

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101768.D
 Acq On : 27 Dec 2017 17:55
 Operator : SJ/JU
 Sample : I6685-07 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:05:38 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

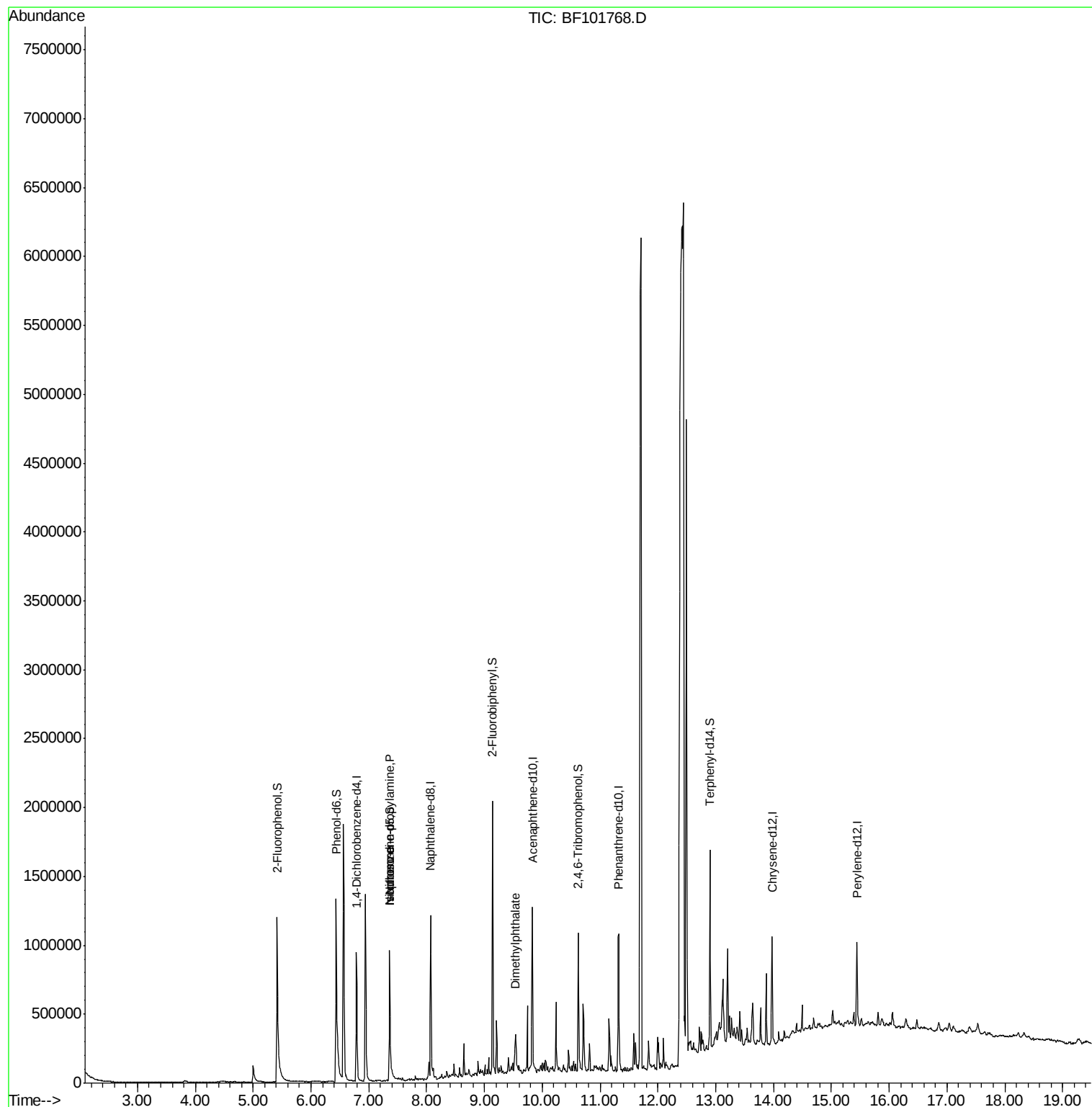
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	152365	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	591122	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	247634	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	401987	20.00	ng	0.00
75) Chrysene-d12	13.97	240	298671	20.00	ng	0.00
86) Perylene-d12	15.44	264	329968	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	583592	57.05	ng	0.00
7) Phenol-d6	6.43	99	712753	55.99	ng	0.00
23) Nitrobenzene-d5	7.36	82	424807	40.00	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	132155	55.38	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	667068	41.79	ng	0.00
78) Terphenyl-d14	12.90	244	465364	37.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	54218	6.485	ng	# 82
25) Isophorone	7.36	82	424807	19.941	ng	# 64
49) Dimethylphthalate	9.54	163	104336	5.238	ng	99

