

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101128.D
 Acq On : 5 Dec 2017 17:00
 Operator : SJ/JU
 Sample : I6709-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-6(0-5)

Quant Time: Dec 05 17:32:30 2017
 Quant Title :
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

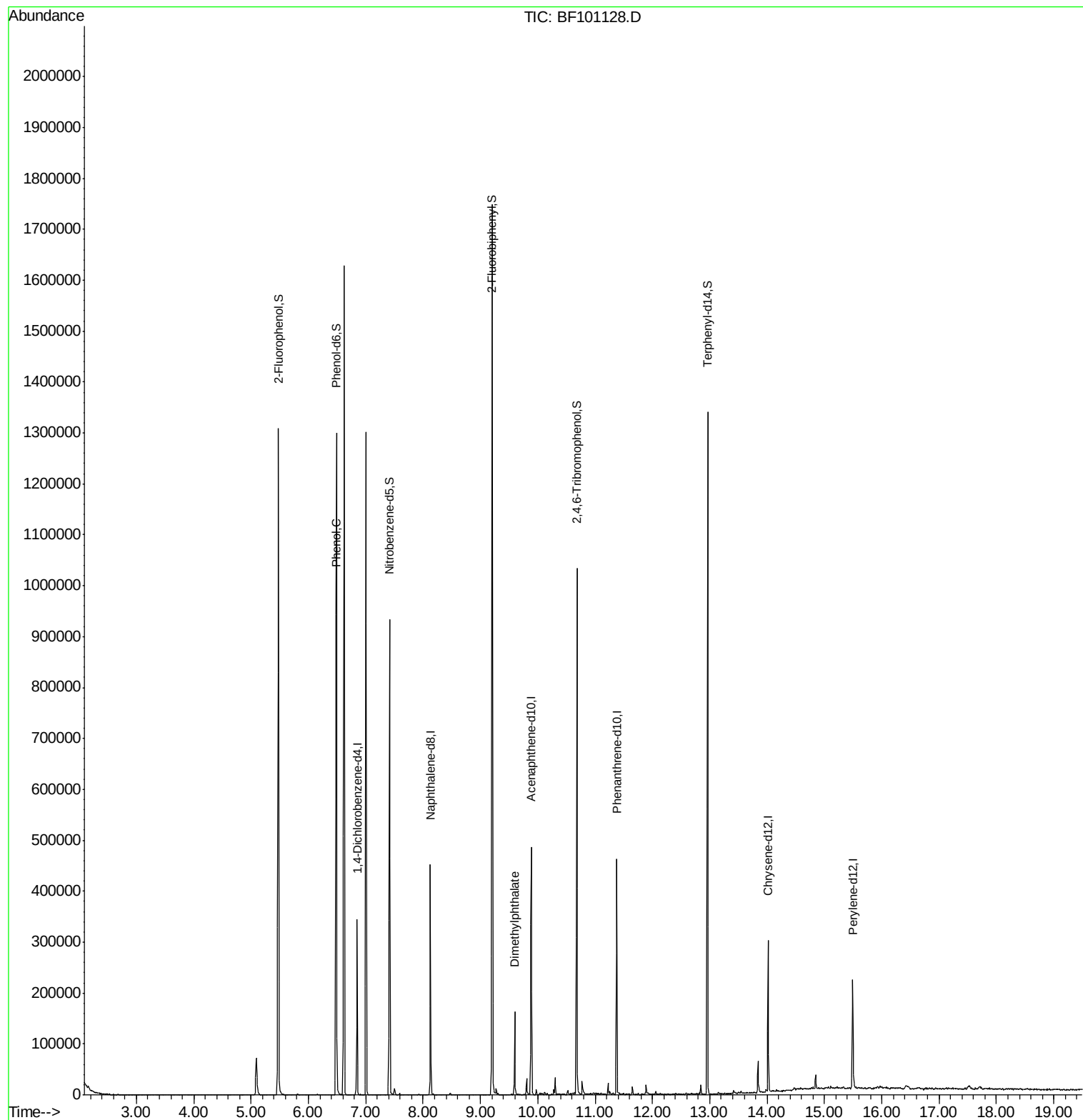
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52168	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	198822	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	90558	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	160657	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106749	20.00	ng	0.00
86) Perylene-d12	15.49	264	108599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	423198	134.05	ng	0.02
7) Phenol-d6	6.49	99	506439	132.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	303294	91.00	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	129043	118.62	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	607141	91.73	ng	0.00
78) Terphenyl-d14	12.96	244	481668	98.69	ng	0.00
Target Compounds						
10) Phenol	6.50	94	12160	2.853	ng	Ovalue 94
49) Dimethylphthalate	9.60	163	64547	8.838	ng	# 98

