

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101767.D
 Acq On : 27 Dec 2017 17:28
 Operator : SJ/JU
 Sample : I6685-05 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:05:22 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

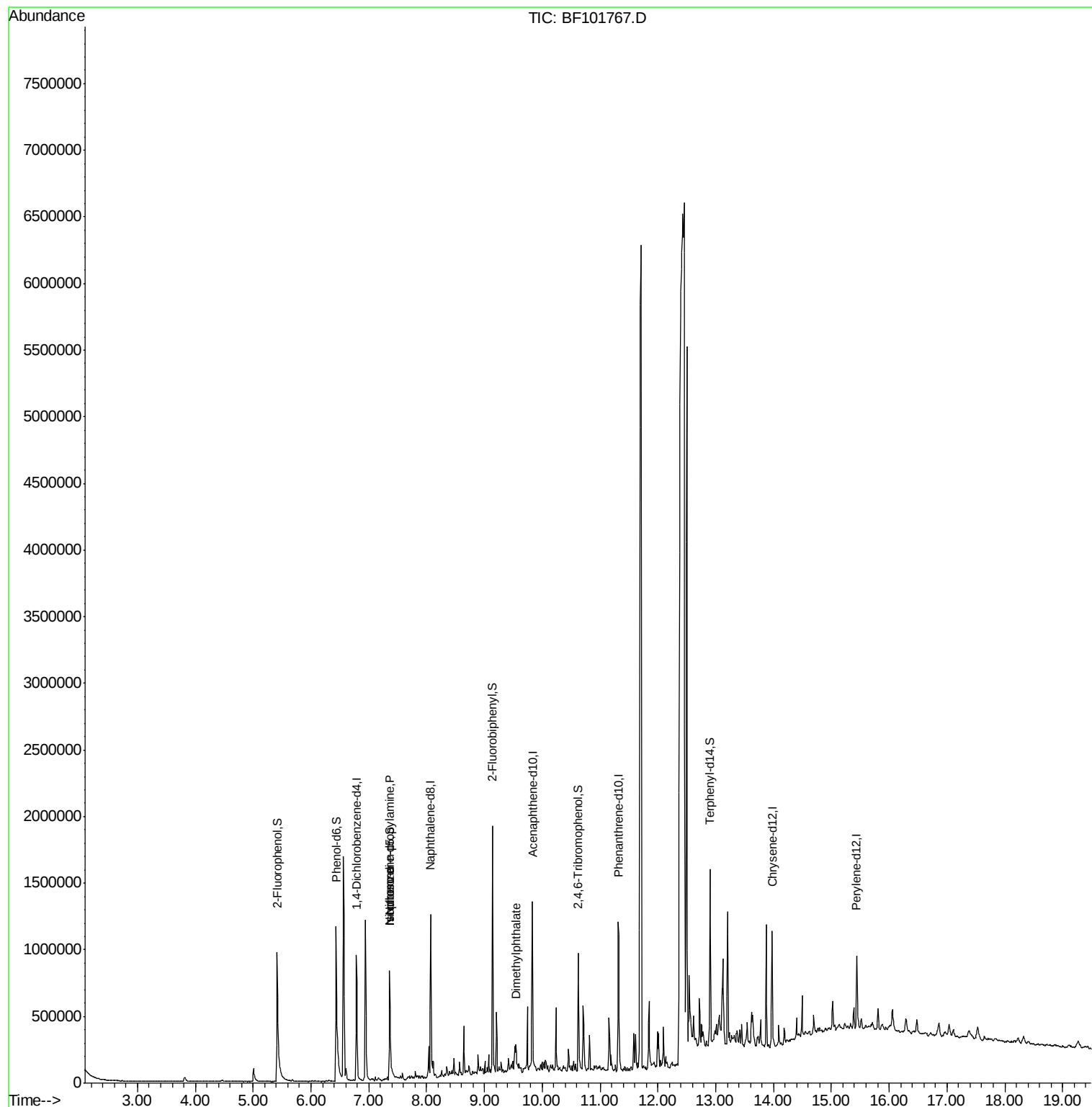
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	158919	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	627828	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	263662	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	437434	20.00	ng	0.00
75) Chrysene-d12	13.97	240	324393	20.00	ng	0.00
86) Perylene-d12	15.44	264	320574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	544096	51.00	ng	0.01
7) Phenol-d6	6.43	99	660101	49.72	ng	0.00
23) Nitrobenzene-d5	7.36	82	390936	34.66	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	120876	47.58	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	597243	35.14	ng	0.00
78) Terphenyl-d14	12.90	244	432905	32.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	54770	6.281	ng	# 82
25) Isophorone	7.36	82	390936	17.279	ng	# 64
49) Dimethylphthalate	9.55	163	68288	3.220	ng	100

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

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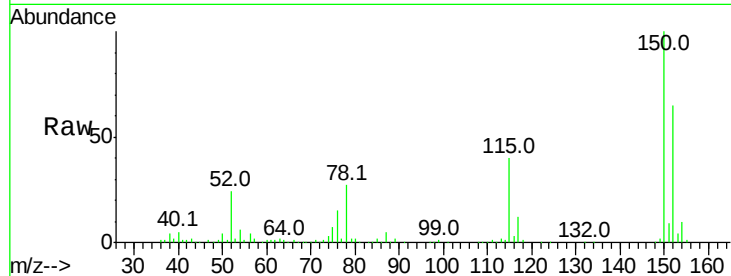


