

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100188.D
 Acq On : 4 Nov 2017 19:37
 Operator : SJ/JU
 Sample : I6313-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:51:46 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

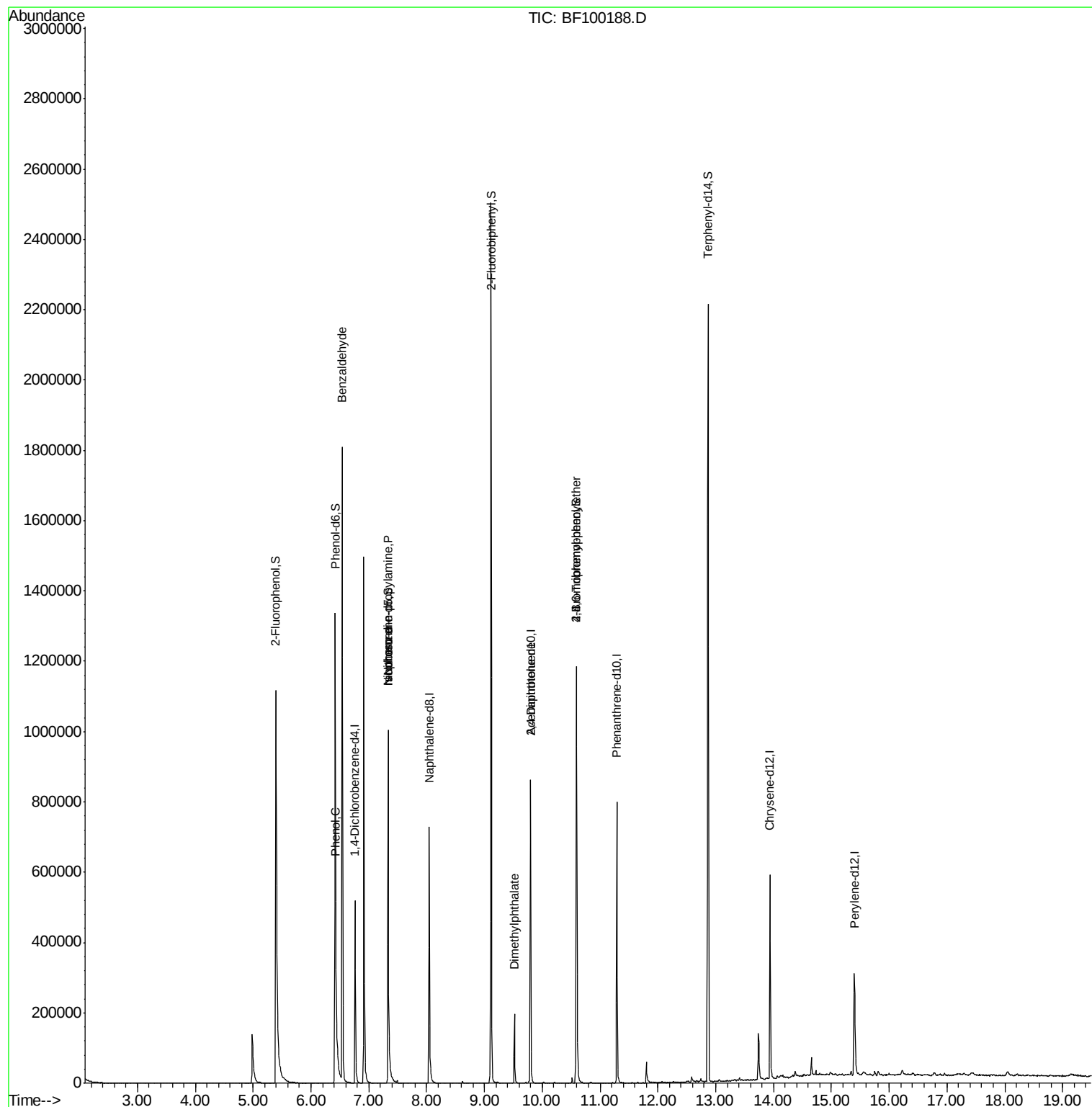
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90479	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	376965	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	177361	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	331645	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	208176	20.00	ng	-0.01
86) Perylene-d12	15.40	264	156778	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	567904	98.54	ng	0.00
7) Phenol-d6	6.42	99	696115	101.87	ng	-0.01
23) Nitrobenzene-d5	7.33	82	379239	64.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	159836	98.89	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	797060	69.34	ng	-0.01
78) Terphenyl-d14	12.87	244	734305	77.09	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.54	77	10210	2.500	ng	Qvalue 93
10) Phenol	6.43	94	27667	3.688	ng	# 77
19) n-Nitroso-di-n-propylamine	7.33	70	46408	11.589	ng	# 72
25) Isophorone	7.33	82	379239	35.694	ng	# 64
49) Dimethylphthalate	9.52	163	89835	6.396	ng	100
56) 2,4-Dinitrotoluene	9.80	165	22559	6.344	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	10220	2.927	ng	# 1

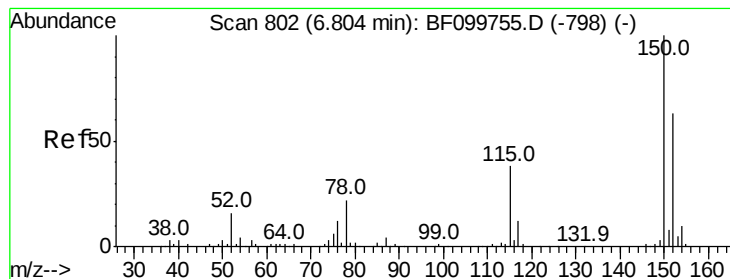
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



