

Data File : BE097663.D
Acq On : 25 Sep 2018 18:29
Operator : SJ/JU
Sample : J5033-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919

Quant Time: Sep 26 07:35:58 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	647	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	2950	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	2021	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	6892	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8733	0.40	ng	0.00
34) Perylene-d12	23.20	264	8242	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	328	0.19	ng	0.00
5) Phenol-d6	6.56	99	7	0.00	ng	-0.06
8) Nitrobenzene-d5	8.61	82	521	0.31	ng	0.07
11) 2-Methylnaphthalene-d10	11.77	152	1943	0.44	ng	0.04
14) 2,4,6-Tribromophenol	15.54	330	387	0.46	ng	0.01
15) 2-Fluorobiphenyl	12.66	172	3942	0.60	ng	0.02
25) Fluoranthene-d10	18.80	212	41504	0.55	ng	0.00
29) Terphenyl-d14	19.41	244	8428	0.49	ng	0.00

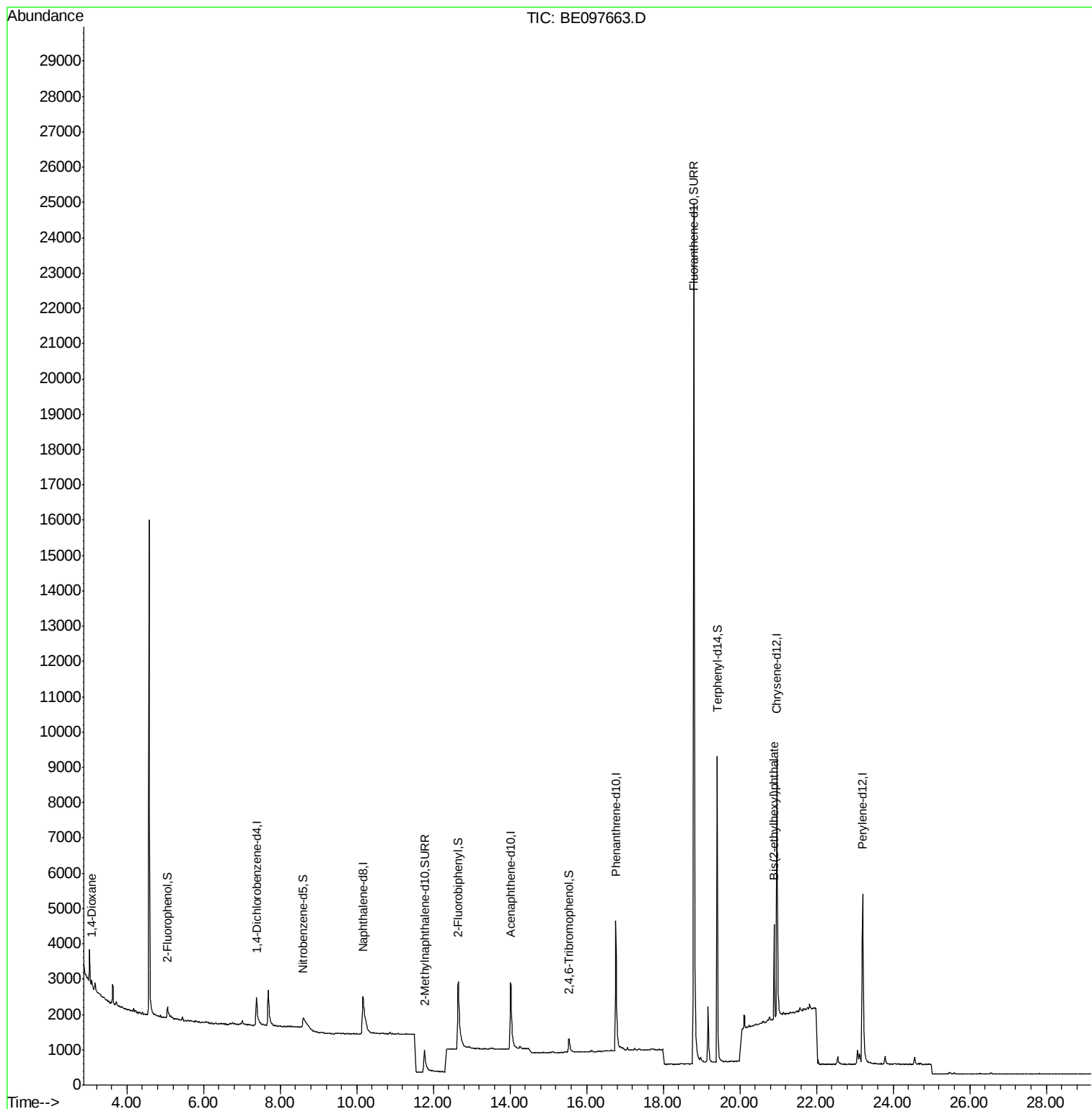
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	199	0.157	ng	# 70
32) Bis(2-ethylhexyl)phthalate	20.89	149	3017	0.128	ng	# 99

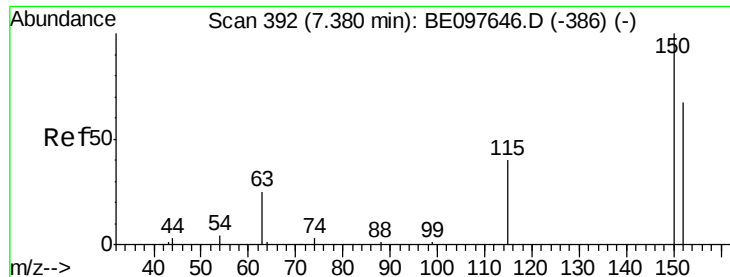
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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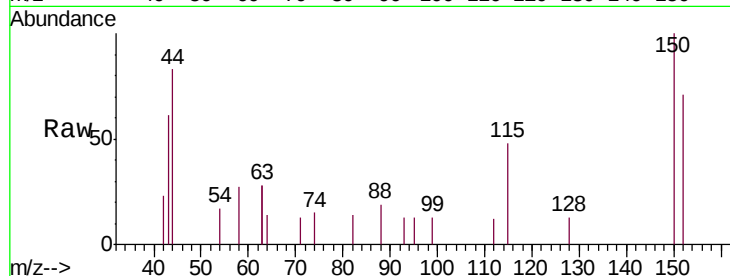


