

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096240.D
 Acq On : 1 May 2018 2:09
 Operator : SJ/JU
 Sample : J2600-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304S-20180425

Quant Time: May 01 06:06:01 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

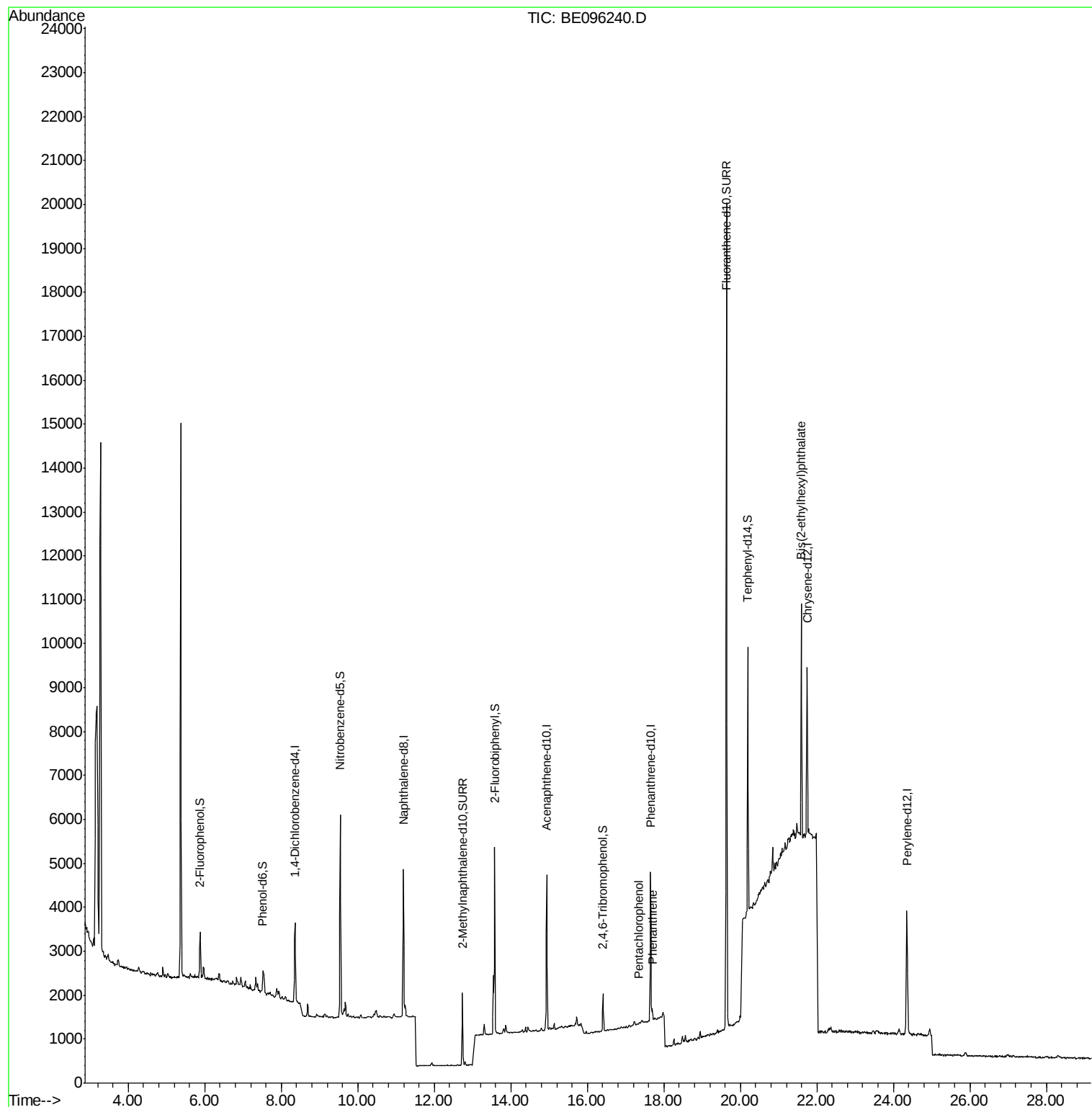
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	918	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3552	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1958	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4463	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4341	0.40	ng	0.01
34) Perylene-d12	24.35	264	4200	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.89	112	519	0.18	ng	0.02
5) Phenol-d6	7.52	99	448	0.11	ng	0.01
8) Nitrobenzene-d5	9.54	82	1733	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2182	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	424	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3785	0.45	ng	0.00
25) Fluoranthene-d10	19.64	212	23947	0.40	ng	0.00
29) Terphenyl-d14	20.19	244	5450	0.57	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	17.35	266	6	0.140	ng	95
23) Phenanthrene	17.70	178	260	0.021	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.60	149	6254	0.174	ng	97

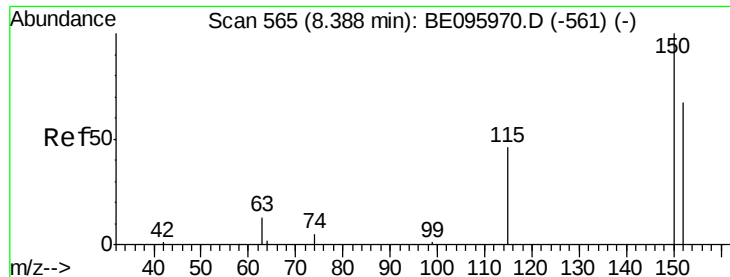
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE096240.D

