

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100132.D
 Acq On : 3 Nov 2017 14:14
 Operator : SJ/JU
 Sample : I6258-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 15:46:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	91949	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	384324	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	182136	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	335140	20.00	ng	0.00
75) Chrysene-d12	13.95	240	215234	20.00	ng	0.00
86) Perylene-d12	15.41	264	152244	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	517086	88.29	ng	0.00
7) Phenol-d6	6.43	99	616216	88.73	ng	0.00
23) Nitrobenzene-d5	7.34	82	346034	57.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	151261	91.13	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	702118	59.48	ng	0.00
78) Terphenyl-d14	12.88	244	643827	65.37	ng	0.00

Target Compounds

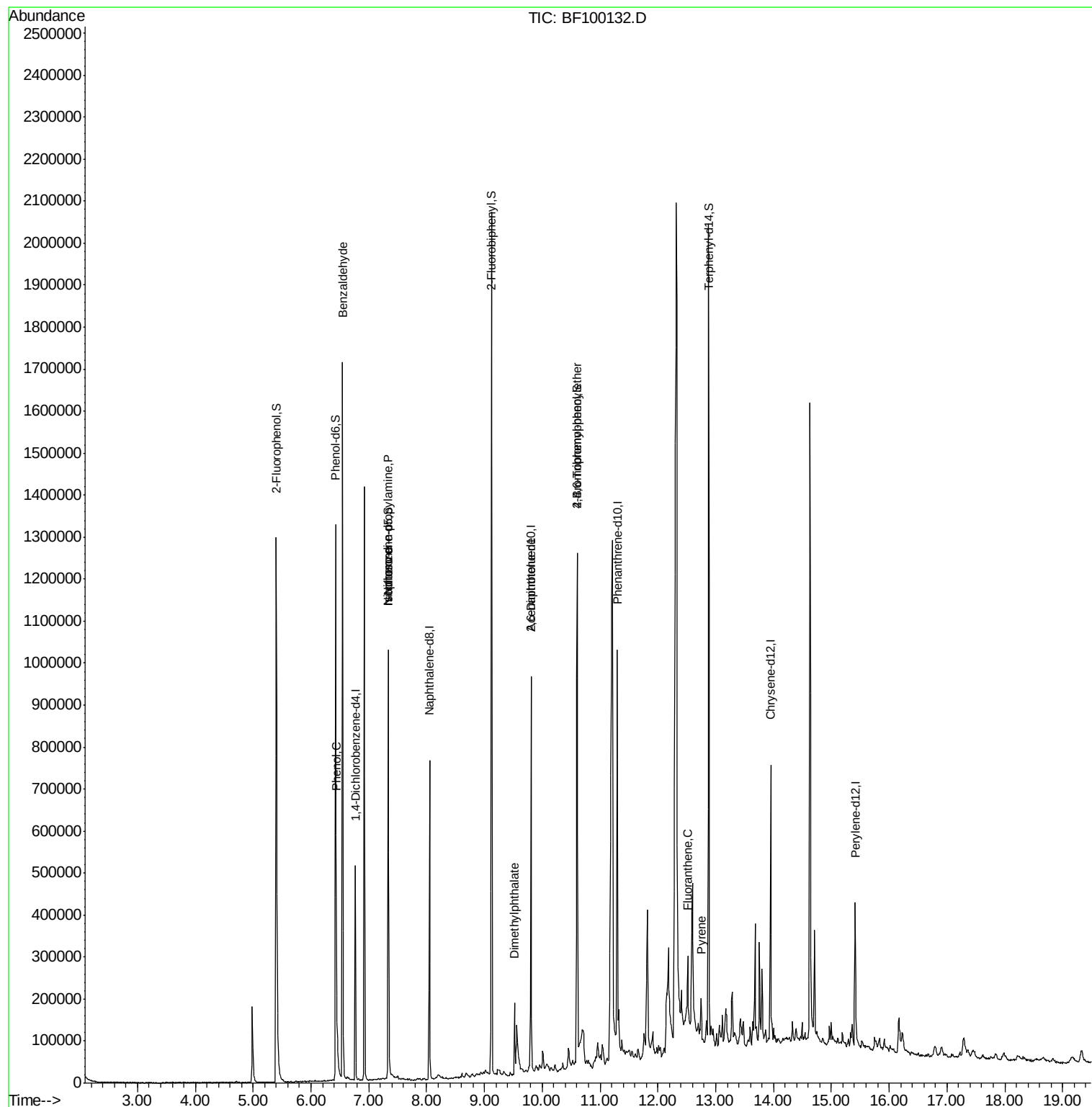
						Qvalue
9) Benzaldehyde	6.55	77	9513	2.292	ng	97
10) Phenol	6.44	94	34766	4.560	ng	93
19) n-Nitroso-di-n-propylamine	7.34	70	44102	10.837	ng	# 73
25) Isophorone	7.34	82	346030	31.944	ng	# 64
49) Dimethylphthalate	9.52	163	66252	4.593	ng	99
50) 2,6-Dinitrotoluene	9.80	165	24439	8.060	ng	# 26
66) 4-Bromophenyl-phenylether	10.60	248	9619	2.726	ng	# 1
74) Fluoranthene	12.52	202	49990	2.543	ng	99
77) Pyrene	12.75	202	41131	2.513	ng	99

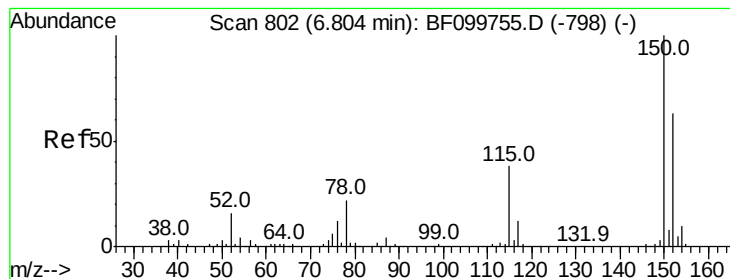
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110317\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration



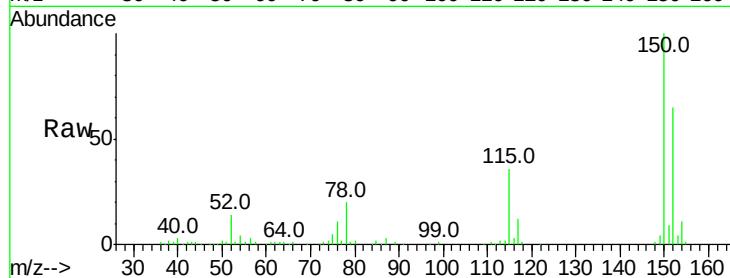


#1

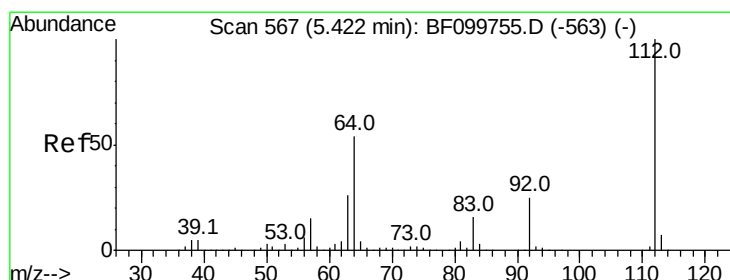
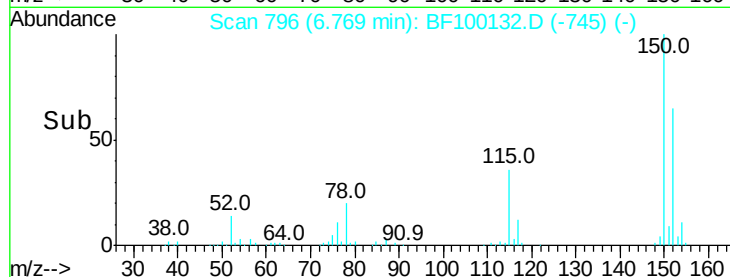
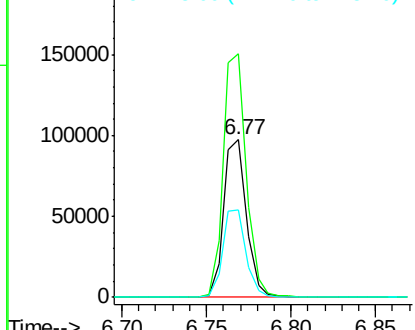
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91949
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 55.8 50.1 75.1



