

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
 Data File : BE097026.D
 Acq On : 20 Jul 2018 12:10
 Operator : SJ/JU
 Sample : J4014-15DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-071218DL

Quant Time: Jul 20 13:12:54 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

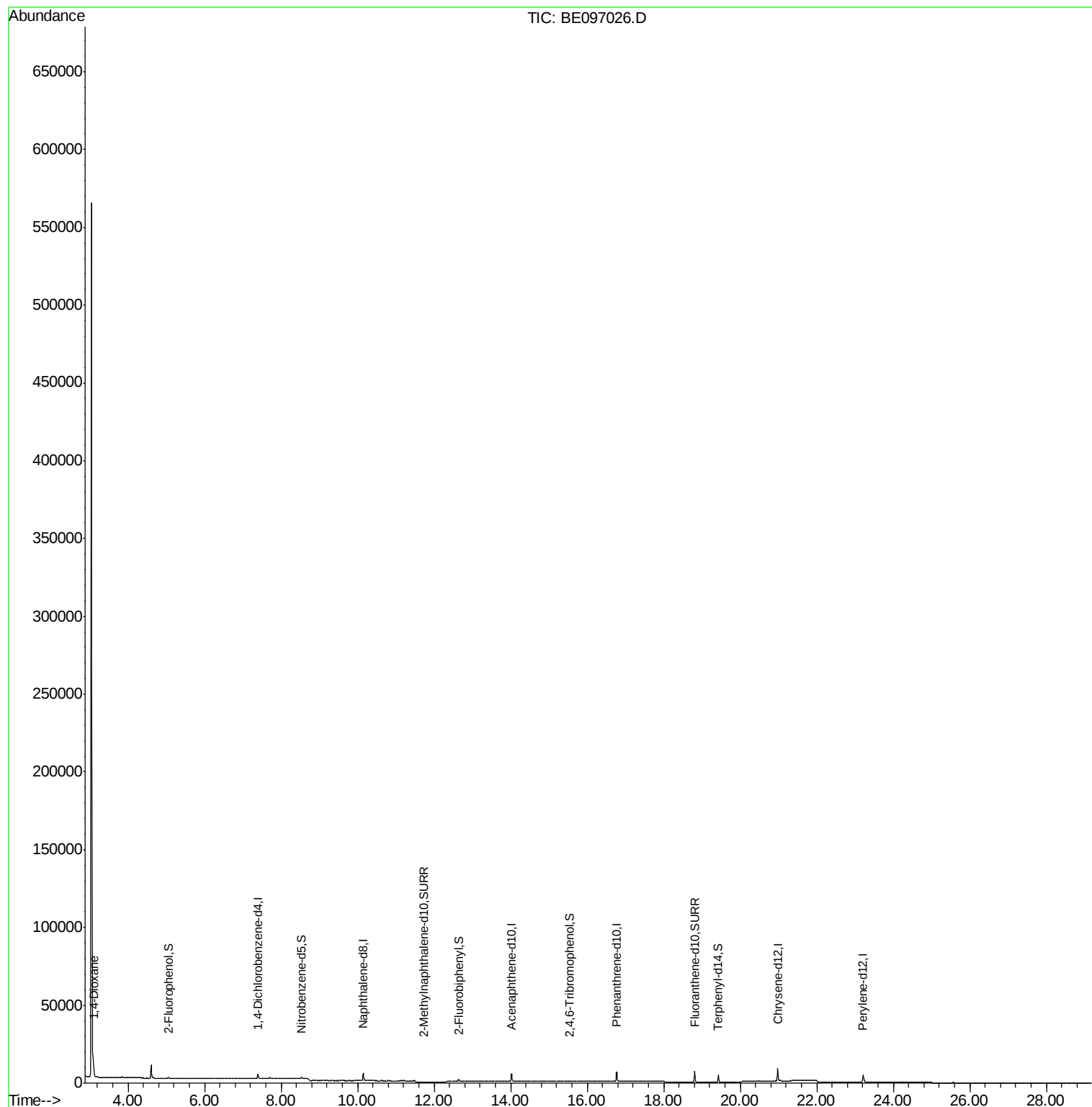
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1222	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5624	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	3317	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	9905	0.40	ng	0.00
27) Chrysene-d12	20.98	240	8190	0.40	ng	0.00
34) Perylene-d12	23.21	264	7046	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	134	0.05	ng	0.00
5) Phenol-d6	6.60	99	88	0.02	ng	0.00
8) Nitrobenzene-d5	8.53	82	415	0.10	ng	0.01
11) 2-Methylnaphthalene-d10	11.73	152	791	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	87	0.16	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	1490	0.12	ng	0.01
25) Fluoranthene-d10	18.81	212	9775	0.11	ng	0.00
29) Terphenyl-d14	19.43	244	4102	0.26	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.10	88	2595	1.483	ng	Qvalue 91

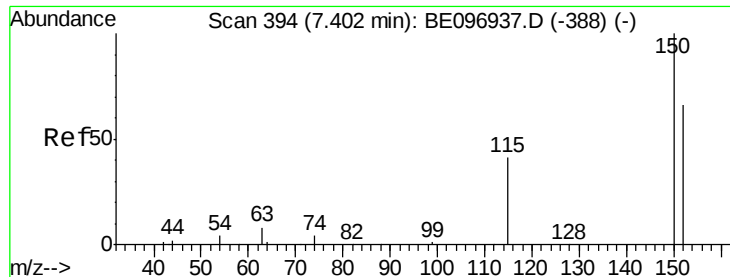
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE097026.D

Acq: 20 Jul 2018 12:10

Instrument :

BNA_E

ClientSampleId :

