

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121618\
 Data File : BE098505.D
 Acq On : 16 Dec 2018 13:54
 Operator : SJ/JU
 Sample : J6405-08DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20181210DL

Quant Time: Dec 17 03:32:08 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

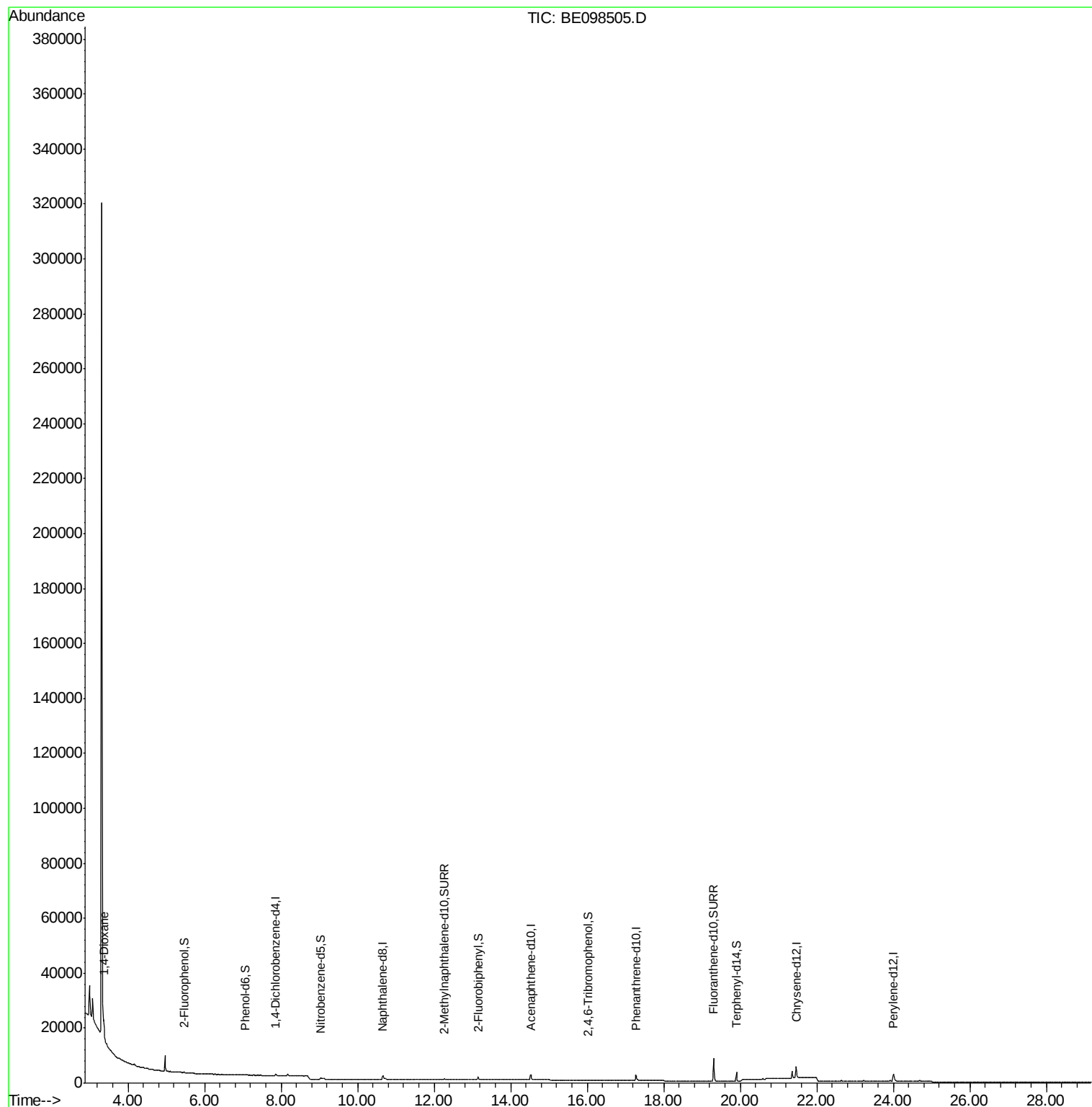
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	535	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	2132	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	1402	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	4182	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	5824	0.40	ng	0.00
34) Perylene-d12	24.00	264	5577	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	162	0.13	ng	0.01
5) Phenol-d6	7.06	99	130	0.07	ng	0.01
8) Nitrobenzene-d5	9.04	82	471	0.24	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	685	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	146	0.28	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	1511	0.26	ng	0.00
25) Fluoranthene-d10	19.30	212	13543	0.25	ng	0.00
29) Terphenyl-d14	19.90	244	3347	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2314	2.501	ng	Qvalue # 93

