

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100184.D
 Acq On : 4 Nov 2017 17:50
 Operator : SJ/JU
 Sample : I6099-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:50:45 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	90377	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	372336	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	174726	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	313143	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	193195	20.00	ng	-0.01
86) Perylene-d12	15.40	264	163713	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	709918	123.32	ng	0.00
7) Phenol-d6	6.42	99	860962	126.13	ng	0.00
23) Nitrobenzene-d5	7.33	82	467621	80.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	188547	118.41	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	765560	67.60	ng	-0.01
78) Terphenyl-d14	12.87	244	604299	68.36	ng	-0.01

Target Compounds

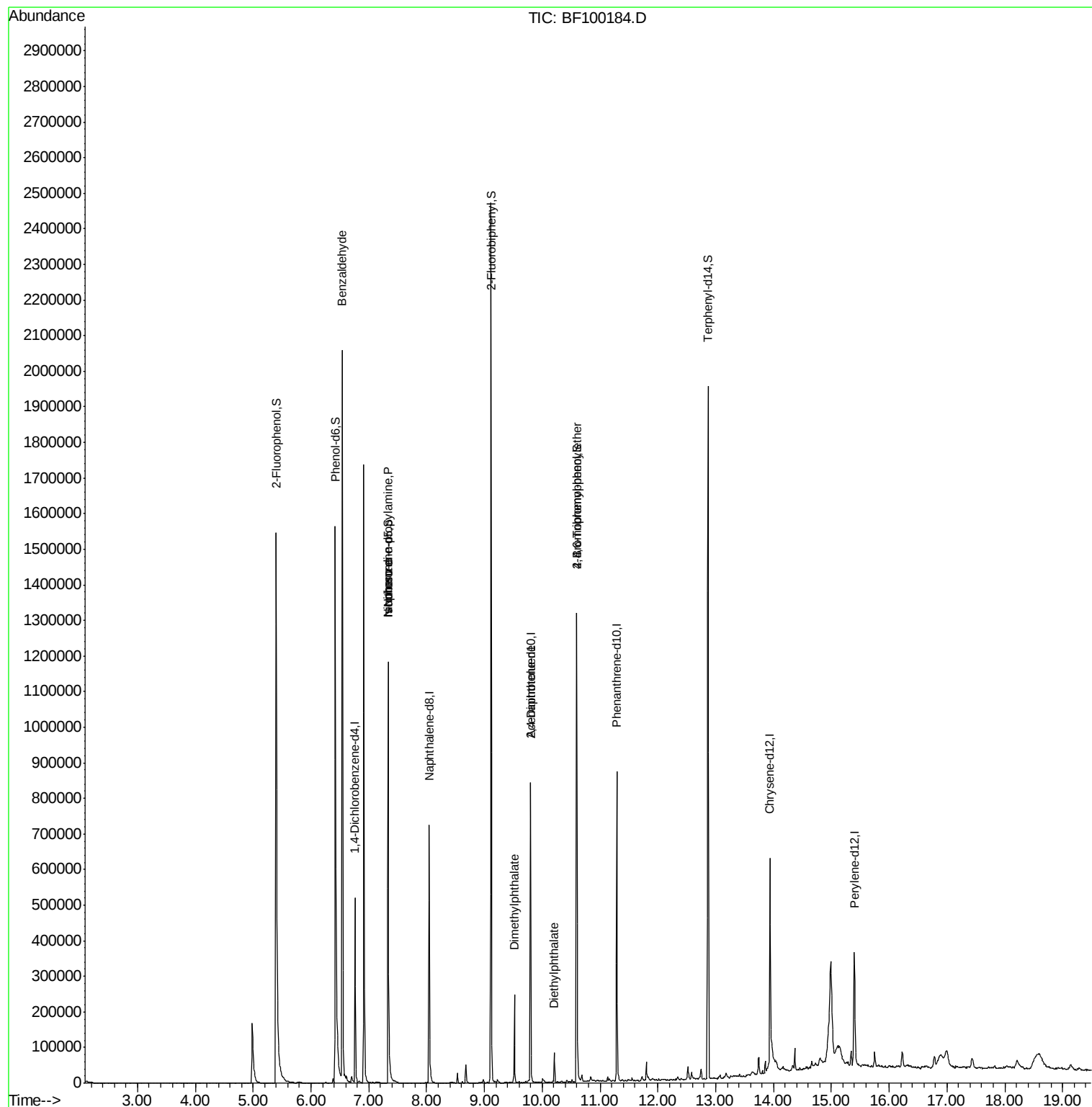
						Qvalue
9) Benzaldehyde	6.54	77	12337	3.025	ng	89
19) n-Nitroso-di-n-propylamine	7.33	70	58048	14.512	ng	# 71
25) Isophorone	7.33	82	467621	44.559	ng	# 64
49) Dimethylphthalate	9.52	163	106900	7.726	ng	99
56) 2,4-Dinitrotoluene	9.79	165	22505	6.424	ng	# 21
59) Diethylphthalate	10.21	149	28096	2.079	ng	97
66) 4-Bromophenyl-phenylether	10.60	248	11685	3.545	ng	# 1

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100184.D
Acq On : 4 Nov 2017 17:50
Operator : SJ/JU
Sample : I6099-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 05 23:50:45 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



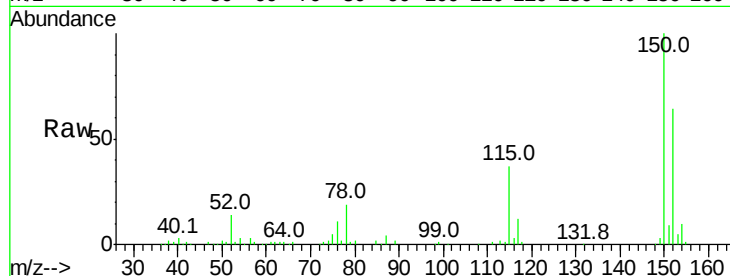


#1

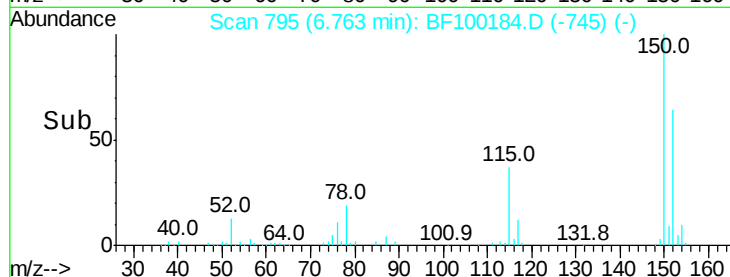
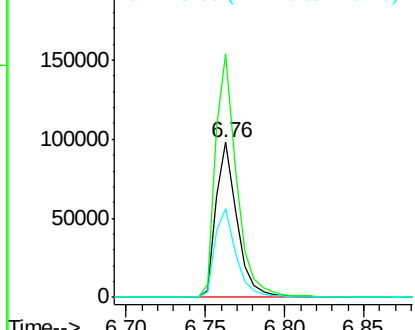
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90377
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 57.3 50.1 75.1



