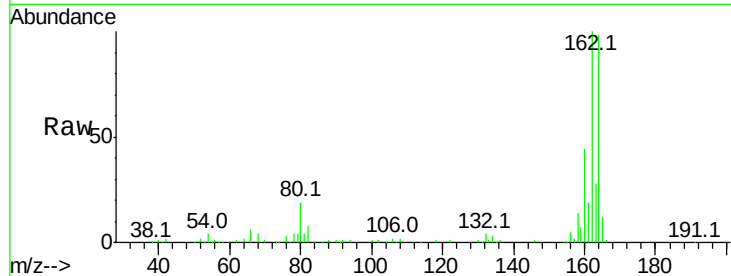




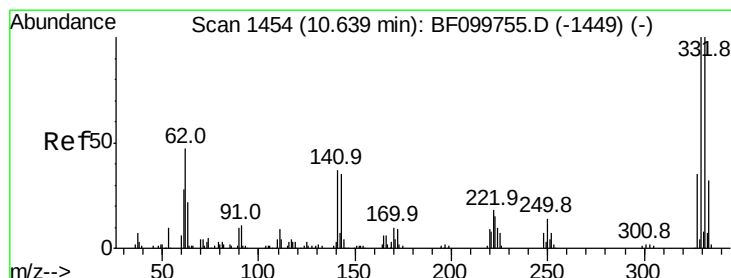
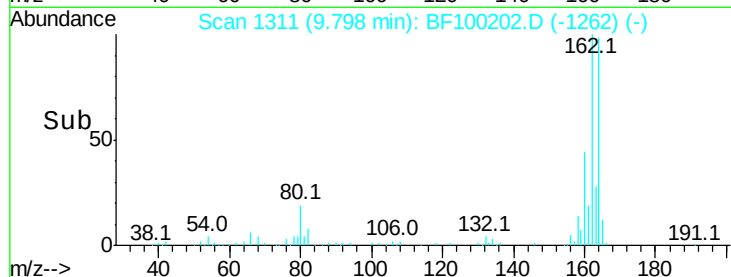
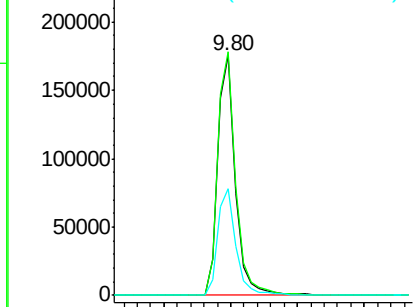
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF100202.D
 Acq: 5 Nov 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 164642
 Ion Ratio Lower Upper
 164 100
 162 101.6 86.1 129.1
 160 44.8 38.3 57.5

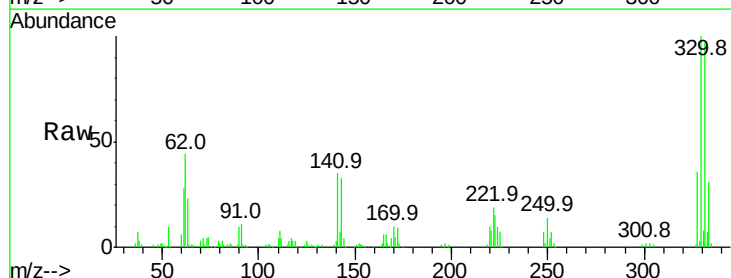


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

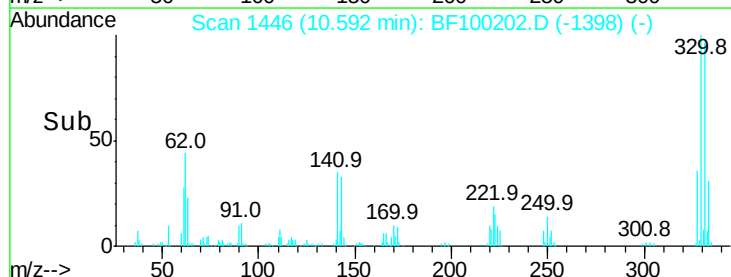
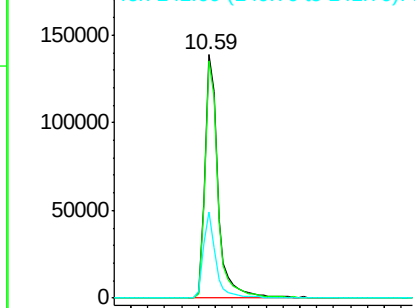


