

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101231.D
 Acq On : 8 Dec 2017 3:53
 Operator : SJ/JU
 Sample : I6732-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 05:09:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

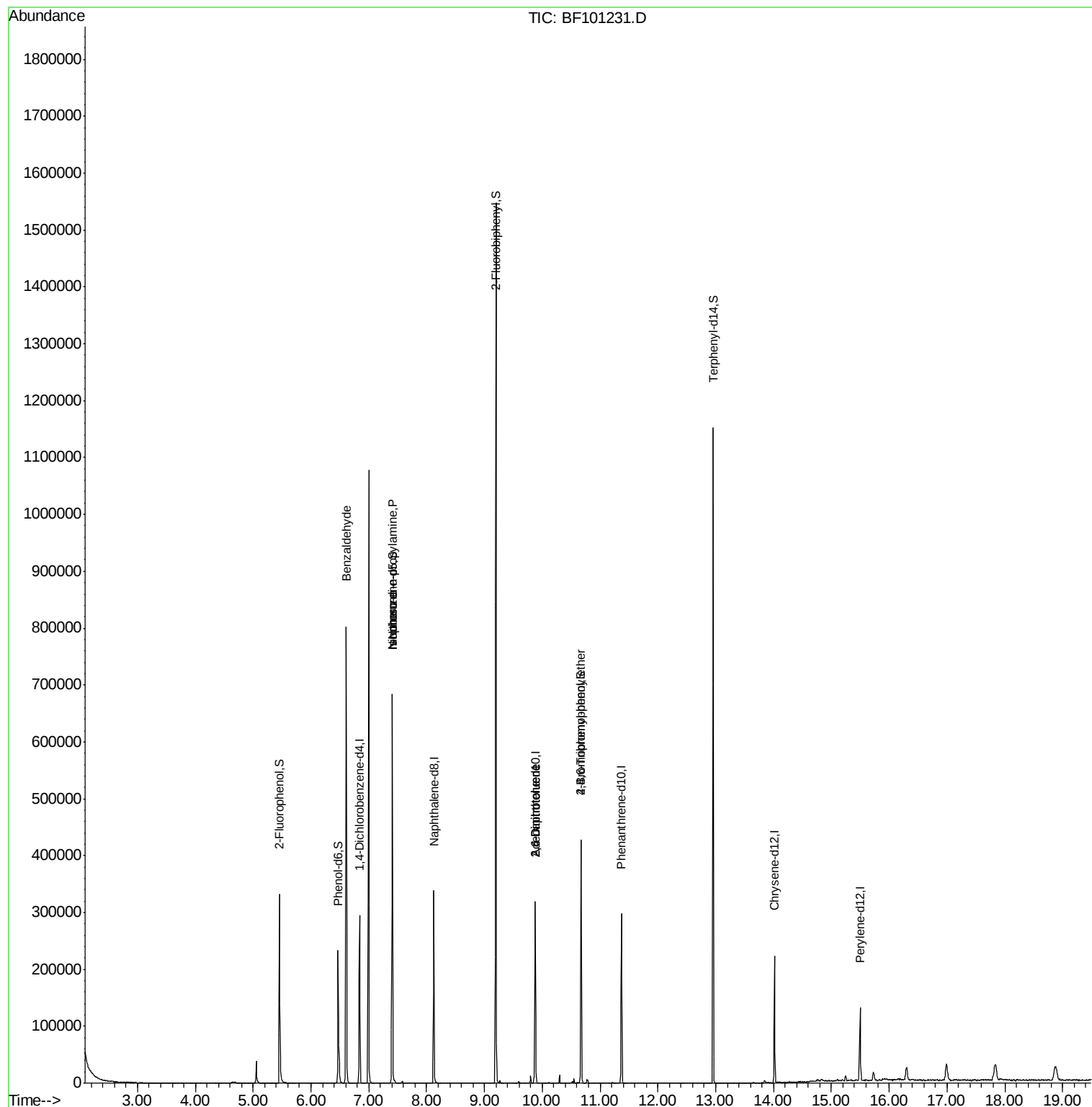
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	41248	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	146557	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	59226	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	100914	20.00	ng	0.00
75) Chrysene-d12	14.02	240	82356	20.00	ng	0.00
86) Perylene-d12	15.50	264	65486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	104032	41.68	ng	0.00
7) Phenol-d6	6.47	99	78532	25.91	ng	-0.01
23) Nitrobenzene-d5	7.41	82	226274	92.10	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	53485	75.18	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	470941	108.79	ng	-0.01
78) Terphenyl-d14	12.96	244	353118	93.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	4062	2.190	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	29410	14.410	ng	# 79
25) Isophorone	7.41	82	226307	53.927	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	7254	7.211	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	7254	5.380	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	3305	2.926	ng	# 1

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

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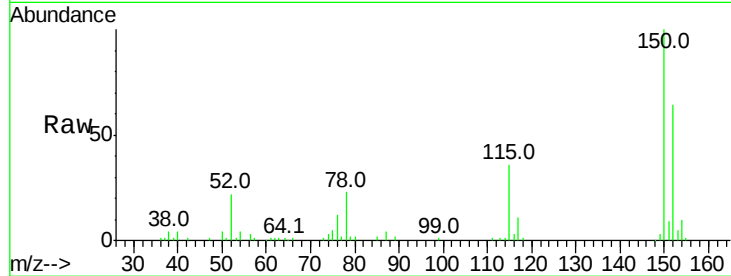


