

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094265.D
 Acq On : 7 Apr 2017 10:35
 Operator : SJ/MA
 Sample : I2574-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B44-S1(0-2)

Quant Time: Apr 07 13:33:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

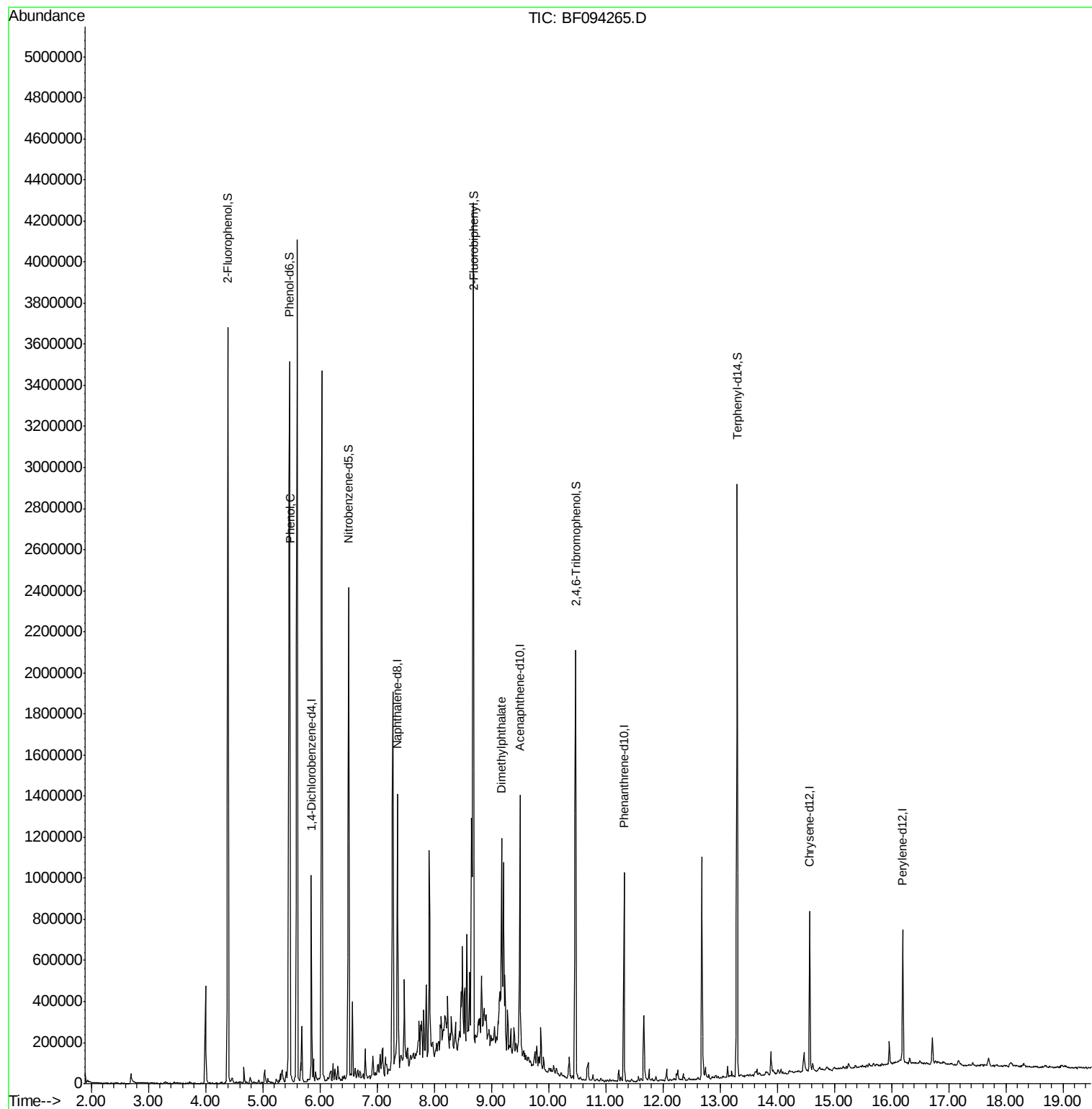
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	156223	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	608638	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	264595	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	428307	20.00	ng	0.00
75) Chrysene-d12	14.57	240	301287	20.00	ng	0.00
86) Perylene-d12	16.20	264	249303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1258111	136.02	ng	0.00
7) Phenol-d6	5.47	99	1654011	144.55	ng	0.00
23) Nitrobenzene-d5	6.50	82	1013703	95.05	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	294786	140.99	ng	0.00
44) 2-Fluorobiphenyl	8.69	172	1646140	94.89	ng	0.00
78) Terphenyl-d14	13.30	244	1067394	79.41	ng	0.00
Target Compounds						
10) Phenol	5.48	94	109983	8.45	ng	88
49) Dimethylphthalate	9.18	163	434305	23.09	ng	98