#1

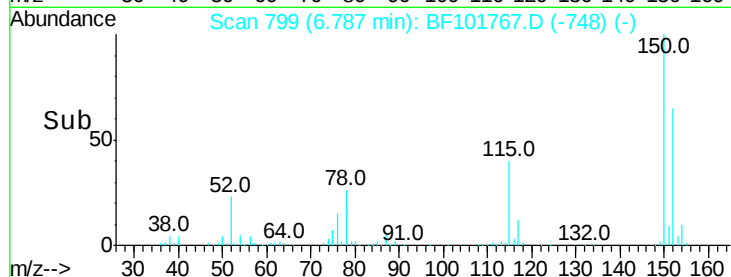
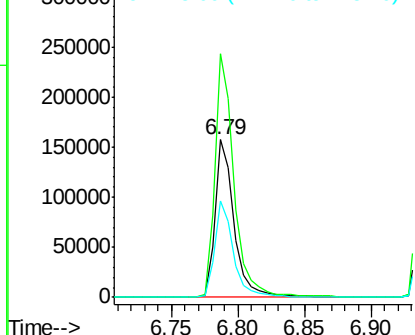
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101767.D
Acq: 27 Dec 2017 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158919
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 61.3 50.1 75.1



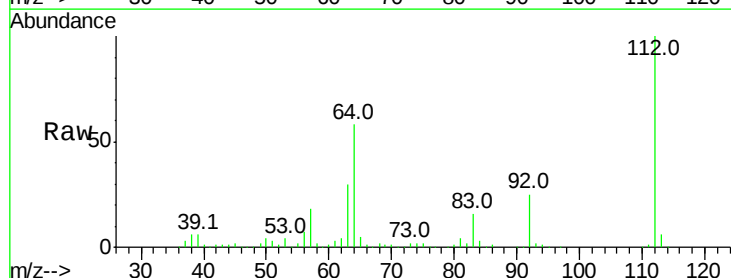
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



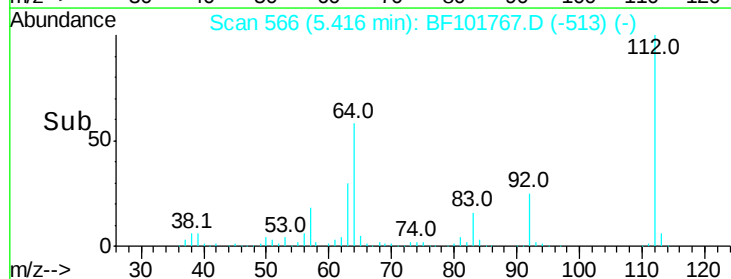
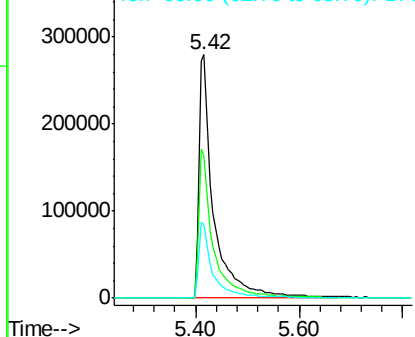
#5

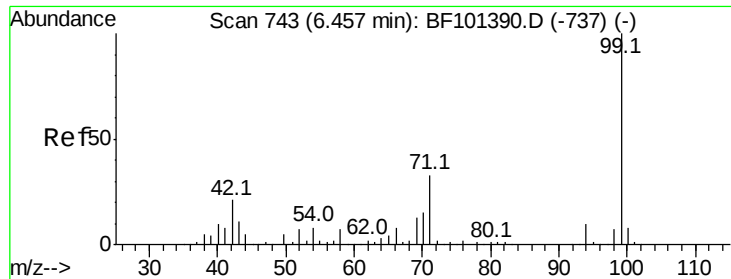
2-Fluorophenol
Concen: 50.999 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101767.D
Acq: 27 Dec 2017 17:28

Tgt Ion:112 Resp: 544096
Ion Ratio Lower Upper
112 100
64 58.4 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: 49.715 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101767.D

Acq: 27 Dec 2017 17:28

Instrument :

BNA_F

ClientSampled :

