

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
 Data File : BE097007.D
 Acq On : 19 Jul 2018 16:26
 Operator : SJ/JU
 Sample : J4014-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D3-071218

Quant Time: Jul 20 04:45:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

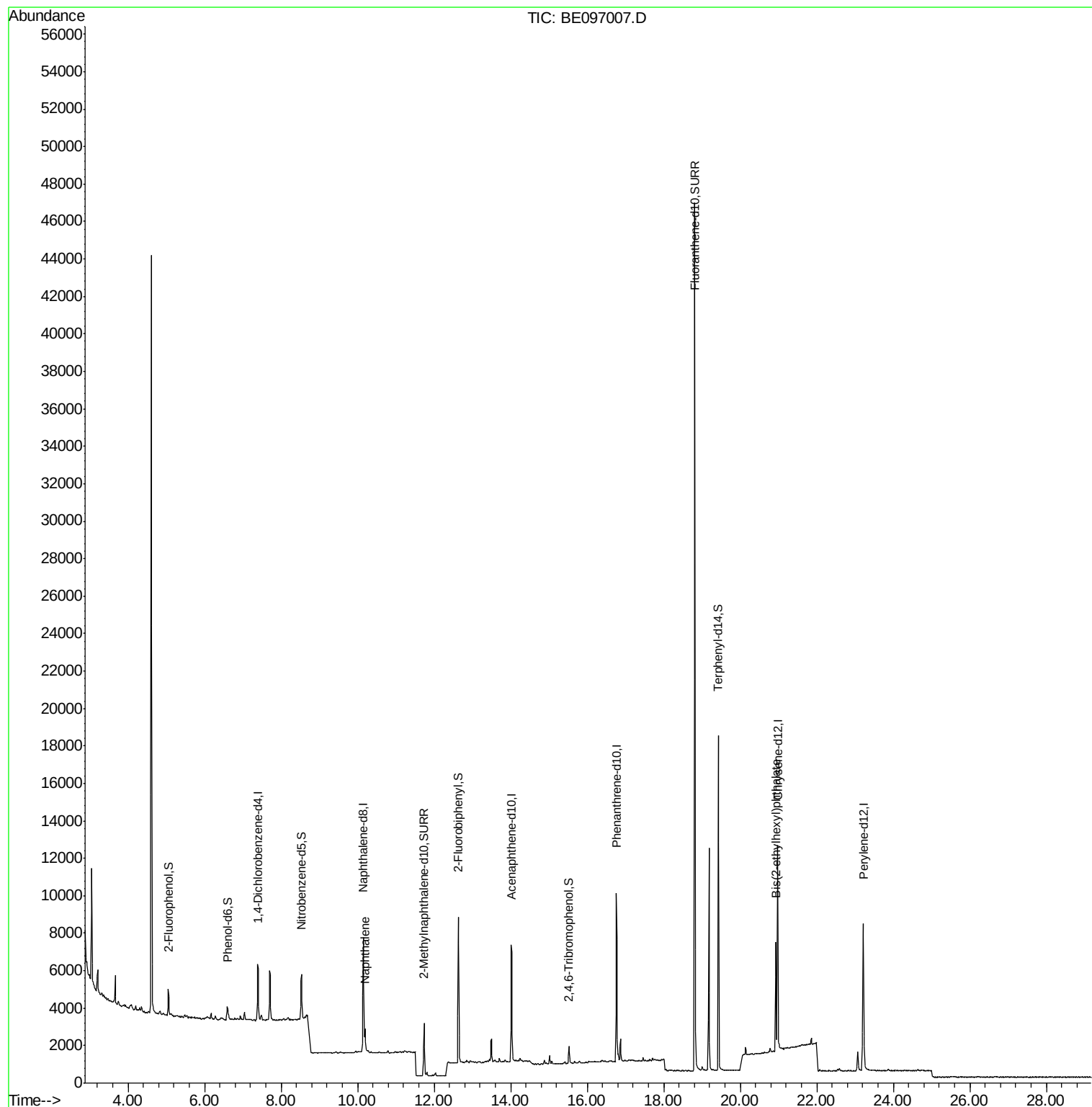
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1408	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6557	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4015	0.40	ng	-0.01
19) Phenanthrene-d10	16.76	188	12169	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	11895	0.40	ng	0.00
34) Perylene-d12	23.21	264	10652	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	697	0.21	ng	0.01
5) Phenol-d6	6.59	99	591	0.11	ng	0.00
8) Nitrobenzene-d5	8.53	82	2280	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3864	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	532	0.57	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7288	0.49	ng	-0.01
25) Fluoranthene-d10	18.81	212	60102	0.57	ng	0.00
29) Terphenyl-d14	19.43	244	15306	0.67	ng	0.00
Target Compounds						
9) Naphthalene	10.20	128	1844	0.031	ng	# 90
32) Bis(2-ethylhexyl)phthalate	20.93	149	7249	0.256	ng	# 100

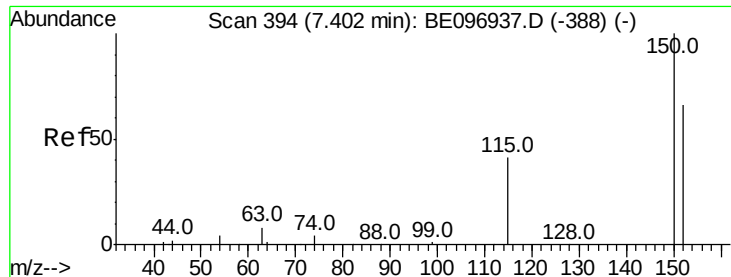
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. -0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

Instrument :

BNA_E

ClientSampleId :

