

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100075.D
 Acq On : 2 Nov 2017 5:41
 Operator : SJ/JU
 Sample : I6226-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 07:22:09 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	6.78	152	83485	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	342639	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	153178	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	248406	20.00	ng	0.00
75) Chrysene-d12	14.22	240	156121	20.00	ng	0.24
86) Perylene-d12	15.99	264	128052	20.00	ng	0.53

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	780533	146.78	ng	0.03
7) Phenol-d6	6.43	99	863885	137.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	580657	109.10	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	224704	160.97	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1236131	124.51	ng	0.00
78) Terphenyl-d14	12.97	244	868317	121.55	ng	0.08

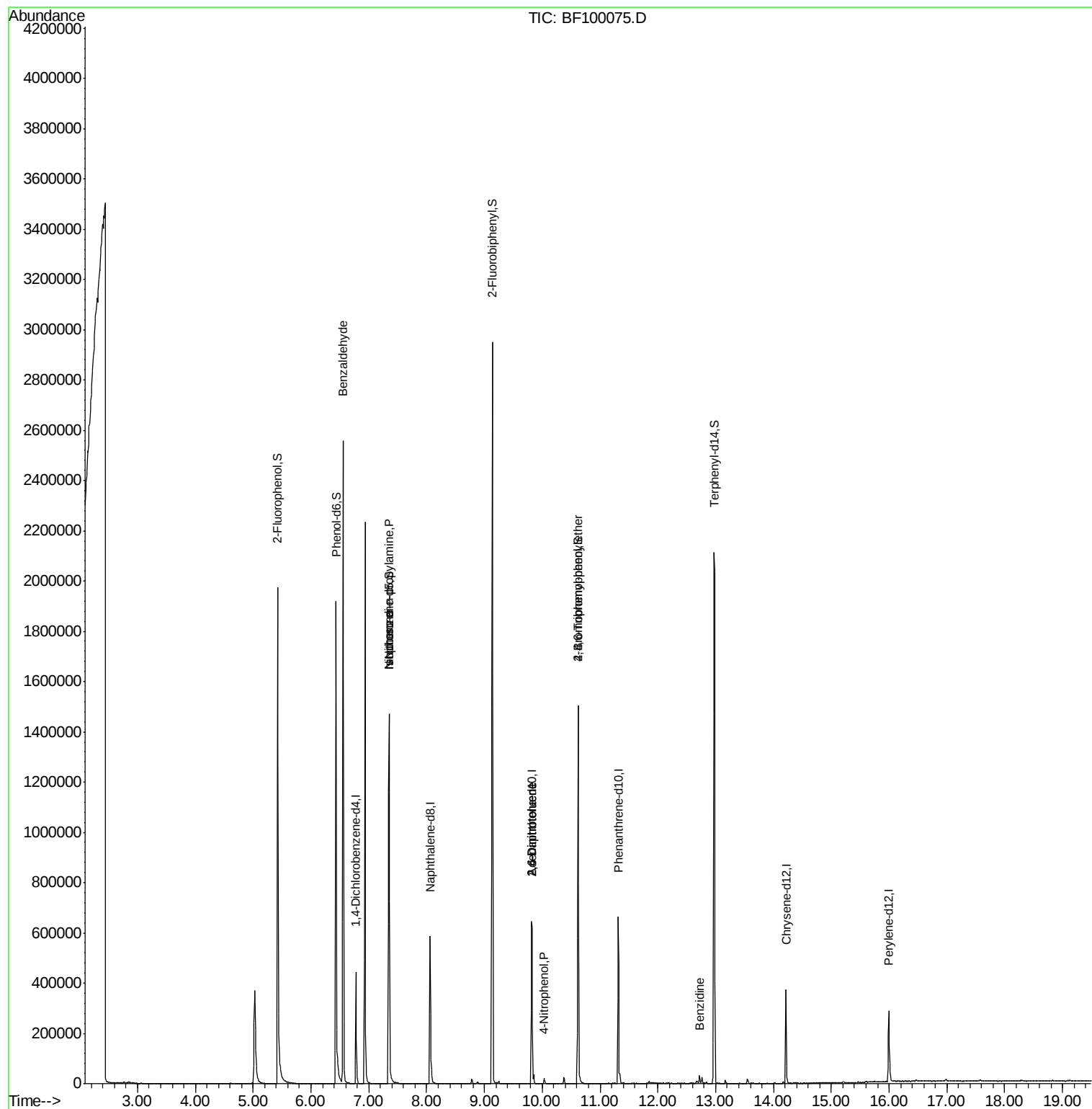
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.56	77	14123	3.748	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	70652	19.121	ng	# 71
25) Isophorone	7.35	82	580649	60.125	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	18947	7.430	ng	# 24
55) 4-Nitrophenol	10.03	139	3856	2.456	ng	# 9
56) 2,4-Dinitrotoluene	9.82	165	18947	6.170	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	14590	5.579	ng	# 1
76) Benzydine	12.72	184	19377	2.836	ng	97

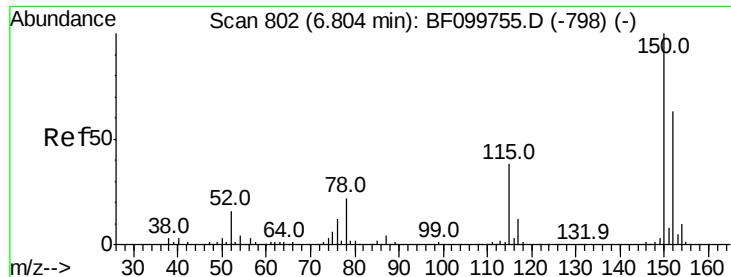
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100075.D
Acq On : 2 Nov 2017 5:41
Operator : SJ/JU
Sample : I6226-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 02 07:22:09 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



