

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097060.D
 Acq On : 24 Jul 2018 6:22
 Operator : SJ/JU
 Sample : J4073-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB02-071718

Quant Time: Jul 24 08:03:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 11:34:20 2018
 Response via : Initial Calibration

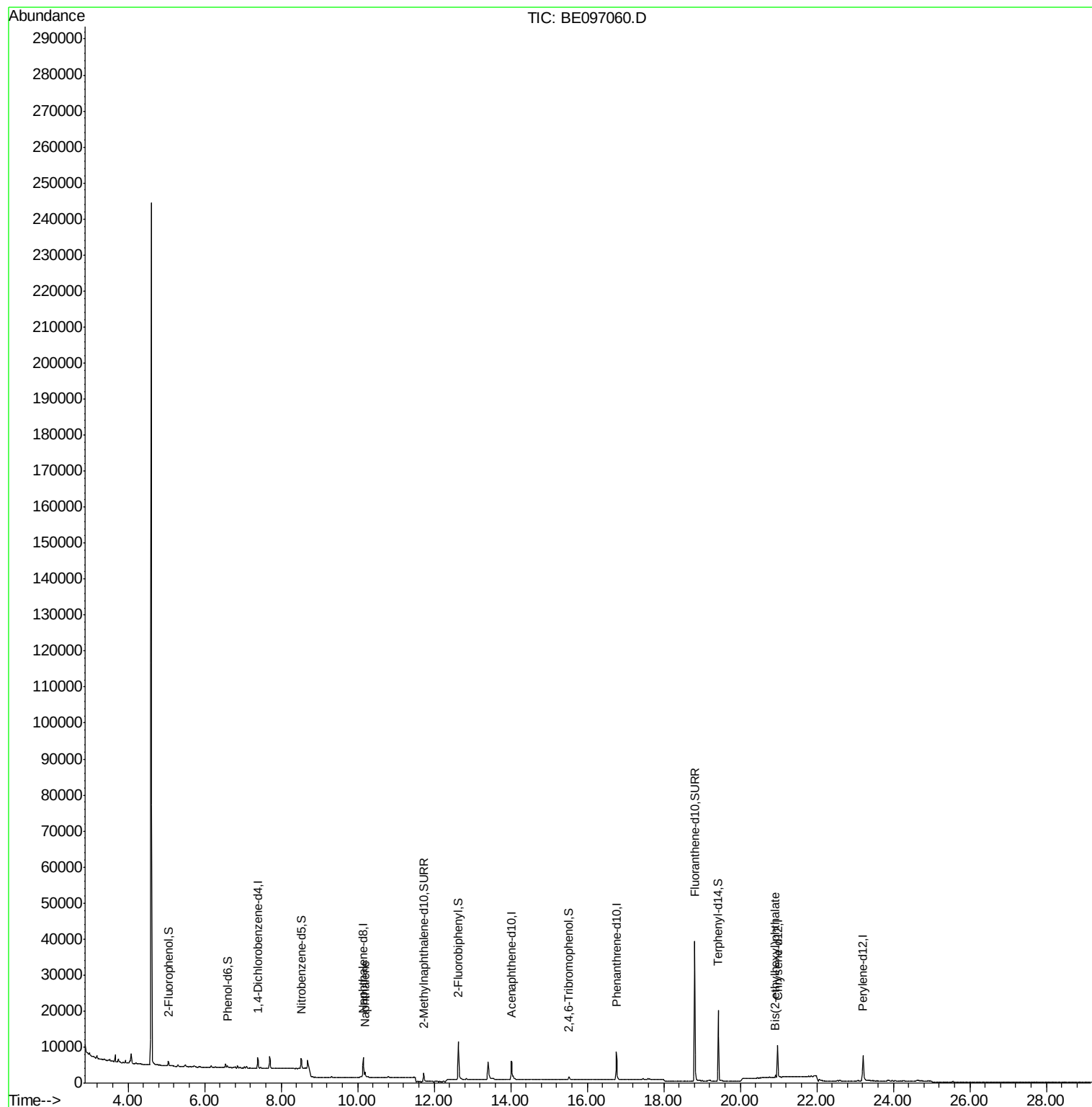
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1349	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6087	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3602	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	10849	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10545	0.40	ng	0.00
34) Perylene-d12	23.21	264	10449	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	663	0.21	ng	0.00
5) Phenol-d6	6.60	99	531	0.11	ng	0.00
8) Nitrobenzene-d5	8.52	82	2636	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3627	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	571	0.66	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	10526	0.79	ng	0.00
25) Fluoranthene-d10	18.81	212	51383	0.54	ng	0.00
29) Terphenyl-d14	19.43	244	16174	0.80	ng	0.00
Target Compounds						
9) Naphthalene	10.20	128	2423	0.044	ng	# 93
32) Bis(2-ethylhexyl)phthalate	20.92	149	926	0.037	ng	# 99

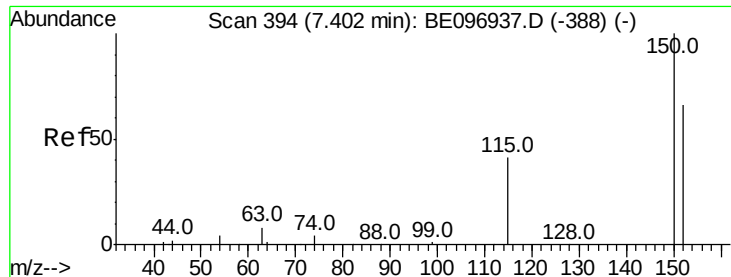
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

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BNA_E

ClientSampleId :