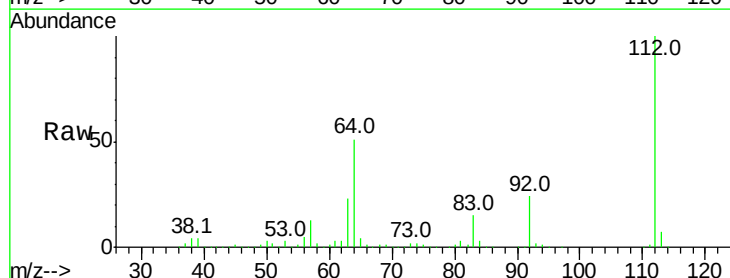
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



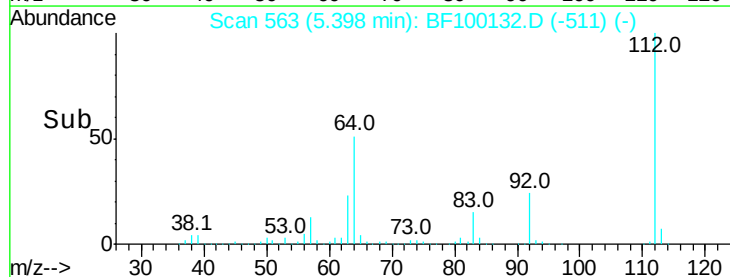
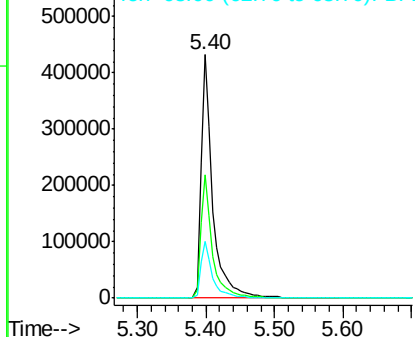
#5

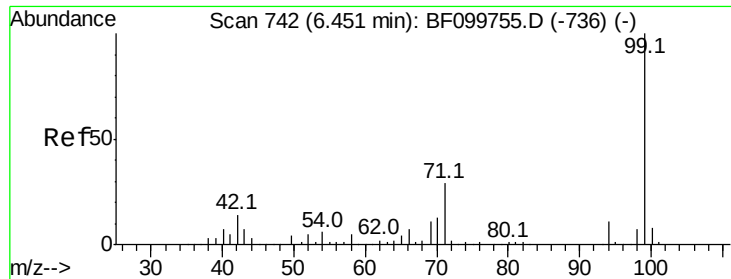
2-Fluorophenol
Concen: 88.289 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Tgt Ion:112 Resp: 517086
Ion Ratio Lower Upper
112 100
64 50.7 47.9 71.9
63 23.5 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 88.735 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

Instrument :

BNA_F

ClientSampleId :

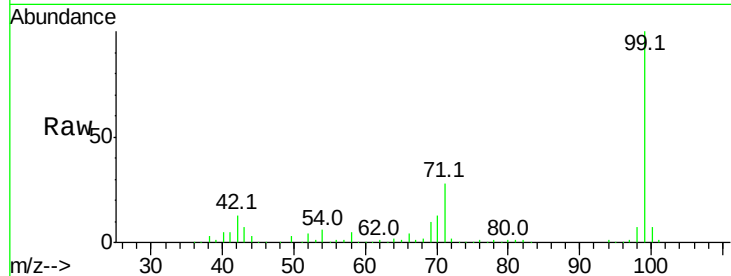
Tot Ion: 99 Resp: 616216

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

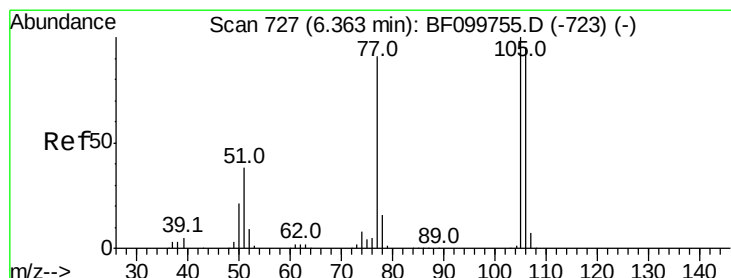
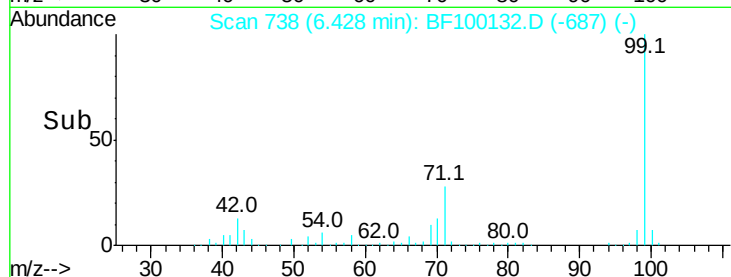
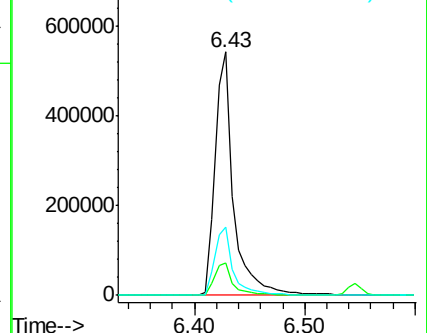
71 28.1 25.4 38.0



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: 2.292 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.21 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

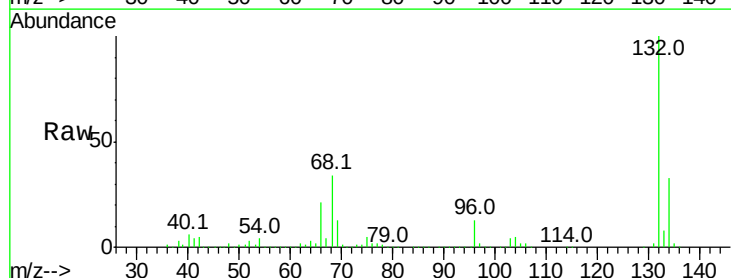
Tgt Ion: 77 Resp: 9513

Ion Ratio Lower Upper

77 100

105 96.5 81.1 121.1

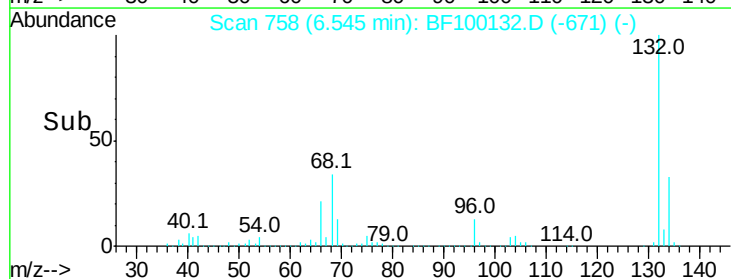
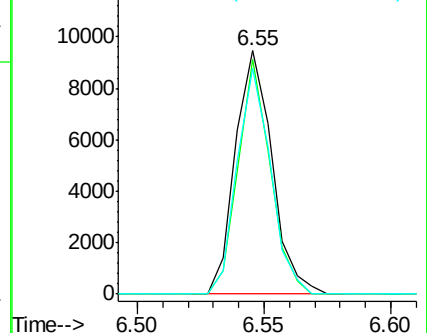
106 92.4 74.5 114.5