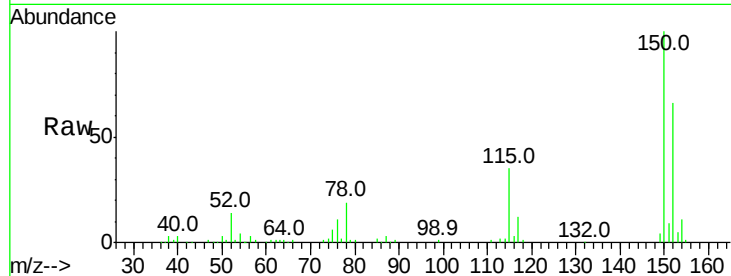


#1

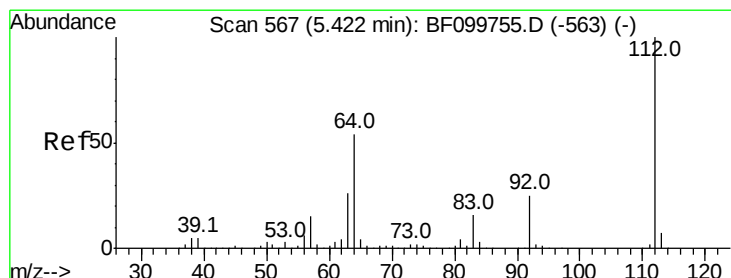
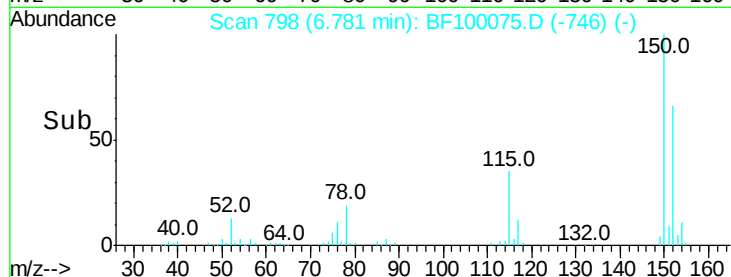
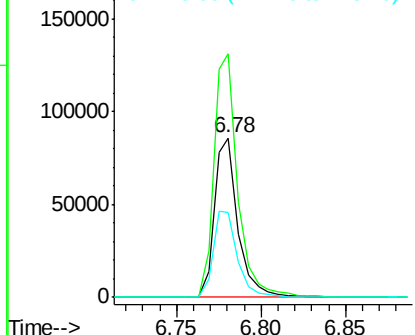
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83485
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 53.2 50.1 75.1



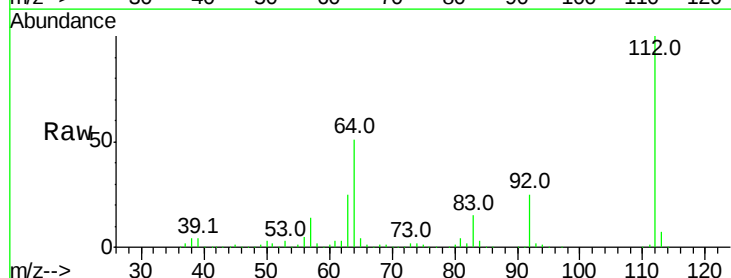
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



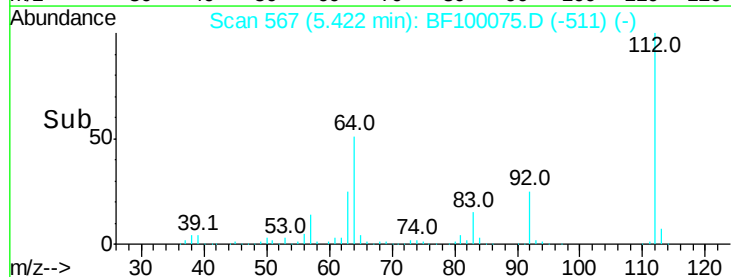
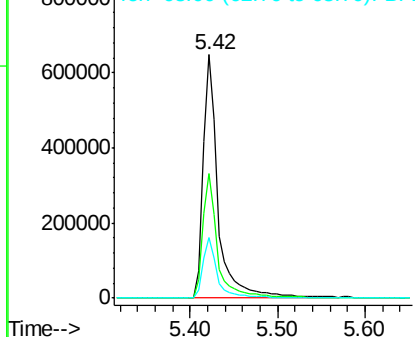
#5

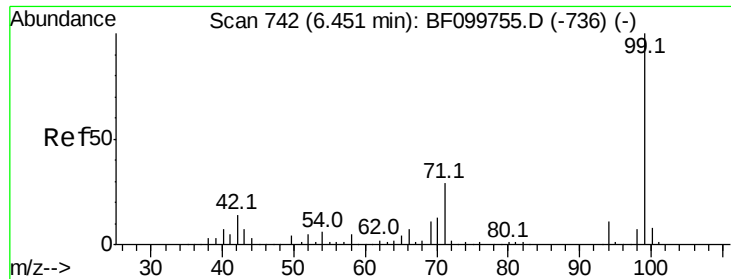
2-Fluorophenol
Concen: 146.782 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.03 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Tgt Ion:112 Resp: 780533
Ion Ratio Lower Upper
112 100
64 51.1 47.9 71.9
63 24.6 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: 137.011 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

Instrument :

BNA_F

ClientSampled :

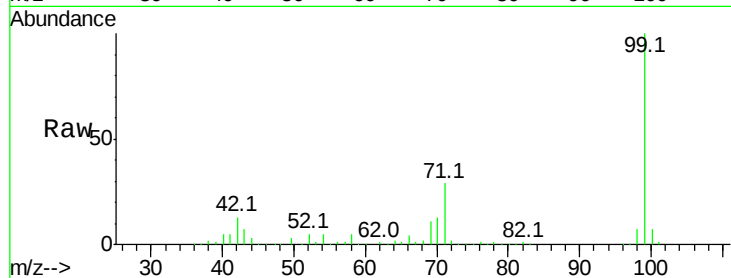
Tot Ion: 99 Resp: 863885

Ion Ratio Lower Upper

99 100

42 12.8 14.5 21.7#

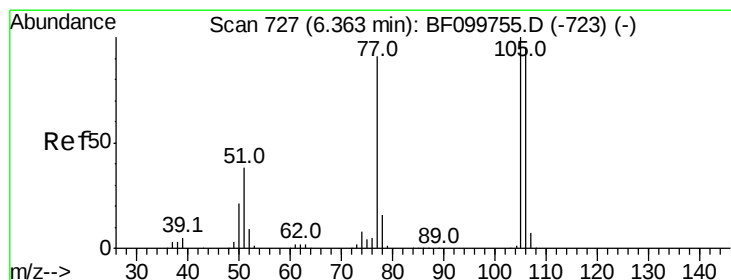
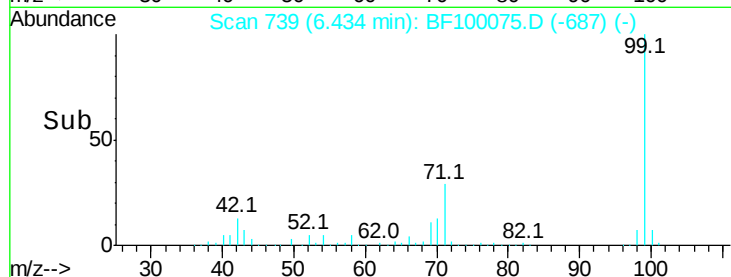
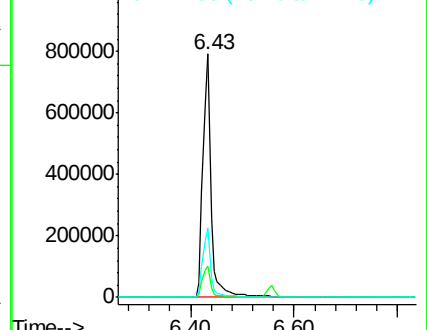
71 28.5 25.4 38.0



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: 3.748 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.22 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

