

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091589.D
 Acq On : 14 Dec 2016 17:33
 Operator : UM/SJ
 Sample : H5974-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15R

Quant Time: Dec 15 01:07:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

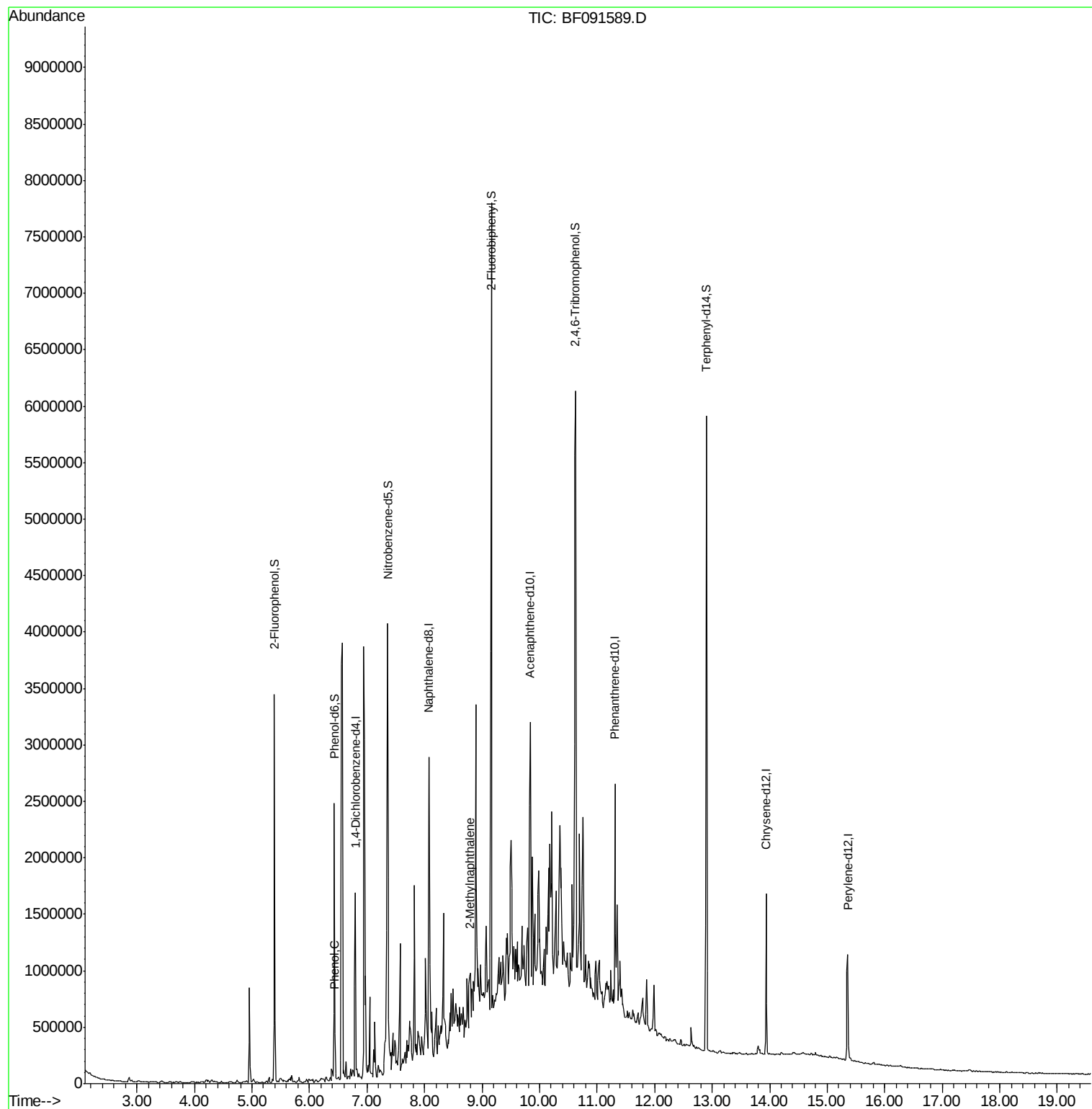
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	281372	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	1042570	20.00	ng	-0.02
38) Acenaphthene-d10	9.84	164	563692	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	760168	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	515563	20.00	ng	-0.02
86) Perylene-d12	15.36	264	512679	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	884500	52.96	ng	-0.02
7) Phenol-d6	6.43	99	725285	34.83	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1307724	70.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	442638	94.54	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2285408	70.05	ng	-0.02
78) Terphenyl-d14	12.90	244	1674981	73.72	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	53077	2.18	ng	87
37) 2-Methylnaphthalene	8.80	142	137619	4.38	ng	99

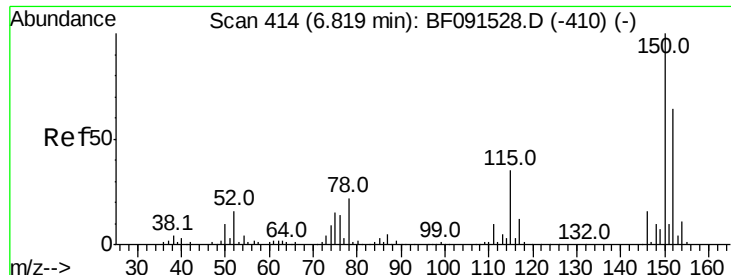
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

