

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050218\
 Data File : BE096300.D
 Acq On : 2 May 2018 18:54
 Operator : SJ/JU
 Sample : J2641-14DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20180427DL

Quant Time: May 03 02:29:32 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

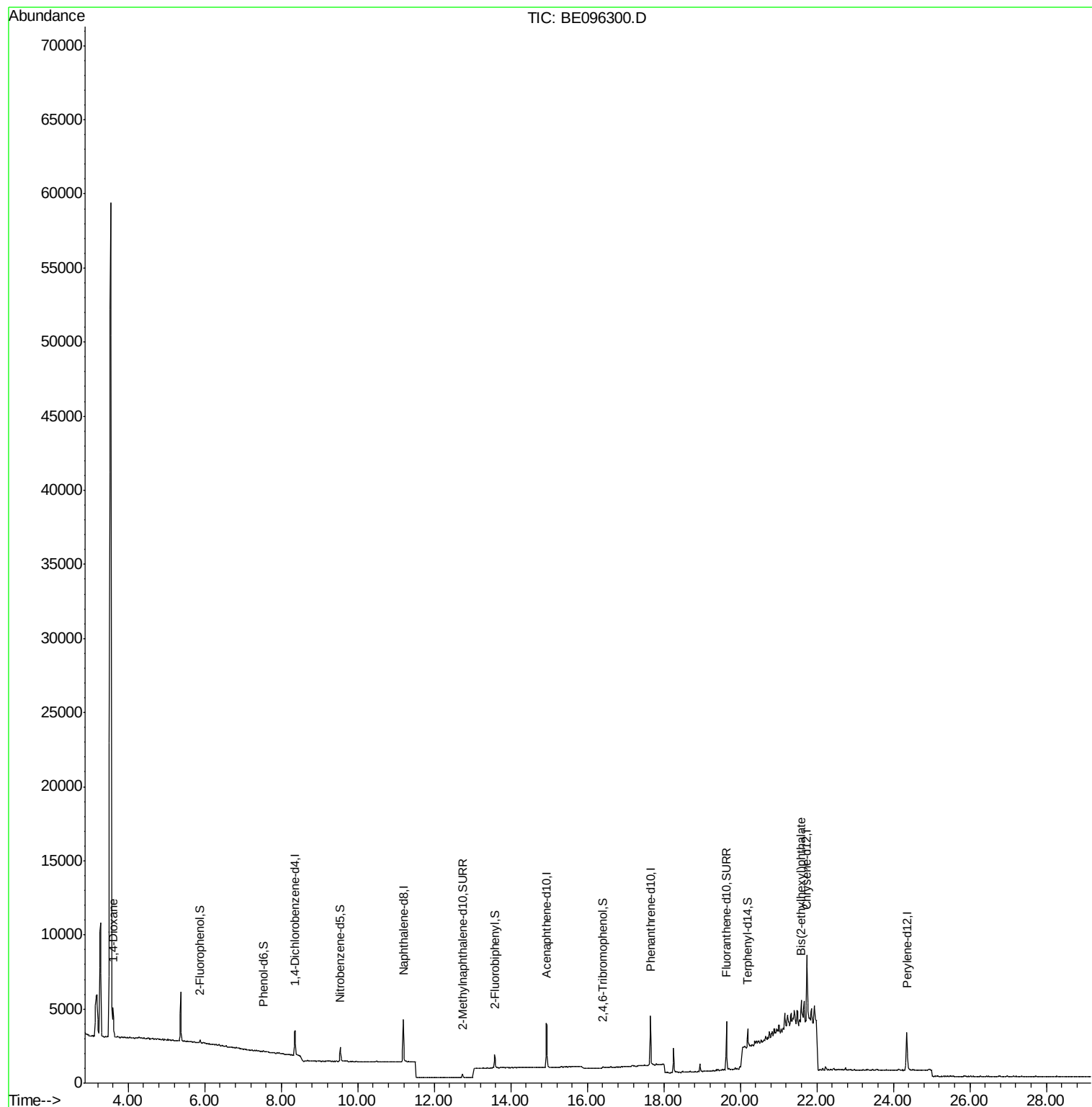
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	890	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3480	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1949	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4555	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4465	0.40	ng	0.00
34) Perylene-d12	24.35	264	4220	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	91	0.03	ng	0.01
5) Phenol-d6	7.53	99	77	0.02	ng	0.02
8) Nitrobenzene-d5	9.54	82	407	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	383	0.07	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	61	0.06	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	887	0.11	ng	0.00
25) Fluoranthene-d10	19.64	212	4365	0.07	ng	0.00
29) Terphenyl-d14	20.19	244	1150	0.12	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	1295	0.942	ng	93
32) Bis(2-ethylhexyl)phthalate	21.60	149	1426	0.039	ng	# 98

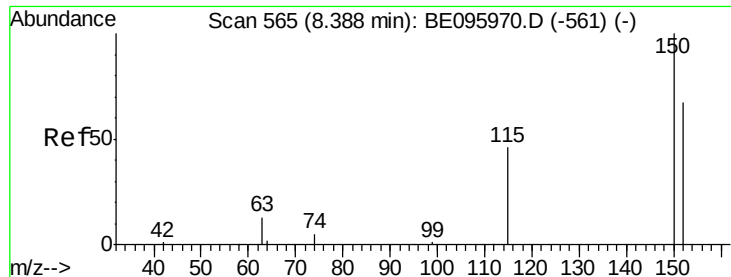
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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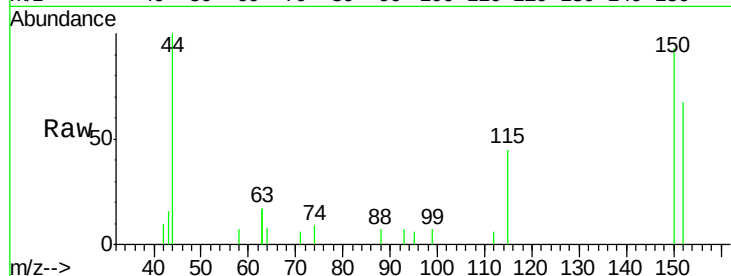


