

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100186.D
 Acq On : 4 Nov 2017 18:44
 Operator : SJ/JU
 Sample : I6099-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:51:22 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

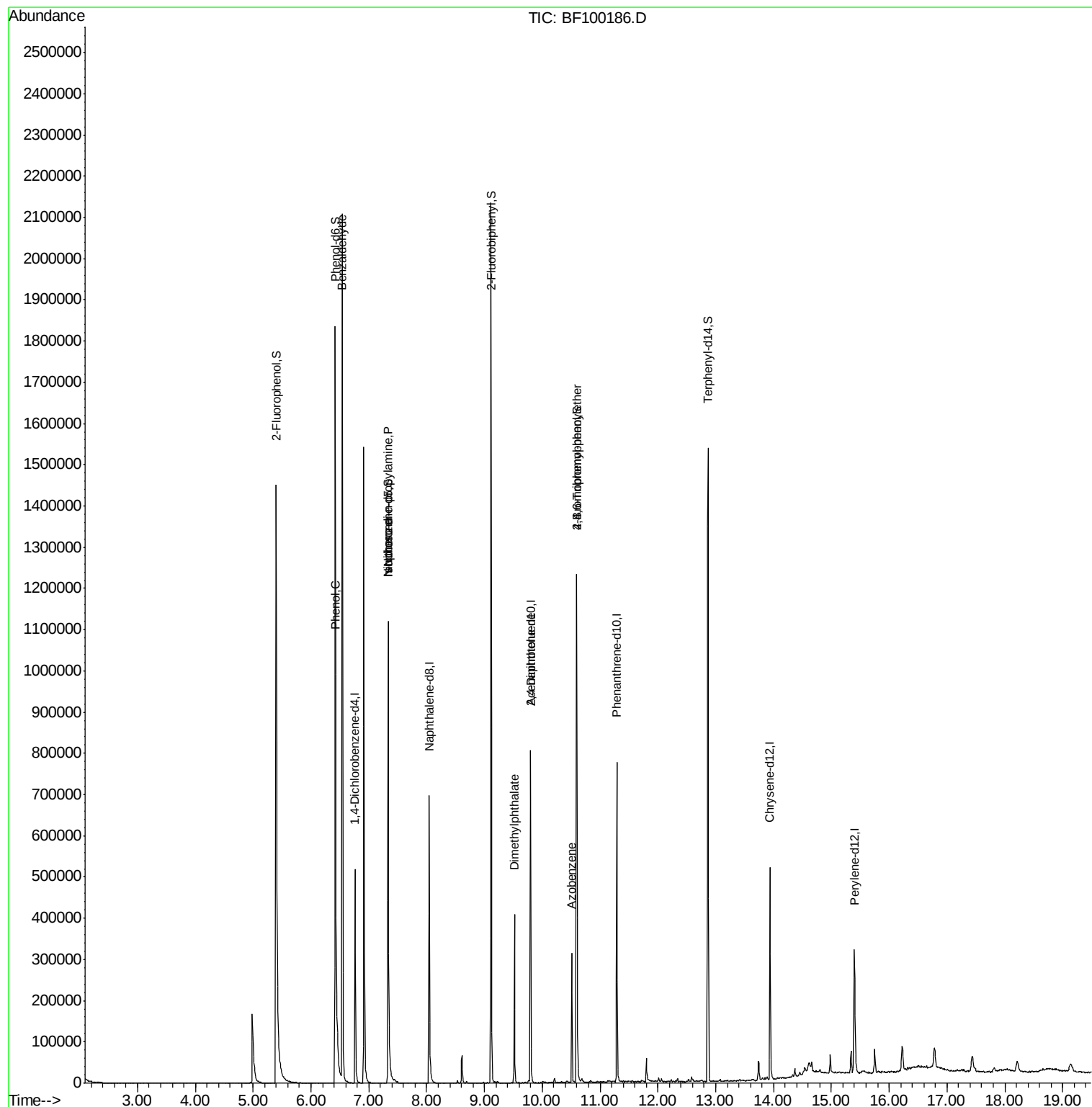
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	88833	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	365637	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	166417	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	302397	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	183083	20.00	ng	-0.01
86) Perylene-d12	15.40	264	150043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	706934	124.94	ng	0.00
7) Phenol-d6	6.42	99	846810	126.22	ng	0.00
23) Nitrobenzene-d5	7.33	82	447609	78.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	178385	117.62	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	664864	61.64	ng	-0.01
78) Terphenyl-d14	12.87	244	495297	59.12	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.54	77	12347	3.080	ng	88
10) Phenol	6.43	94	20339	2.761	ng	# 63
19) n-Nitroso-di-n-propylamine	7.33	70	56546	14.382	ng	# 69
25) Isophorone	7.33	82	447609	43.434	ng	# 64
49) Dimethylphthalate	9.52	163	172460	13.086	ng	100
56) 2,4-Dinitrotoluene	9.80	165	21161	6.342	ng	# 21
62) Azobenzene	10.51	77	48338	4.481	ng	# 1
66) 4-Bromophenyl-phenylether	10.59	248	11317	3.555	ng	# 1

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

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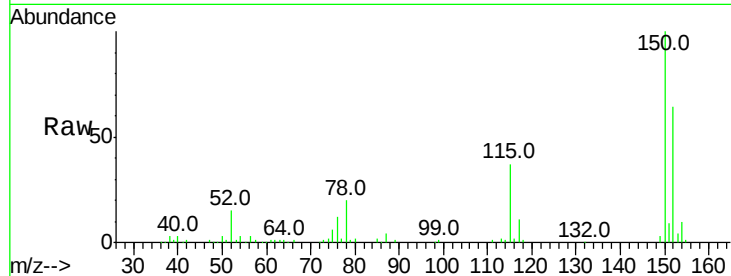