RE122D3-071218

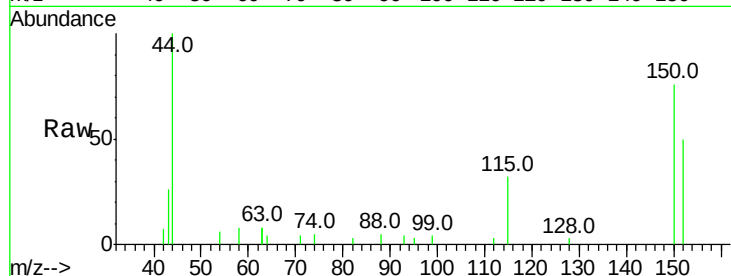
Tot Ion:152 Resp: 1408

Ion Ratio Lower Upper

152 100

150 153.2 117.2 175.8

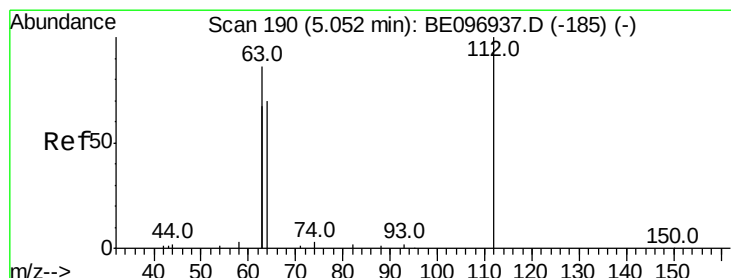
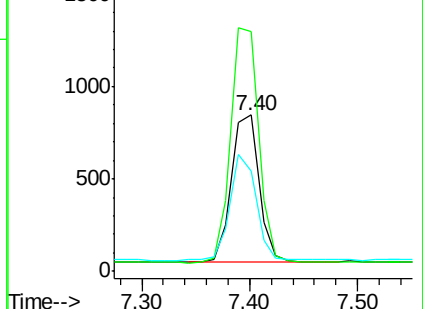
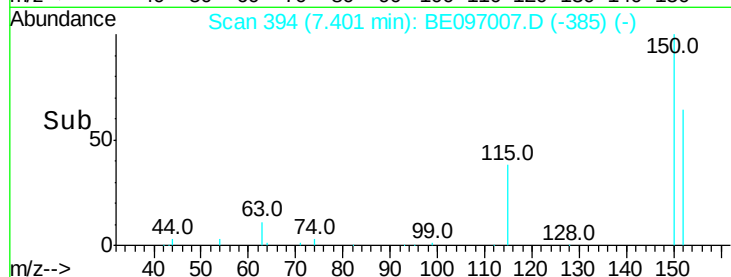
115 64.1 57.0 85.6



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: 0.207 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

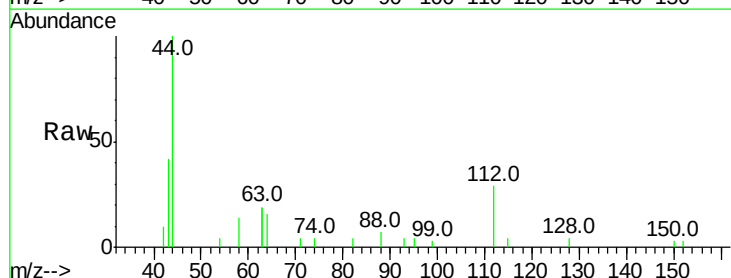
Tgt Ion:112 Resp: 697

Ion Ratio Lower Upper

112 100

64 72.0 60.1 90.1

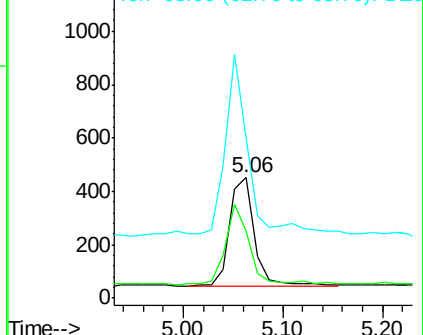
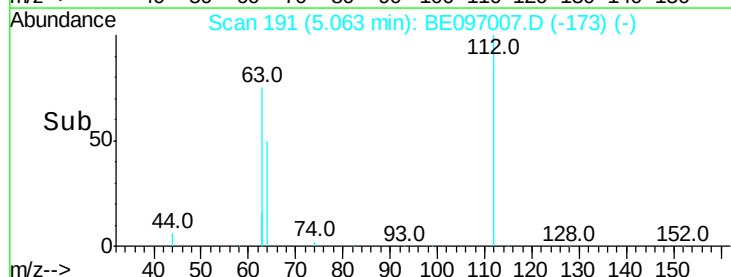
63 155.7 116.8 175.2

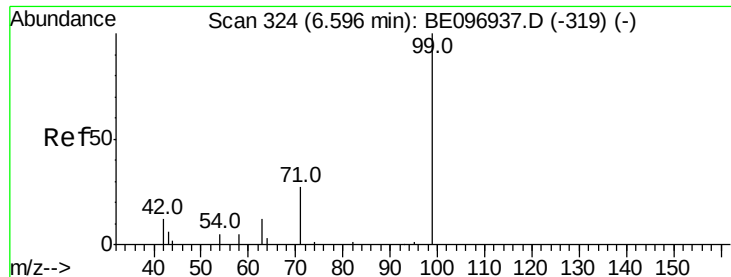


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.115 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

Instrument :

BNA_E

ClientSampleId :

