

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096946.D
 Acq On : 16 Jul 2018 20:09
 Operator : SJ/JU
 Sample : J3170-14DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW02-071118DL

Quant Time: Jul 17 15:24:10 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

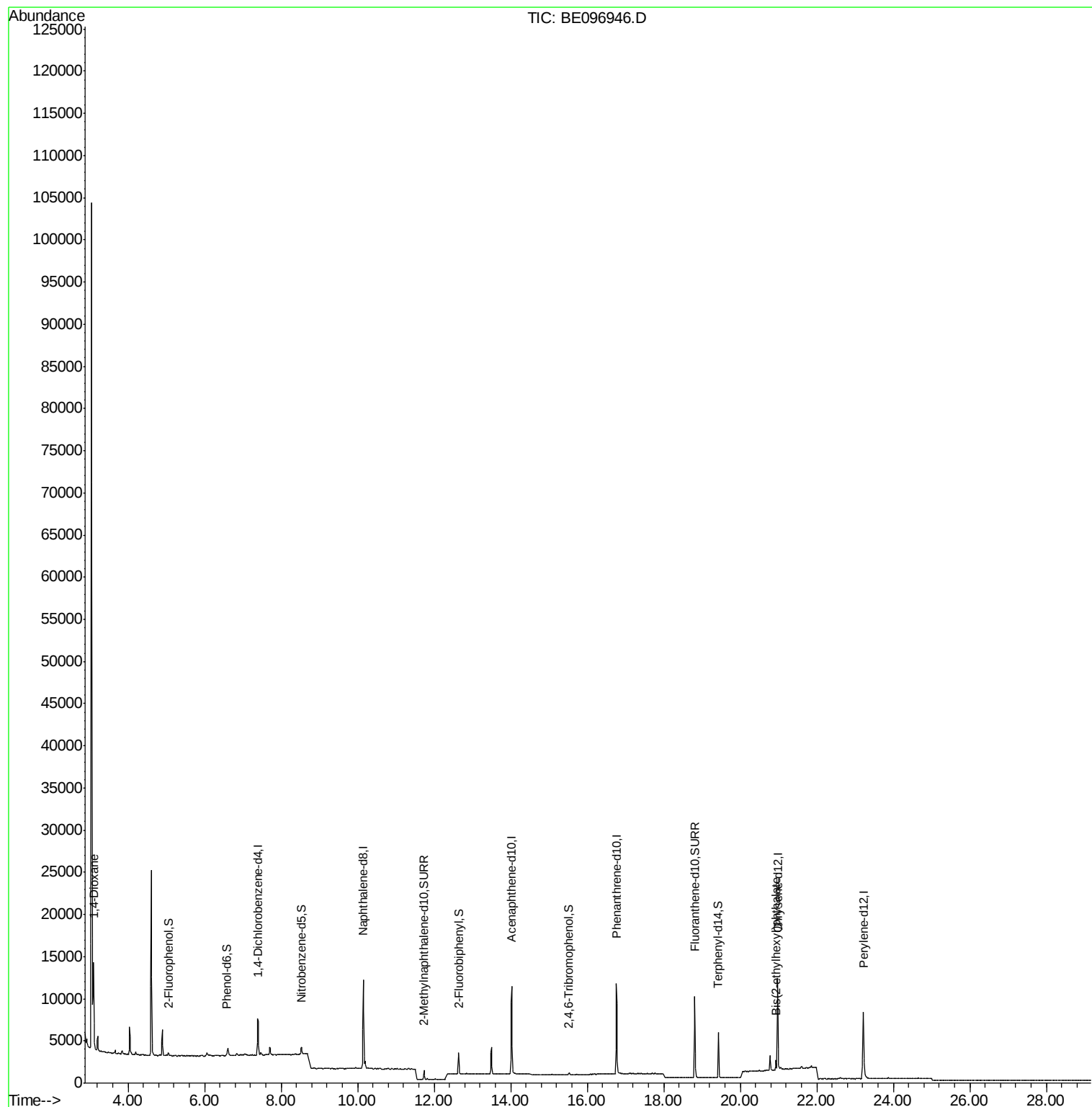
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2121	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	11233	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6196	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	14990	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	11692	0.40	ng	0.00
34) Perylene-d12	23.21	264	11939	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	213	0.04	ng	0.00
5) Phenol-d6	6.59	99	205	0.03	ng	-0.01
8) Nitrobenzene-d5	8.53	82	799	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1567	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	126	0.13	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	2322	0.10	ng	0.00
25) Fluoranthene-d10	18.81	212	13128	0.10	ng	0.00
29) Terphenyl-d14	19.43	244	4615	0.20	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	4830	1.591	ng	# 90
32) Bis(2-ethylhexyl)phthalate	20.93	149	1280	0.046	ng	# 99

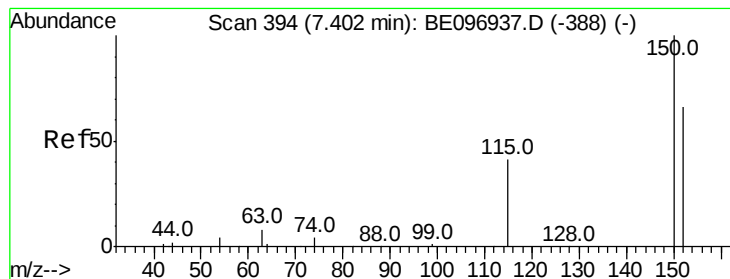
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. 0.00 min

Lab File: BE096946.D

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Instrument :

BNA_E

ClientSampleId :

