

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097096.D
 Acq On : 25 Jul 2018 6:59
 Operator : SJ/JU
 Sample : J4073-07DL 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW04-071718DL

Quant Time: Jul 25 08:55:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

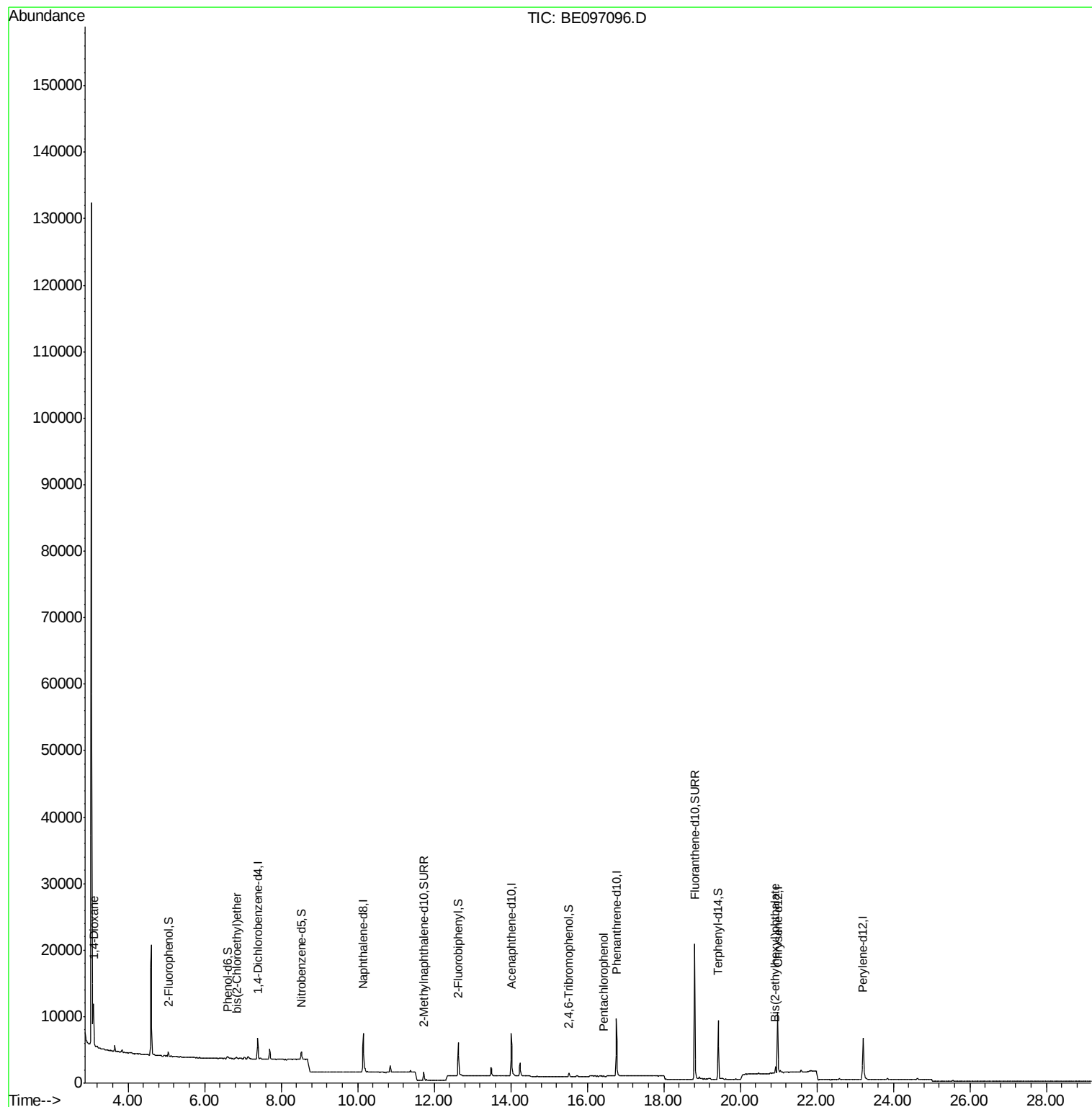
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1376	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6486	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4003	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11853	0.40	ng	0.00
27) Chrysene-d12	20.98	240	10778	0.40	ng	0.00
34) Perylene-d12	23.21	264	10070	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	363	0.09	ng	0.00
5) Phenol-d6	6.60	99	296	0.05	ng	0.00
8) Nitrobenzene-d5	8.53	82	1309	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	2051	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	336	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4960	0.36	ng	0.00
25) Fluoranthene-d10	18.81	212	27391	0.23	ng	0.00
29) Terphenyl-d14	19.42	244	7985	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	3646	1.667	ng	Qvalue # 86
6) bis(2-Chloroethyl)ether	6.84	93	122	0.024	ng	84
22) Pentachlorophenol	16.44	266	10	0.041	ng	93
32) Bis(2-ethylhexyl)phthalate	20.92	149	1231	0.033	ng	99

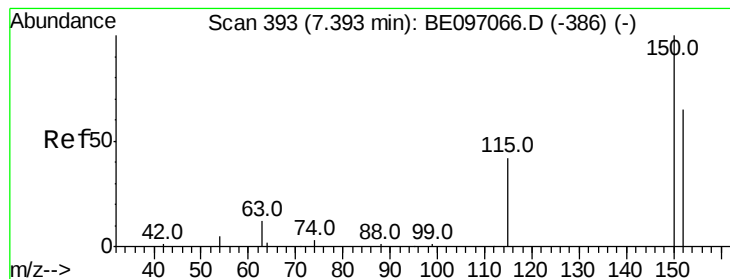
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097096.D

Acq: 25 Jul 2018 6:59

Instrument :

BNA_E

ClientSampleId :