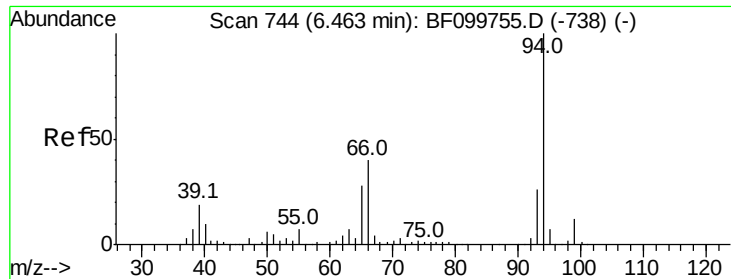


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.560 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

Instrument :

BNA_F

ClientSampled :

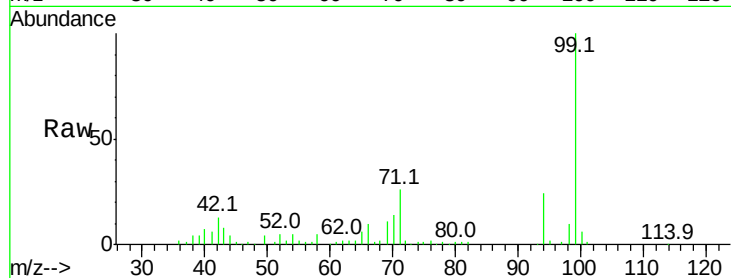
Tot Ion: 94 Resp: 34766

Ion Ratio Lower Upper

94 100

65 25.0 7.9 47.9

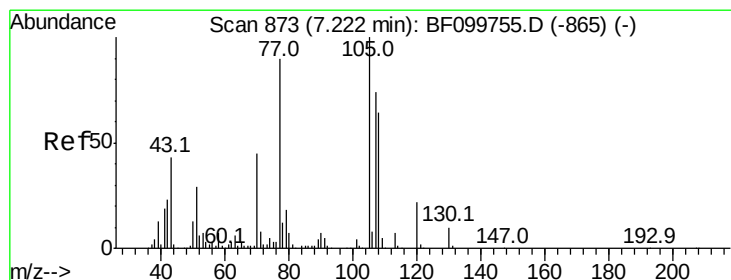
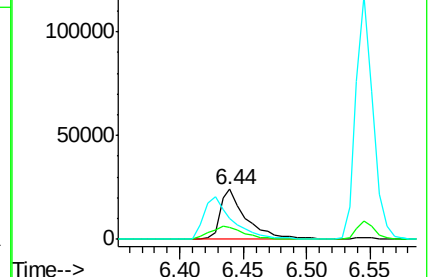
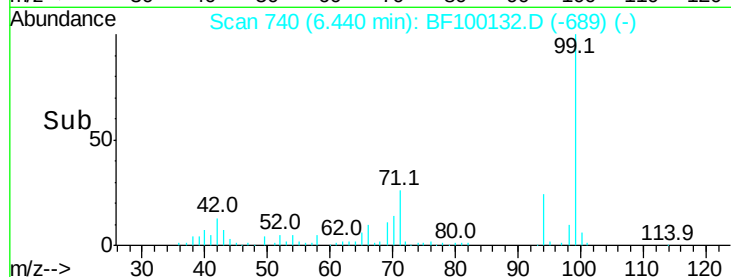
66 41.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.837 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

Tgt Ion: 70 Resp: 44102

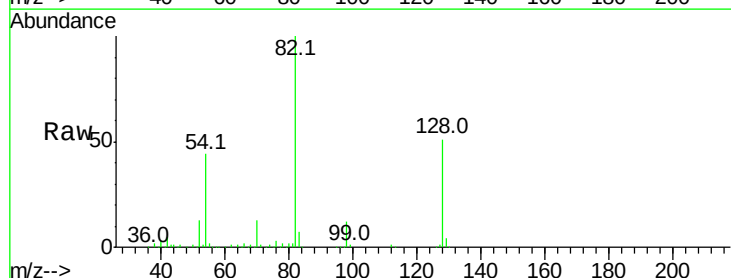
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

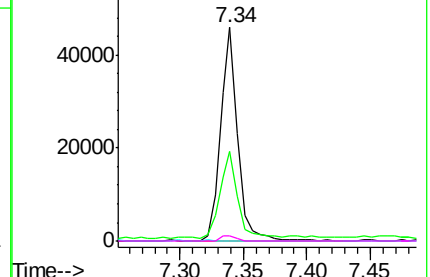
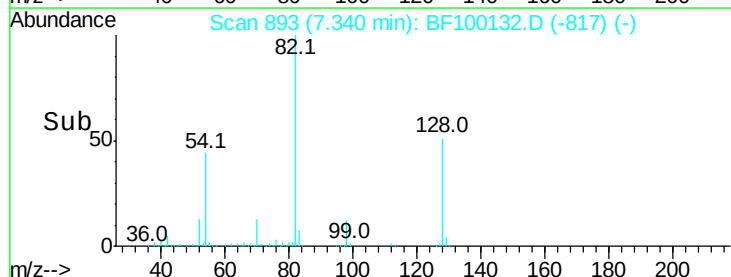


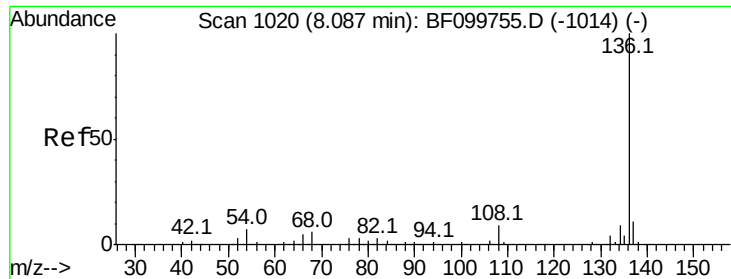
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