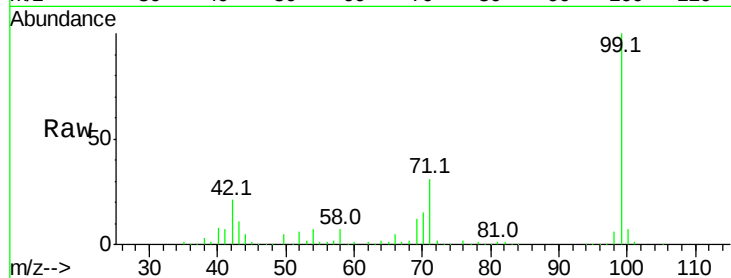
Tot Ion: 99 Resp: 660101

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

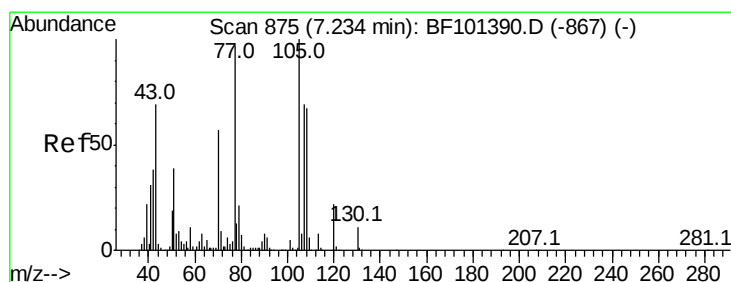
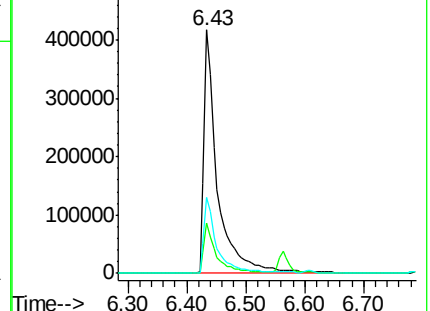
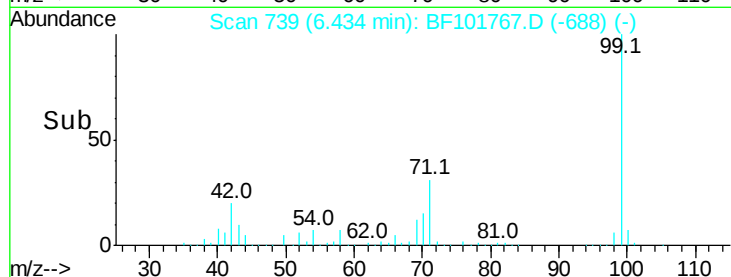
71 31.1 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.281 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101767.D

Acq: 27 Dec 2017 17:28

Tgt Ion: 70 Resp: 54770

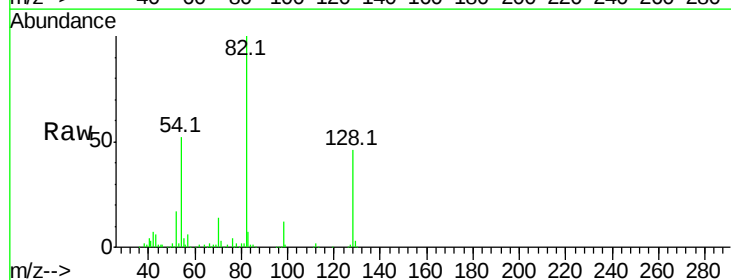
Ion Ratio Lower Upper

70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

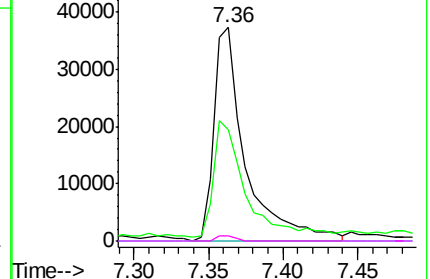
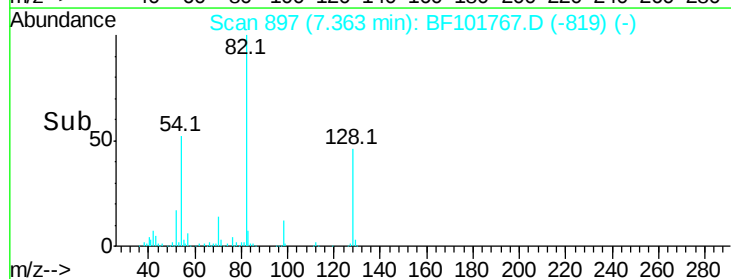


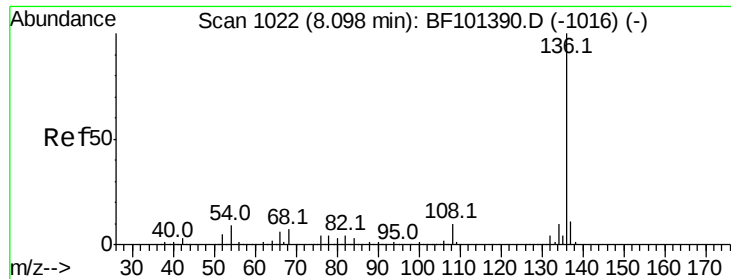
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

