

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098477.D
 Acq On : 15 Dec 2018 18:07
 Operator : SJ/JU
 Sample : J6405-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20181210

Quant Time: Dec 16 02:53:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

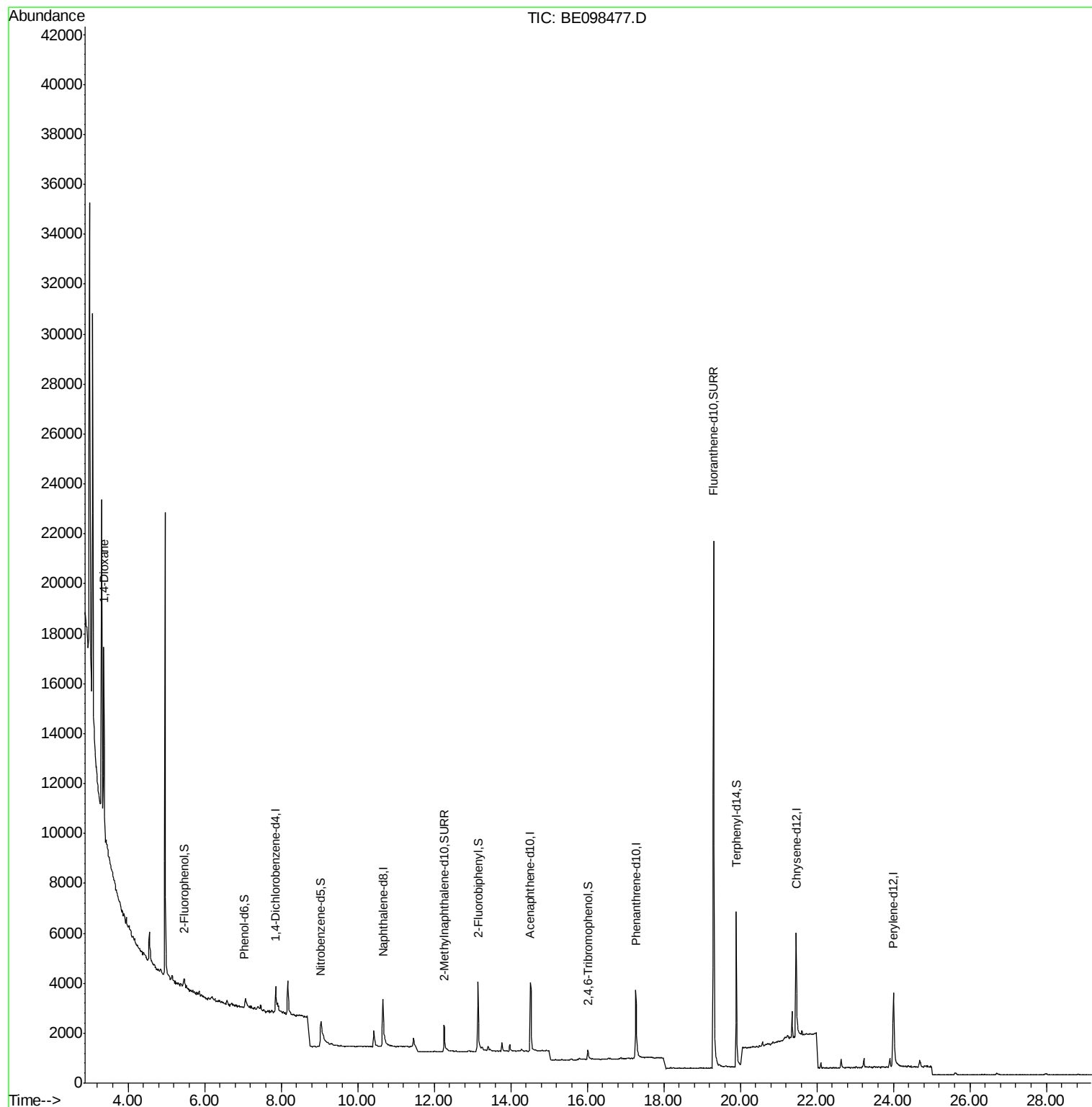
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	744	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3190	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	2046	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5475	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6215	0.40	ng	0.00
34) Perylene-d12	24.00	264	5996	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	348	0.20	ng	0.01
5) Phenol-d6	7.05	99	285	0.12	ng	0.00
8) Nitrobenzene-d5	9.04	82	1108	0.38	ng	0.02
11) 2-Methylnaphthalene-d10	12.25	152	2248	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	327	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3870	0.45	ng	0.00
25) Fluoranthene-d10	19.30	212	32321	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	6520	0.43	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.36	88	3645	2.833	ng	Qvalue # 94

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

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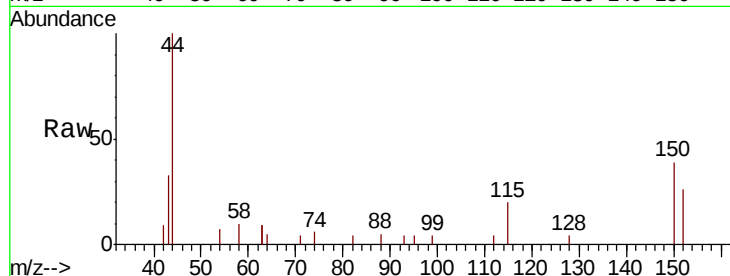


