

Data File : BE097675.D
Acq On : 26 Sep 2018 1:53
Operator : SJ/JU
Sample : J5033-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-TT-EB03-20180919

Quant Time: Sep 26 07:38:25 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	7.38	152	713	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3324	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2129	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6833	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8656	0.40	ng	0.00
34) Perylene-d12	23.20	264	8572	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	406	0.22	ng	0.00
5) Phenol-d6	6.66	99	136	0.05	ng	0.04
8) Nitrobenzene-d5	8.55	82	981	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2192	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	81	0.15	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3626	0.52	ng	0.00
25) Fluoranthene-d10	18.80	212	38072	0.51	ng	0.00
29) Terphenyl-d14	19.41	244	7457	0.44	ng	0.00

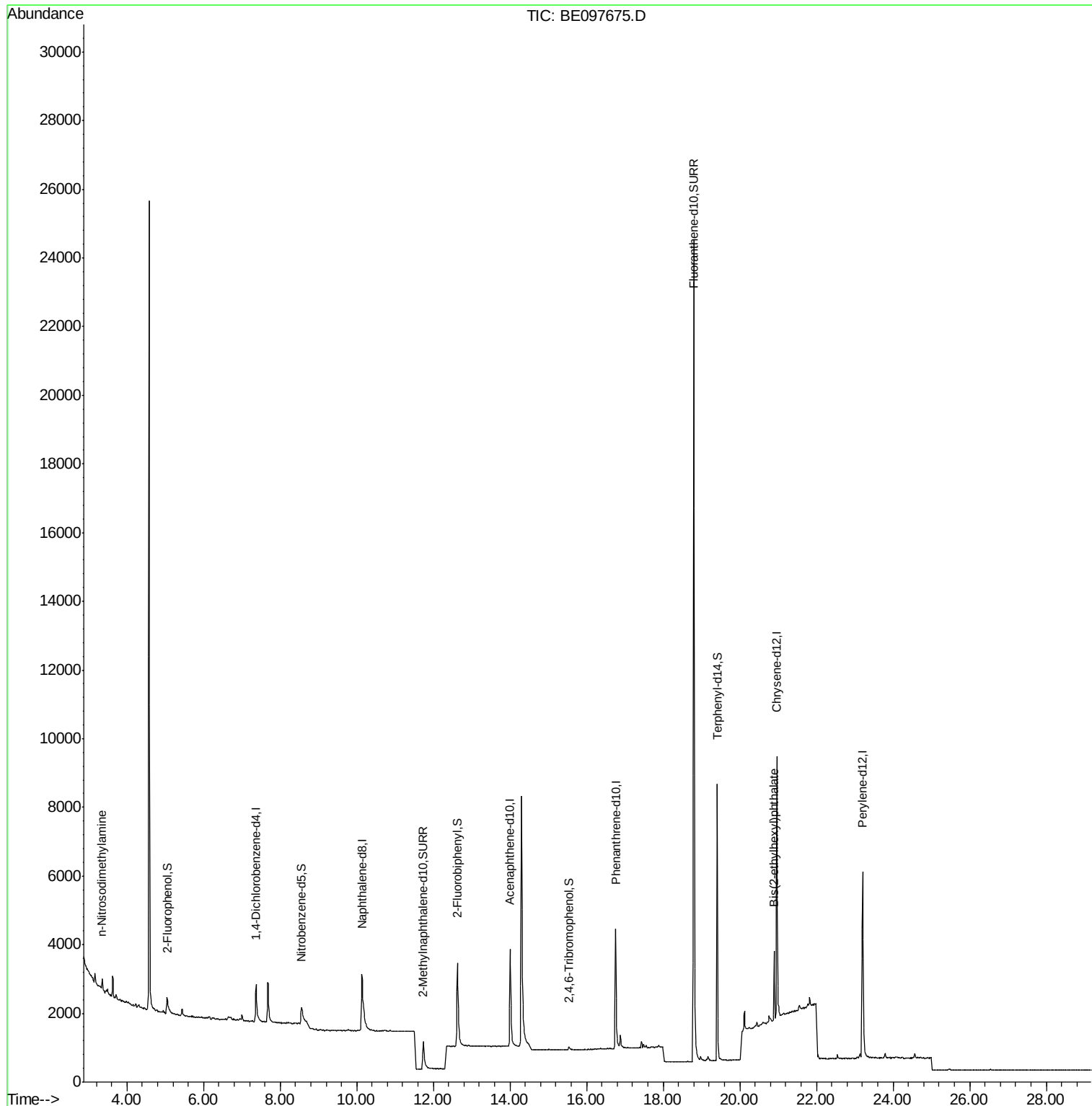
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.35	42	88	0.164	ng	# 9
32) Bis(2-ethylhexyl)phthalate	20.89	149	2428	0.104	ng	# 99

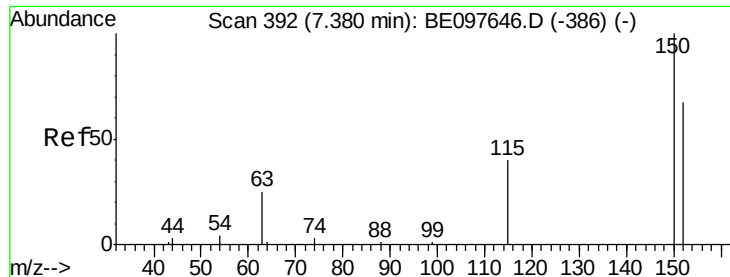
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.38 min Scan# 392

Delta R.T. -0.00 min

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Instrument :

BNA_E

ClientSampleId :

