

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100123.D
 Acq On : 3 Nov 2017 9:30
 Operator : SJ/JU
 Sample : I6273-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 11:53:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

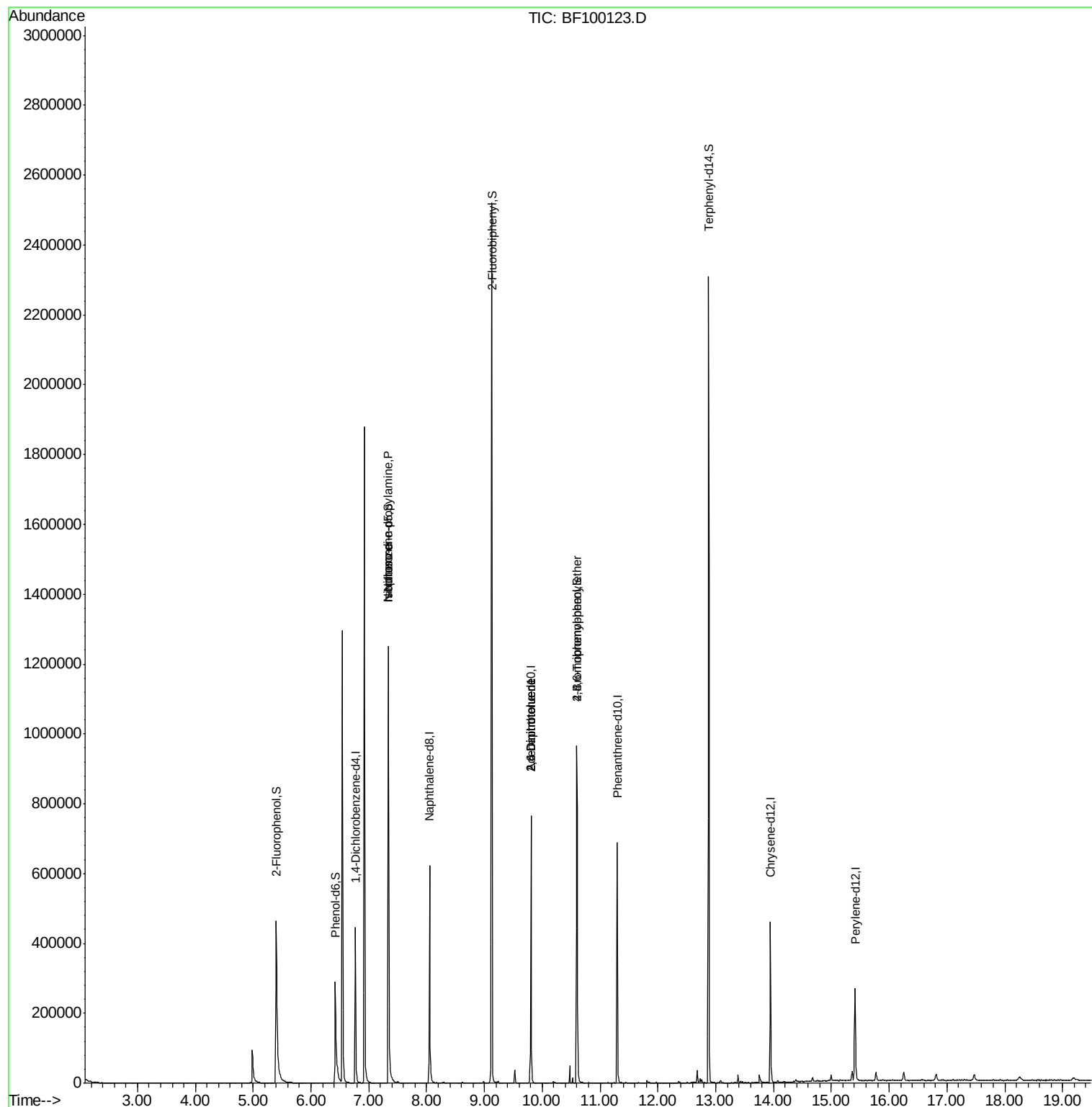
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	80770	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	330402	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	149880	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	268120	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	169363	20.00	ng	-0.03
86) Perylene-d12	15.41	264	131277	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	255307	49.63	ng	0.00
7) Phenol-d6	6.42	99	191833	31.45	ng	-0.01
23) Nitrobenzene-d5	7.34	82	483308	94.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	125745	92.06	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	954004	98.20	ng	0.00
78) Terphenyl-d14	12.88	244	842852	108.76	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	58364	16.326	ng	# 69
25) Isophorone	7.34	82	483308	51.899	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	18964	7.600	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	18964	6.311	ng	# 22
66) 4-Bromophenyl-phenylether	10.60	248	8402	2.977	ng	# 1

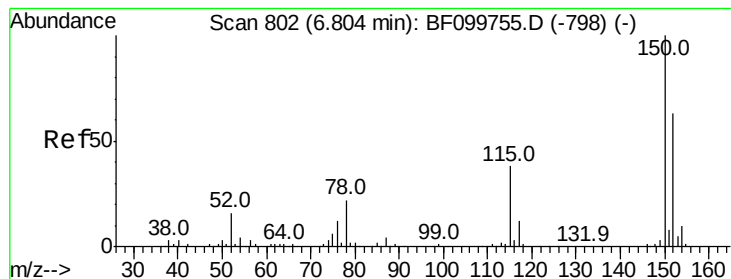
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
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BNA_F
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QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF100123.D

Acq: 3 Nov 2017 9:30

Instrument :

BNA_F

ClientSampleId :