GW02-071118DL

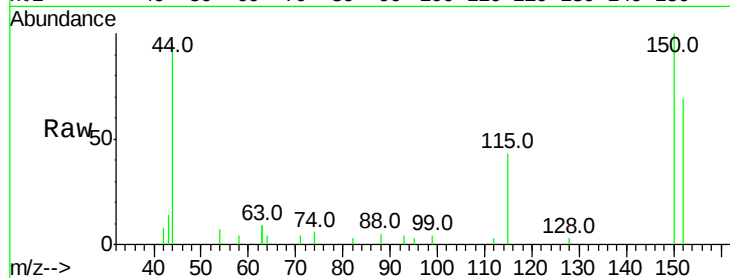
Tot Ion:152 Resp: 2121

Ion Ratio Lower Upper

152 100

150 145.5 117.2 175.8

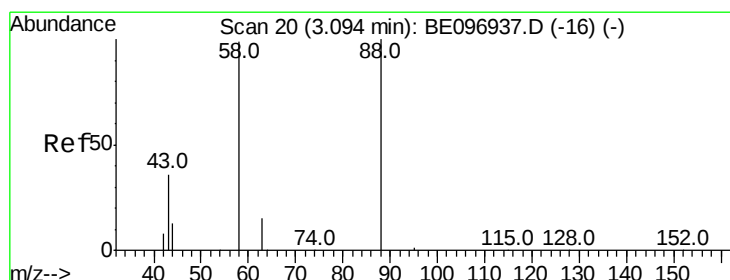
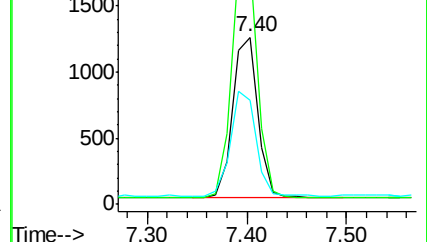
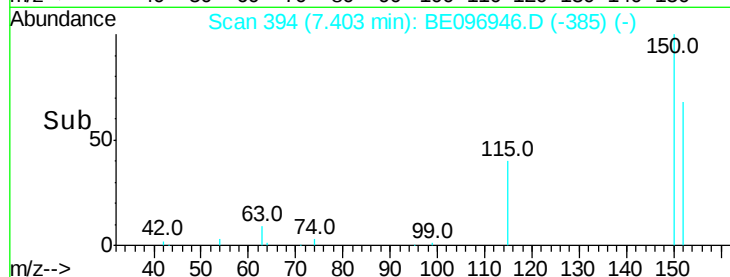
115 61.8 57.0 85.6



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: 1.591 ng

RT: 3.10 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE096946.D

Acq: 16 Jul 2018 20:09

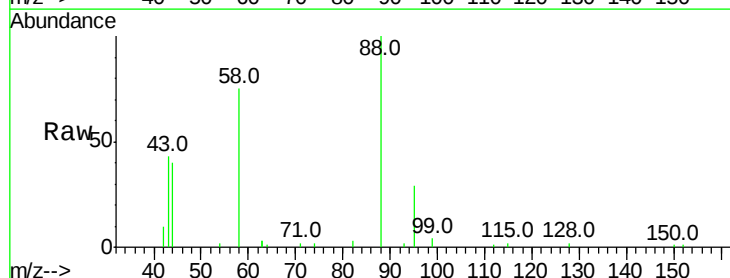
Tgt Ion: 88 Resp: 4830

Ion Ratio Lower Upper

88 100

58 82.2 63.2 94.8

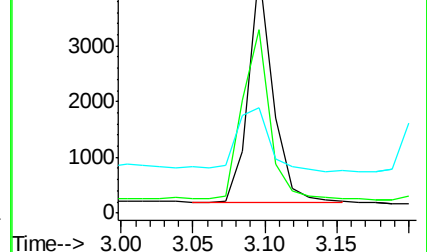
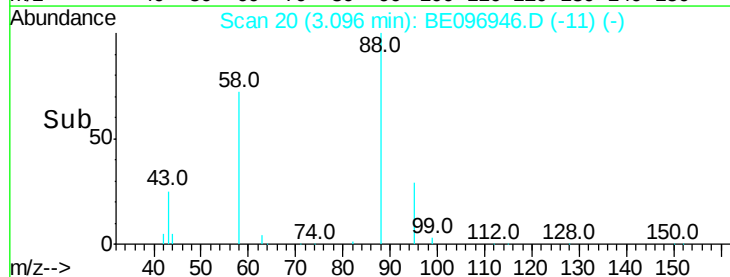
43 37.0 41.2 61.8#

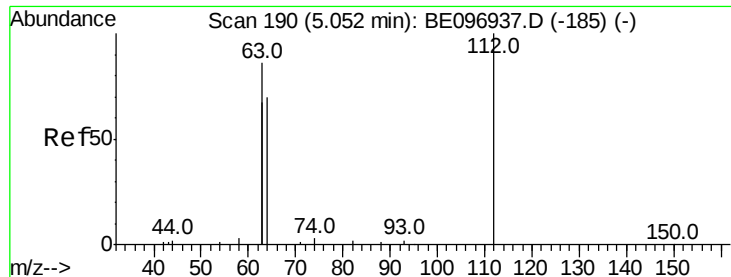


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.042 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE096946.D

Acq: 16 Jul 2018 20:09

Instrument :

BNA_E

ClientSampleId :