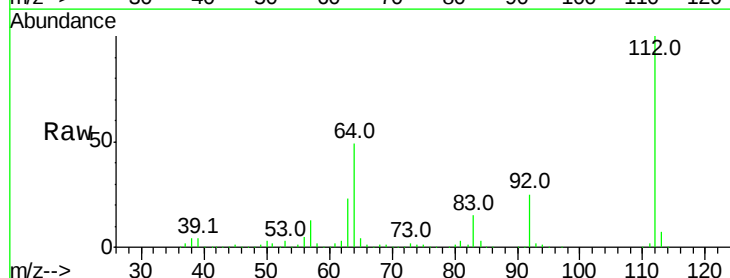
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



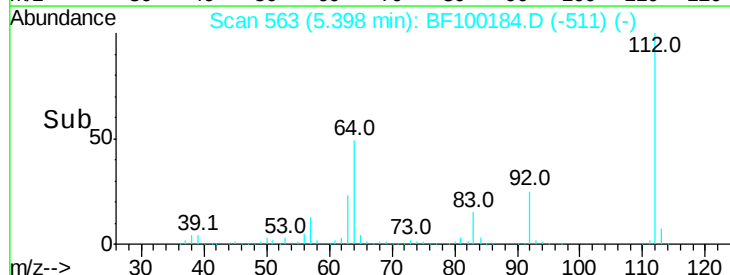
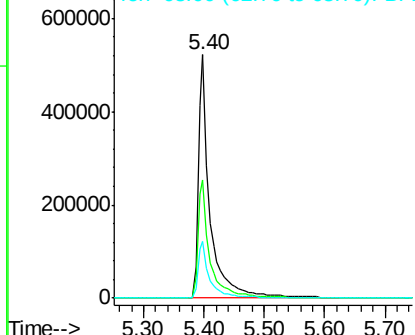
#5

2-Fluorophenol
Concen: 123.322 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:112 Resp: 709918
Ion Ratio Lower Upper
112 100
64 48.6 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: 126.135 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100184.D

Acq: 4 Nov 2017 17:50

Instrument :

BNA_F

ClientSampleId :

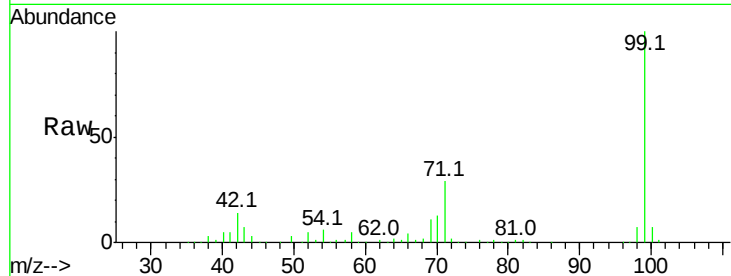
Tot Ion: 99 Resp: 860962

Ion Ratio Lower Upper

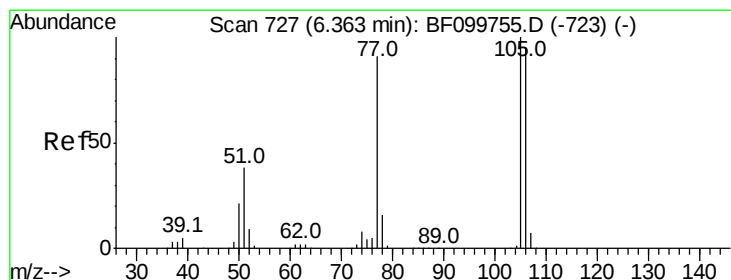
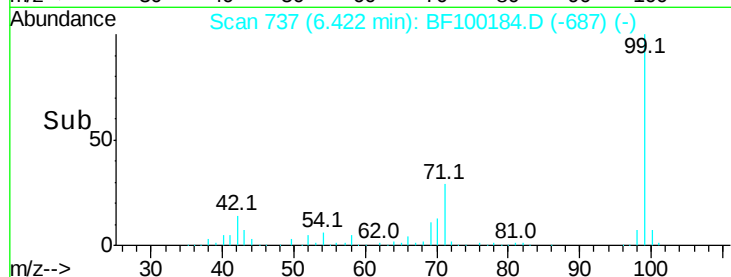
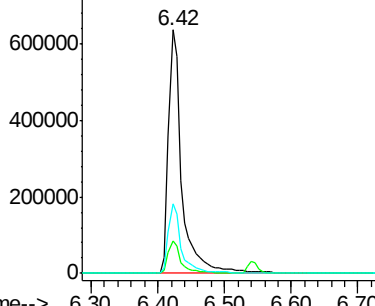
99 100

42 13.5 14.5 21.7#

71 28.8 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: 3.025 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.21 min

