

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091718\
 Data File : BE097531.D
 Acq On : 18 Sep 2018 13:44
 Operator : SJ/JU
 Sample : J4913-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW302S-20180912

Quant Time: Sep 18 16:17:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

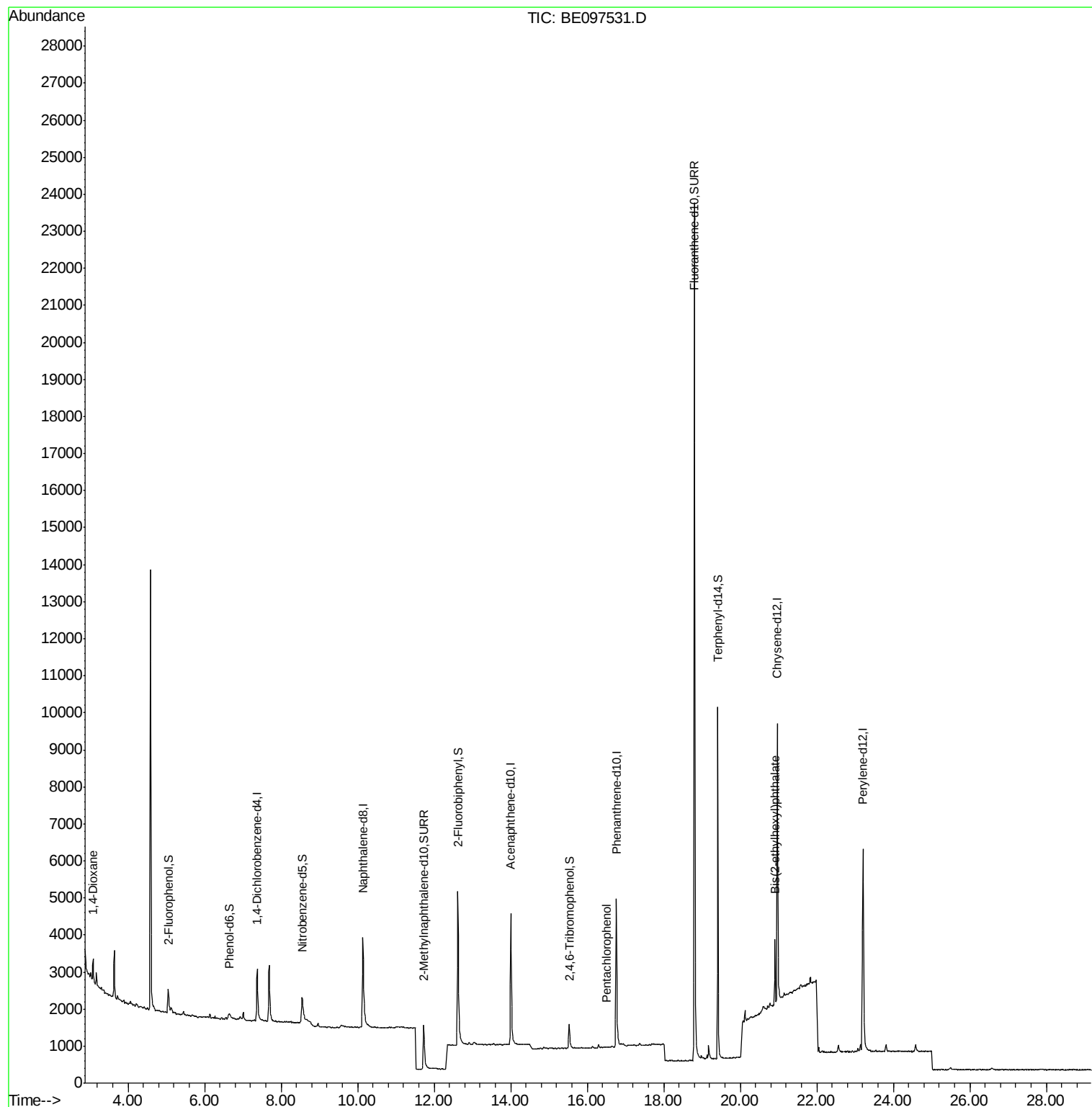
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	880	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4158	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2572	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	6934	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8285	0.40	ng	0.00
34) Perylene-d12	23.21	264	8391	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	531	0.18	ng	0.00
5) Phenol-d6	6.64	99	231	0.06	ng	0.04
8) Nitrobenzene-d5	8.54	82	1283	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	11.72	152	2615	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	531	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	5095	0.57	ng	0.00
25) Fluoranthene-d10	18.80	212	35975	0.43	ng	0.00
29) Terphenyl-d14	19.41	244	8293	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	406	0.267	ng	Qvalue # 77
22) Pentachlorophenol	16.51	266	11	0.065	ng	95
32) Bis(2-ethylhexyl)phthalate	20.91	149	2198	0.047	ng	# 99

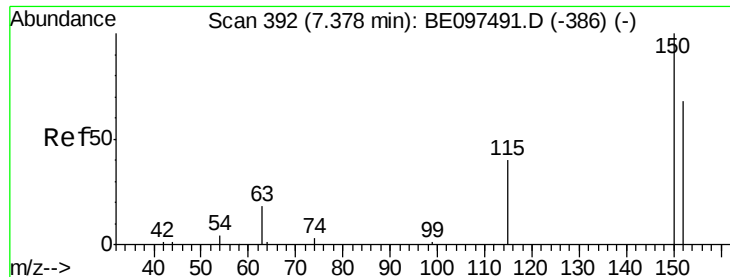
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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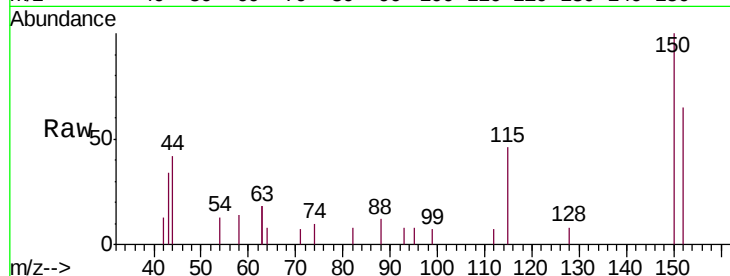


