

Data File : BE097657.D
Acq On : 25 Sep 2018 14:48
Operator : SJ/JU
Sample : J5033-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW314D-20180919

Quant Time: Sep 26 07:35:01 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

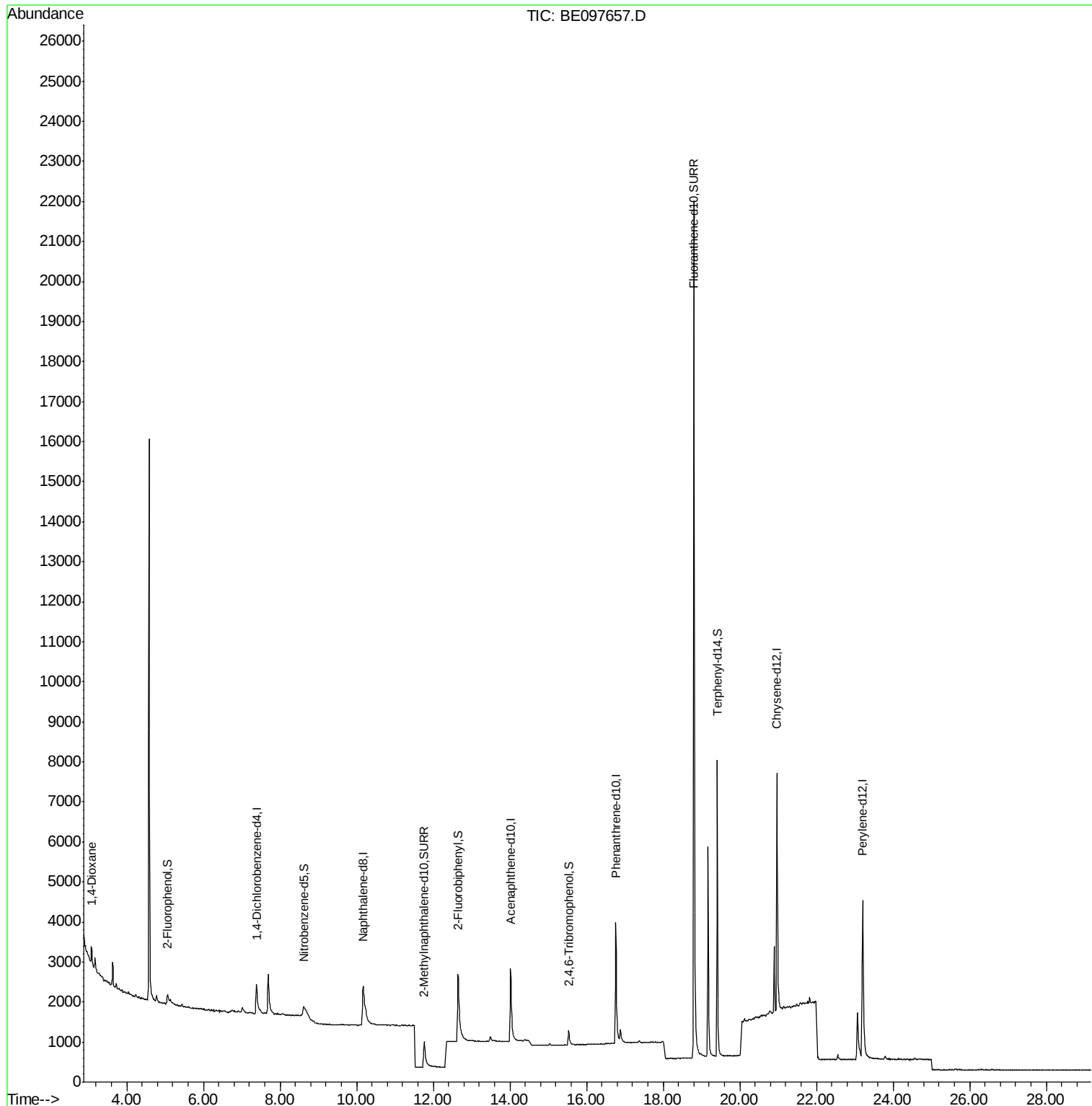
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	620	0.40	ng	0.01
7) Naphthalene-d8	10.17	136	2805	0.40	ng	0.04
13) Acenaphthene-d10	14.01	164	1779	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	5549	0.40	ng	0.01
27) Chrysene-d12	20.97	240	7555	0.40	ng	0.00
34) Perylene-d12	23.21	264	6801	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	294	0.18	ng	0.01
5) Phenol-d6	6.63	99	1	0.00	ng	0.01
8) Nitrobenzene-d5	8.61	82	510	0.31	ng	0.07
11) 2-Methylnaphthalene-d10	11.76	152	1997	0.48	ng	0.04
14) 2,4,6-Tribromophenol	15.53	330	303	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	3395	0.58	ng	0.01
25) Fluoranthene-d10	18.80	212	37098	0.61	ng	0.00
29) Terphenyl-d14	19.41	244	7434	0.50	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	284	0.253	ng	Qvalue # 62