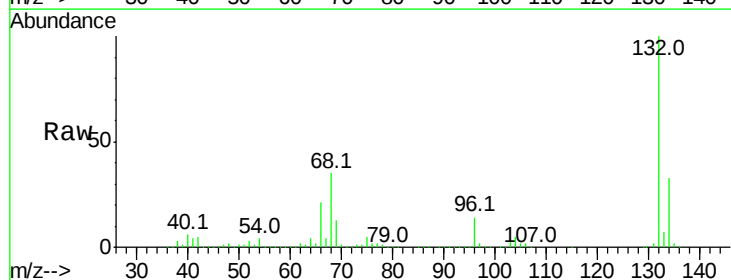
Tgt Ion: 77 Resp: 14123

Ion Ratio Lower Upper

77 100

105 92.0 81.1 121.1

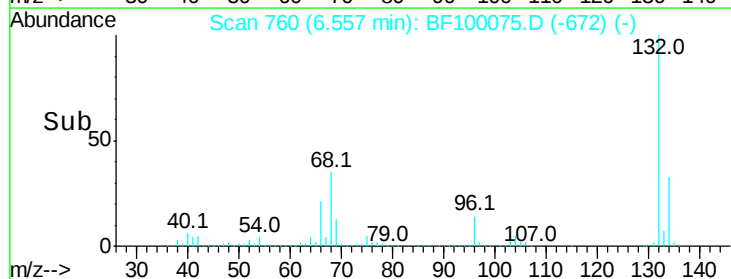
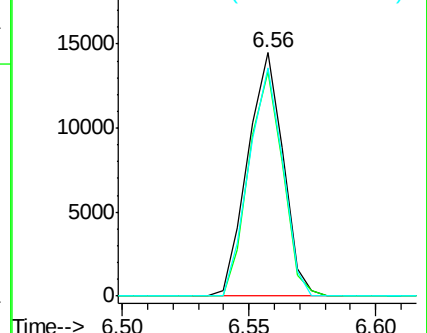
106 93.6 74.5 114.5

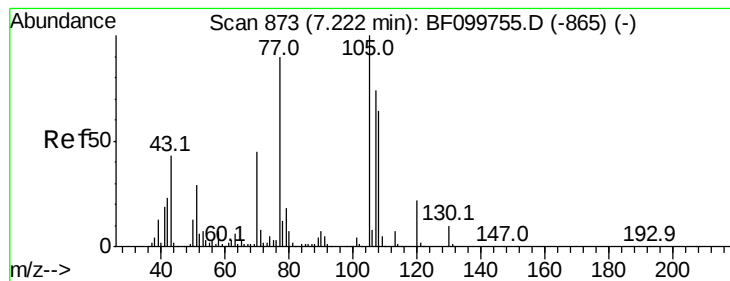


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 19.121 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 70652

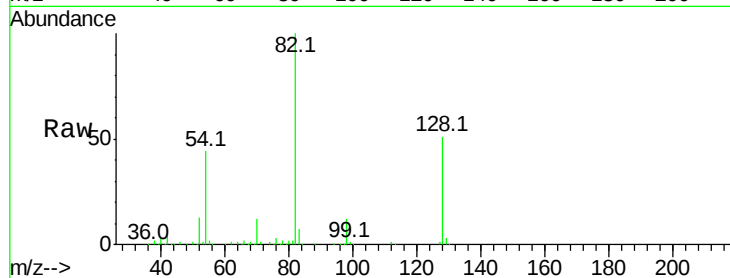
Ion Ratio Lower Upper

70 100

42 39.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#



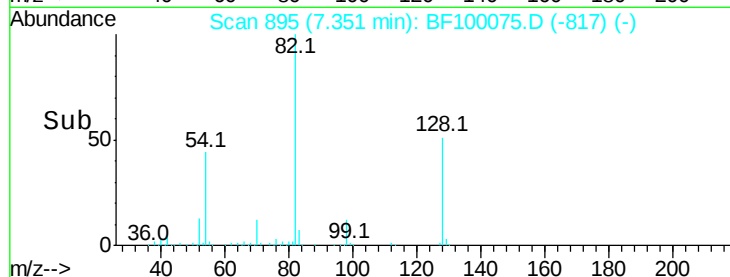
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



Abundance

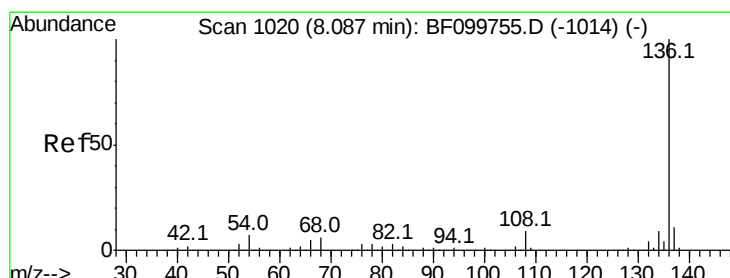
Ion 70.00 (69.70 to 70.70): BF1

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

Tgt Ion:136 Resp: 342639

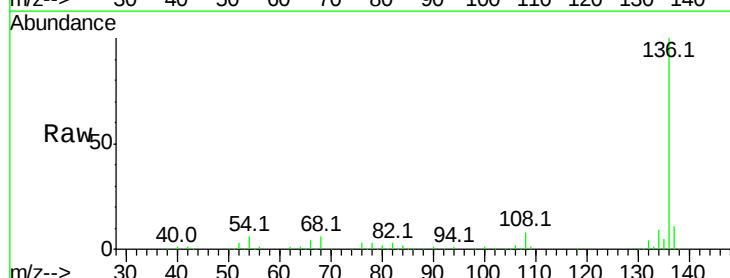
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.1 6.6 9.8#

68 5.5 5.0 7.4



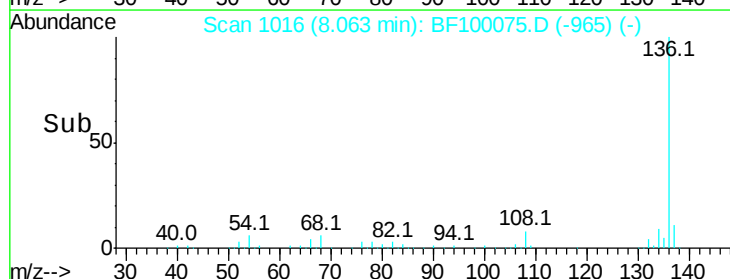
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