#1

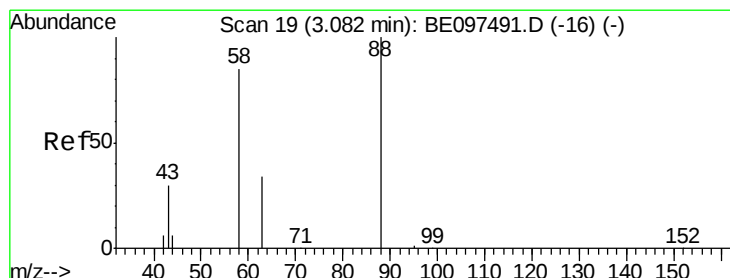
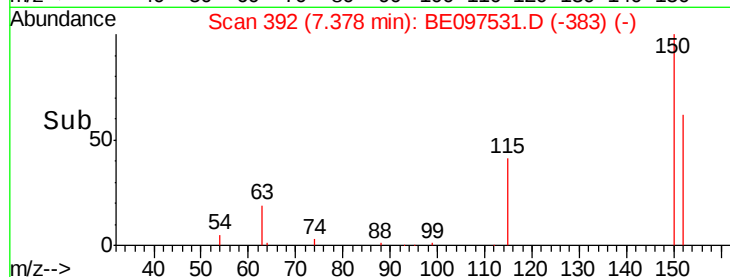
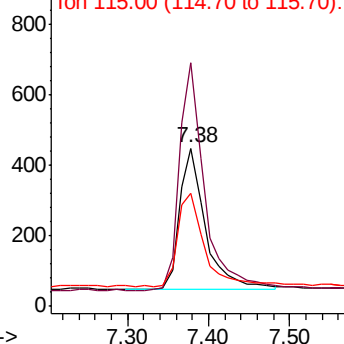
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW302S-20180912

Tgt Ion: 152 Resp: 880
Ion Ratio Lower Upper
152 100
150 153.7 117.2 175.8
115 71.3 57.0 85.6



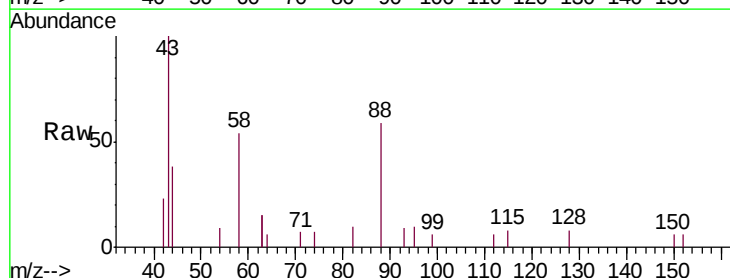
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



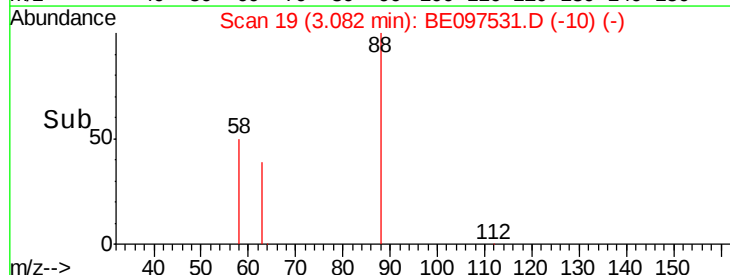
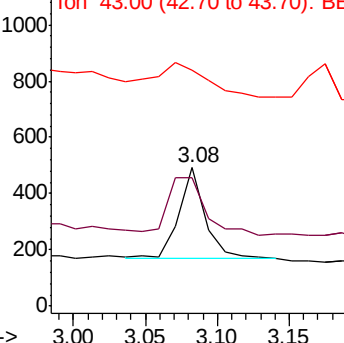
#2

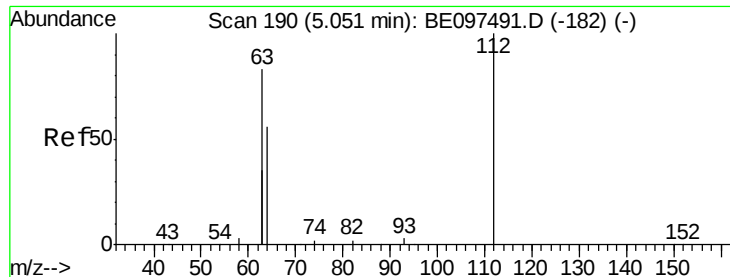
1,4-Dioxane
Concen: 0.267 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097531.D
Acq: 18 Sep 2018 13:44

Tgt Ion: 88 Resp: 406
Ion Ratio Lower Upper
88 100
58 90.1 63.2 94.8
43 78.3 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: 0.178 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW302S-20180912