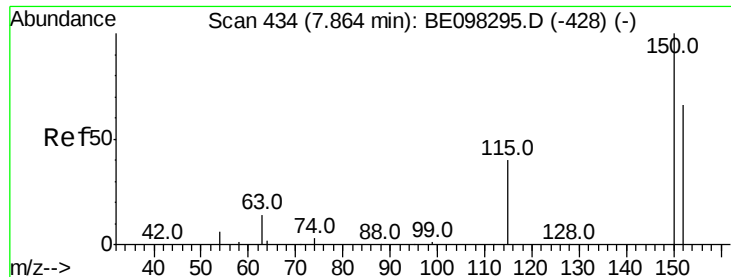
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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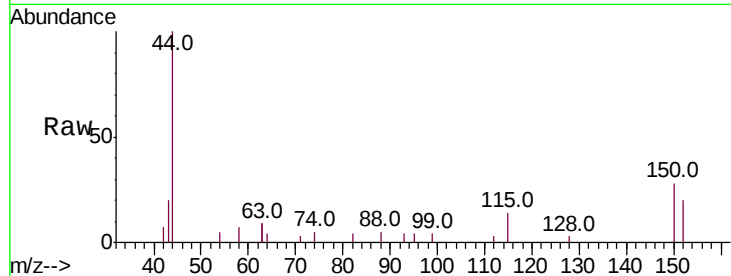


#1

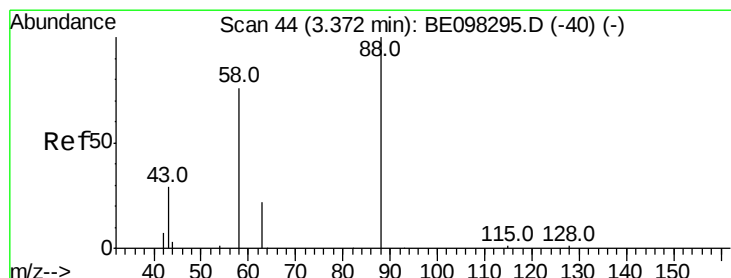
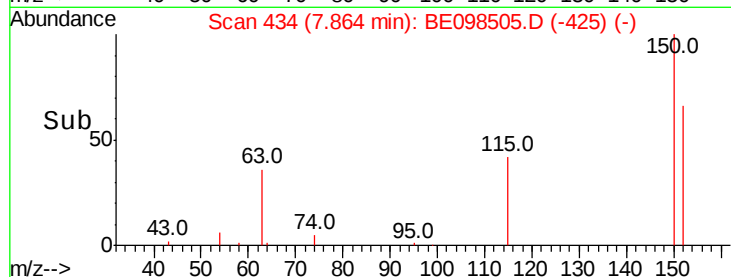
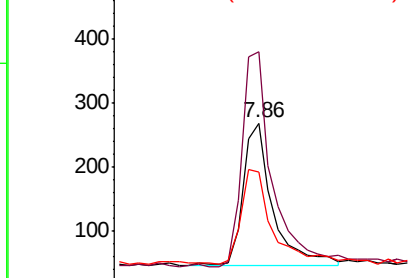
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Instrument :
BNA_E
ClientSampleId :
RE105D2-20181210DL

Tot Ion:152 Resp: 535
Ion Ratio Lower Upper
152 100
150 141.3 124.2 186.4
115 71.7 53.9 80.9



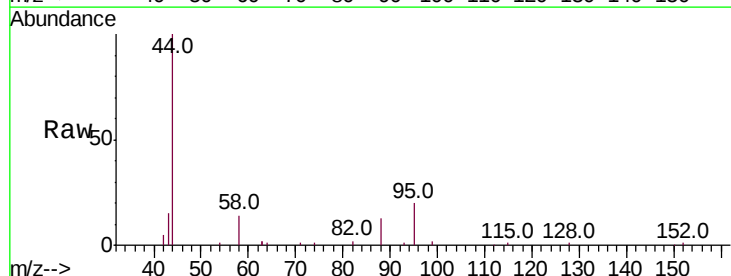
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



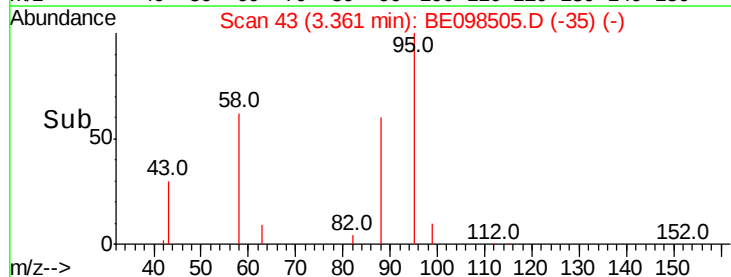
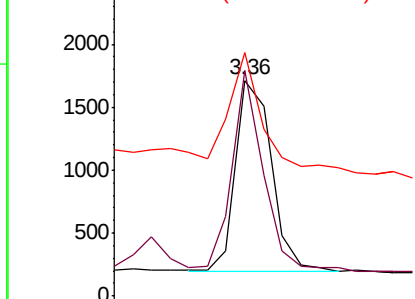
#2

1,4-Dioxane
Concen: 2.501 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098505.D
Acq: 16 Dec 2018 13:54

Tgt Ion: 88 Resp: 2314
Ion Ratio Lower Upper
88 100
58 91.7 75.0 112.6
43 59.3 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: 0.129 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098505.D