GW02-071118DL

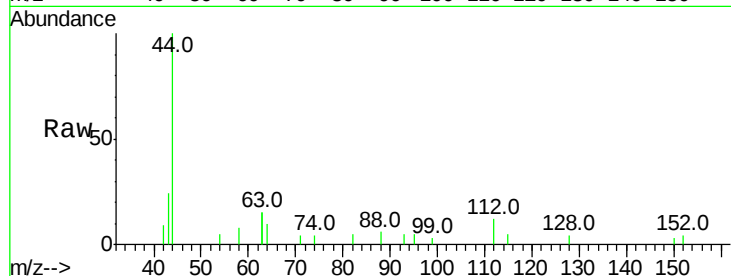
Tot Ion:112 Resp: 213

Ion Ratio Lower Upper

112 100

64 72.8 60.1 90.1

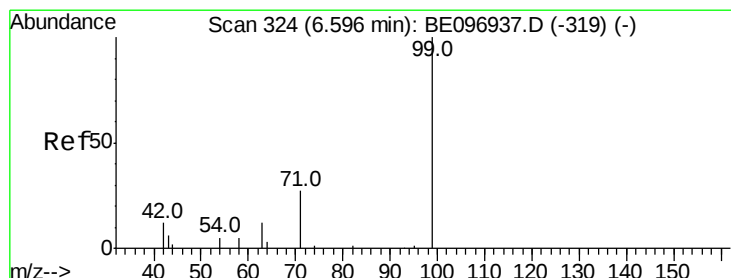
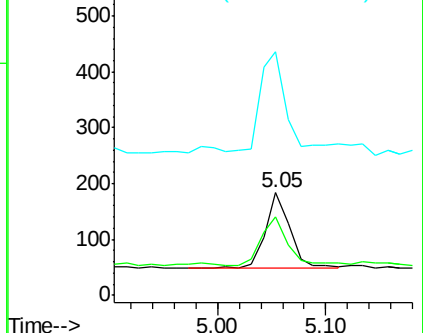
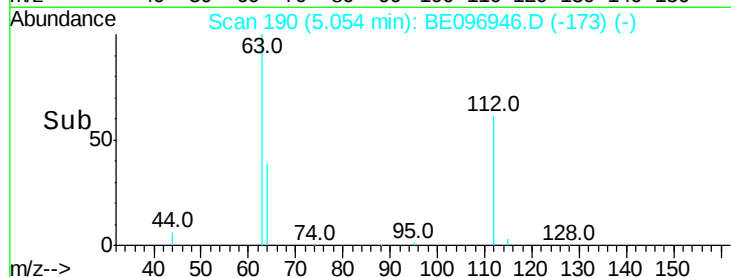
63 132.4 116.8 175.2



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: 0.026 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE096946.D

Acq: 16 Jul 2018 20:09

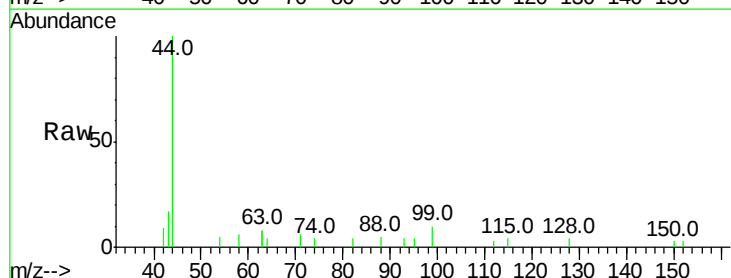
Tgt Ion: 99 Resp: 205

Ion Ratio Lower Upper

99 100

42 58.5 20.2 30.2#

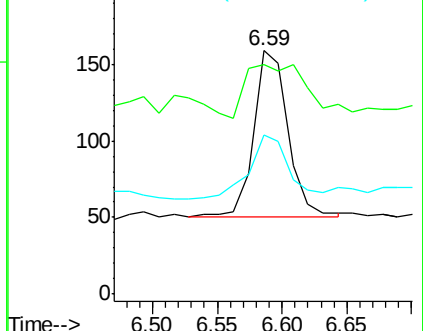
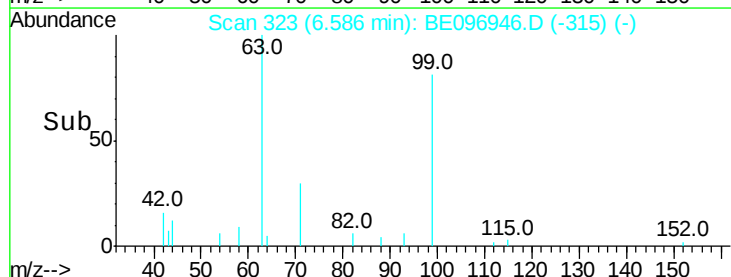
71 44.4 28.4 42.6#

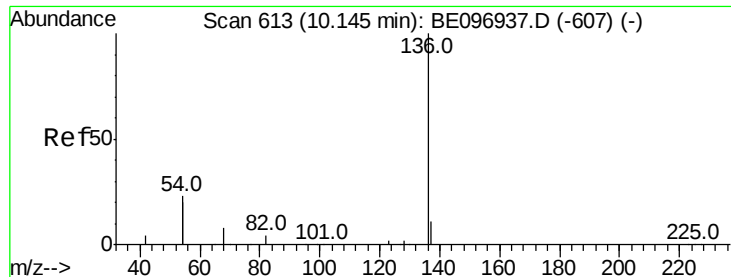


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE096946.D

Acq: 16 Jul 2018 20:09

Instrument :

BNA_E

ClientSampleId :

GW02-071118DL

Tot Ion:136 Resp: 11233

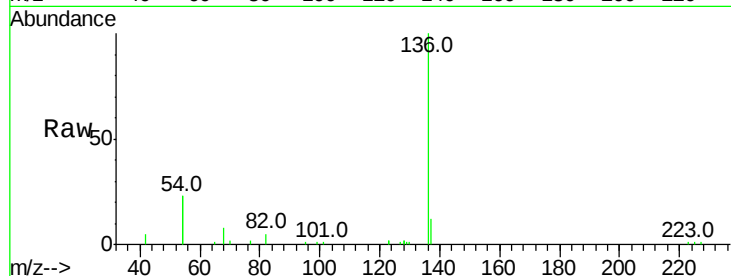
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 45.3 29.1 43.7#

