

Data File : BE097661.D
Acq On : 25 Sep 2018 17:17
Operator : SJ/JU
Sample : J5033-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-20180918

Quant Time: Sep 26 07:35:39 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

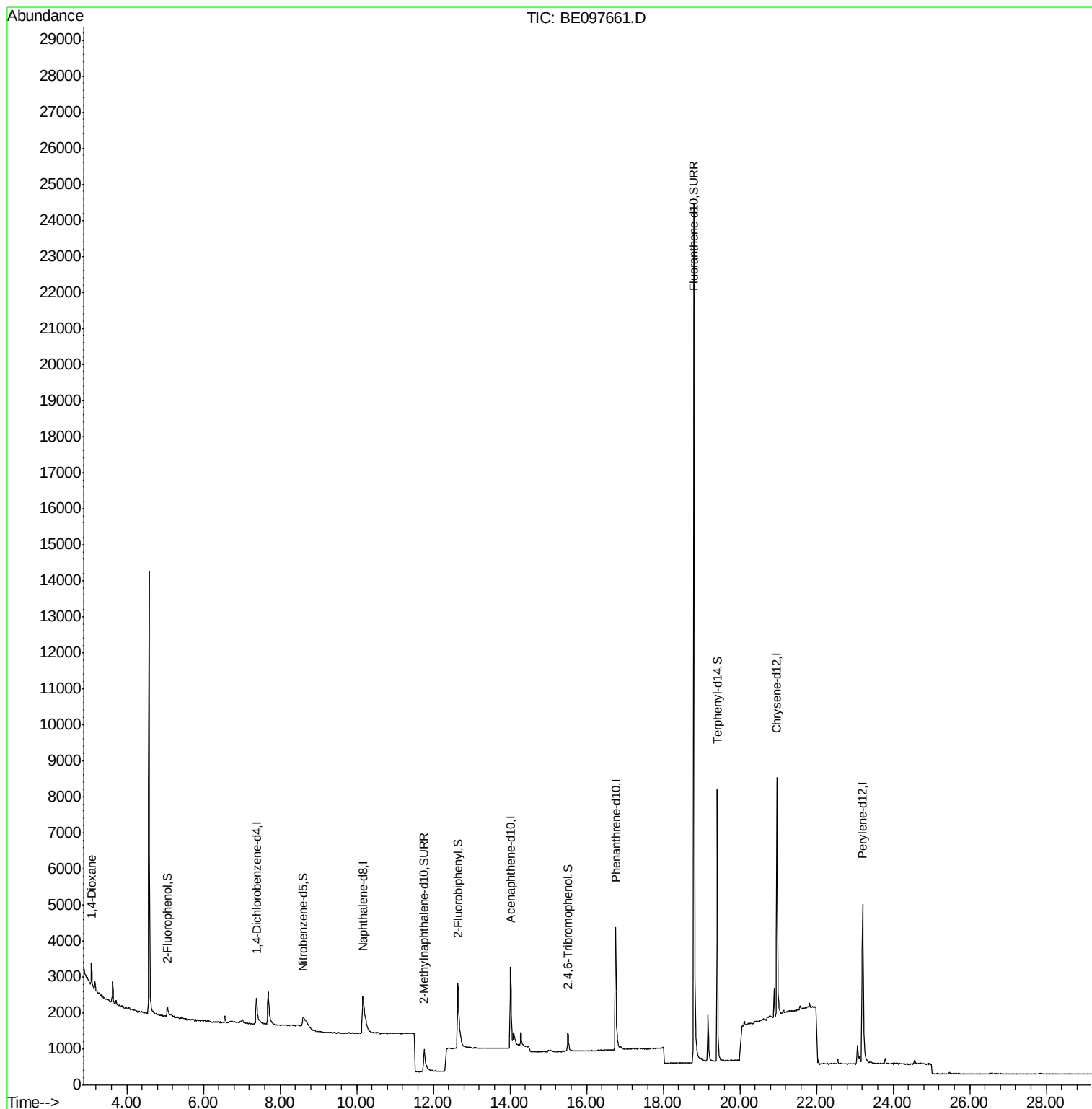
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	619	0.40	ng	0.01
7) Naphthalene-d8	10.16	136	2831	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	1861	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	6580	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8116	0.40	ng	0.00
34) Perylene-d12	23.20	264	7376	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	329	0.20	ng	0.01
5) Phenol-d6	6.56	99	2	0.00	ng	-0.06
8) Nitrobenzene-d5	8.60	82	516	0.32	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	1911	0.46	ng	0.04
14) 2,4,6-Tribromophenol	15.51	330	423	0.54	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	3502	0.58	ng	0.01
25) Fluoranthene-d10	18.80	212	39582	0.55	ng	0.00
29) Terphenyl-d14	19.41	244	7616	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	375	0.347	ng	Qvalue # 81

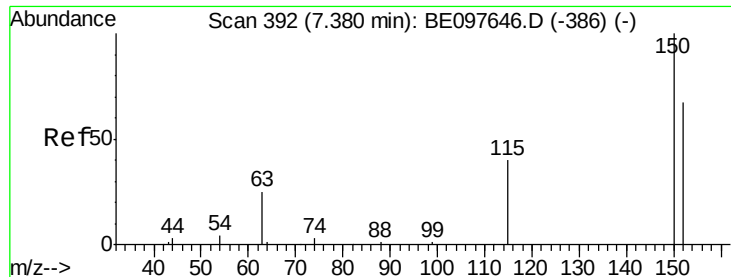
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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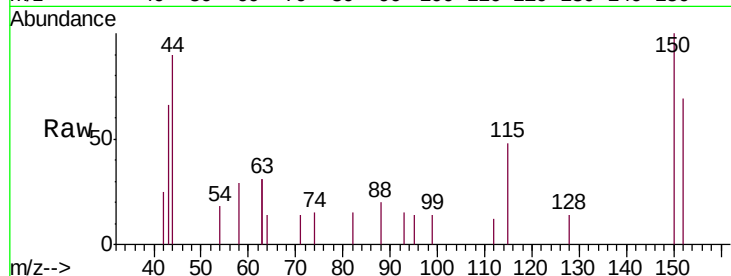