Acq: 1 May 2018 2:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20180425

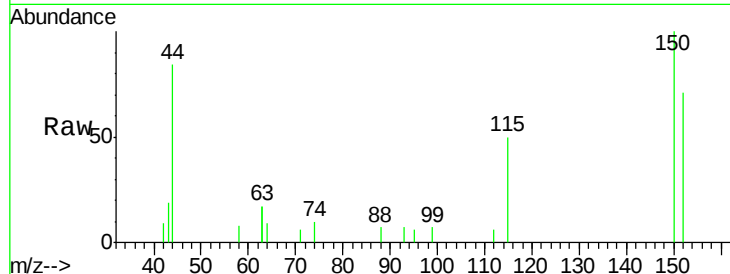
Tgt Ion:152 Resp: 918

Ion Ratio Lower Upper

152 100

150 140.3 117.2 175.8

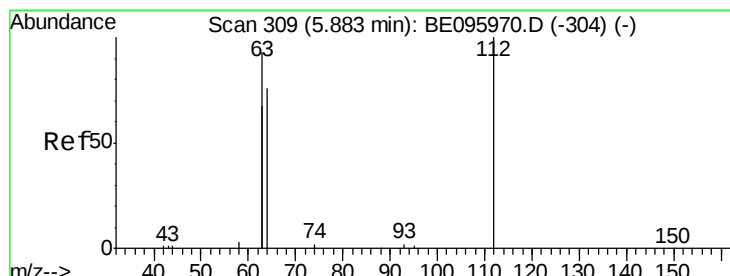
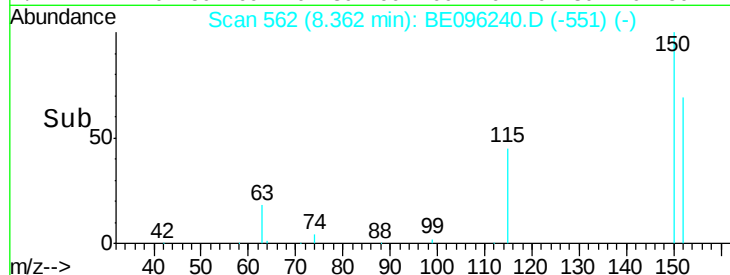
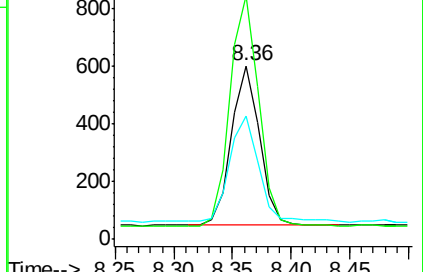
115 70.7 57.0 85.6



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



#4

2-Fluorophenol

Concen: 0.183 ng

RT: 5.89 min Scan# 309

Delta R.T. 0.02 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

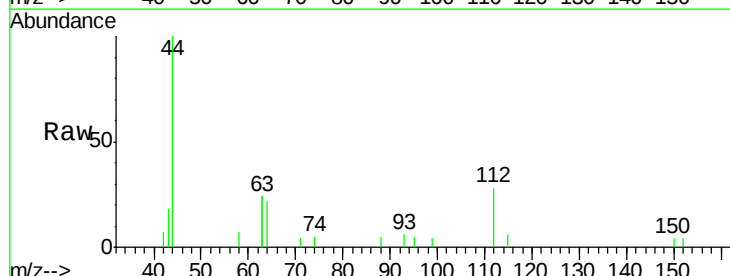
Tgt Ion:112 Resp: 519

Ion Ratio Lower Upper

112 100

64 79.2 60.1 90.1

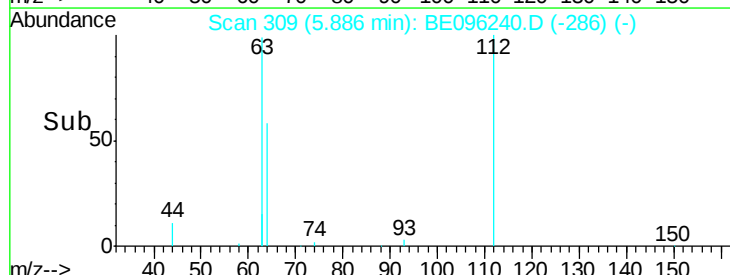
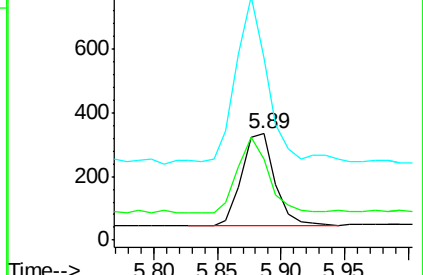
63 186.3 116.8 175.2#

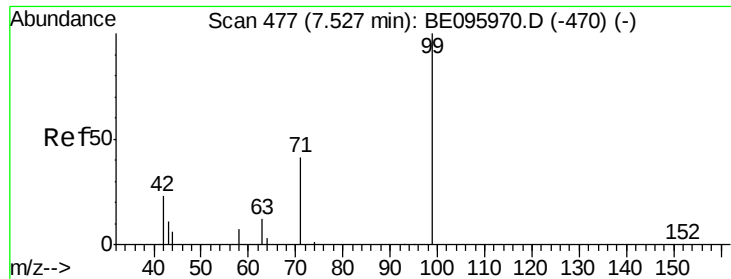


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.114 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20180425

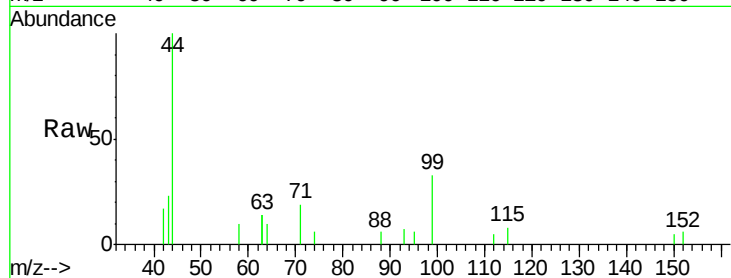
Tgt Ion: 99 Resp: 448

Ion Ratio Lower Upper

99 100

42 29.9 20.2 30.2

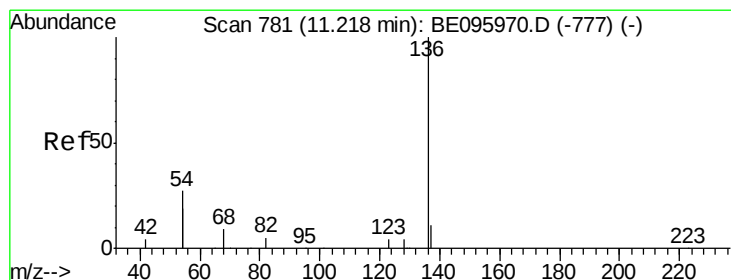
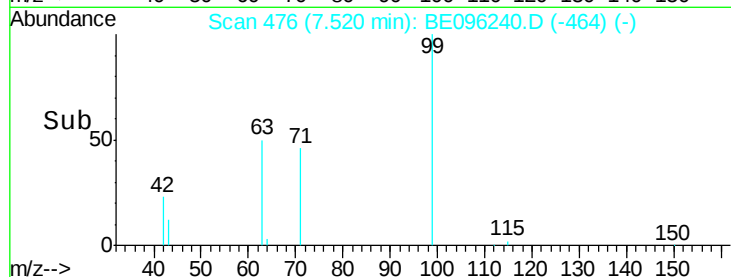
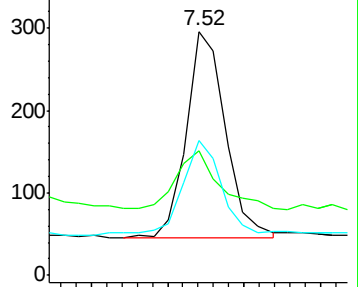
71 47.3 28.4 42.6#