RE122D2-071218DL

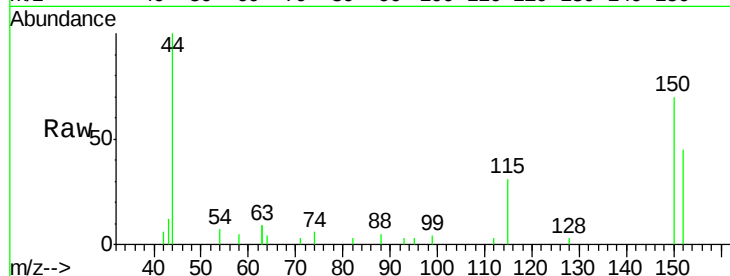
Tgt Ion:152 Resp: 1222

Ion Ratio Lower Upper

152 100

150 154.5 117.2 175.8

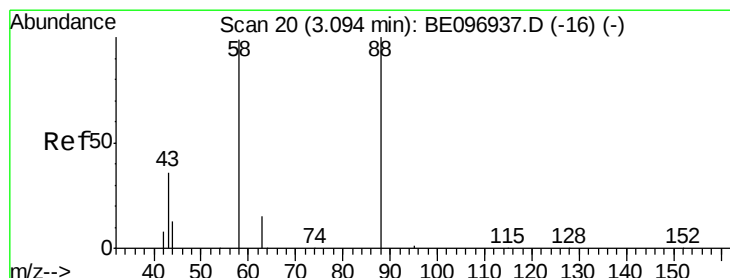
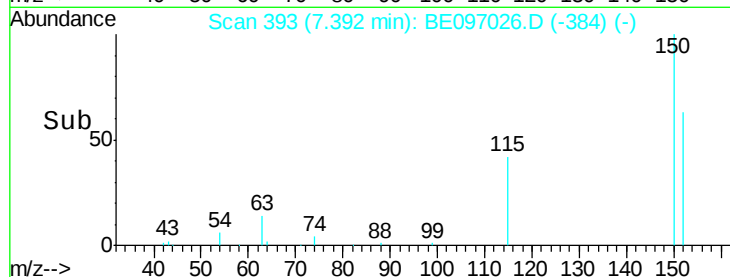
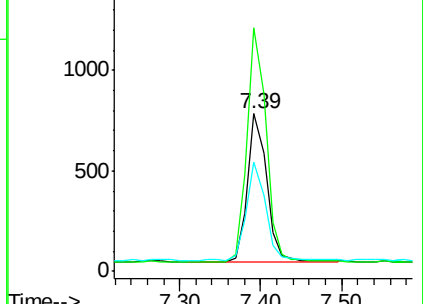
115 69.4 57.0 85.6



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: 1.483 ng

RT: 3.10 min Scan# 20

Delta R.T. 0.00 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

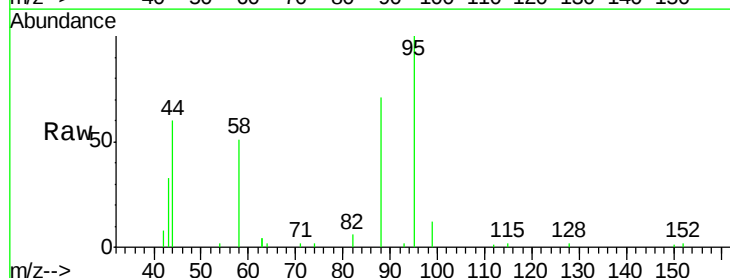
Tgt Ion: 88 Resp: 2595

Ion Ratio Lower Upper

88 100

58 86.3 63.2 94.8

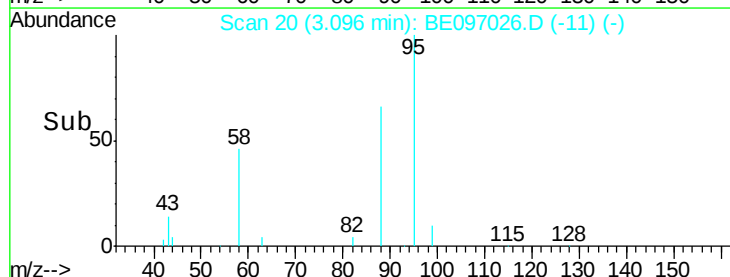
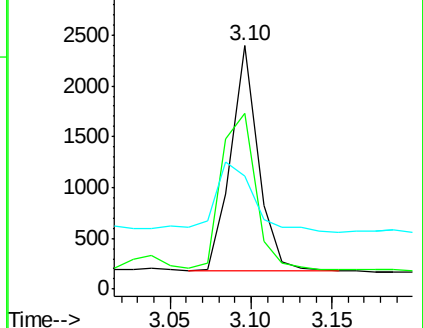
43 45.4 41.2 61.8

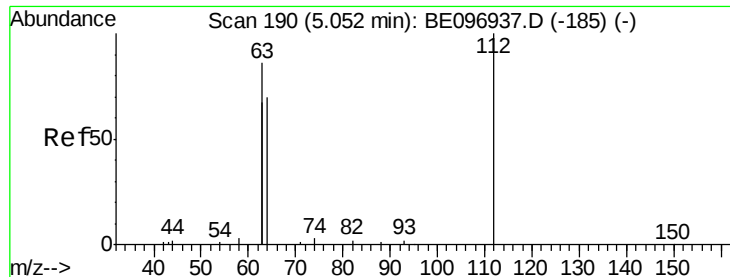


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.046 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

Instrument :

BNA_E

ClientSampleId :