#1

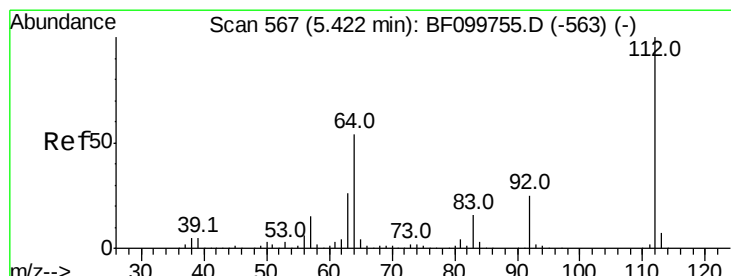
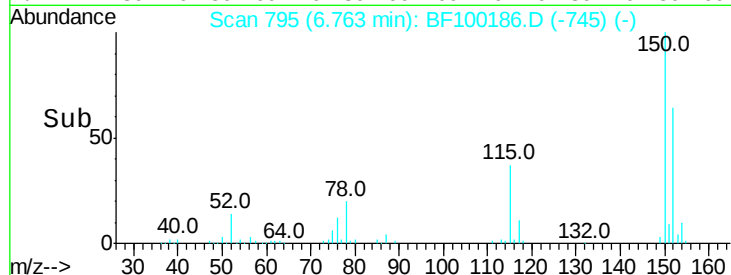
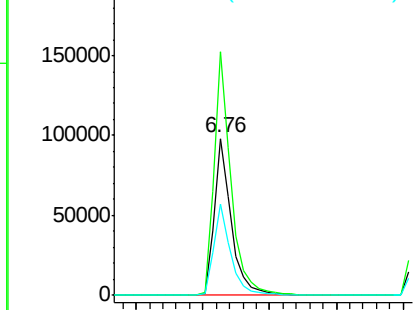
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100186.D
 Acq: 4 Nov 2017 18:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 88833
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 58.2 50.1 75.1



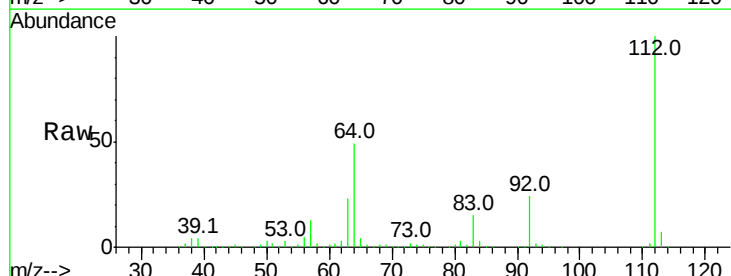
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



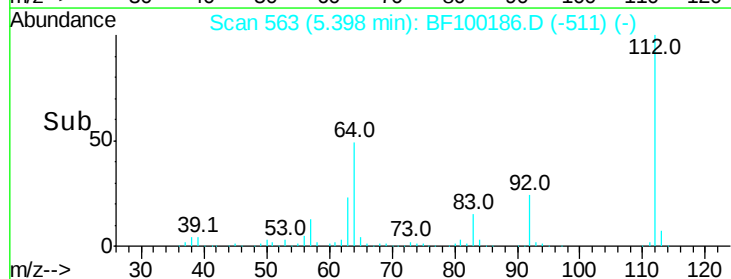
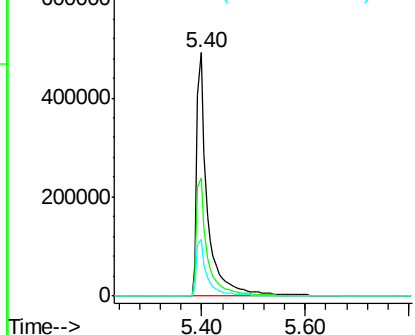
#5

2-Fluorophenol
 Concen: 124.938 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100186.D
 Acq: 4 Nov 2017 18:44

Tgt Ion:112 Resp: 706934
 Ion Ratio Lower Upper
 112 100
 64 48.8 47.9 71.9
 63 23.4 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: 126.218 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100186.D

Acq: 4 Nov 2017 18:44

Instrument :

BNA_F

ClientSampled :

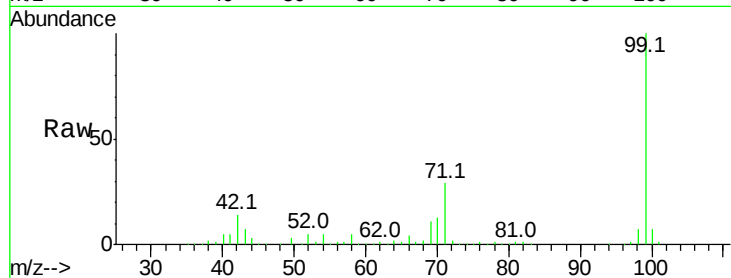
Tot Ion: 99 Resp: 846810

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

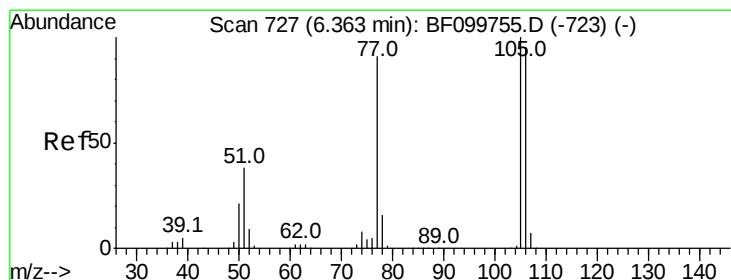
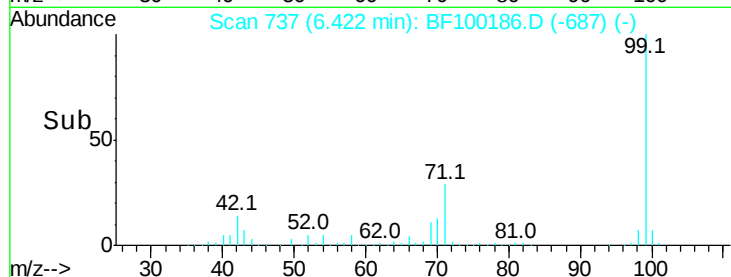
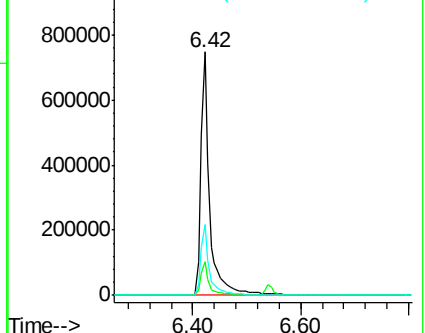
71 29.1 25.4 38.0



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: 3.080 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100186.D