#1

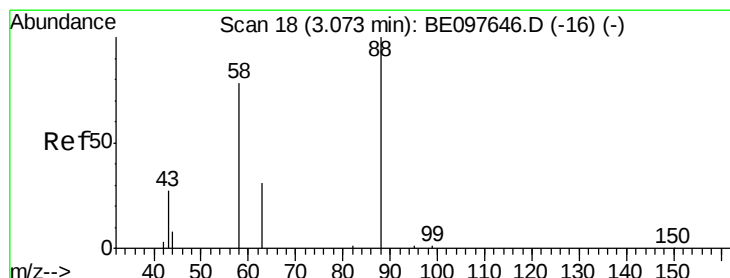
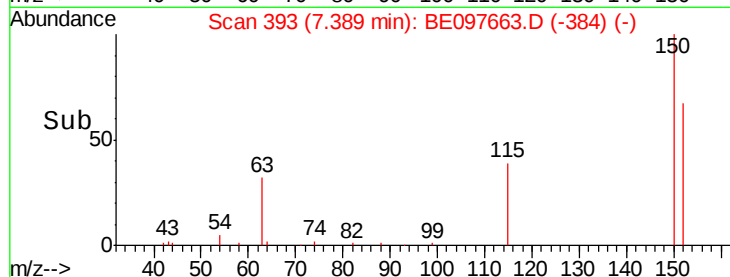
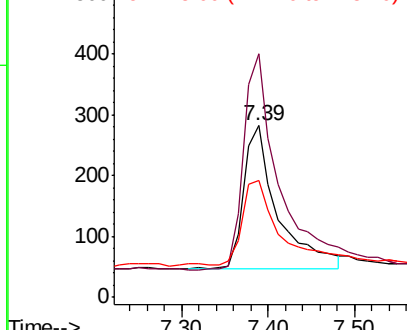
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919

Tgt Ion:152 Resp: 647
Ion Ratio Lower Upper
152 100
150 141.8 117.2 175.8
115 67.7 57.0 85.6



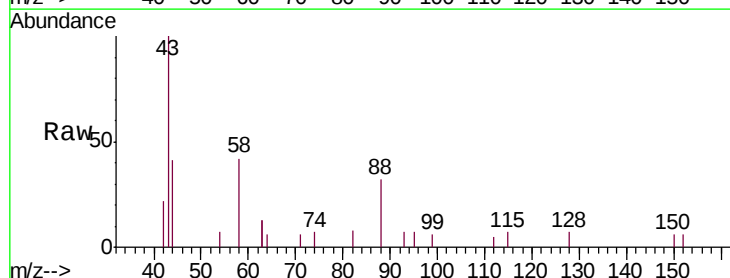
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



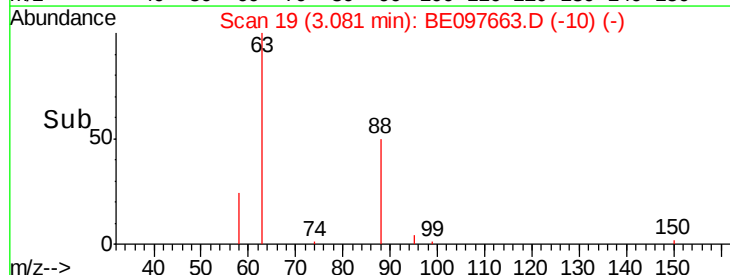
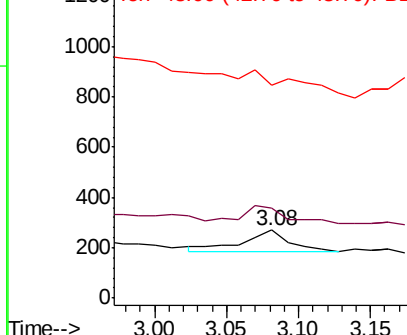
#2

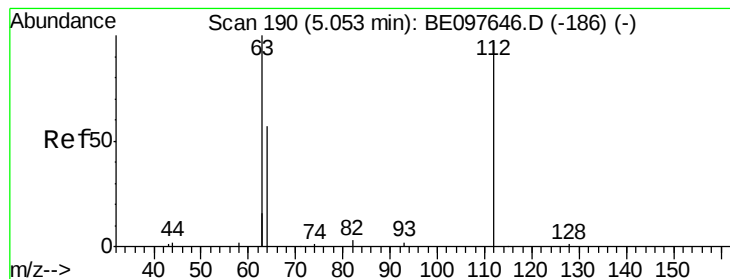
1,4-Dioxane
Concen: 0.157 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097663.D
Acq: 25 Sep 2018 18:29

Tgt Ion: 88 Resp: 199
Ion Ratio Lower Upper
88 100
58 77.4 63.2 94.8
43 0.0 41.2 61.8#



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: 0.193 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097663.D