RE122D3-071218

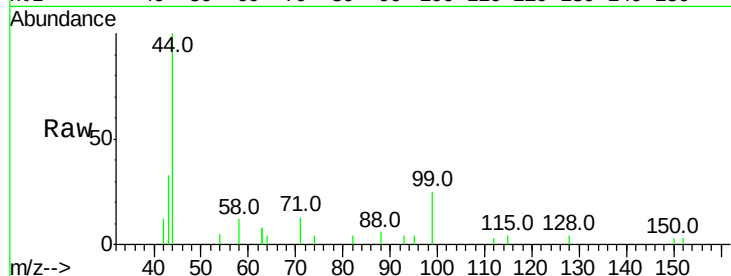
Tot Ion: 99 Resp: 591

Ion Ratio Lower Upper

99 100

42 29.3 20.2 30.2

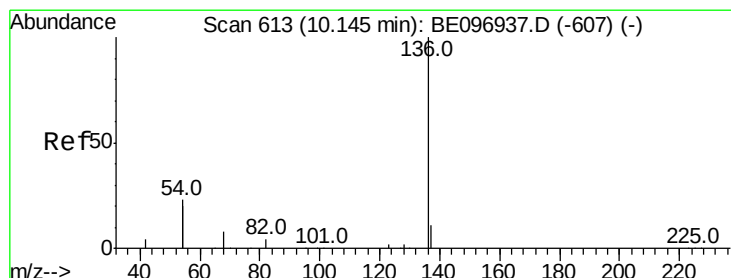
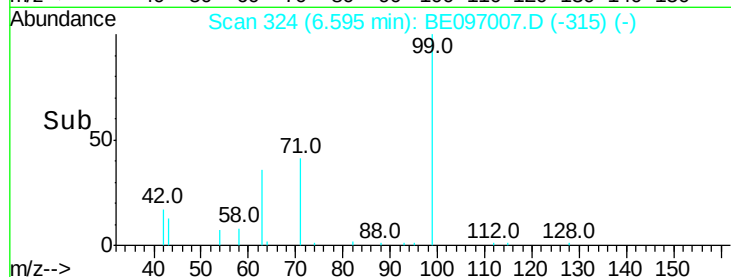
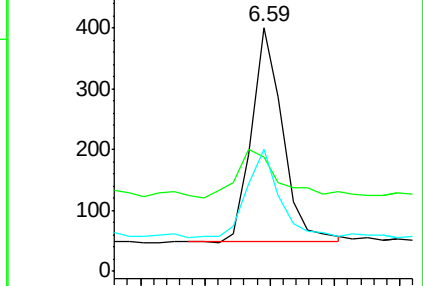
71 42.6 28.4 42.6#



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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

Tgt Ion: 136 Resp: 6557

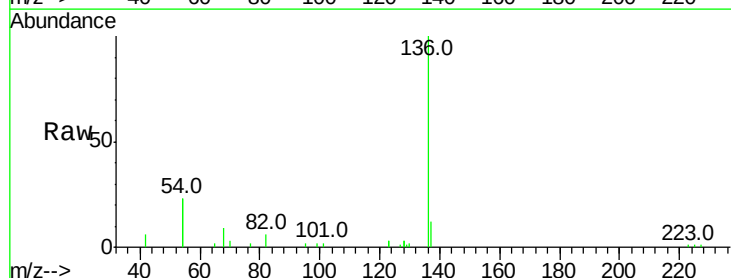
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 45.5 29.1 43.7#

68 8.9 6.2 9.2

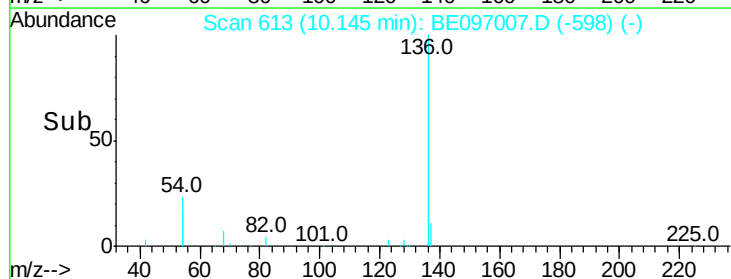
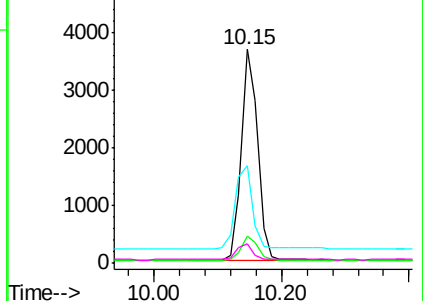


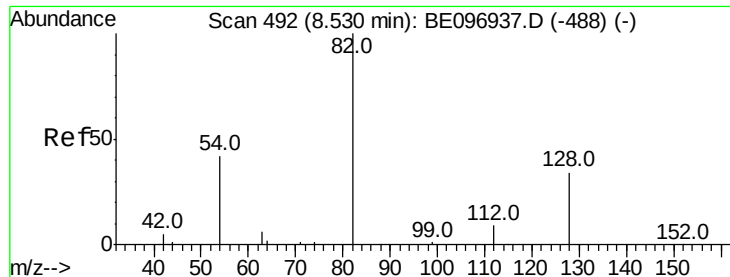
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.477 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

Instrument :

BNA_E

ClientSampleId :

