

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\
 Data File : BE096233.D
 Acq On : 30 Apr 2018 21:58
 Operator : SJ/JU
 Sample : J2600-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW04-20180424

Quant Time: May 01 05:34:04 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

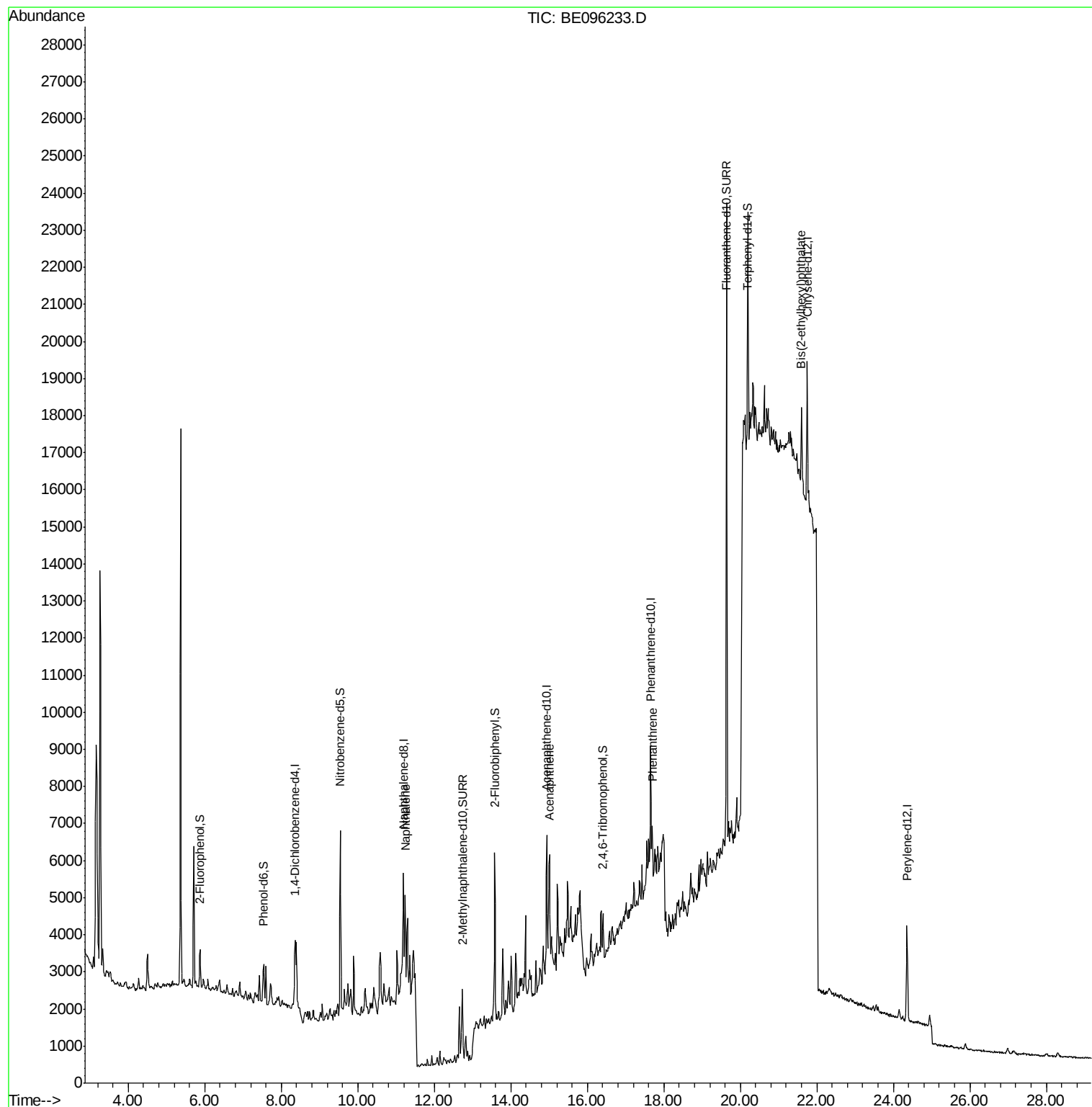
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	887	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3532	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	2338	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4305	0.40	ng	0.00
27) Chrysene-d12	21.75	240	3965	0.40	ng	0.01
34) Perylene-d12	24.36	264	3930	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	609	0.22	ng	0.01
5) Phenol-d6	7.52	99	477	0.13	ng	0.01
8) Nitrobenzene-d5	9.54	82	1689	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	2217	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	504	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	4029	0.40	ng	0.00
25) Fluoranthene-d10	19.64	212	22065	0.38	ng	0.00
29) Terphenyl-d14	20.19	244	6005	0.69	ng	0.00
Target Compounds						
9) Naphthalene	11.24	128	4083	0.110	ng	# 89
17) Acenaphthene	15.00	154	572	0.076	ng	# 70
23) Phenanthrene	17.70	178	1389	0.115	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.60	149	3362	0.102	ng	# 93

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

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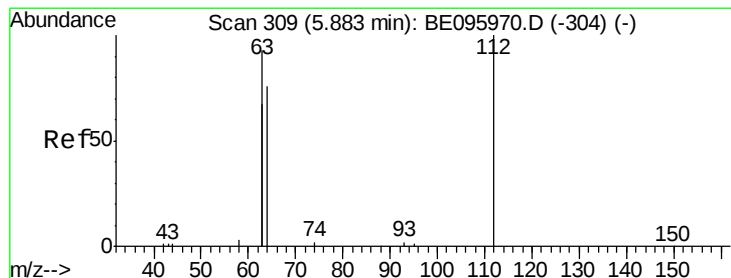
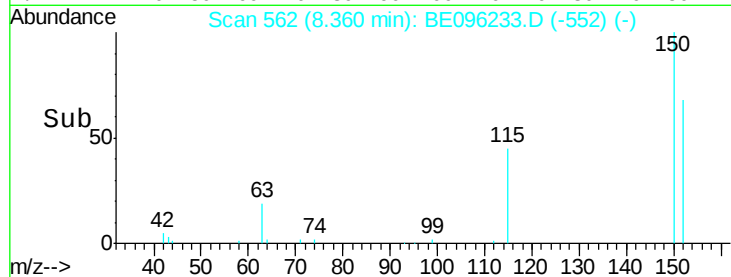
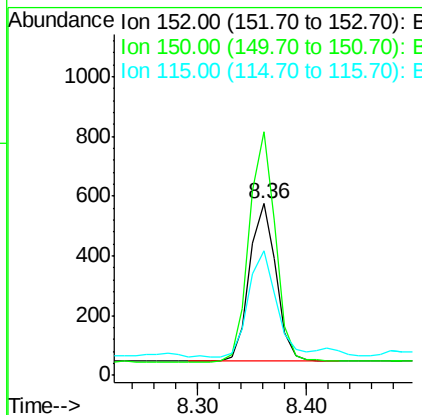
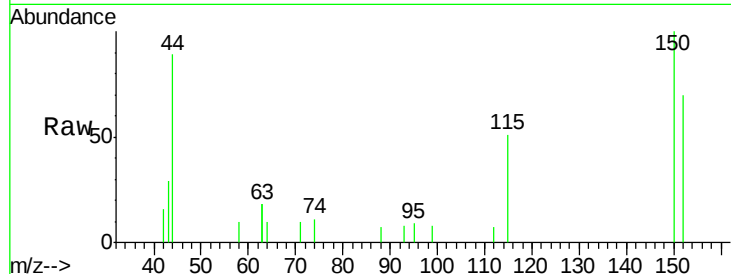


