

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101764.D
 Acq On : 27 Dec 2017 16:07
 Operator : SJ/JU
 Sample : I6957-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:03:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

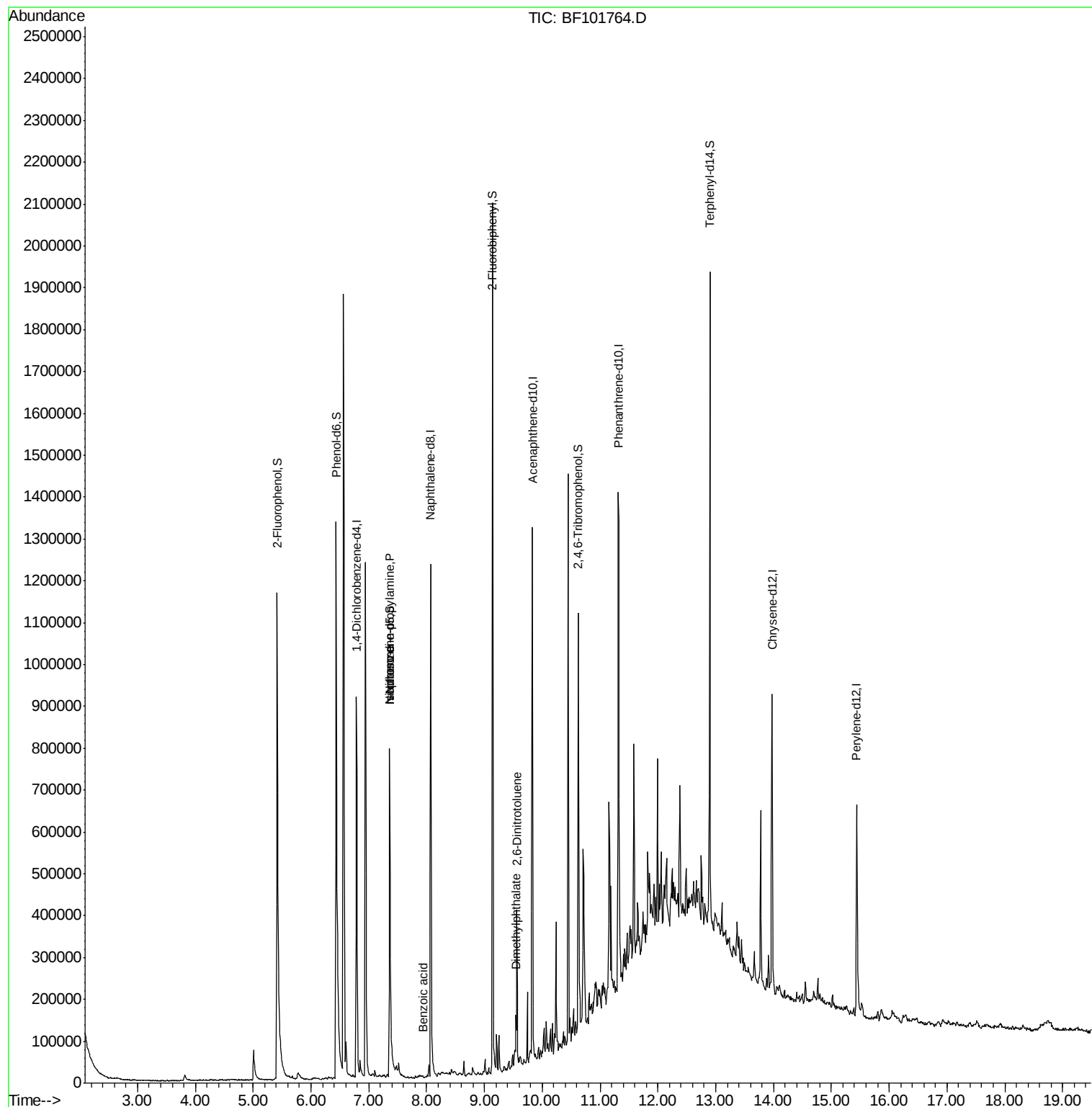
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	149807	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	602976	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	265098	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	476370	20.00	ng	0.00
75) Chrysene-d12	13.97	240	297659	20.00	ng	0.00
86) Perylene-d12	15.44	264	289691	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	586505	58.32	ng	0.00
7) Phenol-d6	6.43	99	724016	57.85	ng	0.00
23) Nitrobenzene-d5	7.36	82	368161	33.99	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	140991	55.19	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	688430	40.28	ng	0.00
78) Terphenyl-d14	12.90	244	529741	42.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	49976	6.080	ng	# 83
25) Isophorone	7.36	82	368161	16.943	ng	# 64
32) Benzoic acid	7.95	122	122	7.978	ng	# 43
49) Dimethylphthalate	9.55	163	53580	2.513	ng	# 99
50) 2,6-Dinitrotoluene	9.56	165	30507	7.039	ng	# 26