Time-->



Abundance

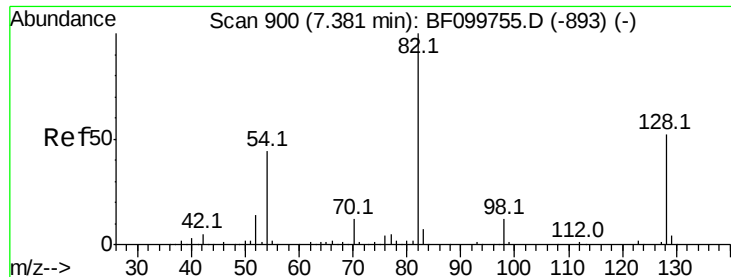
Ion 136.00 (135.70 to 136.70): BF1

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

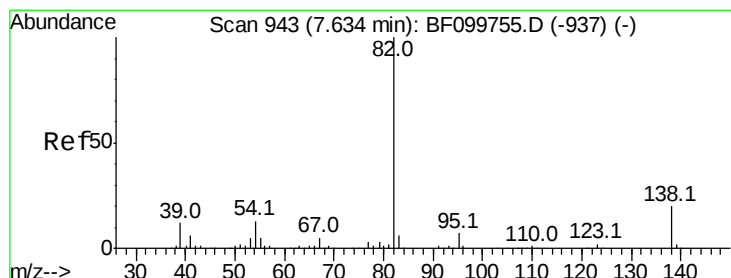
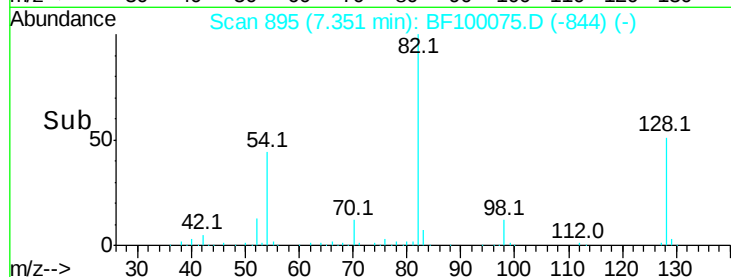
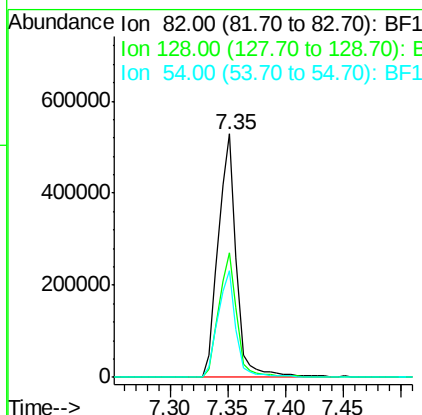
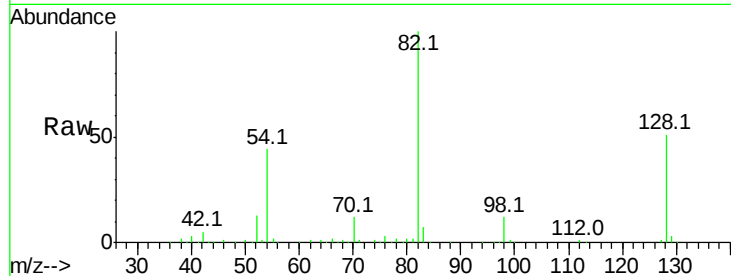
Time-->



#23
 Nitrobenzene-d5
 Concen: 109.103 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

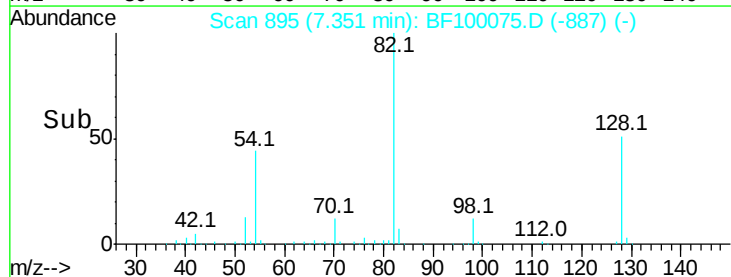
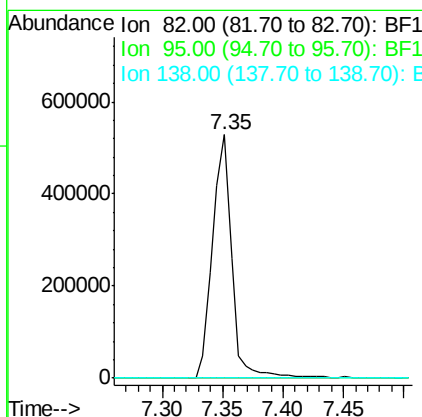
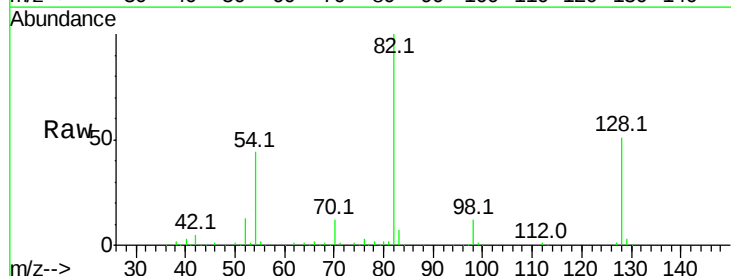
Instrument :
 BNA_F
 ClientSampleId :

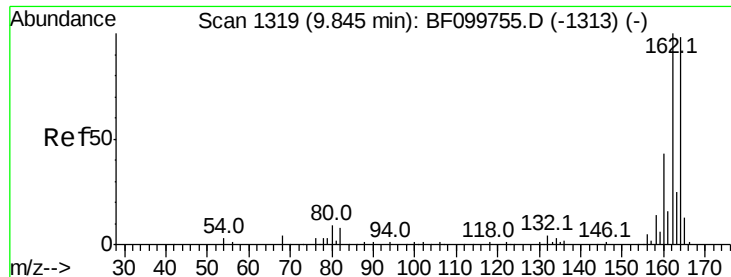
Tot Ion	82	Resp	580657
Ion Ratio	100	Lower	Upper
128	51.4	36.1	54.1
54	43.6	41.4	62.2



#25
 Isophorone
 Concen: 60.125 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.25 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

Tgt Ion	82	Resp	580649
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

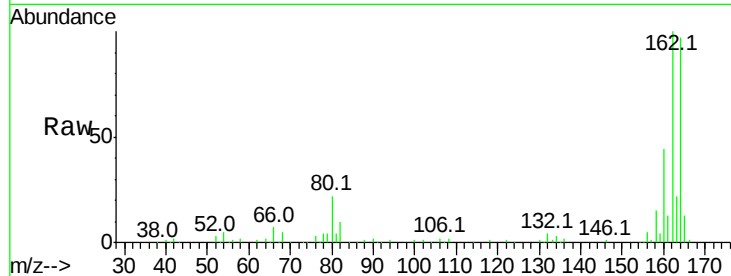




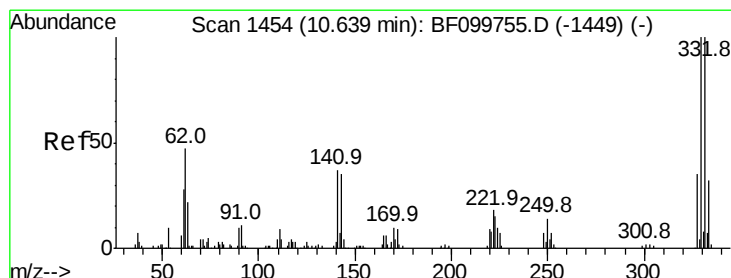
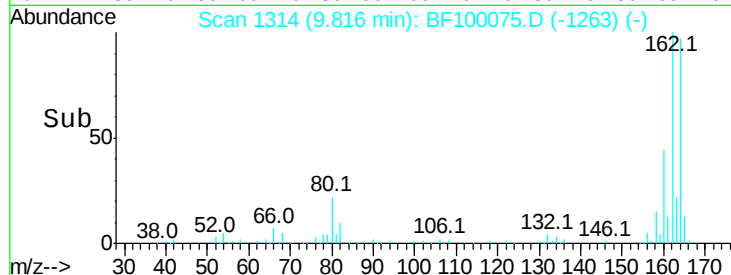
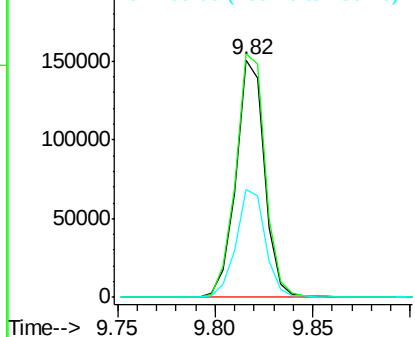
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 153178
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 45.2 38.3 57.5