RE122D3-071218

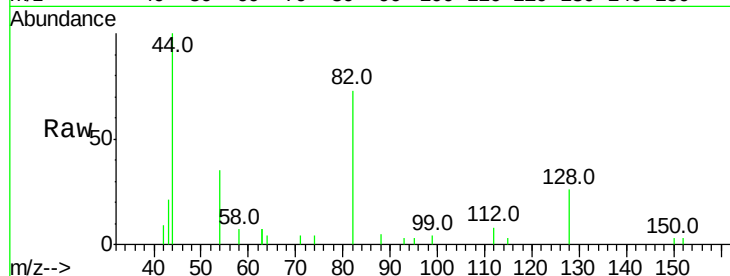
Tot Ion: 82 Resp: 2280

Ion Ratio Lower Upper

82 100

128 35.1 24.0 36.0

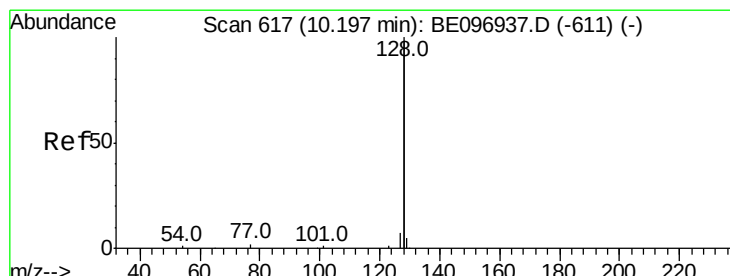
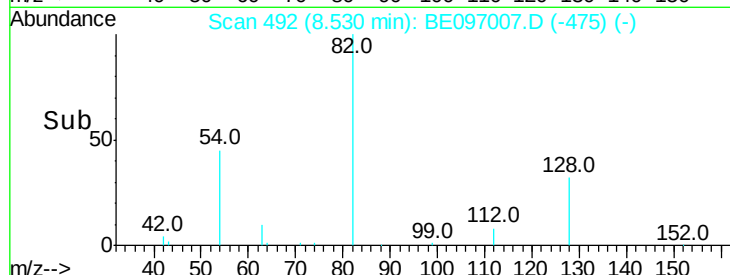
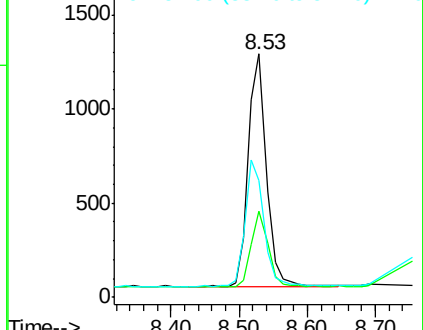
54 47.8 40.0 60.0



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: 0.031 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

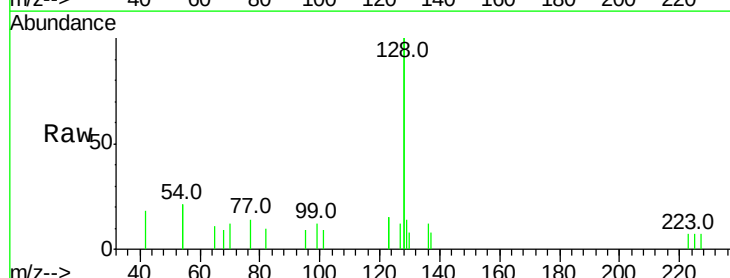
Tgt Ion:128 Resp: 1844

Ion Ratio Lower Upper

128 100

129 7.0 2.6 3.8#

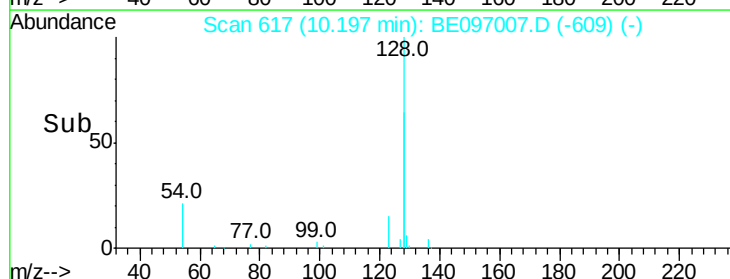
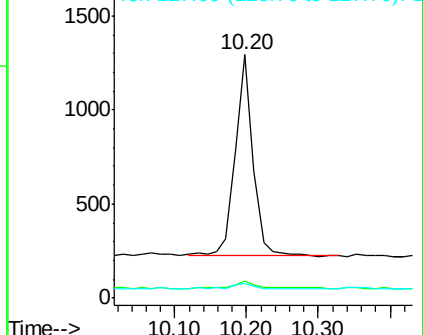
127 6.2 2.8 4.2#

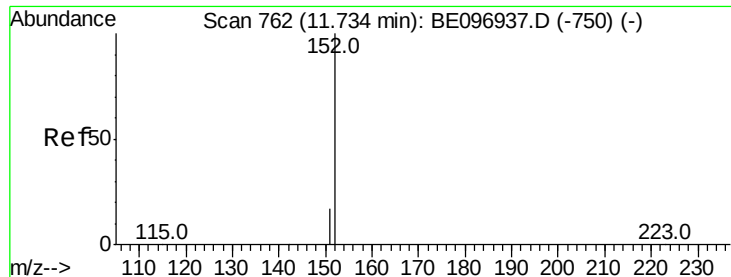


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.404 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

Instrument :

BNA_E

ClientSampleId :

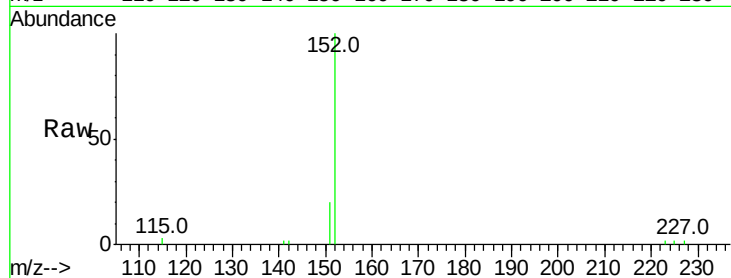
RE122D3-071218

Tot Ion:152 Resp: 3864

Ion Ratio Lower Upper

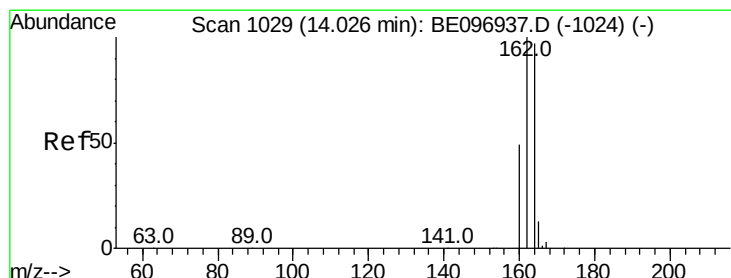
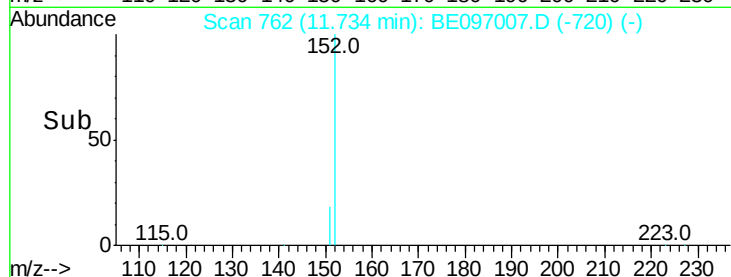
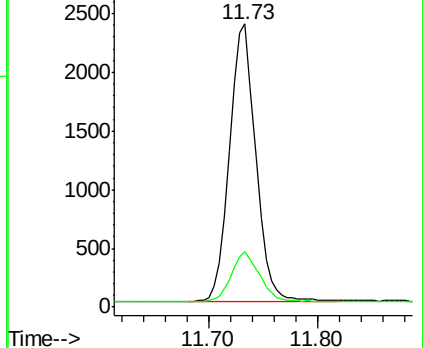
152 100