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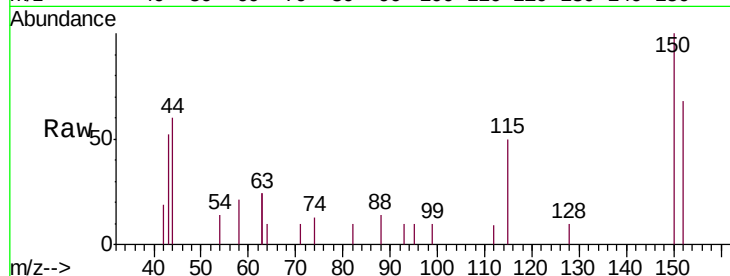
Tgt Ion: 152 Resp: 713

Ion Ratio Lower Upper

152 100

150 147.9 117.2 175.8

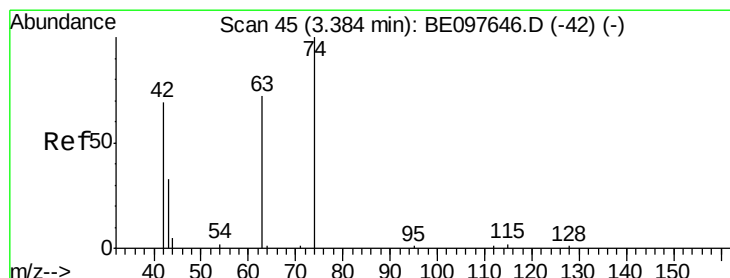
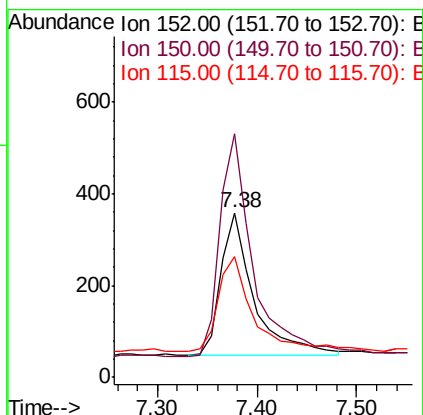
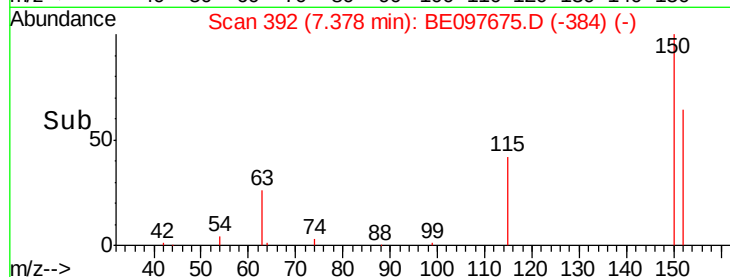
115 73.5 57.0 85.6



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: 0.164 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.04 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

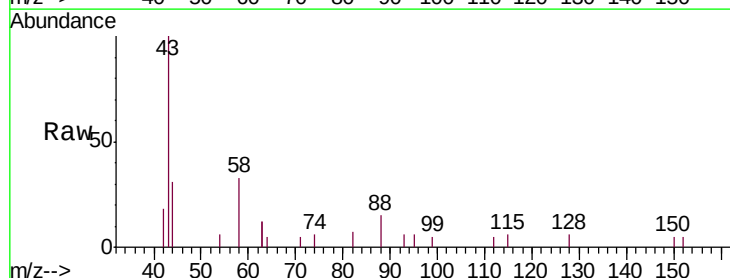
Tgt Ion: 42 Resp: 88

Ion Ratio Lower Upper

42 100

74 11.4 96.0 144.0#

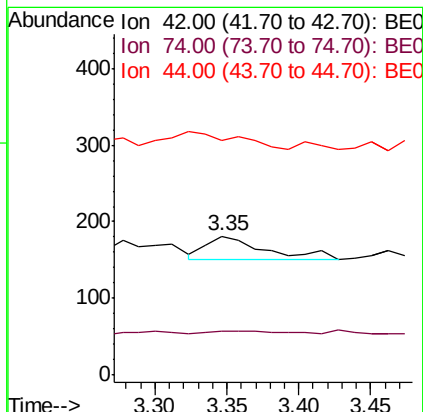
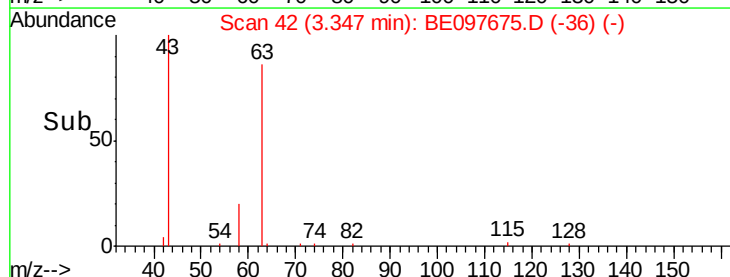
44 0.0 12.0 18.0#

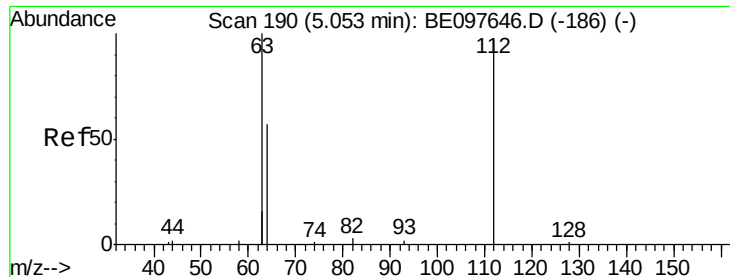


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.216 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Instrument :

BNA_E

ClientSampleId :