Lab File: BF100184.D

Acq: 4 Nov 2017 17:50

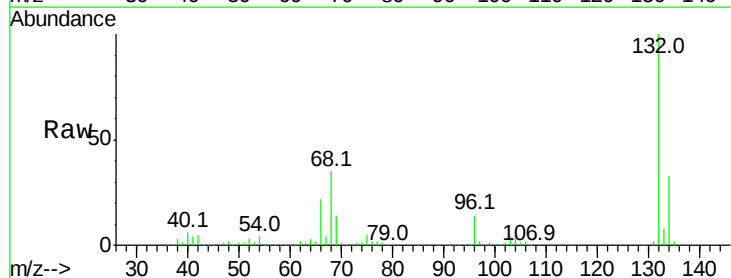
Tgt Ion: 77 Resp: 12337

Ion Ratio Lower Upper

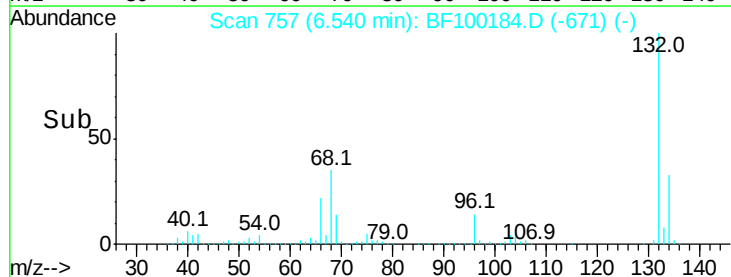
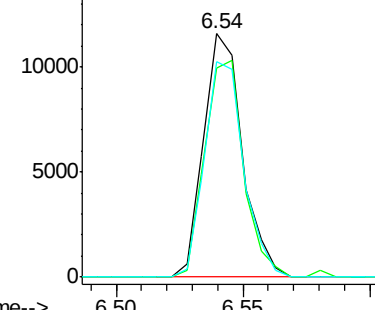
77 100

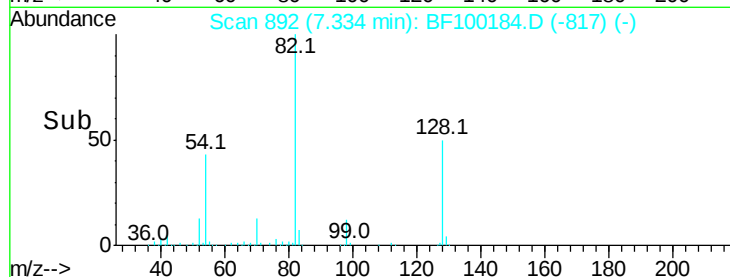
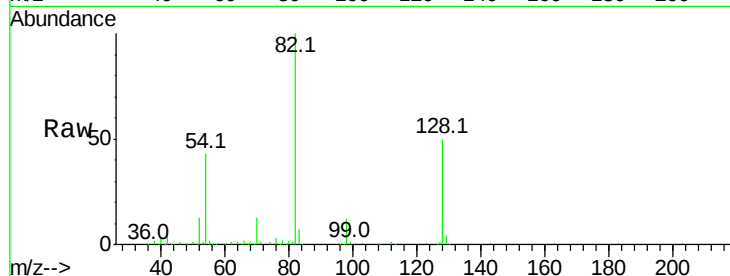
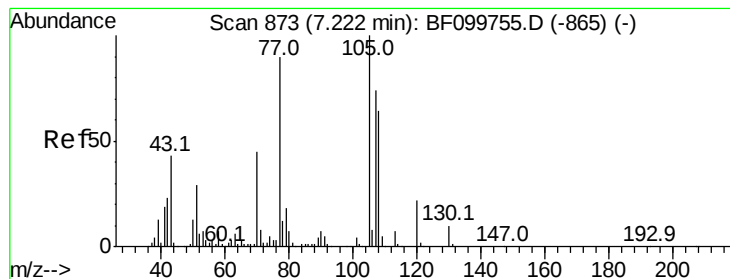
105 85.6 81.1 121.1

106 88.7 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: 14.512 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF100184.D

Acq: 4 Nov 2017 17:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 58048

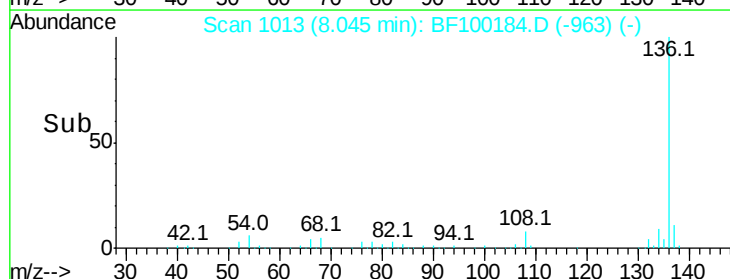
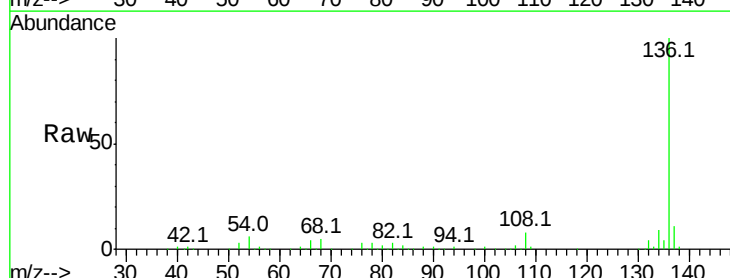
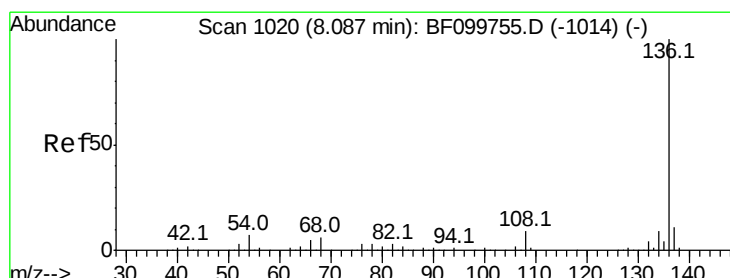
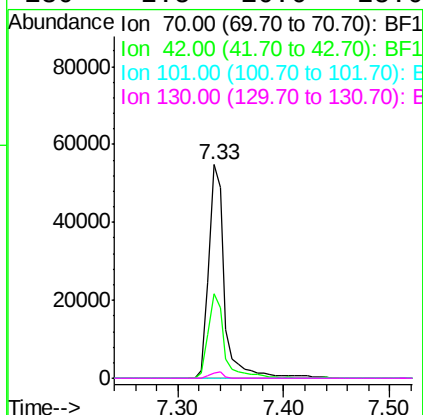
Ion Ratio Lower Upper