#1

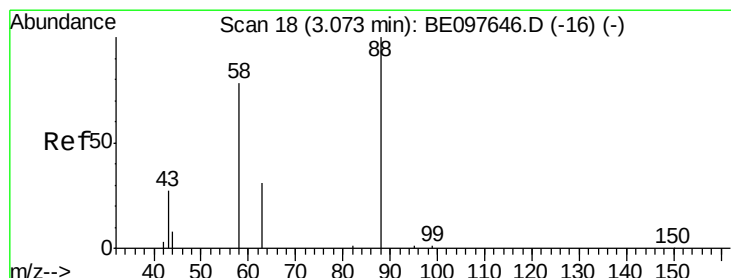
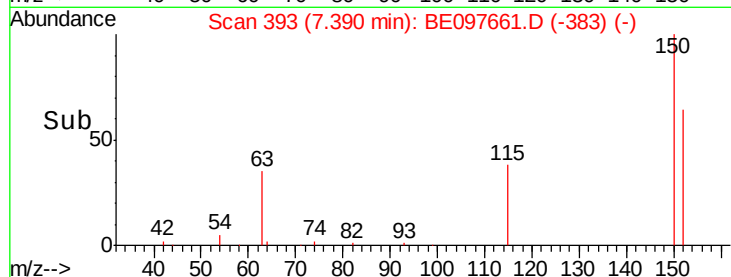
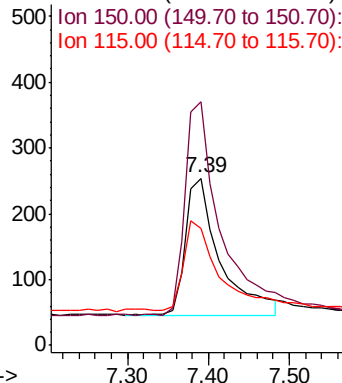
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097661.D
Acq: 25 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-20180918

Tgt Ion: 152 Resp: 619
Ion Ratio Lower Upper
152 100
150 145.7 117.2 175.8
115 69.7 57.0 85.6



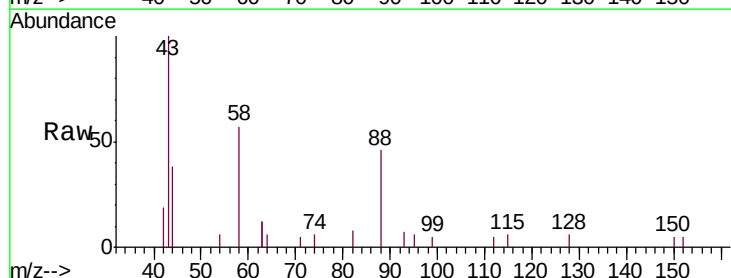
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



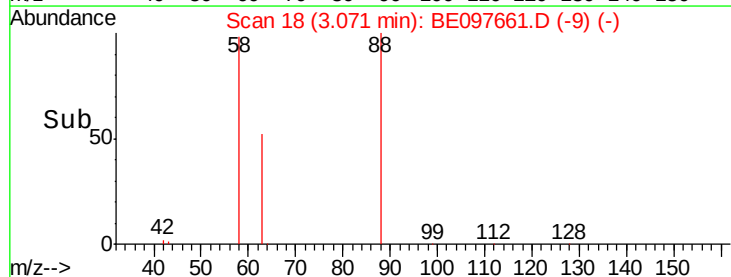
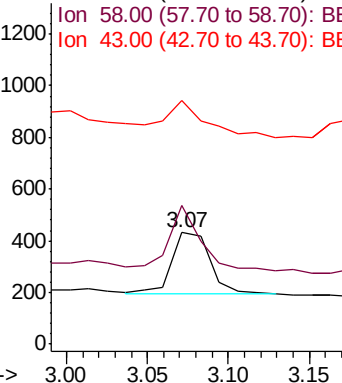
#2

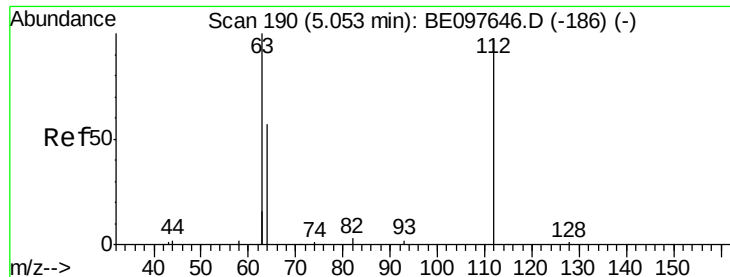
1,4-Dioxane
Concen: 0.347 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097661.D
Acq: 25 Sep 2018 17:17

Tgt Ion: 88 Resp: 375
Ion Ratio Lower Upper
88 100
58 93.3 63.2 94.8
43 67.2 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: 0.202 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20180918