GW04-071718DL

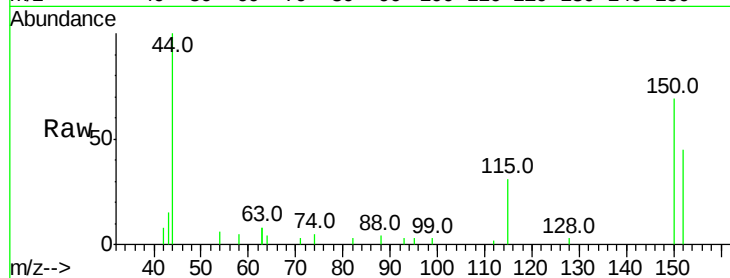
Tot Ion:152 Resp: 1376

Ion Ratio Lower Upper

152 100

150 153.4 117.2 175.8

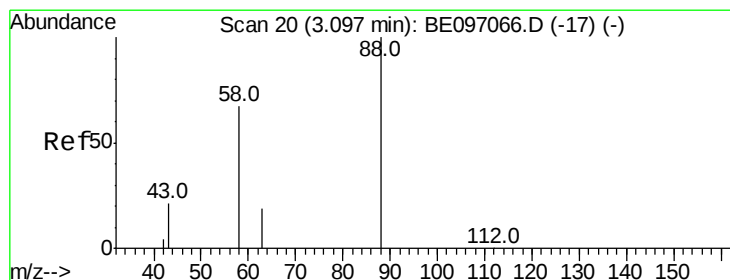
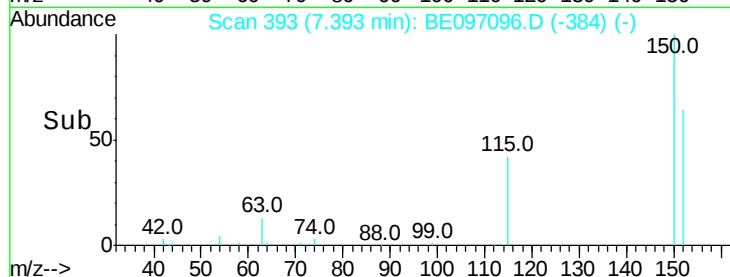
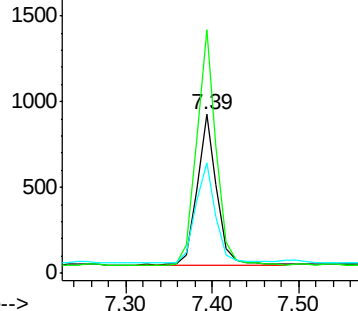
115 69.3 57.0 85.6



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: 1.667 ng

RT: 3.10 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

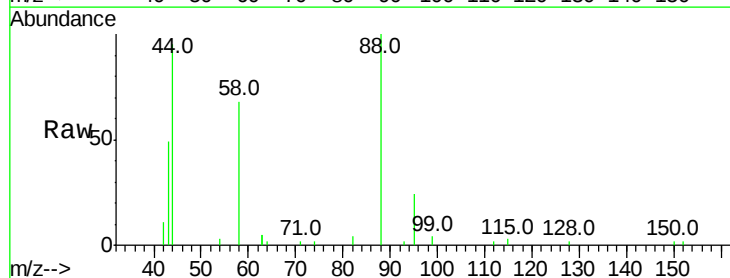
Tgt Ion: 88 Resp: 3646

Ion Ratio Lower Upper

88 100

58 86.0 63.2 94.8

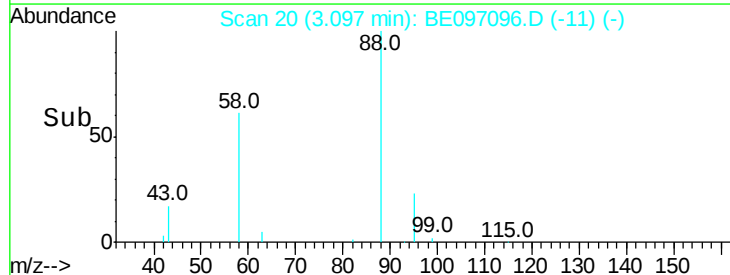
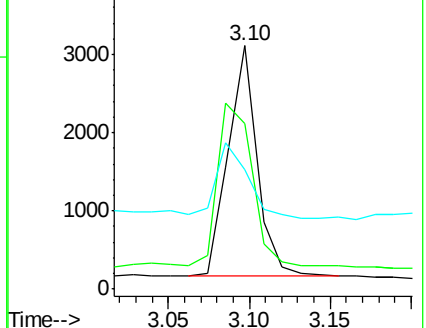
43 35.5 41.2 61.8#

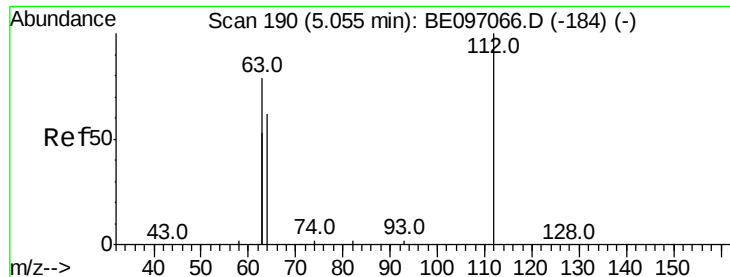


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.094 ng

RT: 5.06 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

Instrument :

BNA_E

ClientSampleId :

GW04-071718DL

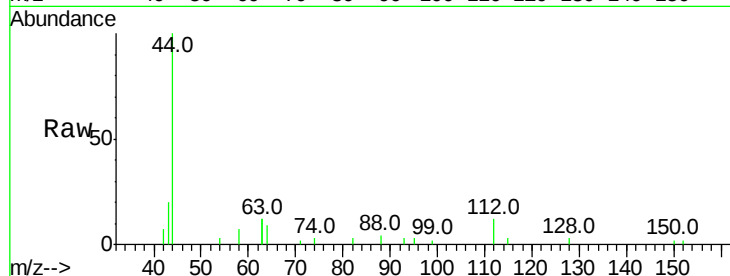
Tot Ion:112 Resp: 363

Ion Ratio Lower Upper

112 100

64 74.9 60.1 90.1

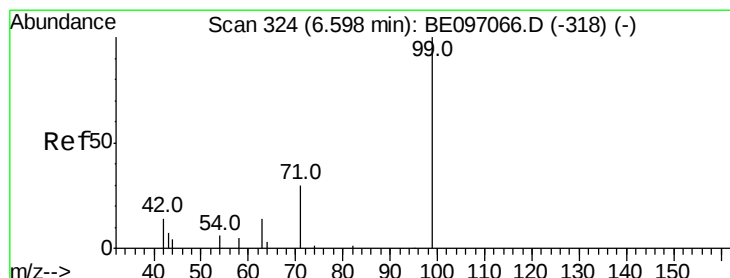
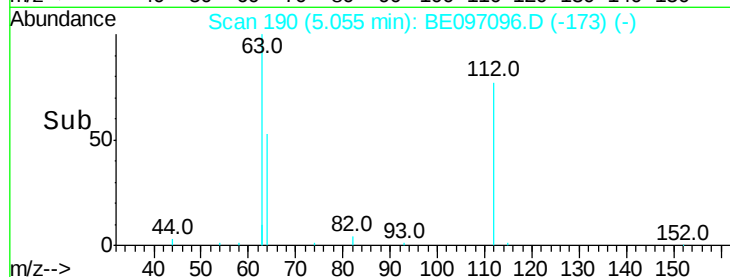
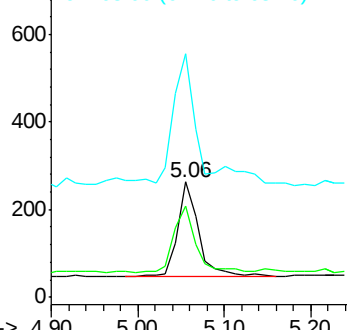
63 124.5 116.8 175.2