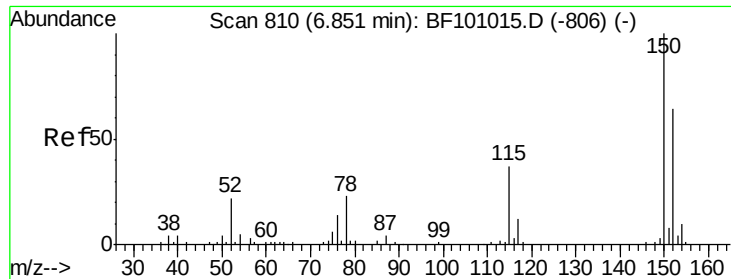
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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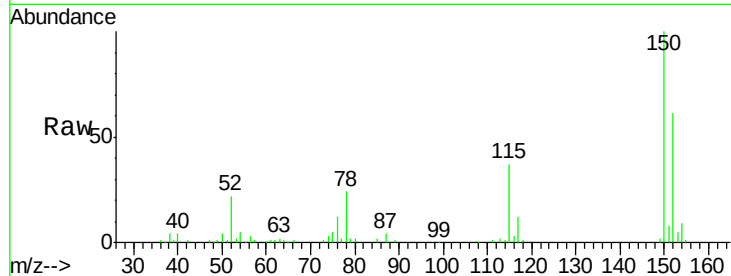


#1

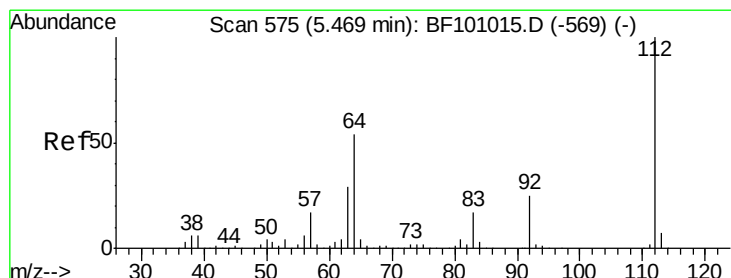
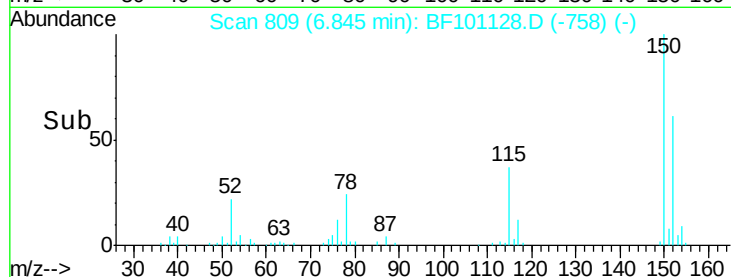
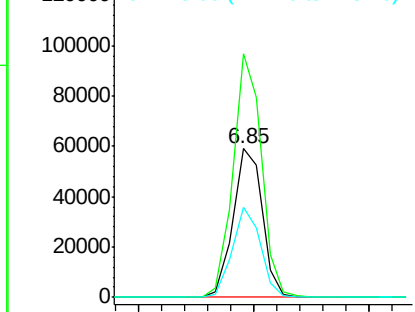
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)

Tot Ion:152 Resp: 52168
Ion Ratio Lower Upper
152 100
150 163.6 124.6 186.8
115 60.4 50.1 75.1



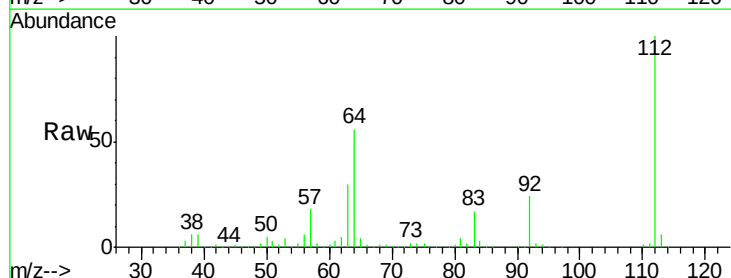
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



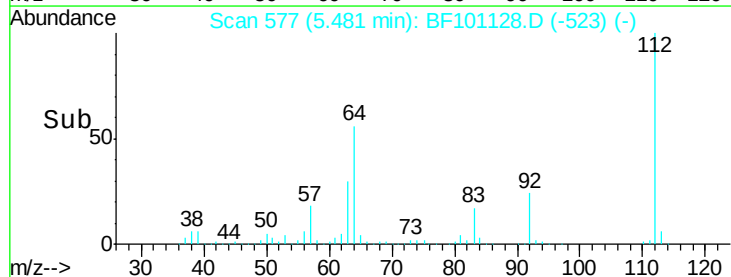
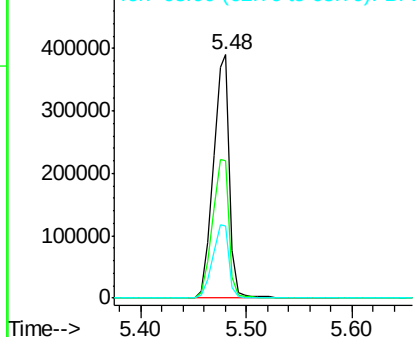
#5

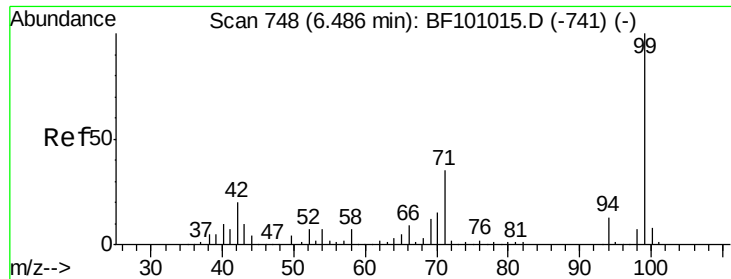
2-Fluorophenol
Concen: 134.050 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Tgt Ion:112 Resp: 423198
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 29.6 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: 132.128 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

