

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091691.D
 Acq On : 16 Dec 2016 23:45
 Operator : UM/SJ
 Sample : H6121-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-01-13

Quant Time: Dec 17 04:11:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

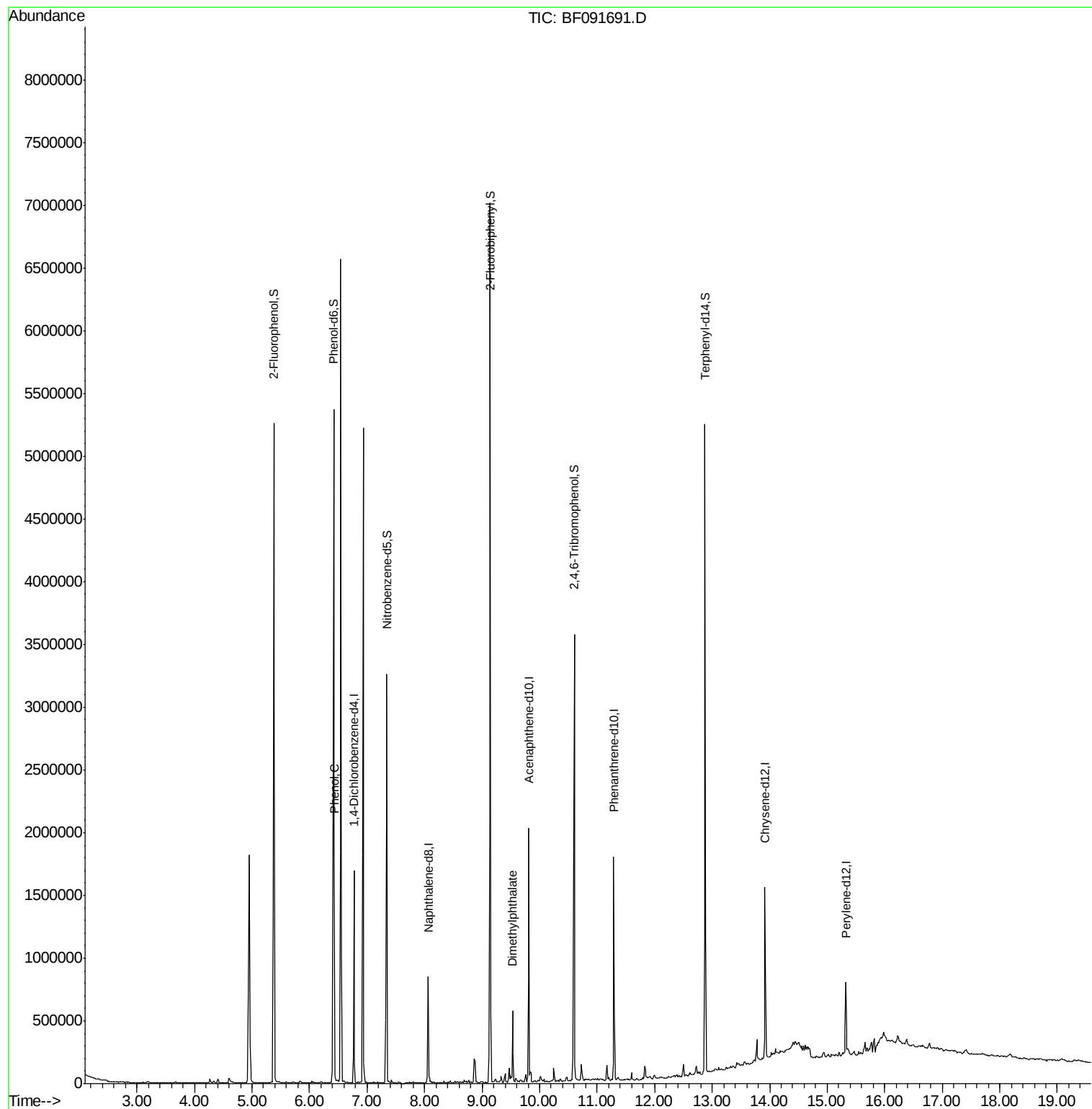
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	233820	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	591611	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	474199	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	664863	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	521711	20.00	ng	-0.02
86) Perylene-d12	15.32	264	258840	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1965956	141.65	ng	0.00
7) Phenol-d6	6.42	99	2210390	127.75	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1461998	137.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	482703	122.56	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2208405	80.47	ng	-0.01
78) Terphenyl-d14	12.88	244	1649207	71.73	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	132719	6.56	ng	97
49) Dimethylphthalate	9.53	163	257884	8.59	ng	98

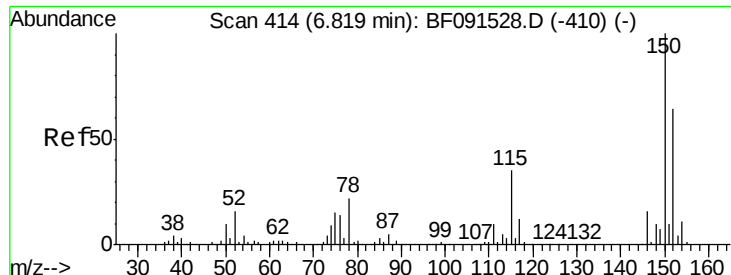
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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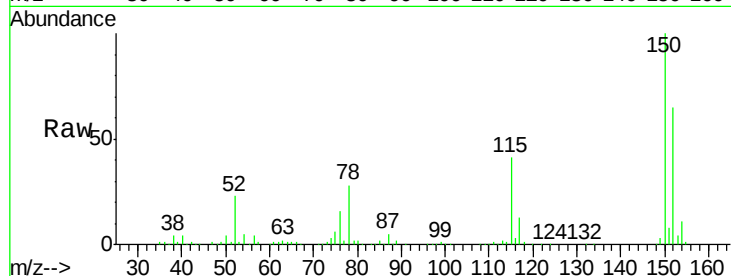