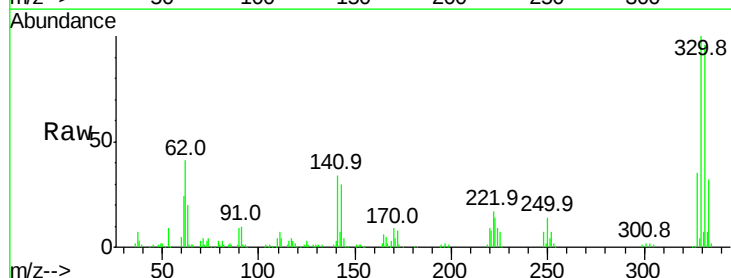


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

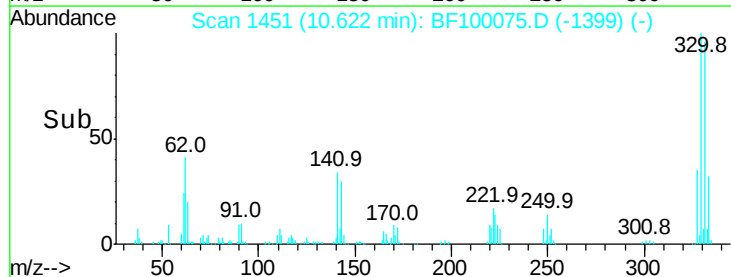
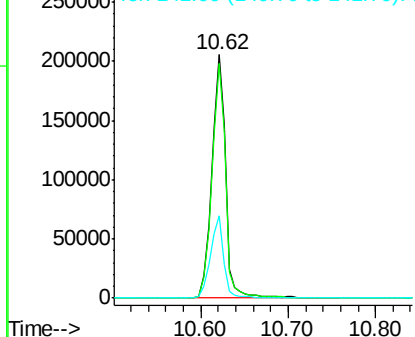


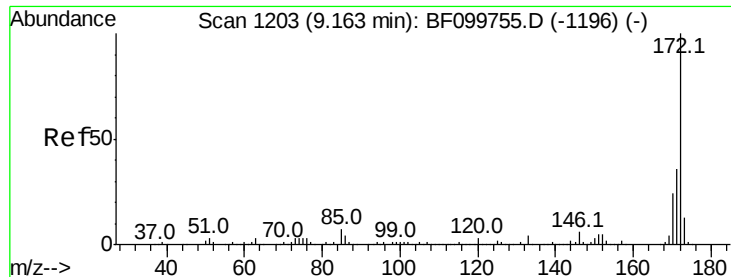
#41
2,4,6-Tribromophenol
Concen: 160.970 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Tgt Ion:330 Resp: 224704
Ion Ratio Lower Upper
330 100
332 96.1 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



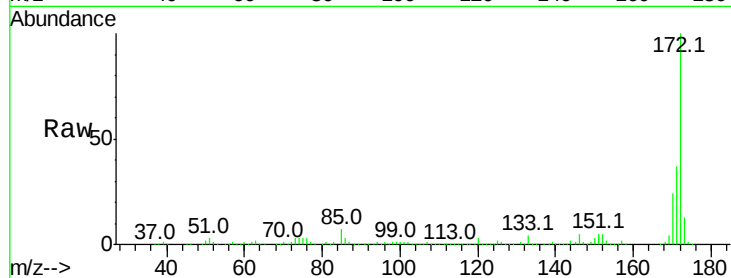


#44
 2-Fluorobiphenyl
 Concen: 124.506 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

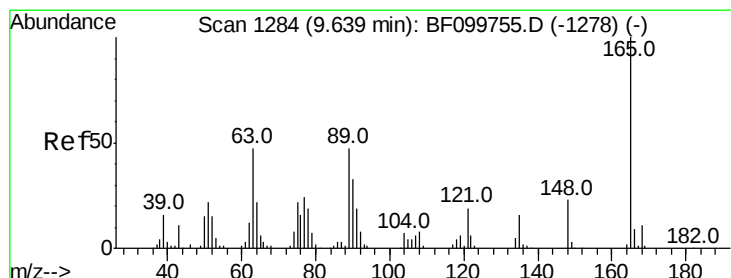
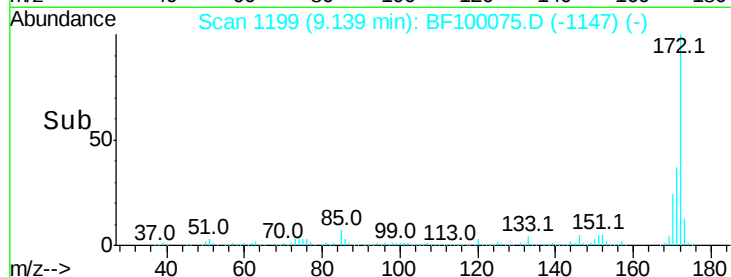
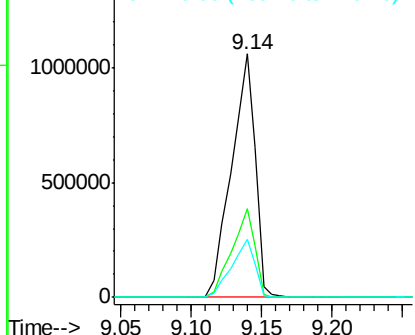
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1236131

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4



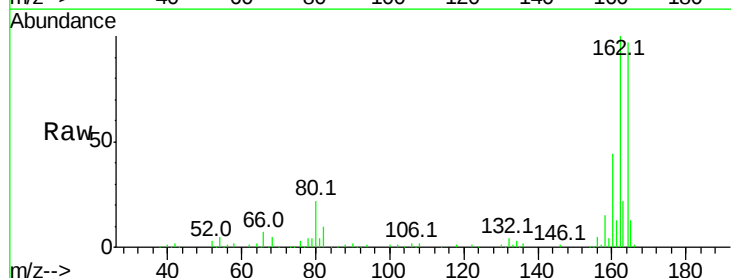
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