68 8.4 6.2 9.2

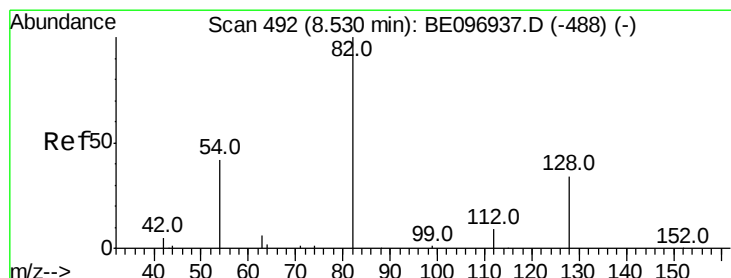
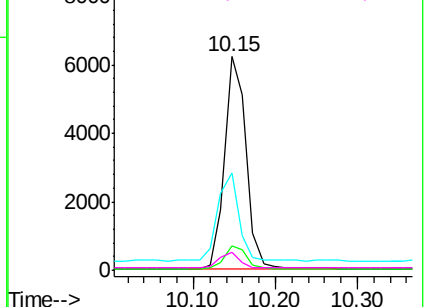
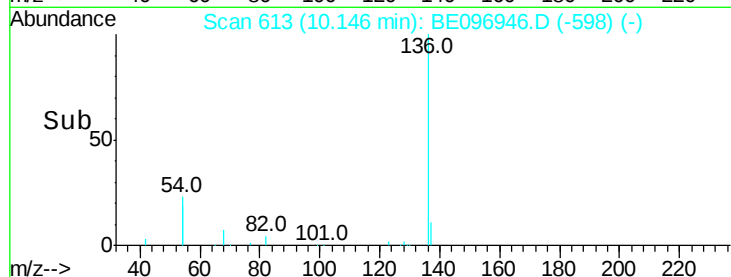


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.098 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096946.D

Acq: 16 Jul 2018 20:09

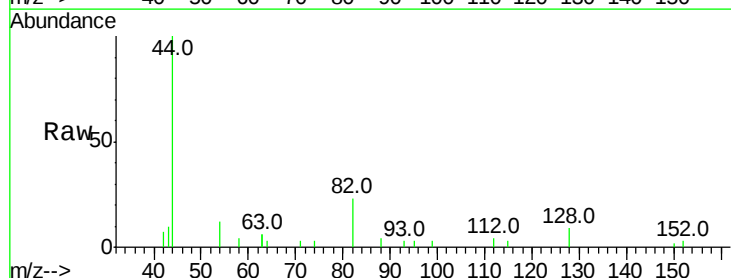
Tgt Ion: 82 Resp: 799

Ion Ratio Lower Upper

82 100

128 39.6 24.0 36.0#

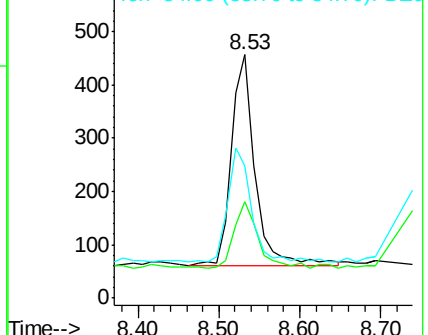
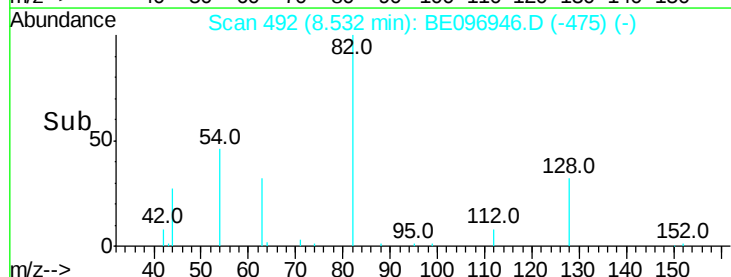
54 54.0 40.0 60.0

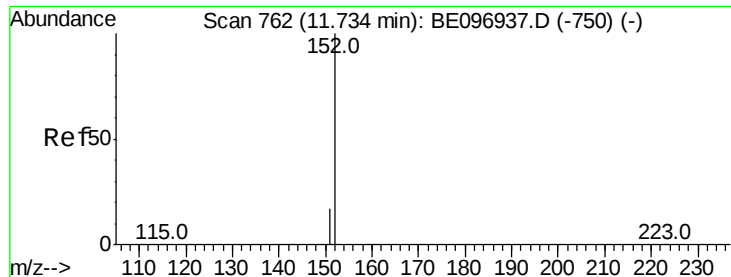


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

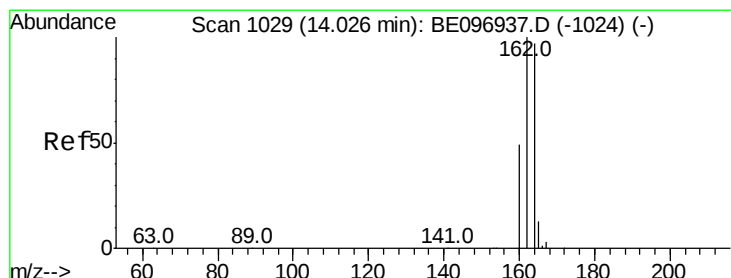
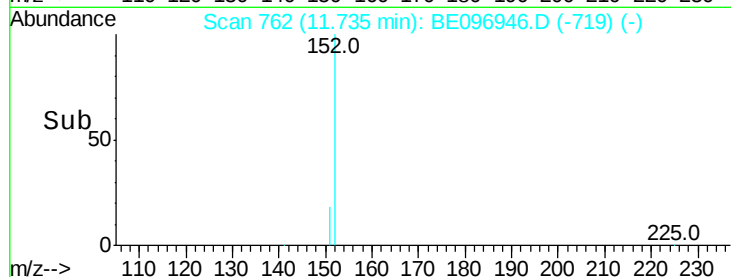
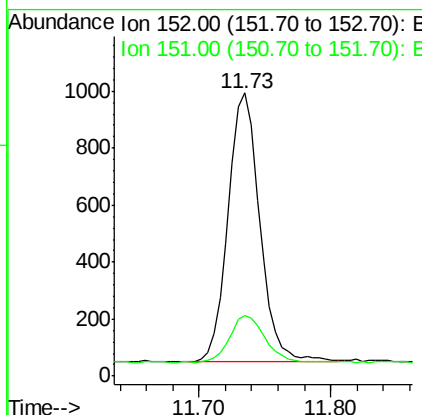
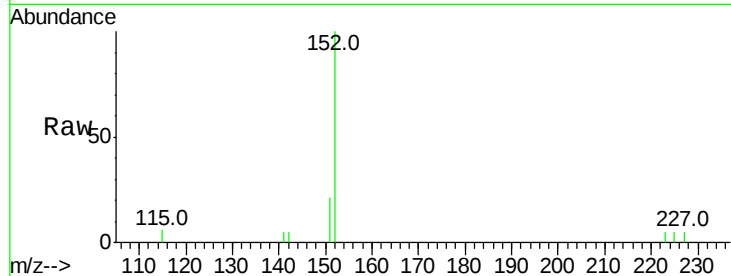