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: BE096240.D

Acq: 1 May 2018 2:09

Tgt Ion: 136 Resp: 3552

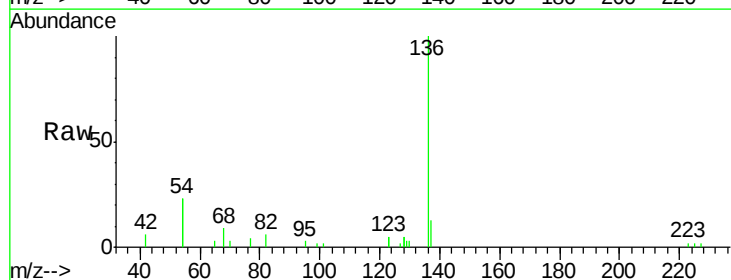
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 47.0 29.1 43.7#

68 8.8 6.2 9.2

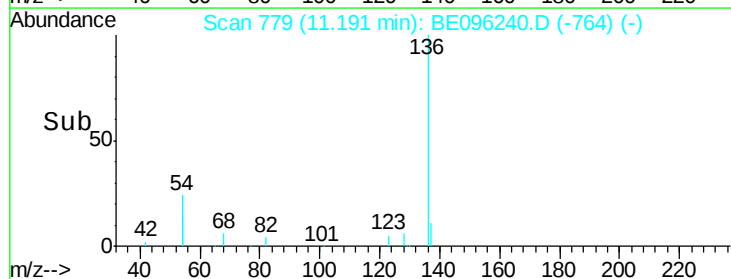
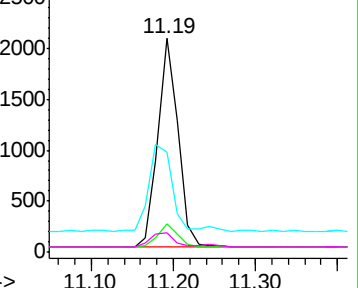


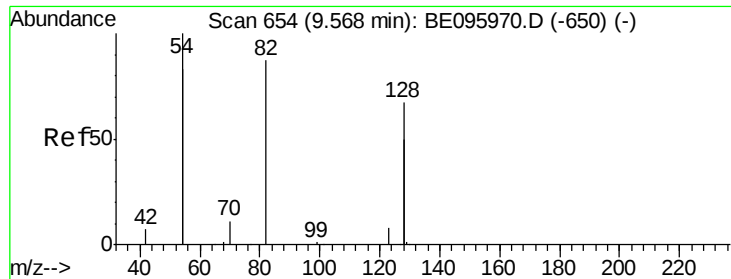
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.416 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20180425

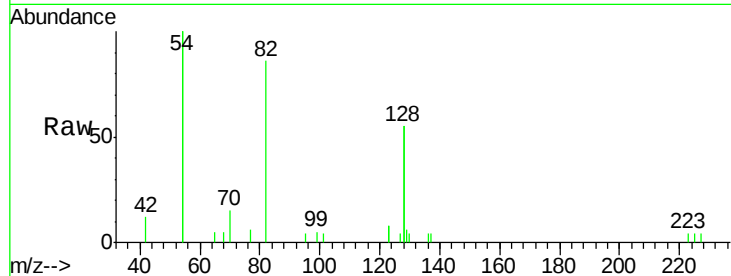
Tgt Ion: 82 Resp: 1733

Ion Ratio Lower Upper

82 100

128 127.1 150.0 225.0#

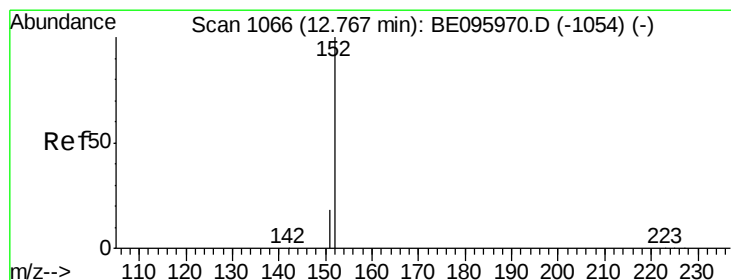
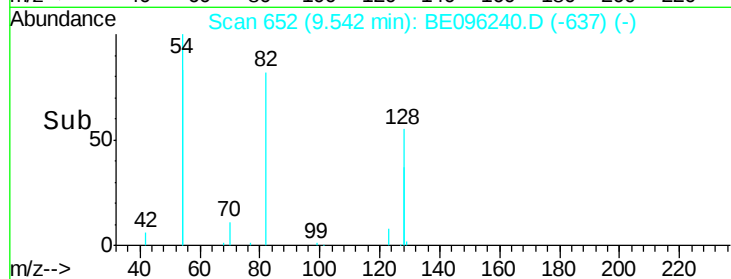
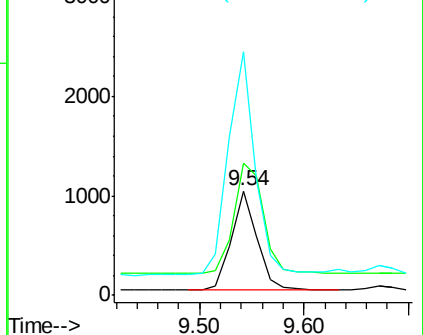
54 232.9 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096240.D

