

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
 Data File : BE097017.D
 Acq On : 20 Jul 2018 6:36
 Operator : SJ/JU
 Sample : J4014-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW03-071218

Quant Time: Jul 20 08:04:35 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

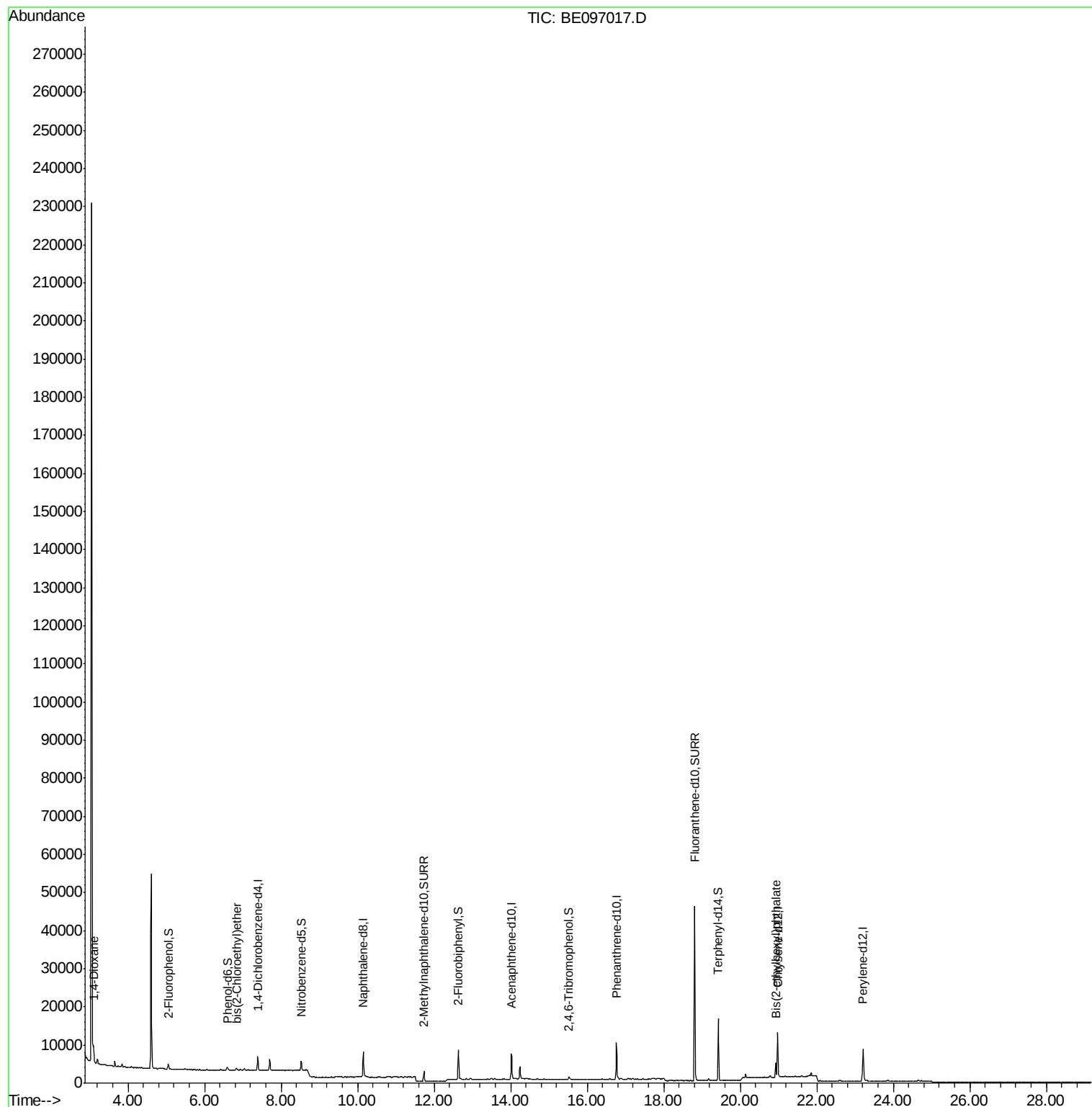
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1531	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	7029	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4121	0.40	ng	-0.01
19) Phenanthrene-d10	16.77	188	12514	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	12978	0.40	ng	0.00
34) Perylene-d12	23.21	264	12163	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	750	0.20	ng	0.00
5) Phenol-d6	6.60	99	634	0.11	ng	0.00
8) Nitrobenzene-d5	8.52	82	2207	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3893	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	486	0.52	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	7030	0.46	ng	-0.01
25) Fluoranthene-d10	18.81	212	58940	0.54	ng	0.00
29) Terphenyl-d14	19.43	244	14243	0.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	1978	0.903	ng	91
6) bis(2-Chloroethyl)ether	6.84	93	196	0.036	ng	85
32) Bis(2-ethylhexyl)phthalate	20.93	149	5203	0.169	ng	99

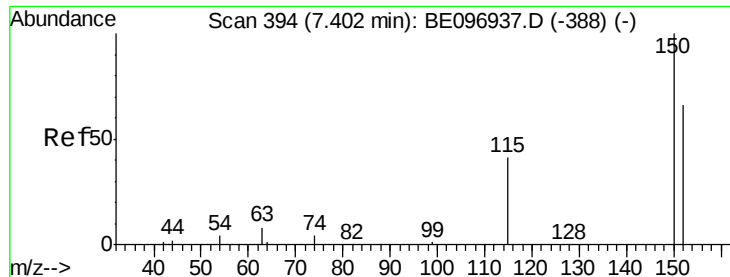
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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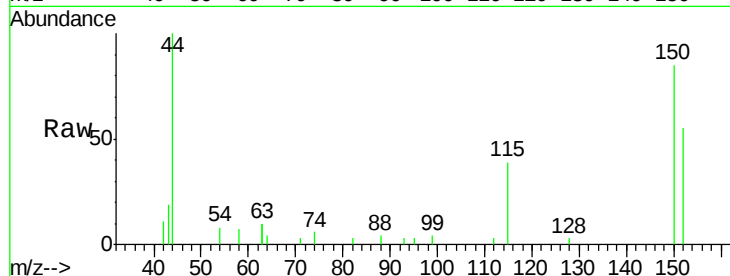


