

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101046.D
 Acq On : 1 Dec 2017 4:14
 Operator : SJ/JU
 Sample : I6618-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-106-4(10-15)

Quant Time: Dec 01 06:55:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

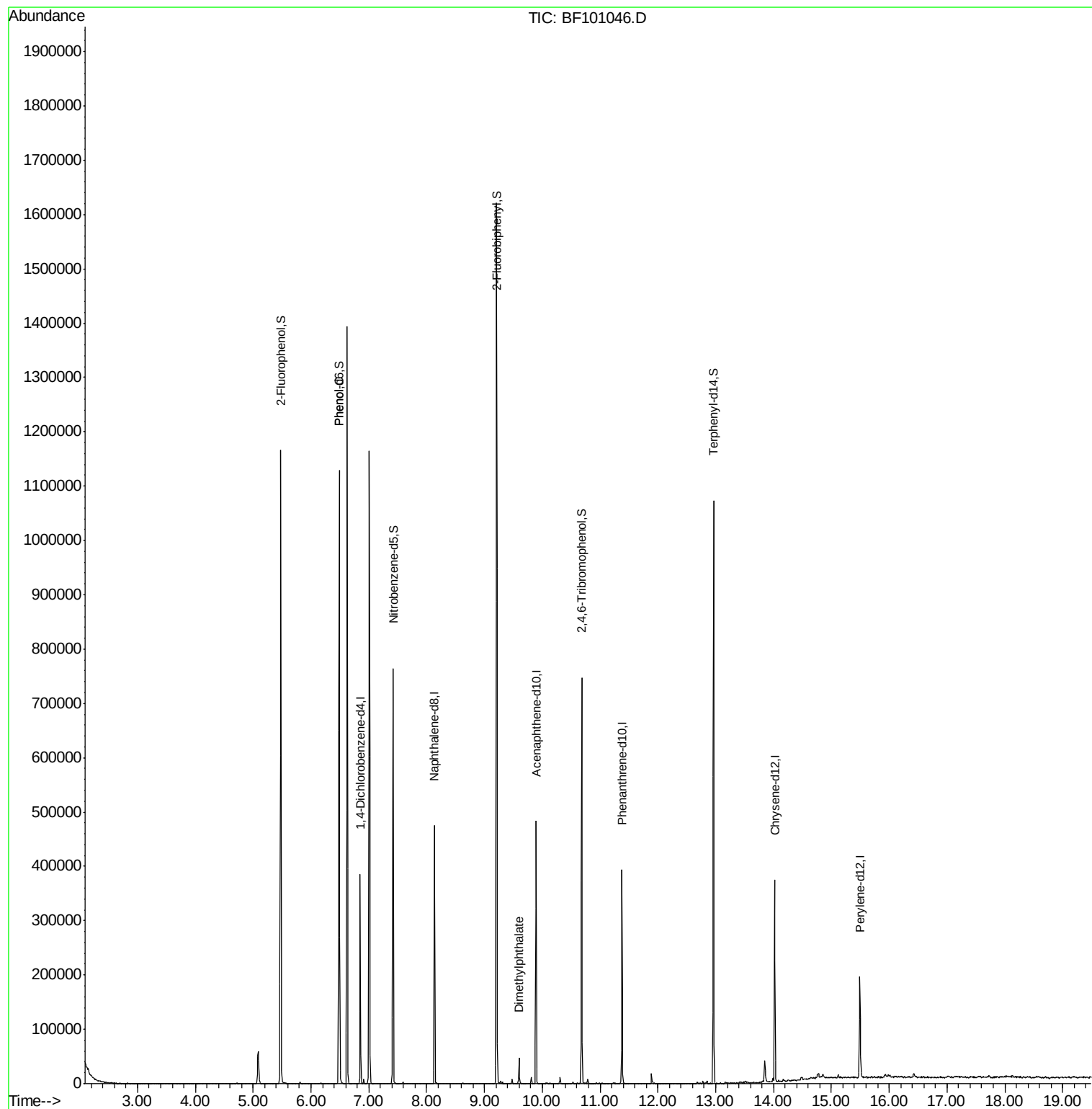
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55177	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	209357	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	87540	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	137691	20.00	ng	0.00
75) Chrysene-d12	14.02	240	121604	20.00	ng	0.00
86) Perylene-d12	15.50	264	92183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	346076	103.64	ng	0.01
7) Phenol-d6	6.49	99	418269	103.17	ng	0.00
23) Nitrobenzene-d5	7.42	82	249834	71.19	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	88242	83.91	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	494927	77.35	ng	0.00
78) Terphenyl-d14	12.96	244	355884	64.01	ng	0.00
Target Compounds						
10) Phenol	6.50	94	16844	3.737	ng	77
49) Dimethylphthalate	9.60	163	21094	2.988	ng	98