#1

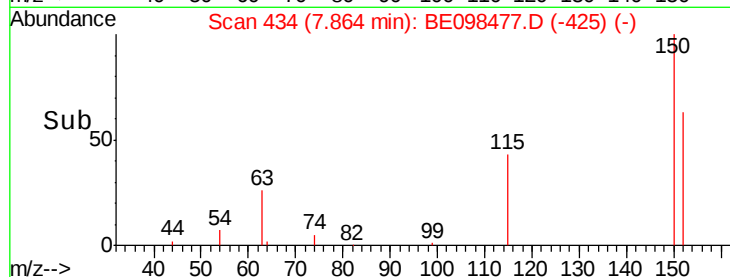
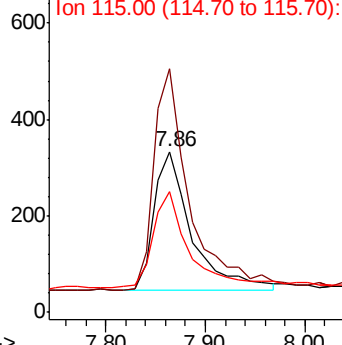
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098477.D
Acq: 15 Dec 2018 18:07

Instrument :
BNA_E
ClientSampleId :
RE108D1-20181210

Tot Ion:152 Resp: 744
Ion Ratio Lower Upper
152 100
150 151.7 124.2 186.4
115 75.4 53.9 80.9



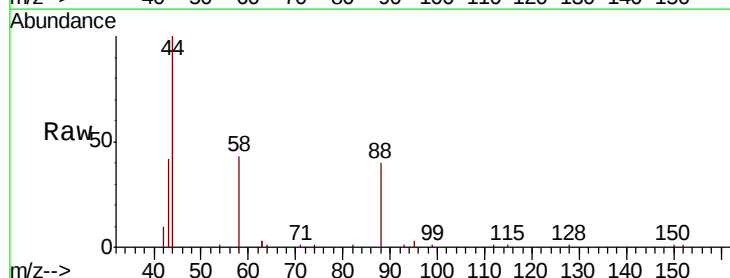
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



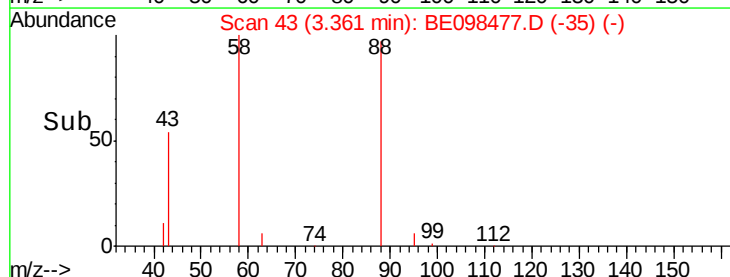
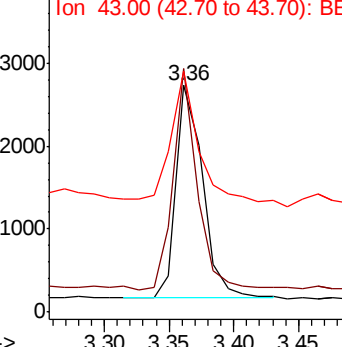
#2

1,4-Dioxane
Concen: 2.833 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098477.D
Acq: 15 Dec 2018 18:07

Tgt Ion: 88 Resp: 3645
Ion Ratio Lower Upper
88 100
58 93.9 75.0 112.6
43 60.6 38.3 57.5#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.200 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

Instrument :

BNA_E

ClientSampleId :

RE108D1-20181210

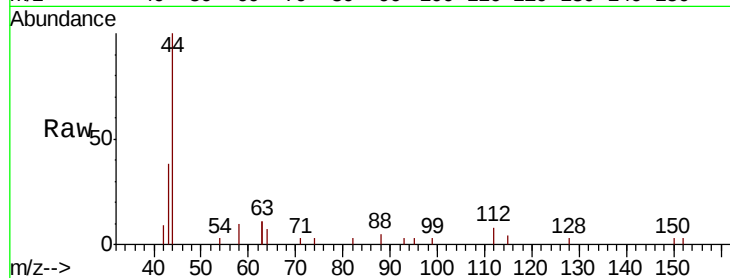
Tot Ion: 112 Resp: 348

Ion Ratio Lower Upper

112 100

64 73.6 59.8 89.8

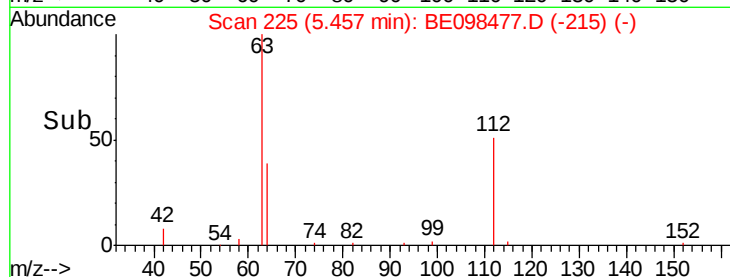
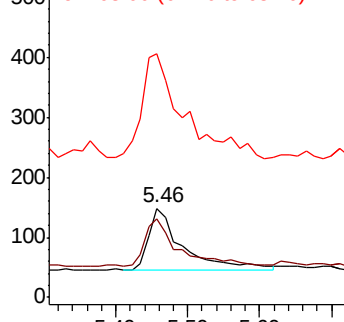
63 200.9 133.7 200.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.116 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