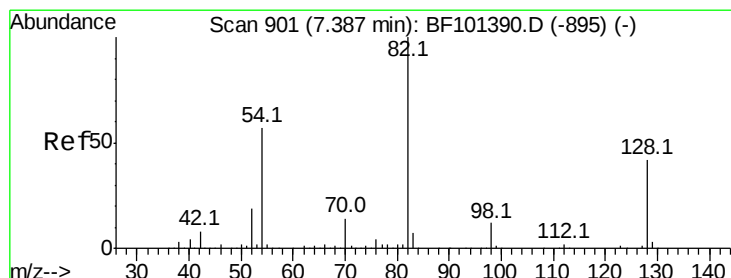
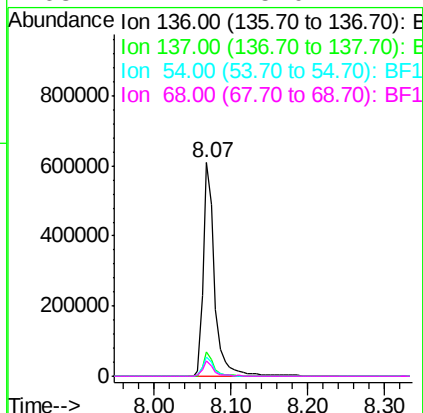
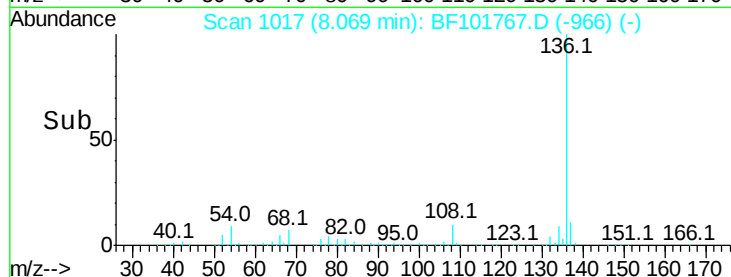
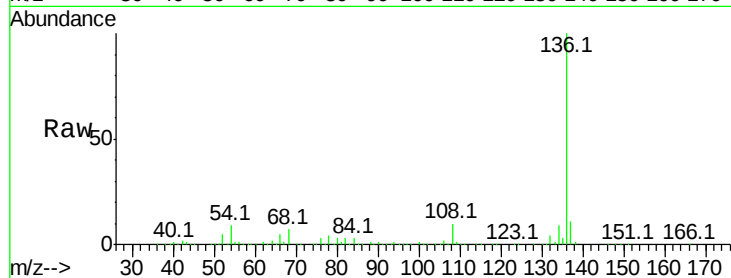




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101767.D
Acq: 27 Dec 2017 17:28

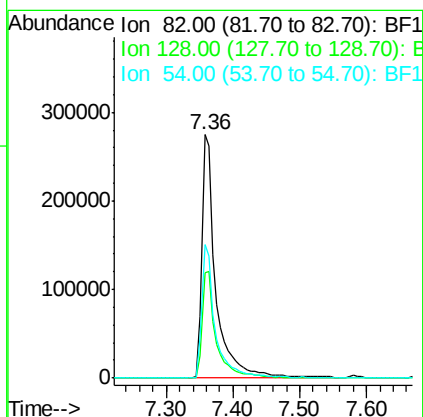
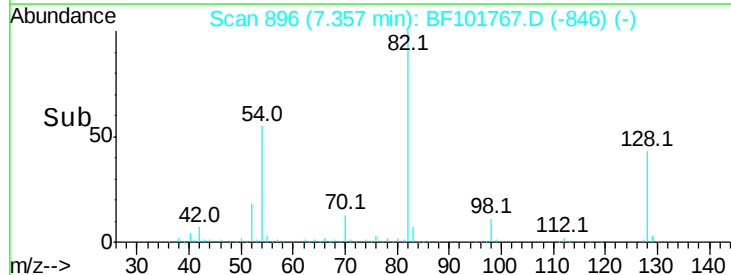
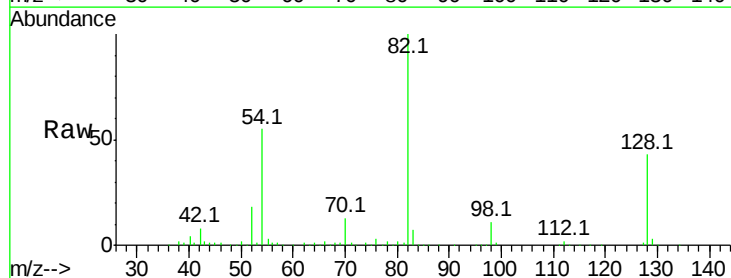
Instrument :
BNA_F
ClientSampled :

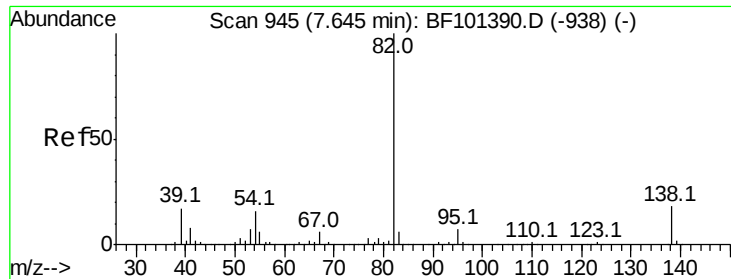
Tot Ion:136	Resp:	627828	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.9	13.3	
54 8.8	6.6	9.8	
68 7.1	5.0	7.4	



#23
Nitrobenzene-d5
Concen: 34.662 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101767.D
Acq: 27 Dec 2017 17:28

Tgt Ion: 82	Resp: 390936
Ion Ratio	Lower Upper
82 100	
128 43.1	36.1 54.1
54 54.9	41.4 62.2





#25

Isophorone

Concen: 17.279 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101767.D

Acq: 27 Dec 2017 17:28

Instrument :

BNA_F

ClientSampleId :