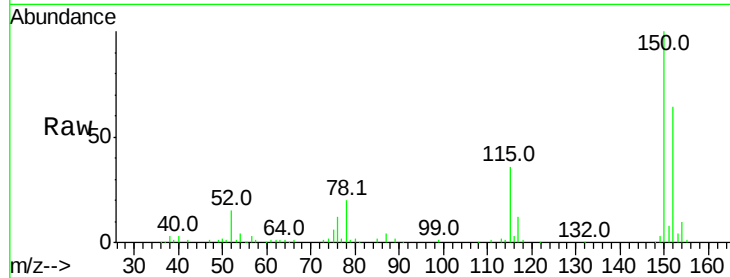


#1

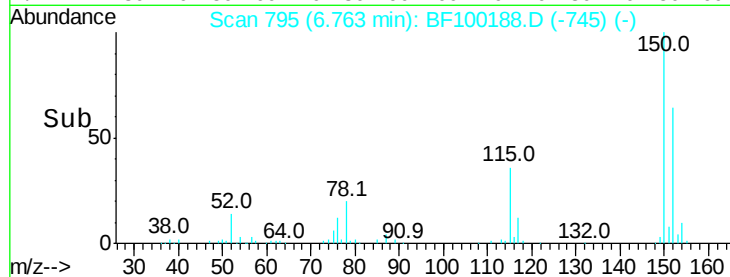
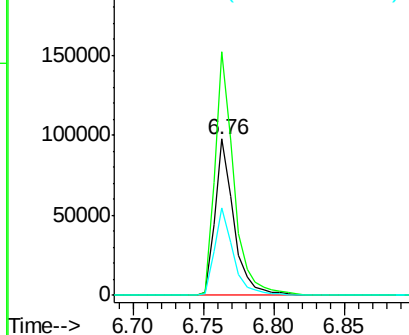
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100188.D
 Acq: 4 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 90479
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.6 186.8
 115 56.3 50.1 75.1



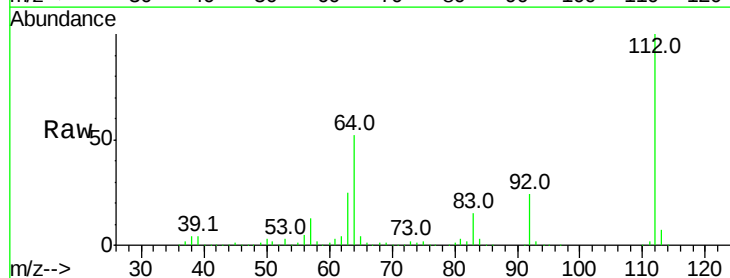
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



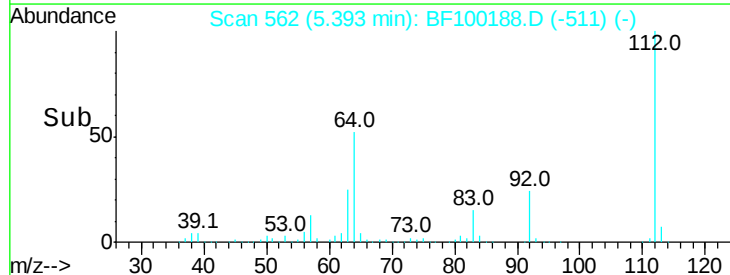
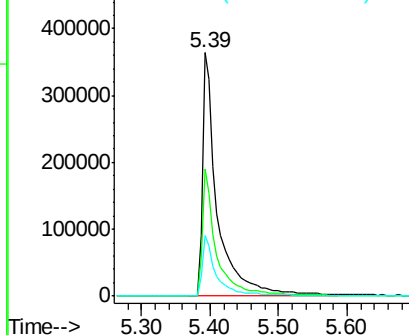
#5

2-Fluorophenol
 Concen: 98.541 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF100188.D
 Acq: 4 Nov 2017 19:37

Tgt Ion:112 Resp: 567904
 Ion Ratio Lower Upper
 112 100
 64 52.1 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: 101.869 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100188.D

Acq: 4 Nov 2017 19:37

Instrument :

BNA_F

ClientSampleId :

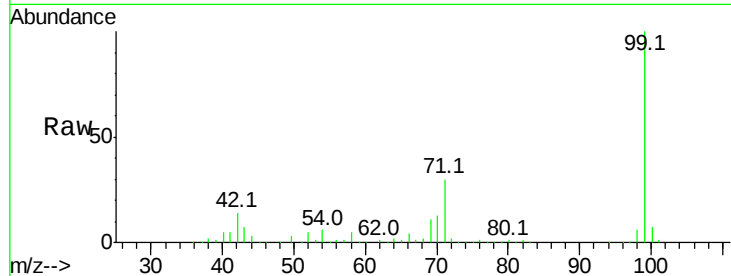
Tot Ion: 99 Resp: 696115

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

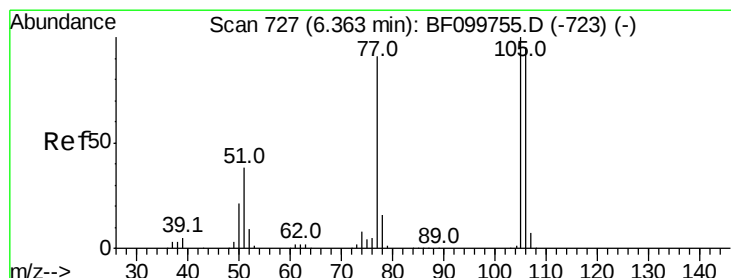
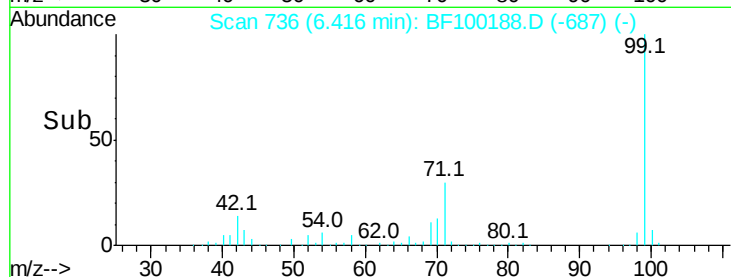
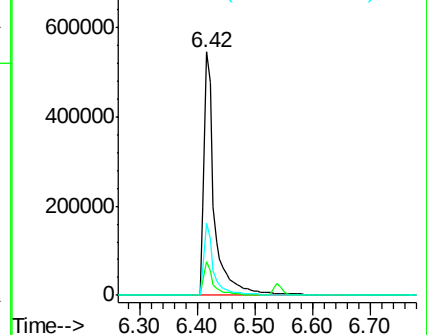
71 29.7 25.4 38.0



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: 2.500 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100188.D