#11
2-Methylnaphthalene-d10
Concen: 0.096 ng
RT: 11.73 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

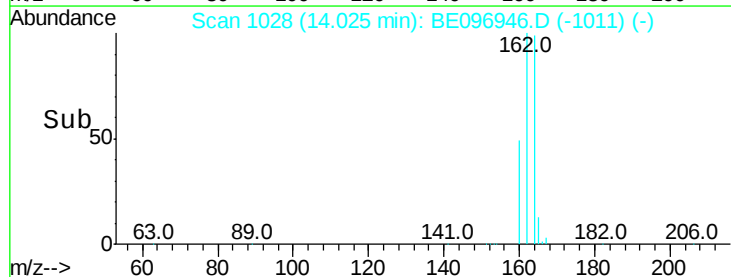
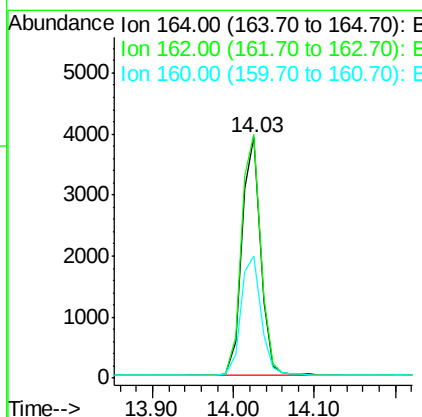
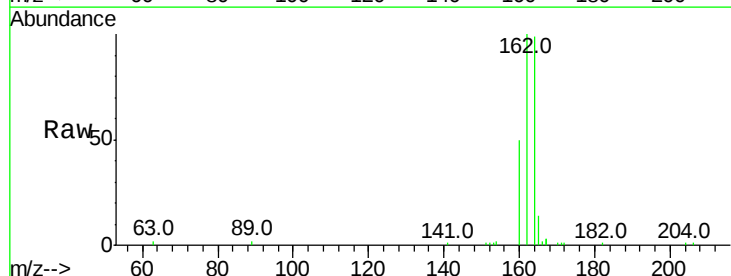
Instrument :
BNA_E
ClientSampleId :
GW02-071118DL

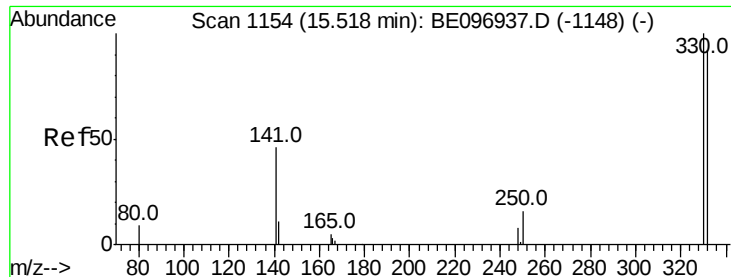
Tot Ion:152 Resp: 1567
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096946.D
Acq: 16 Jul 2018 20:09

Tgt Ion:164 Resp: 6196
Ion Ratio Lower Upper
164 100
162 101.0 83.1 124.7
160 50.4 37.1 55.7

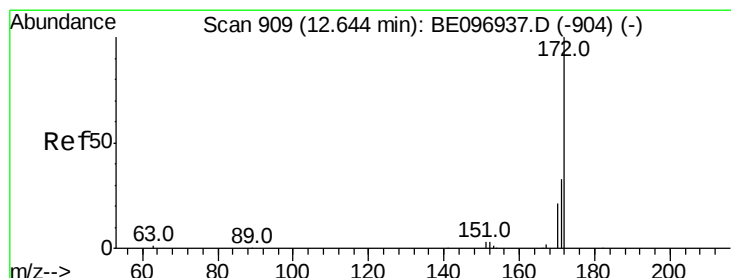
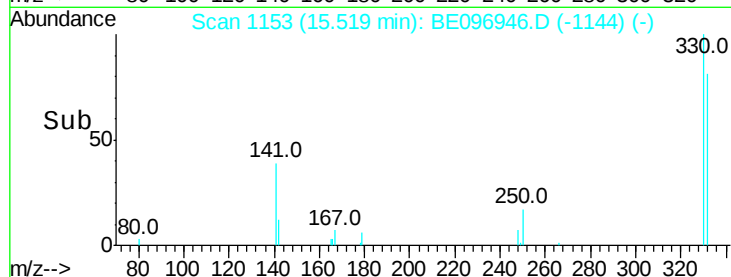
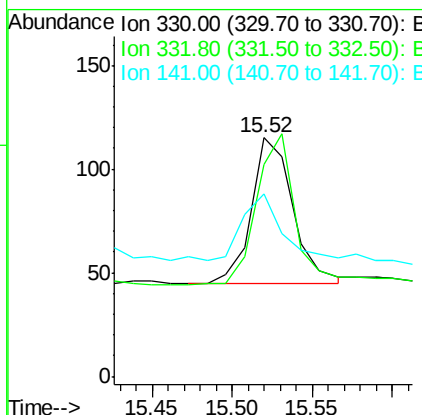
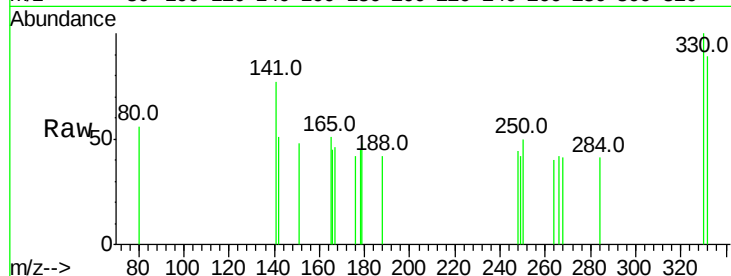