70 100

42 39.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100184.D

Acq: 4 Nov 2017 17:50

Tgt Ion: 136 Resp: 372336

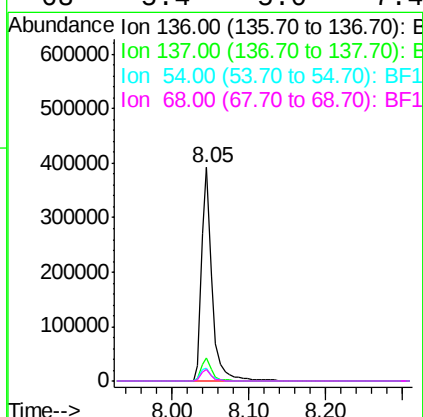
Ion Ratio Lower Upper

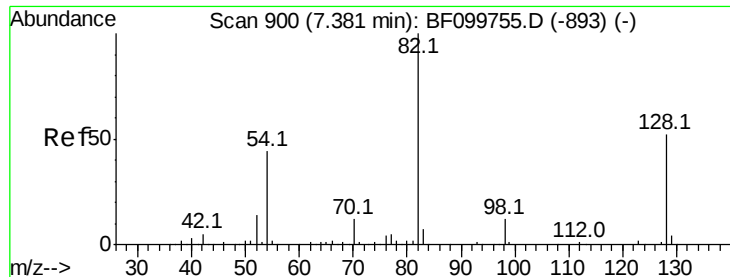
136 100

137 10.8 8.9 13.3

54 6.2 6.6 9.8#

68 5.4 5.0 7.4

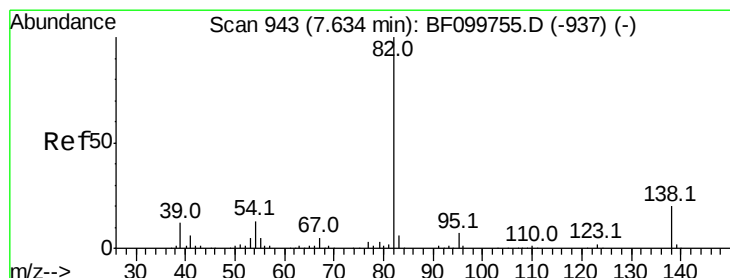
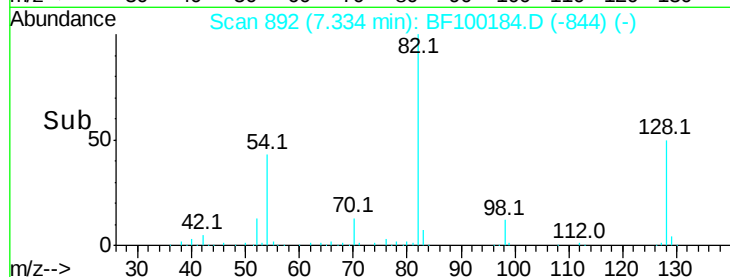
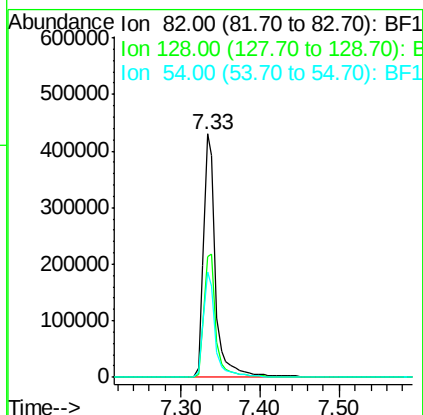
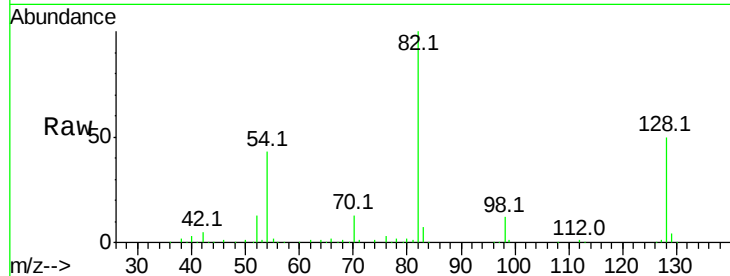




#23
 Nitrobenzene-d5
 Concen: 80.856 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF100184.D
 Acq: 4 Nov 2017 17:50

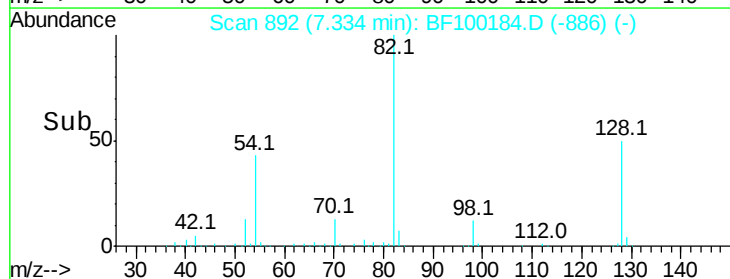
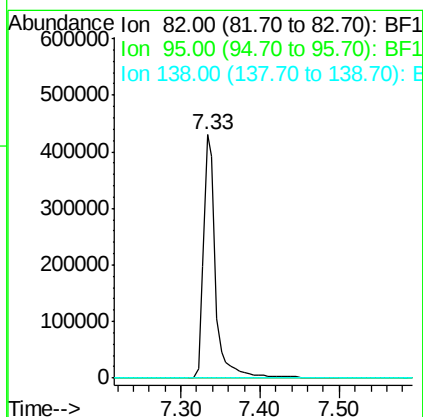
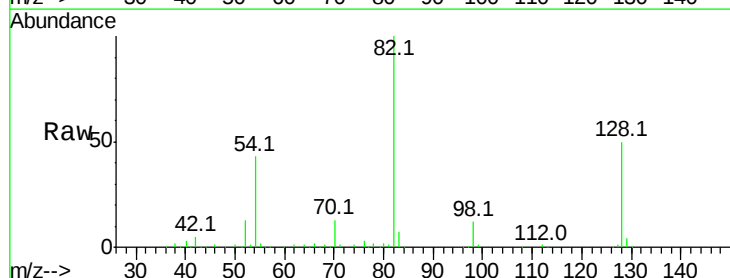
Instrument :
 BNA_F
 ClientSampled :

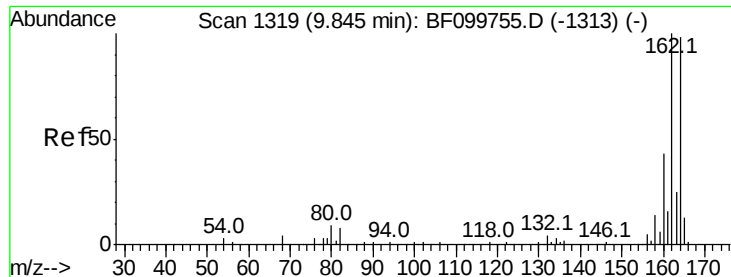
Tot Ion: 82 Resp: 467621
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 43.2 41.4 62.2