Acq: 4 Nov 2017 19:37

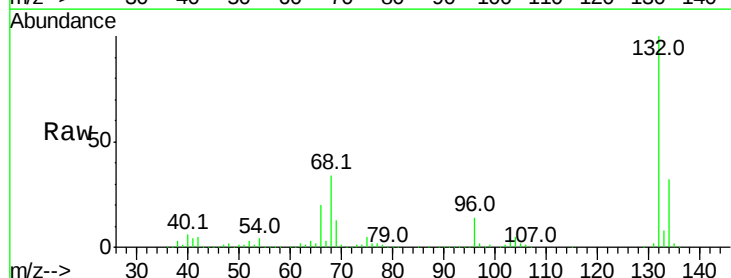
Tgt Ion: 77 Resp: 10210

Ion Ratio Lower Upper

77 100

105 93.7 81.1 121.1

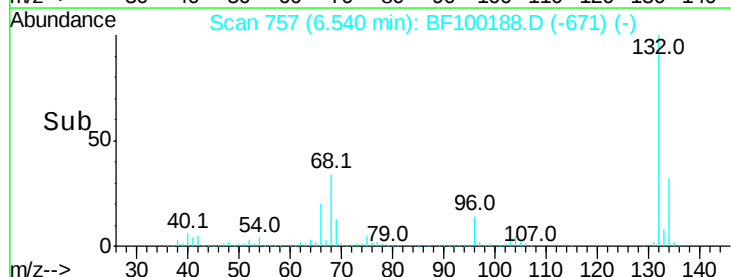
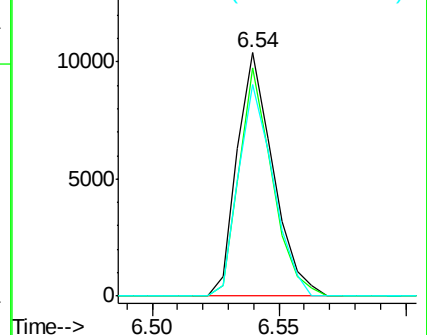
106 87.1 74.5 114.5

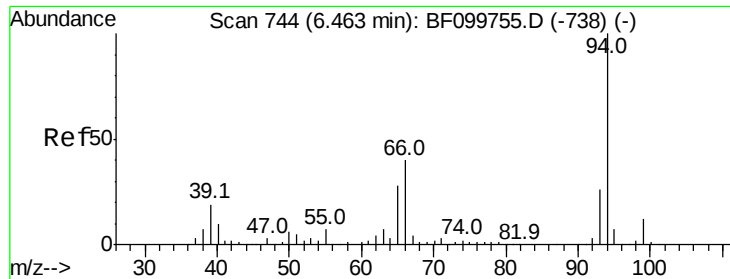


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 3.688 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100188.D

Acq: 4 Nov 2017 19:37

Instrument :

BNA_F

ClientSampleId :

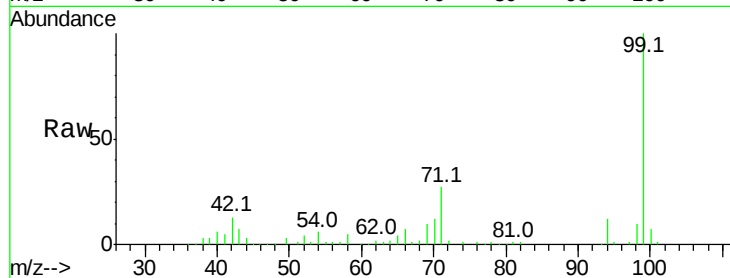
Tot Ion: 94 Resp: 27667

Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

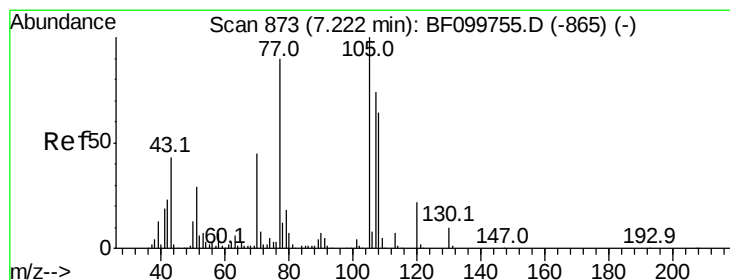
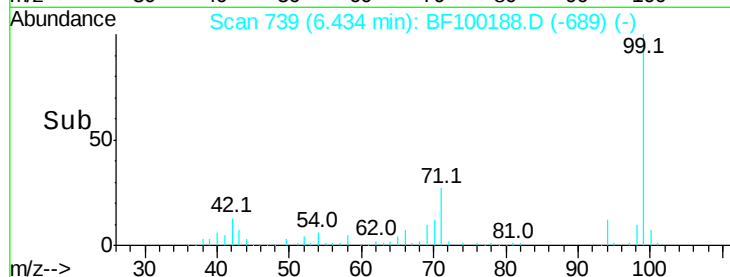
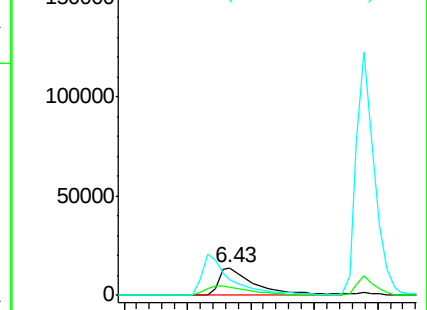
66 58.2 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.589 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF100188.D

Acq: 4 Nov 2017 19:37

Tgt Ion: 70 Resp: 46408

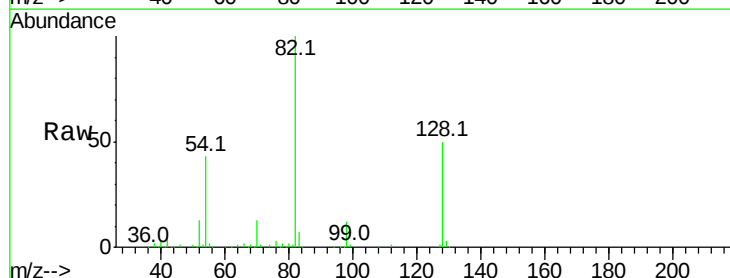
Ion Ratio Lower Upper

70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

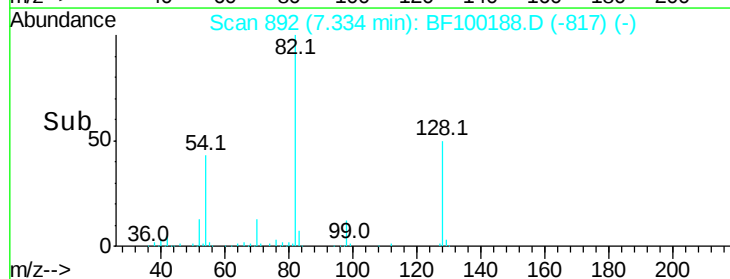
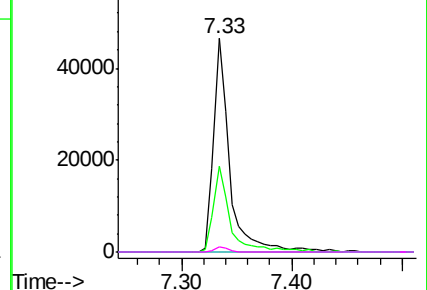