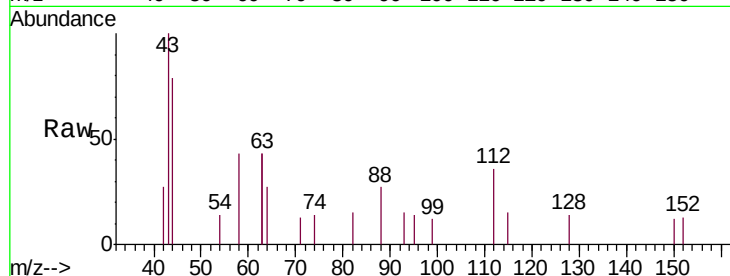
Tgt Ion: 112 Resp: 329

Ion Ratio Lower Upper

112 100

64 65.7 60.1 90.1

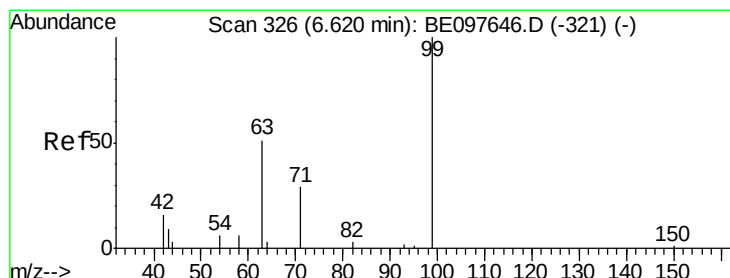
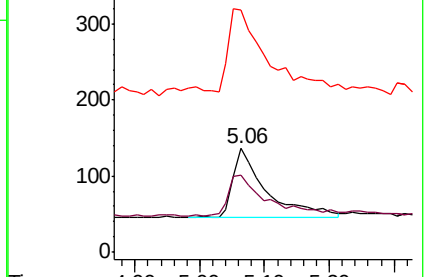
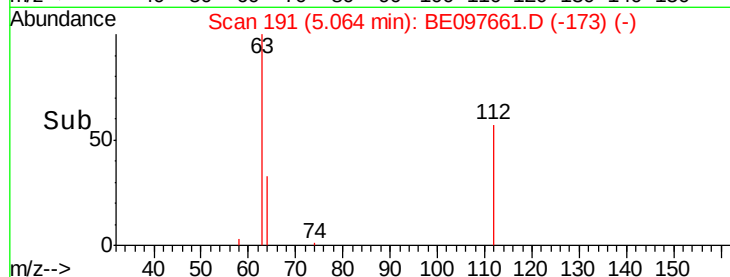
63 131.9 116.8 175.2



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: 0.001 ng

RT: 6.56 min Scan# 321

Delta R.T. -0.06 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

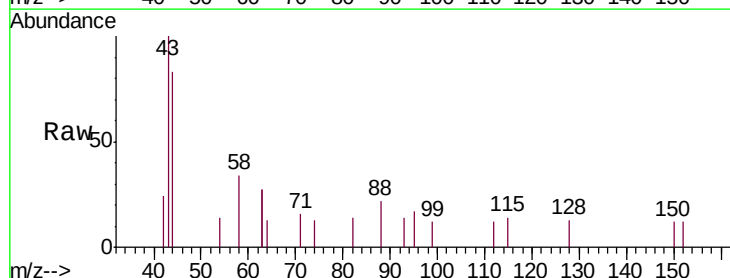
Tgt Ion: 99 Resp: 2

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

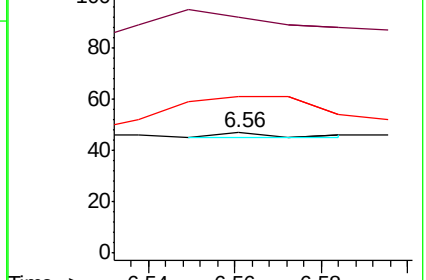
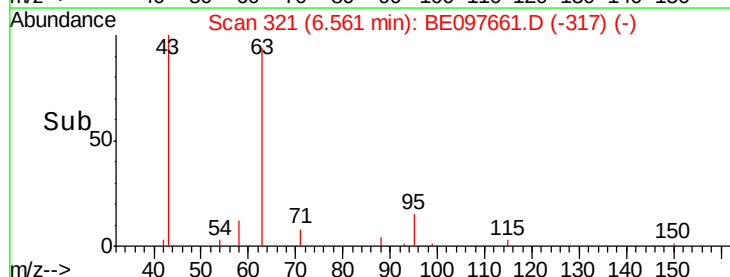
71 1150.0 28.4 42.6#