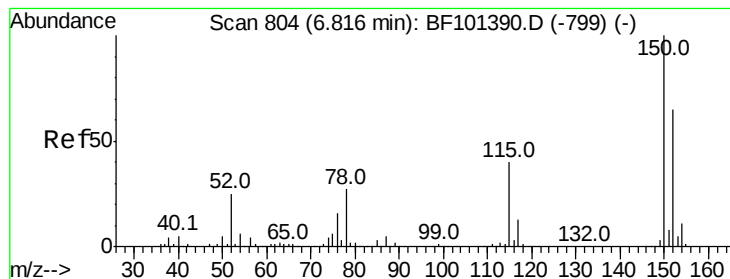
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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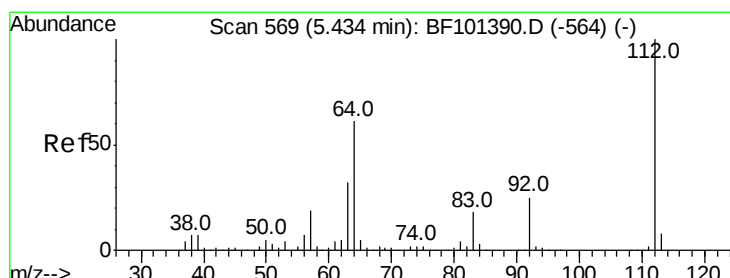
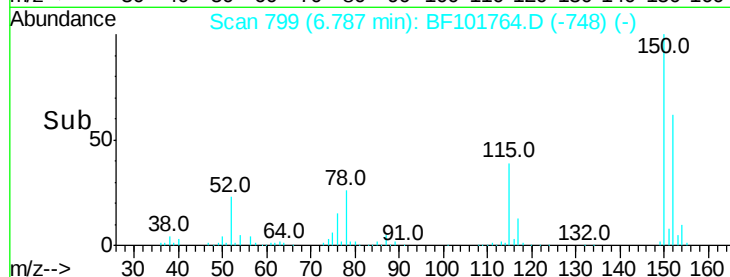
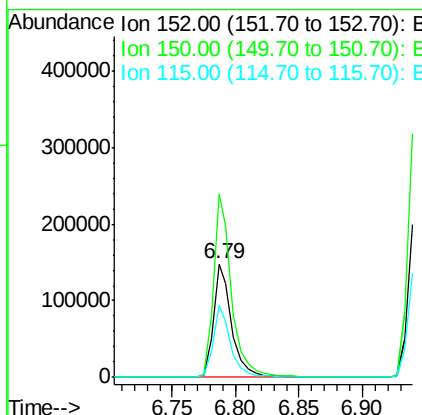
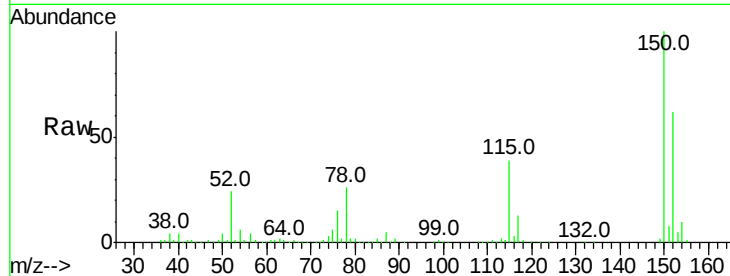


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_F
ClientSampled :

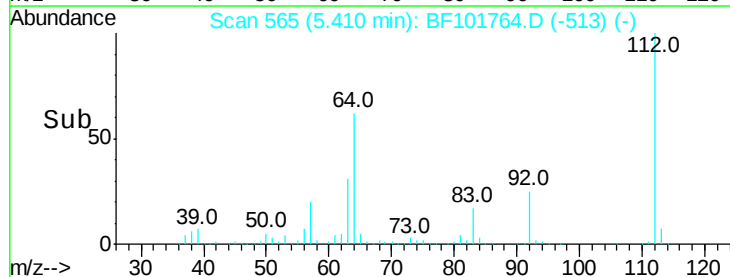
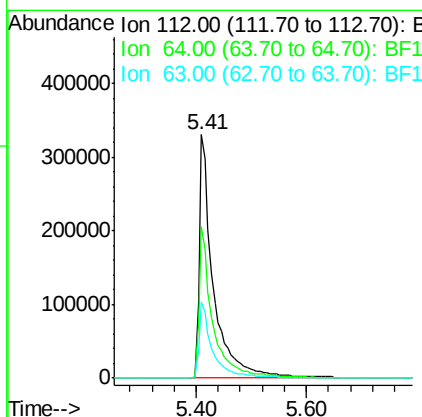
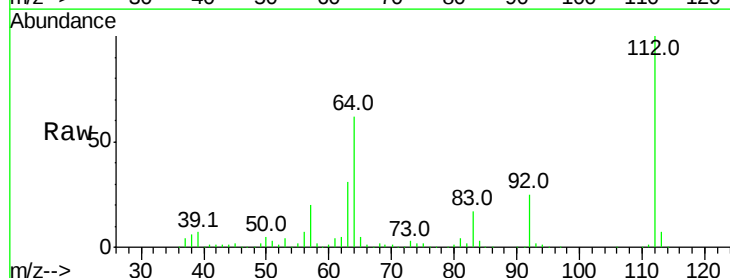
Tot Ion:152 Resp: 149807
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 63.1 50.1 75.1

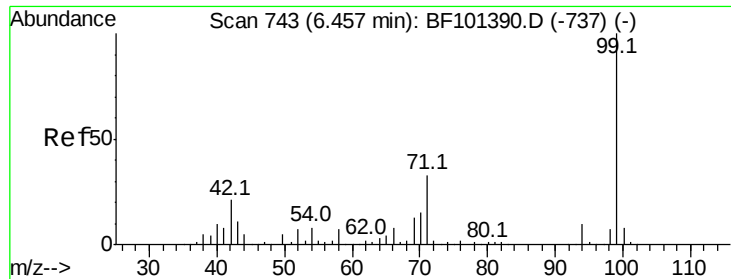


#5

2-Fluorophenol
Concen: 58.318 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Tgt Ion:112 Resp: 586505
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 57.846 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101764.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_F

ClientSampleId :