#25
 Isophorone
 Concen: 44.559 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100184.D
 Acq: 4 Nov 2017 17:50

Tgt Ion: 82 Resp: 467621
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

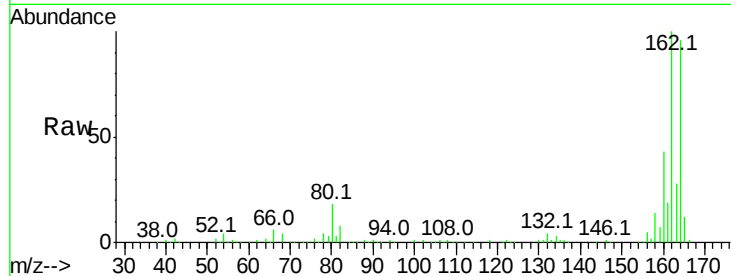




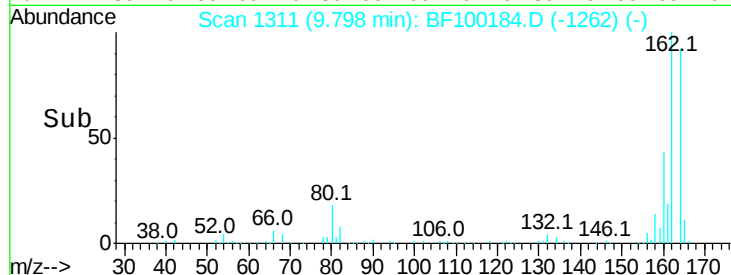
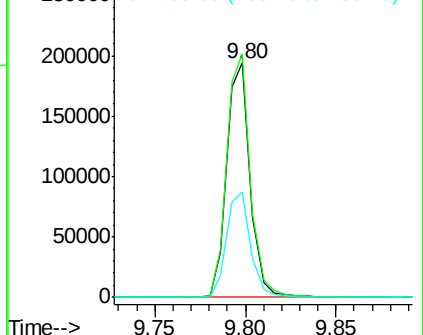
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 174726
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 44.8 38.3 57.5

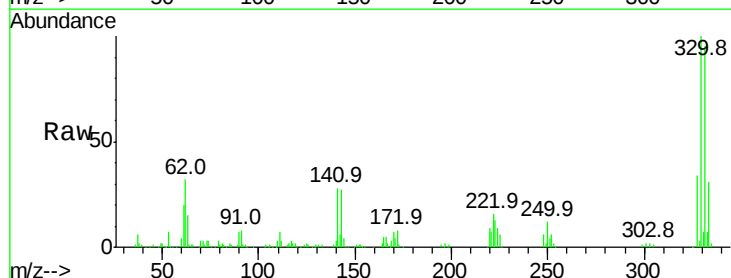


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

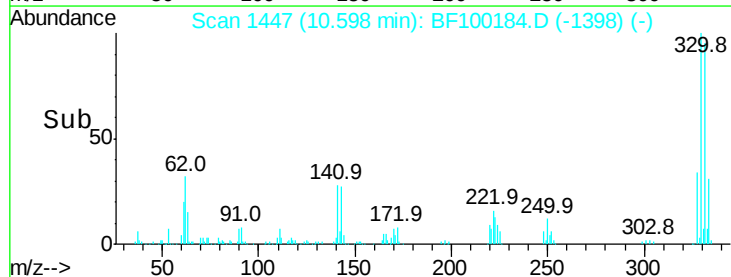
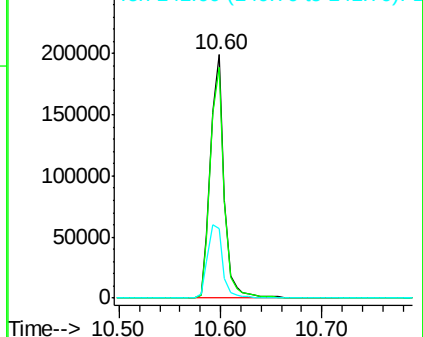


#41
2,4,6-Tribromophenol
Concen: 118.411 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:330 Resp: 188547
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 33.4 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

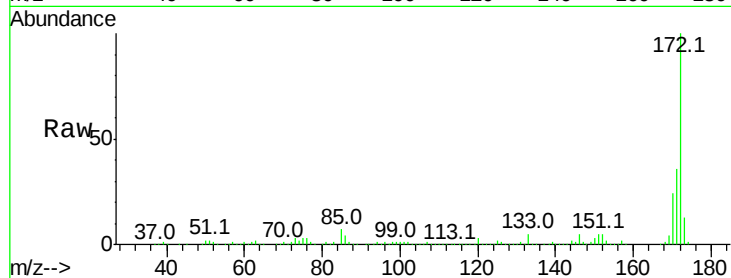




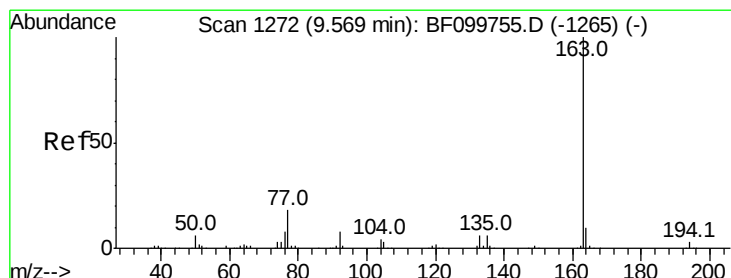
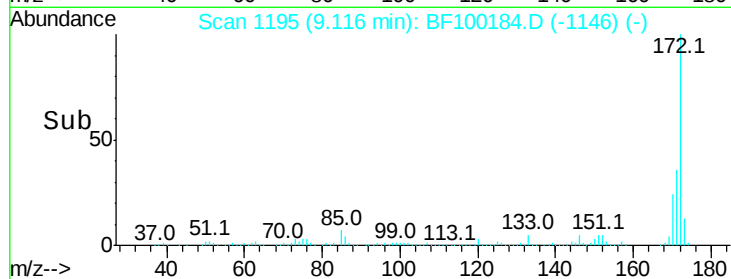
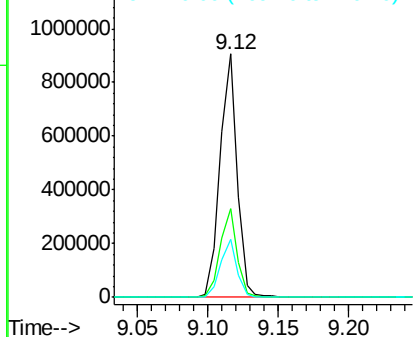
#44
2-Fluorobiphenyl
Concen: 67.599 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 765560
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.9 19.6 29.4