#1

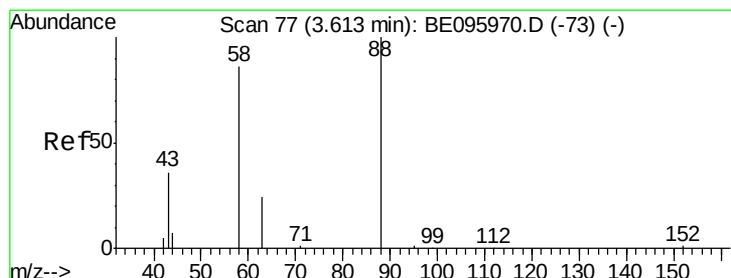
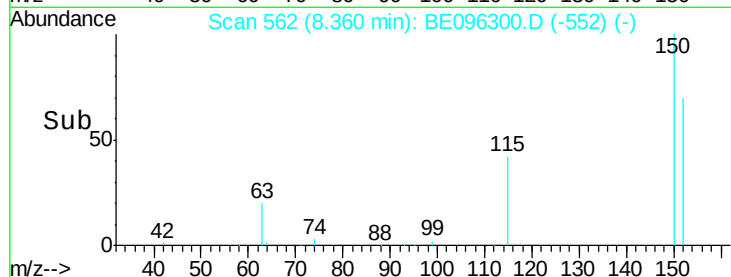
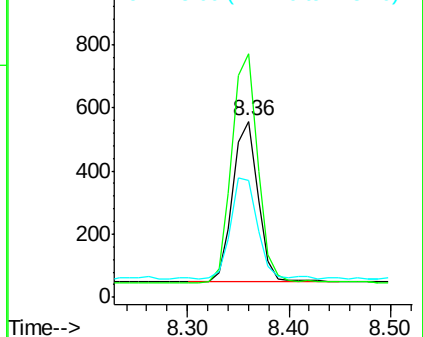
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096300.D
Acq: 2 May 2018 18:54

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20180427DL

Tot Ion:152 Resp: 890
Ion Ratio Lower Upper
152 100
150 138.2 117.2 175.8
115 66.2 57.0 85.6



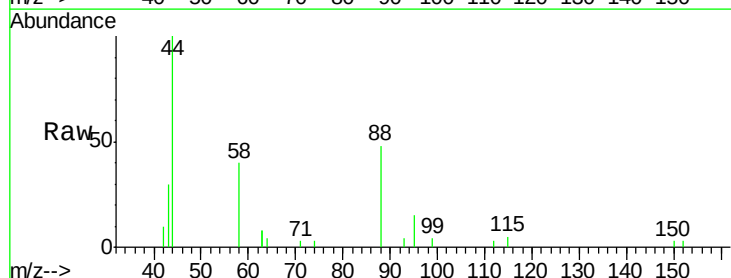
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



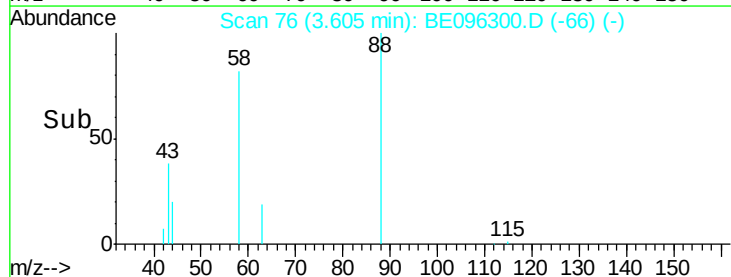
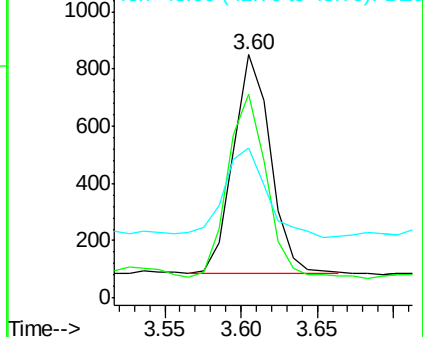
#2

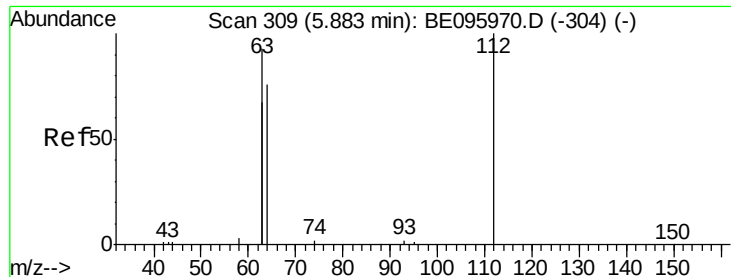
1,4-Dioxane
Concen: 0.942 ng
RT: 3.60 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096300.D
Acq: 2 May 2018 18:54

Tgt Ion: 88 Resp: 1295
Ion Ratio Lower Upper
88 100
58 86.1 63.2 94.8
43 47.5 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: 0.033 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180427DL