Acq: 25 Sep 2018 18:29

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919

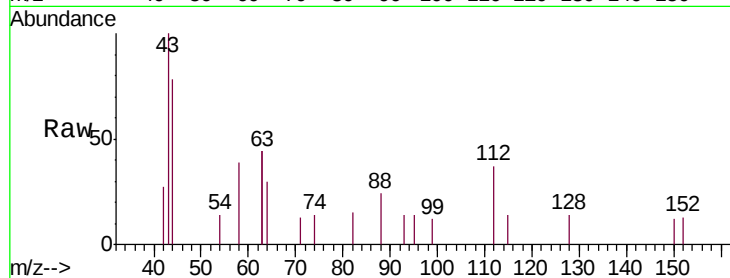
Tgt Ion: 112 Resp: 328

Ion Ratio Lower Upper

112 100

64 70.7 60.1 90.1

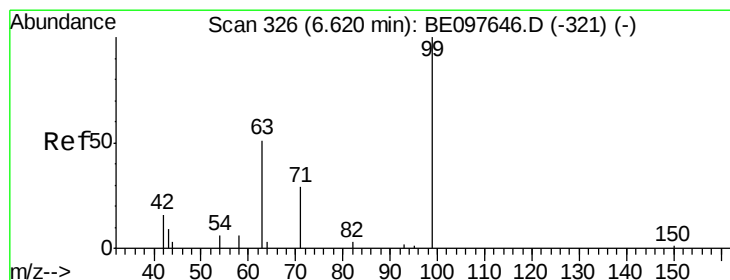
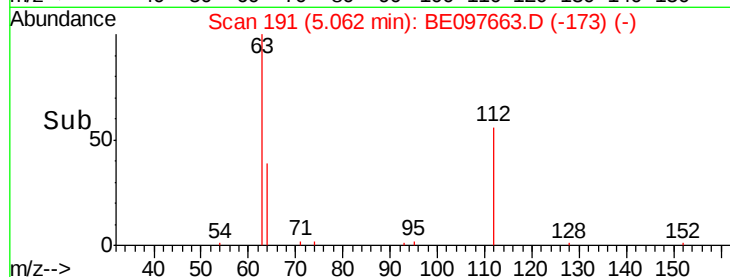
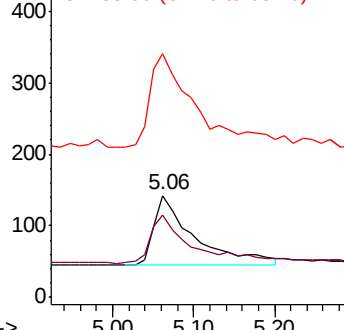
63 154.3 116.8 175.2



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: 0.003 ng

RT: 6.56 min Scan# 321

Delta R.T. -0.06 min

Lab File: BE097663.D

Acq: 25 Sep 2018 18:29

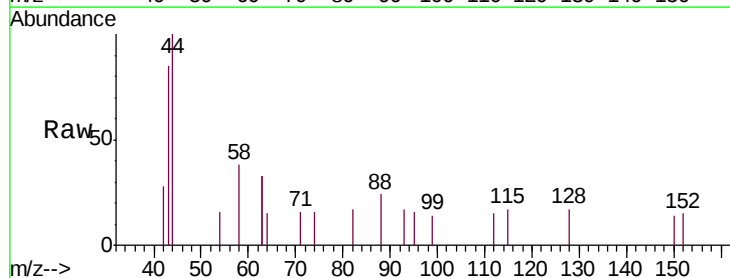
Tgt Ion: 99 Resp: 7

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

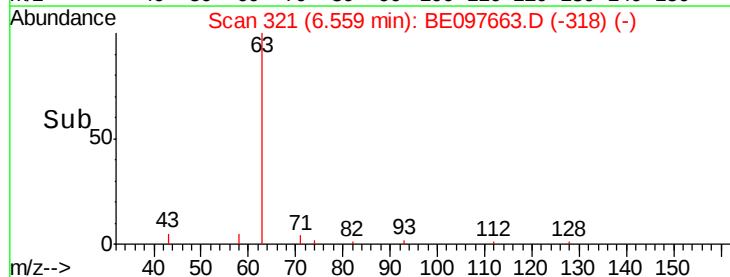
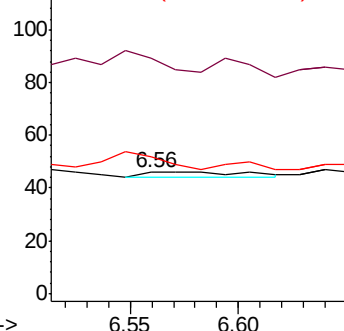
71 0.0 28.4 42.6#

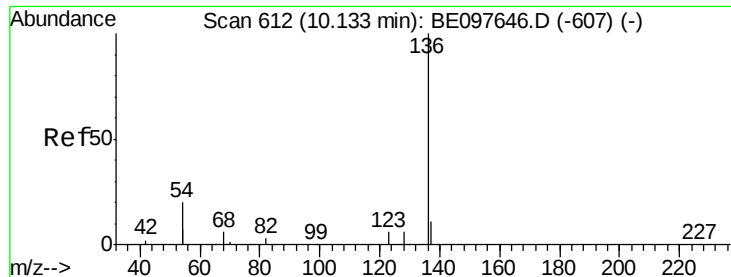


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097663.D

Acq: 25 Sep 2018 18:29

Instrument :