BP-TT-EB03-20180919

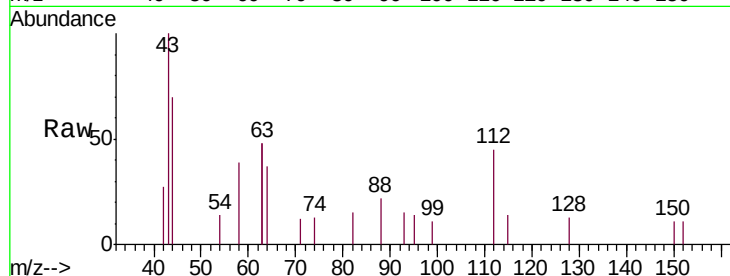
Tgt Ion: 112 Resp: 406

Ion Ratio Lower Upper

112 100

64 71.9 60.1 90.1

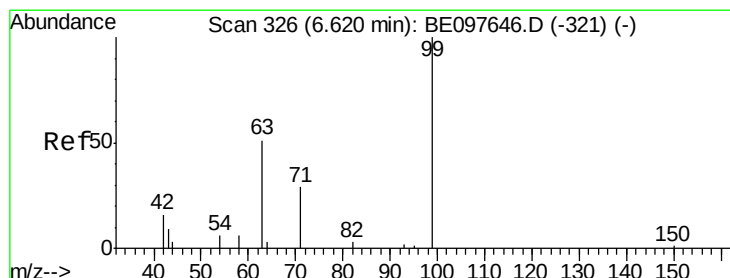
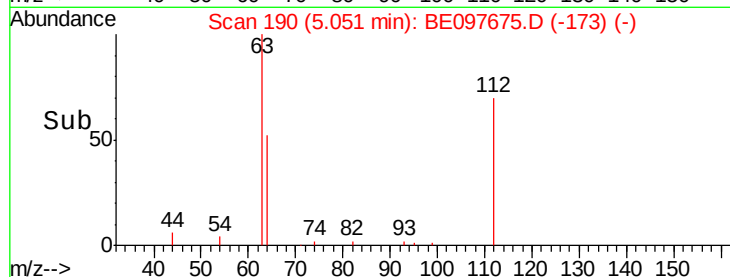
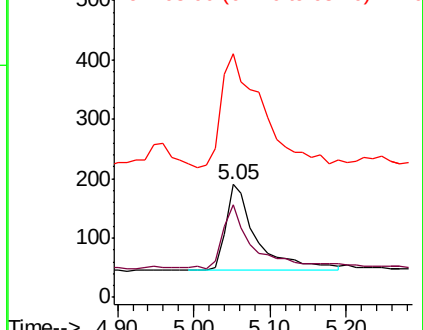
63 184.5 116.8 175.2#



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: 0.051 ng

RT: 6.66 min Scan# 330

Delta R.T. 0.04 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

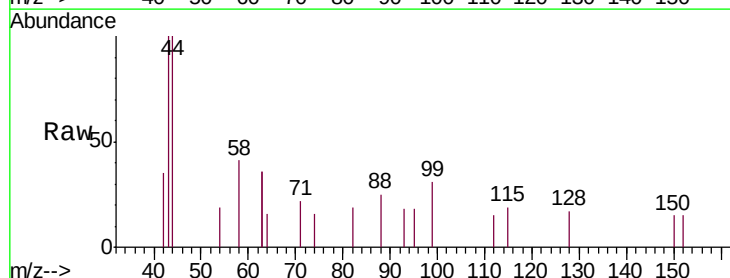
Tgt Ion: 99 Resp: 136

Ion Ratio Lower Upper

99 100

42 0.0 20.2 30.2#

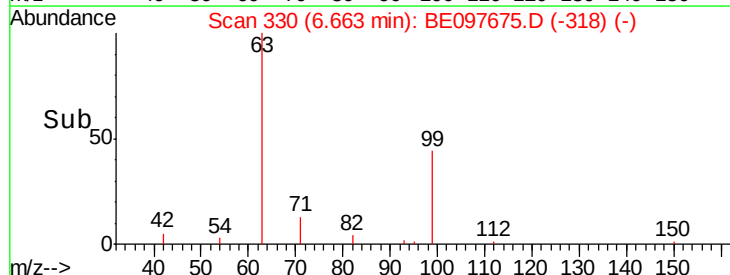
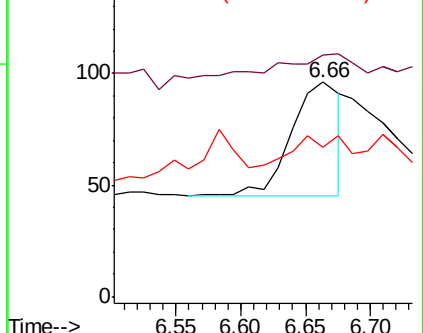
71 15.4 28.4 42.6#

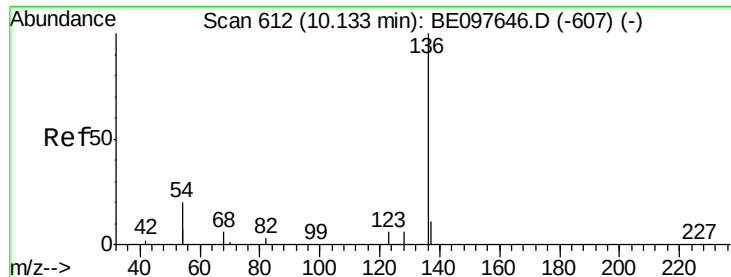


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Instrument :

BNA_E

ClientSampleId :

