

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101102.D
 Acq On : 4 Dec 2017 17:09
 Operator : SJ/JU
 Sample : I6701-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 05 00:20:47 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

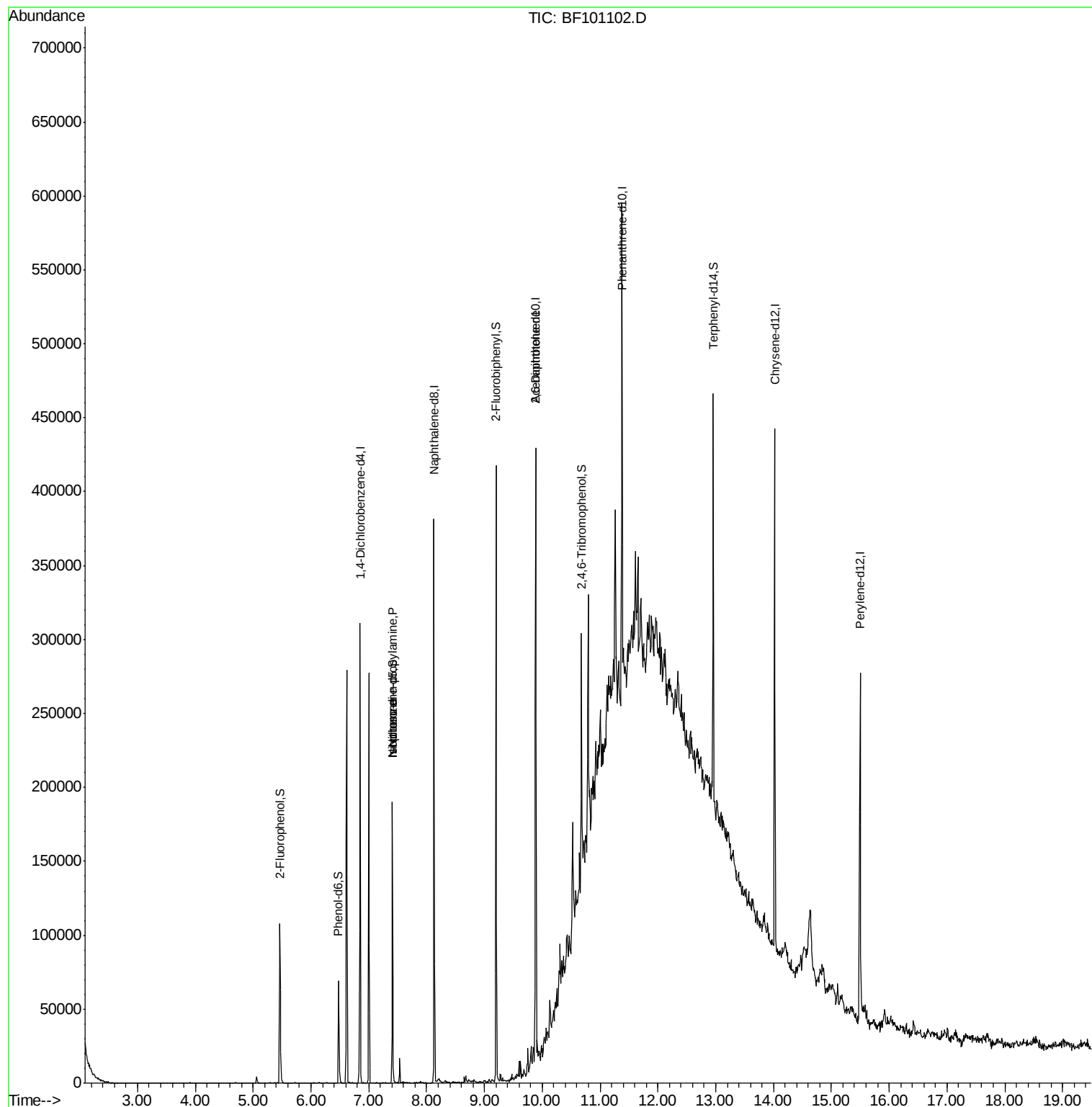
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	47731	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	177404	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	75353	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	115089	20.00	ng	0.00
75) Chrysene-d12	14.02	240	113726	20.00	ng	0.00
86) Perylene-d12	15.50	264	109926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	34140	11.82	ng	0.00
7) Phenol-d6	6.47	99	24750	7.06	ng	0.00
23) Nitrobenzene-d5	7.41	82	53857	18.11	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	19243	21.26	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	128429	23.32	ng	0.00
78) Terphenyl-d14	12.96	244	88005	16.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	7171	3.036	ng	# 82
25) Isophorone	7.41	82	53856	10.602	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	9832	7.681	ng	# 26