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BPSI-TT-MW311I-20180919

Tgt Ion: 136 Resp: 2950

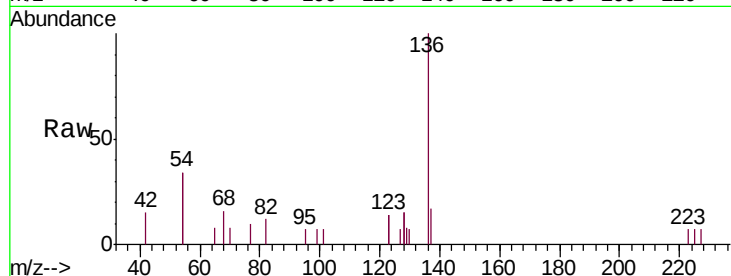
Ion Ratio Lower Upper

136 100

137 17.1 9.5 14.3#

54 68.5 29.1 43.7#

68 16.2 6.2 9.2#

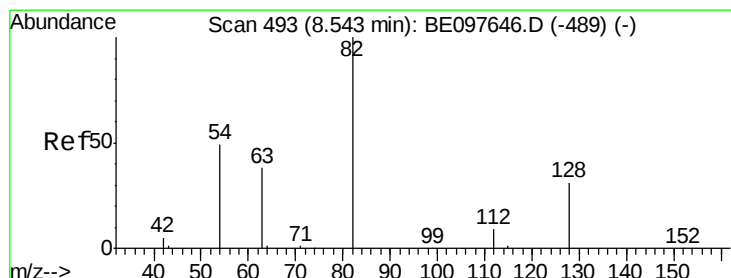
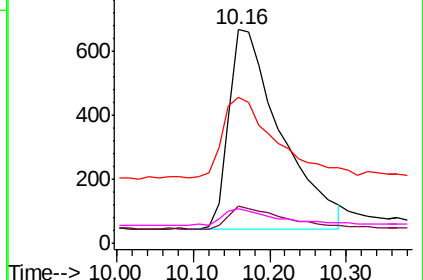
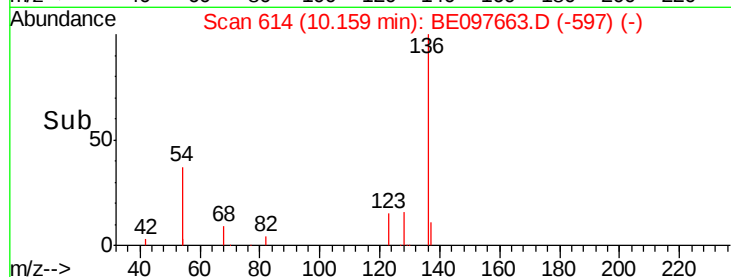


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.307 ng

RT: 8.61 min Scan# 499

Delta R.T. 0.07 min

Lab File: BE097663.D

Acq: 25 Sep 2018 18:29

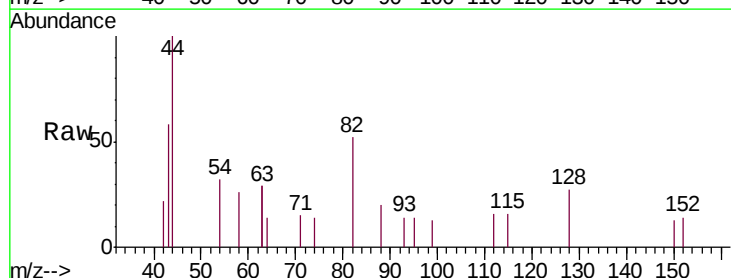
Tgt Ion: 82 Resp: 521

Ion Ratio Lower Upper

82 100

128 52.2 24.0 36.0#

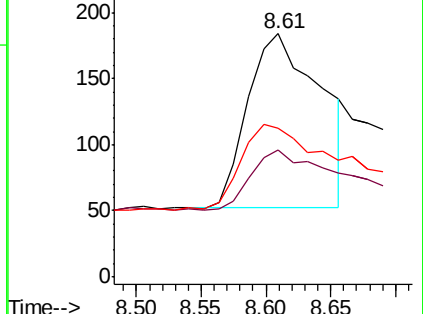
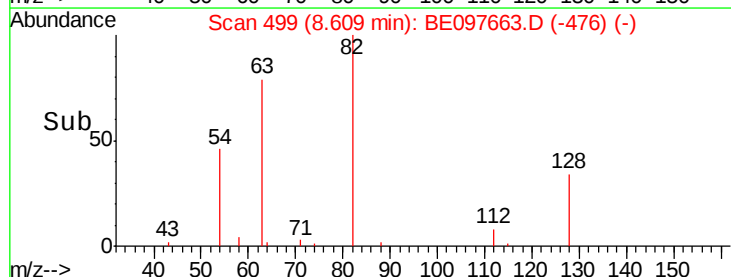
54 60.9 40.0 60.0#

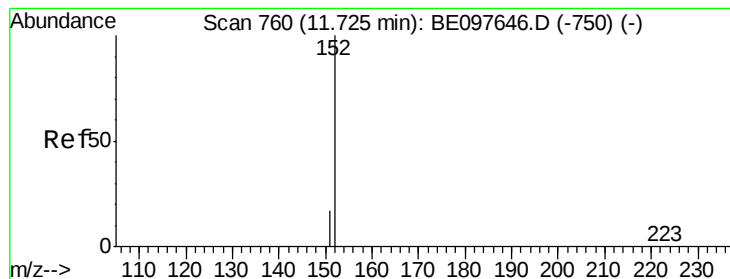


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.445 ng

RT: 11.77 min Scan# 769

Delta R.T. 0.04 min

Lab File: BE097663.D

Acq: 25 Sep 2018 18:29

Instrument :

BNA_E

ClientSampleId :