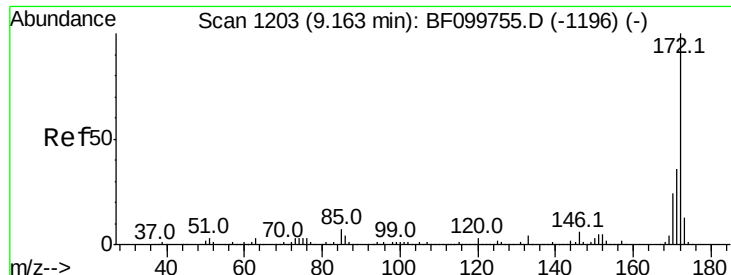
#41
 2,4,6-Tribromophenol
 Concen: 99.521 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF100202.D
 Acq: 5 Nov 2017 2:26

Tgt Ion:330 Resp: 149322
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 33.1 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

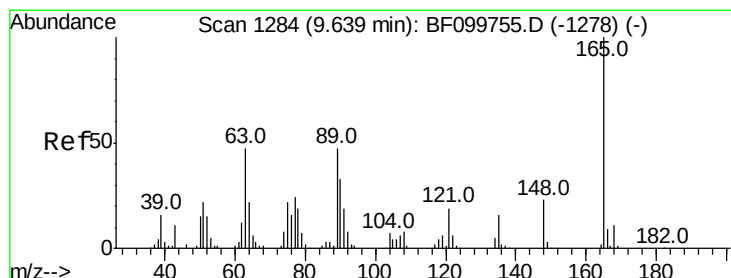
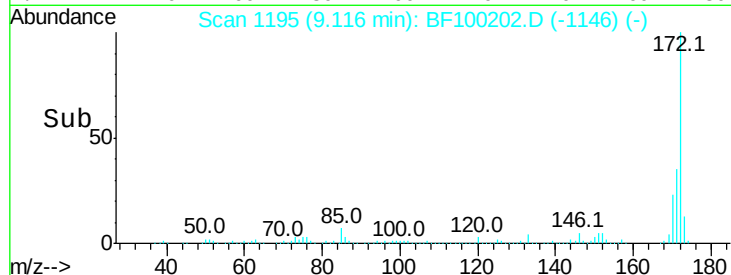
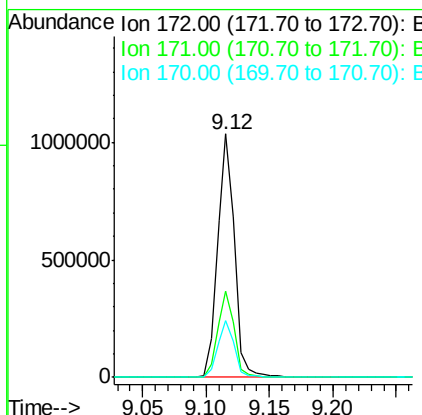
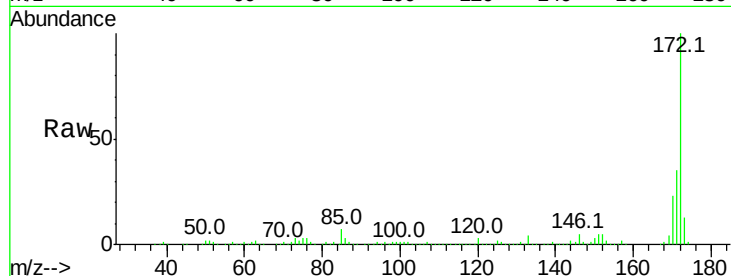




#44
 2-Fluorobiphenyl
 Concen: 91.423 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100202.D
 Acq: 5 Nov 2017 2:26