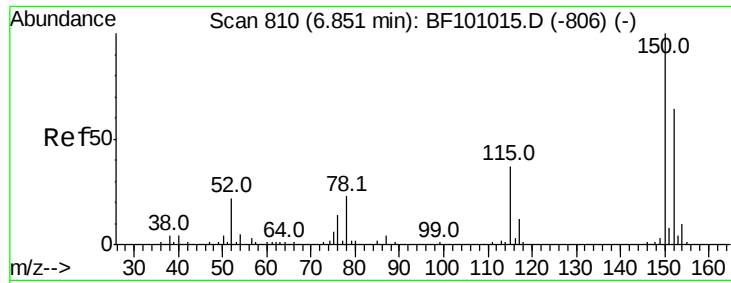
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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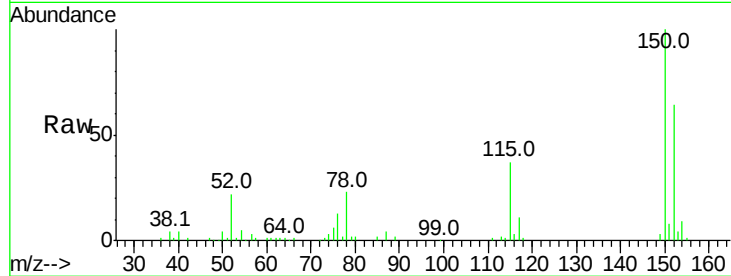


#1

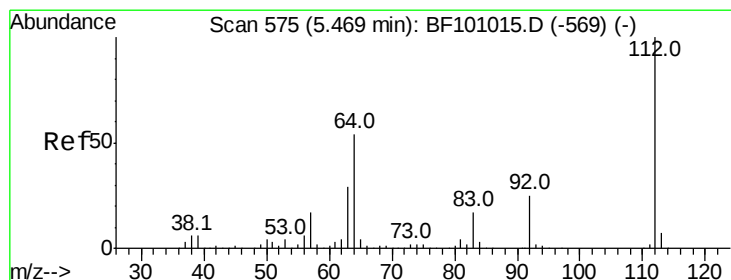
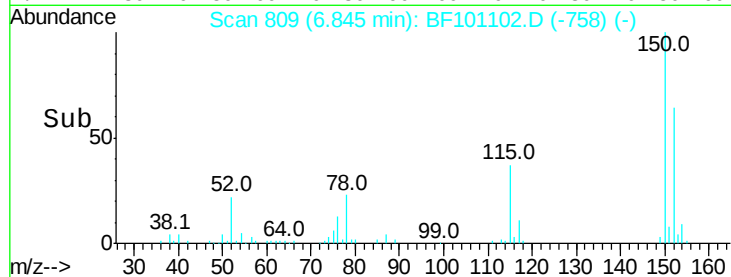
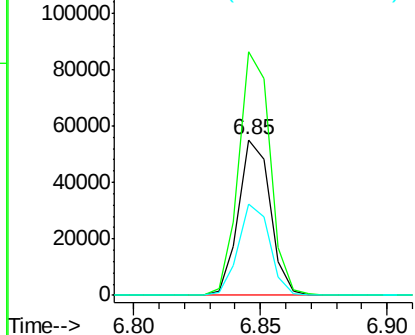
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 47731
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 58.5 50.1 75.1



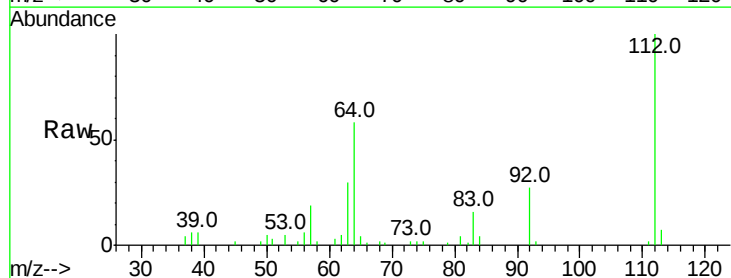
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



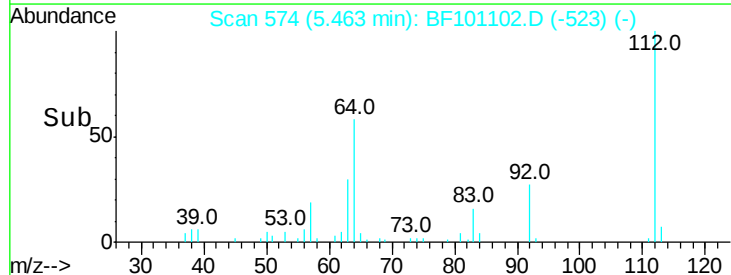
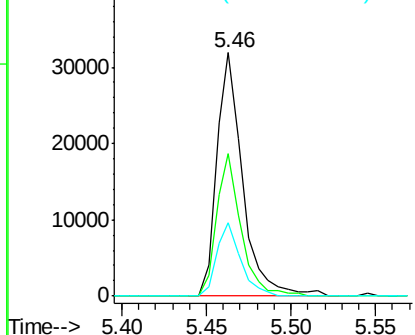
#5

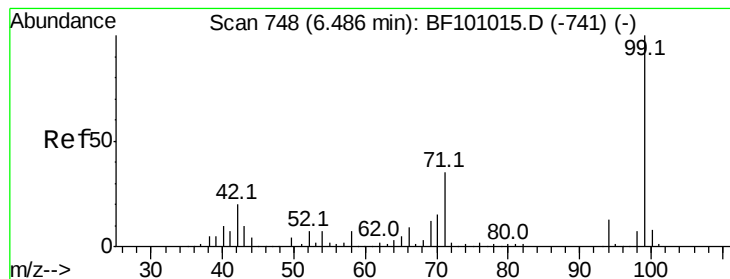
2-Fluorophenol
Concen: 11.819 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion:112 Resp: 34140
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 29.9 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: 7.057 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101102.D

Acq: 4 Dec 2017 17:09

Instrument :

