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 Data File : BF100178.D
 Acq On : 4 Nov 2017 15:09
 Operator : SJ/JU
 Sample : I6313-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 23:48:42 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

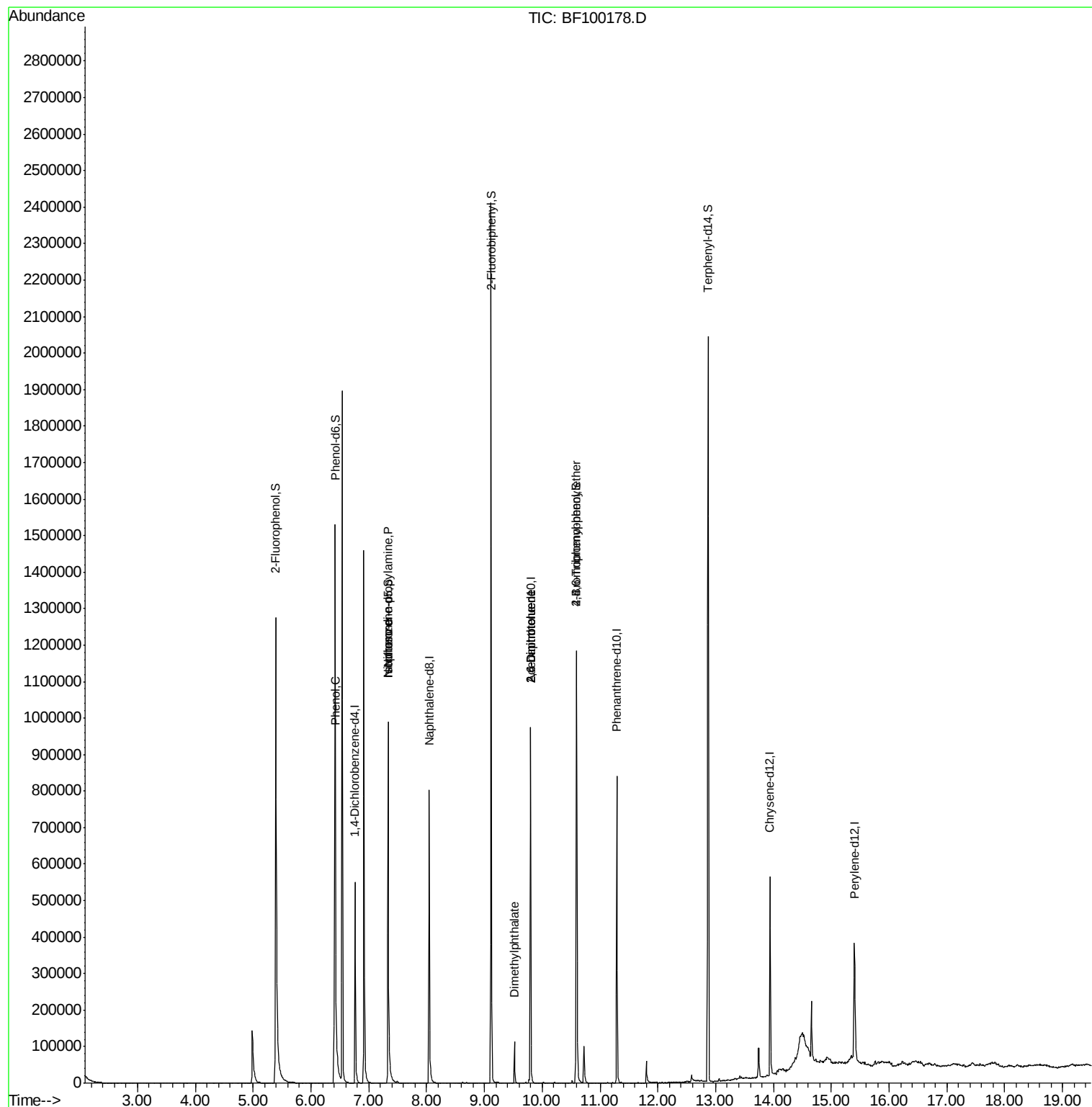
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	95313	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	403750	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	192536	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	342391	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	192067	20.00	ng	-0.01
86) Perylene-d12	15.40	264	161286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	570848	94.03	ng	0.00
7) Phenol-d6	6.42	99	684274	95.06	ng	-0.01
23) Nitrobenzene-d5	7.33	82	383821	61.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	168775	96.19	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	807071	64.67	ng	-0.01
78) Terphenyl-d14	12.87	244	687026	78.17	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	26408	3.341	ng	# 74
19) n-Nitroso-di-n-propylamine	7.33	70	47602	11.284	ng	# 72
25) Isophorone	7.33	82	383821	33.728	ng	# 64
49) Dimethylphthalate	9.52	163	55687	3.652	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	24701	7.706	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	24701	6.399	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	10605	2.942	ng	# 1

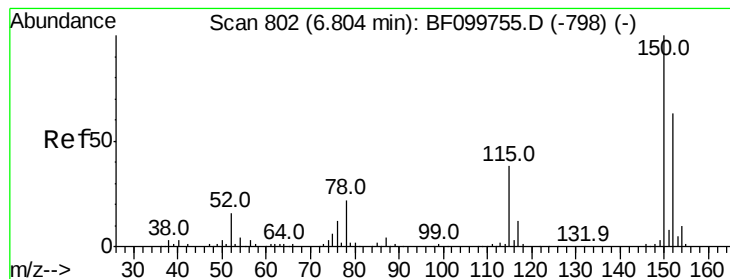
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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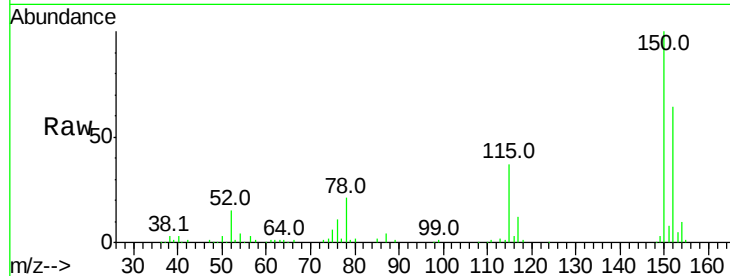