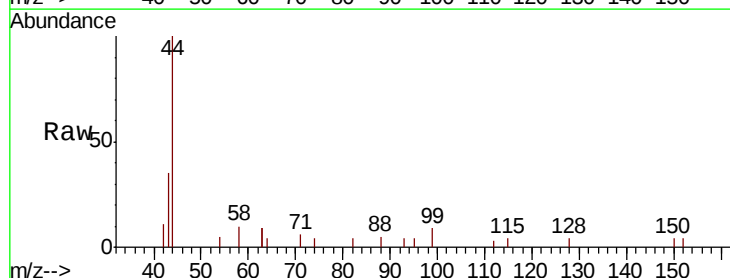
Tgt Ion: 99 Resp: 285

Ion Ratio Lower Upper

99 100

42 55.1 26.3 39.5#

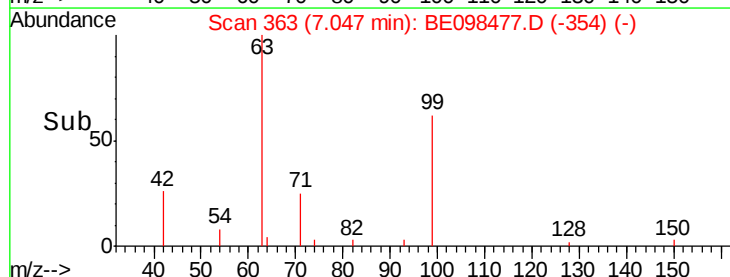
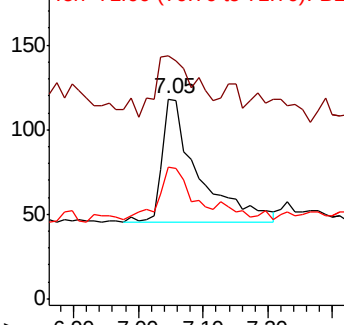
71 36.1 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

Instrument :

BNA_E

ClientSampleId :

RE108D1-20181210

Tot Ion:136 Resp: 3190

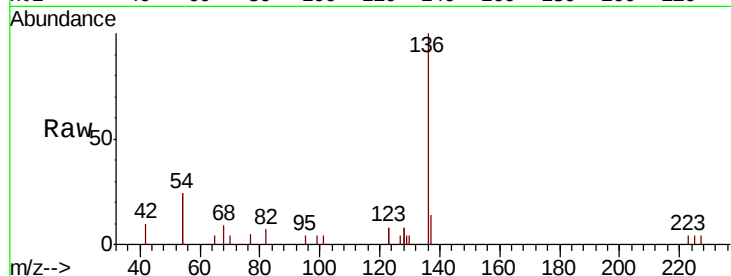
Ion Ratio Lower Upper

136 100

137 14.4 9.2 13.8#

54 48.9 28.4 42.6#

68 8.9 5.4 8.0#

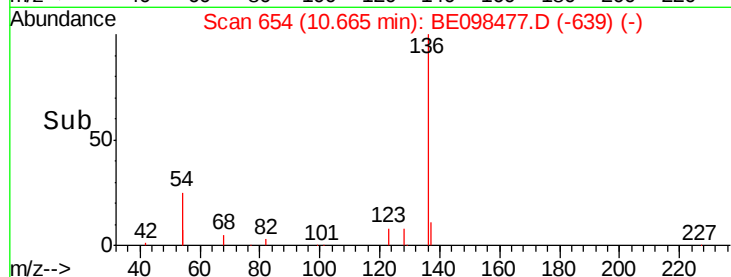
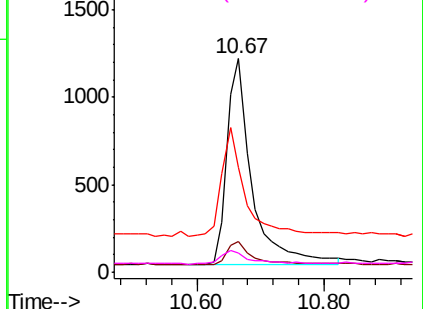


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.382 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.02 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