Acq: 16 Dec 2018 13:54

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210DL

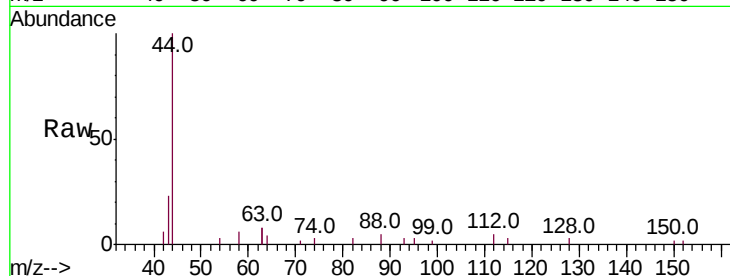
Tot Ion:112 Resp: 162

Ion Ratio Lower Upper

112 100

64 53.1 59.8 89.8#

63 212.3 133.7 200.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

400

300

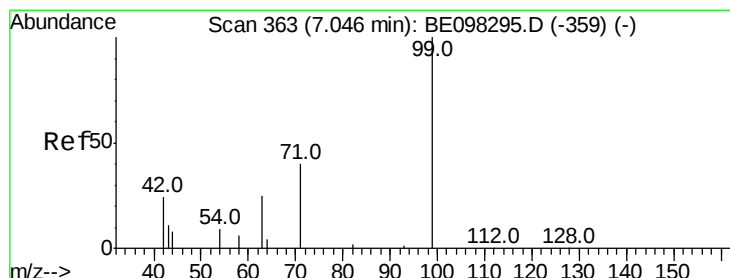
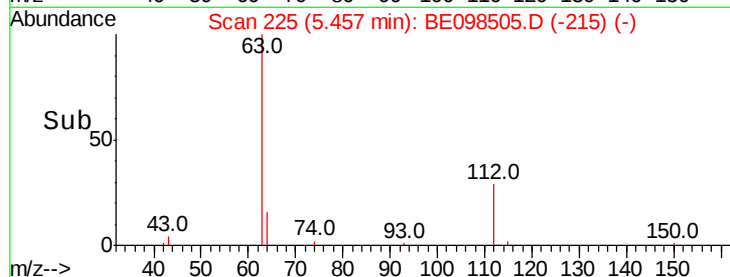
200

100

0

5.40 5.46 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.073 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098505.D