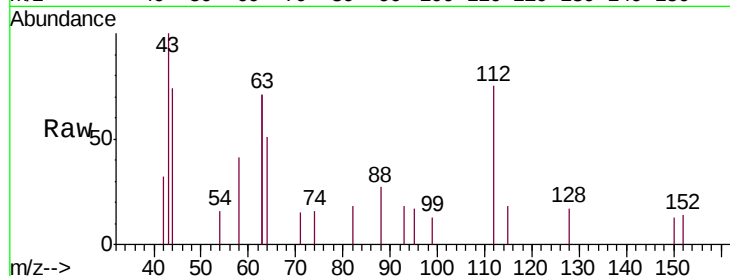
Tgt Ion: 112 Resp: 531

Ion Ratio Lower Upper

112 100

64 65.5 60.1 90.1

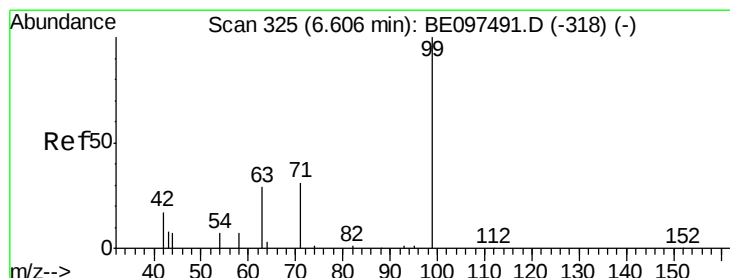
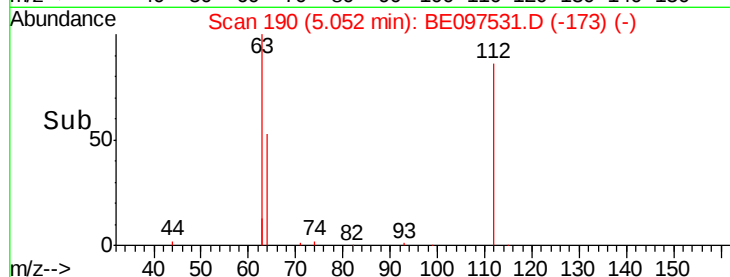
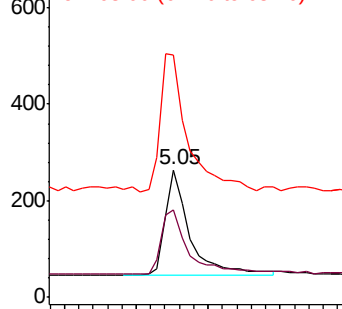
63 143.7 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.061 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.04 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

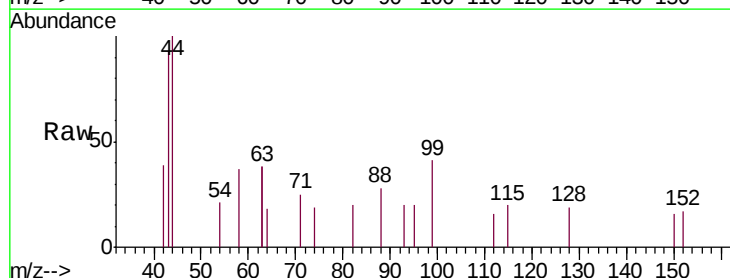
Tgt Ion: 99 Resp: 231

Ion Ratio Lower Upper

99 100

42 36.8 20.2 30.2#

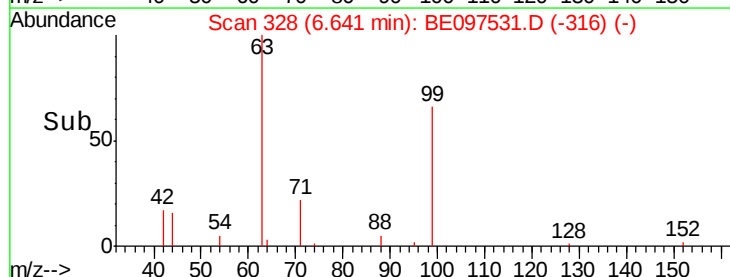
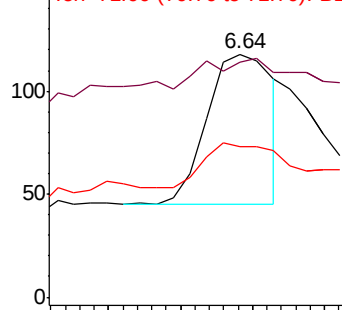
71 0.0 28.4 42.6#

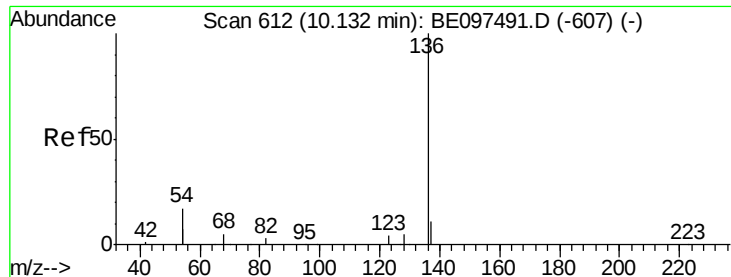


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW302S-20180912

Tgt Ion: 136 Resp: 4158

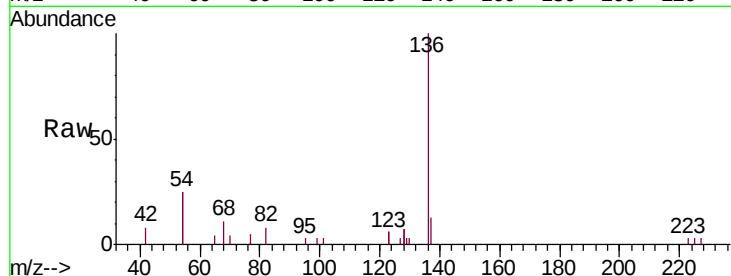
Ion Ratio Lower Upper

136 100

137 13.2 9.5 14.3

54 50.4 29.1 43.7#

68 10.5 6.2 9.2#

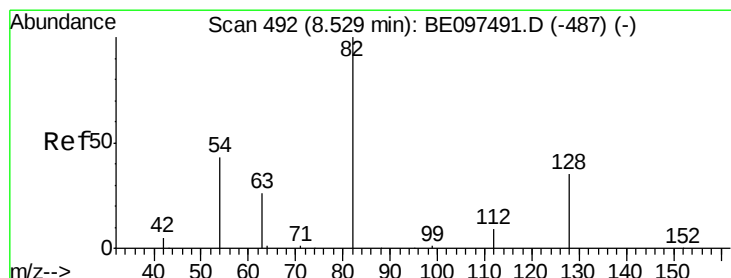
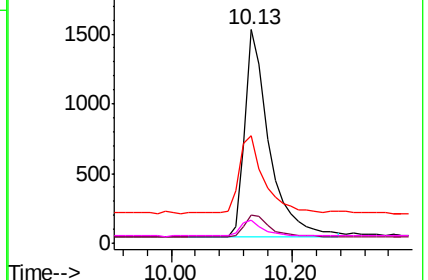
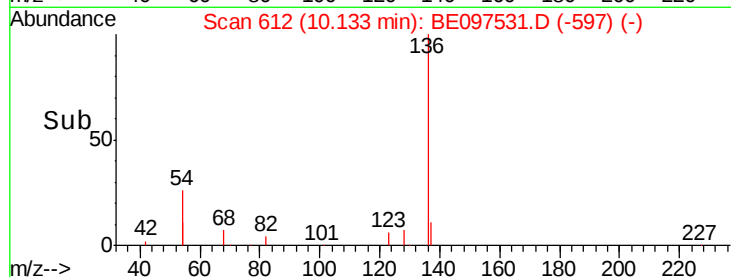