BP-TT-EB03-20180919

Tgt Ion: 136 Resp: 3324

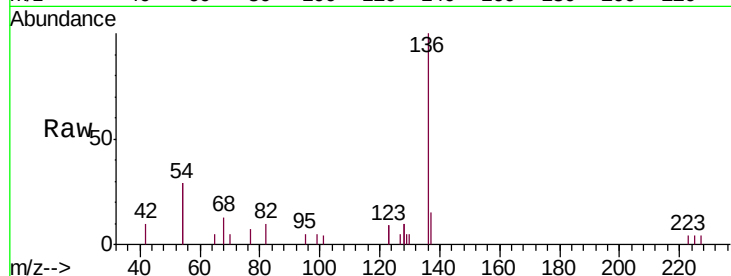
Ion Ratio Lower Upper

136 100

137 14.8 9.5 14.3#

54 58.7 29.1 43.7#

68 12.8 6.2 9.2#



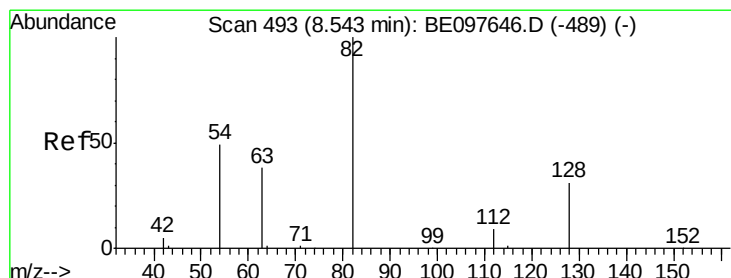
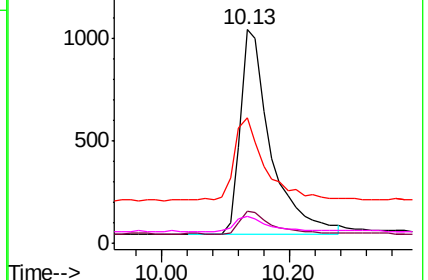
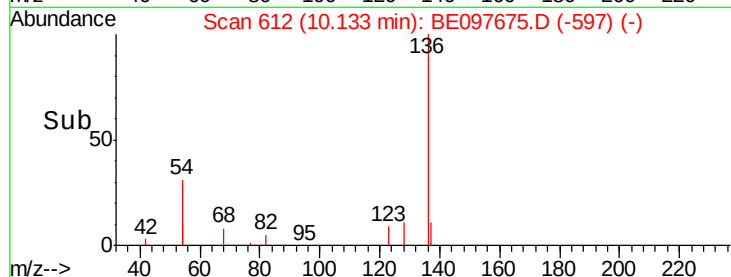
Abundance

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: 0.470 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.01 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

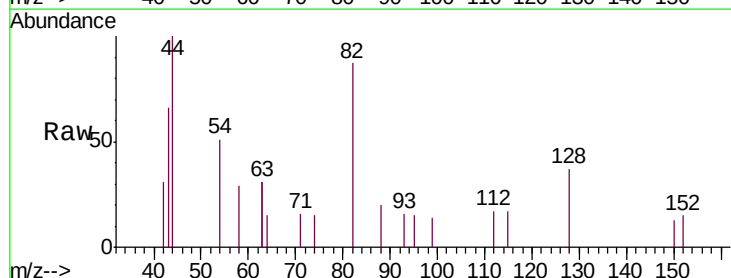
Tgt Ion: 82 Resp: 981

Ion Ratio Lower Upper

82 100

128 42.8 24.0 36.0#

54 58.2 40.0 60.0

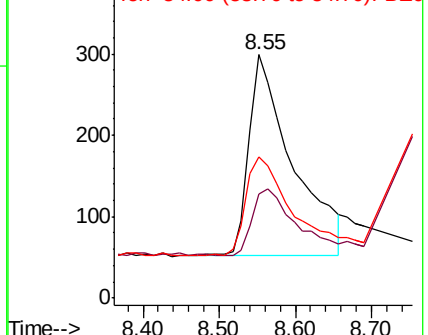
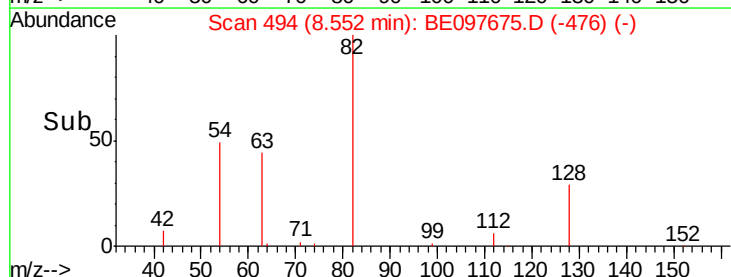


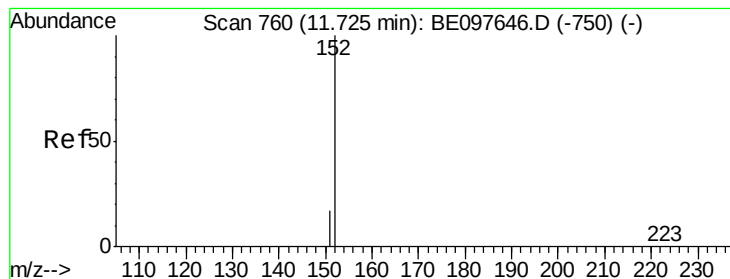
Abundance

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: 11.73 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Instrument :

BNA_E

ClientSampleId :

