

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100099.D
 Acq On : 2 Nov 2017 21:44
 Operator : SJ/JU
 Sample : I6254-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

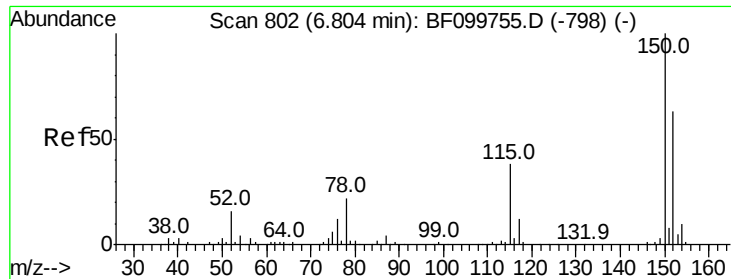
Quant Time: Nov 03 02:32:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	91366	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	365560	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	393288	20.00	ng	0.01
63) Phenanthrene-d10	11.30	188	237851	20.00	ng	0.00
75) Chrysene-d12	13.94	240	160603	20.00	ng	-0.03
86) Perylene-d12	15.41	264	156915	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	610048	104.83	ng	0.00
7) Phenol-d6	6.42	99	731755	106.04	ng	0.00
23) Nitrobenzene-d5	7.34	82	412291	72.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	131615	36.72	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	825961	32.40	ng	0.00
78) Terphenyl-d14	12.88	244	560998	76.34	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.55	77	10878	2.638	ng	86
10) Phenol	6.43	94	21079	2.782	ng	# 68
19) n-Nitroso-di-n-propylamine	7.34	70	51974	12.853	ng	# 71
25) Isophorone	7.34	82	412291	40.015	ng	# 64
47) 2-Nitroaniline	9.50	65	68105	10.043	ng	# 11
48) Acenaphthylene	9.82	152	815854	20.501	ng	# 86
49) Dimethylphthalate	9.63	163	80301	2.578	ng	99
50) 2,6-Dinitrotoluene	9.50	165	298884	45.649	ng	# 45
53) 2,4-Dinitrophenol	9.87	184	25632	14.963	ng	# 1
54) Dibenzofuran	10.06	168	780284	22.733	ng	# 74
55) 4-Nitrophenol	9.99	139	16400	4.068	ng	# 29
56) 2,4-Dinitrotoluene	10.07	165	2253322	285.773	ng	# 40
66) 4-Bromophenyl-phenylether	10.62	248	8820	3.522	ng	# 1

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

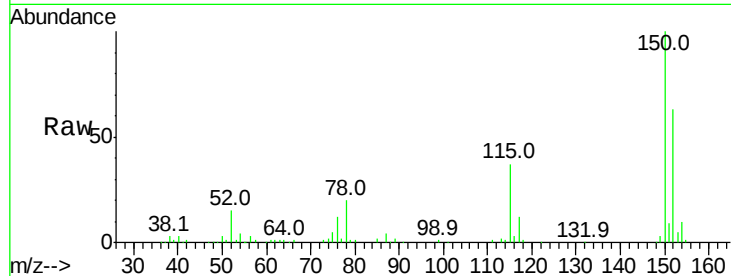


#1

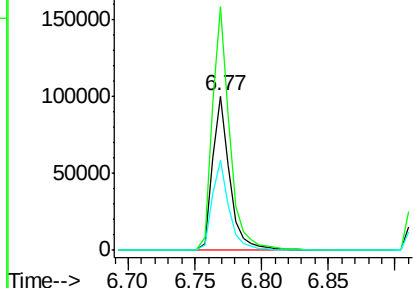
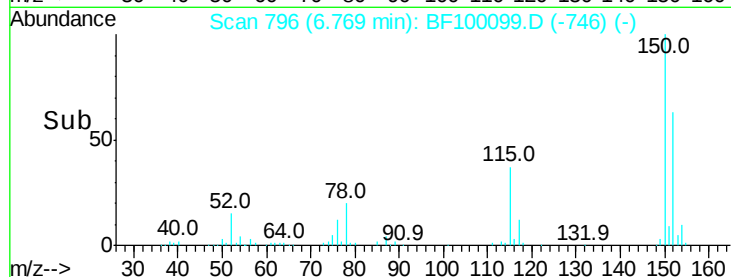
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100099.D
Acq: 2 Nov 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91366
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 58.2 50.1 75.1



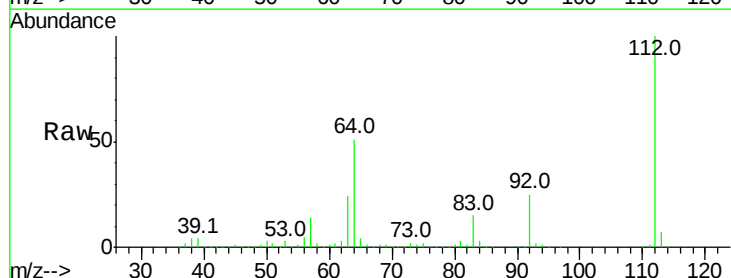
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



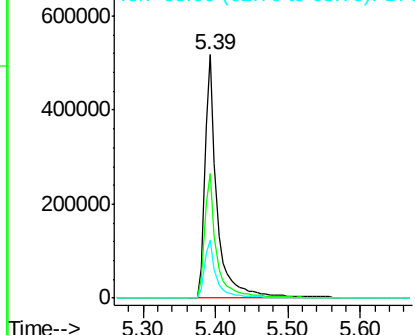
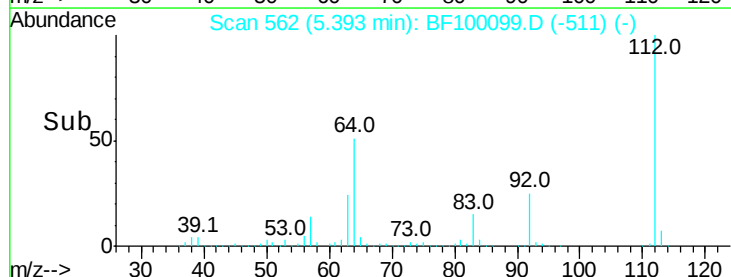
#5

2-Fluorophenol
Concen: 104.826 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100099.D
Acq: 2 Nov 2017 21:44

Tgt Ion:112 Resp: 610048
Ion Ratio Lower Upper
112 100
64 50.9 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: 106.045 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

Instrument :

BNA_F

ClientSampleId :

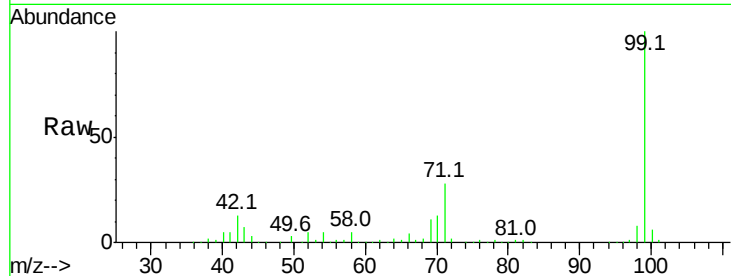
Tot Ion: 99 Resp: 731755

Ion Ratio Lower Upper

99 100

42 12.9 14.5 21.7#

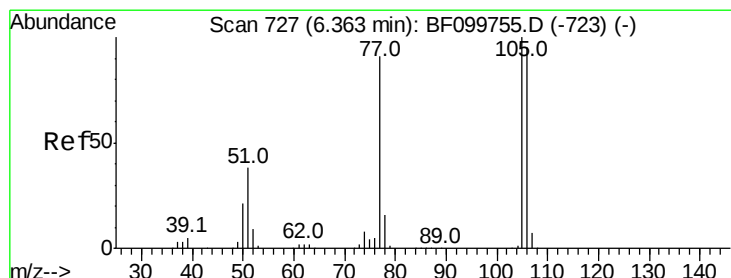
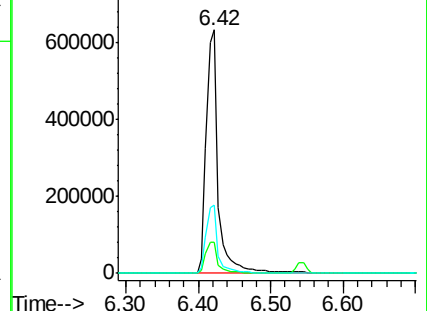
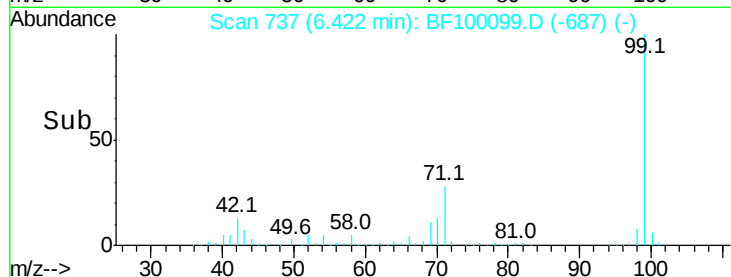
71 28.1 25.4 38.0