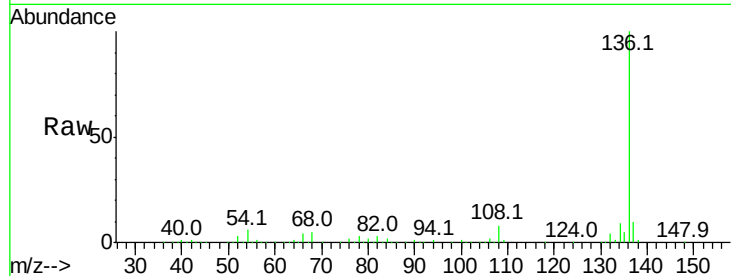




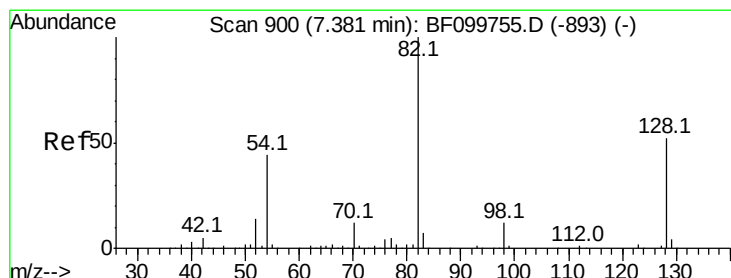
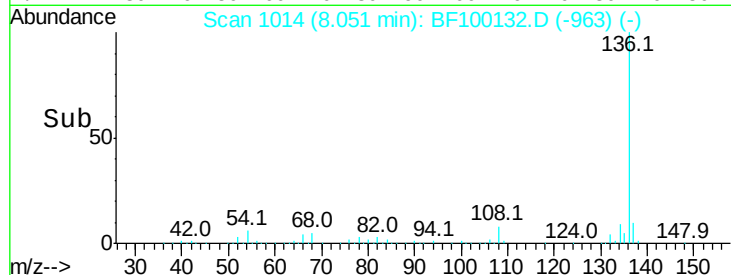
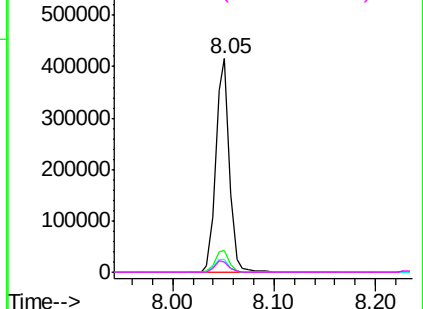
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	384324
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	6.0	6.6	9.8#
68	5.1	5.0	7.4

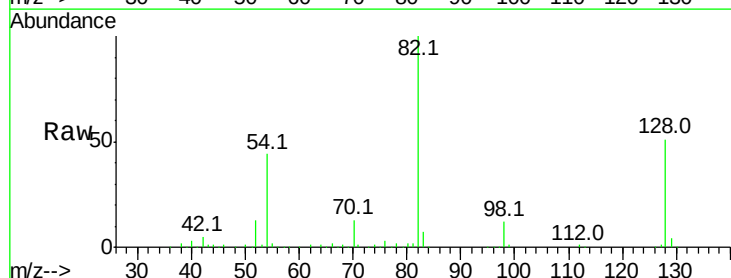


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

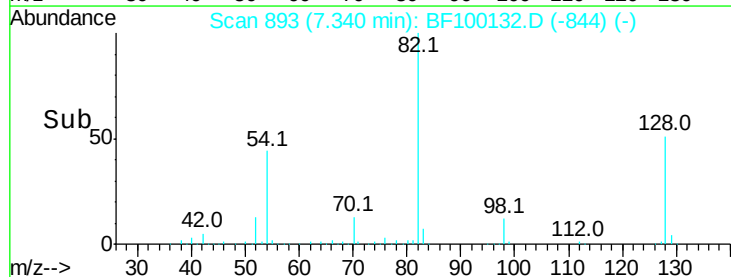
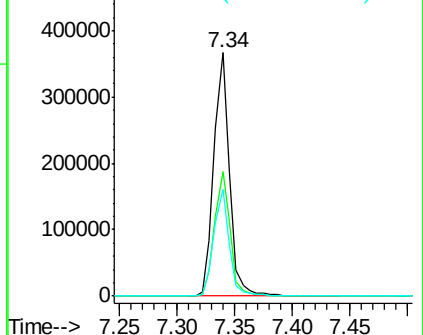


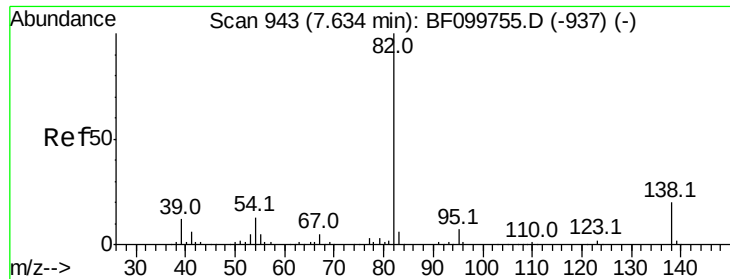
#23
Nitrobenzene-d5
Concen: 57.966 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Tgt Ion:	82	Resp:	346034
Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	43.9	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.944 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

Instrument :

BNA_F

ClientSampled :

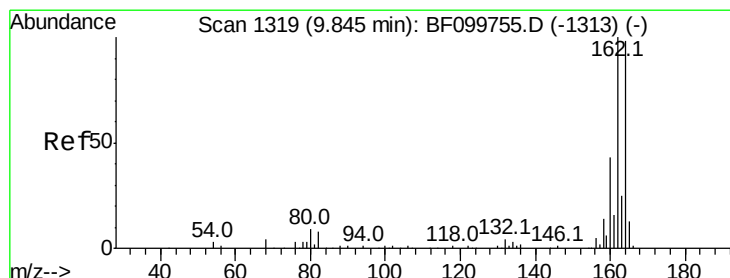
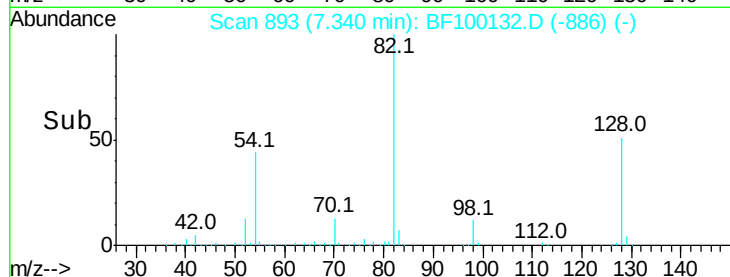
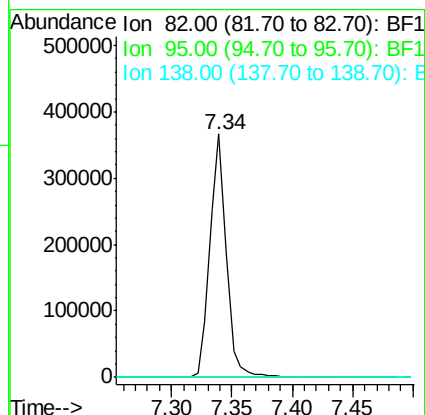
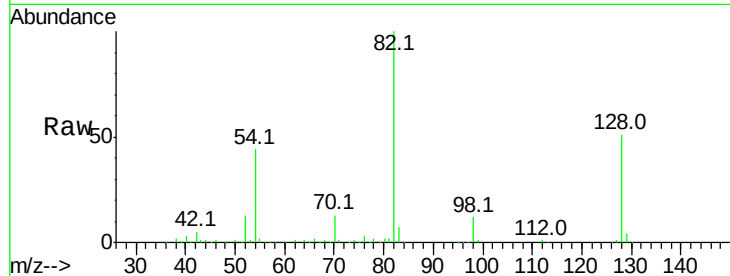
Tot Ion: 82 Resp: 346030

