

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100077.D
 Acq On : 2 Nov 2017 6:32
 Operator : SJ/JU
 Sample : I6153-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 07:22:36 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

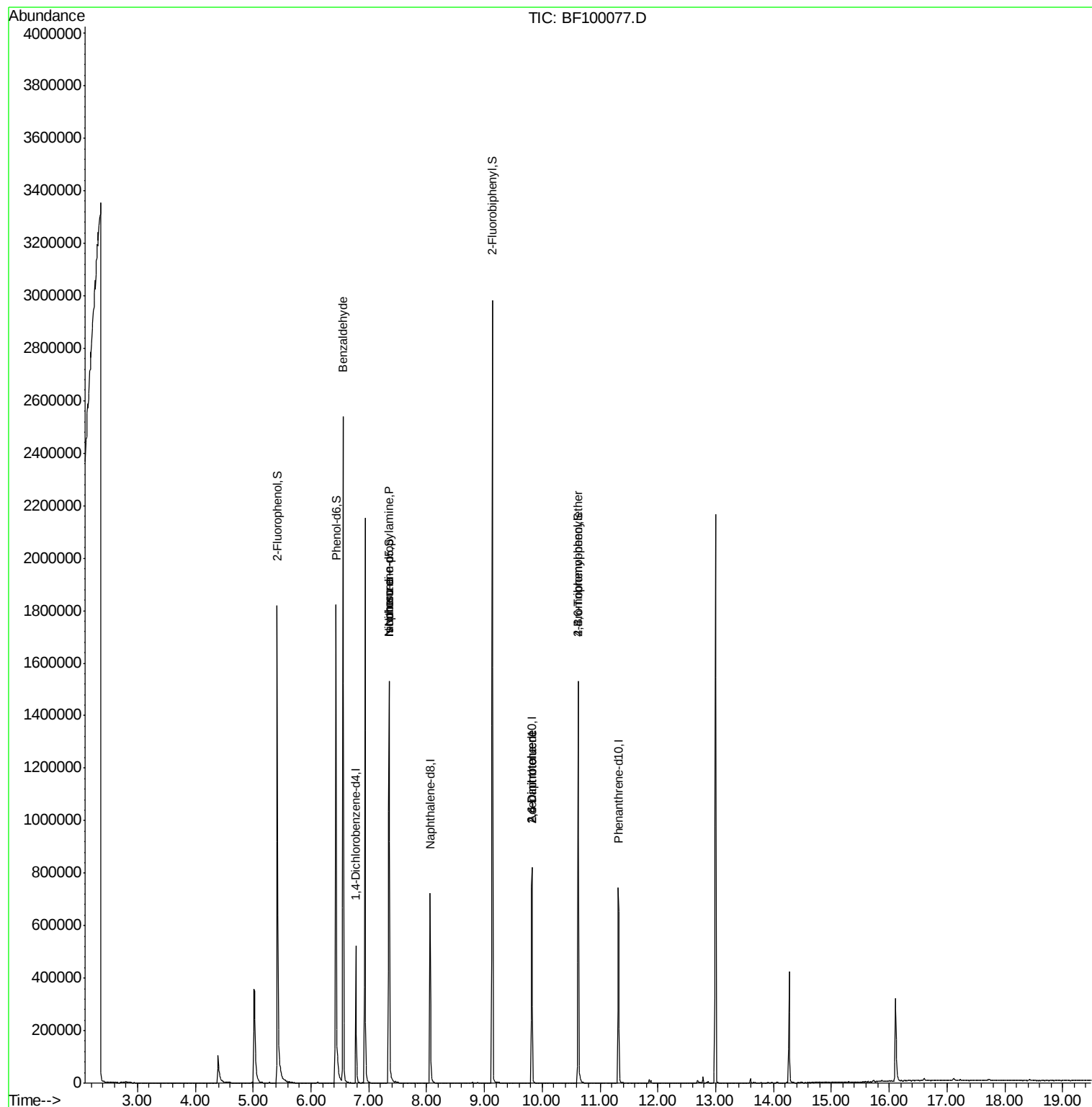
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	94535	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	388783	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	176718	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	290711	20.00	ng	0.00
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	775228	128.74	ng	0.02
7) Phenol-d6	6.43	99	844736	118.31	ng	0.00
23) Nitrobenzene-d5	7.35	82	559562	92.66	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	216131	134.20	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1161558	101.41	ng	0.00
78) Terphenyl-d14	13.00	244	871665	0.00	ng	0.10
Target Compounds						
9) Benzaldehyde	6.56	77	13803	3.235	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	68953	16.480	ng	# 72
25) Isophorone	7.35	82	559562	51.065	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	21986	7.473	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	21986	6.205	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	14224	4.648	ng	# 1

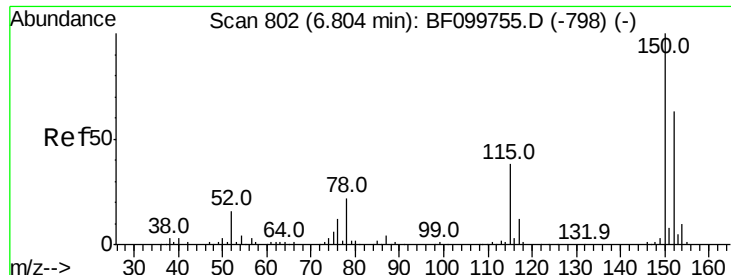
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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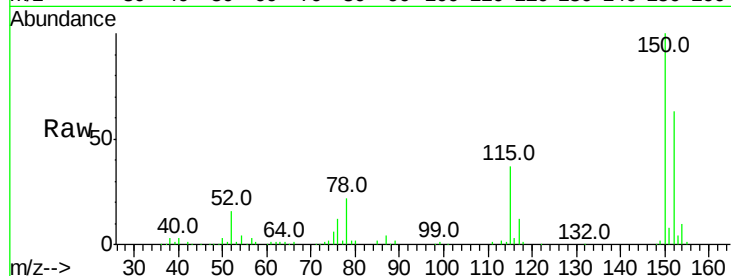