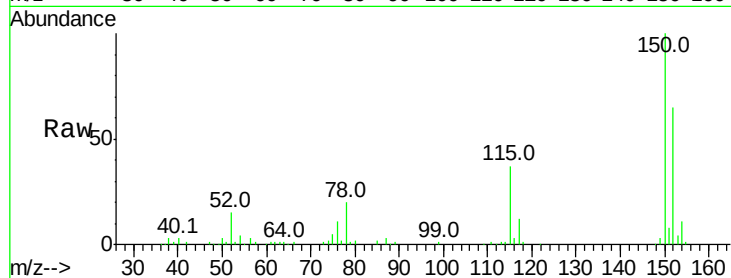
Tot Ion:152 Resp: 80770

Ion Ratio Lower Upper

152 100

150 154.0 124.6 186.8

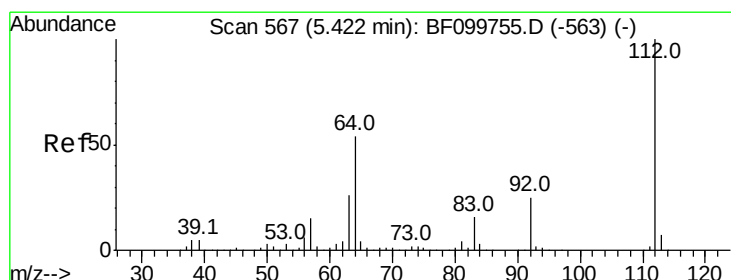
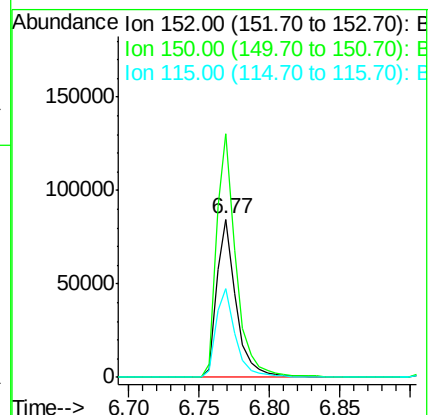
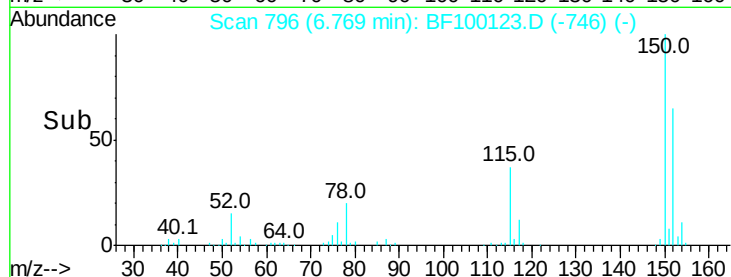
115 56.4 50.1 75.1



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: 49.625 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF100123.D

Acq: 3 Nov 2017 9:30

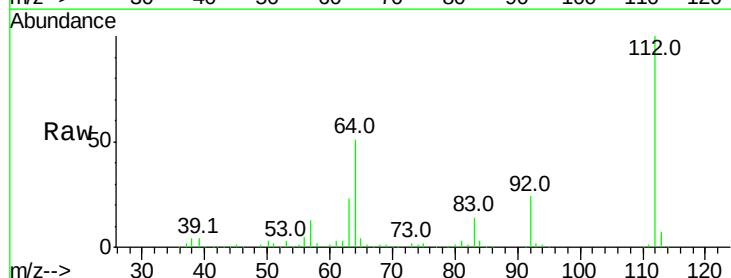
Tgt Ion:112 Resp: 255307

Ion Ratio Lower Upper

112 100

64 50.5 47.9 71.9

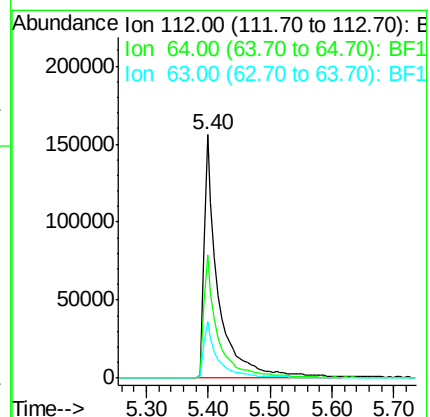
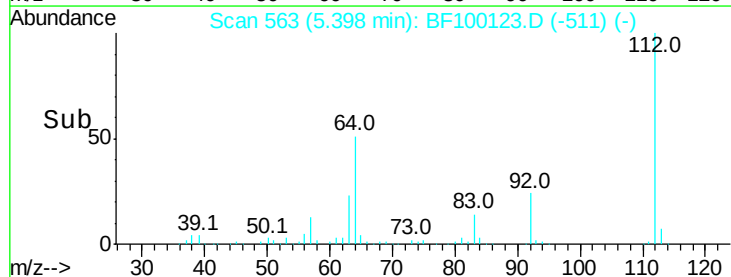
63 23.5 23.7 35.5#

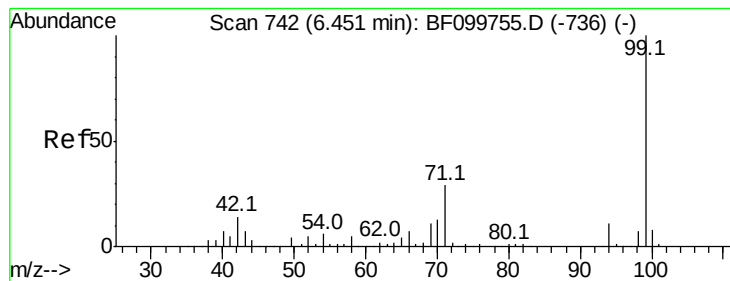


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 31.447 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100123.D

Acq: 3 Nov 2017 9:30

Instrument :

BNA_F

ClientSampleId :