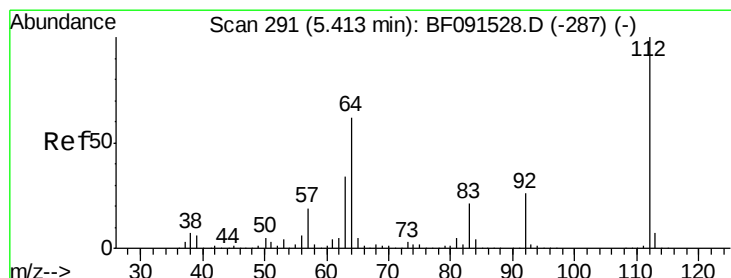
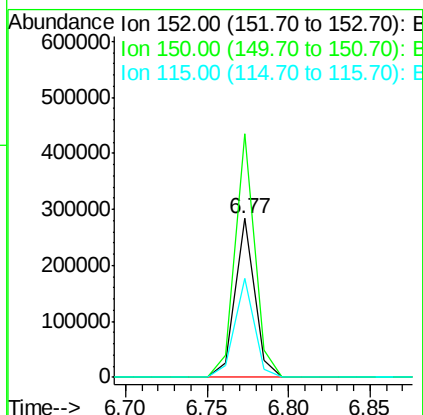
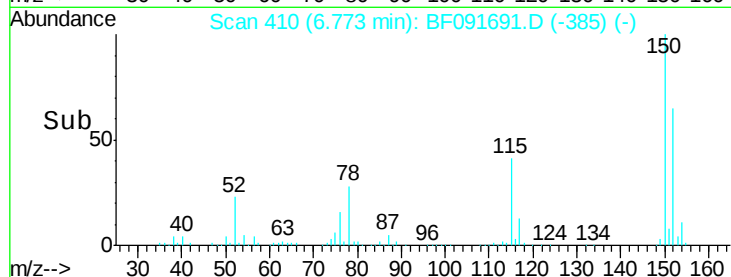
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF091691.D
 Acq: 16 Dec 2016 23:45

Instrument :
 BNA_F
 ClientSampleID :
 EP-01-13

Tot Ion:152 Resp: 233820
 Ion Ratio Lower Upper
 152 100
 150 153.1 122.5 183.7
 115 62.0 51.8 77.8

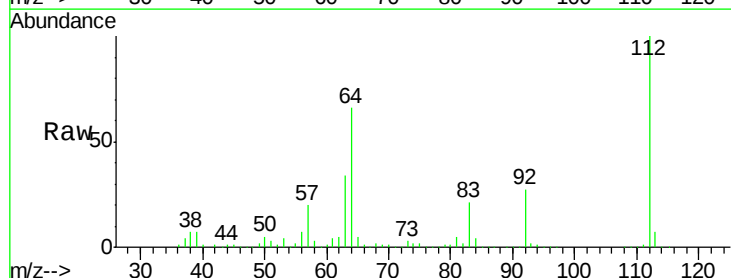


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

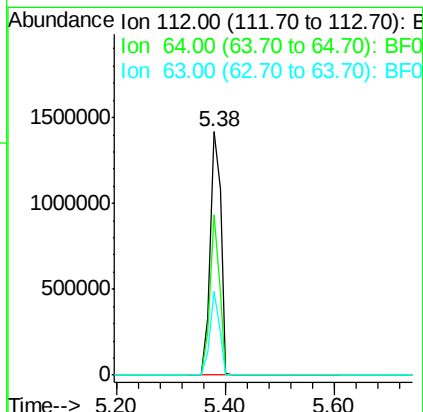
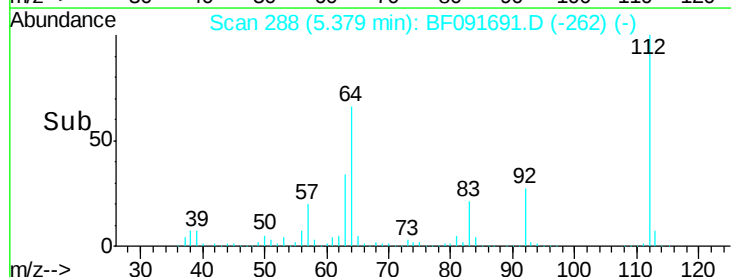


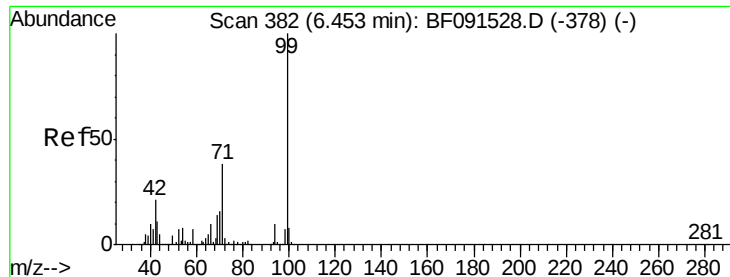
#5
 2-Fluorophenol
 Concen: 141.65 ng
 RT: 5.38 min Scan# 288
 Delta R.T. 0.00 min
 Lab File: BF091691.D
 Acq: 16 Dec 2016 23:45