#1

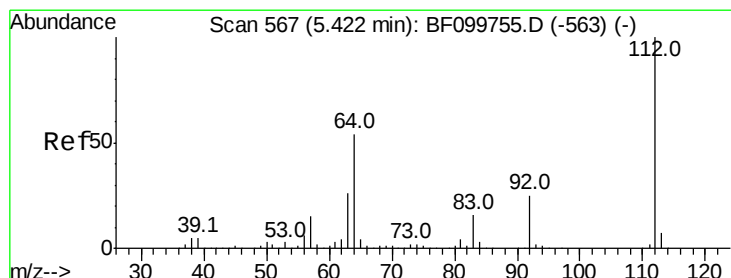
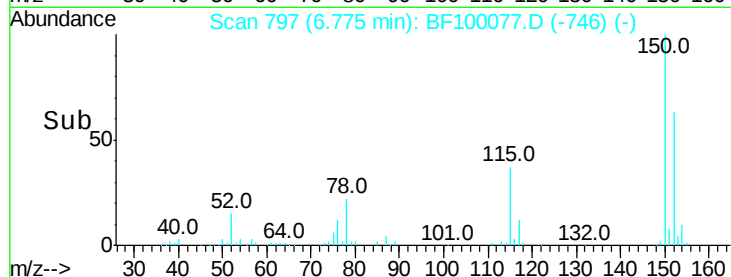
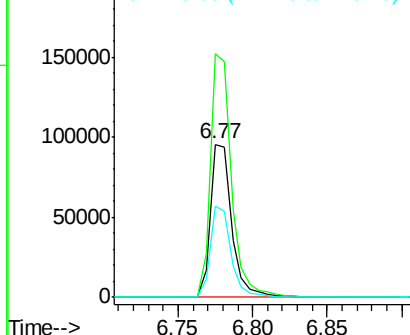
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100077.D
Acq: 2 Nov 2017 6:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94535
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 59.3 50.1 75.1



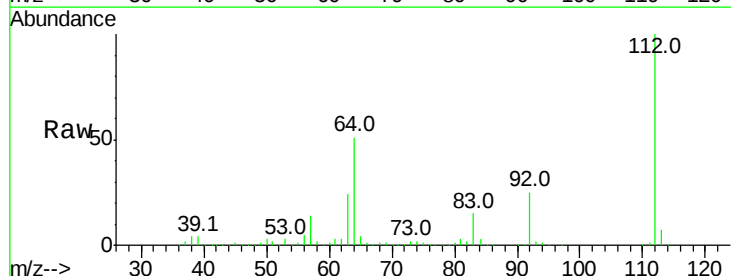
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



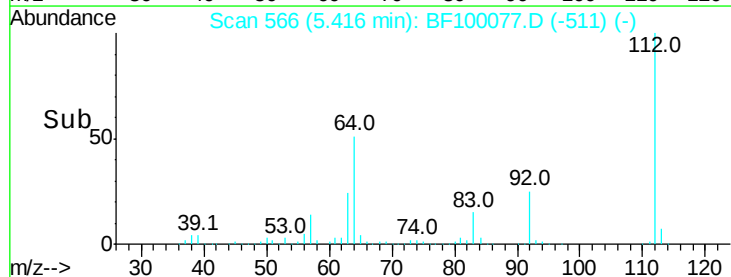
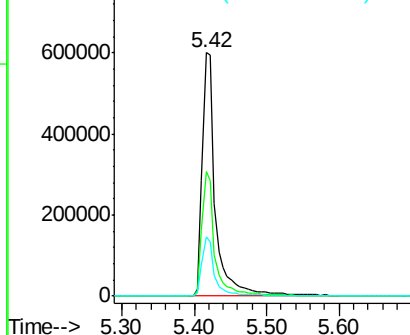
#5

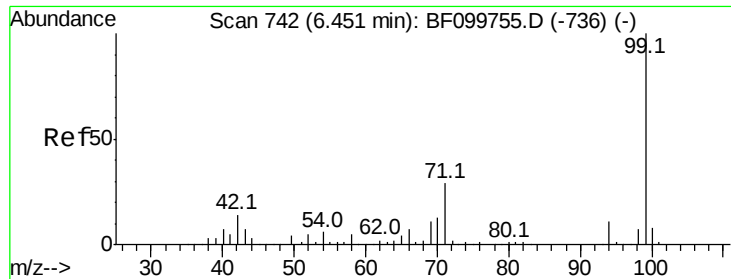
2-Fluorophenol
Concen: 128.744 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100077.D
Acq: 2 Nov 2017 6:32

Tgt Ion:112 Resp: 775228
Ion Ratio Lower Upper
112 100
64 51.1 47.9 71.9
63 24.3 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: 118.314 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100077.D

Acq: 2 Nov 2017 6:32

Instrument :

BNA_F

ClientSampled :

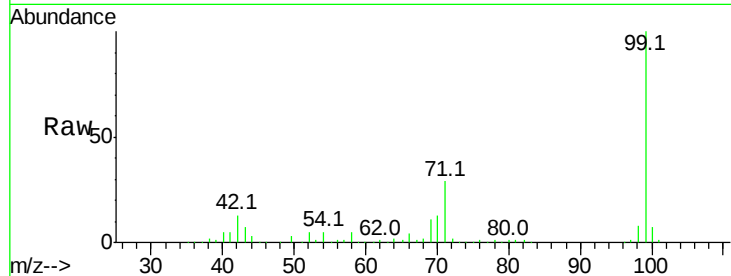
Tot Ion: 99 Resp: 844736

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

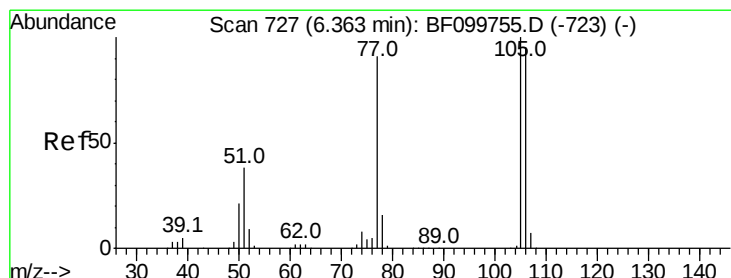
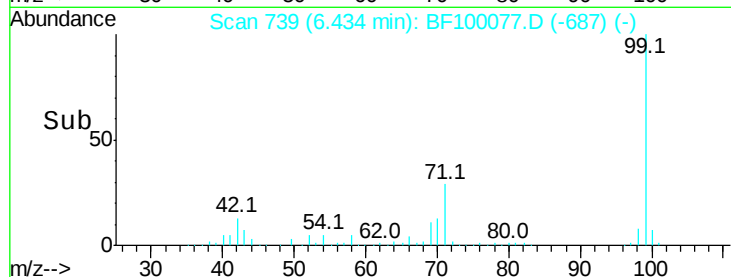
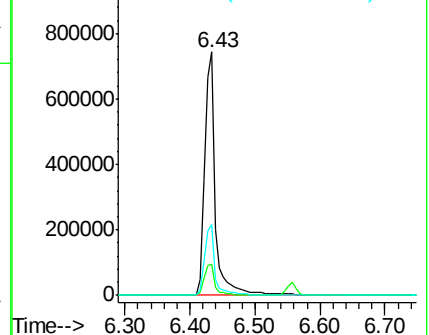
71 28.9 25.4 38.0



