

Data File : BE097653.D
Acq On : 25 Sep 2018 12:22
Operator : SJ/JU
Sample : J5033-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW301S-20180918

Quant Time: Sep 26 07:34:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

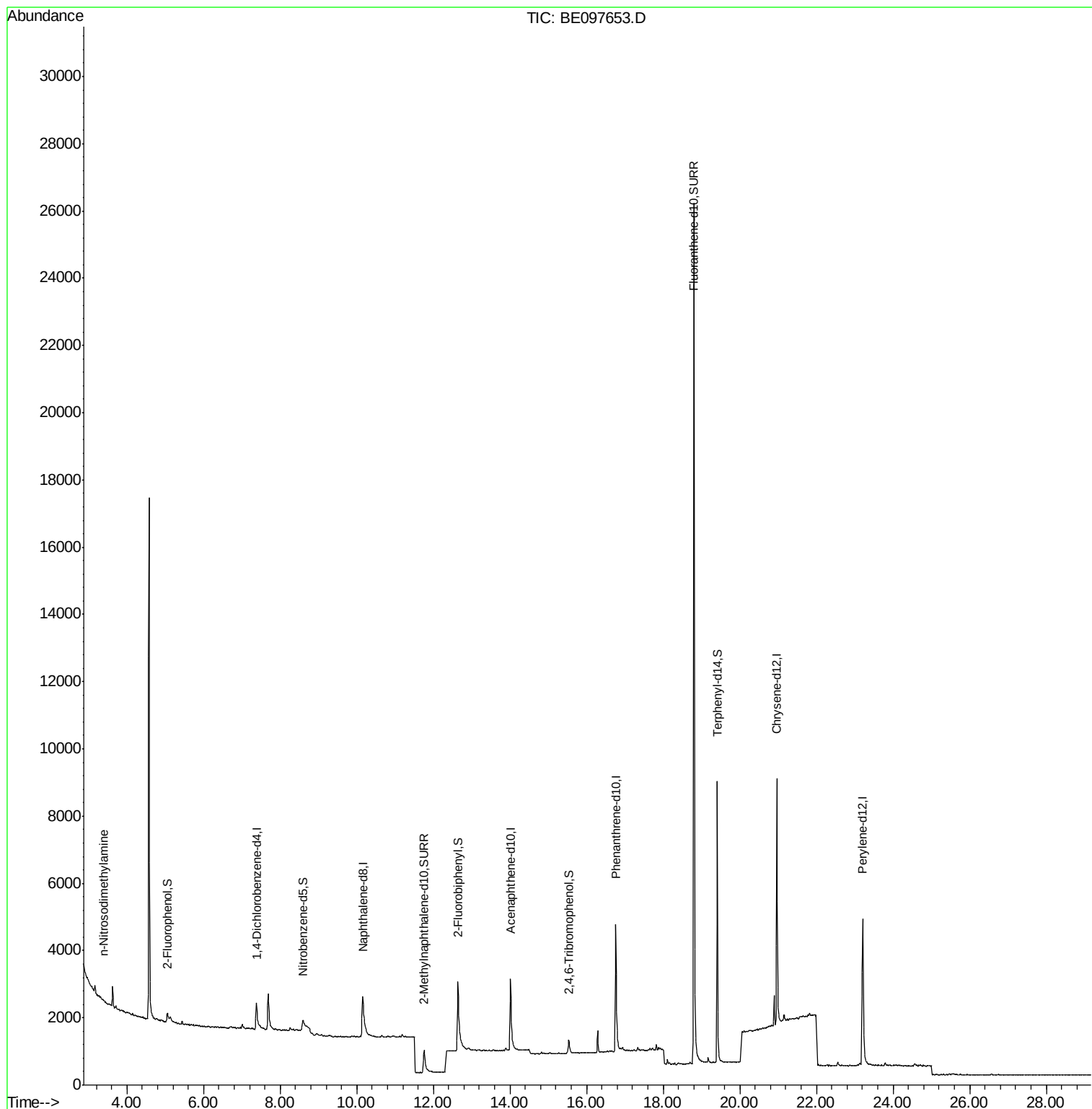
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	645	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	2985	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	2014	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	7165	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8090	0.40	ng	0.00
34) Perylene-d12	23.21	264	7590	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	339	0.20	ng	0.00
5) Phenol-d6	6.59	99	4	0.00	ng	-0.03
8) Nitrobenzene-d5	8.60	82	609	0.35	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	2110	0.48	ng	0.03
14) 2,4,6-Tribromophenol	15.53	330	352	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	3809	0.58	ng	0.01
25) Fluoranthene-d10	18.80	212	42152	0.54	ng	0.00
29) Terphenyl-d14	19.41	244	8342	0.52	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.39	42	35	0.113	ng	Qvalue # 1

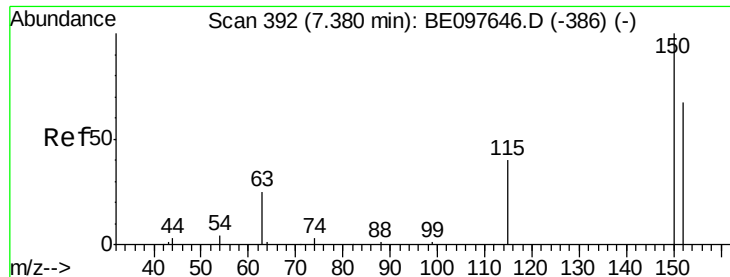
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. 0.01 min