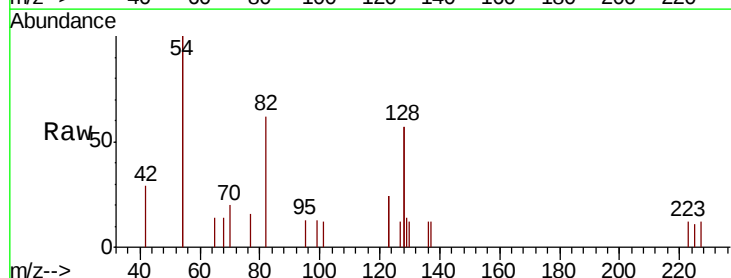
Tgt Ion: 82 Resp: 1108

Ion Ratio Lower Upper

82 100

128 184.0 102.4 153.6#

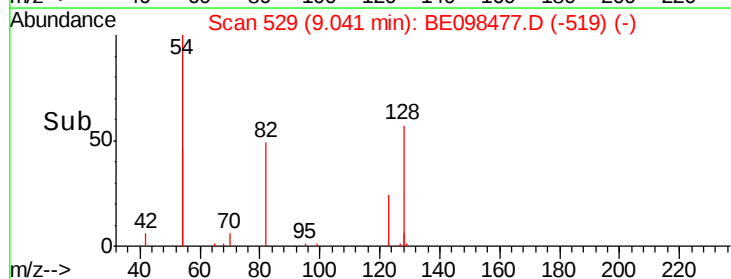
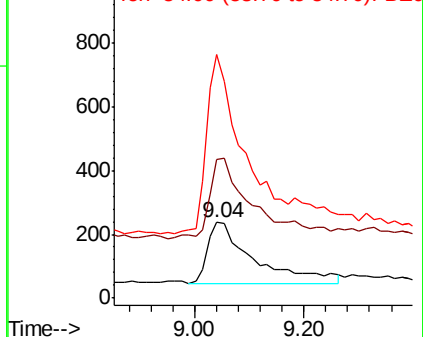
54 322.4 221.8 332.8

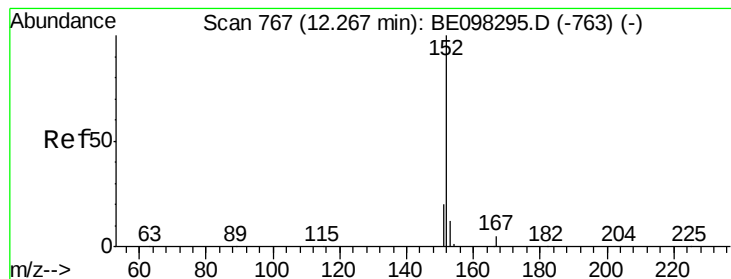


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.433 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

Instrument :

BNA_E

ClientSampleId :

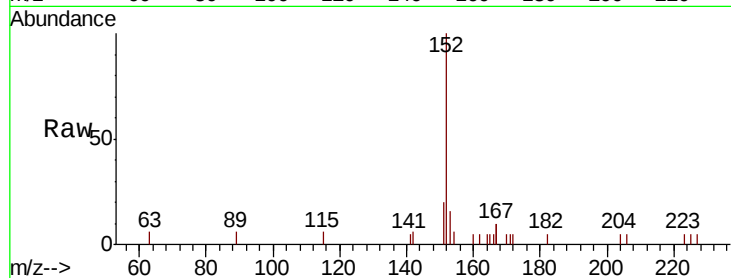
RE108D1-20181210

Tot Ion:152 Resp: 2248

Ion Ratio Lower Upper

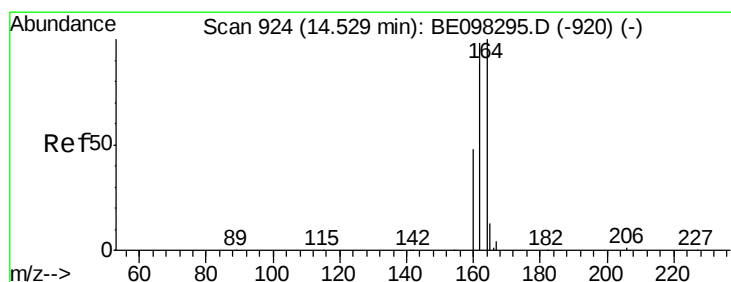
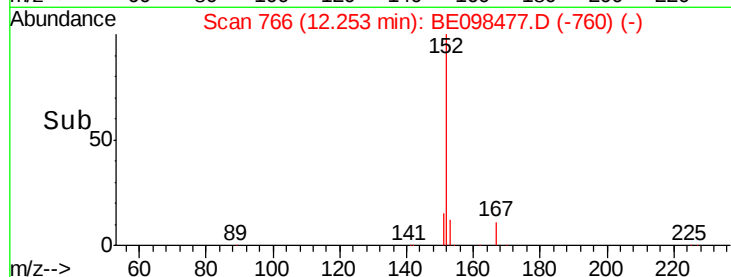
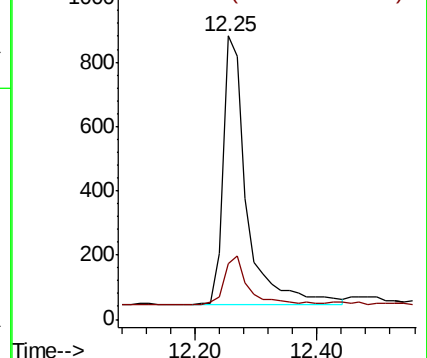
152 100