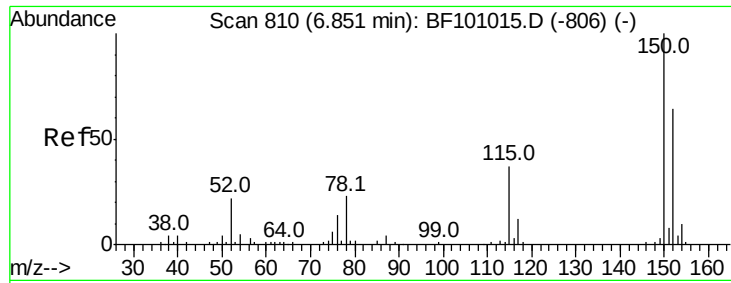
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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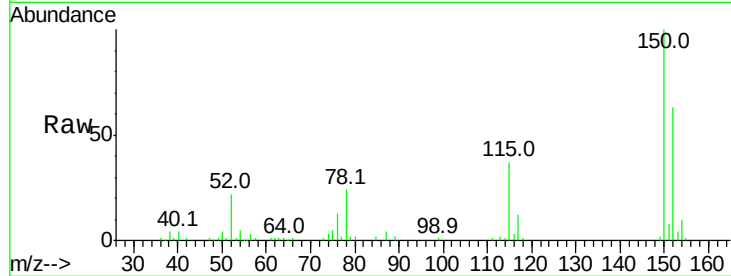


#1

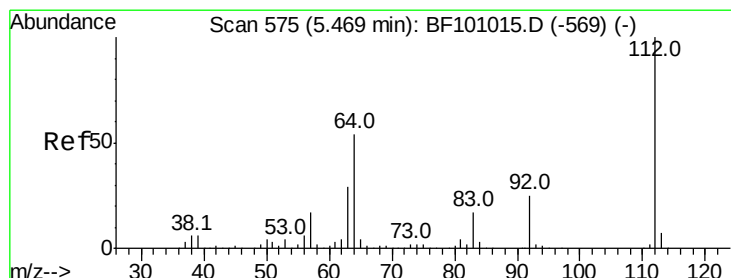
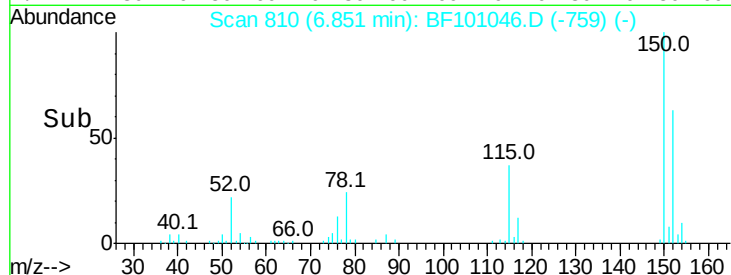
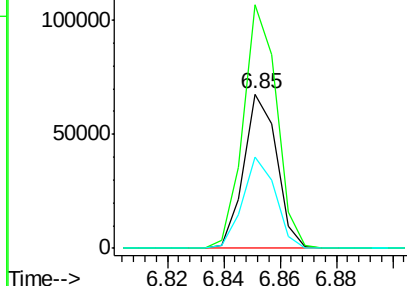
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(10-15)

Tot Ion:152 Resp: 55177
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 59.1 50.1 75.1



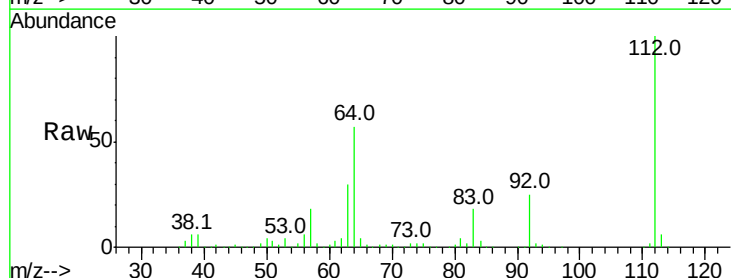
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



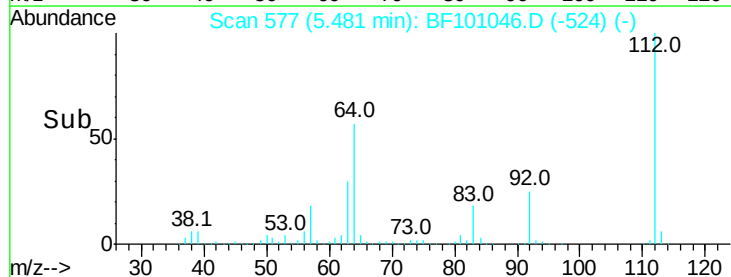
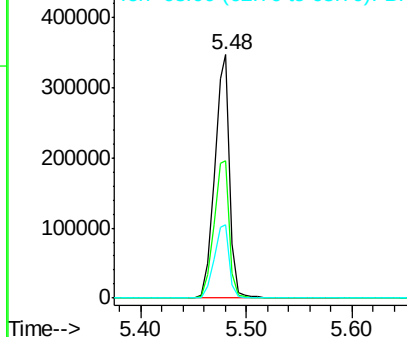
#5

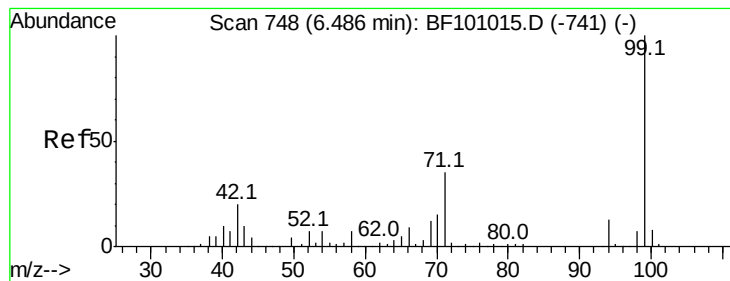
2-Fluorophenol
Concen: 103.643 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