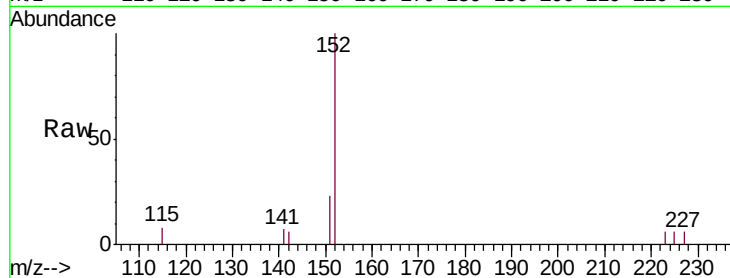
BP-TT-EB03-20180919

Tgt Ion:152 Resp: 2192

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

11.73

800

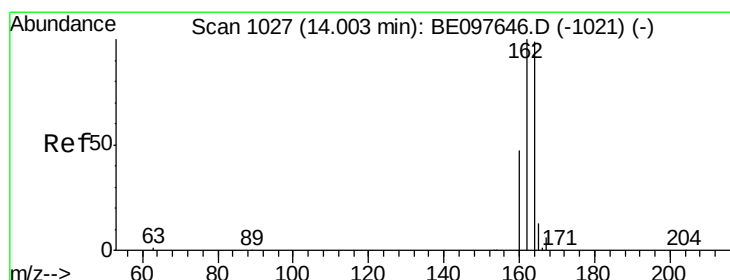
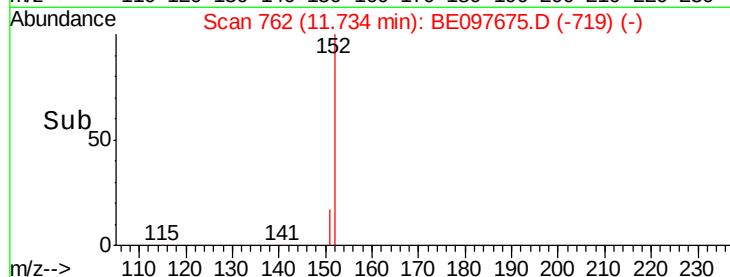
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

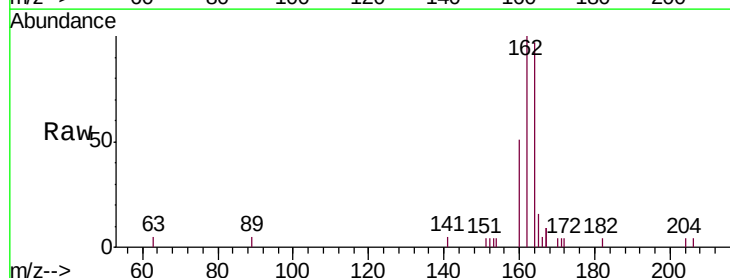
Tgt Ion:164 Resp: 2129

Ion Ratio Lower Upper

164 100

162 102.7 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

14.00

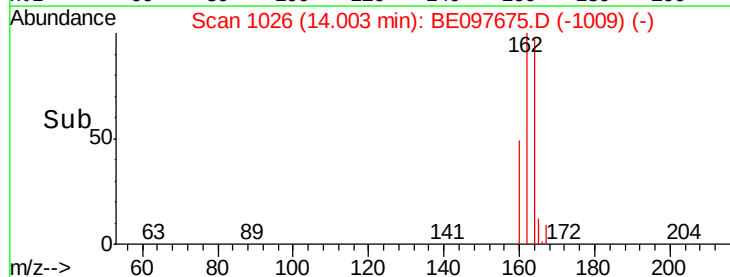
1500

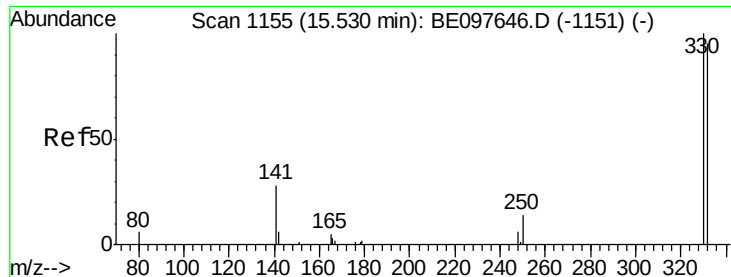
1000

500

0

Time-->

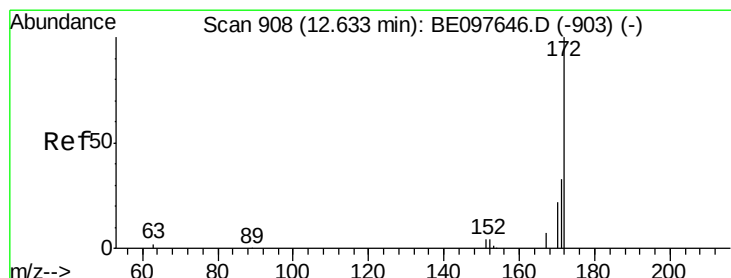
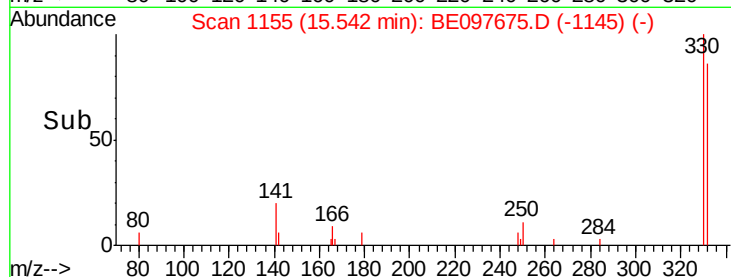
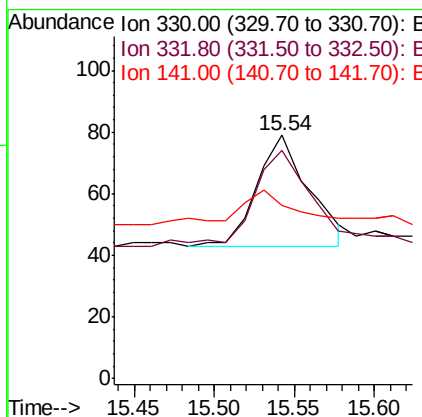
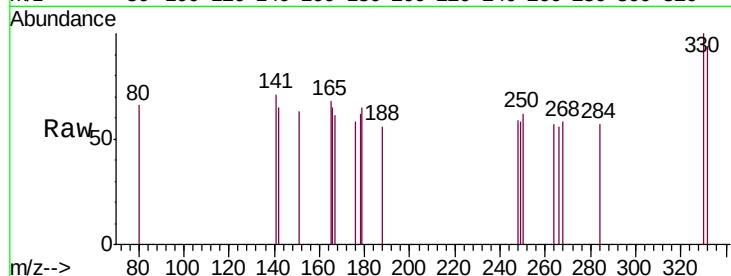