RE122D2-071218DL

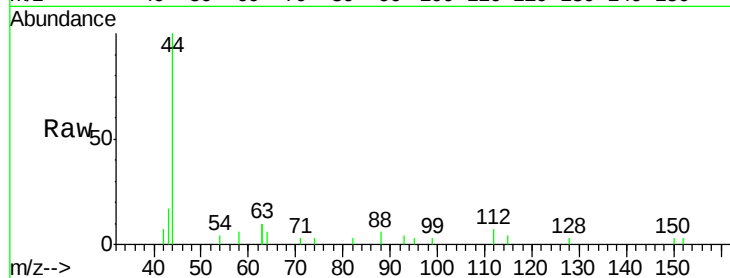
Tgt Ion: 112 Resp: 134

Ion Ratio Lower Upper

112 100

64 84.3 60.1 90.1

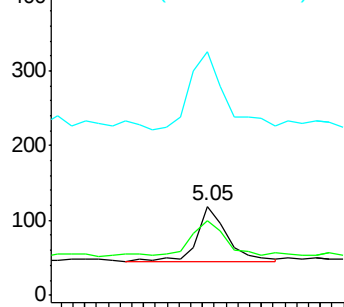
63 159.0 116.8 175.2



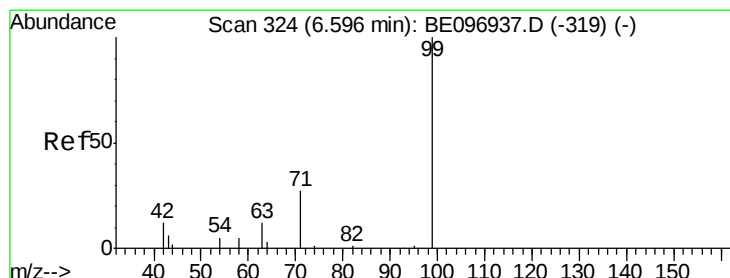
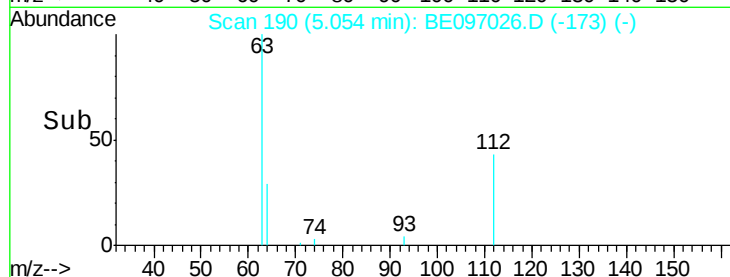
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.020 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

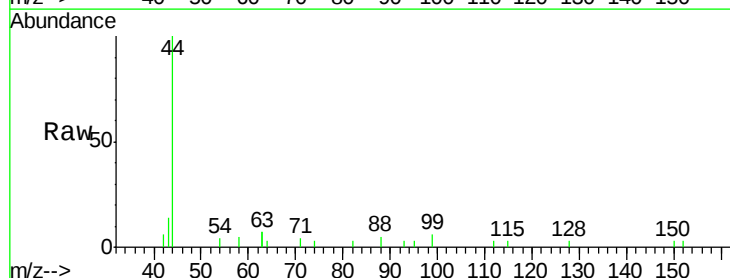
Tgt Ion: 99 Resp: 88

Ion Ratio Lower Upper

99 100

42 29.5 20.2 30.2

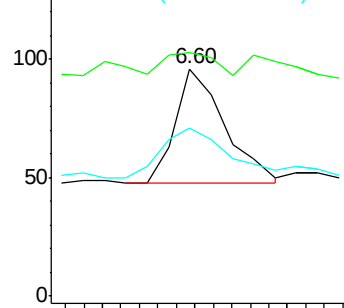
71 59.1 28.4 42.6#



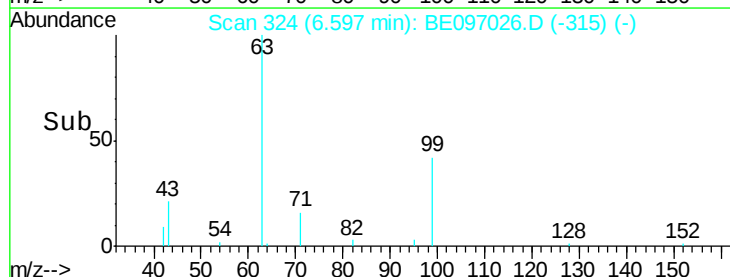
Abundance Ion 99.00 (98.70 to 99.70): BE0

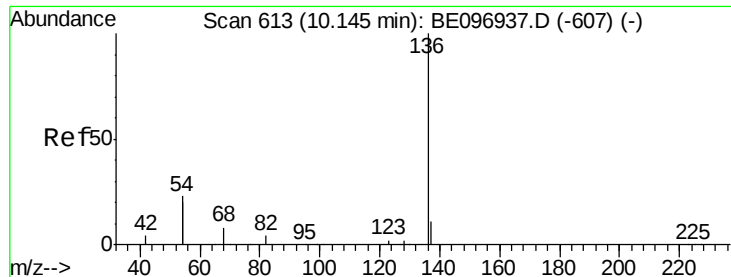
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

Instrument :

BNA_E

ClientSampleId :

RE122D2-071218DL

Tgt Ion: 136 Resp: 5624

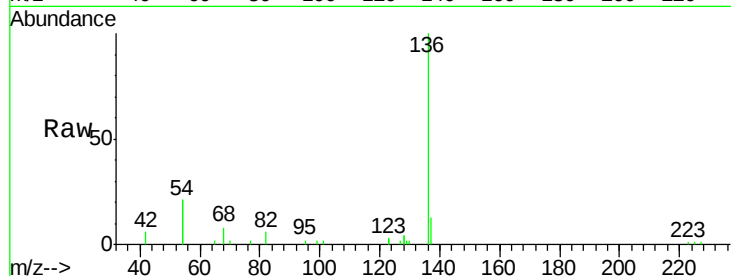
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 42.1 29.1 43.7