Tgt Ion:112 Resp: 346076
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 30.0 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: 103.174 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

Instrument :

BNA_F

ClientSampleId :

ENV-106-4(10-15)

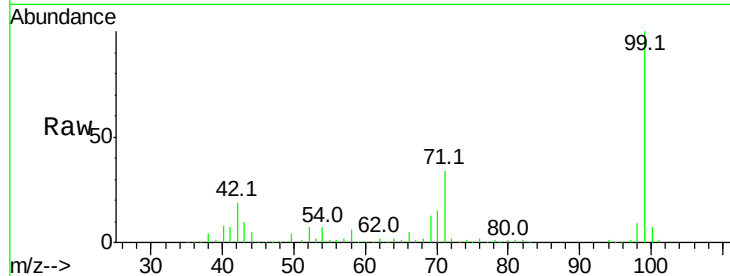
Tot Ion: 99 Resp: 418269

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

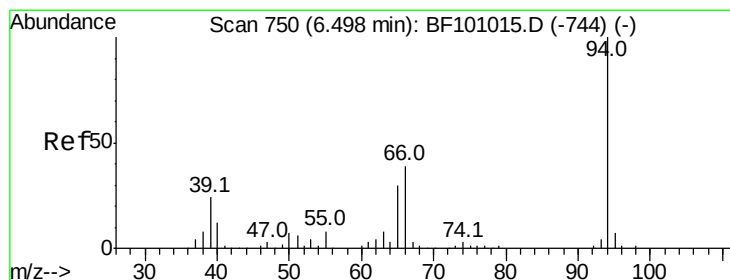
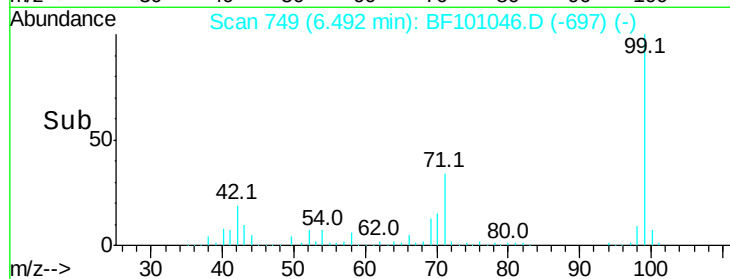
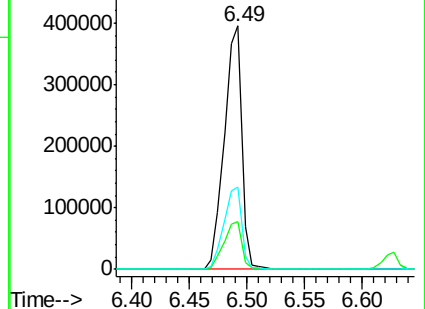
71 33.8 25.4 38.0



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: 3.737 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

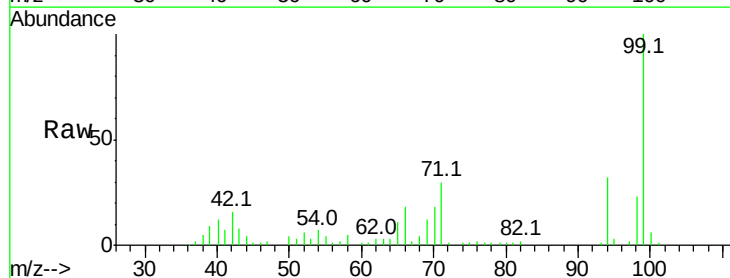
Tgt Ion: 94 Resp: 16844

Ion Ratio Lower Upper

94 100

65 33.5 7.9 47.9

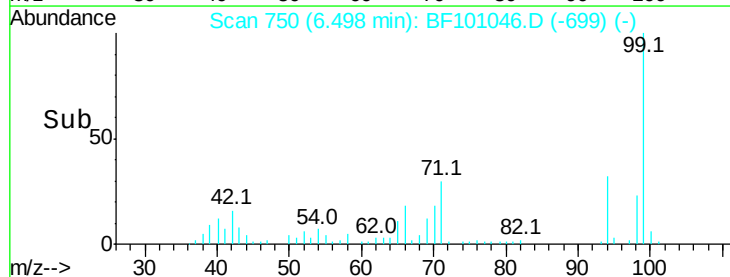
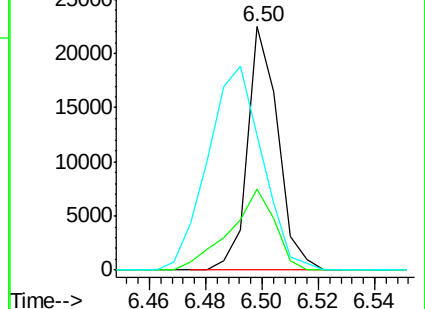
66 55.5 16.2 56.2