EB02-071718

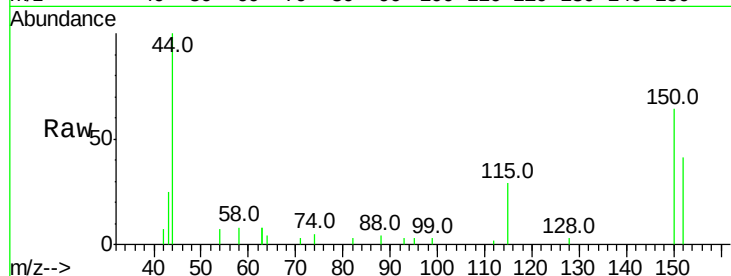
Tot Ion:152 Resp: 1349

Ion Ratio Lower Upper

152 100

150 155.8 117.2 175.8

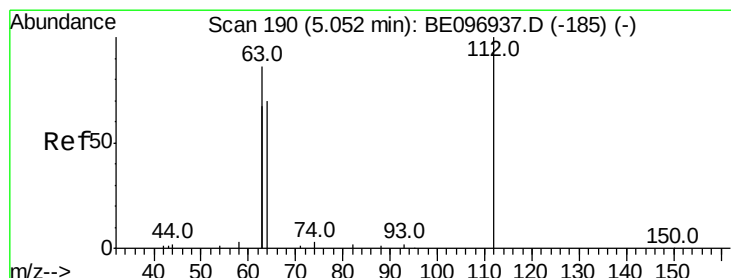
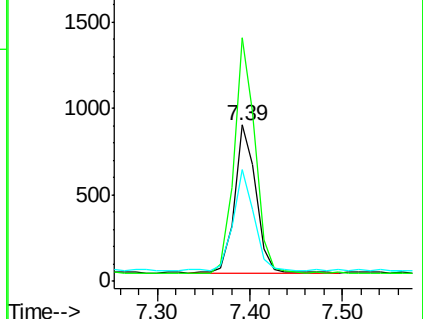
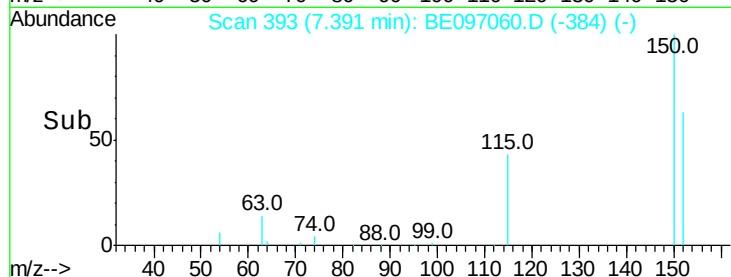
115 71.7 57.0 85.6



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: 0.205 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

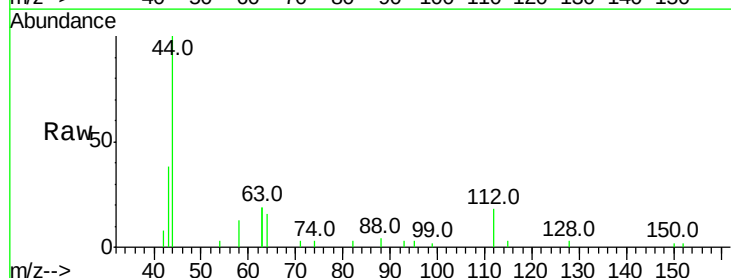
Tgt Ion:112 Resp: 663

Ion Ratio Lower Upper

112 100

64 72.4 60.1 90.1

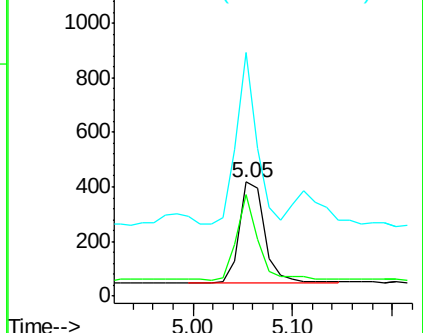
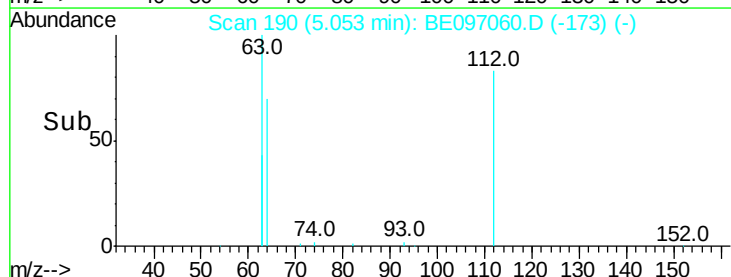
63 138.3 116.8 175.2

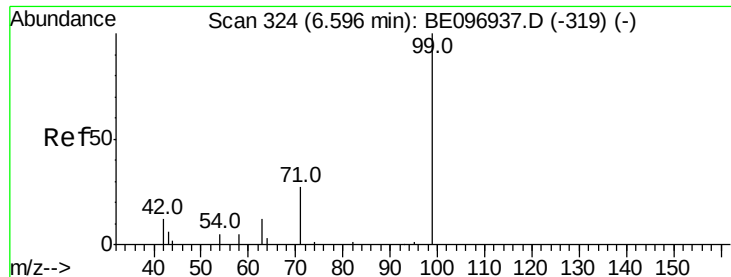


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.108 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

Instrument :

BNA_E

ClientSampleId :