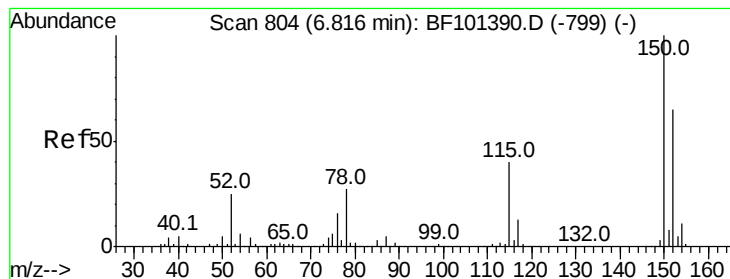
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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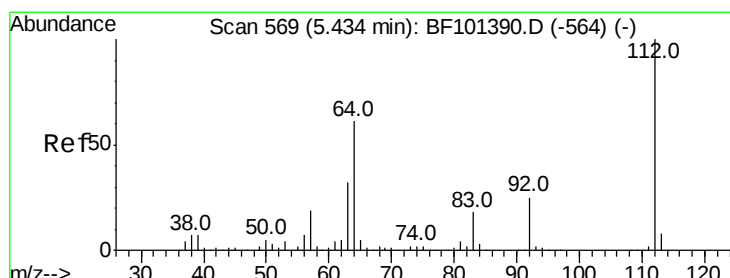
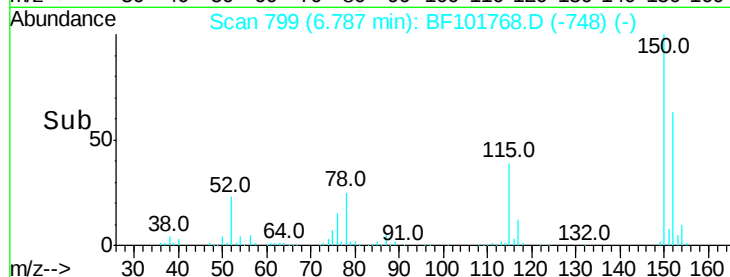
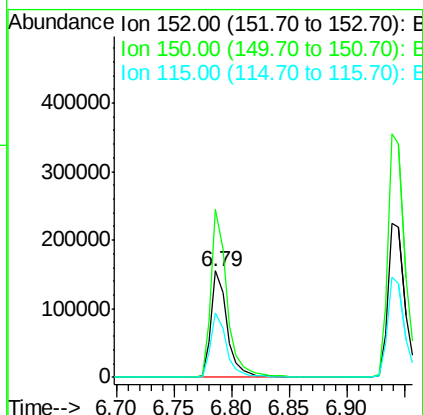
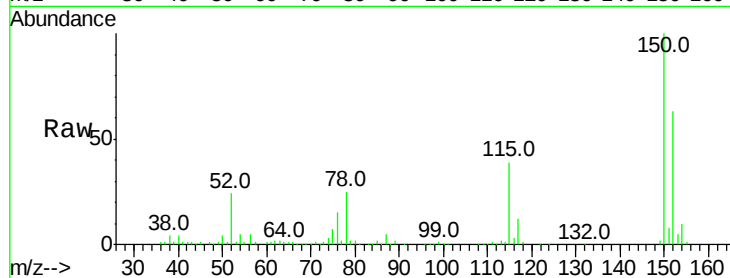


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101768.D
Acq: 27 Dec 2017 17:55

Instrument :
BNA_F
ClientSampled :

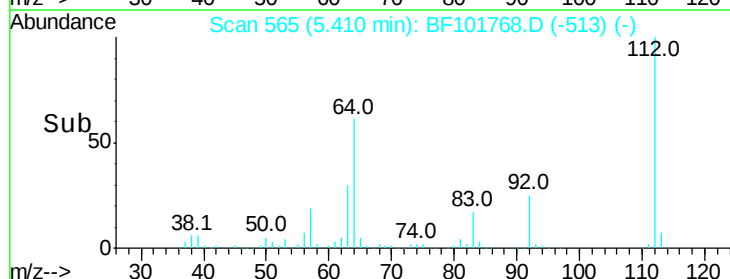
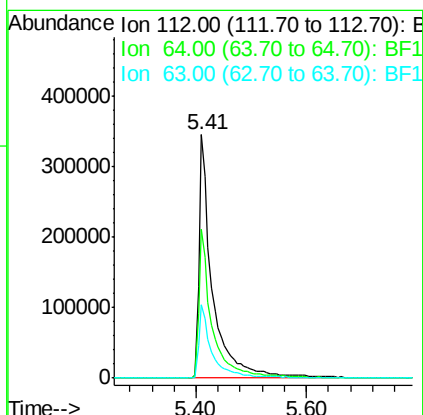
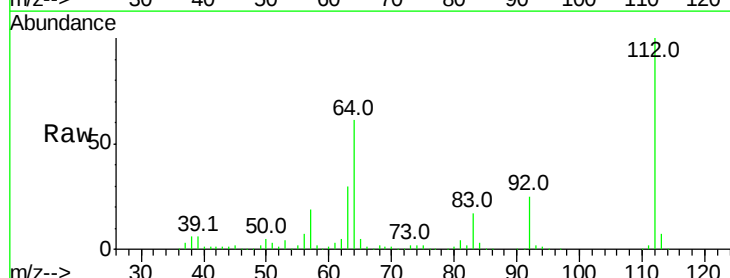
Tot Ion:152 Resp: 152365
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.0 50.1 75.1



#5

2-Fluorophenol
Concen: 57.054 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101768.D
Acq: 27 Dec 2017 17:55

Tgt Ion:112 Resp: 583592
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 55.990 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101768.D

Acq: 27 Dec 2017 17:55

Instrument :

BNA_F

ClientSampleId :