151 18.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

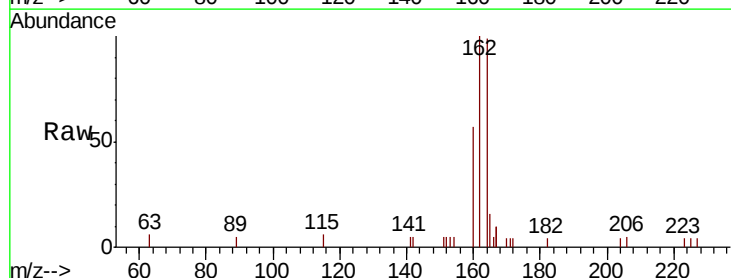
Tgt Ion:164 Resp: 2046

Ion Ratio Lower Upper

164 100

162 101.4 77.6 116.4

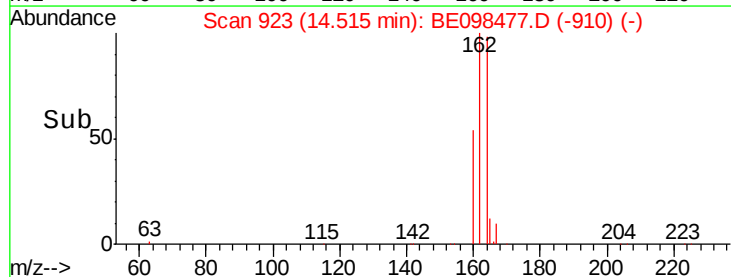
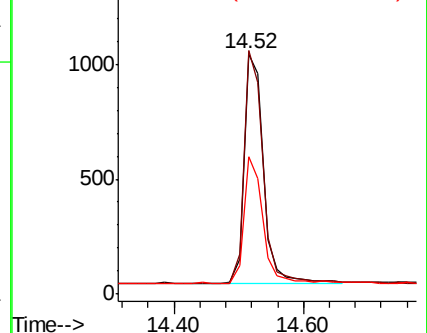
160 57.5 36.0 54.0#



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





#14

2,4,6-Tribromophenol

Concen: 0.435 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

Instrument :

BNA_E

ClientSampleId :

RE108D1-20181210

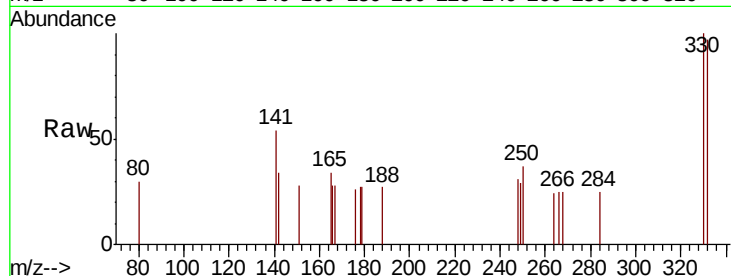
Tot Ion:330 Resp: 327

Ion Ratio Lower Upper

330 100

332 104.6 76.2 114.4

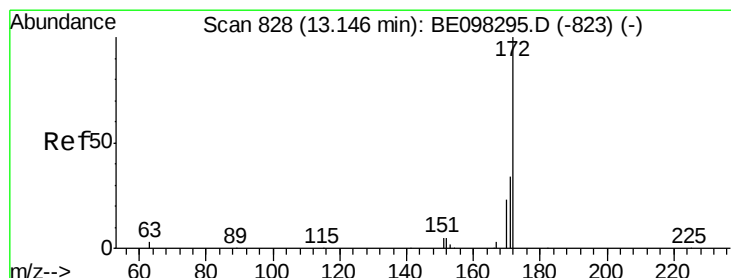
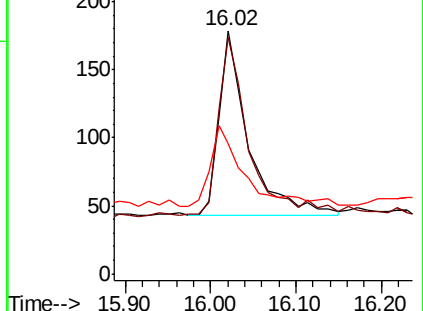
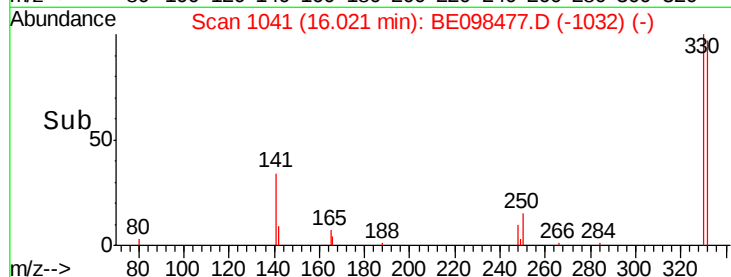
141 49.5 39.0 58.4



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.448 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