#1

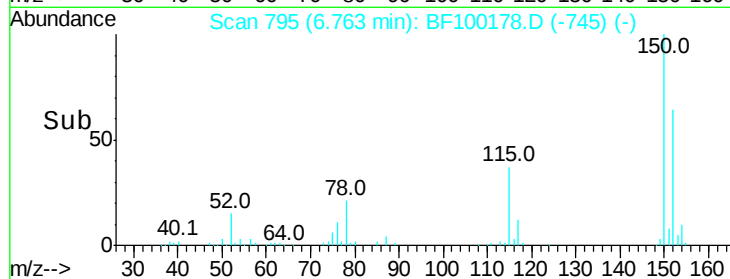
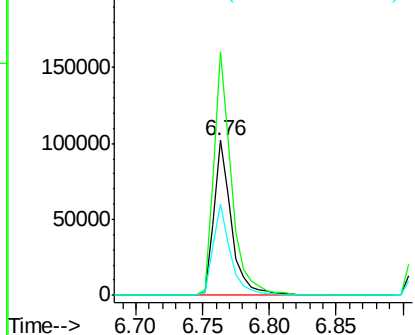
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF100178.D
 Acq: 4 Nov 2017 15:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 95313
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 58.6 50.1 75.1



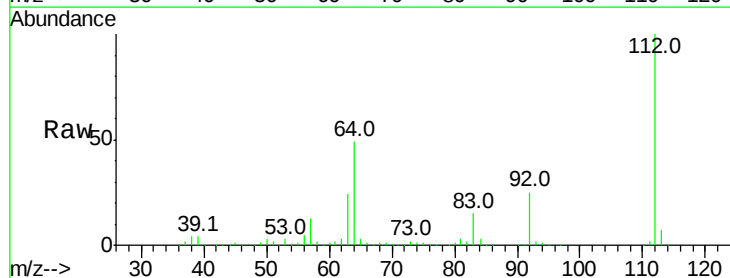
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



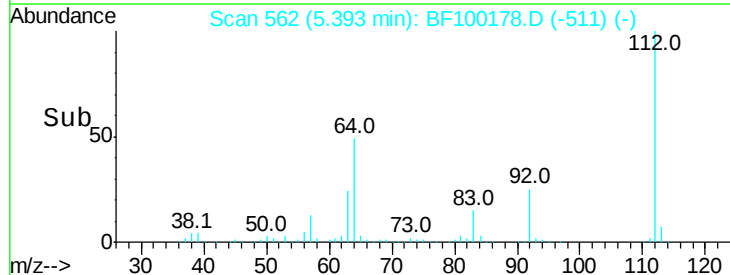
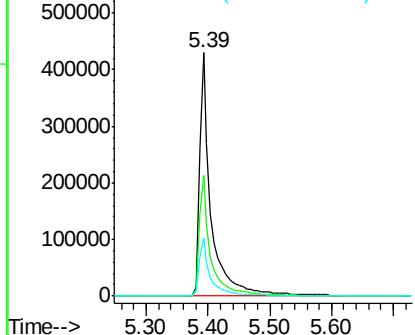
#5

2-Fluorophenol
 Concen: 94.028 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF100178.D
 Acq: 4 Nov 2017 15:09

Tgt Ion:112 Resp: 570848
 Ion Ratio Lower Upper
 112 100
 64 49.4 47.9 71.9
 63 23.8 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: 95.057 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100178.D

Acq: 4 Nov 2017 15:09

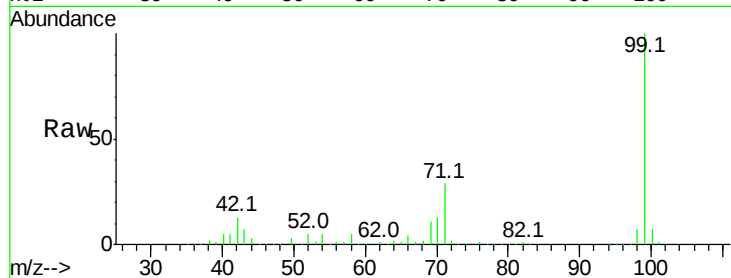
Instrument :

BNA_F

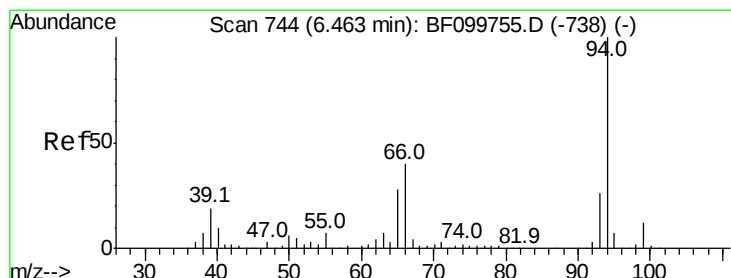
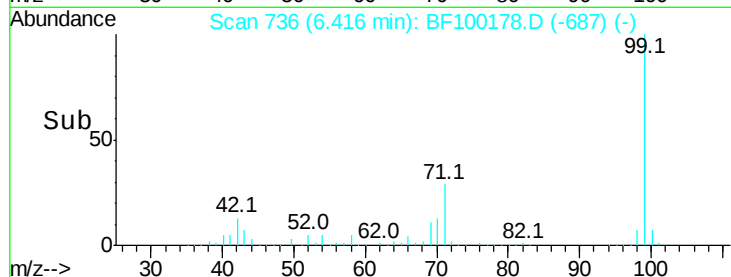
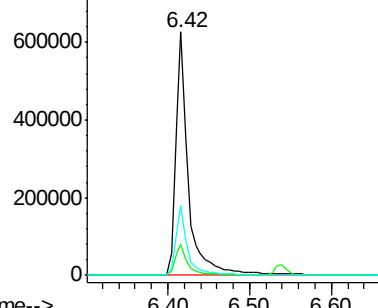
ClientSampleId :

Tot Ion: 99 Resp: 684274

Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.5	21.7#
71	28.7	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