Tgt Ion:112 Resp: 1965956
 Ion Ratio Lower Upper
 112 100
 64 65.8 61.5 92.3
 63 34.3 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.75 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091691.D

Acq: 16 Dec 2016 23:45

Instrument :

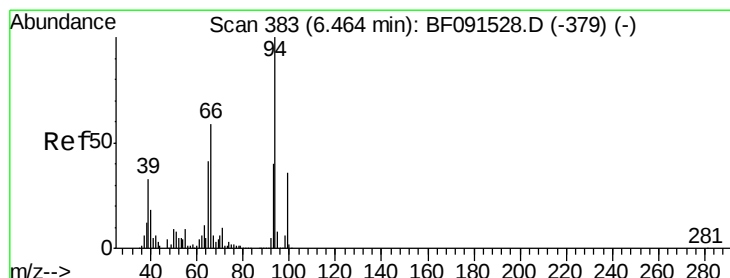
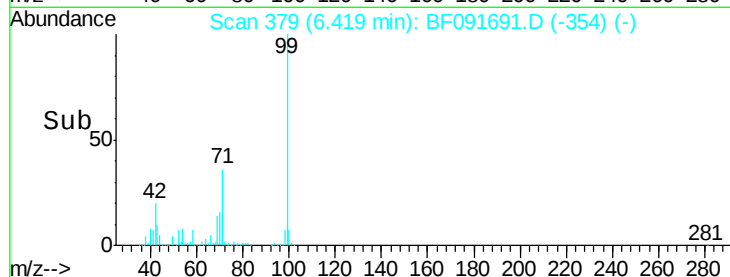
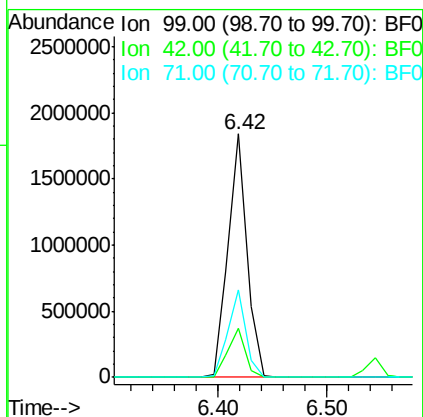
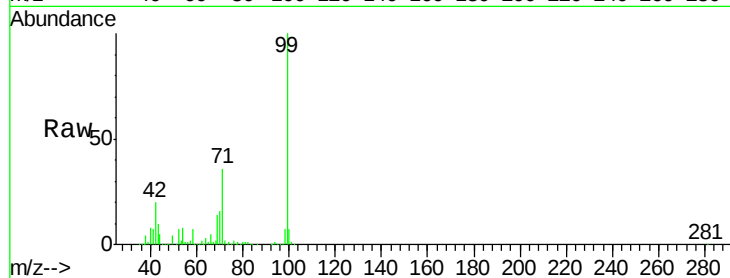
BNA_F

ClientSampleId :

EP-01-13

Tot Ion: 99 Resp: 2210390

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.6	31.0#
71	35.7	29.9	44.9



#10

Phenol

Concen: 6.56 ng

RT: 6.43 min Scan# 380

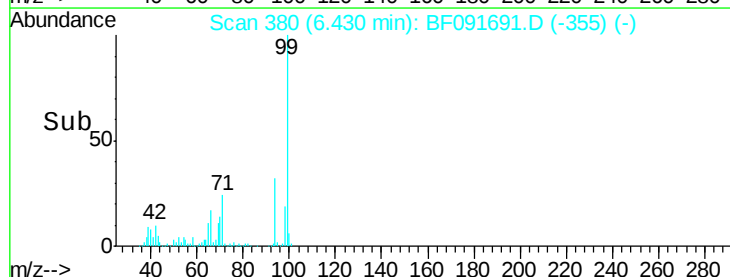
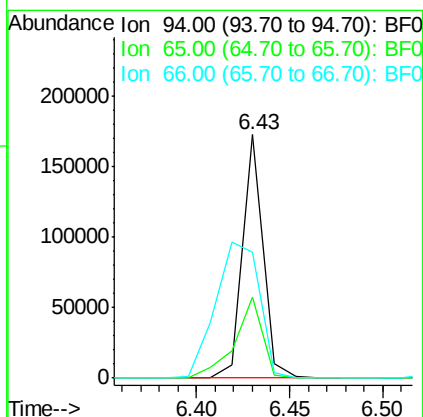
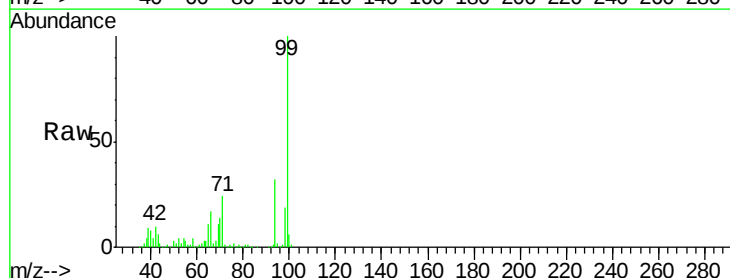
Delta R.T. -0.01 min