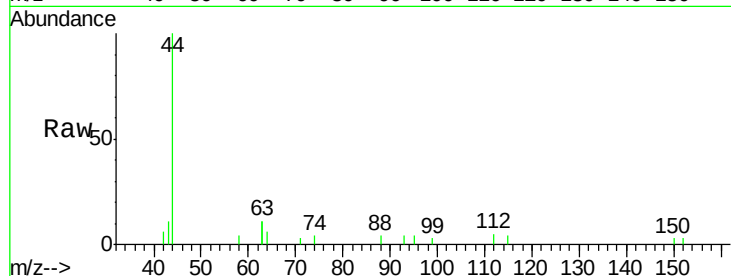
Tot Ion: 112 Resp: 91

Ion Ratio Lower Upper

112 100

64 107.7 60.1 90.1#

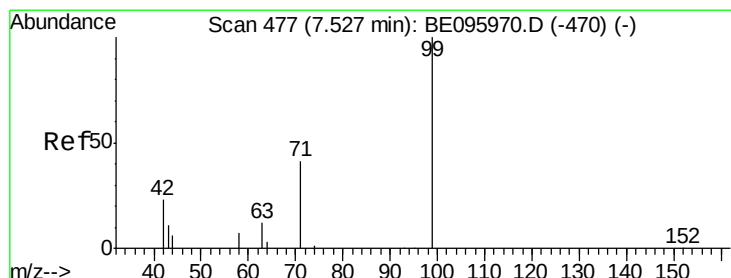
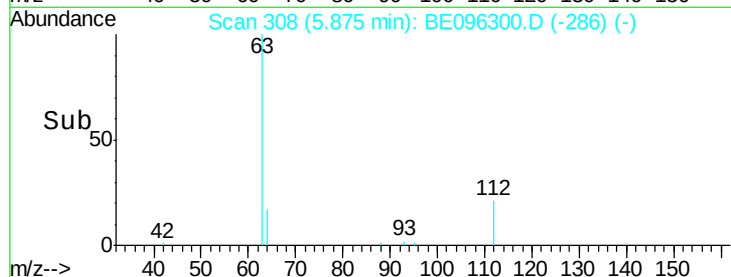
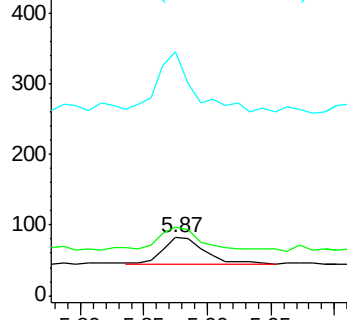
63 192.3 116.8 175.2#



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: 0.020 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

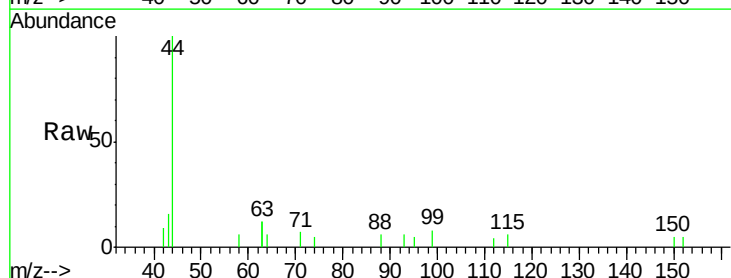
Tgt Ion: 99 Resp: 77

Ion Ratio Lower Upper

99 100

42 29.9 20.2 30.2

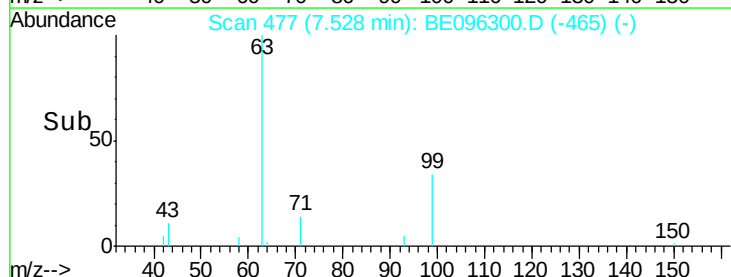
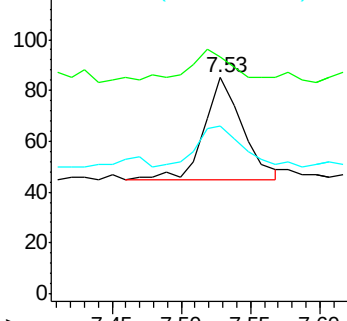
71 46.8 28.4 42.6#