BNA_F

ClientSampleId :

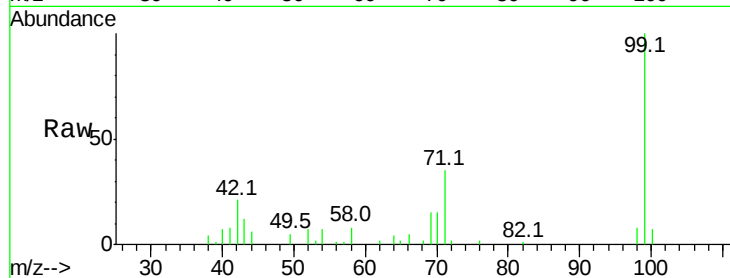
Tot Ion: 99 Resp: 24750

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

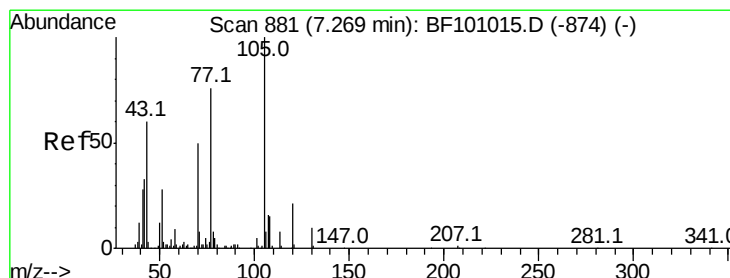
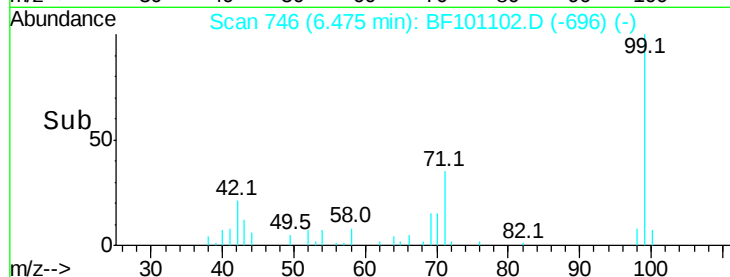
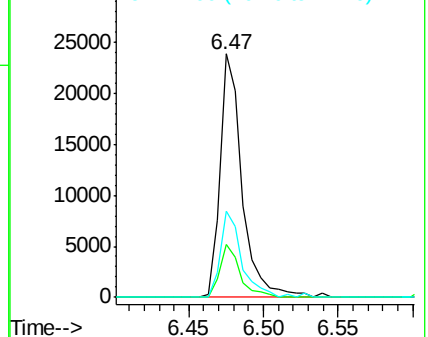
71 35.4 25.4 38.0



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: 3.036 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF101102.D

Acq: 4 Dec 2017 17:09

Tgt Ion: 70 Resp: 7171

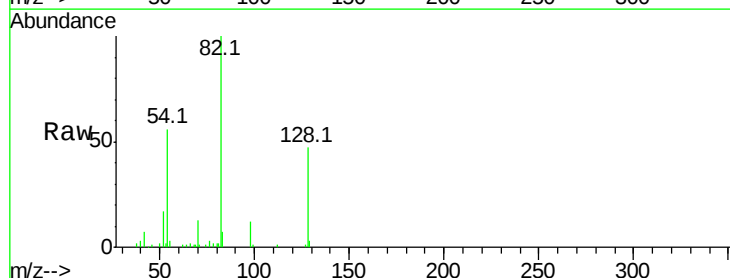
Ion Ratio Lower Upper

70 100

42 53.6 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

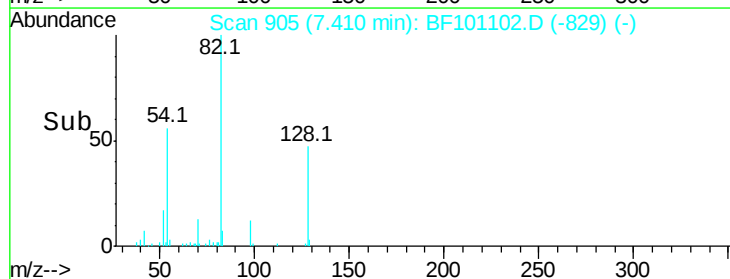
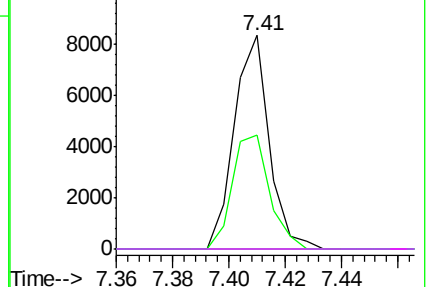


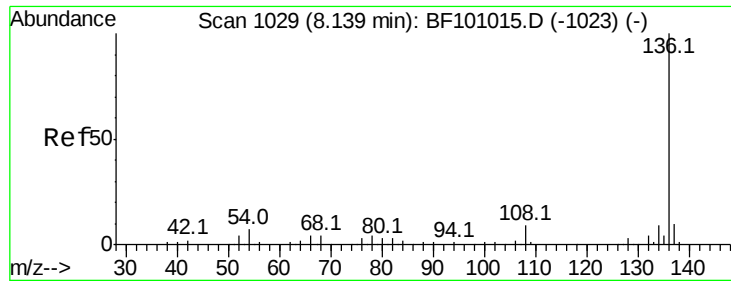
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