Acq: 16 Dec 2018 13:54

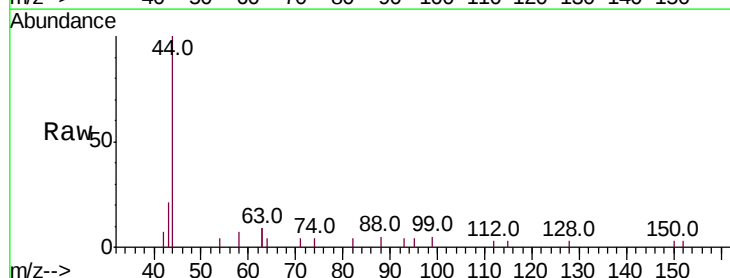
Tgt Ion: 99 Resp: 130

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

71 41.5 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

150

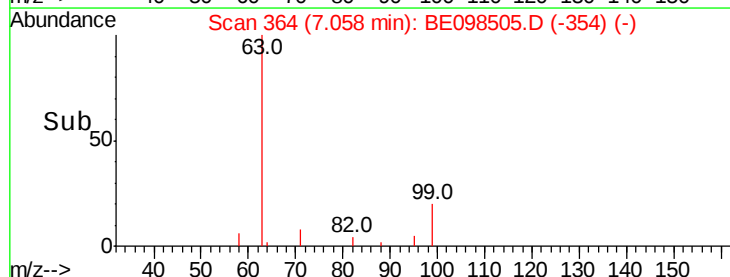
100

50

0

7.00 7.06 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098505.D

Acq: 16 Dec 2018 13:54

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210DL

Tot Ion:136 Resp: 2132

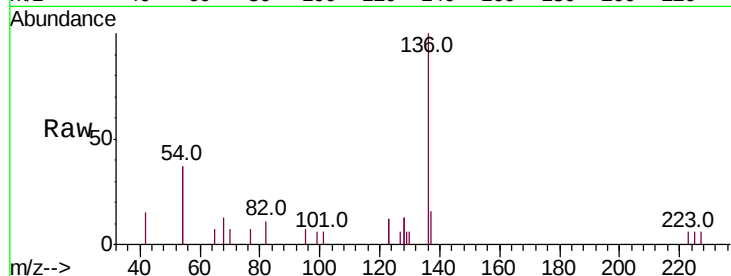
Ion Ratio Lower Upper

136 100

137 16.4 9.2 13.8#

54 74.2 28.4 42.6#

68 13.3 5.4 8.0#

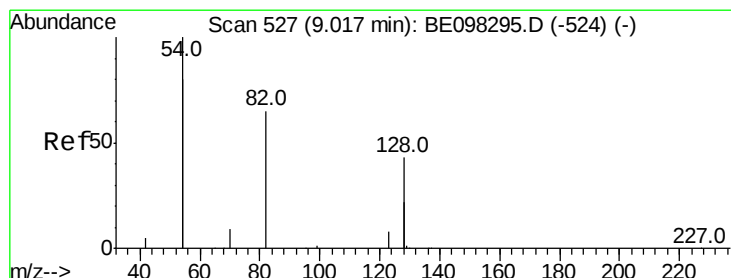
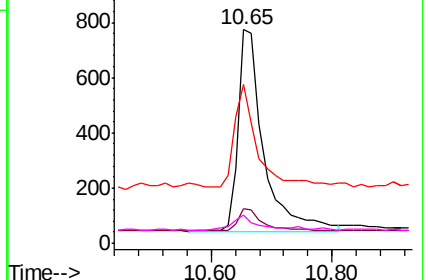
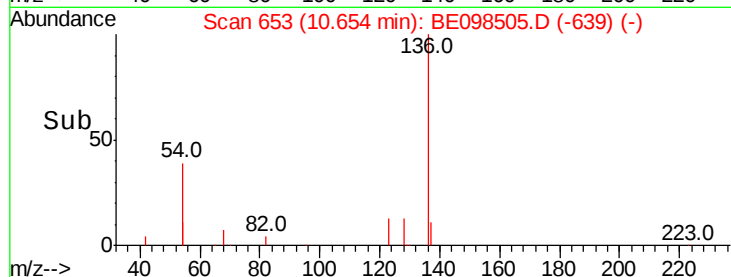


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.243 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098505.D

Acq: 16 Dec 2018 13:54

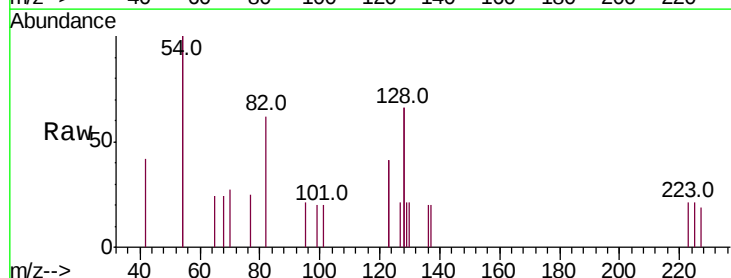
Tgt Ion: 82 Resp: 471

Ion Ratio Lower Upper

82 100

128 212.9 102.4 153.6#

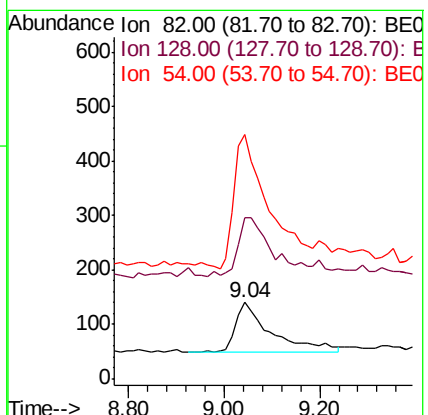
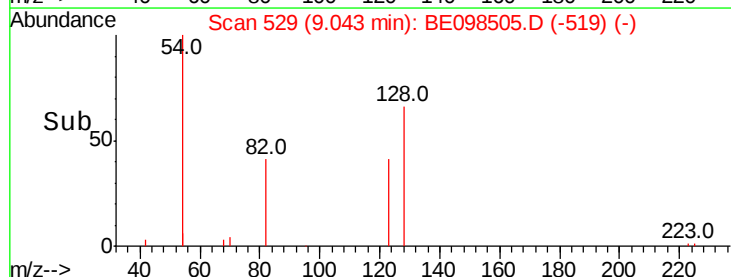
54 322.3 221.8 332.8