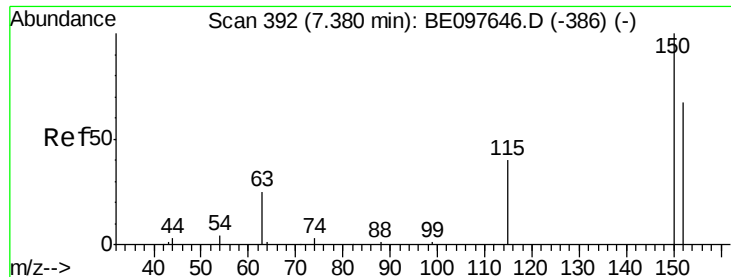
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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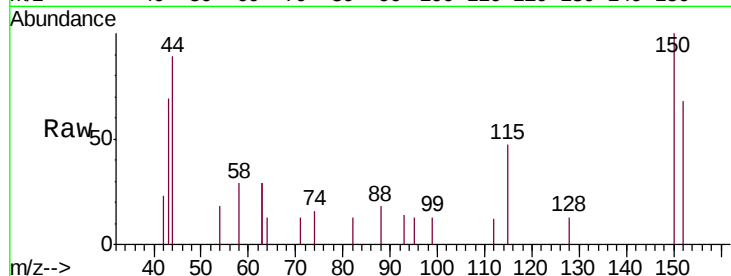


#1

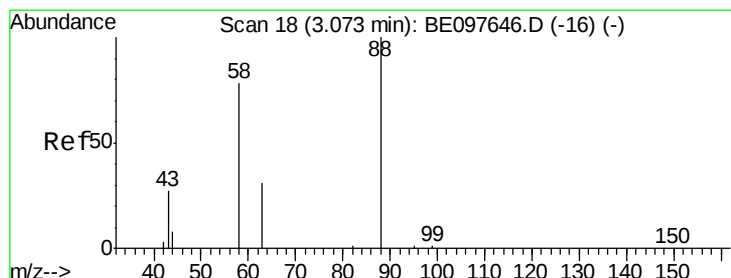
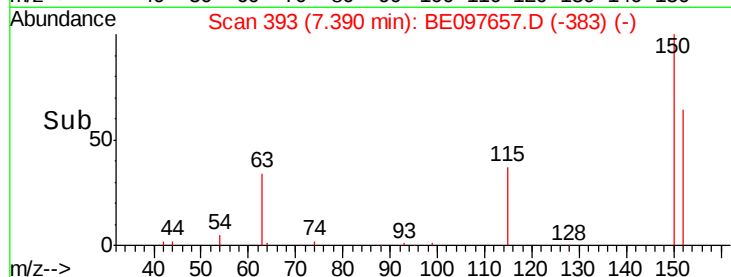
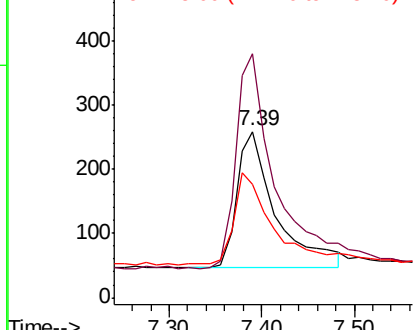
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097657.D
Acq: 25 Sep 2018 14:48

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW314D-20180919

Tgt Ion: 152 Resp: 620
Ion Ratio Lower Upper
152 100
150 146.7 117.2 175.8
115 68.3 57.0 85.6



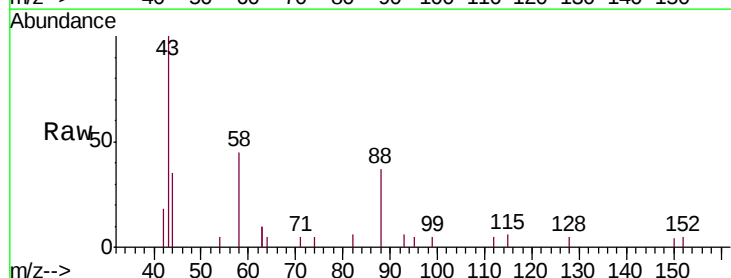
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



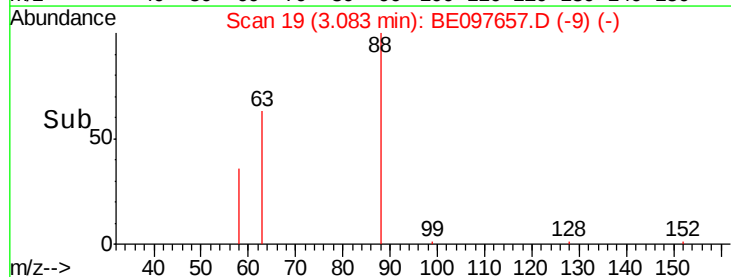
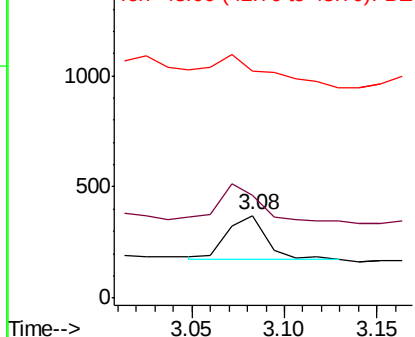
#2

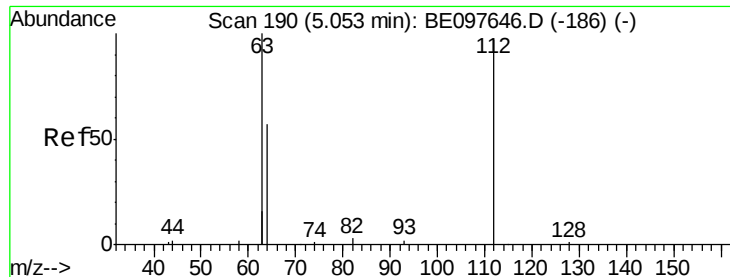
1,4-Dioxane
Concen: 0.253 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097657.D
Acq: 25 Sep 2018 14:48