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.383 ng

RT: 8.54 min Scan# 493

Delta R.T. 0.01 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

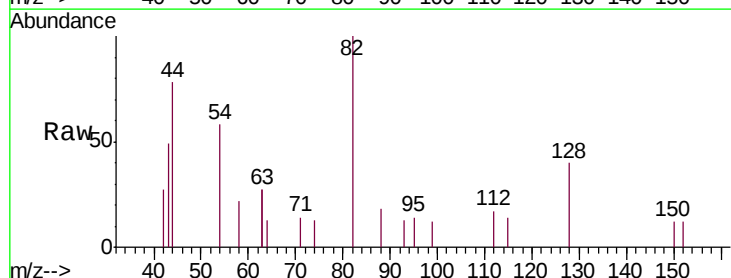
Tgt Ion: 82 Resp: 1283

Ion Ratio Lower Upper

82 100

128 39.9 24.0 36.0#

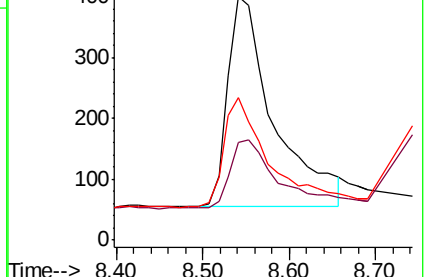
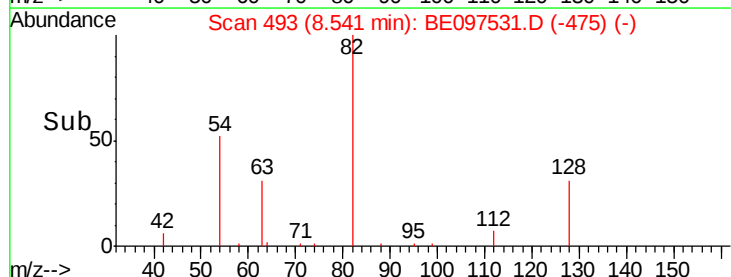
54 58.4 40.0 60.0

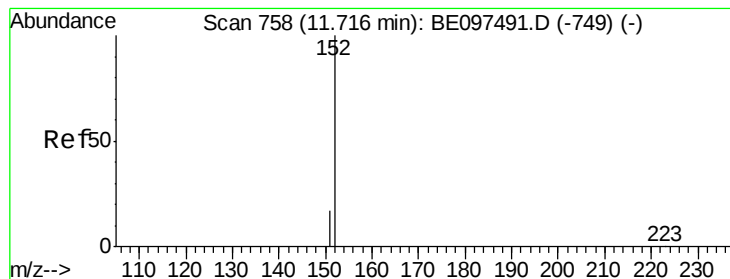


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.440 ng

RT: 11.72 min Scan# 760

Delta R.T. 0.01 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

Instrument :

BNA_E

ClientSampleId :

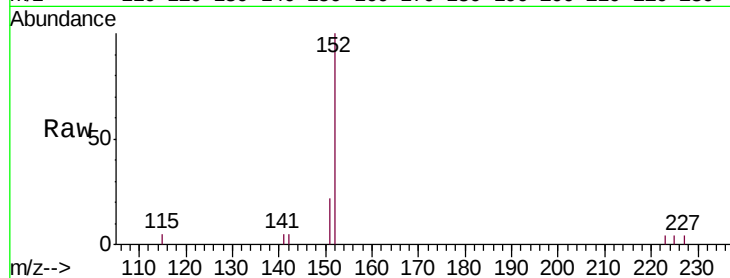
BPSI-TT-MW302S-20180912

Tgt Ion:152 Resp: 2615

Ion Ratio Lower Upper

152 100

151 18.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.72

1200

1000

800

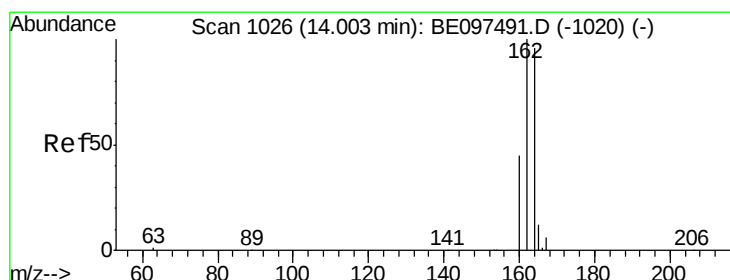
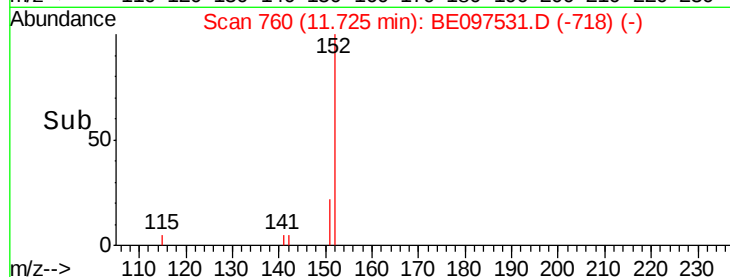
600