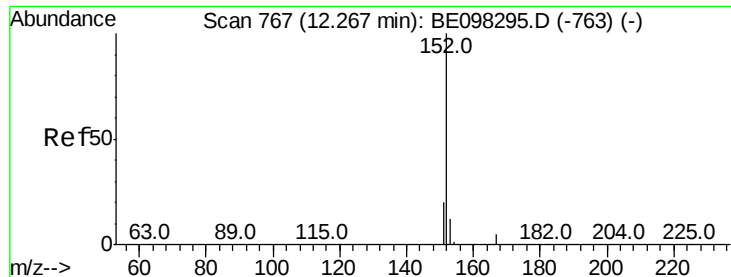


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

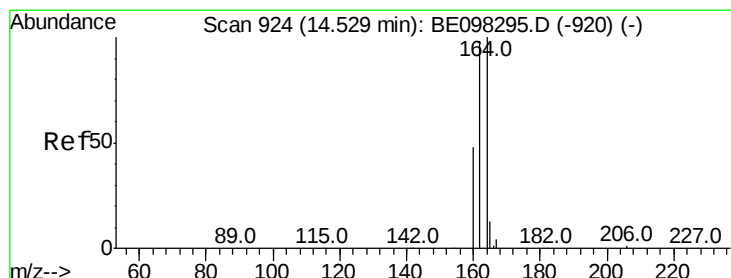
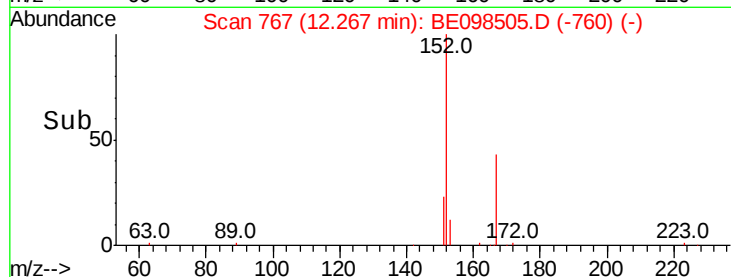
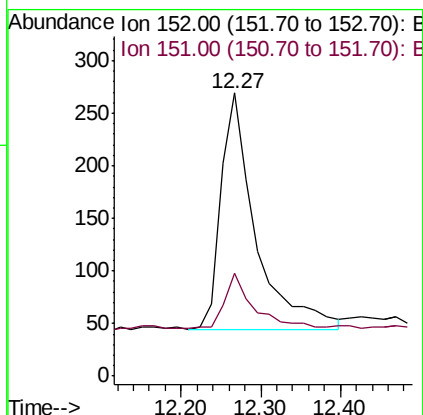
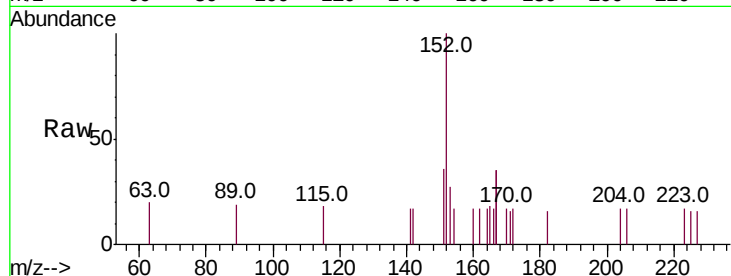




#11
 2-Methylnaphthalene-d10
 Concen: 0.198 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098505.D
 Acq: 16 Dec 2018 13:54

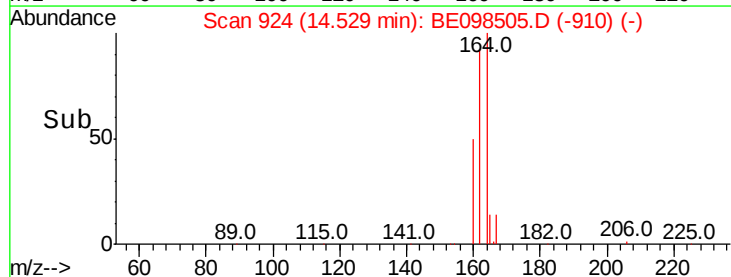
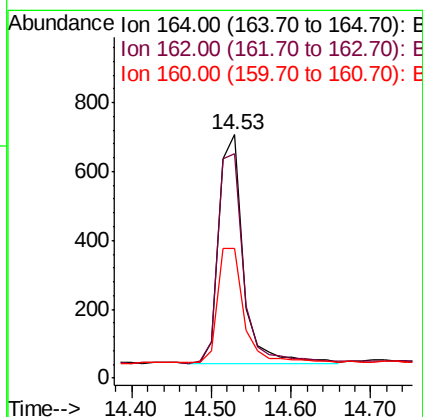
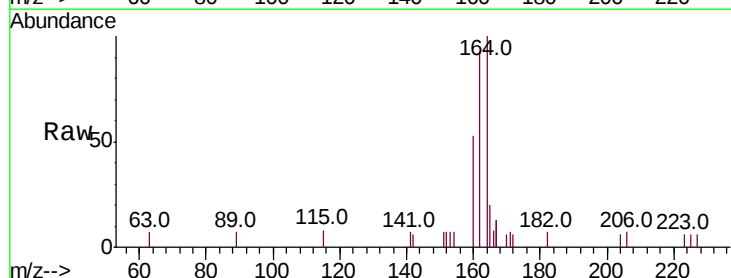
Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20181210DL

Tot Ion:152 Resp: 685
 Ion Ratio Lower Upper
 152 100
 151 18.7 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098505.D
 Acq: 16 Dec 2018 13:54

Tgt Ion:164 Resp: 1402
 Ion Ratio Lower Upper
 164 100
 162 92.2 77.6 116.4
 160 53.2 36.0 54.0