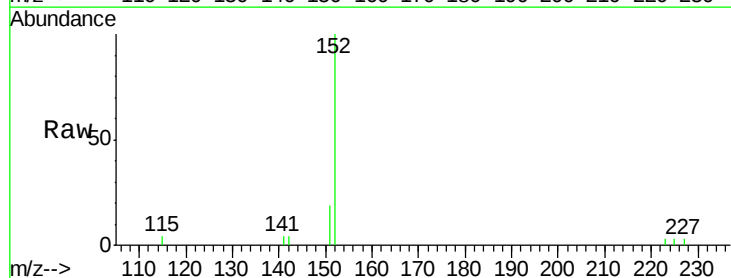
Acq: 1 May 2018 2:09

Tgt Ion: 152 Resp: 2182

Ion Ratio Lower Upper

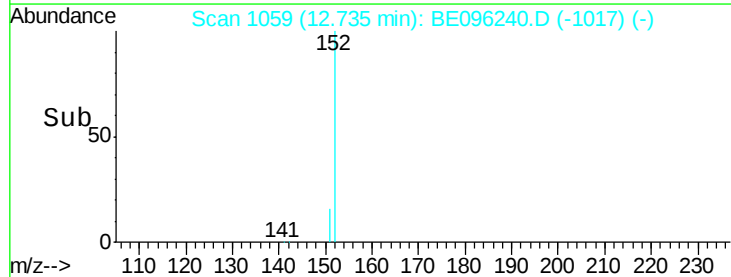
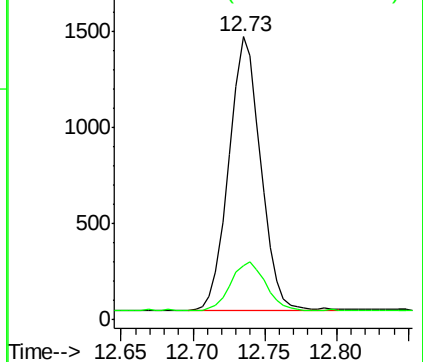
152 100

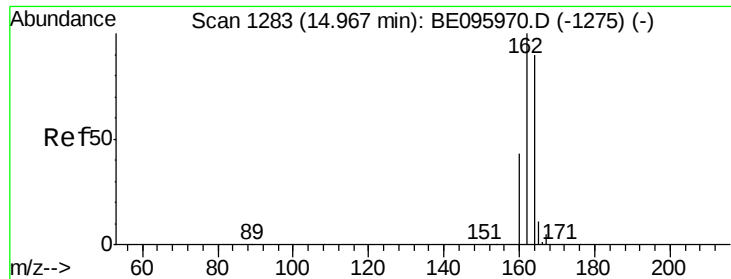
151 19.8 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20180425

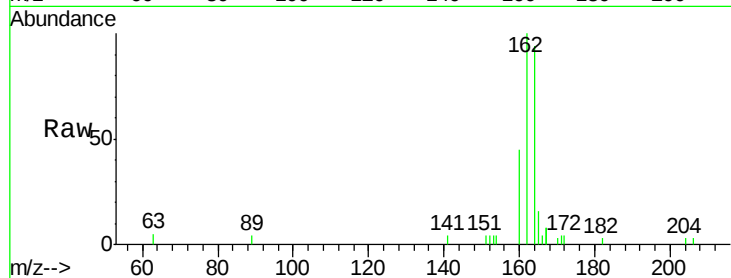
Tgt Ion:164 Resp: 1958

Ion Ratio Lower Upper

164 100

162 106.8 83.1 124.7

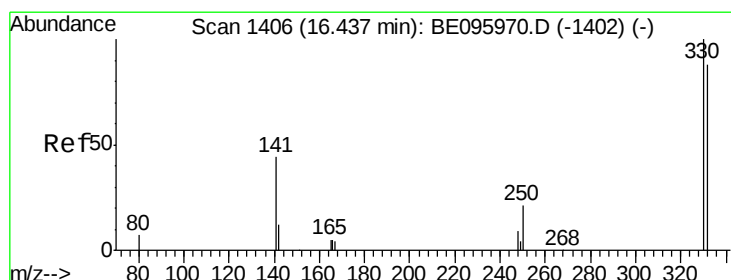
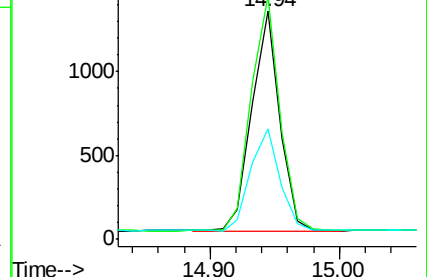
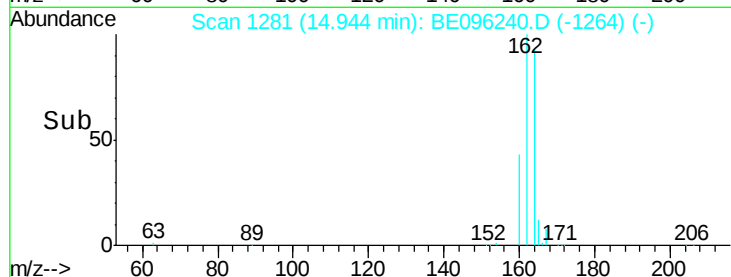
160 48.3 37.1 55.7



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: 0.448 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

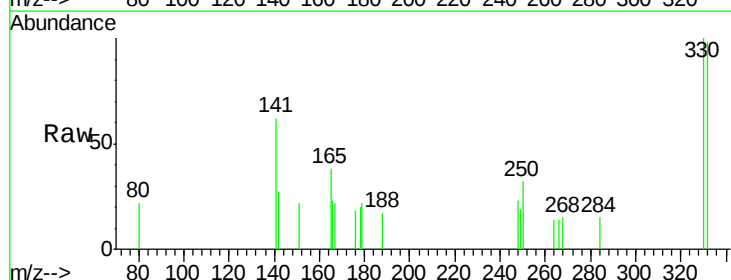
Tgt Ion:330 Resp: 424

Ion Ratio Lower Upper

330 100

332 98.3 152.7 229.1#

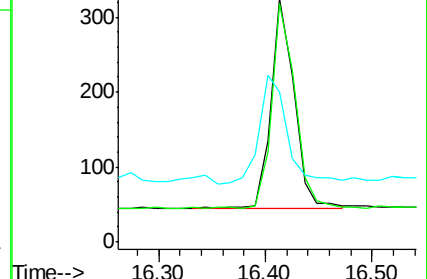
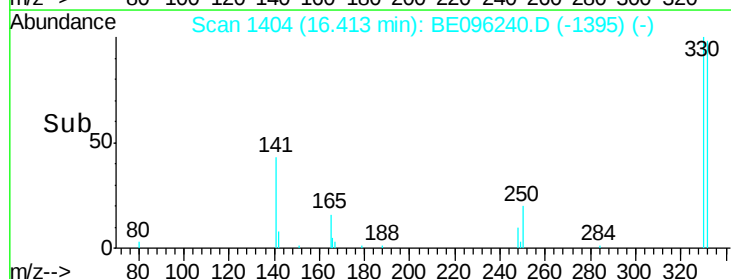
141 64.2 33.7 50.5#