#1

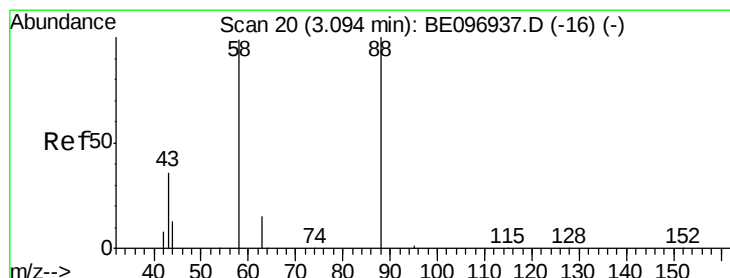
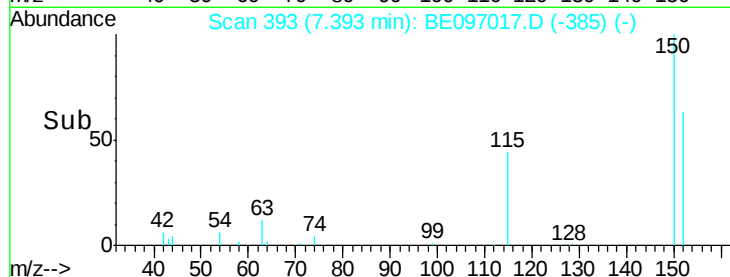
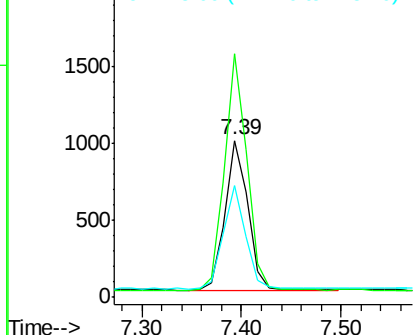
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.01 min
Lab File: BE097017.D
Acq: 20 Jul 2018 6:36

Instrument :
BNA_E
ClientSampleId :
GW03-071218

Tgt Ion: 152 Resp: 1531
Ion Ratio Lower Upper
152 100
150 155.4 117.2 175.8
115 71.7 57.0 85.6



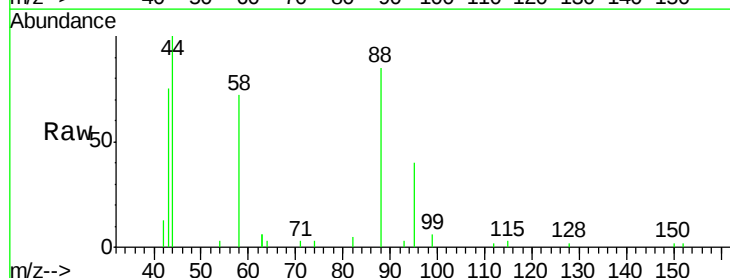
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



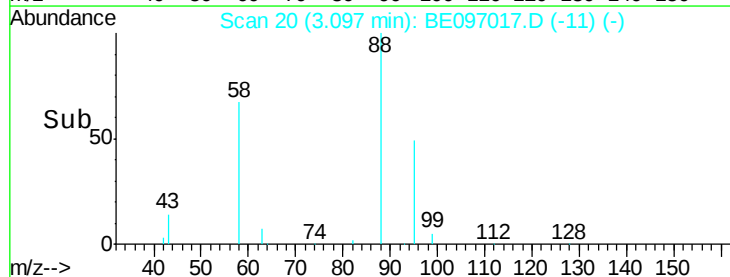
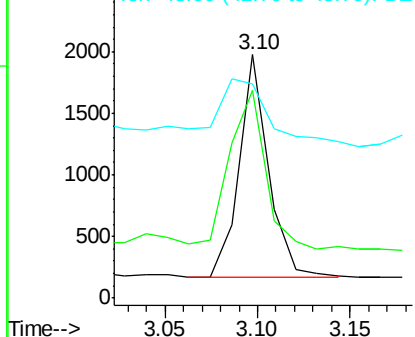
#2

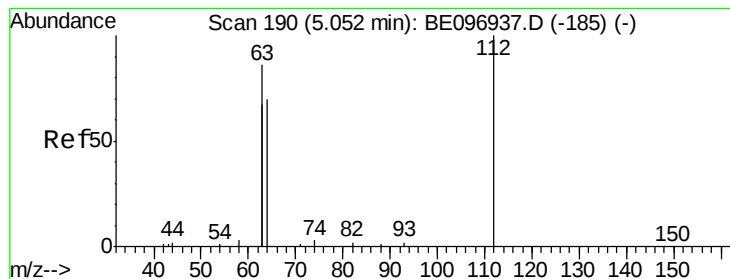
1,4-Dioxane
Concen: 0.903 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097017.D
Acq: 20 Jul 2018 6:36

Tgt Ion: 88 Resp: 1978
Ion Ratio Lower Upper
88 100
58 86.8 63.2 94.8
43 44.2 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: 0.205 ng

RT: 5.06 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

Instrument :

BNA_E

ClientSampleId :