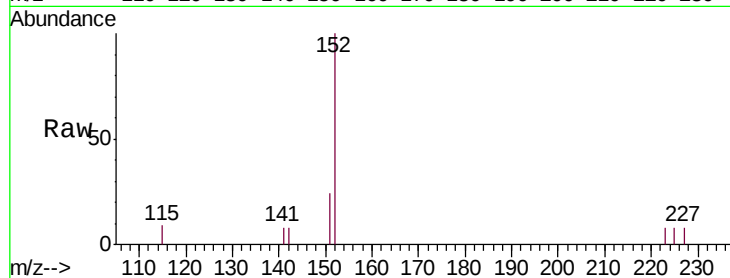
BPSI-TT-MW311I-20180919

Tgt Ion:152 Resp: 1943

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

11.77

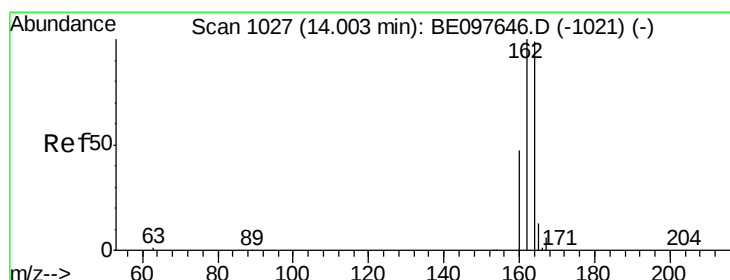
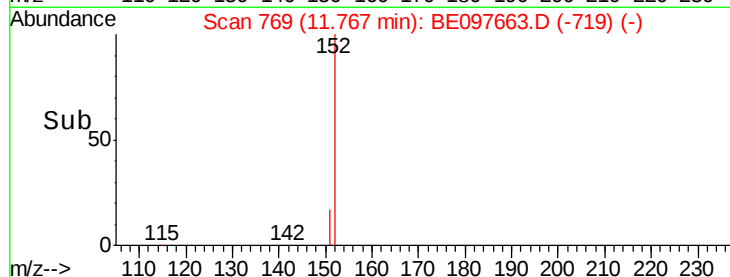
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097663.D

Acq: 25 Sep 2018 18:29

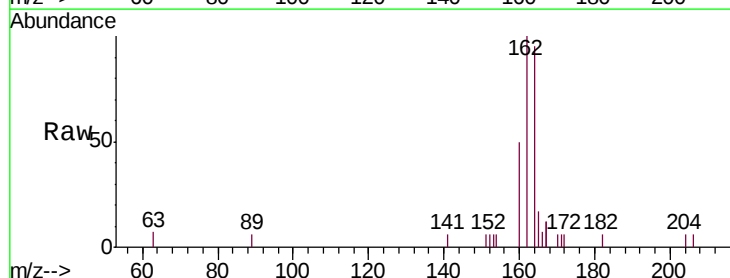
Tgt Ion:164 Resp: 2021

Ion Ratio Lower Upper

164 100

162 105.8 83.1 124.7

160 52.6 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

1000

800

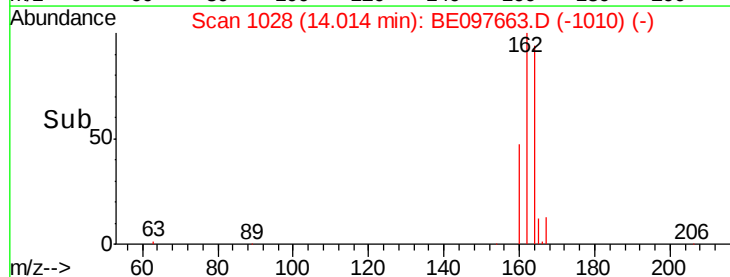
600

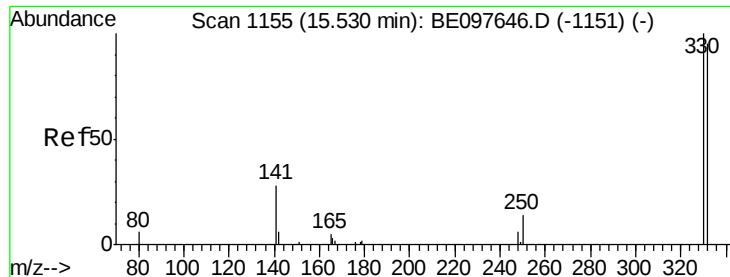
400

200

0

Time-->

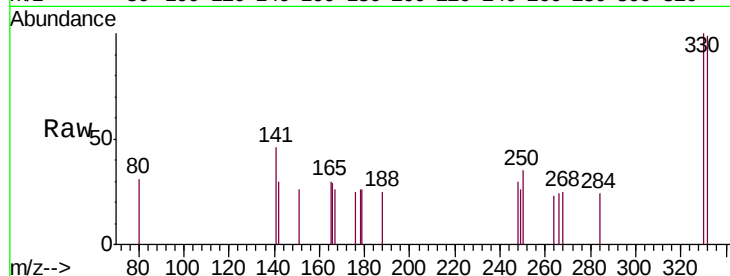




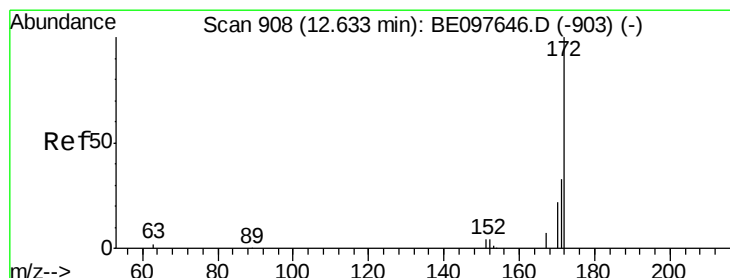
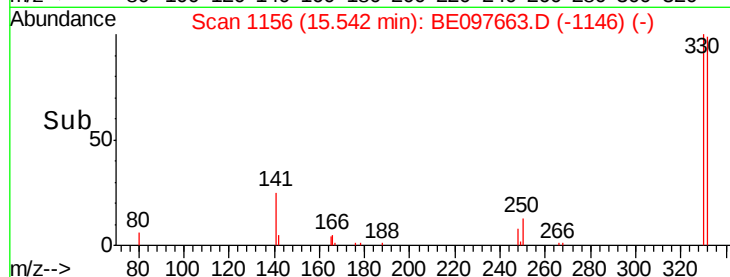
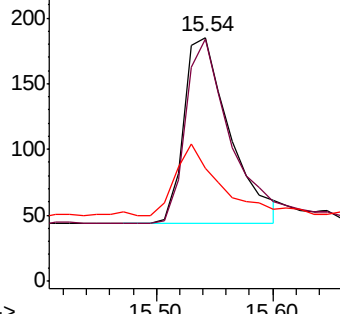
#14
 2,4,6-Tribromophenol
 Concen: 0.464 ng
 RT: 15.54 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BE097663.D
 Acq: 25 Sep 2018 18:29