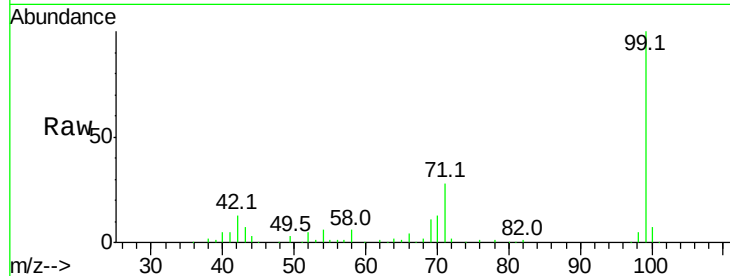
Tot Ion: 99 Resp: 191833

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

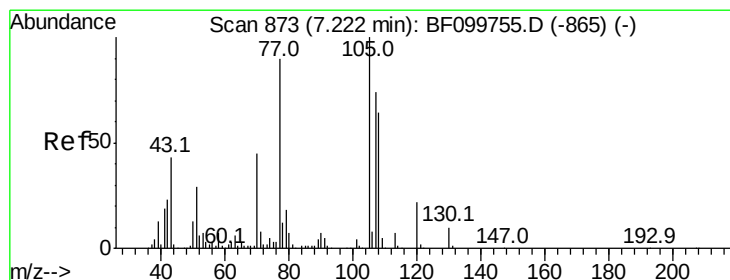
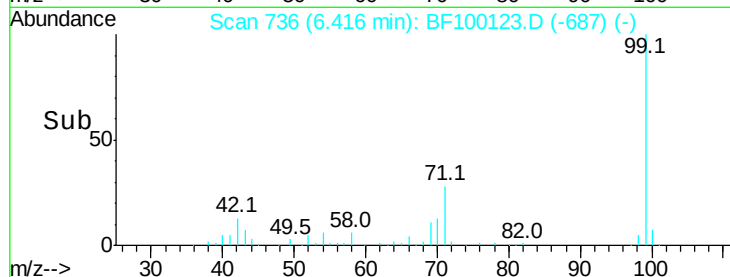
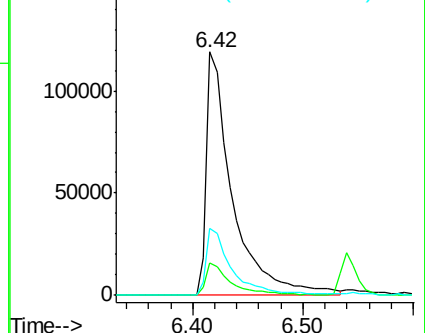
71 27.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.326 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100123.D

Acq: 3 Nov 2017 9:30

Tgt Ion: 70 Resp: 58364

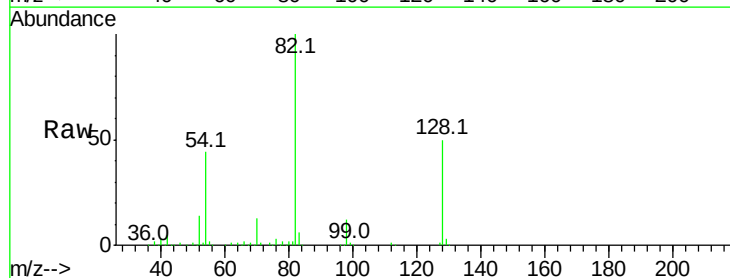
Ion Ratio Lower Upper

70 100

42 37.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

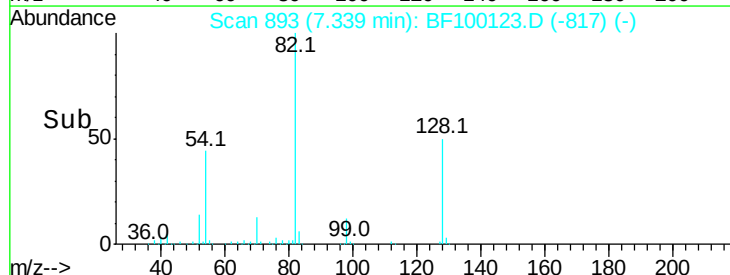
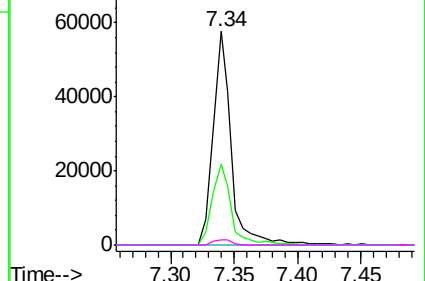


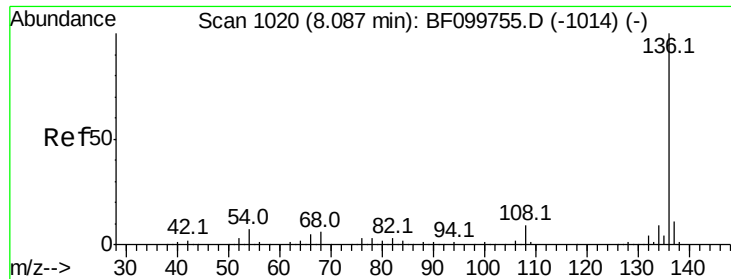
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

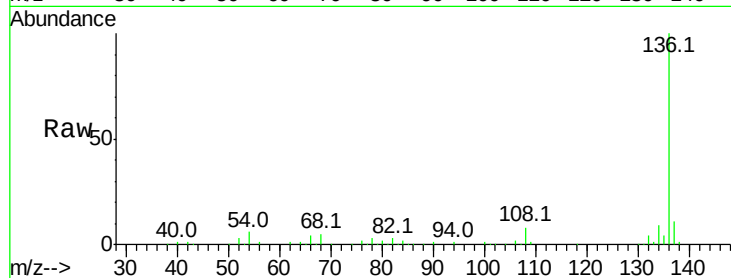




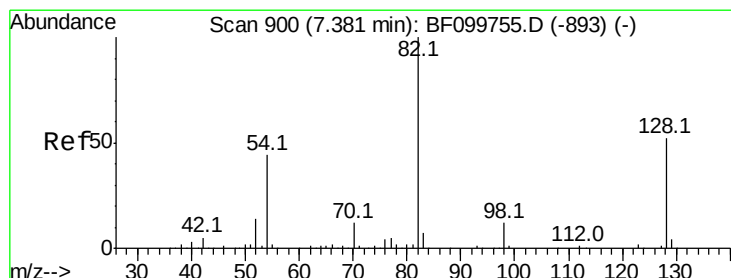
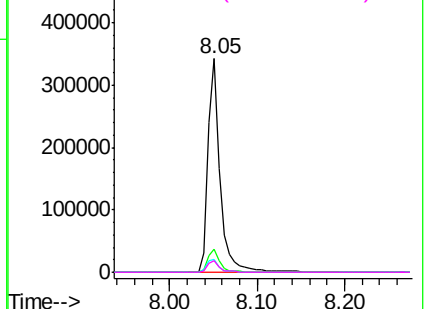
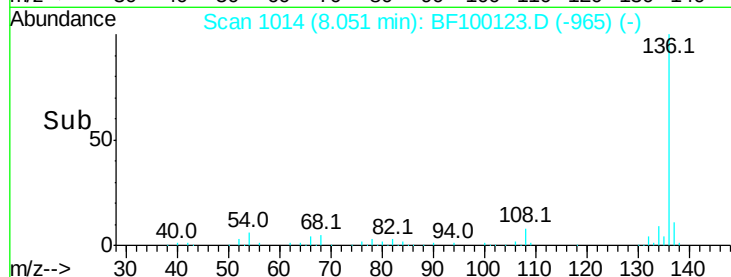
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100123.D
Acq: 3 Nov 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	330402
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4