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

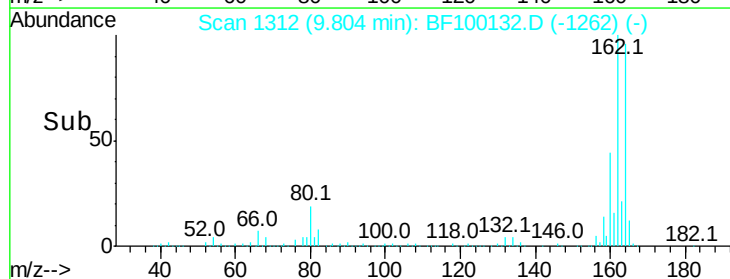
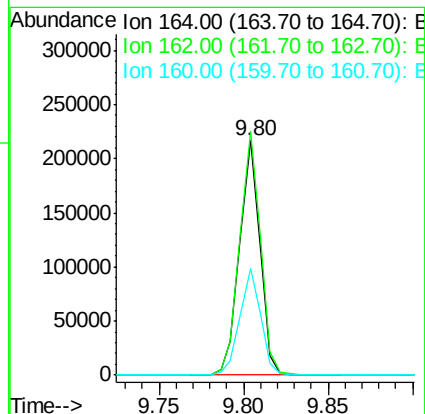
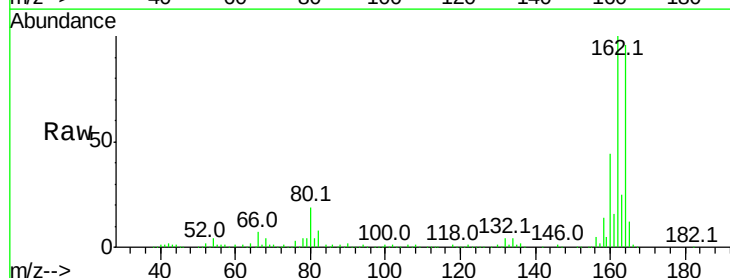
Tgt Ion:164 Resp: 182136

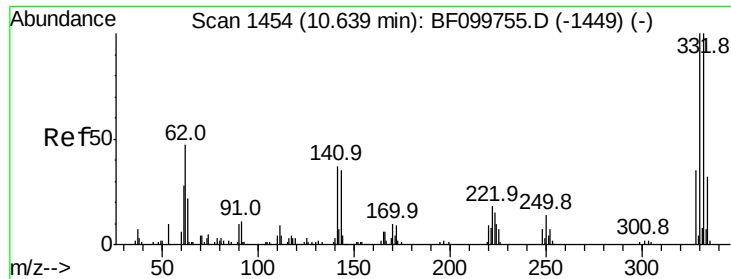
Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

160 45.3 38.3 57.5

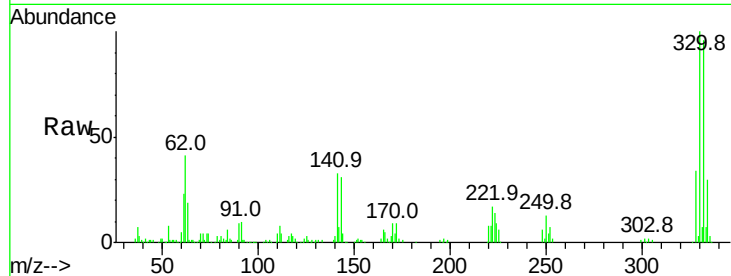




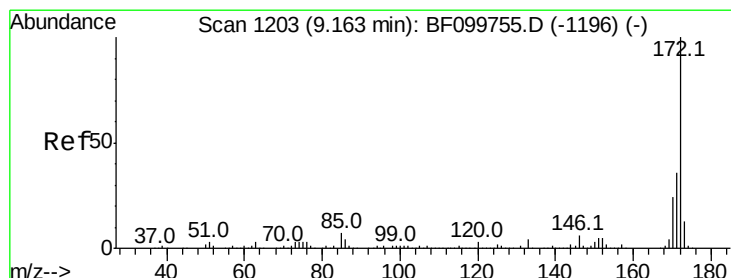
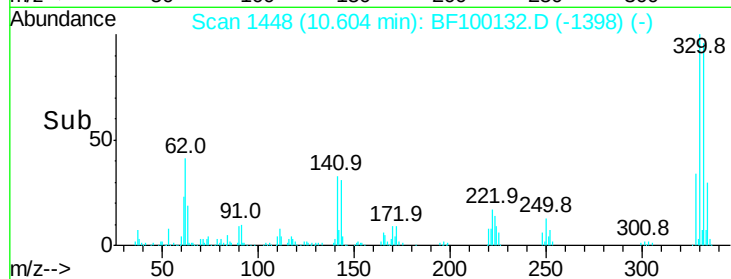
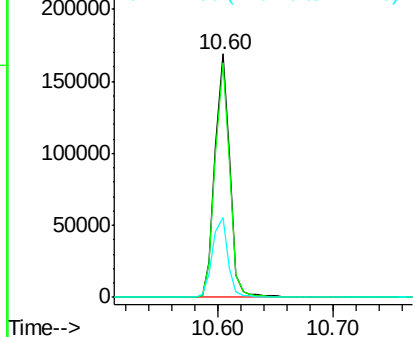
#41
 2,4,6-Tribromophenol
 Concen: 91.130 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100132.D
 Acq: 3 Nov 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 151261
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 34.0 29.9 44.9

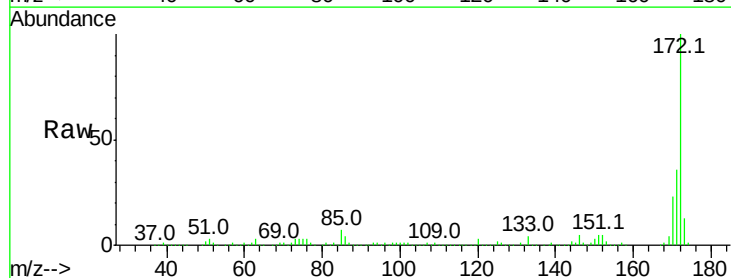


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

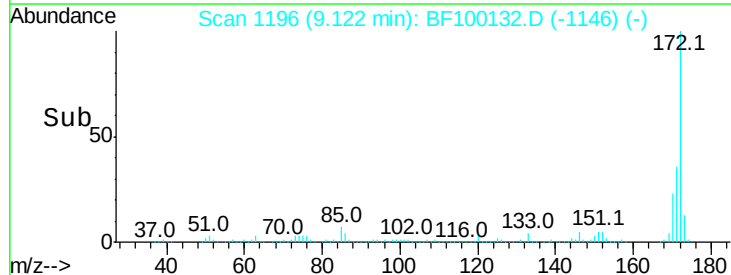
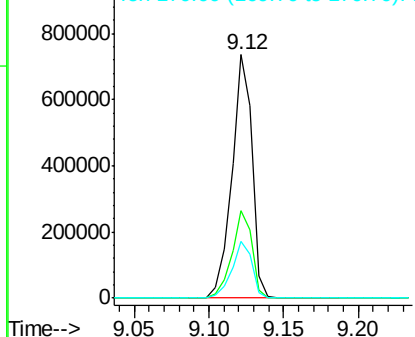


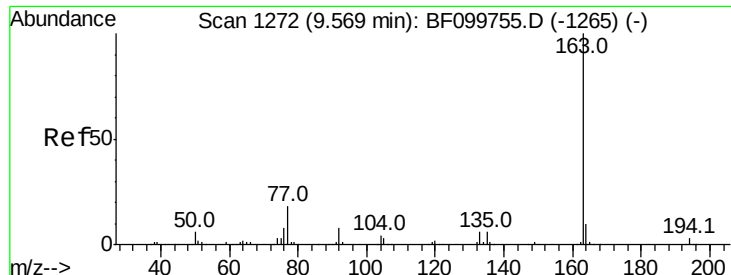
#44
 2-Fluorobiphenyl
 Concen: 59.475 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100132.D
 Acq: 3 Nov 2017 14:14