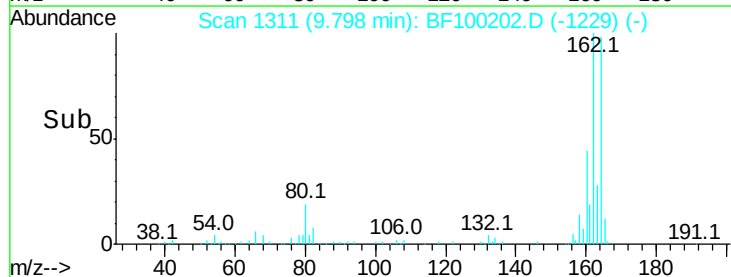
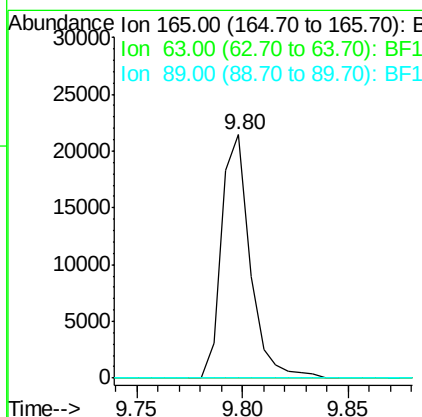
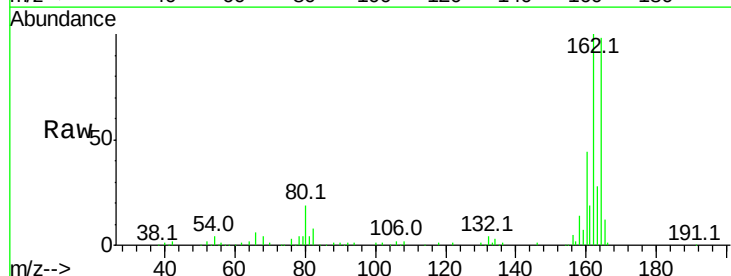
Instrument :
 BNA_F
 ClientSampled :

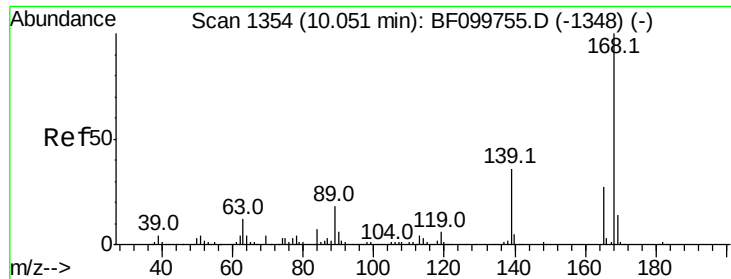
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.333 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100202.D
 Acq: 5 Nov 2017 2:26

Tgt 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: 6.089 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.23 min

Lab File: BF100202.D

Acq: 5 Nov 2017 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20100

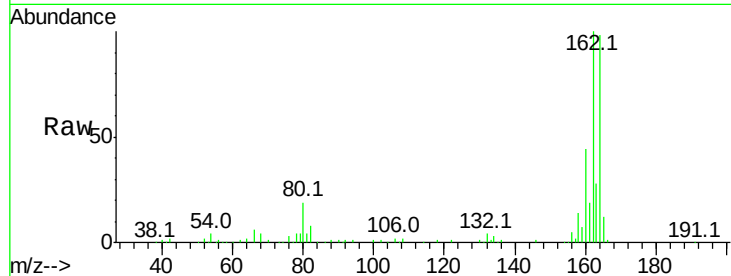
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