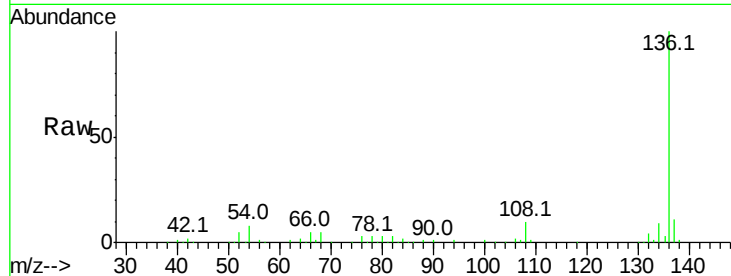




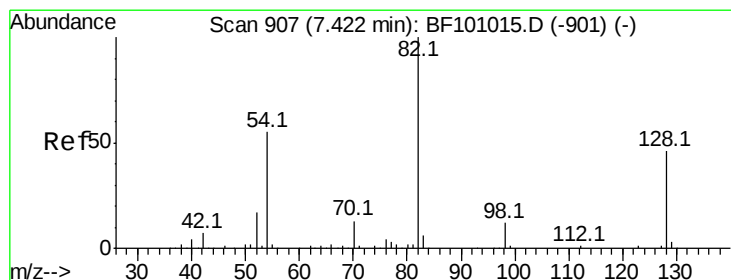
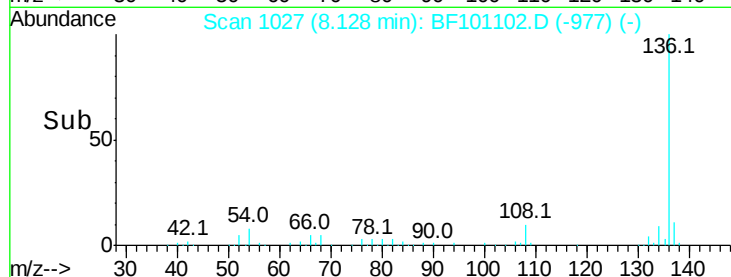
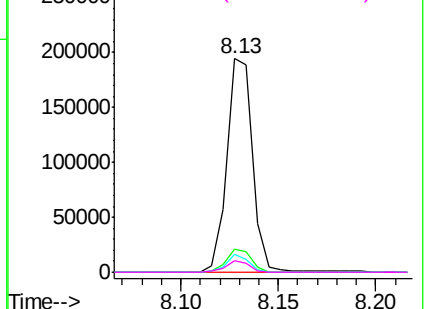
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	177404
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.4	6.6	9.8
68	5.4	5.0	7.4

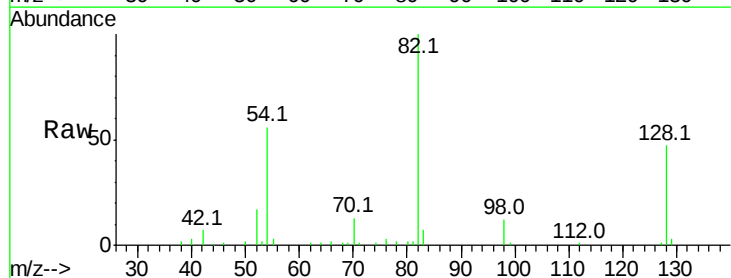


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

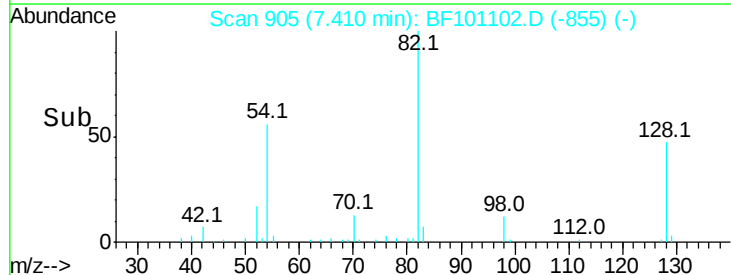
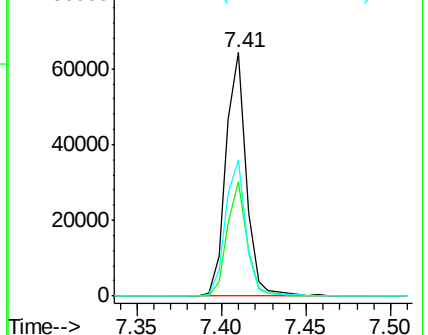


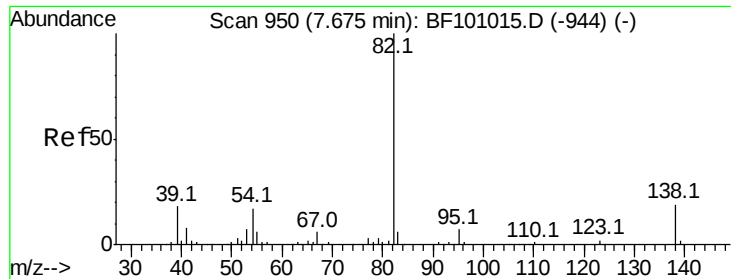
#23
Nitrobenzene-d5
Concen: 18.110 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101102.D
Acq: 4 Dec 2017 17:09