#1

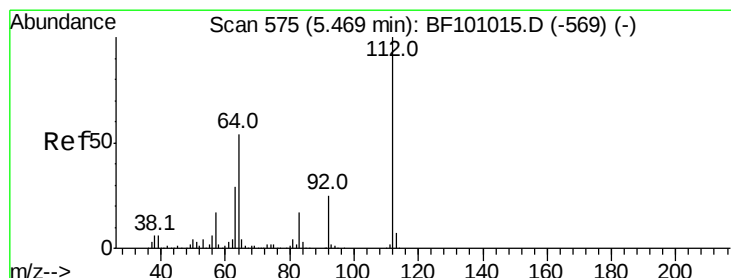
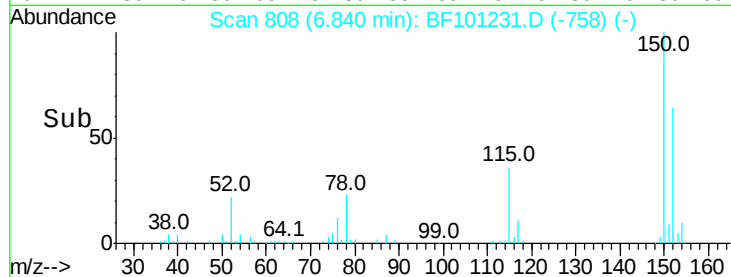
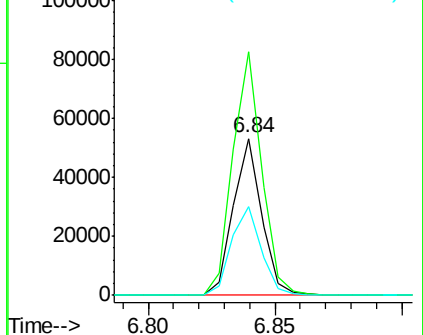
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 41248
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 56.5 50.1 75.1



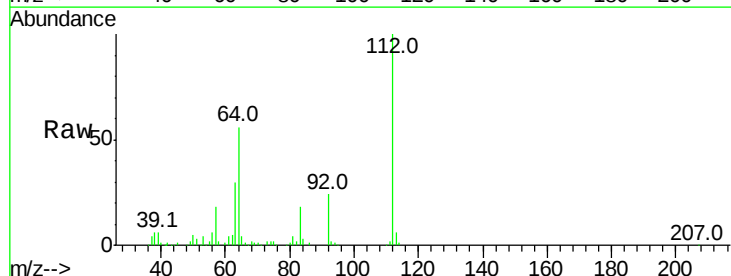
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



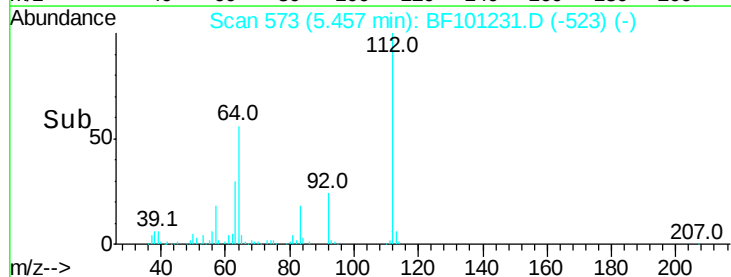
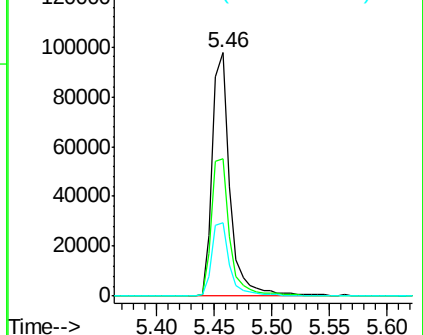
#5

2-Fluorophenol
Concen: 41.676 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

Tgt Ion:112 Resp: 104032
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 30.3 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: 25.913 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101231.D

Acq: 8 Dec 2017 3:53

Instrument :

BNA_F

ClientSampled :

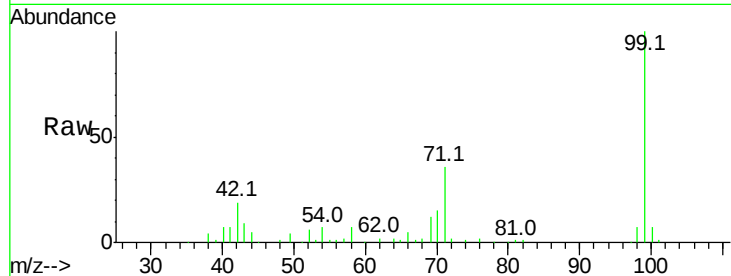
Tot Ion: 99 Resp: 78532

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

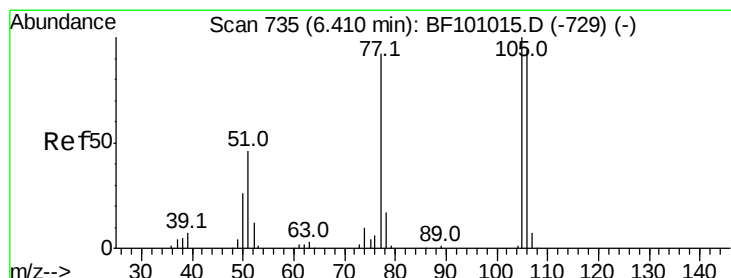
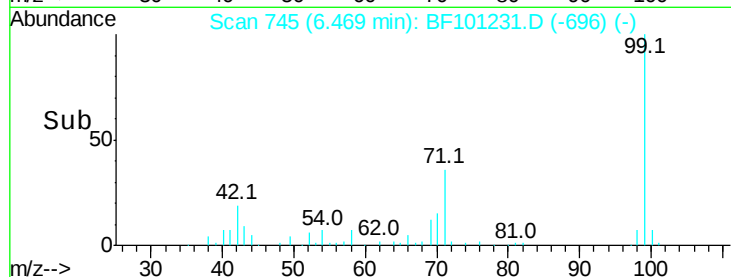
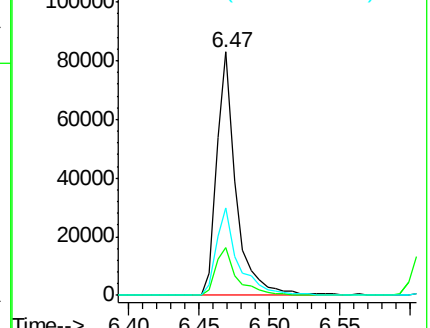
71 35.9 25.4 38.0



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: 2.190 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.21 min