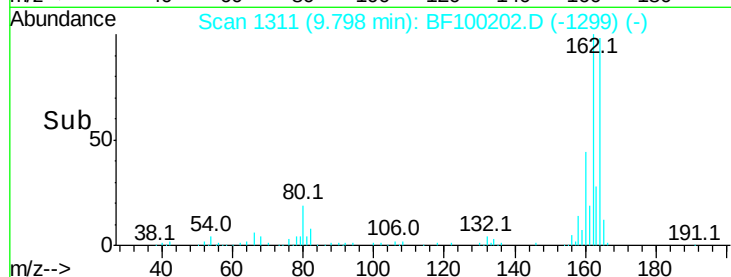


Abundance Ion 165.00 (164.70 to 165.70): E

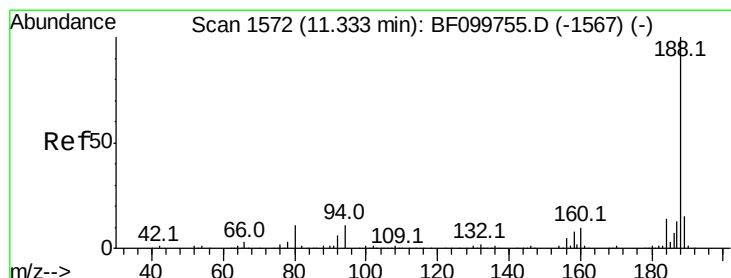
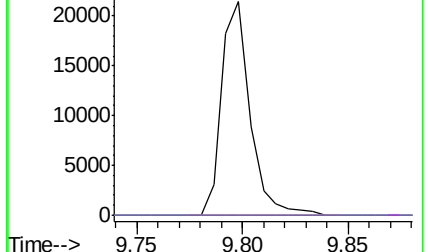
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF100202.D

Acq: 5 Nov 2017 2:26

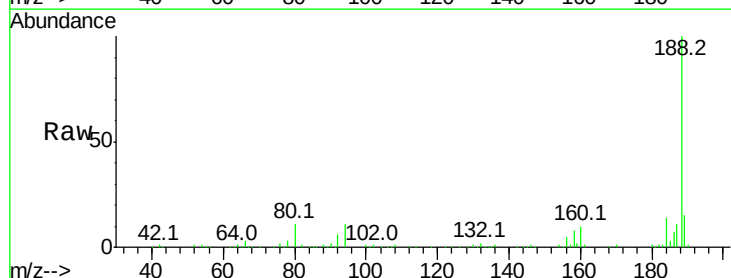
Tgt Ion:188 Resp: 315963

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

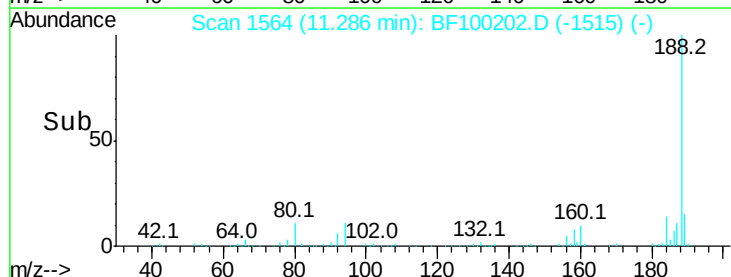
80 11.4 9.2 13.8



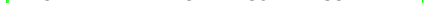
Abundance Ion 188.00 (187.70 to 188.70): E

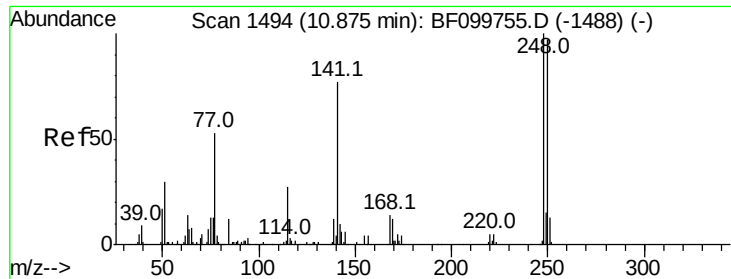
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