Tgt Ion: 88 Resp: 284
Ion Ratio Lower Upper
88 100
58 88.4 63.2 94.8
43 107.4 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: 0.180 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW314D-20180919

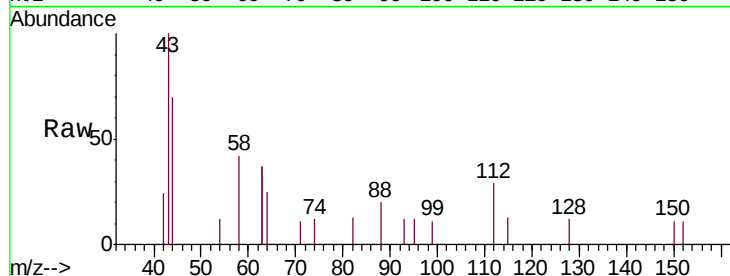
Tgt Ion: 112 Resp: 294

Ion Ratio Lower Upper

112 100

64 71.1 60.1 90.1

63 157.1 116.8 175.2



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

400

300

200

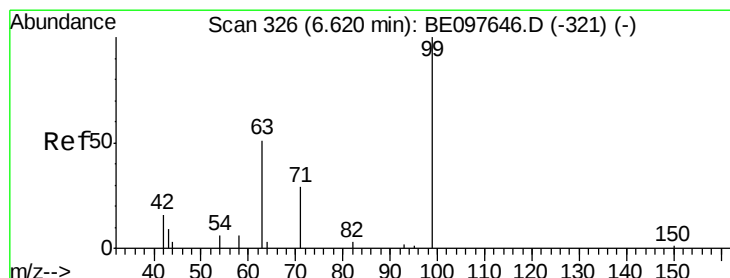
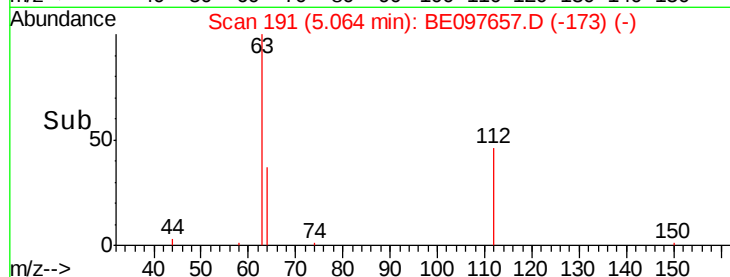
100

0

4.90 5.00 5.10 5.20

5.06

Time-->



#5

Phenol-d6

Concen: 0.000 ng

RT: 6.63 min Scan# 327

Delta R.T. 0.01 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

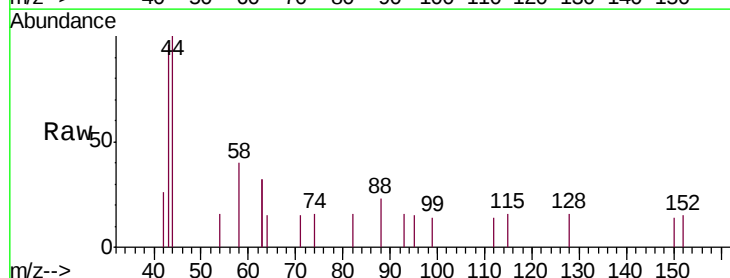
Tgt Ion: 99 Resp: 1

Ion Ratio Lower Upper

99 100

42 600.0 20.2 30.2#

71 900.0 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

100

80

60

40

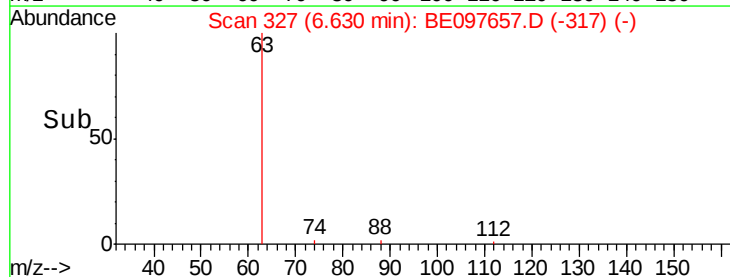
20

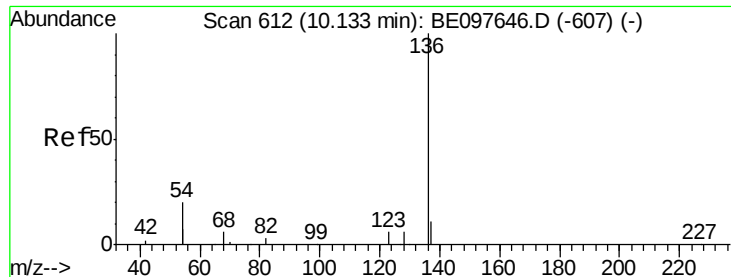
0

6.60 6.62 6.64 6.66

6.63

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.04 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

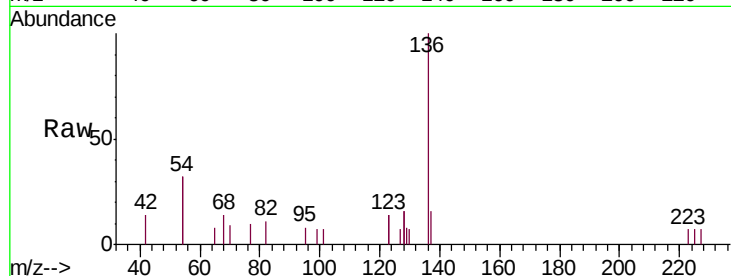
Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW314D-20180919

