

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100109.D
 Acq On : 3 Nov 2017 3:12
 Operator : SJ/JU
 Sample : I6274-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 04:19:31 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

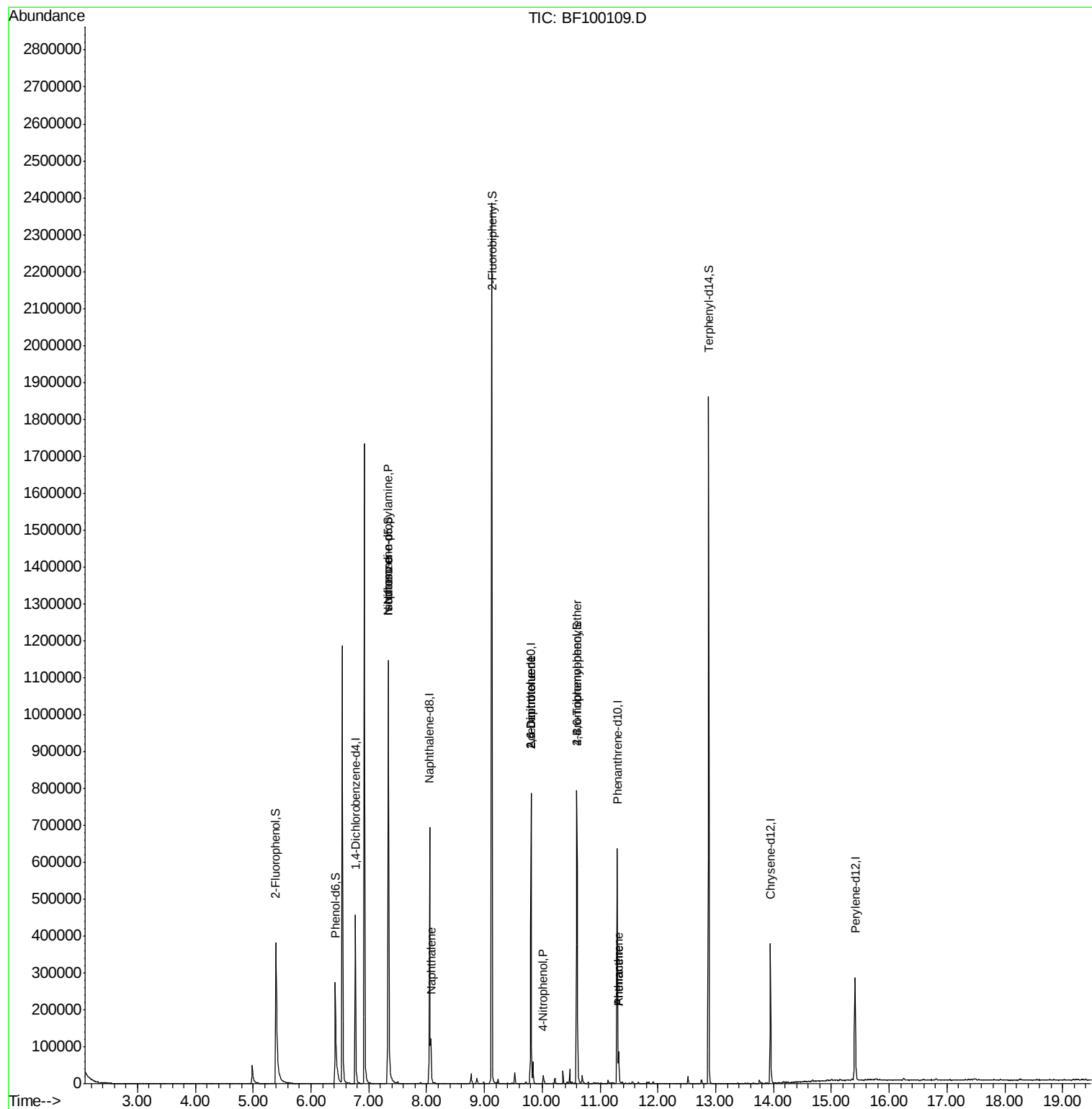
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	80847	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	331318	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	147623	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	239532	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	144638	20.00	ng	-0.02
86) Perylene-d12	15.41	264	131911	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	213748	41.51	ng	0.00
7) Phenol-d6	6.42	99	178932	29.30	ng	-0.01
23) Nitrobenzene-d5	7.34	82	425930	82.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	102228	75.99	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	836243	87.40	ng	0.00
78) Terphenyl-d14	12.88	244	622811	94.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	52816	14.760	ng	# 71
25) Isophorone	7.34	82	425930	45.611	ng	# 64
31) Naphthalene	8.07	128	61632	3.854	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	18789	7.645	ng	# 25
55) 4-Nitrophenol	10.02	139	4425	2.925	ng	# 9
56) 2,4-Dinitrotoluene	9.80	165	18789	6.348	ng	# 23
66) 4-Bromophenyl-phenylether	10.60	248	6364	2.524	ng	# 1
70) Phenanthrene	11.32	178	35880	2.654	ng	# 98
71) Anthracene	11.32	178	35880	2.615	ng	# 99

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110217\
Data File : BF100109.D
Acq On : 3 Nov 2017 3:12
Operator : SJ/JU
Sample : I6274-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 03 04:19:31 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



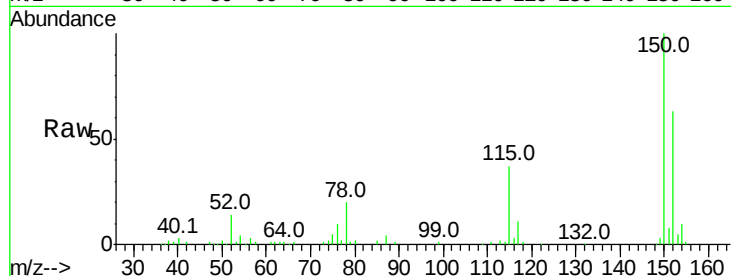


#1

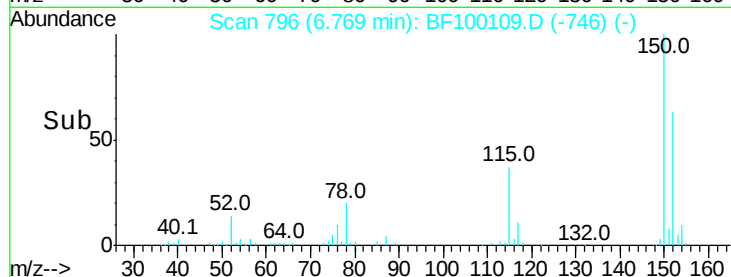
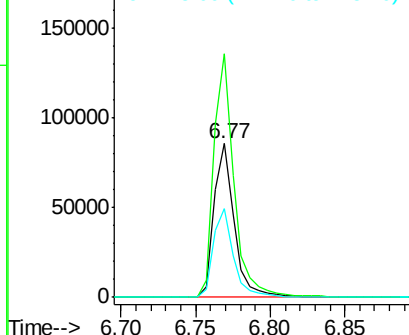
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80847
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 58.0 50.1 75.1