Lab File: BF101231.D

Acq: 8 Dec 2017 3:53

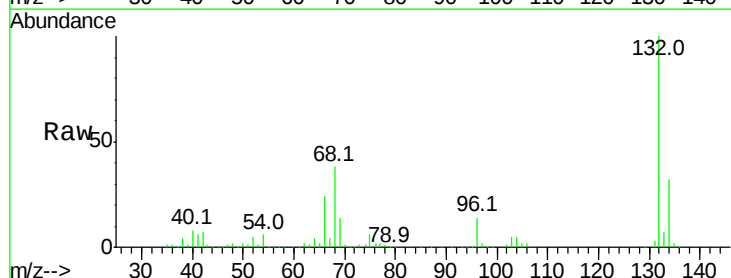
Tgt Ion: 77 Resp: 4062

Ion Ratio Lower Upper

77 100

105 88.9 81.1 121.1

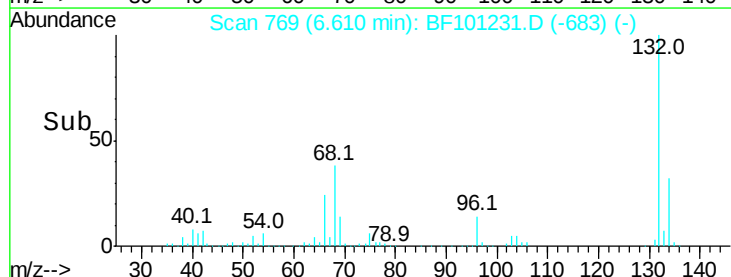
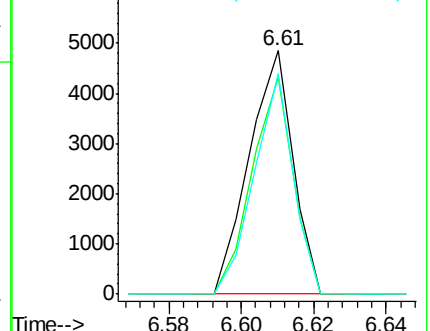
106 90.6 74.5 114.5

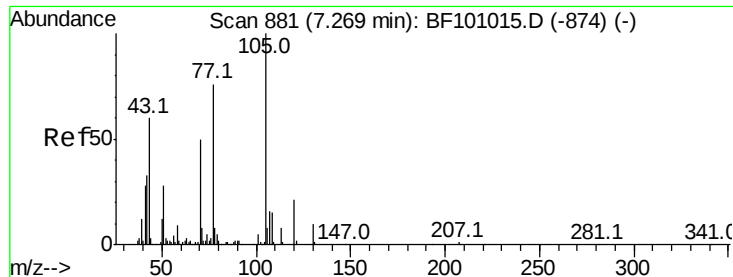


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

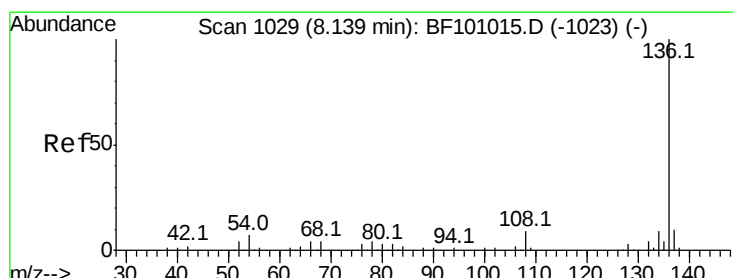
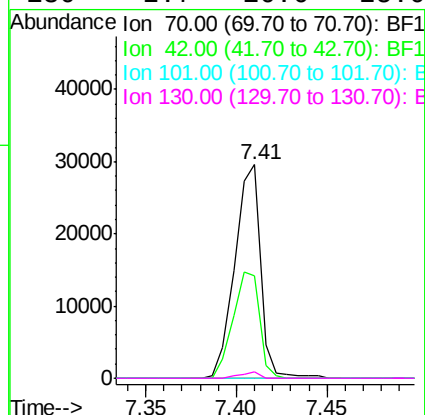
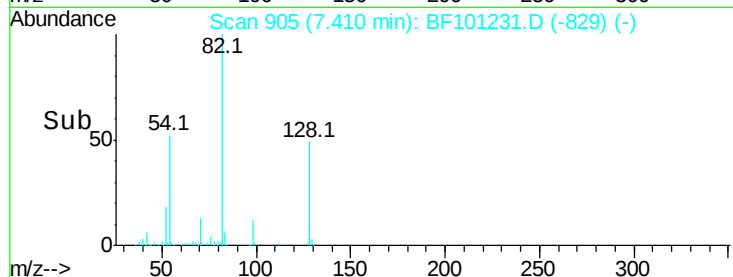
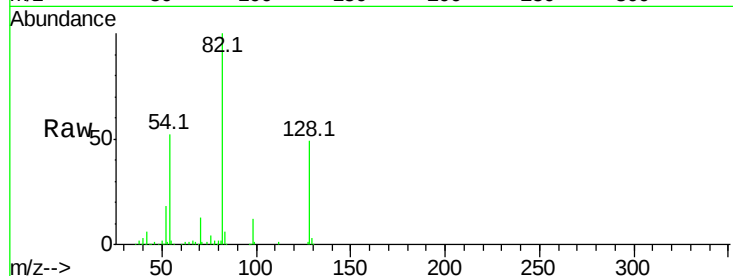




#19
n-Nitroso-di-n-propylamine
Concen: 14.410 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