Instrument :

BNA_F

ClientSampleId :

ENV-105-6(0-5)

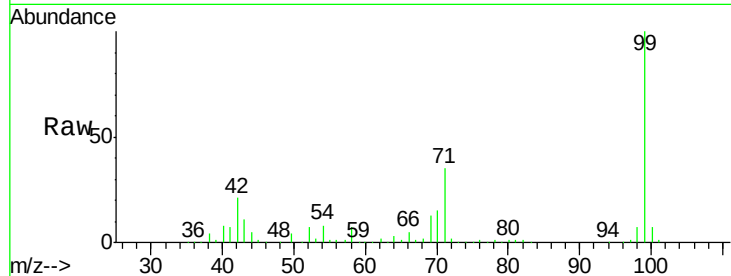
Tot Ion: 99 Resp: 506439

Ion Ratio Lower Upper

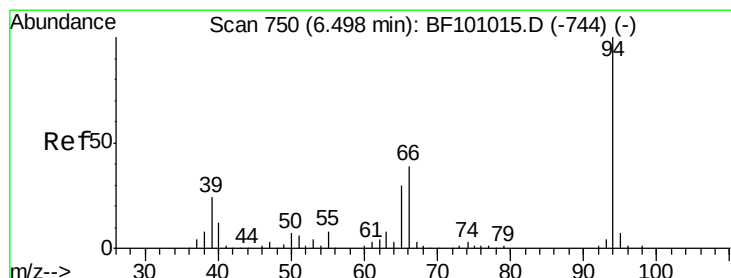
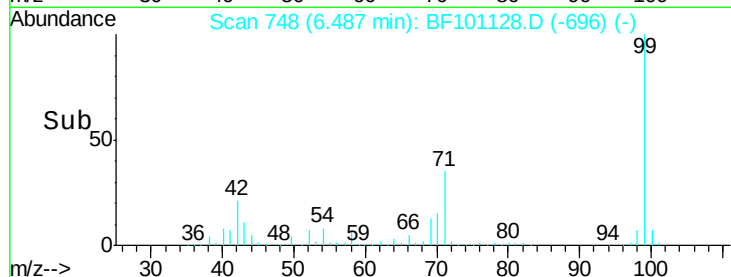
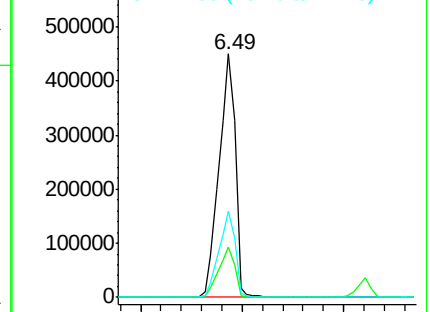
99 100

42 20.8 14.5 21.7

71 35.2 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



#10

Phenol

Concen: 2.853 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

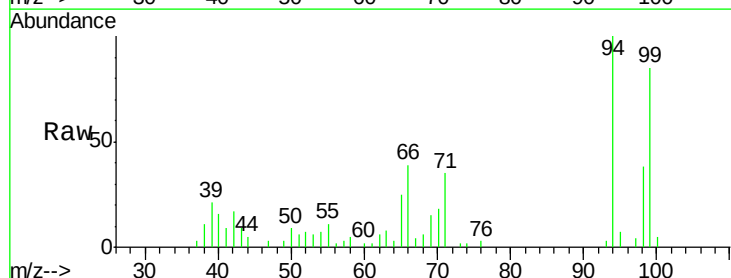
Tgt Ion: 94 Resp: 12160

Ion Ratio Lower Upper

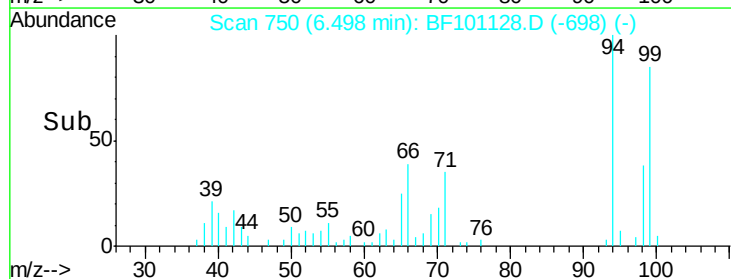
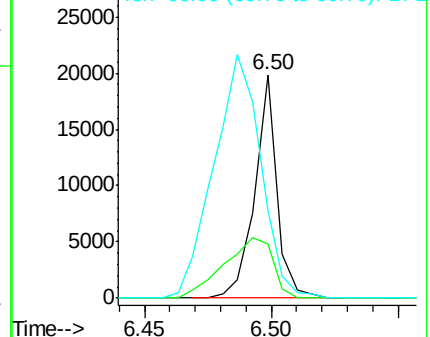
94 100