68 8.3 6.2 9.2

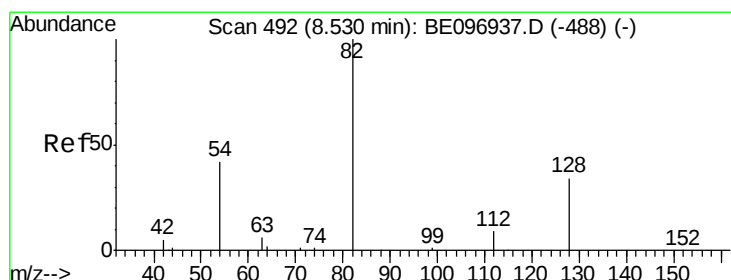
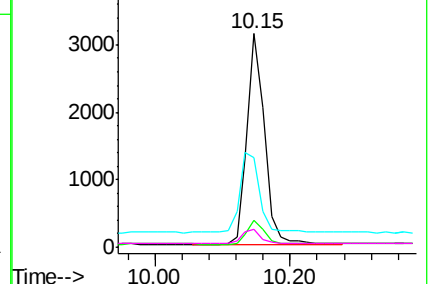
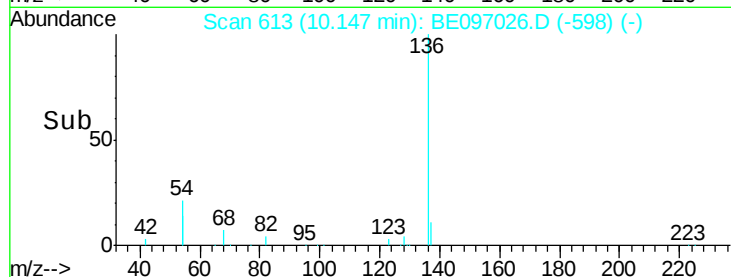


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.101 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

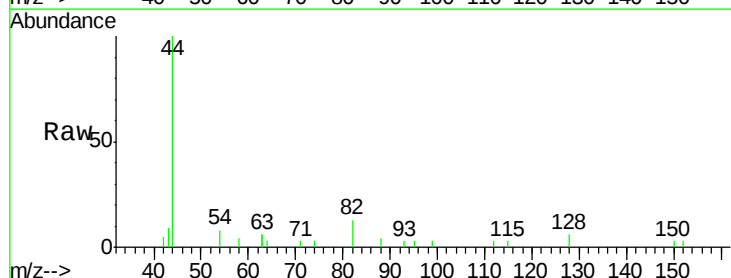
Tgt Ion: 82 Resp: 415

Ion Ratio Lower Upper

82 100

128 48.9 24.0 36.0#

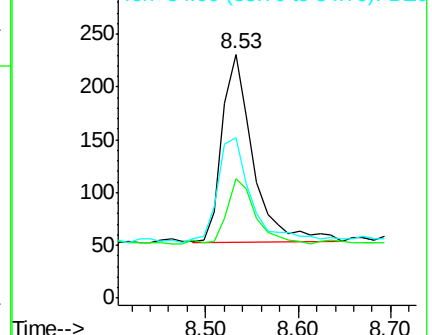
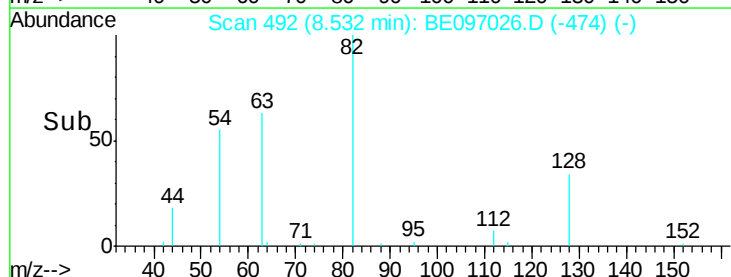
54 65.8 40.0 60.0#