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: 2.638 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

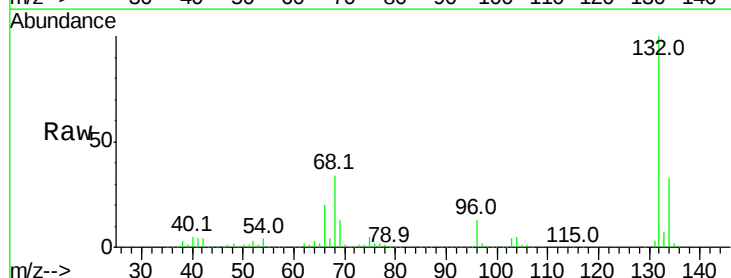
Tgt Ion: 77 Resp: 10878

Ion Ratio Lower Upper

77 100

105 84.6 81.1 121.1

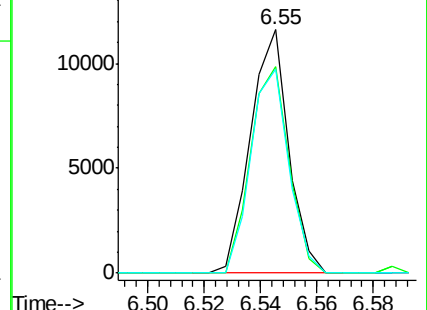
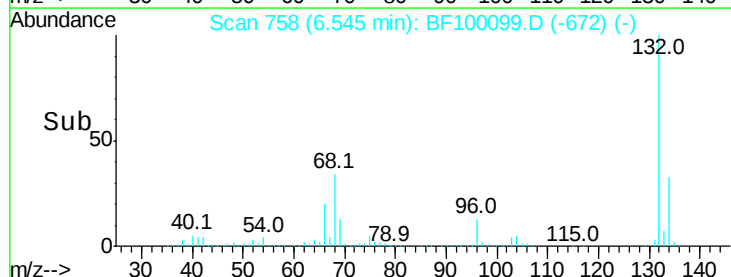
106 83.9 74.5 114.5

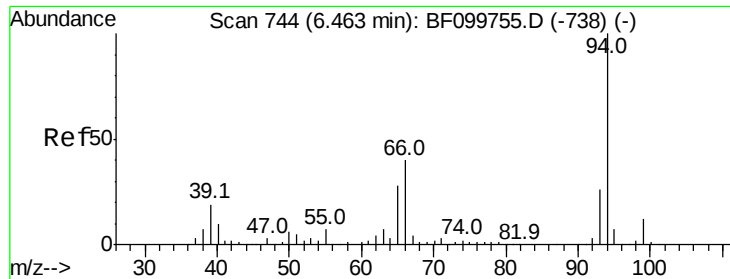


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

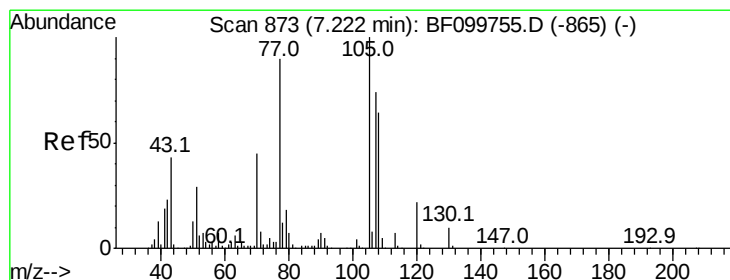
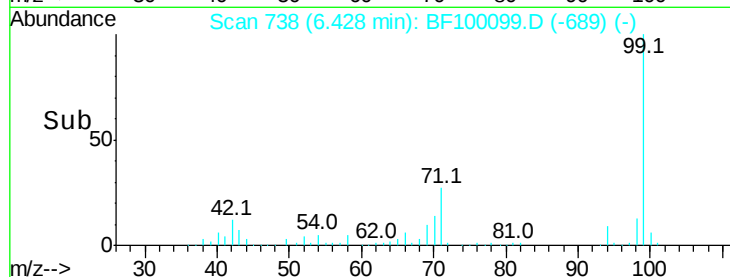
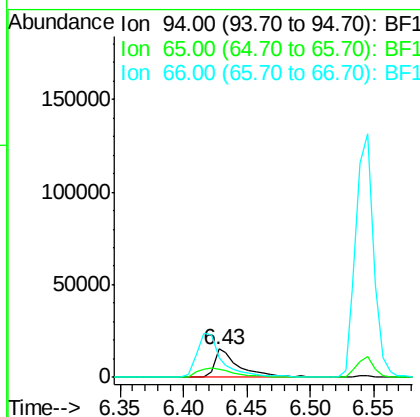
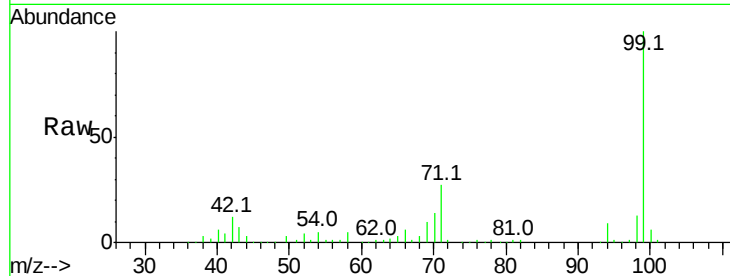




#10
Phenol
Concen: 2.782 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF100099.D
Acq: 2 Nov 2017 21:44

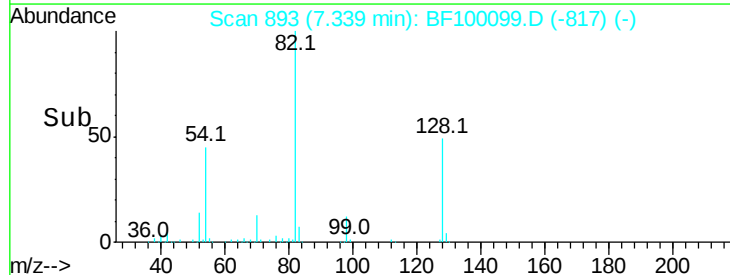
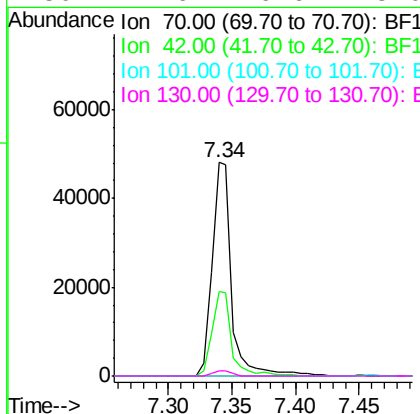
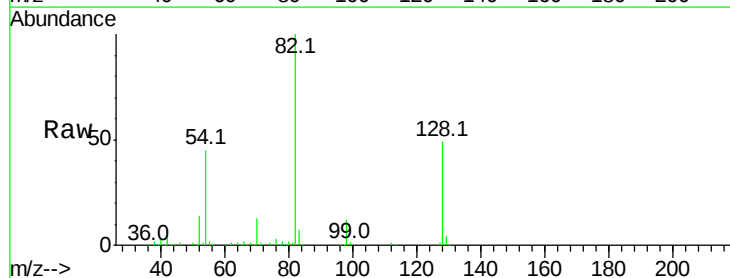
Instrument :
BNA_F
ClientSampleId :