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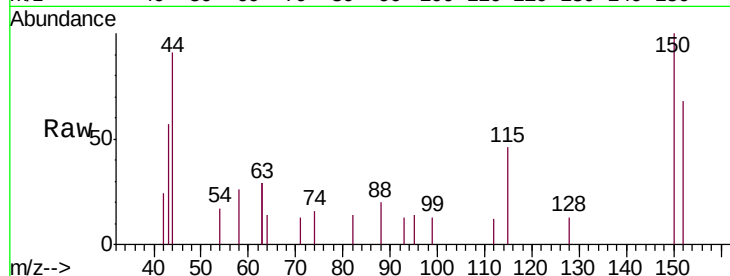
Tgt Ion: 152 Resp: 645

Ion Ratio Lower Upper

152 100

150 147.7 117.2 175.8

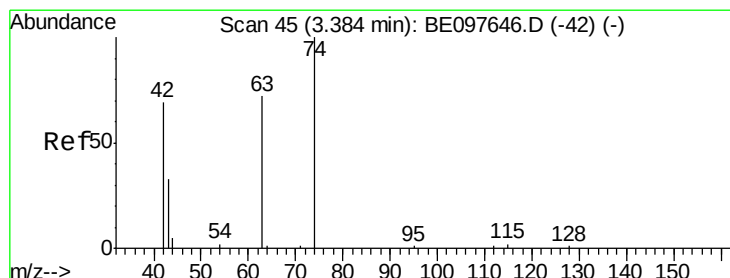
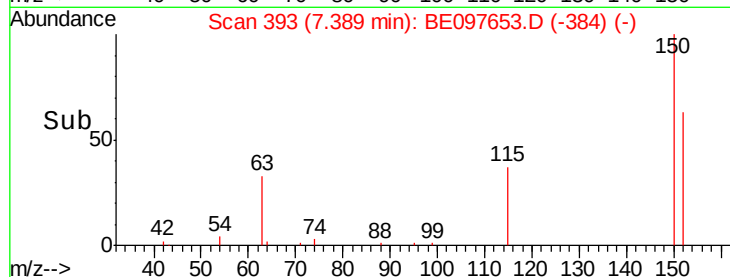
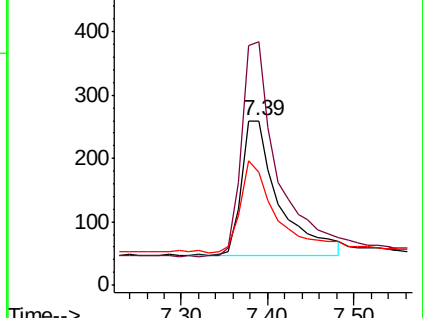
115 68.5 57.0 85.6



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



#3

n-Nitrosodimethylamine

Concen: 0.113 ng

RT: 3.39 min Scan# 46

Delta R.T. 0.01 min

Lab File: BE097653.D

Acq: 25 Sep 2018 12:22

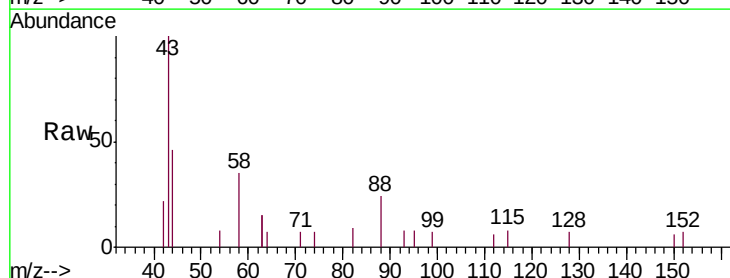
Tgt Ion: 42 Resp: 35

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

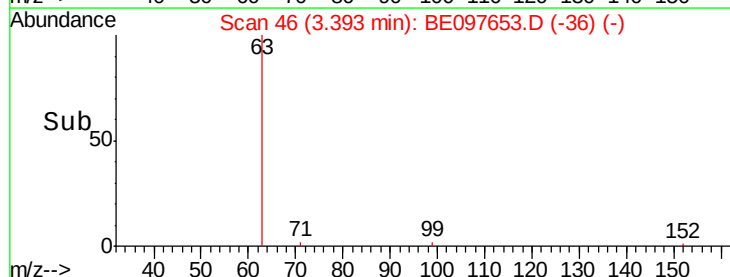
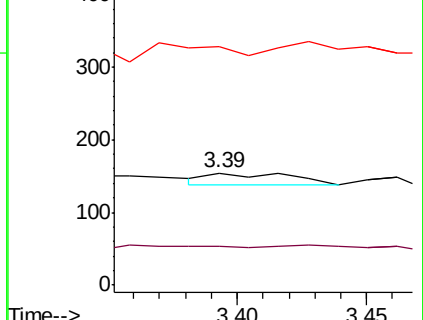
44 0.0 12.0 18.0#

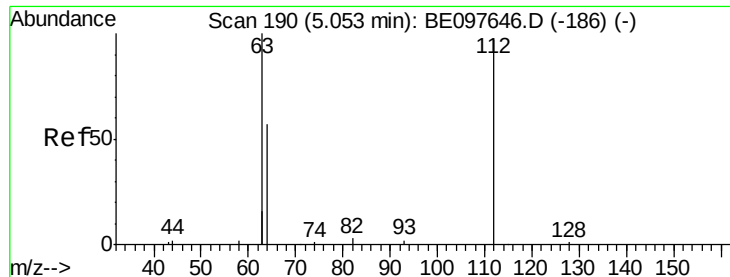


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.200 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097653.D

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Instrument :