Acq: 4 Nov 2017 18:44

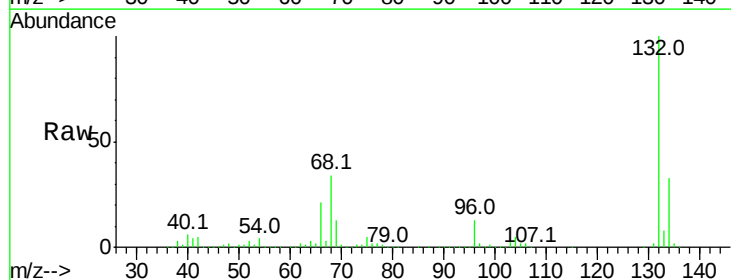
Tgt Ion: 77 Resp: 12347

Ion Ratio Lower Upper

77 100

105 87.5 81.1 121.1

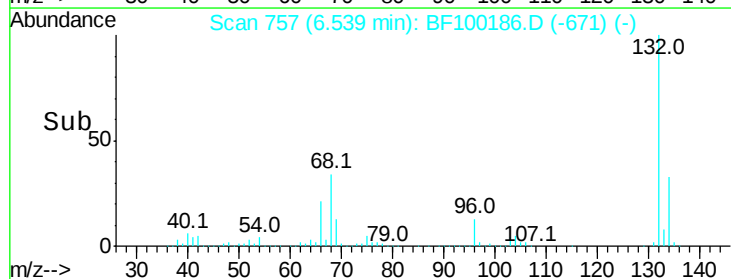
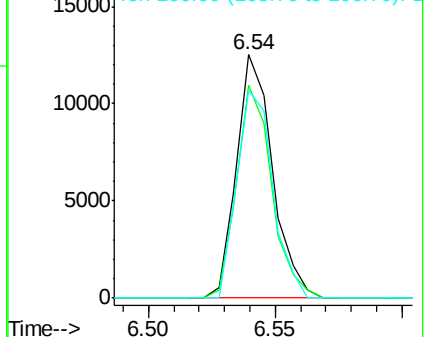
106 85.3 74.5 114.5

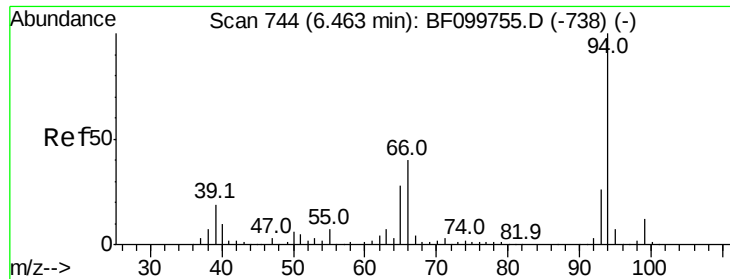


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.761 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100186.D

Acq: 4 Nov 2017 18:44

Instrument :

BNA_F

ClientSampleId :

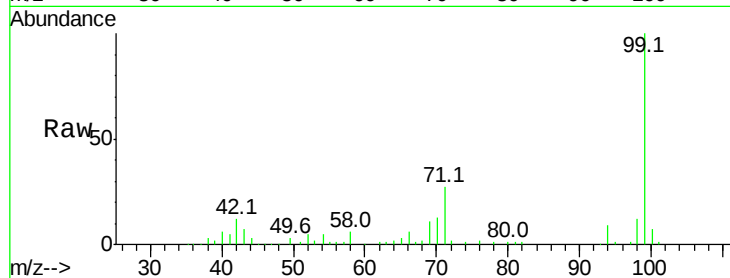
Tot Ion: 94 Resp: 20339

Ion Ratio Lower Upper

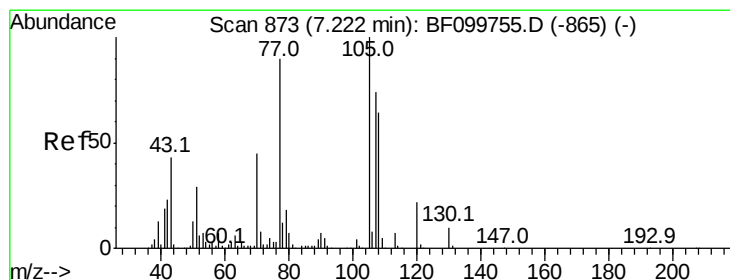
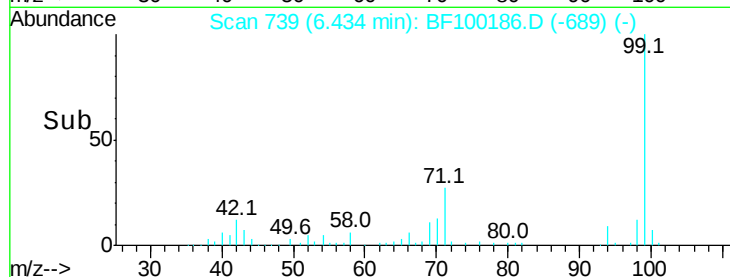
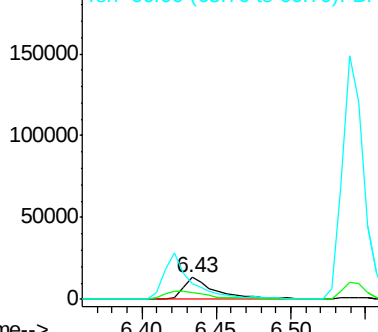
94 100

65 32.7 7.9 47.9

66 70.5 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: 14.382 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF100186.D

Acq: 4 Nov 2017 18:44

Tgt Ion: 70 Resp: 56546

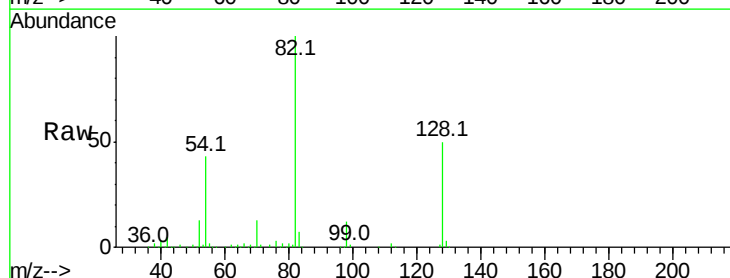
Ion Ratio Lower Upper

70 100

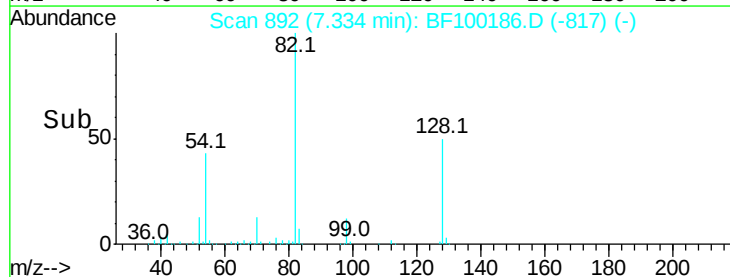
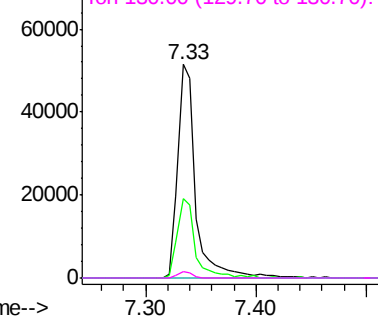
42 37.4 47.5 71.3#