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

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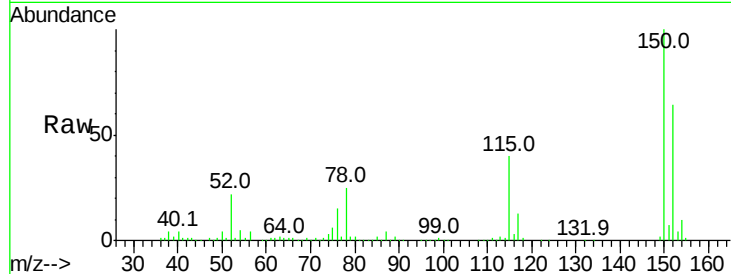


#1

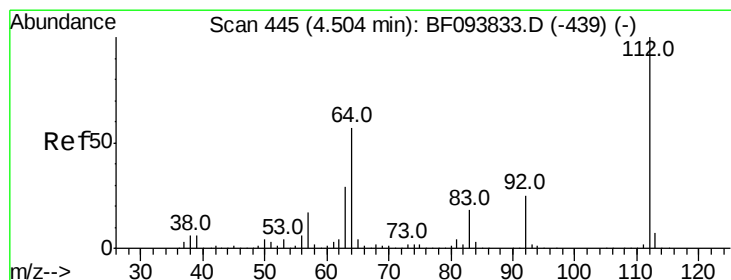
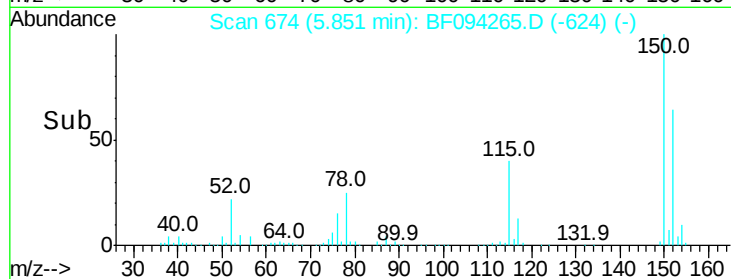
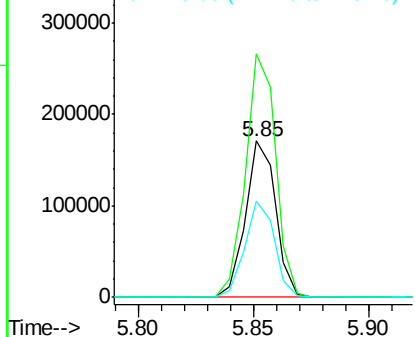
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Instrument :
BNA_F
ClientSampleId :
B44-S1(0-2)

Tot Ion:152 Resp: 156223
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 61.5 52.2 78.2



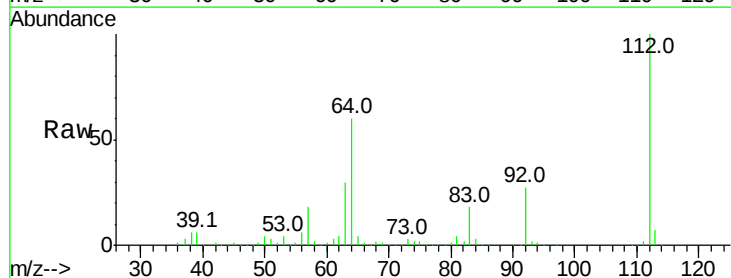
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



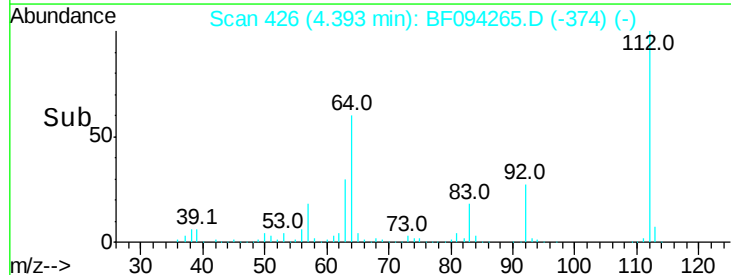
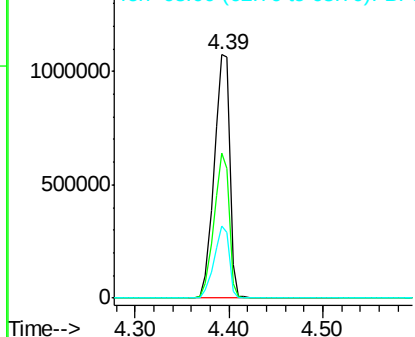
#5

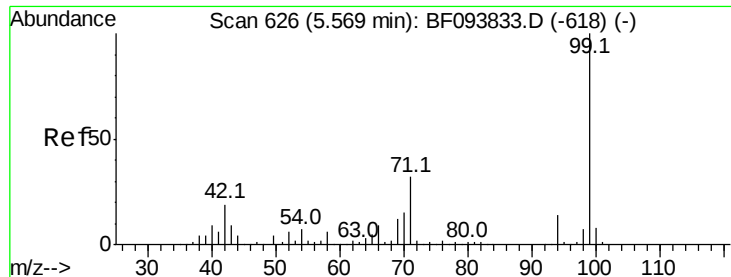
2-Fluorophenol
Concen: 136.02 ng
RT: 4.39 min Scan# 426
Delta R.T. 0.01 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Tgt Ion:112 Resp: 1258111
Ion Ratio Lower Upper
112 100
64 59.5 46.0 69.0
63 29.5 23.4 35.0