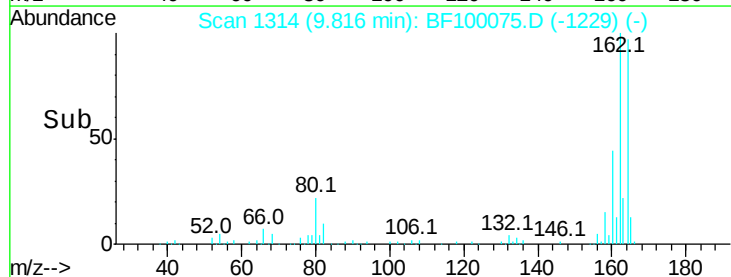
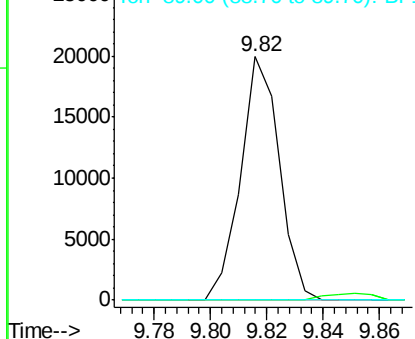
#50
 2,6-Dinitrotoluene
 Concen: 7.430 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.20 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

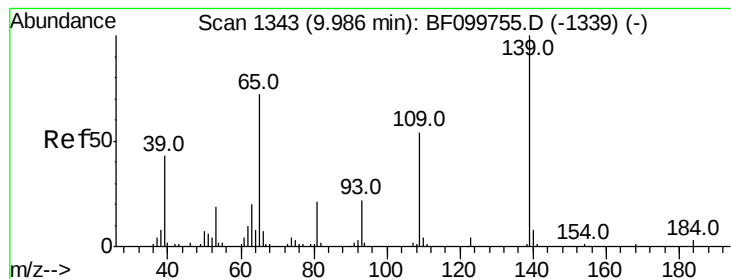
Tgt Ion:165 Resp: 18947

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	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: 2.456 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.05 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

Instrument :

BNA_F

ClientSampled :

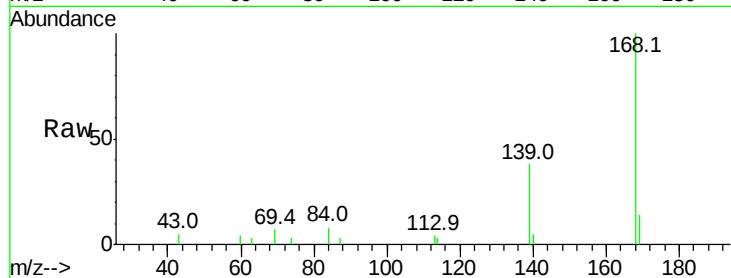
Tot Ion:139 Resp: 3856

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

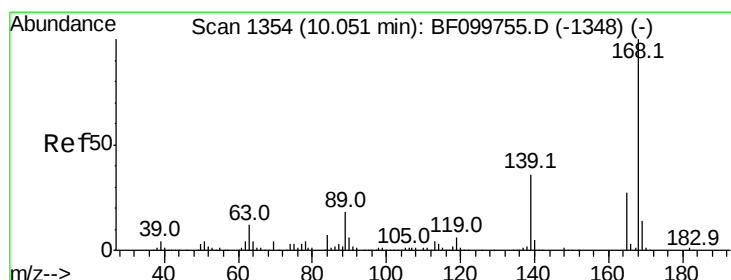
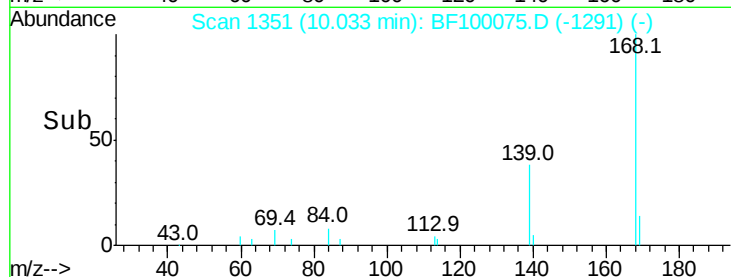
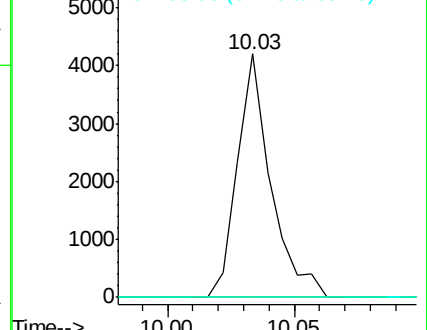
65 0.0 72.6 112.6#



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: 6.170 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.22 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

Tgt Ion:165 Resp: 18947

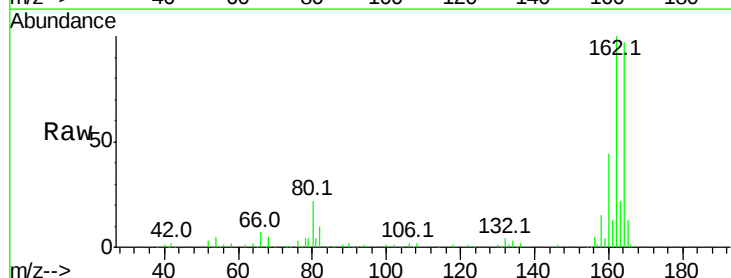
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

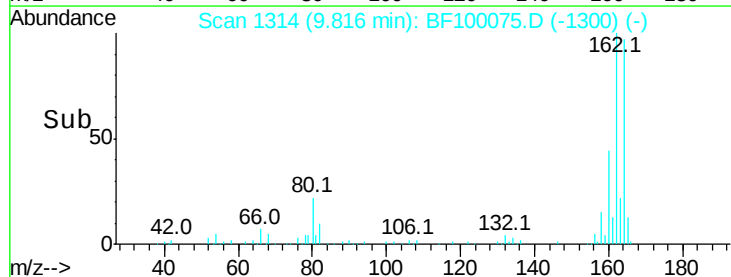
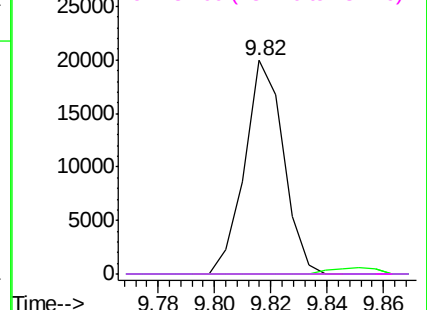


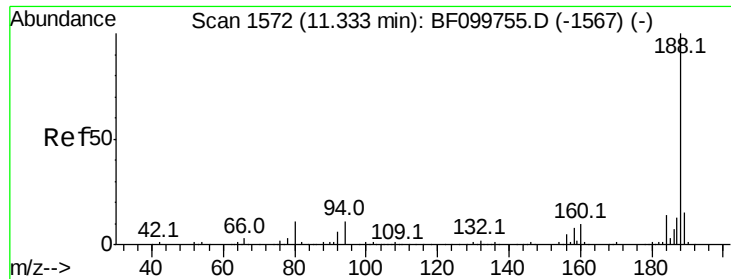
Abundance Ion 165.00 (164.70 to 165.70): E