151 19.3 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: 14.01 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

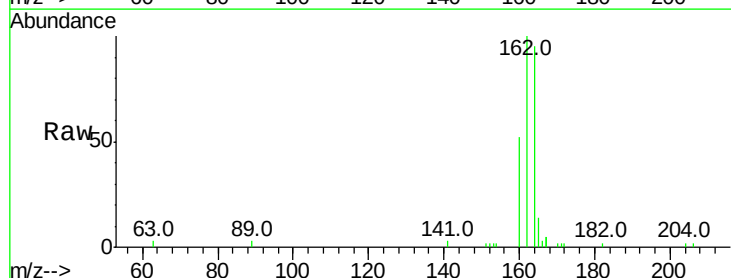
Tgt Ion:164 Resp: 4015

Ion Ratio Lower Upper

164 100

162 105.0 83.1 124.7

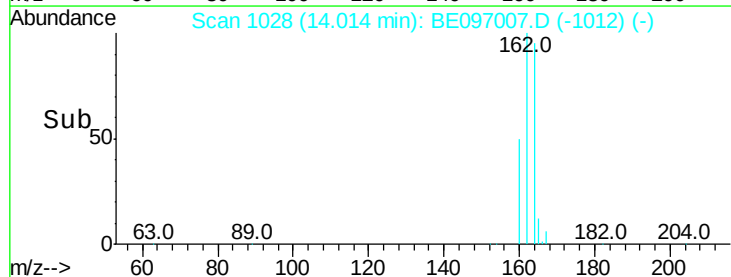
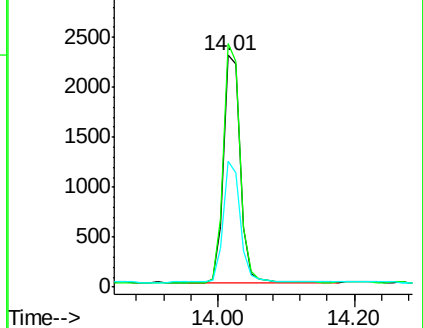
160 54.1 37.1 55.7

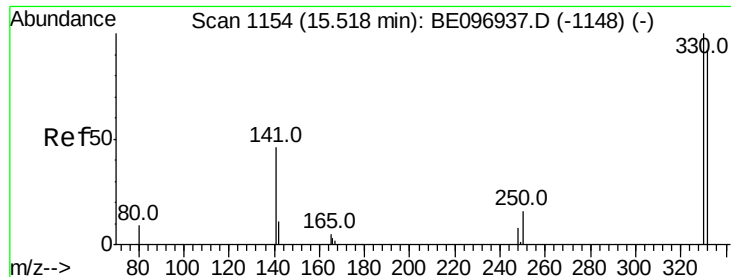


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

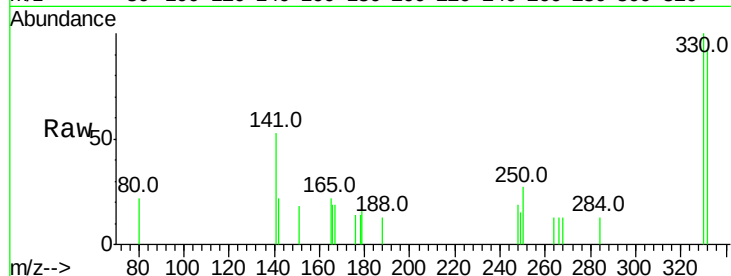




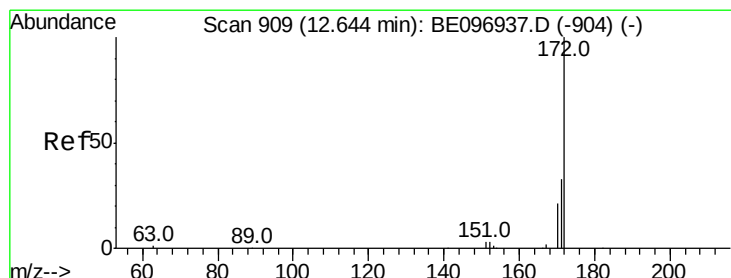
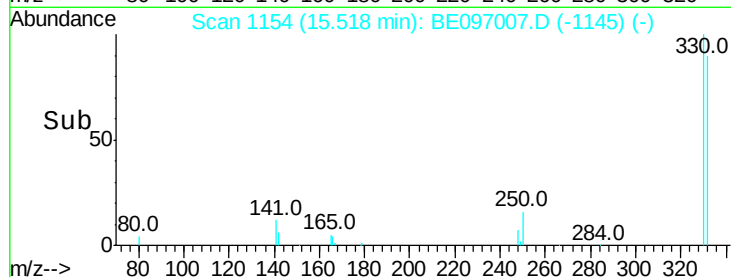
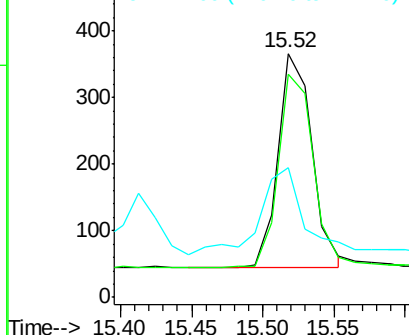
#14
 2,4,6-Tribromophenol
 Concen: 0.568 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097007.D
 Acq: 19 Jul 2018 16:26