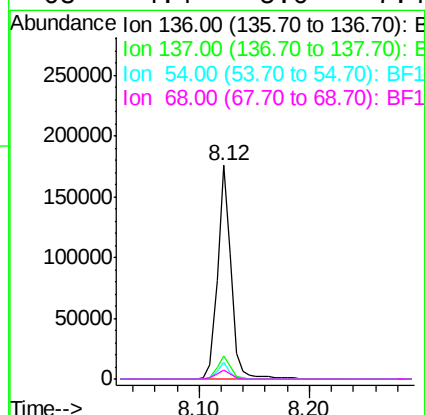
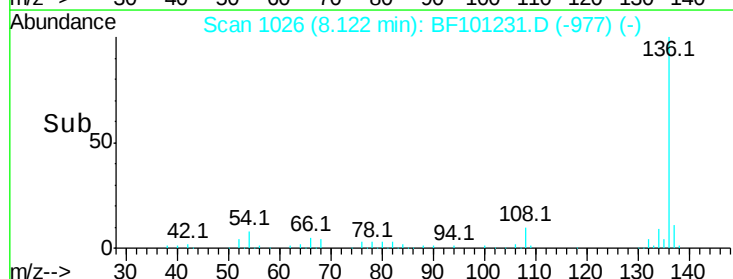
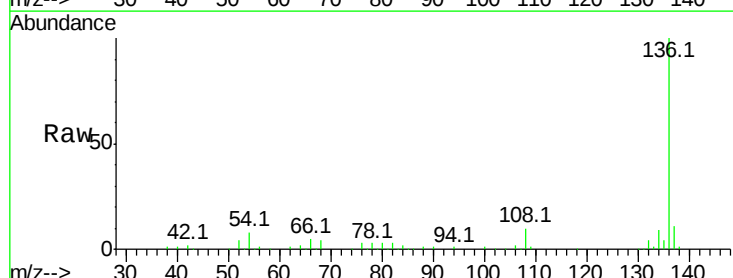
Instrument :
BNA_F
ClientSampleId :

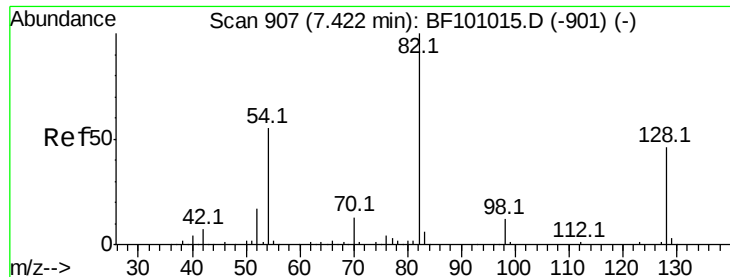
Tot Ion: 70 Resp: 29410
Ion Ratio Lower Upper
70 100
42 48.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

Tgt Ion:136 Resp: 146557
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.7 6.6 9.8
68 4.4 5.0 7.4#

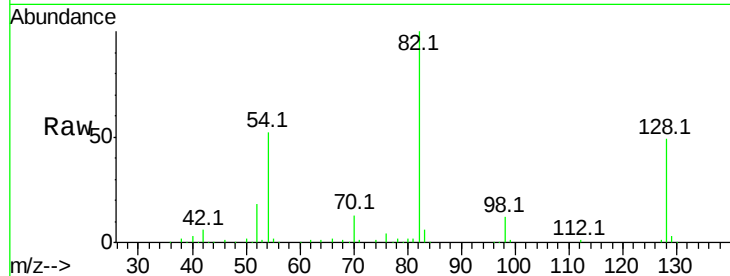




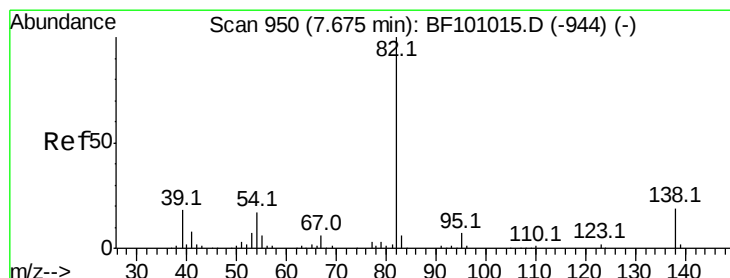
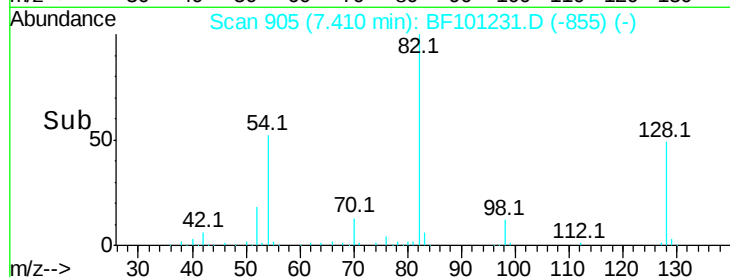
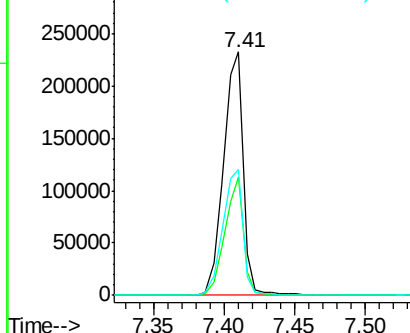
#23
Nitrobenzene-d5
Concen: 92.100 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	226274
Ion Ratio	Lower	Upper	
82	100		
128	48.5	36.1	54.1
54	51.8	41.4	62.2

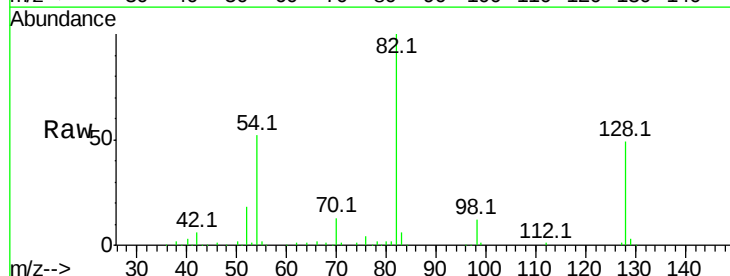


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

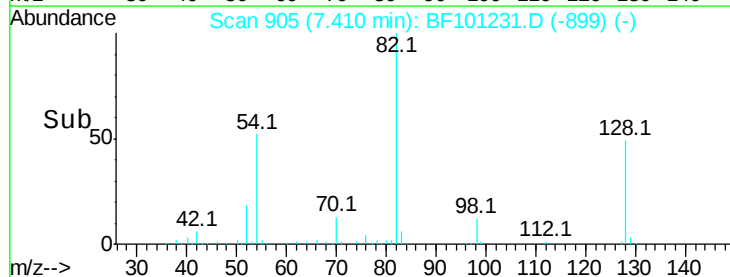
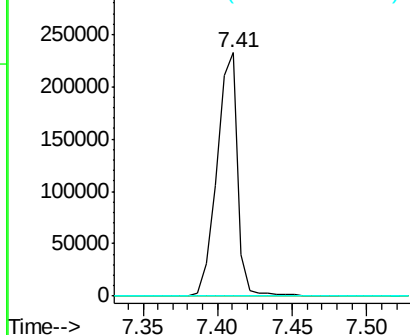