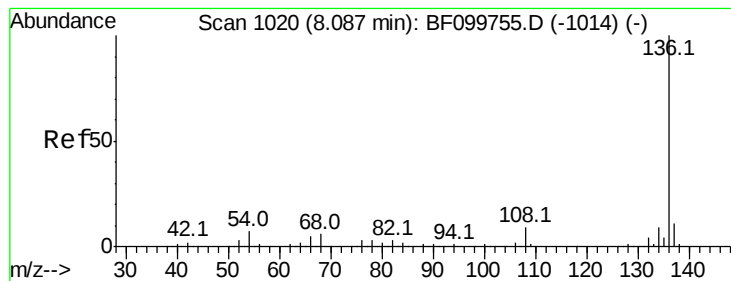
Tot Ion: 94 Resp: 21079
Ion Ratio Lower Upper
94 100
65 29.5 7.9 47.9
66 68.5 16.2 56.2#



#19
n-Nitroso-di-n-propylamine
Concen: 12.853 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.15 min
Lab File: BF100099.D
Acq: 2 Nov 2017 21:44

Tgt Ion: 70 Resp: 51974
Ion Ratio Lower Upper
70 100
42 39.8 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 365560

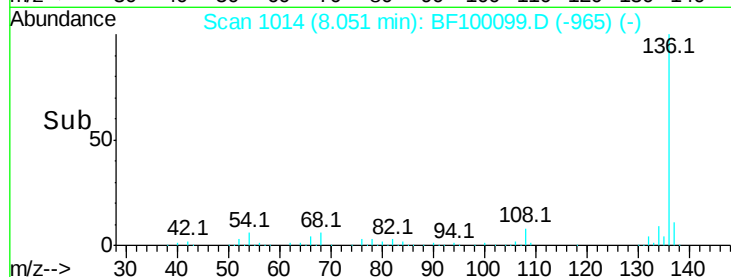
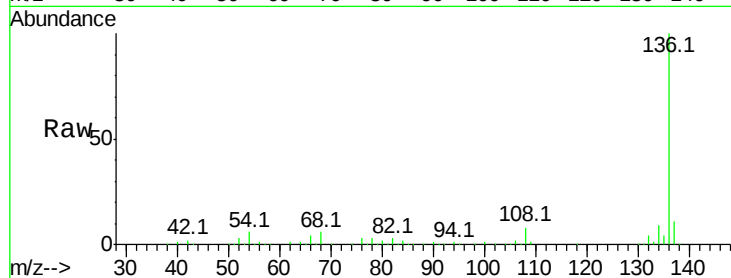
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.1 6.6 9.8#

68 5.9 5.0 7.4

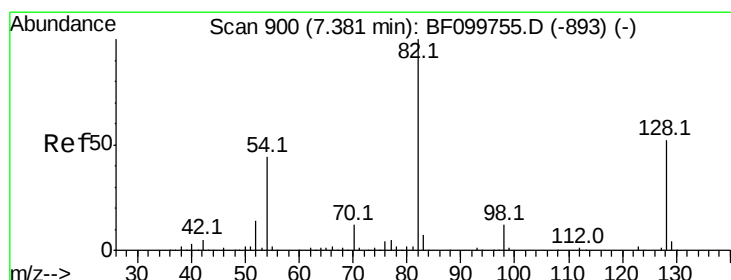
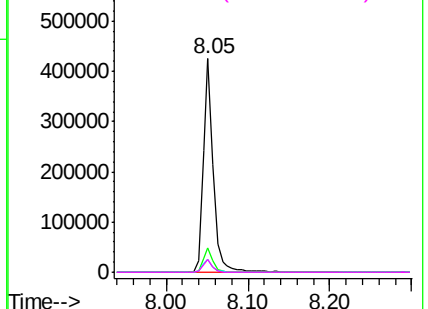


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.611 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

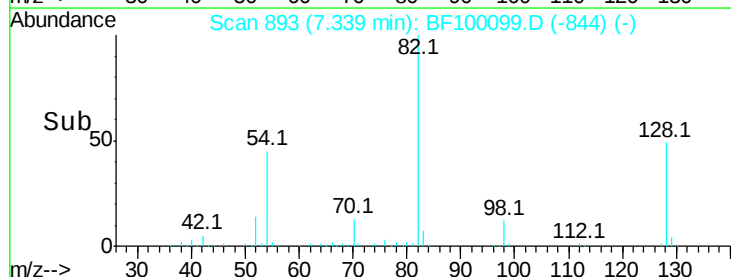
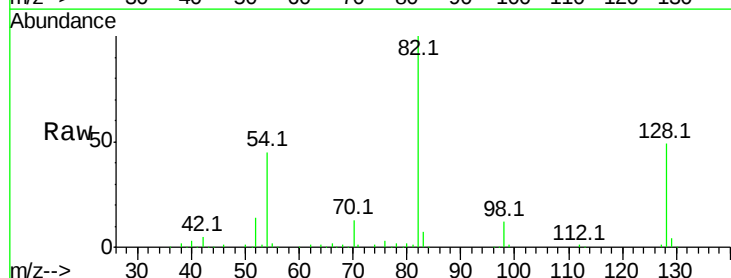
Tgt Ion: 82 Resp: 412291

Ion Ratio Lower Upper

82 100

128 49.5 36.1 54.1

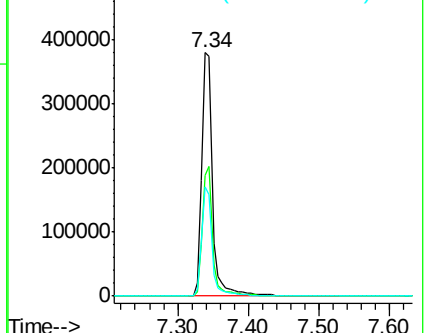
54 44.9 41.4 62.2



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: 40.015 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

Instrument :

BNA_F

ClientSampleId :

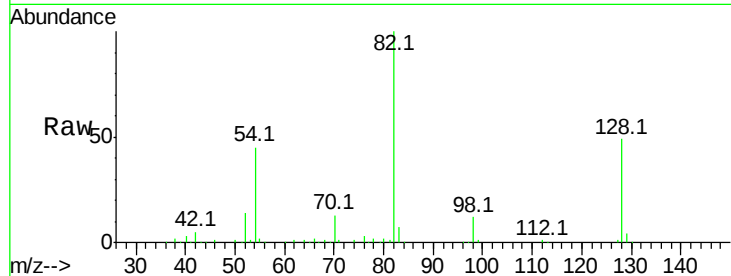
Tot Ion: 82 Resp: 412291

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

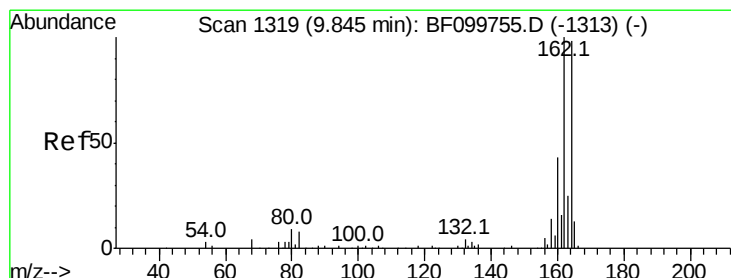
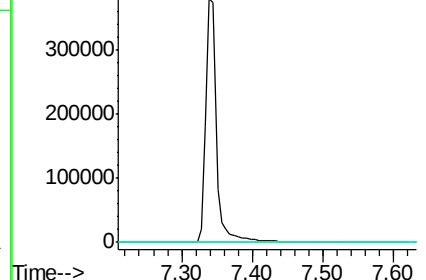
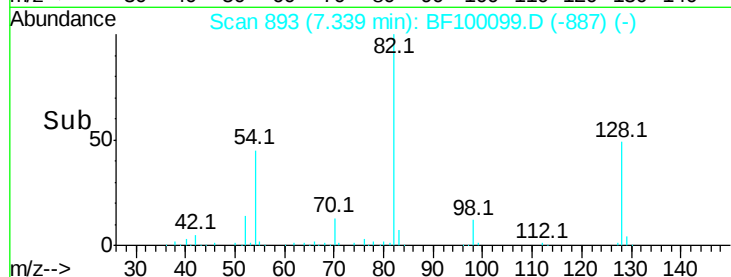
138 0.0 14.9 22.3#



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: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