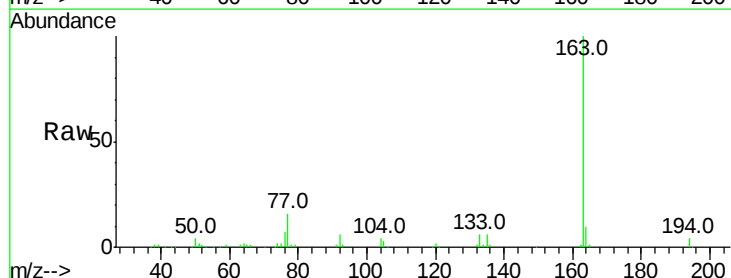


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

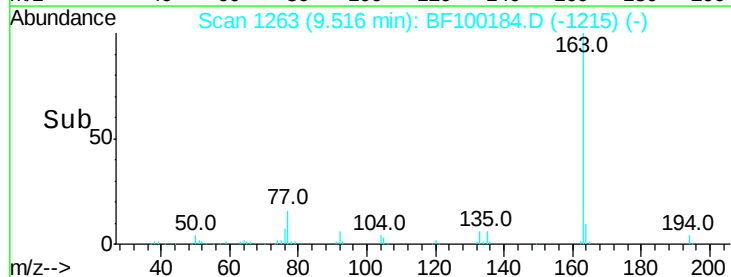
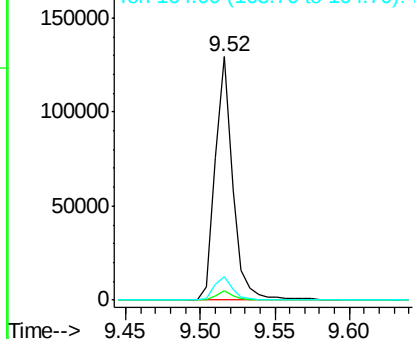


#49
Dimethylphthalate
Concen: 7.726 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:163 Resp: 106900
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 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

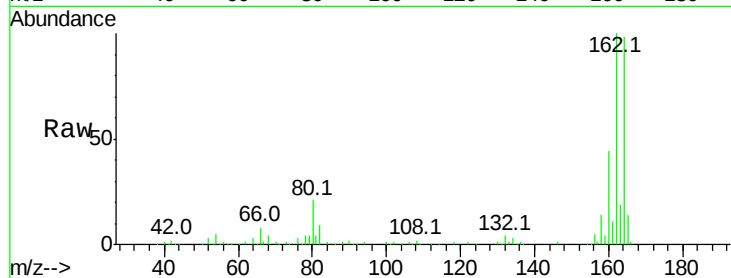




#56
2,4-Dinitrotoluene
Concen: 6.424 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.24 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	22505
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#

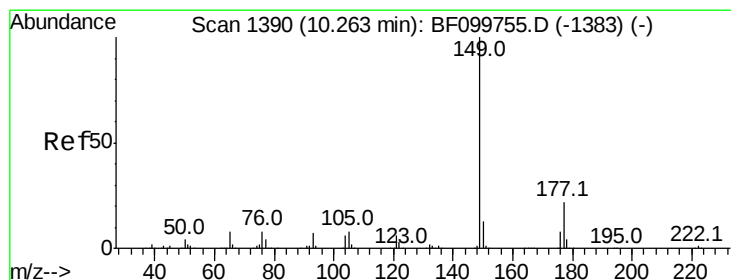
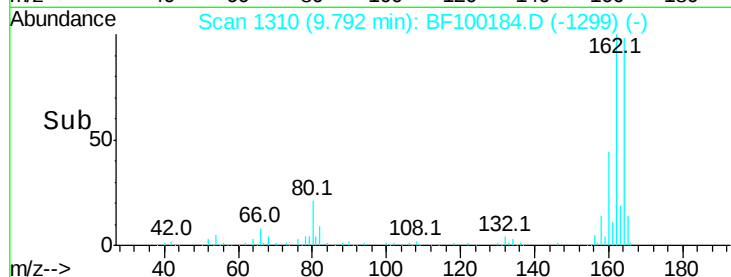
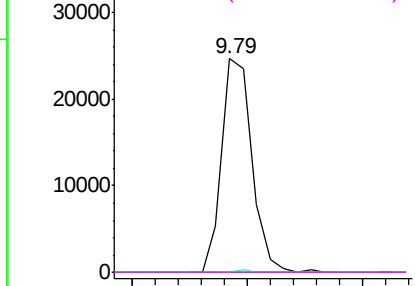


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

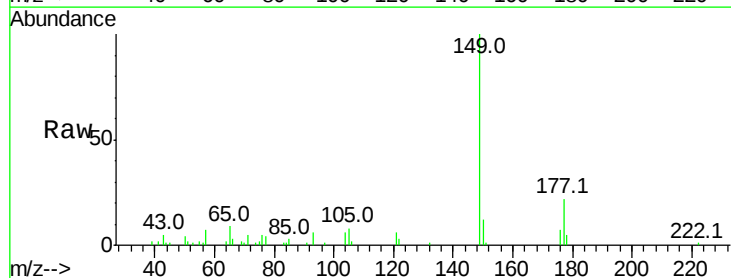
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#59
Diethylphthalate
Concen: 2.079 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