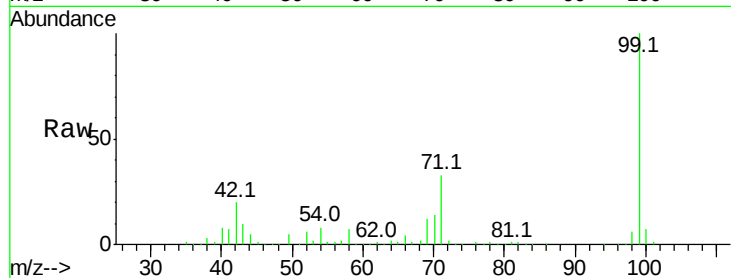
Tot Ion: 99 Resp: 712753

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

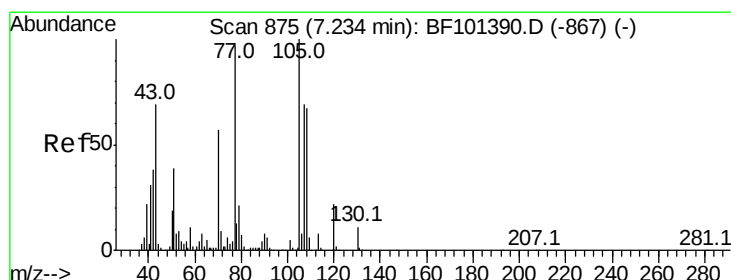
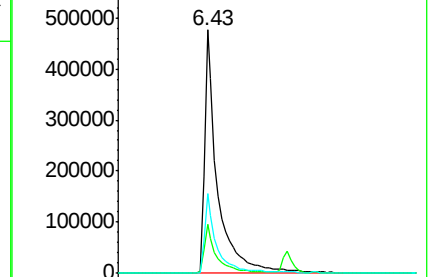
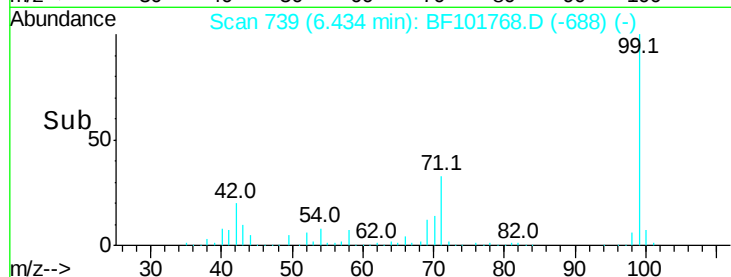
71 32.6 25.4 38.0



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: 6.485 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101768.D

Acq: 27 Dec 2017 17:55

Tgt Ion: 70 Resp: 54218

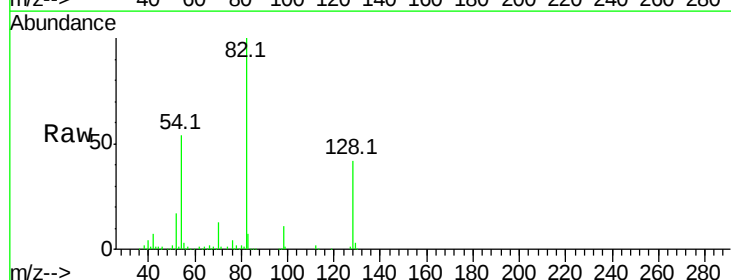
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

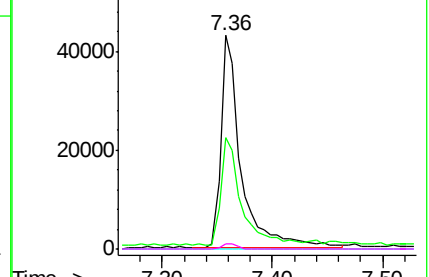
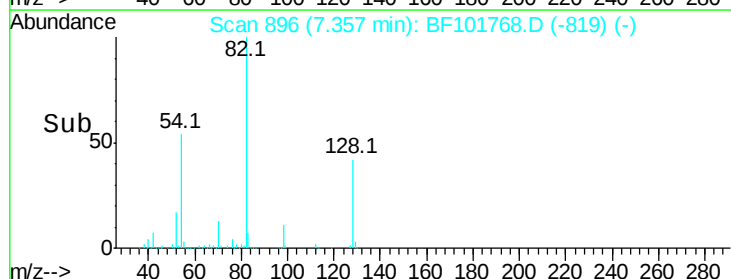


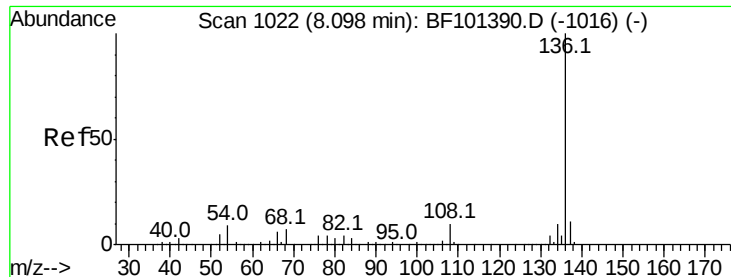
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