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW311I-20180919

Tgt Ion: 330 Resp: 387
 Ion Ratio Lower Upper
 330 100
 332 95.6 152.7 229.1#
 141 35.7 33.7 50.5

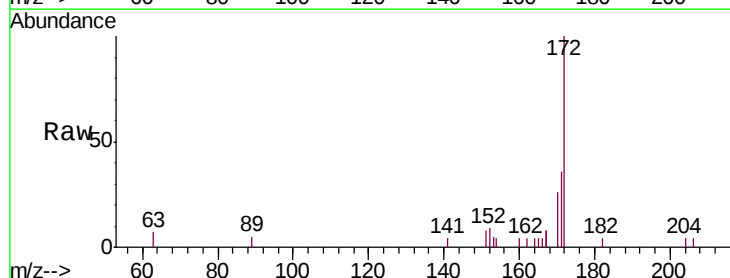


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

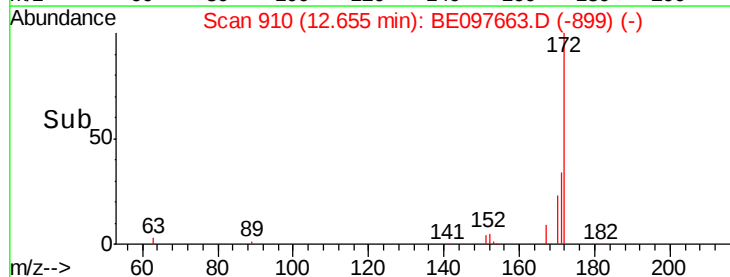
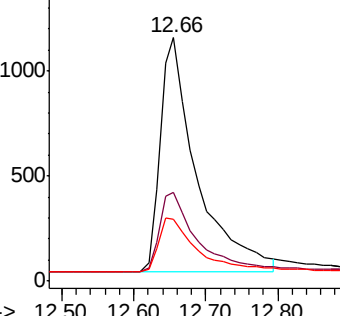


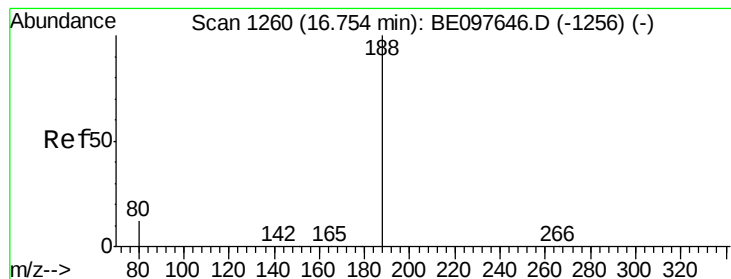
#15
 2-Fluorobiphenyl
 Concen: 0.598 ng
 RT: 12.66 min Scan# 910
 Delta R.T. 0.02 min
 Lab File: BE097663.D
 Acq: 25 Sep 2018 18:29

Tgt Ion: 172 Resp: 3942
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.9 44.9
 170 25.6 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: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097663.D

Acq: 25 Sep 2018 18:29

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919

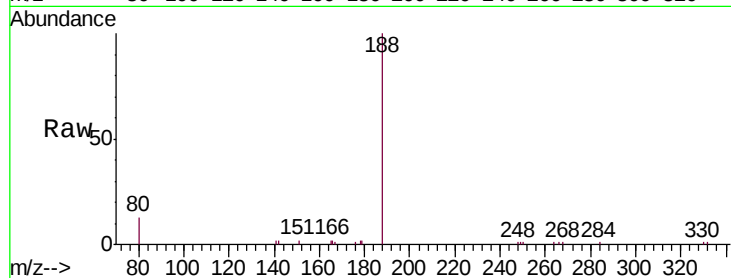
Tgt Ion:188 Resp: 6892

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

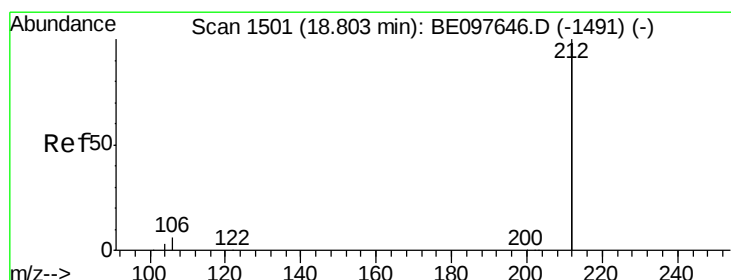
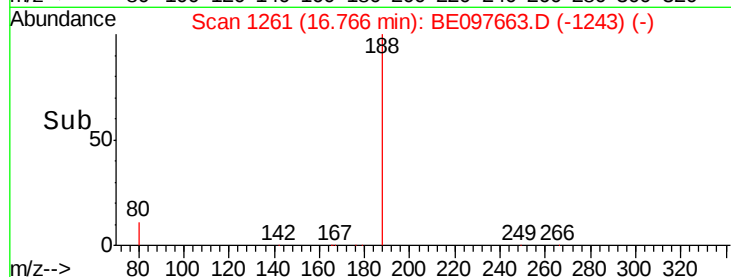
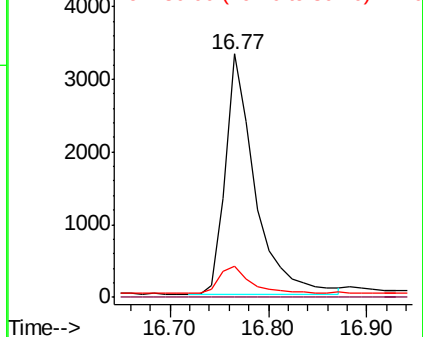
80 12.6 3.6 5.4#