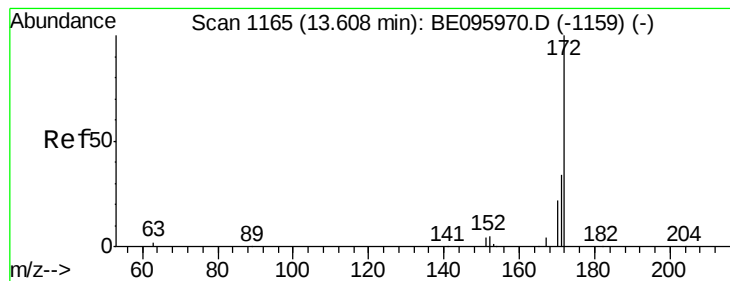


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.452 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

Instrument :

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ClientSampleId :

BPS1-TT-MW304S-20180425

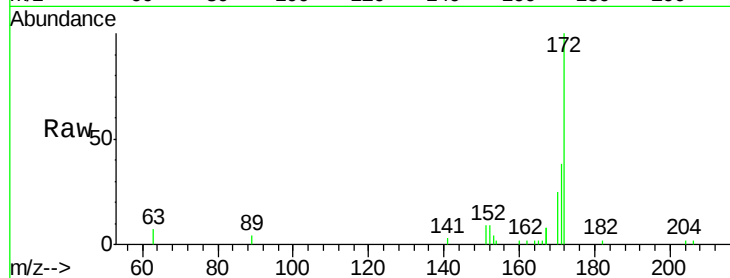
Tgt Ion:172 Resp: 3785

Ion Ratio Lower Upper

172 100

171 37.6 29.9 44.9

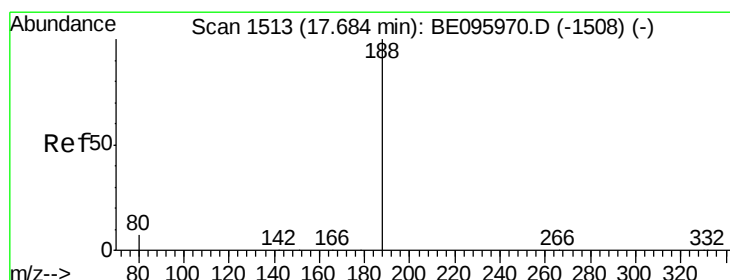
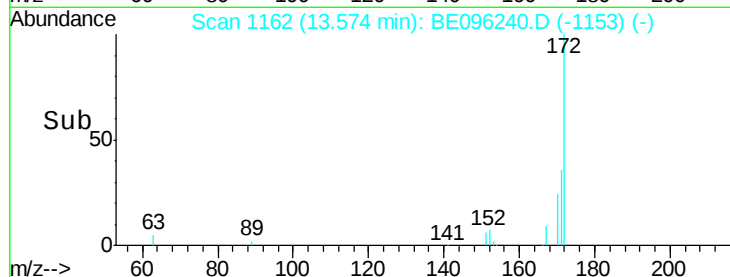
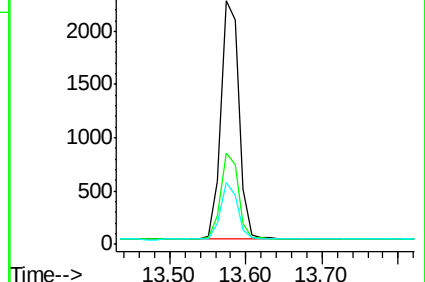
170 25.3 21.8 32.8



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



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

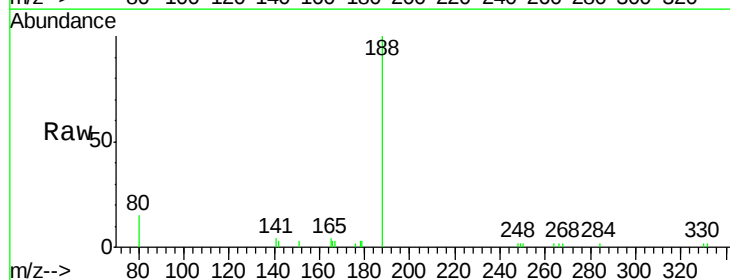
Tgt Ion:188 Resp: 4463

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

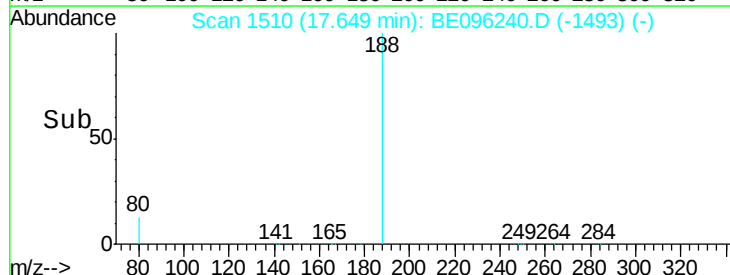
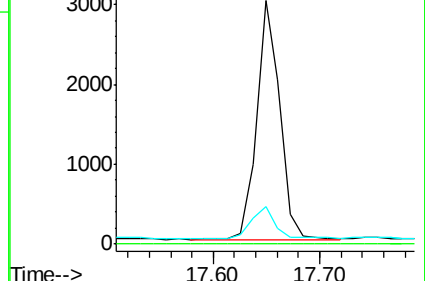
80 15.3 3.6 5.4#