Instrument :

BNA_F

ClientSampleId :

MW-15R

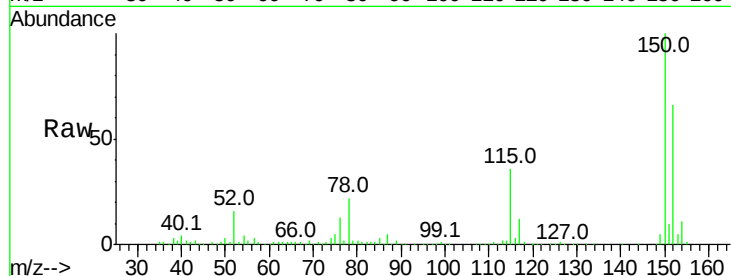
Tot Ion:152 Resp: 281372

Ion Ratio Lower Upper

152 100

150 152.0 122.5 183.7

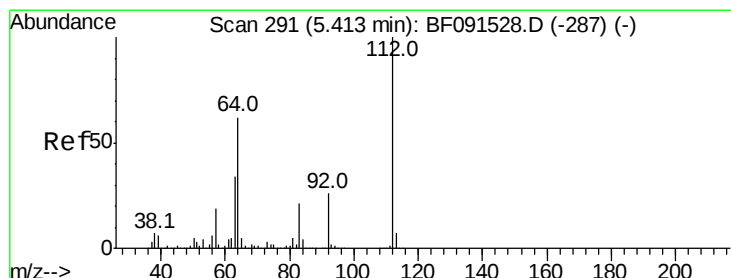
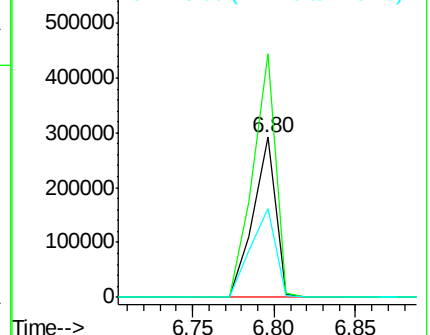
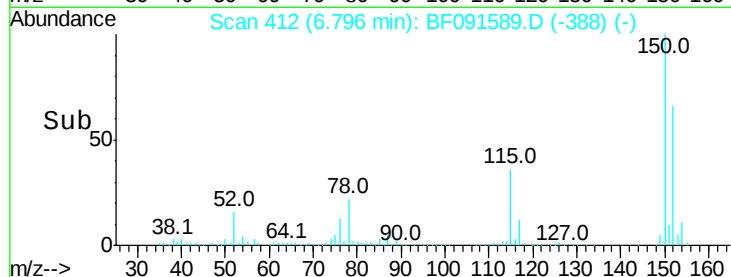
115 55.4 51.8 77.8



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: 52.96 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.02 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

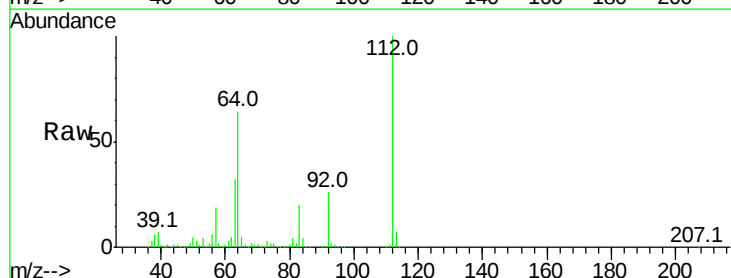
Tgt Ion:112 Resp: 884500

Ion Ratio Lower Upper

112 100

64 63.6 61.5 92.3

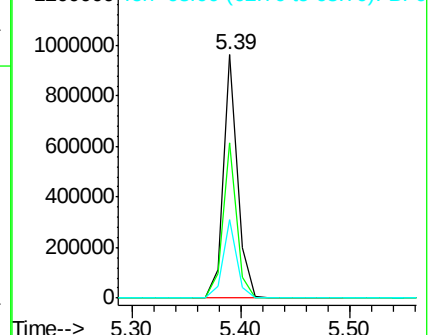
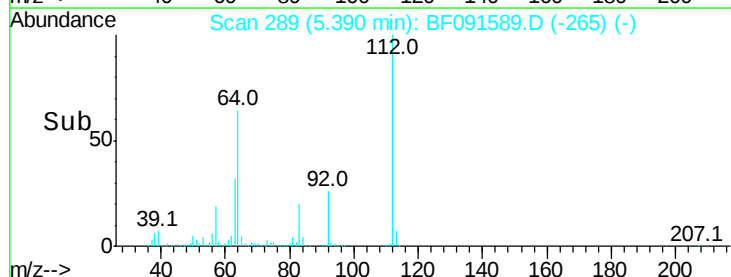
63 32.5 33.3 49.9#

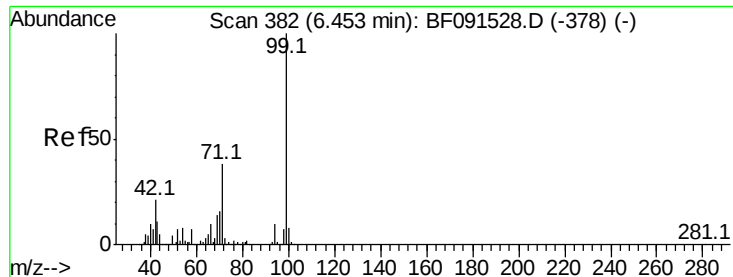


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.83 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