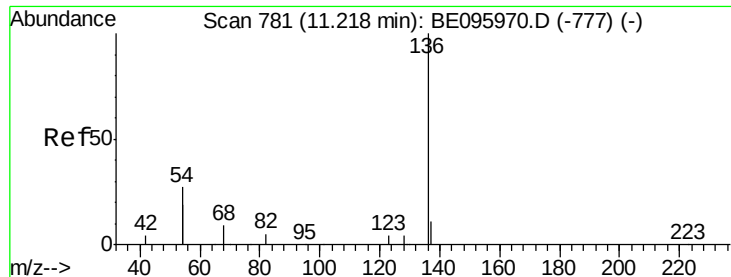


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180427DL

Tot Ion:136 Resp: 3480

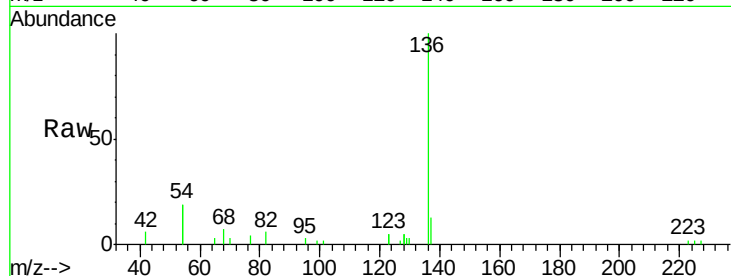
Ion Ratio Lower Upper

136 100

137 13.1 9.5 14.3

54 37.5 29.1 43.7

68 6.9 6.2 9.2

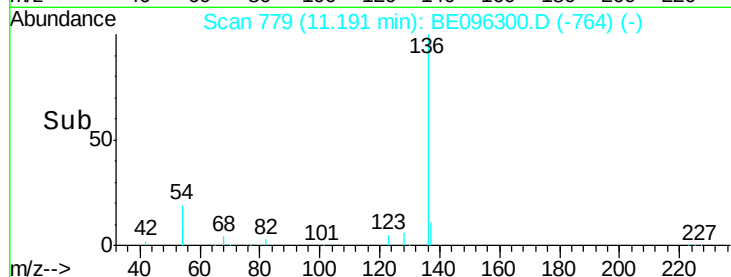


Abundance Ion 136.00 (135.70 to 136.70): E

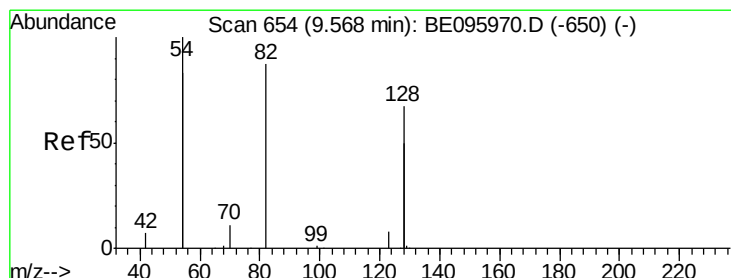
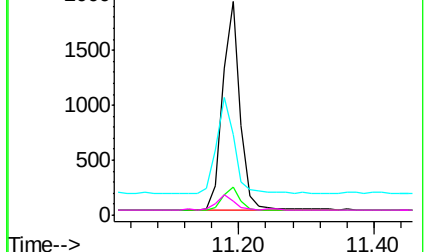
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.100 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

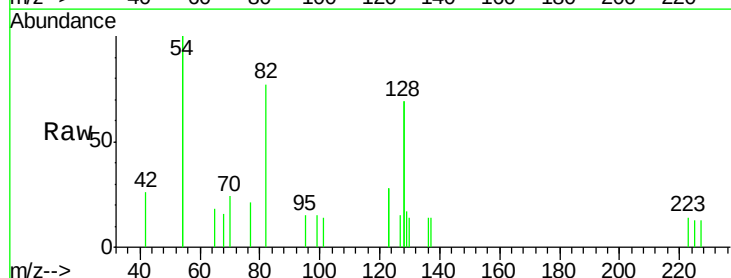
Tgt Ion: 82 Resp: 407

Ion Ratio Lower Upper

82 100

128 179.5 150.0 225.0

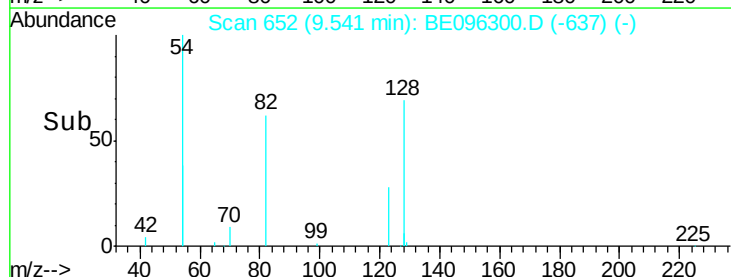
54 260.6 154.2 231.4#



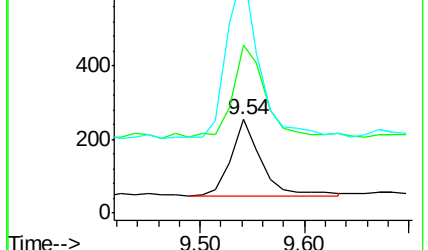
Abundance Ion 82.00 (81.70 to 82.70): BE0

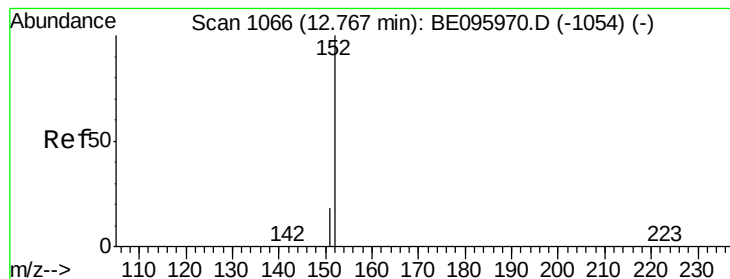
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.069 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

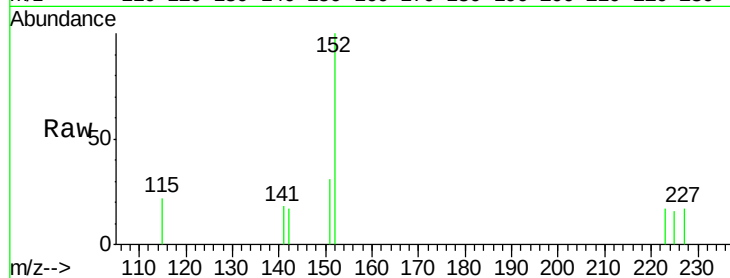
BPS1-TT-MW305I-20180427DL

Tot Ion:152 Resp: 383

Ion Ratio Lower Upper

152 100

151 20.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.73

250

200

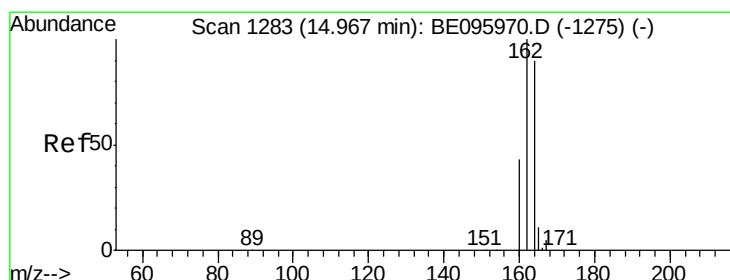
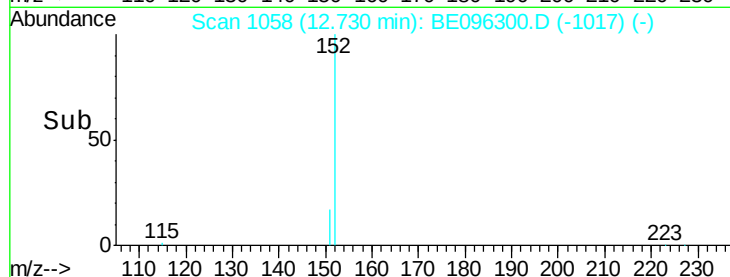
150