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096233.D
 Acq: 30 Apr 2018 21:58

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW04-20180424

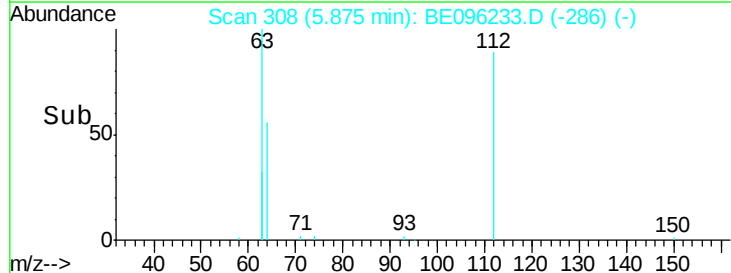
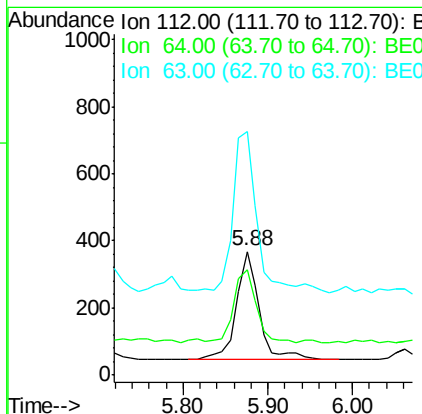
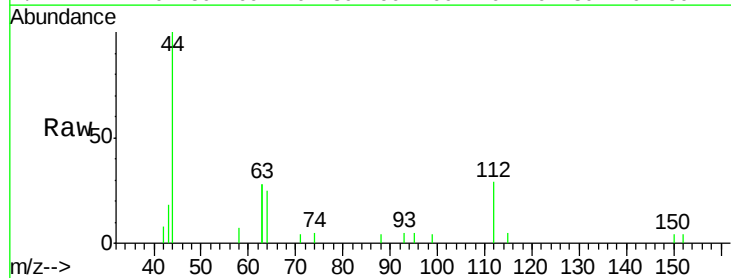
Tot Ion:152 Resp: 887
 Ion Ratio Lower Upper
 152 100
 150 141.9 117.2 175.8
 115 72.3 57.0 85.6



#4

2-Fluorophenol
 Concen: 0.222 ng
 RT: 5.88 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096233.D
 Acq: 30 Apr 2018 21:58

Tgt Ion:112 Resp: 609
 Ion Ratio Lower Upper
 112 100
 64 66.2 60.1 90.1
 63 159.3 116.8 175.2





#5

Phenol-d6

Concen: 0.126 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096233.D

Acq: 30 Apr 2018 21:58

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20180424

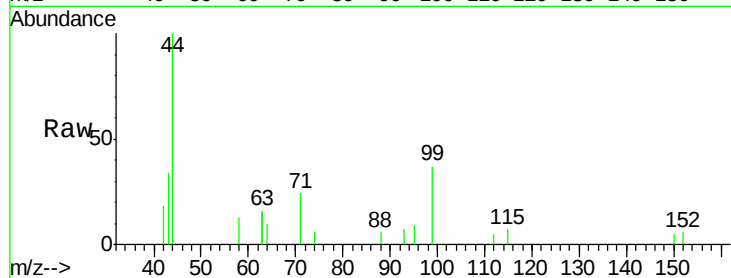
Tot Ion: 99 Resp: 477

Ion Ratio Lower Upper

99 100

42 39.2 20.2 30.2#

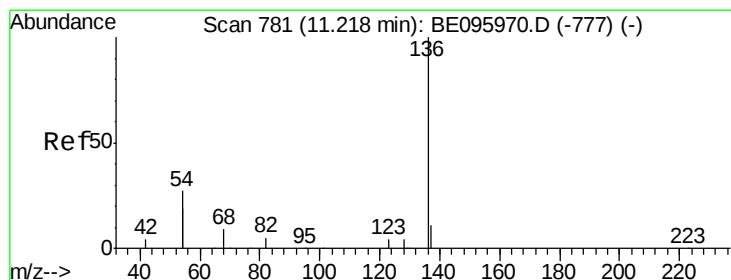
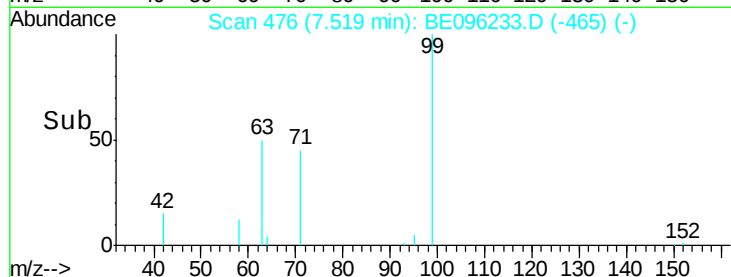
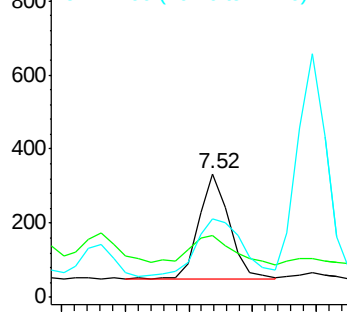
71 82.8 28.4 42.6#