101 0.0 7.4 11.2#

130 3.0 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

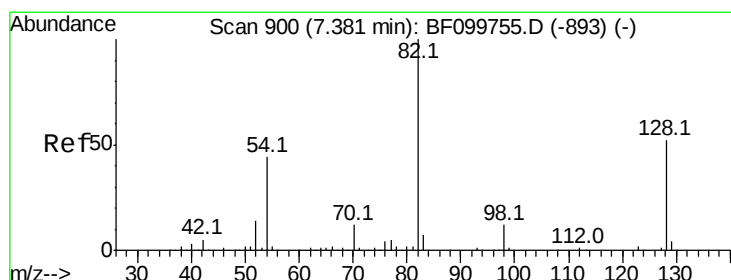
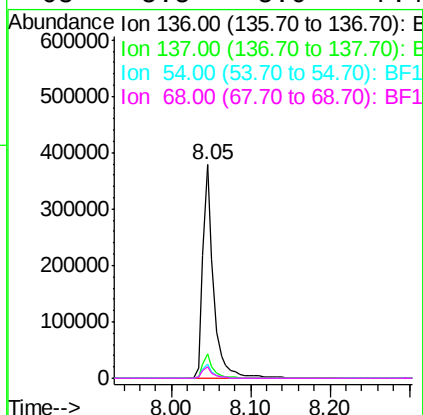
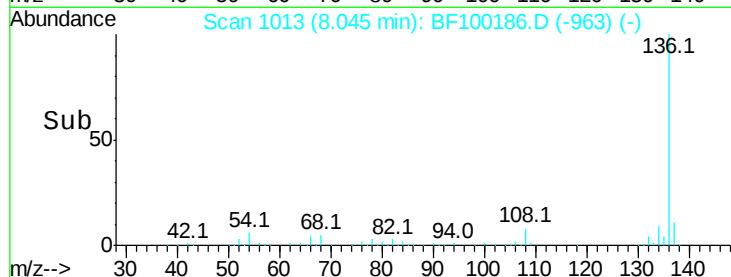
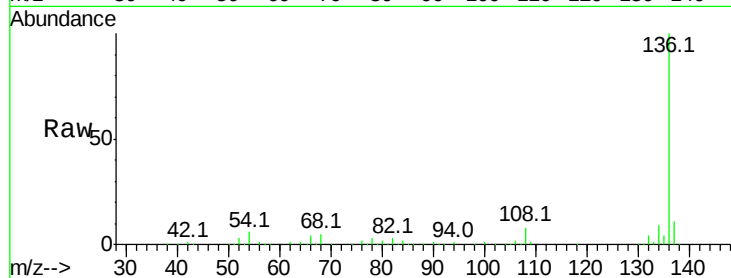




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100186.D
Acq: 4 Nov 2017 18:44

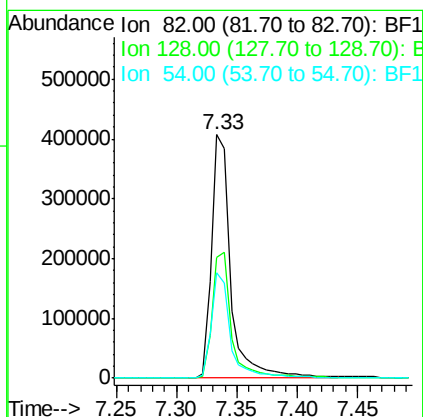
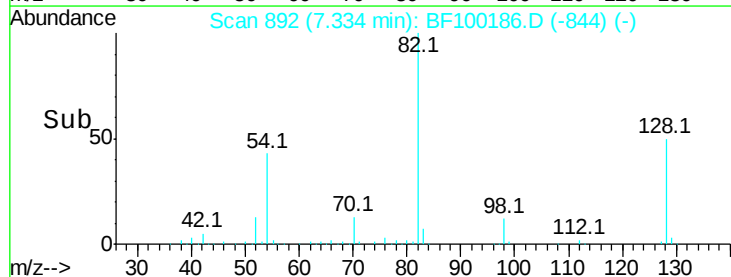
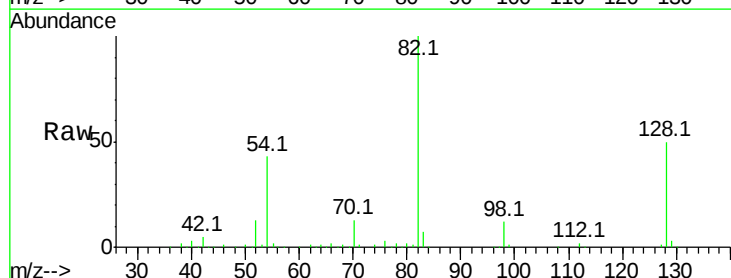
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	365637
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.4	6.6	9.8#
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 78.814 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF100186.D
Acq: 4 Nov 2017 18:44

Tgt Ion:	82	Resp:	447609
Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	43.1	41.4	62.2





#25

Isophorone

Concen: 43.434 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF100186.D

Acq: 4 Nov 2017 18:44

Instrument :

BNA_F

ClientSampleId :