#10

Phenol

Concen: 3.341 ng

RT: 6.43 min Scan# 738

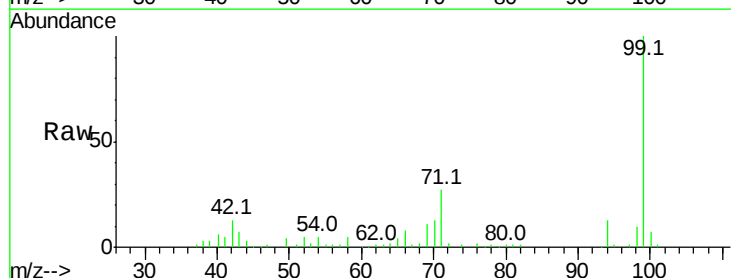
Delta R.T. -0.01 min

Lab File: BF100178.D

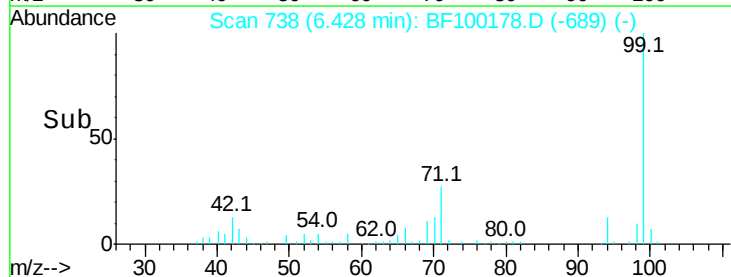
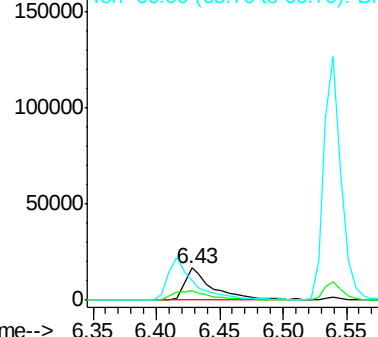
Acq: 4 Nov 2017 15:09

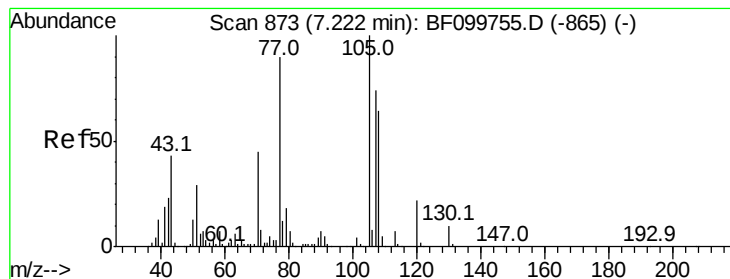
Tgt Ion: 94 Resp: 26408

Ion	Ratio	Lower	Upper
94	100		
65	30.4	7.9	47.9
66	61.0	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: 11.284 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF100178.D

Acq: 4 Nov 2017 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 47602

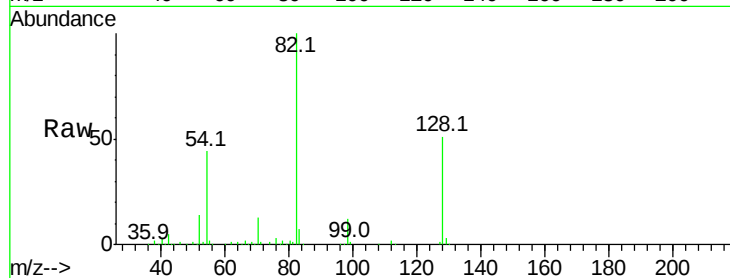
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

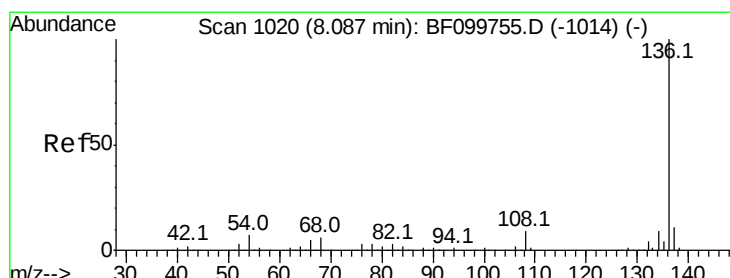
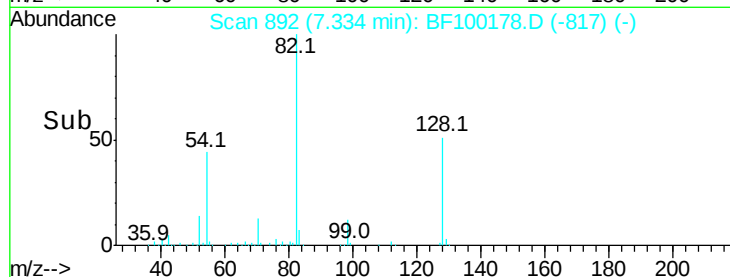
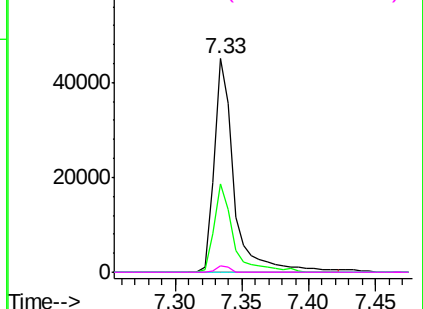


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF100178.D

Acq: 4 Nov 2017 15:09

Tgt Ion:136 Resp: 403750

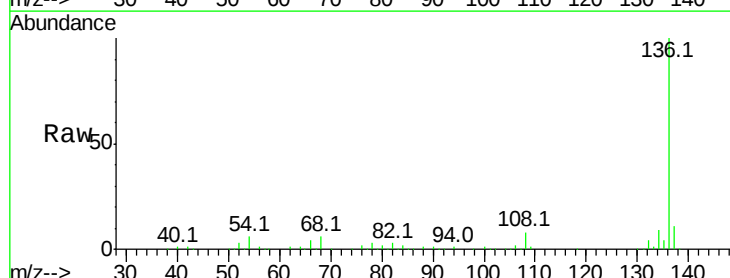
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.1 6.6 9.8#

68 5.5 5.0 7.4

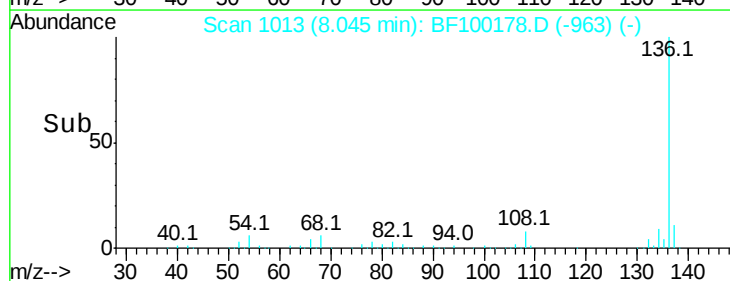
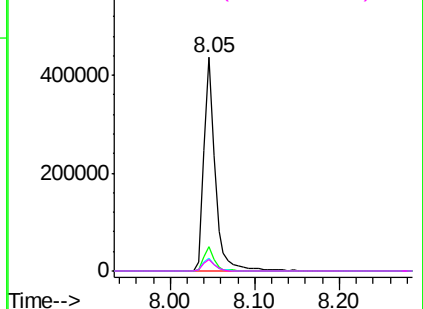