#14
 2,4,6-Tribromophenol
 Concen: 0.153 ng
 RT: 15.54 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097675.D
 Acq: 26 Sep 2018 1:53

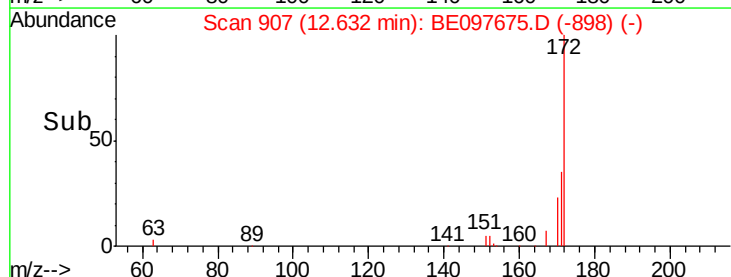
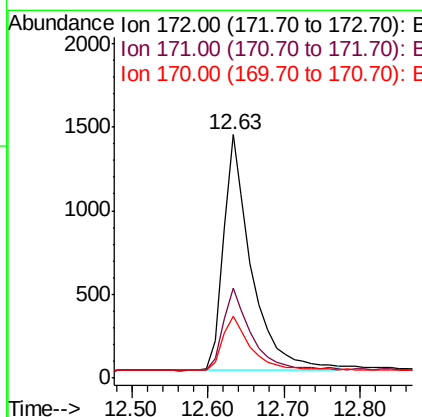
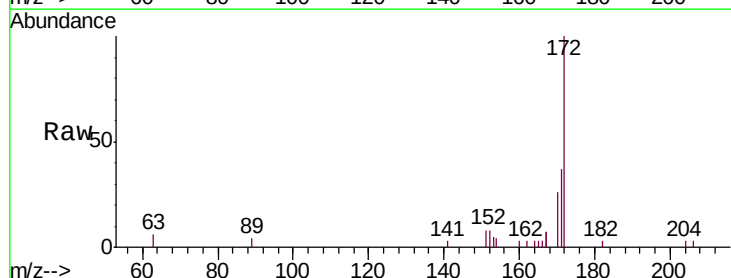
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-EB03-20180919

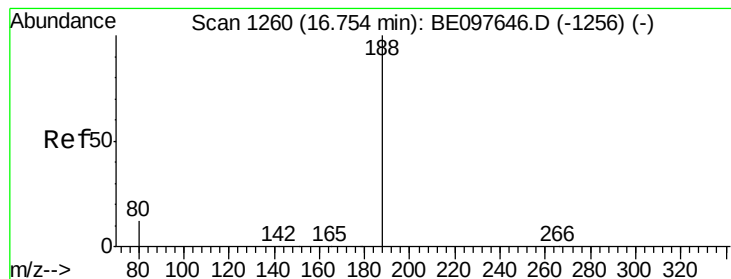
Tgt Ion: 330 Resp: 81
 Ion Ratio Lower Upper
 330 100
 332 93.8 152.7 229.1#
 141 33.3 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.522 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097675.D
 Acq: 26 Sep 2018 1:53

Tgt Ion: 172 Resp: 3626
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.9 44.9
 170 25.5 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Instrument :

BNA_E

ClientSampleId :

BP-TT-EB03-20180919

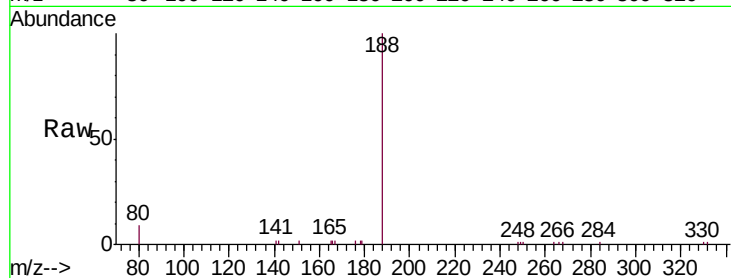
Tgt Ion:188 Resp: 6833

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

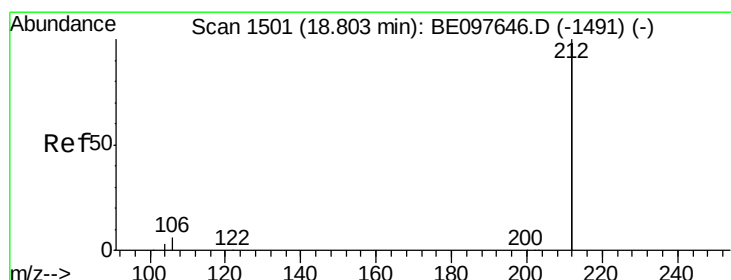
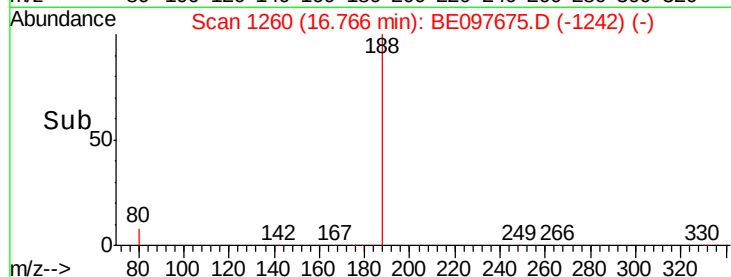
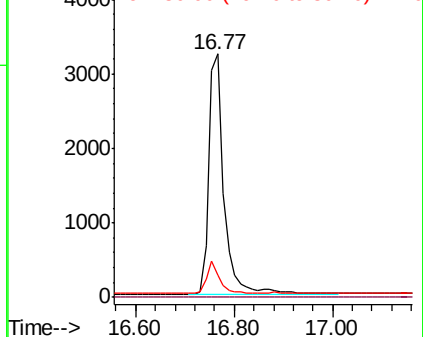
80 9.2 3.6 5.4#