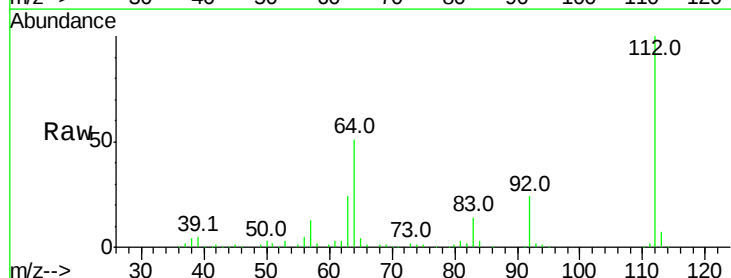
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



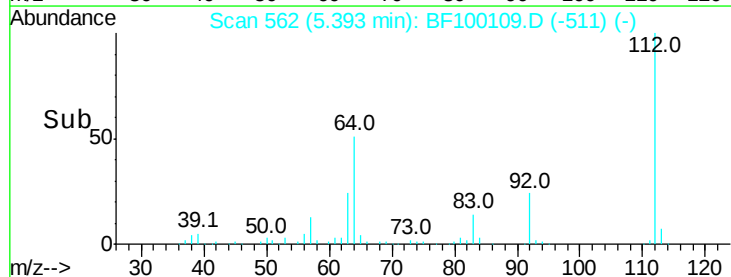
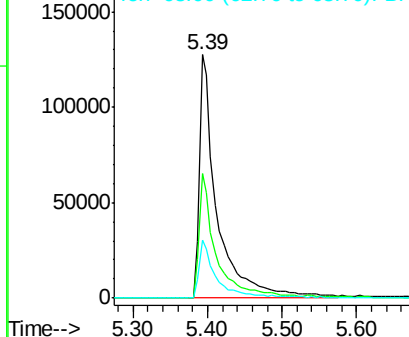
#5

2-Fluorophenol
Concen: 41.508 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Tgt Ion:112 Resp: 213748
Ion Ratio Lower Upper
112 100
64 51.0 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: 29.304 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

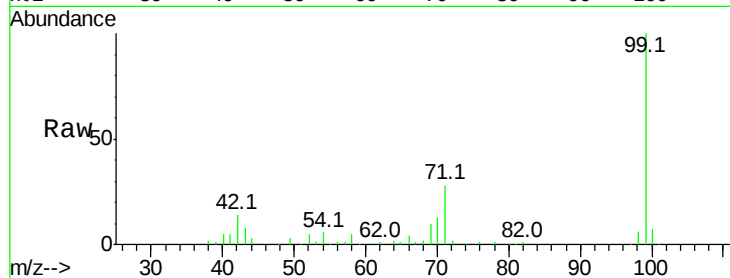
Instrument :

BNA_F

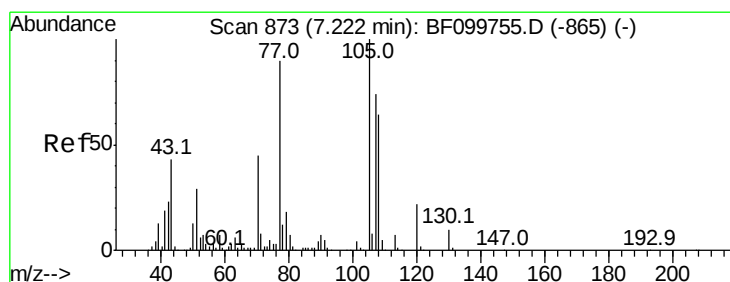
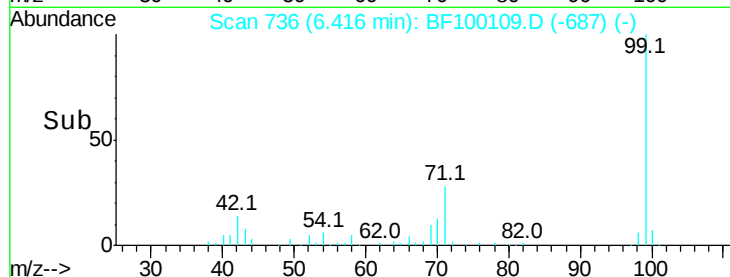
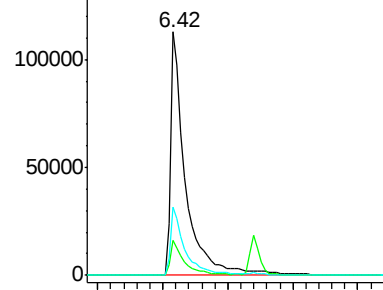
ClientSampled :

Tot Ion: 99 Resp: 178932

Ion	Ratio	Lower	Upper
99	100		
42	14.4	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: 14.760 ng

RT: 7.34 min Scan# 893

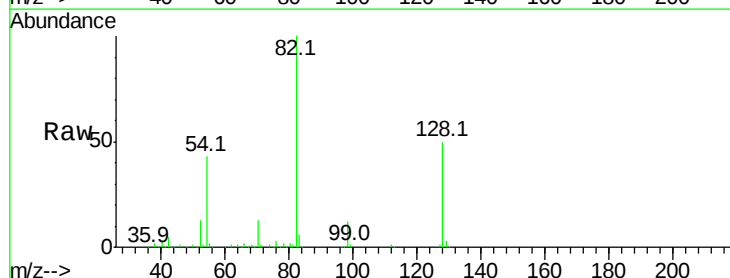
Delta R.T. 0.15 min

Lab File: BF100109.D

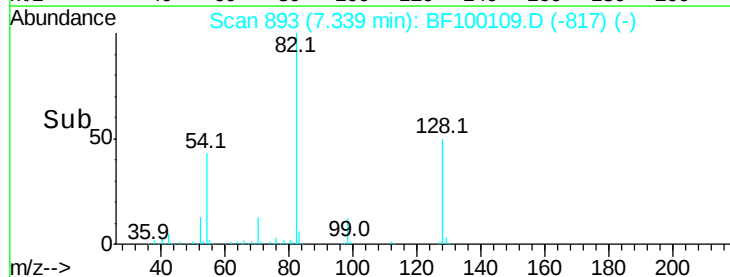
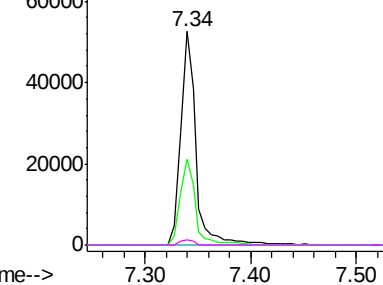
Acq: 3 Nov 2017 3:12

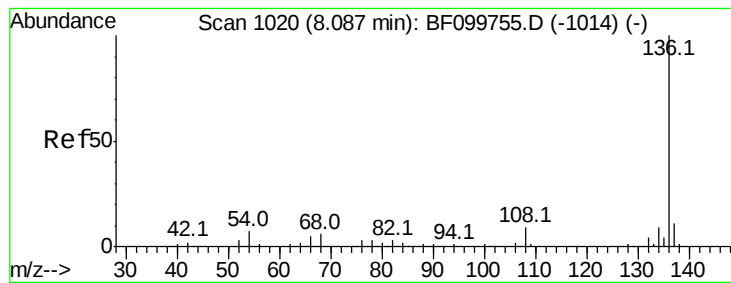
Tgt Ion: 70 Resp: 52816

Ion	Ratio	Lower	Upper
70	100		
42	40.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	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: BF100109.D