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: 0.052 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

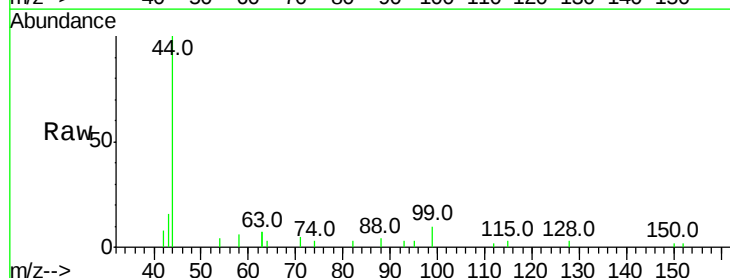
Tgt Ion: 99 Resp: 296

Ion Ratio Lower Upper

99 100

42 35.8 20.2 30.2#

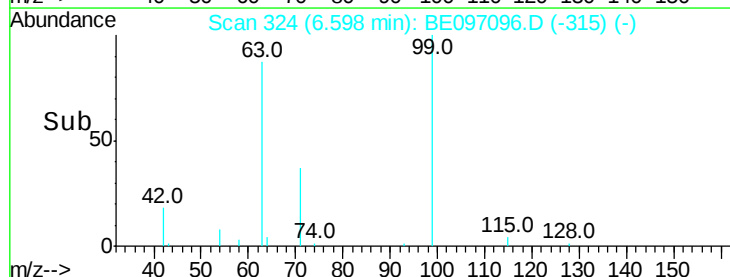
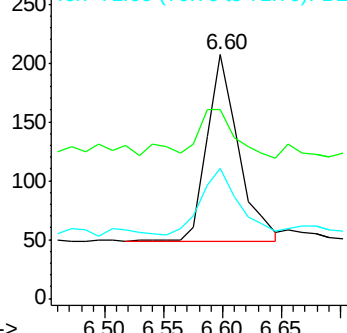
71 41.9 28.4 42.6

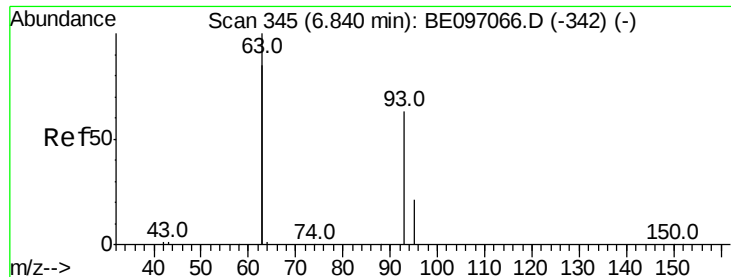


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

Instrument :

BNA_E

ClientSampleId :

GW04-071718DL

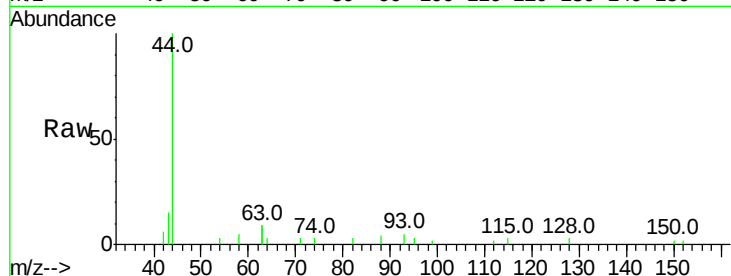
Tot Ion: 93 Resp: 122

Ion Ratio Lower Upper

93 100

63 307.4 275.3 412.9

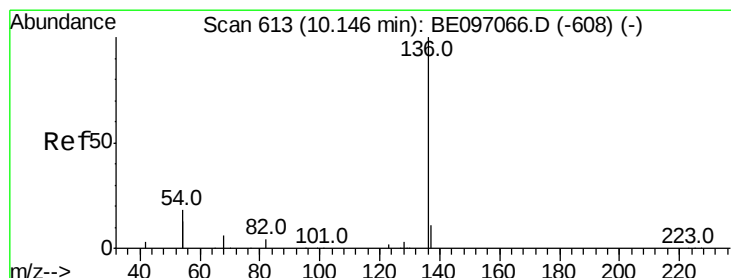
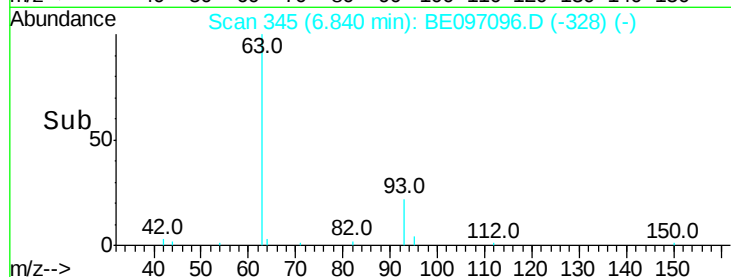
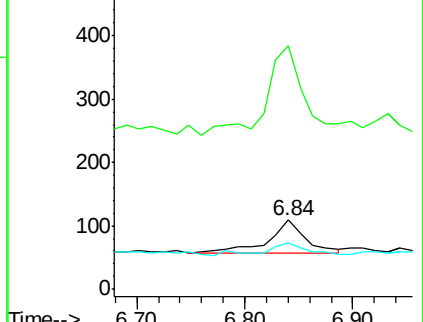
95 29.5 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

Tgt Ion: 136 Resp: 6486

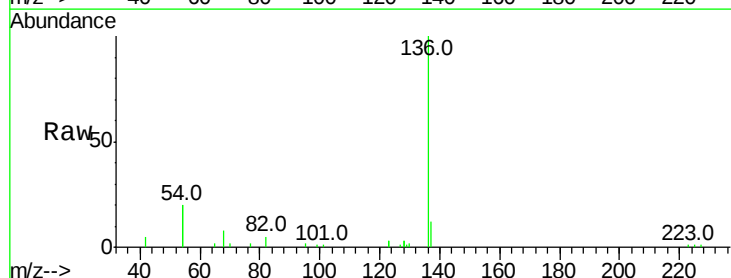
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 39.4 29.1 43.7