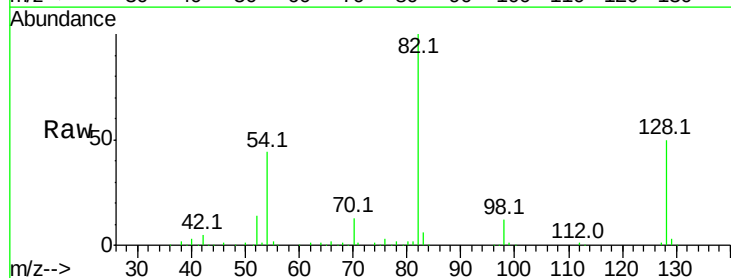


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

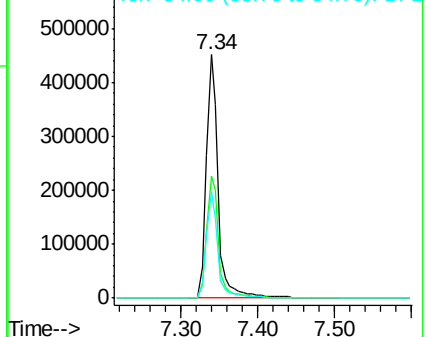
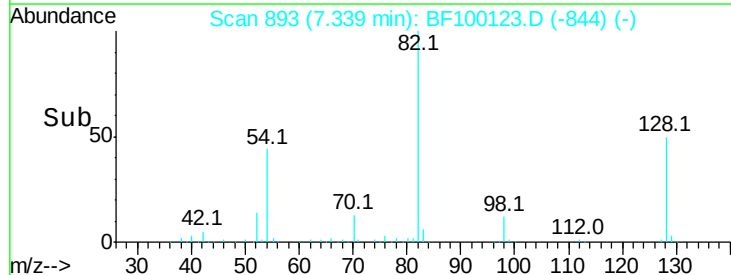


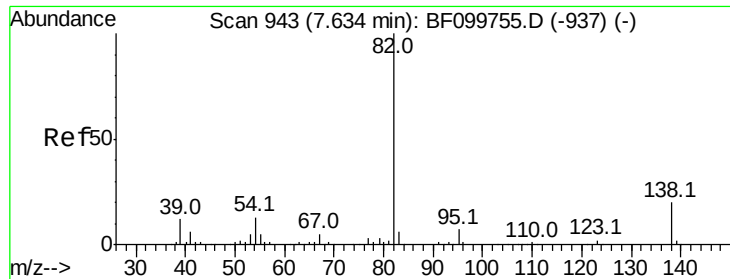
#23
Nitrobenzene-d5
Concen: 94.175 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100123.D
Acq: 3 Nov 2017 9:30

Tgt Ion:	82	Resp:	483308
Ion	Ratio	Lower	Upper
82	100		
128	50.4	36.1	54.1
54	43.9	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: 51.899 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100123.D

Acq: 3 Nov 2017 9:30

Instrument :

BNA_F

ClientSampleId :

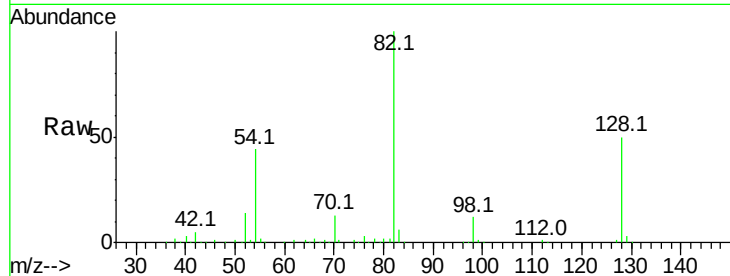
Tot Ion: 82 Resp: 483308

Ion Ratio Lower Upper

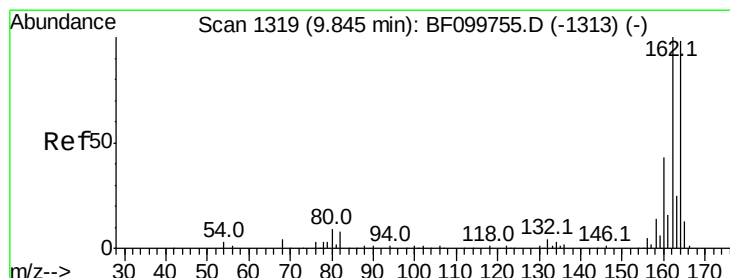
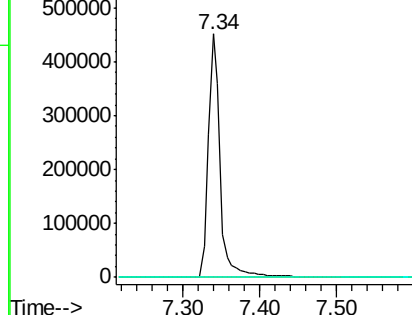
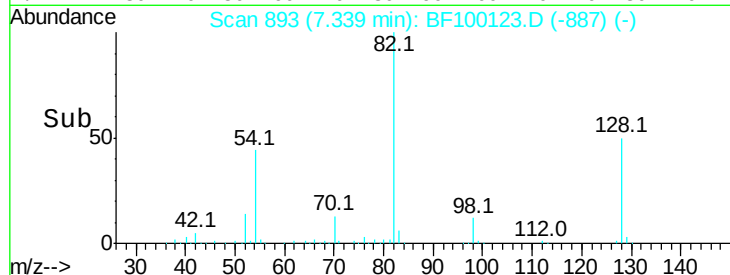
82 100