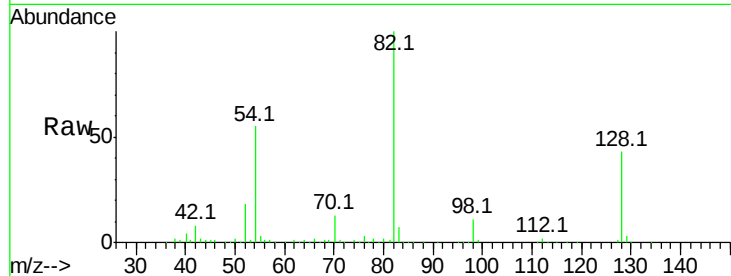
Tot Ion: 82 Resp: 390936

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

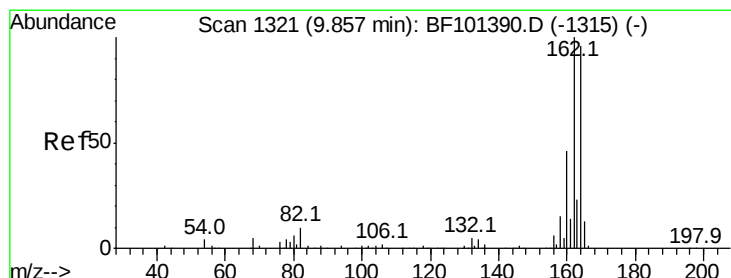
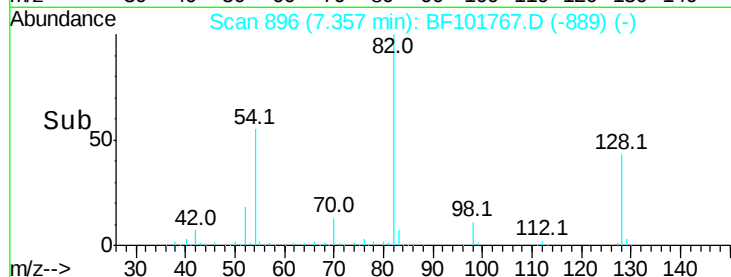
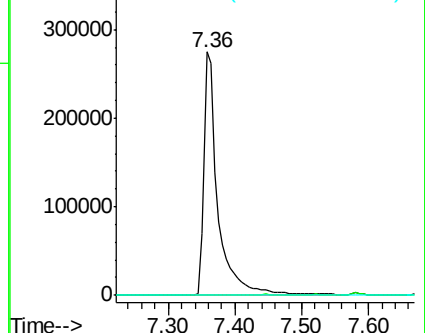
138 0.0 14.9 22.3#



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: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101767.D

Acq: 27 Dec 2017 17:28

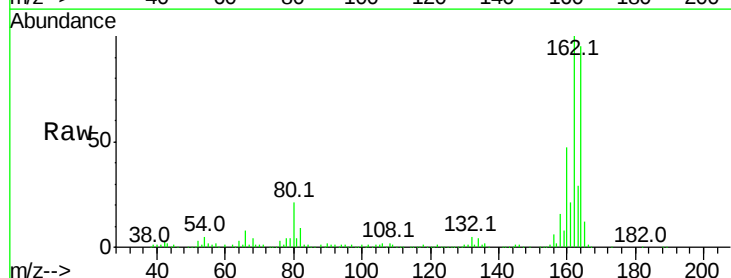
Tgt Ion:164 Resp: 263662

Ion Ratio Lower Upper

164 100

162 105.0 86.1 129.1

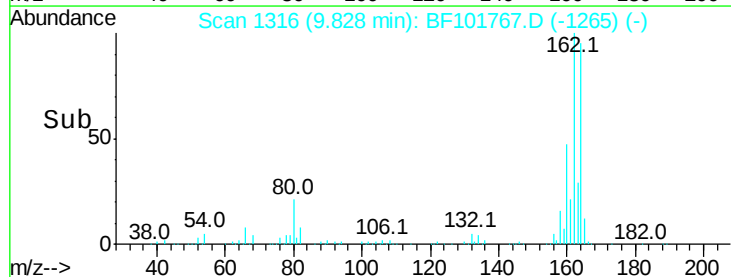
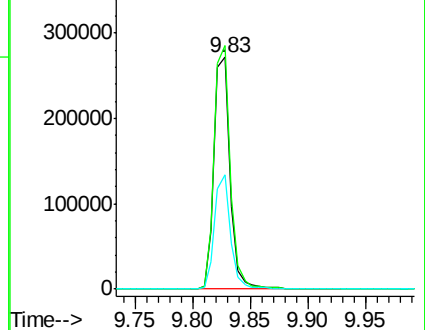
160 49.2 38.3 57.5