Instrument :
 BNA_E
 ClientSampleId :
 RE122D3-071218

Tot Ion:330 Resp: 532
 Ion Ratio Lower Upper
 330 100
 332 93.4 152.7 229.1#
 141 51.3 33.7 50.5#

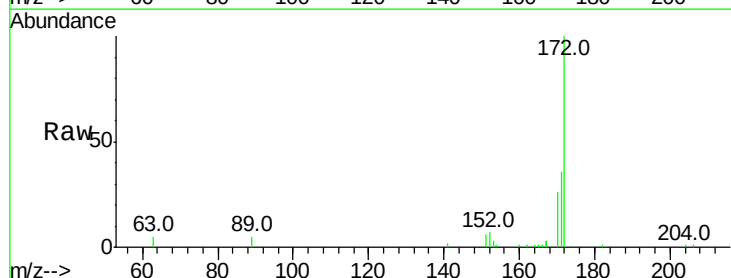


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

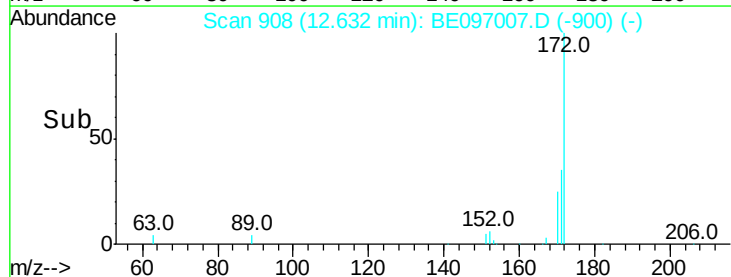
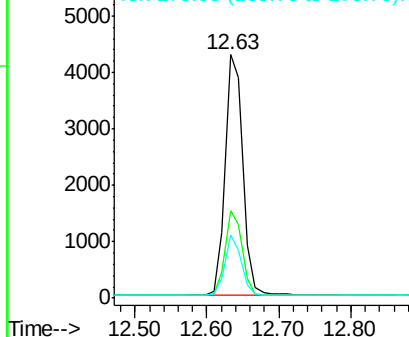


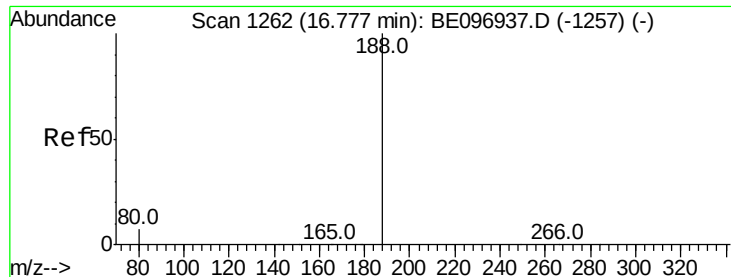
#15
 2-Fluorobiphenyl
 Concen: 0.488 ng
 RT: 12.63 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BE097007.D
 Acq: 19 Jul 2018 16:26

Tgt Ion:172 Resp: 7288
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.9 44.9
 170 26.0 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: 16.76 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

Instrument :

BNA_E

ClientSampleId :

RE122D3-071218

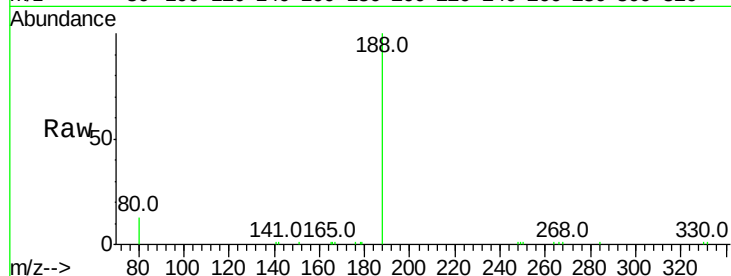
Tot Ion:188 Resp: 12169

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

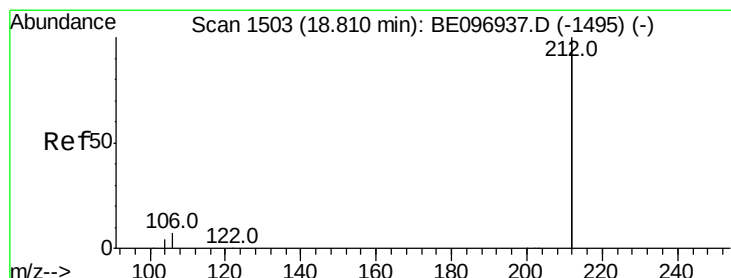
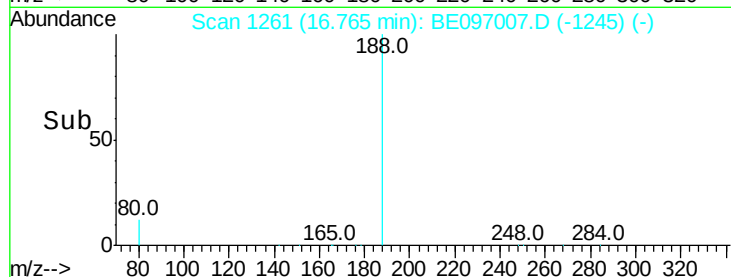
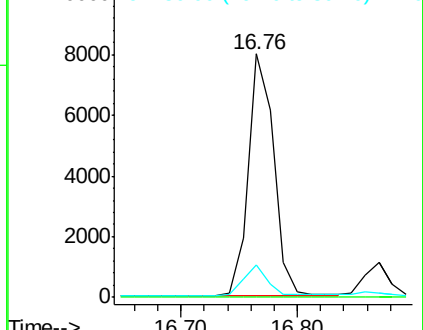
80 13.2 3.6 5.4#