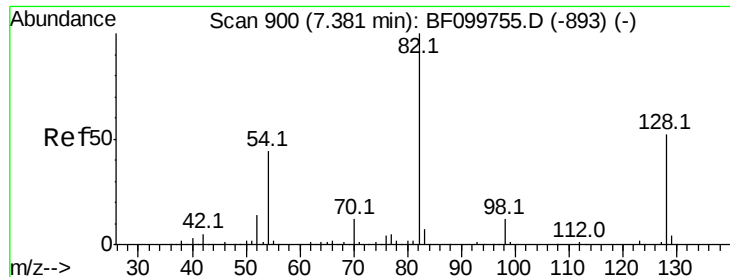
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

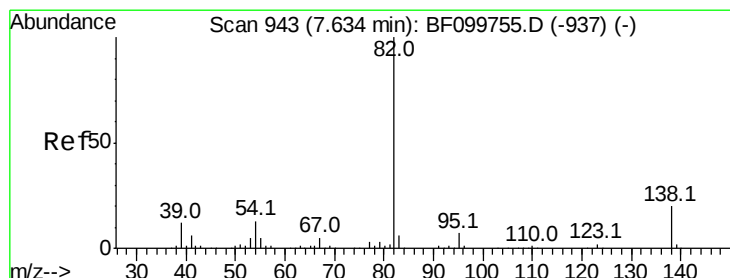
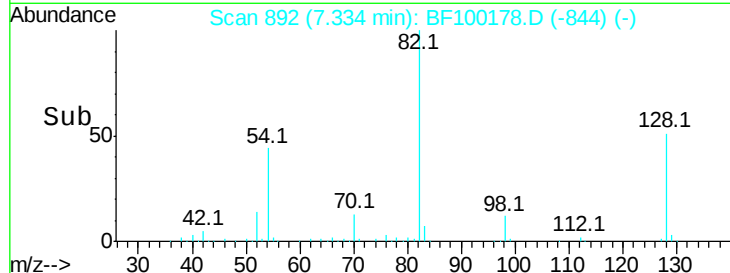
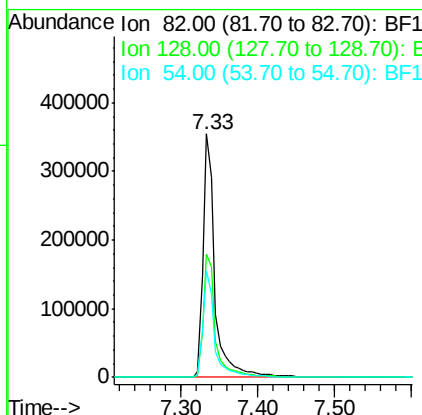
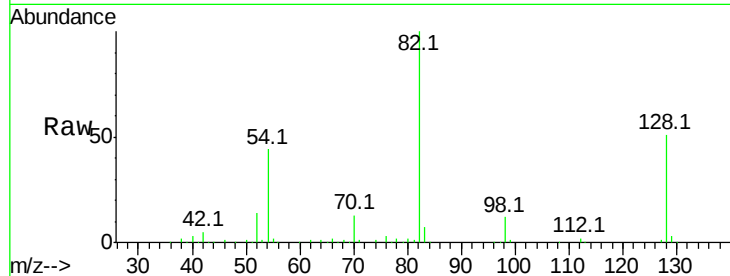




#23
 Nitrobenzene-d5
 Concen: 61.203 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF100178.D
 Acq: 4 Nov 2017 15:09

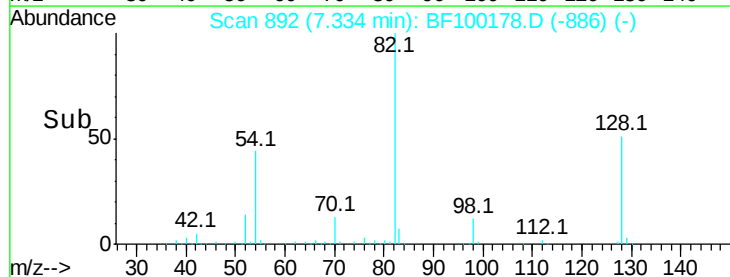
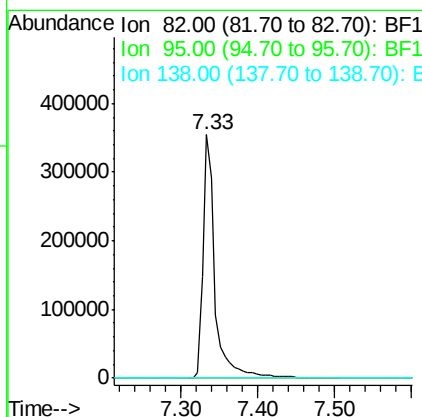
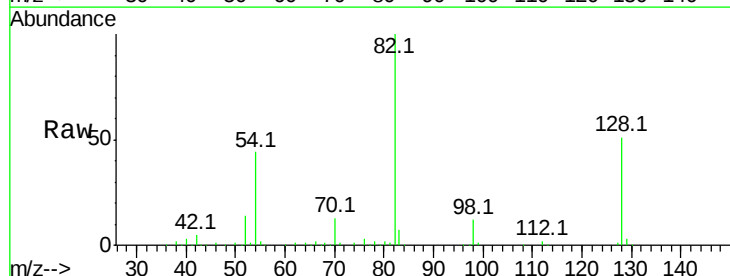
Instrument :
 BNA_F
 ClientSampleID :

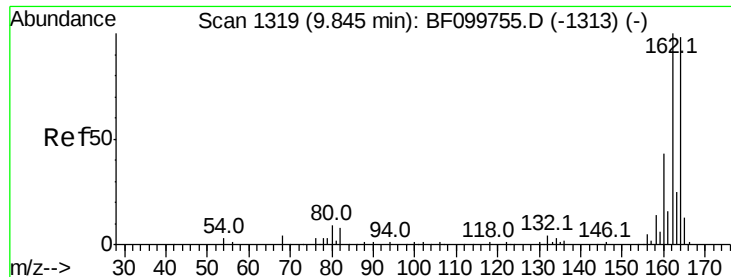
Tot Ion:	82	Resp:	383821
Ion Ratio	Lower	Upper	
82	100		
128	50.8	36.1	54.1
54	43.9	41.4	62.2