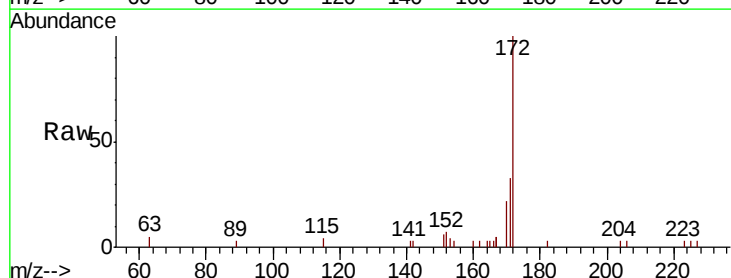
Tgt Ion:172 Resp: 3870

Ion Ratio Lower Upper

172 100

171 33.3 27.5 41.3

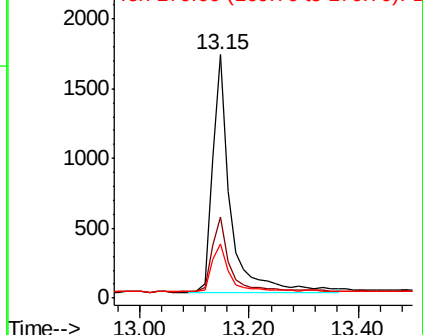
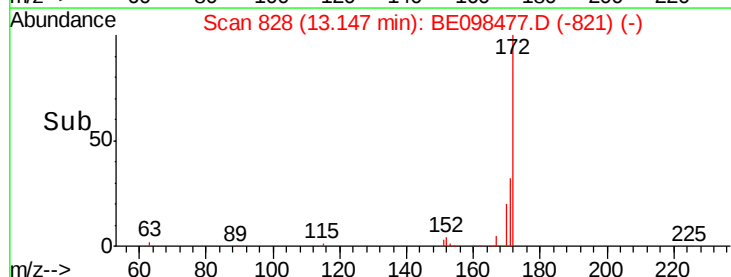
170 22.5 19.6 29.4

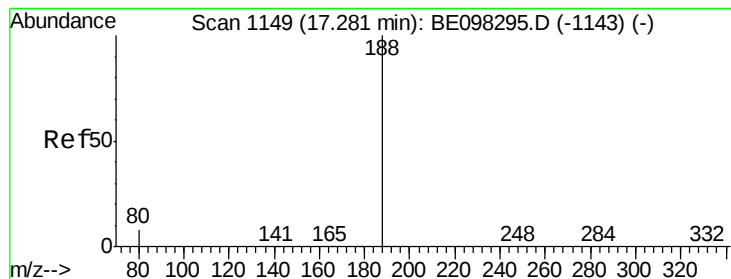


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

Instrument :

BNA_E

ClientSampleId :

RE108D1-20181210

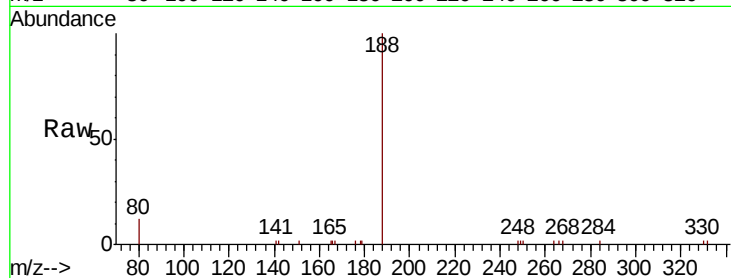
Tot Ion:188 Resp: 5475

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

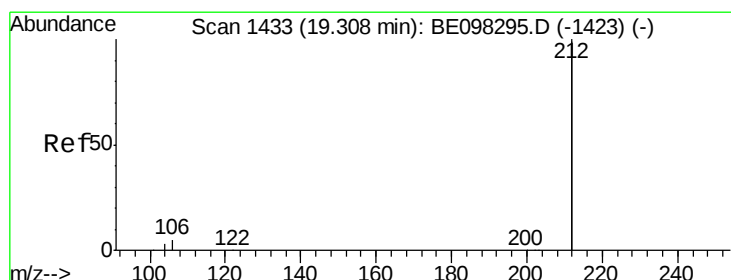
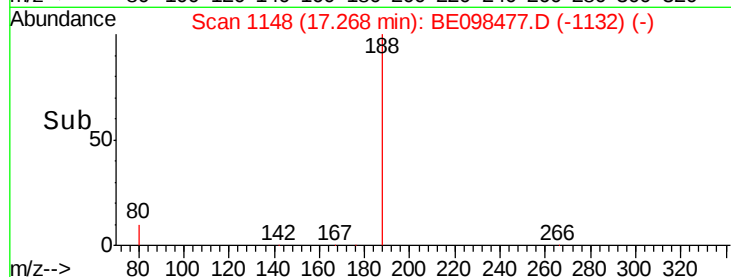
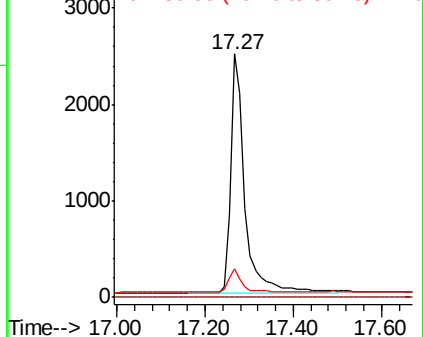
80 11.8 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Fluoranthene-d10