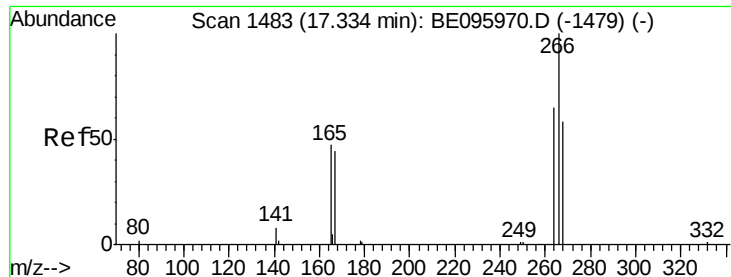


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

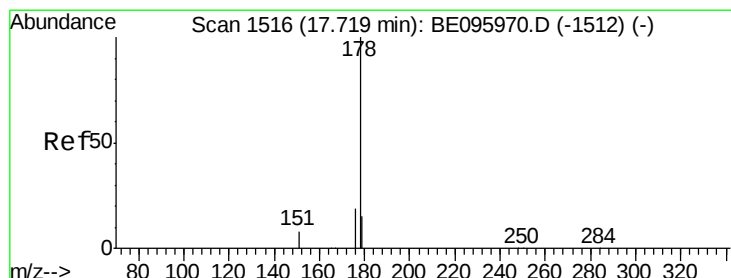
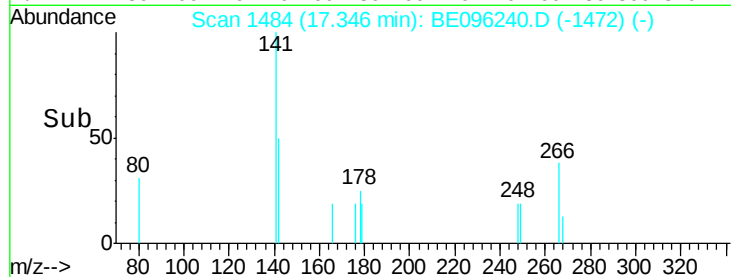
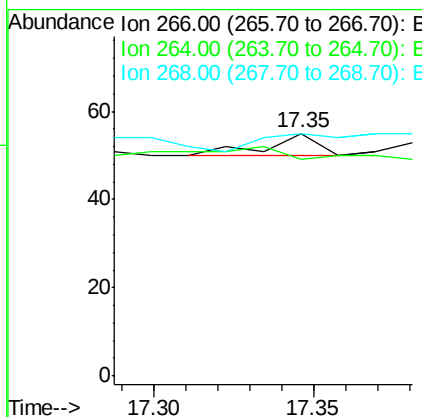
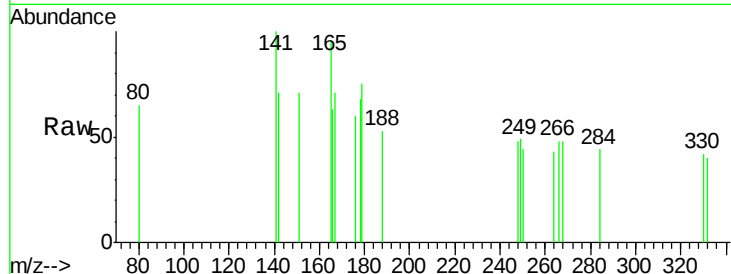




#22
 Pentachlorophenol
 Concen: 0.140 ng
 RT: 17.35 min Scan# 1484
 Delta R.T. 0.04 min
 Lab File: BE096240.D
 Acq: 1 May 2018 2:09

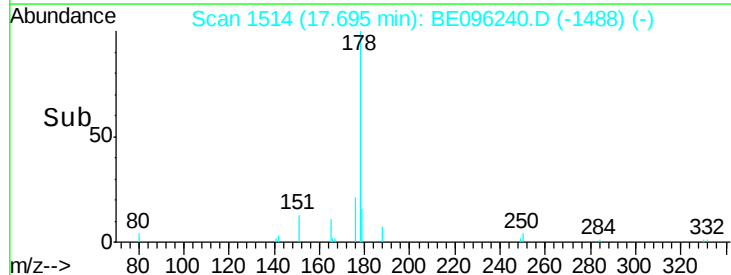
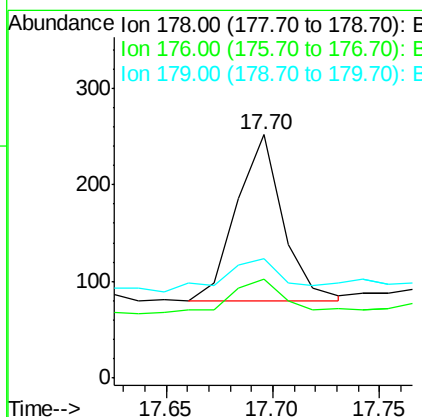
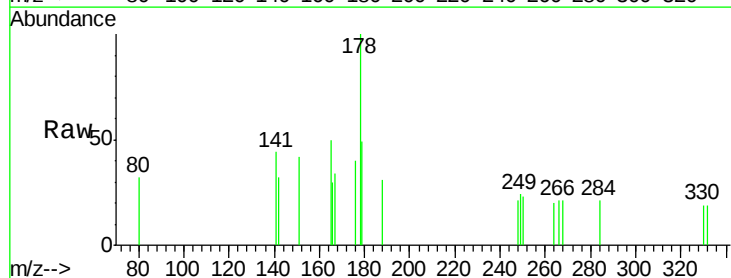
Instrument :
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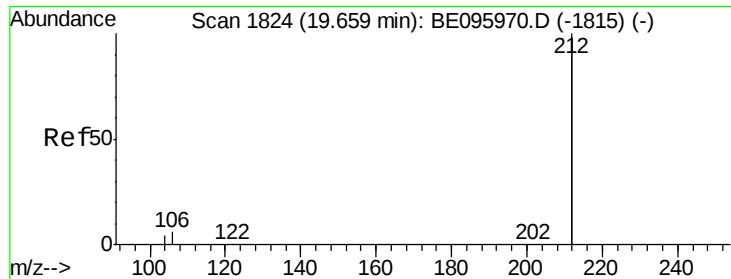
Tgt Ion: 266 Resp: 6
 Ion Ratio Lower Upper
 266 100
 264 89.1 72.5 108.7
 268 100.0 73.8 110.6