68 7.7 6.2 9.2

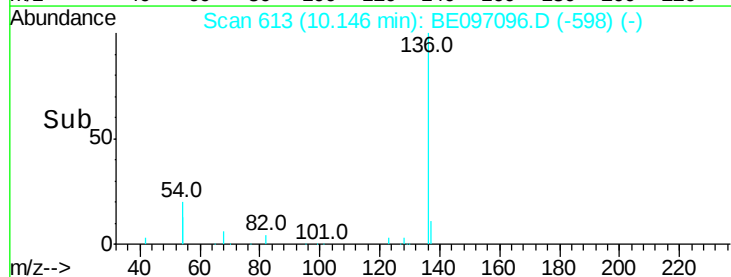
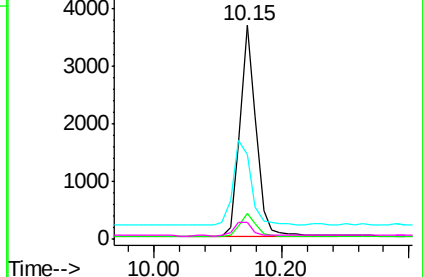


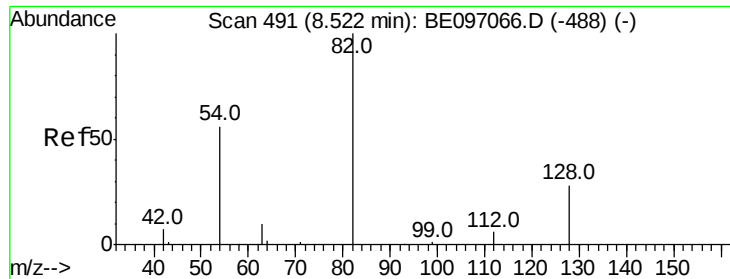
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.232 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

Instrument :

BNA_E

ClientSampleId :

GW04-071718DL

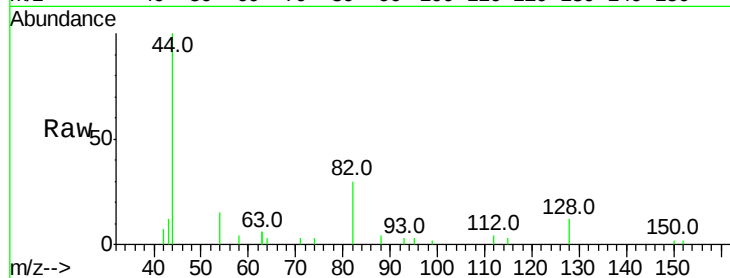
Tot Ion: 82 Resp: 1309

Ion Ratio Lower Upper

82 100

128 41.3 24.0 36.0#

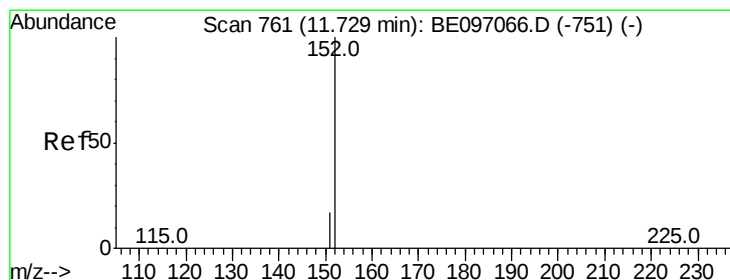
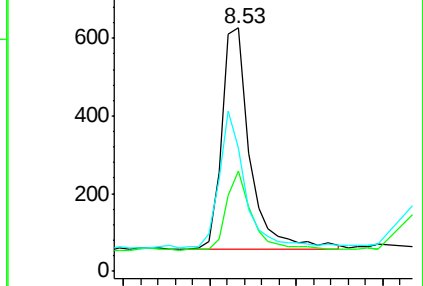
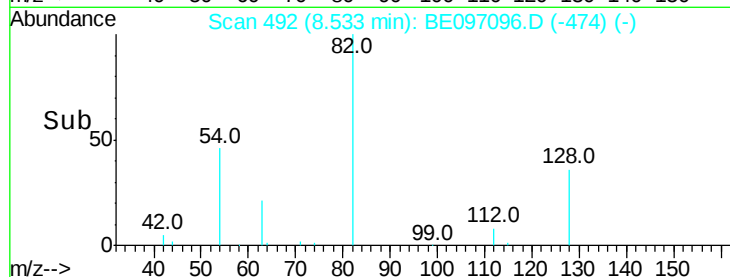
54 50.6 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE097096.D (-474) (-)

Ion 128.00 (127.70 to 128.70): BE097096.D (-474) (-)

Ion 54.00 (53.70 to 54.70): BE097096.D (-474) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.211 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097096.D

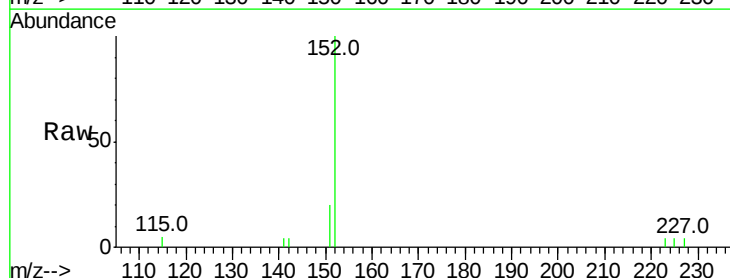
Acq: 25 Jul 2018 6:59

Tgt Ion: 152 Resp: 2051

Ion Ratio Lower Upper

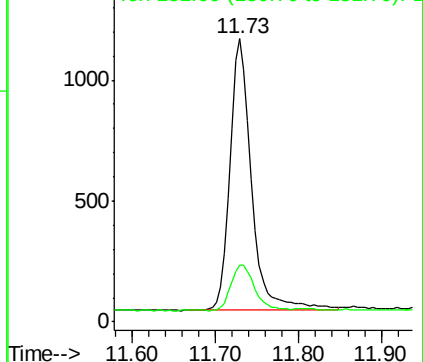
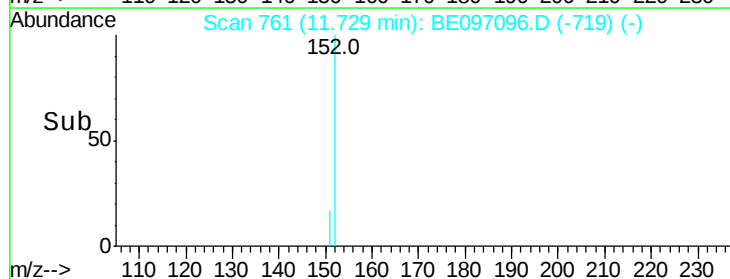
152 100