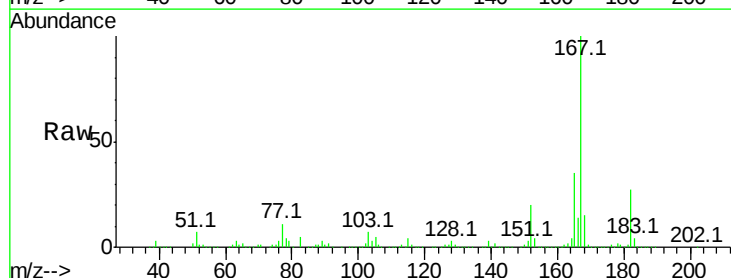
Tgt Ion:164 Resp: 393288

Ion Ratio Lower Upper

164 100

162 18.1 86.1 129.1#

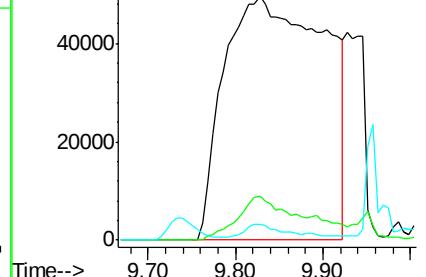
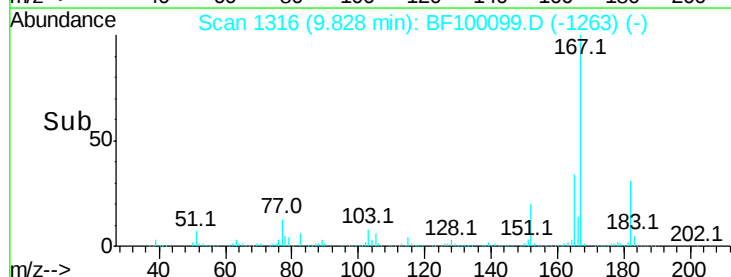
160 6.3 38.3 57.5#

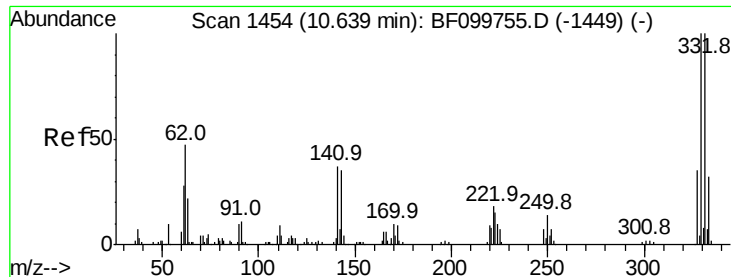


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

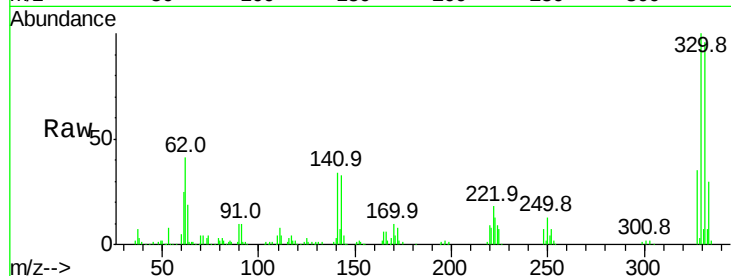




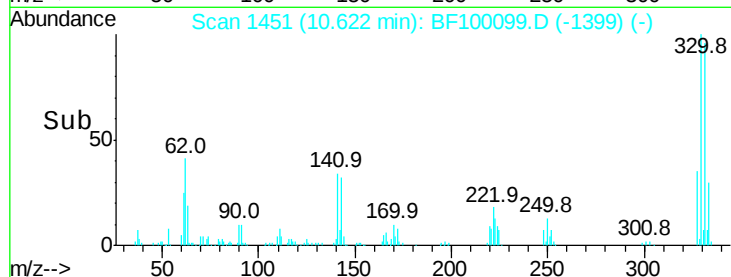
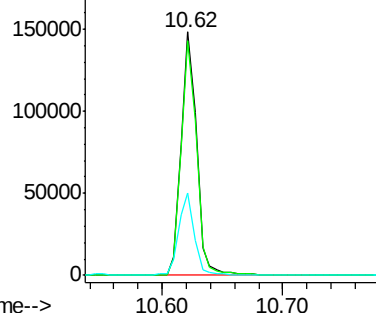
#41
 2,4,6-Tribromophenol
 Concen: 36.722 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF100099.D
 Acq: 2 Nov 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 131615
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 34.6 29.9 44.9

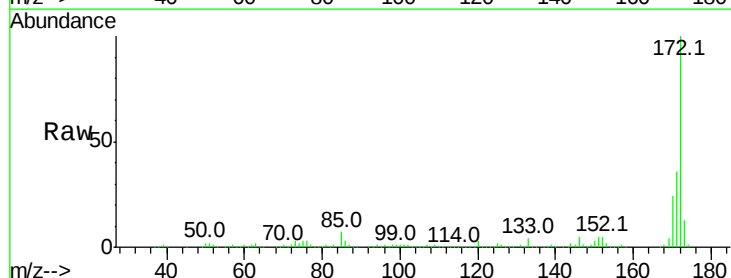


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

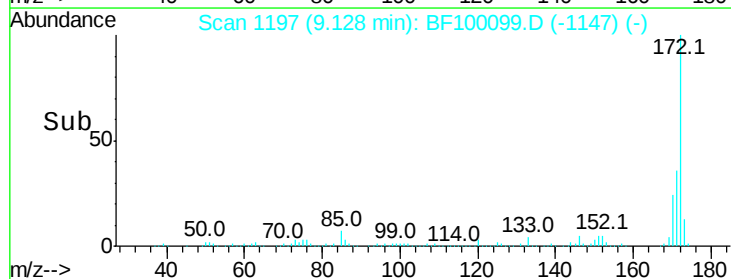
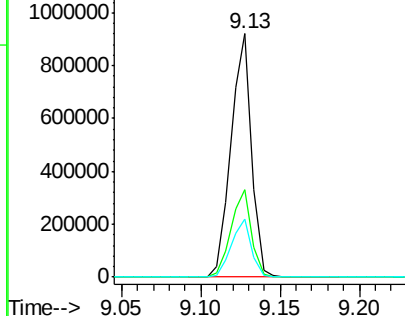


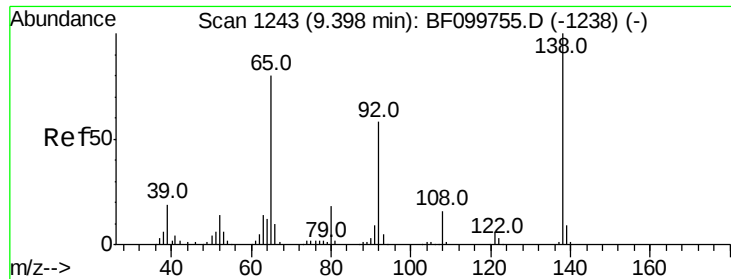
#44
 2-Fluorobiphenyl
 Concen: 32.402 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100099.D
 Acq: 2 Nov 2017 21:44

Tgt Ion:172 Resp: 825961
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.6 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