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: BE096233.D

Acq: 30 Apr 2018 21:58

Tgt Ion: 136 Resp: 3532

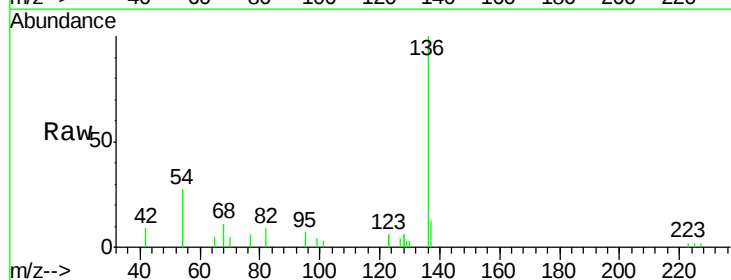
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 54.0 29.1 43.7#

68 11.1 6.2 9.2#

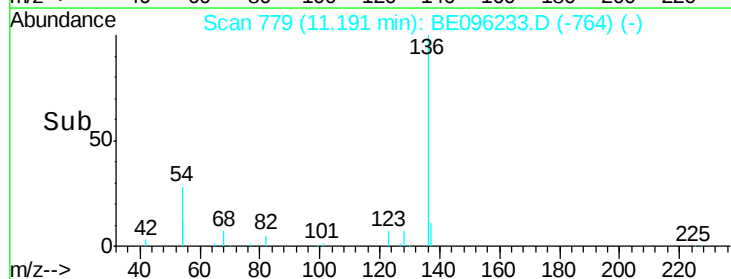
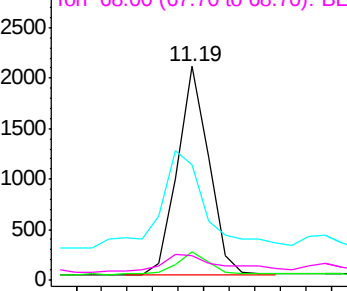


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.408 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096233.D

Acq: 30 Apr 2018 21:58

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20180424

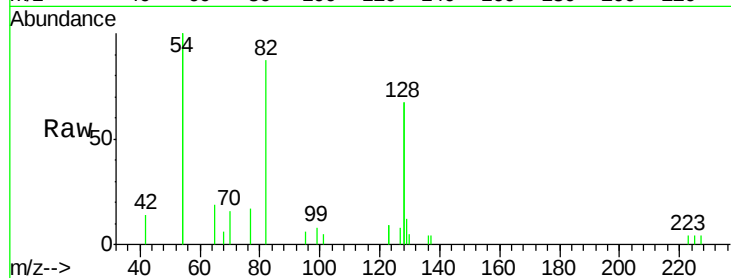
Tot Ion: 82 Resp: 1689

Ion Ratio Lower Upper

82 100

128 154.1 150.0 225.0

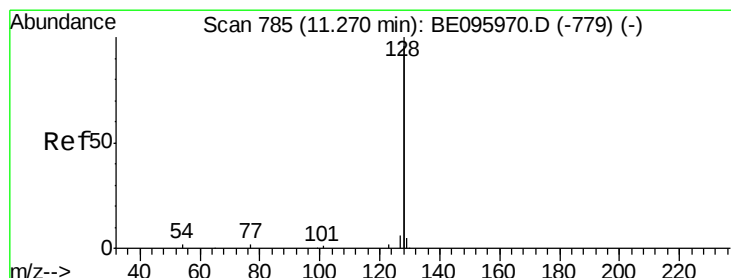
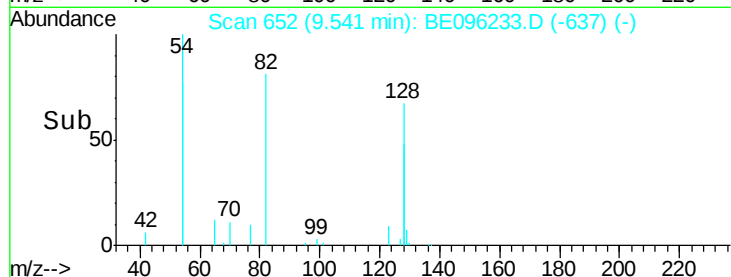
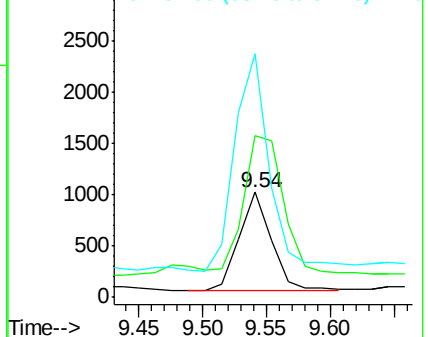
54 231.1 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.110 ng

RT: 11.24 min Scan# 783

Delta R.T. -0.00 min

Lab File: BE096233.D

Acq: 30 Apr 2018 21:58

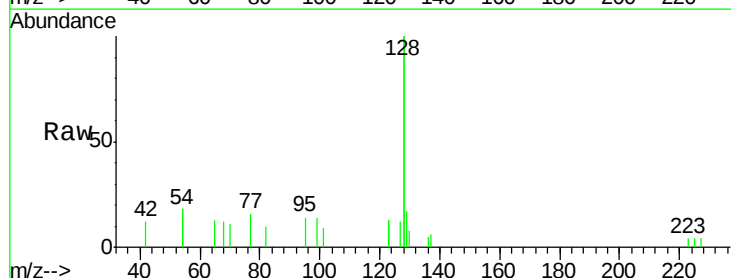
Tgt Ion: 128 Resp: 4083

Ion Ratio Lower Upper

128 100

129 8.4 2.6 3.8#

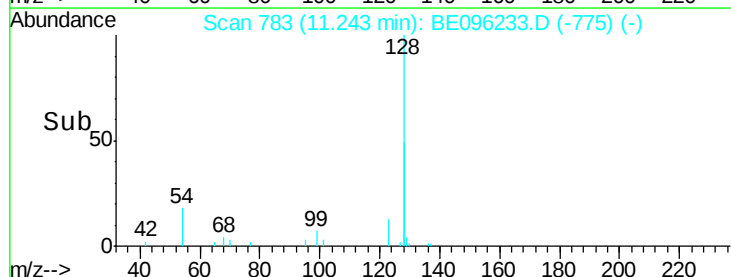
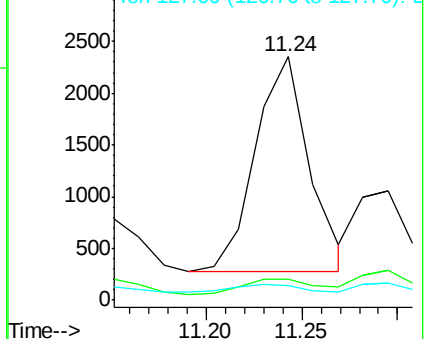
127 6.0 2.8 4.2#