EB02-071718

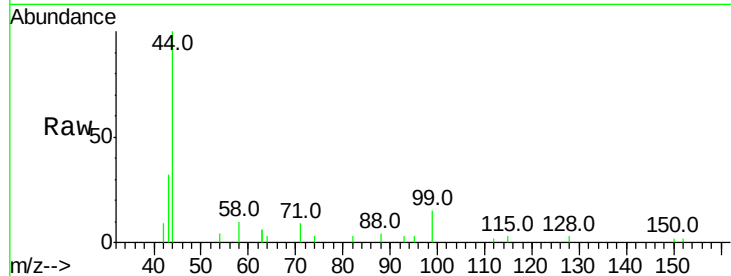
Tot Ion: 99 Resp: 531

Ion Ratio Lower Upper

99 100

42 24.3 20.2 30.2

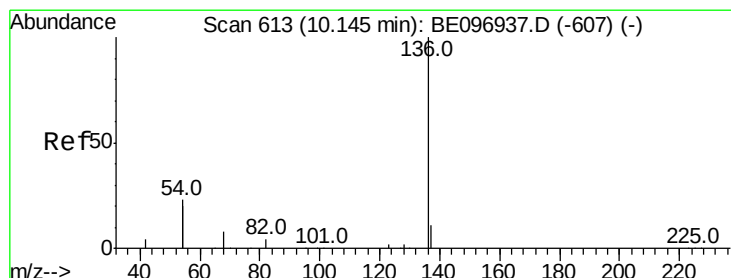
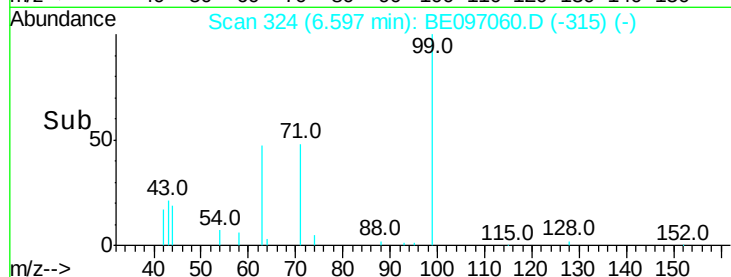
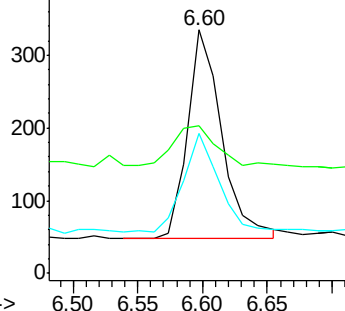
71 48.8 28.4 42.6#



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: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

Tgt Ion: 136 Resp: 6087

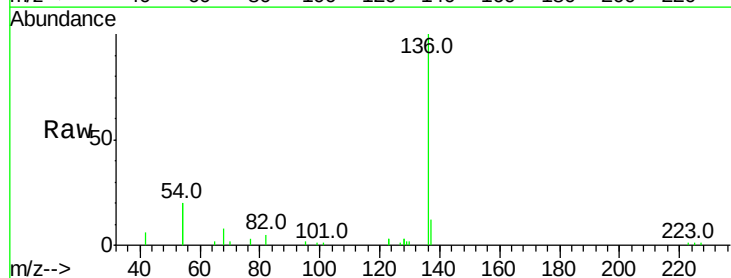
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 40.5 29.1 43.7

68 7.9 6.2 9.2

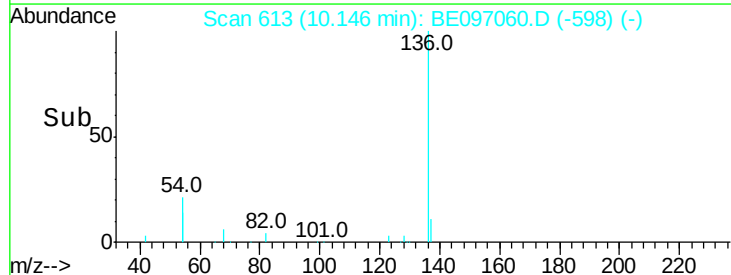
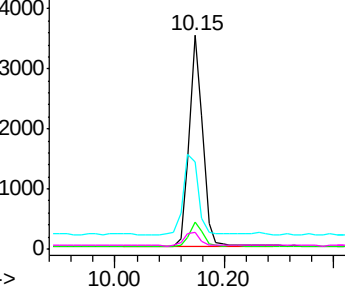


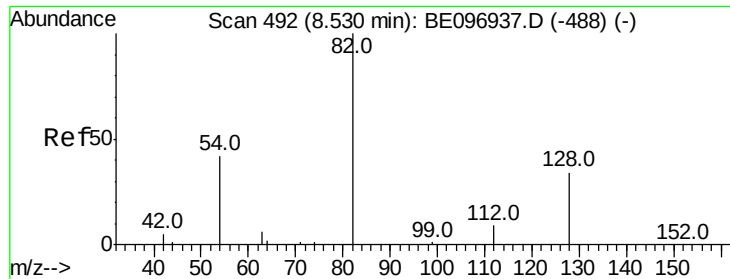
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.594 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

Instrument :

BNA_E

ClientSampleId :