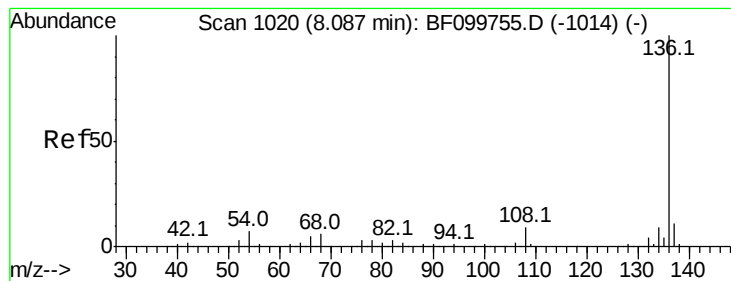
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100188.D

Acq: 4 Nov 2017 19:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376965

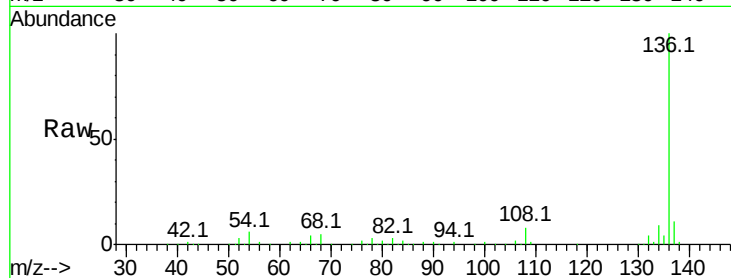
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.2 6.6 9.8#

68 5.4 5.0 7.4

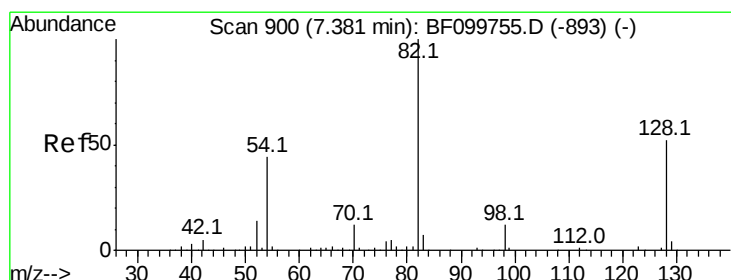
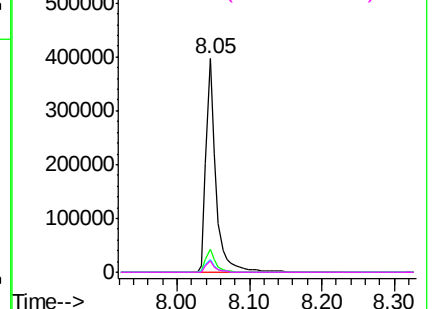
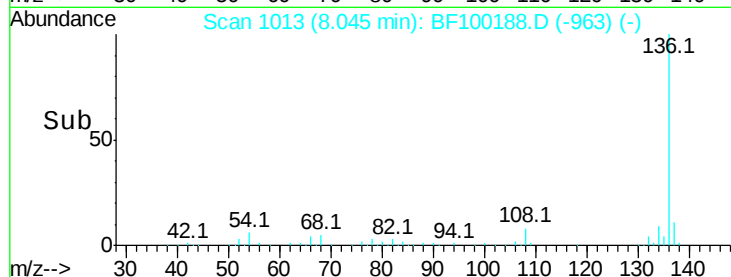


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.769 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF100188.D

Acq: 4 Nov 2017 19:37

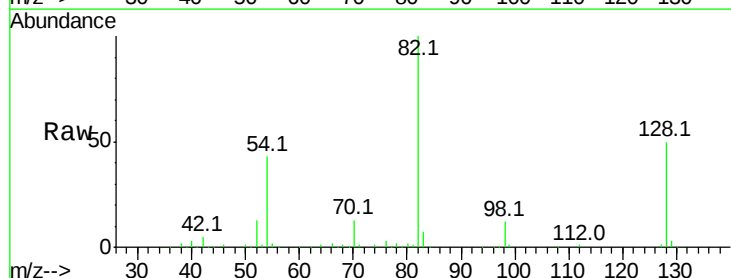
Tgt Ion: 82 Resp: 379239

Ion Ratio Lower Upper

82 100

128 50.2 36.1 54.1

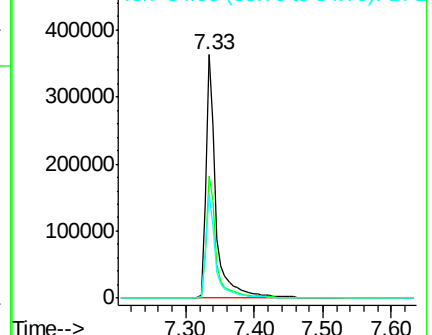
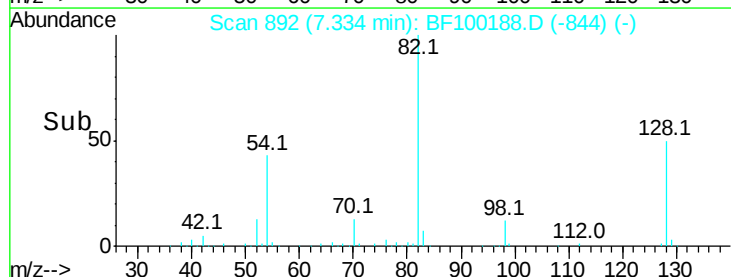
54 43.0 41.4 62.2



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: 35.694 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100188.D

Acq: 4 Nov 2017 19:37

Instrument :