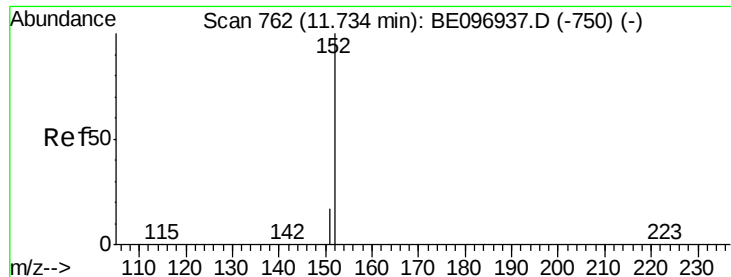


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

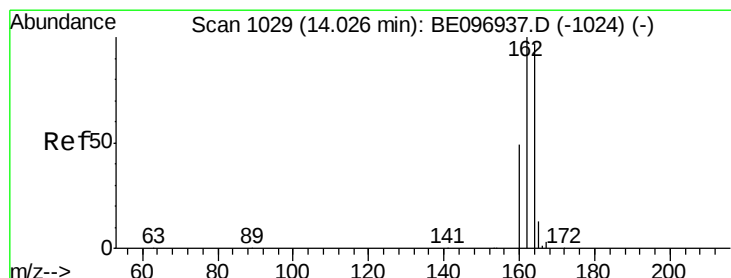
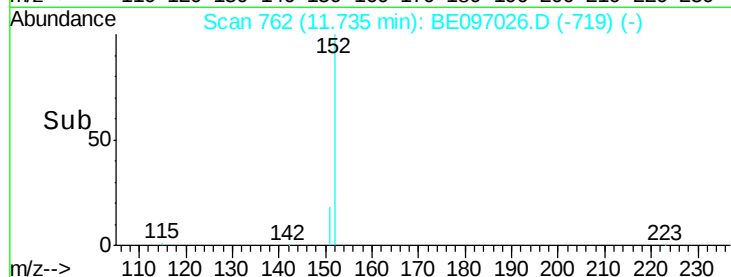
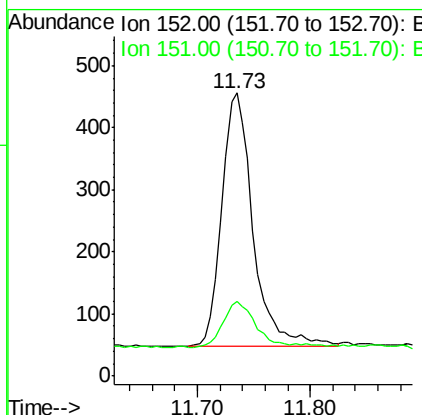
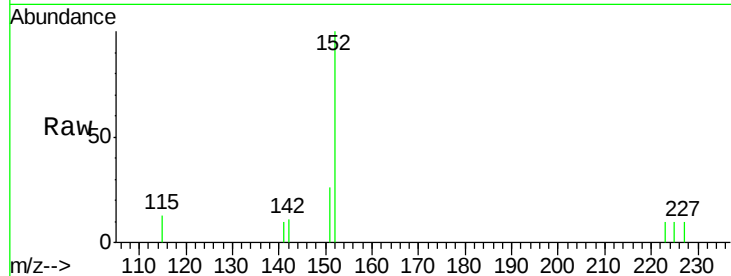




#11
 2-Methylnaphthalene-d10
 Concen: 0.097 ng
 RT: 11.73 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE097026.D
 Acq: 20 Jul 2018 12:10

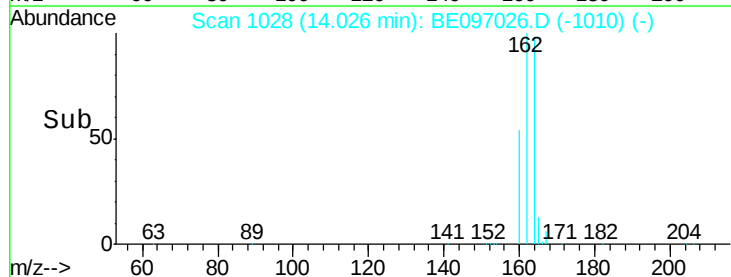
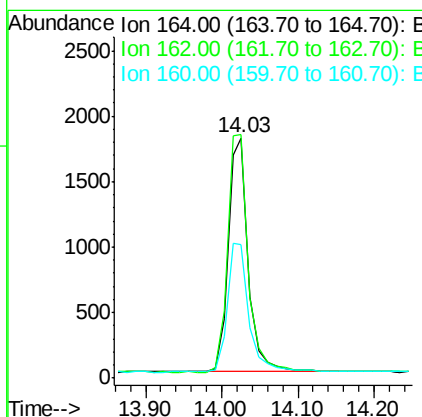
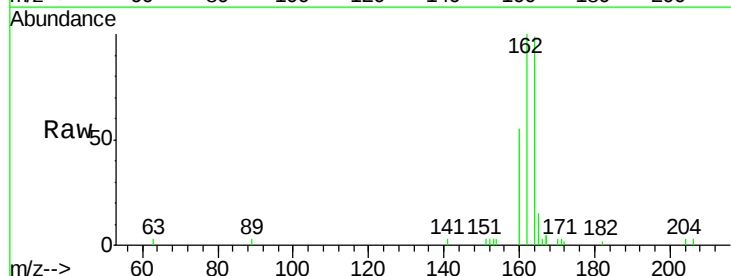
Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-071218DL

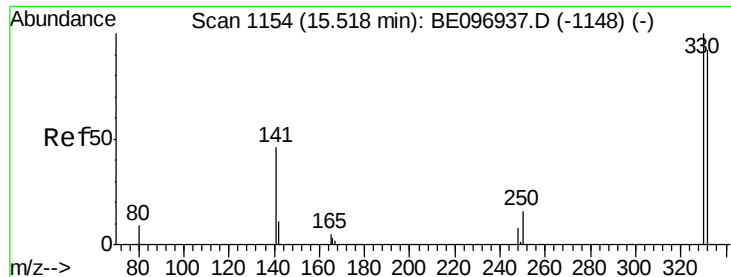
Tgt Ion:152 Resp: 791
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.03 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BE097026.D
 Acq: 20 Jul 2018 12:10

Tgt Ion:164 Resp: 3317
 Ion Ratio Lower Upper
 164 100
 162 101.5 83.1 124.7
 160 55.6 37.1 55.7