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

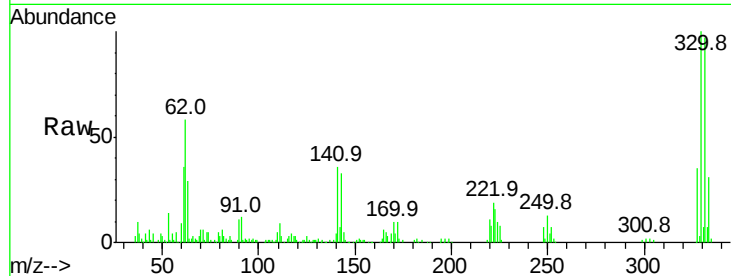




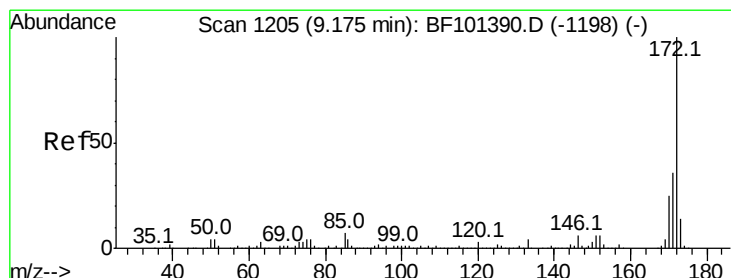
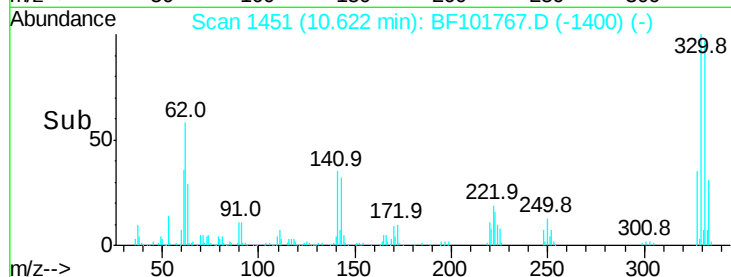
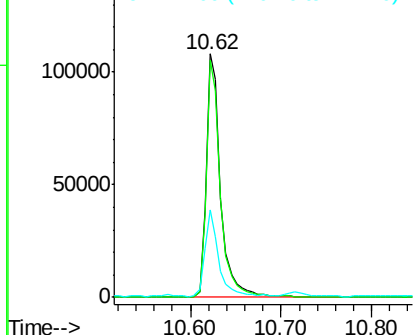
#41
 2,4,6-Tribromophenol
 Concen: 47.578 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101767.D
 Acq: 27 Dec 2017 17:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 120876
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 36.2 29.9 44.9

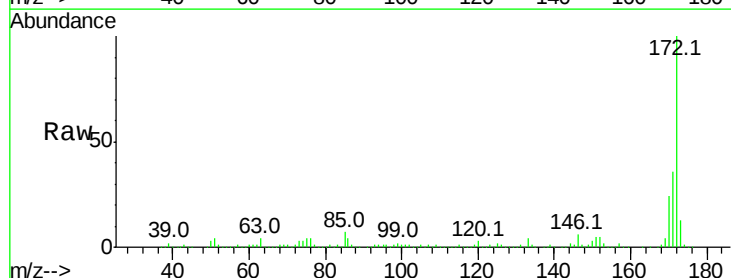


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

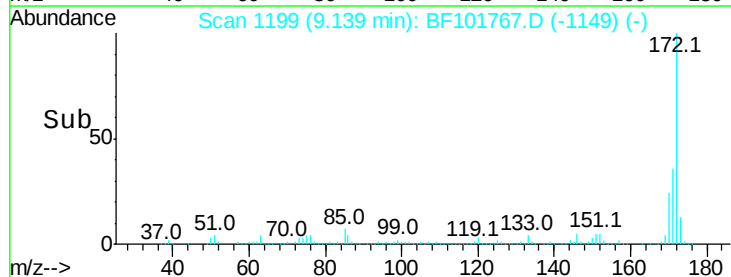
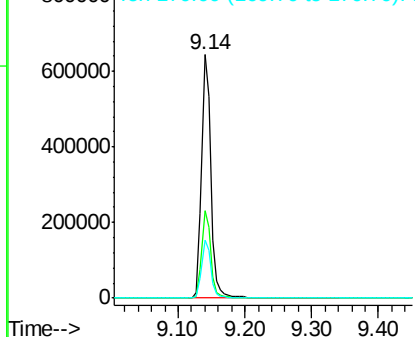


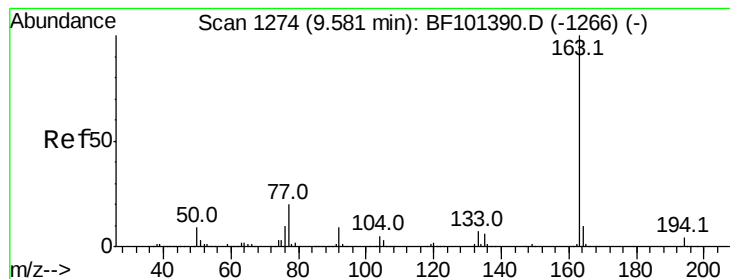
#44
 2-Fluorobiphenyl
 Concen: 35.138 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101767.D
 Acq: 27 Dec 2017 17:28

Tgt Ion:172 Resp: 597243
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.0 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





#49

Dimethylphthalate

Concen: 3.220 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101767.D

Acq: 27 Dec 2017 17:28

Instrument :

BNA_F

ClientSampleId :