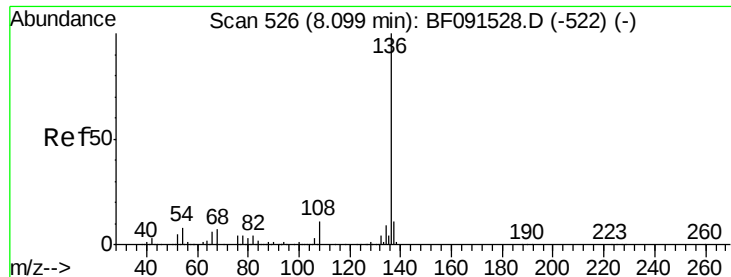
Lab File: BF091691.D

Acq: 16 Dec 2016 23:45

Tgt Ion: 94 Resp: 132719

Ion	Ratio	Lower	Upper
94	100		
65	33.4	16.9	56.9
66	51.8	30.6	70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091691.D

Acq: 16 Dec 2016 23:45

Instrument :

BNA_F

ClientSampleId :

EP-01-13

Tot Ion:136 Resp: 591611

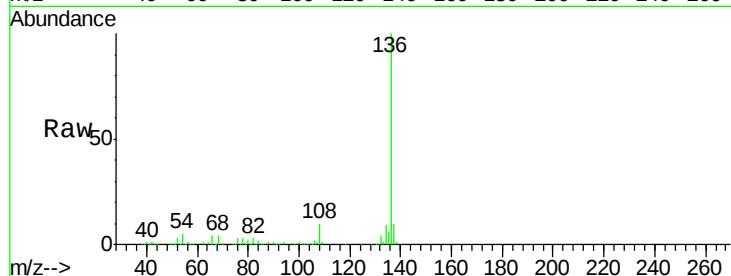
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.1 9.1 13.7#

68 4.1 5.9 8.9#

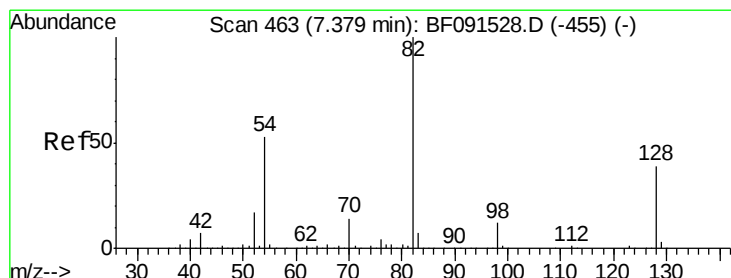
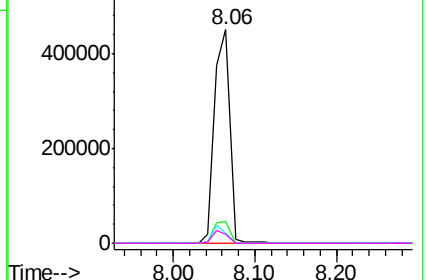
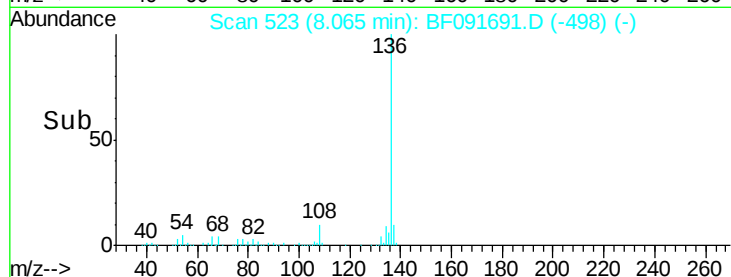


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 137.93 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091691.D

Acq: 16 Dec 2016 23:45

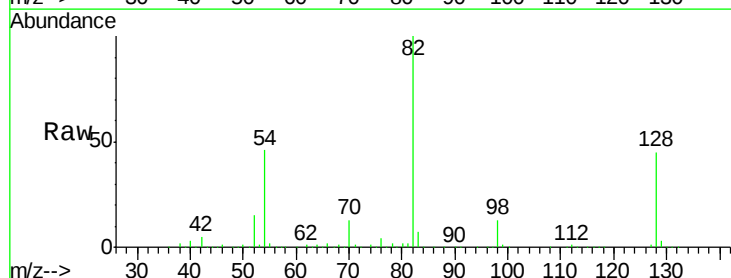
Tgt Ion: 82 Resp: 1461998

Ion Ratio Lower Upper

82 100

128 45.3 31.8 47.6

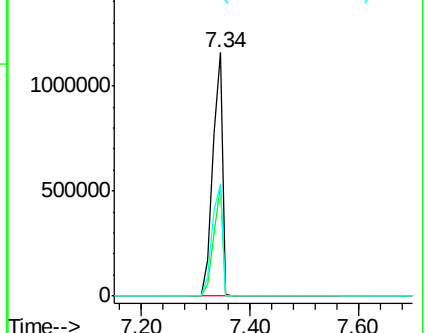
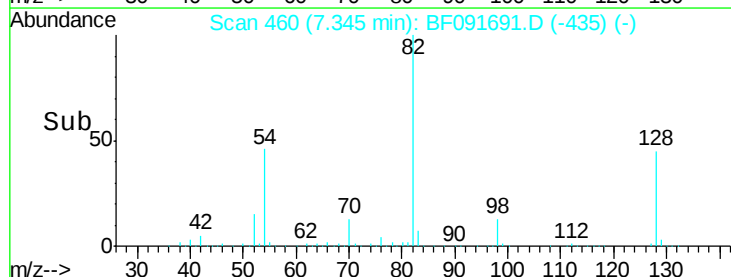
54 45.9 49.1 73.7#