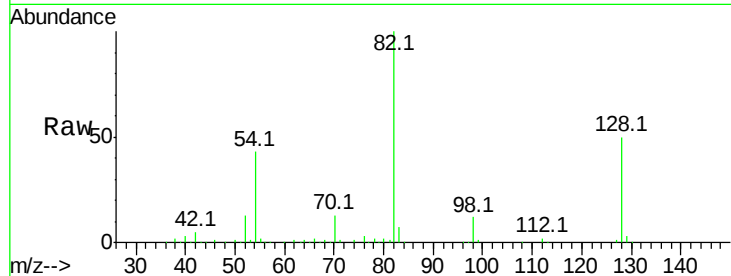
Tot Ion: 82 Resp: 447609

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

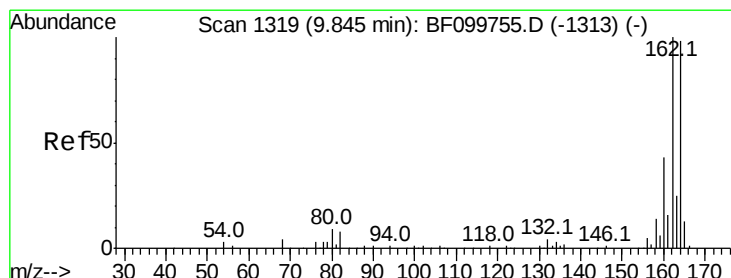
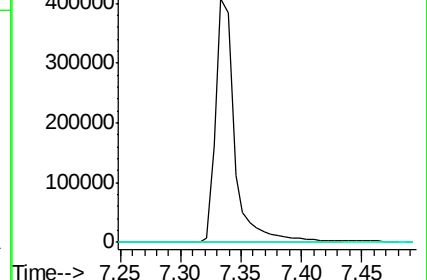
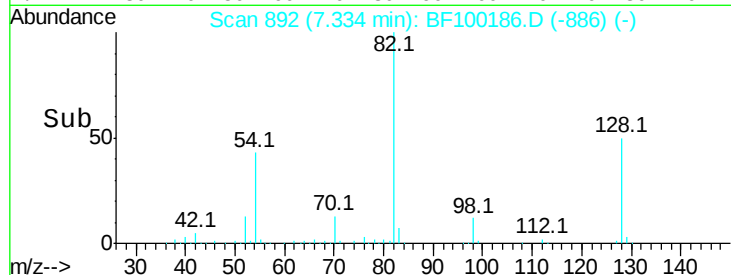
138 0.0 14.9 22.3#



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: BF100186.D

Acq: 4 Nov 2017 18:44

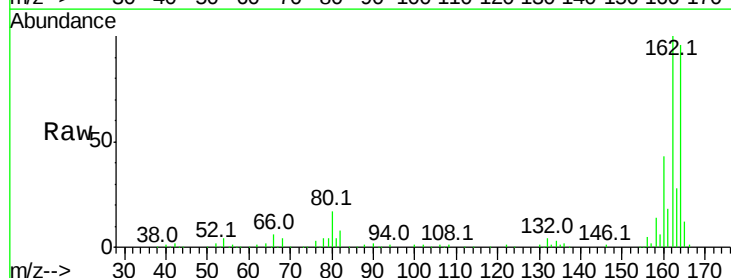
Tgt Ion:164 Resp: 166417

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

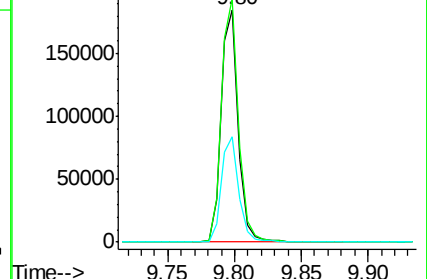
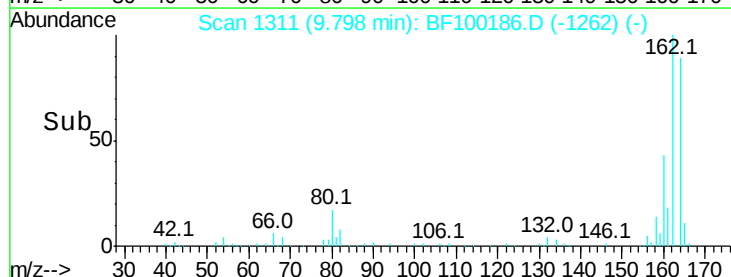
160 45.5 38.3 57.5



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

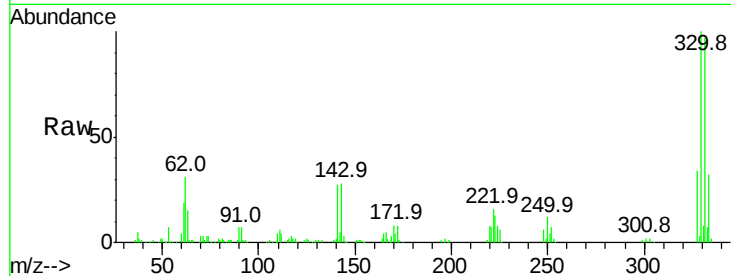




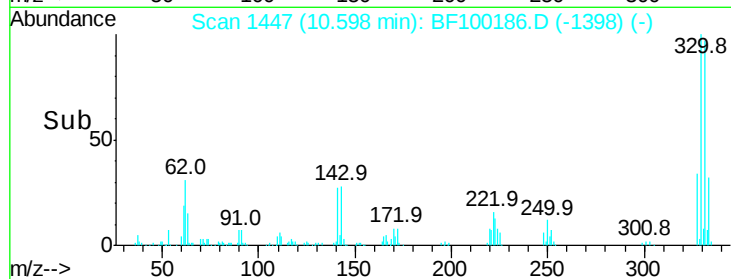
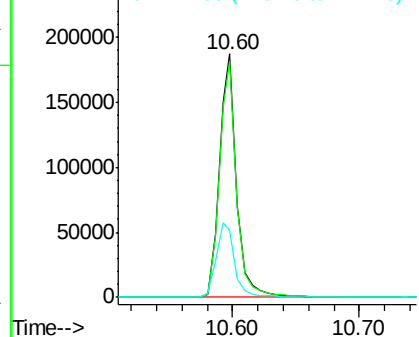
#41
 2,4,6-Tribromophenol
 Concen: 117.623 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF100186.D
 Acq: 4 Nov 2017 18:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	33.1	29.9	44.9

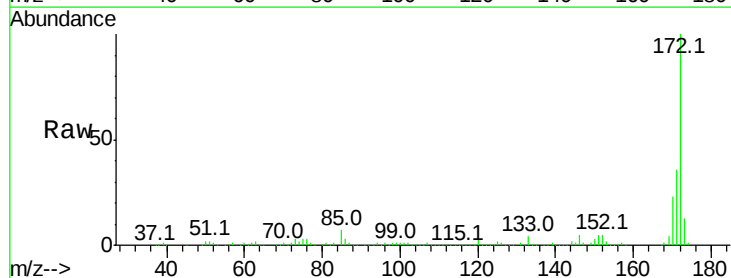


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

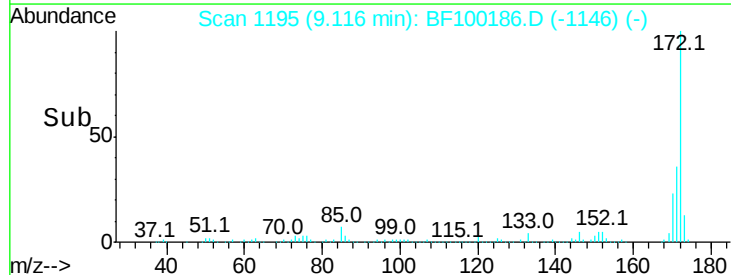
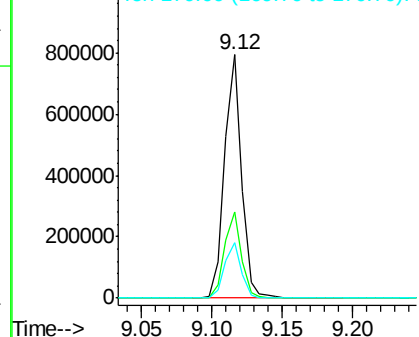