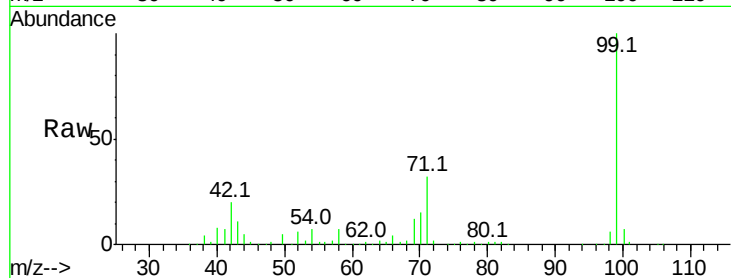
Tot Ion: 99 Resp: 724016

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

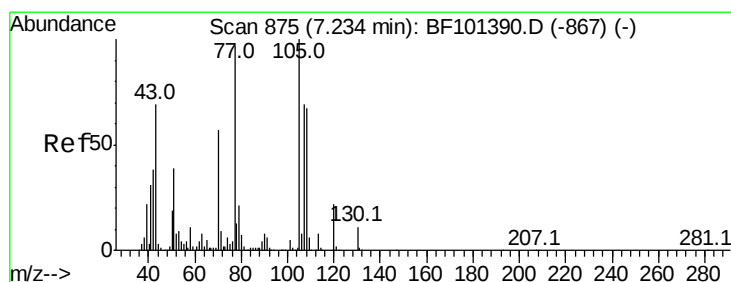
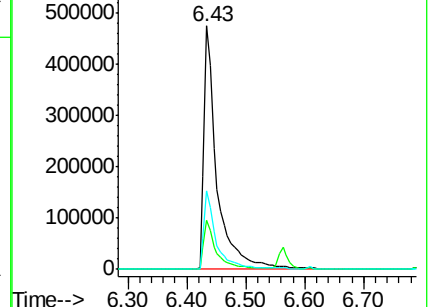
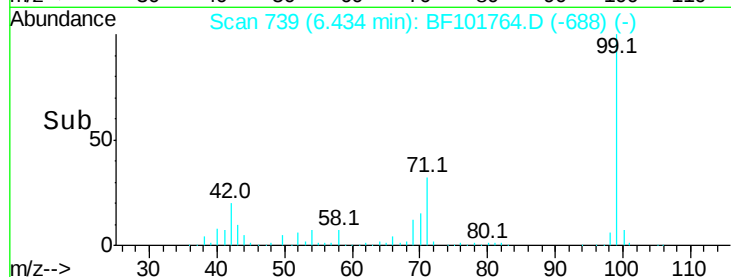
71 32.2 25.4 38.0



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: 6.080 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101764.D

Acq: 27 Dec 2017 16:07

Tgt Ion: 70 Resp: 49976

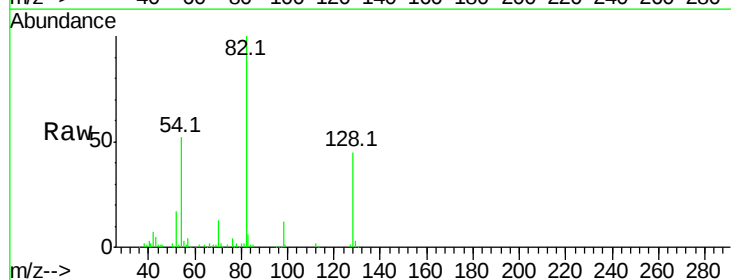
Ion Ratio Lower Upper

70 100

42 53.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

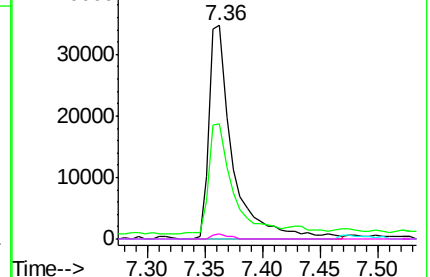
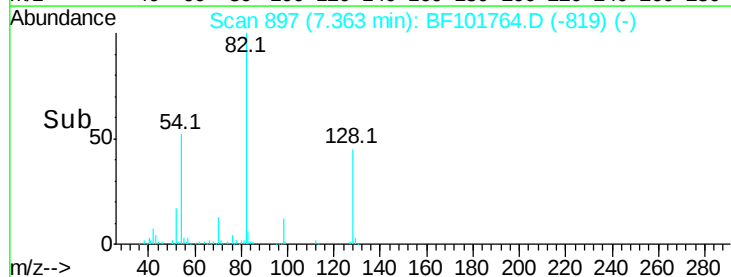


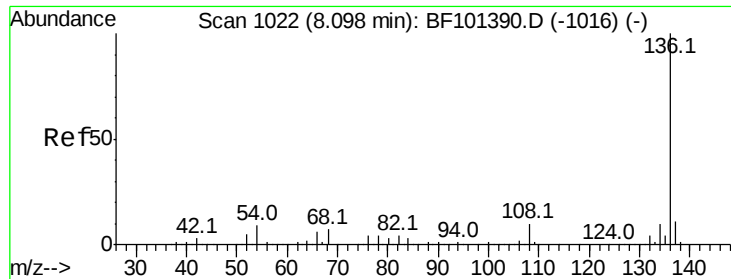
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

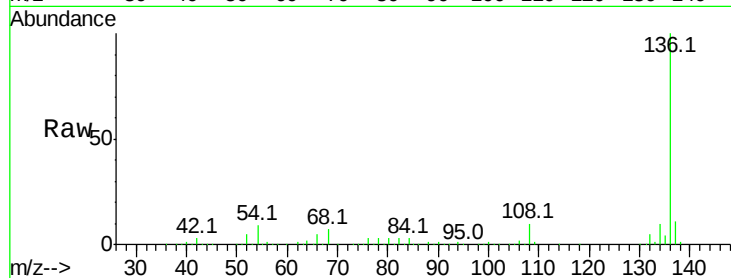




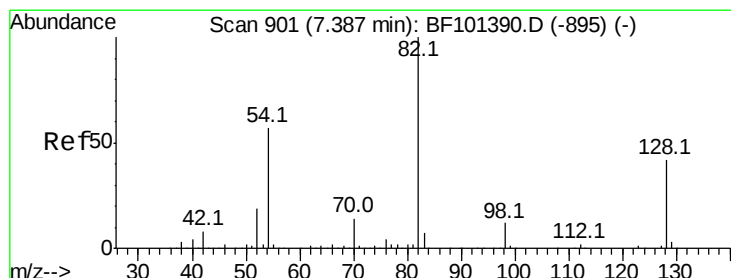
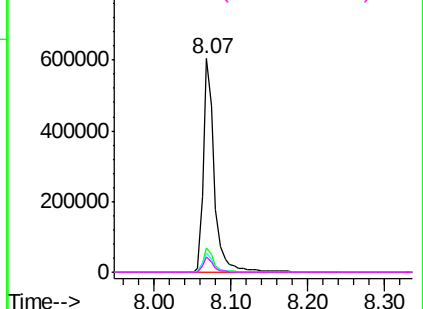
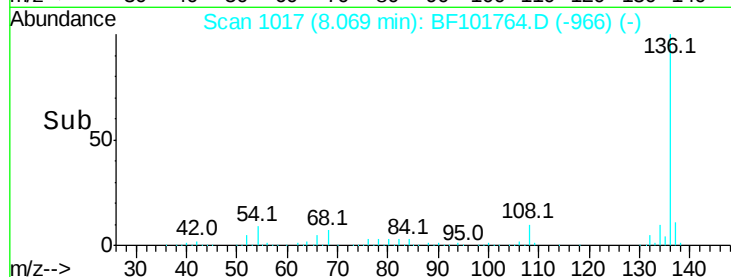
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	602976
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.1	6.6	9.8
68	6.9	5.0	7.4