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: 3.235 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.22 min

Lab File: BF100077.D

Acq: 2 Nov 2017 6:32

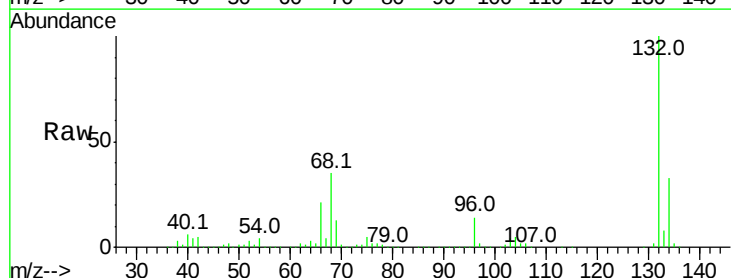
Tgt Ion: 77 Resp: 13803

Ion Ratio Lower Upper

77 100

105 88.3 81.1 121.1

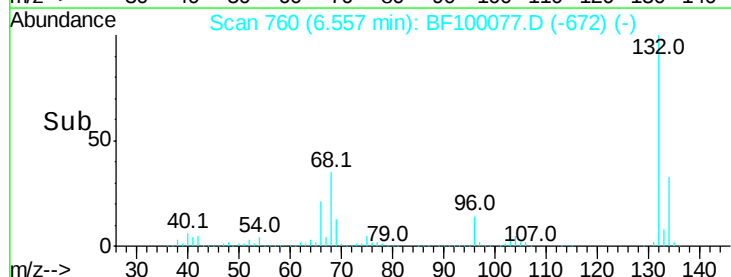
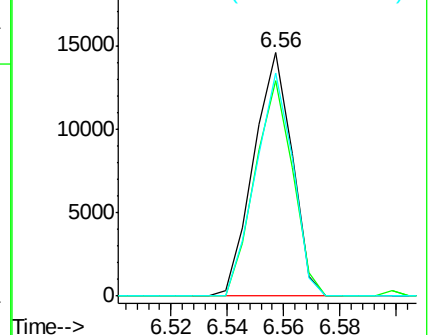
106 91.4 74.5 114.5

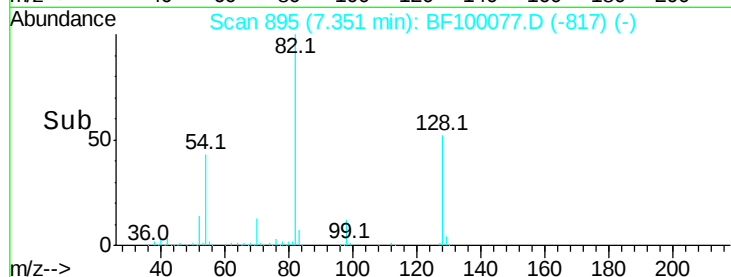
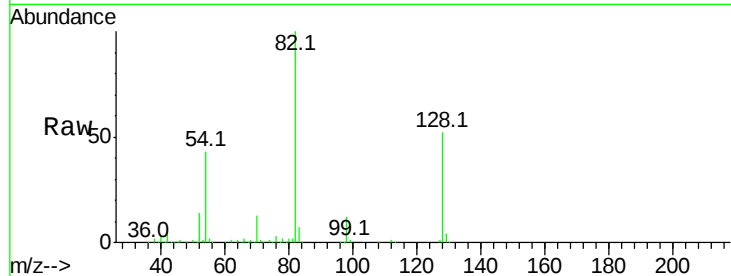
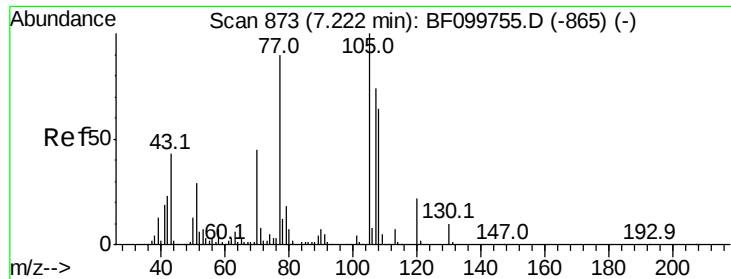


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

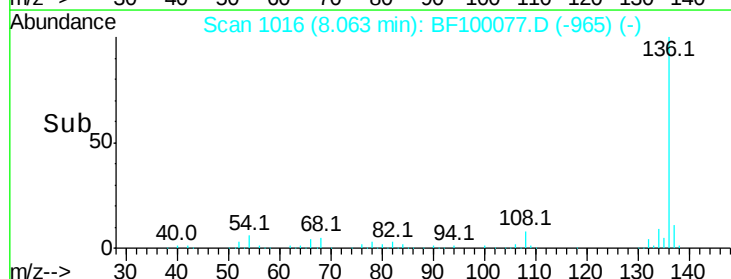
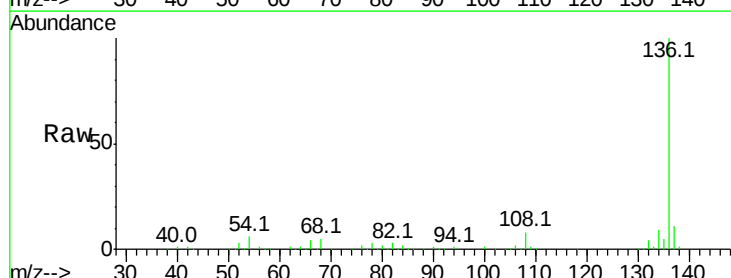
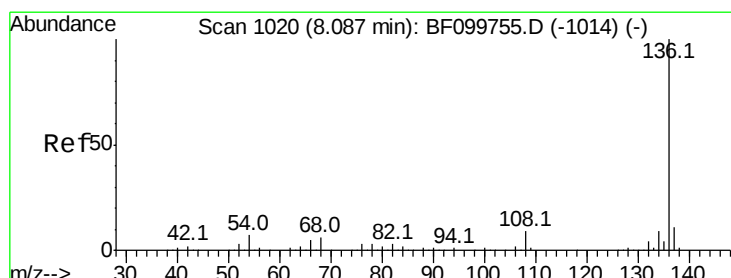
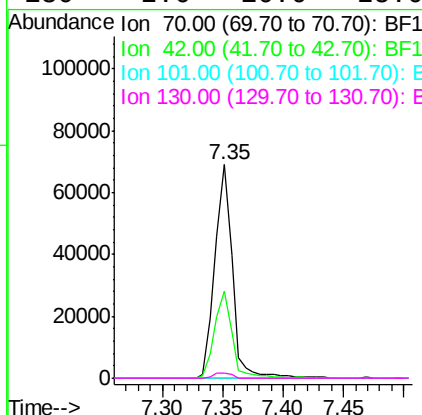