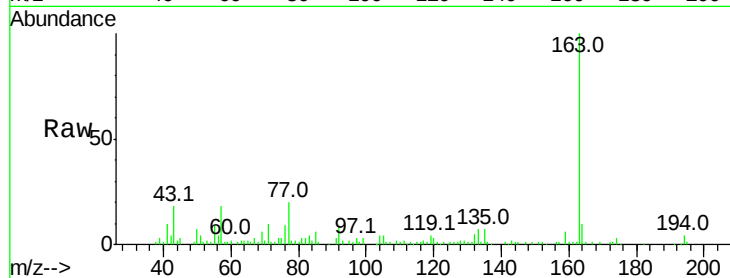
Tot Ion:163 Resp: 68288

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

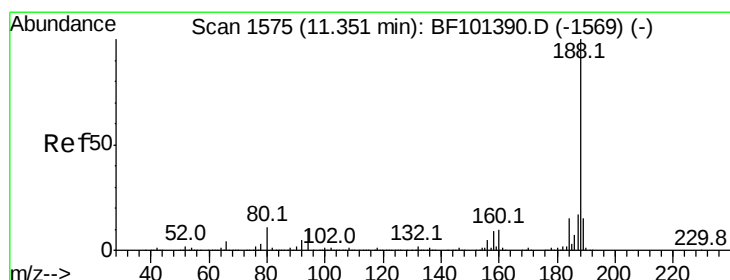
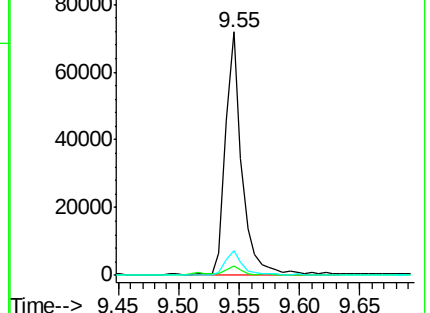
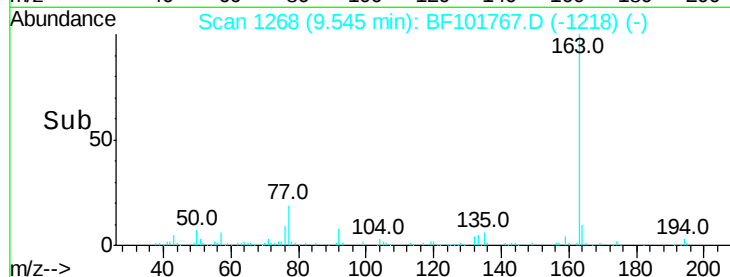
164 10.2 8.2 12.2



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# 1569

Delta R.T. -0.00 min

Lab File: BF101767.D

Acq: 27 Dec 2017 17:28

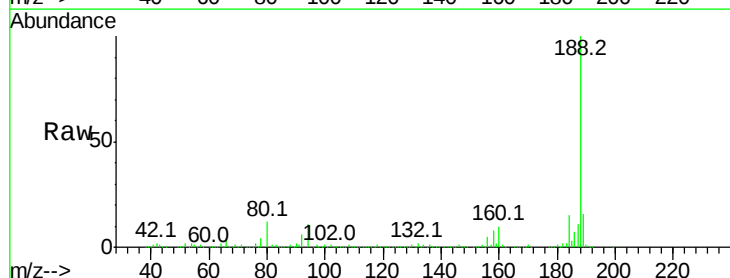
Tgt Ion:188 Resp: 437434

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

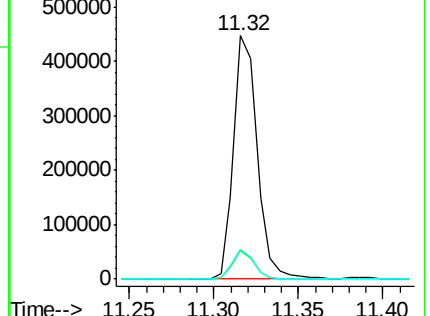
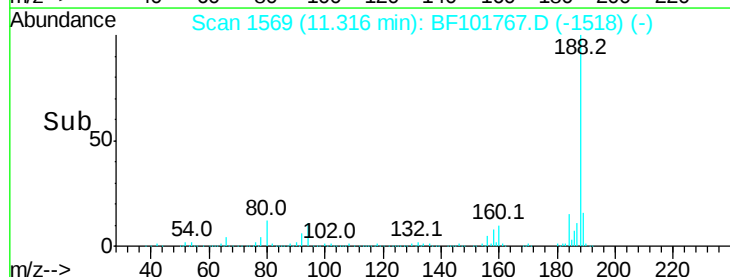
80 12.2 9.2 13.8

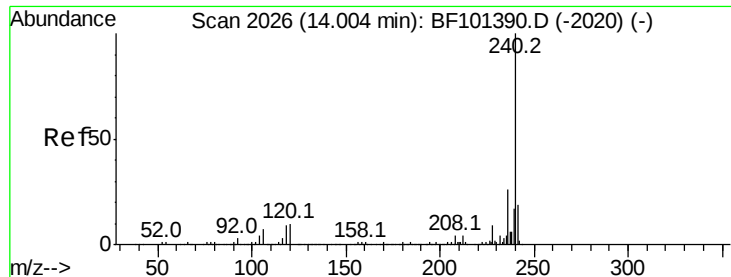


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101767.D

Acq: 27 Dec 2017 17:28

Instrument :

BNA_F

ClientSampleId :