#14
 2,4,6-Tribromophenol
 Concen: 0.135 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE096946.D
 Acq: 16 Jul 2018 20:09

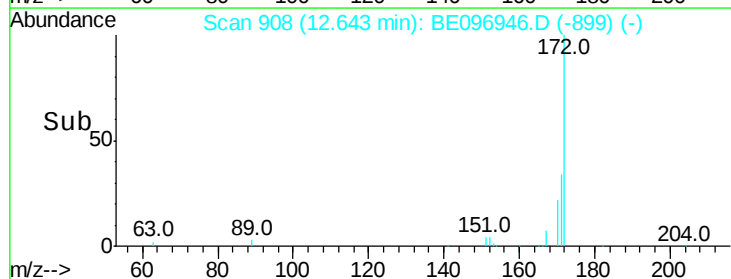
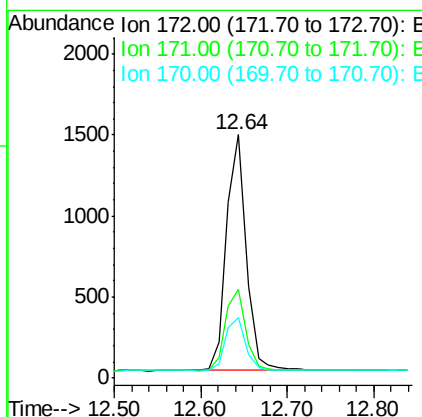
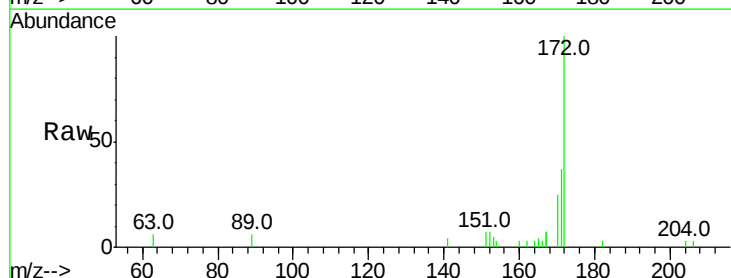
Instrument :
 BNA_E
 ClientSampleId :
 GW02-071118DL

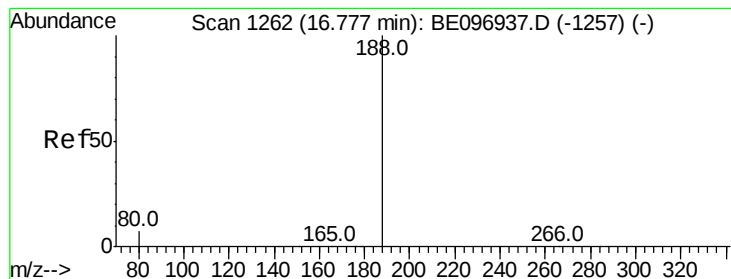
Tot Ion:330 Resp: 126
 Ion Ratio Lower Upper
 330 100
 332 96.8 152.7 229.1#
 141 43.7 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.101 ng
 RT: 12.64 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BE096946.D
 Acq: 16 Jul 2018 20:09

Tgt Ion:172 Resp: 2322
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.9 44.9
 170 24.9 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE096946.D

Acq: 16 Jul 2018 20:09

Instrument :

BNA_E

ClientSampleId :

GW02-071118DL

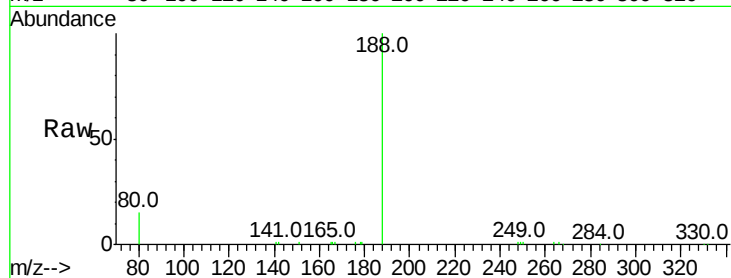
Tot Ion:188 Resp: 14990

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

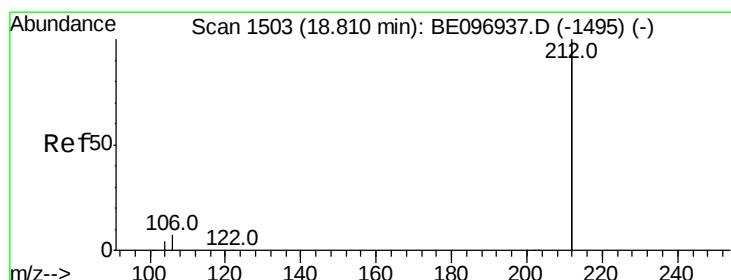
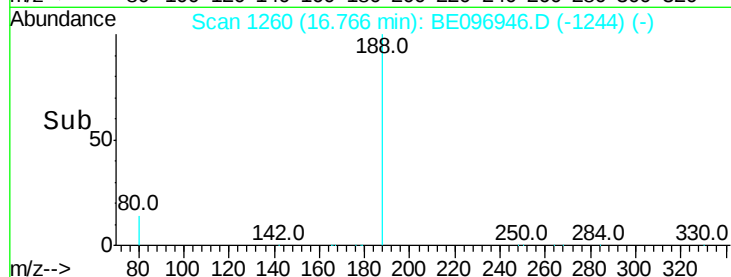
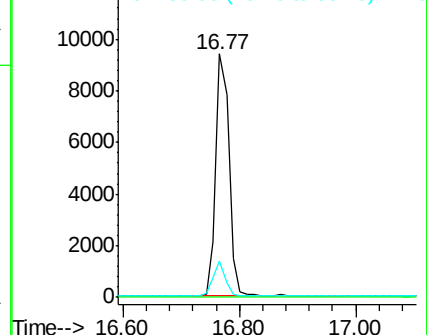
80 14.7 3.6 5.4#