EB02-071718

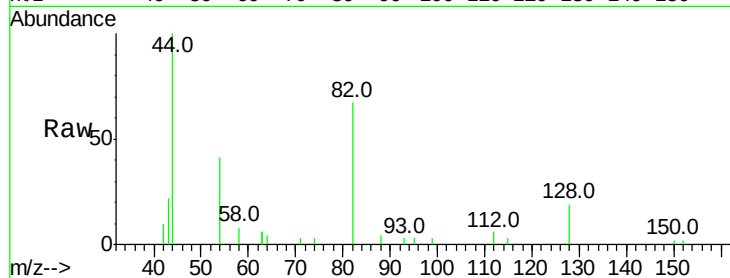
Tot Ion: 82 Resp: 2636

Ion Ratio Lower Upper

82 100

128 28.0 24.0 36.0

54 61.3 40.0 60.0#

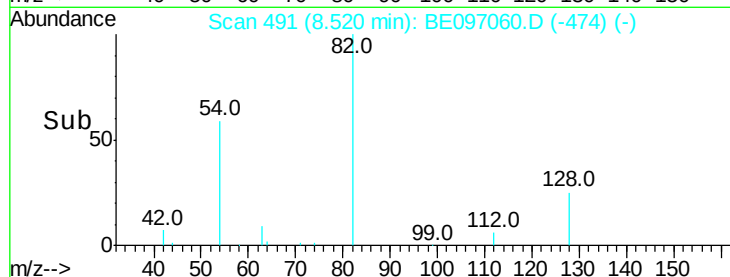


Abundance Ion 82.00 (81.70 to 82.70): BE0

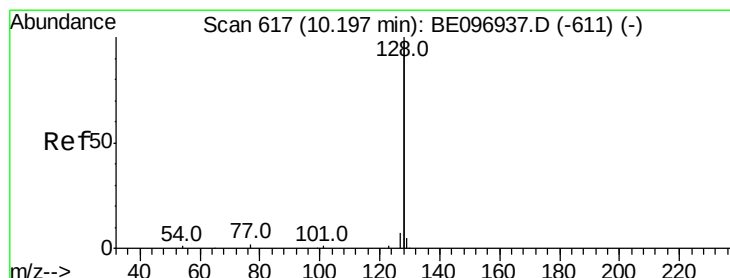
Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



Time-->



#9

Naphthalene

Concen: 0.044 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

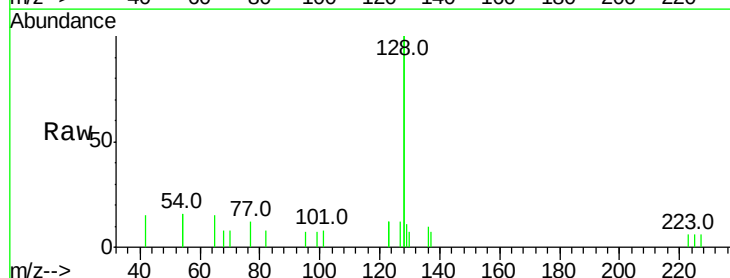
Tgt Ion:128 Resp: 2423

Ion Ratio Lower Upper

128 100

129 5.5 2.6 3.8#

127 6.0 2.8 4.2#

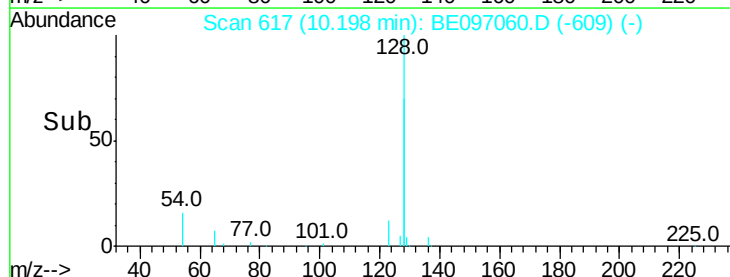


Abundance Ion 128.00 (127.70 to 128.70): E

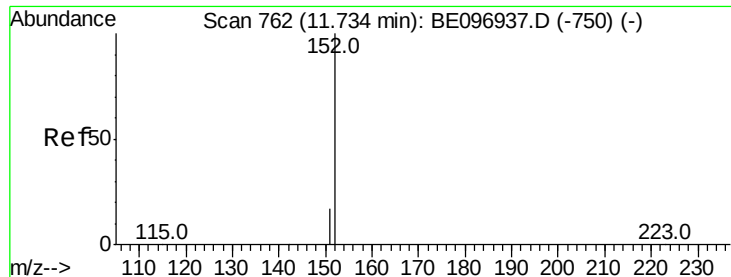
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



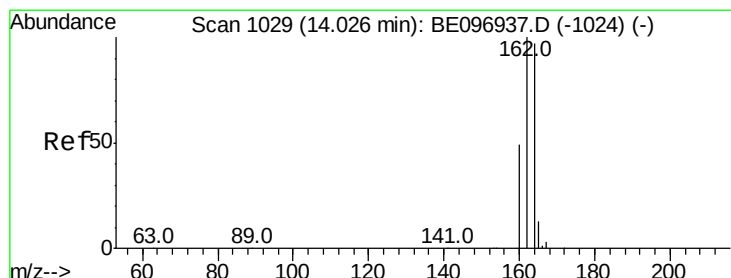
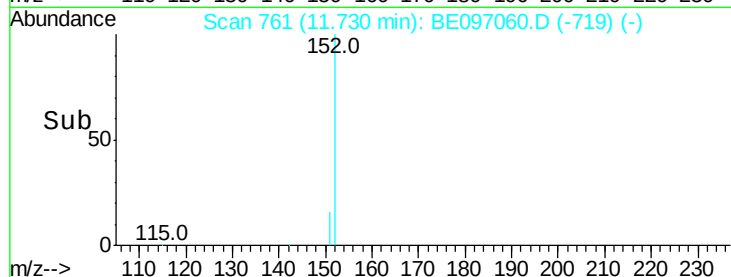
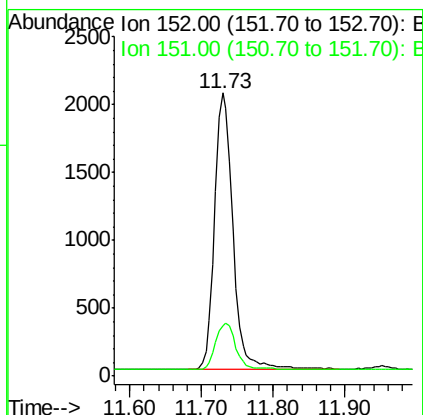
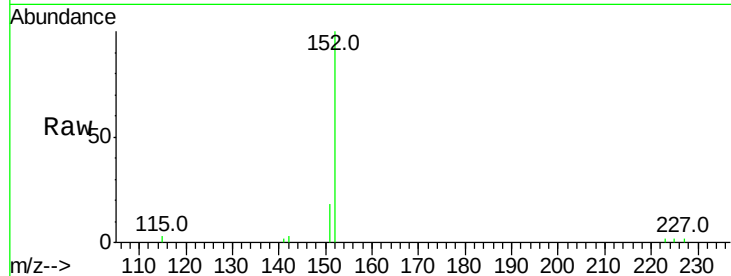
Time-->