Tgt Ion:	82	Resp:	53857
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	55.9	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: 10.602 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101102.D

Acq: 4 Dec 2017 17:09

Instrument :

BNA_F

ClientSampleId :

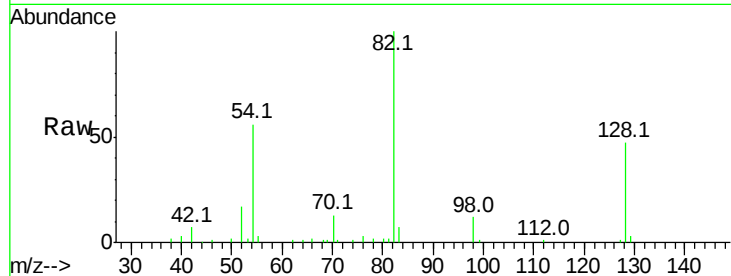
Tot Ion: 82 Resp: 53856

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

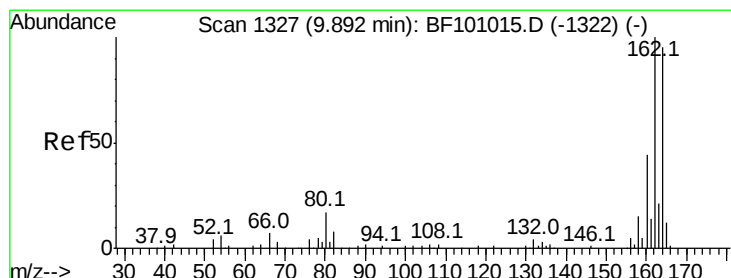
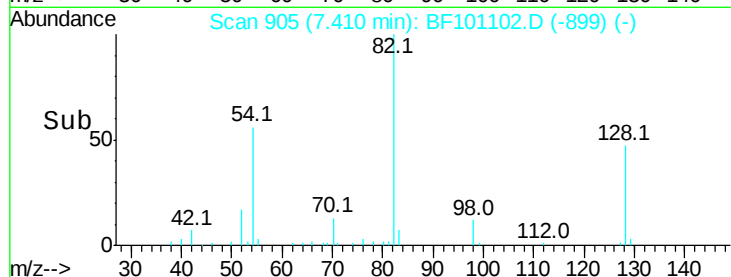
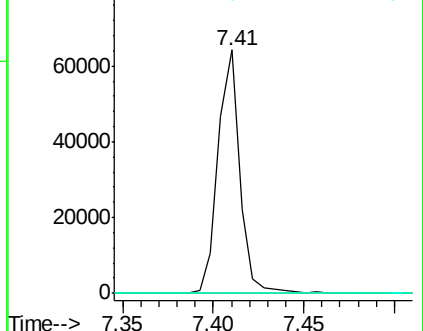
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101102.D

Acq: 4 Dec 2017 17:09

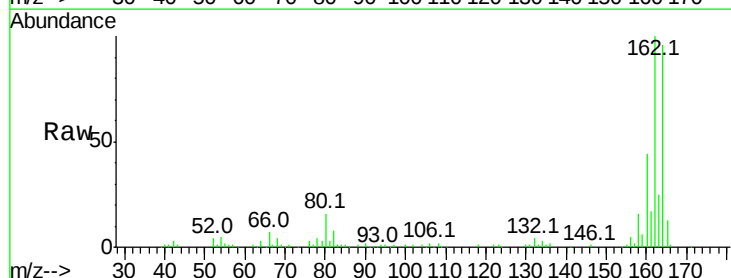
Tgt Ion:164 Resp: 75353

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

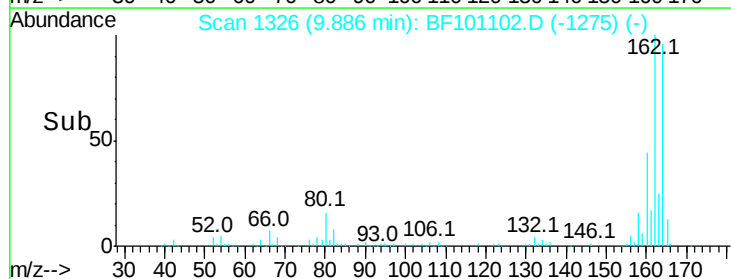
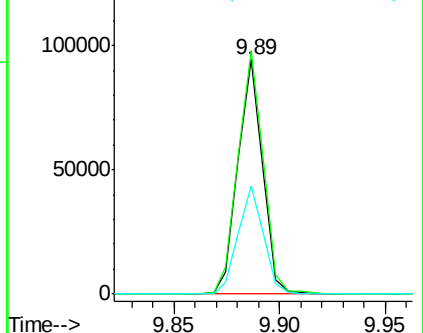
160 46.2 38.3 57.5