#19
n-Nitroso-di-n-propylamine
Concen: 16.480 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.16 min
Lab File: BF100077.D
Acq: 2 Nov 2017 6:32

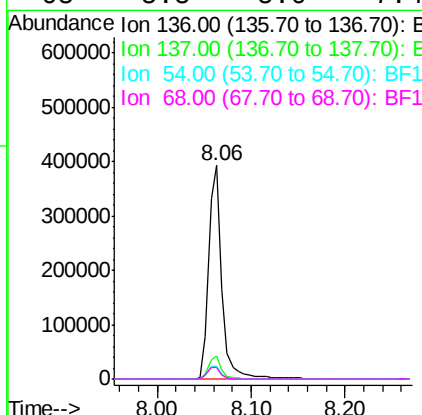
Instrument :
BNA_F
ClientSampleId :

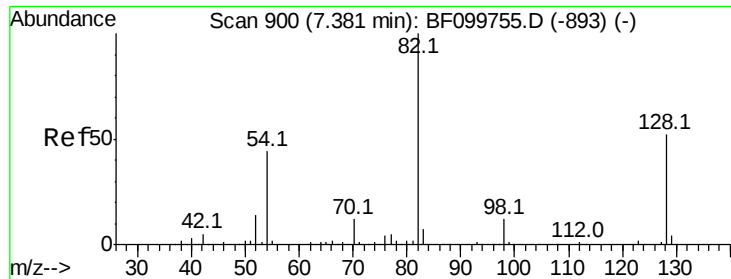
Tot Ion: 70 Resp: 68953
Ion Ratio Lower Upper
70 100
42 40.9 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF100077.D
Acq: 2 Nov 2017 6:32

Tgt Ion: 136 Resp: 388783
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

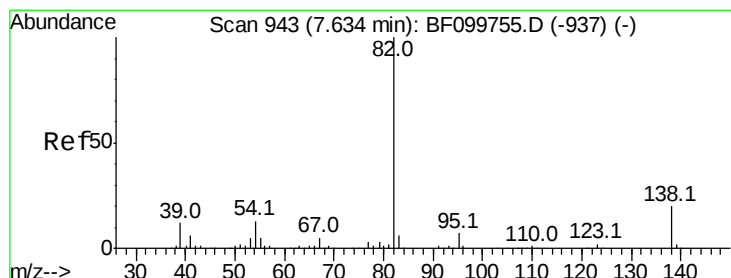
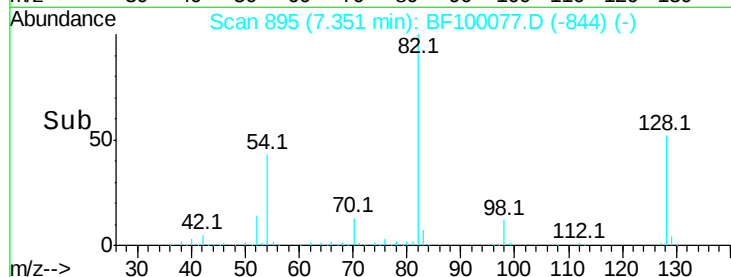
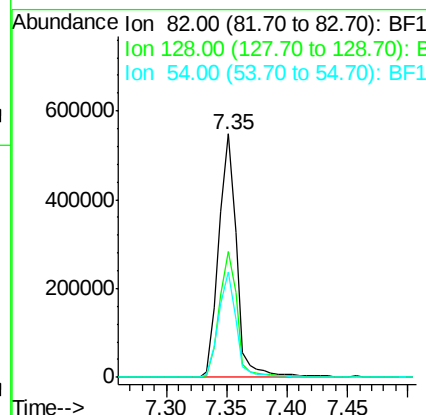
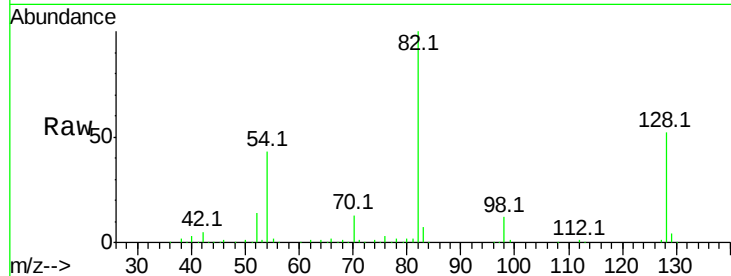




#23
 Nitrobenzene-d5
 Concen: 92.661 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF100077.D
 Acq: 2 Nov 2017 6:32

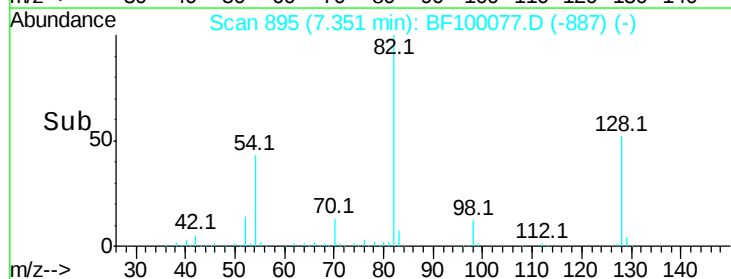
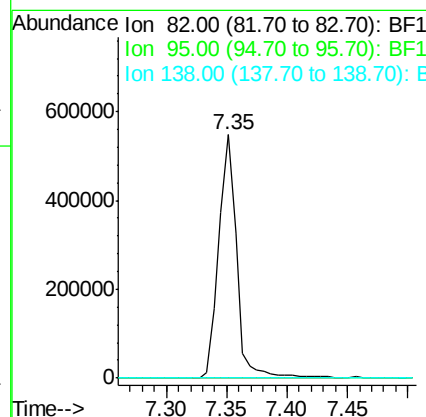
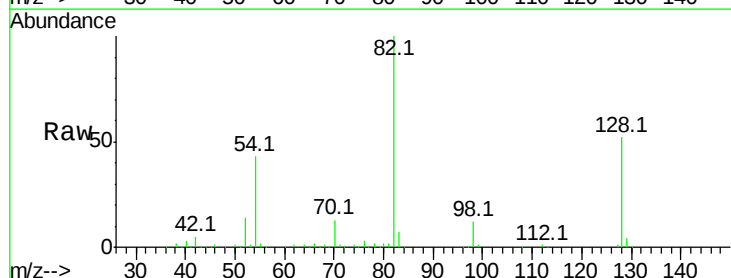
Instrument :
 BNA_F
 ClientSampled :