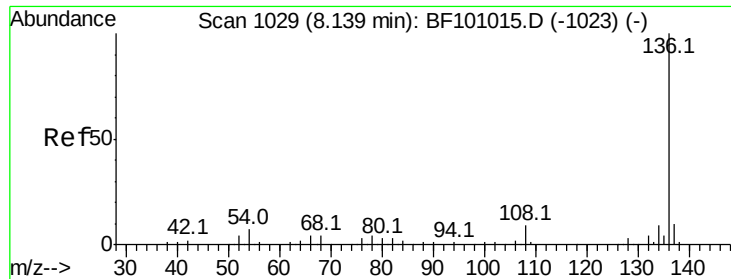


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

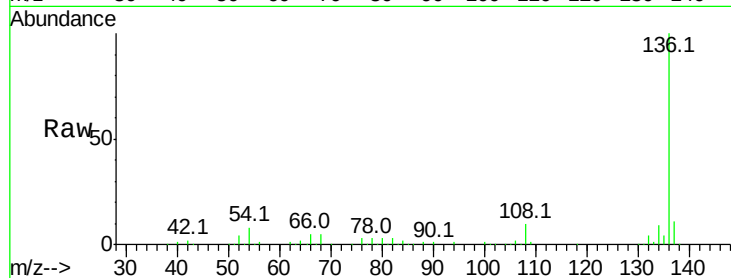




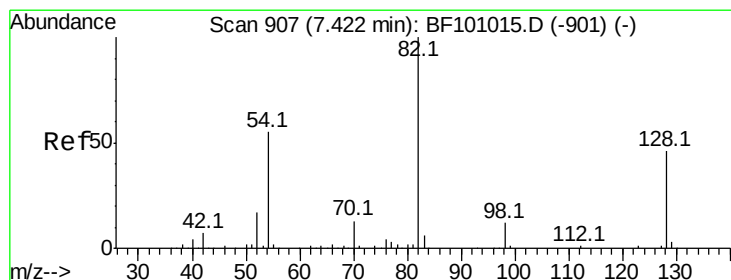
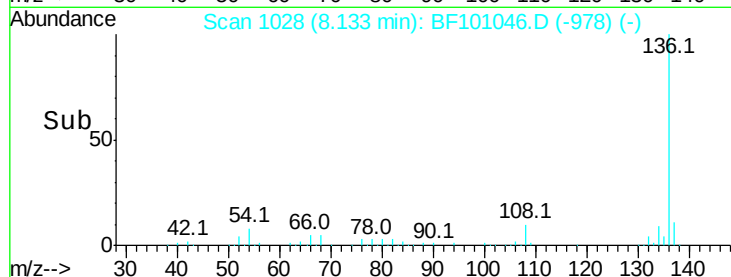
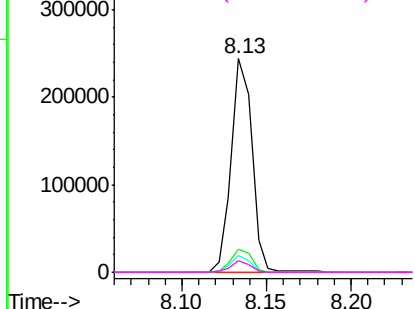
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(10-15)

Tot Ion:	136	Resp:	209357
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	6.6	9.8
68	5.2	5.0	7.4

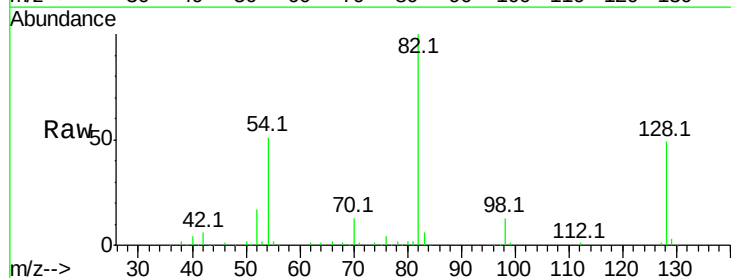


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

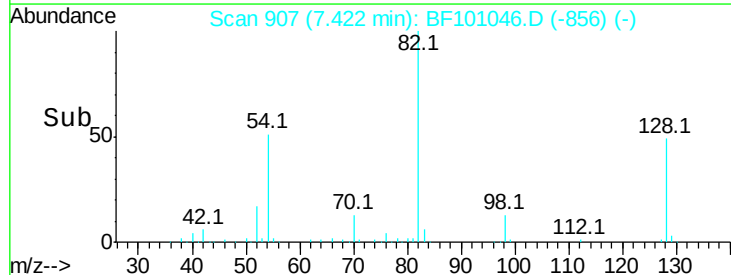
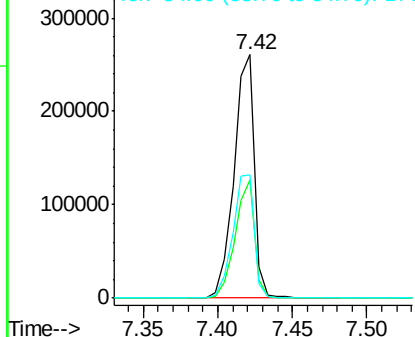