GW03-071218

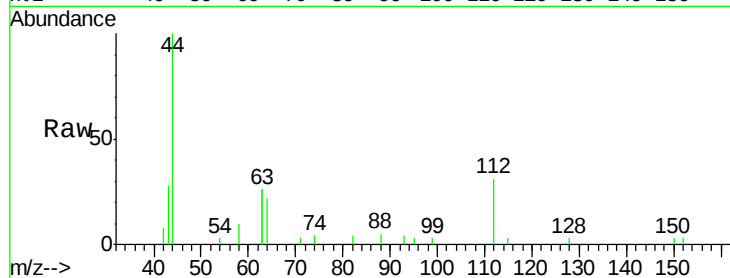
Tgt Ion: 112 Resp: 750

Ion Ratio Lower Upper

112 100

64 71.5 60.1 90.1

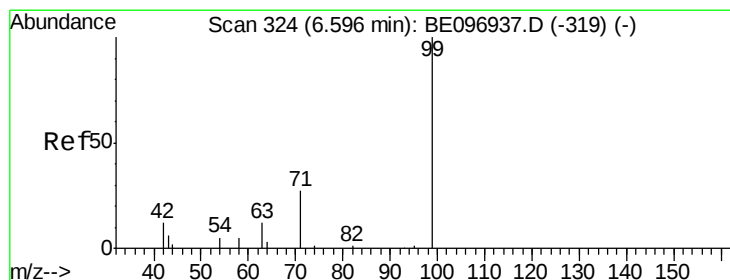
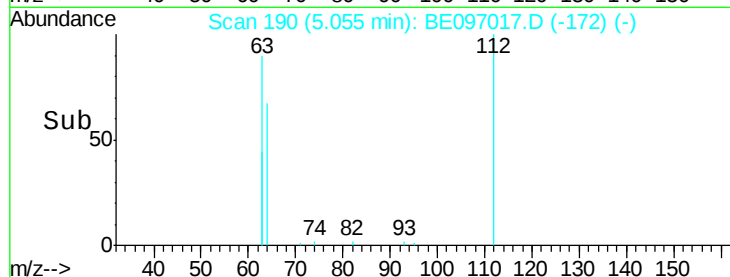
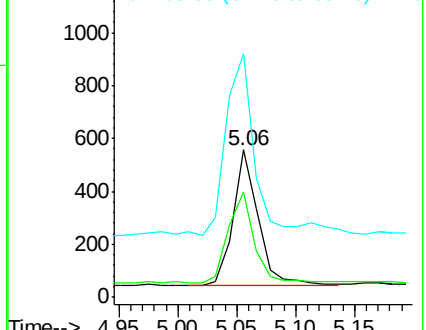
63 145.2 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.113 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

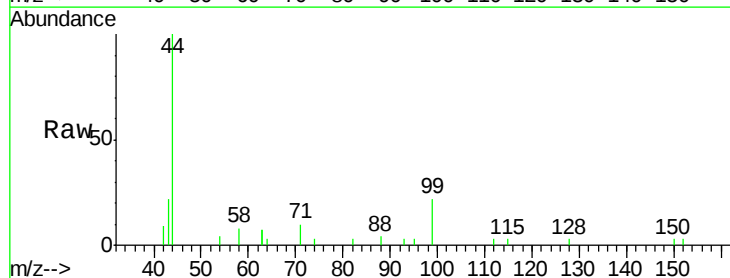
Tgt Ion: 99 Resp: 634

Ion Ratio Lower Upper

99 100

42 26.8 20.2 30.2

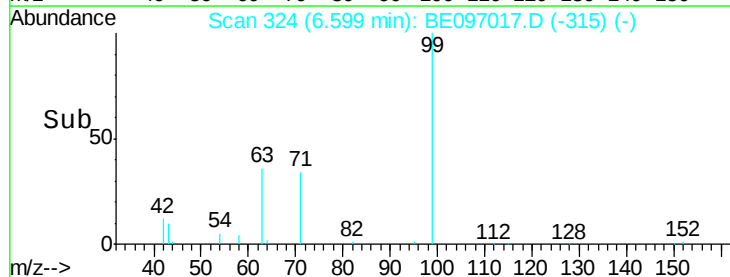
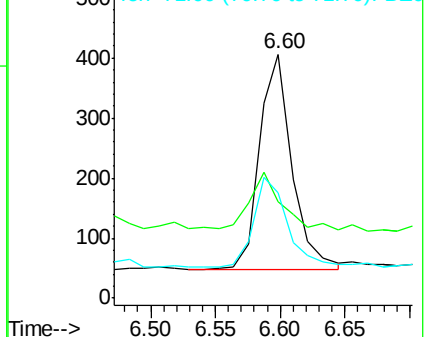
71 44.2 28.4 42.6#

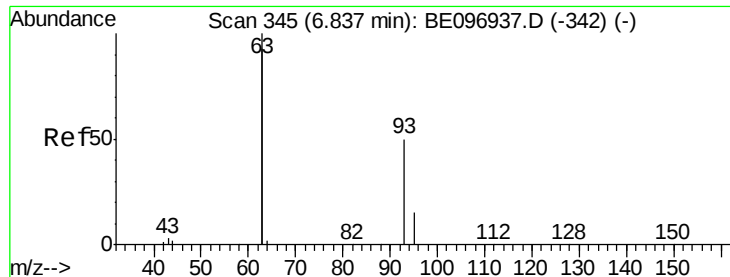


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.036 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

Instrument :

BNA_E

ClientSampleId :

GW03-071218

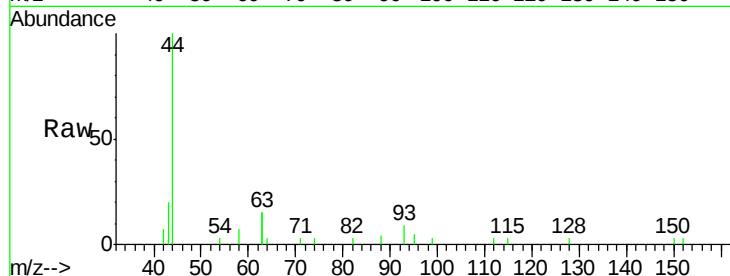
Tgt Ion: 93 Resp: 196

Ion Ratio Lower Upper

93 100

63 309.7 275.3 412.9

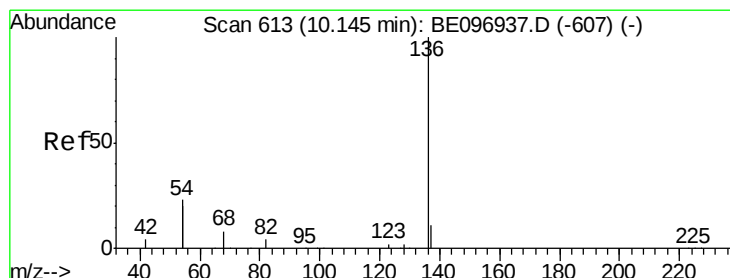
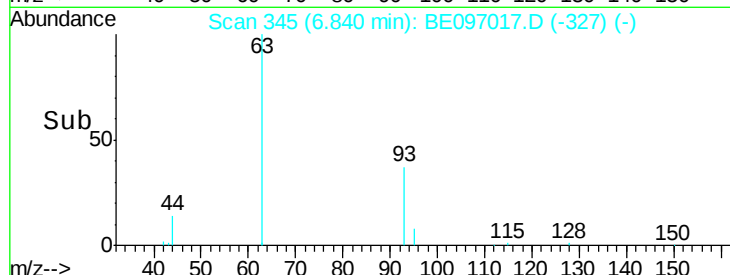
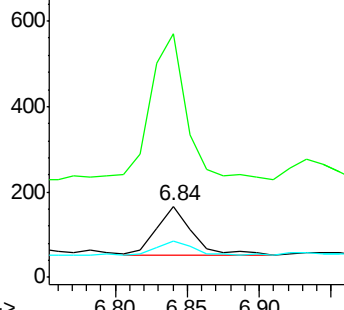
95 31.1 25.2 37.8