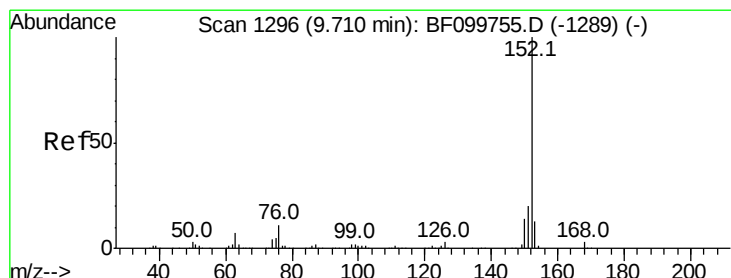
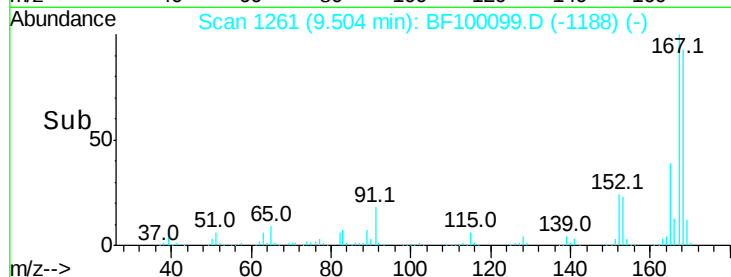
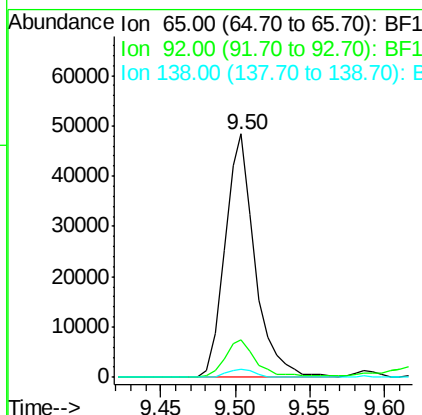
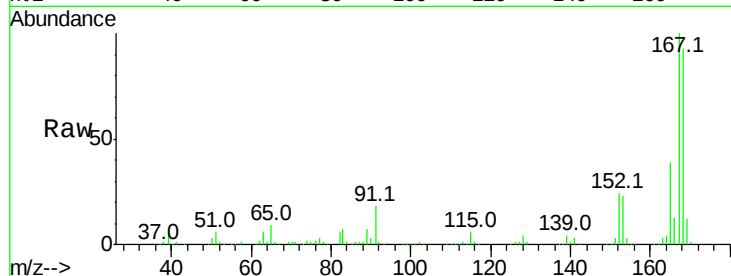




#47
2-Nitroaniline
Concen: 10.043 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.13 min
Lab File: BF100099.D
Acq: 2 Nov 2017 21:44

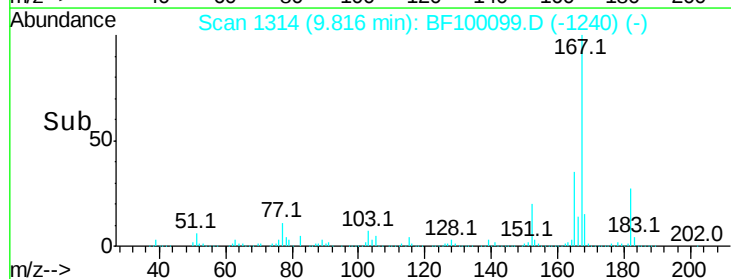
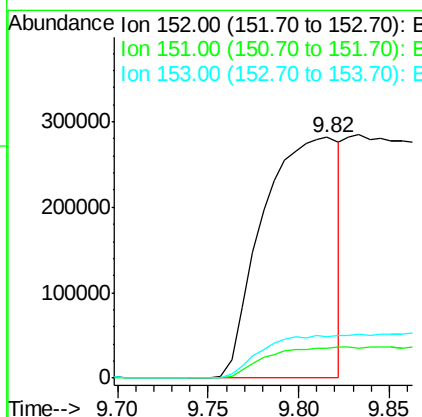
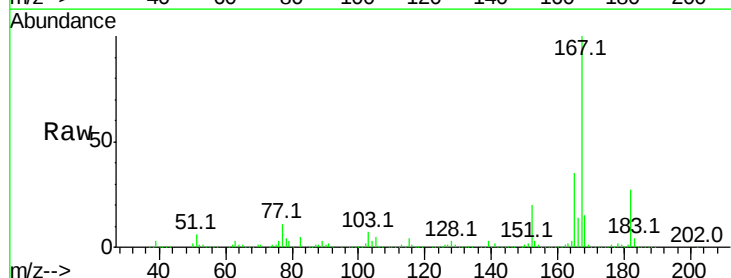
Instrument :
BNA_F
ClientSampleId :

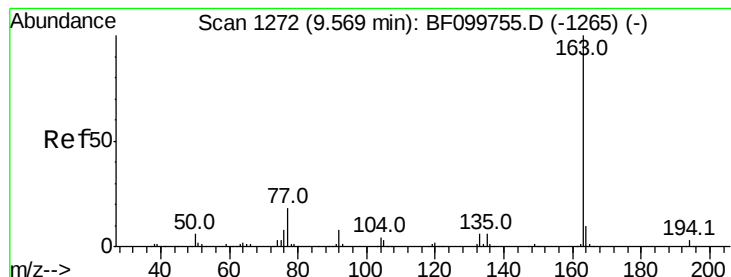
Tot Ion: 65 Resp: 68105
Ion Ratio Lower Upper
65 100
92 15.2 55.8 83.6#
138 3.4 91.2 136.8#



#48
Acenaphthylene
Concen: 20.501 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.14 min
Lab File: BF100099.D
Acq: 2 Nov 2017 21:44

Tgt Ion:152 Resp: 815854
Ion Ratio Lower Upper
152 100
151 12.3 16.3 24.5#
153 17.2 10.7 16.1#





#49

Dimethylphthalate

Concen: 2.578 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.09 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

Instrument :

BNA_F

ClientSampleId :

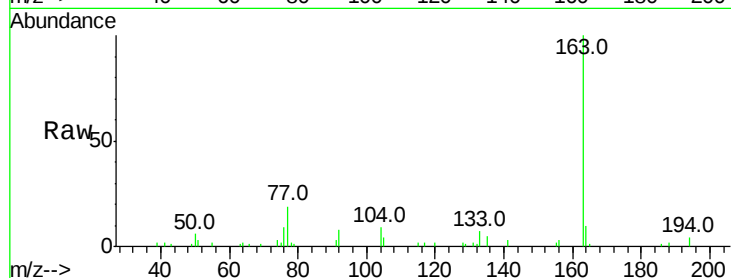
Tot Ion:163 Resp: 80301

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

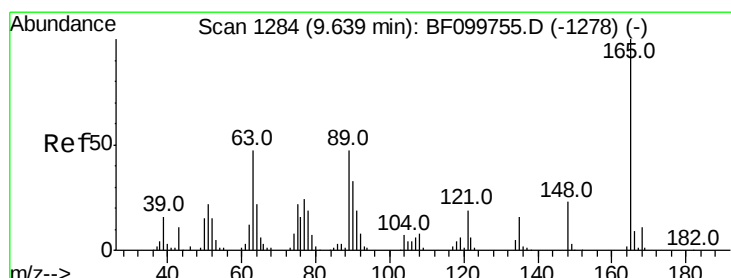
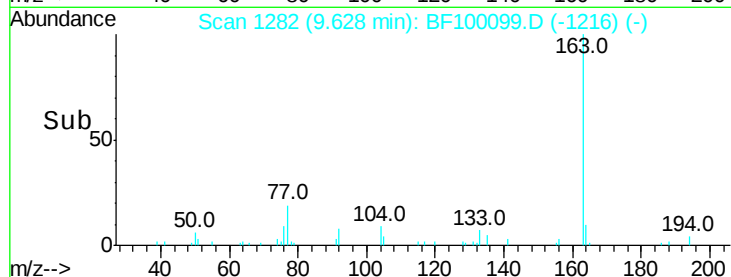
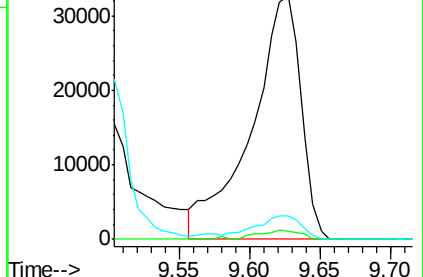
164 9.7 8.2 12.2



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: 45.649 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.11 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