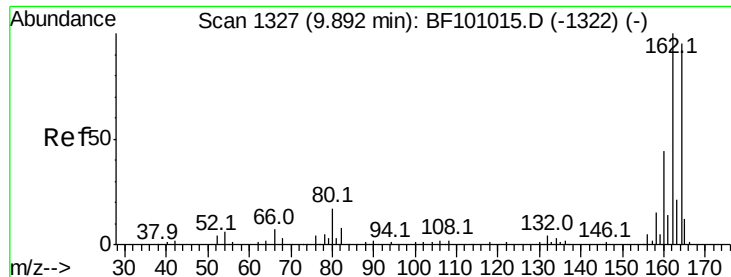
#23
Nitrobenzene-d5
Concen: 71.186 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

Tgt Ion:	82	Resp:	249834
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	50.7	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

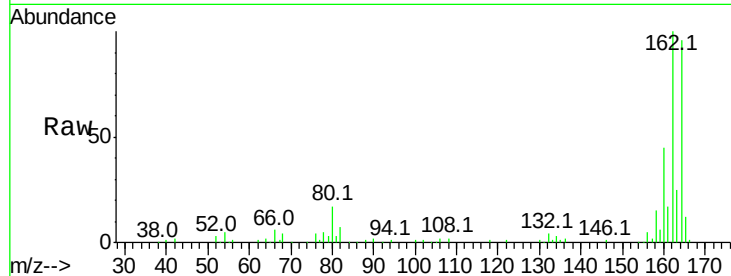




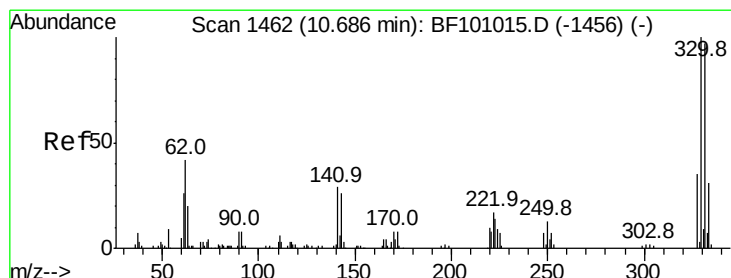
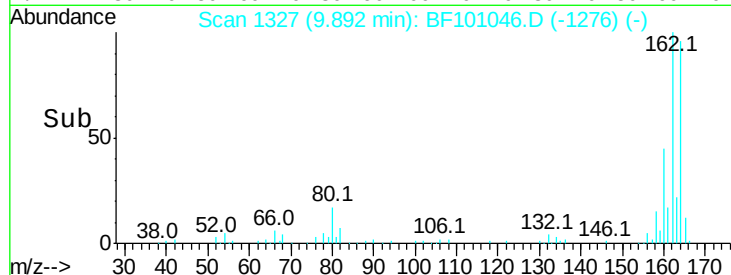
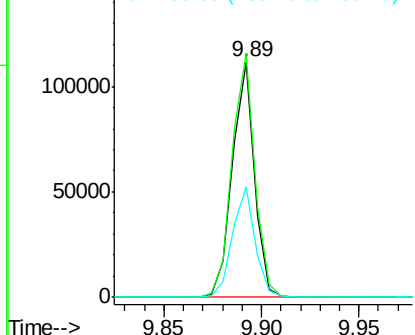
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

Instrument :
BNA_F
ClientSampleId :
ENV-106-4(10-15)

Tot Ion:164 Resp: 87540
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 47.0 38.3 57.5

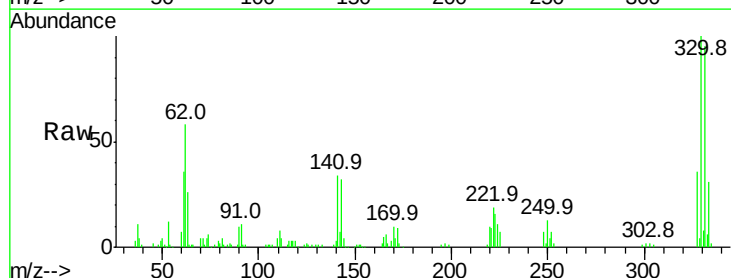


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

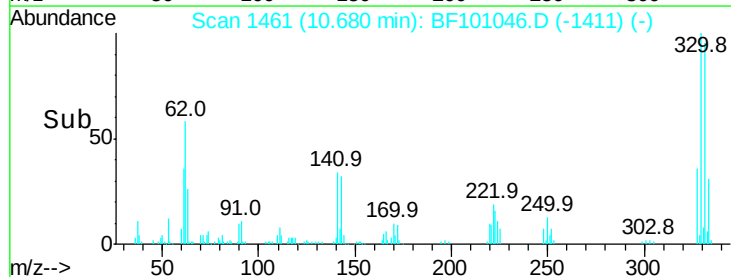
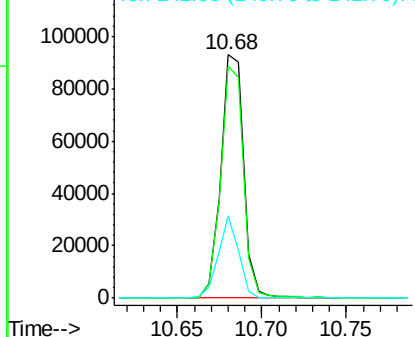