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: BE097017.D

Acq: 20 Jul 2018 6:36

Tgt Ion: 136 Resp: 7029

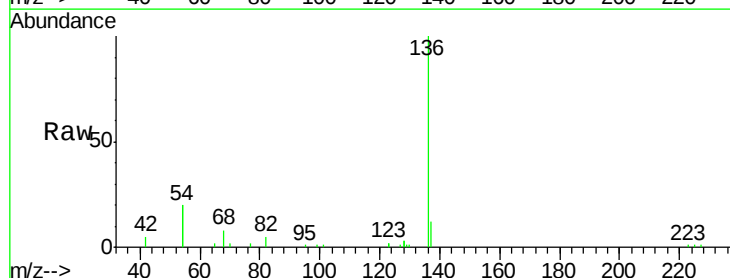
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 40.1 29.1 43.7

68 7.8 6.2 9.2

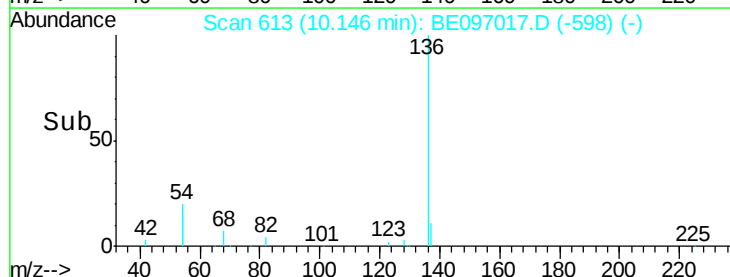
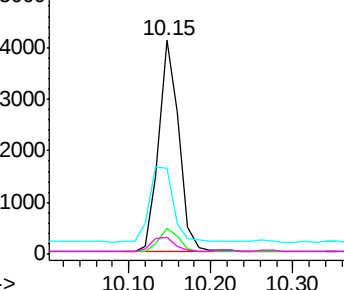


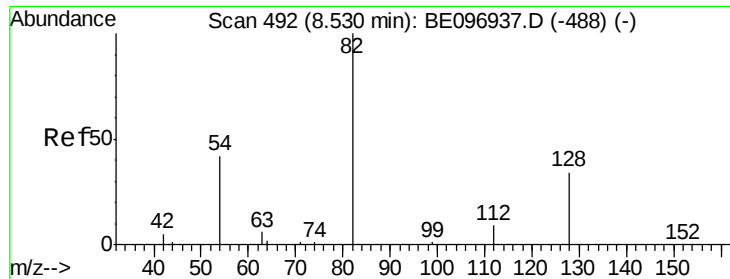
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.430 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

Instrument :

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GW03-071218

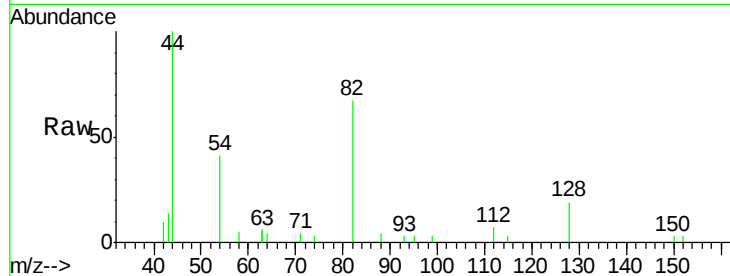
Tgt Ion: 82 Resp: 2207

Ion Ratio Lower Upper

82 100

128 27.9 24.0 36.0

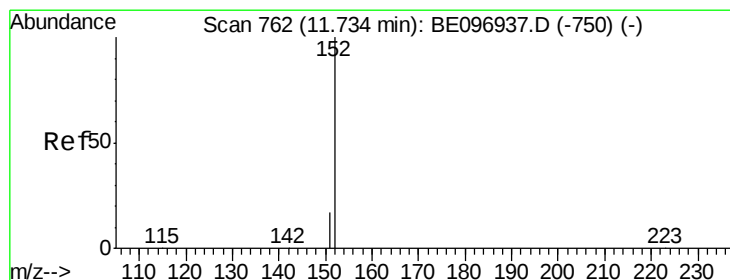
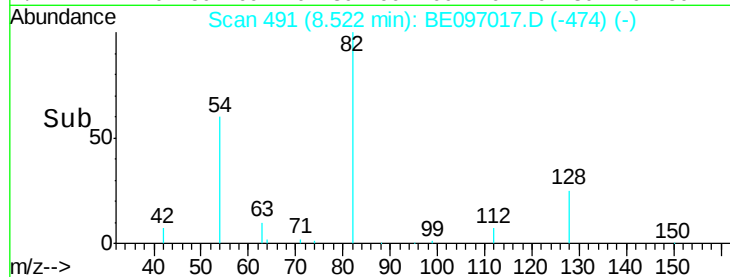
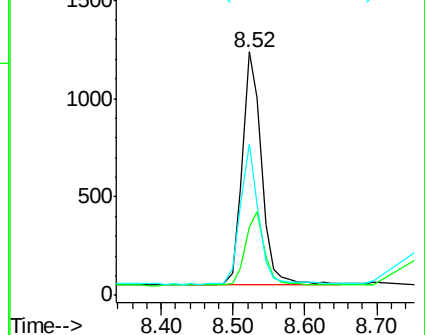
54 62.0 40.0 60.0#