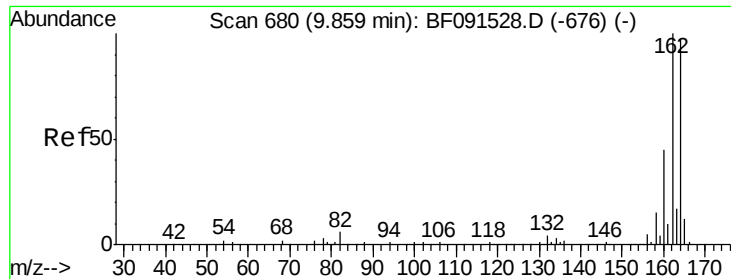


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

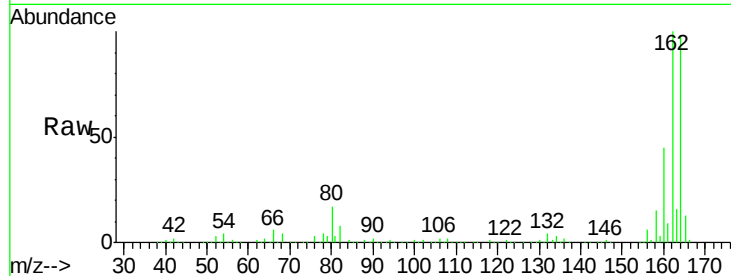




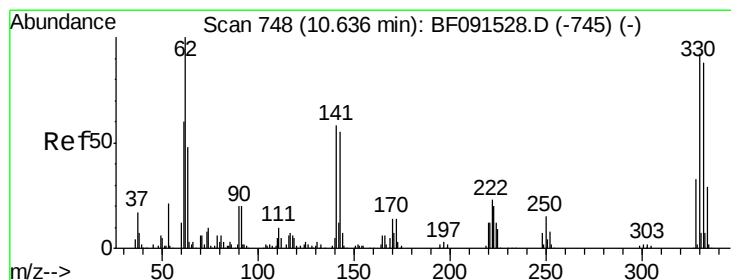
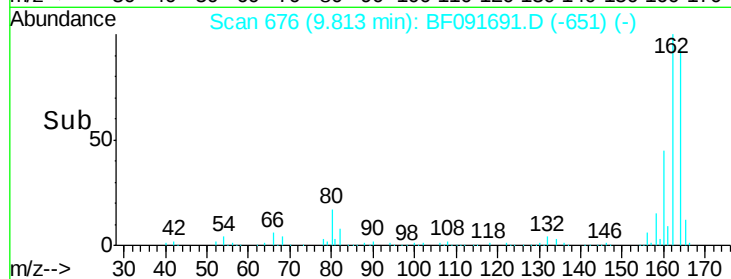
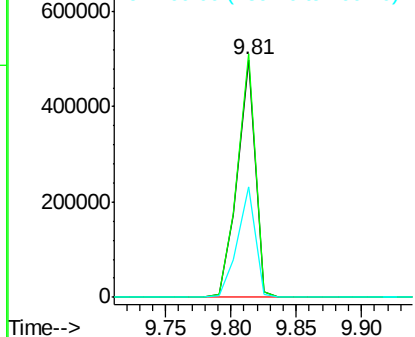
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF091691.D
 Acq: 16 Dec 2016 23:45

Instrument :
 BNA_F
 ClientSampleId :
 EP-01-13

Tot Ion:164 Resp: 474199
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 124.0
 160 46.3 36.7 55.1

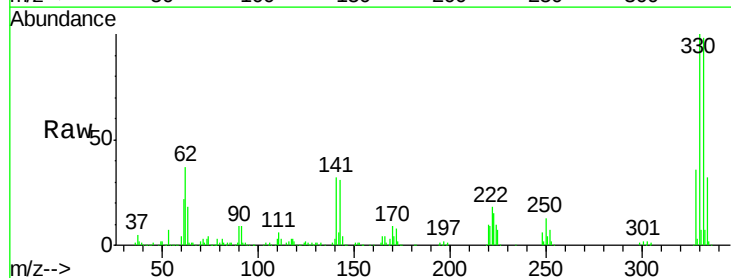


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

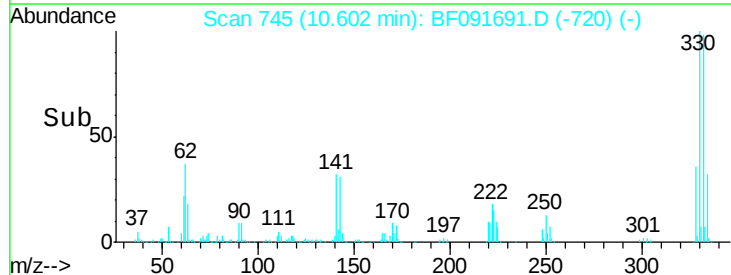
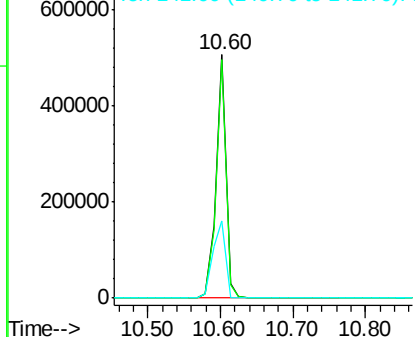