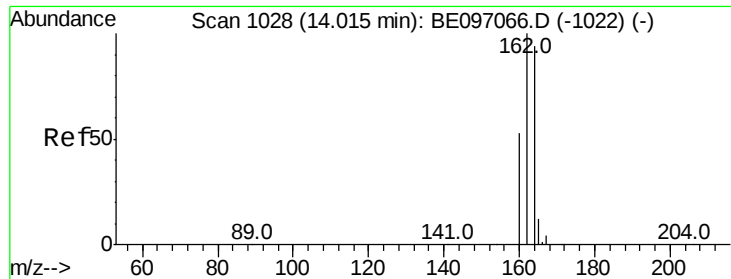
151 18.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE097096.D (-719) (-)

Ion 151.00 (150.70 to 151.70): BE097096.D (-719) (-)

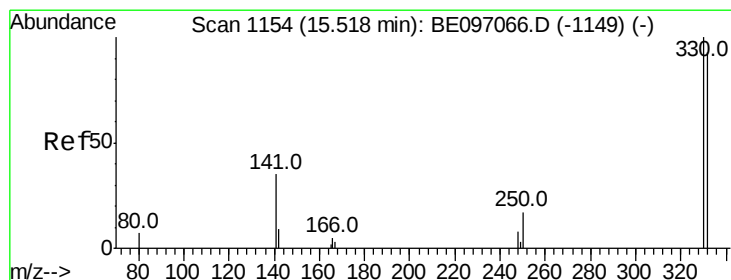
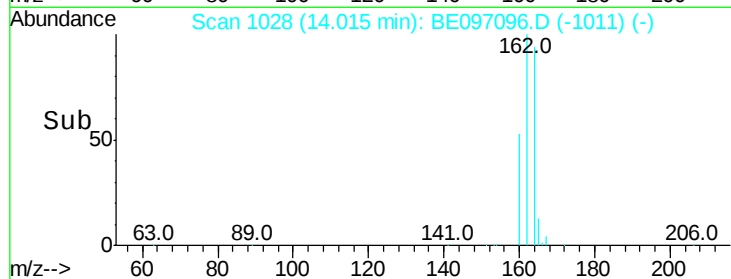
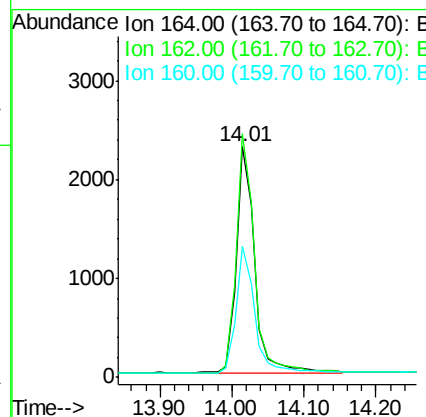
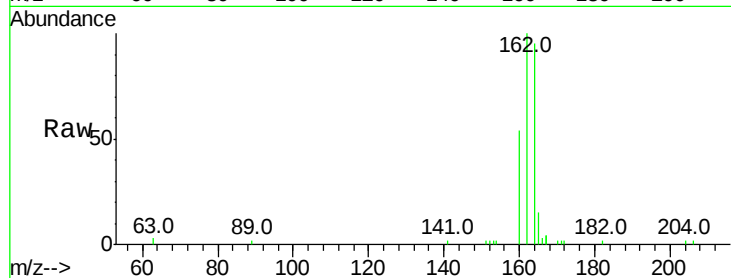




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE097096.D
 Acq: 25 Jul 2018 6:59

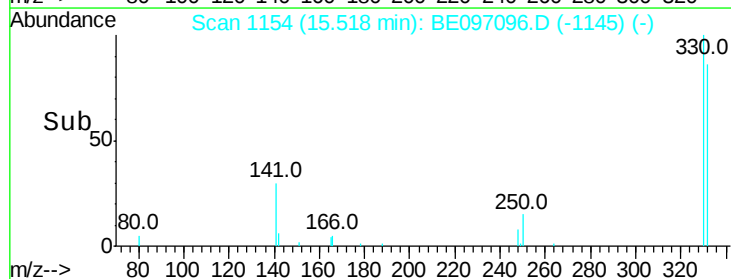
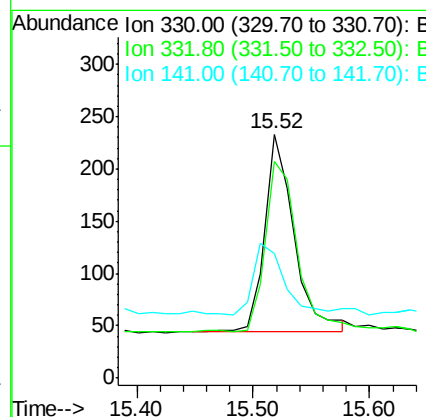
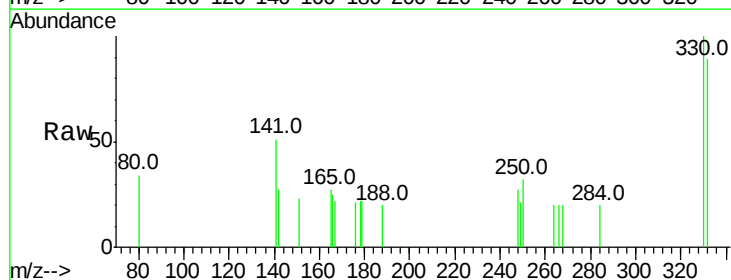
Instrument :
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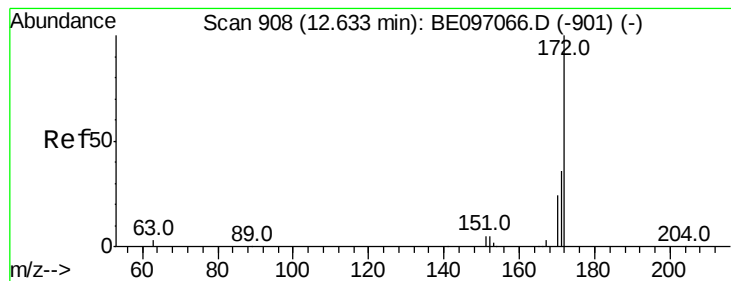
Tot Ion:164 Resp: 4003
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.1 124.7
 160 57.0 37.1 55.7#