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: 144.55 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

B44-S1(0-2)

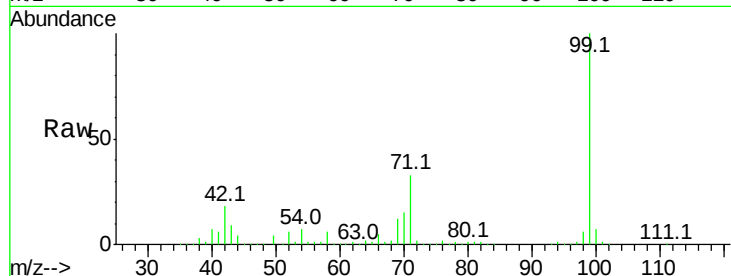
Tot Ion: 99 Resp: 1654011

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

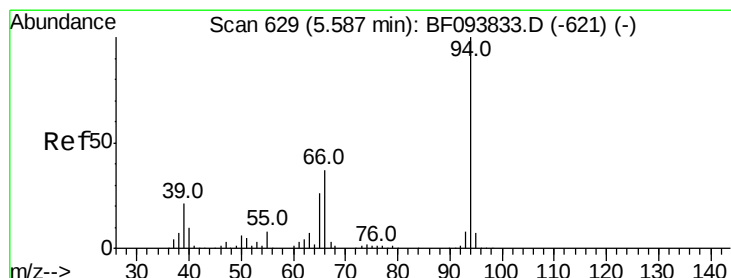
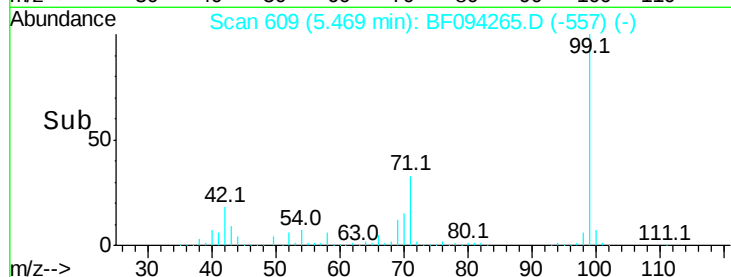
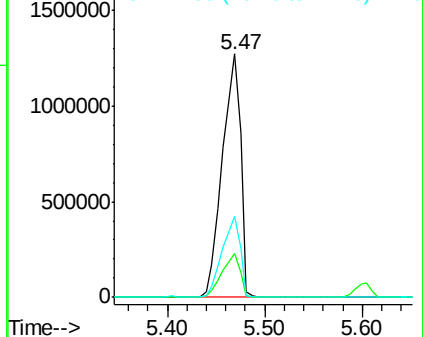
71 33.4 24.5 36.7



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: 8.45 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

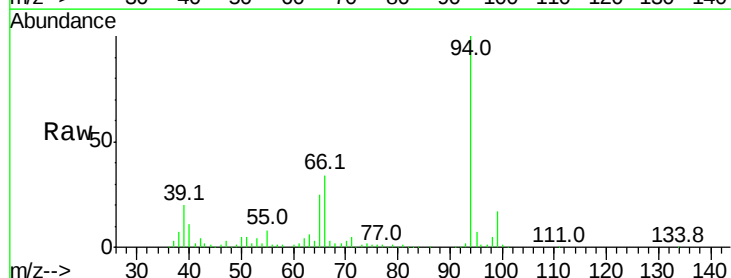
Tgt Ion: 94 Resp: 109983

Ion Ratio Lower Upper

94 100

65 25.0 9.9 49.9

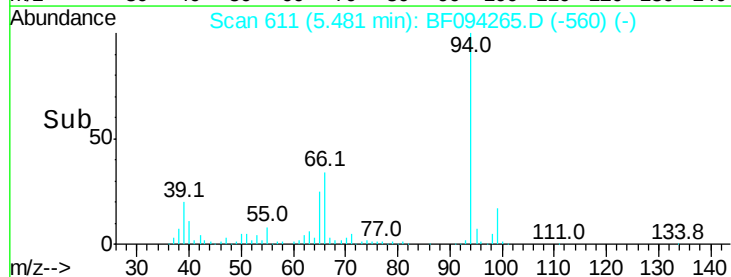
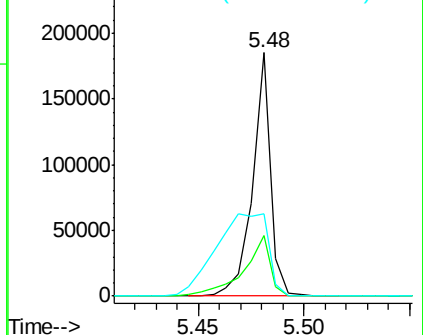
66 33.9 23.1 63.1



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: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

B44-S1(0-2)