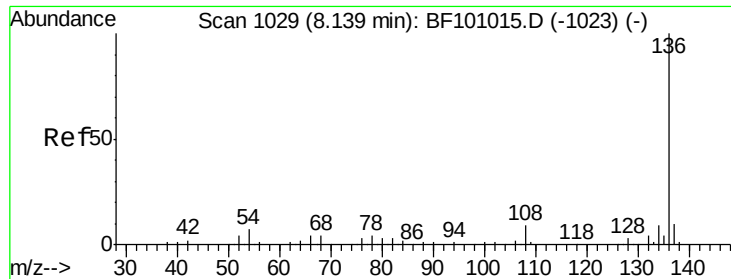
65 24.5 7.9 47.9

66 39.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

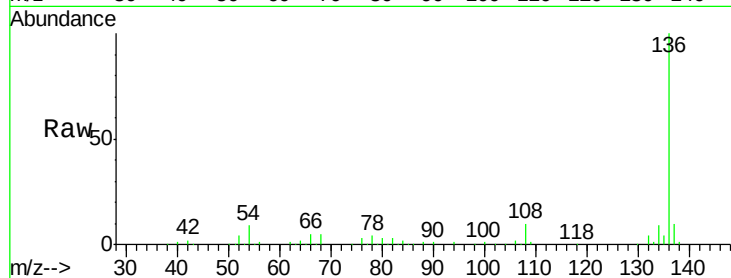




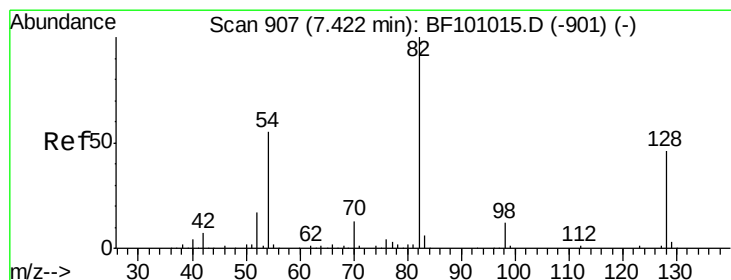
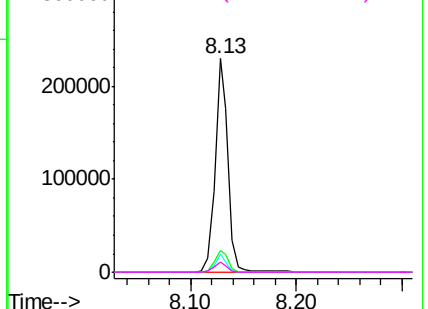
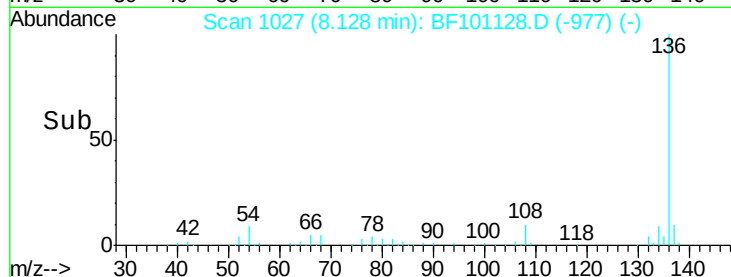
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)

Tot Ion:136 Resp: 198822
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 8.5 6.6 9.8
68 4.9 5.0 7.4#

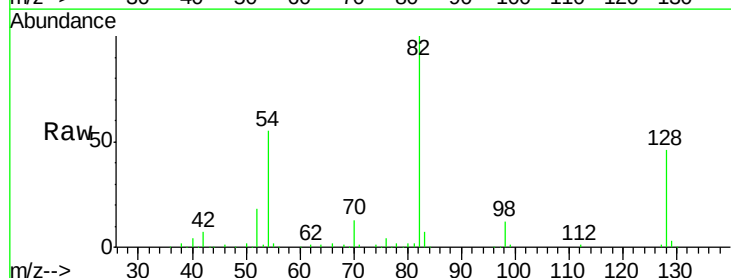


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

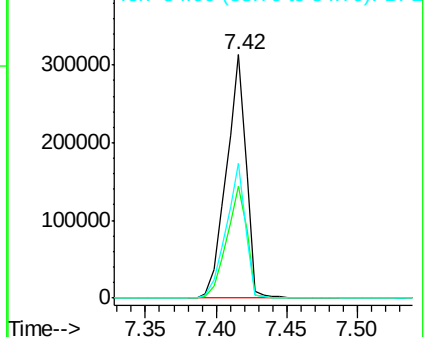
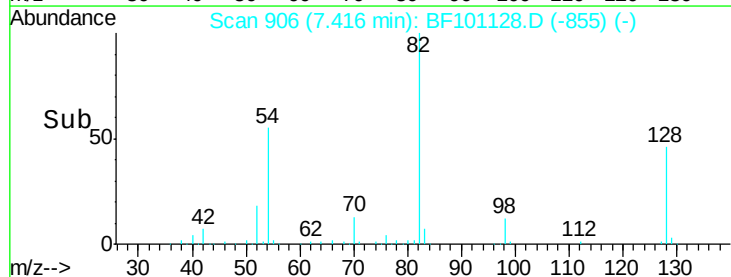