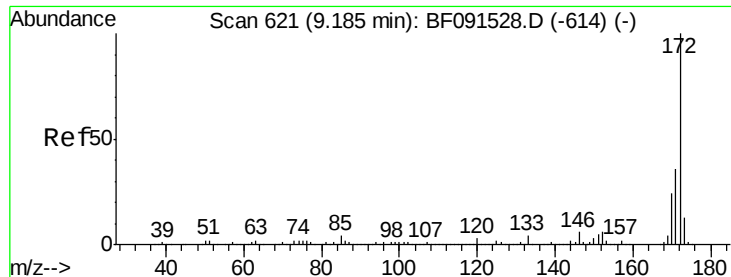
#41
 2,4,6-Tribromophenol
 Concen: 122.56 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF091691.D
 Acq: 16 Dec 2016 23:45

Tgt Ion:330 Resp: 482703
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 40.1 33.6 50.4



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

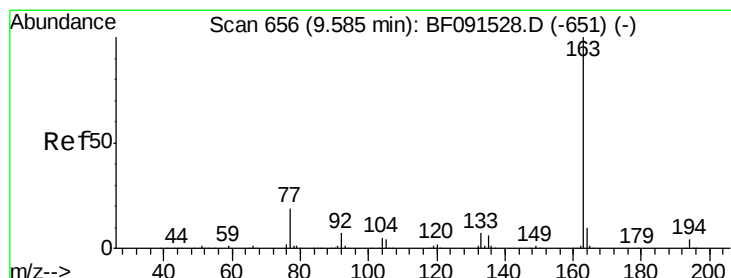
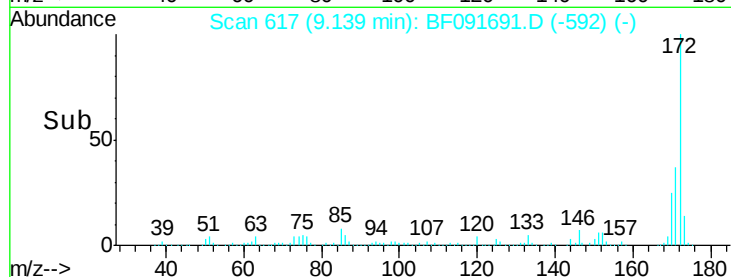
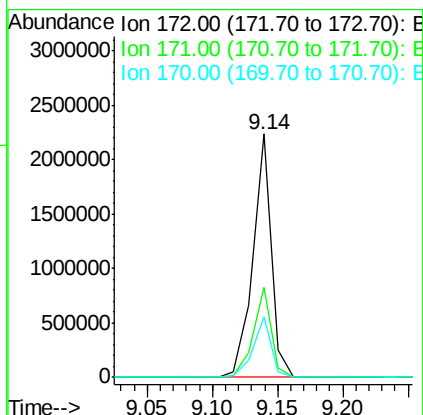
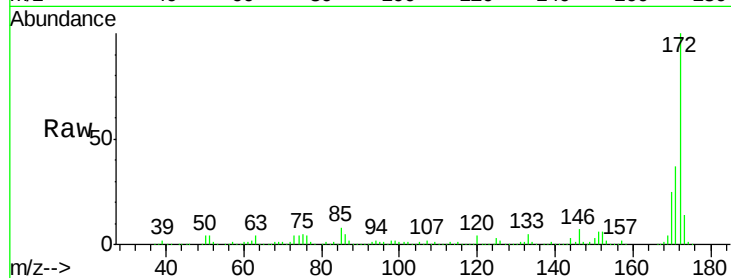




#44
2-Fluorobiphenyl
Concen: 80.47 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

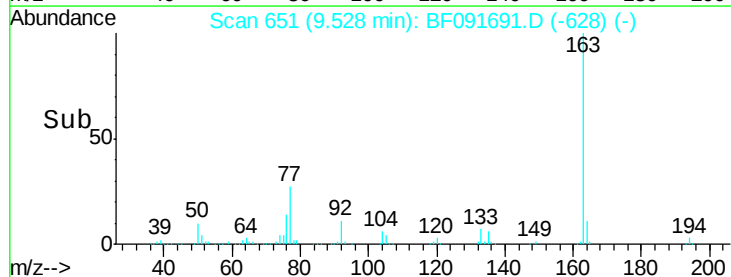
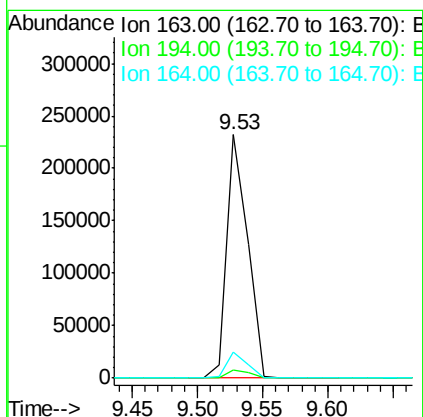
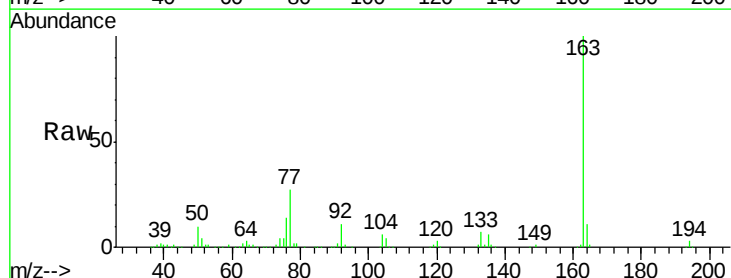
Instrument :
BNA_F
ClientSampleId :
EP-01-13