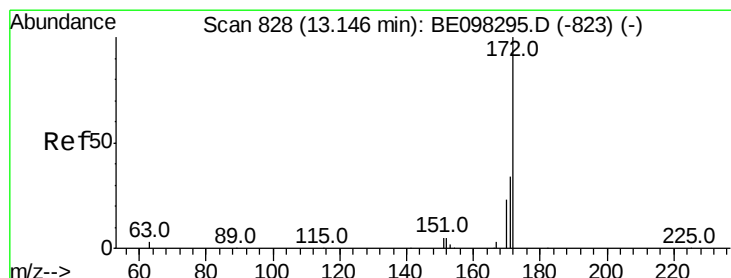
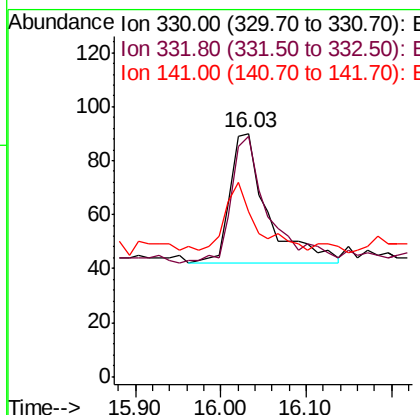
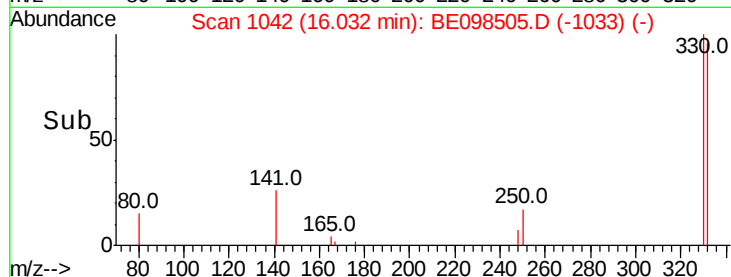
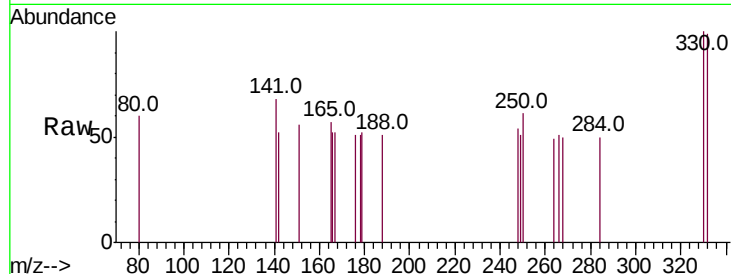




#14
 2,4,6-Tribromophenol
 Concen: 0.284 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098505.D
 Acq: 16 Dec 2018 13:54

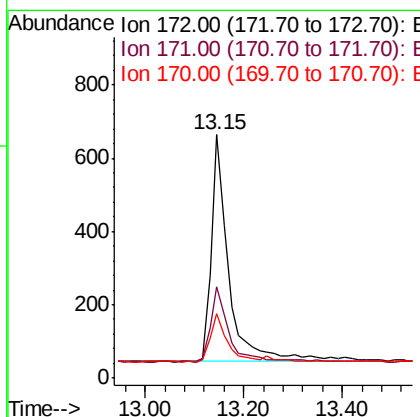
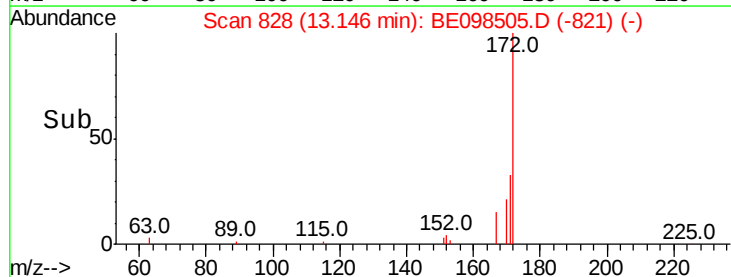
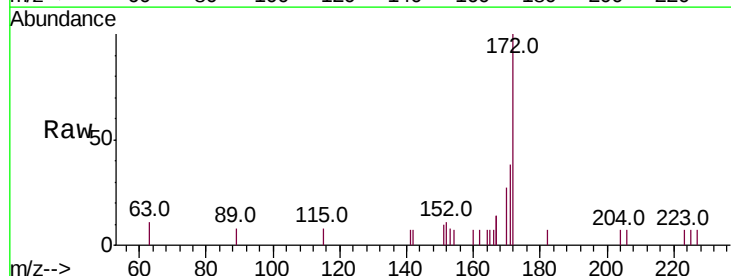
Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20181210DL

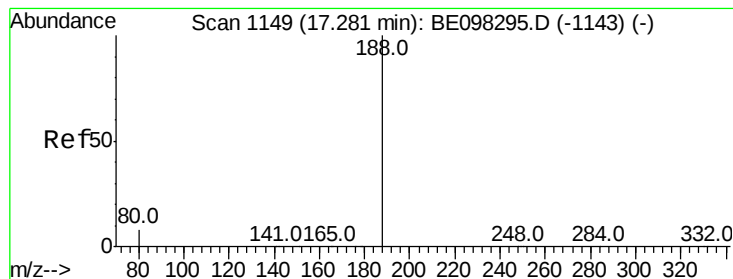
Tot Ion:330 Resp: 146
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.2 114.4
 141 40.4 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.256 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098505.D
 Acq: 16 Dec 2018 13:54

Tgt Ion:172 Resp: 1511
 Ion Ratio Lower Upper
 172 100
 171 37.7 27.5 41.3
 170 26.7 19.6 29.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098505.D

Acq: 16 Dec 2018 13:54

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210DL

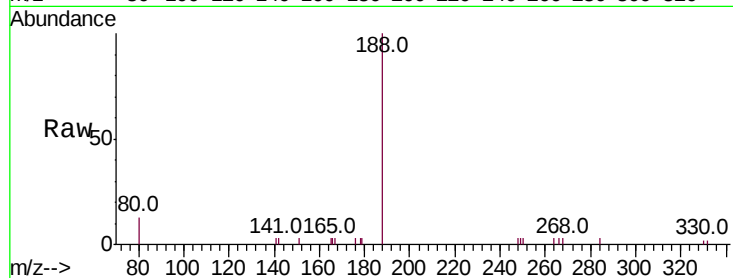
Tot Ion:188 Resp: 4182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