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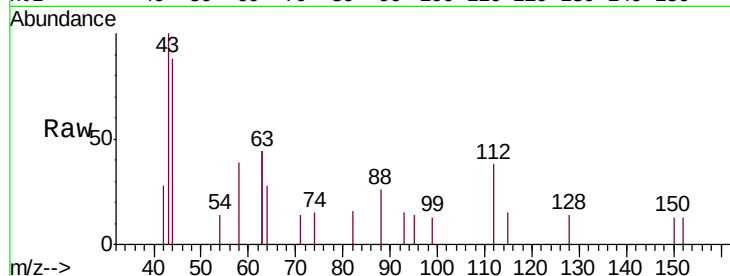
Tgt Ion: 112 Resp: 339

Ion Ratio Lower Upper

112 100

64 67.0 60.1 90.1

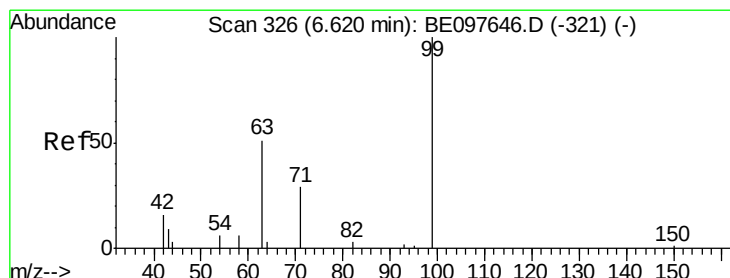
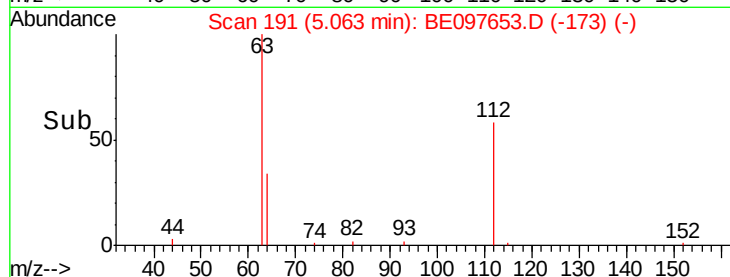
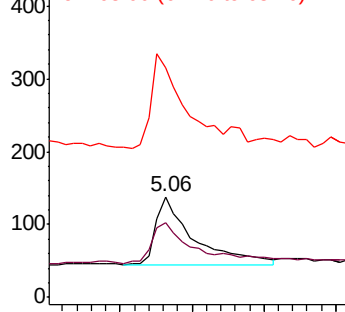
63 138.3 116.8 175.2



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: 0.002 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.03 min

Lab File: BE097653.D

Acq: 25 Sep 2018 12:22

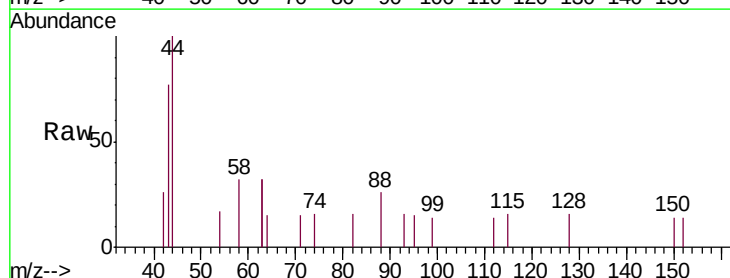
Tgt Ion: 99 Resp: 4

Ion Ratio Lower Upper

99 100

42 250.0 20.2 30.2#

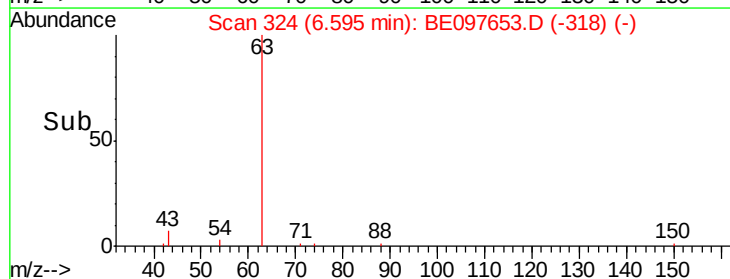
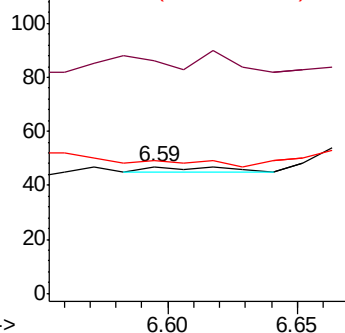
71 0.0 28.4 42.6#