#14
 2,4,6-Tribromophenol
 Concen: 0.255 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BE097096.D
 Acq: 25 Jul 2018 6:59

Tgt Ion:330 Resp: 336
 Ion Ratio Lower Upper
 330 100
 332 93.2 152.7 229.1#
 141 36.9 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.359 ng

RT: 12.63 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

Instrument :

BNA_E

ClientSampleId :

GW04-071718DL

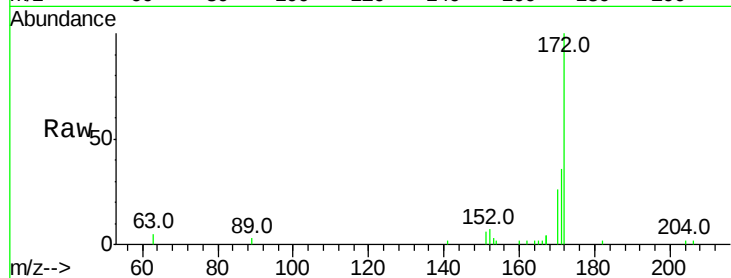
Tot Ion:172 Resp: 4960

Ion Ratio Lower Upper

172 100

171 36.2 29.9 44.9

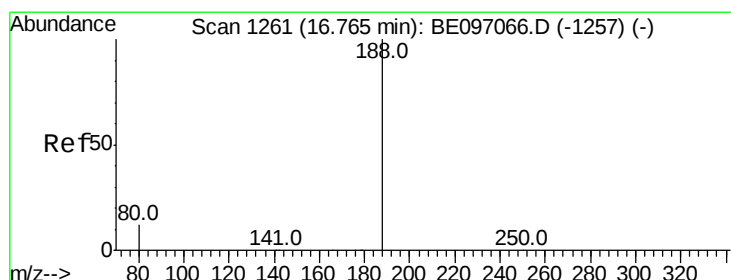
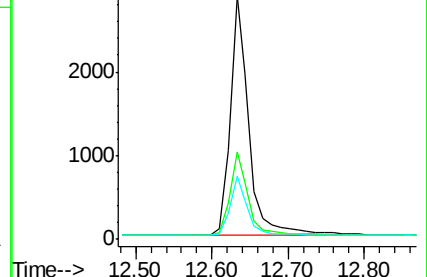
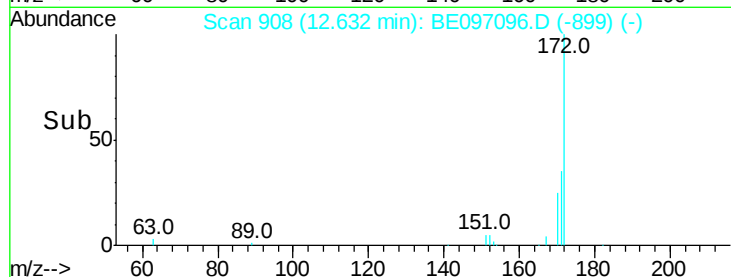
170 26.1 21.8 32.8



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: 16.77 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

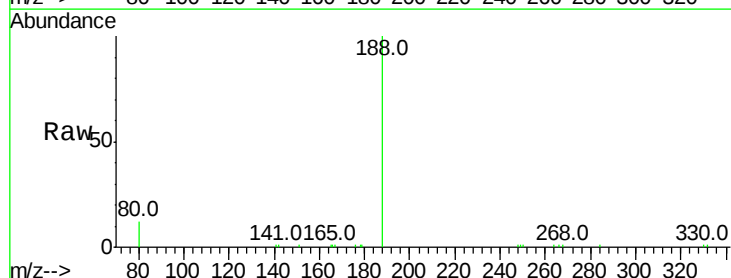
Tgt Ion:188 Resp: 11853

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

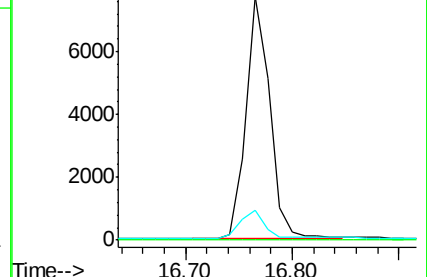
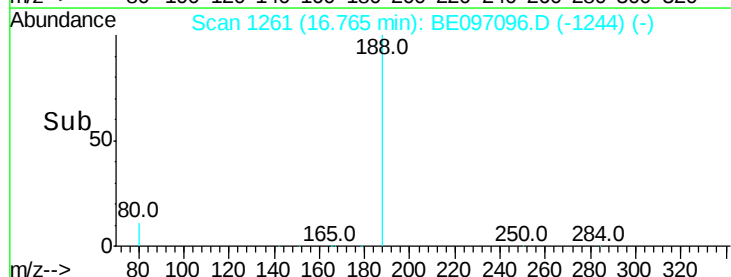
80 12.0 3.6 5.4#

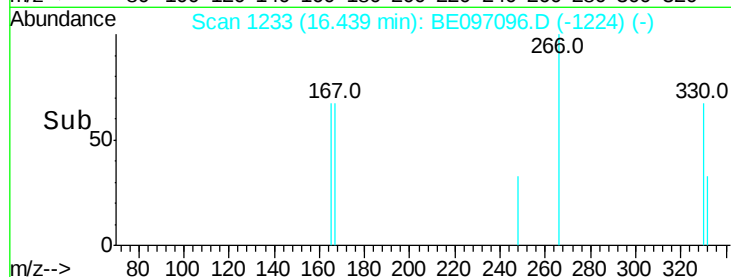
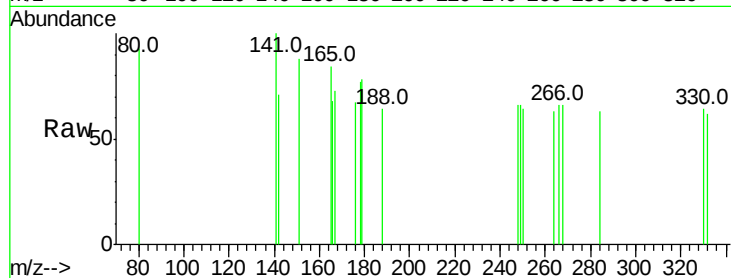
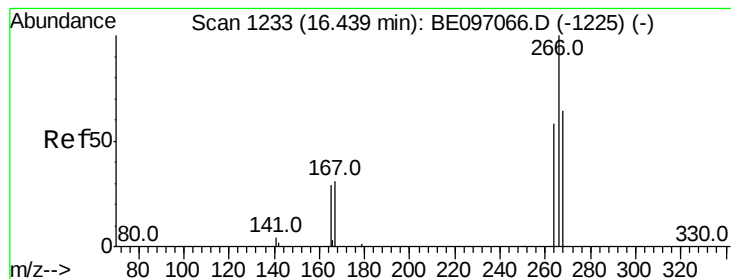