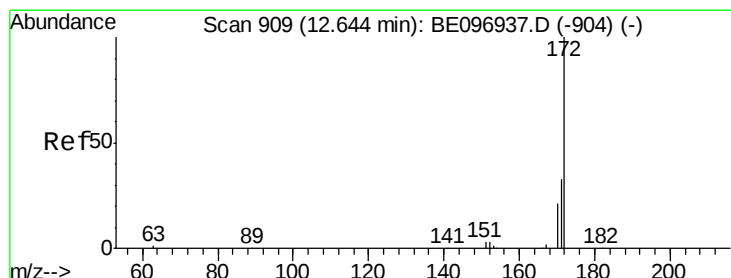
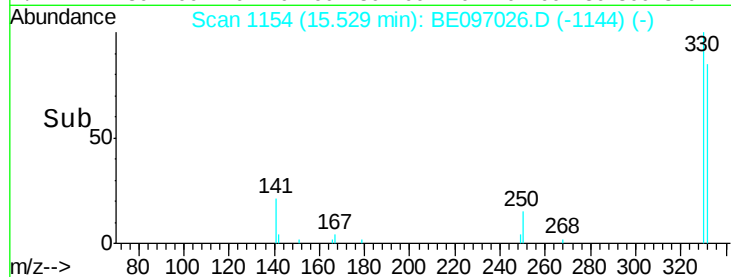
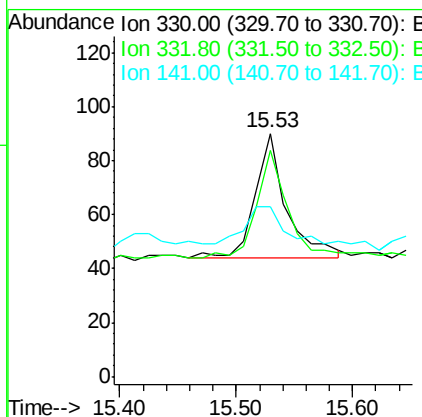
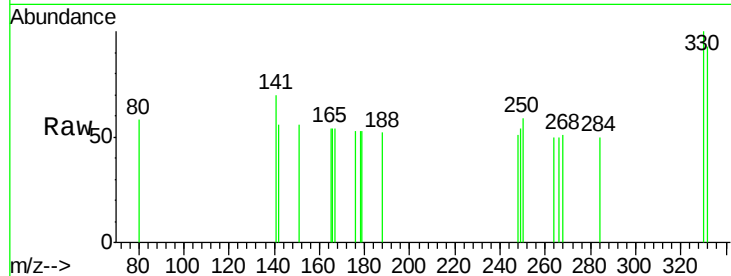




#14
 2,4,6-Tribromophenol
 Concen: 0.159 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097026.D
 Acq: 20 Jul 2018 12:10

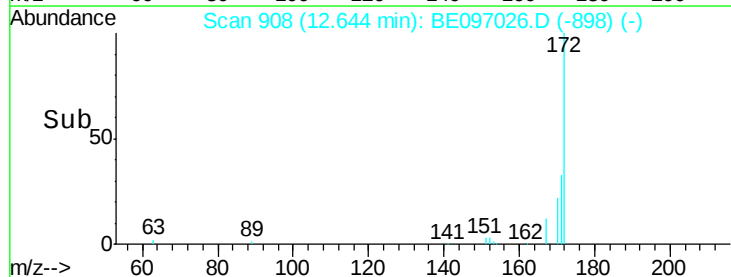
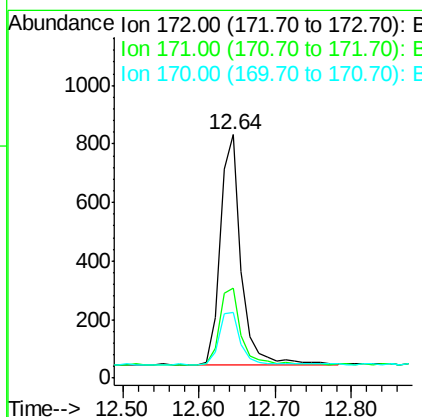
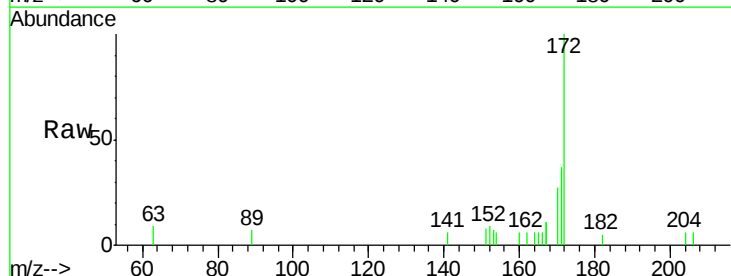
Instrument :
 BNA_E
 ClientSampleId :
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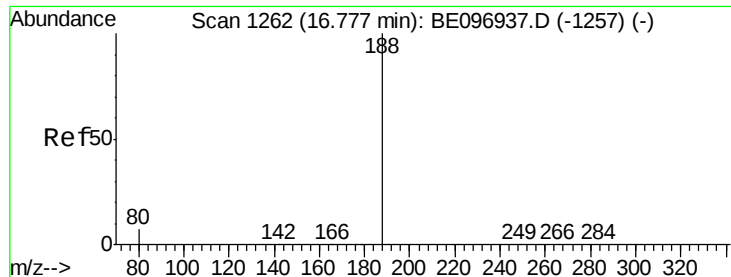
Tgt Ion: 330 Resp: 87
 Ion Ratio Lower Upper
 330 100
 332 85.1 152.7 229.1#
 141 36.8 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.121 ng
 RT: 12.64 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BE097026.D
 Acq: 20 Jul 2018 12:10

Tgt Ion: 172 Resp: 1490
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 26.8 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

Instrument :

BNA_E

ClientSampleId :