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: 0.552 ng

RT: 18.80 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE097663.D

Acq: 25 Sep 2018 18:29

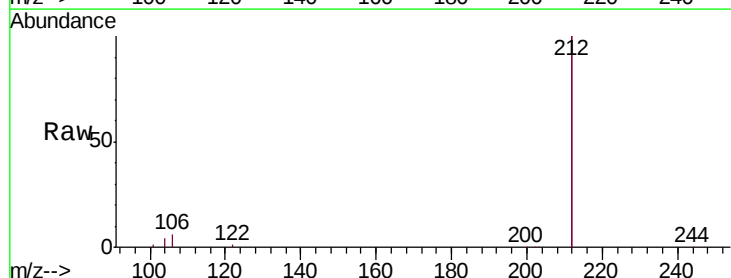
Tgt Ion:212 Resp: 41504

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

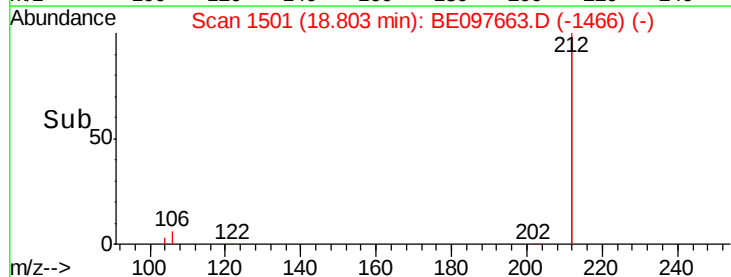
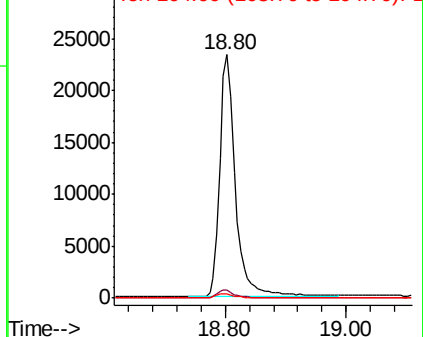
104 1.8 1.6 2.4

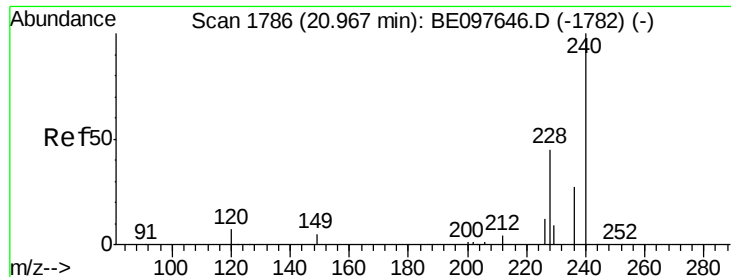


Abundance Ion 212.00 (211.70 to 212.70): E

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: 20.97 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097663.D

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BPSI-TT-MW311I-20180919

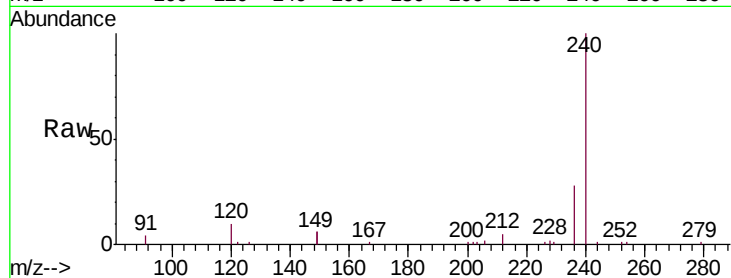
Tgt Ion:240 Resp: 8733

Ion Ratio Lower Upper

240 100

120 10.3 5.5 8.3#

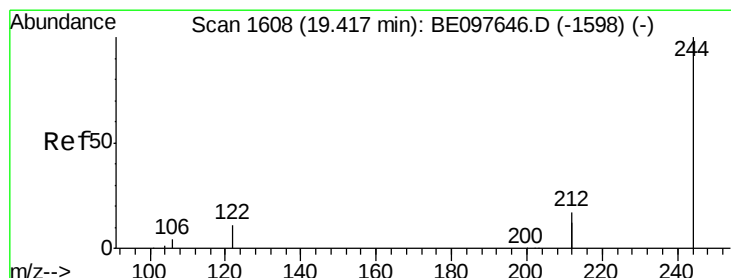
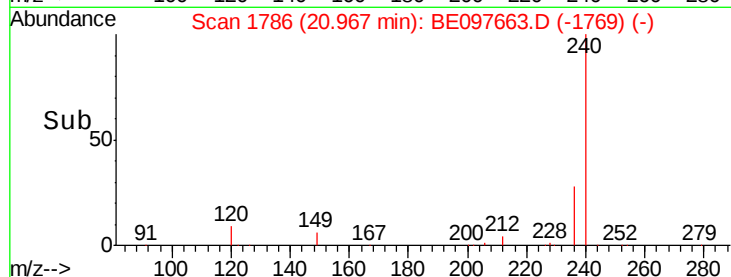
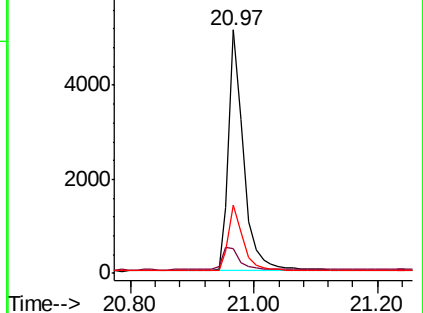
236 28.3 20.7 31.1



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: 0.490 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097663.D