Acq: 3 Nov 2017 3:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 331318

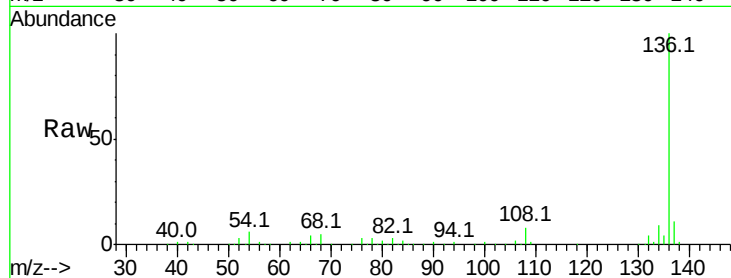
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.3 6.6 9.8#

68 5.4 5.0 7.4

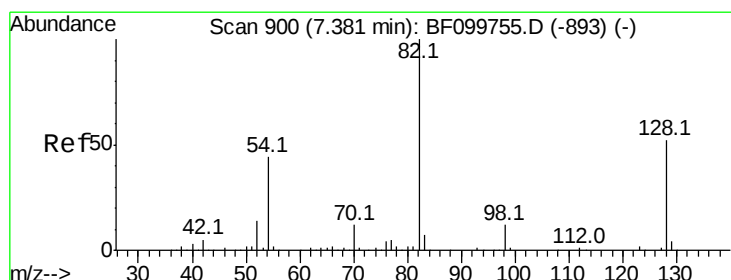
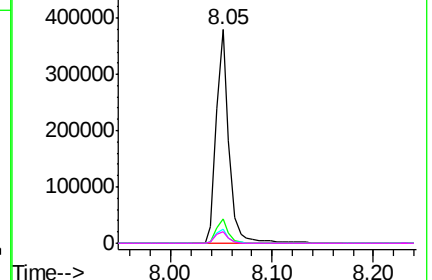
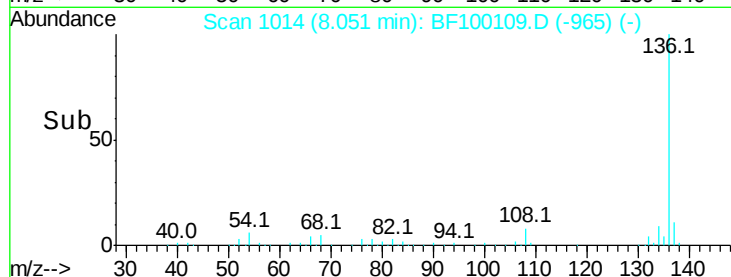


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.765 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

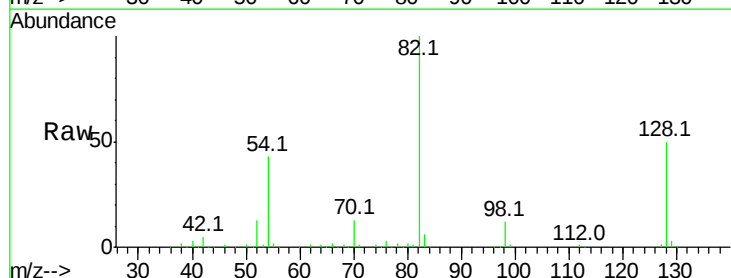
Tgt Ion: 82 Resp: 425930

Ion Ratio Lower Upper

82 100

128 50.0 36.1 54.1

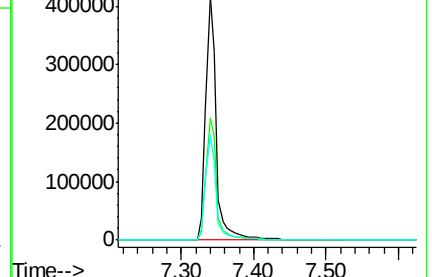
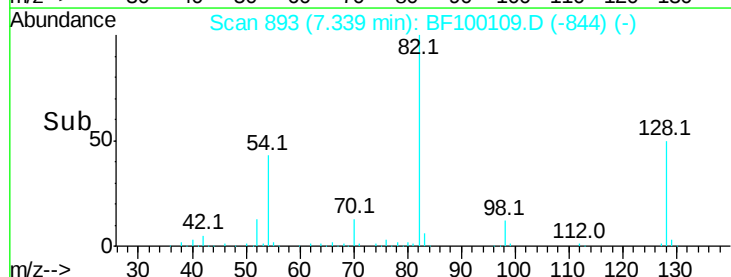
54 43.4 41.4 62.2

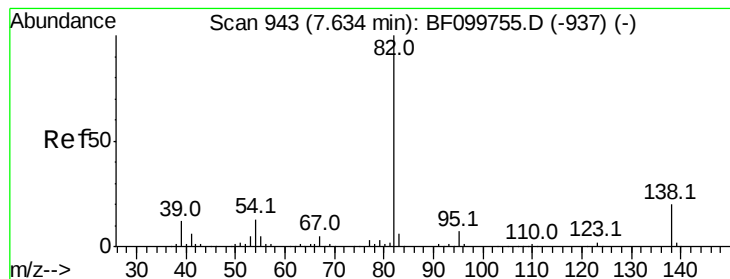


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.611 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

Instrument :

BNA_F

ClientSampleId :

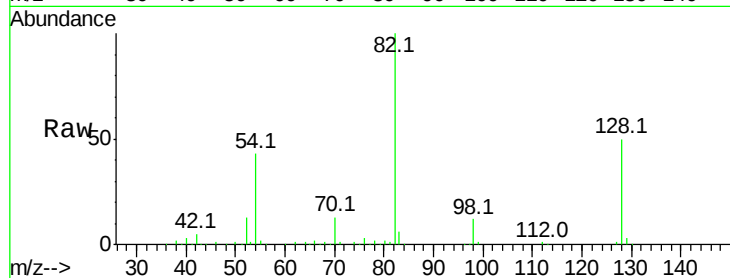
Tot Ion: 82 Resp: 425930

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

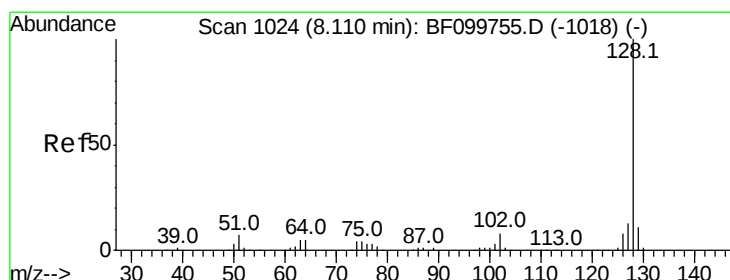
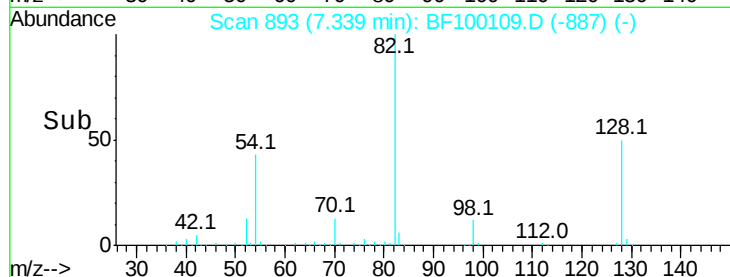
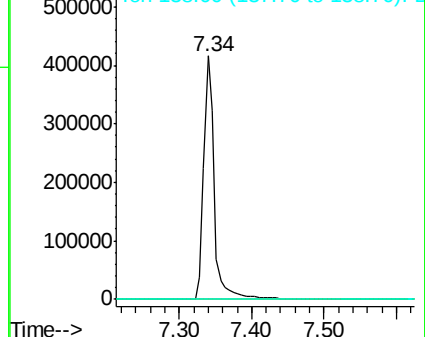
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 3.854 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