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



#11

2-Methylnaphthalene-d10

Concen: 0.380 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE097017.D

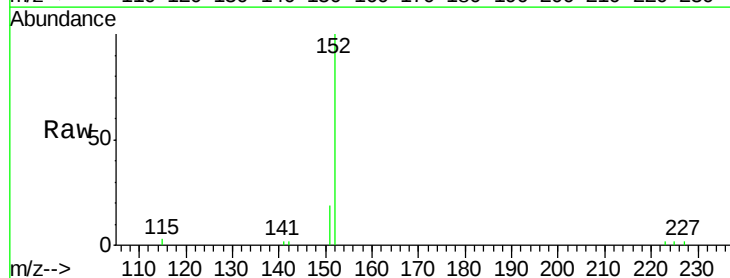
Acq: 20 Jul 2018 6:36

Tgt Ion: 152 Resp: 3893

Ion Ratio Lower Upper

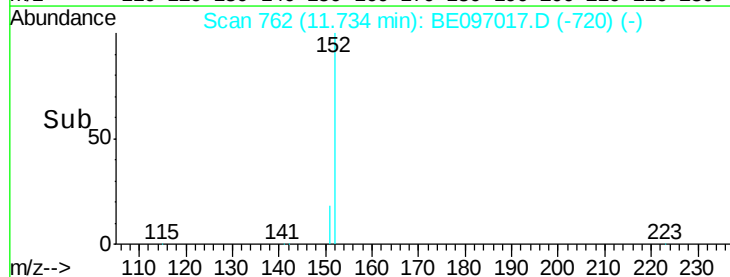
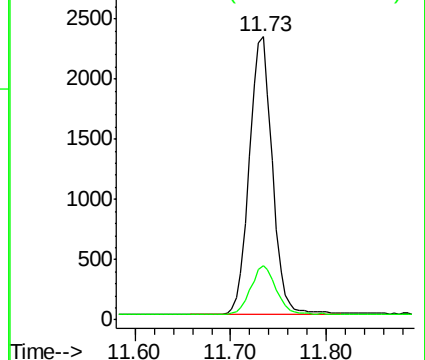
152 100

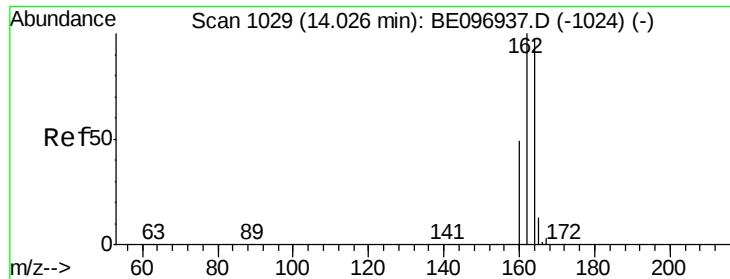
151 18.7 15.4 23.0



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: BE097017.D

Acq: 20 Jul 2018 6:36

Instrument :

BNA_E

ClientSampleId :

GW03-071218

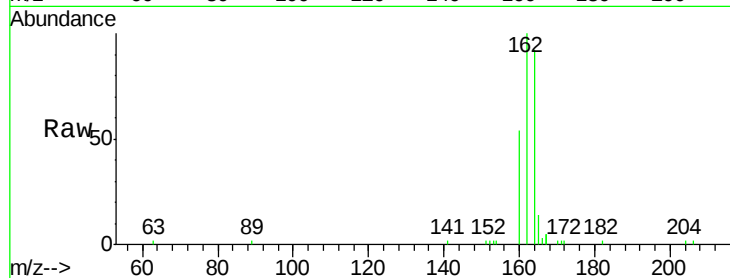
Tgt Ion:164 Resp: 4121

Ion Ratio Lower Upper

164 100

162 108.3 83.1 124.7

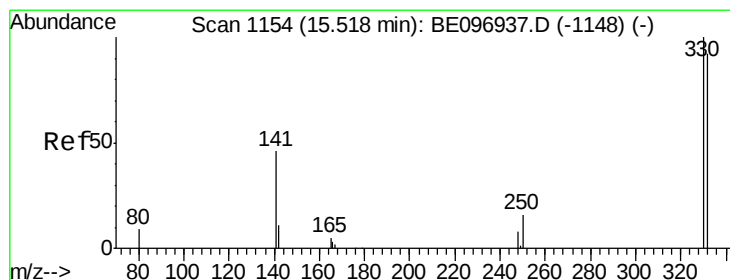
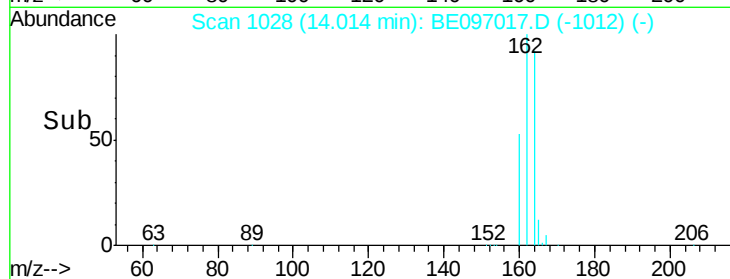
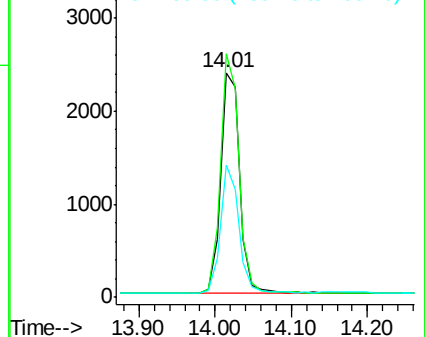
160 58.8 37.1 55.7#



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: 0.515 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