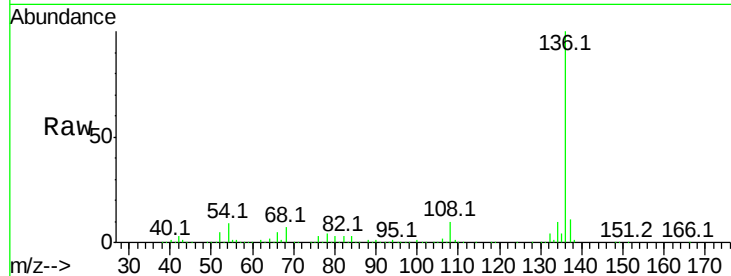




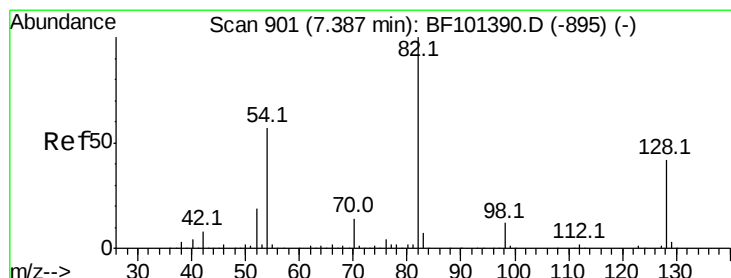
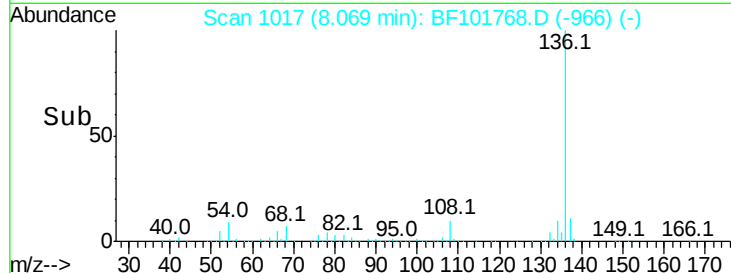
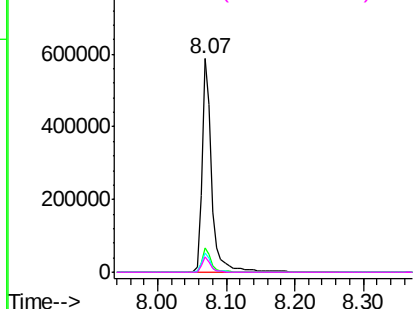
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101768.D
Acq: 27 Dec 2017 17:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	591122
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.2	6.6	9.8
68	7.0	5.0	7.4

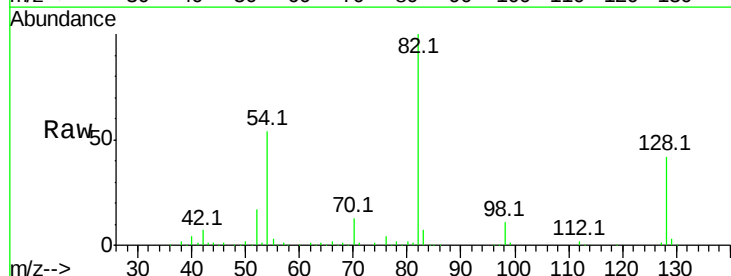


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

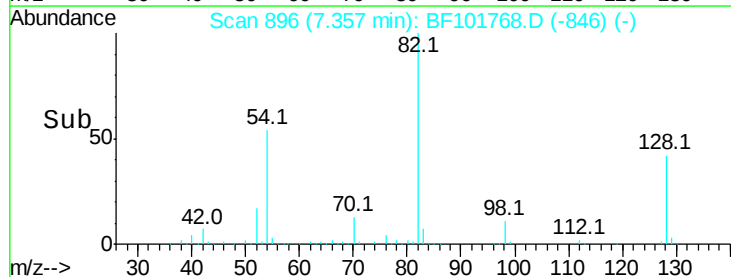
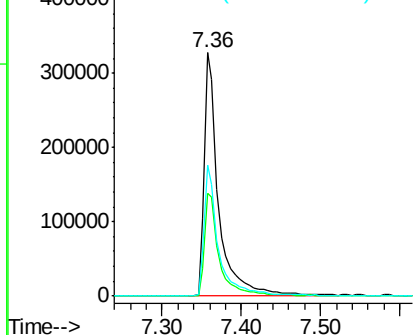


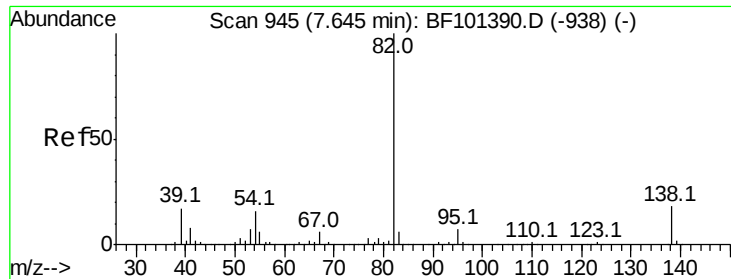
#23
Nitrobenzene-d5
Concen: 40.004 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101768.D
Acq: 27 Dec 2017 17:55

Tgt Ion:	82	Resp:	424807
Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	53.7	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: 19.941 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101768.D

Acq: 27 Dec 2017 17:55

Instrument :

BNA_F

ClientSampleId :