#44
 2-Fluorobiphenyl
 Concen: 61.639 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100186.D
 Acq: 4 Nov 2017 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	22.6	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

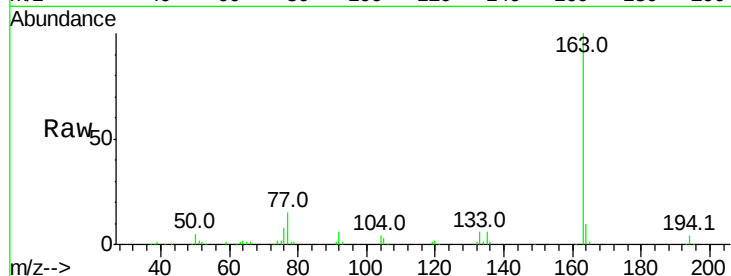




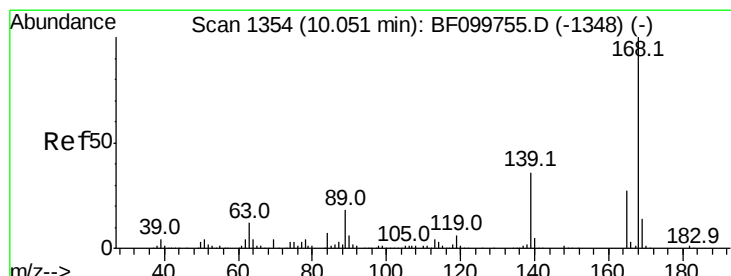
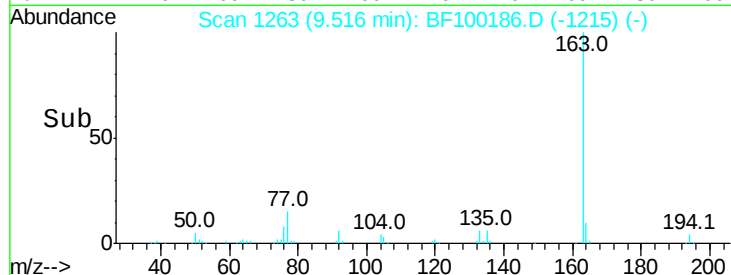
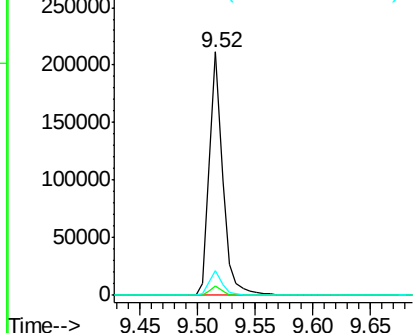
#49
Dimethylphthalate
Concen: 13.086 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100186.D
Acq: 4 Nov 2017 18:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 172460
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.2 8.2 12.2

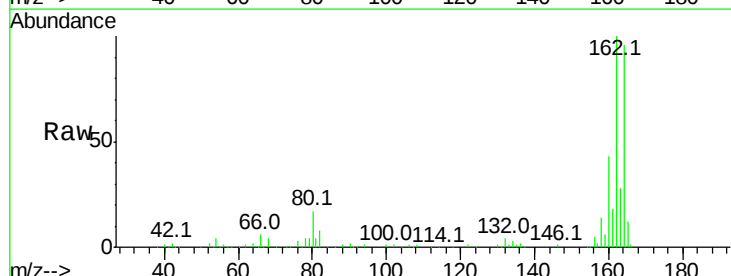


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

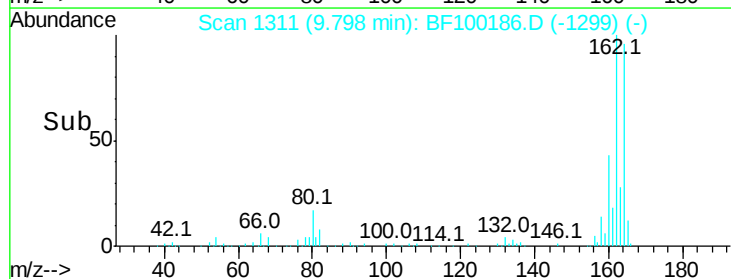
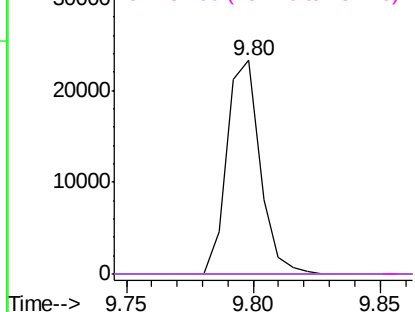


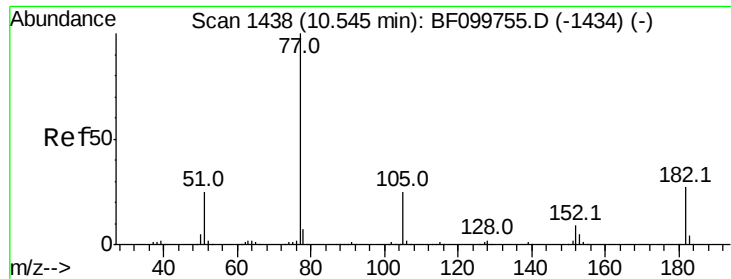
#56
2,4-Dinitrotoluene
Concen: 6.342 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.23 min
Lab File: BF100186.D
Acq: 4 Nov 2017 18:44