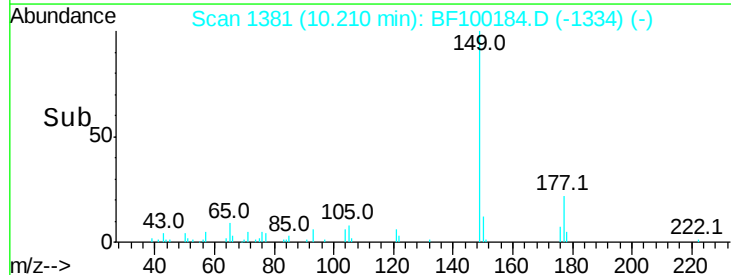
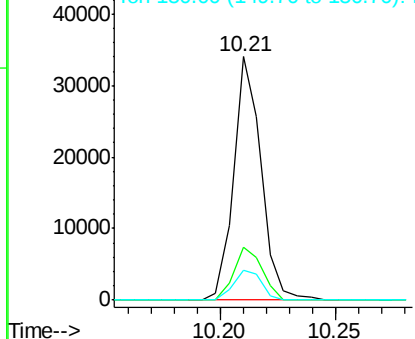
Tgt Ion:	149	Resp:	28096
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.1	24.1
150	12.3	10.1	15.1

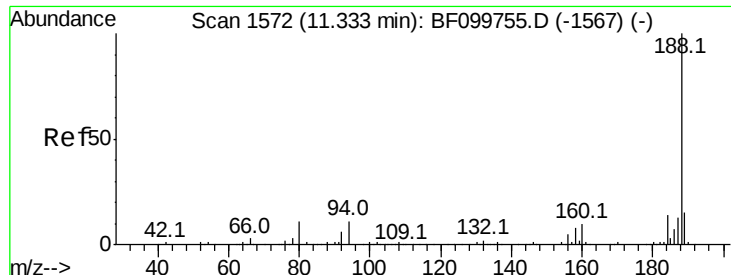


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

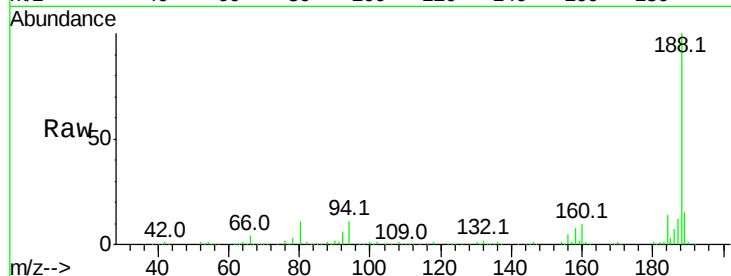




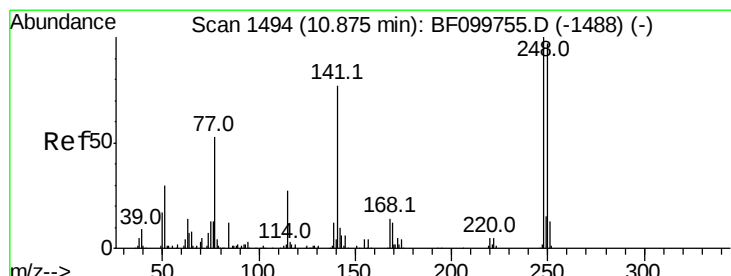
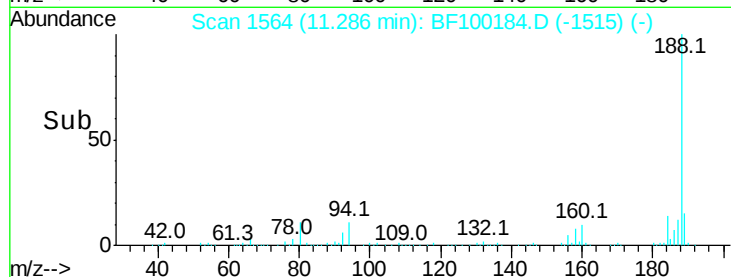
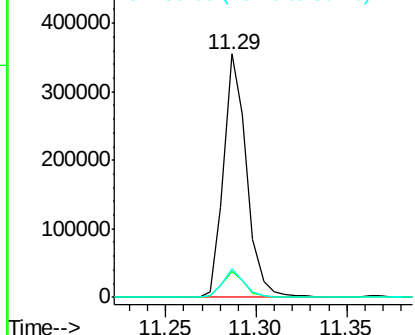
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 313143
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.5 9.2 13.8

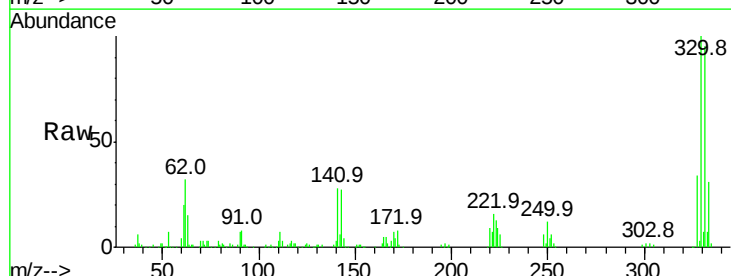


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

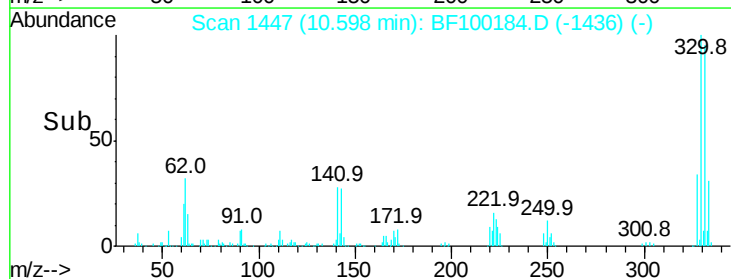
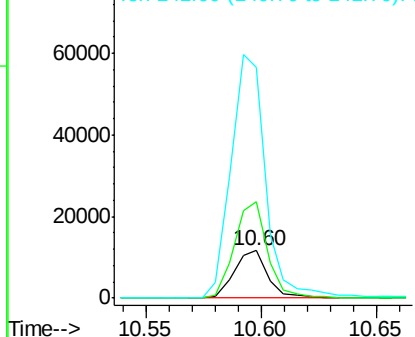


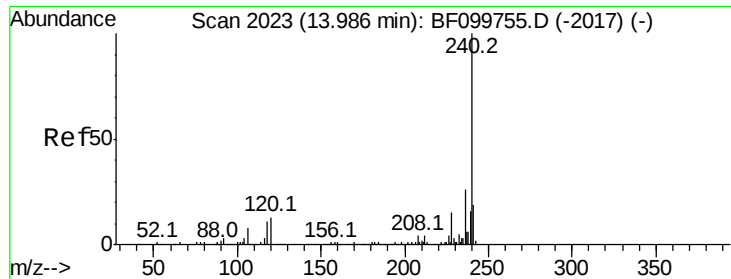
#66
4-Bromophenyl-phenylether
Concen: 3.545 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.24 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Tgt Ion:248 Resp: 11685
Ion Ratio Lower Upper
248 100
250 202.7 76.9 115.3#
141 485.0 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: BF100184.D