BNA_F

ClientSampled :

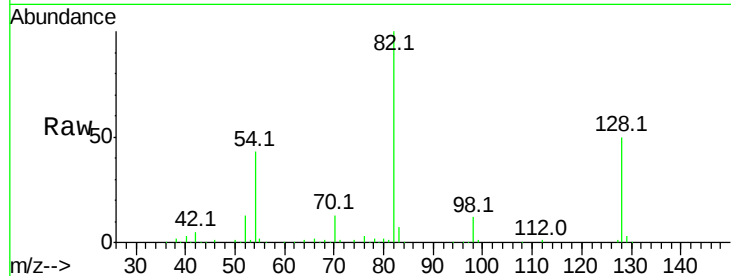
Tot Ion: 82 Resp: 379239

Ion Ratio Lower Upper

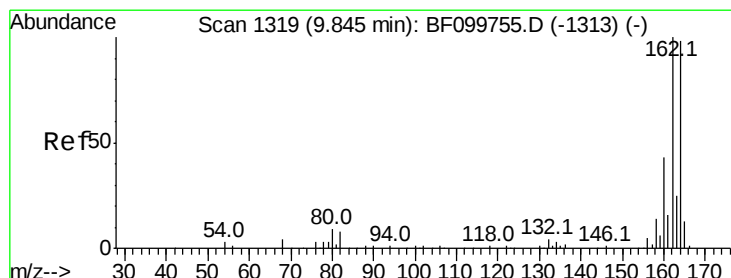
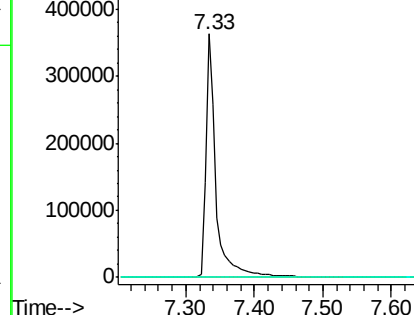
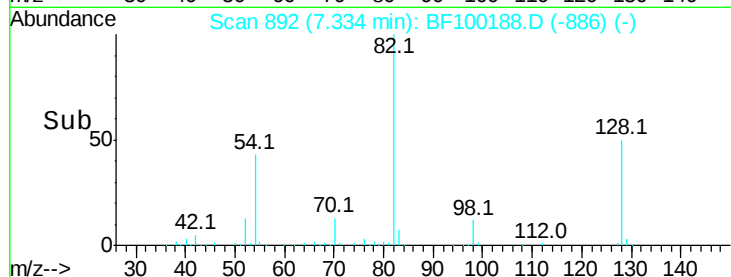
82 100

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: BF100188.D

Acq: 4 Nov 2017 19:37

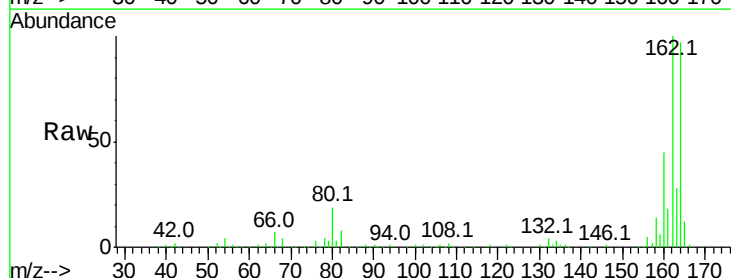
Tgt Ion:164 Resp: 177361

Ion Ratio Lower Upper

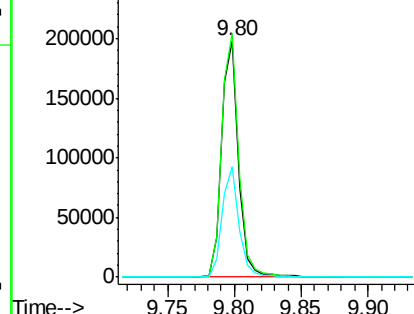
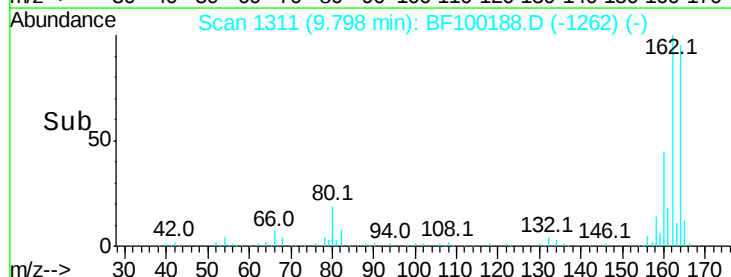
164 100

162 103.1 86.1 129.1

160 46.6 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

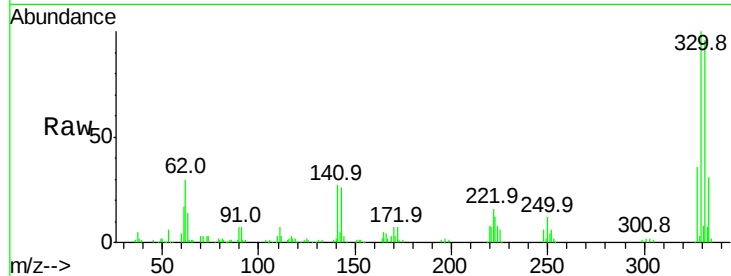




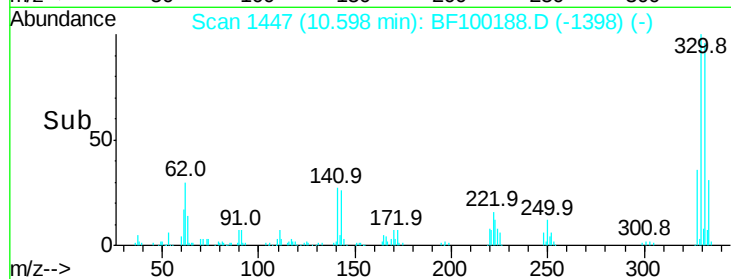
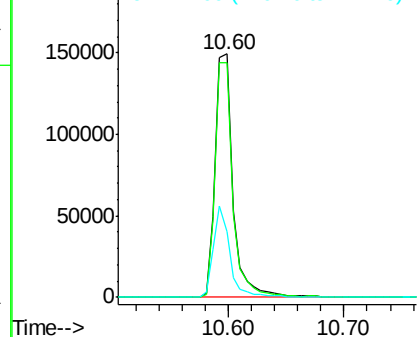
#41
 2,4,6-Tribromophenol
 Concen: 98.889 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF100188.D
 Acq: 4 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	34.6	29.9	44.9