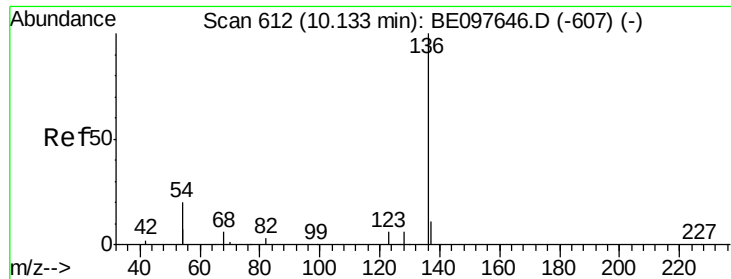


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097653.D

Acq: 25 Sep 2018 12:22

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW301S-20180918

Tgt Ion: 136 Resp: 2985

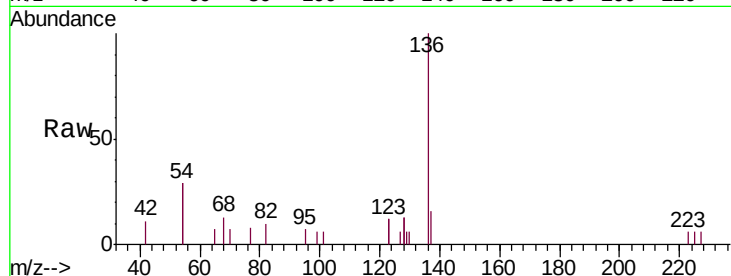
Ion Ratio Lower Upper

136 100

137 15.9 9.5 14.3#

54 57.3 29.1 43.7#

68 13.0 6.2 9.2#



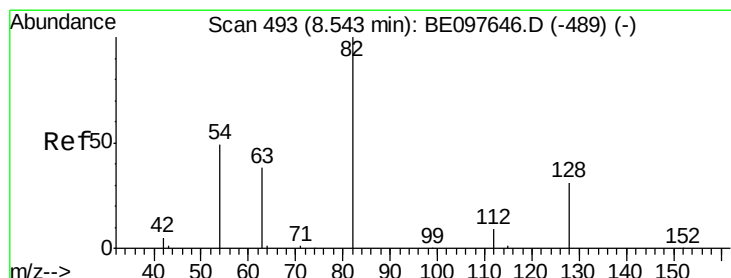
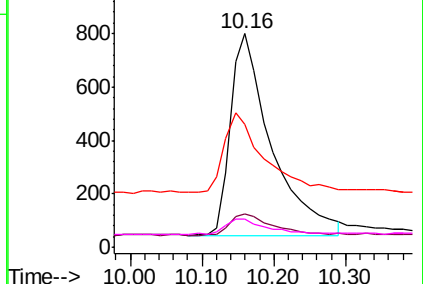
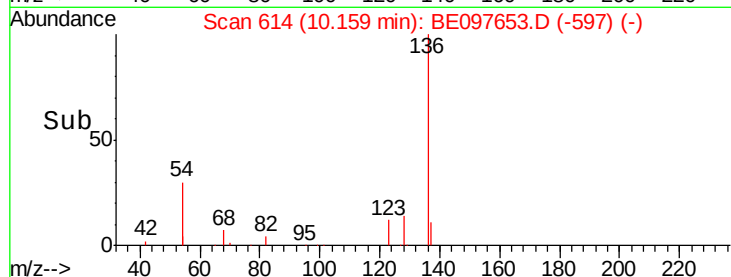
Abundance

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: 0.345 ng

RT: 8.60 min Scan# 498

Delta R.T. 0.06 min

Lab File: BE097653.D

Acq: 25 Sep 2018 12:22

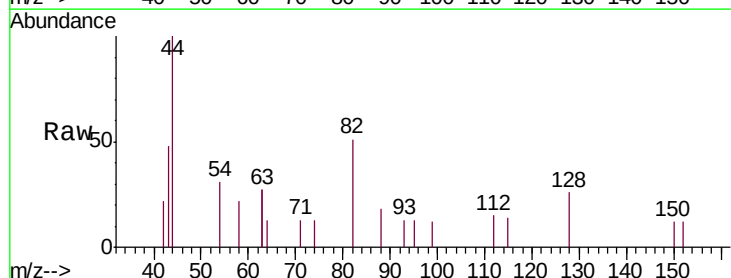
Tgt Ion: 82 Resp: 609

Ion Ratio Lower Upper

82 100

128 51.6 24.0 36.0#

54 60.4 40.0 60.0#

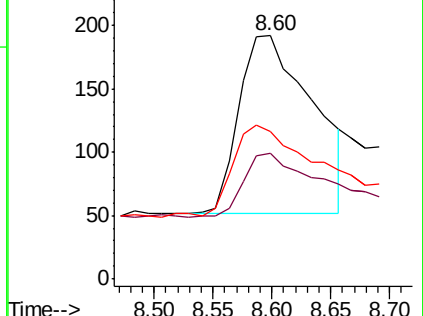
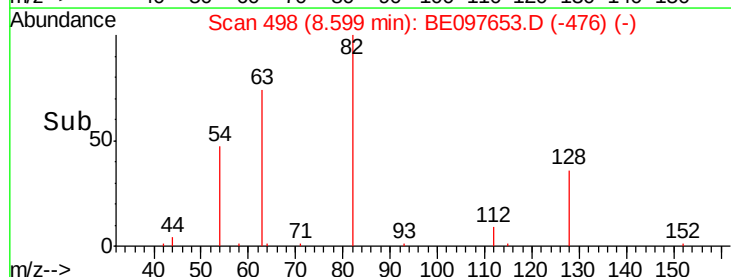


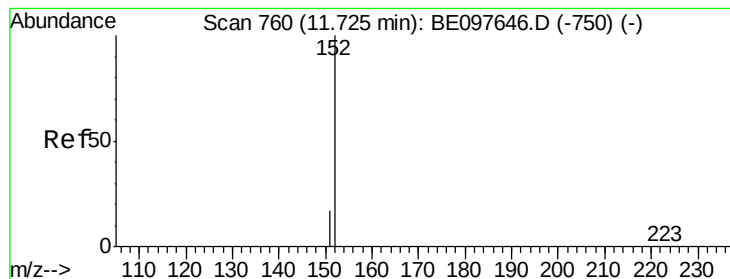
Abundance

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: 0.477 ng

RT: 11.76 min Scan# 767

Delta R.T. 0.03 min

Lab File: BE097653.D

Acq: 25 Sep 2018 12:22

Instrument :

BNA_E

ClientSampleId :