#11
2-Methylnaphthalene-d10
Concen: 0.409 ng
RT: 11.73 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE097060.D
Acq: 24 Jul 2018 6:22

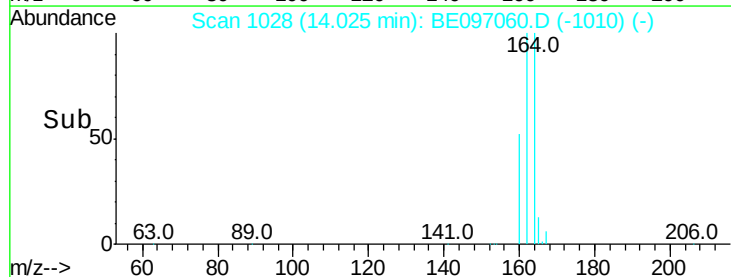
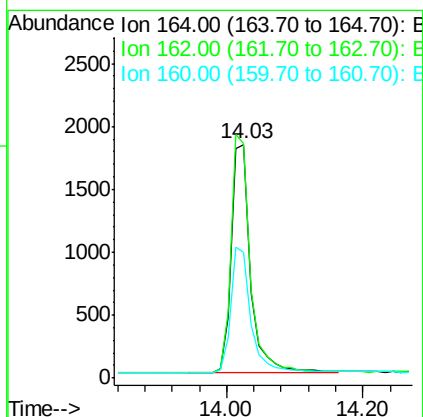
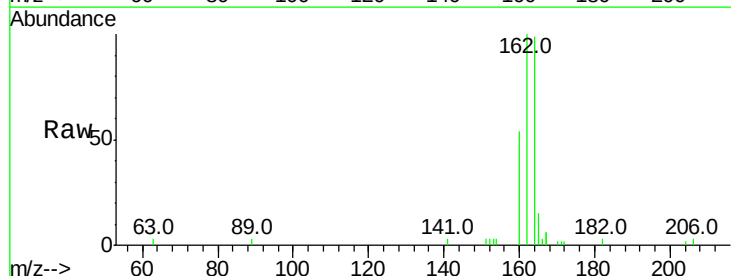
Instrument :
BNA_E
ClientSampleId :
EB02-071718

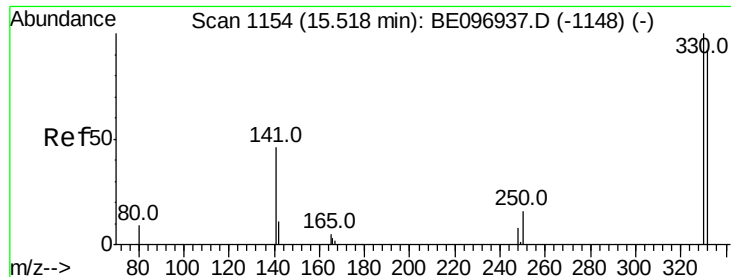
Tot Ion:152 Resp: 3627
Ion Ratio Lower Upper
152 100
151 18.2 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097060.D
Acq: 24 Jul 2018 6:22

Tgt Ion:164 Resp: 3602
Ion Ratio Lower Upper
164 100
162 100.5 83.1 124.7
160 54.0 37.1 55.7

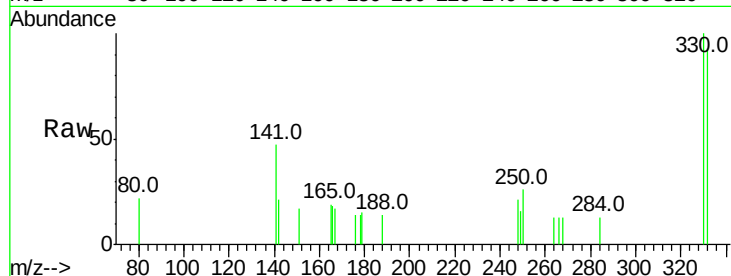




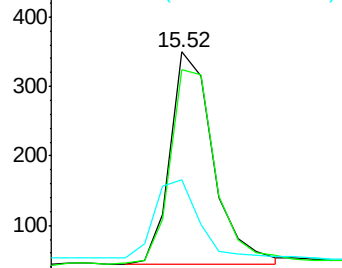
#14
 2,4,6-Tribromophenol
 Concen: 0.659 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097060.D
 Acq: 24 Jul 2018 6:22

Instrument :
 BNA_E
 ClientSampleId :
 EB02-071718

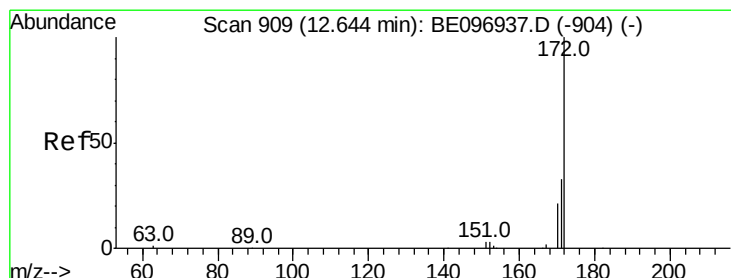
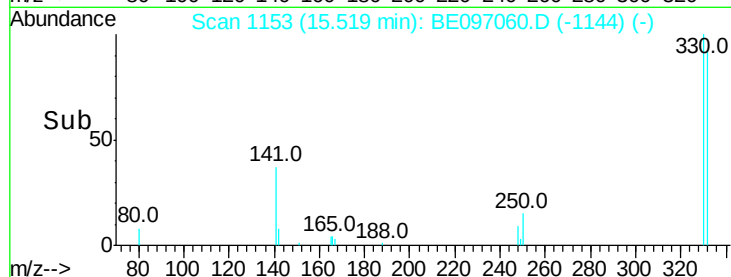
Tot Ion:330 Resp: 571
 Ion Ratio Lower Upper
 330 100
 332 96.5 152.7 229.1#
 141 38.0 33.7 50.5