400

200

0

Time--> 11.60 11.70 11.80 11.90



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

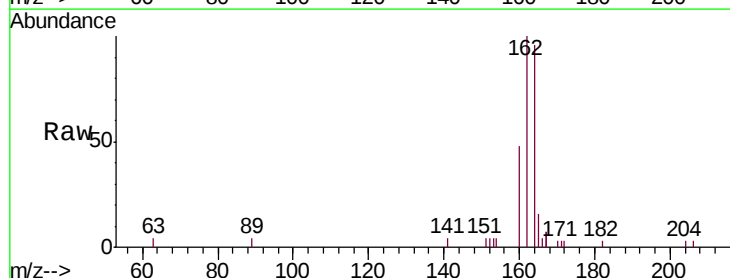
Tgt Ion:164 Resp: 2572

Ion Ratio Lower Upper

164 100

162 103.6 83.1 124.7

160 49.9 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

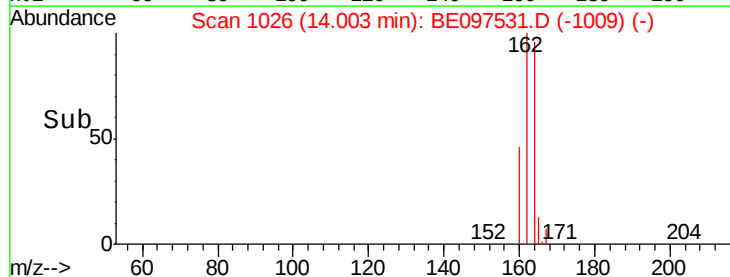
1500

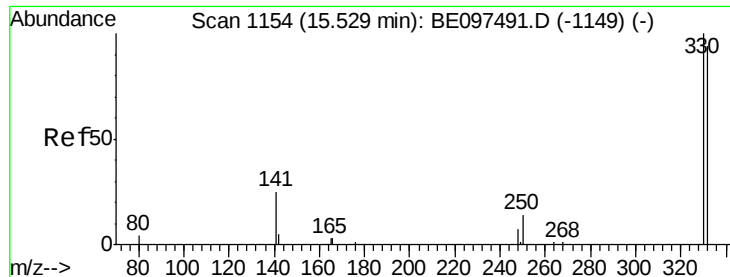
1000

500

0

Time--> 14.00 14.20





#14

2,4,6-Tribromophenol

Concen: 0.391 ng

RT: 15.53 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

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ClientSampleId :

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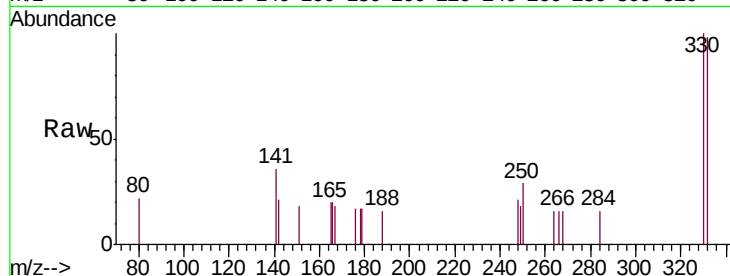
Tgt Ion:330 Resp: 531

Ion Ratio Lower Upper

330 100

332 94.2 152.7 229.1#

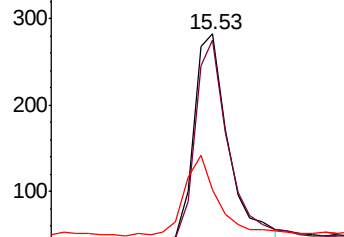
141 38.2 33.7 50.5



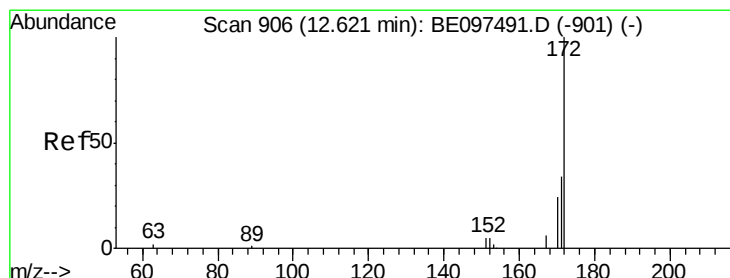
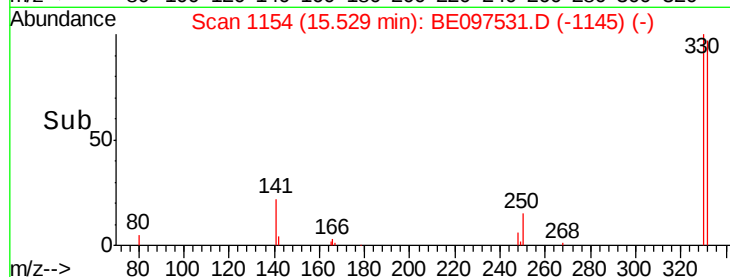
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.567 ng

RT: 12.62 min Scan# 906

Delta R.T. -0.00 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

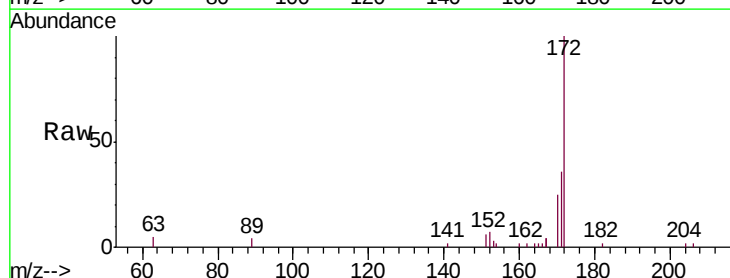
Tgt Ion:172 Resp: 5095

Ion Ratio Lower Upper

172 100

171 36.2 29.9 44.9

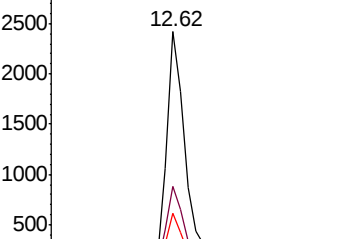
170 25.2 21.8 32.8



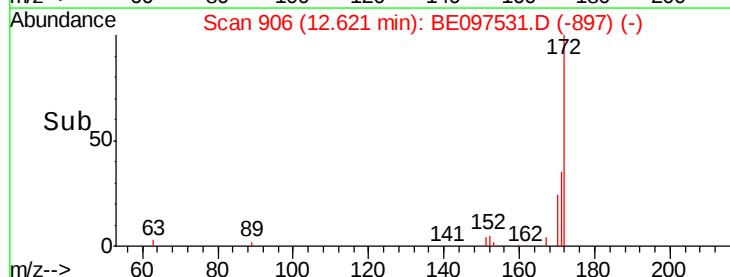
Abundance Ion 172.00 (171.70 to 172.70): E