Tgt Ion:165 Resp: 21161
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





#62

Azobenzene

Concen: 4.481 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF100186.D

Acq: 4 Nov 2017 18:44

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 48338

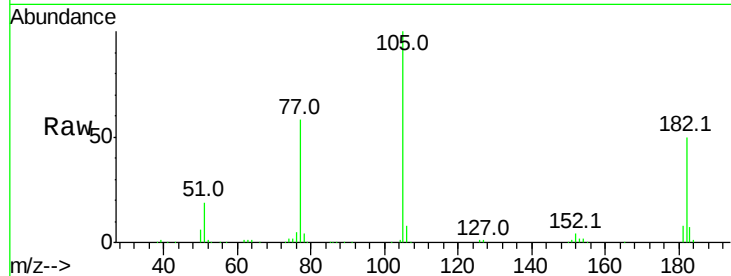
Ion Ratio Lower Upper

77 100

182 85.8 1.7 41.7#

105 172.7 3.0 43.0#

51 33.6 9.9 49.9

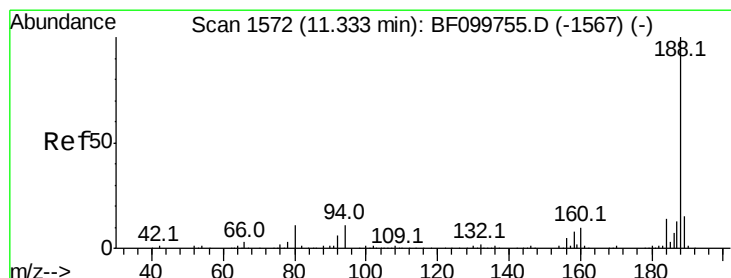
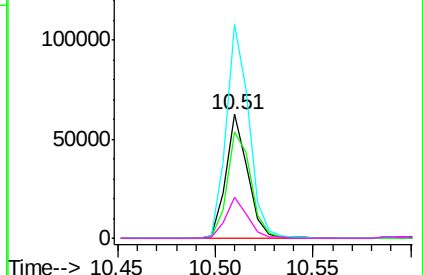
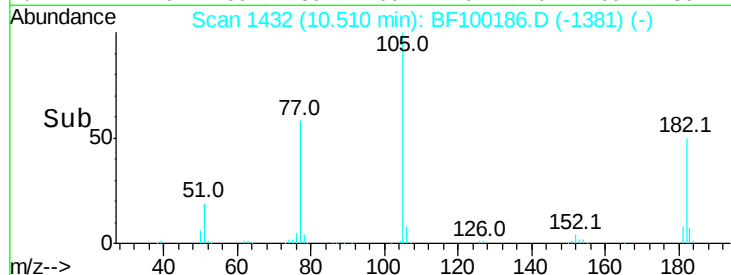


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF100186.D

Acq: 4 Nov 2017 18:44

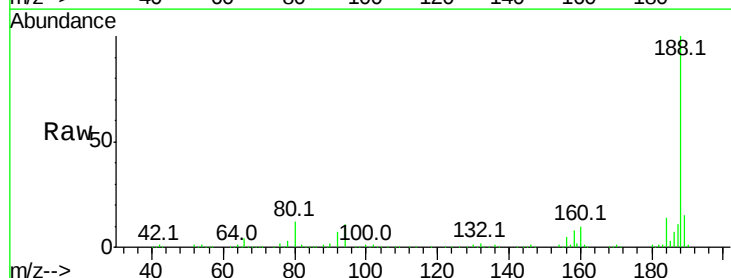
Tgt Ion: 188 Resp: 302397

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

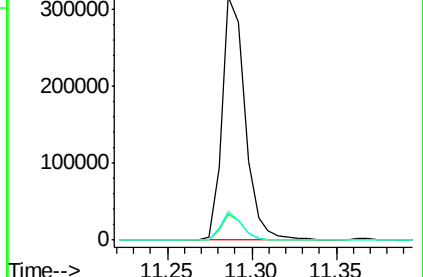
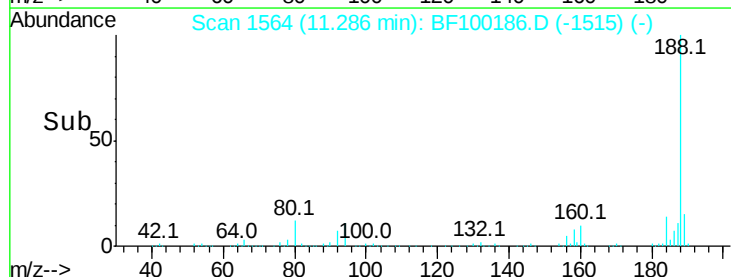
80 11.7 9.2 13.8



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

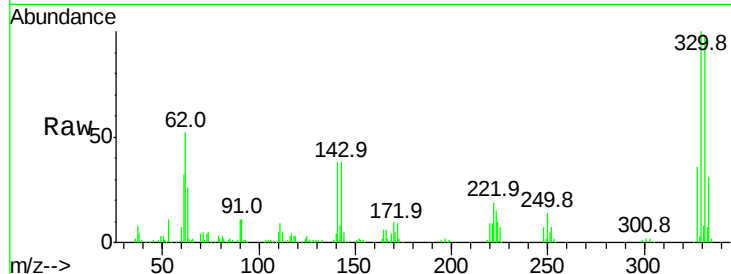




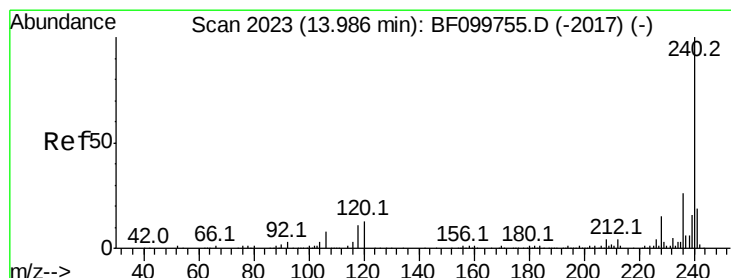
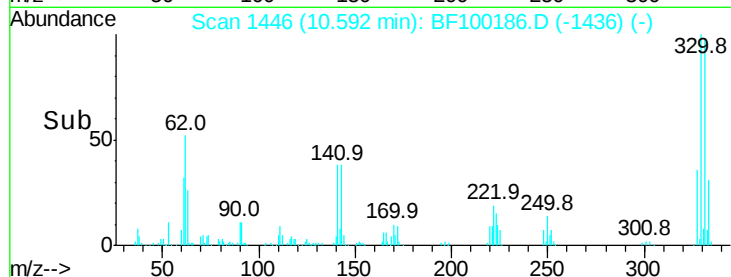
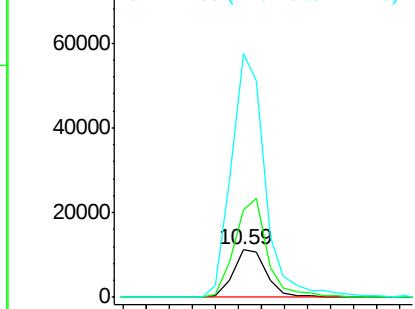
#66
4-Bromophenyl-phenylether
Concen: 3.555 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100186.D
Acq: 4 Nov 2017 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11317
Ion Ratio Lower Upper
248 100
250 183.2 76.9 115.3#
141 513.3 74.4 111.6#