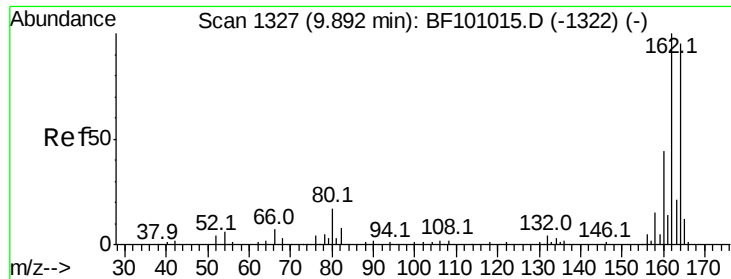
#25
Isophorone
Concen: 53.927 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

Tgt Ion	82	Resp	226307
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

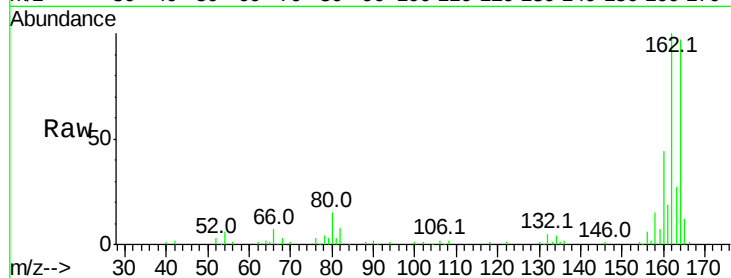




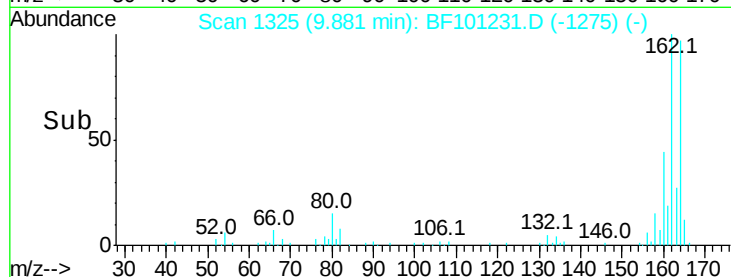
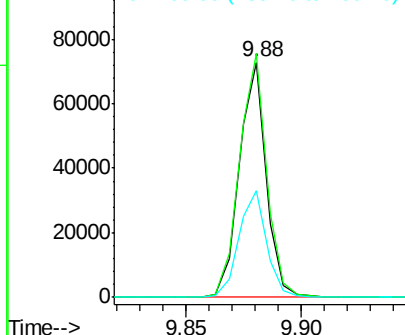
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 59226
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 45.5 38.3 57.5

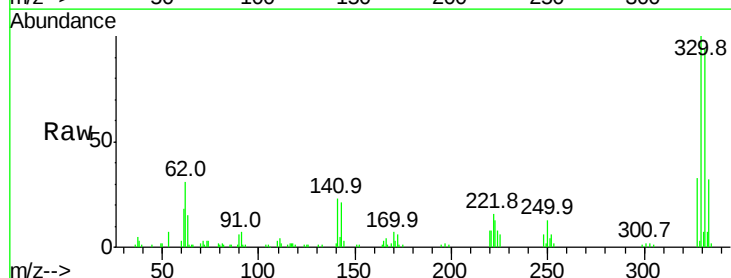


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

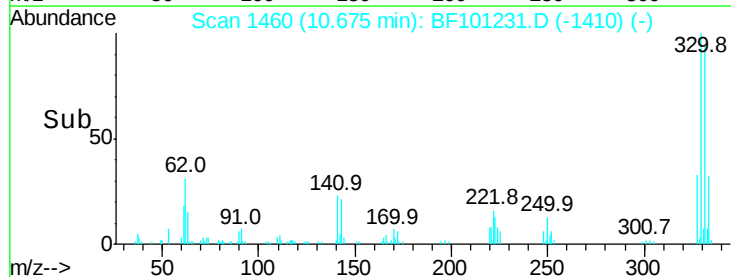
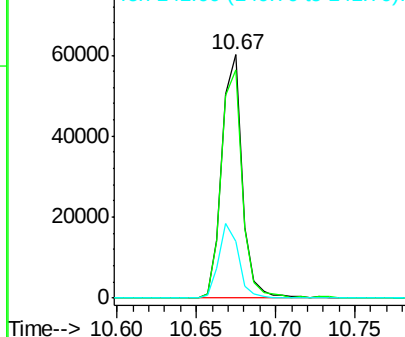


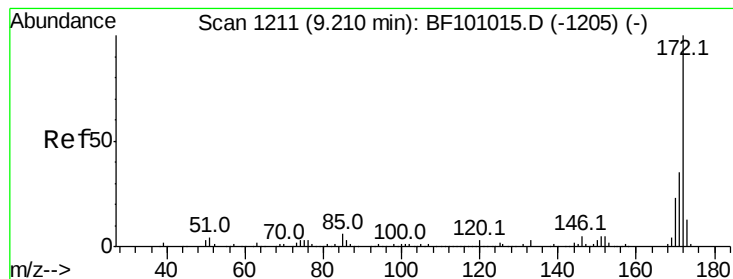
#41
2,4,6-Tribromophenol
Concen: 75.175 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101231.D
Acq: 8 Dec 2017 3:53

Tgt Ion:330 Resp: 53485
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 29.7 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: 108.794 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF101231.D

Acq: 8 Dec 2017 3:53

Instrument :

BNA_F

ClientSampleId :