#23
 Phenanthrene
 Concen: 0.021 ng
 RT: 17.70 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BE096240.D
 Acq: 1 May 2018 2:09

Tgt Ion: 178 Resp: 260
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 0.0 11.8 17.6#





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20180425

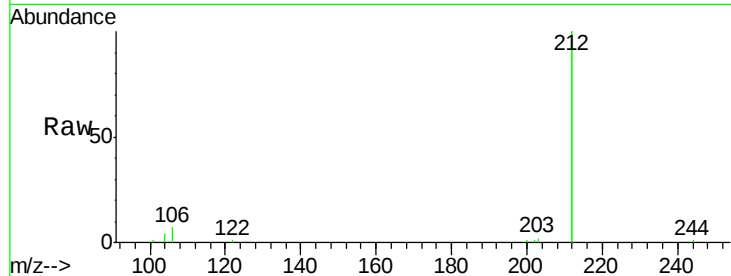
Tgt Ion:212 Resp: 23947

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

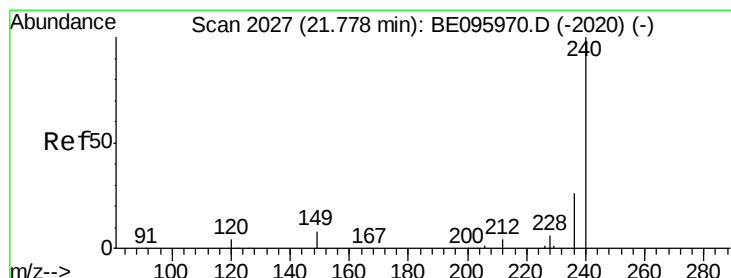
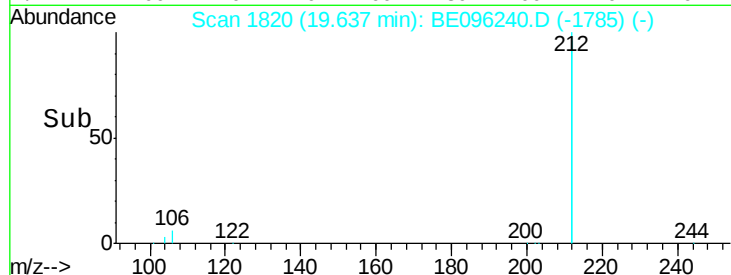
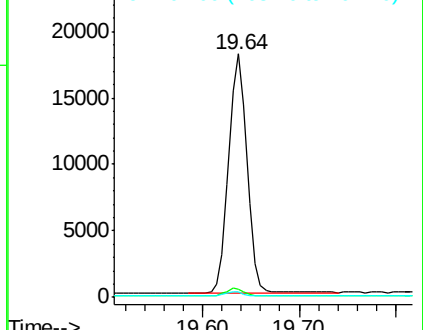
104 2.1 1.6 2.4



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: BE096240.D

Acq: 1 May 2018 2:09

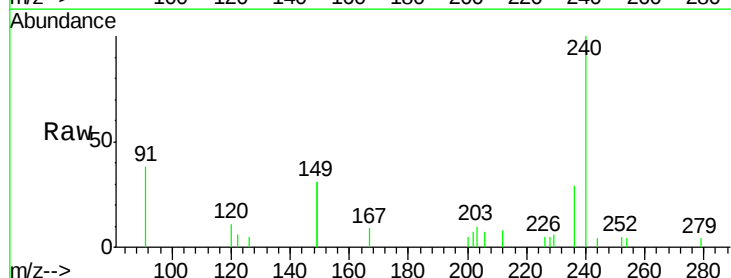
Tgt Ion:240 Resp: 4341

Ion Ratio Lower Upper

240 100

120 11.1 5.5 8.3#

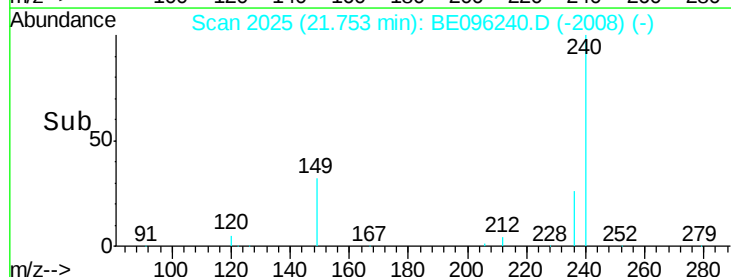
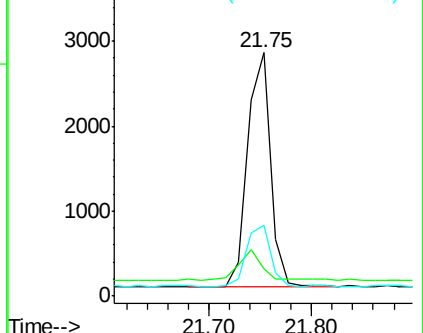
236 28.8 20.7 31.1

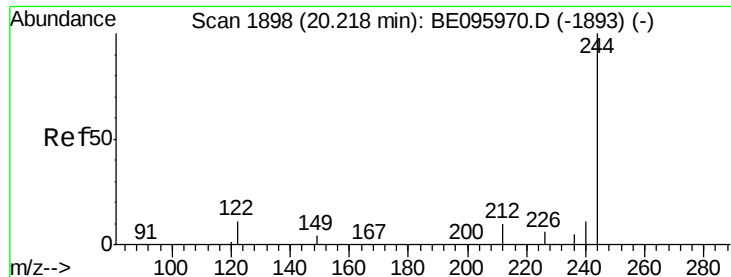


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.568 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20180425