Concen: 0.460 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

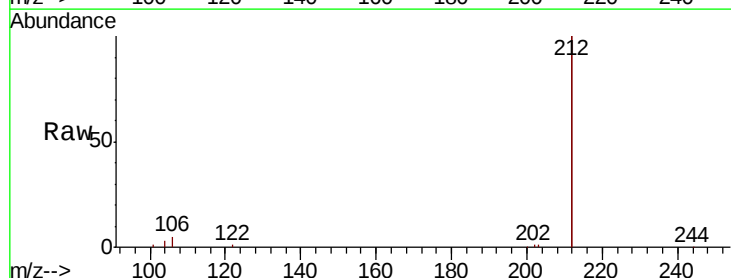
Tgt Ion:212 Resp: 32321

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

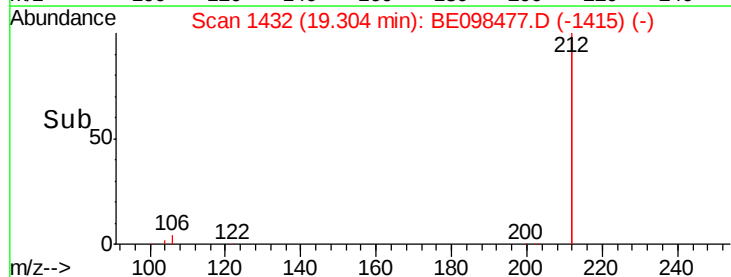
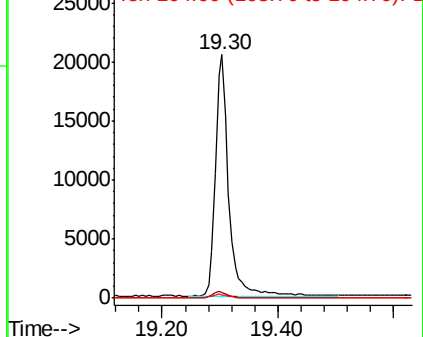
104 1.5 1.3 1.9

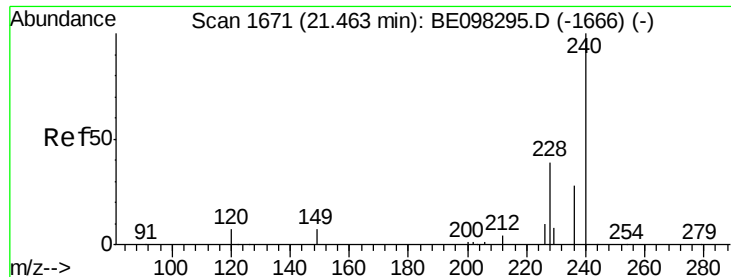


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

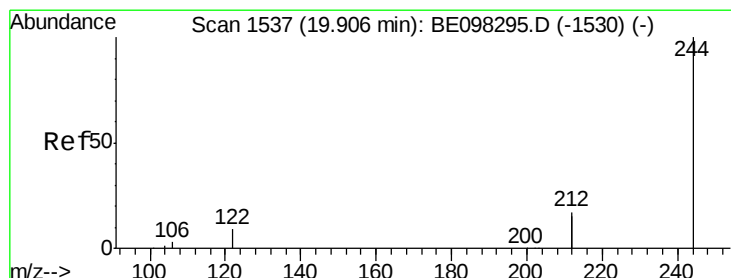
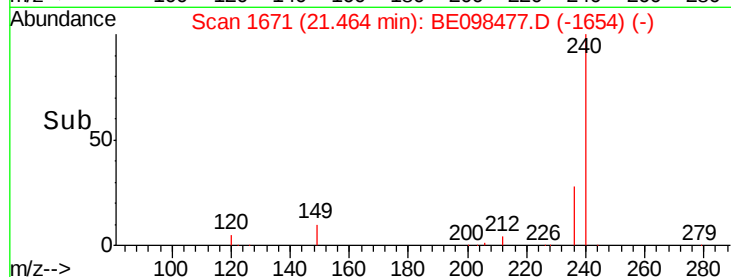
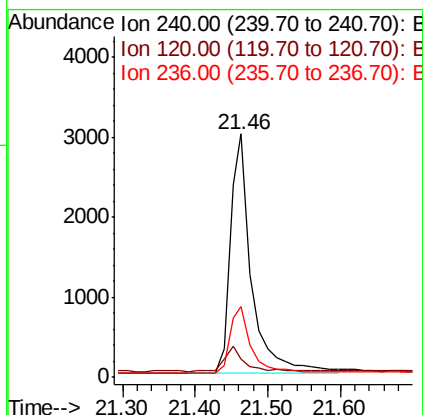
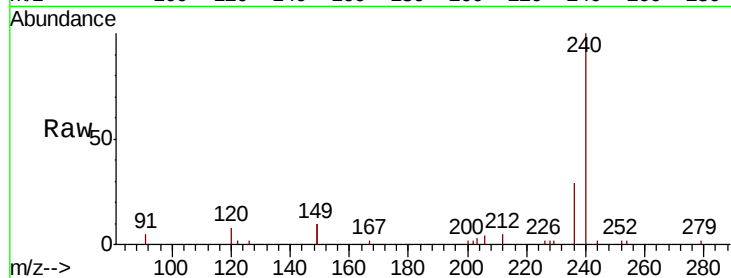