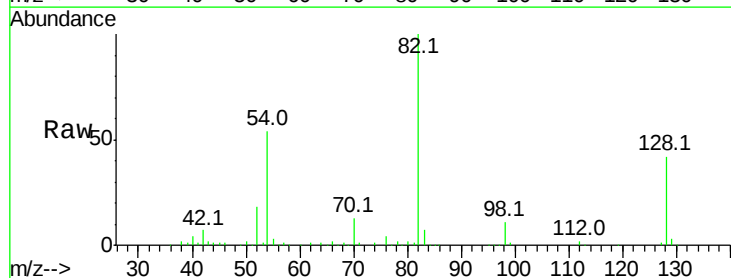


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

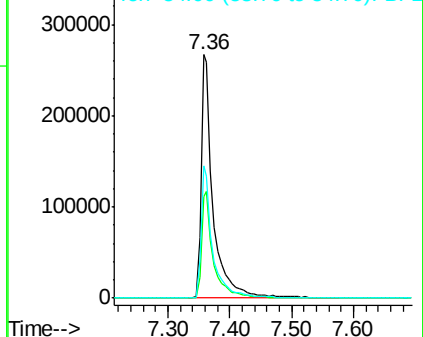
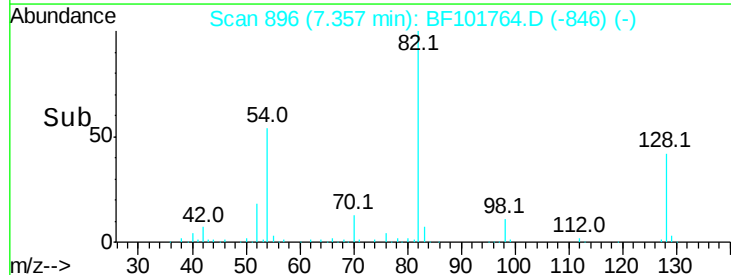


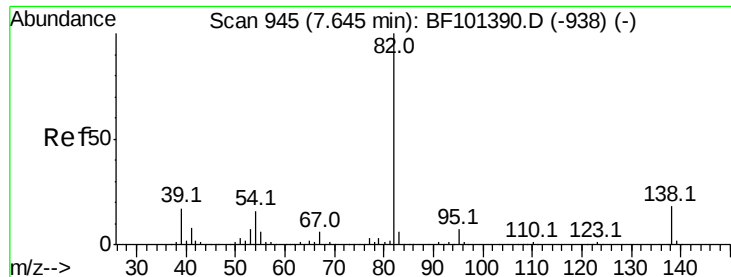
#23
Nitrobenzene-d5
Concen: 33.988 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Tgt Ion:	82	Resp:	368161
Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	54.3	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: 16.943 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101764.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_F

ClientSampleId :

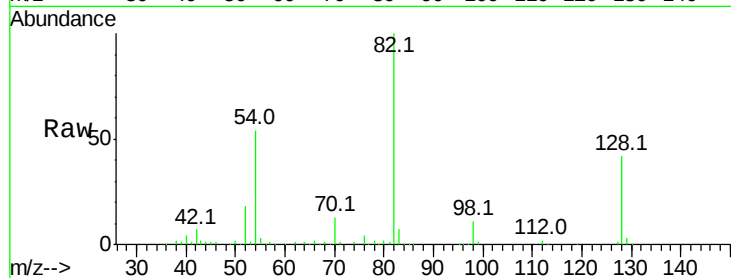
Tot Ion: 82 Resp: 368161

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

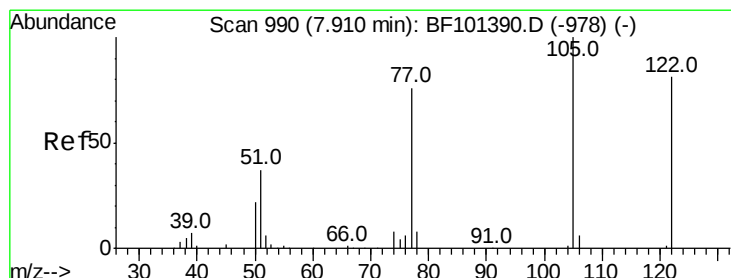
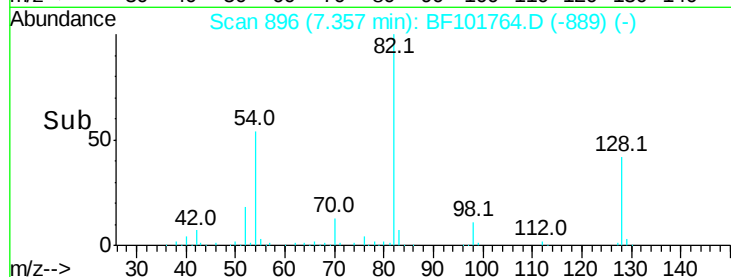
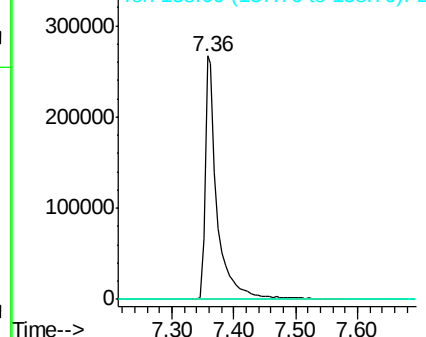
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 7.978 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.05 min