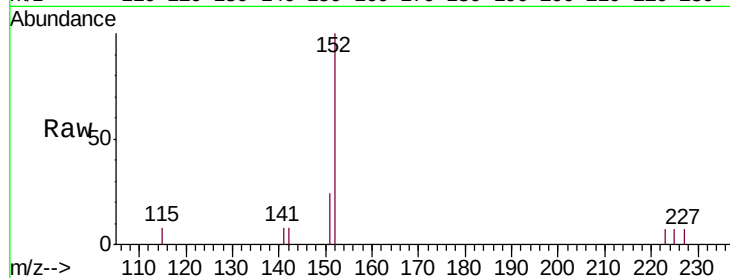
BPSI-TT-MW301S-20180918

Tgt Ion:152 Resp: 2110

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.76

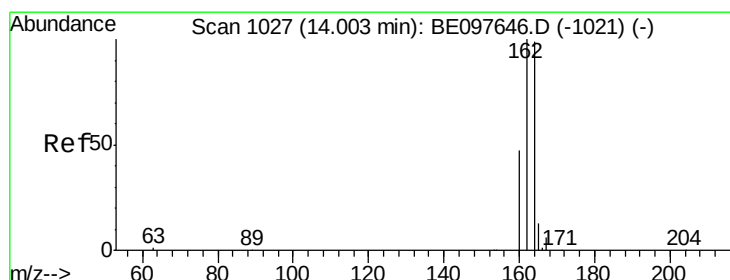
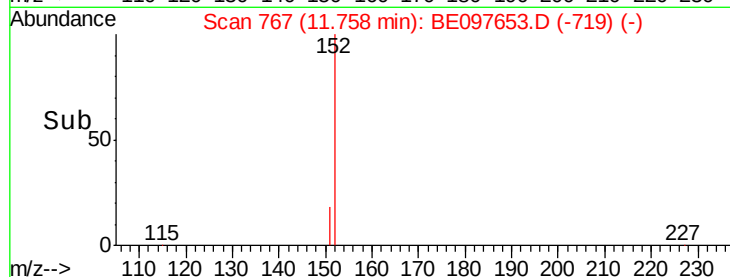
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE097653.D