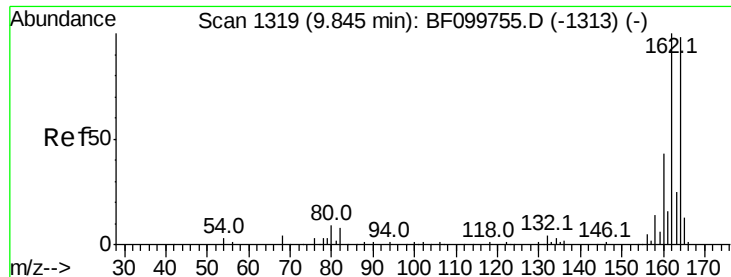
Tot Ion	82	Resp	559562
Ion Ratio	100	Lower	Upper
128	51.6	36.1	54.1
54	43.4	41.4	62.2



#25
 Isophorone
 Concen: 51.065 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.25 min
 Lab File: BF100077.D
 Acq: 2 Nov 2017 6:32

Tgt Ion	82	Resp	559562
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

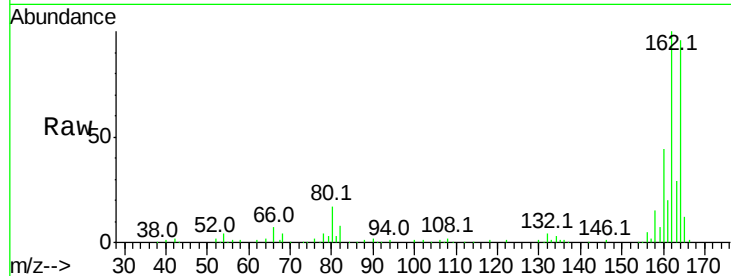




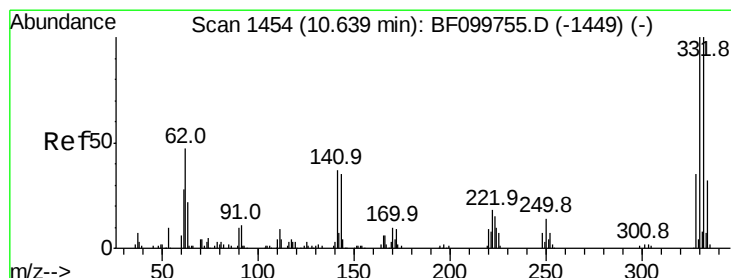
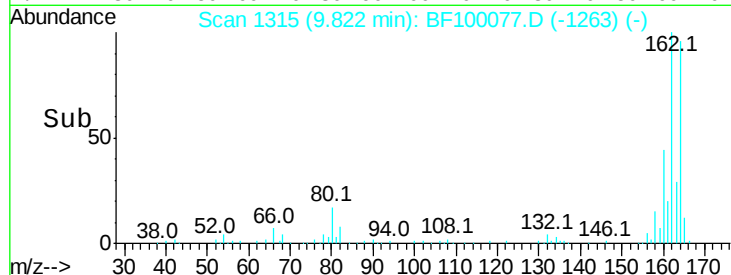
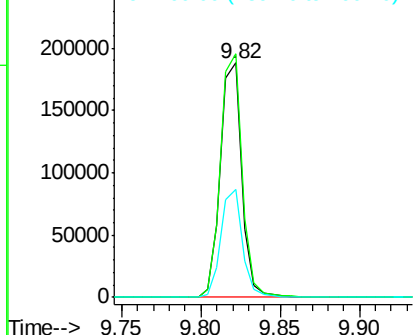
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF100077.D
Acq: 2 Nov 2017 6:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 176718
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 45.9 38.3 57.5

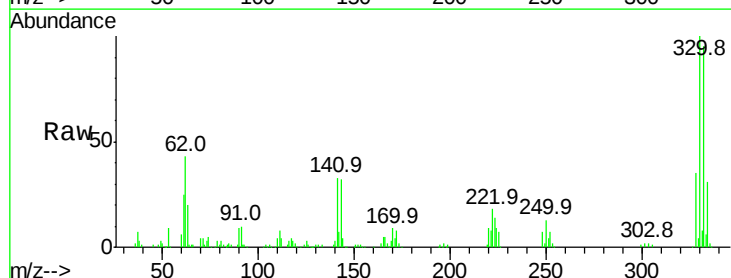


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

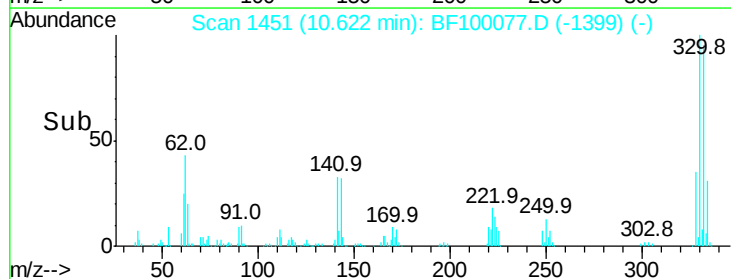
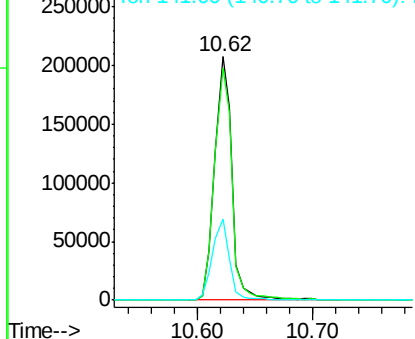


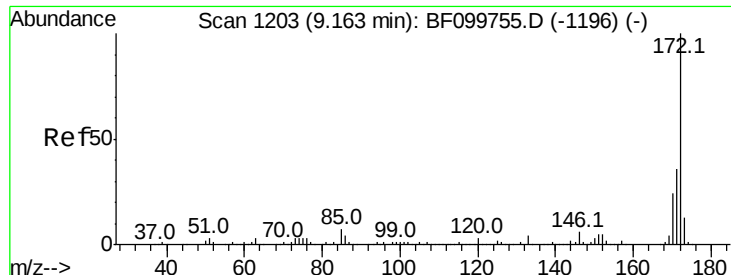
#41
2,4,6-Tribromophenol
Concen: 134.204 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF100077.D
Acq: 2 Nov 2017 6:32