Tgt Ion:	136	Resp:	2805
Ion	Ratio	Lower	Upper
136	100		
137	16.2	9.5	14.3#
54	64.0	29.1	43.7#
68	14.2	6.2	9.2#

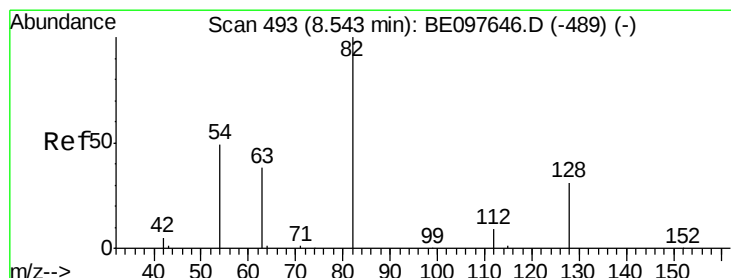
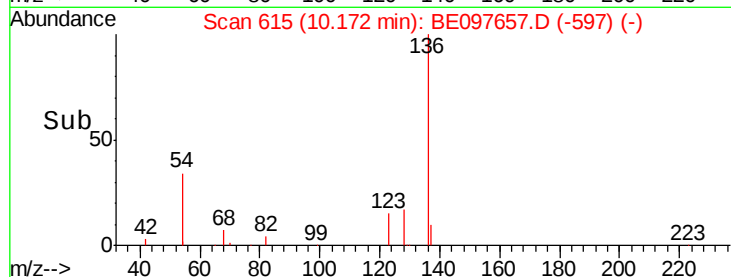
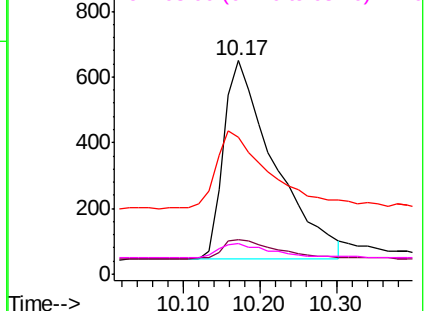


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.315 ng

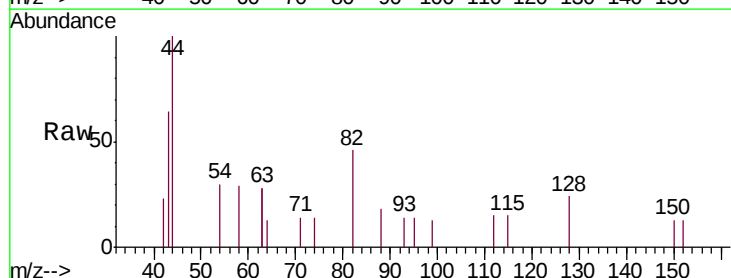
RT: 8.61 min Scan# 499

Delta R.T. 0.07 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

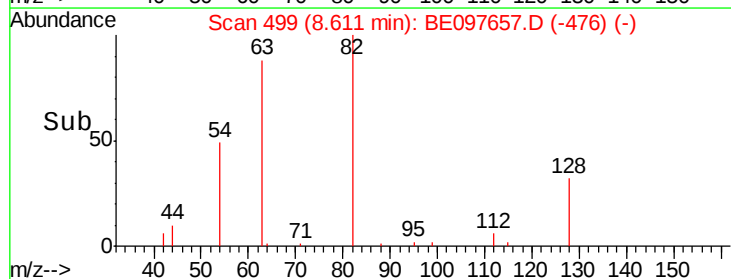
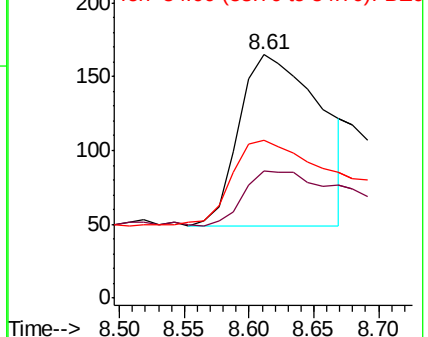
Tgt Ion:	82	Resp:	510
Ion	Ratio	Lower	Upper
82	100		
128	52.1	24.0	36.0#
54	64.8	40.0	60.0#

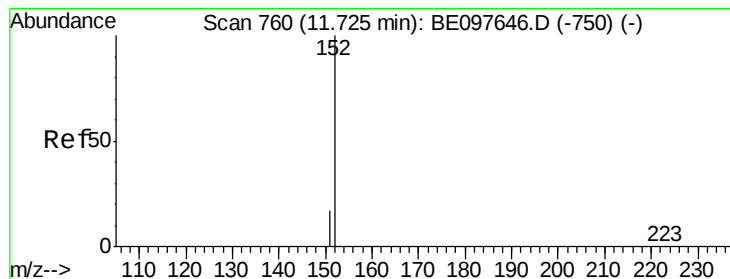


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.481 ng

RT: 11.76 min Scan# 768

Delta R.T. 0.04 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

Instrument :

BNA_E

ClientSampleId :