Tot Ion:136 Resp: 608638

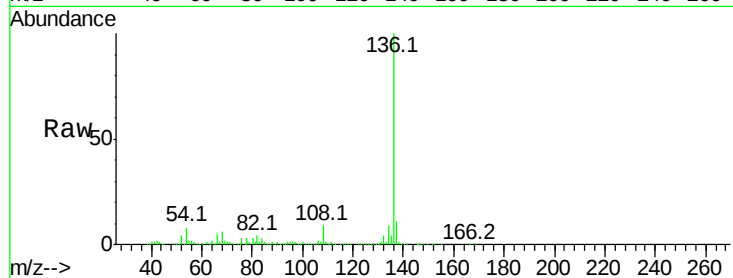
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.4 4.1 6.1#

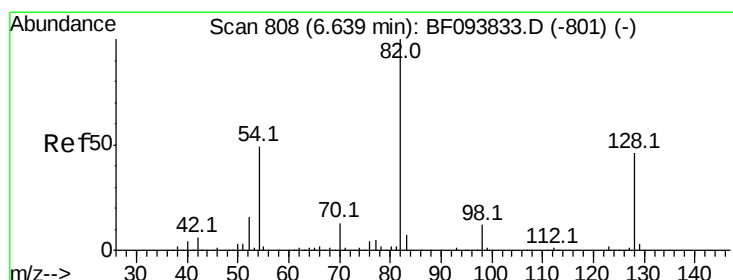
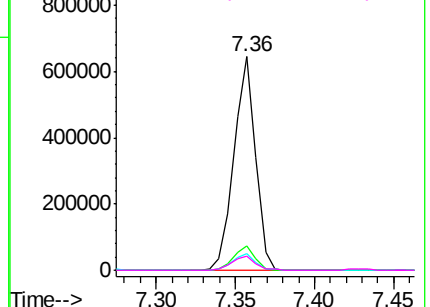
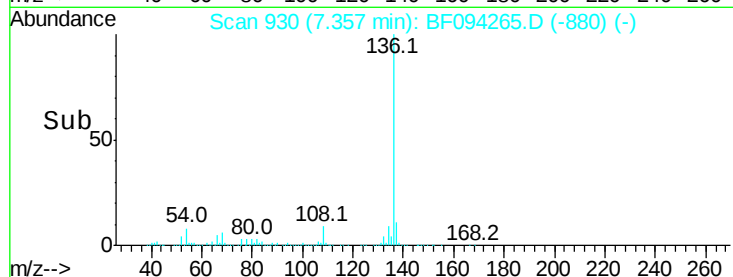


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.05 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

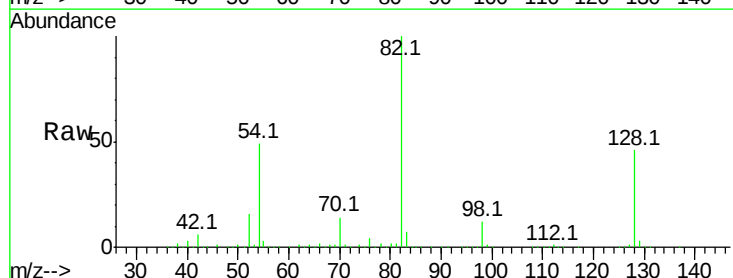
Tgt Ion: 82 Resp: 1013703

Ion Ratio Lower Upper

82 100

128 45.8 34.0 51.0

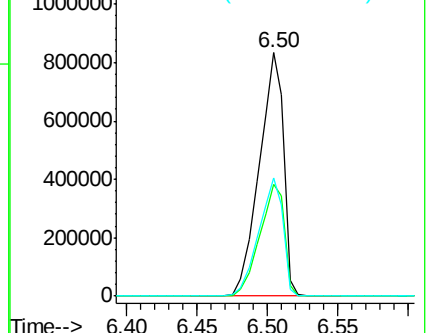
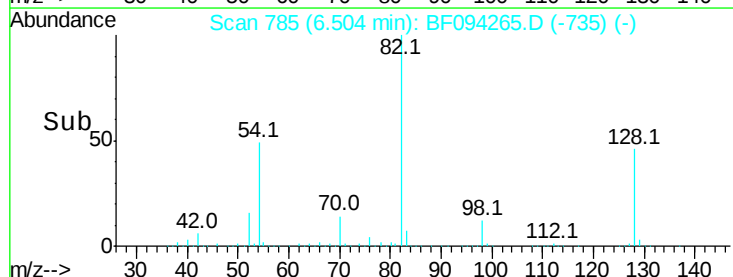
54 48.5 42.2 63.2