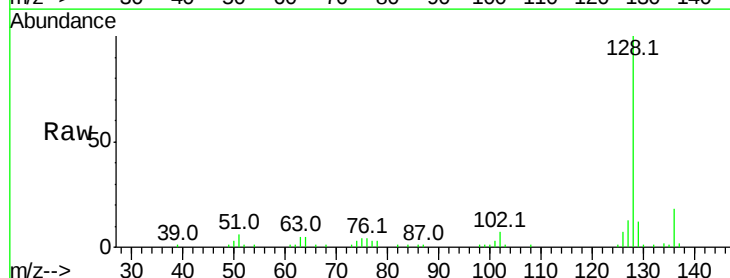
Tgt Ion: 128 Resp: 61632

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

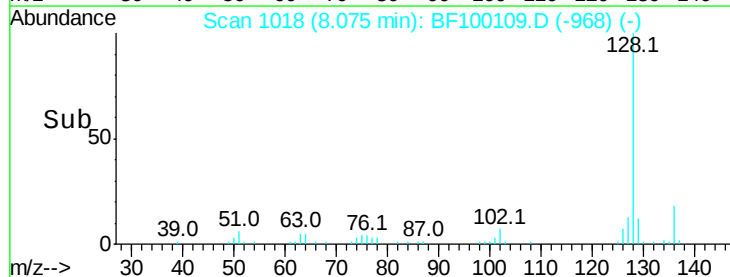
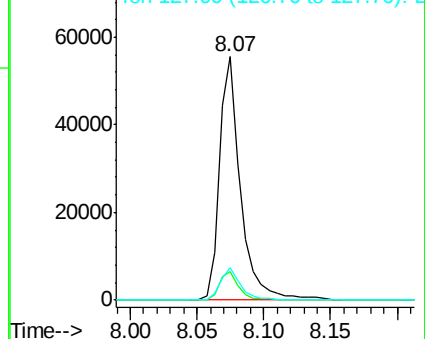
127 13.1 10.9 16.3

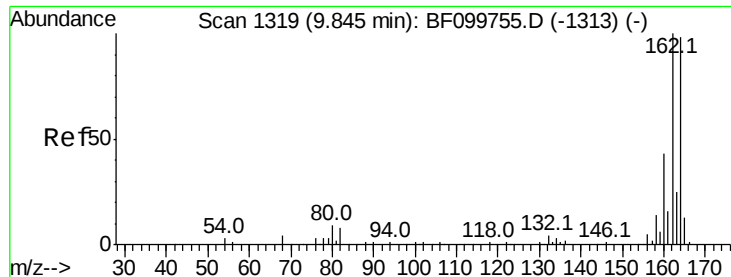


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

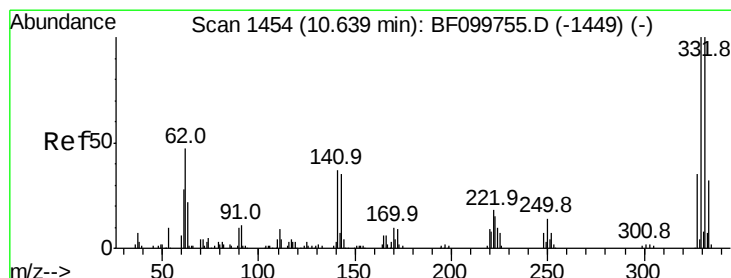
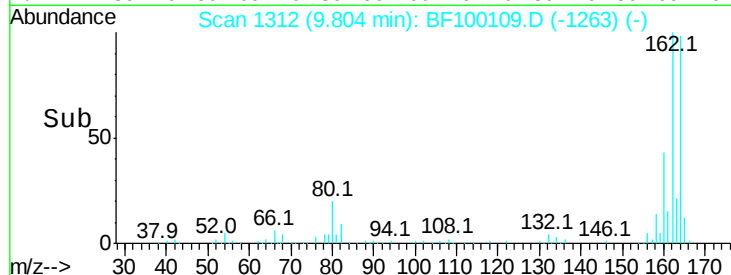
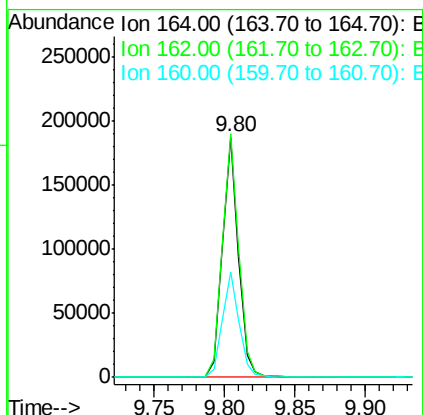
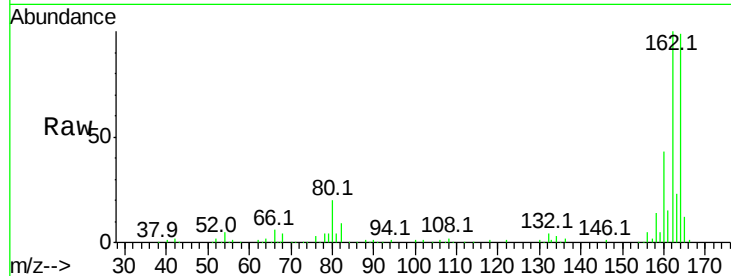




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

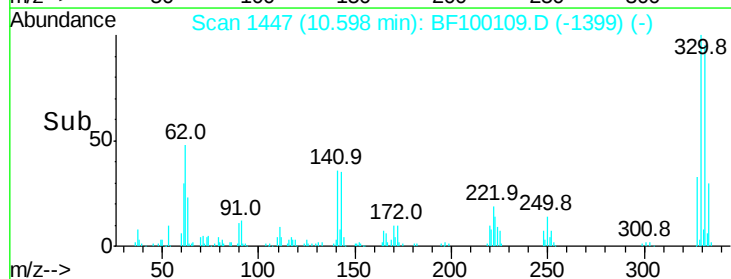
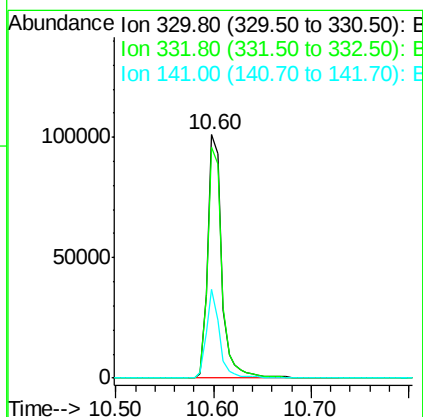
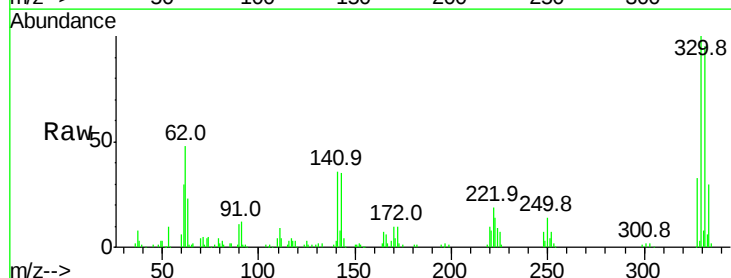
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 147623
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 44.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 75.988 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Tgt Ion:330 Resp: 102228
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 33.1 29.9 44.9