Instrument :

BNA_F

ClientSampled :

MW-15R

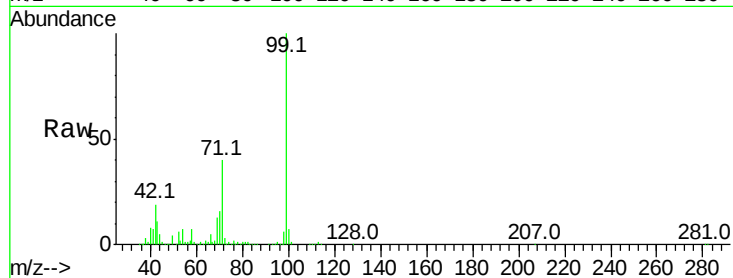
Tot Ion: 99 Resp: 725285

Ion Ratio Lower Upper

99 100

42 18.9 20.6 31.0#

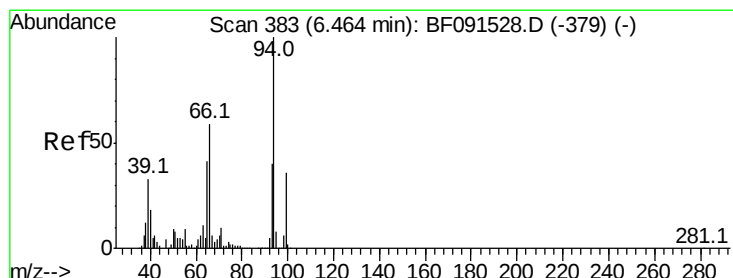
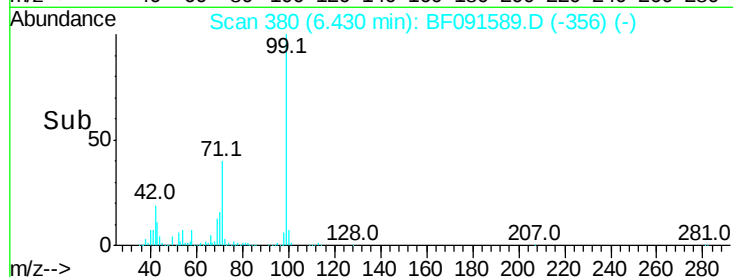
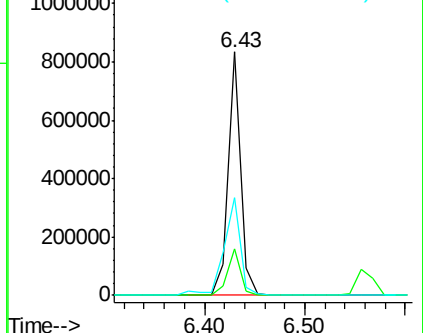
71 40.2 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.18 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

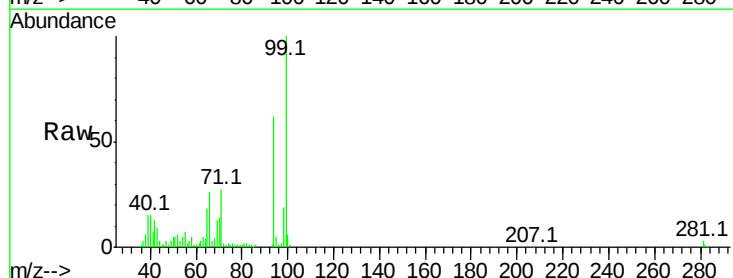
Tgt Ion: 94 Resp: 53077

Ion Ratio Lower Upper

94 100

65 29.3 16.9 56.9

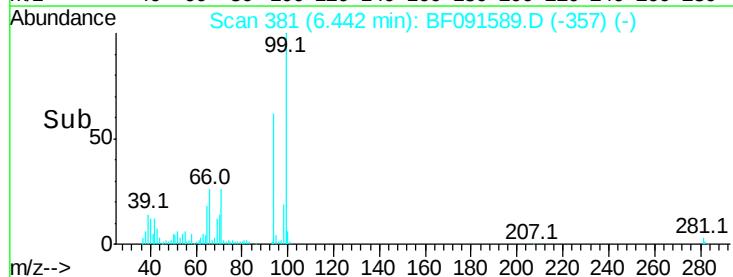
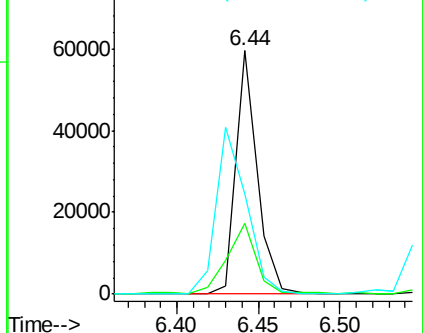
66 41.1 30.6 70.6