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# 1312

Delta R.T. -0.01 min

Lab File: BF100123.D

Acq: 3 Nov 2017 9:30

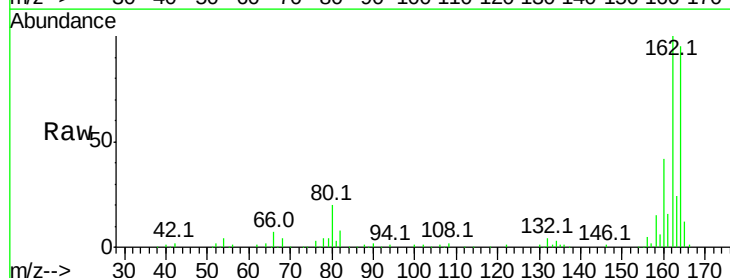
Tgt Ion:164 Resp: 149880

Ion Ratio Lower Upper

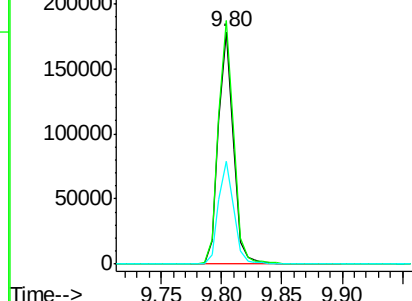
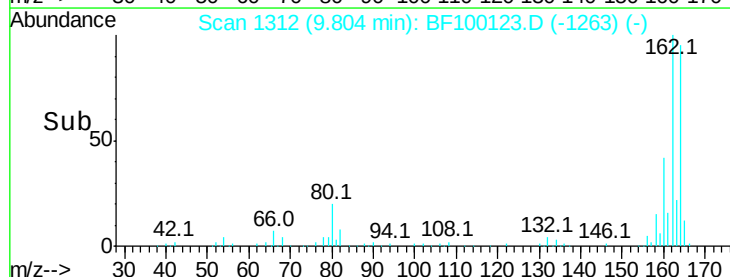
164 100

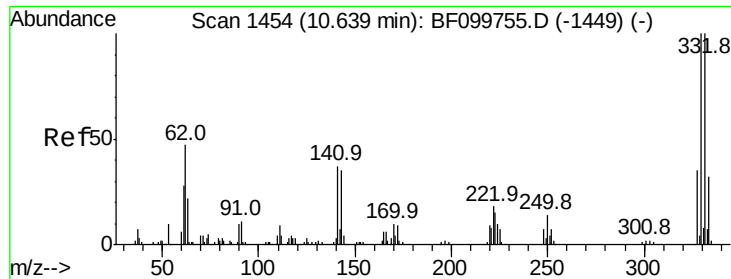
162 104.9 86.1 129.1

160 44.1 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

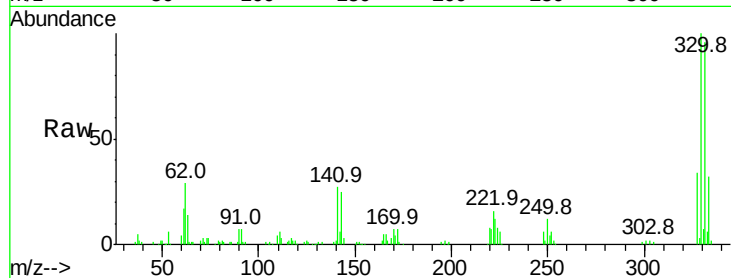




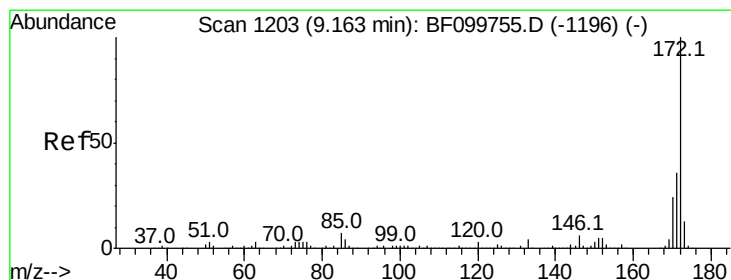
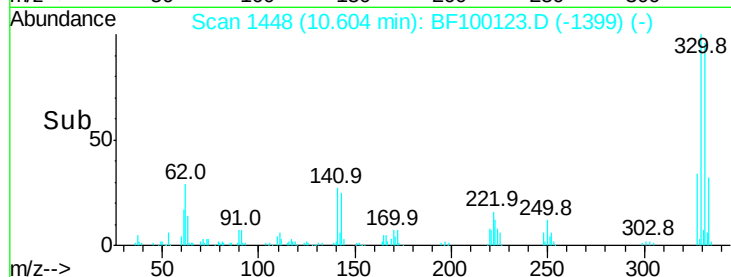
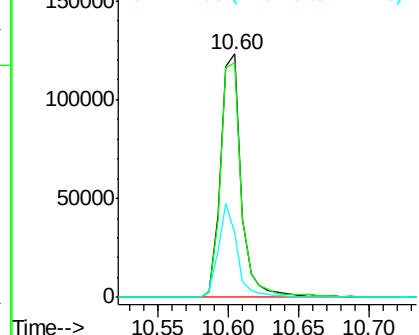
#41
 2,4,6-Tribromophenol
 Concen: 92.061 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100123.D
 Acq: 3 Nov 2017 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	35.0	29.9	44.9

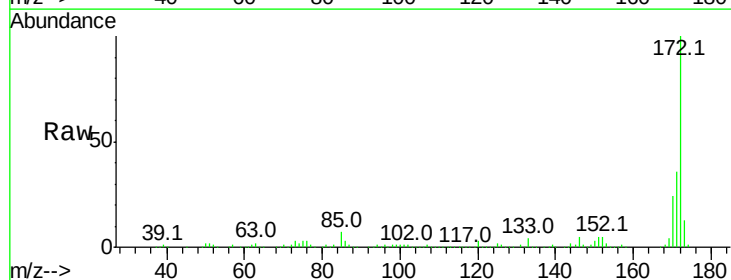


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

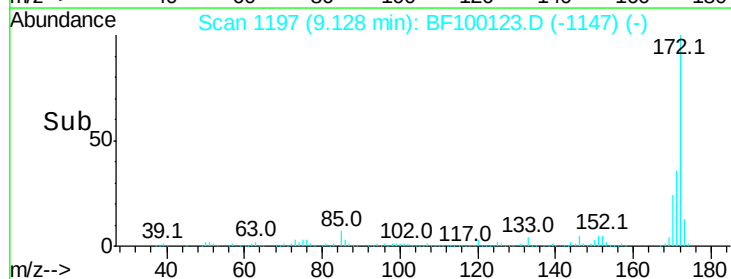
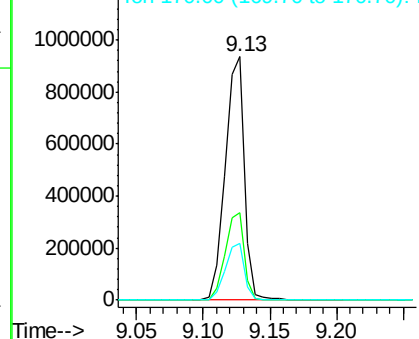