Tgt Ion:330 Resp: 216131
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 33.1 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

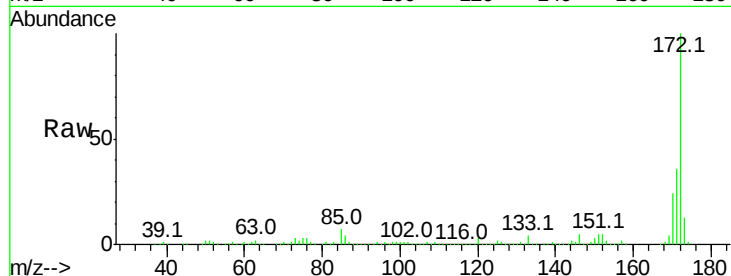




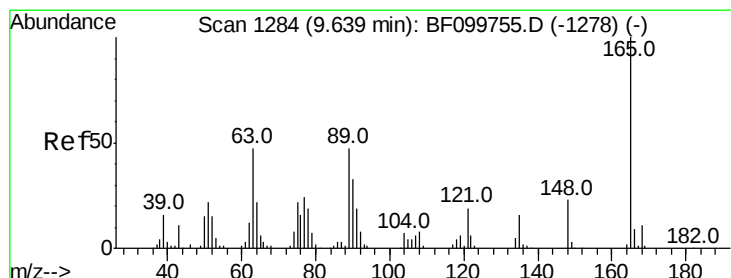
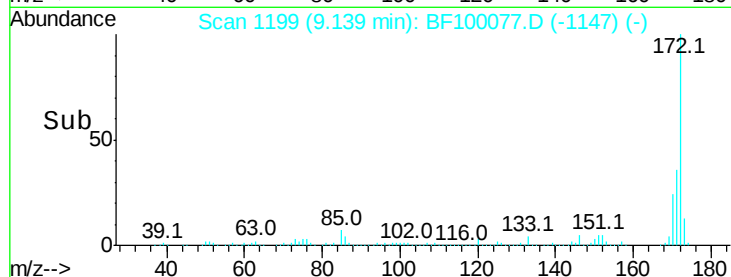
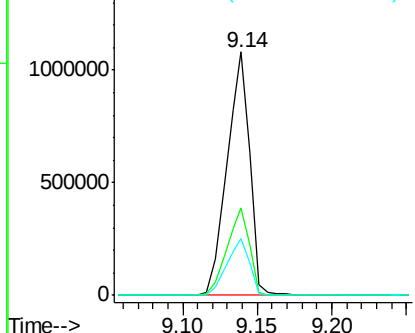
#44
2-Fluorobiphenyl
Concen: 101.410 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF100077.D
Acq: 2 Nov 2017 6:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1161558
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.6 19.6 29.4

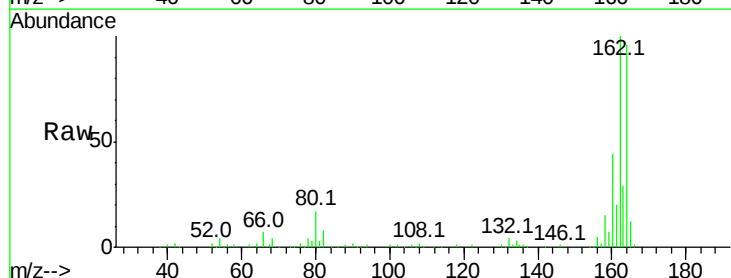


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

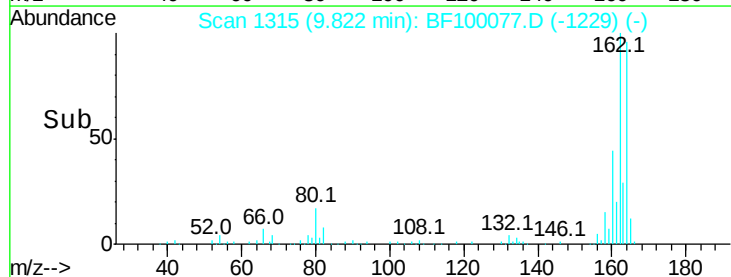
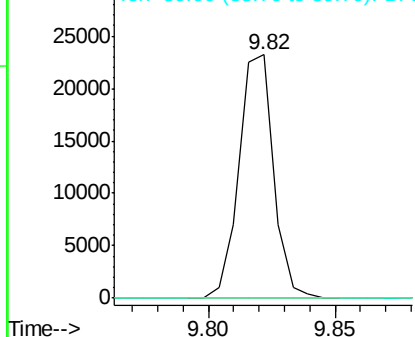


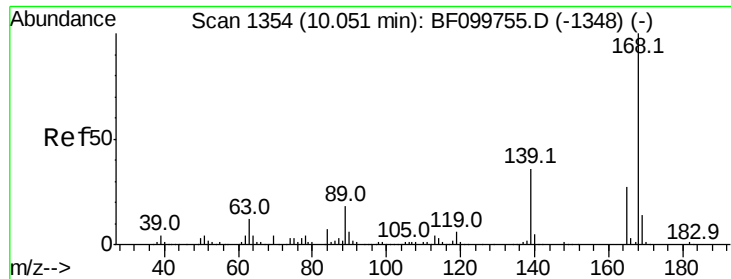
#50
2,6-Dinitrotoluene
Concen: 7.473 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF100077.D
Acq: 2 Nov 2017 6:32