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

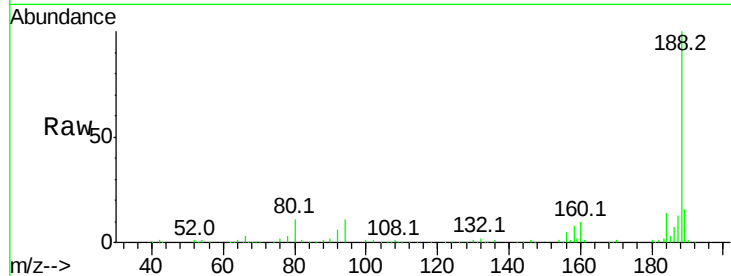




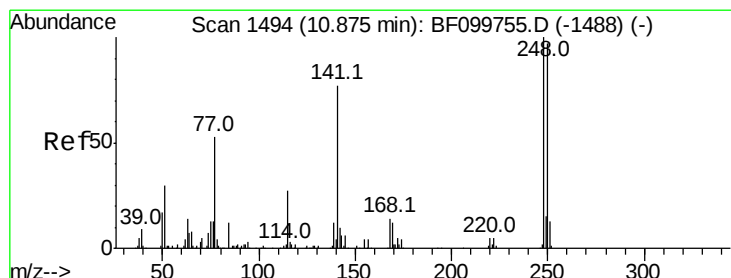
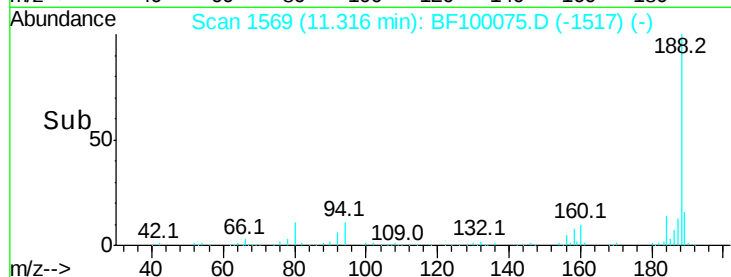
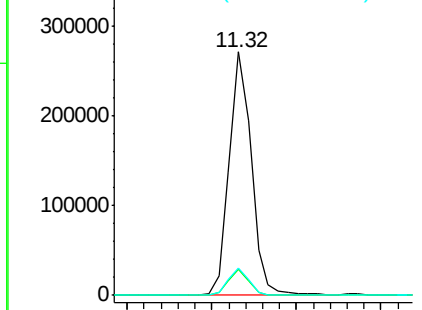
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 248406
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.1 9.2 13.8

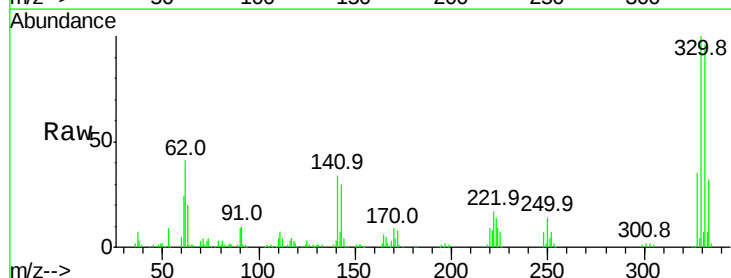


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

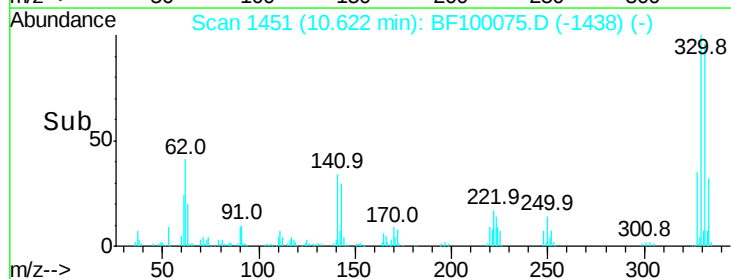
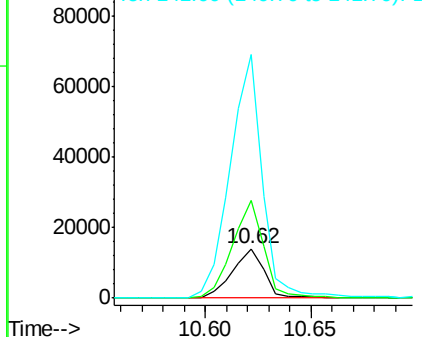


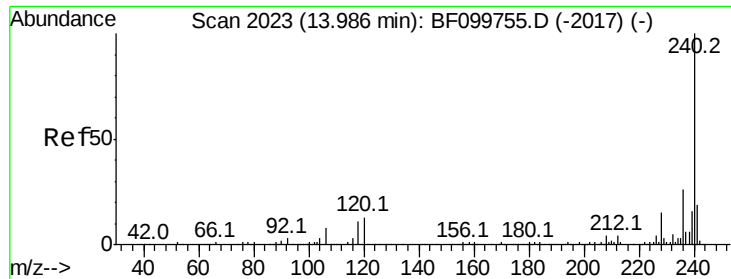
#66
 4-Bromophenyl-phenylether
 Concen: 5.579 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.22 min
 Lab File: BF100075.D
 Acq: 2 Nov 2017 5:41

Tgt Ion:248 Resp: 14590
 Ion Ratio Lower Upper
 248 100
 250 199.7 76.9 115.3#
 141 495.2 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

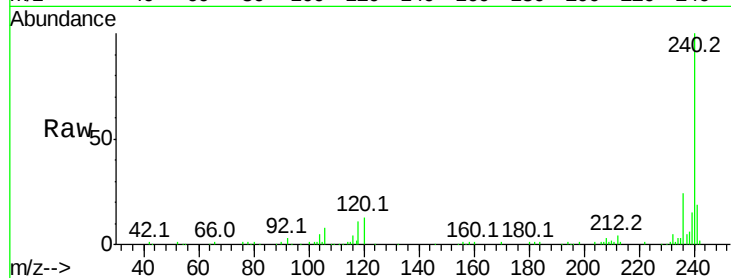




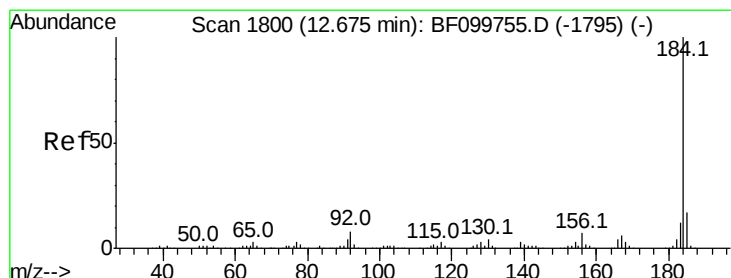
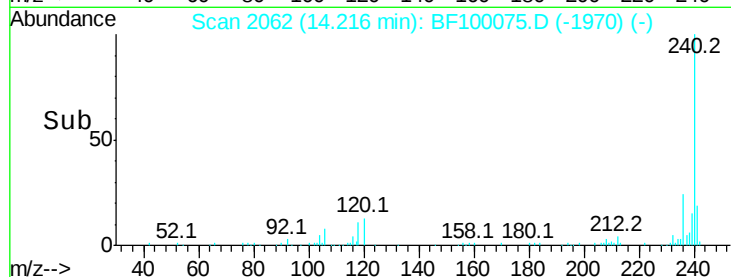
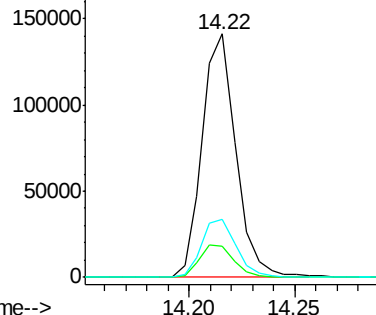
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.22 min Scan# 2062
Delta R.T. 0.24 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 156121
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 23.8 20.7 31.1