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

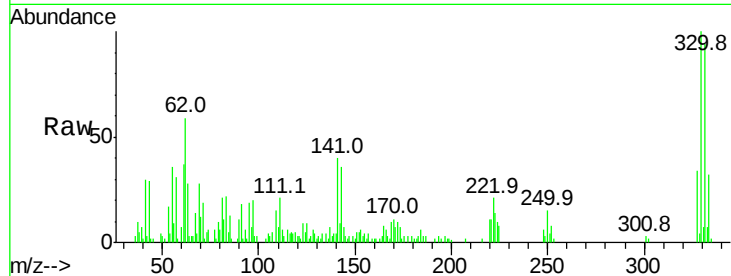




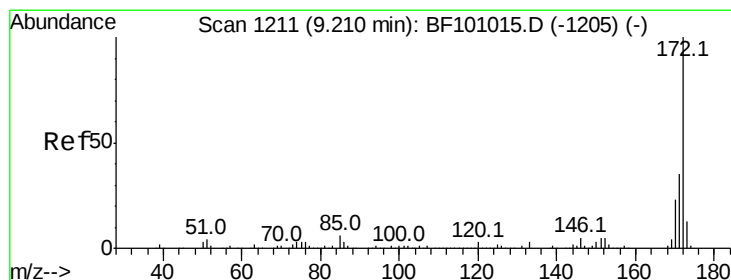
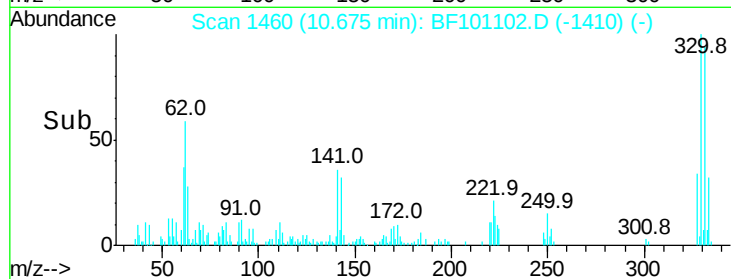
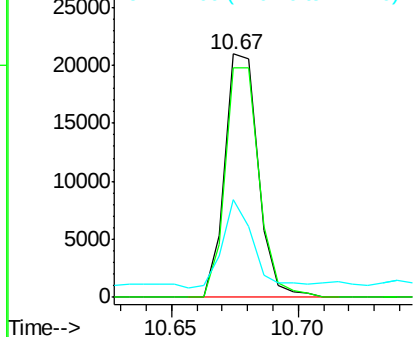
#41
 2,4,6-Tribromophenol
 Concen: 21.258 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 19243
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.0 29.9 44.9

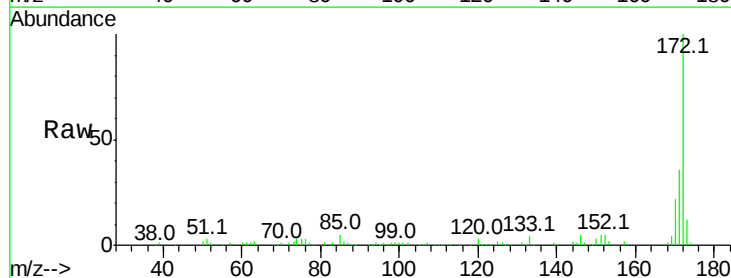


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

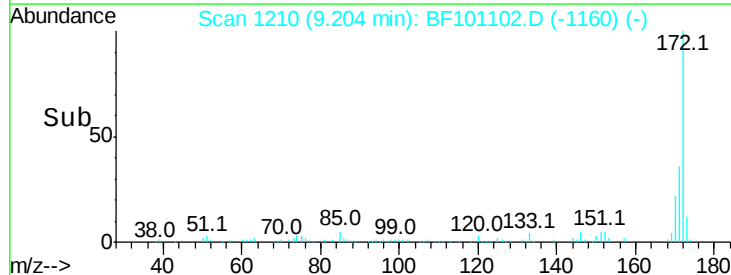
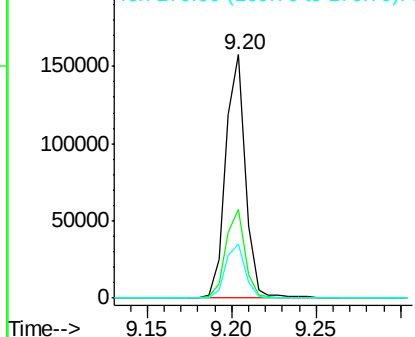


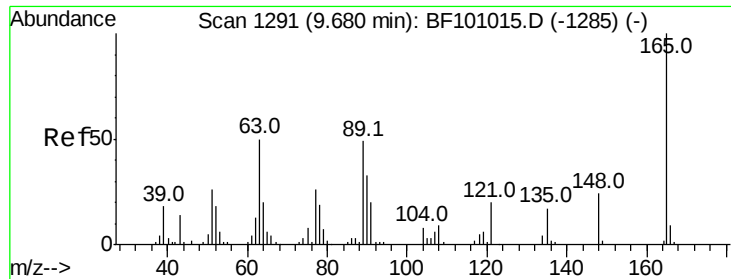
#44
 2-Fluorobiphenyl
 Concen: 23.319 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

Tgt Ion:172 Resp: 128429
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 22.0 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