Acq: 25 Sep 2018 12:22

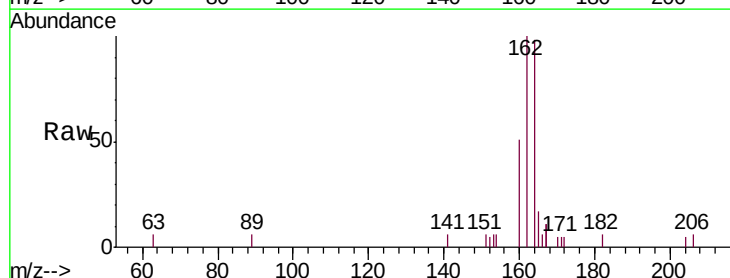
Tgt Ion:164 Resp: 2014

Ion Ratio Lower Upper

164 100

162 101.9 83.1 124.7

160 52.4 37.1 55.7



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

14.01

1200

1000

800

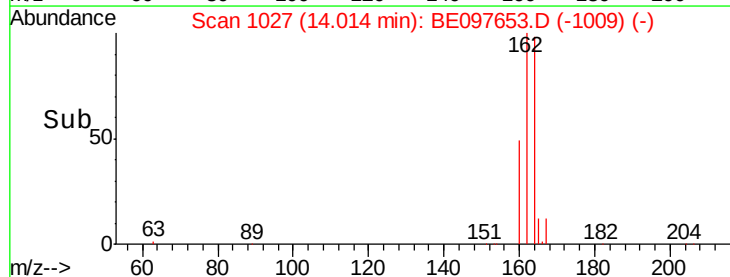
600

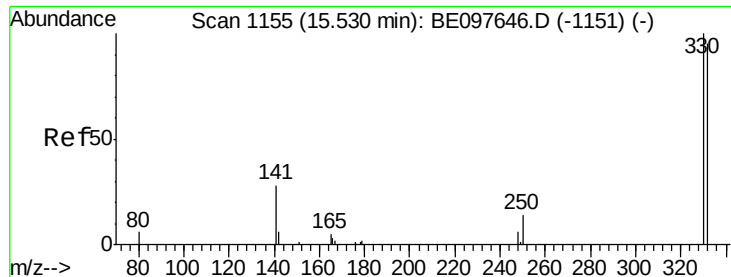
400

200

0

Time-->

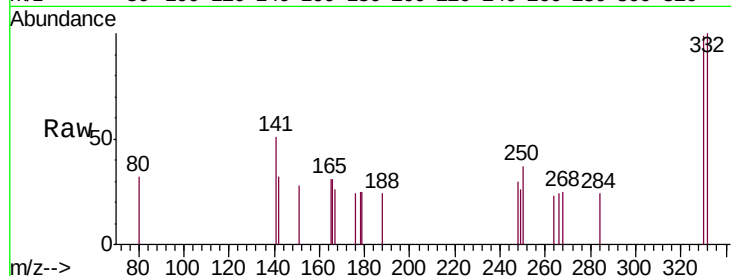




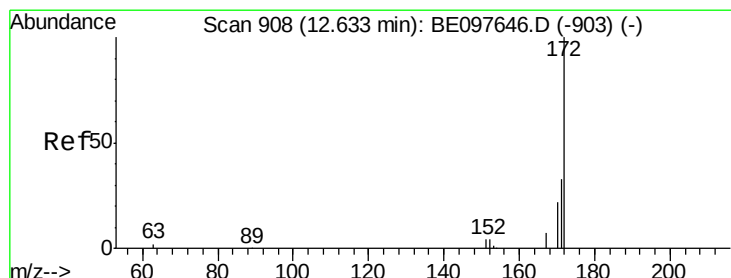
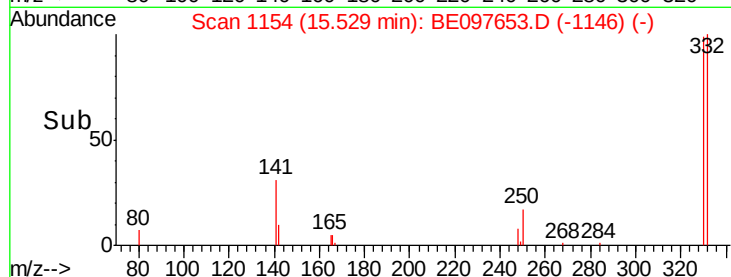
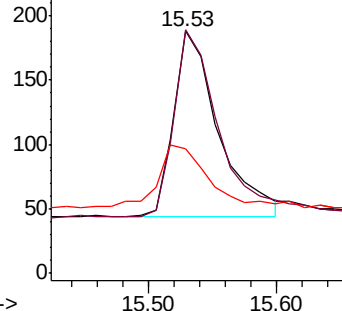
#14
 2,4,6-Tribromophenol
 Concen: 0.430 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097653.D
 Acq: 25 Sep 2018 12:22

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW301S-20180918

Tgt Ion:330 Resp: 352
 Ion Ratio Lower Upper
 330 100
 332 99.4 152.7 229.1#
 141 35.2 33.7 50.5

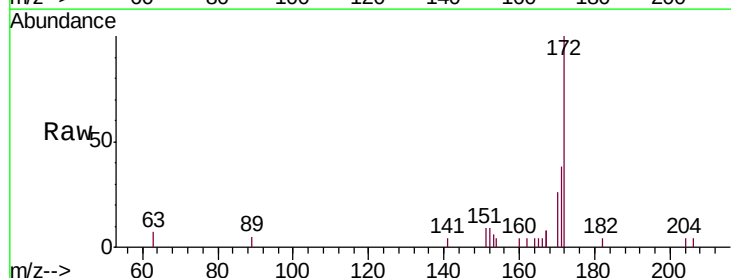


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

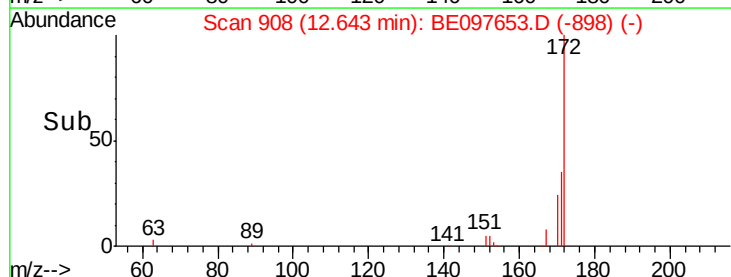
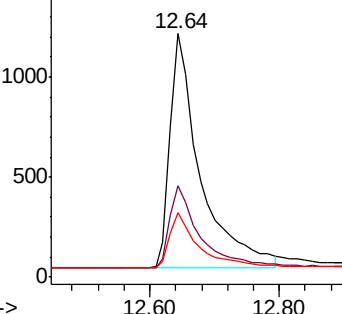


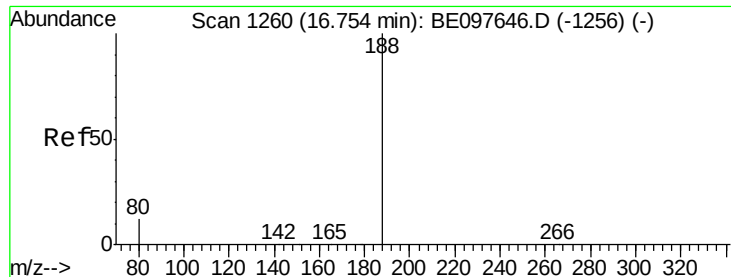
#15
 2-Fluorobiphenyl
 Concen: 0.580 ng
 RT: 12.64 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BE097653.D
 Acq: 25 Sep 2018 12:22

Tgt Ion:172 Resp: 3809
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.9 44.9
 170 26.5 21.8 32.8



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

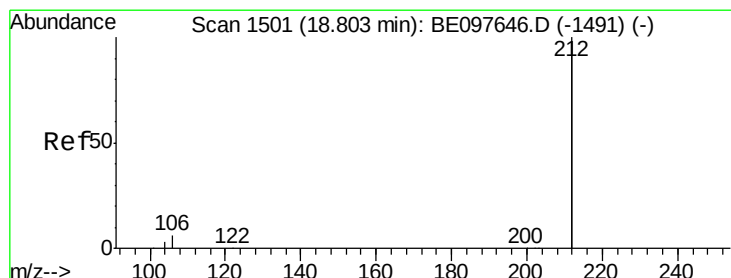
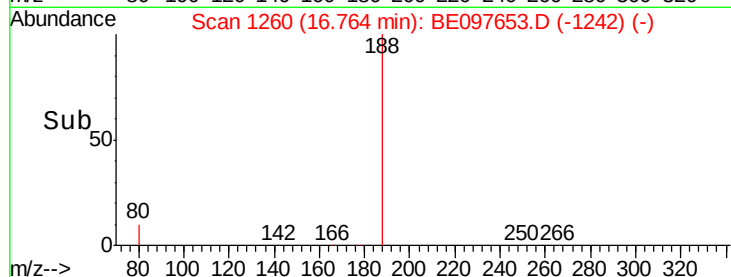
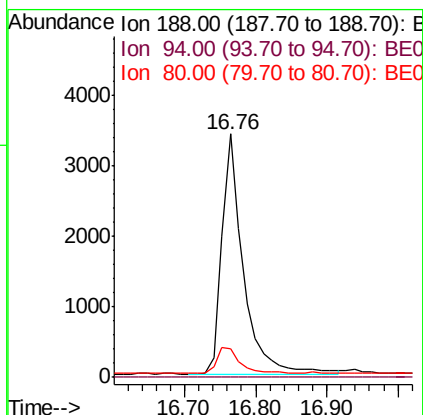
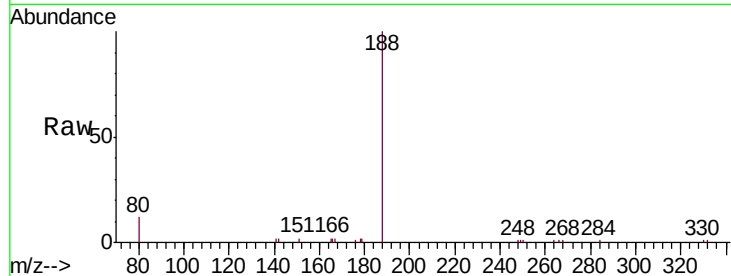