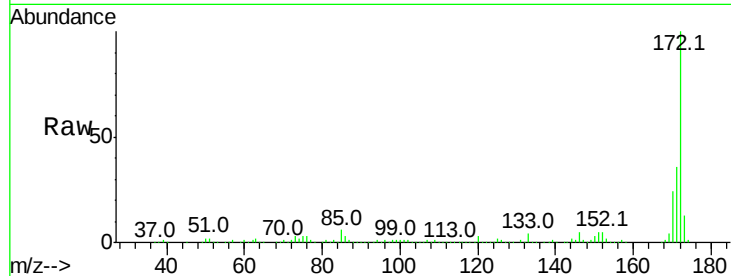




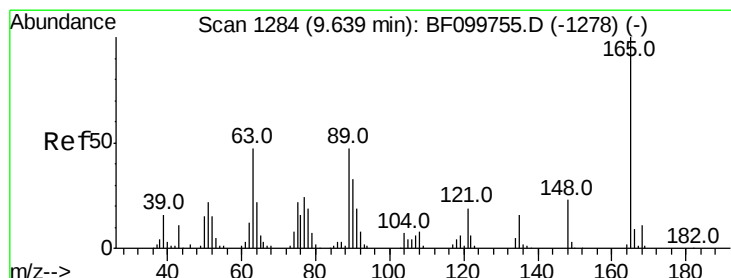
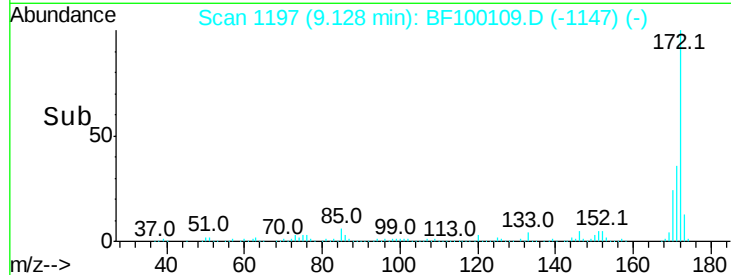
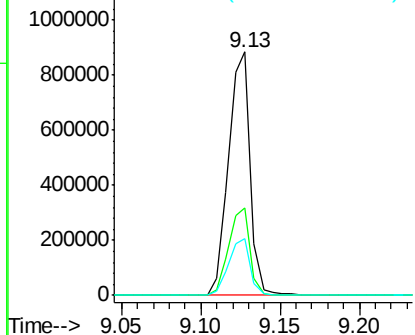
#44
 2-Fluorobiphenyl
 Concen: 87.398 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100109.D
 Acq: 3 Nov 2017 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 836243
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.5 19.6 29.4

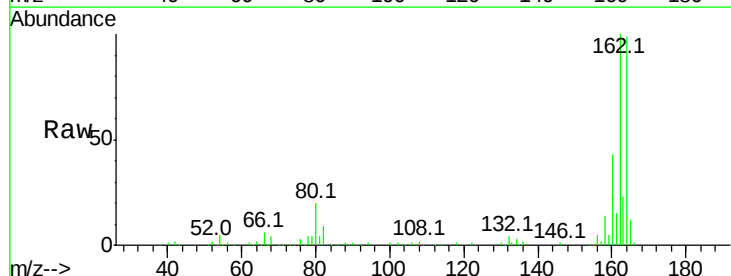


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

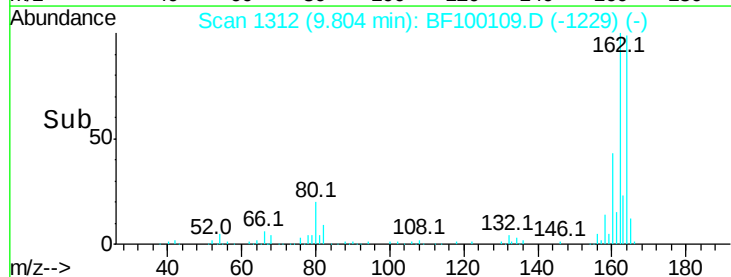
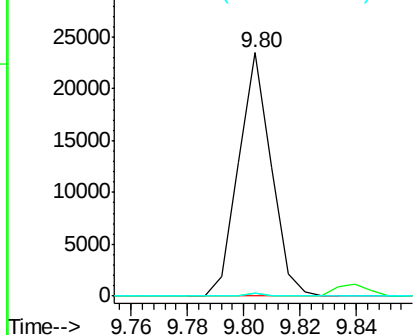


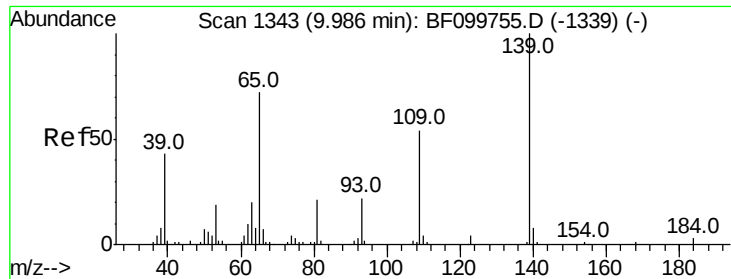
#50
 2,6-Dinitrotoluene
 Concen: 7.645 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100109.D
 Acq: 3 Nov 2017 3:12

Tgt Ion:165 Resp: 18789
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.4 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





#55

4-Nitrophenol

Concen: 2.925 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.04 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

Instrument :

BNA_F

ClientSampleId :