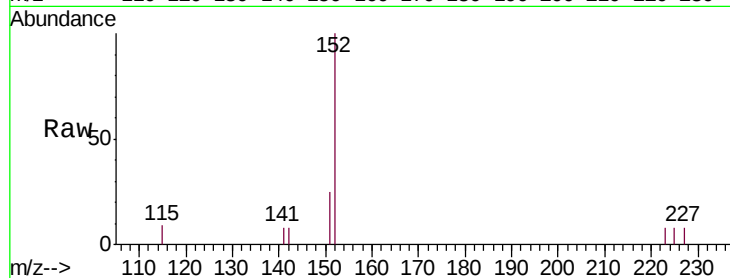
BPSI-TT-MW314D-20180919

Tgt Ion:152 Resp: 1997

Ion Ratio Lower Upper

152 100

151 17.6 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

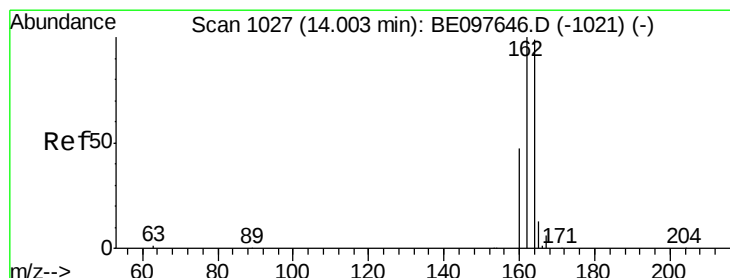
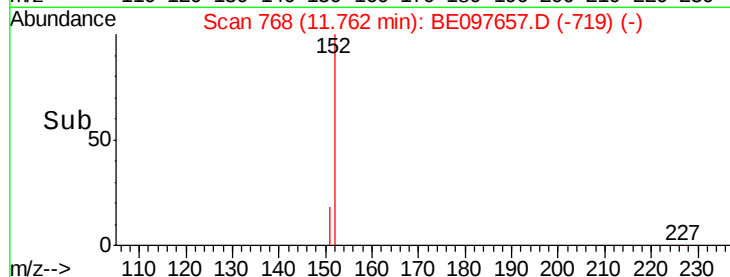
600

400

200

0

Time--> 11.60 11.80 12.00



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

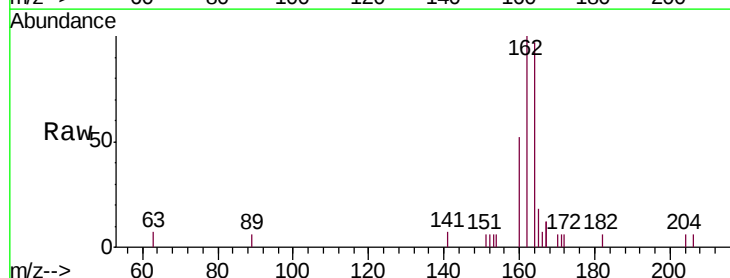
Tgt Ion:164 Resp: 1779

Ion Ratio Lower Upper

164 100

162 103.5 83.1 124.7

160 53.5 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

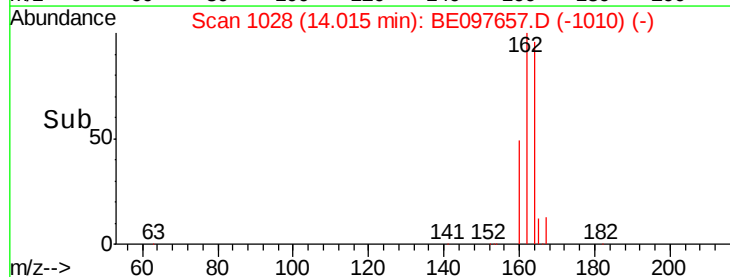
600

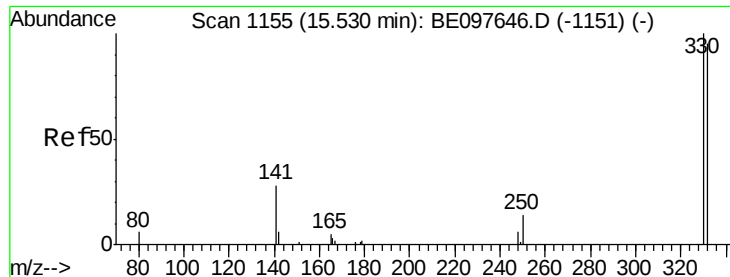
400

200

0

Time--> 14.00 14.20

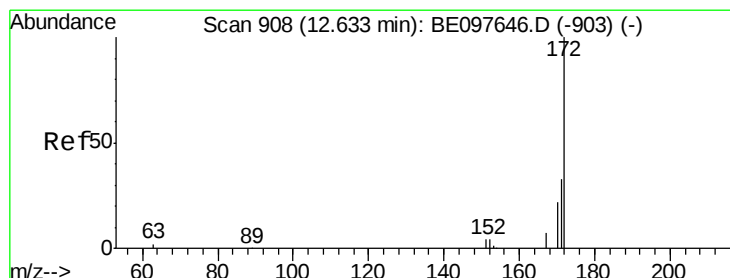
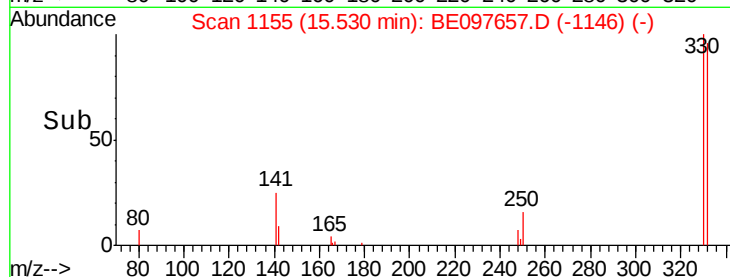
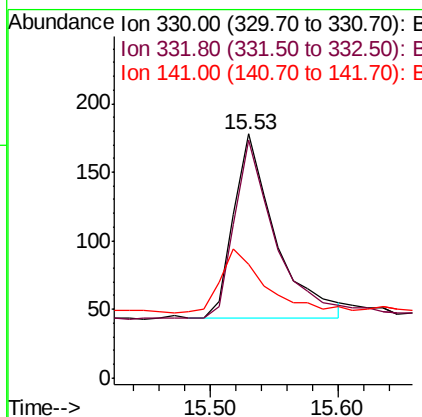
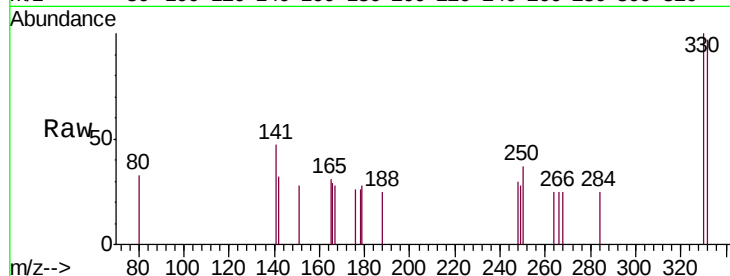