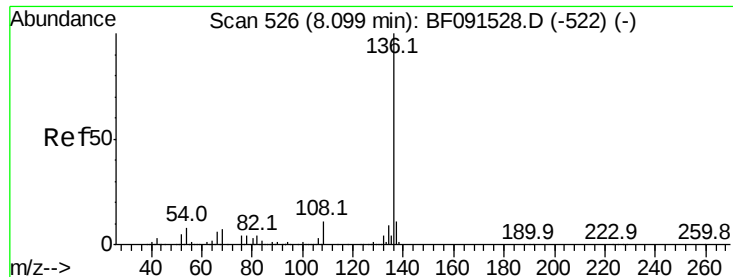


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

Instrument :

BNA_F

ClientSampleId :

MW-15R

Tot Ion:136 Resp: 1042570

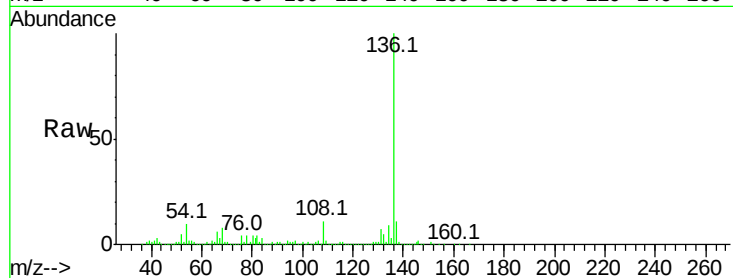
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.2 9.1 13.7

68 8.2 5.9 8.9

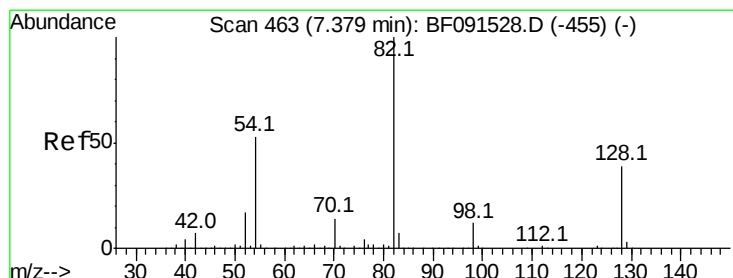
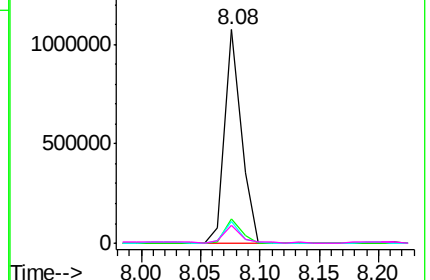
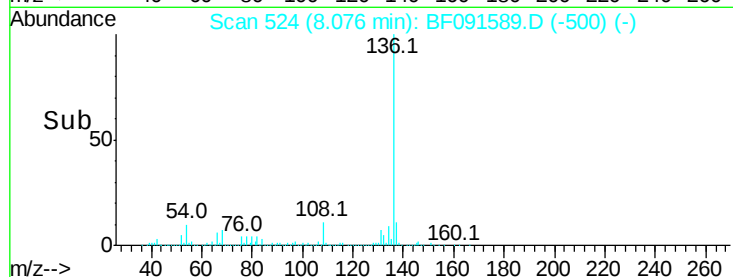


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.01 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

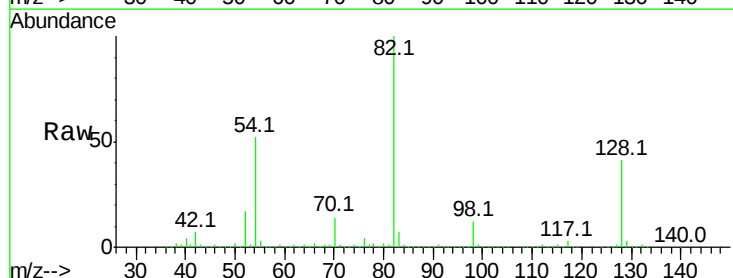
Tgt Ion: 82 Resp: 1307724

Ion Ratio Lower Upper

82 100

128 40.6 31.8 47.6

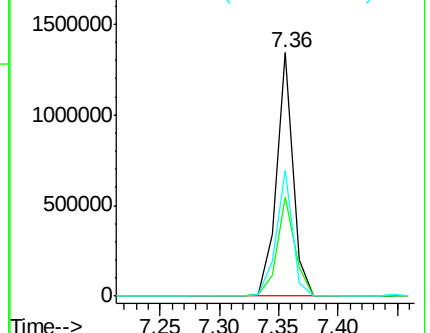
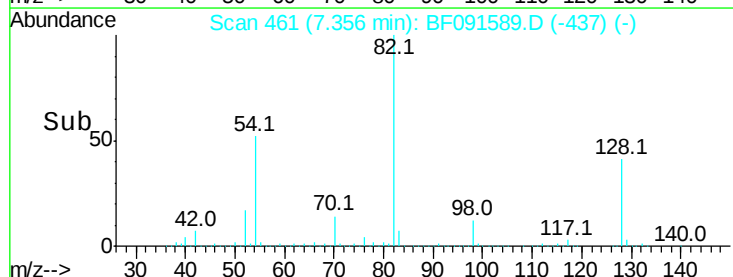
54 51.9 49.1 73.7