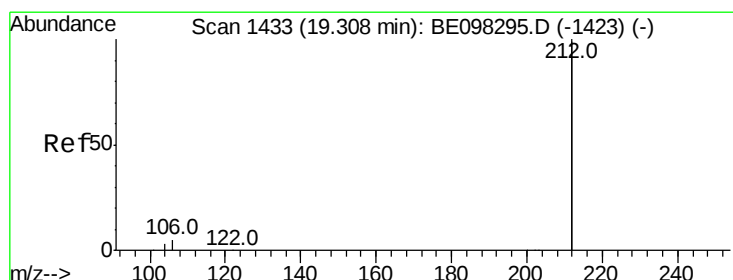
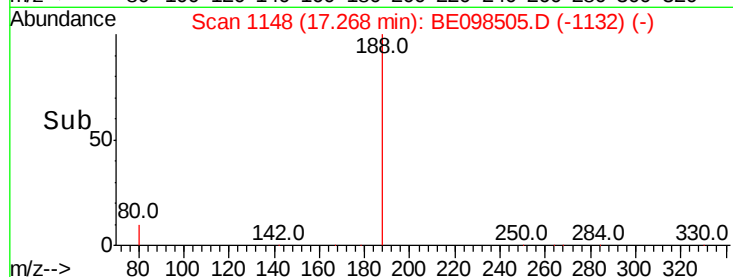
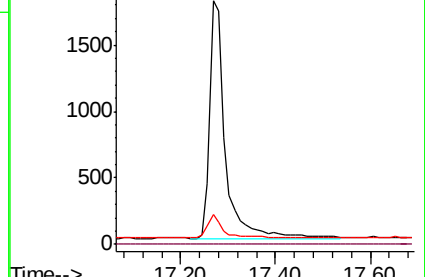
80 12.5 7.2 10.8#



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: 0.252 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098505.D

Acq: 16 Dec 2018 13:54

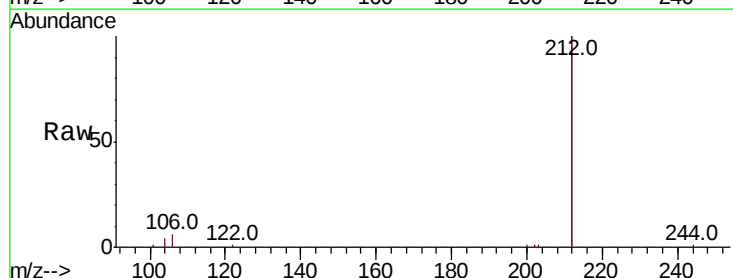
Tgt Ion:212 Resp: 13543

Ion Ratio Lower Upper

212 100

106 2.3 2.2 3.2

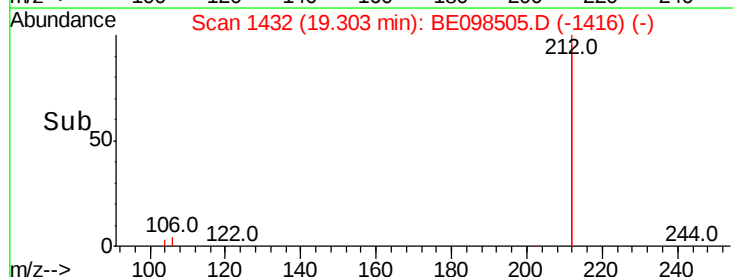
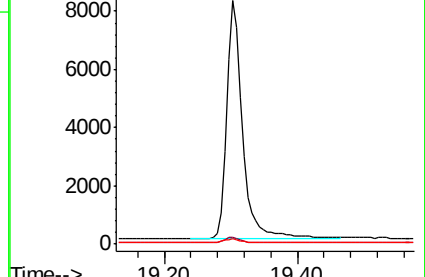
104 1.3 1.3 1.9



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: BE098505.D

Acq: 16 Dec 2018 13:54

Instrument :

BNA_E

ClientSampleId :