RE122D2-071218DL

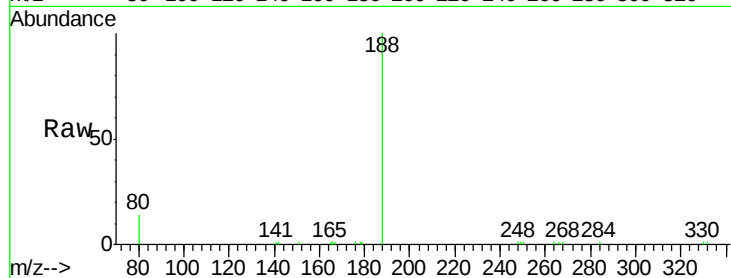
Tgt Ion:188 Resp: 9905

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

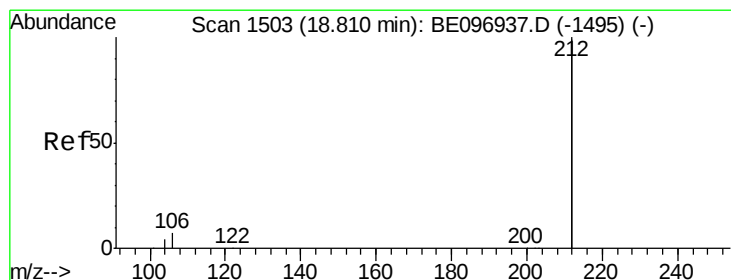
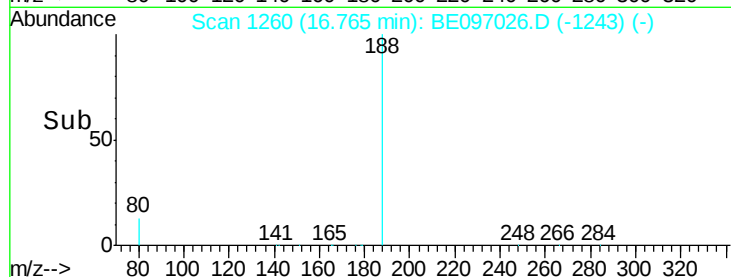
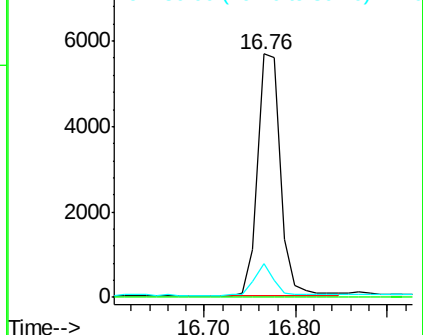
80 14.1 3.6 5.4#



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: 0.113 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

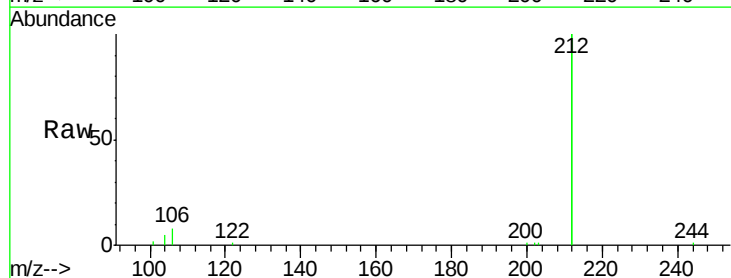
Tgt Ion:212 Resp: 9775

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

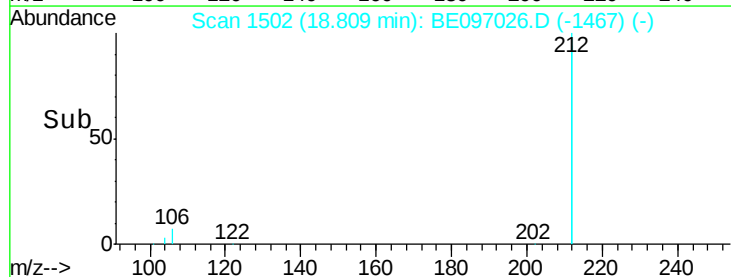
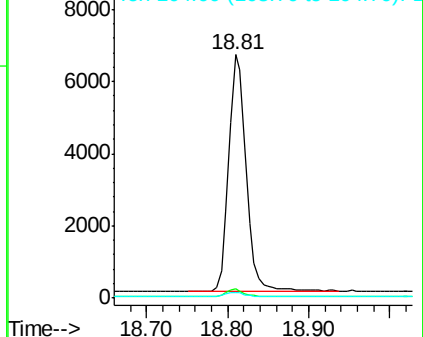
104 1.8 1.6 2.4

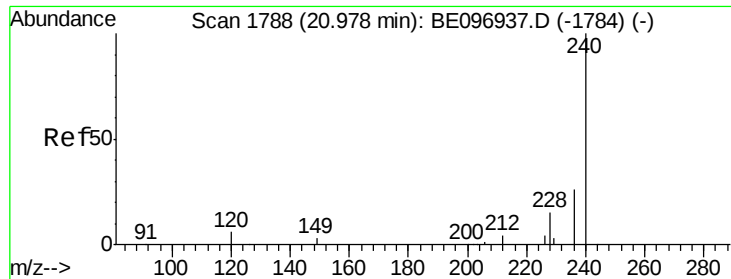


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1787

Delta R.T. 0.00 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

Instrument :

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ClientSampleId :