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: 0.511 ng

RT: 18.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

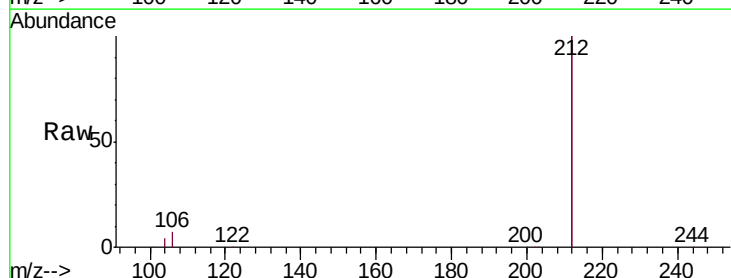
Tgt Ion:212 Resp: 38072

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

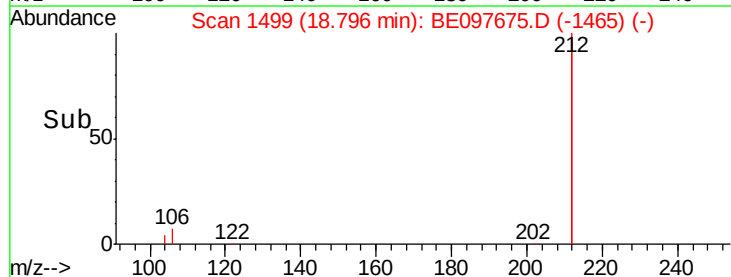
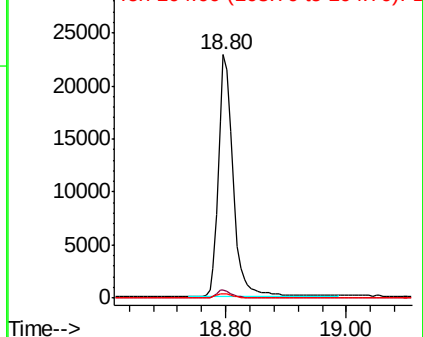
104 1.7 1.6 2.4

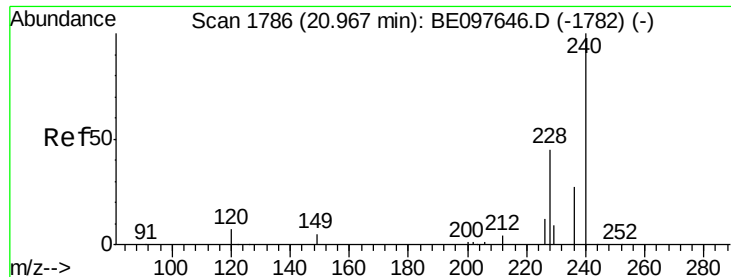


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1785

Delta R.T. 0.00 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Instrument :

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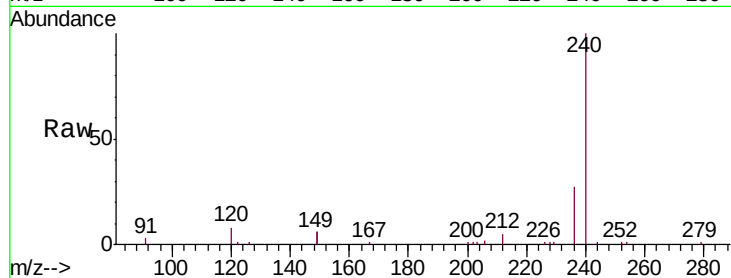
Tgt Ion:240 Resp: 8656

Ion Ratio Lower Upper

240 100

120 8.3 5.5 8.3#

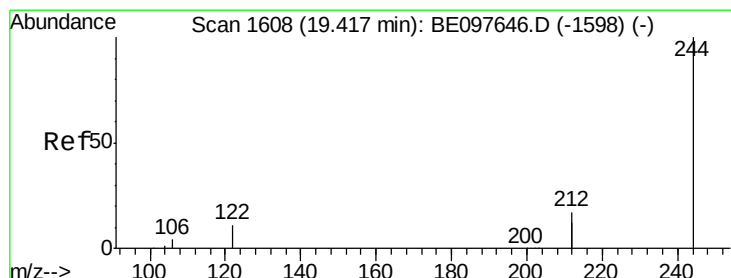
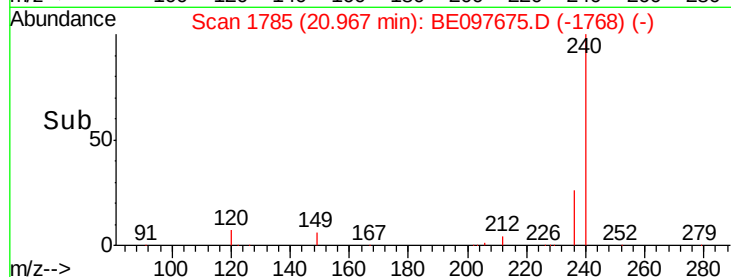
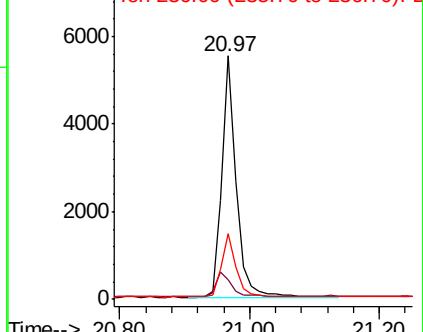
236 26.9 20.7 31.1