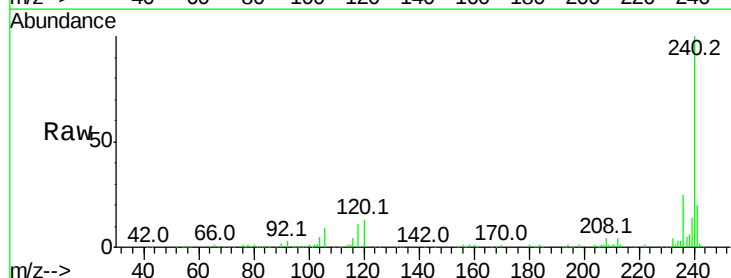


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

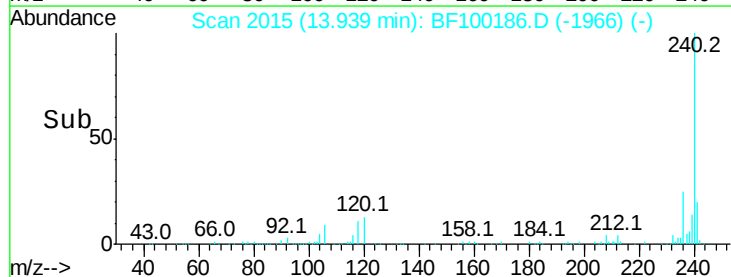
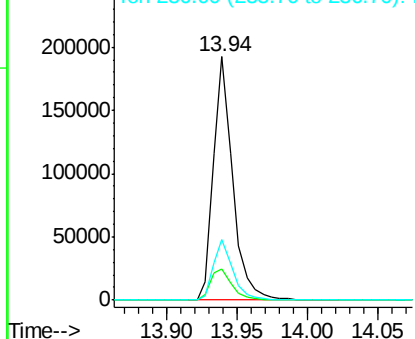


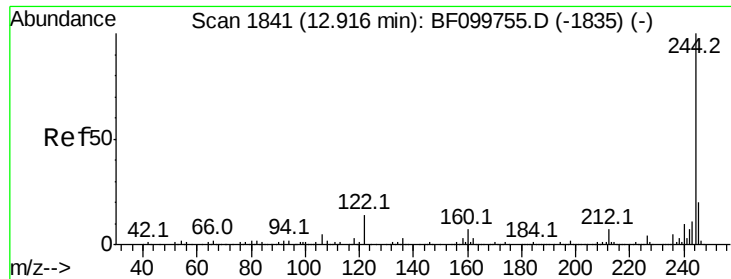
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100186.D
Acq: 4 Nov 2017 18:44

Tgt Ion:240 Resp: 183083
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 24.7 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: 59.121 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100186.D

Acq: 4 Nov 2017 18:44

Instrument :

BNA_F

ClientSampleId :

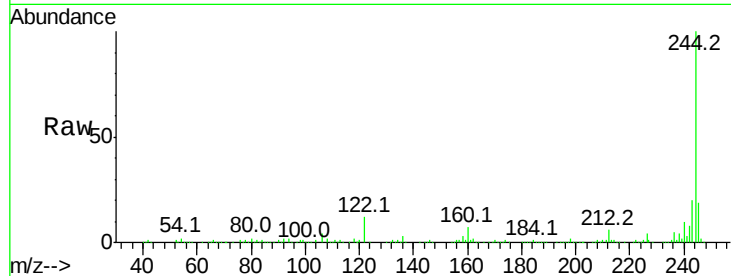
Tot Ion:244 Resp: 495297

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

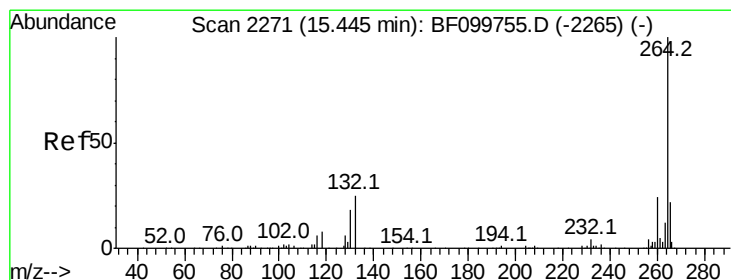
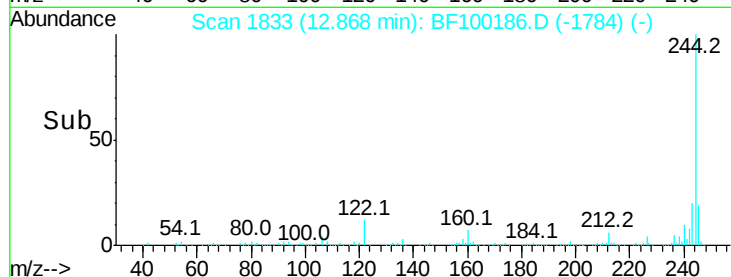
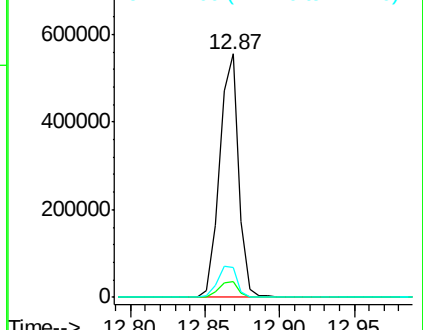
122 12.1 11.0 16.4



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: BF100186.D

Acq: 4 Nov 2017 18:44

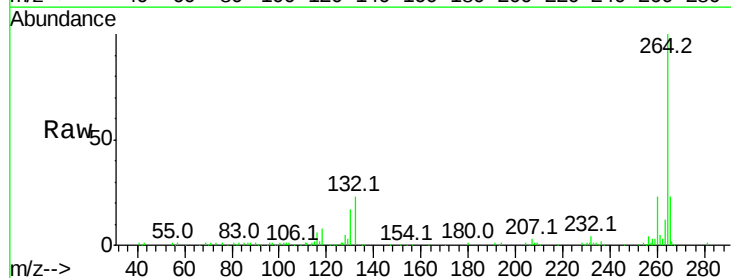
Tgt Ion:264 Resp: 150043

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 22.7 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