Acq: 4 Nov 2017 17:50

Instrument :

BNA_F

ClientSampled :

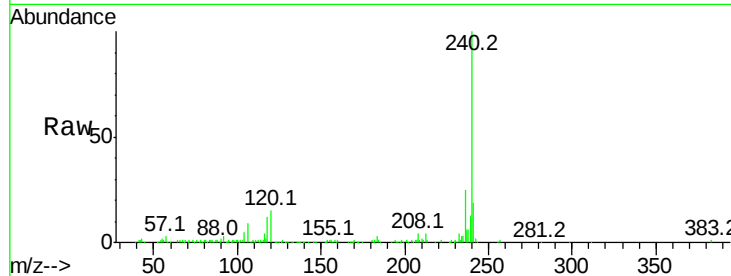
Tot Ion:240 Resp: 193195

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

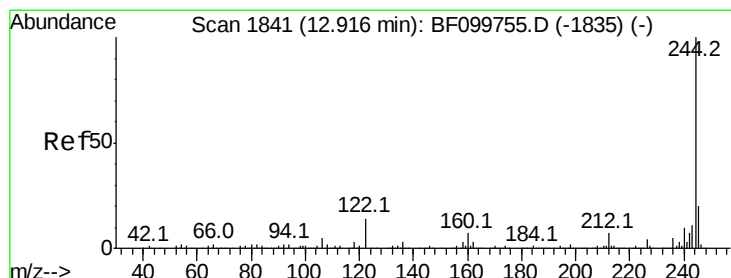
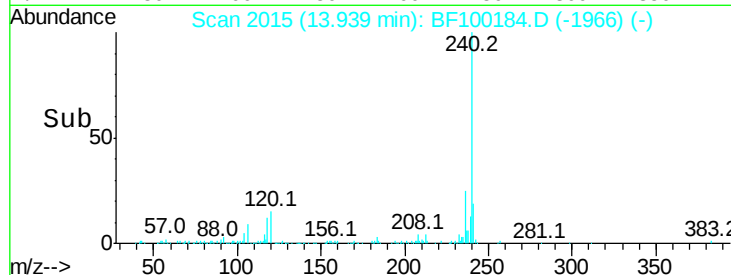
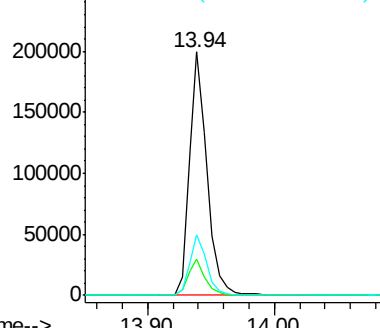
236 25.1 20.7 31.1



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: 68.357 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100184.D

Acq: 4 Nov 2017 17:50

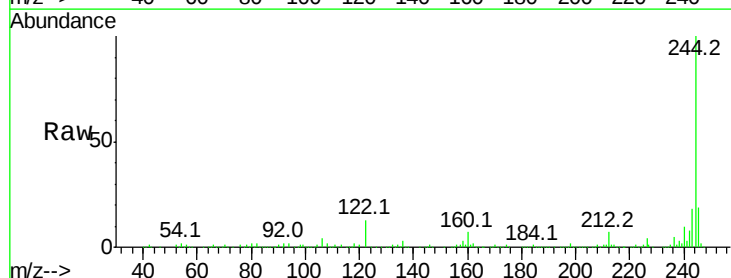
Tgt Ion:244 Resp: 604299

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

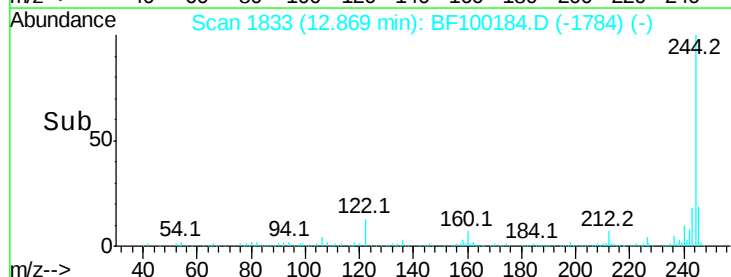
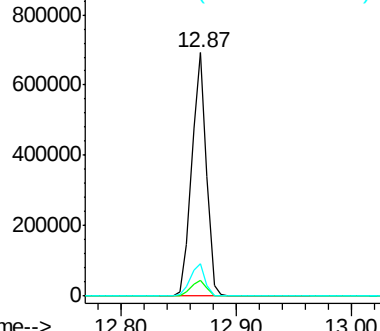
122 13.2 11.0 16.4

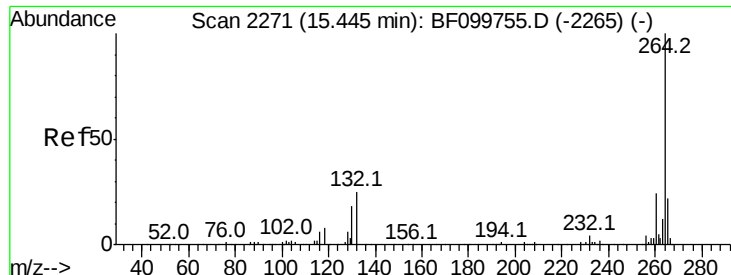


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



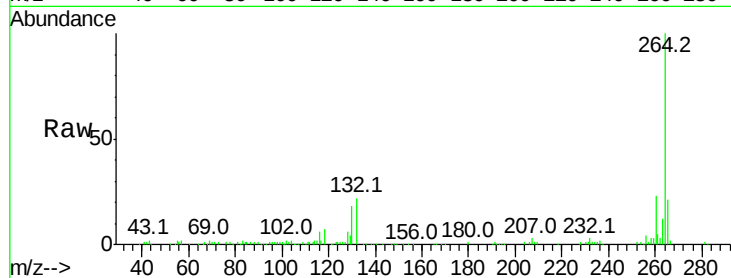


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100184.D
Acq: 4 Nov 2017 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 163713

Ion	Ratio	Lower	Upper
264	100		
260	23.1	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