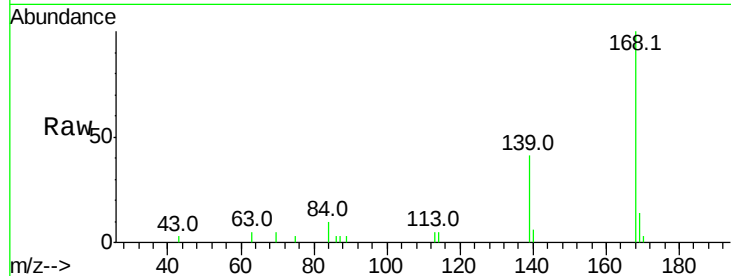
Tot Ion:139 Resp: 4425

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

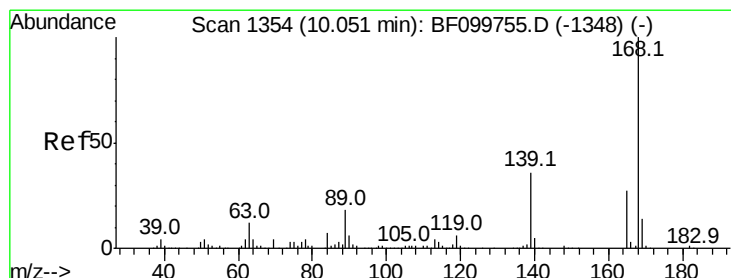
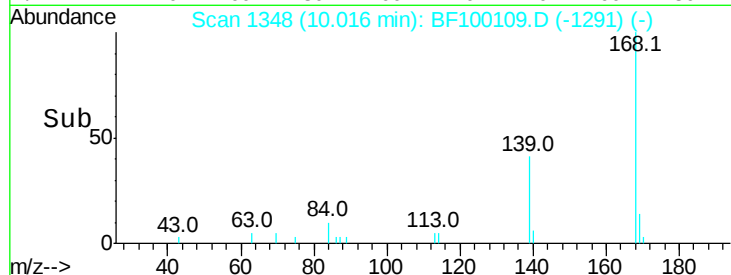
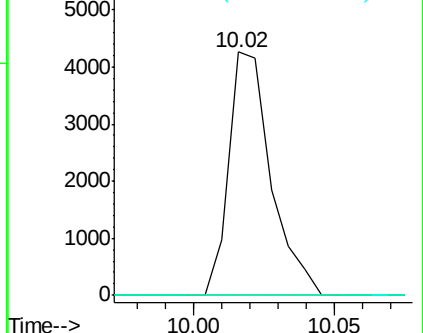
65 0.0 72.6 112.6#



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: 6.348 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.23 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

Tgt Ion:165 Resp: 18789

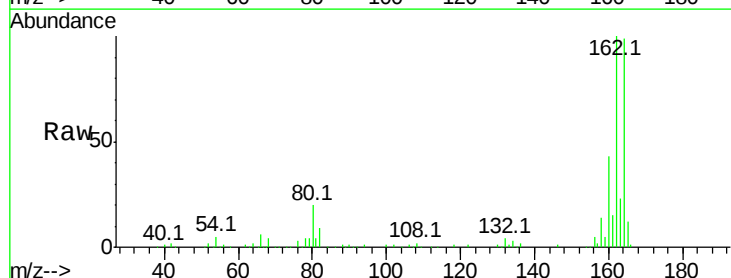
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

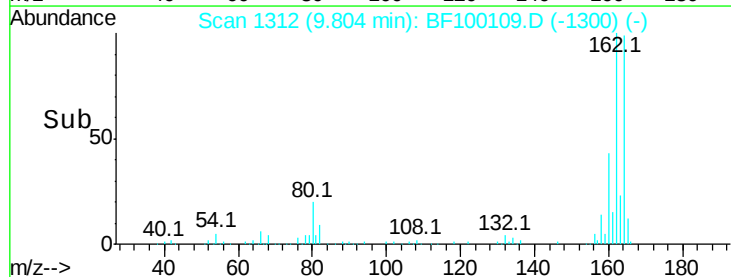
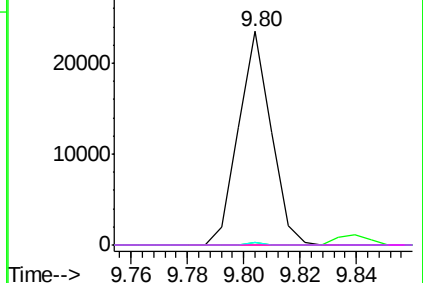


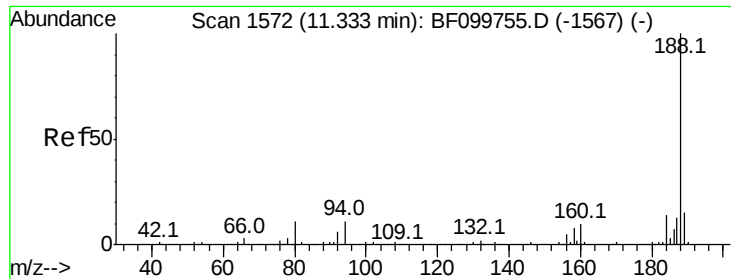
Abundance Ion 165.00 (164.70 to 165.70): E

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

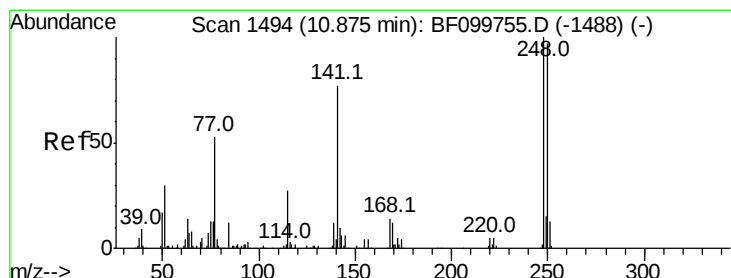
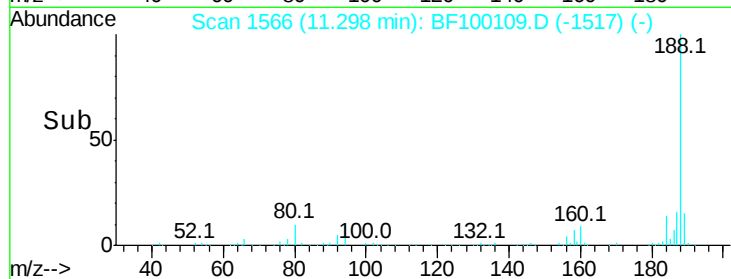
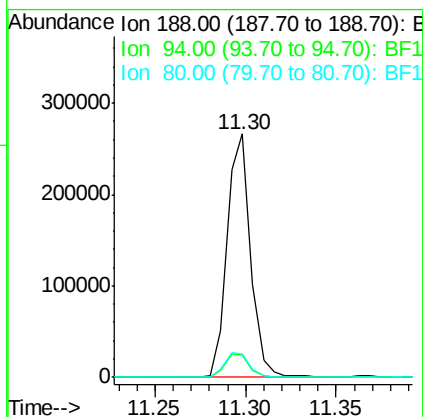
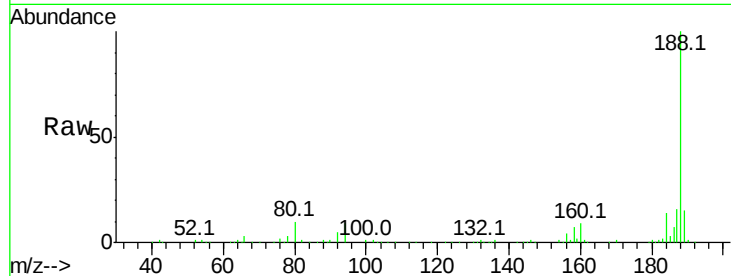