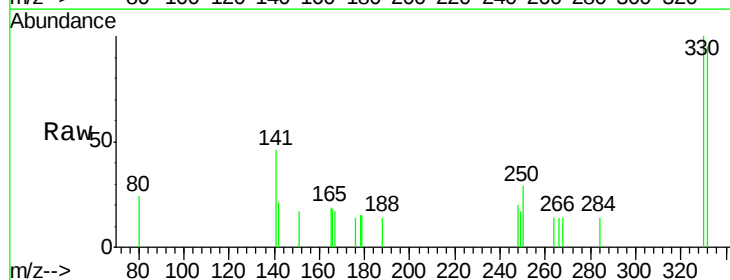
Tgt Ion:330 Resp: 486

Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

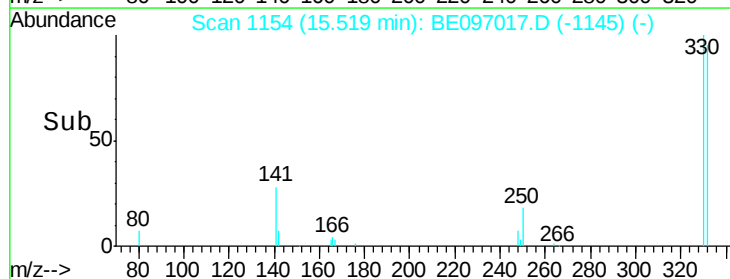
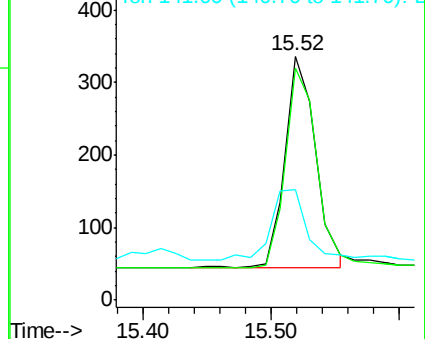
141 38.1 33.7 50.5

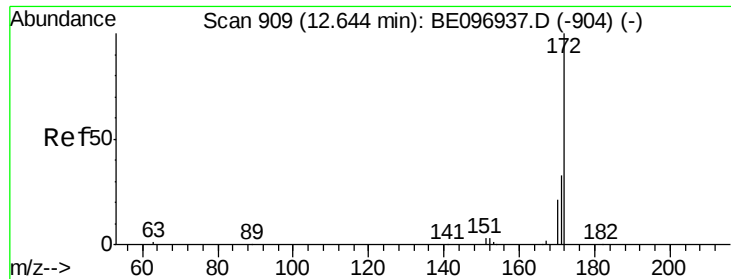


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

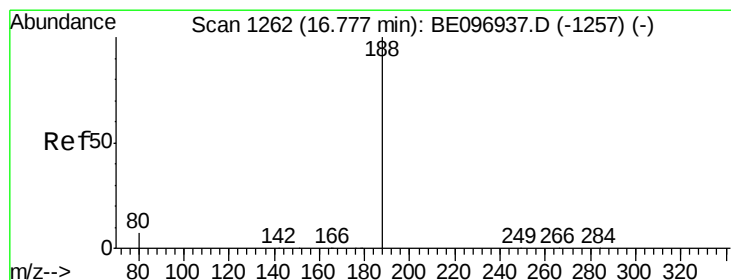
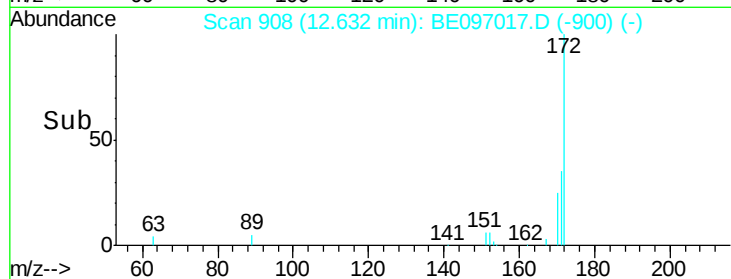
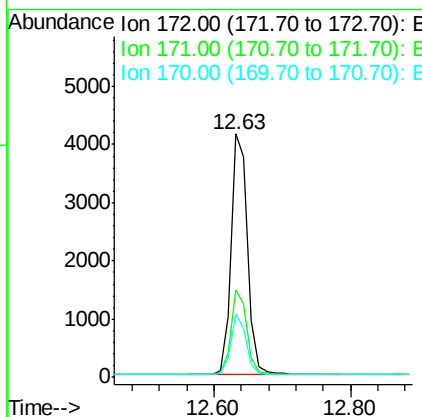
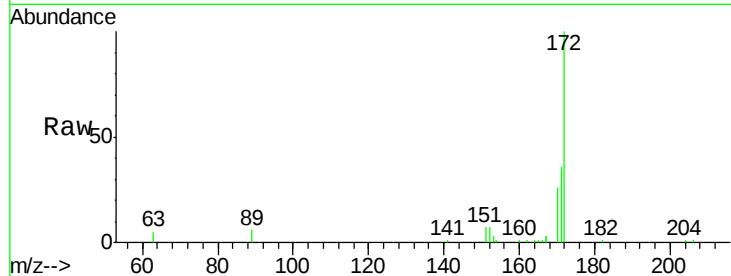




#15
2-Fluorobiphenyl
Concen: 0.459 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE097017.D
Acq: 20 Jul 2018 6:36

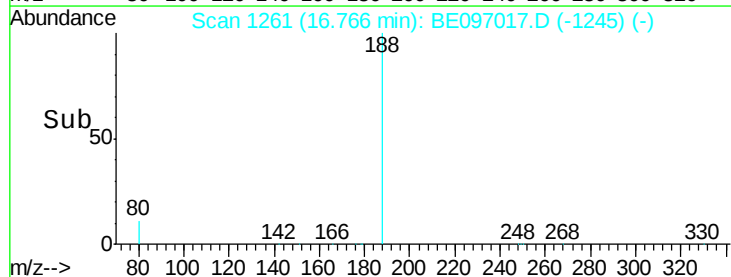
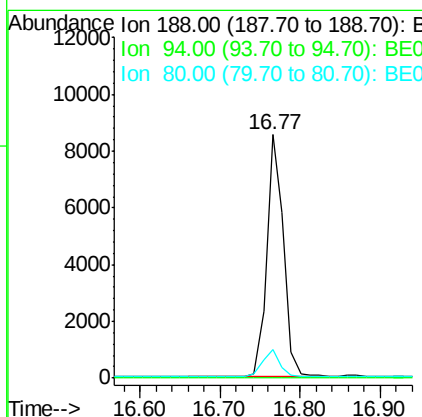
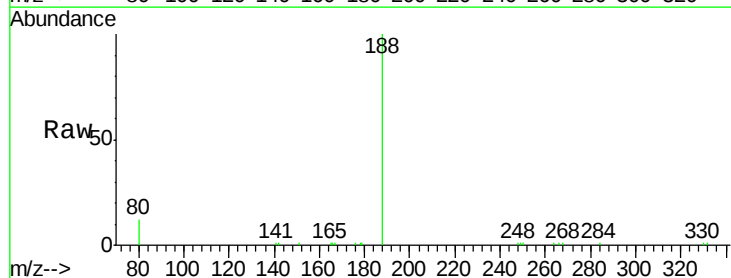
Instrument :
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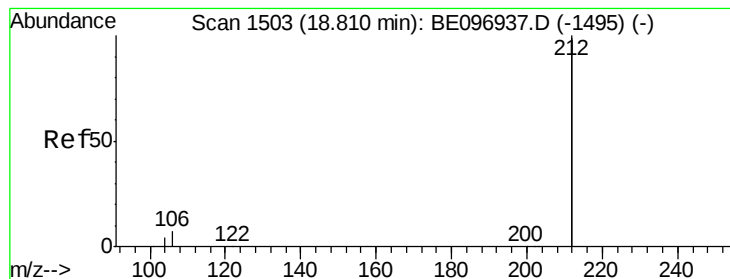
Tgt Ion:172 Resp: 7030
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 25.8 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BE097017.D
Acq: 20 Jul 2018 6:36