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.041 ng

RT: 16.44 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

Instrument :

BNA_E

ClientSampleId :

GW04-071718DL

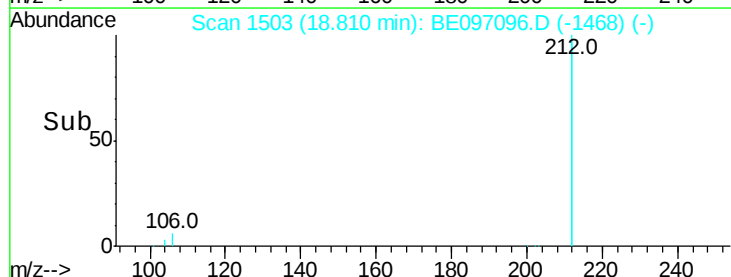
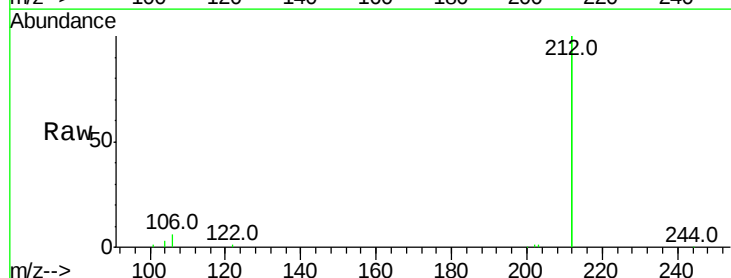
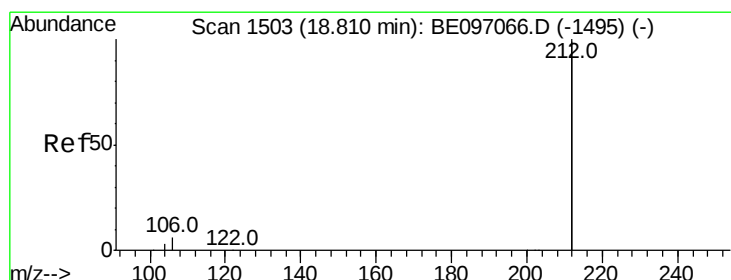
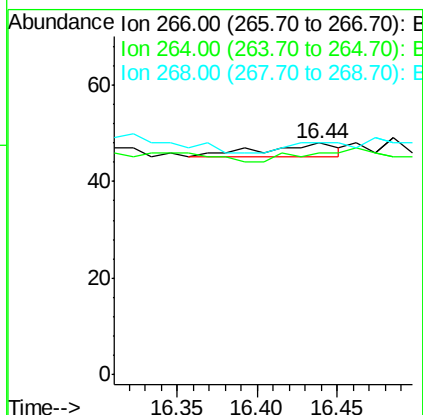
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 95.8 72.5 108.7

268 100.0 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.231 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

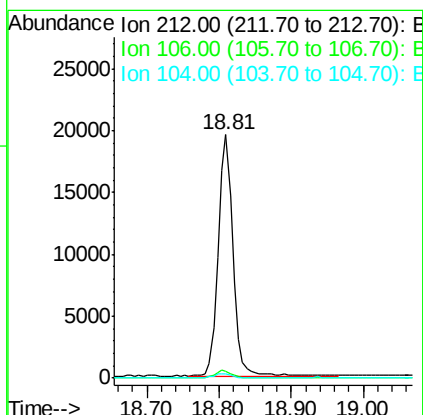
Tgt Ion:212 Resp: 27391

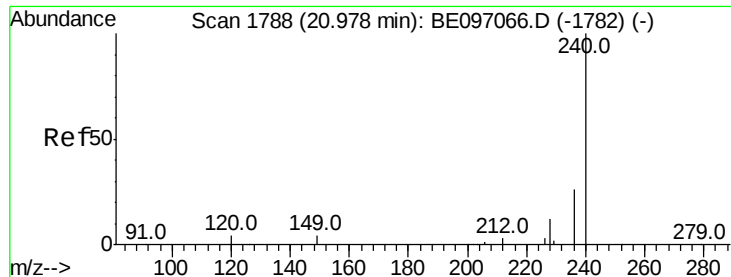
Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

104 1.7 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

Instrument :

BNA_E

ClientSampleId :

GW04-071718DL

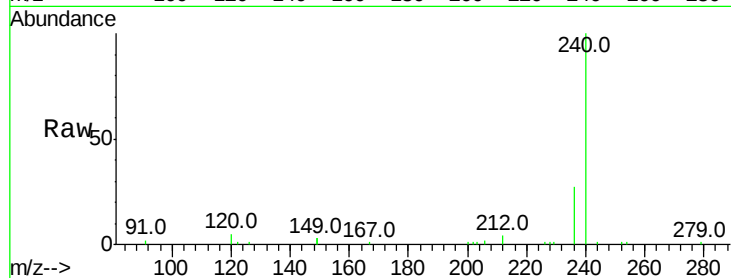
Tot Ion:240 Resp: 10778

Ion Ratio Lower Upper

240 100

120 5.1 5.5 8.3#

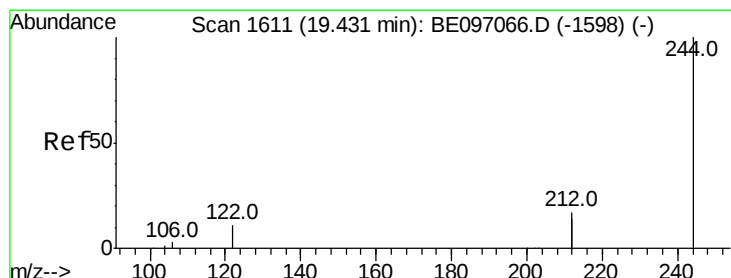
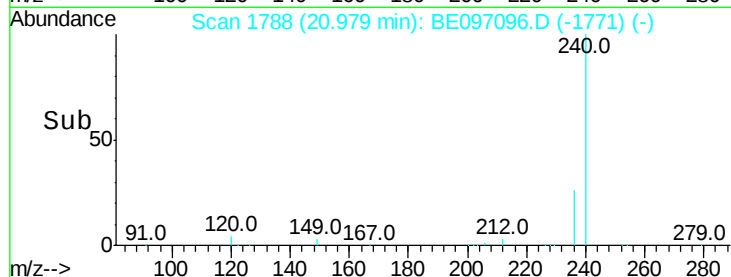
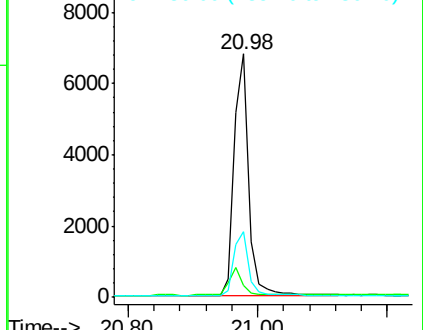
236 26.8 20.7 31.1