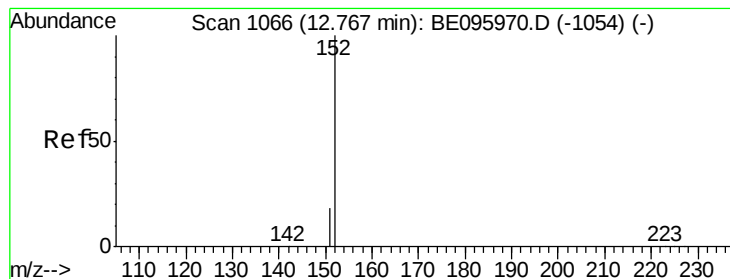


Abundance Ion 128.00 (127.70 to 128.70): BE0

Ion 129.00 (128.70 to 129.70): BE0

Ion 127.00 (126.70 to 127.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096233.D

Acq: 30 Apr 2018 21:58

Instrument :

BNA_E

ClientSampleId :

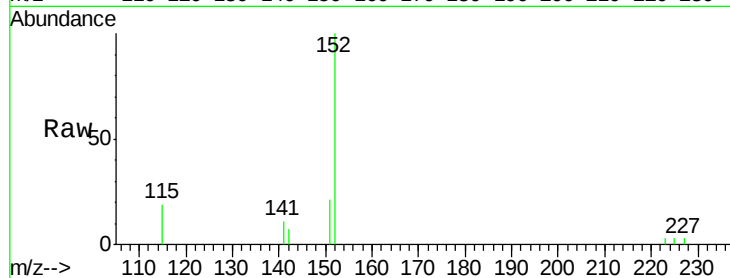
BP-TT-AOC22-MW04-20180424

Tot Ion:152 Resp: 2217

Ion Ratio Lower Upper

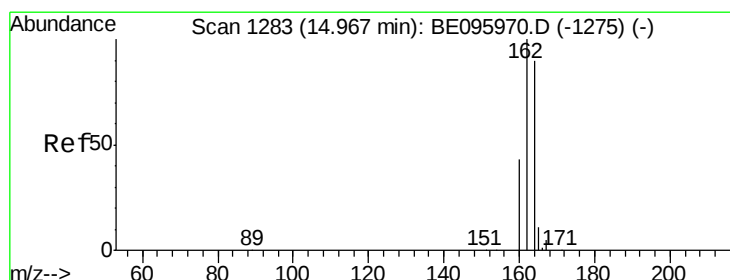
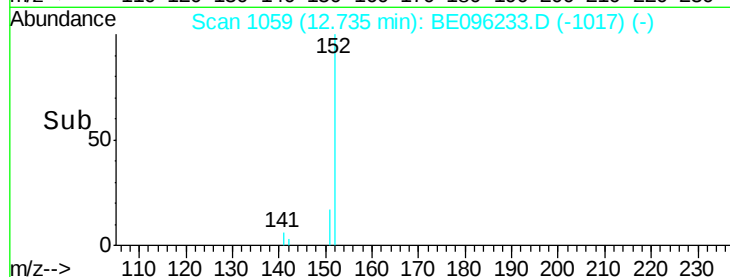
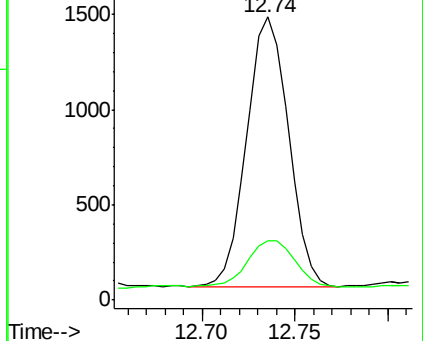
152 100

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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096233.D

Acq: 30 Apr 2018 21:58

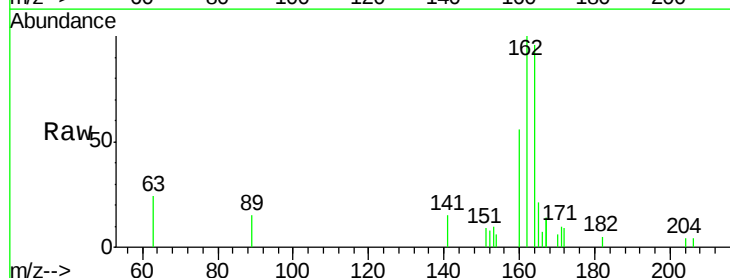
Tgt Ion:164 Resp: 2338

Ion Ratio Lower Upper

164 100

162 104.2 83.1 124.7

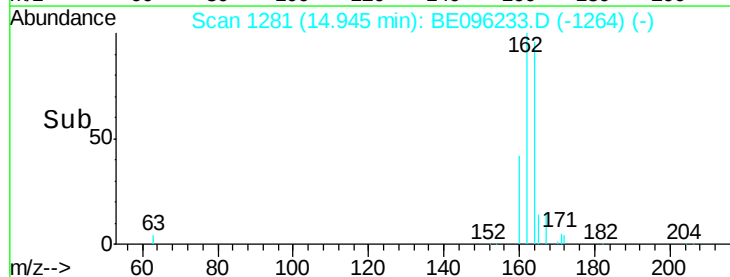
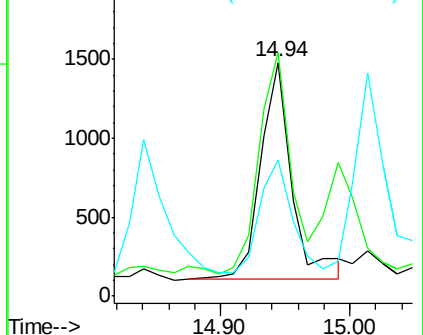
160 58.0 37.1 55.7#