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098477.D
 Acq: 15 Dec 2018 18:07

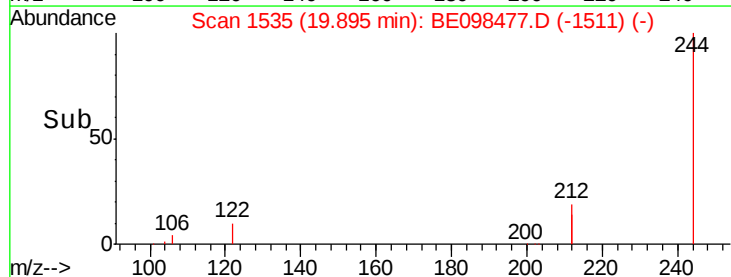
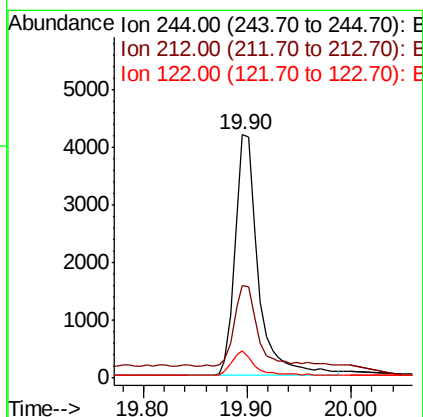
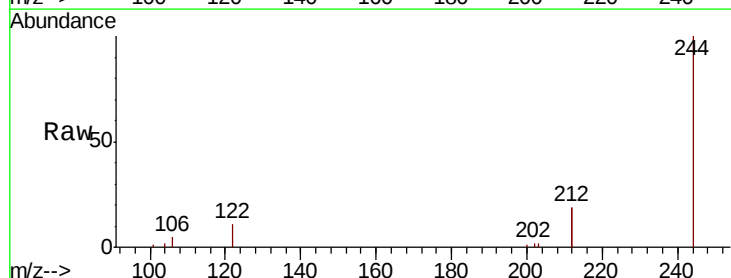
Instrument :
 BNA_E
 ClientSampleId :
 RE108D1-20181210

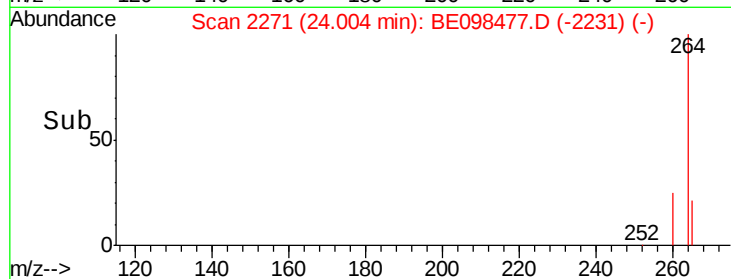
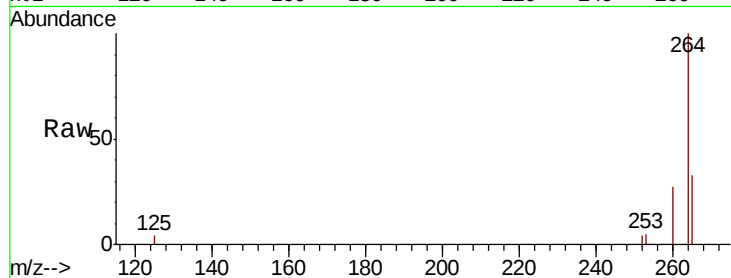
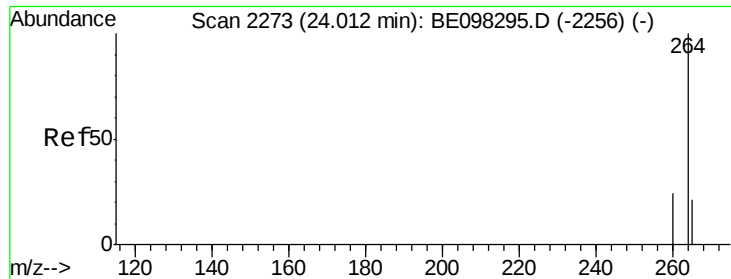
Tot Ion:240 Resp: 6215
 Ion Ratio Lower Upper
 240 100
 120 7.7 9.5 14.3#
 236 29.0 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.432 ng
 RT: 19.90 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BE098477.D
 Acq: 15 Dec 2018 18:07

Tgt Ion:244 Resp: 6520
 Ion Ratio Lower Upper
 244 100
 212 37.9 27.4 41.0
 122 11.2 8.3 12.5





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098477.D

Acq: 15 Dec 2018 18:07

Instrument :

BNA_E

ClientSampleId :

RE108D1-20181210

Tot Ion: 264 Resp: 5996

Ion Ratio Lower Upper

264 100

260 26.5 20.2 30.2

265 32.5 25.2 37.8