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: 0.438 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

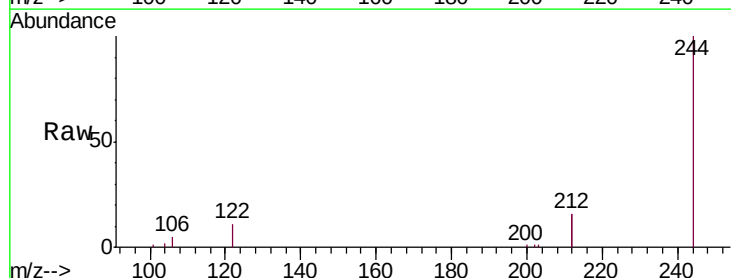
Tgt Ion:244 Resp: 7457

Ion Ratio Lower Upper

244 100

212 31.9 25.4 38.0

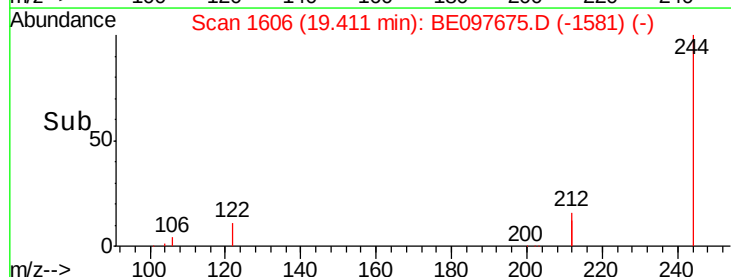
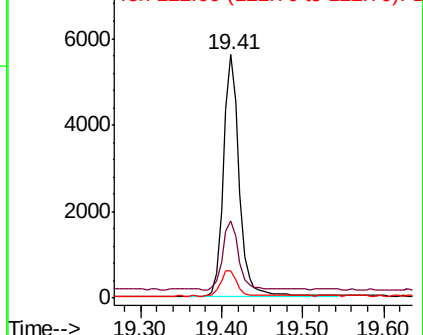
122 11.4 8.1 12.1

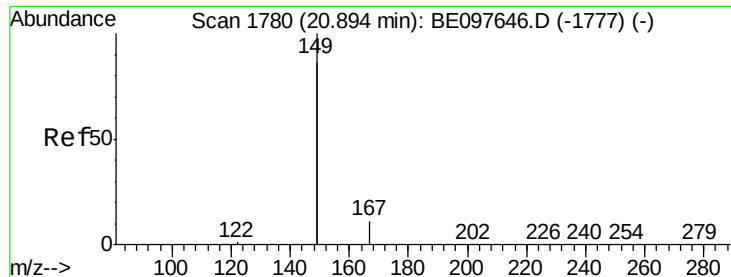


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

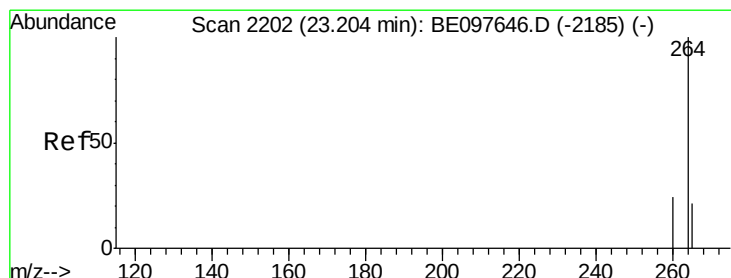
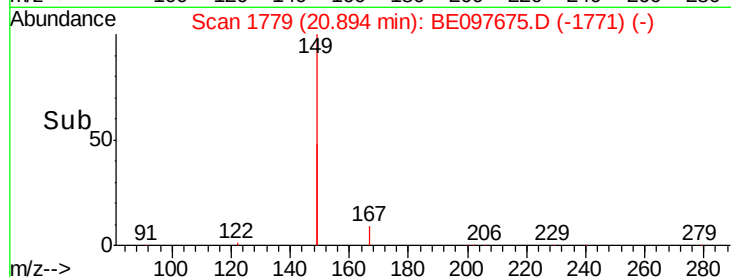
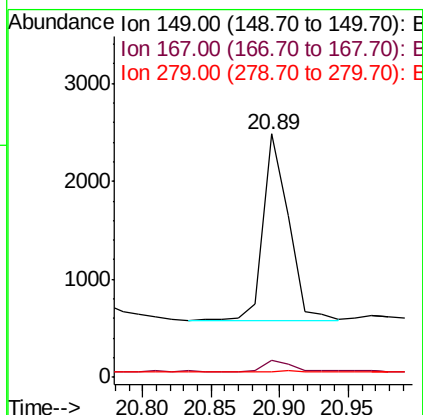
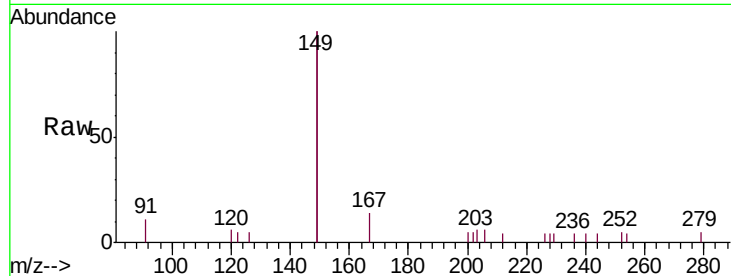




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 20.89 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BE097675.D
 Acq: 26 Sep 2018 1:53

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-EB03-20180919

Tgt Ion: 149 Resp: 2428
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.2 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BE097675.D
 Acq: 26 Sep 2018 1:53

Tgt Ion: 264 Resp: 8572
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.5 30.7
 265 28.7 22.8 34.2