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: 0.568 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

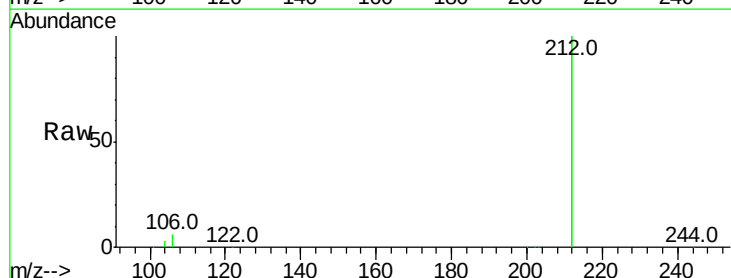
Tgt Ion:212 Resp: 60102

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

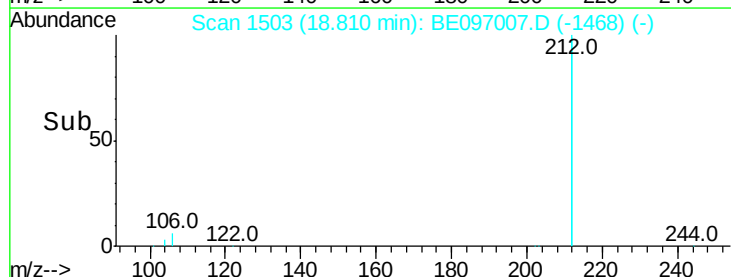
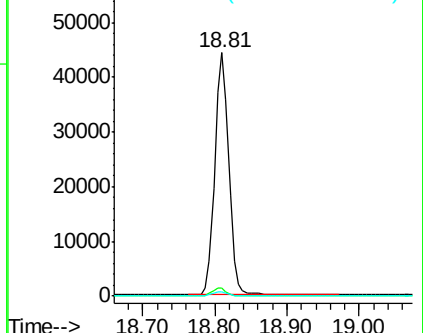
104 1.7 1.6 2.4

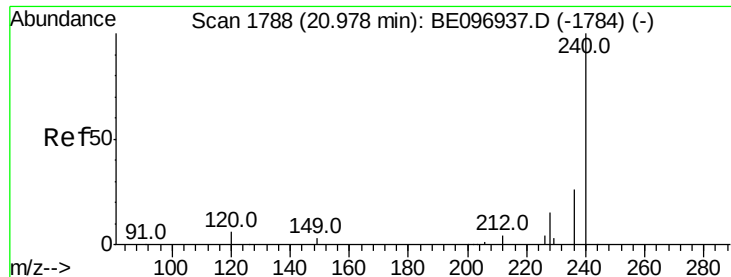


Abundance Ion 212.00 (211.70 to 212.70): E

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: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

Instrument :

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RE122D3-071218

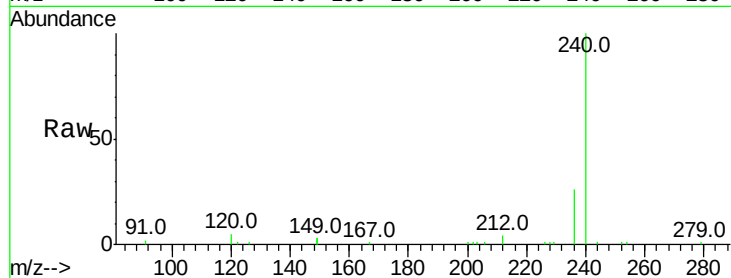
Tot Ion:240 Resp: 11895

Ion Ratio Lower Upper

240 100

120 4.5 5.5 8.3#

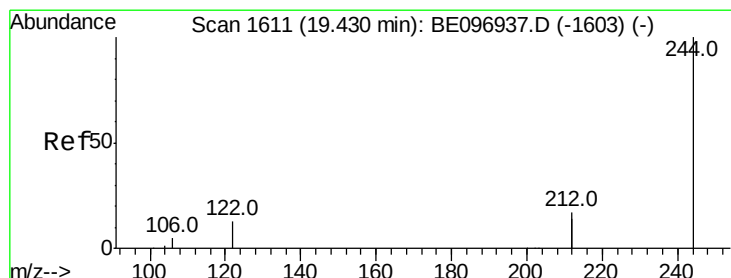
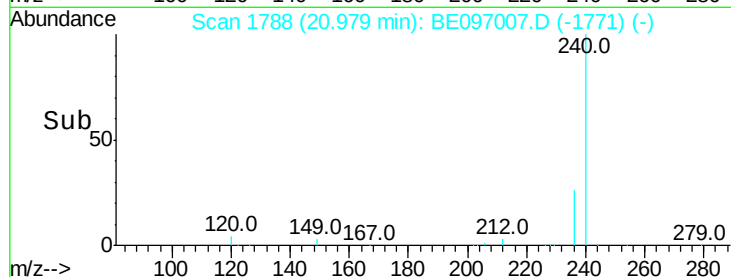
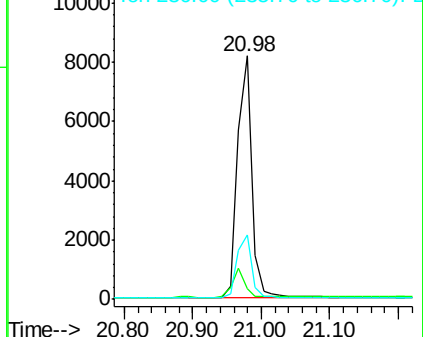
236 26.3 20.7 31.1