Tgt Ion:172 Resp: 702118
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.3 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

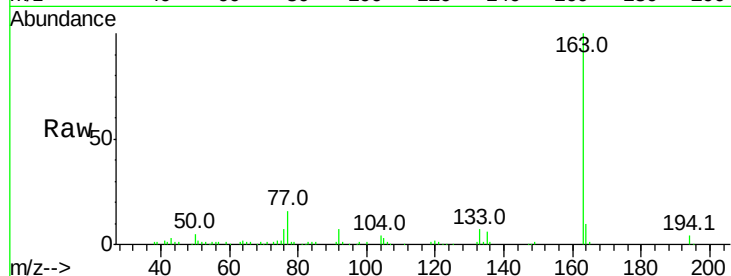




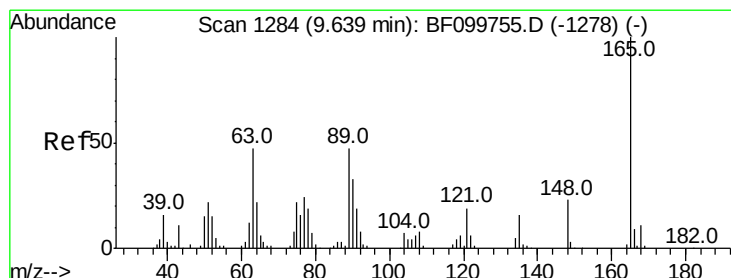
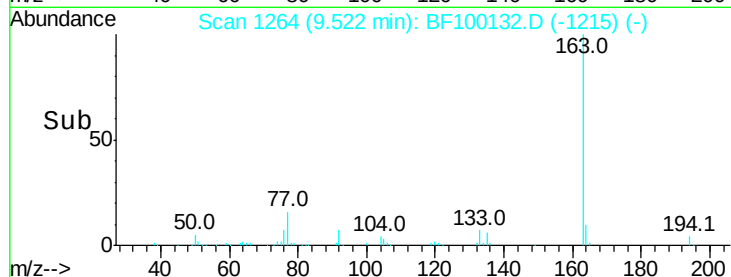
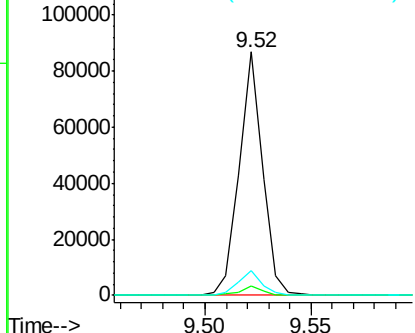
#49
Dimethylphthalate
Concen: 4.593 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 66252
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

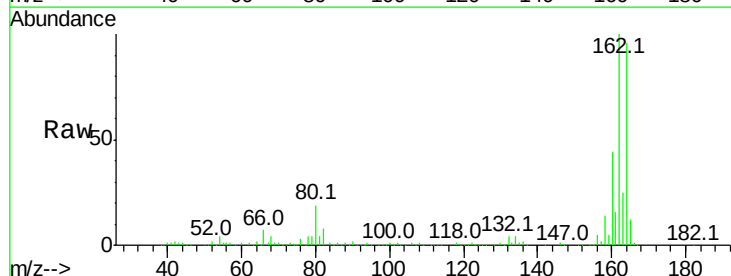


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

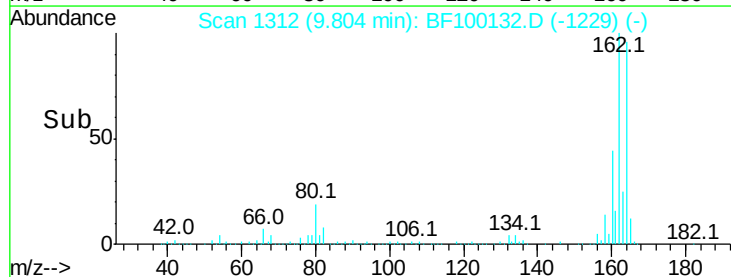
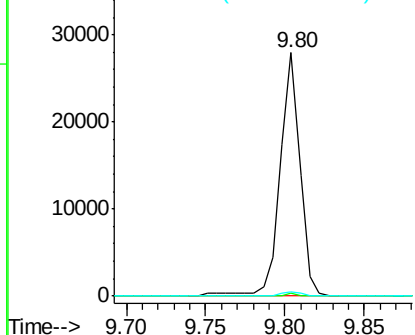


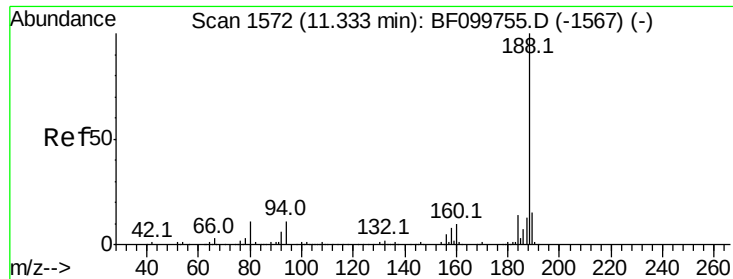
#50
2,6-Dinitrotoluene
Concen: 8.060 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Tgt Ion:165 Resp: 24439
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.8 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

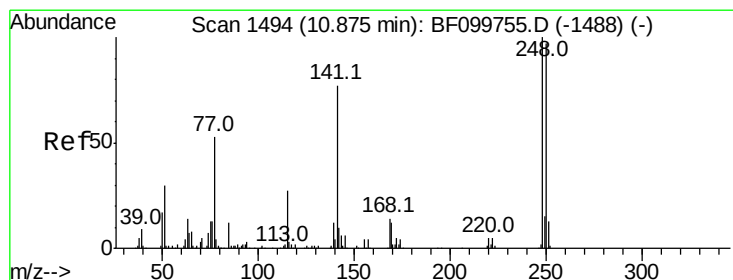
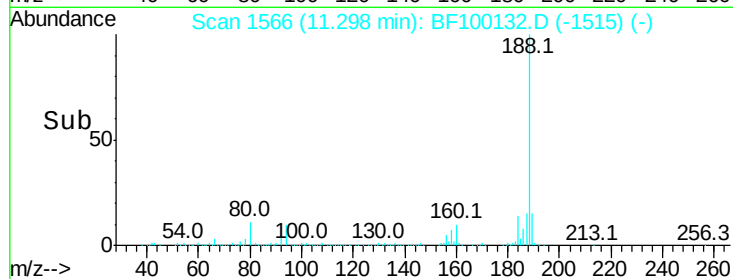
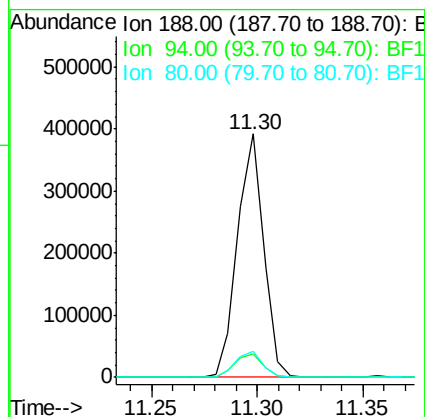
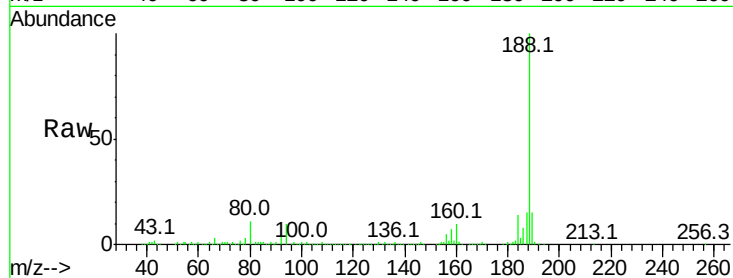