100

50

0

Time--> 12.65 12.70 12.75 12.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.93 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

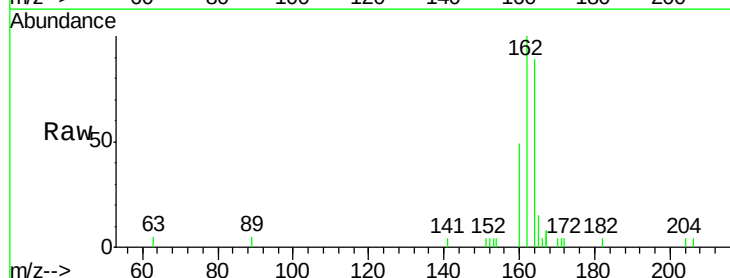
Tgt Ion:164 Resp: 1949

Ion Ratio Lower Upper

164 100

162 111.9 83.1 124.7

160 54.4 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

14.93

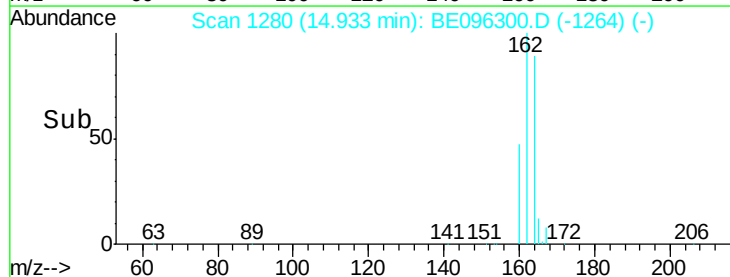
1500

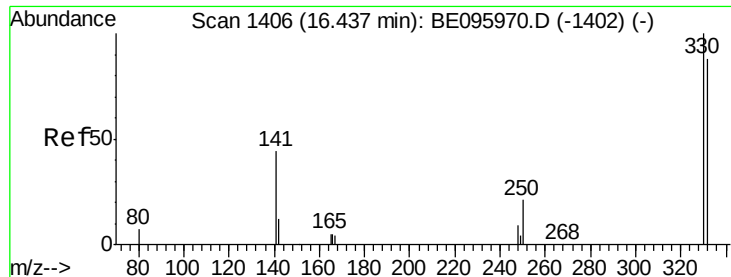
1000

500

0

Time--> 14.80 14.90 15.00

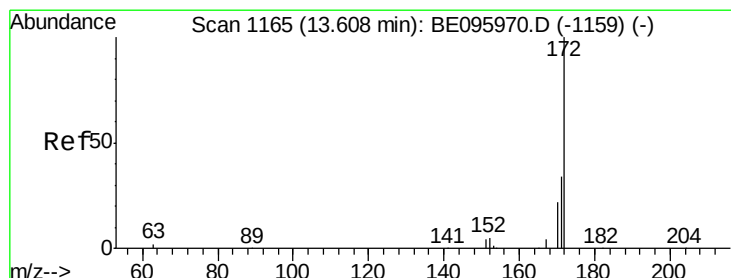
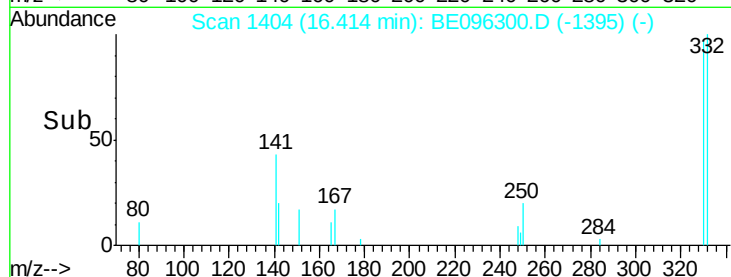
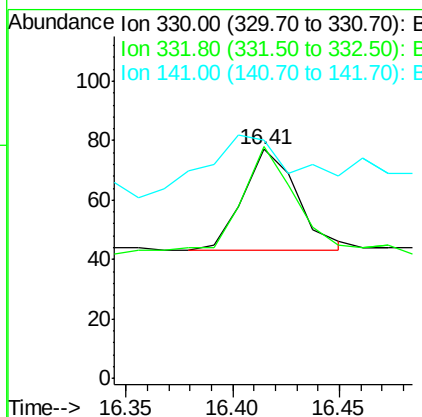
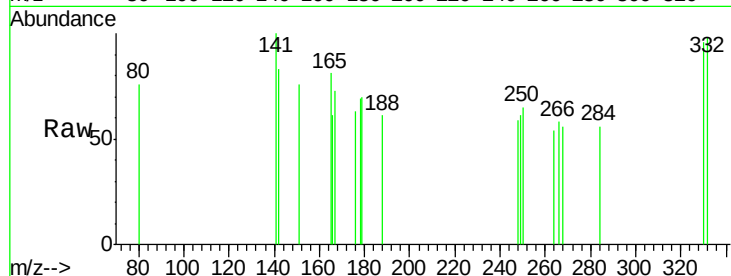