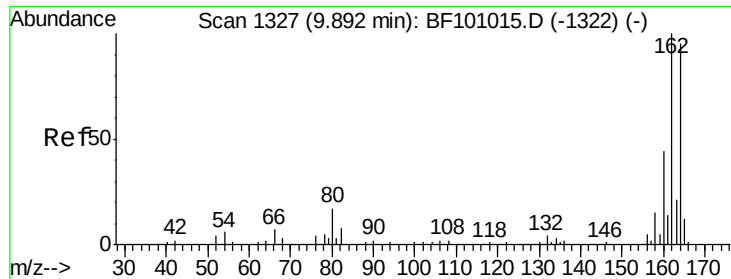
#23
Nitrobenzene-d5
Concen: 90.998 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Tgt Ion: 82 Resp: 303294
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 55.4 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

Instrument :

BNA_F

ClientSampleId :

ENV-105-6(0-5)

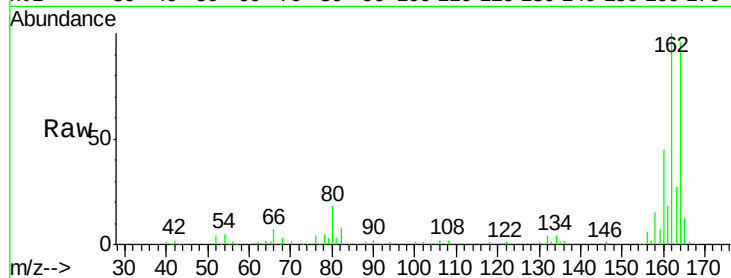
Tot Ion:164 Resp: 90558

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

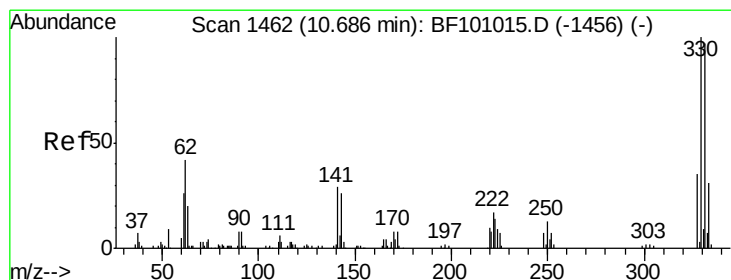
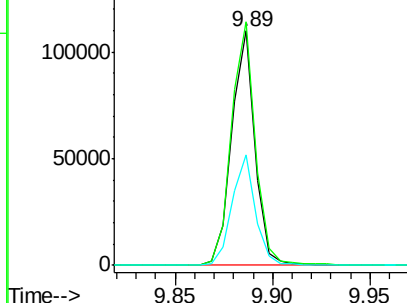
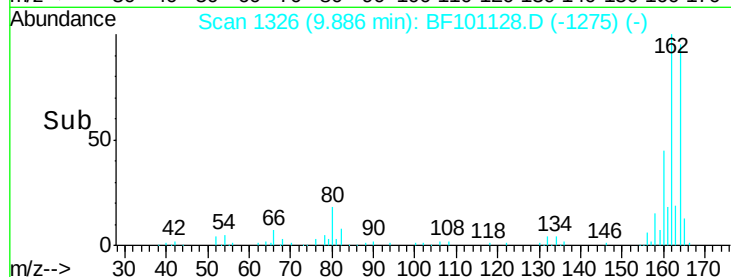
160 46.8 38.3 57.5



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: 118.621 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

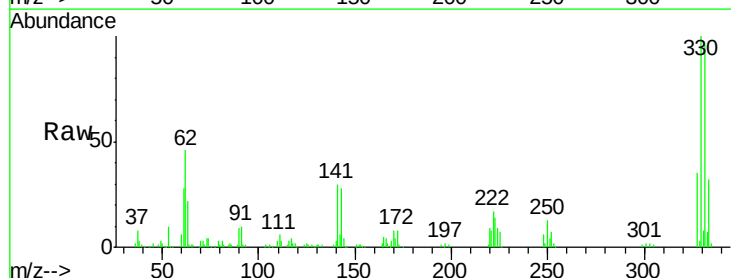
Tgt Ion:330 Resp: 129043

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

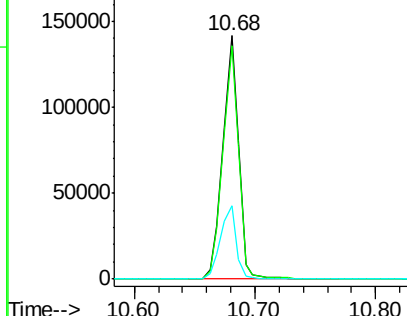
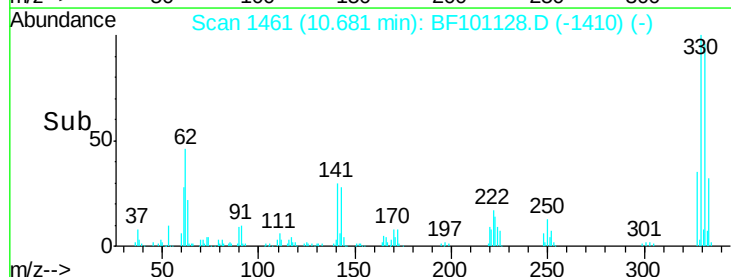
141 29.9 29.9 44.9#