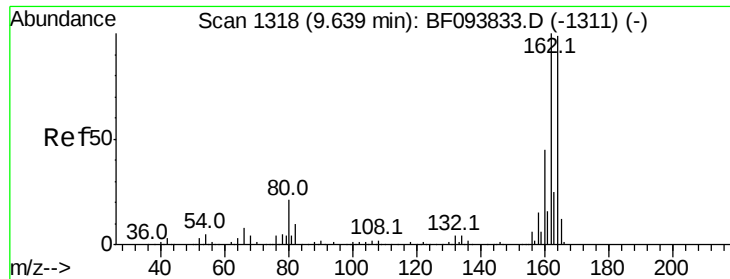


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

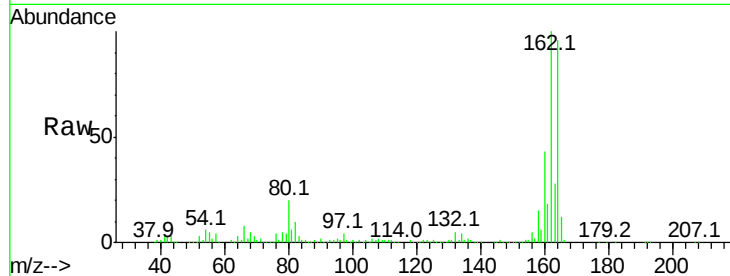




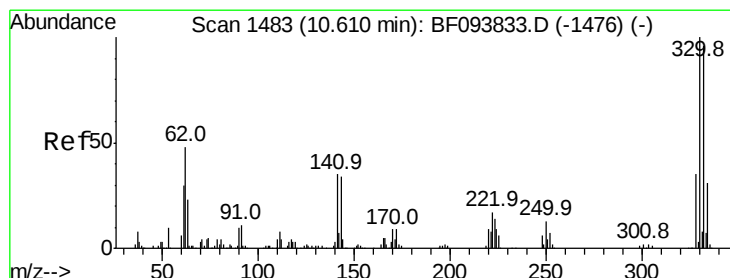
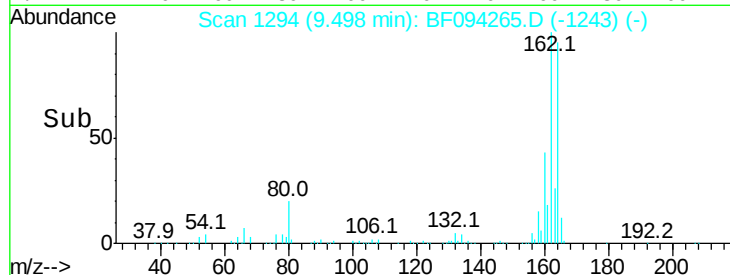
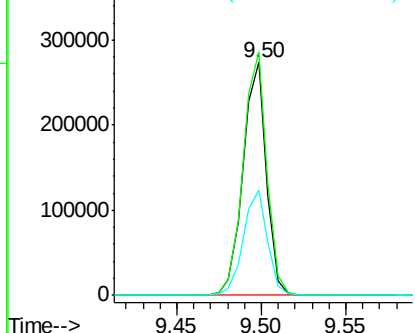
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Instrument :
BNA_F
ClientSampleId :
B44-S1(0-2)

Tot Ion:164 Resp: 264595
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 45.4 36.2 54.2

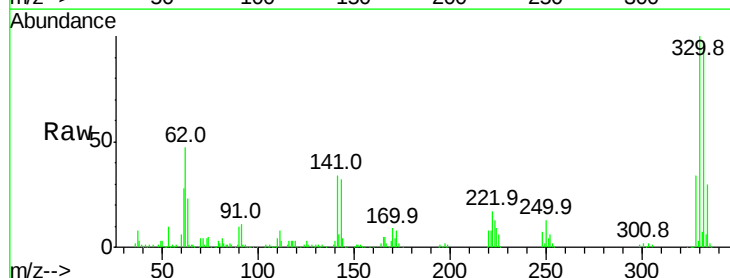


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

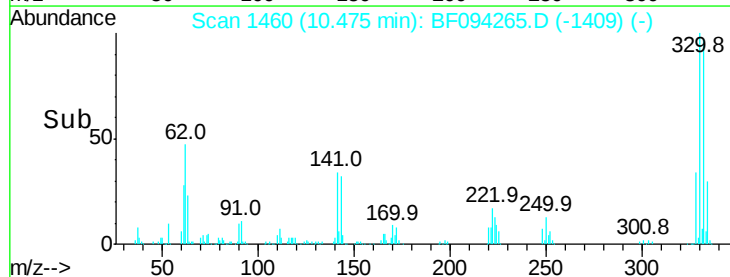
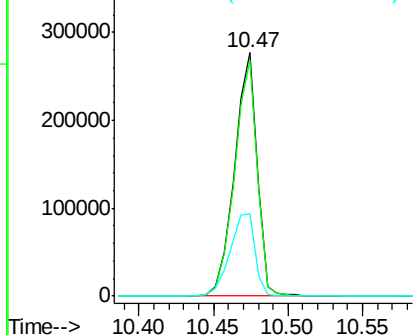