#25
 Isophorone
 Concen: 33.728 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF100178.D
 Acq: 4 Nov 2017 15:09

Tgt Ion:	82	Resp:	383821
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

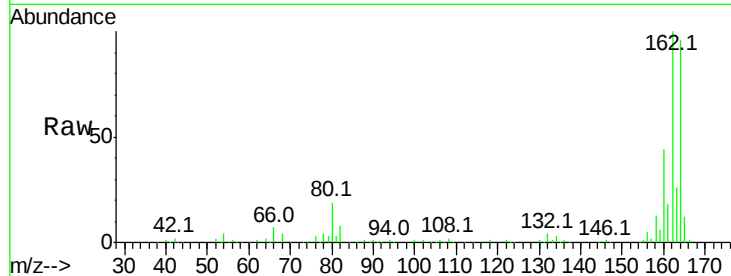




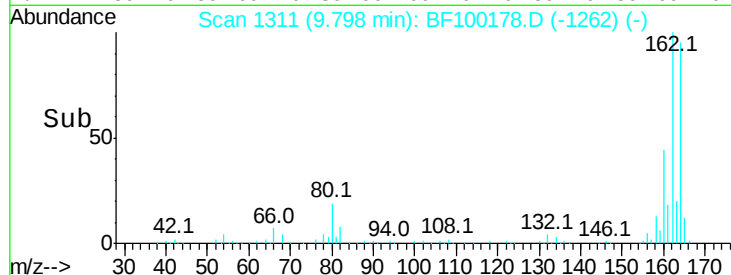
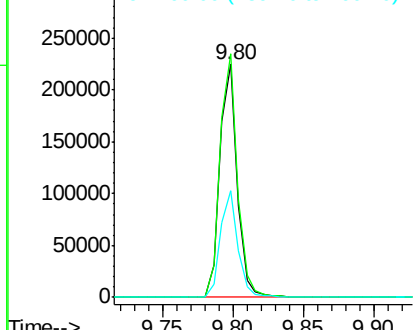
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 192536
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.6 38.3 57.5

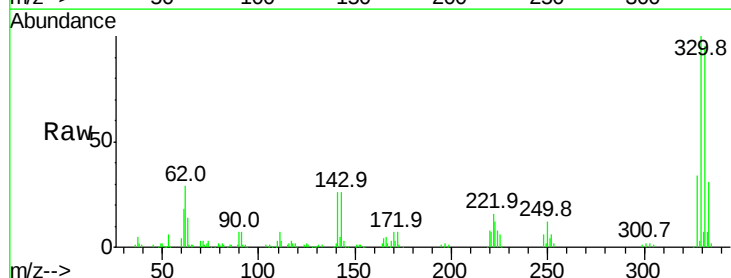


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

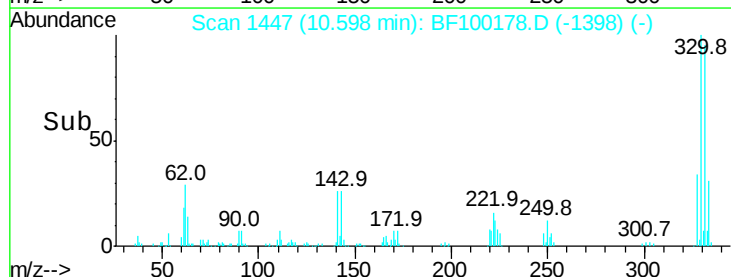
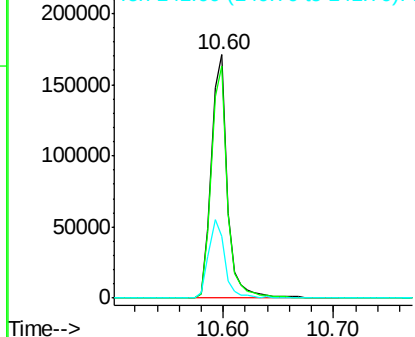


#41
2,4,6-Tribromophenol
Concen: 96.189 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion:330 Resp: 168775
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 32.5 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

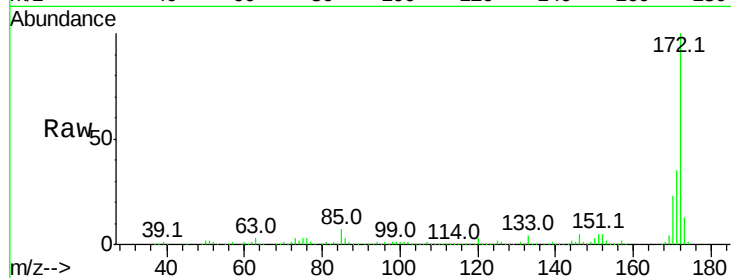




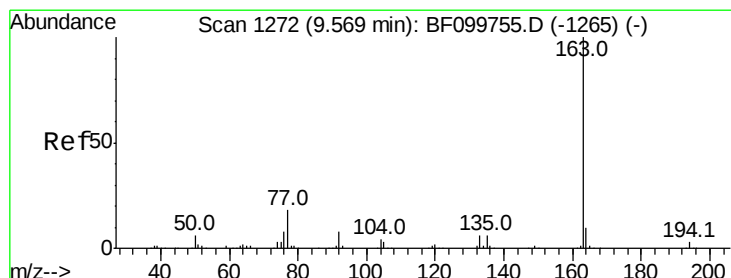
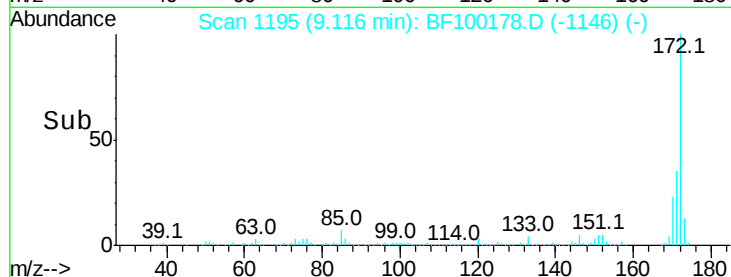
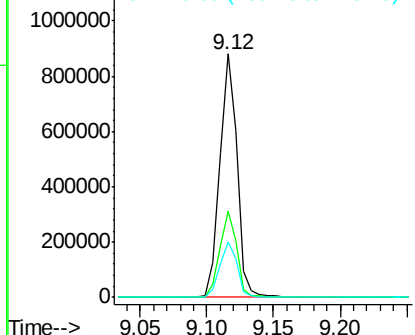
#44
2-Fluorobiphenyl
Concen: 64.673 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 807071
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 22.9 19.6 29.4