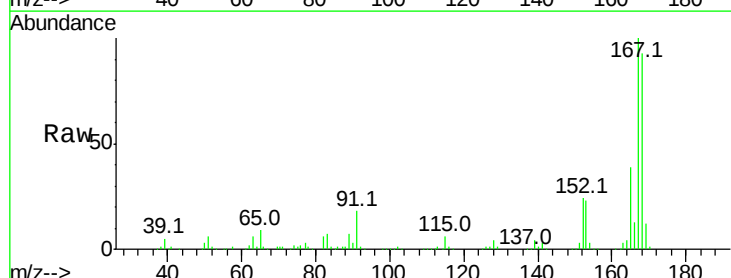
Tgt Ion:165 Resp: 298884

Ion Ratio Lower Upper

165 100

63 14.1 44.7 67.1#

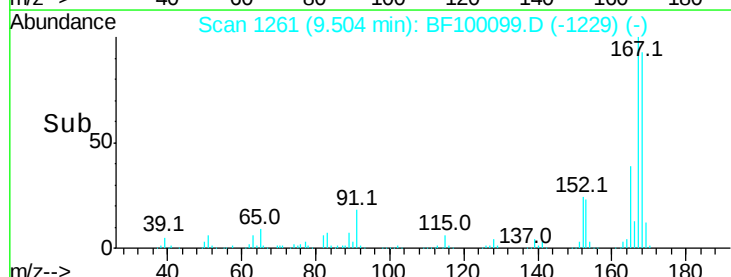
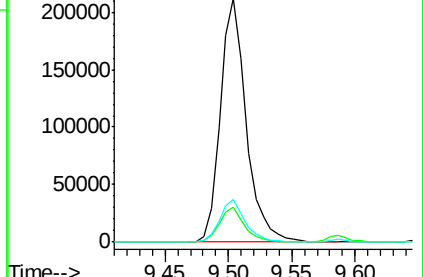
89 17.3 44.0 66.0#

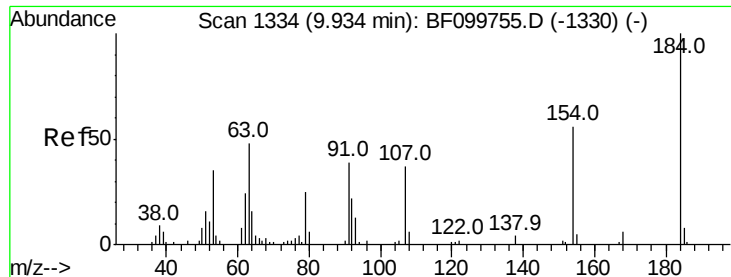


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

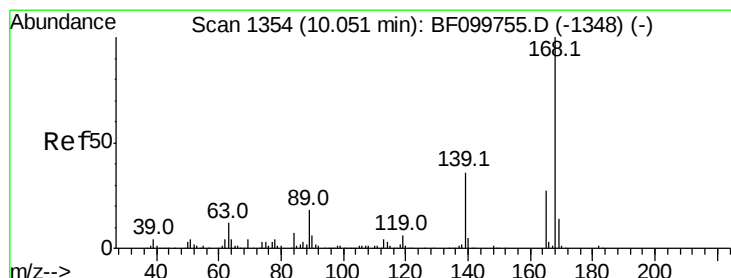
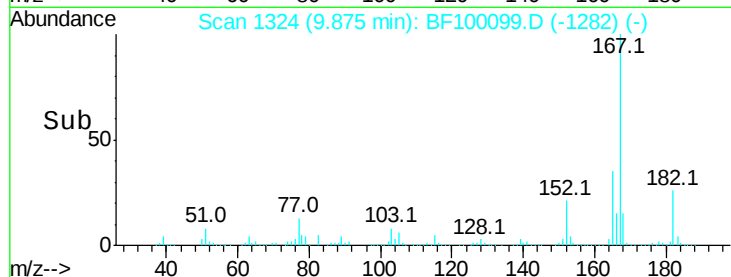
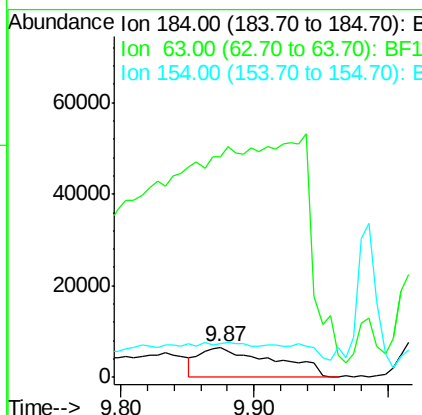
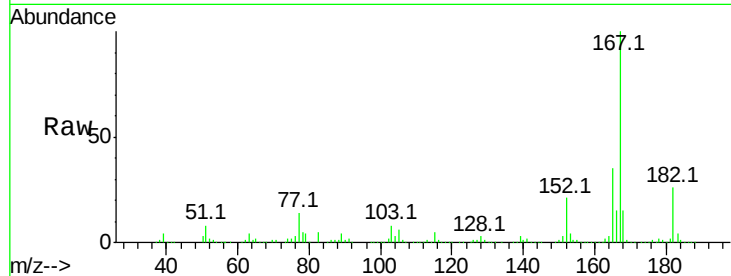




#53
 2,4-Dinitrophenol
 Concen: 14.963 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.05 min
 Lab File: BF100099.D
 Acq: 2 Nov 2017 21:44

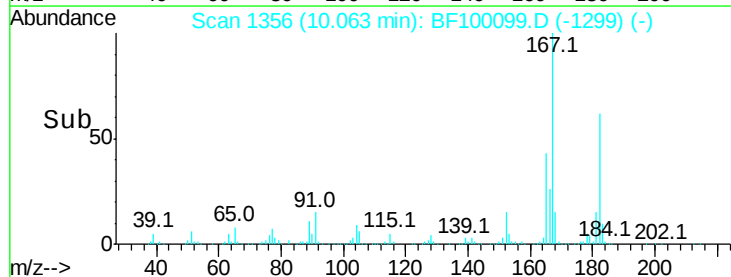
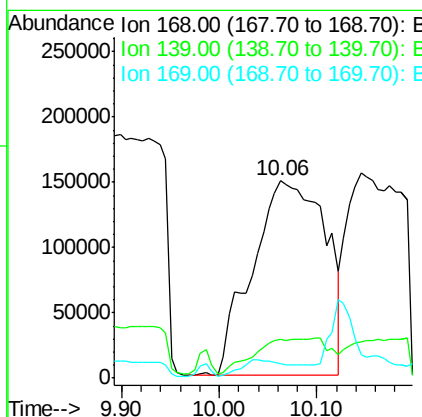
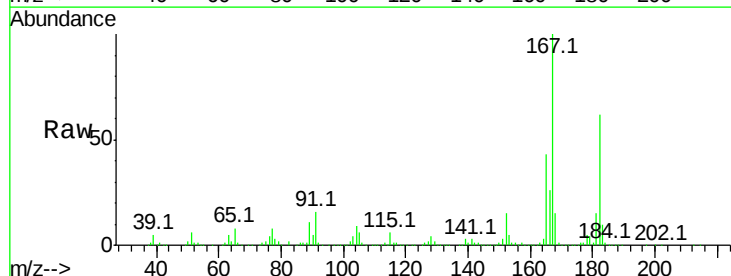
Instrument :
 BNA_F
 ClientSampleId :

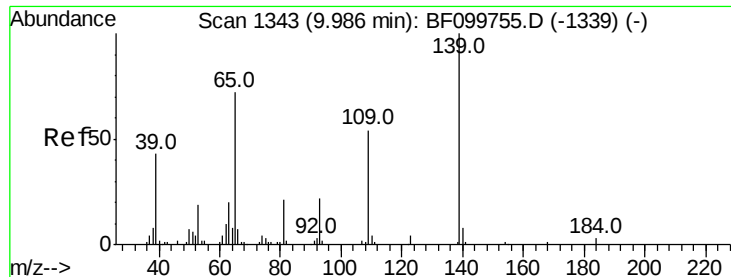
Tot Ion:184 Resp: 25632
 Ion Ratio Lower Upper
 184 100
 63 731.5 54.2 81.2#
 154 111.7 53.5 80.3#



#54
 Dibenzofuran
 Concen: 22.733 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.04 min
 Lab File: BF100099.D
 Acq: 2 Nov 2017 21:44

Tgt Ion:168 Resp: 780284
 Ion Ratio Lower Upper
 168 100
 139 19.9 30.1 45.1#
 169 7.1 10.9 16.3#





#55

4-Nitrophenol

Concen: 4.068 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

Instrument :

BNA_F

ClientSampleId :