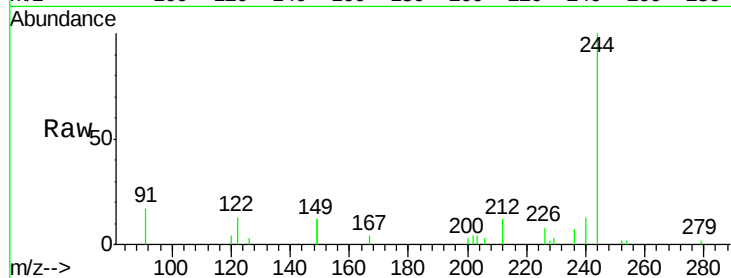
Tgt Ion:244 Resp: 5450

Ion Ratio Lower Upper

244 100

212 12.1 25.4 38.0#

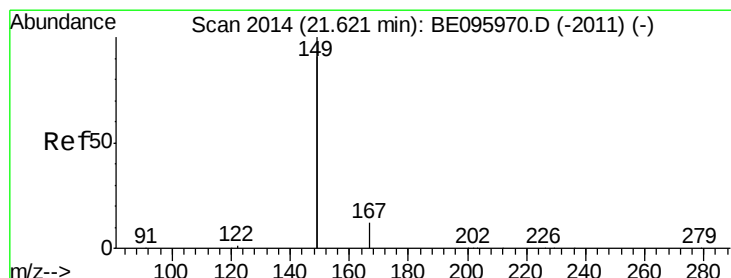
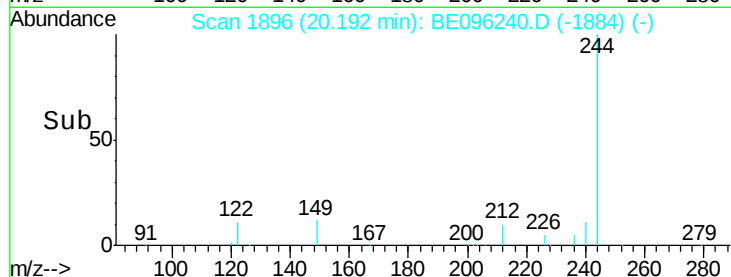
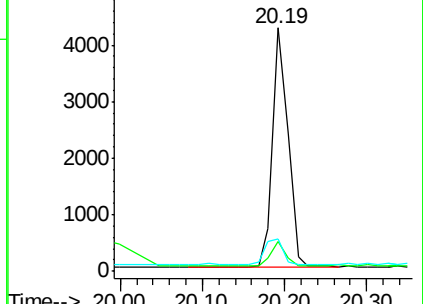
122 13.3 8.1 12.1#



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: 0.174 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

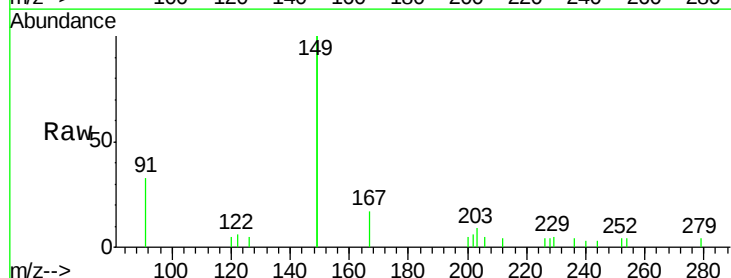
Tgt Ion:149 Resp: 6254

Ion Ratio Lower Upper

149 100

167 7.9 5.4 8.0

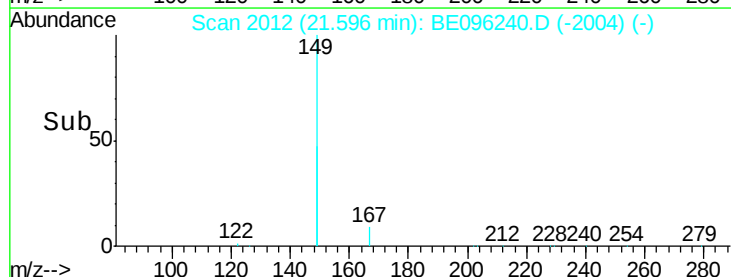
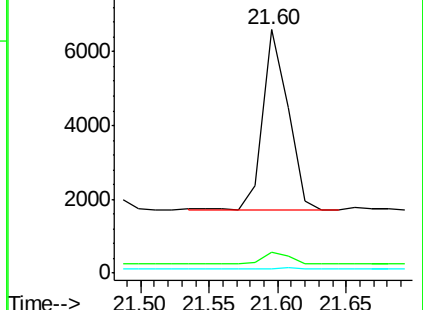
279 0.8 0.7 1.1

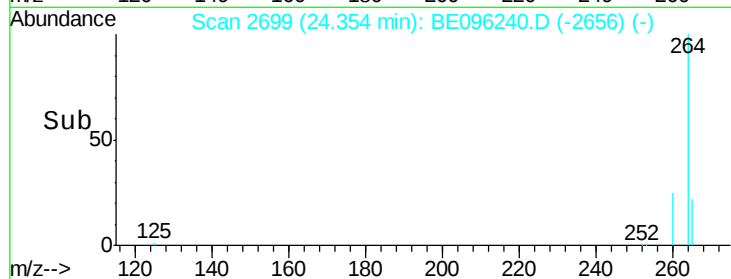
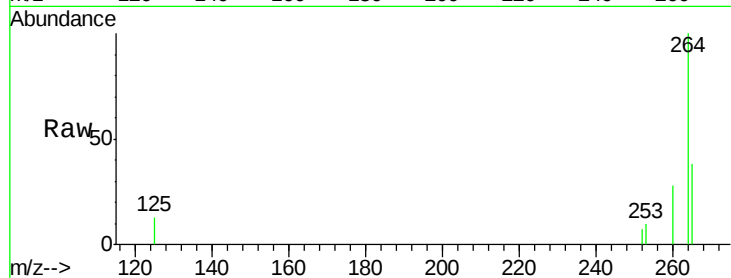
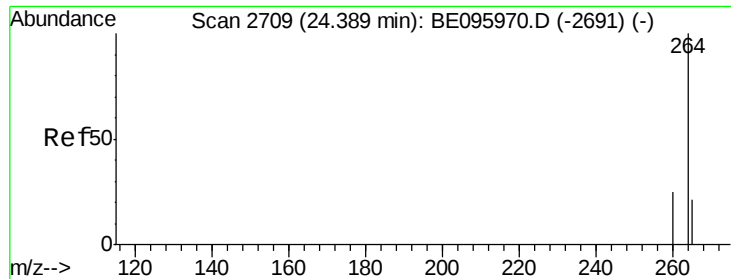


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2699

Delta R.T. 0.00 min

Lab File: BE096240.D

Acq: 1 May 2018 2:09

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW304S-20180425

Tgt Ion:264 Resp: 4200

Ion Ratio Lower Upper

264 100

260 28.2 20.5 30.7

265 38.4 22.8 34.2#