Lab File: BF101764.D

Acq: 27 Dec 2017 16:07

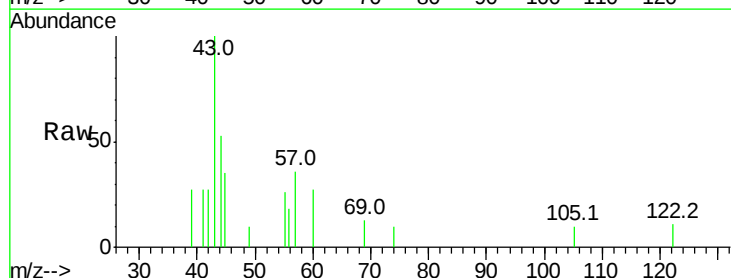
Tgt Ion: 122 Resp: 122

Ion Ratio Lower Upper

122 100

105 90.8 101.1 141.1#

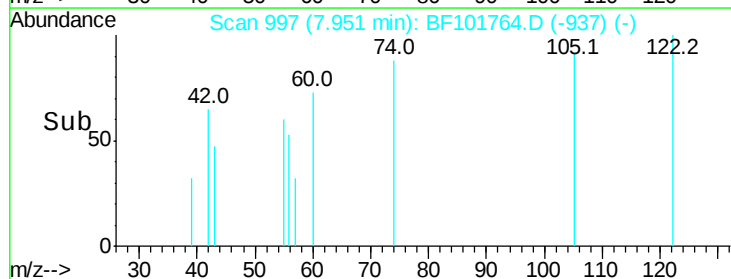
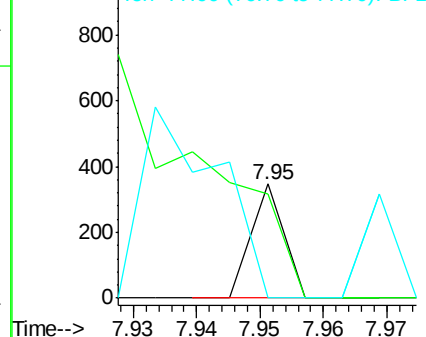
77 0.0 70.7 110.7#

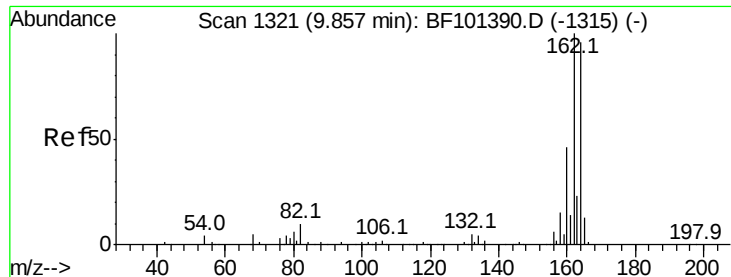


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101764.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_F

ClientSampleId :

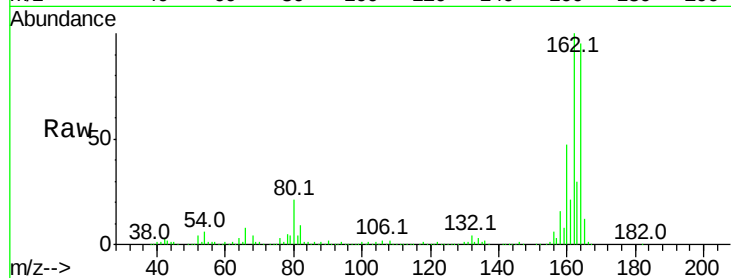
Tot Ion:164 Resp: 265098

Ion Ratio Lower Upper

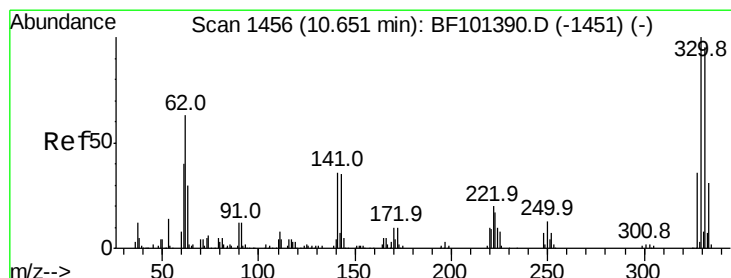
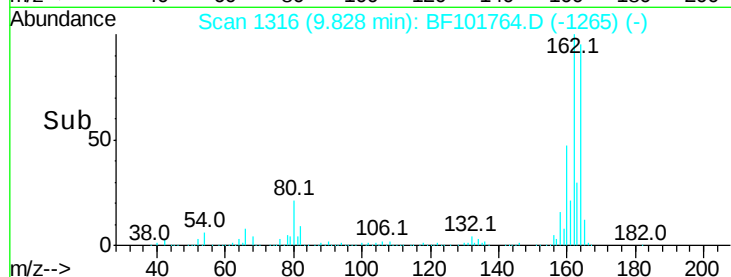
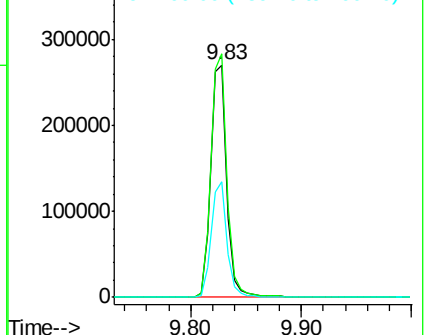
164 100

162 104.9 86.1 129.1

160 49.5 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: 55.195 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF101764.D

Acq: 27 Dec 2017 16:07

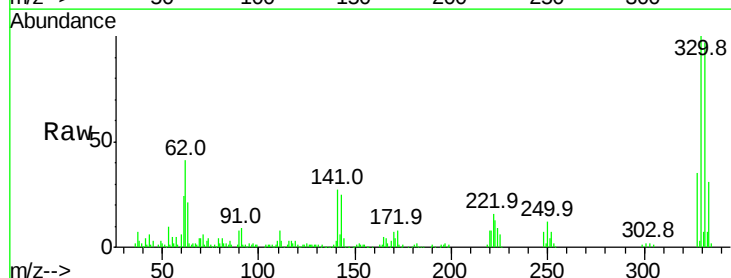
Tgt Ion:330 Resp: 140991

Ion Ratio Lower Upper

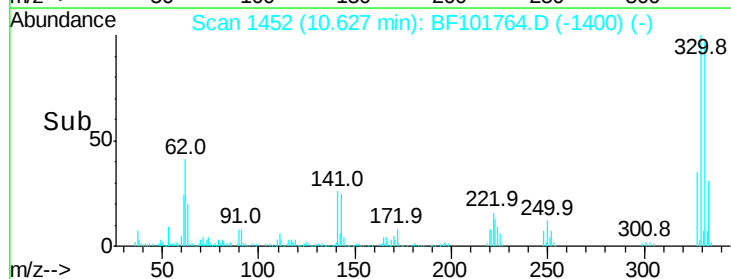
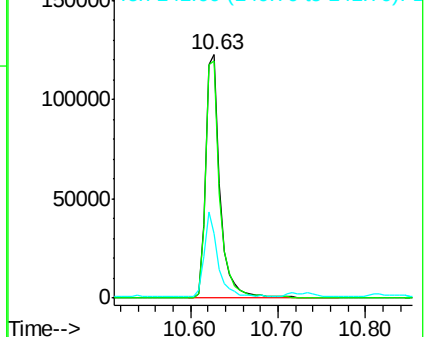
330 100