#14
2,4,6-Tribromophenol
Concen: 0.065 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096300.D
Acq: 2 May 2018 18:54

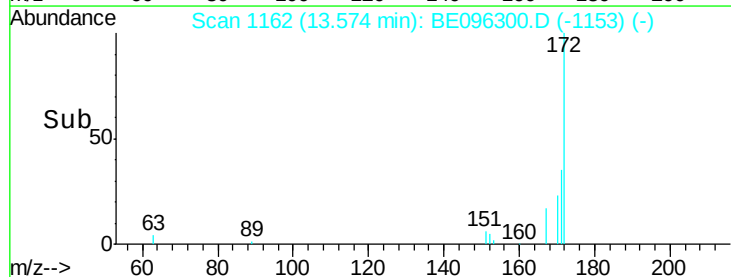
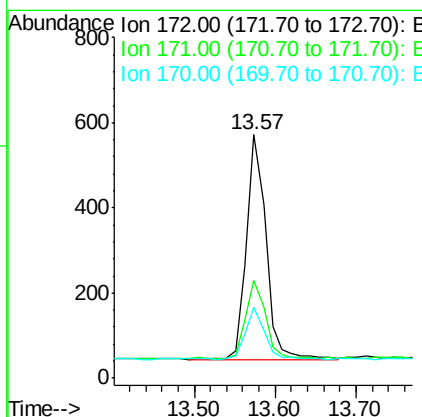
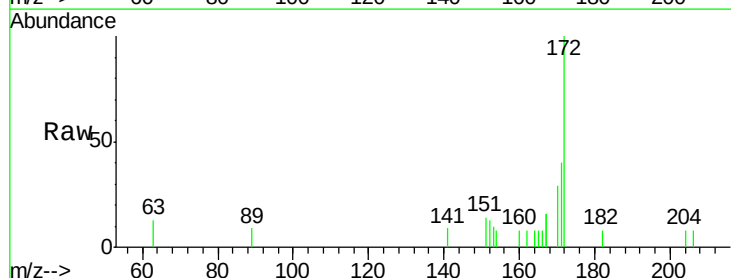
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20180427DL

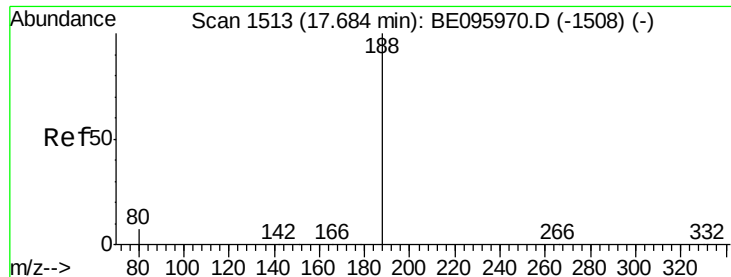
Tot Ion:330 Resp: 61
Ion Ratio Lower Upper
330 100
332 106.6 152.7 229.1#
141 101.6 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096300.D
Acq: 2 May 2018 18:54

Tgt Ion:172 Resp: 887
Ion Ratio Lower Upper
172 100
171 40.4 29.9 44.9
170 29.2 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180427DL

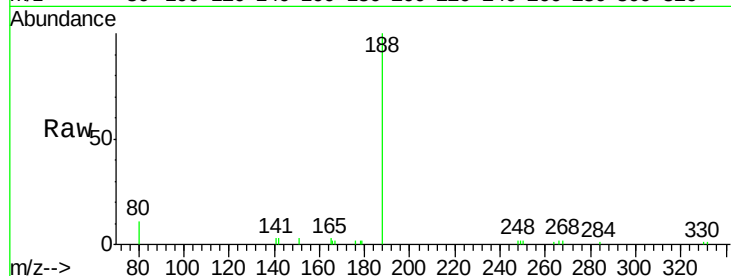
Tot Ion:188 Resp: 4555

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

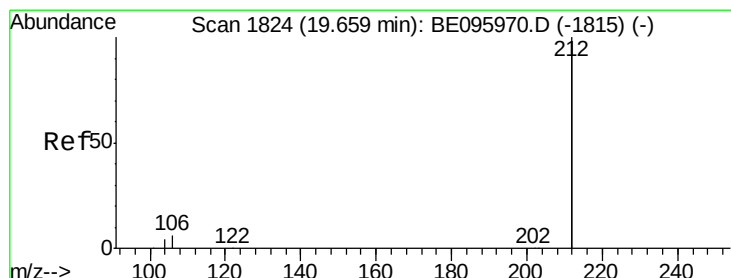
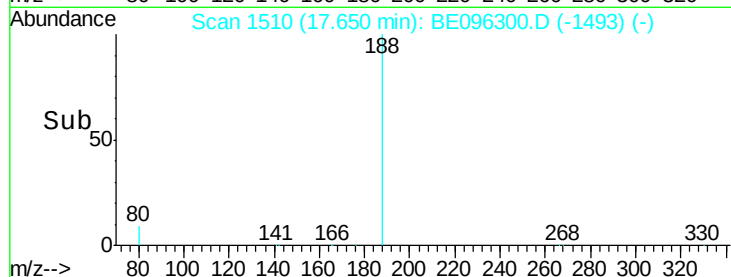
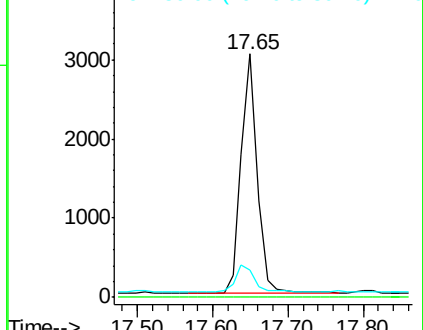
80 11.2 3.6 5.4#