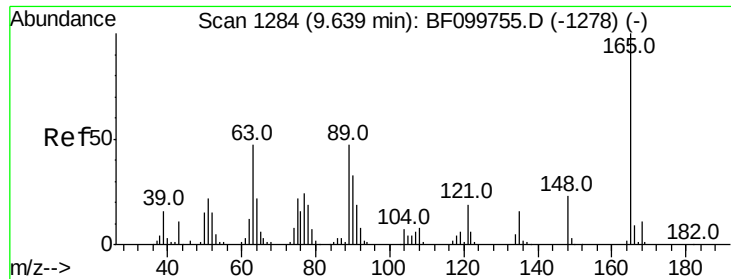
#44
 2-Fluorobiphenyl
 Concen: 98.204 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100123.D
 Acq: 3 Nov 2017 9:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.5	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

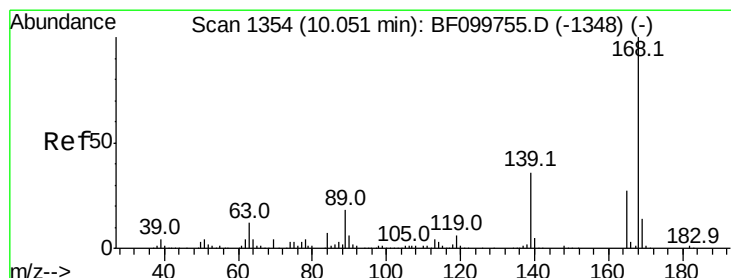
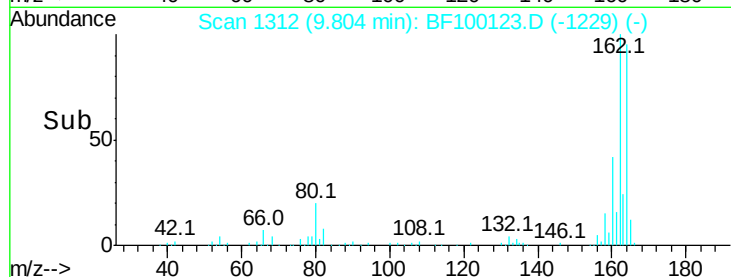
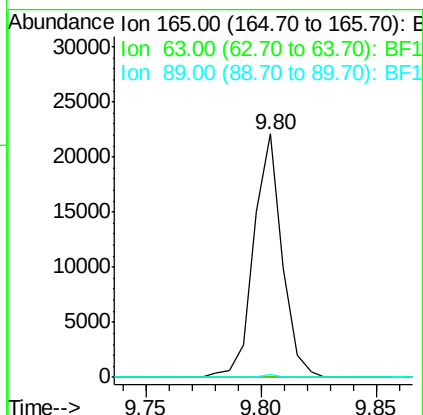
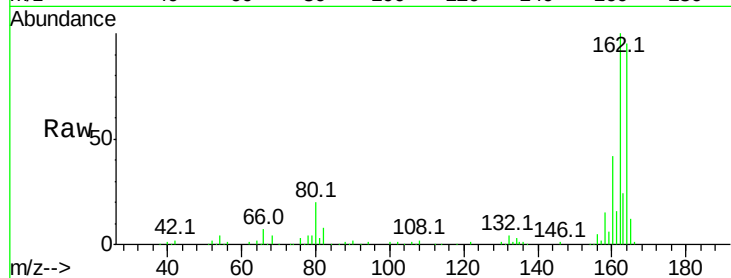




#50
2,6-Dinitrotoluene
Concen: 7.600 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100123.D
Acq: 3 Nov 2017 9:30

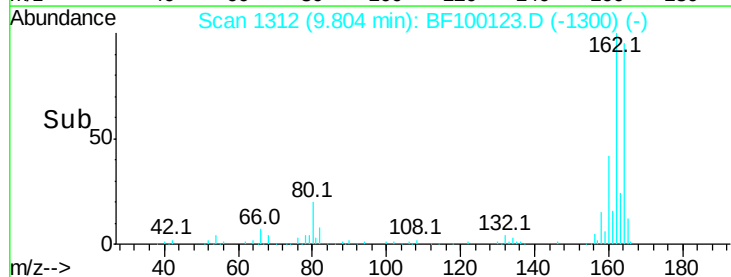
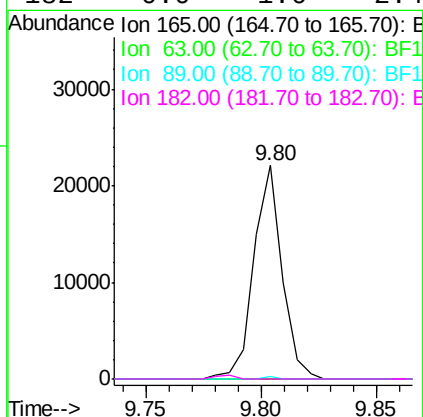
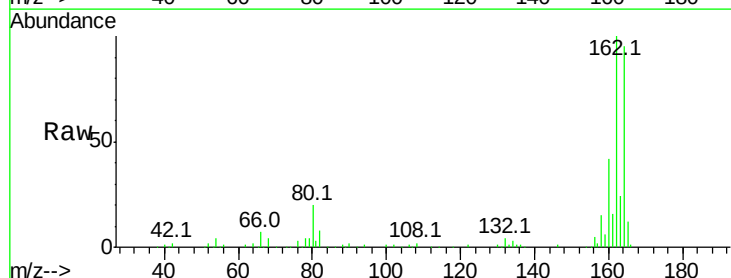
Instrument :
BNA_F
ClientSampleId :