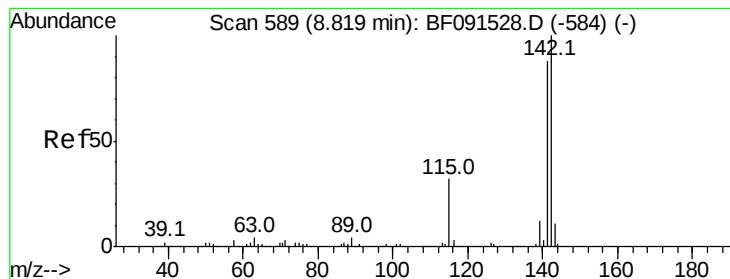


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#37

2-Methylnaphthalene

Concen: 4.38 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.02 min

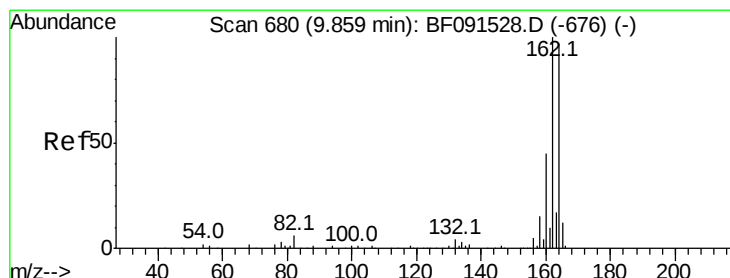
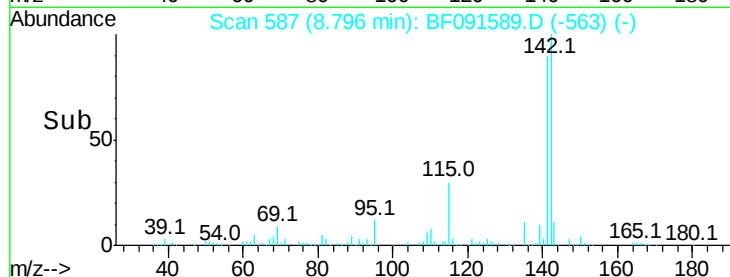
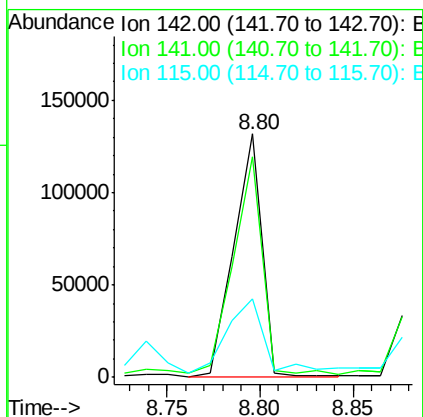
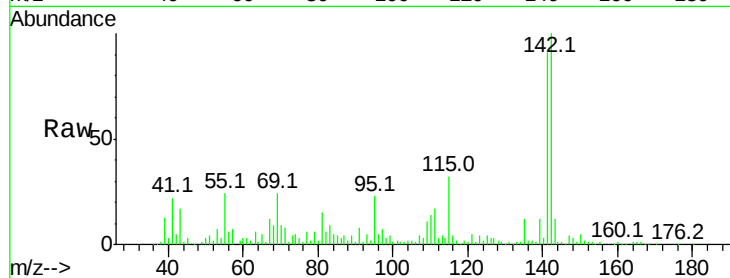
Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

Instrument :
BNA_F
ClientSampleId :
MW-15R

Tot Ion:142 Resp: 137619

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.7	107.5
115	32.3	25.0	37.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

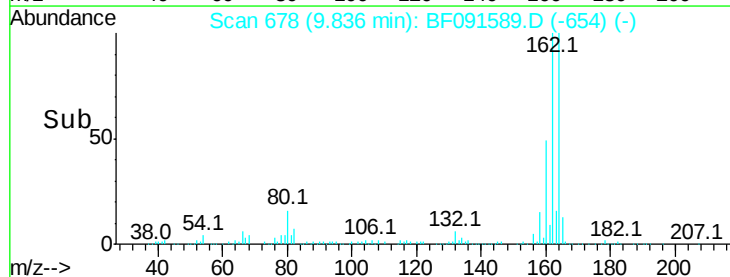
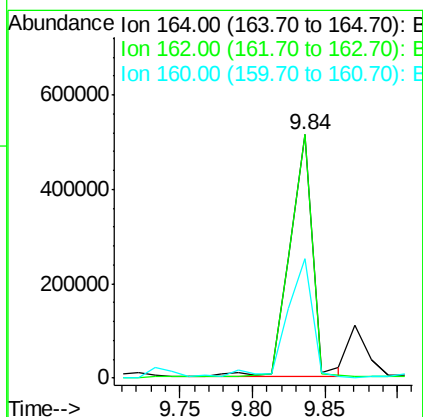
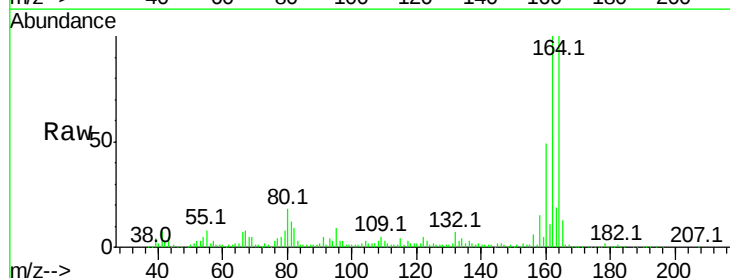
Delta R.T. -0.02 min