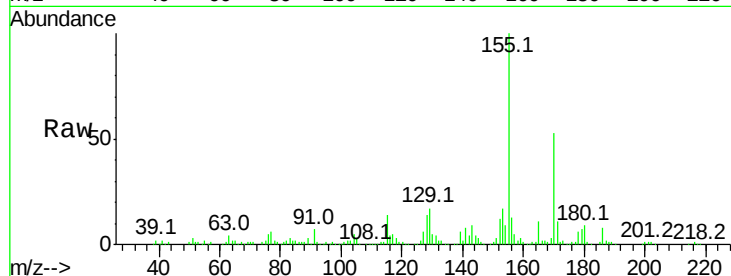
Tot Ion:139 Resp: 16400

Ion Ratio Lower Upper

139 100

109 6.1 48.4 88.4#

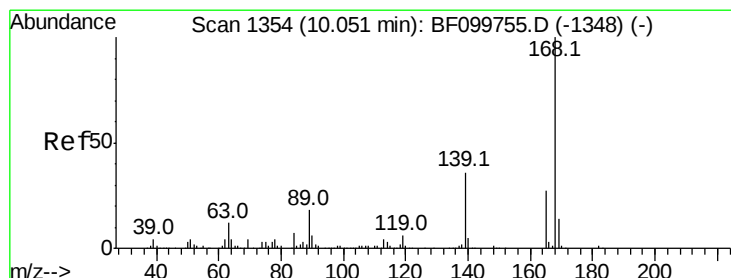
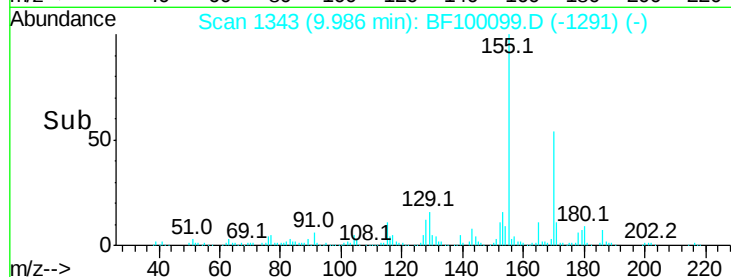
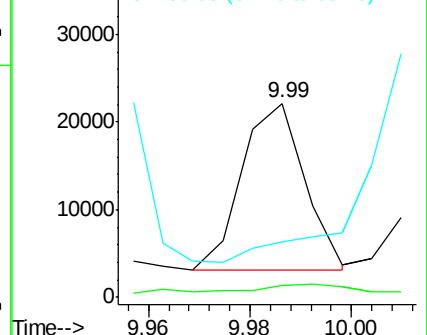
65 28.4 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 285.773 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.04 min

Lab File: BF100099.D

Acq: 2 Nov 2017 21:44

Tgt Ion:165 Resp: 2253322

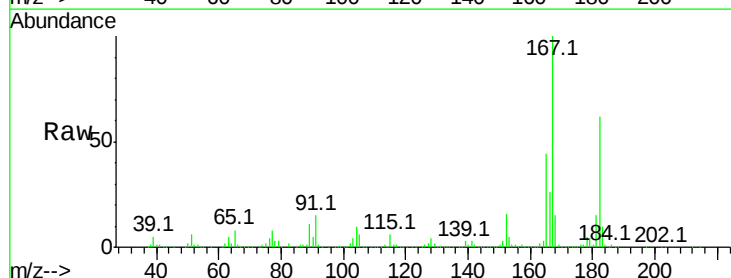
Ion Ratio Lower Upper

165 100

63 12.4 36.4 54.6#

89 25.3 57.8 86.6#

182 140.5 1.6 2.4#

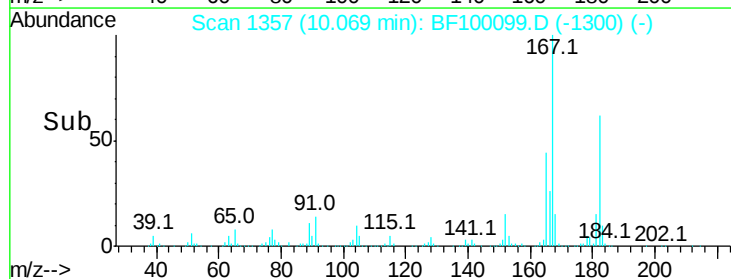
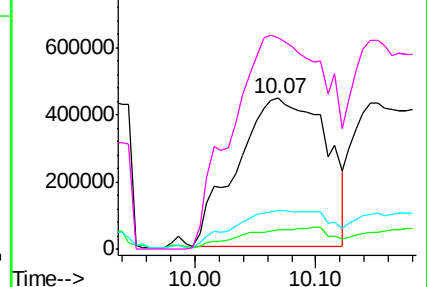


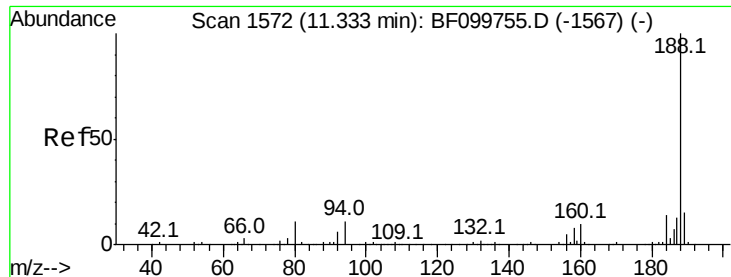
Abundance Ion 165.00 (164.70 to 165.70): E

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

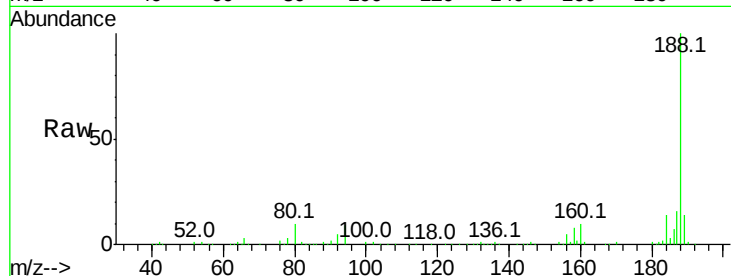




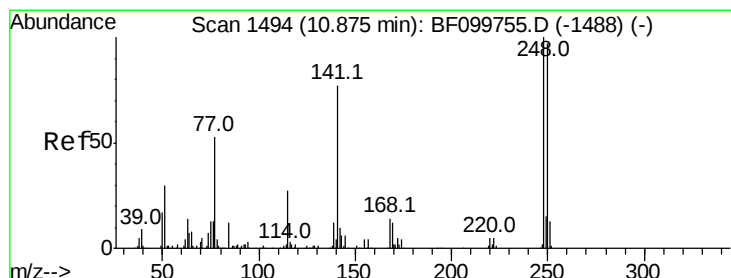
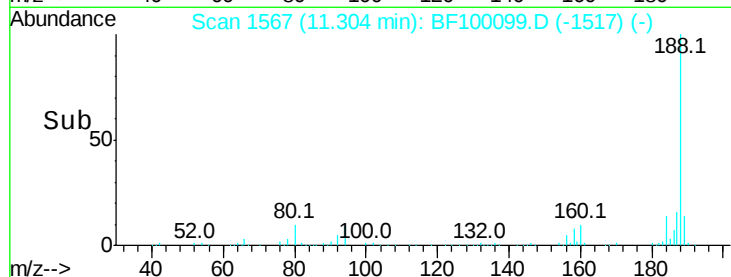
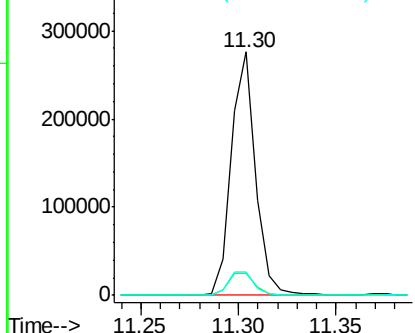
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF100099.D
Acq: 2 Nov 2017 21:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 237851
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.9 9.2 13.8