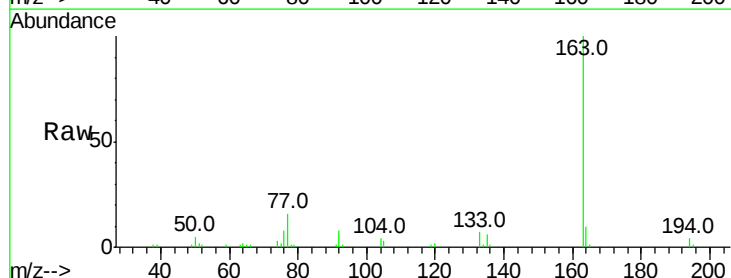


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

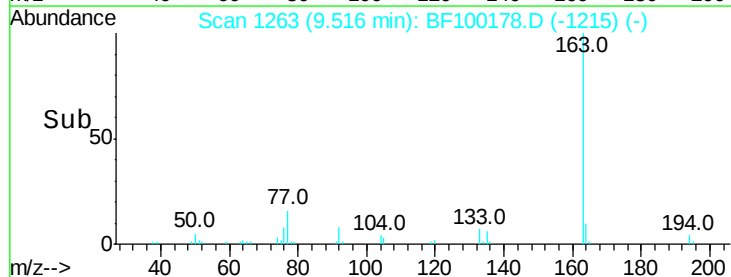
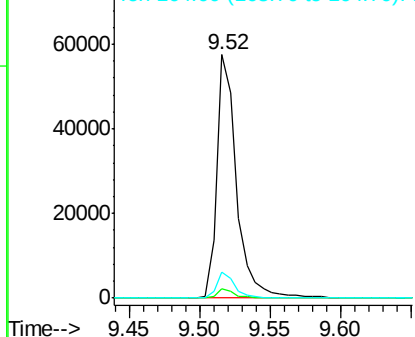


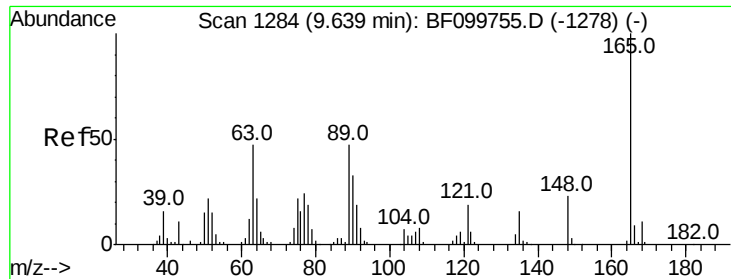
#49
Dimethylphthalate
Concen: 3.652 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion:163 Resp: 55687
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.5 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

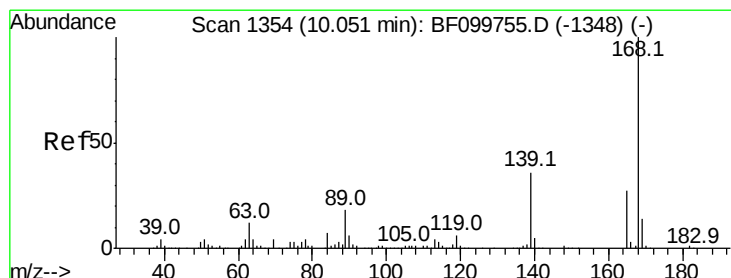
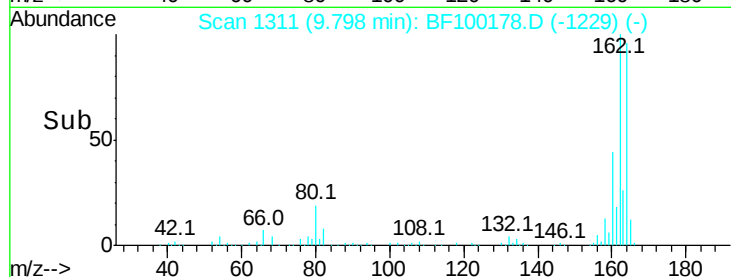
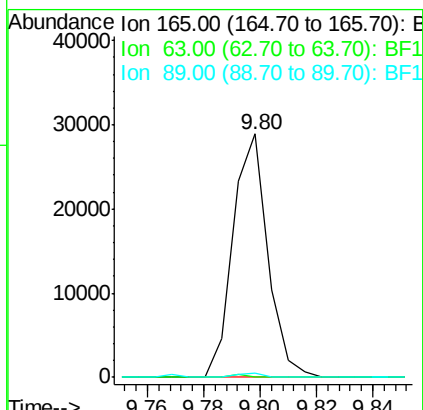
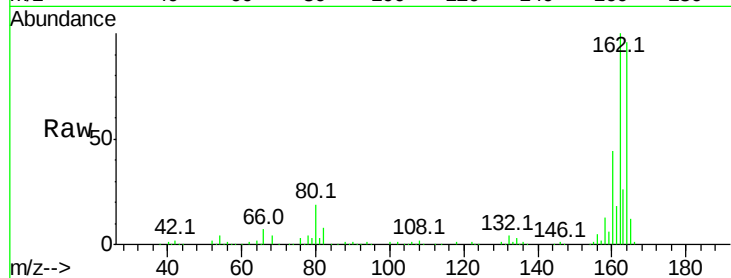




#50
 2,6-Dinitrotoluene
 Concen: 7.706 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.18 min
 Lab File: BF100178.D
 Acq: 4 Nov 2017 15:09