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.76 min Scan# 1260
Delta R.T. 0.01 min
Lab File: BE097653.D
Acq: 25 Sep 2018 12:22

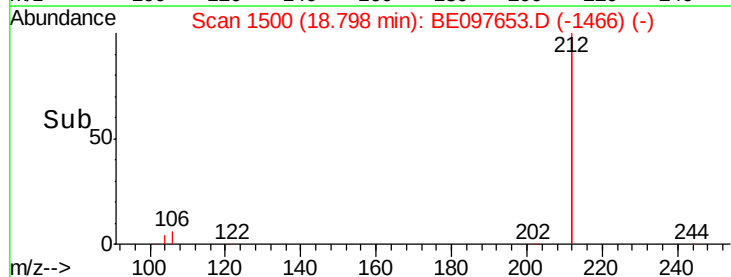
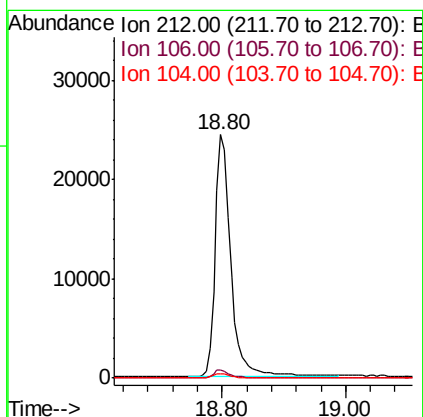
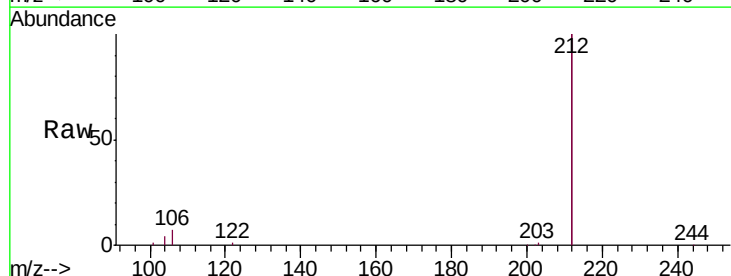
Instrument :
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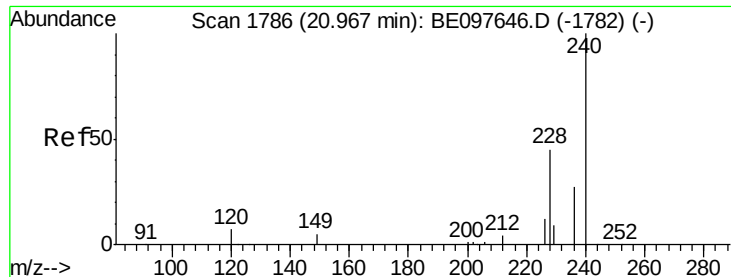
Tgt Ion:188 Resp: 7165
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.8 3.6 5.4#



#25
Fluoranthene-d10
Concen: 0.540 ng
RT: 18.80 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BE097653.D
Acq: 25 Sep 2018 12:22

Tgt Ion:212 Resp: 42152
Ion Ratio Lower Upper
212 100
106 3.2 2.8 4.2
104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097653.D