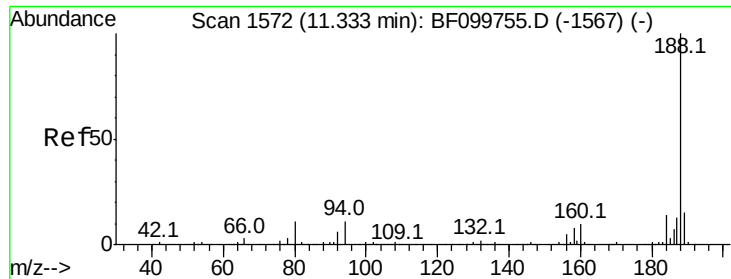
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.311 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.23 min
Lab File: BF100123.D
Acq: 3 Nov 2017 9:30

Tgt 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#

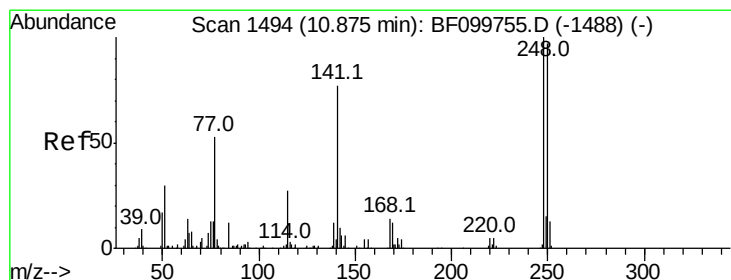
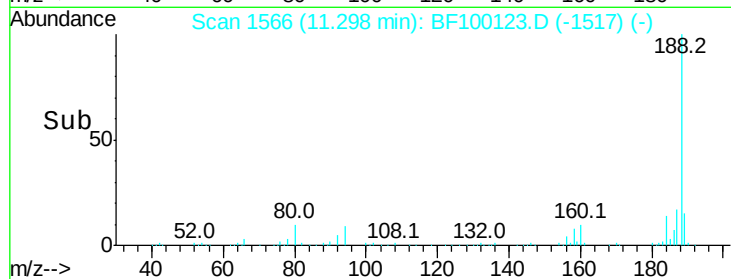
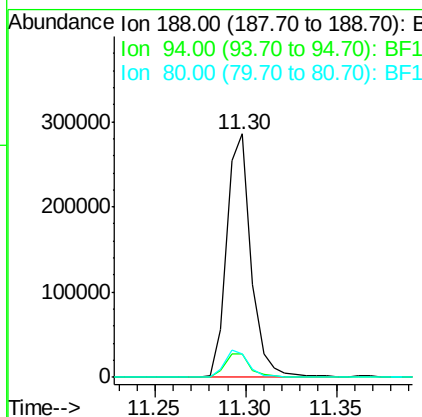
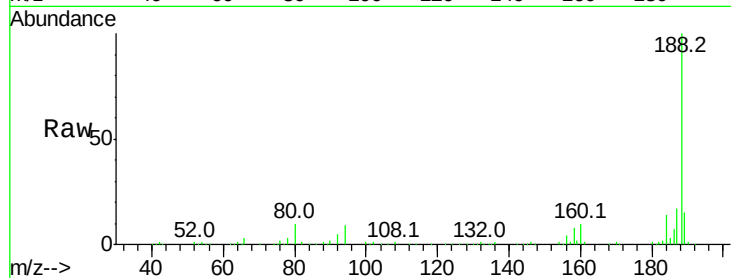




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100123.D
 Acq: 3 Nov 2017 9:30

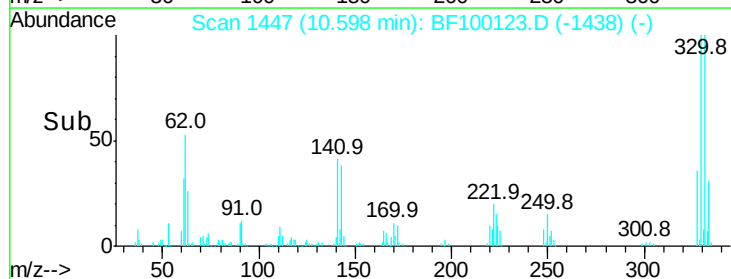
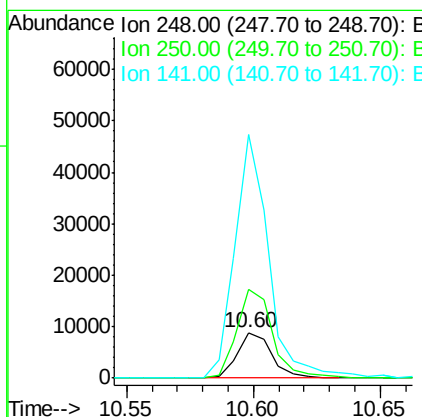
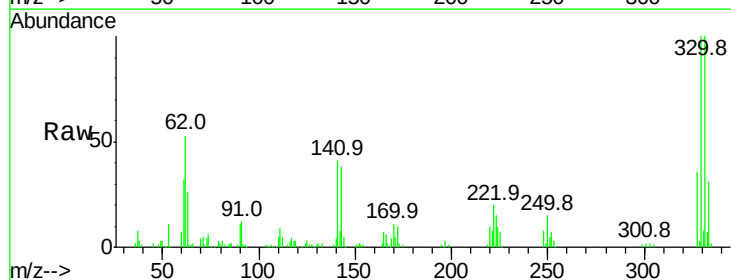
Instrument :
 BNA_F
 ClientSampleId :

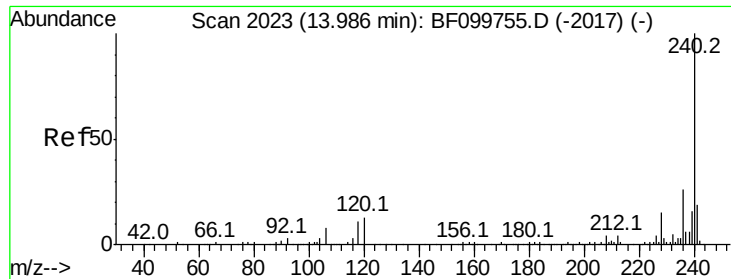
Tot Ion:188 Resp: 268120
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.5 12.7
 80 9.5 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.977 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF100123.D
 Acq: 3 Nov 2017 9:30

Tgt Ion:248 Resp: 8402
 Ion Ratio Lower Upper
 248 100
 250 195.3 76.9 115.3#
 141 538.8 74.4 111.6#