Tgt Ion:165 Resp: 21986
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

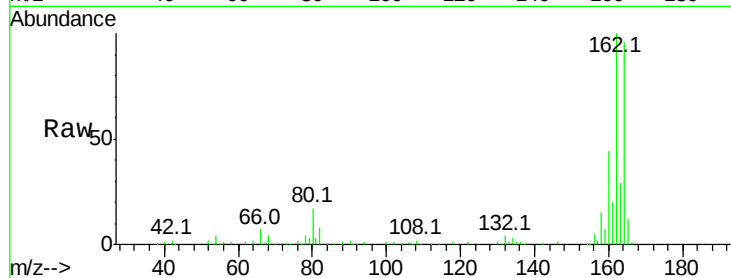




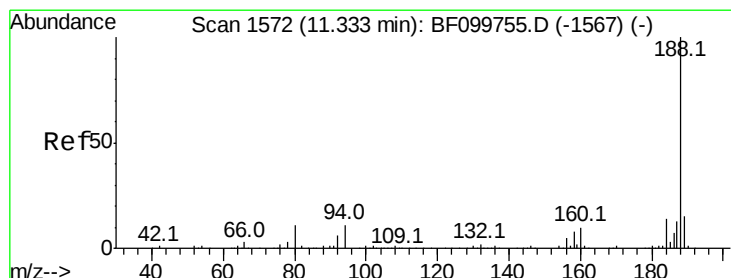
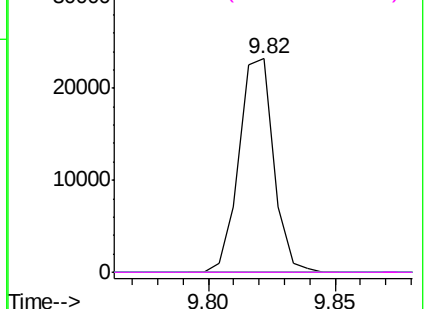
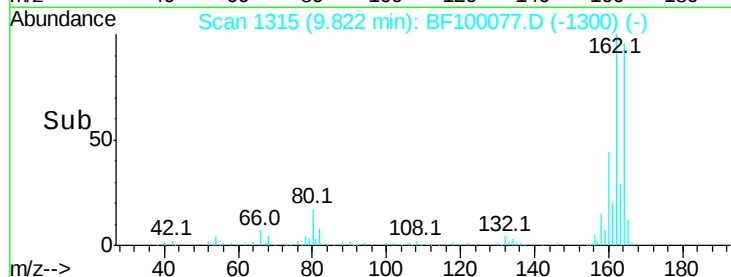
#56
 2,4-Dinitrotoluene
 Concen: 6.205 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.21 min
 Lab File: BF100077.D
 Acq: 2 Nov 2017 6:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 21986
 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#

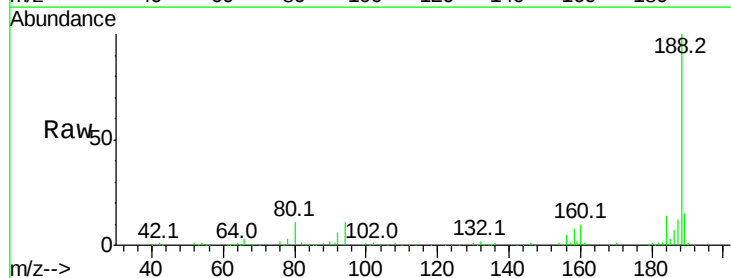


Abundance Ion 165.00 (164.70 to 165.70): E

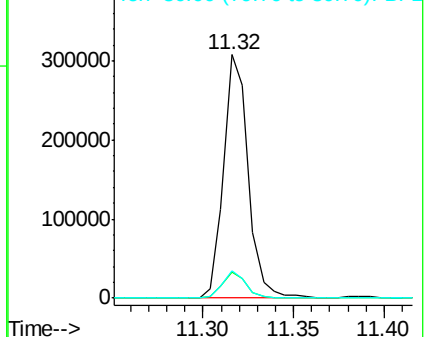
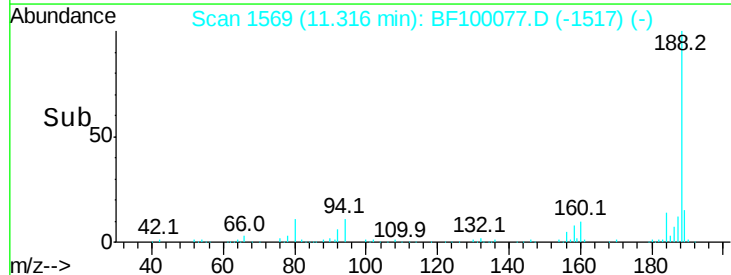


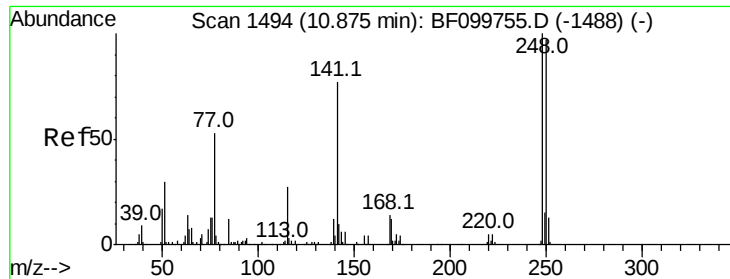
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF100077.D
 Acq: 2 Nov 2017 6:32

Tgt Ion:188 Resp: 290711
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.648 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.22 min

Lab File: BF100077.D

Acq: 2 Nov 2017 6:32

Instrument :

BNA_F

ClientSampleId :