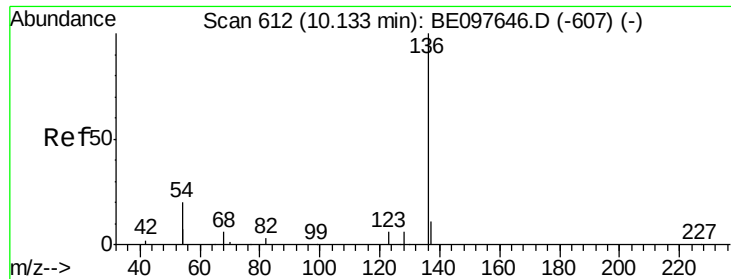


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20180918

Tgt Ion: 136 Resp: 2831

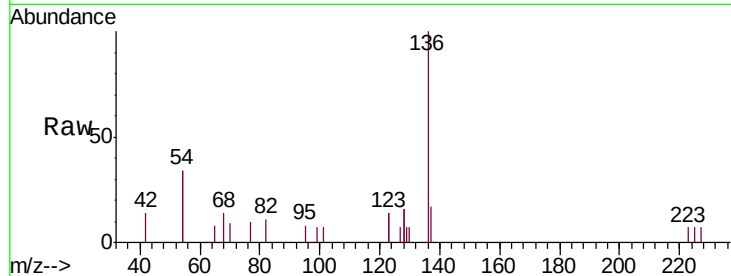
Ion Ratio Lower Upper

136 100

137 17.1 9.5 14.3#

54 68.6 29.1 43.7#

68 14.4 6.2 9.2#

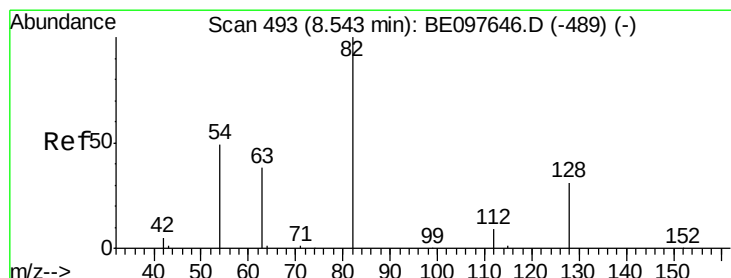
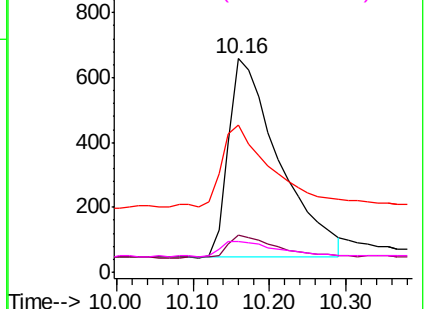
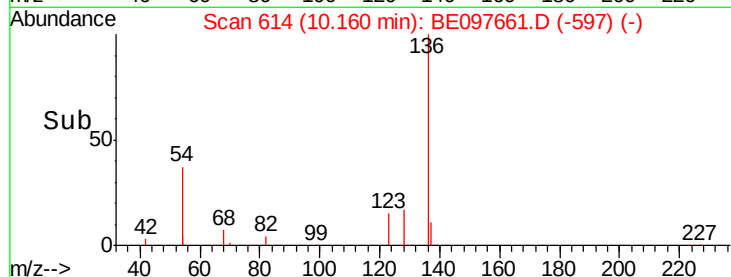


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.315 ng

RT: 8.60 min Scan# 498

Delta R.T. 0.06 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

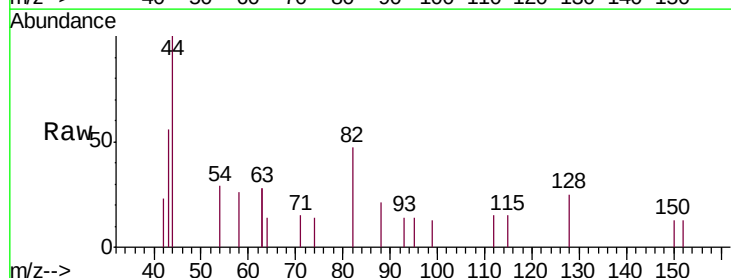
Tgt Ion: 82 Resp: 516

Ion Ratio Lower Upper

82 100

128 52.6 24.0 36.0#

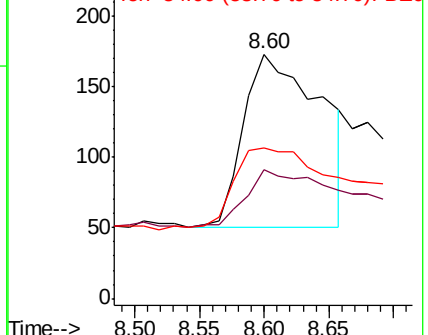
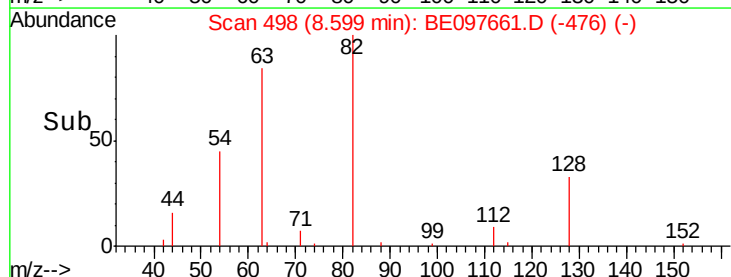
54 61.8 40.0 60.0#