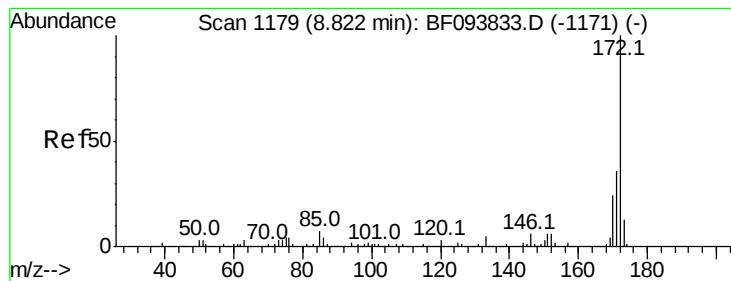
#41
2,4,6-Tribromophenol
Concen: 140.99 ng
RT: 10.47 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Tgt Ion:330 Resp: 294786
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 38.6 31.4 47.2



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

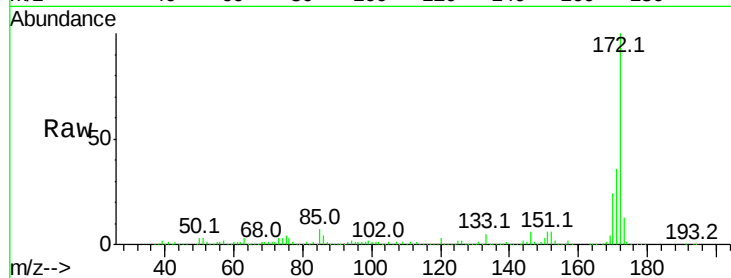




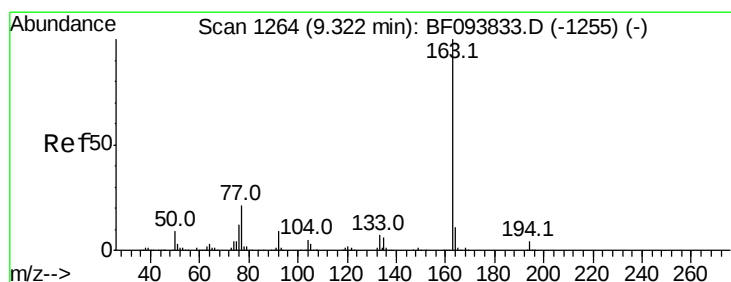
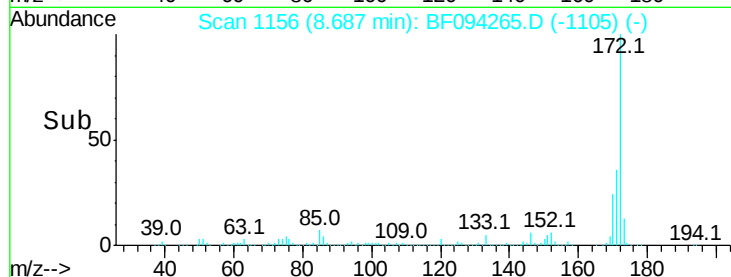
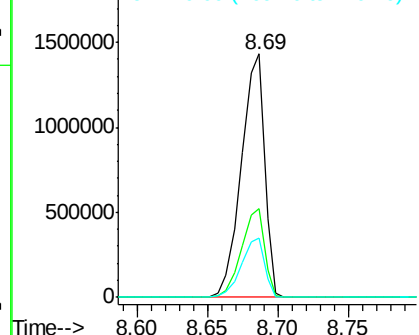
#44
2-Fluorobiphenyl
Concen: 94.89 ng
RT: 8.69 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Instrument :
BNA_F
ClientSampleId :
B44-S1(0-2)

Tot Ion:172 Resp: 1646140
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.2 19.8 29.8

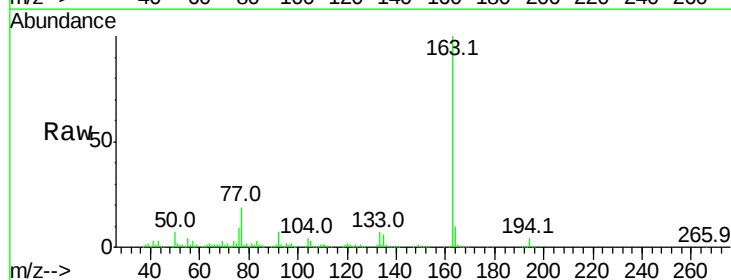


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

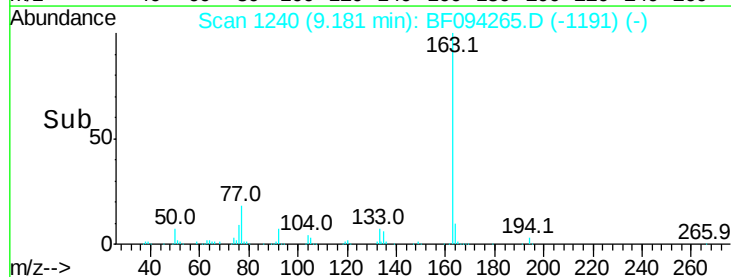
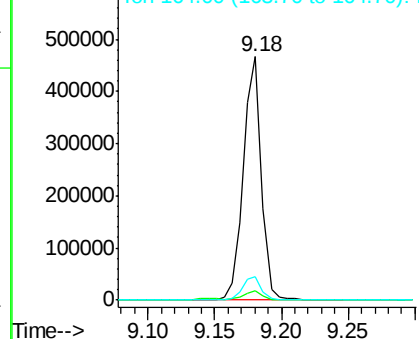