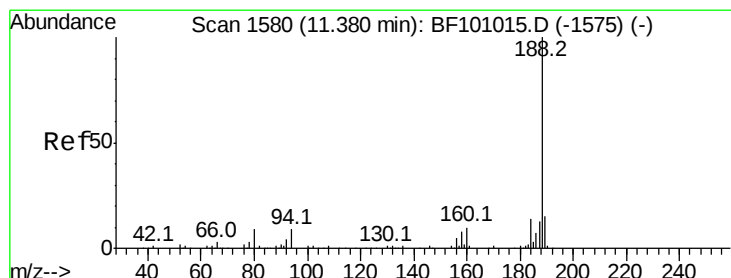
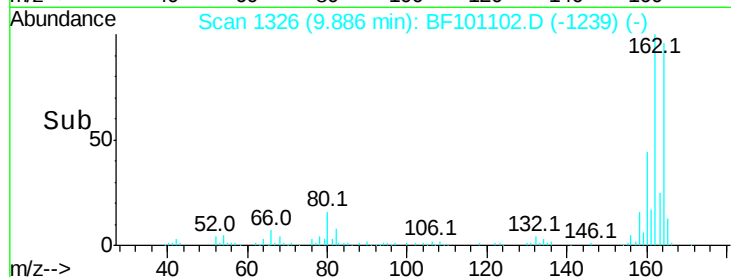
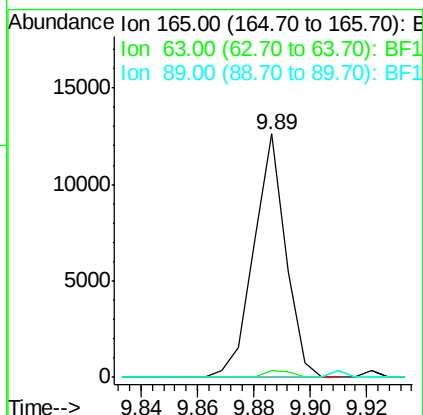
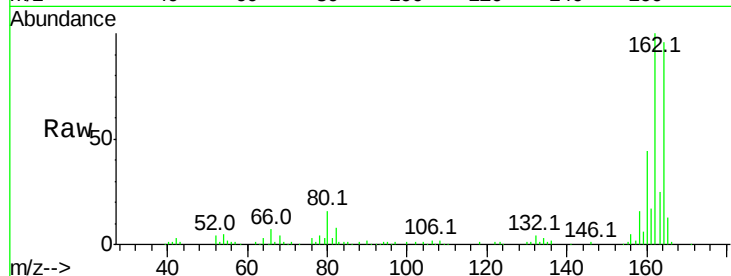




#50
 2,6-Dinitrotoluene
 Concen: 7.681 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

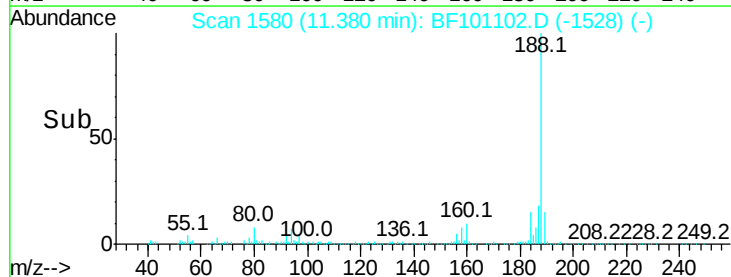
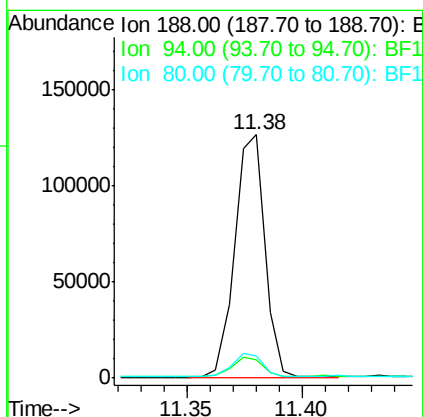
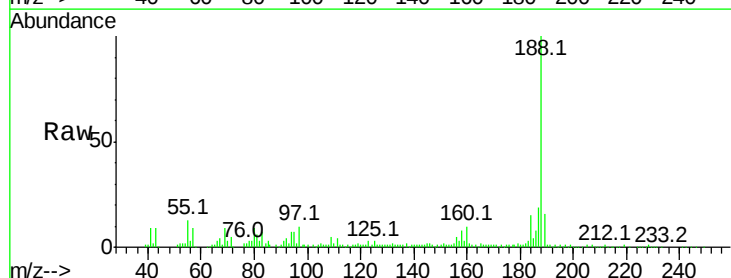
Instrument :
 BNA_F
 ClientSampleId :

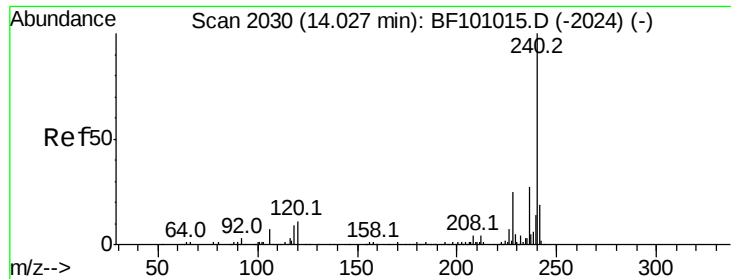
Tot Ion:165 Resp: 9832
 Ion Ratio Lower Upper
 165 100
 63 2.9 44.7 67.1#
 89 0.0 44.0 66.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.01 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

Tgt Ion:188 Resp: 115089
 Ion Ratio Lower Upper
 188 100
 94 7.5 8.5 12.7#
 80 9.0 9.2 13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101102.D

Acq: 4 Dec 2017 17:09

Instrument :

BNA_F

ClientSampleId :