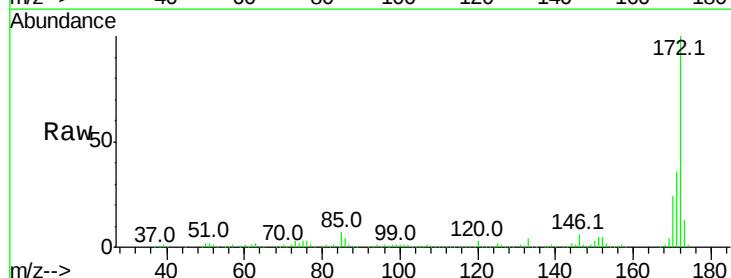


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

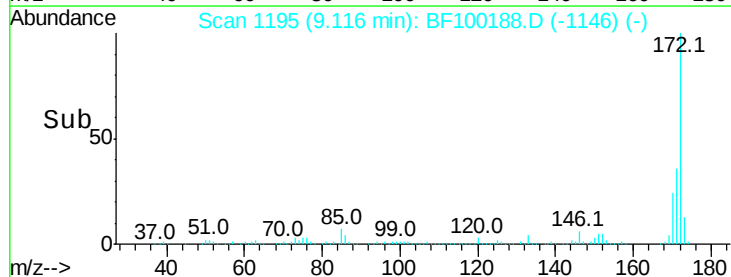
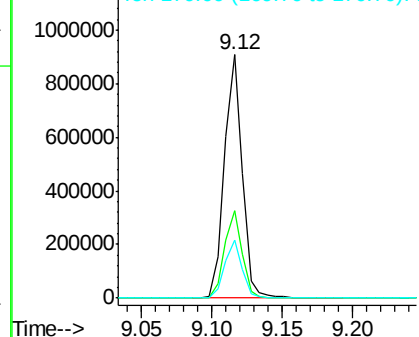


#44
 2-Fluorobiphenyl
 Concen: 69.335 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100188.D
 Acq: 4 Nov 2017 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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





#49

Dimethylphthalate

Concen: 6.396 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF100188.D

Acq: 4 Nov 2017 19:37

Instrument :

BNA_F

ClientSampleId :

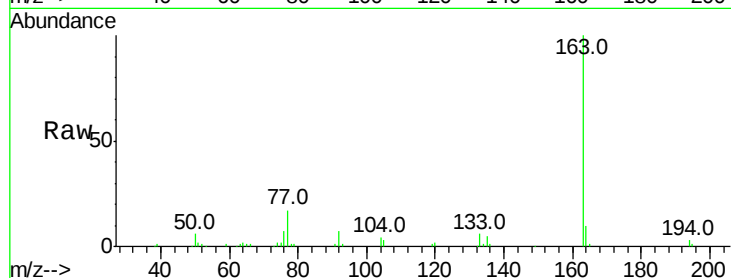
Tot Ion:163 Resp: 89835

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

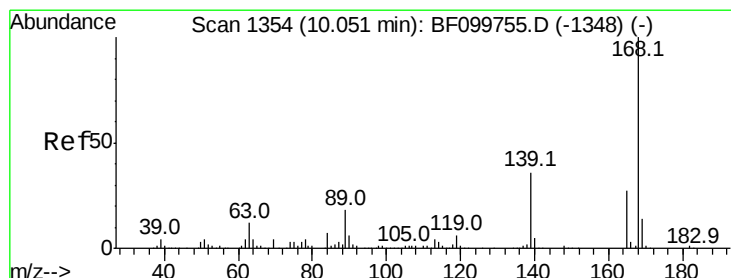
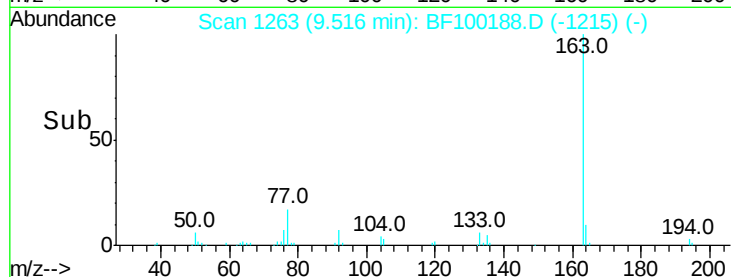
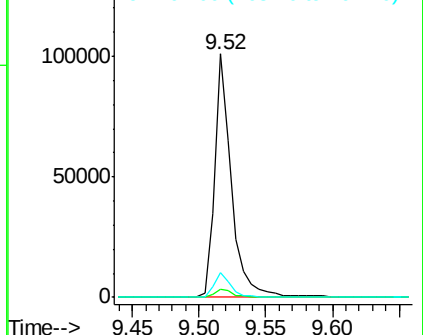
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.344 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.23 min

Lab File: BF100188.D

Acq: 4 Nov 2017 19:37

Tgt Ion:165 Resp: 22559

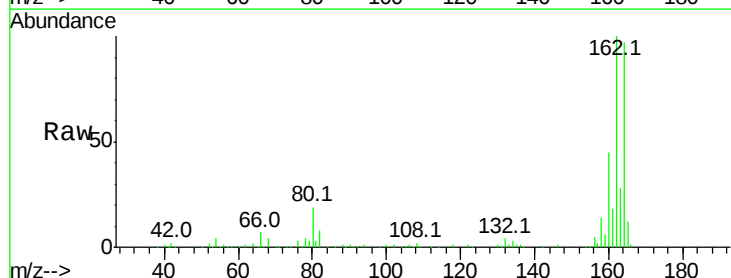
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