Acq: 25 Sep 2018 18:29

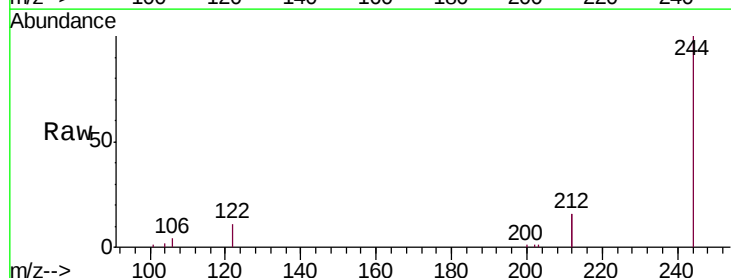
Tgt Ion:244 Resp: 8428

Ion Ratio Lower Upper

244 100

212 31.8 25.4 38.0

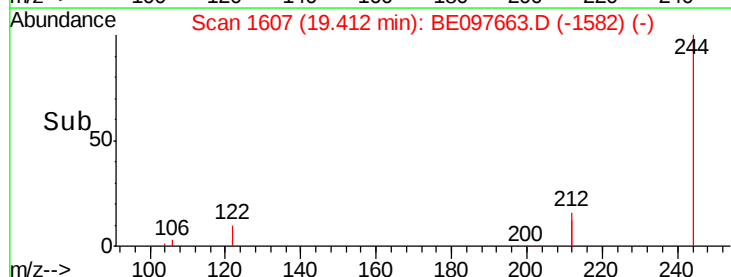
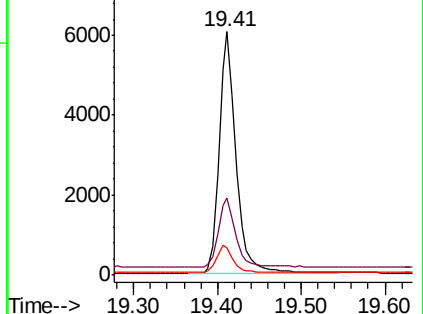
122 11.0 8.1 12.1

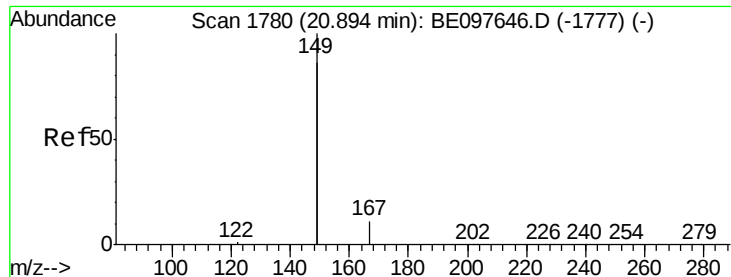


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

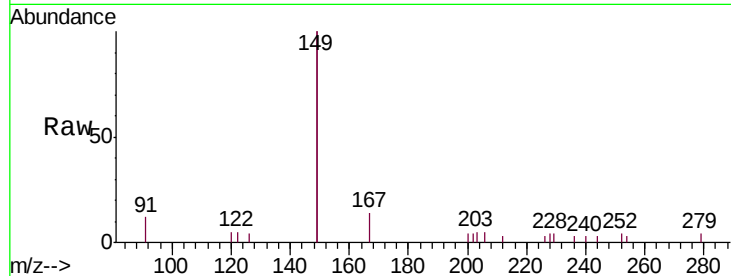




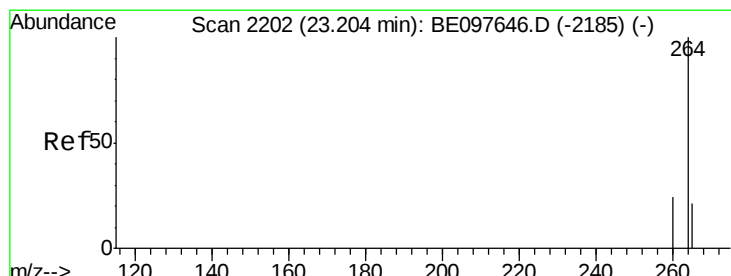
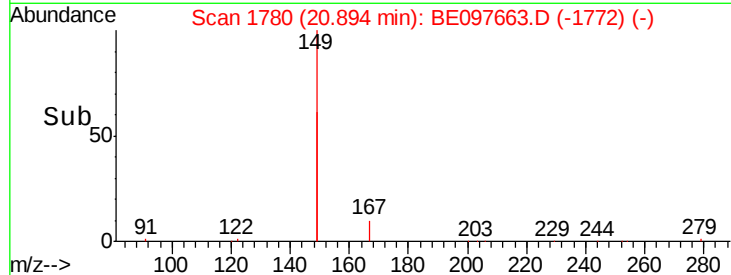
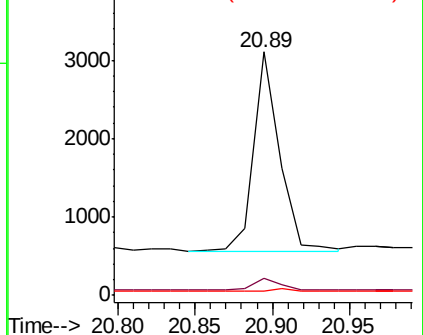
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 20.89 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BE097663.D
 Acq: 25 Sep 2018 18:29

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW311I-20180919

Tgt Ion:149 Resp: 3017
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.3 0.7 1.1#

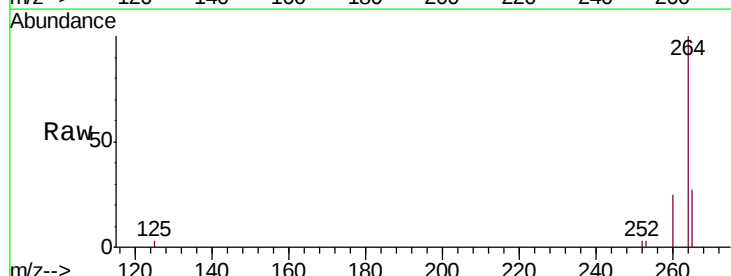


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BE097663.D
 Acq: 25 Sep 2018 18:29

Tgt Ion:264 Resp: 8242
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 26.8 22.8 34.2



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