#14
 2,4,6-Tribromophenol
 Concen: 0.421 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BE097657.D
 Acq: 25 Sep 2018 14:48

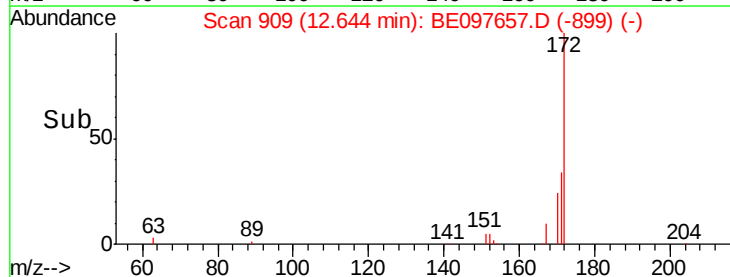
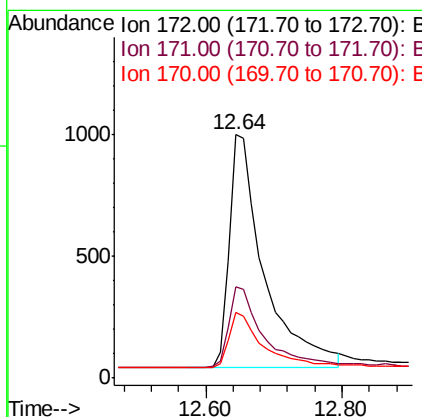
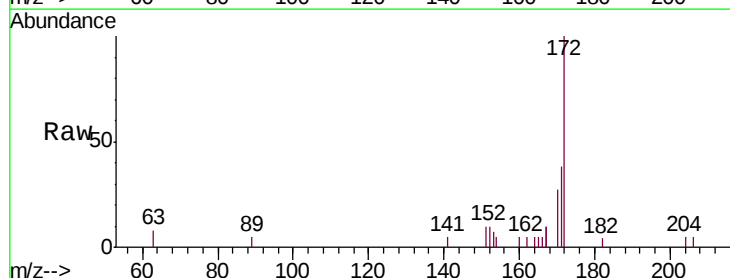
Instrument :
 BNA_E
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 BPSI-TT-MW314D-20180919

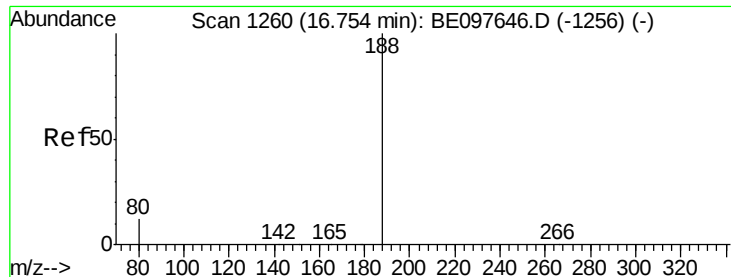
Tgt Ion: 330 Resp: 303
 Ion Ratio Lower Upper
 330 100
 332 93.7 152.7 229.1#
 141 37.3 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.585 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BE097657.D
 Acq: 25 Sep 2018 14:48

Tgt Ion: 172 Resp: 3395
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.9 44.9
 170 27.2 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW314D-20180919

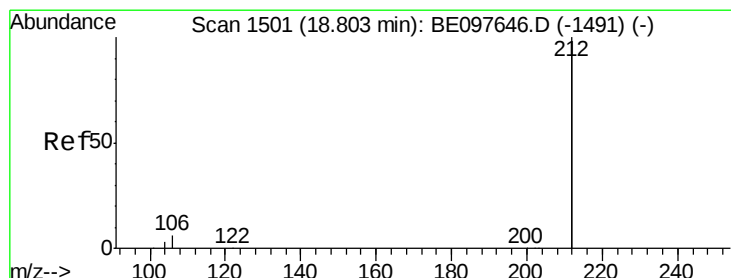
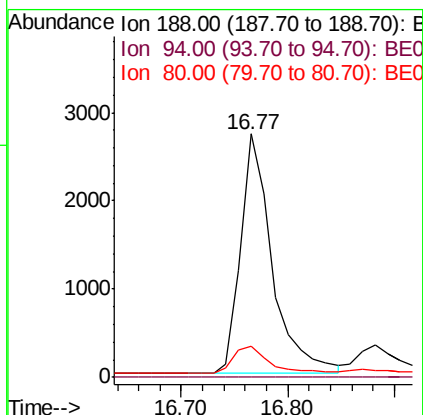
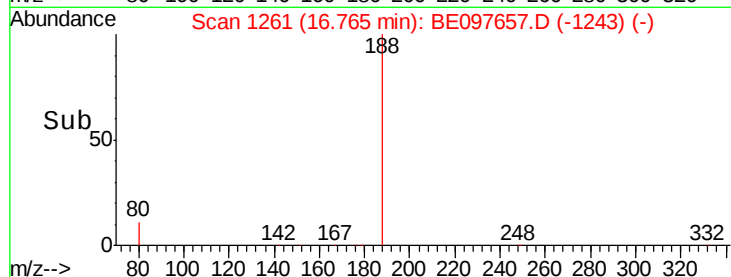
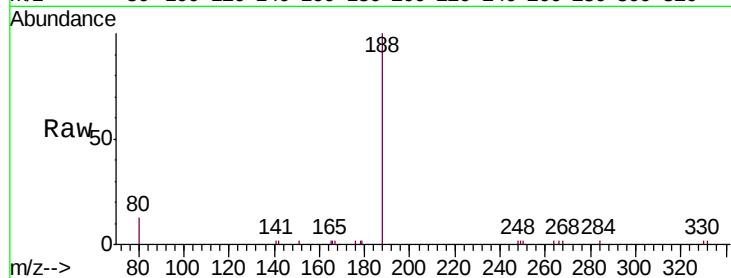
Tgt Ion:188 Resp: 5549