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

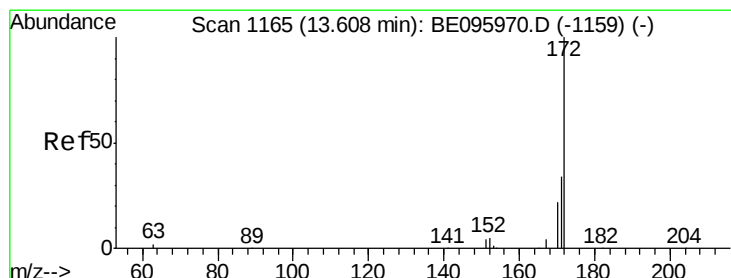
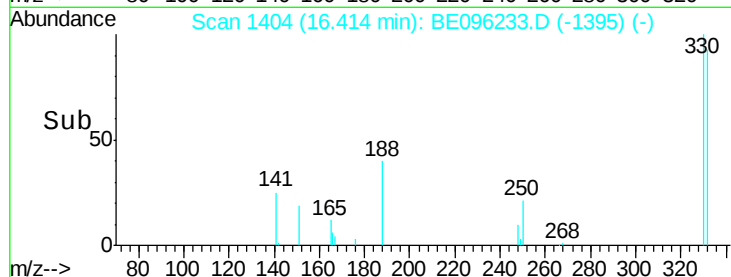
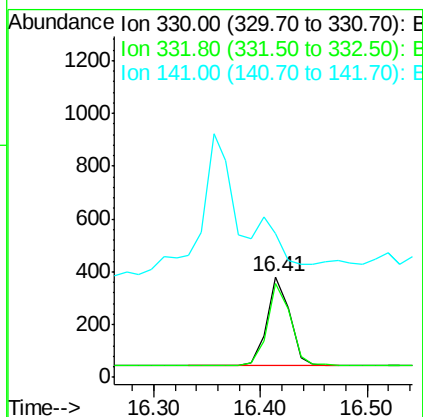
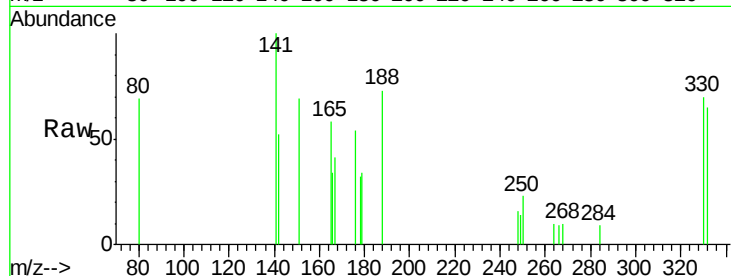




#14
2,4,6-Tribromophenol
Concen: 0.446 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

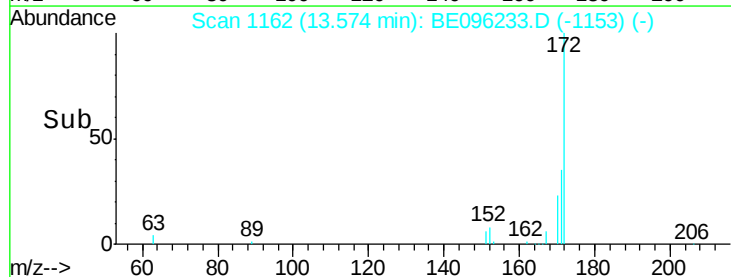
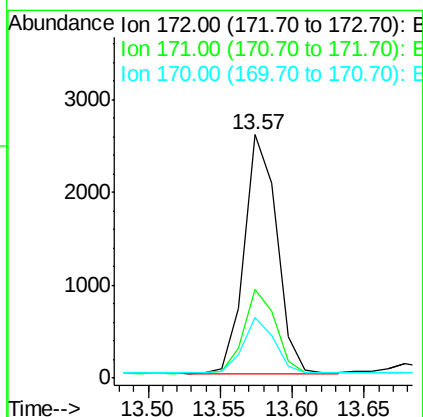
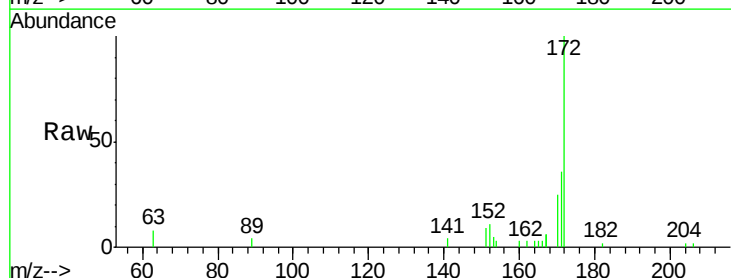
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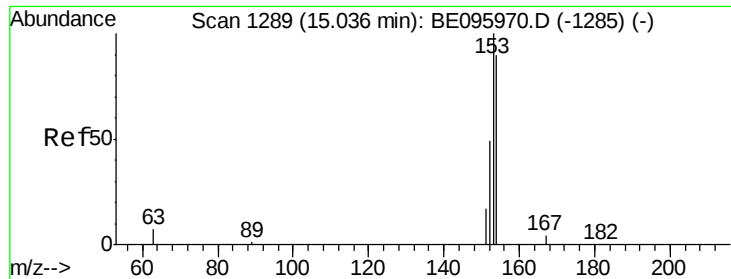
Tot Ion:330 Resp: 504
Ion Ratio Lower Upper
330 100
332 92.1 152.7 229.1#
141 0.0 33.7 50.5#



#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:172 Resp: 4029
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 25.0 21.8 32.8