332 96.3 77.0 115.6

141 32.0 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

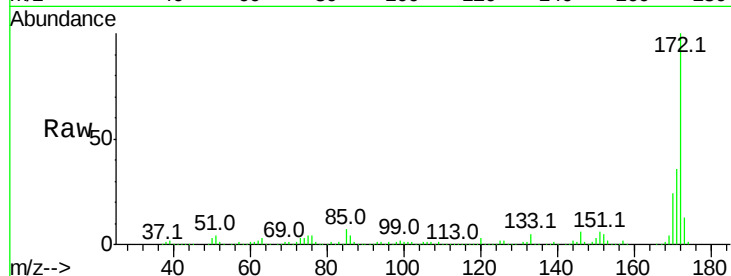




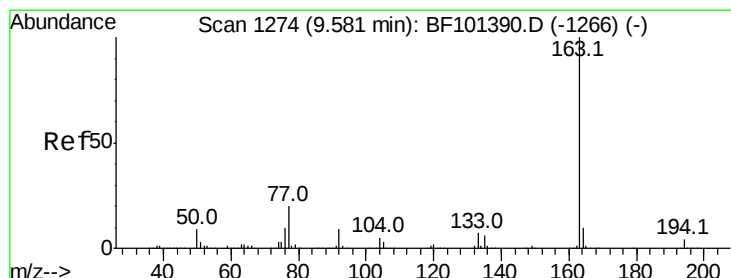
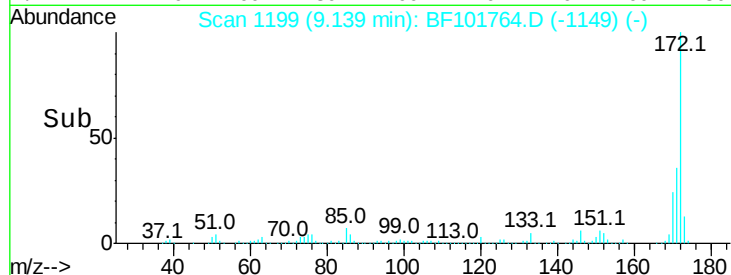
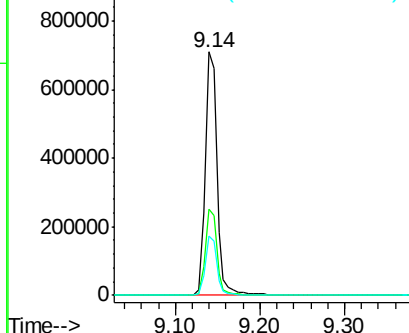
#44
2-Fluorobiphenyl
Concen: 40.284 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 688430
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.3 19.6 29.4

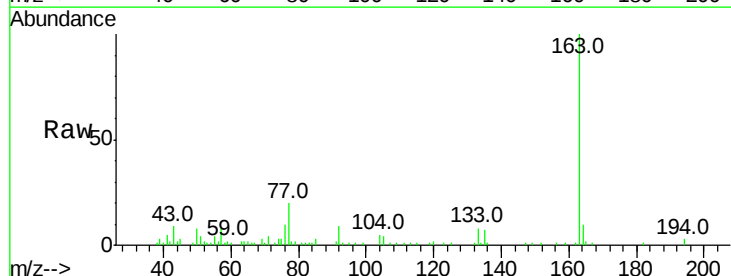


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

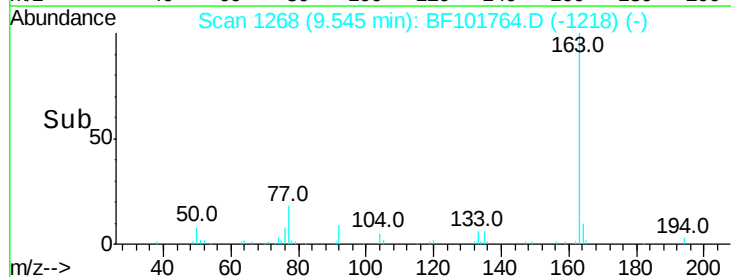
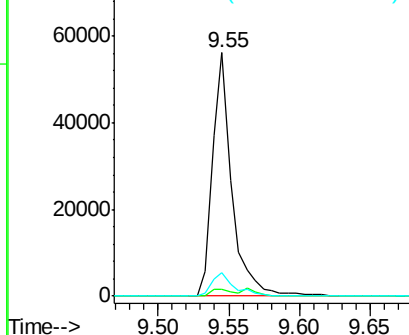


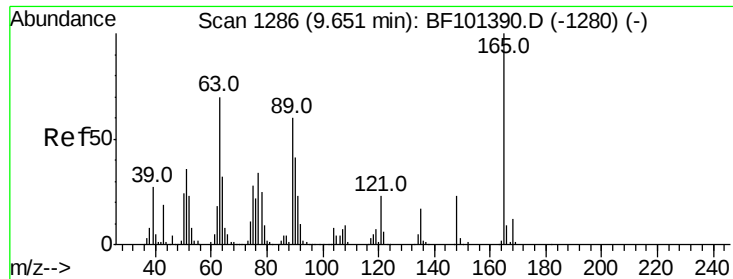
#49
Dimethylphthalate
Concen: 2.513 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Tgt Ion:163 Resp: 53580
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 9.7 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