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: 0.386 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097096.D

Acq: 25 Jul 2018 6:59

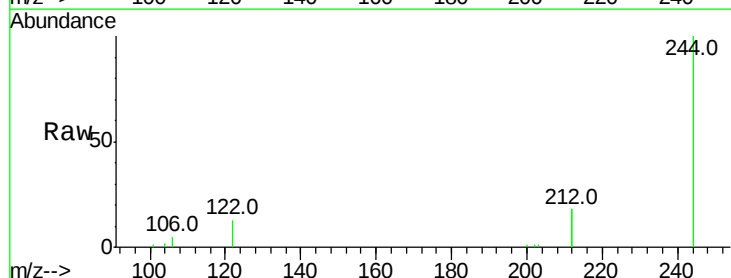
Tgt Ion:244 Resp: 7985

Ion Ratio Lower Upper

244 100

212 35.1 25.4 38.0

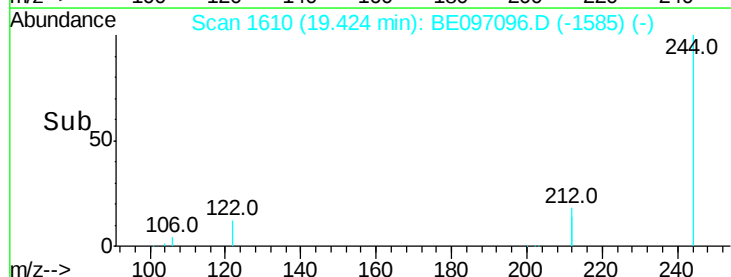
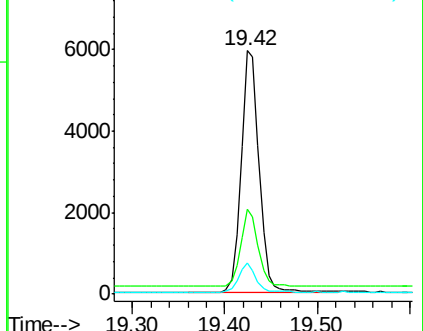
122 12.9 8.1 12.1#

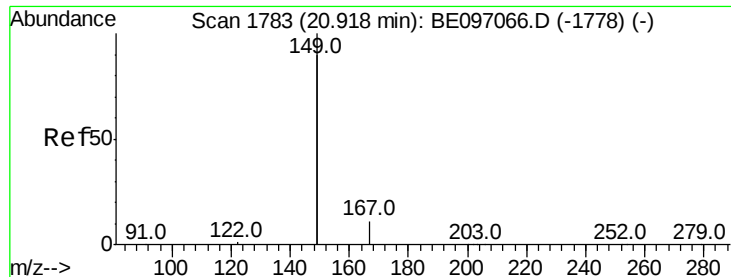


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

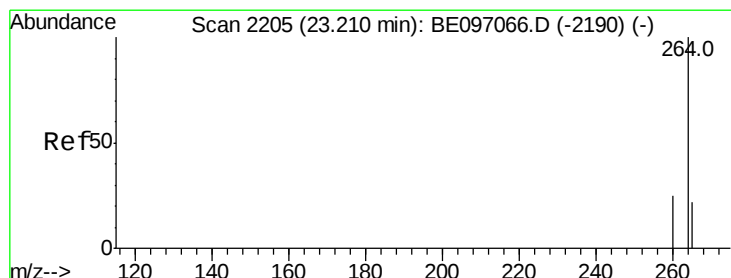
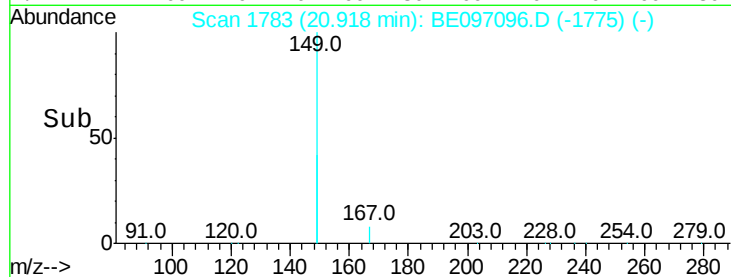
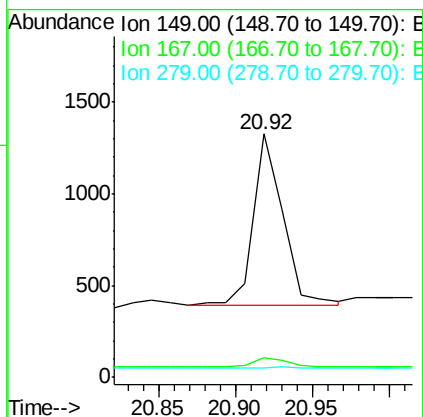
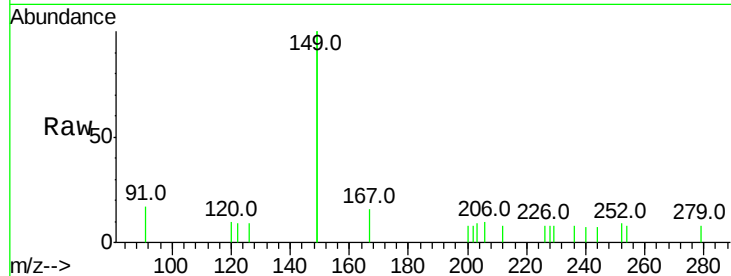




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097096.D
 Acq: 25 Jul 2018 6:59

Instrument :
 BNA_E
 ClientSampleId :
 GW04-071718DL

Tot Ion:149 Resp: 1231
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.4 8.0
 279 1.1 0.7 1.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2205
 Delta R.T. 0.00 min
 Lab File: BE097096.D
 Acq: 25 Jul 2018 6:59

Tgt Ion:264 Resp: 10070
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 25.6 22.8 34.2