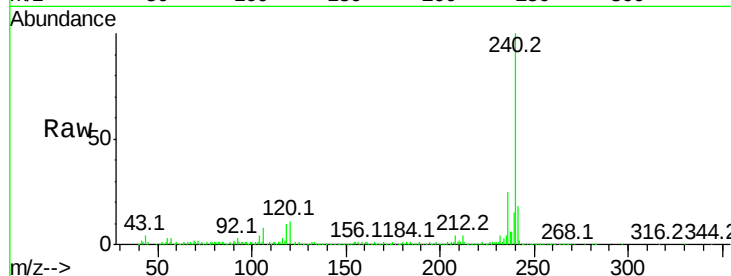
Tot Ion:240 Resp: 324393

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

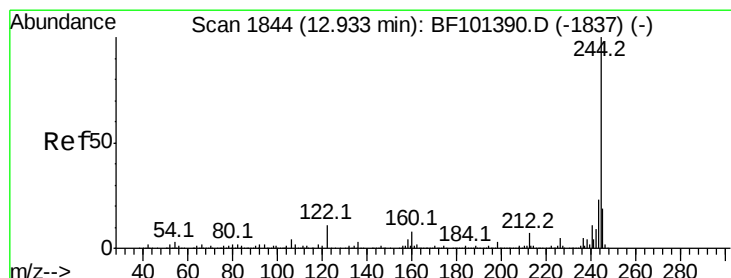
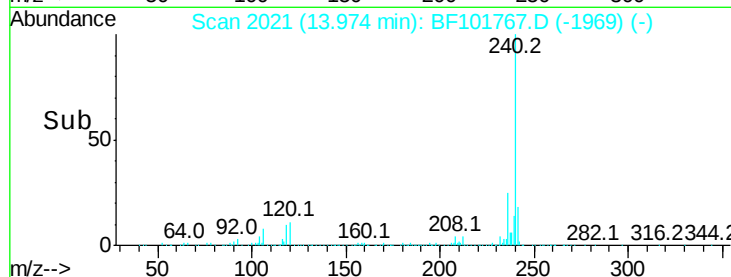
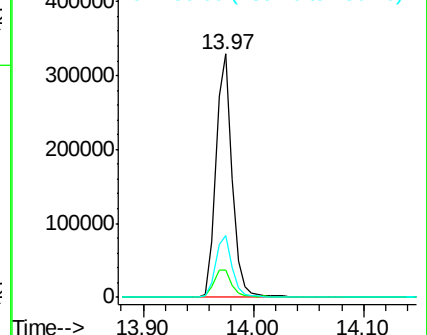
236 25.2 20.7 31.1



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: 32.172 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101767.D

Acq: 27 Dec 2017 17:28

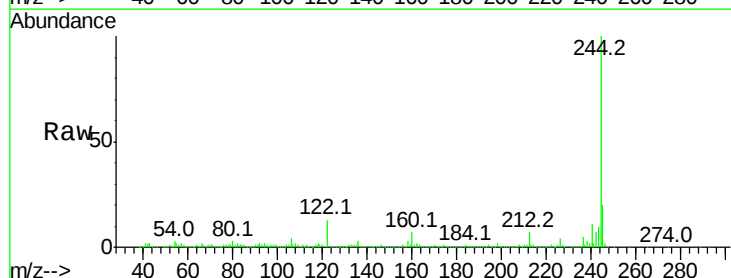
Tgt Ion:244 Resp: 432905

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

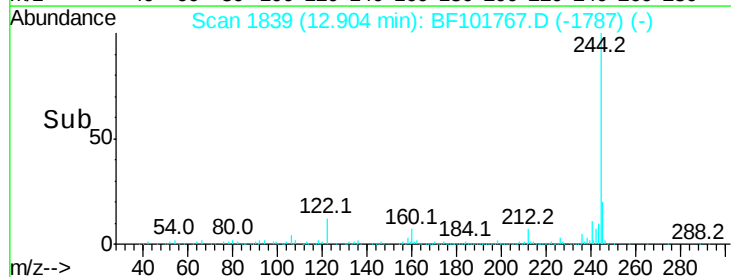
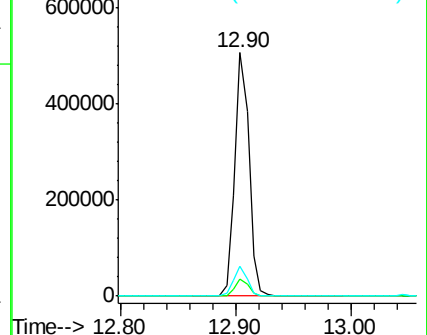
122 12.5 11.0 16.4

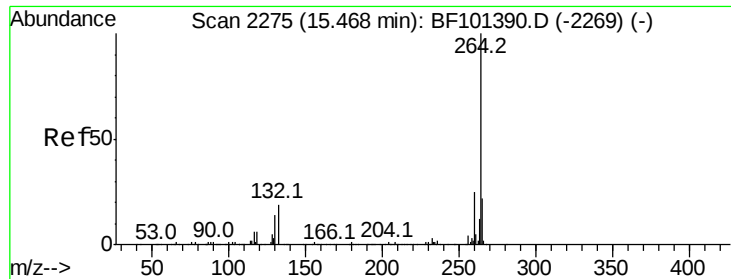


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

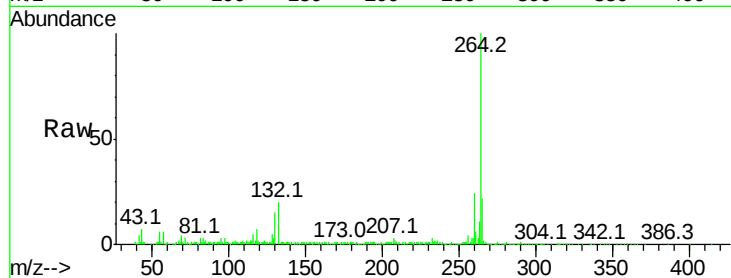




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101767.D
Acq: 27 Dec 2017 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	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