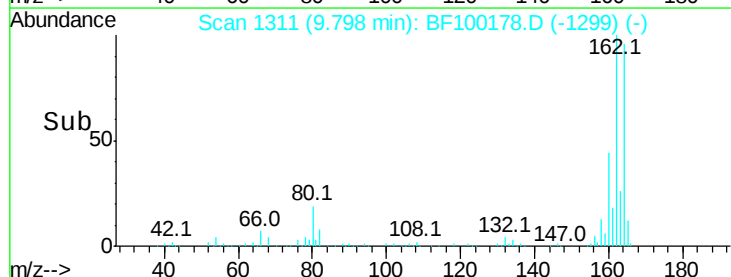
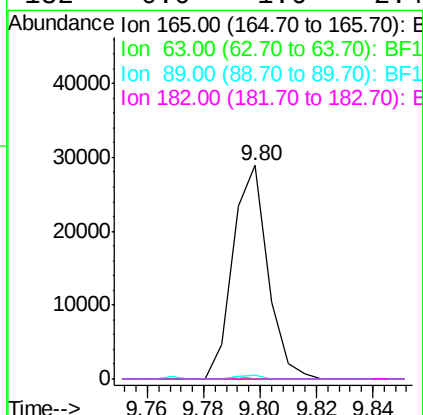
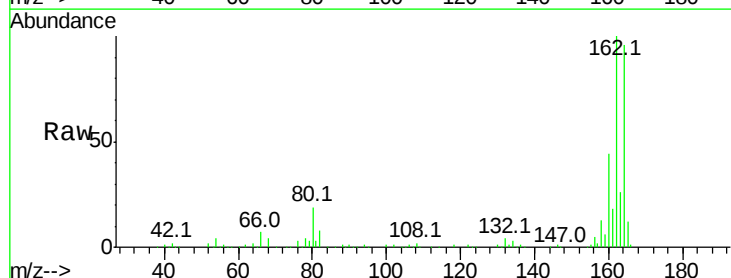
Instrument :
 BNA_F
 ClientSampleId :

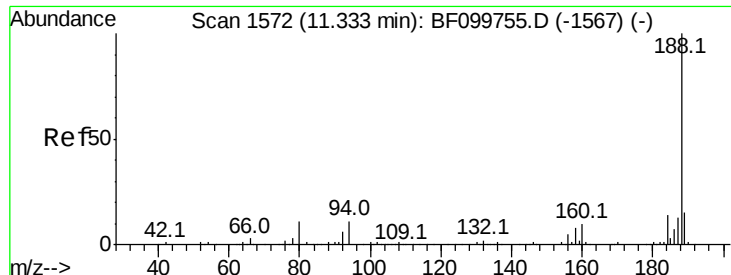
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.399 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.23 min
 Lab File: BF100178.D
 Acq: 4 Nov 2017 15:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

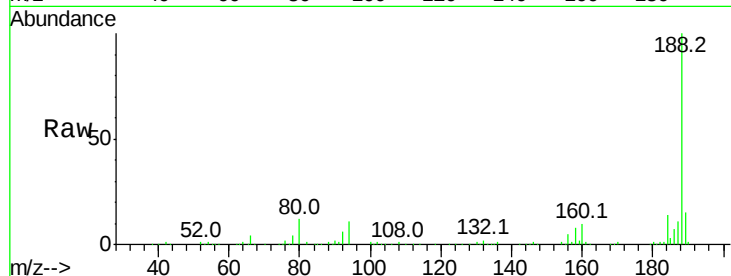




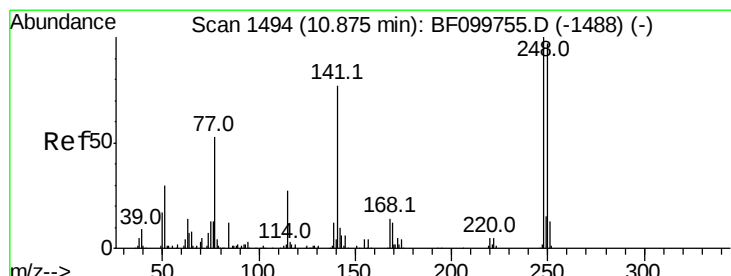
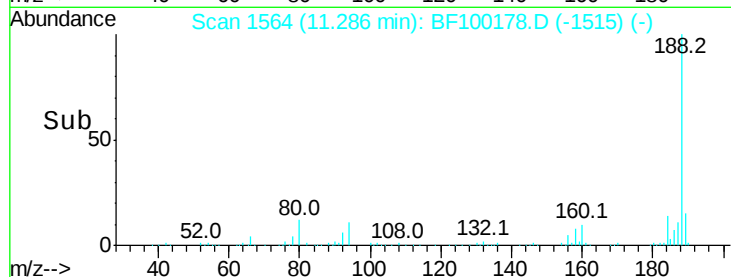
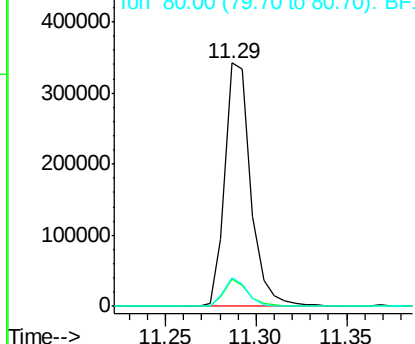
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 342391
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.5 9.2 13.8

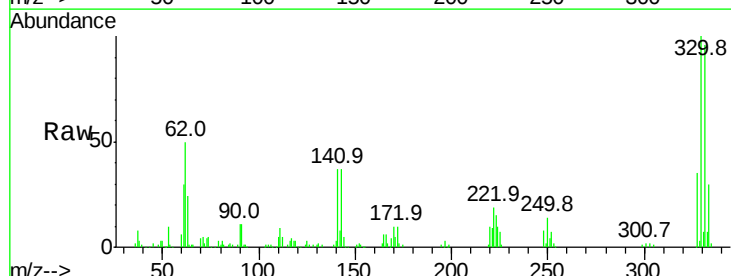


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

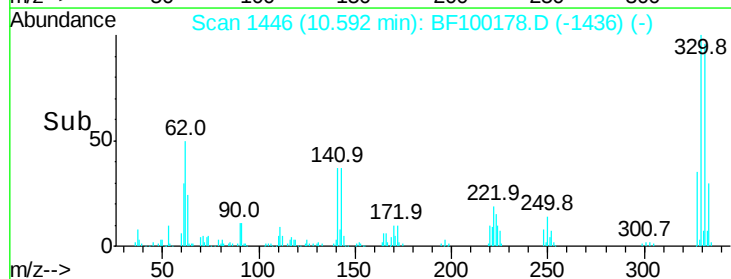
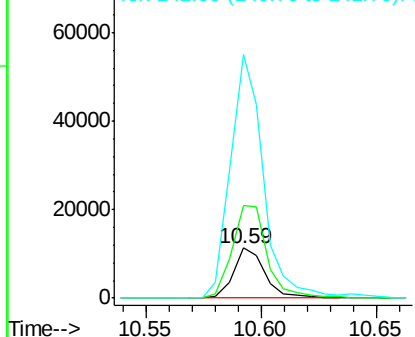