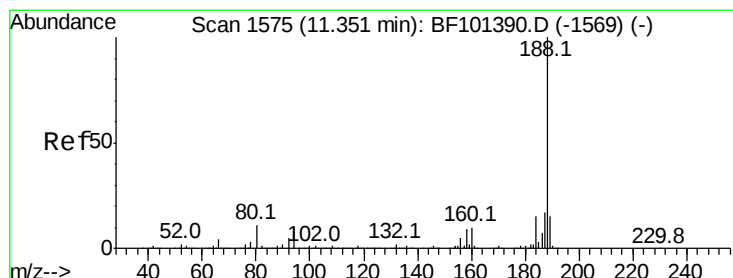
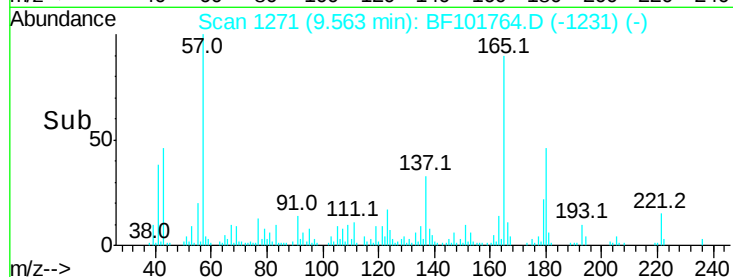
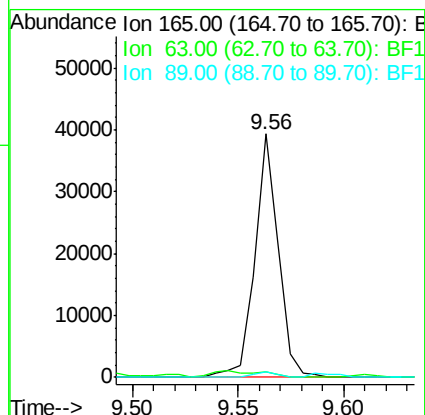
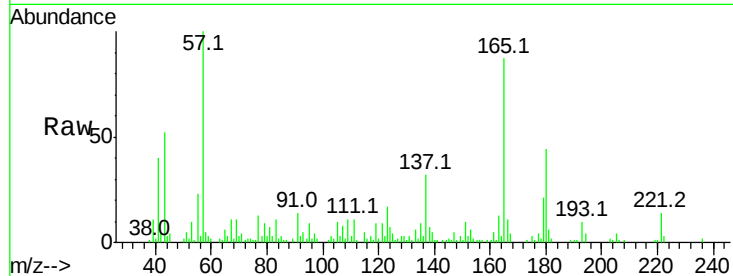




#50
 2,6-Dinitrotoluene
 Concen: 7.039 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.06 min
 Lab File: BF101764.D
 Acq: 27 Dec 2017 16:07

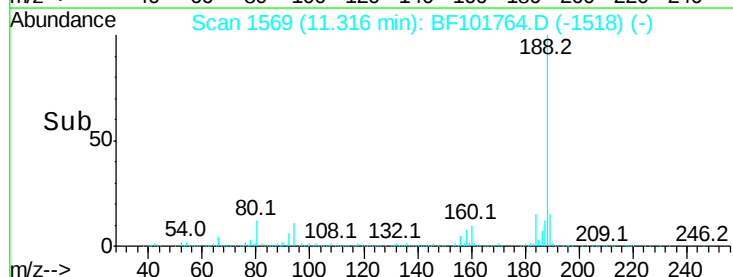
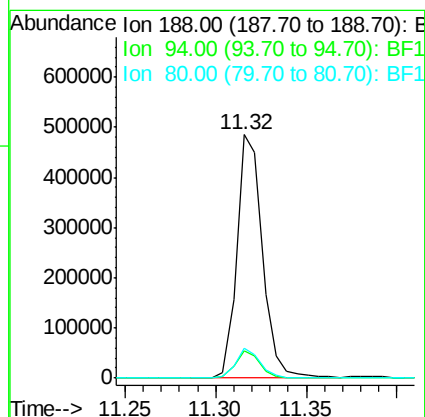
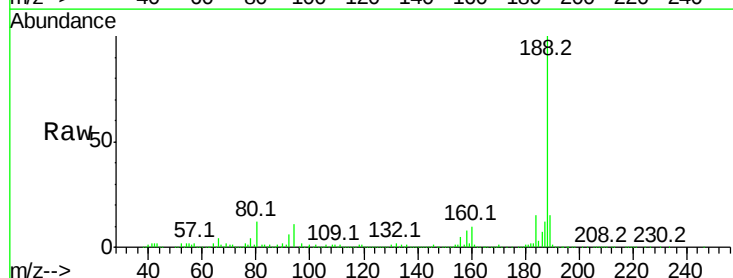
Instrument :
 BNA_F
 ClientSampled :

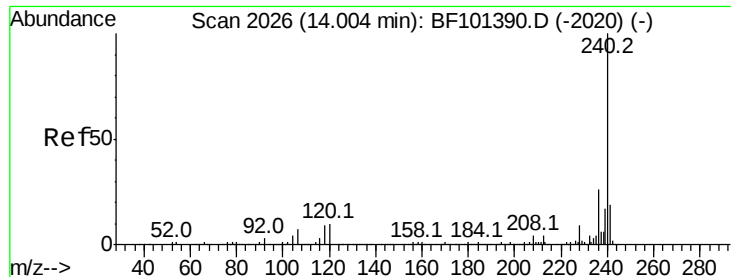
Tot Ion:165 Resp: 30507
 Ion Ratio Lower Upper
 165 100
 63 2.1 44.7 67.1#
 89 2.1 44.0 66.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF101764.D
 Acq: 27 Dec 2017 16:07

Tgt Ion:188 Resp: 476370
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.0 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101764.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_F

ClientSampleId :