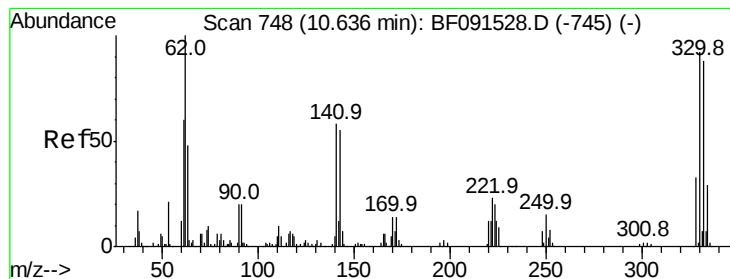
Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

Tgt Ion:164 Resp: 563692

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.6	124.0
160	49.0	36.7	55.1





#41

2,4,6-Tribromophenol

Concen: 94.54 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

Instrument :

BNA_F

ClientSampleId :

MW-15R

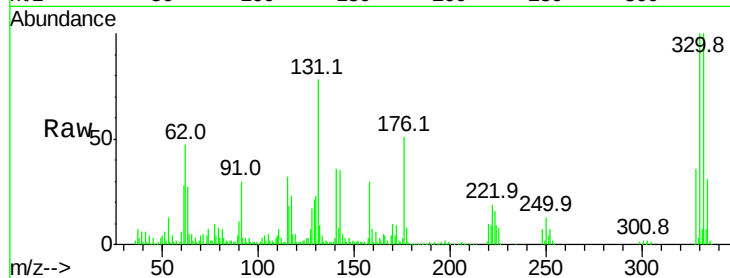
Tot Ion:330 Resp: 442638

Ion Ratio Lower Upper

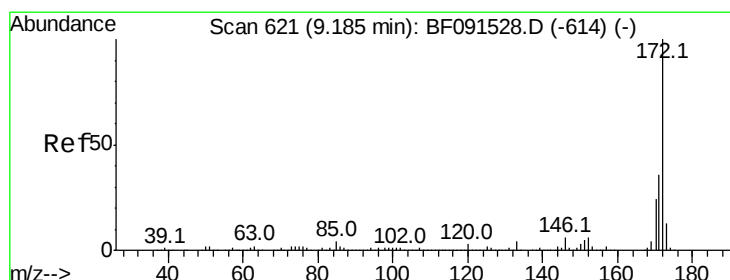
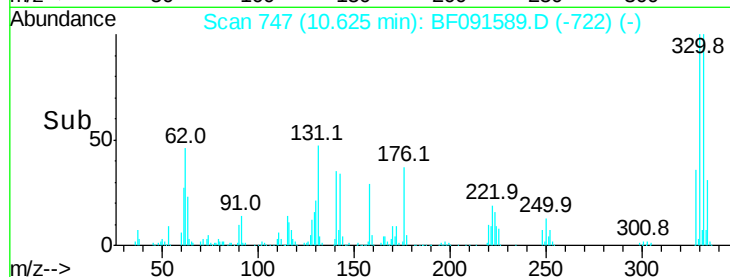
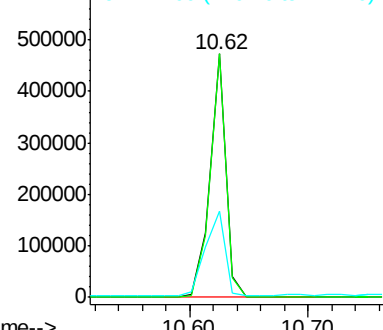
330 100

332 99.0 76.2 114.4

141 43.1 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: 70.05 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

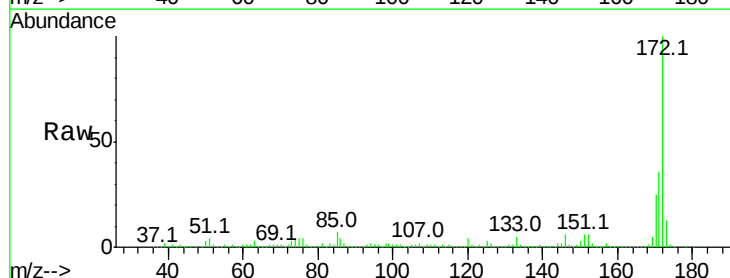
Tgt Ion:172 Resp: 2285408

Ion Ratio Lower Upper

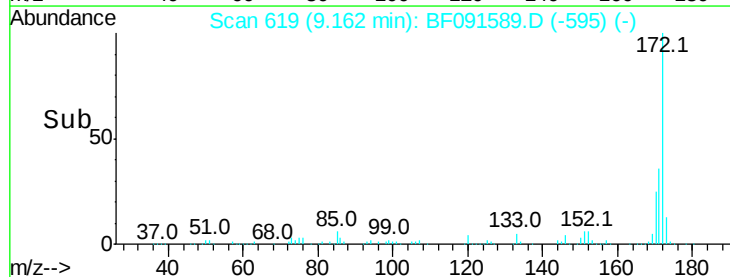
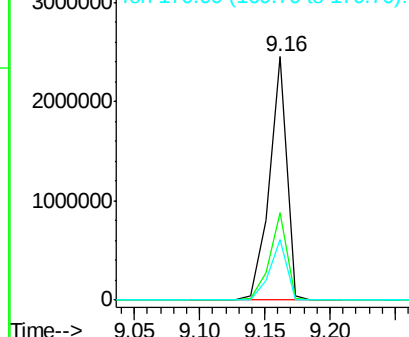
172 100