Tgt Ion:188 Resp: 12514
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.8 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.541 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

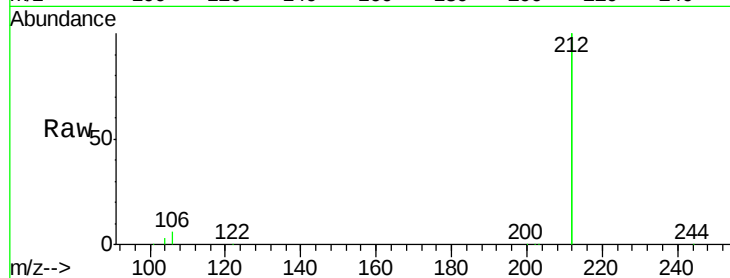
Instrument :

BNA_E

ClientSampleId :

GW03-071218

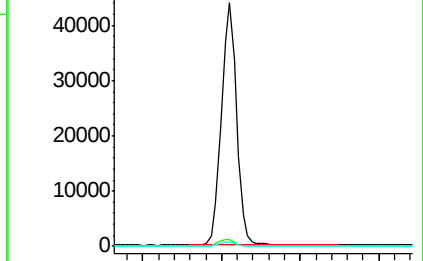
Tgt Ion:	212	Resp:	58940
Ion	Ratio	Lower	Upper
212	100		
106	3.0	2.8	4.2
104	1.7	1.6	2.4



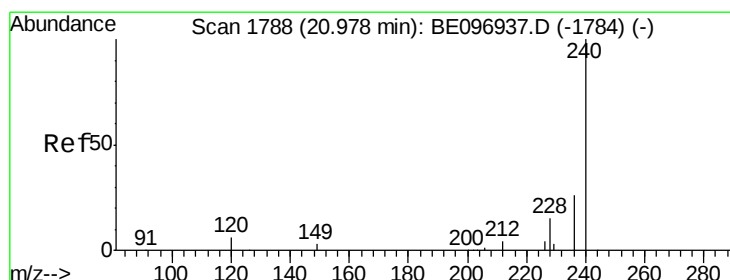
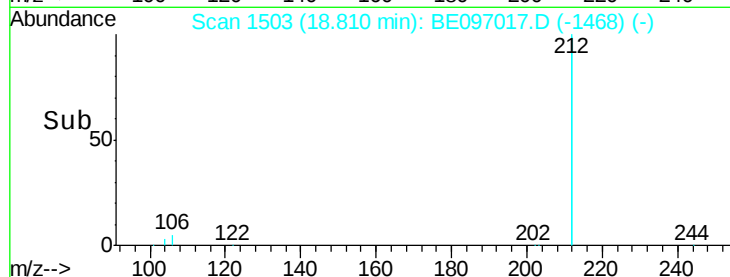
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#27

Chrysene-d12

Concen: 0.400 ng

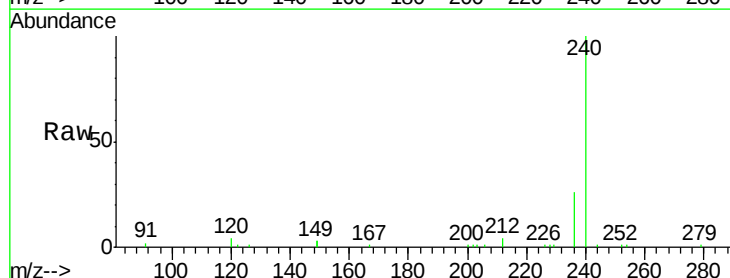
RT: 20.98 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

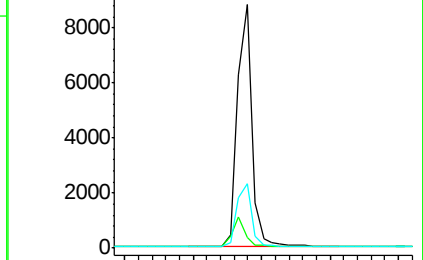
Tgt Ion:	240	Resp:	12978
Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.5	8.3#
236	26.2	20.7	31.1



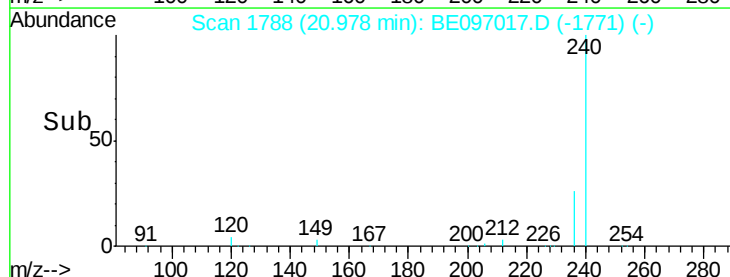
Abundance Ion 240.00 (239.70 to 240.70): E

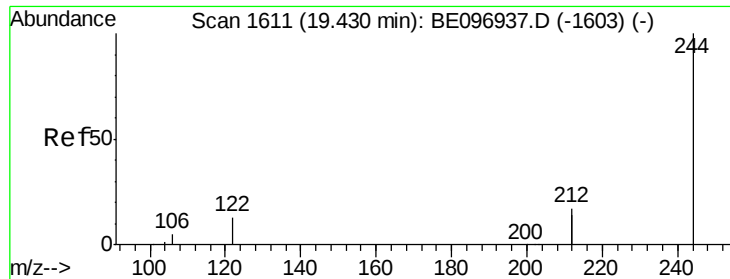
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#29