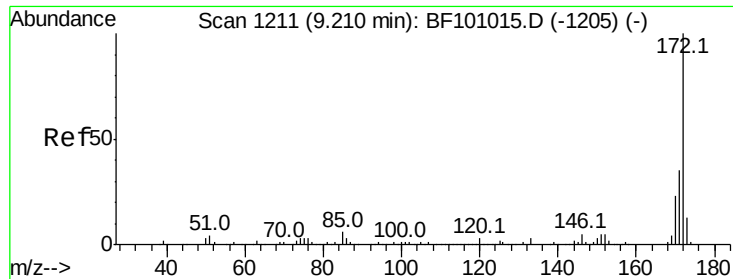
#41
2,4,6-Tribromophenol
Concen: 83.912 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

Tgt Ion:330 Resp: 88242
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 30.1 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

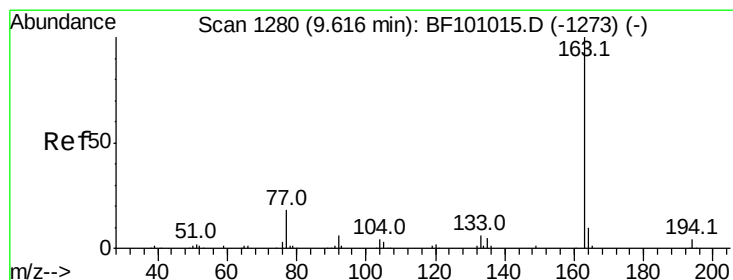
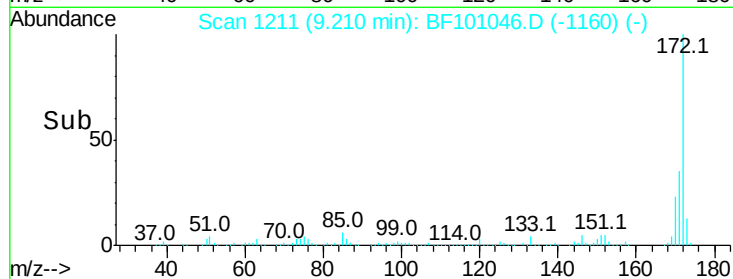
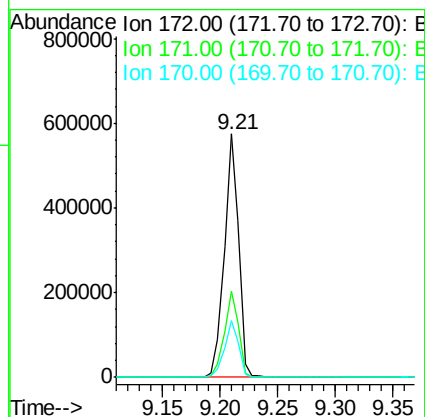
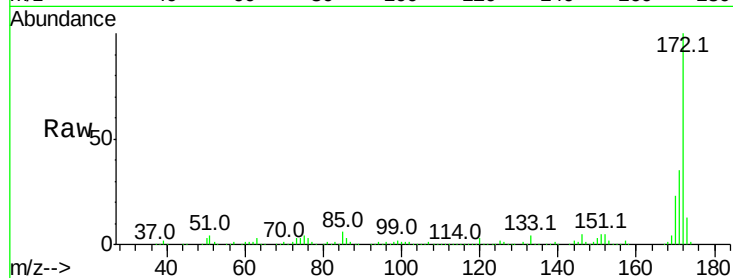




#44
2-Fluorobiphenyl
Concen: 77.354 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

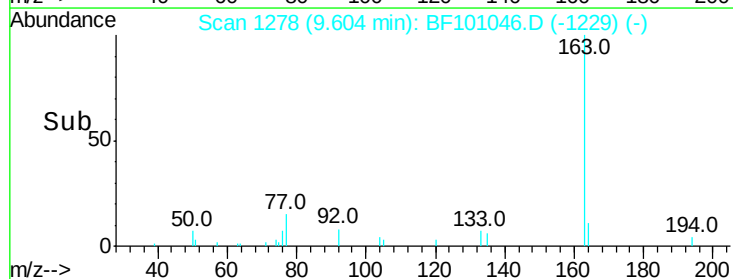
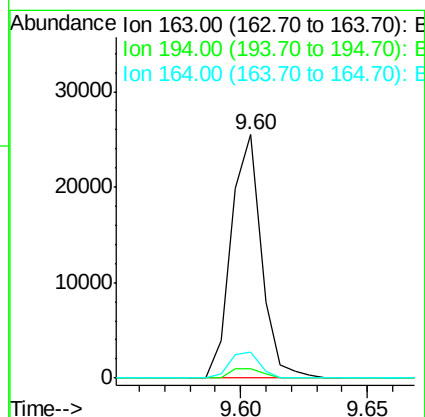
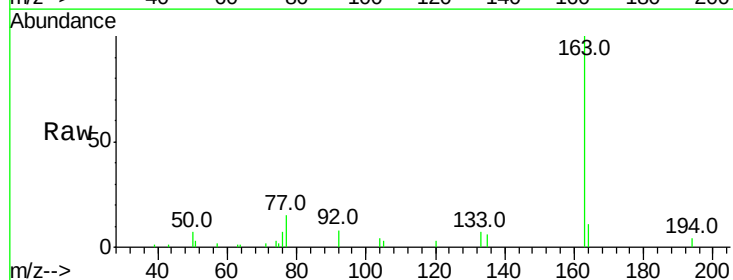
Instrument :
BNA_F
ClientSampleId :
ENV-106-4(10-15)