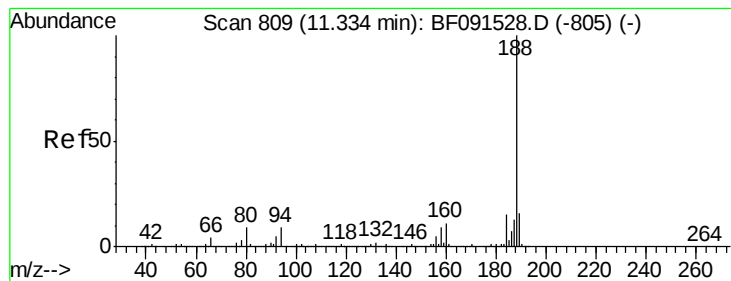
Tot Ion:172 Resp: 2208405
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 25.0 19.7 29.5



#49
Dimethylphthalate
Concen: 8.59 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.03 min
Lab File: BF091691.D
Acq: 16 Dec 2016 23:45

Tgt Ion:163 Resp: 257884
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.6 7.8 11.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF091691.D

Acq: 16 Dec 2016 23:45

Instrument :

BNA_F

ClientSampleId :

EP-01-13

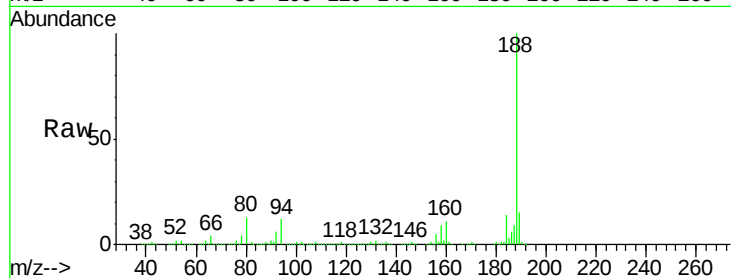
Tot Ion:188 Resp: 664863

Ion Ratio Lower Upper

188 100

94 11.7 9.2 13.8

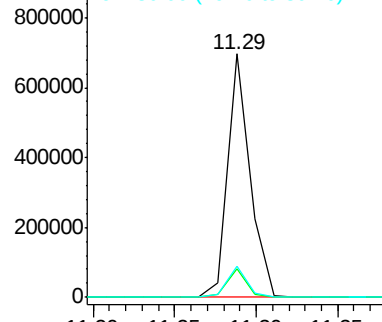
80 12.8 10.5 15.7



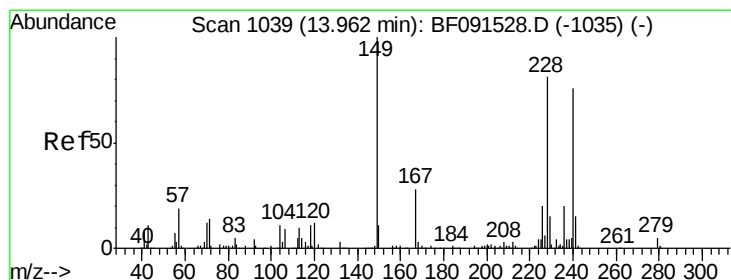
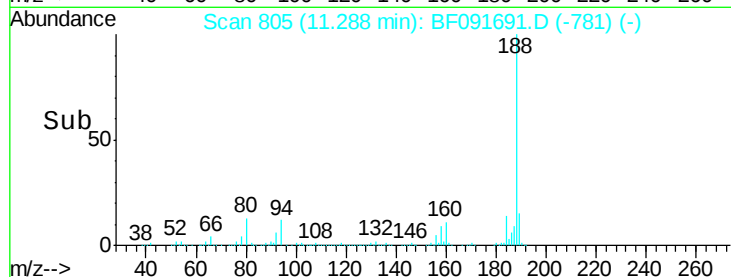
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.20 11.25 11.30 11.35