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

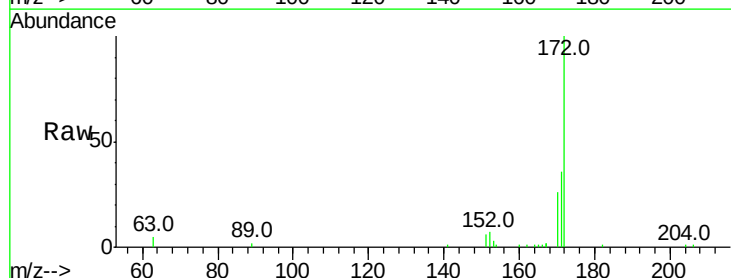


Time-->

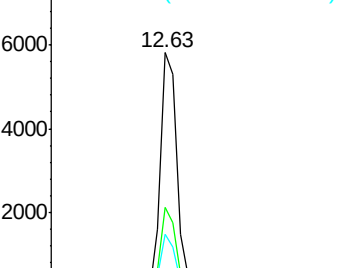


#15
 2-Fluorobiphenyl
 Concen: 0.786 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097060.D
 Acq: 24 Jul 2018 6:22

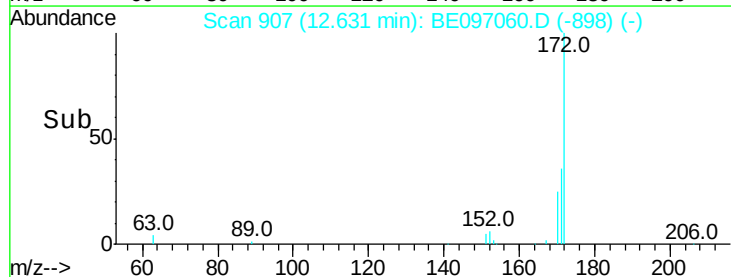
Tgt Ion:172 Resp: 10526
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.9 44.9
 170 25.6 21.8 32.8

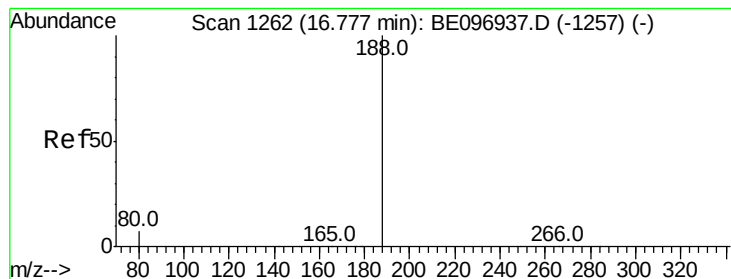


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

Instrument :

BNA_E

ClientSampleId :

EB02-071718

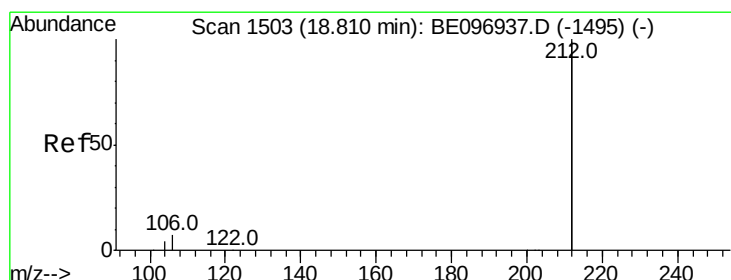
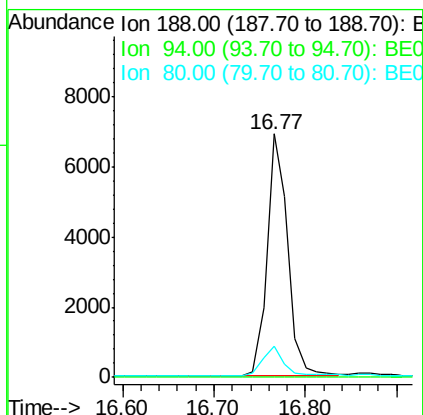
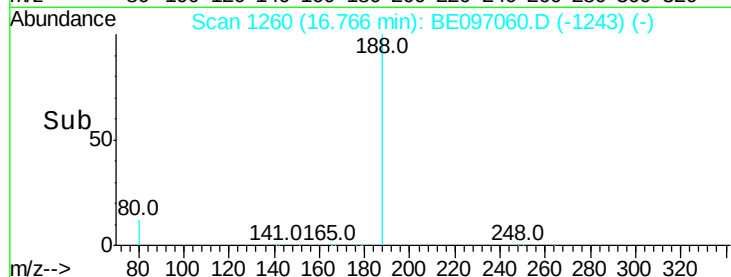
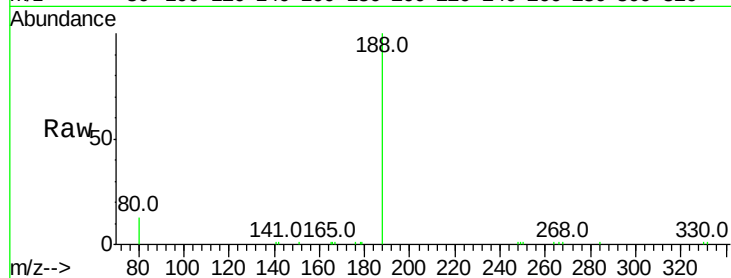
Tot Ion:188 Resp: 10849