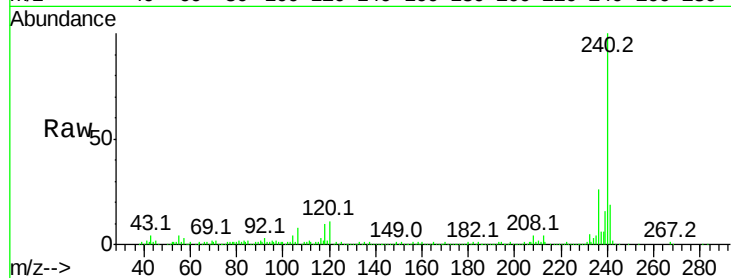
Tot Ion:240 Resp: 297659

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

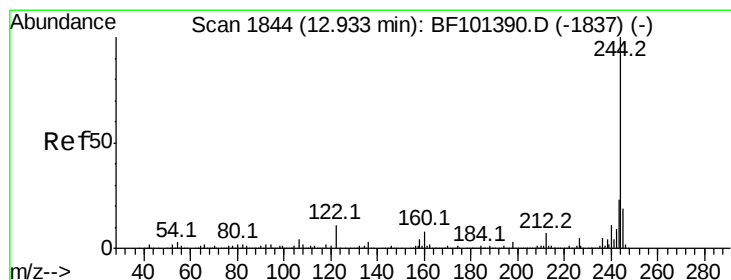
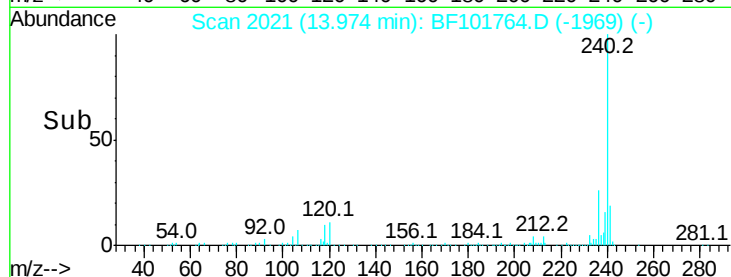
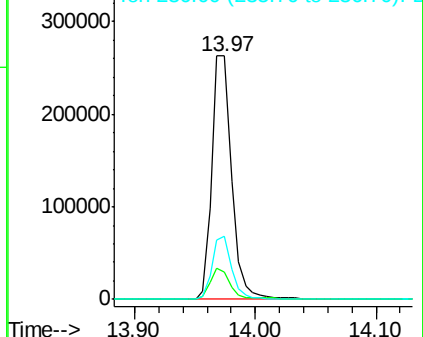
236 25.7 20.7 31.1



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: 42.904 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101764.D

Acq: 27 Dec 2017 16:07

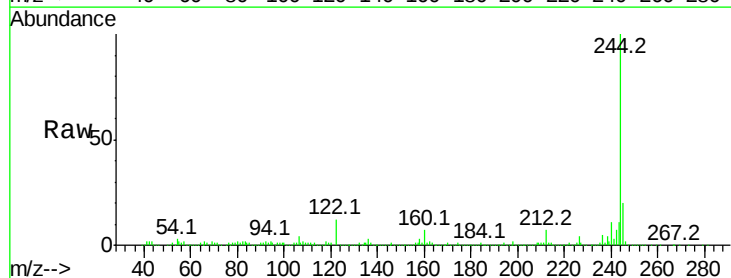
Tgt Ion:244 Resp: 529741

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

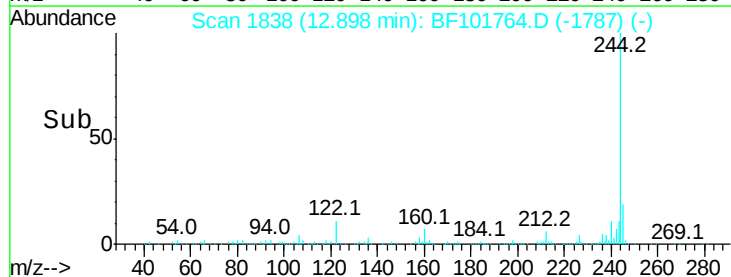
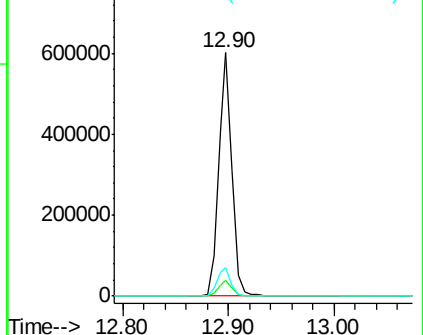
122 11.6 11.0 16.4

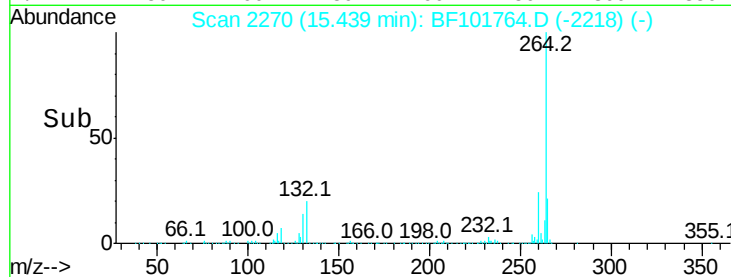
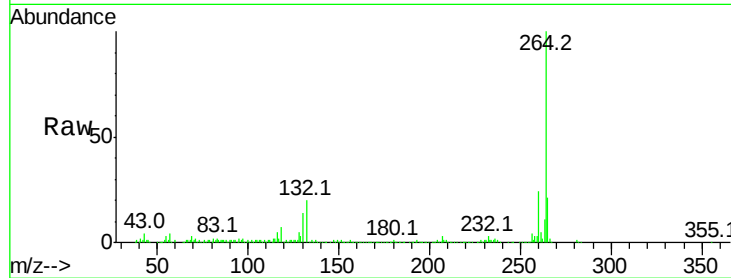
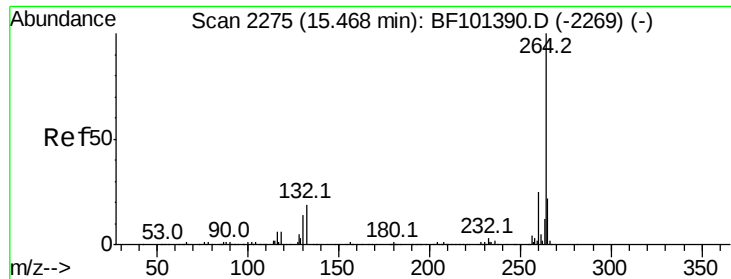


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101764.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