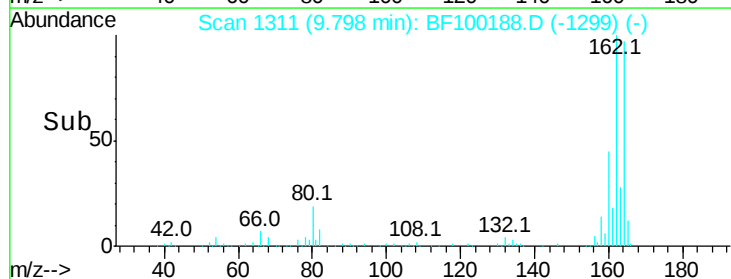
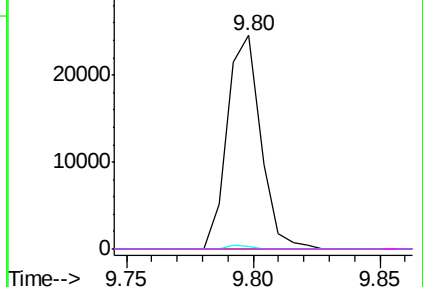


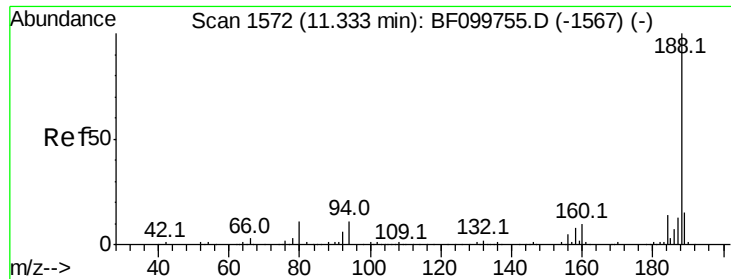
Abundance Ion 165.00 (164.70 to 165.70): E

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

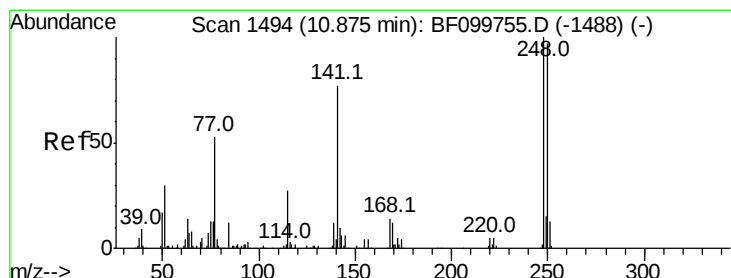
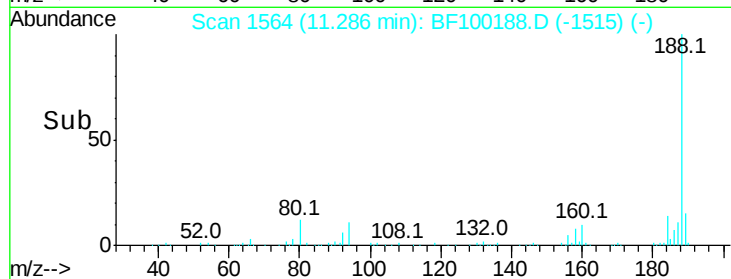
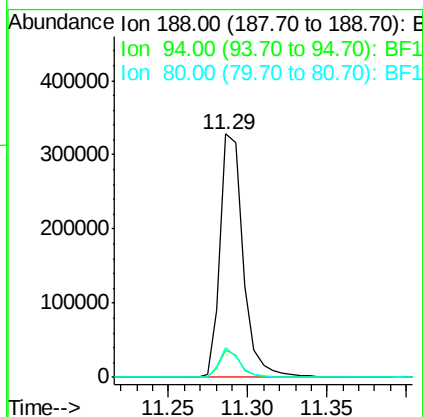
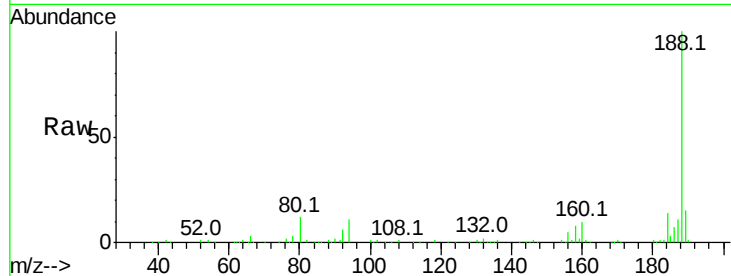




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100188.D
Acq: 4 Nov 2017 19:37

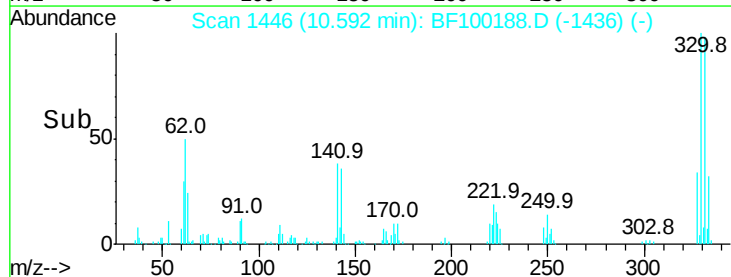
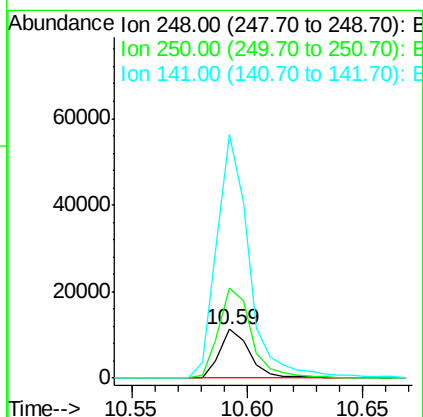
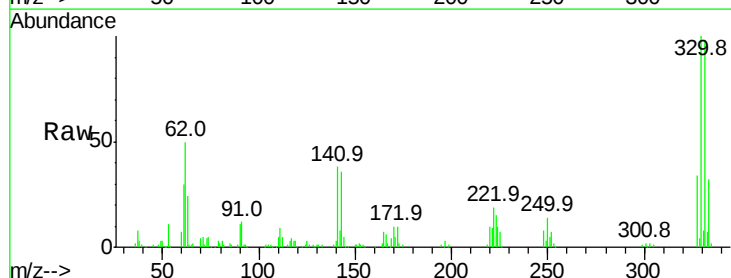
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 331645
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.3 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.927 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100188.D
Acq: 4 Nov 2017 19:37

Tgt Ion:248 Resp: 10220
Ion Ratio Lower Upper
248 100
250 184.1 76.9 115.3#
141 500.3 74.4 111.6#