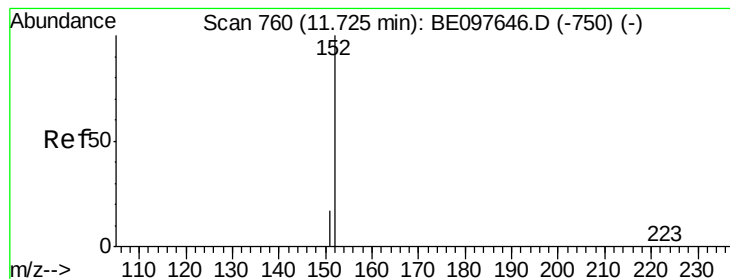


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.456 ng

RT: 11.76 min Scan# 768

Delta R.T. 0.04 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

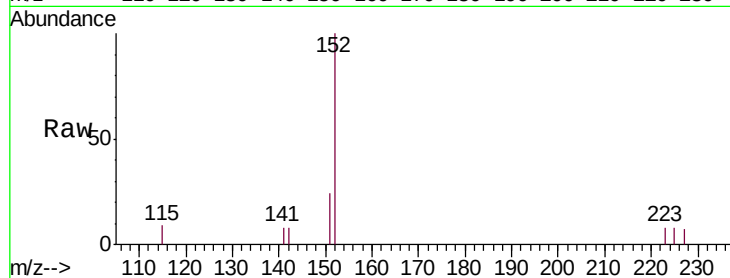
BP-MH-SW4001-20180918

Tgt Ion:152 Resp: 1911

Ion Ratio Lower Upper

152 100

151 18.7 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

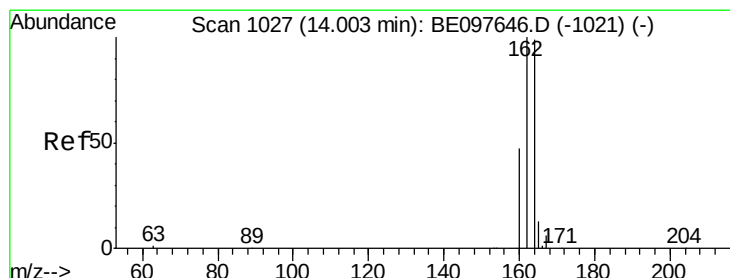
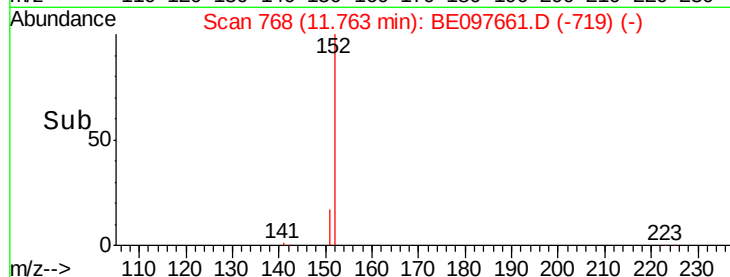
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

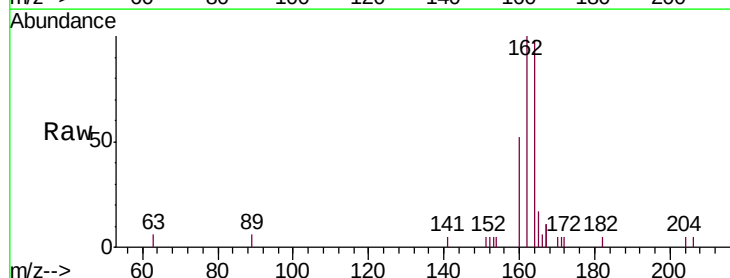
Tgt Ion:164 Resp: 1861

Ion Ratio Lower Upper

164 100

162 102.1 83.1 124.7

160 53.1 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

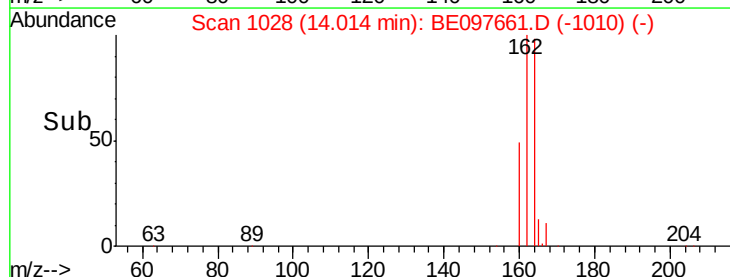
600

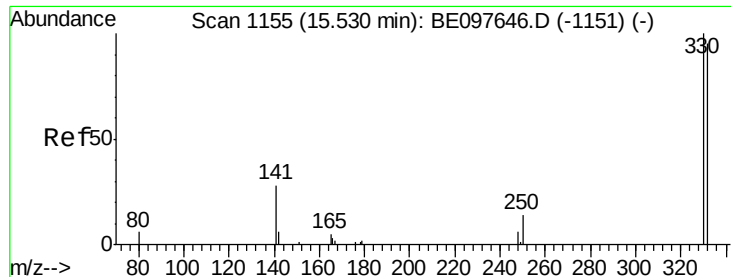
400

200

0

Time-->

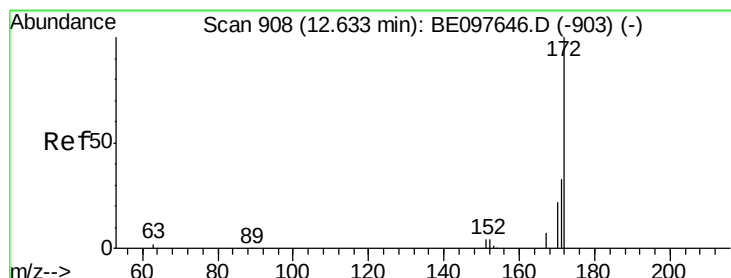
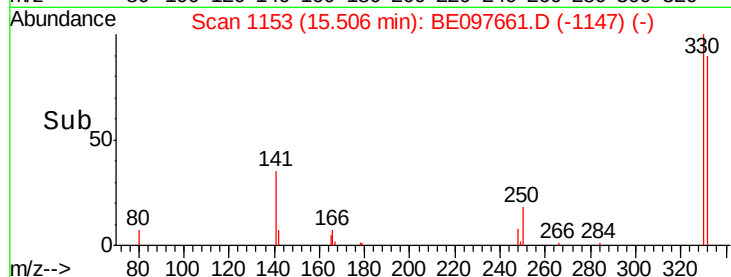
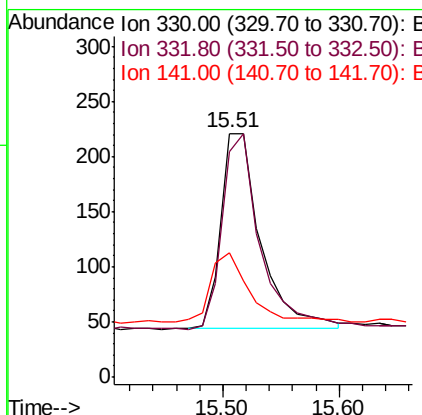
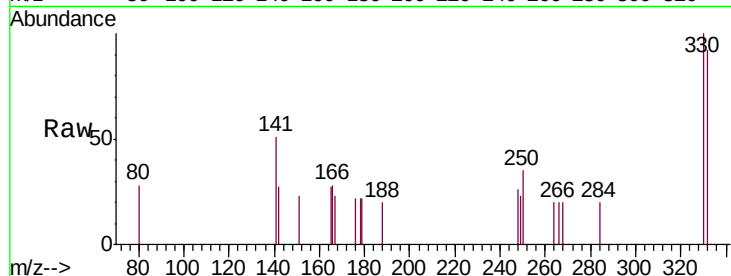