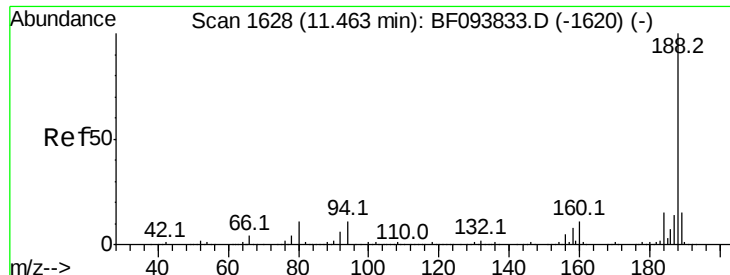
#49
Dimethylphthalate
Concen: 23.09 ng
RT: 9.18 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF094265.D
Acq: 7 Apr 2017 10:35

Tgt Ion:163 Resp: 434305
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 8.4 12.6



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: 20.00 ng

RT: 11.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

Instrument :

BNA_F

ClientSampleId :

B44-S1(0-2)

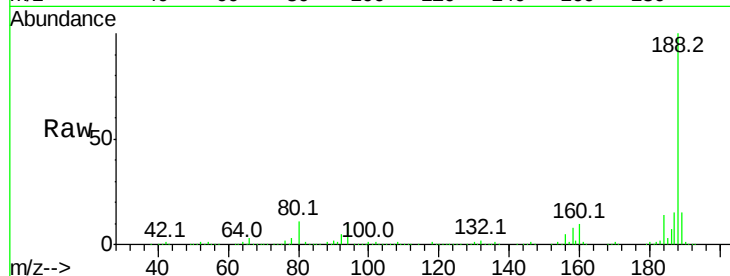
Tot Ion:188 Resp: 428307

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

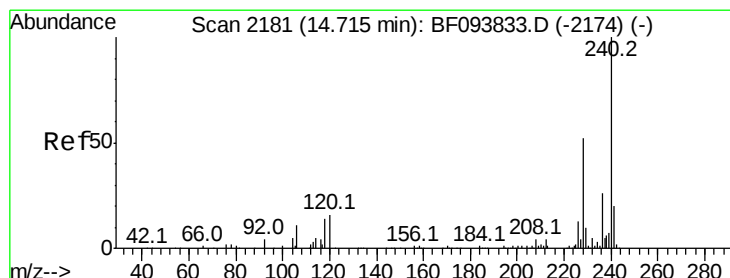
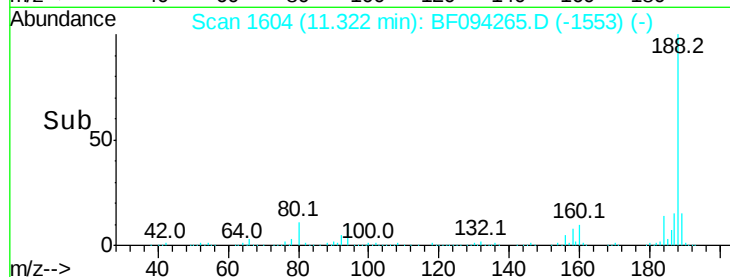
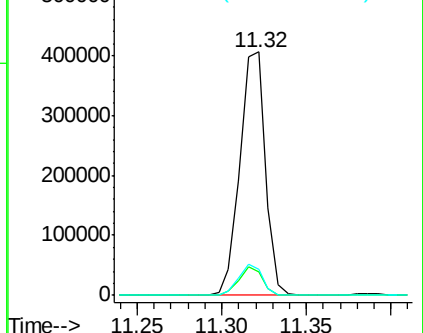
80 10.9 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094265.D

Acq: 7 Apr 2017 10:35

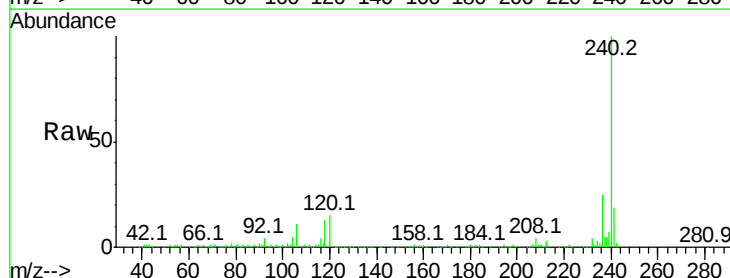
Tgt Ion:240 Resp: 301287

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

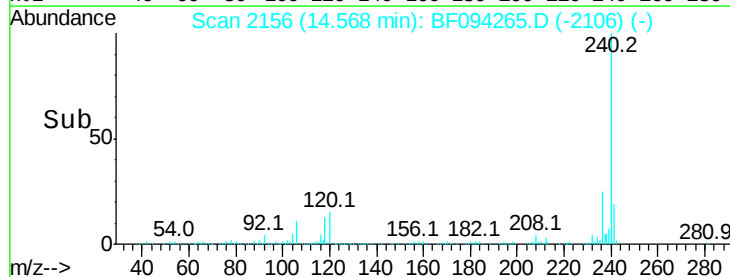
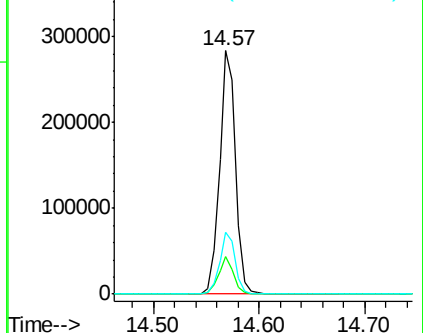
236 25.2 20.5 30.7