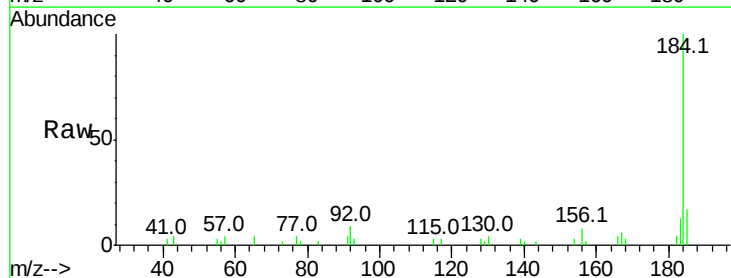


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

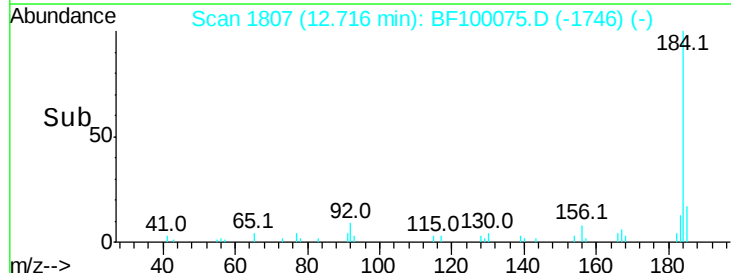
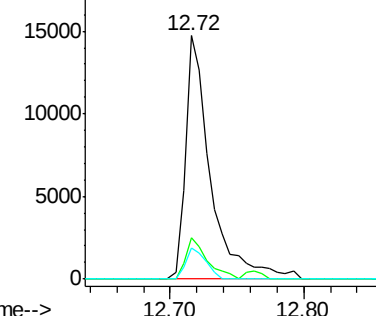


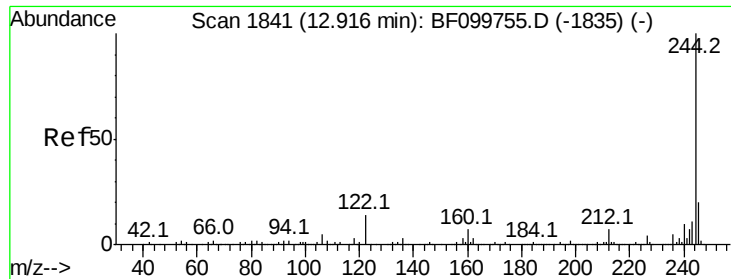
#76
Benzidine
Concen: 2.836 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.06 min
Lab File: BF100075.D
Acq: 2 Nov 2017 5:41

Tgt Ion:184 Resp: 19377
Ion Ratio Lower Upper
184 100
185 17.2 12.6 18.8
183 12.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 121.546 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.08 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

Instrument :

BNA_F

ClientSampleId :

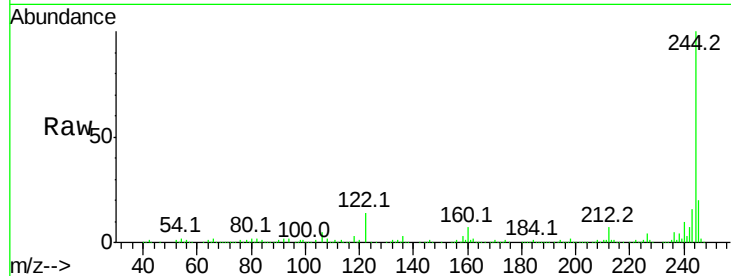
Tot Ion:244 Resp: 868317

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

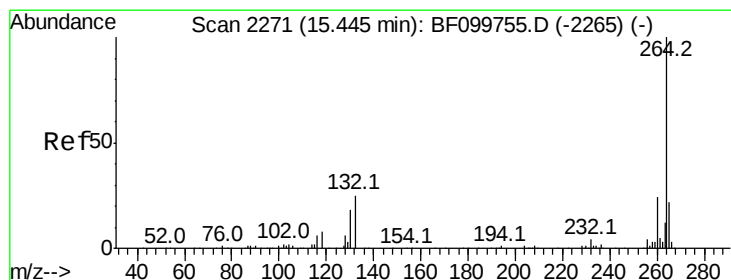
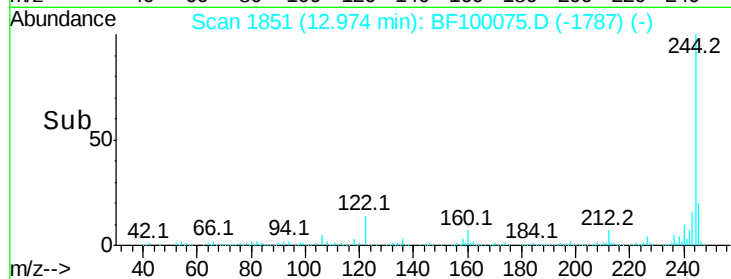
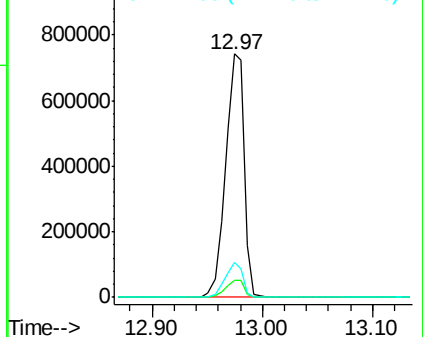
122 14.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.99 min Scan# 2364

Delta R.T. 0.53 min

Lab File: BF100075.D

Acq: 2 Nov 2017 5:41

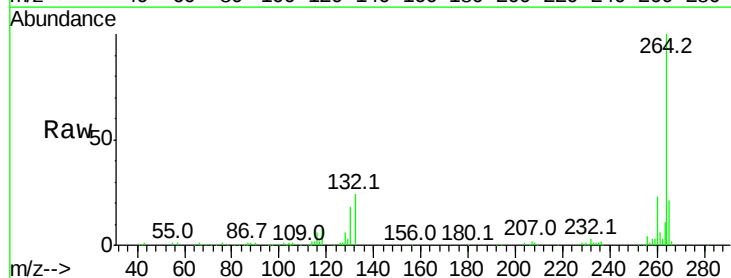
Tgt Ion:264 Resp: 128052

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 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