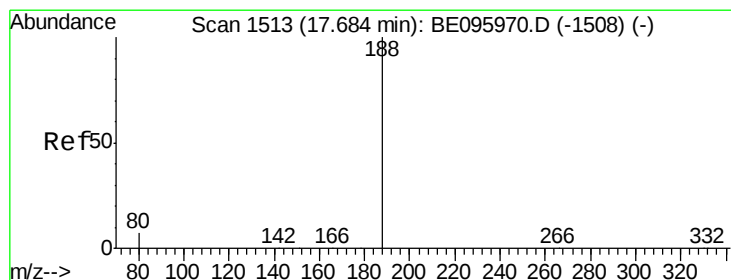
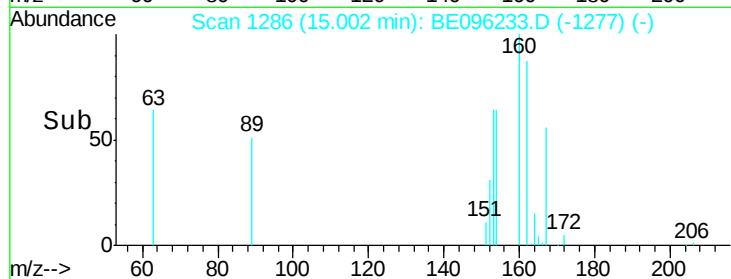
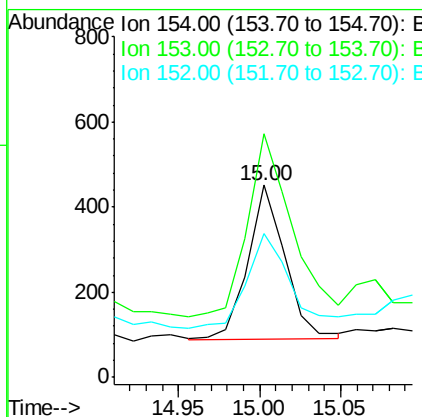
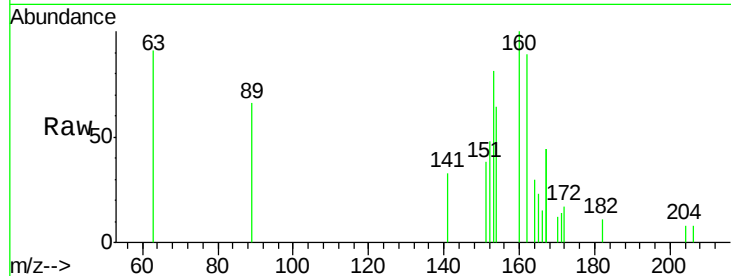




#17
Acenaphthene
Concen: 0.076 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

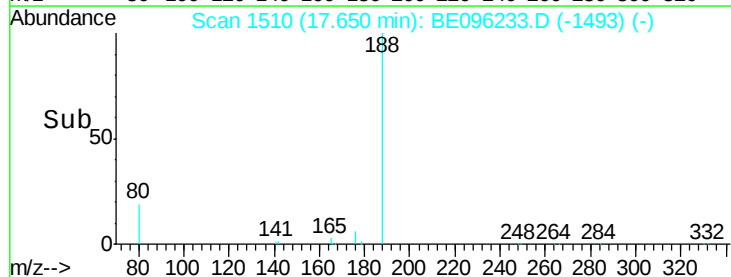
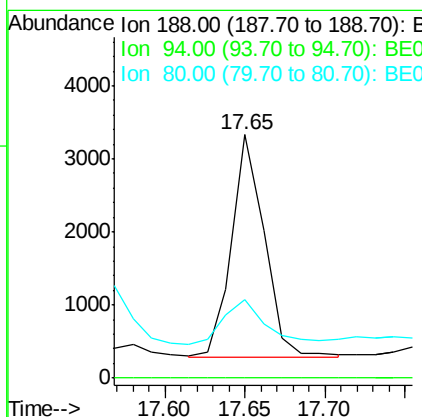
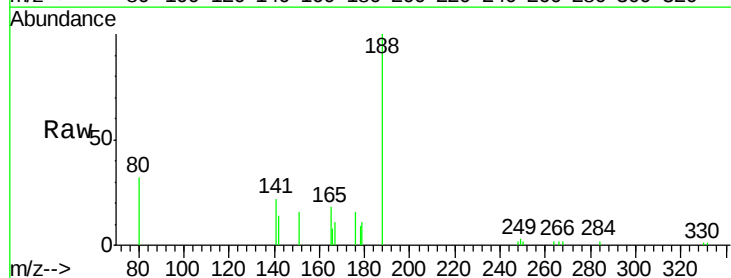
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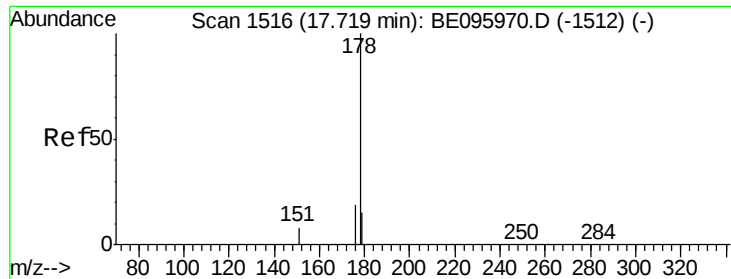
Tot Ion:154 Resp: 572
Ion Ratio Lower Upper
154 100
153 143.4 89.2 133.8#
152 73.3 42.0 63.0#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.65 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BE096233.D
Acq: 30 Apr 2018 21:58

Tgt Ion:188 Resp: 4305
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 32.3 3.6 5.4#