Terphenyl-d14

Concen: 0.569 ng

RT: 19.43 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

Instrument :

BNA_E

ClientSampleId :

GW03-071218

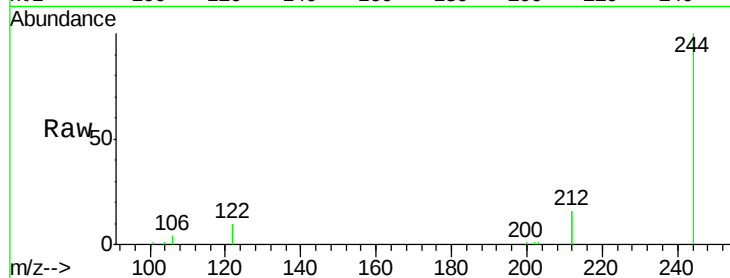
Tgt Ion:244 Resp: 14243

Ion Ratio Lower Upper

244 100

212 31.2 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

15000

10000

5000

0

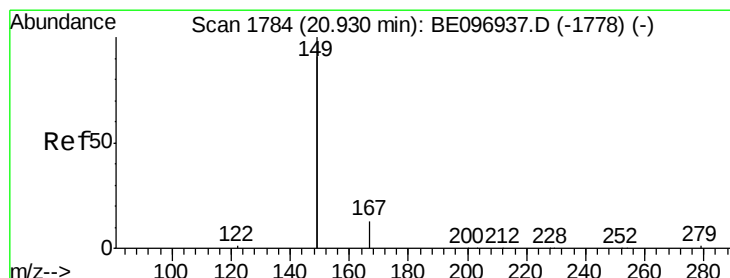
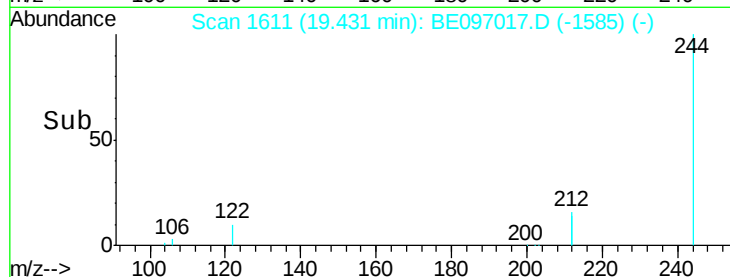
19.43

19.40

19.50

19.60

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.169 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

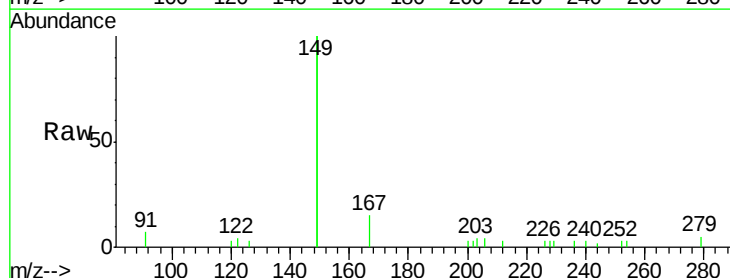
Tgt Ion:149 Resp: 5203

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

279 1.1 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

5000

4000

3000

2000

1000

0

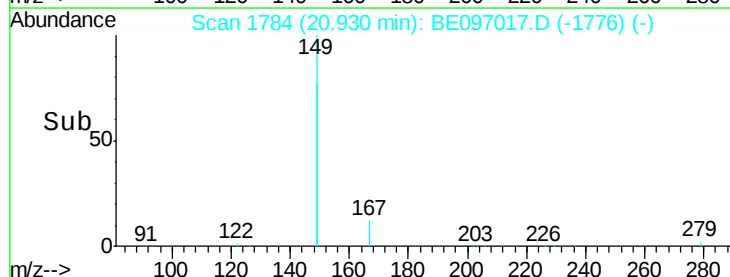
20.93

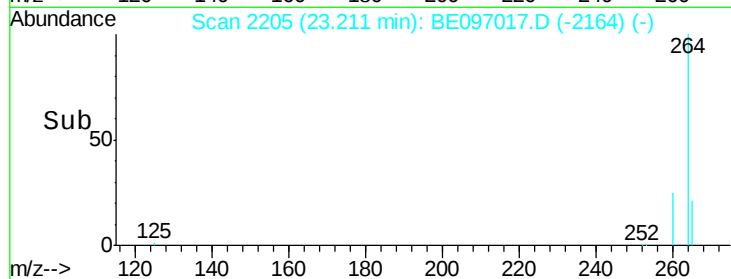
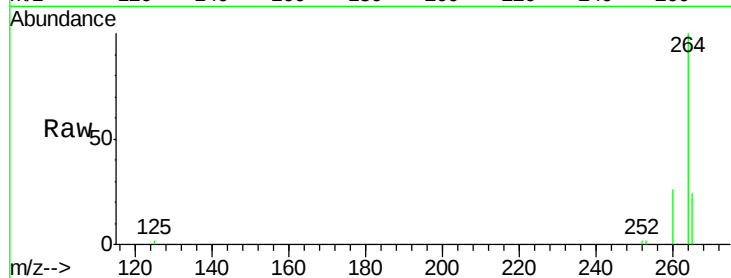
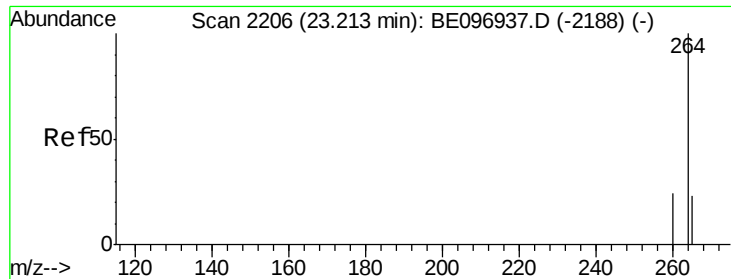
20.80

20.90

21.00

Time-->





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE097017.D

Acq: 20 Jul 2018 6:36

Instrument :

BNA_E

ClientSampleId :

GW03-071218

Tgt Ion:264 Resp: 12163

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 24.5 22.8 34.2