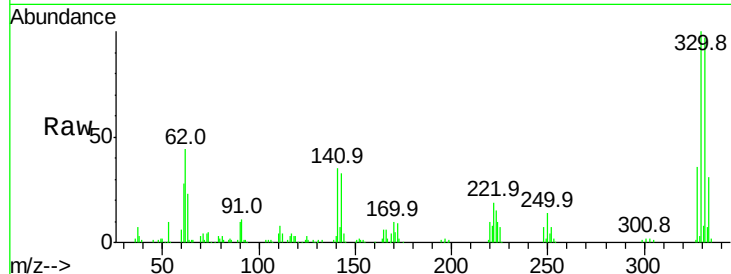




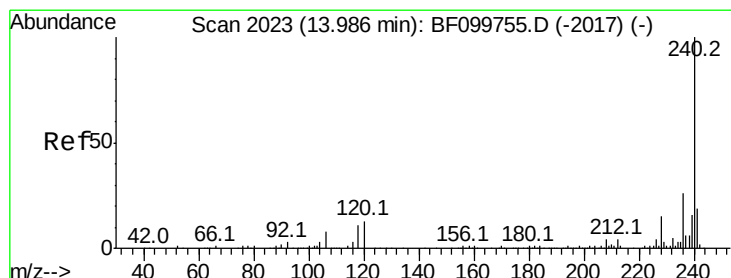
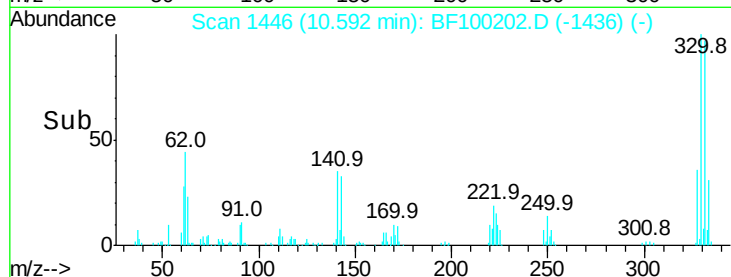
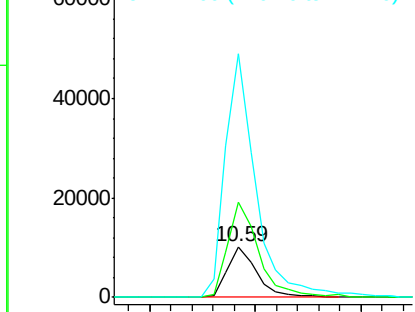
#66
4-Bromophenyl-phenylether
Concen: 2.960 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100202.D
Acq: 5 Nov 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9846
Ion Ratio Lower Upper
248 100
250 189.5 76.9 115.3#
141 483.3 74.4 111.6#

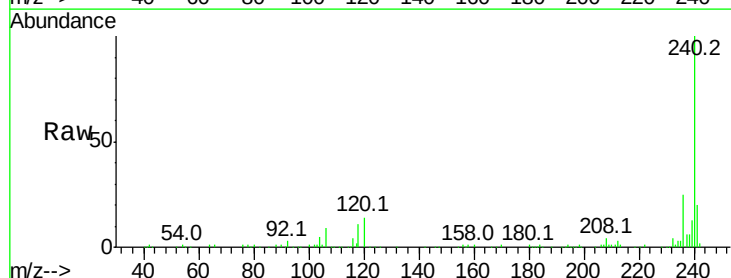


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

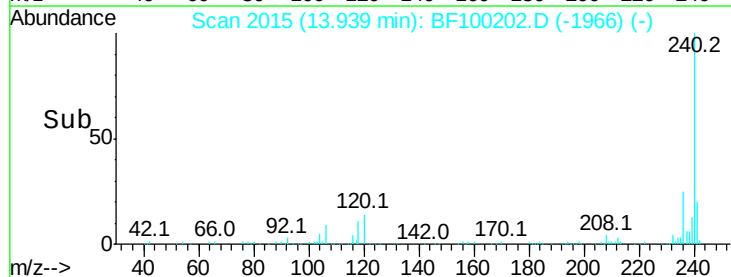
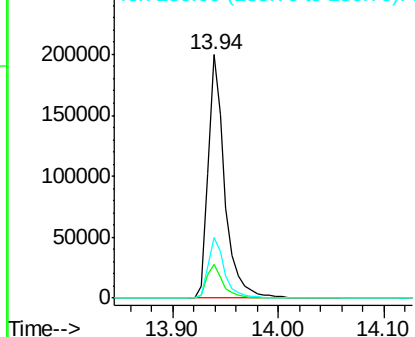