RE105D2-20181210DL

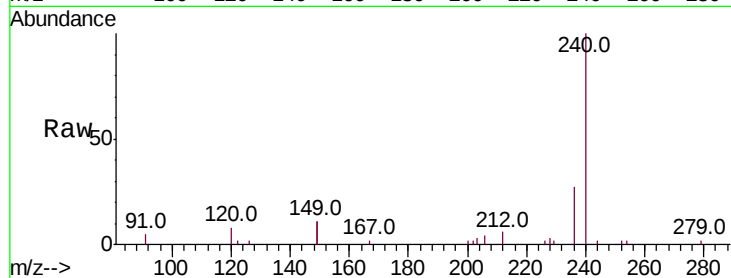
Tot Ion:240 Resp: 5824

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

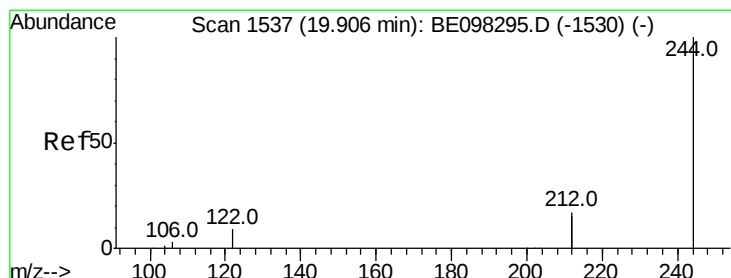
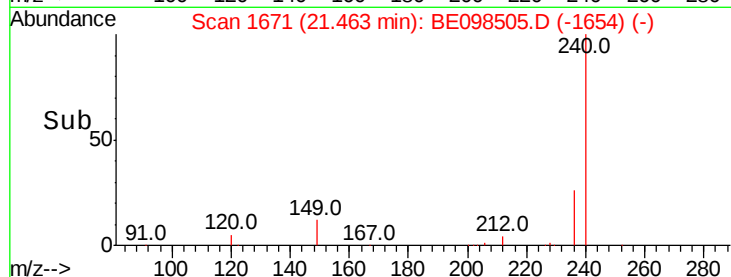
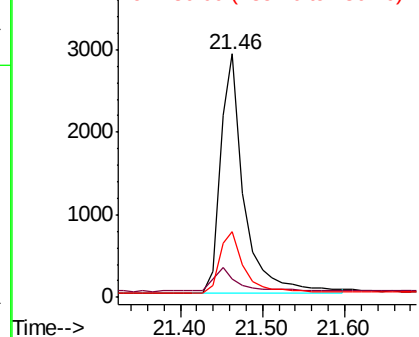
236 27.1 22.7 34.1



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



#29

Terphenyl-d14

Concen: 0.236 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098505.D

Acq: 16 Dec 2018 13:54

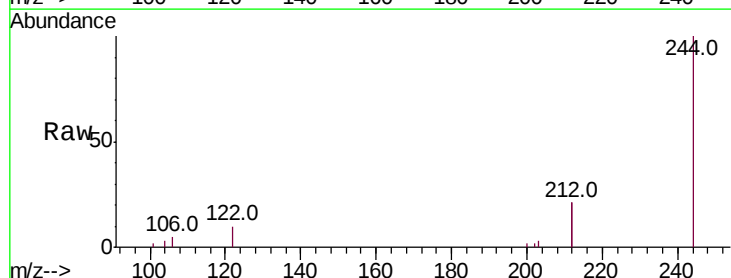
Tgt Ion:244 Resp: 3347

Ion Ratio Lower Upper

244 100

212 41.4 27.4 41.0#

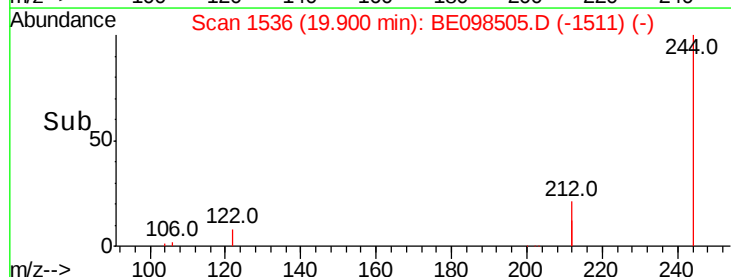
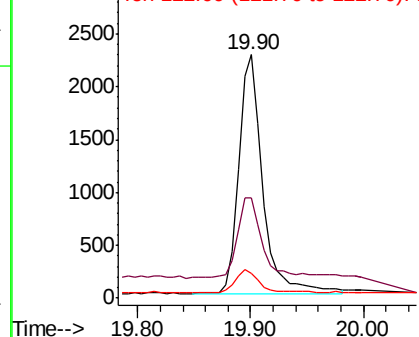
122 10.3 8.3 12.5

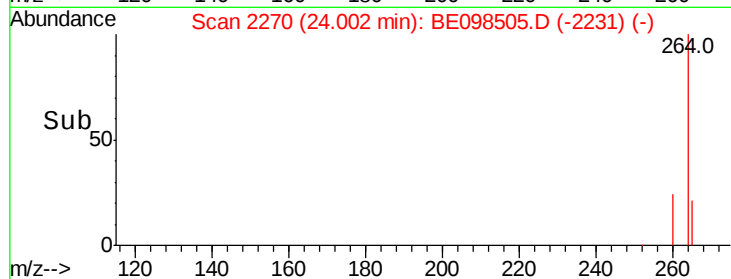
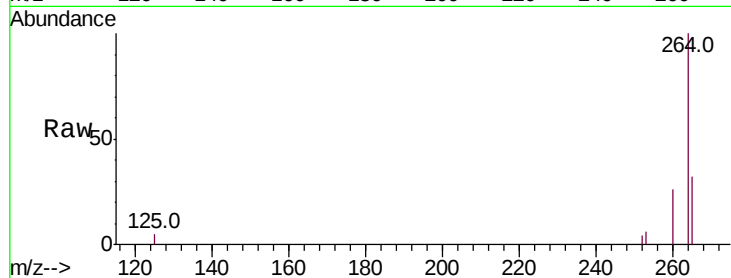


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098505.D
 Acq: 16 Dec 2018 13:54

Instrument :
 BNA_E
 ClientSampleId :
 RE105D2-20181210DL

Tot Ion:264 Resp: 5577
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 32.3 25.2 37.8