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

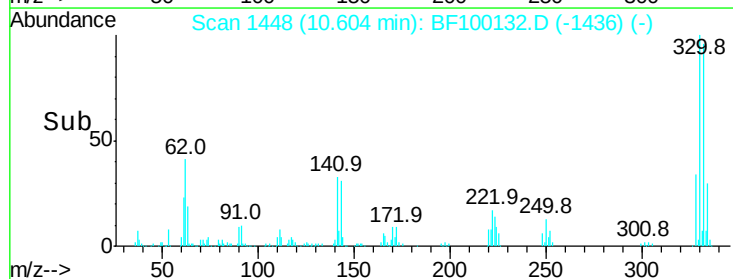
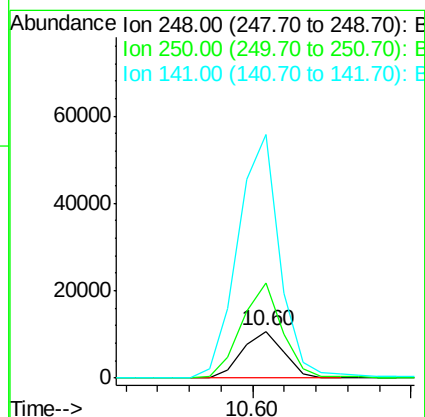
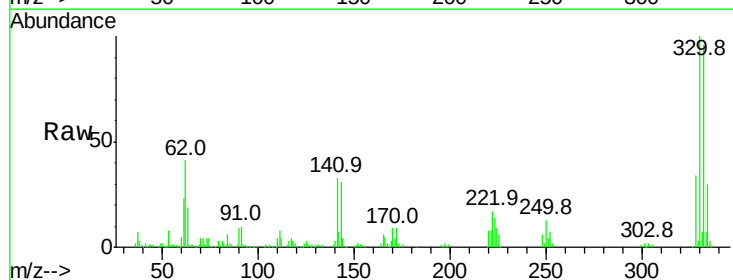
Instrument :
BNA_F
ClientSampleId :

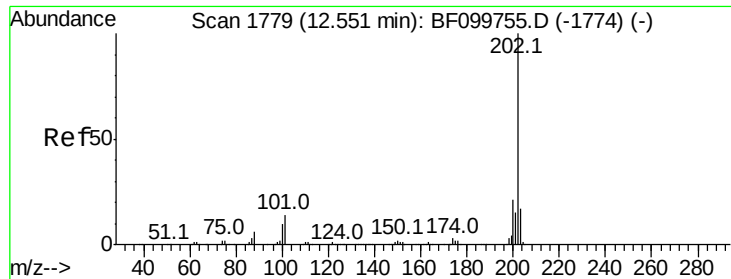
Tot Ion:188 Resp: 335140
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.726 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.23 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Tgt Ion:248 Resp: 9619
Ion Ratio Lower Upper
248 100
250 202.5 76.9 115.3#
141 519.7 74.4 111.6#





#74

Fluoranthene

Concen: 2.543 ng

RT: 12.52 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

Instrument :

BNA_F

ClientSampleId :

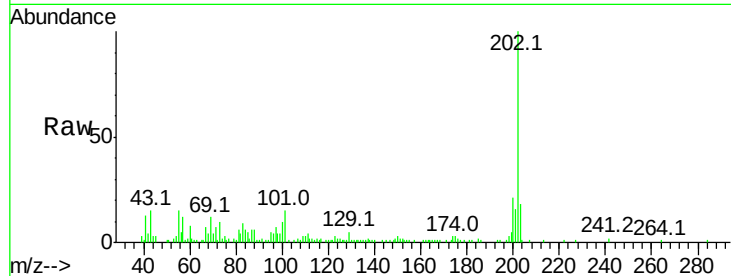
Tot Ion:202 Resp: 49990

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

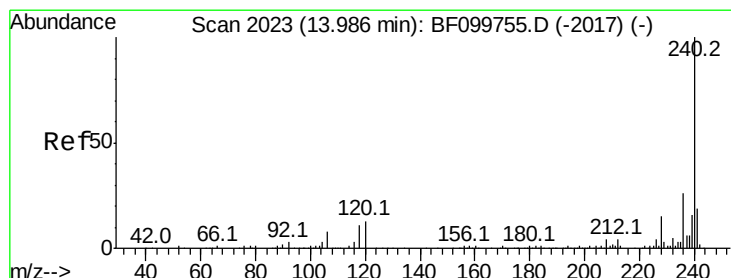
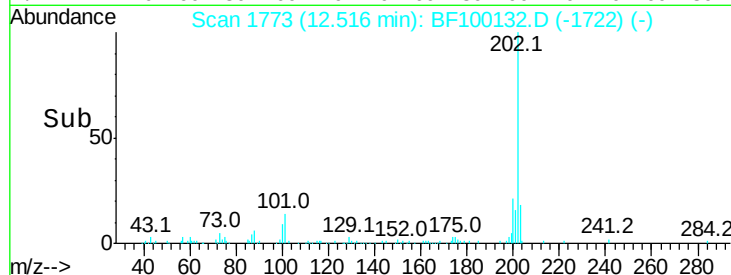
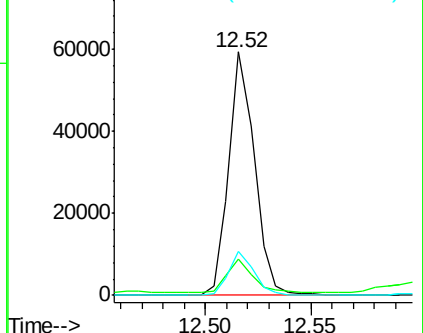
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF100132.D

Acq: 3 Nov 2017 14:14

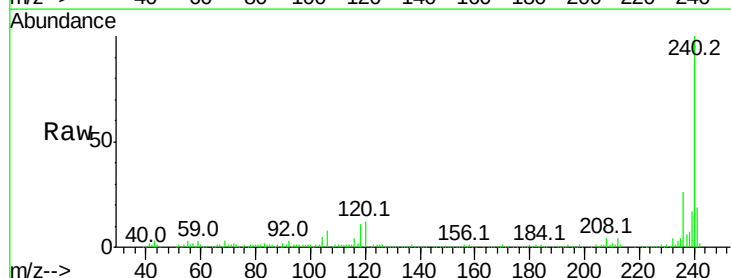
Tgt Ion:240 Resp: 215234

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

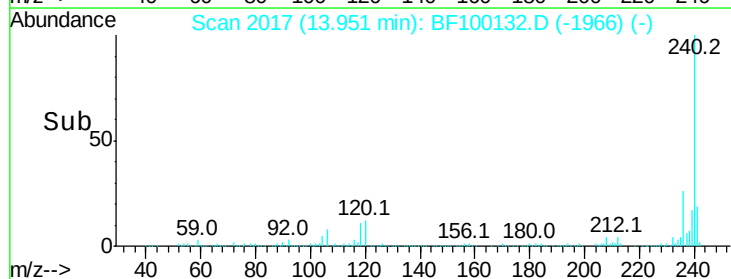
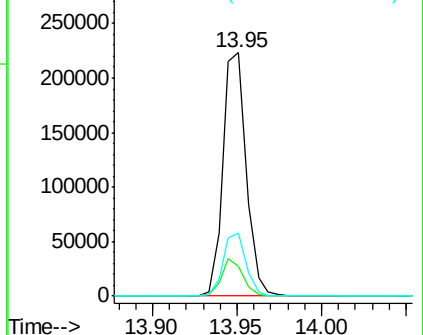
236 26.0 20.7 31.1