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: 0.101 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096946.D

Acq: 16 Jul 2018 20:09

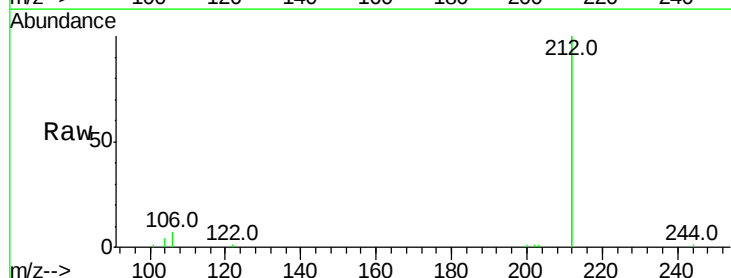
Tgt Ion:212 Resp: 13128

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

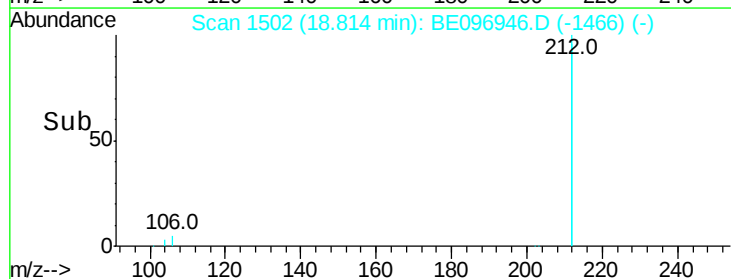
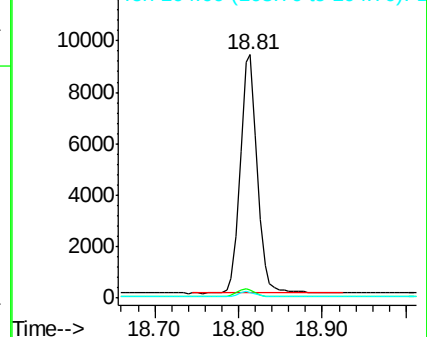
104 2.0 1.6 2.4

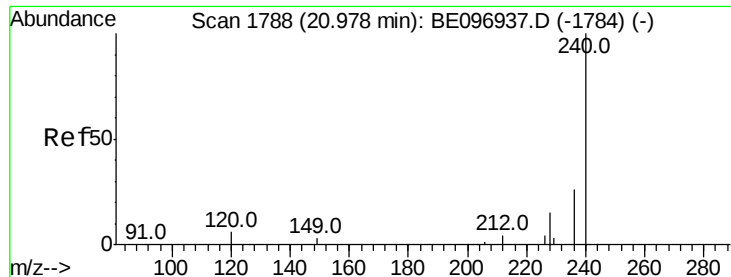


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1786

Delta R.T. 0.00 min

Lab File: BE096946.D

Acq: 16 Jul 2018 20:09

Instrument :

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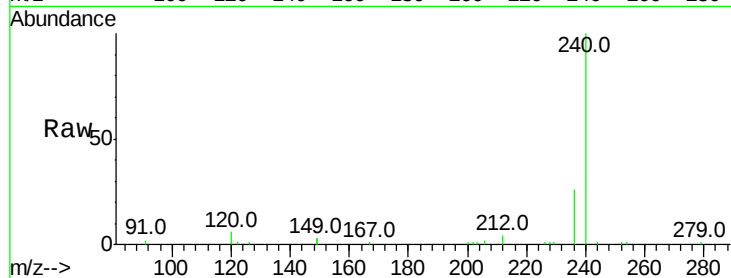
Tot Ion:240 Resp: 11692

Ion Ratio Lower Upper

240 100

120 5.7 5.5 8.3

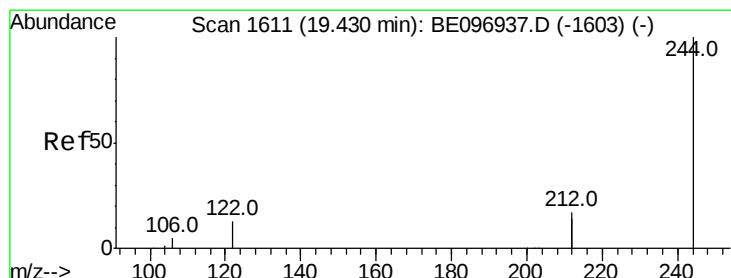
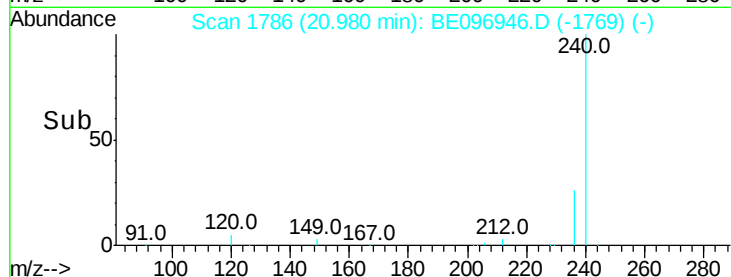
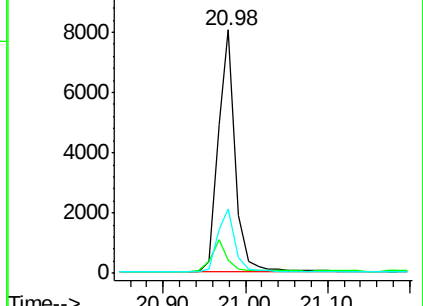
236 26.5 20.7 31.1