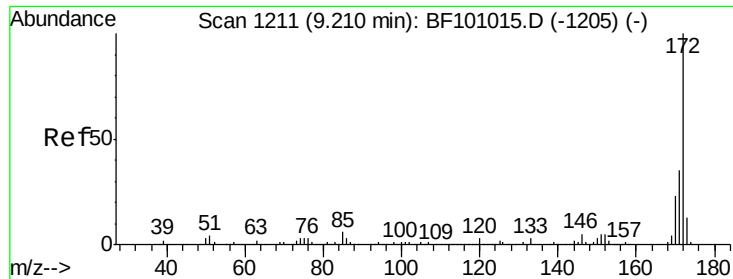


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

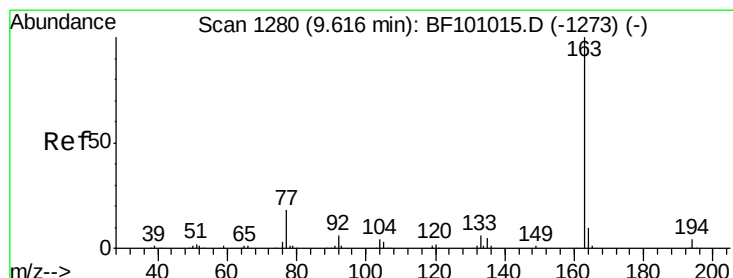
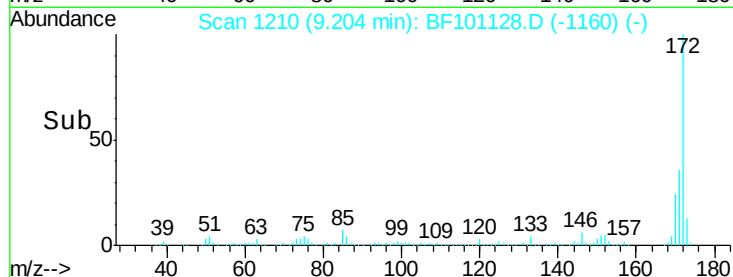
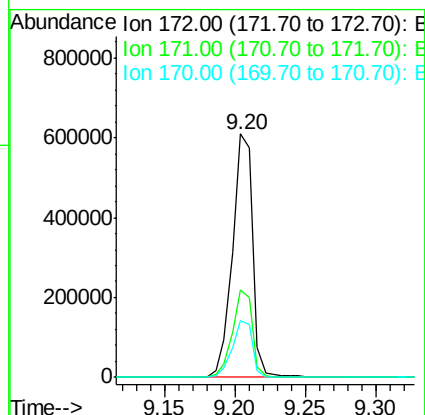
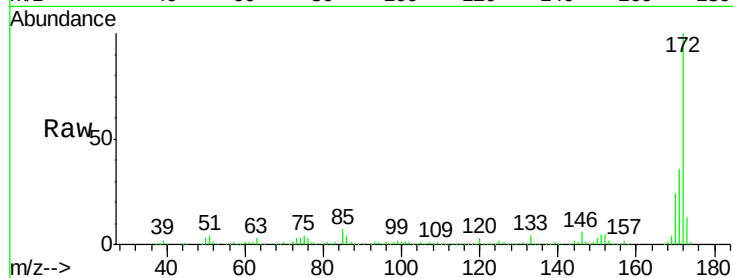




#44
2-Fluorobiphenyl
Concen: 91.730 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

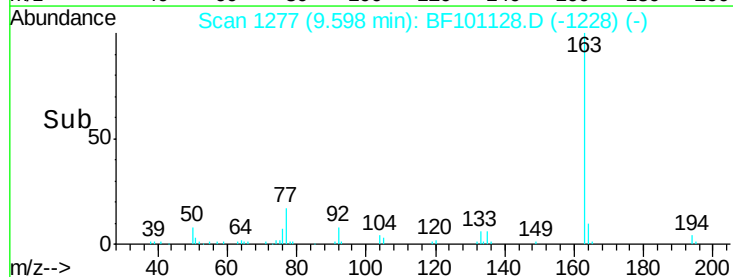
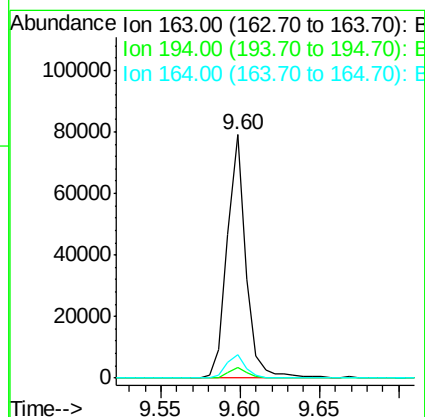
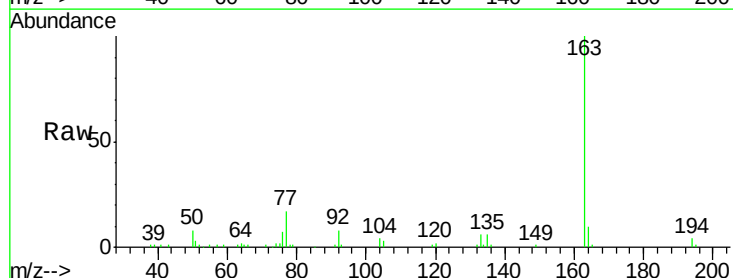
Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)