#23

Phenanthrene

Concen: 0.115 ng

RT: 17.70 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE096233.D

Acq: 30 Apr 2018 21:58

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW04-20180424

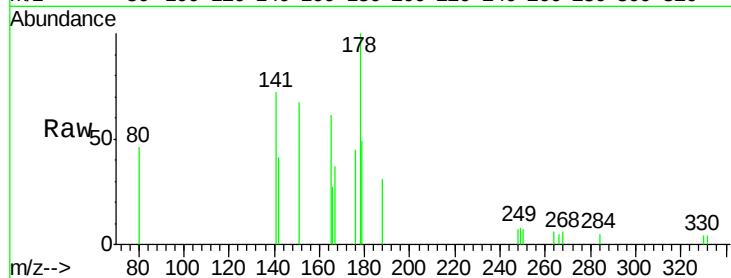
Tot Ion:178 Resp: 1389

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

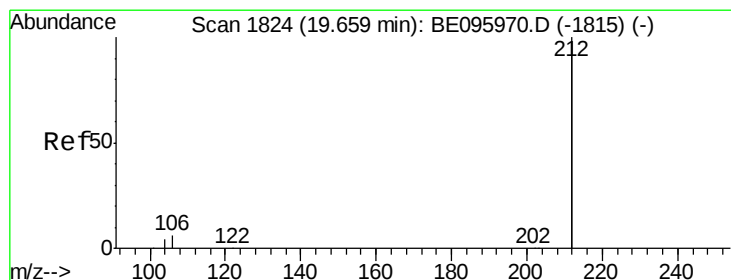
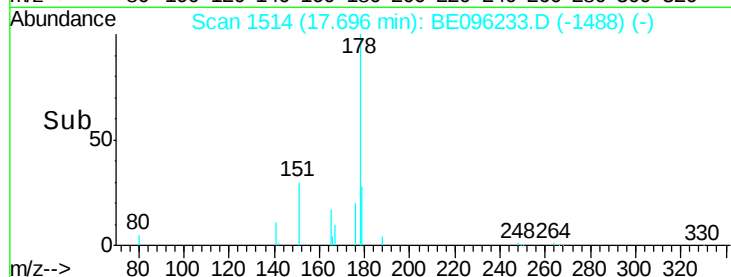
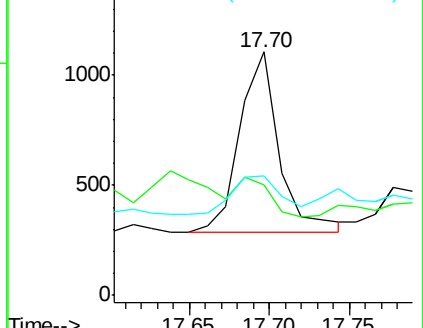
179 25.7 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.64 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BE096233.D

Acq: 30 Apr 2018 21:58

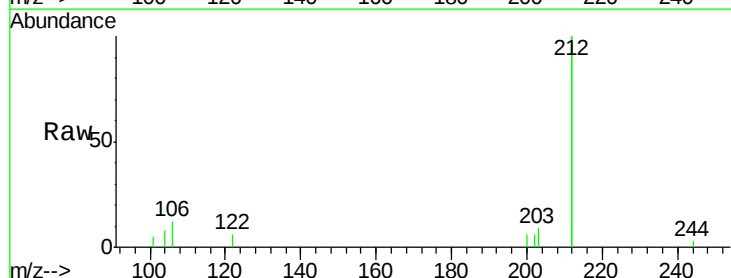
Tgt Ion:212 Resp: 22065

Ion Ratio Lower Upper

212 100

106 3.6 2.8 4.2

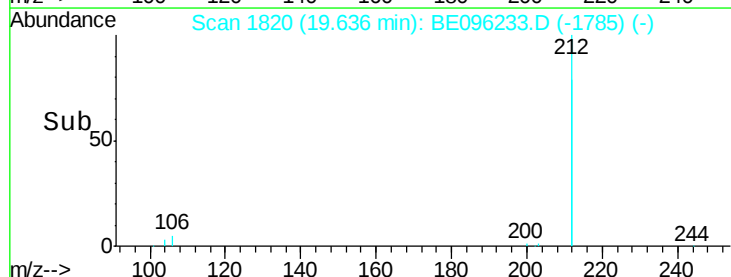
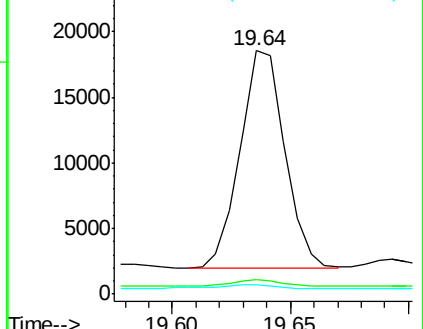
104 2.5 1.6 2.4#

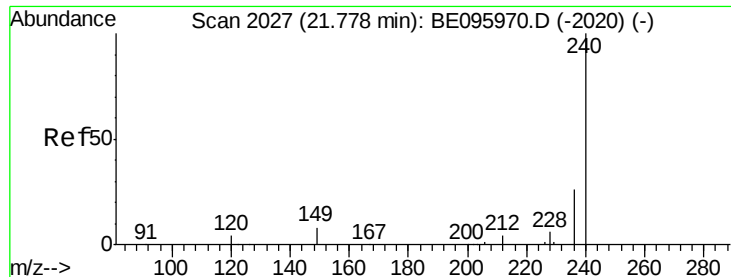


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096233.D

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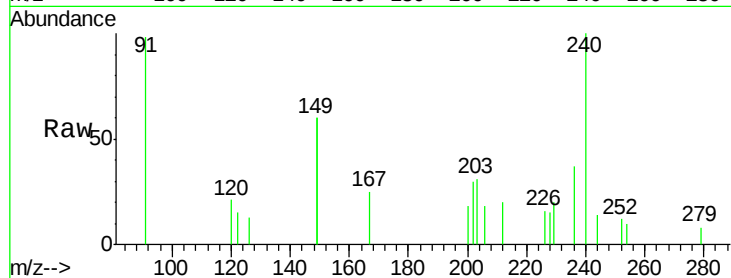
Tot Ion:240 Resp: 3965

Ion Ratio Lower Upper

240 100

120 20.8 5.5 8.3#

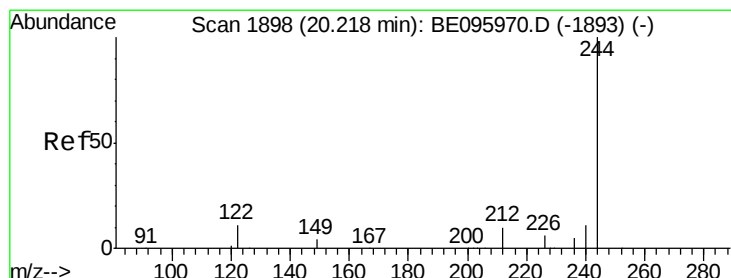
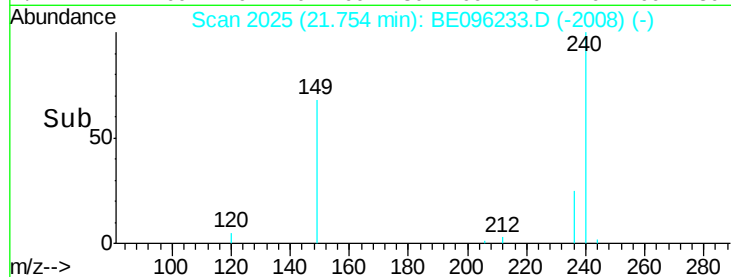
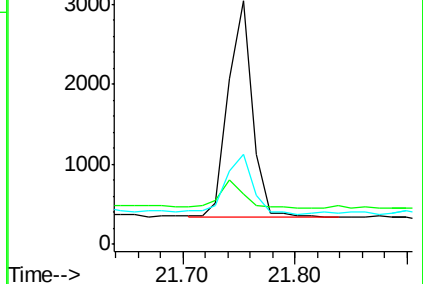
236 36.8 20.7 31.1#