#14
 2,4,6-Tribromophenol
 Concen: 0.536 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BE097661.D
 Acq: 25 Sep 2018 17:17

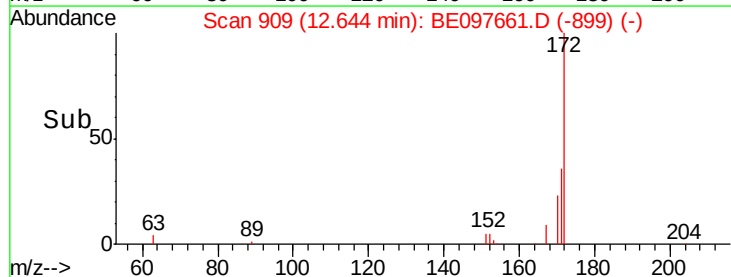
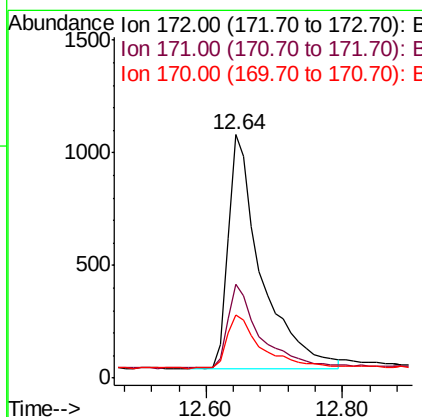
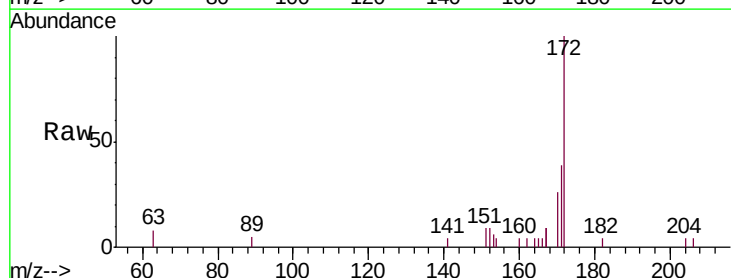
Instrument :
 BNA_E
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 BP-MH-SW4001-20180918

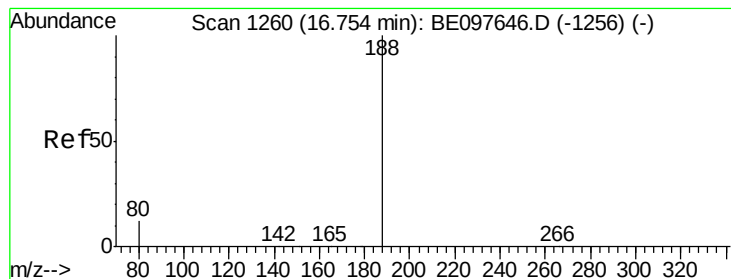
Tgt Ion: 330 Resp: 423
 Ion Ratio Lower Upper
 330 100
 332 96.0 152.7 229.1#
 141 29.6 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.577 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BE097661.D
 Acq: 25 Sep 2018 17:17

Tgt Ion: 172 Resp: 3502
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.9 44.9
 170 25.9 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20180918