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.9 3.6 5.4#



#25

Fluoranthene-d10

Concen: 0.544 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

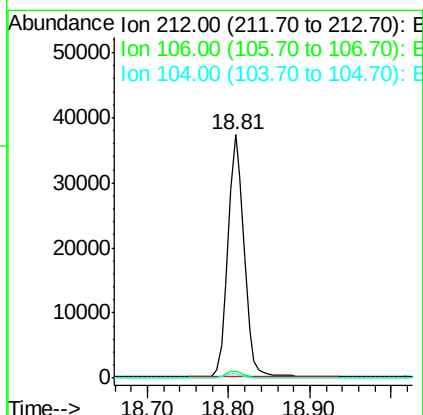
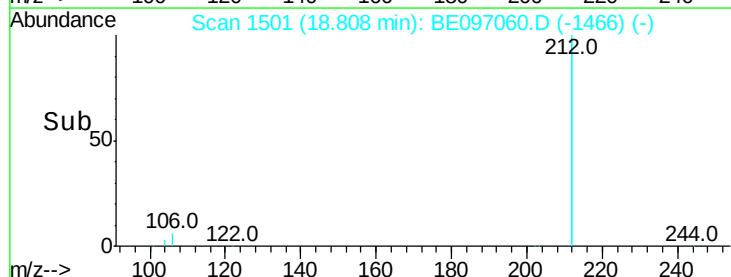
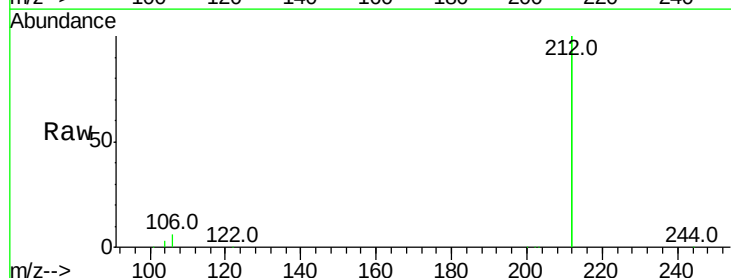
Tgt Ion:212 Resp: 51383

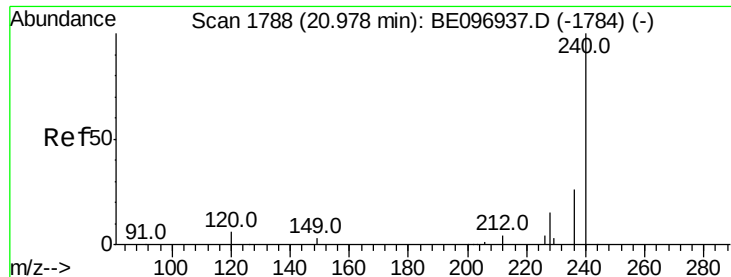
Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

104 1.6 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

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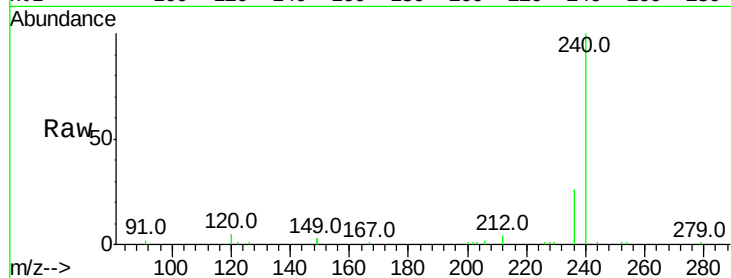
Tot Ion:240 Resp: 10545

Ion Ratio Lower Upper

240 100

120 4.6 5.5 8.3#

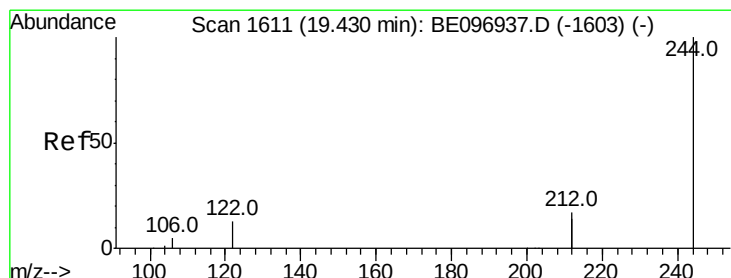
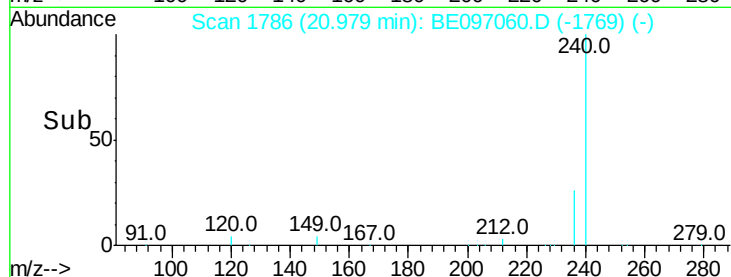
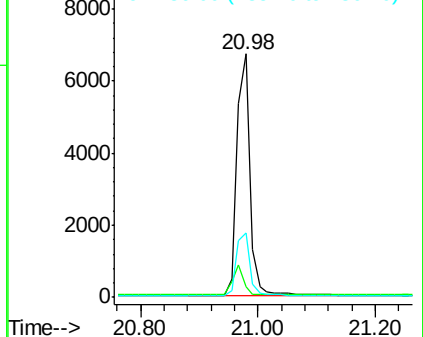
236 26.5 20.7 31.1



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: 0.795 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