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: 0.205 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE096946.D

Acq: 16 Jul 2018 20:09

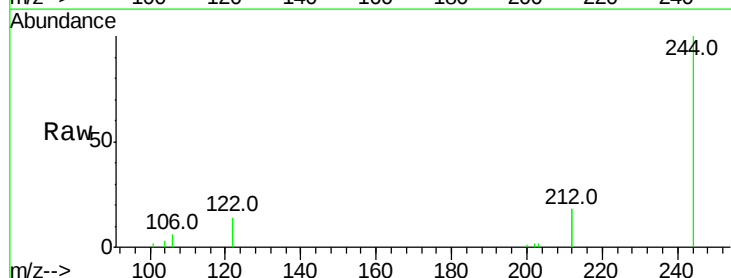
Tgt Ion:244 Resp: 4615

Ion Ratio Lower Upper

244 100

212 35.6 25.4 38.0

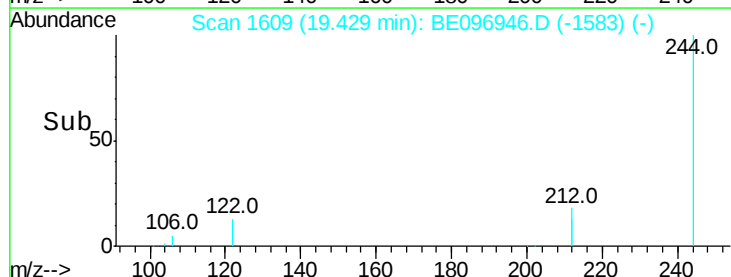
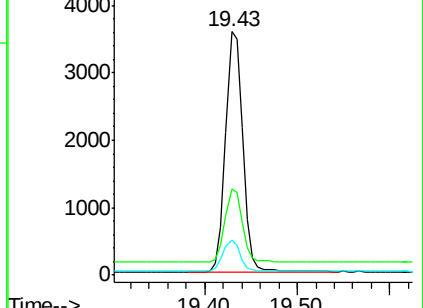
122 14.2 8.1 12.1#

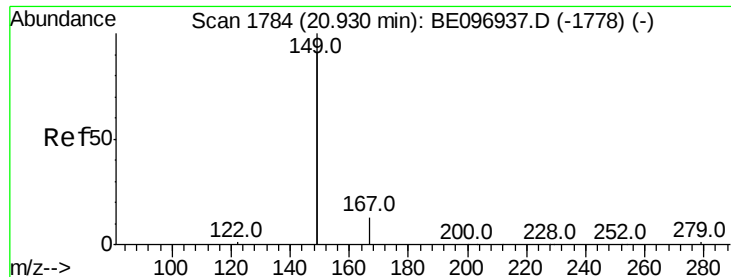


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

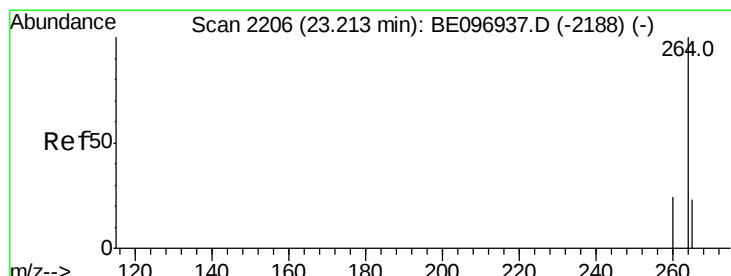
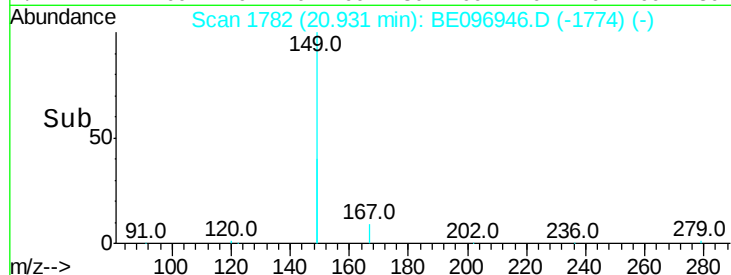
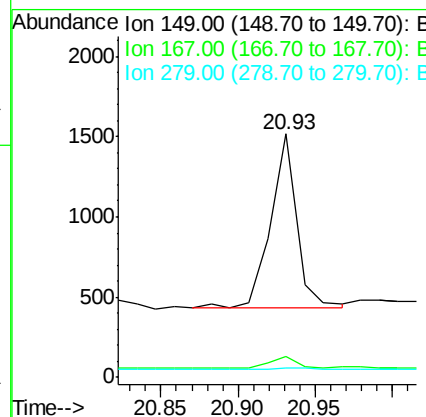
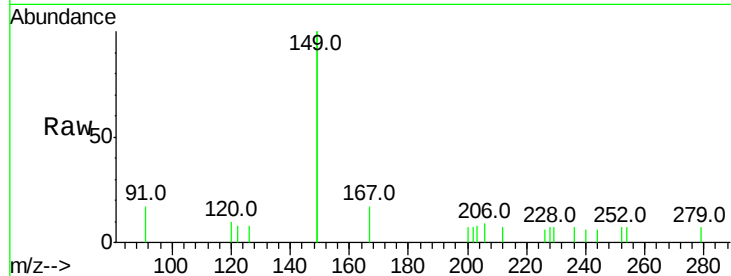




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 20.93 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE096946.D
 Acq: 16 Jul 2018 20:09

Instrument :
 BNA_E
 ClientSampleId :
 GW02-071118DL

Tot Ion:149 Resp: 1280
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.4 8.0
 279 1.6 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BE096946.D
 Acq: 16 Jul 2018 20:09

Tgt Ion:264 Resp: 11939
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 24.6 22.8 34.2