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

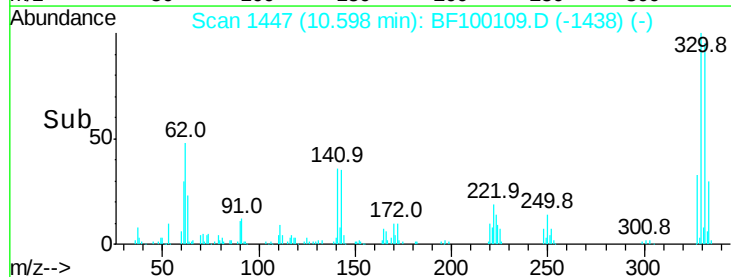
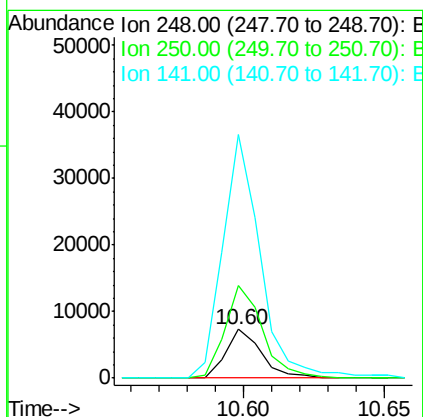
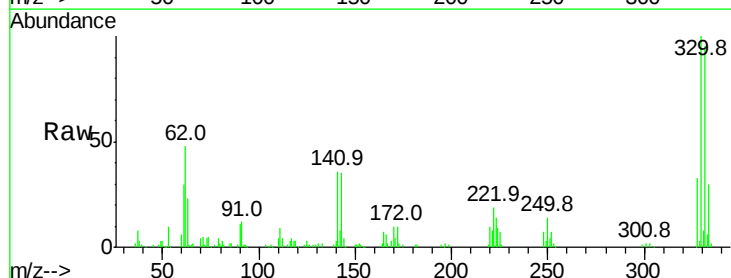
Instrument :
BNA_F
ClientSampleId :

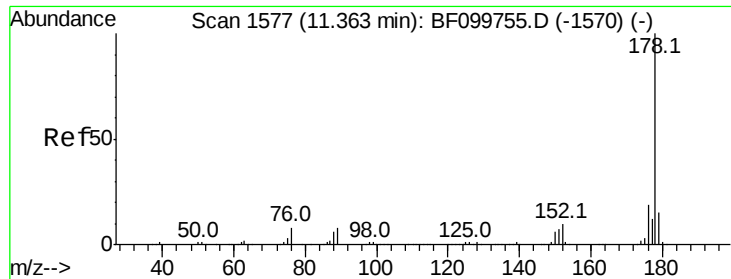
Tot Ion:188 Resp: 239532
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.524 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Tgt Ion:248 Resp: 6364
Ion Ratio Lower Upper
248 100
250 188.8 76.9 115.3#
141 499.7 74.4 111.6#

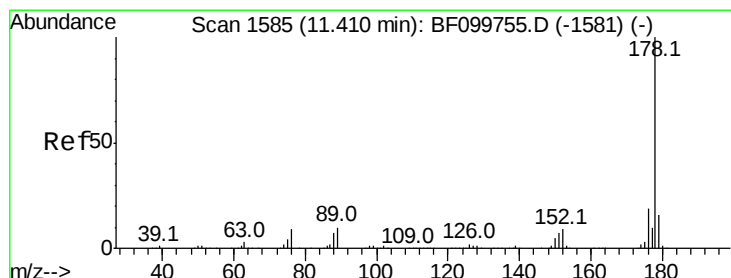
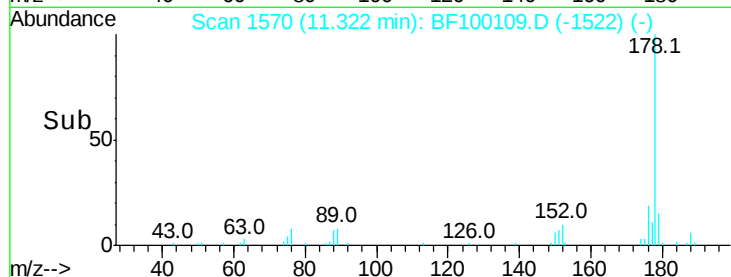
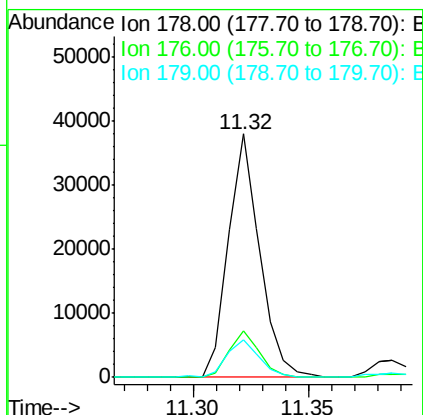
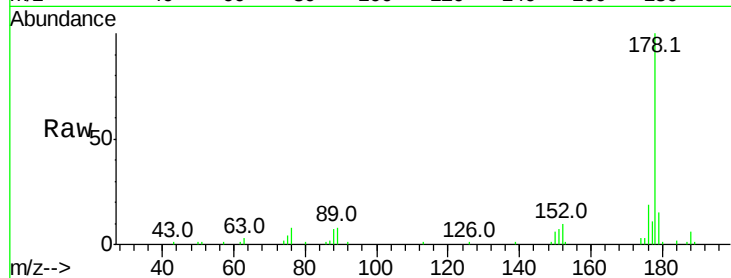




#70
Phenanthrene
Concen: 2.654 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

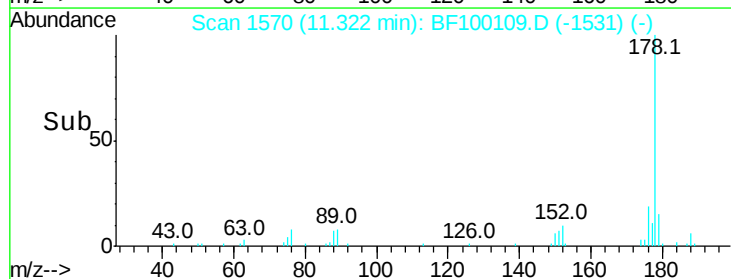
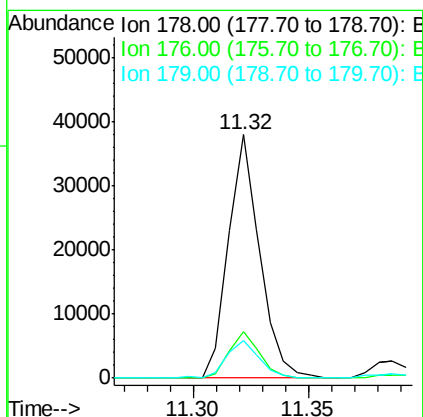
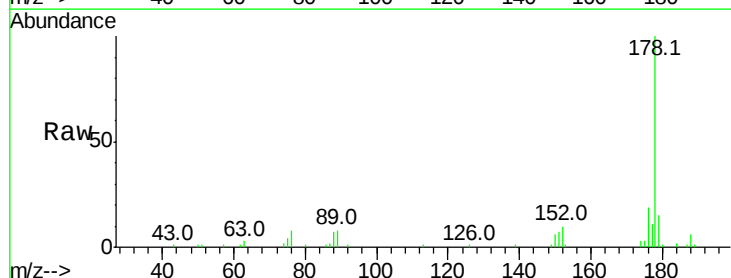
Instrument :
BNA_F
ClientSampleId :