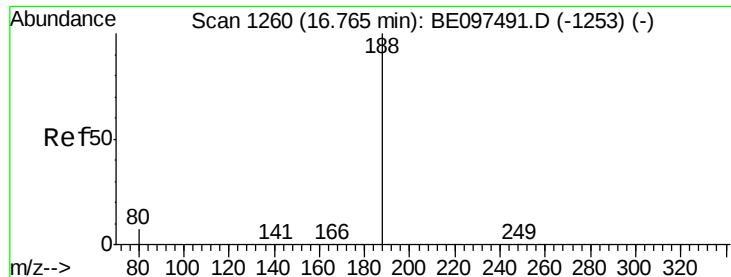
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097531.D

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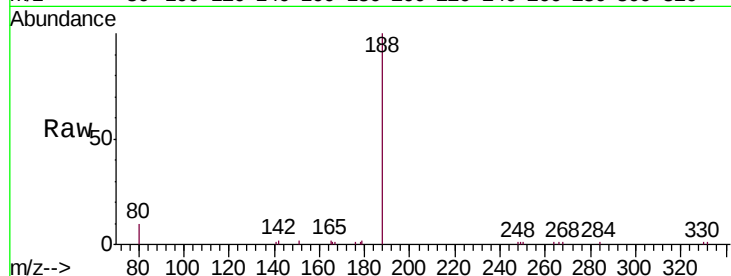
Tgt Ion:188 Resp: 6934

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

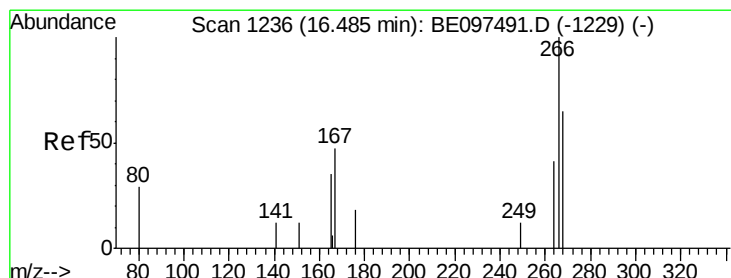
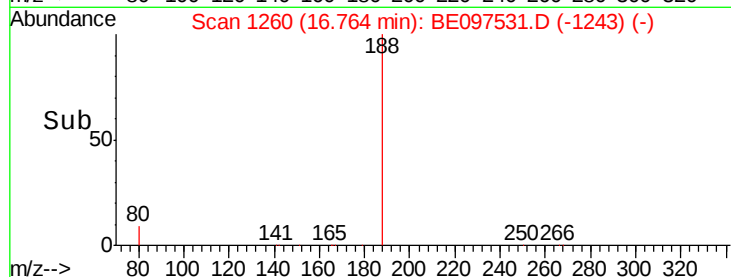
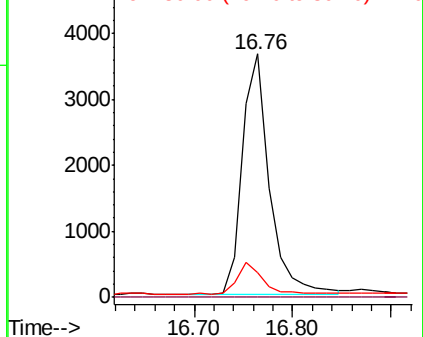
80 10.3 3.6 5.4#



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



#22

Pentachlorophenol

Concen: 0.065 ng

RT: 16.51 min Scan# 1238

Delta R.T. 0.02 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

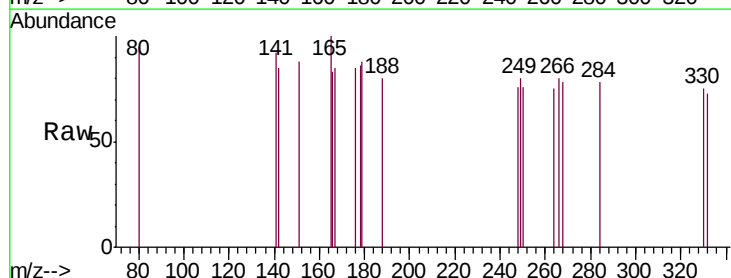
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 93.6 72.5 108.7

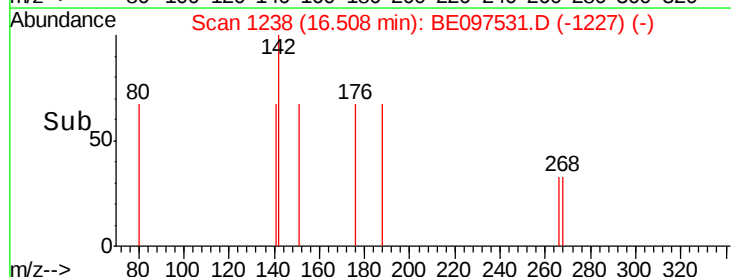
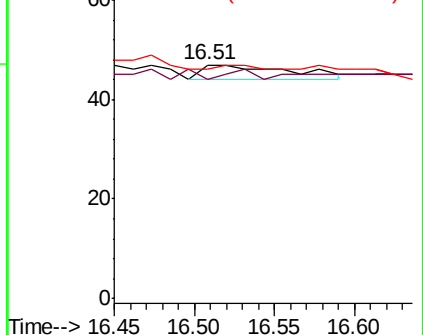
268 97.9 73.8 110.6

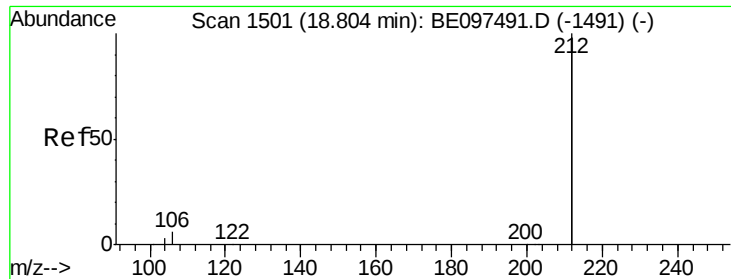


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.432 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097531.D