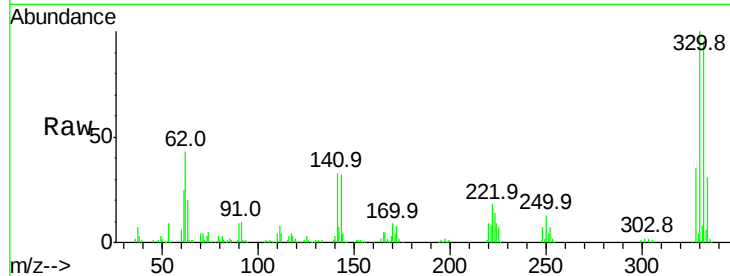
Tot Ion:248 Resp: 14224

Ion Ratio Lower Upper

248 100

250 194.4 76.9 115.3#

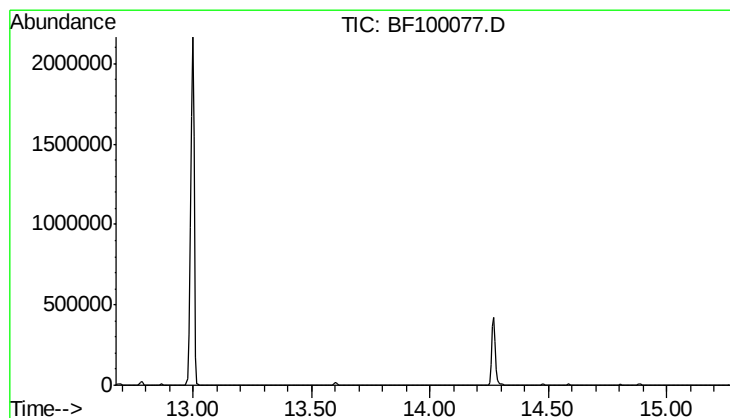
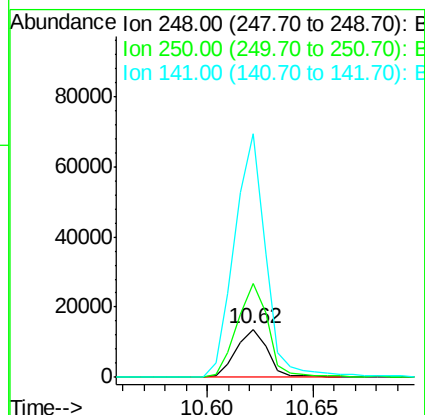
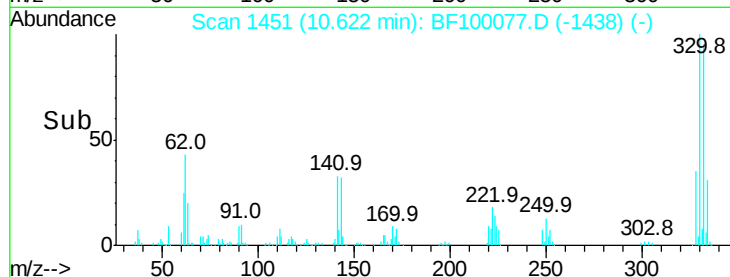
141 502.9 74.4 111.6#



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: 0.000 ng

Expected RT: 13.97 min

Lab File: BF100077.D

Acq: 2 Nov 2017 6:32

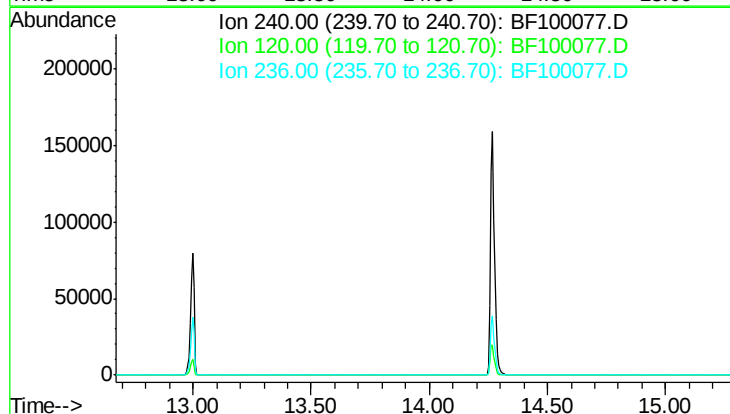
Tgt Ion: 240

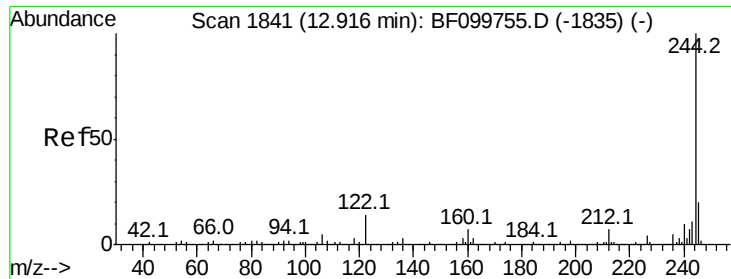
Sig Exp Ratio

240 100

120 11.9

236 25.9





#78

Terphenyl-d14

Concen: 0.000 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.10 min

Lab File: BF100077.D

Acq: 2 Nov 2017 6:32

Instrument :

BNA_F

ClientSampleId :

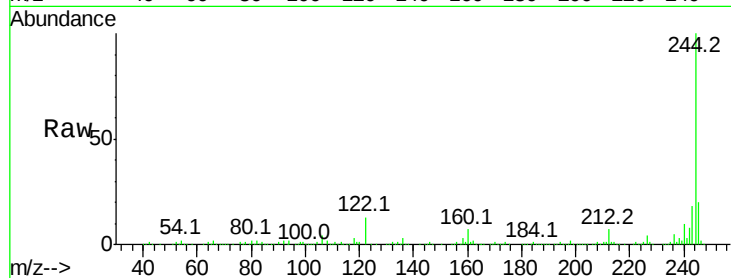
Tot Ion: 244 Resp: 871665

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

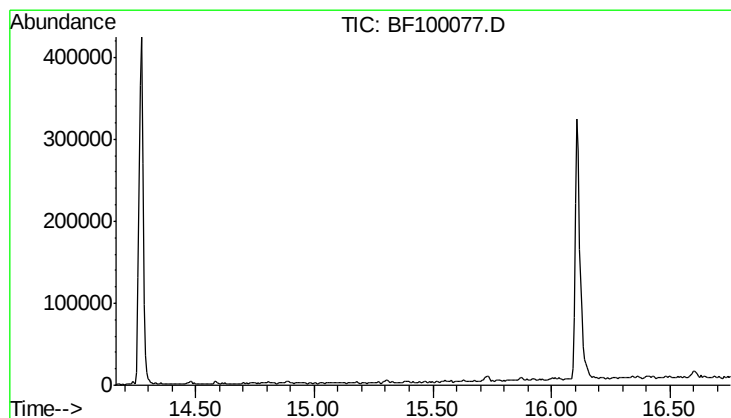
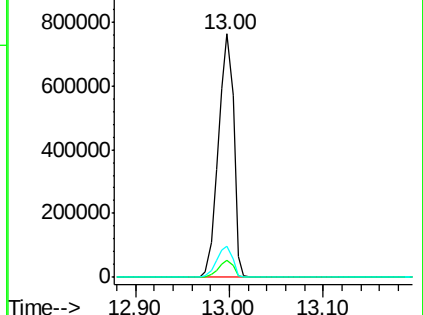
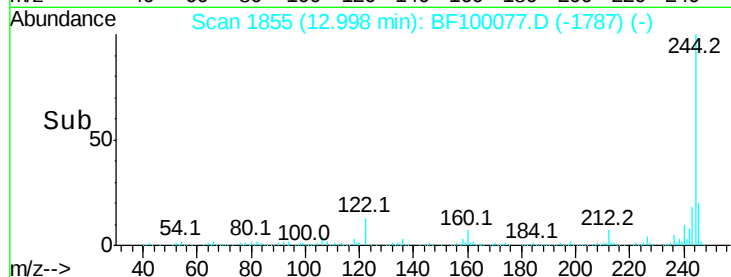
122 13.0 11.0 16.4



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: 0.000 ng

Expected RT: 15.46 min

Lab File: BF100077.D

Acq: 2 Nov 2017 6:32

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.9