RE122D2-071218DL

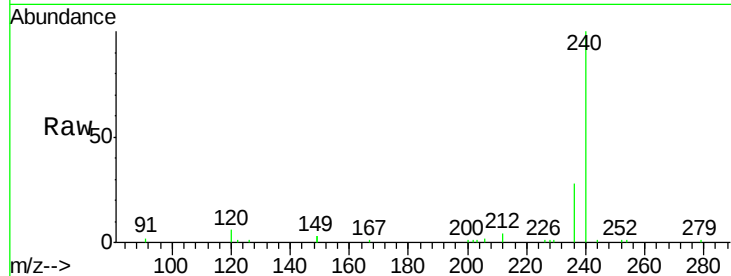
Tgt Ion:240 Resp: 8190

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

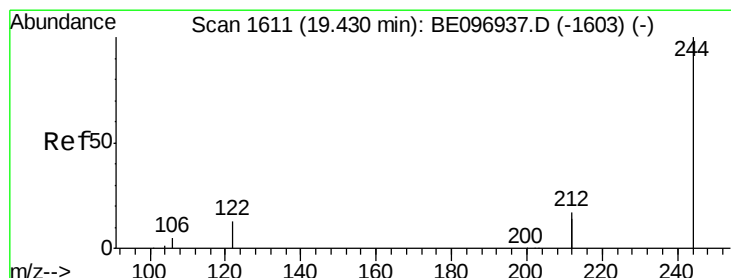
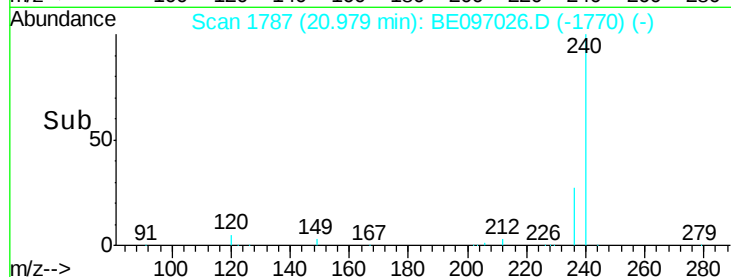
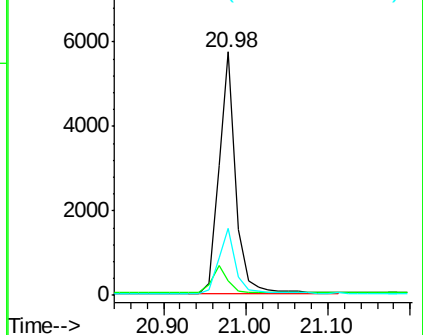
236 27.6 20.7 31.1



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: 0.260 ng

RT: 19.43 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

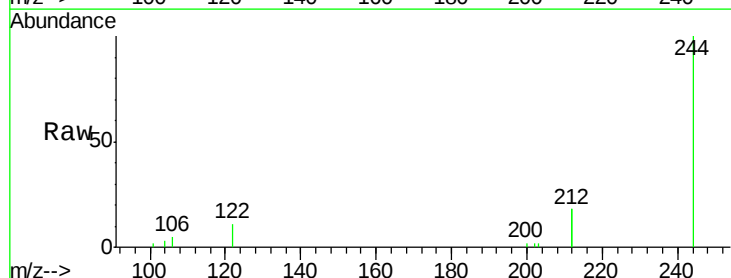
Tgt Ion:244 Resp: 4102

Ion Ratio Lower Upper

244 100

212 35.8 25.4 38.0

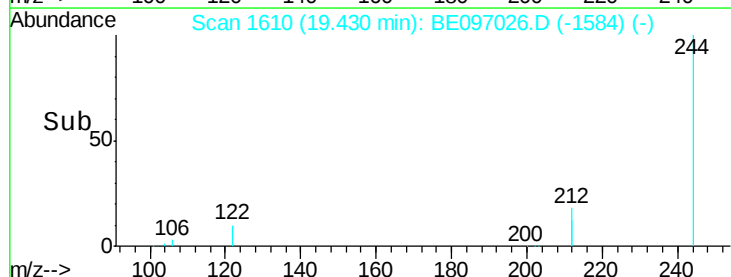
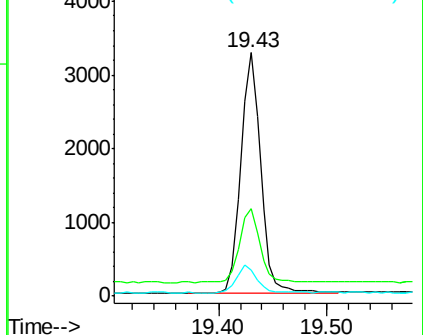
122 10.9 8.1 12.1

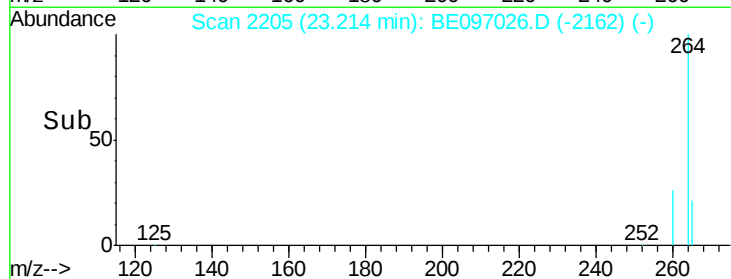
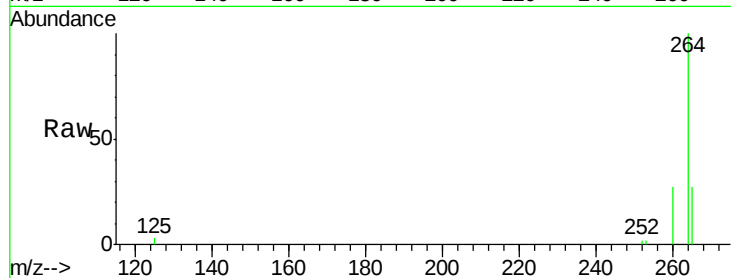
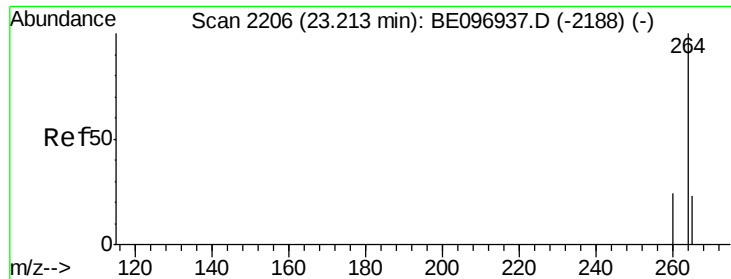


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BE097026.D

Acq: 20 Jul 2018 12:10

Instrument :

BNA_E

ClientSampleId :

RE122D2-071218DL

Tgt Ion: 264 Resp: 7046

Ion Ratio Lower Upper

264 100

260 26.8 20.5 30.7

265 26.7 22.8 34.2