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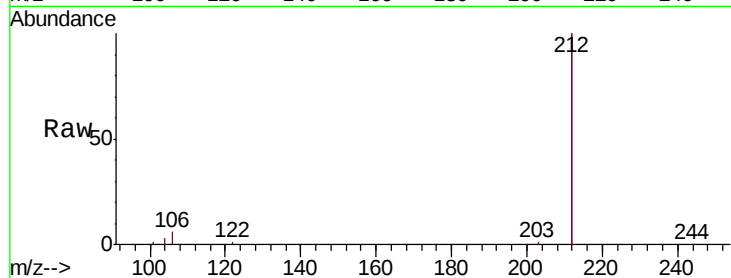
Tgt Ion:212 Resp: 35975

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

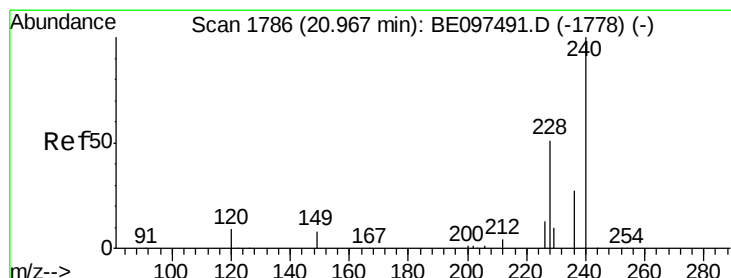
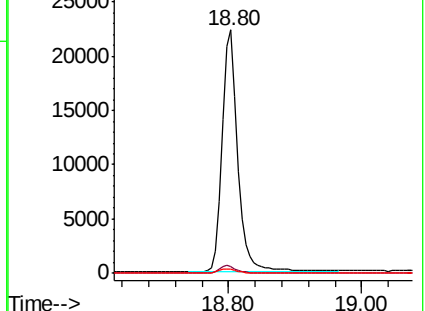
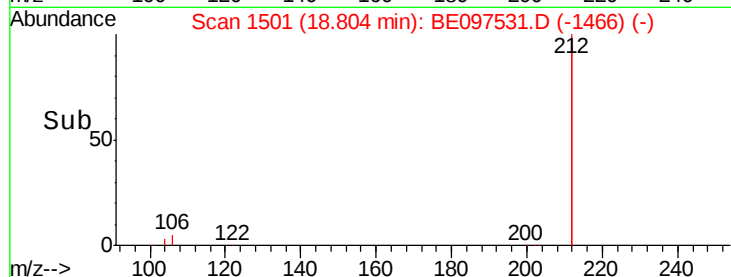
104 1.8 1.6 2.4



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: BE097531.D

Acq: 18 Sep 2018 13:44

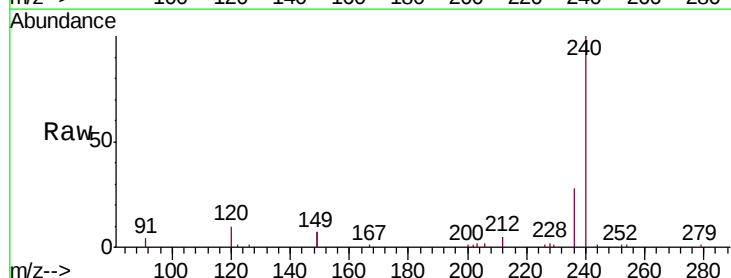
Tgt Ion:240 Resp: 8285

Ion Ratio Lower Upper

240 100

120 10.2 5.5 8.3#

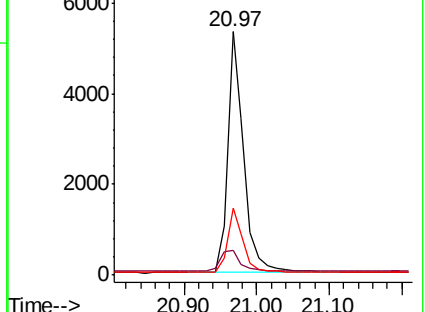
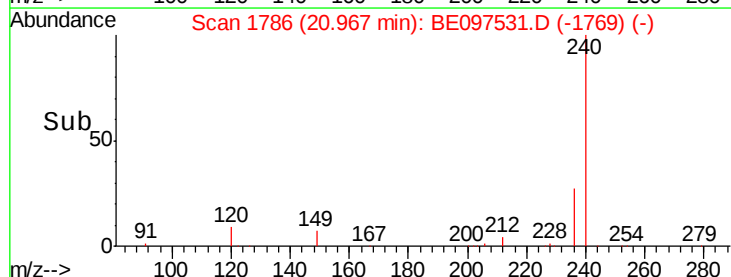
236 27.7 20.7 31.1

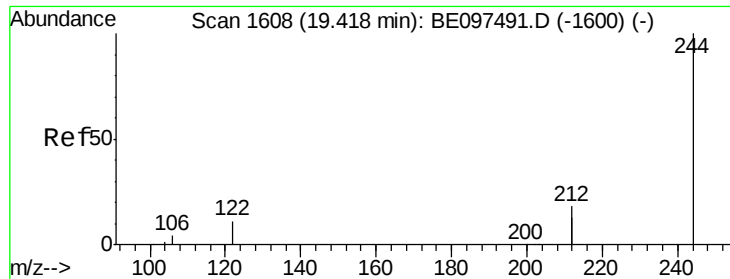


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.523 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW302S-20180912