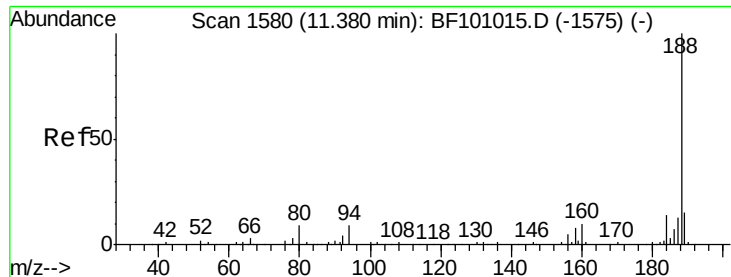
Tot Ion:172 Resp: 607141
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 8.838 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Tgt Ion:163 Resp: 64547
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.7 8.2 12.2

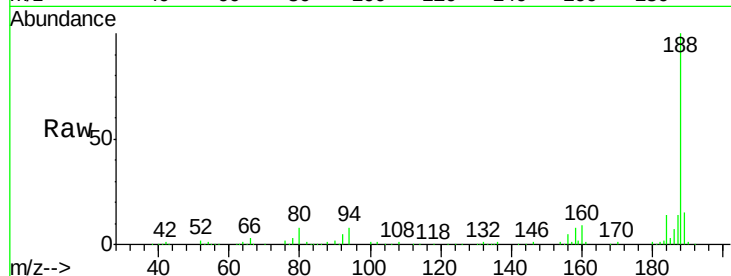




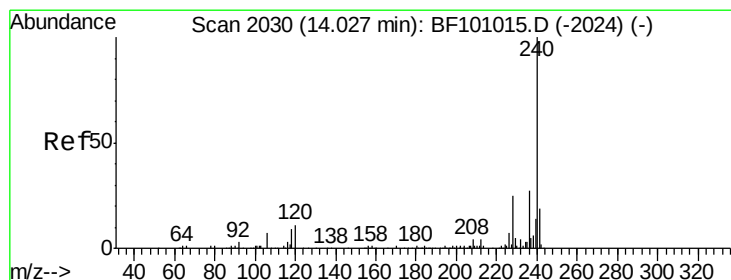
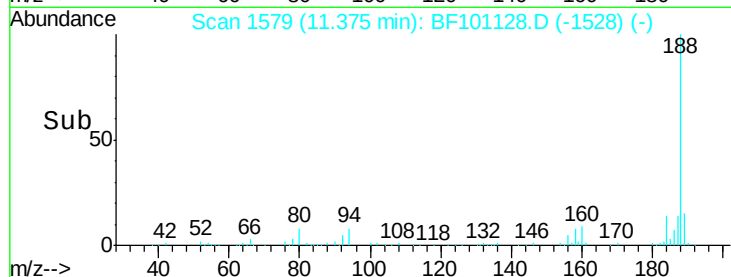
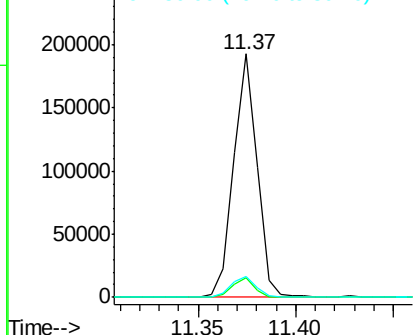
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Instrument :
BNA_F
ClientSampleId :
ENV-105-6(0-5)

Tot Ion	188	Resp	160657
Ion Ratio	100		
Lower	8.5		
Upper	12.7		
94	7.9		
80	8.4		
	9.2		
	13.8		

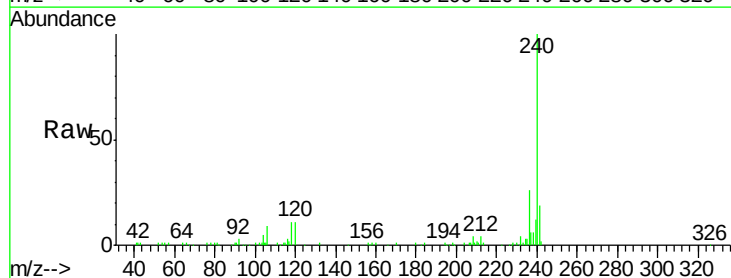


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

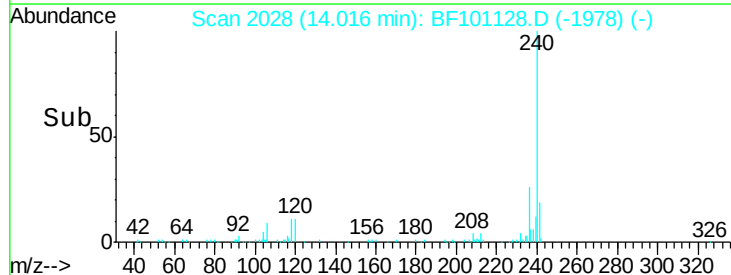
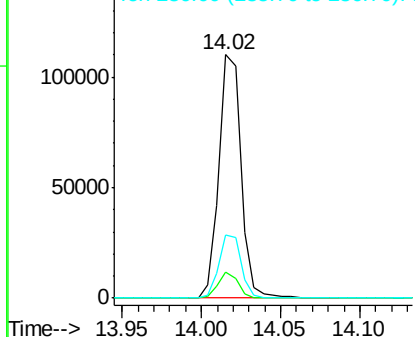