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: 0.685 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096233.D

Acq: 30 Apr 2018 21:58

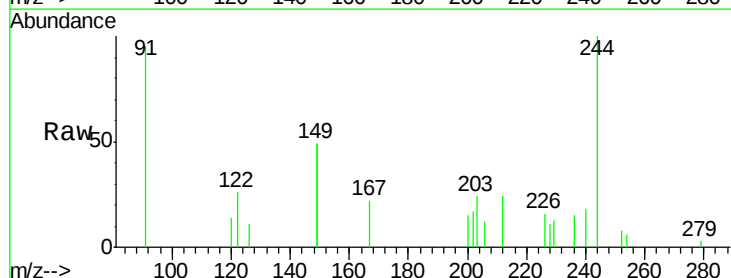
Tgt Ion:244 Resp: 6005

Ion Ratio Lower Upper

244 100

212 23.9 25.4 38.0#

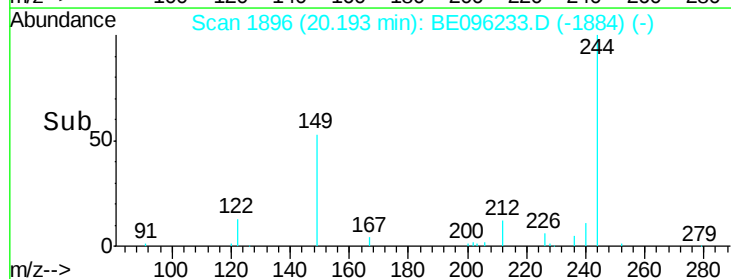
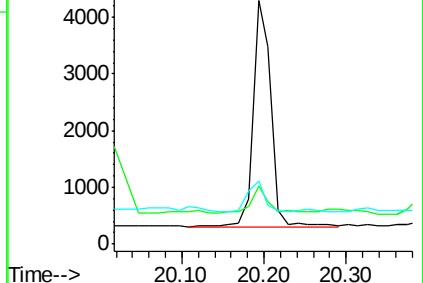
122 26.2 8.1 12.1#

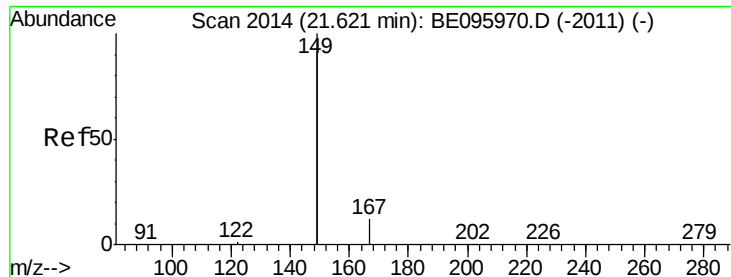


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

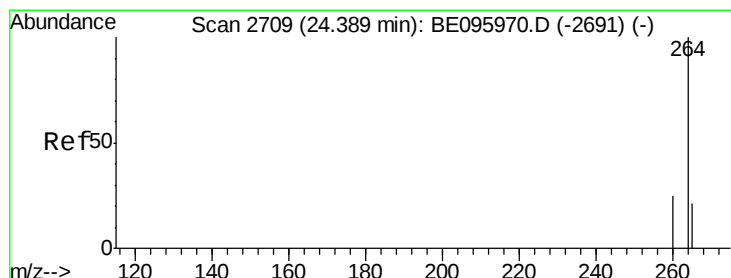
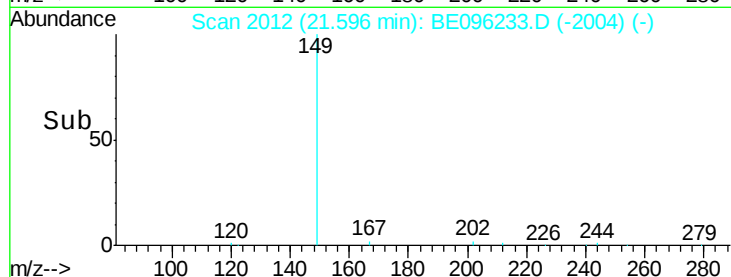
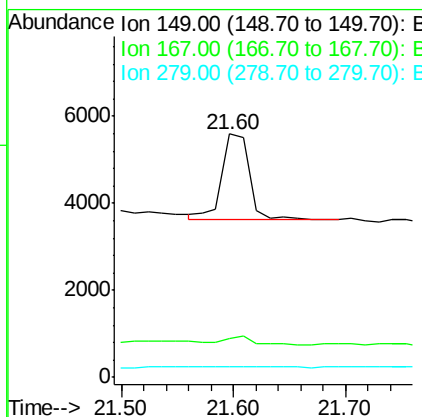
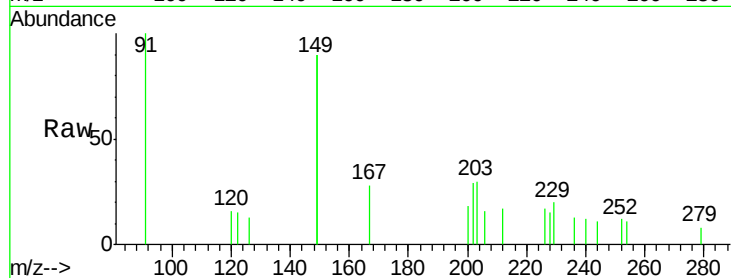




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.60 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BE096233.D
 Acq: 30 Apr 2018 21:58

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW04-20180424

Tot Ion:149 Resp: 3362
 Ion Ratio Lower Upper
 149 100
 167 9.3 5.4 8.0#
 279 2.6 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.36 min Scan# 2700
 Delta R.T. 0.01 min
 Lab File: BE096233.D
 Acq: 30 Apr 2018 21:58

Tgt Ion:264 Resp: 3930
 Ion Ratio Lower Upper
 264 100
 260 31.2 20.5 30.7#
 265 43.7 22.8 34.2#