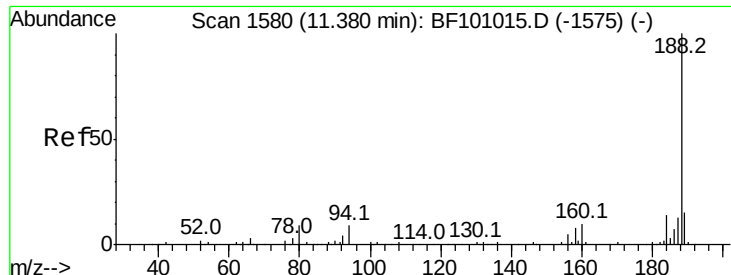
Tot Ion:172 Resp: 494927
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 2.988 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101046.D
Acq: 1 Dec 2017 4:14

Tgt Ion:163 Resp: 21094
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.9 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

Instrument :

BNA_F

ClientSampleId :

ENV-106-4(10-15)

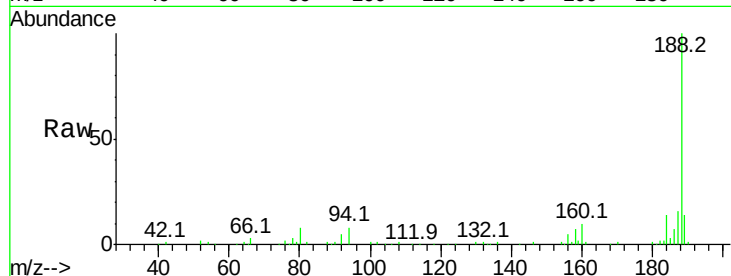
Tot Ion:188 Resp: 137691

Ion Ratio Lower Upper

188 100

94 7.6 8.5 12.7#

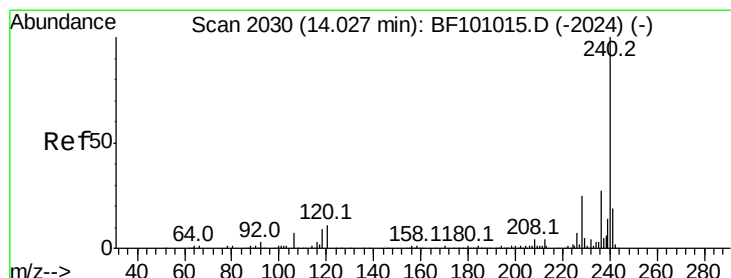
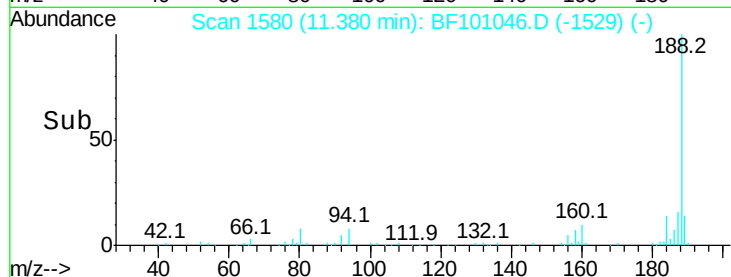
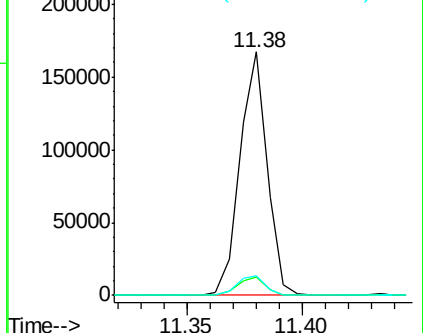
80 8.0 9.2 13.8#