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: 0.071 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

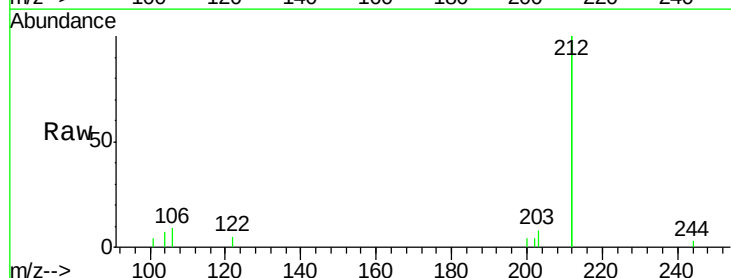
Tgt Ion:212 Resp: 4365

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

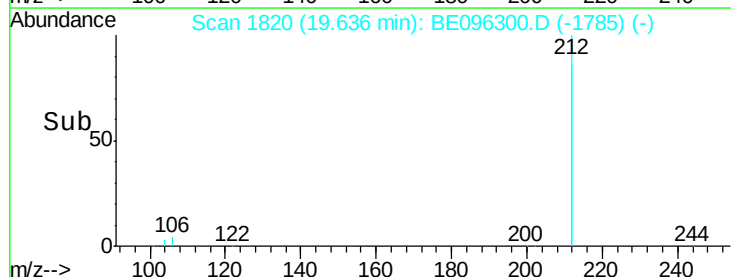
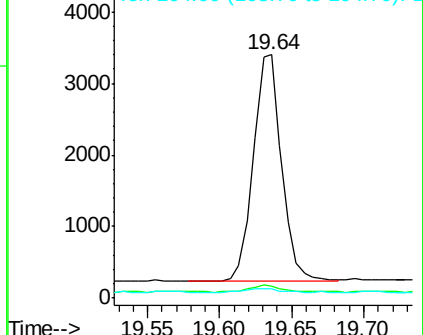
104 2.2 1.6 2.4

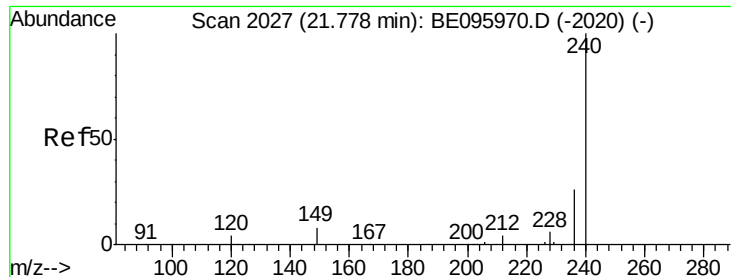


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

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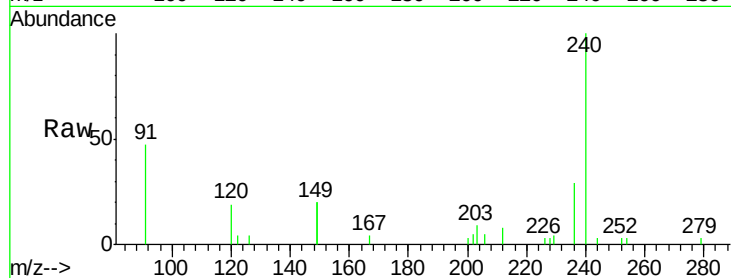
Tot Ion:240 Resp: 4465

Ion Ratio Lower Upper

240 100

120 19.4 5.5 8.3#

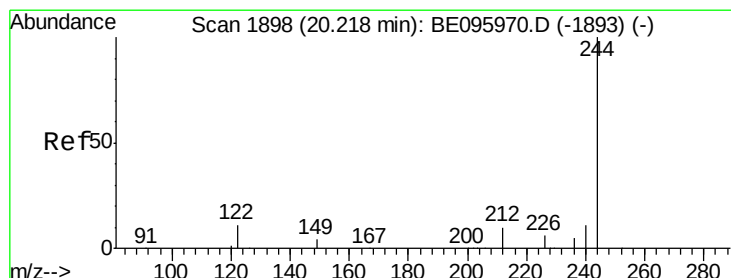
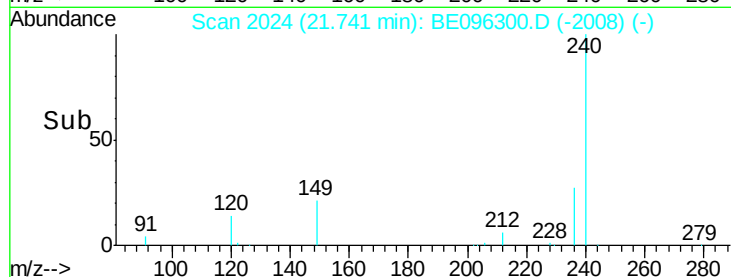
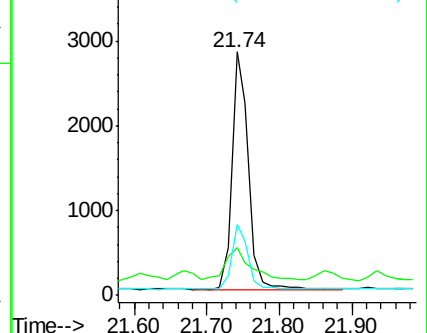
236 29.3 20.7 31.1



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: 0.117 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