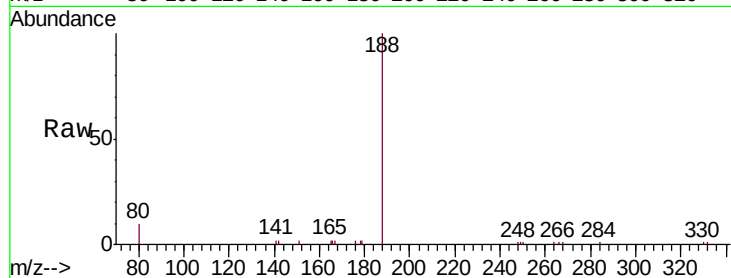
Tgt Ion:188 Resp: 6580

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

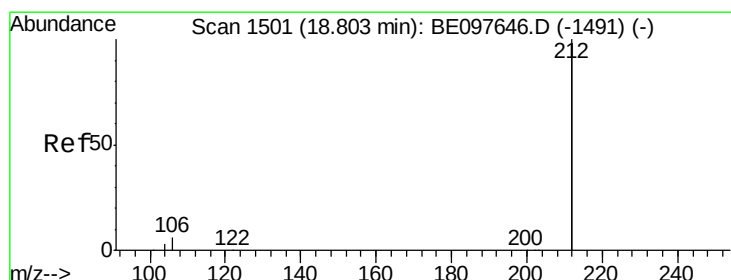
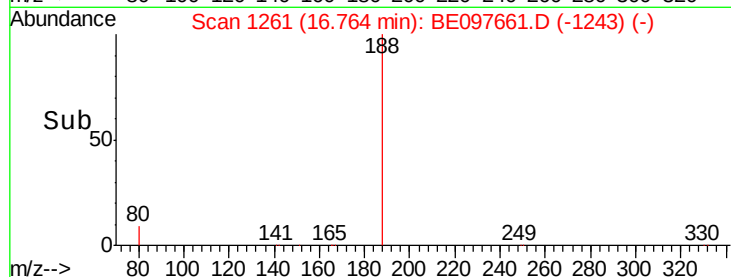
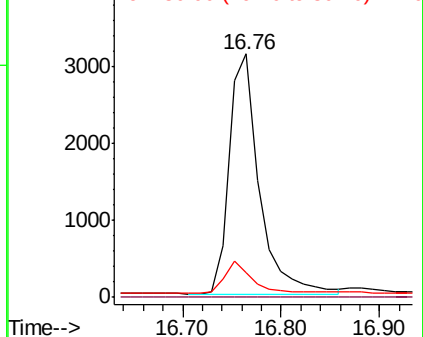
80 10.3 3.6 5.4#



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# 1502

Delta R.T. 0.00 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

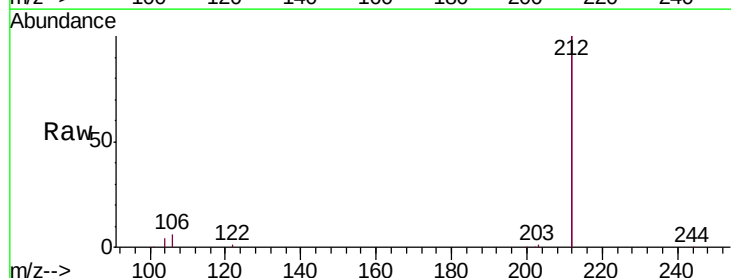
Tgt Ion:212 Resp: 39582

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

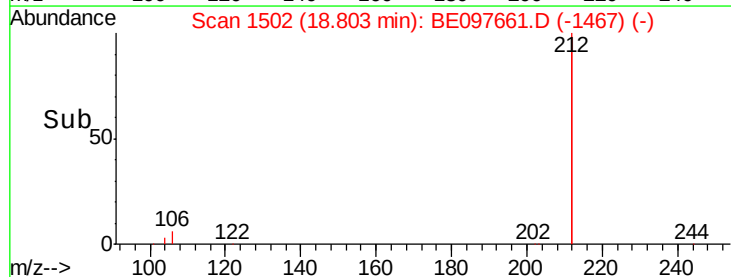
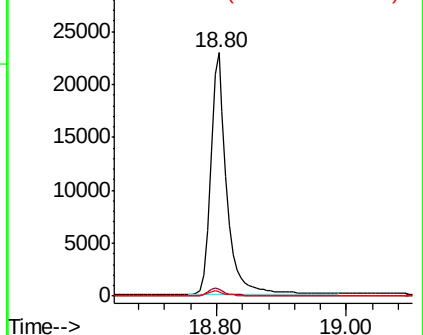
104 1.8 1.6 2.4

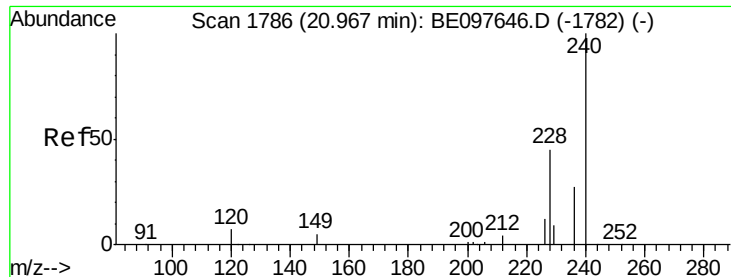


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1787

Delta R.T. 0.00 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

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ClientSampleId :