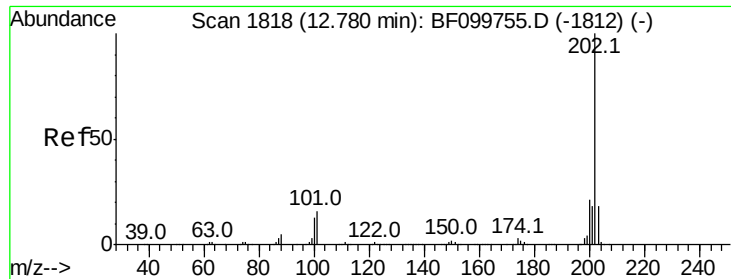


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

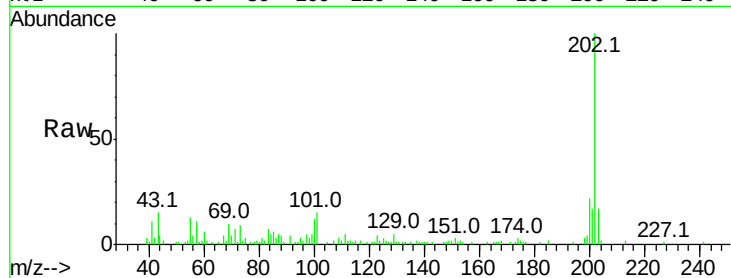




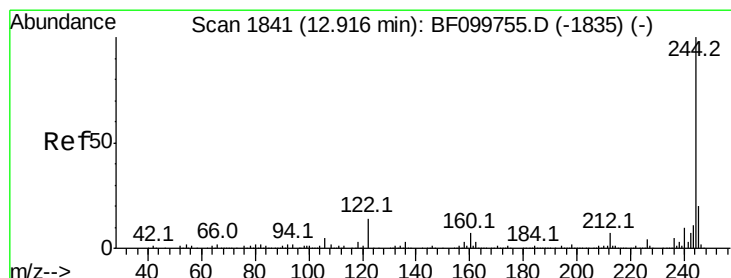
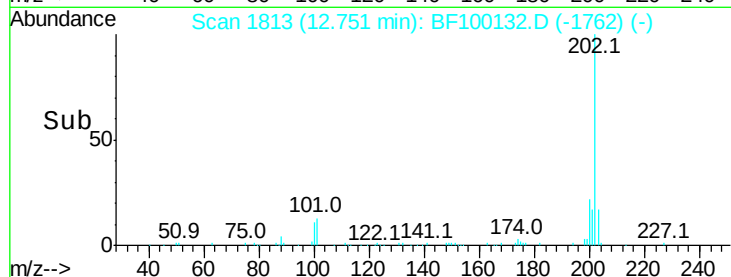
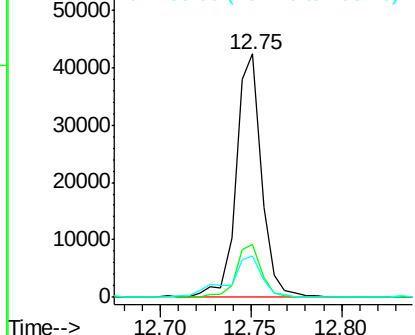
#77
Pvrene
Concen: 2.513 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 41131
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 16.8 14.3 21.5

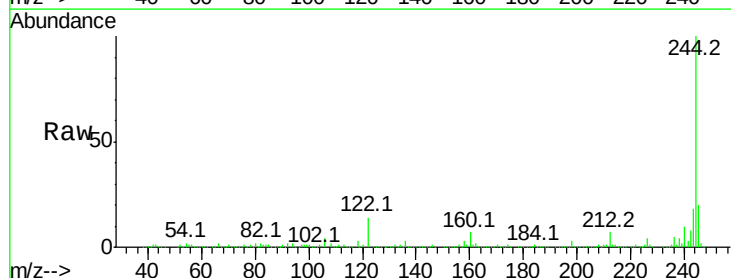


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

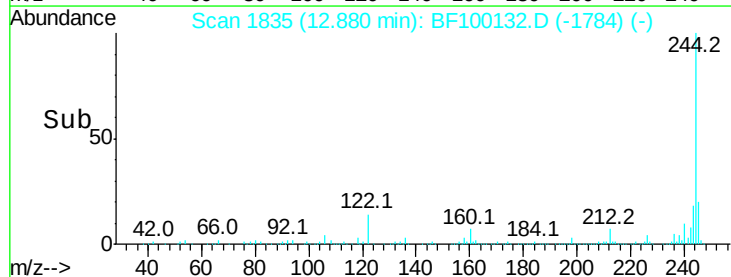
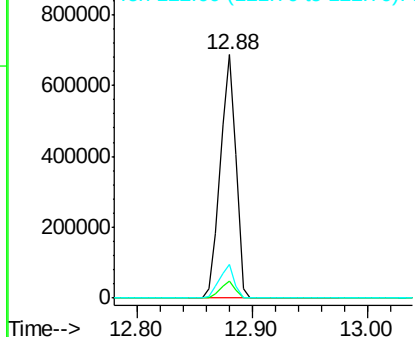


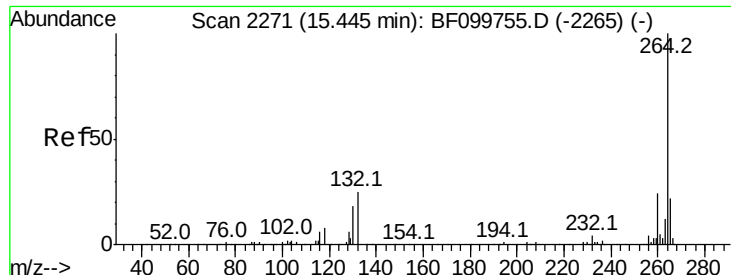
#78
Terphenyl-d14
Concen: 65.371 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Tgt Ion:244 Resp: 643827
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.8 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

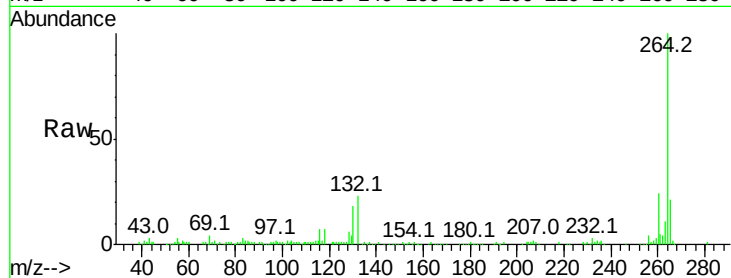




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF100132.D
Acq: 3 Nov 2017 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	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