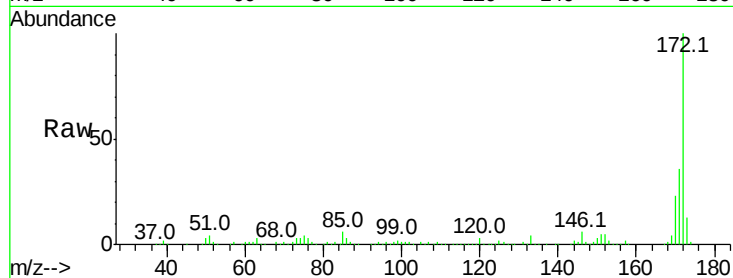
Tot Ion:172 Resp: 470941

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

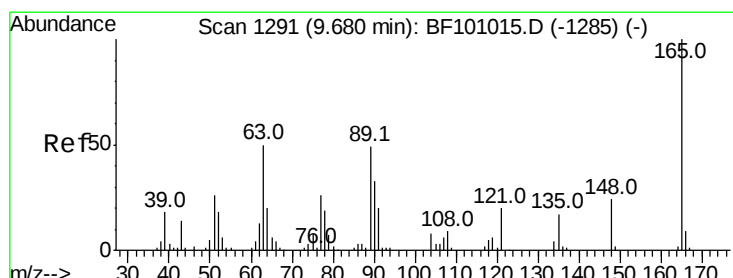
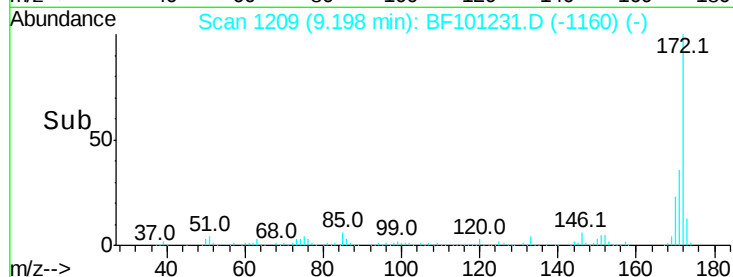
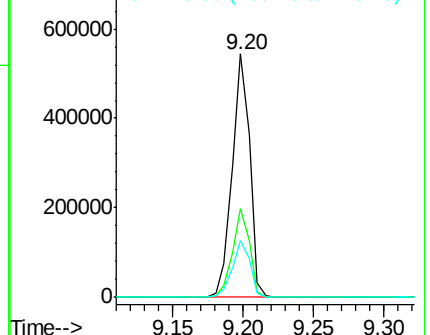
170 23.1 19.6 29.4



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: 7.211 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.21 min

Lab File: BF101231.D

Acq: 8 Dec 2017 3:53

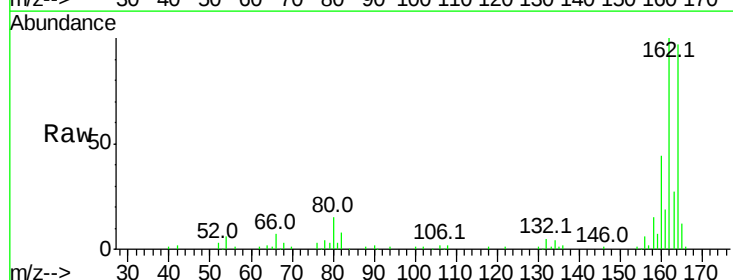
Tgt Ion:165 Resp: 7254

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

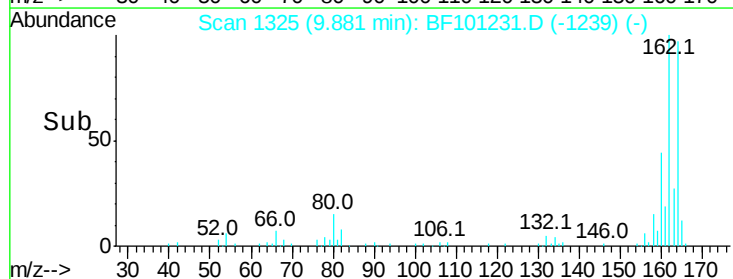
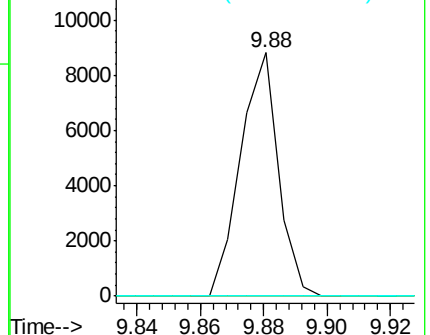
89 0.0 44.0 66.0#

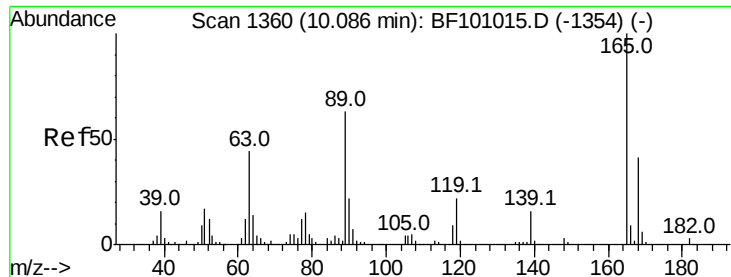


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

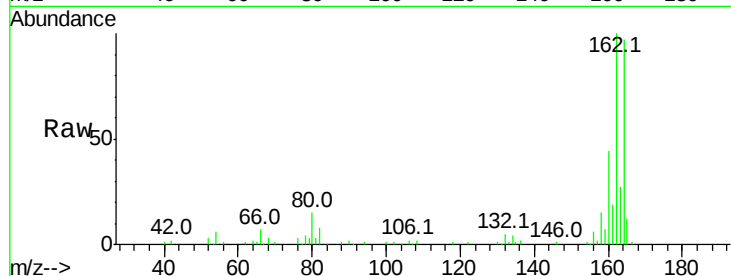




#56
 2,4-Dinitrotoluene
 Concen: 5.380 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	7254
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#