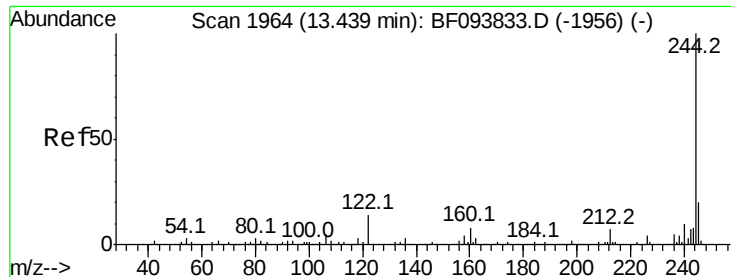


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

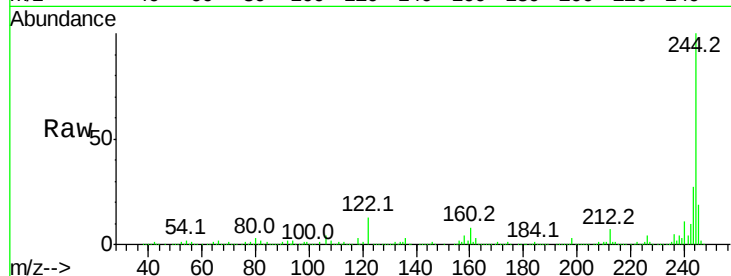




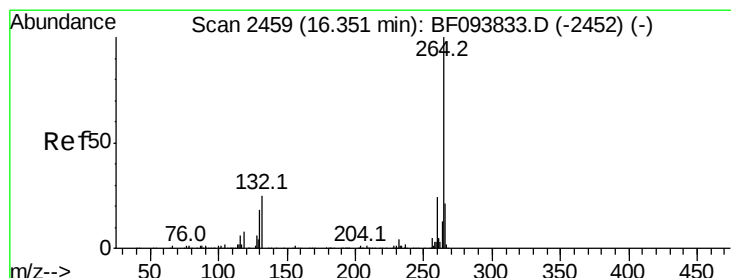
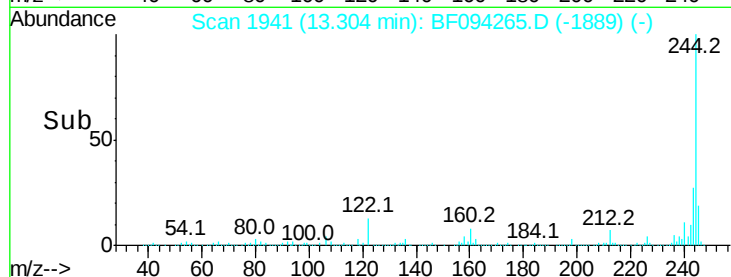
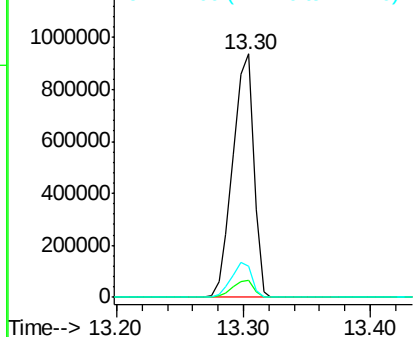
#78
 Terphenyl-d14
 Concen: 79.41 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094265.D
 Acq: 7 Apr 2017 10:35

Instrument :
 BNA_F
 ClientSampleId :
 B44-S1(0-2)

Tot Ion:244 Resp: 1067394
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.9 10.3 15.5

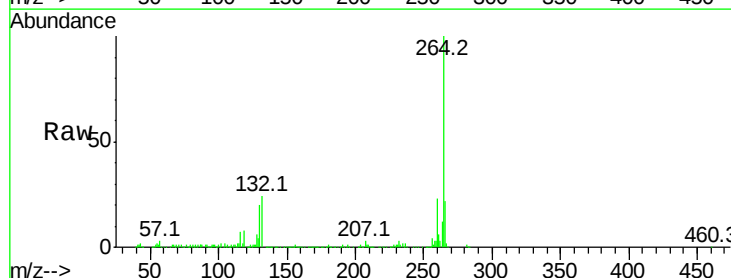


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BF094265.D
 Acq: 7 Apr 2017 10:35

Tgt Ion:264 Resp: 249303
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.6 17.2 25.8



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