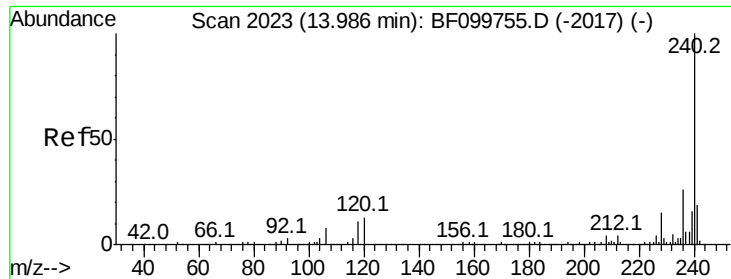
Tot Ion:178 Resp: 35880
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 2.615 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.07 min
Lab File: BF100109.D
Acq: 3 Nov 2017 3:12

Tgt Ion:178 Resp: 35880
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.6 19.0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

Instrument :

BNA_F

ClientSampleId :

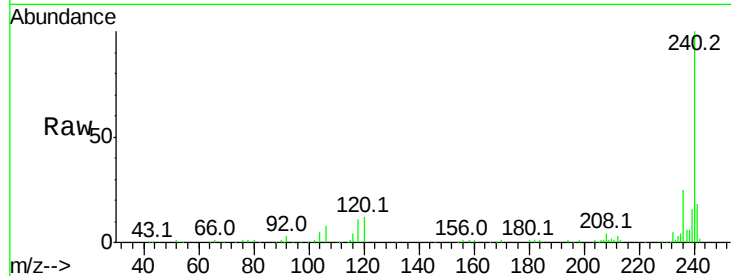
Tot Ion:240 Resp: 144638

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

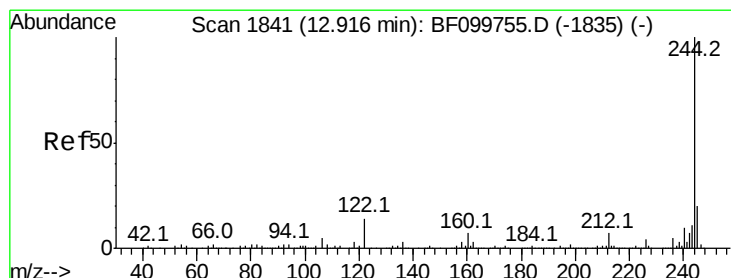
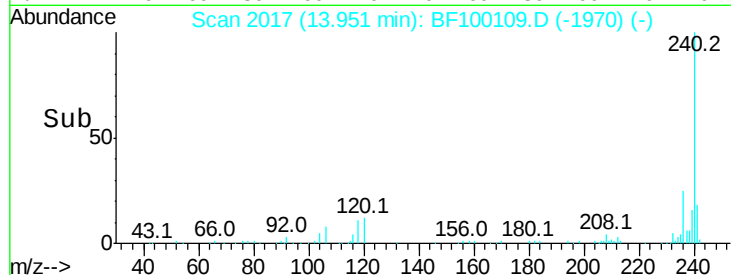
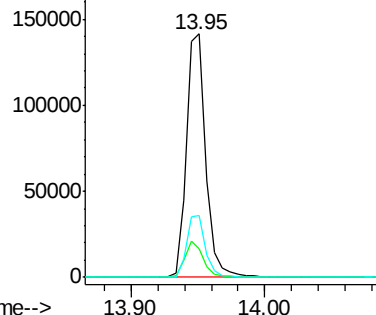
236 25.5 20.7 31.1



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: 94.102 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100109.D

Acq: 3 Nov 2017 3:12

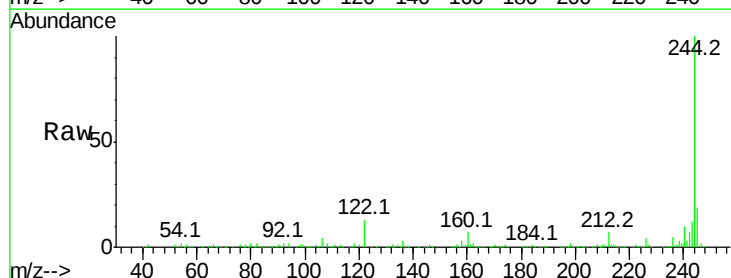
Tgt Ion:244 Resp: 622811

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

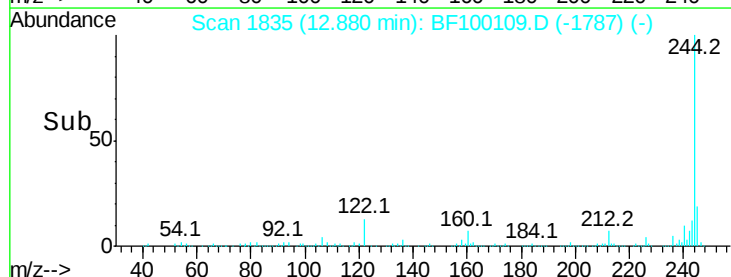
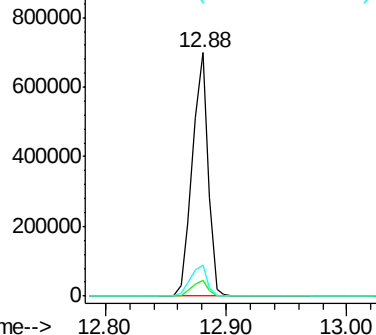
122 12.6 11.0 16.4

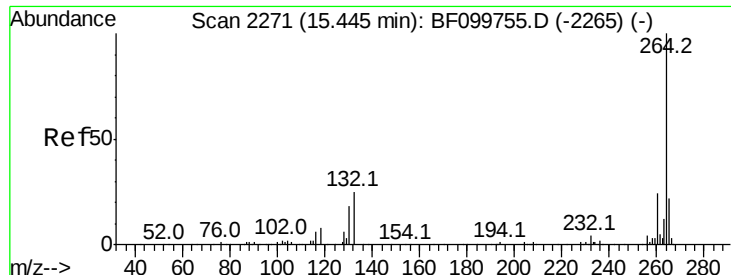


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

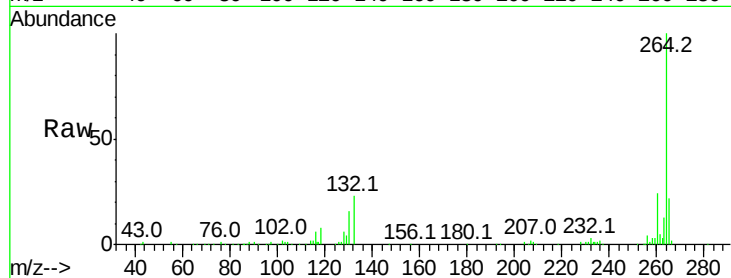




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100109.D
 Acq: 3 Nov 2017 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	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