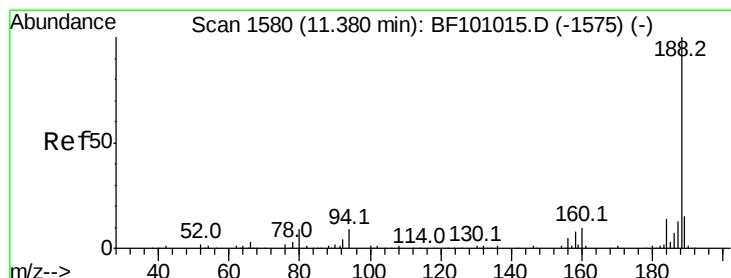
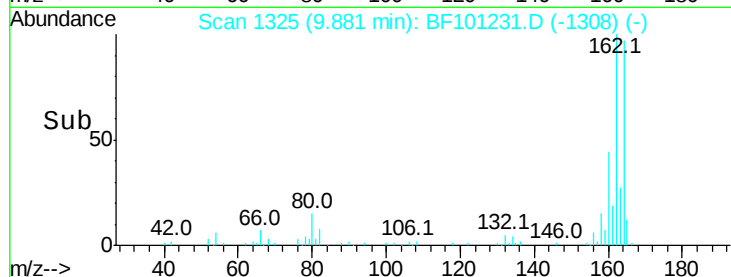
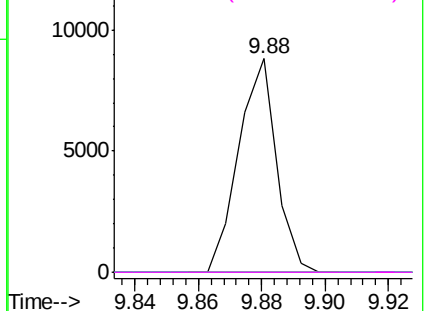


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

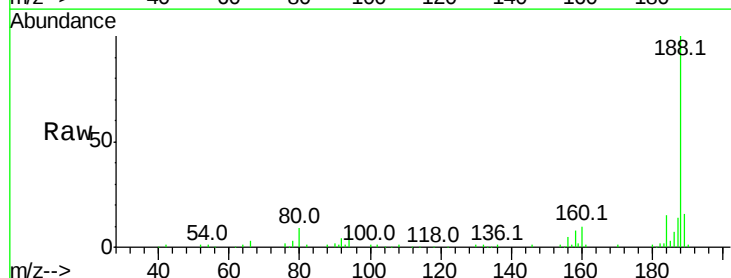
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

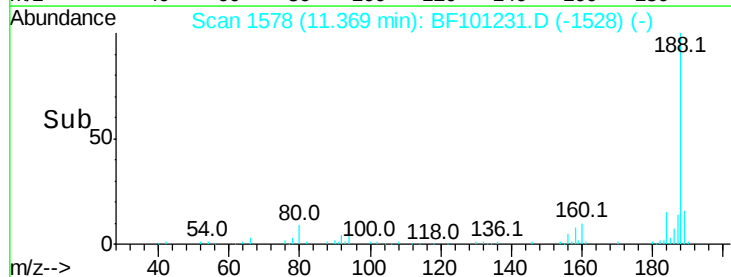
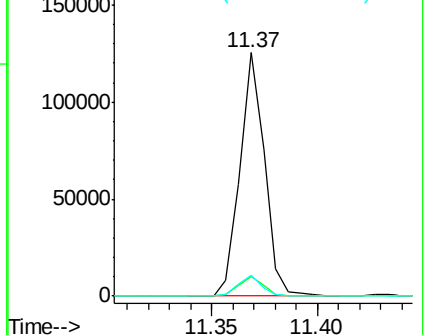
Tgt Ion:188	Resp:	100914
Ion Ratio	Lower	Upper
188	100	
94	8.2	8.5 12.7#
80	8.7	9.2 13.8#

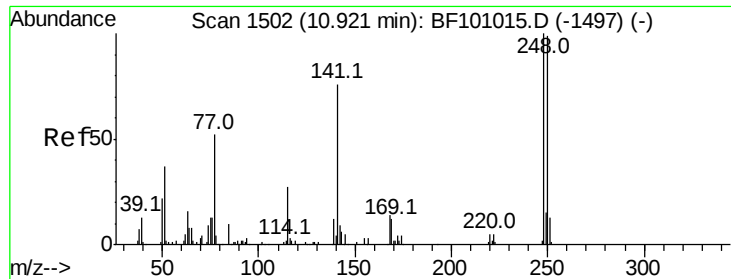


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

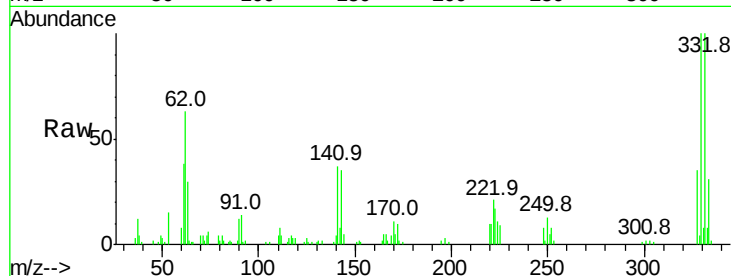




#66
 4-Bromophenyl-phenylether
 Concen: 2.926 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	176.9	76.9	115.3#
141	488.4	74.4	111.6#

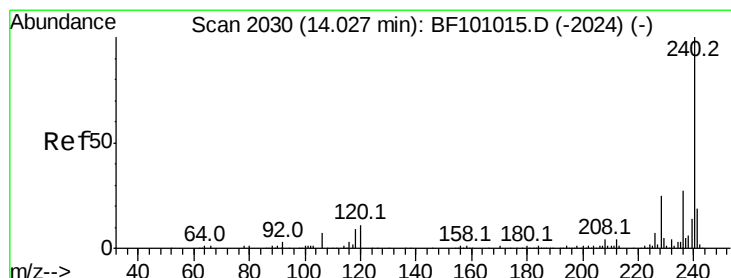
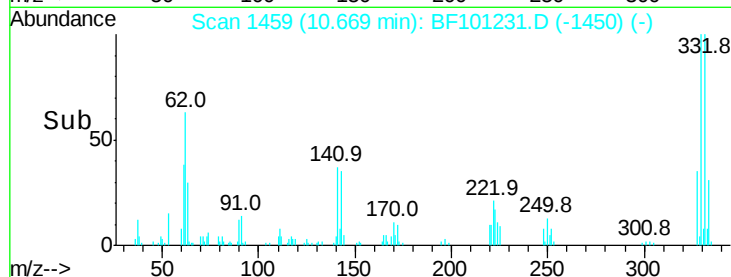
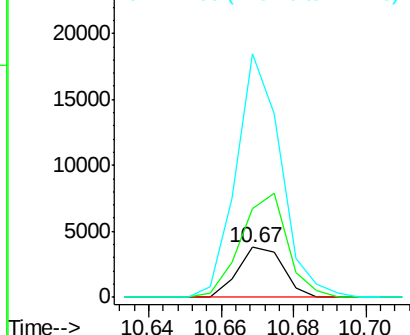