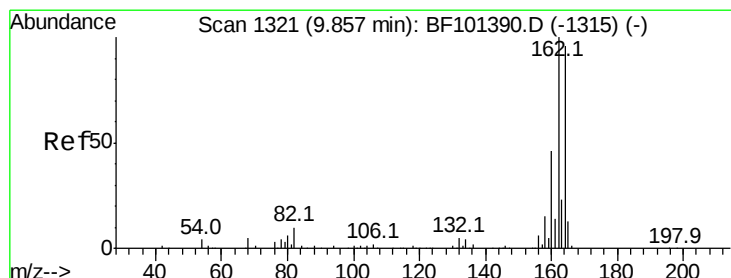
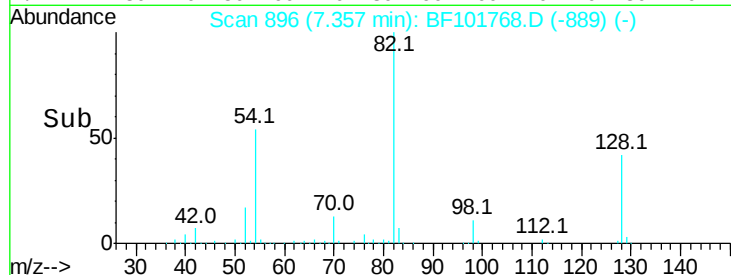
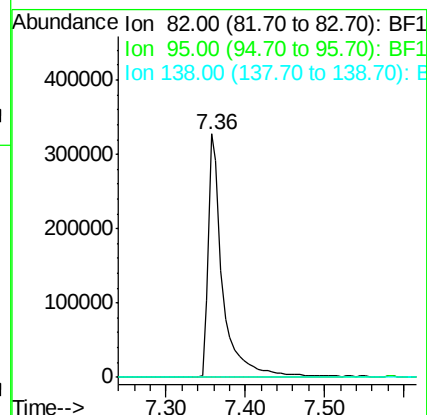
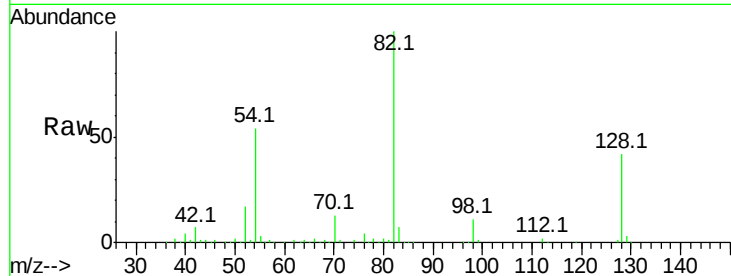
Tot Ion: 82 Resp: 424807

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101768.D

Acq: 27 Dec 2017 17:55

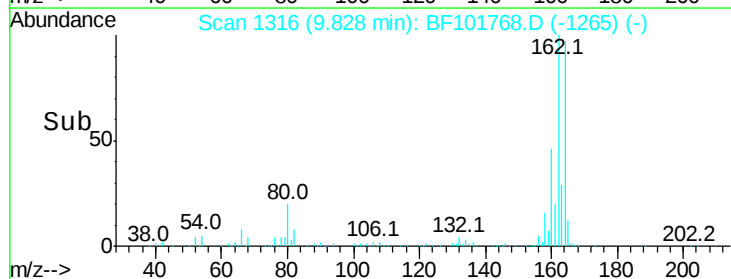
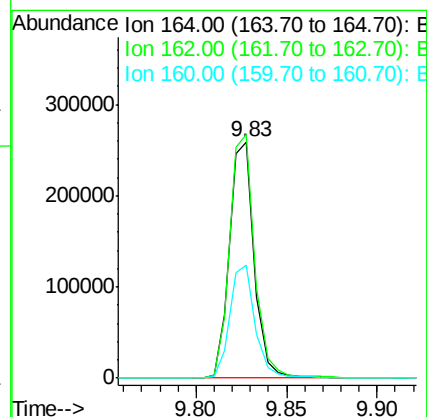
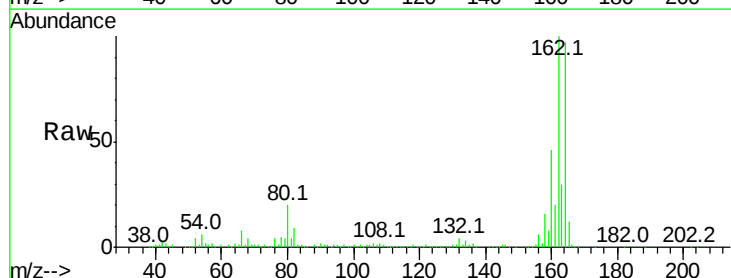
Tgt Ion:164 Resp: 247634

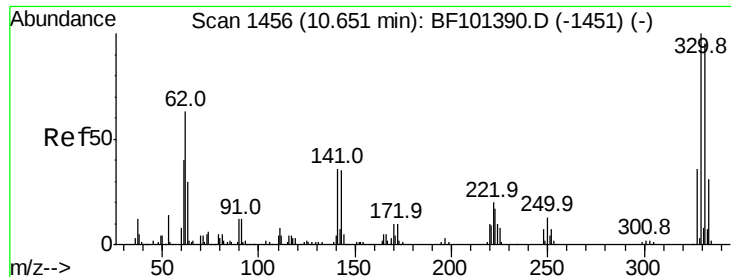
Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