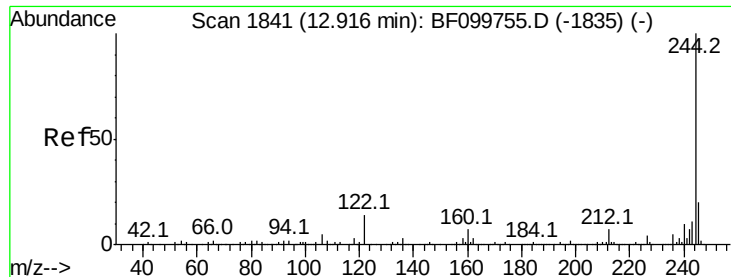
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100202.D
Acq: 5 Nov 2017 2:26

Tgt Ion:240 Resp: 218644
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 24.8 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: 97.744 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100202.D

Acq: 5 Nov 2017 2:26

Instrument :

BNA_F

ClientSampleId :

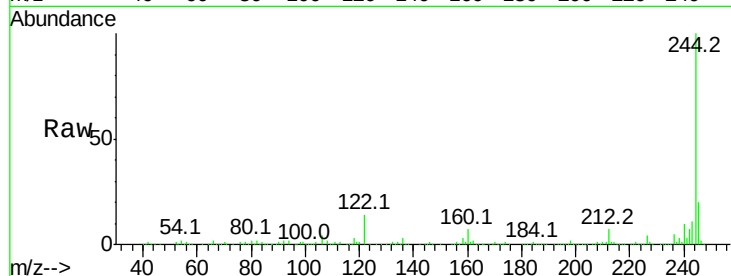
Tot Ion:244 Resp: 977921

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

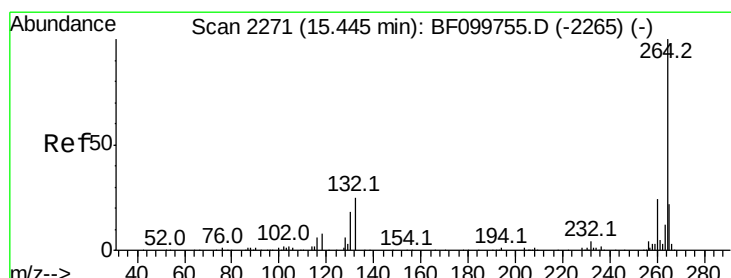
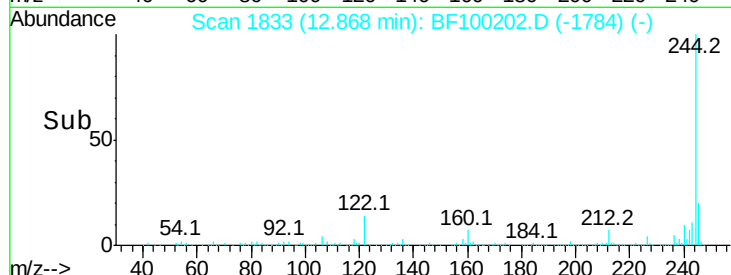
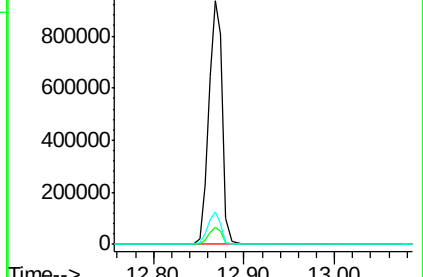
122 13.5 11.0 16.4



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: BF100202.D

Acq: 5 Nov 2017 2:26

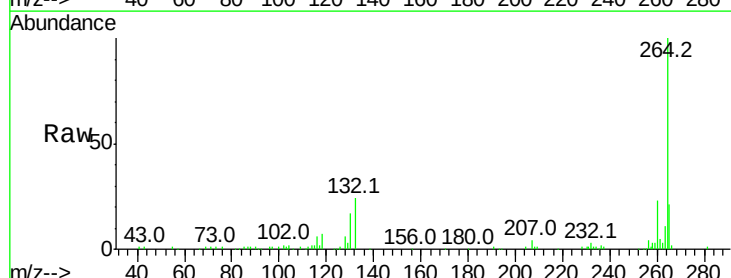
Tgt Ion:264 Resp: 147819

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.5 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