BP-MH-SW4001-20180918

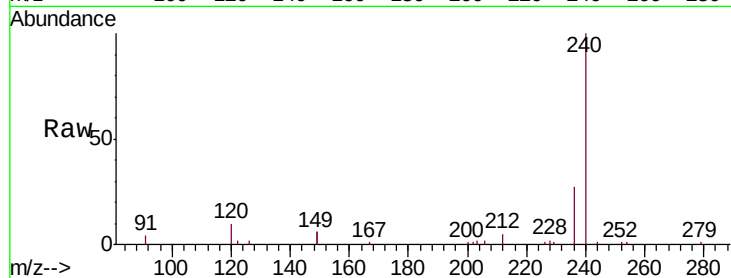
Tgt Ion:240 Resp: 8116

Ion Ratio Lower Upper

240 100

120 10.3 5.5 8.3#

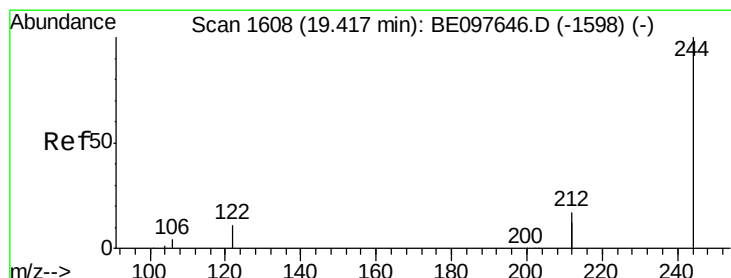
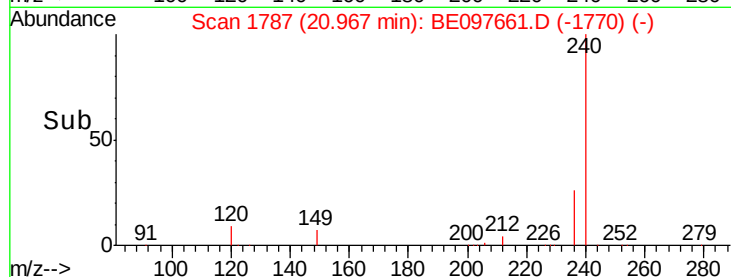
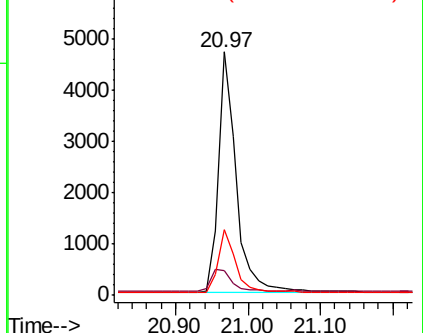
236 26.9 20.7 31.1



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: 0.477 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

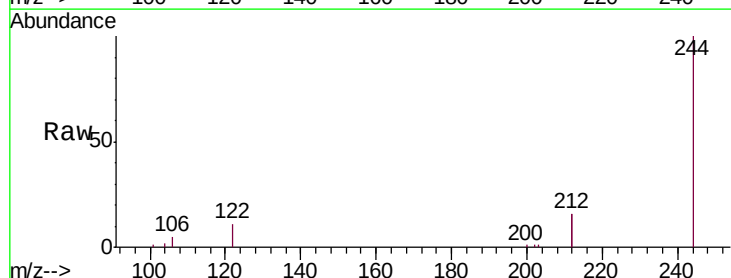
Tgt Ion:244 Resp: 7616

Ion Ratio Lower Upper

244 100

212 32.0 25.4 38.0

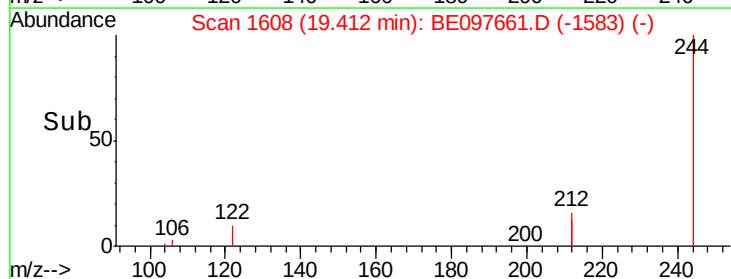
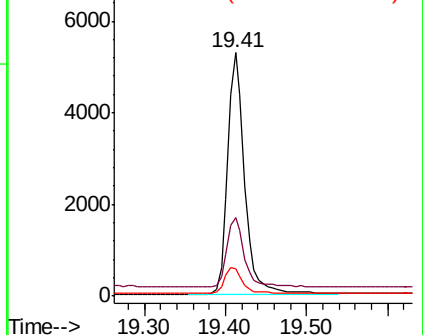
122 11.3 8.1 12.1

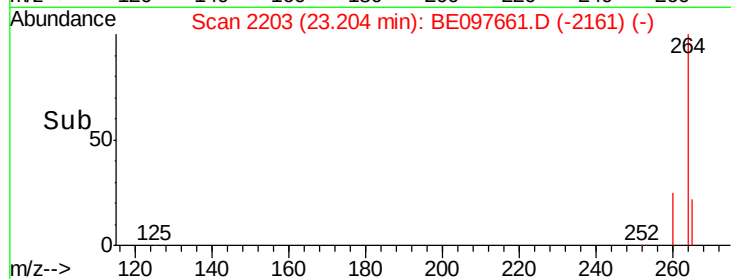
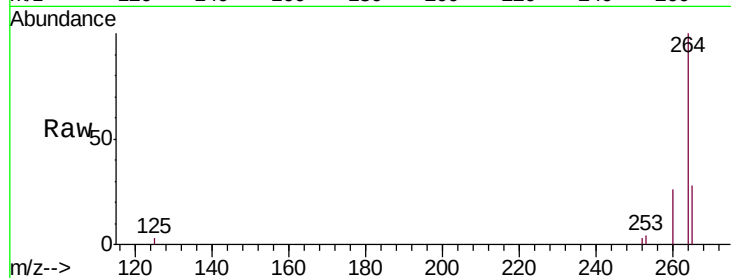
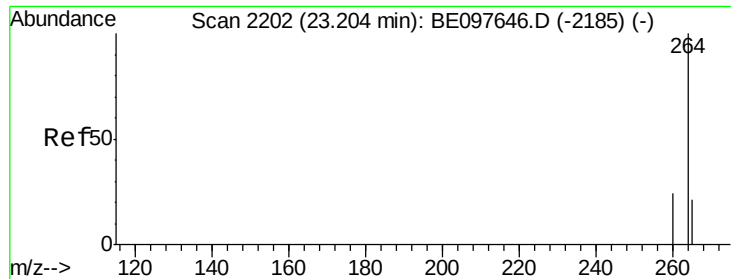


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.20 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20180918

Tgt Ion:264 Resp: 7376

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 28.4 22.8 34.2