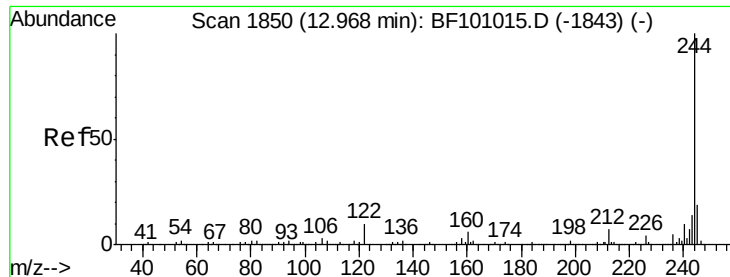
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101128.D
Acq: 5 Dec 2017 17:00

Tgt Ion	240	Resp	106749
Ion Ratio	100		
Lower	9.5		
Upper	14.3		
120	10.7		
236	25.9		
	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: 98.693 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

Instrument :

BNA_F

ClientSampleId :

ENV-105-6(0-5)

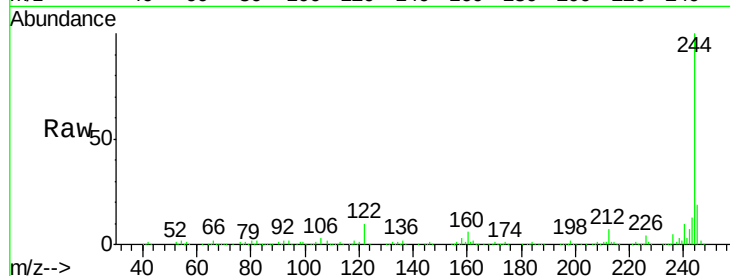
Tot Ion:244 Resp: 481668

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

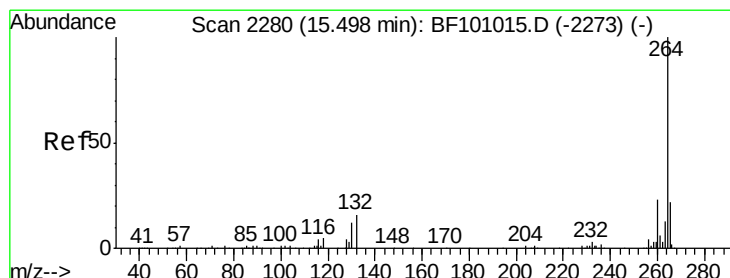
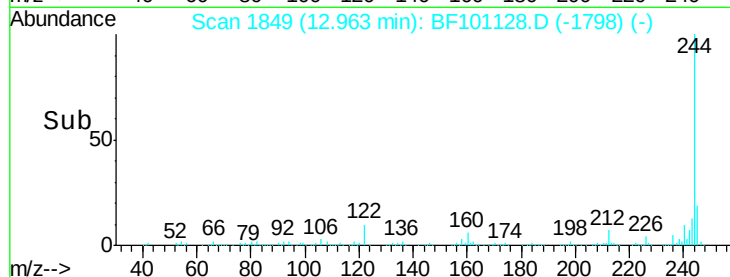
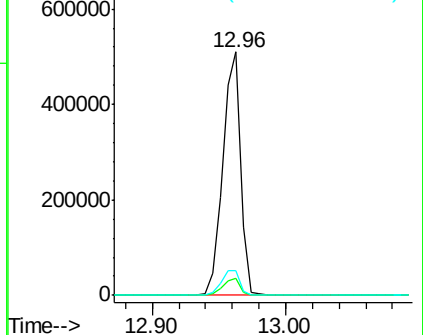
122 10.0 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF101128.D

Acq: 5 Dec 2017 17:00

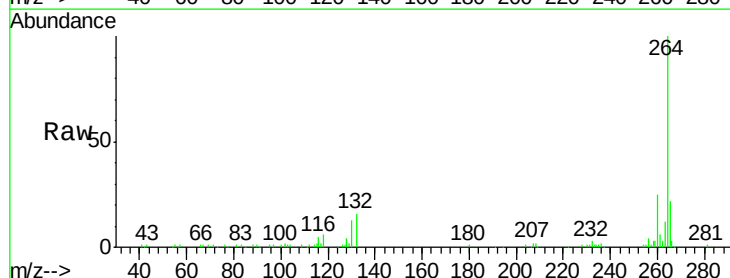
Tgt Ion:264 Resp: 108599

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.0 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