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.6 3.6 5.4#



#25

Fluoranthene-d10

Concen: 0.613 ng

RT: 18.80 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

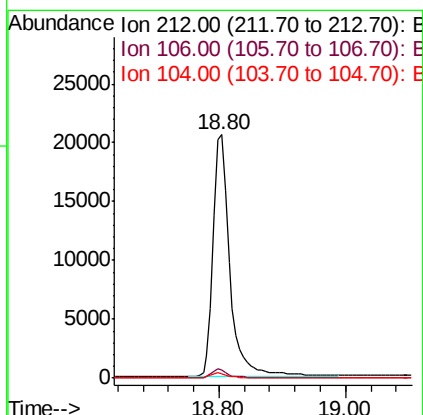
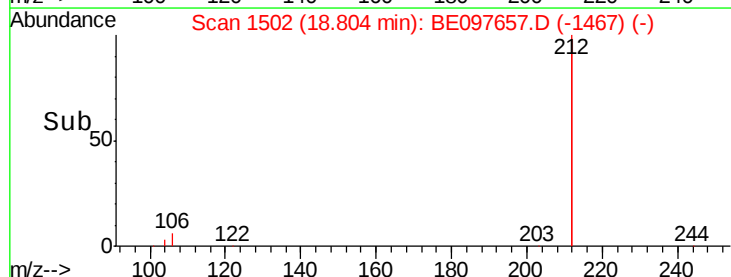
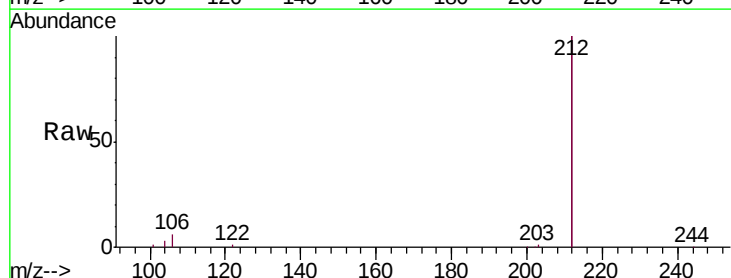
Tgt Ion:212 Resp: 37098

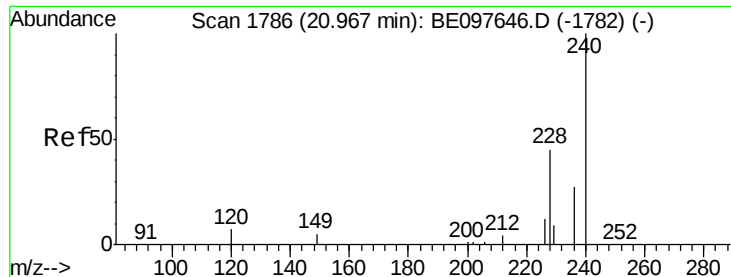
Ion Ratio Lower Upper

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# 1787

Delta R.T. -0.00 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

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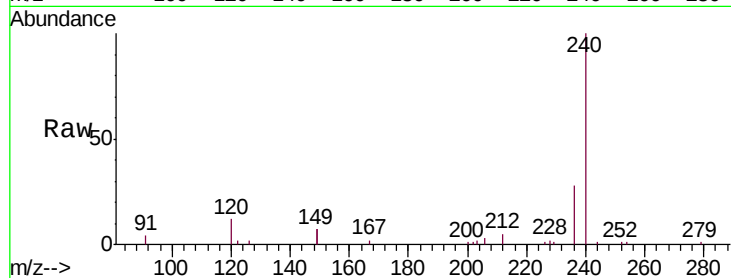
Tgt Ion:240 Resp: 7555