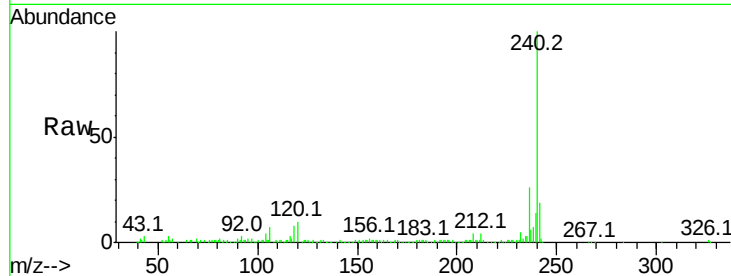
Tot Ion:240 Resp: 113726

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

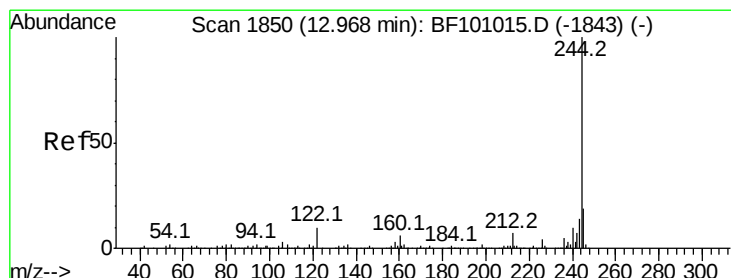
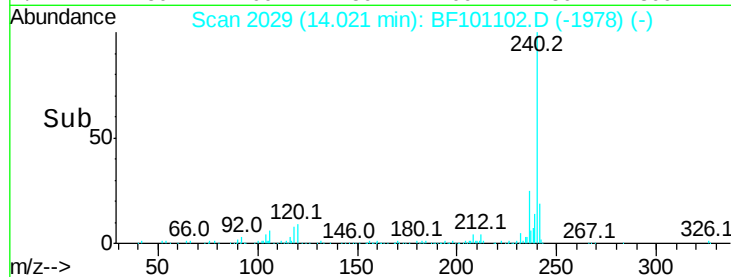
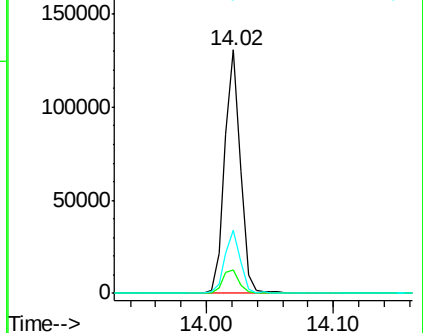
236 25.7 20.7 31.1



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: 16.926 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101102.D

Acq: 4 Dec 2017 17:09

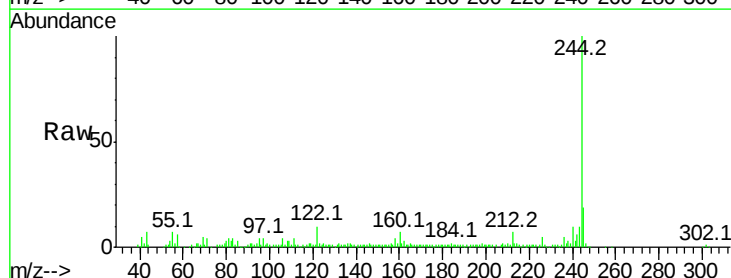
Tgt Ion:244 Resp: 88005

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

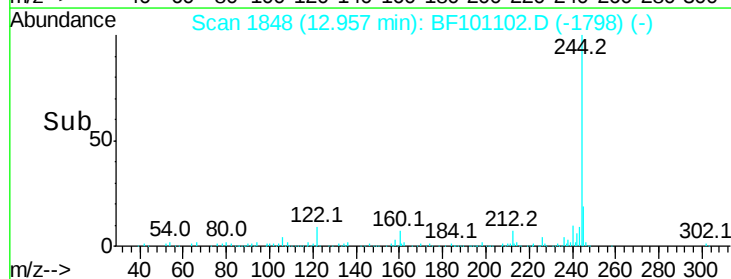
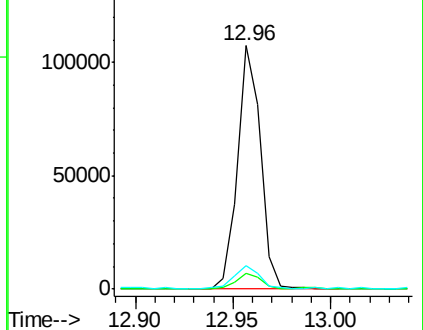
122 9.6 11.0 16.4#

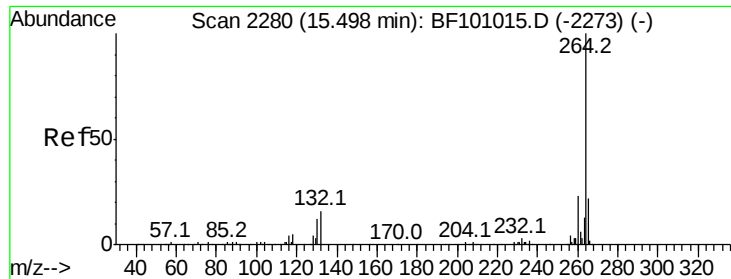


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101102.D
 Acq: 4 Dec 2017 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.2	17.5	26.3