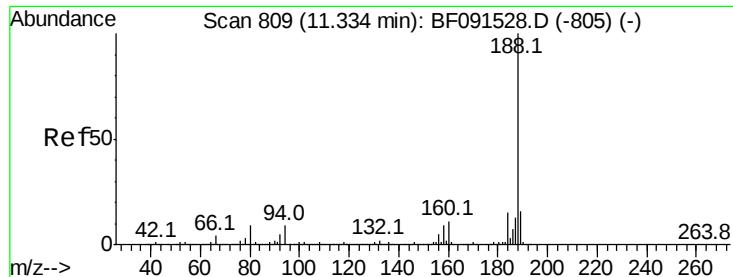
171 36.0 29.4 44.0

170 24.7 19.7 29.5



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

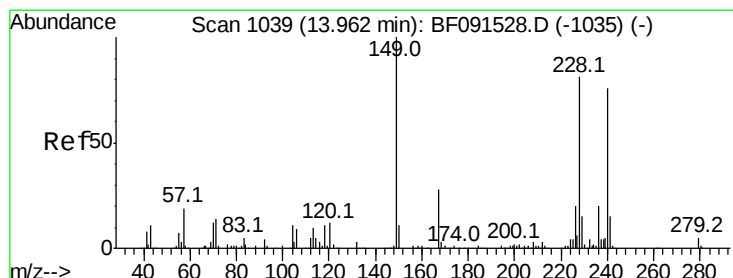
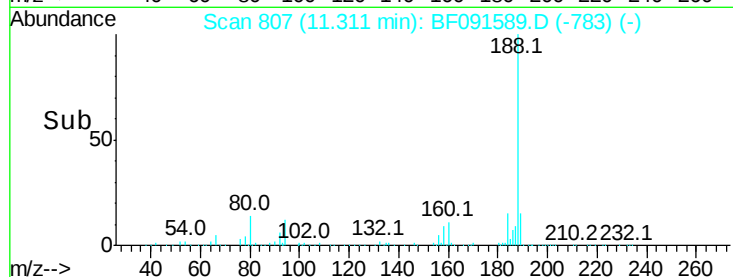
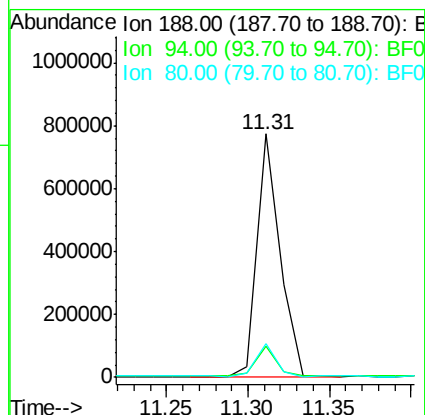
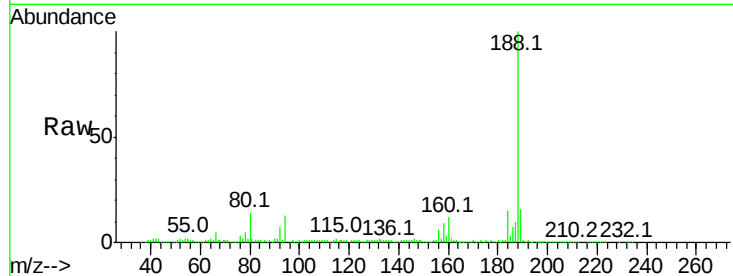




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091589.D
Acq: 14 Dec 2016 17:33

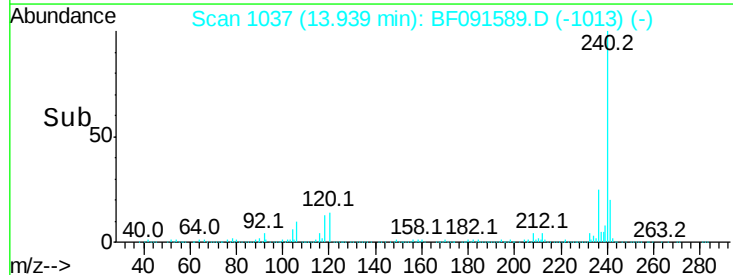
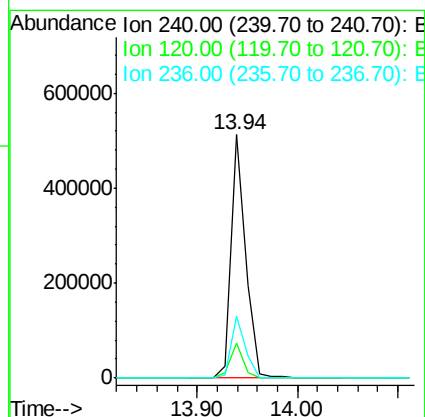
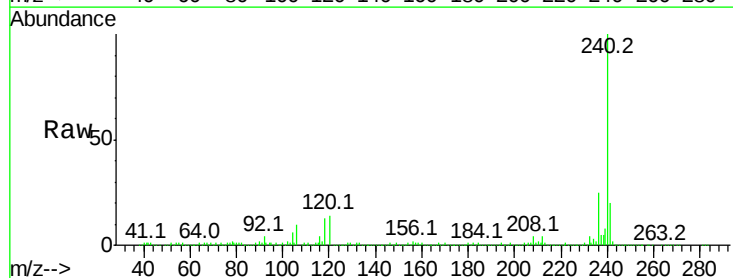
Instrument :
BNA_F
ClientSampleId :
MW-15R