160 47.8 38.3 57.5

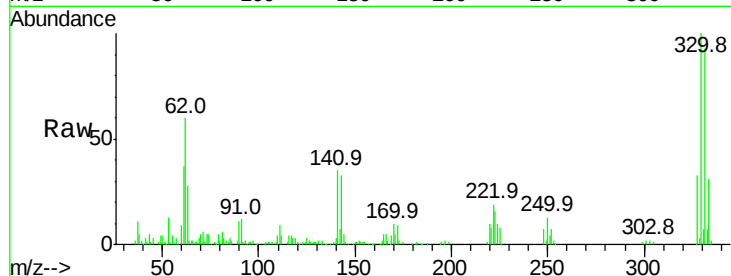




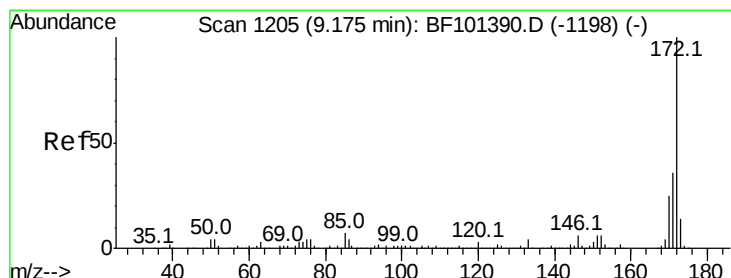
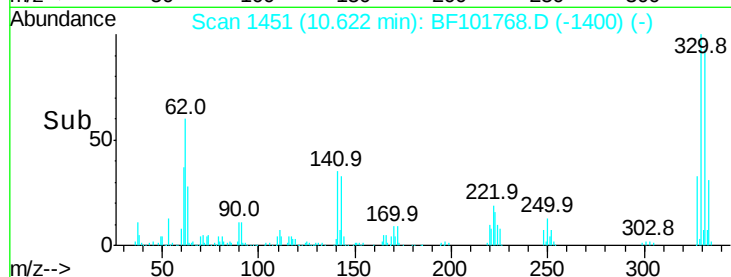
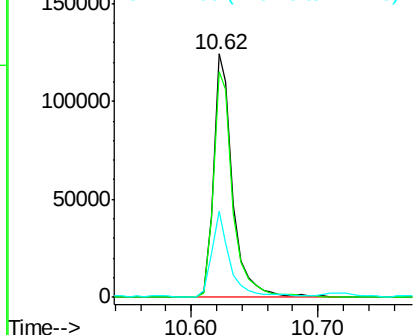
#41
 2,4,6-Tribromophenol
 Concen: 55.384 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101768.D
 Acq: 27 Dec 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	33.0	29.9	44.9

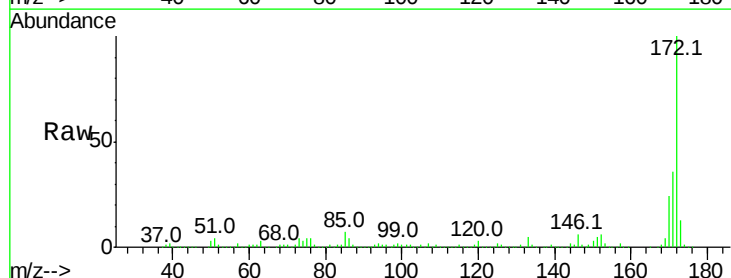


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

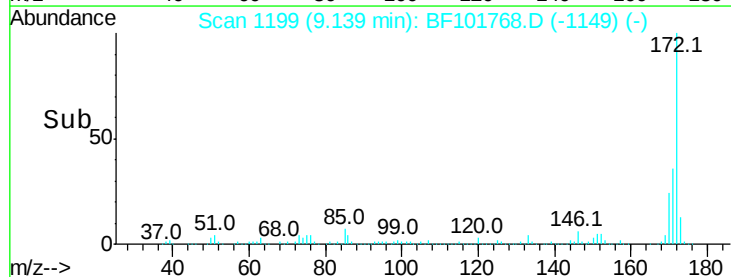
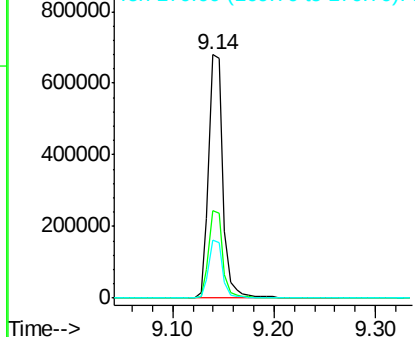


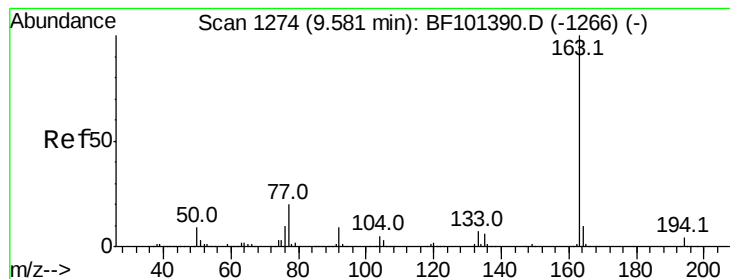
#44
 2-Fluorobiphenyl
 Concen: 41.787 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101768.D
 Acq: 27 Dec 2017 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	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: 5.238 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF101768.D

Acq: 27 Dec 2017 17:55

Instrument :

BNA_F

ClientSampled :