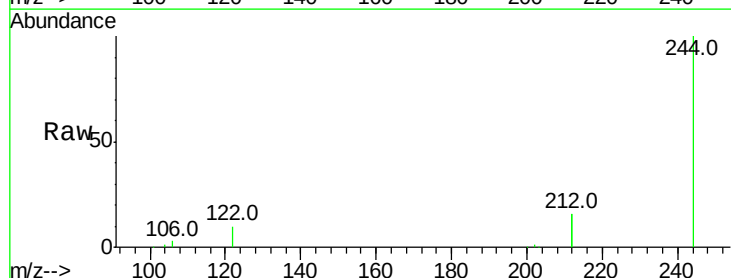
Tgt Ion:244 Resp: 16174

Ion Ratio Lower Upper

244 100

212 32.1 25.4 38.0

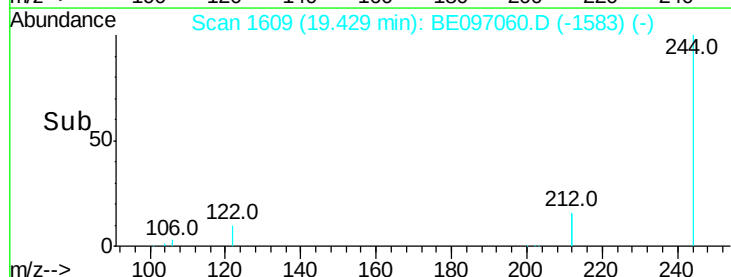
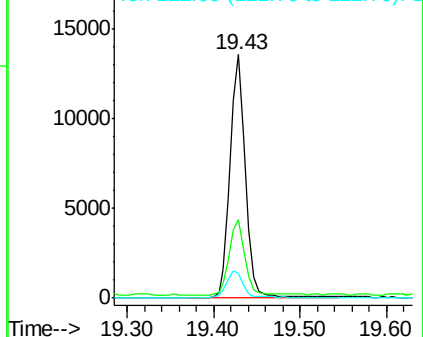
122 10.0 8.1 12.1

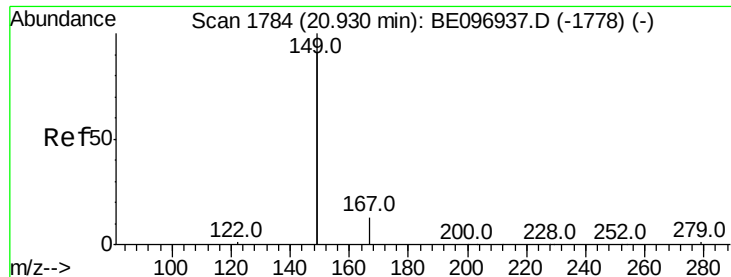


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 20.92 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

Instrument :

BNA_E

ClientSampleId :

EB02-071718

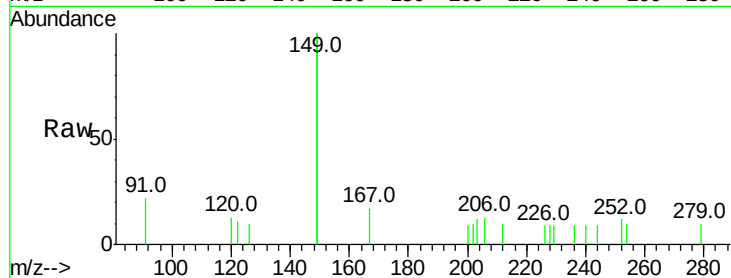
Tot Ion:149 Resp: 926

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

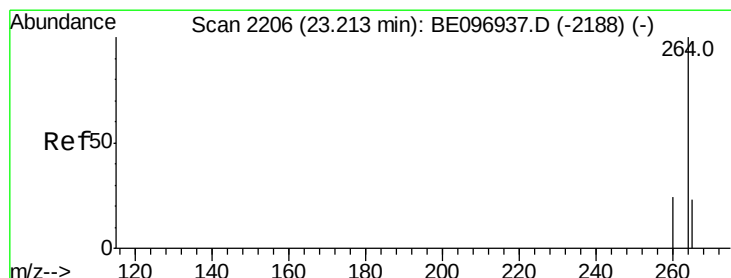
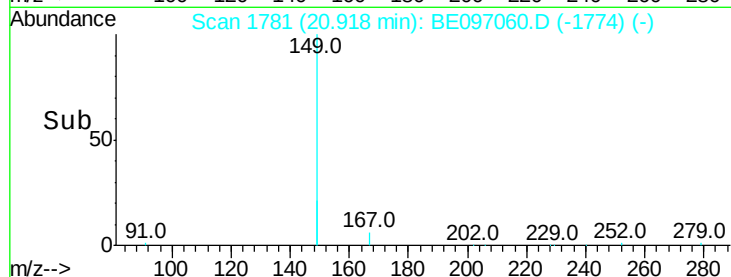
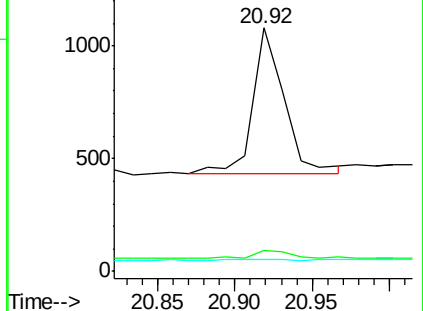
279 1.2 0.7 1.1#



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# 2203

Delta R.T. -0.00 min

Lab File: BE097060.D

Acq: 24 Jul 2018 6:22

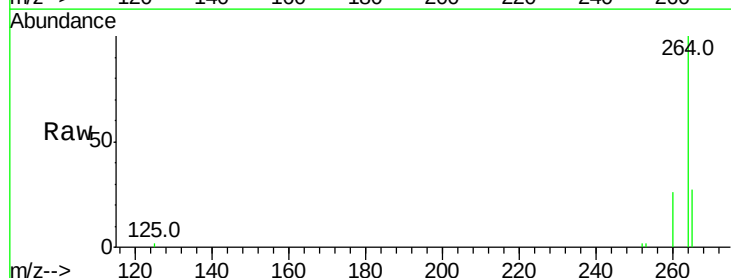
Tgt Ion:264 Resp: 10449

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 26.8 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