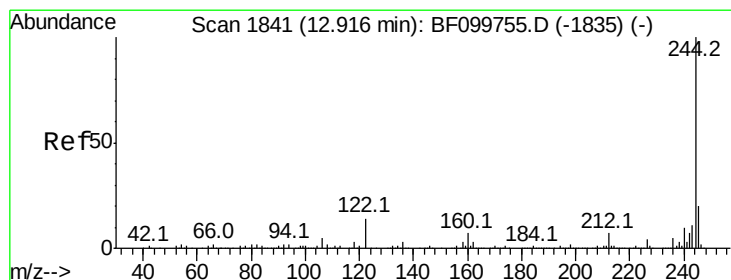
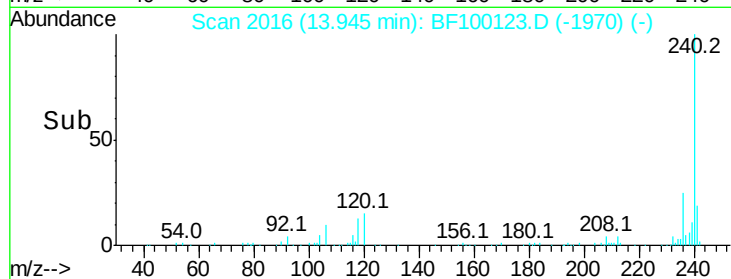
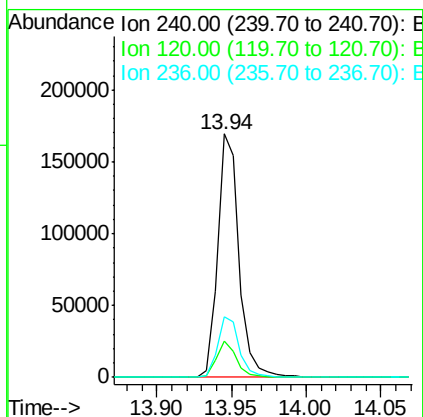
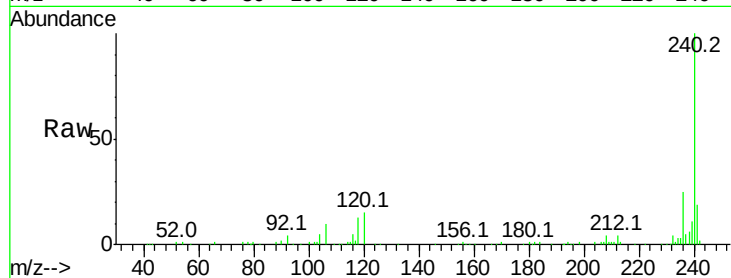




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100123.D
Acq: 3 Nov 2017 9:30

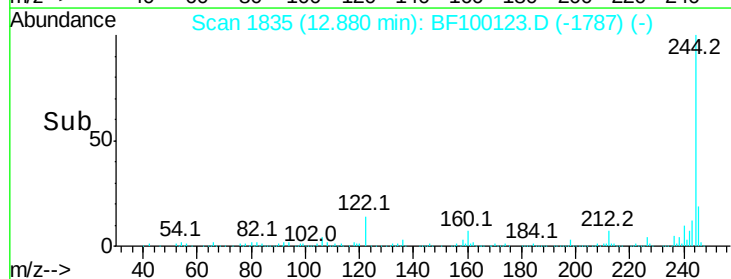
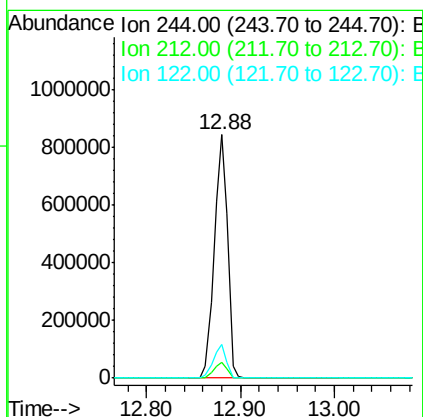
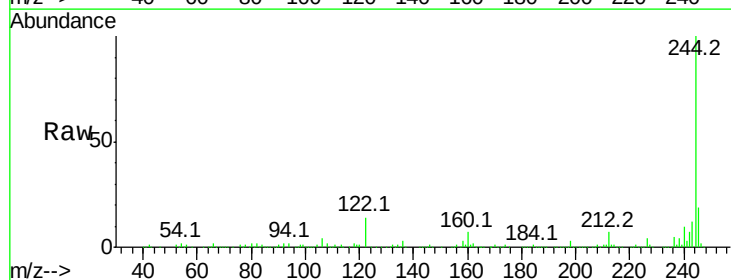
Instrument :
BNA_F
ClientSampleId :

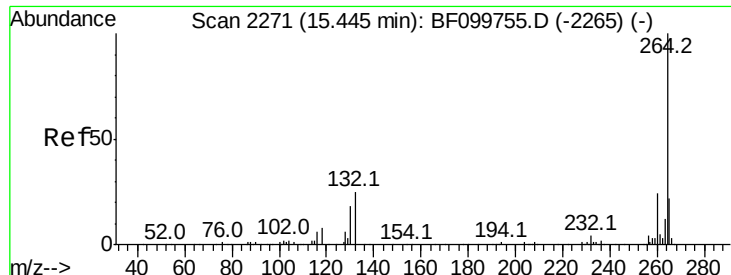
Tot Ion:240 Resp: 169363
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.1 20.7 31.1



#78
Terphenyl-d14
Concen: 108.757 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF100123.D
Acq: 3 Nov 2017 9:30

Tgt Ion:244 Resp: 842852
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.7 11.0 16.4

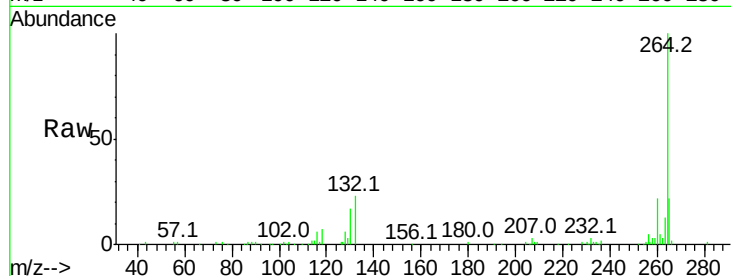




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100123.D
 Acq: 3 Nov 2017 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	21.8	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