Abundance

Ion 248.00 (247.70 to 248.70): E

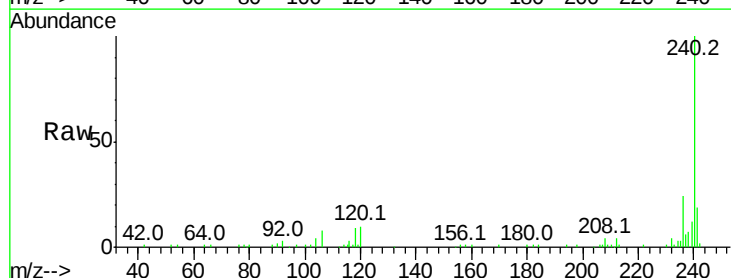
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	23.6	20.7	31.1

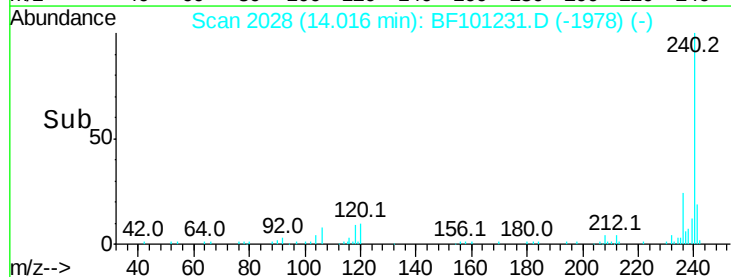
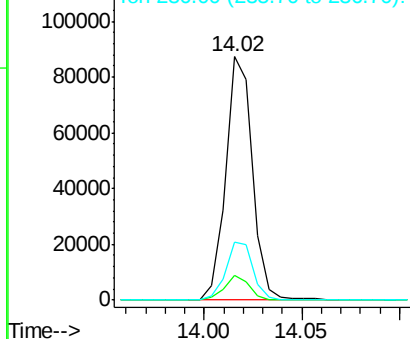


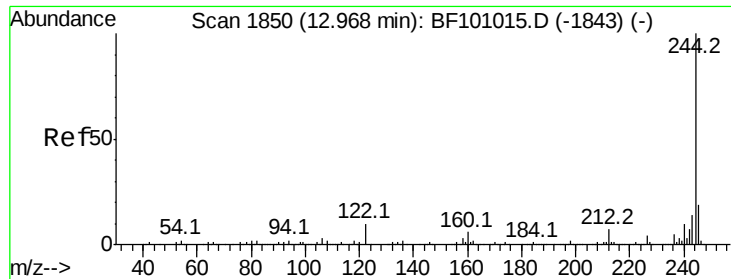
Abundance

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

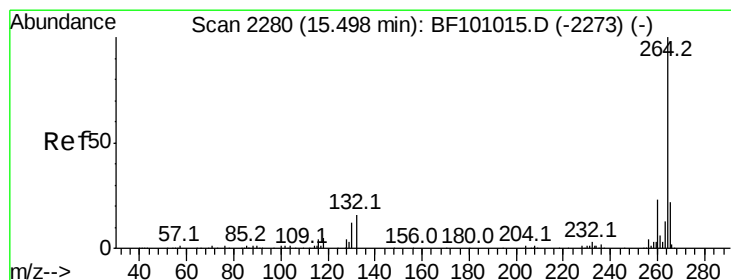
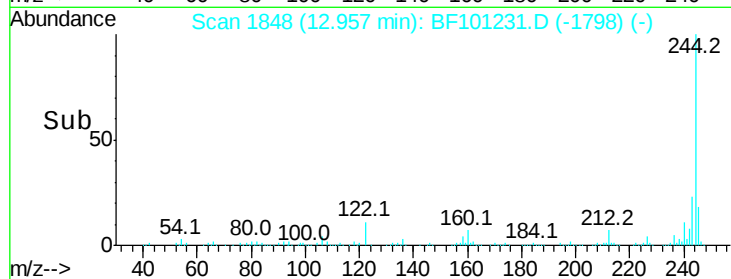
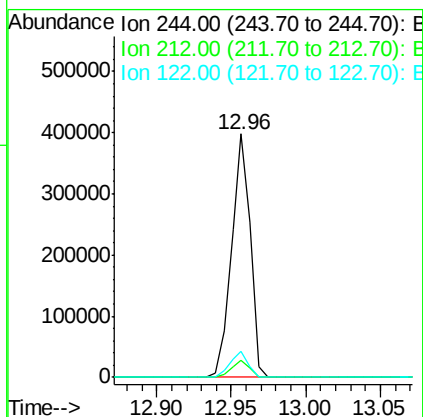
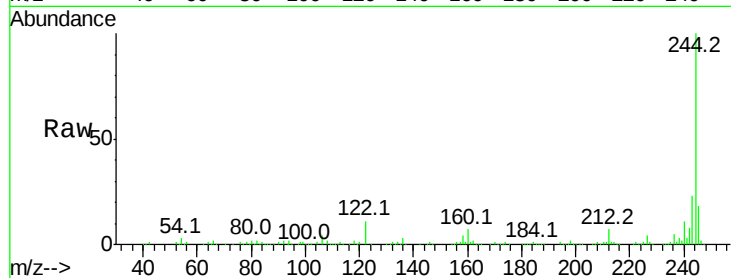




#78
 Terphenyl-d14
 Concen: 93.783 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 353118
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101231.D
 Acq: 8 Dec 2017 3:53

Tgt Ion:264 Resp: 65486
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 17.5 26.3