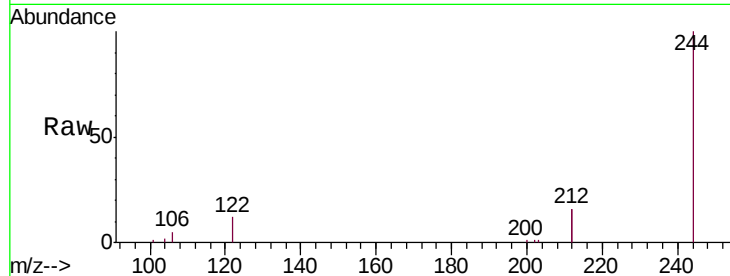
Tgt Ion:244 Resp: 8293

Ion Ratio Lower Upper

244 100

212 32.5 25.4 38.0

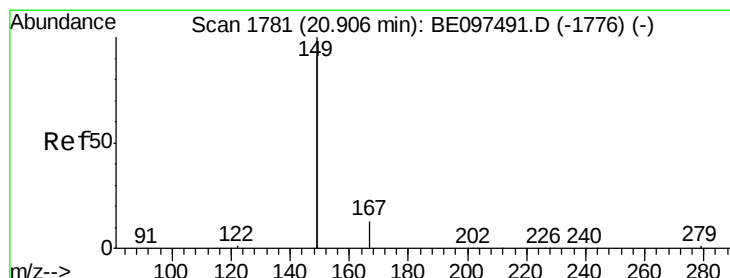
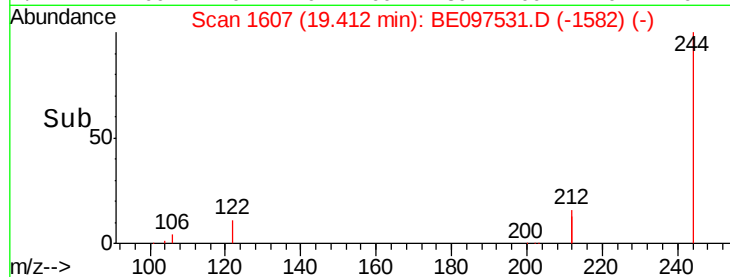
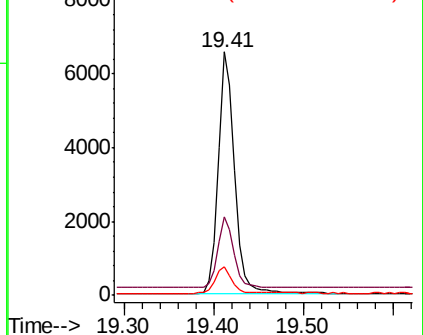
122 11.6 8.1 12.1



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: 0.047 ng

RT: 20.91 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

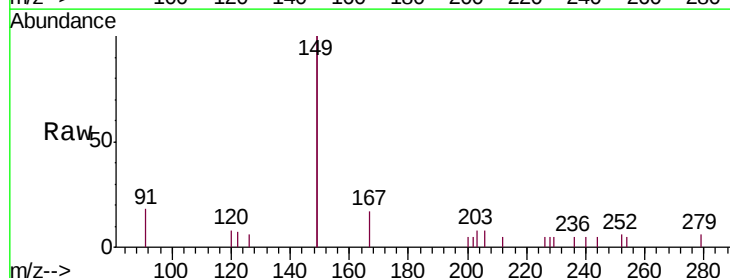
Tgt Ion:149 Resp: 2198

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

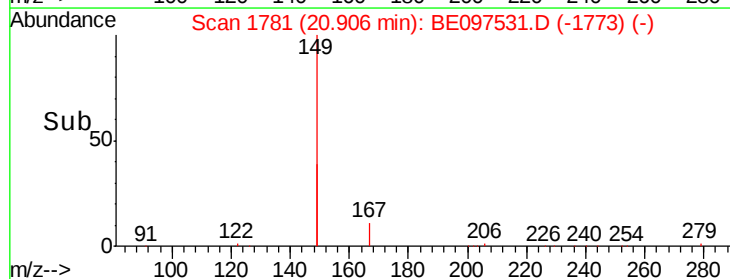
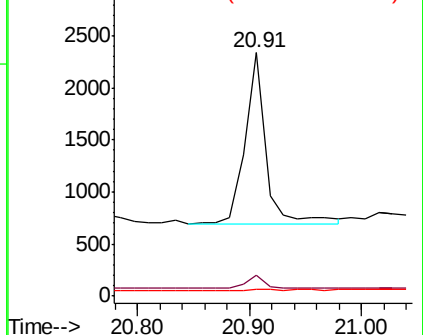
279 1.3 0.7 1.1#

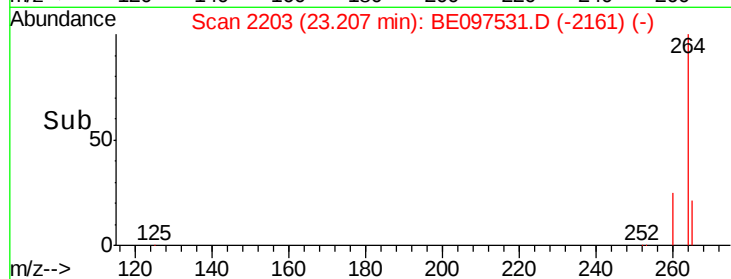
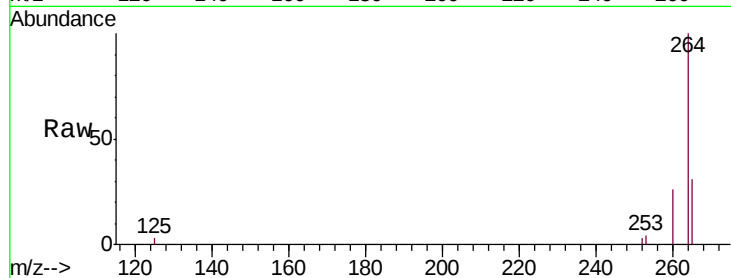
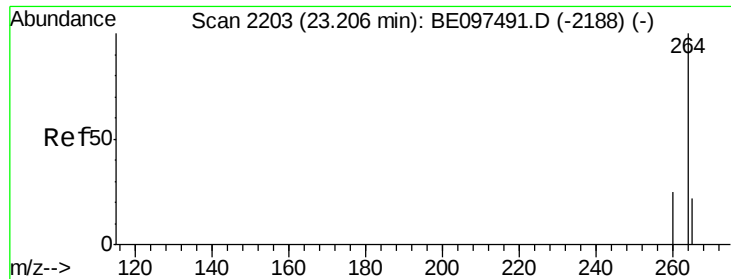


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.21 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BE097531.D

Acq: 18 Sep 2018 13:44

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW302S-20180912

Tgt Ion: 264 Resp: 8391

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 31.0 22.8 34.2