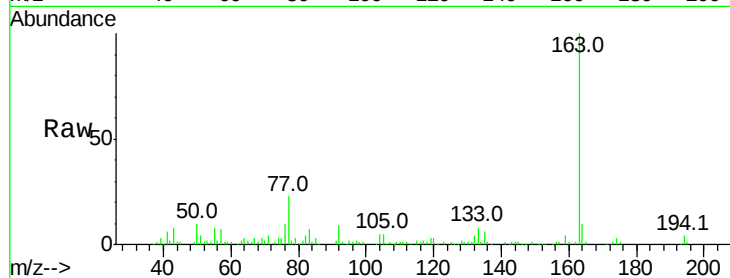
Tot Ion:163 Resp: 104336

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

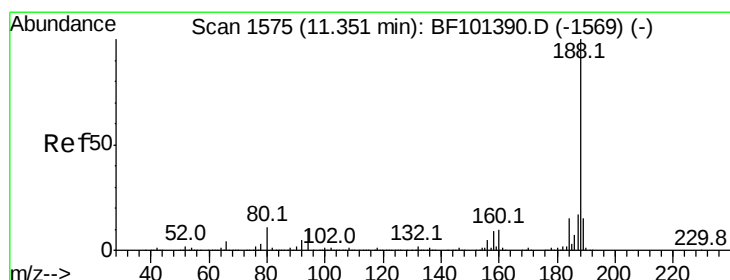
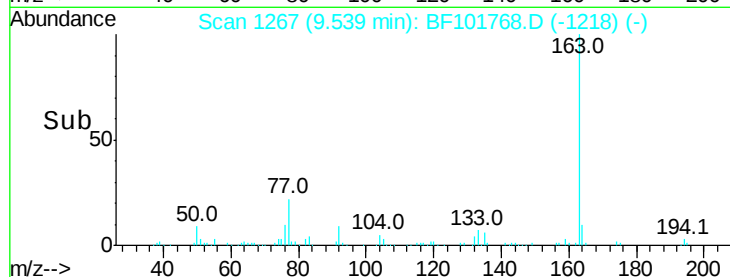
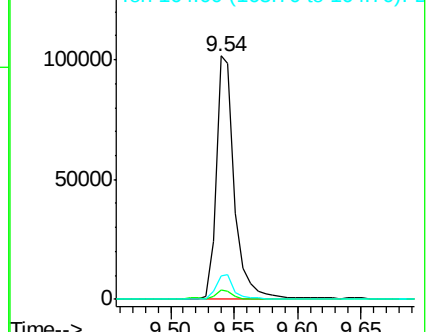
164 9.6 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF101768.D

Acq: 27 Dec 2017 17:55

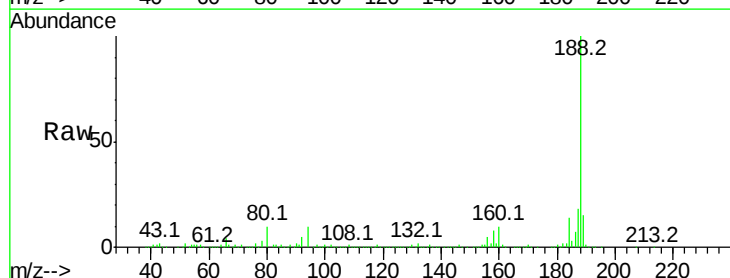
Tgt Ion:188 Resp: 401987

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

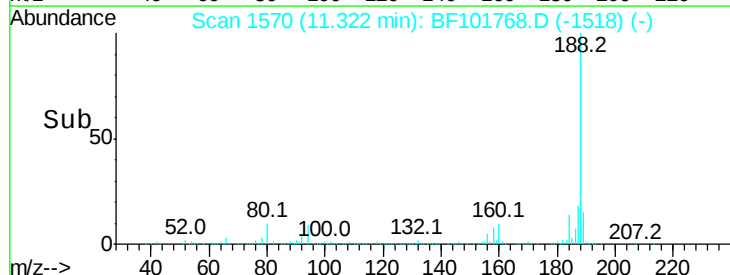
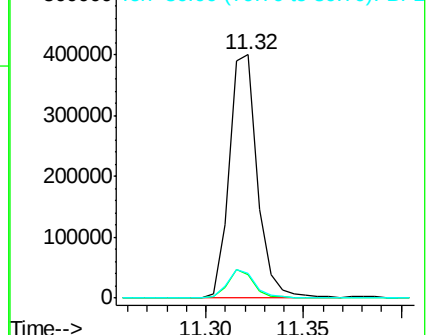
80 10.4 9.2 13.8

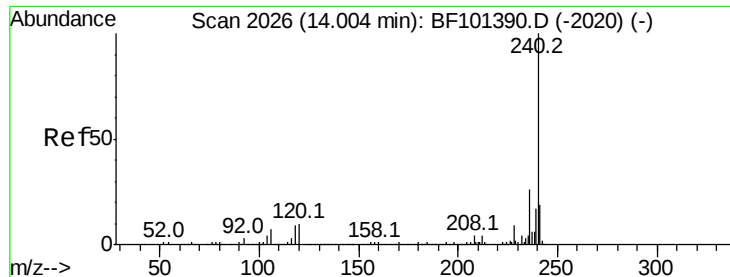


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101768.D

Acq: 27 Dec 2017 17:55

Instrument :

BNA_F

ClientSampleId :