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BF091691.D

Acq: 16 Dec 2016 23:45

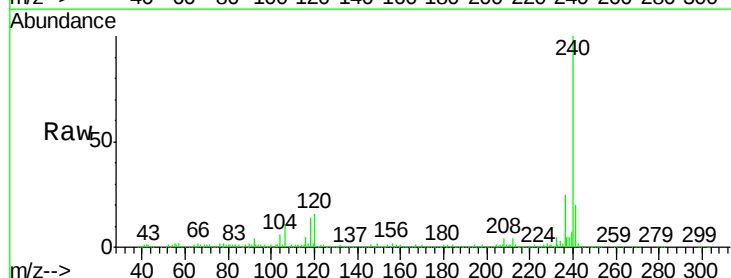
Tgt Ion:240 Resp: 521711

Ion Ratio Lower Upper

240 100

120 15.7 12.1 18.1

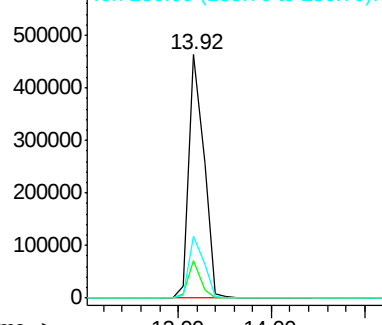
236 25.3 21.0 31.6



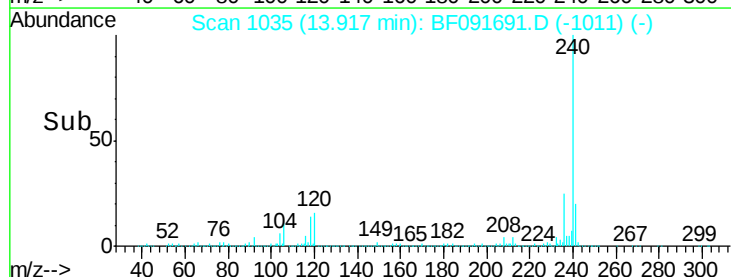
Abundance Ion 240.00 (239.70 to 240.70): E

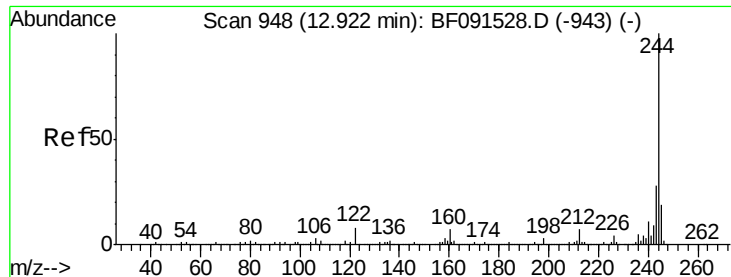
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00





#78

Terphenyl-d14

Concen: 71.73 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF091691.D

Acq: 16 Dec 2016 23:45

Instrument :

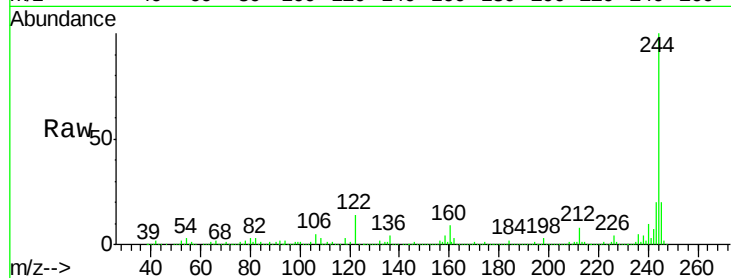
BNA_F

ClientSampleId :

EP-01-13

Tot Ion:244 Resp: 1649207

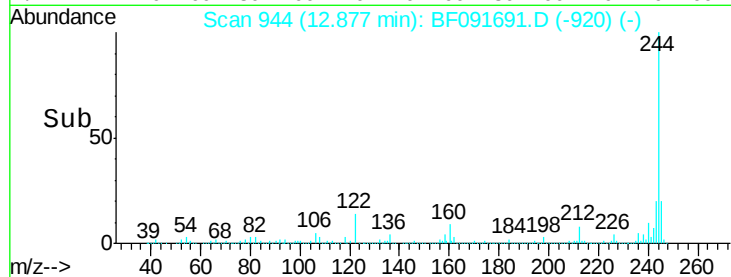
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	13.5	9.5	14.3



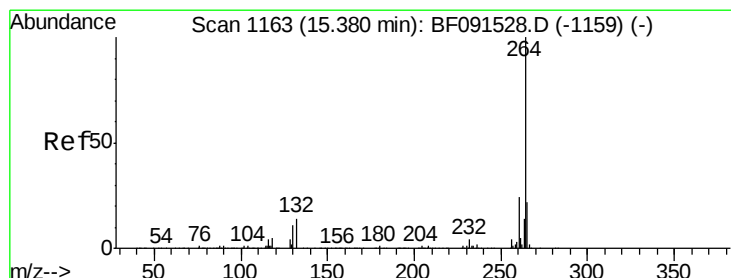
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.32 min Scan# 1158

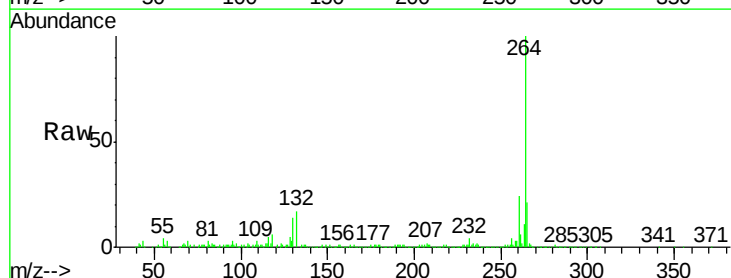
Delta R.T. -0.02 min

Lab File: BF091691.D

Acq: 16 Dec 2016 23:45

Tgt Ion:264 Resp: 258840

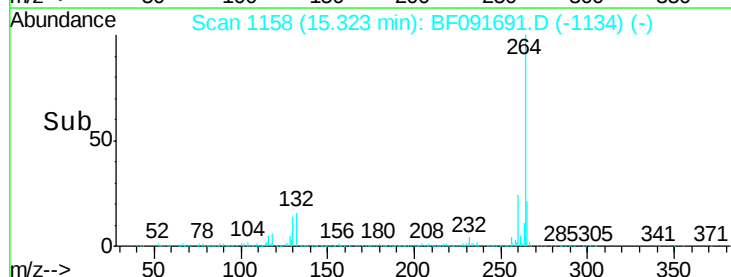
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.1	17.0	25.6



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



Time-->