#66
4-Bromophenyl-phenylether
Concen: 2.942 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Tgt Ion:248 Resp: 10605
Ion Ratio Lower Upper
248 100
250 185.1 76.9 115.3#
141 487.5 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

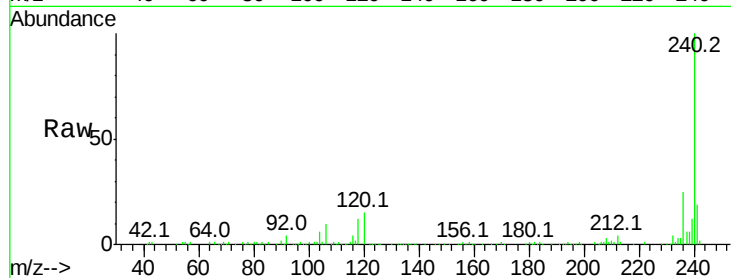




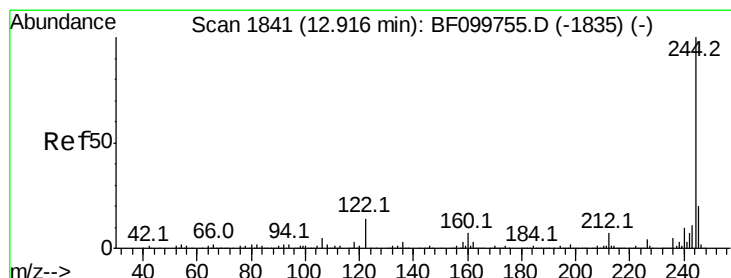
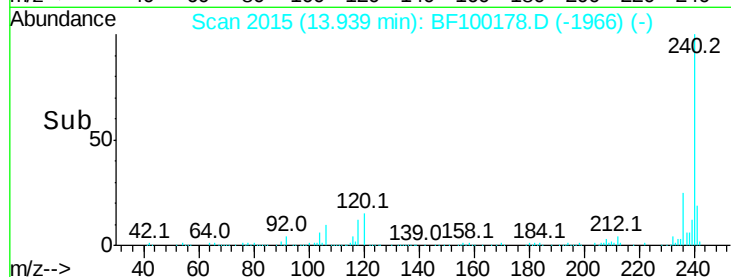
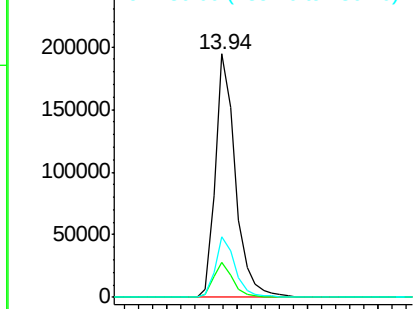
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF100178.D
 Acq: 4 Nov 2017 15:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 192067
 Ion Ratio Lower Upper
 240 100
 120 14.6 9.5 14.3#
 236 25.1 20.7 31.1

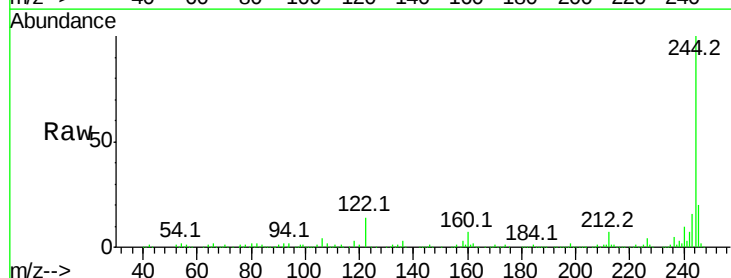


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

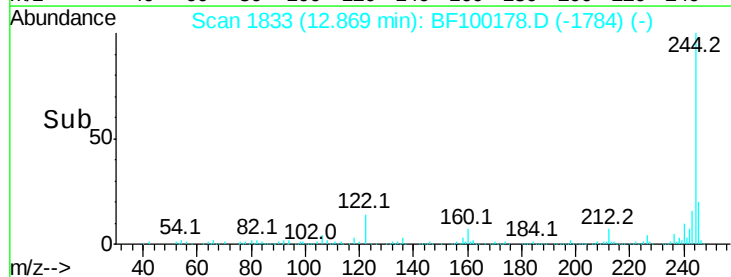
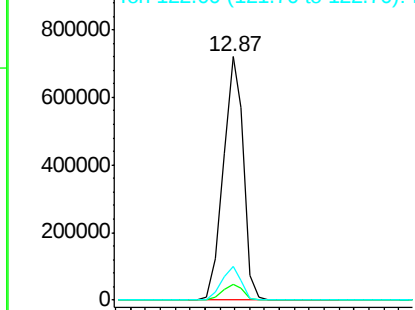


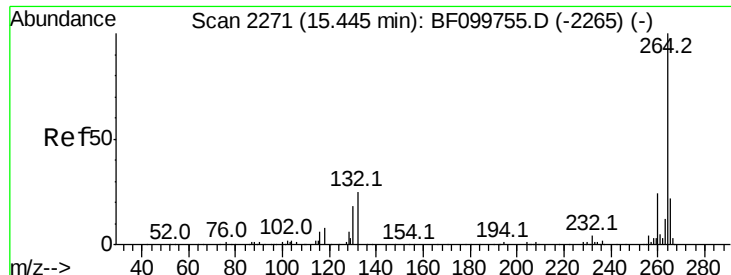
#78
 Terphenyl-d14
 Concen: 78.171 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF100178.D
 Acq: 4 Nov 2017 15:09

Tgt Ion:244 Resp: 687026
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.7 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

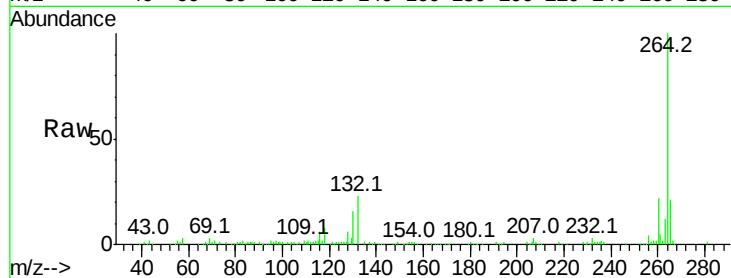




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF100178.D
Acq: 4 Nov 2017 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.8	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