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: 0.667 ng

RT: 19.43 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

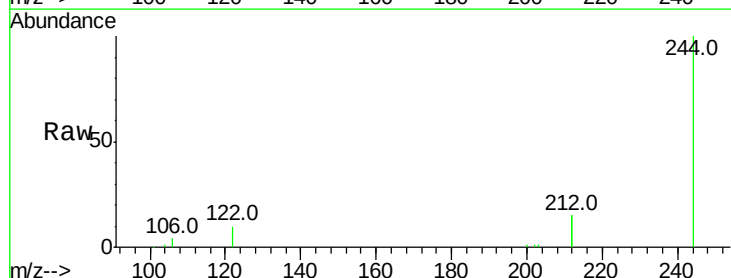
Tgt Ion:244 Resp: 15306

Ion Ratio Lower Upper

244 100

212 31.0 25.4 38.0

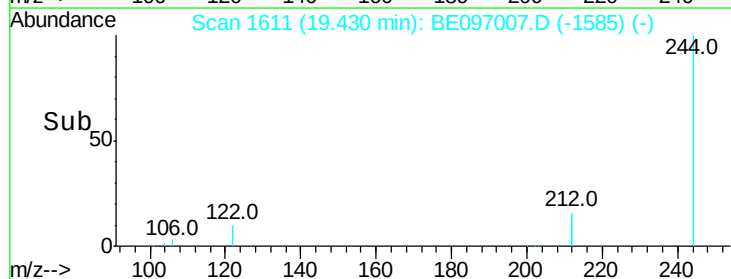
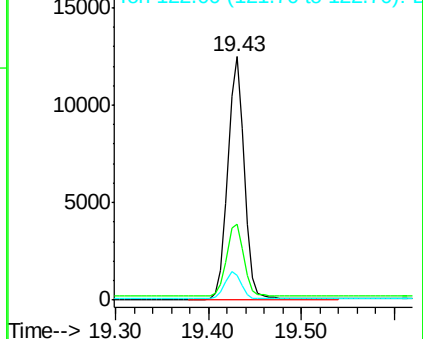
122 10.1 8.1 12.1

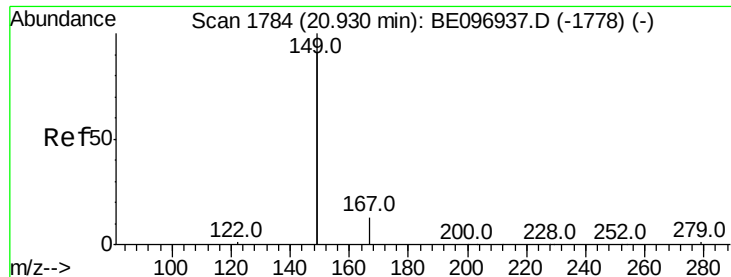


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.256 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

Instrument :

BNA_E

ClientSampleId :

RE122D3-071218

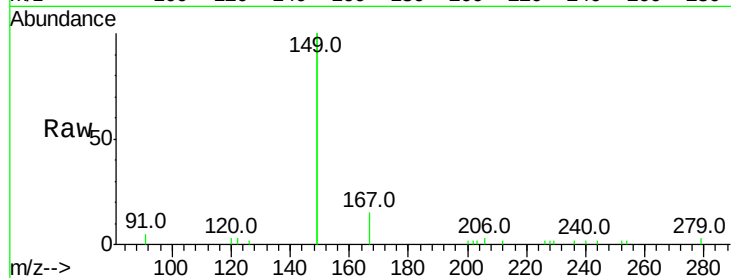
Tot Ion:149 Resp: 7249

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

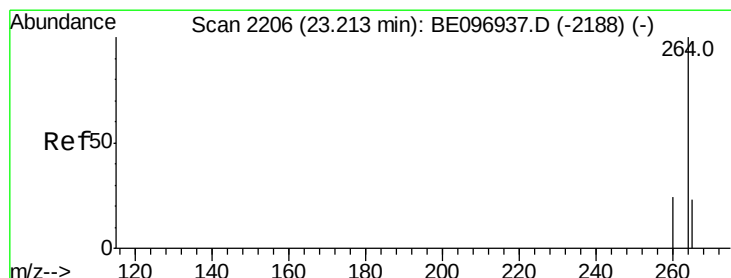
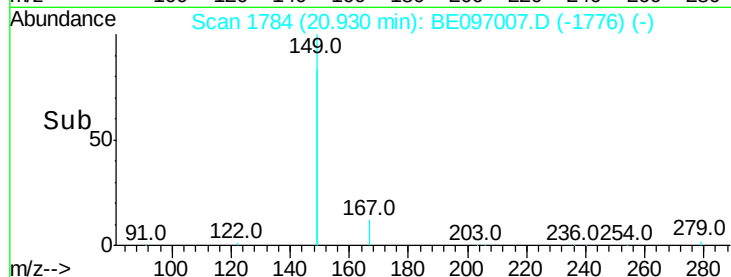
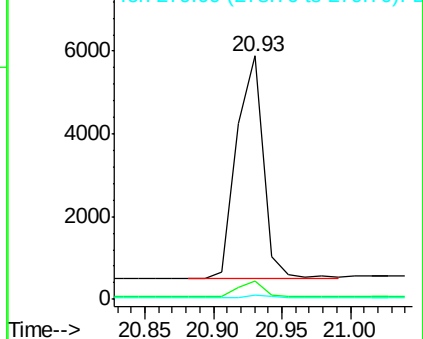
279 1.2 0.7 1.1#



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# 2206

Delta R.T. 0.00 min

Lab File: BE097007.D

Acq: 19 Jul 2018 16:26

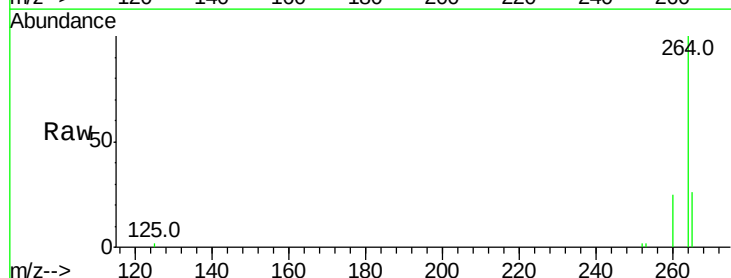
Tgt Ion:264 Resp: 10652

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 26.1 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