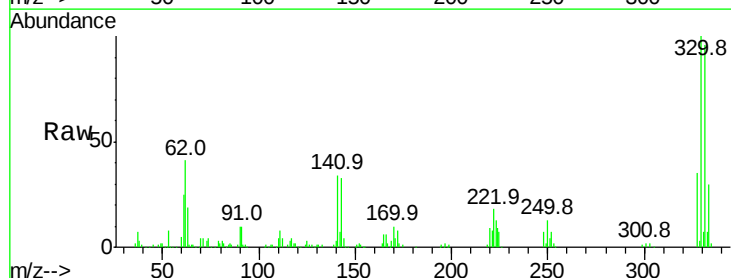


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

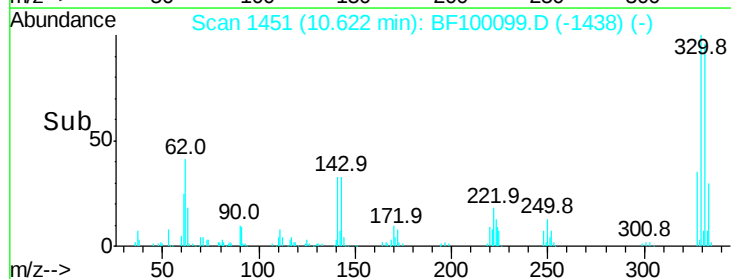
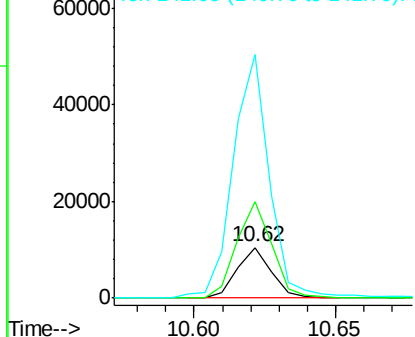


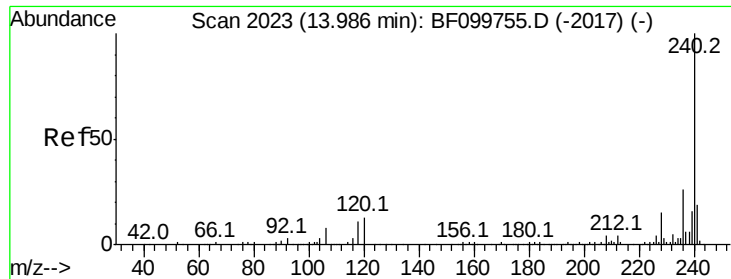
#66
4-Bromophenyl-phenylether
Concen: 3.522 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.22 min
Lab File: BF100099.D
Acq: 2 Nov 2017 21:44

Tgt Ion:248 Resp: 8820
Ion Ratio Lower Upper
248 100
250 189.8 76.9 115.3#
141 478.7 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

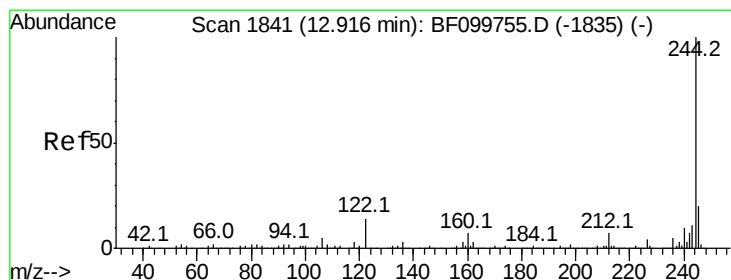
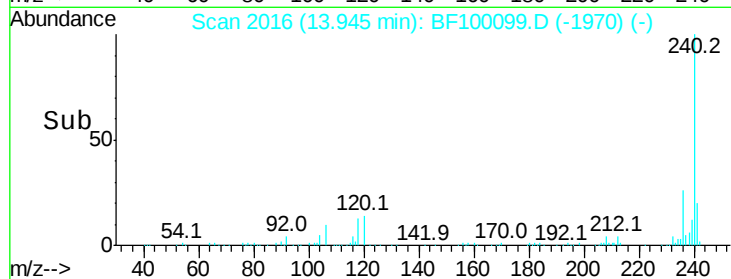
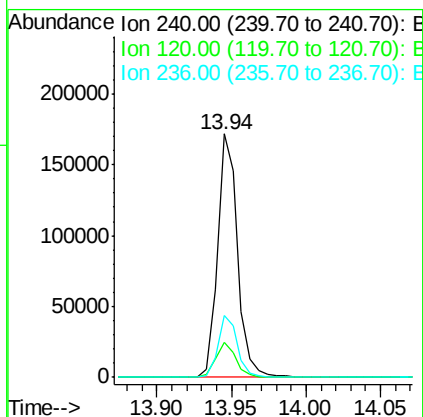
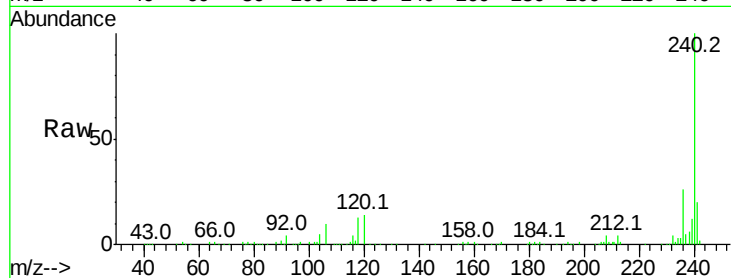




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF100099.D
 Acq: 2 Nov 2017 21:44

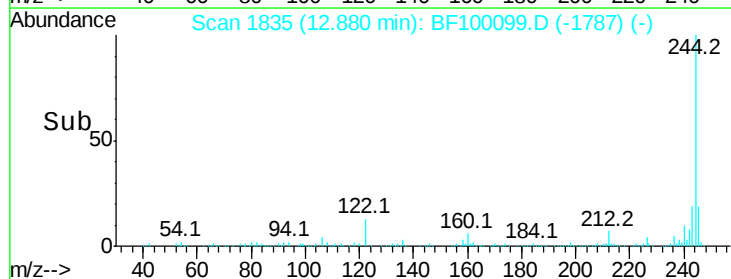
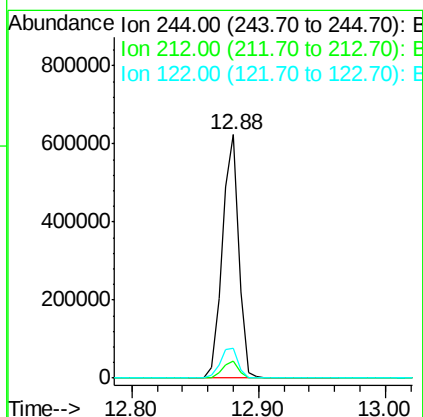
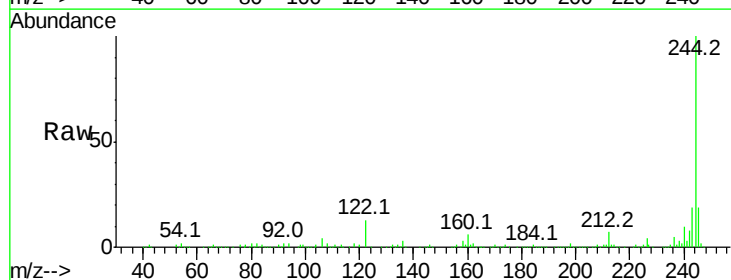
Instrument :
 BNA_F
 ClientSampleId :

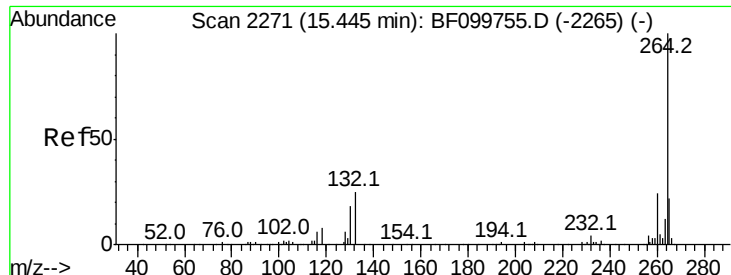
Tot Ion:240 Resp: 160603
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.5 14.3#
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 76.337 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100099.D
 Acq: 2 Nov 2017 21:44

Tgt Ion:244 Resp: 560998
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.5 11.0 16.4

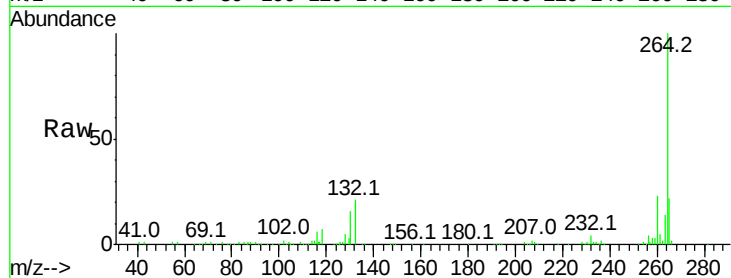




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100099.D
 Acq: 2 Nov 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.2	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