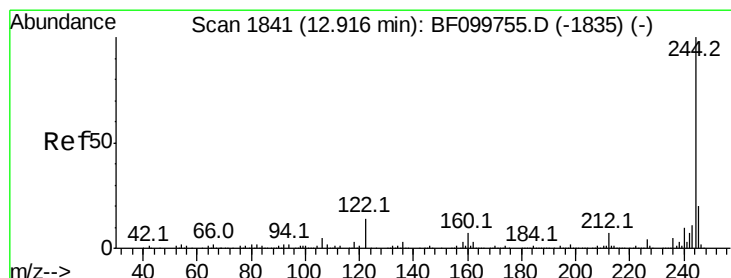
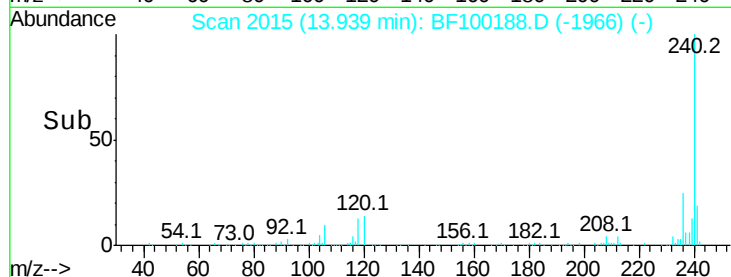
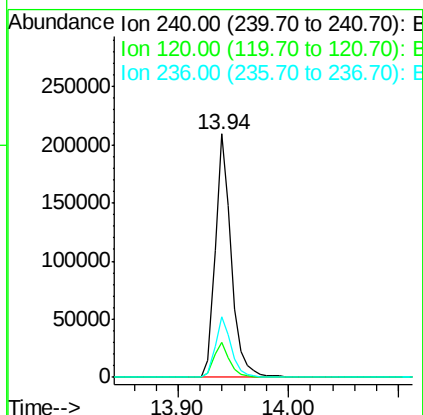
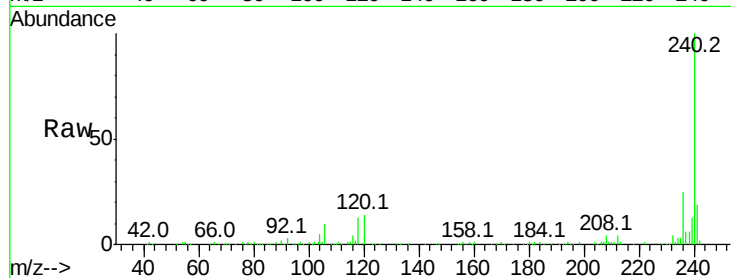




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100188.D
 Acq: 4 Nov 2017 19:37

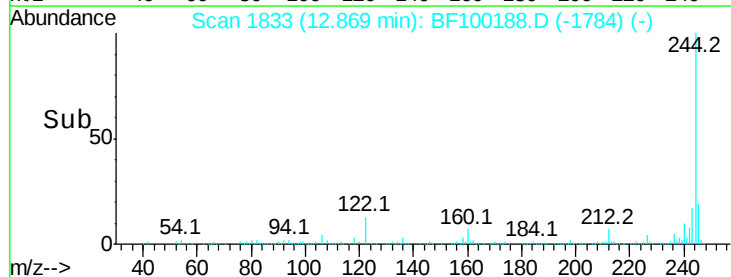
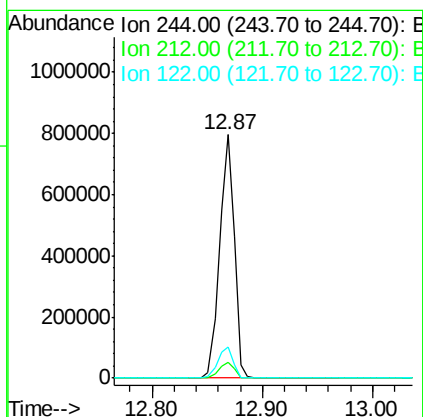
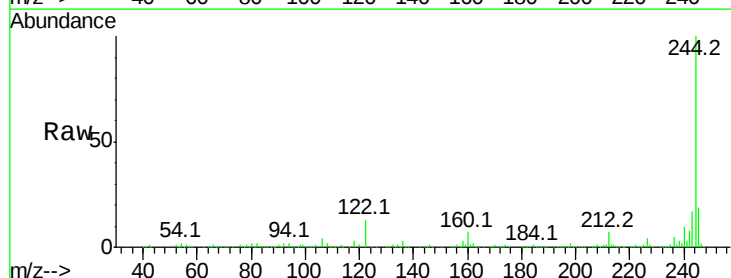
Instrument :
 BNA_F
 ClientSampled :

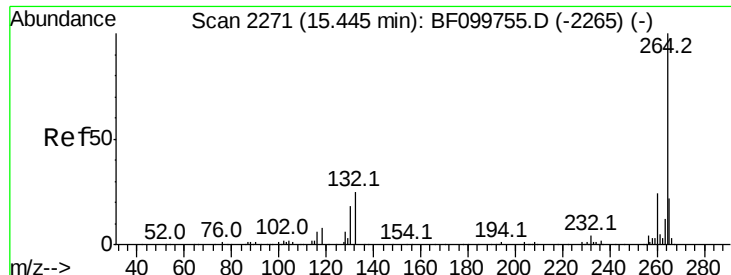
Tot Ion:240 Resp: 208176
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 24.9 20.7 31.1



#78
 Terphenyl-d14
 Concen: 77.085 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF100188.D
 Acq: 4 Nov 2017 19:37

Tgt Ion:244 Resp: 734305
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.5 11.0 16.4

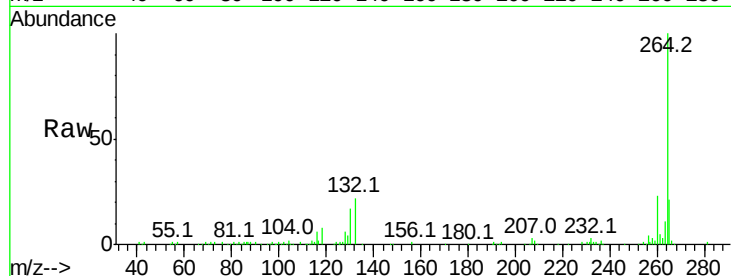




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF100188.D
 Acq: 4 Nov 2017 19:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	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