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# 2029

Delta R.T. -0.01 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

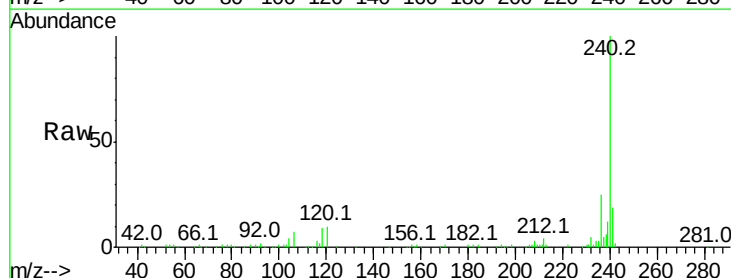
Tgt Ion:240 Resp: 121604

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

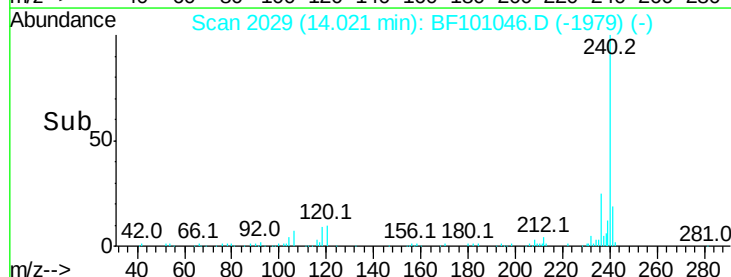
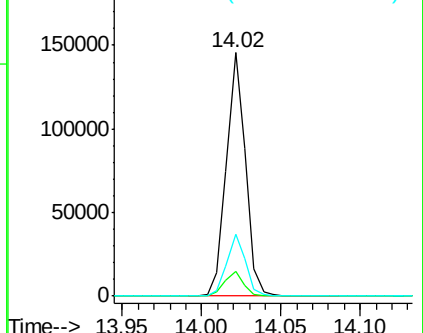
236 25.5 20.7 31.1

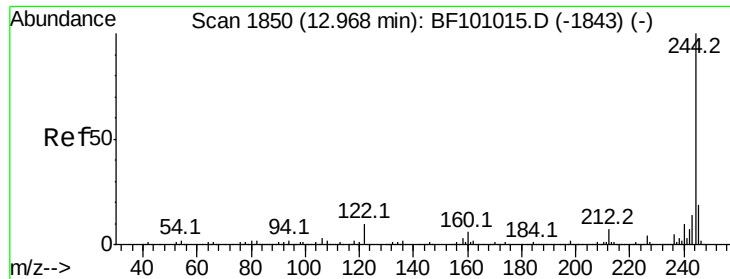


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.012 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

Instrument :

BNA_F

ClientSampleId :

ENV-106-4(10-15)

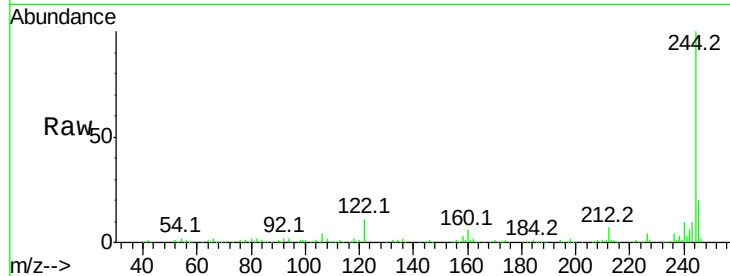
Tot Ion:244 Resp: 355884

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

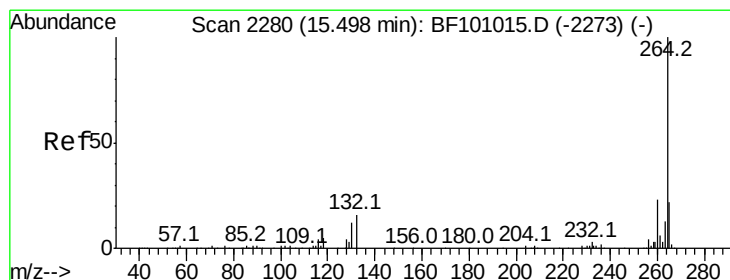
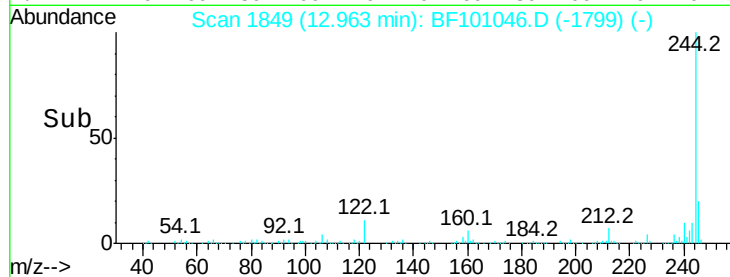
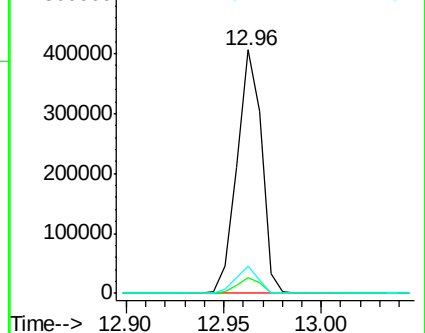
122 11.4 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF101046.D

Acq: 1 Dec 2017 4:14

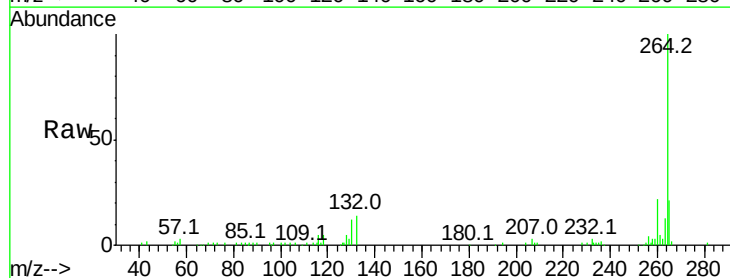
Tgt Ion:264 Resp: 92183

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.9 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