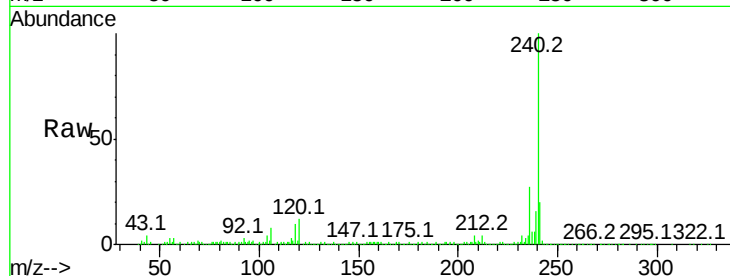
Tot Ion:240 Resp: 298671

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

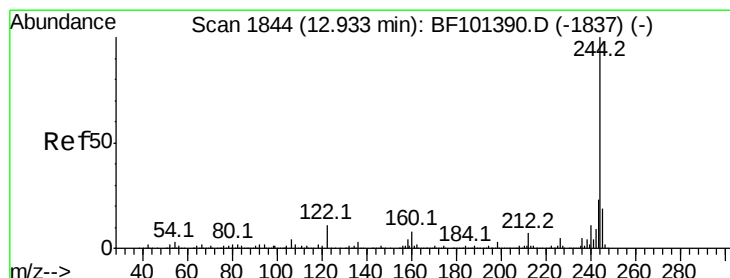
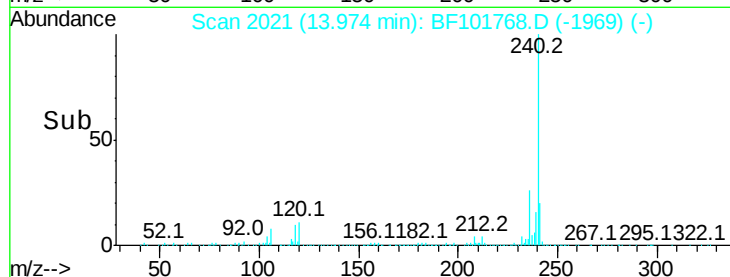
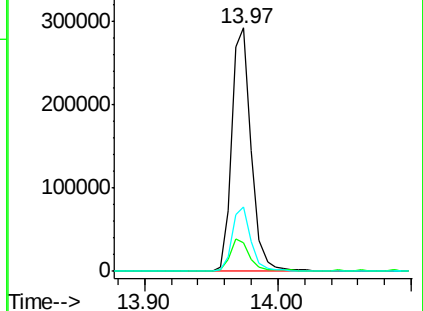
236 26.7 20.7 31.1



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: 37.563 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101768.D

Acq: 27 Dec 2017 17:55

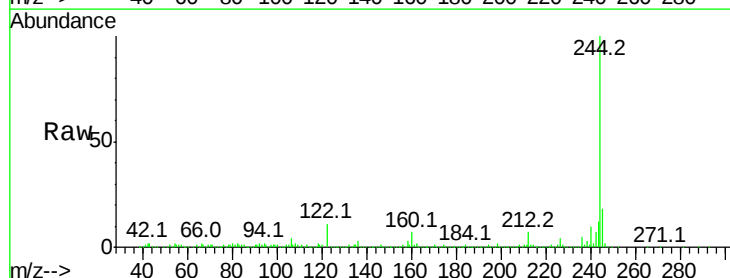
Tgt Ion:244 Resp: 465364

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

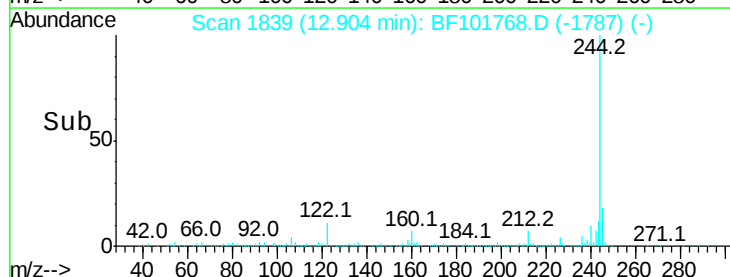
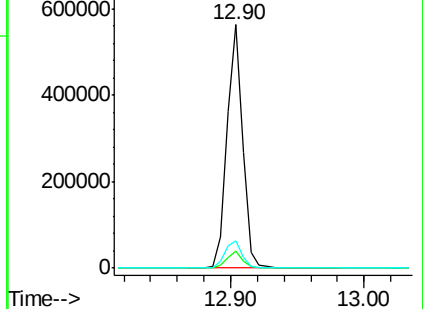
122 11.1 11.0 16.4

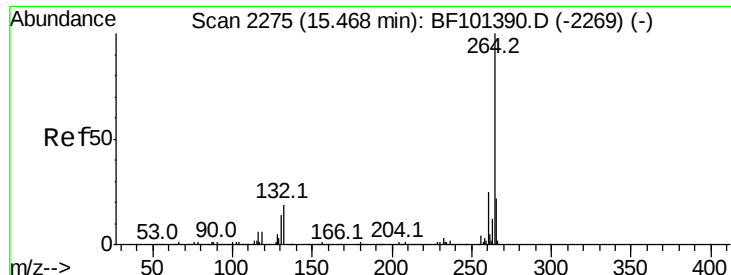


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

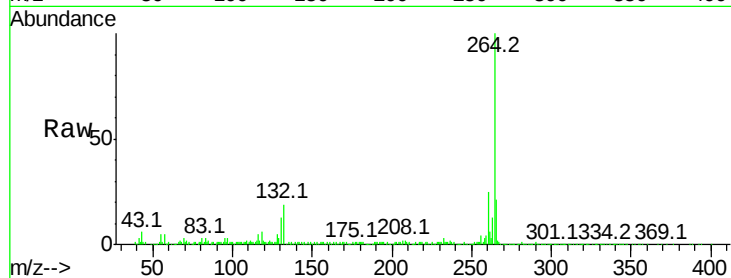




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF101768.D
 Acq: 27 Dec 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	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