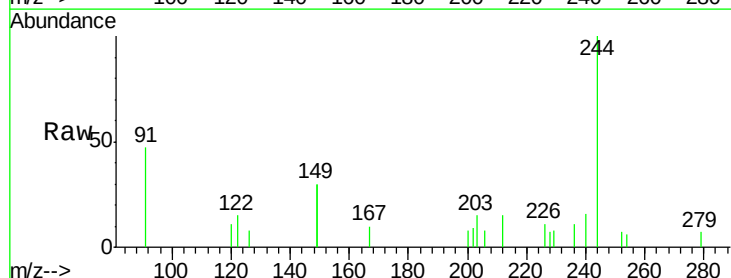
Tgt Ion:244 Resp: 1150

Ion Ratio Lower Upper

244 100

212 14.7 25.4 38.0#

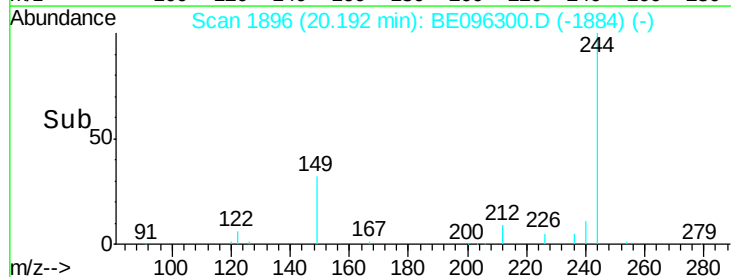
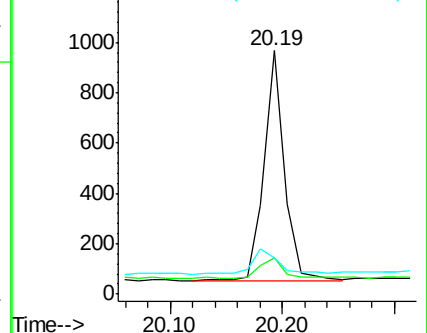
122 14.8 8.1 12.1#

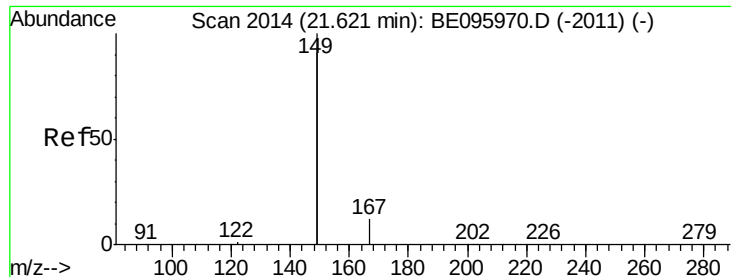


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.039 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20180427DL

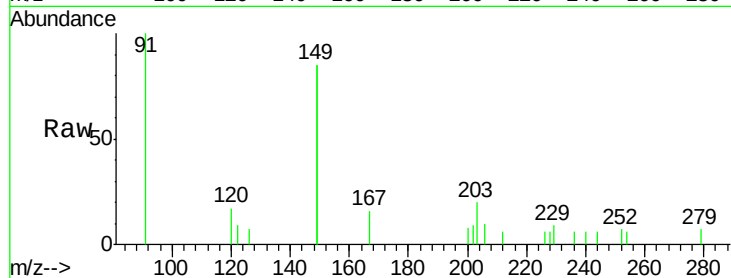
Tot Ion:149 Resp: 1426

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

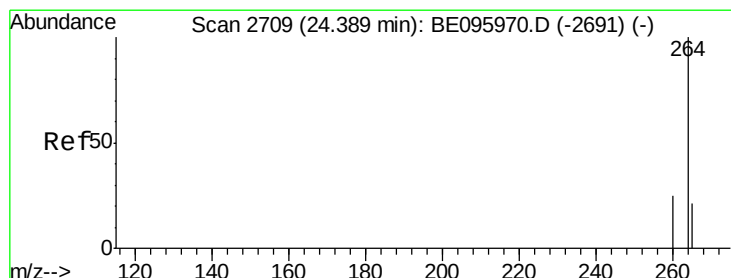
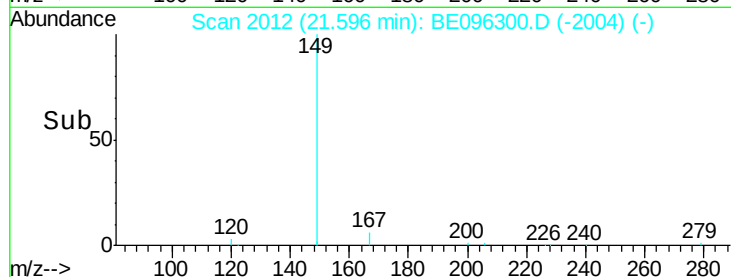
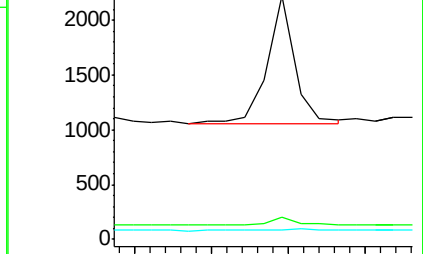
279 3.4 0.7 1.1#



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: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096300.D

Acq: 2 May 2018 18:54

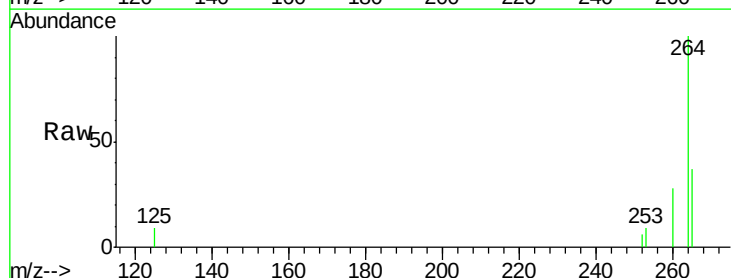
Tgt Ion:264 Resp: 4220

Ion Ratio Lower Upper

264 100

260 27.8 20.5 30.7

265 37.3 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