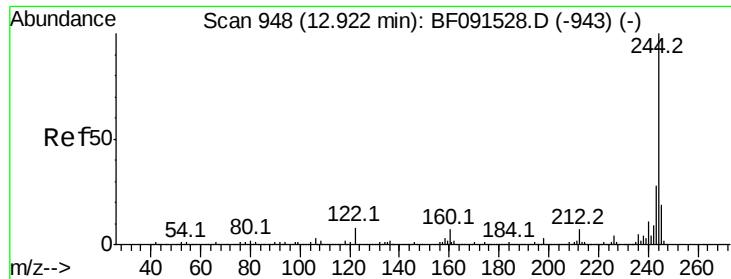
Tot Ion:188 Resp: 760168
Ion Ratio Lower Upper
188 100
94 12.9 9.2 13.8
80 14.1 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091589.D
Acq: 14 Dec 2016 17:33

Tgt Ion:240 Resp: 515563
Ion Ratio Lower Upper
240 100
120 14.5 12.1 18.1
236 25.5 21.0 31.6





#78

Terphenyl-d14

Concen: 73.72 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

Instrument :

BNA_F

ClientSampleId :

MW-15R

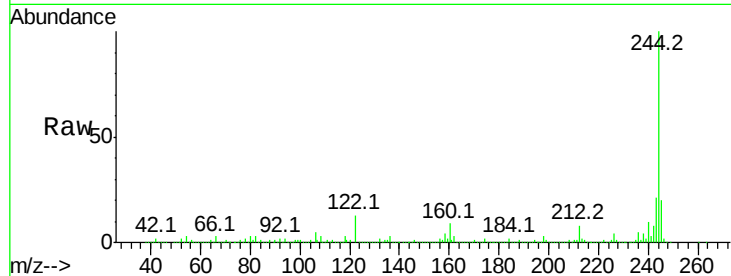
Tot Ion:244 Resp: 1674981

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

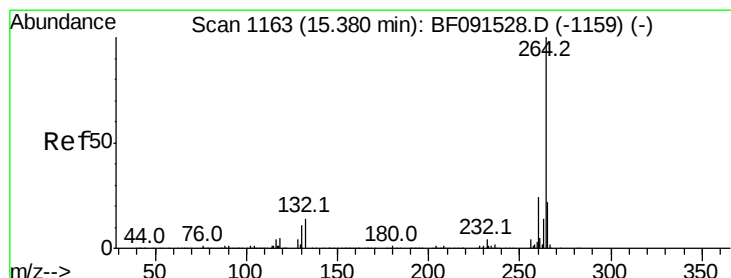
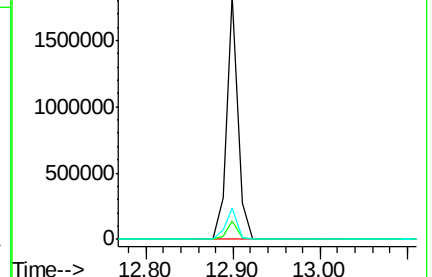
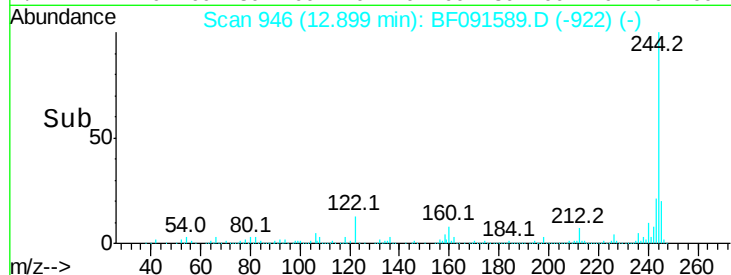
122 13.1 9.5 14.3



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF091589.D

Acq: 14 Dec 2016 17:33

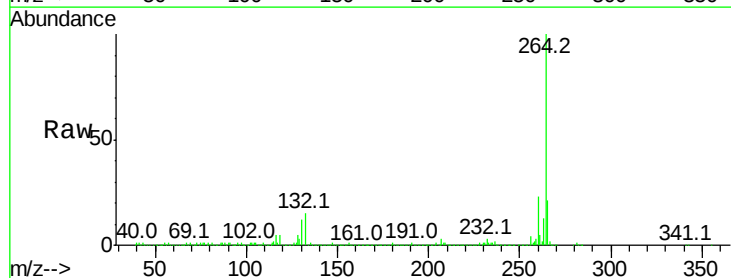
Tgt Ion:264 Resp: 512679

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.3 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