Acq: 25 Sep 2018 12:22

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW301S-20180918

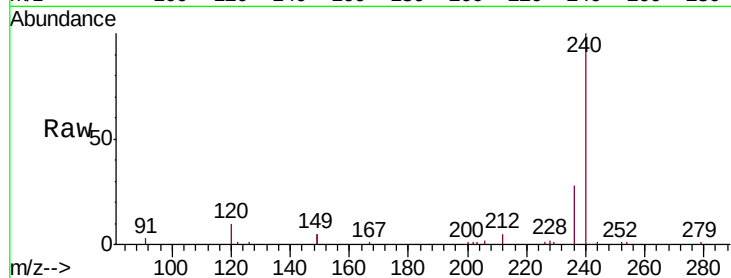
Tgt Ion:240 Resp: 8090

Ion Ratio Lower Upper

240 100

120 9.5 5.5 8.3#

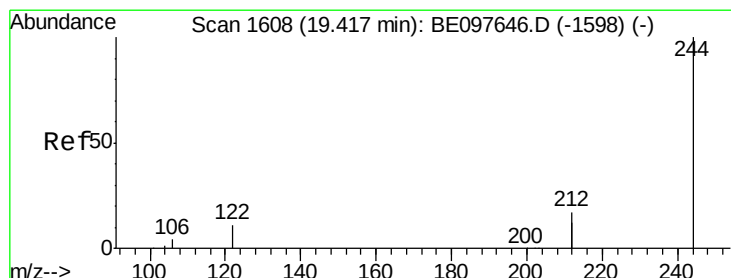
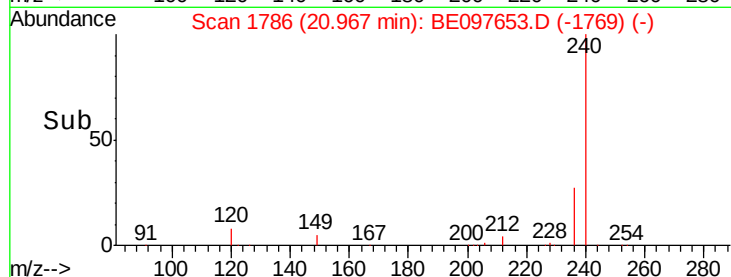
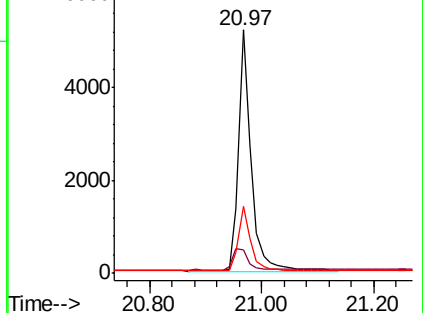
236 27.7 20.7 31.1



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: 0.524 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BE097653.D

Acq: 25 Sep 2018 12:22

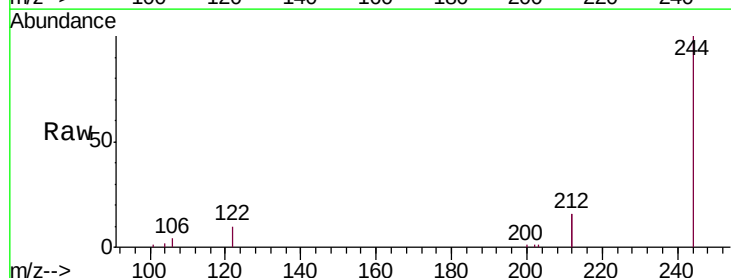
Tgt Ion:244 Resp: 8342

Ion Ratio Lower Upper

244 100

212 31.1 25.4 38.0

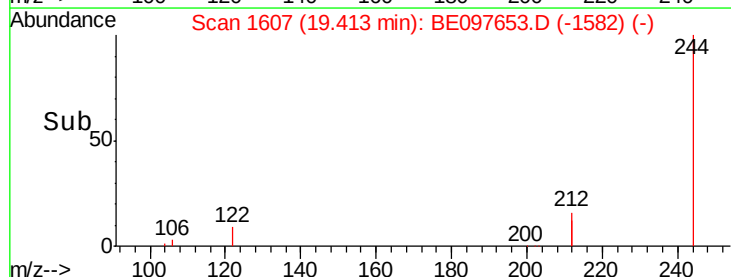
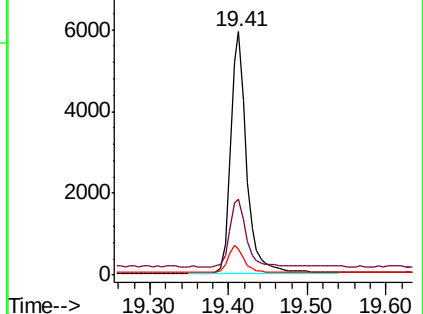
122 10.4 8.1 12.1

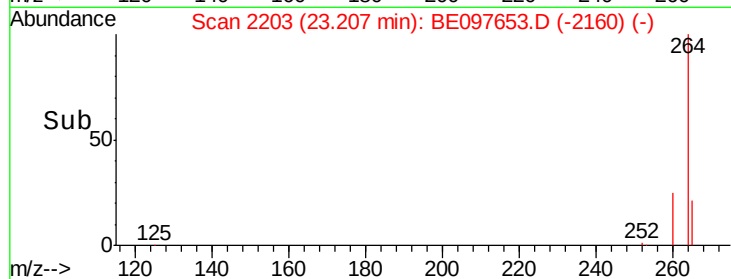
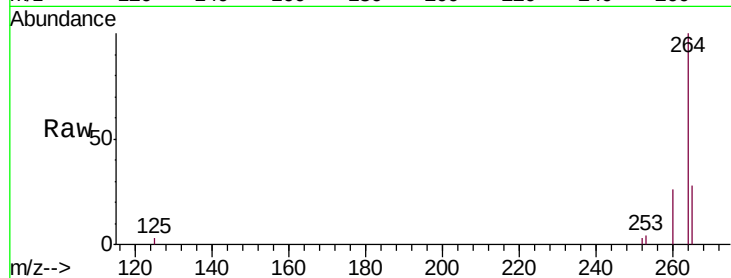
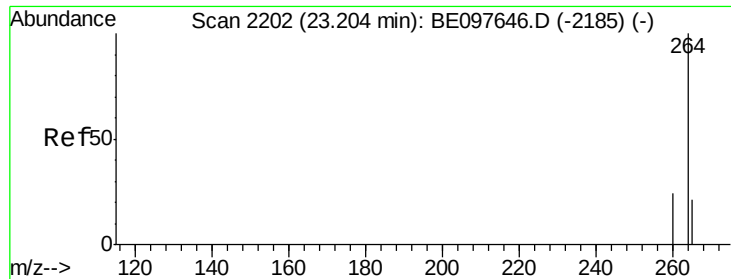


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BE097653.D

Acq: 25 Sep 2018 12:22

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW301S-20180918

Tgt Ion:264 Resp: 7590

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

265 27.9 22.8 34.2