Ion Ratio Lower Upper

240 100

120 11.6 5.5 8.3#

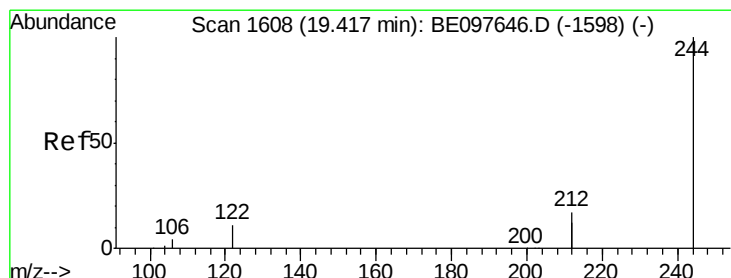
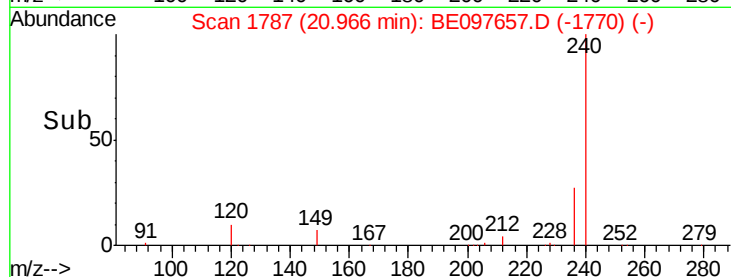
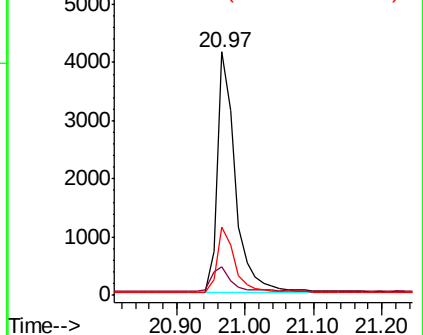
236 28.1 20.7 31.1



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: 0.500 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

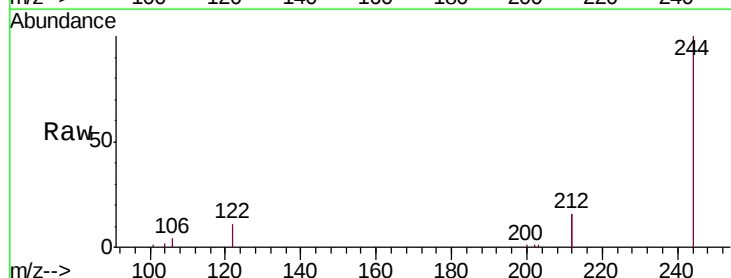
Tgt Ion:244 Resp: 7434

Ion Ratio Lower Upper

244 100

212 32.3 25.4 38.0

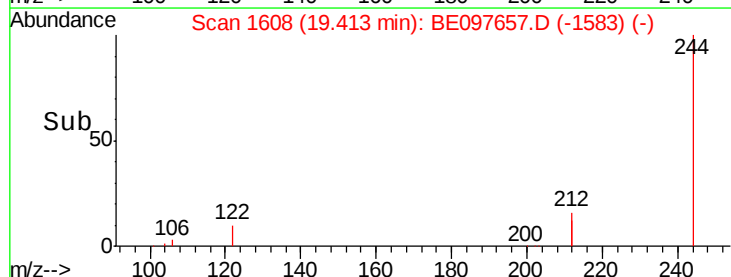
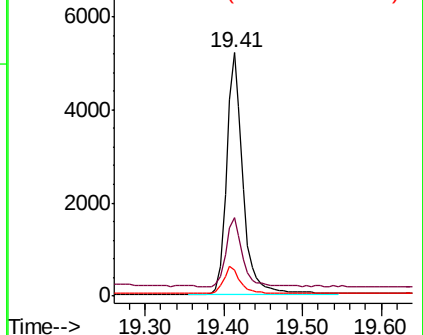
122 10.7 8.1 12.1

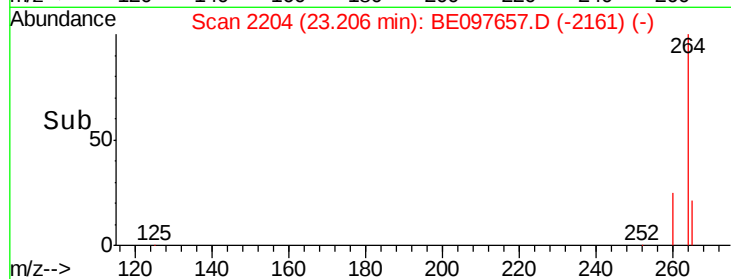
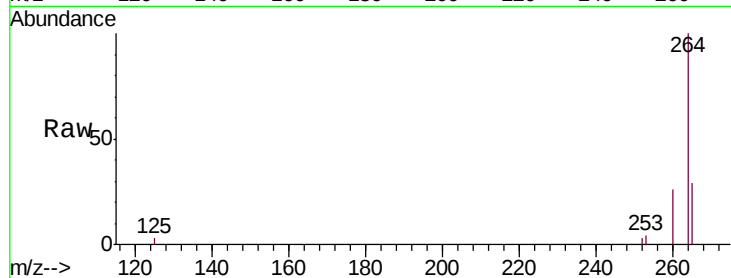
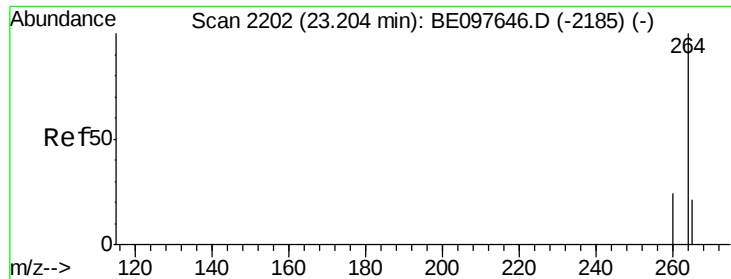


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2204

Delta R.T. 0.00 min

Lab File: BE097657.D

Acq: 25 Sep 2018 14:48

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW314D-20180919

Tgt Ion: 264 Resp: 6801

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 28.7 22.8 34.2

