

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
 Data File : BE097027.D
 Acq On : 20 Jul 2018 13:46
 Operator : SJ/JU
 Sample : J4014-17DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-071318DL

Quant Time: Jul 20 14:27:03 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

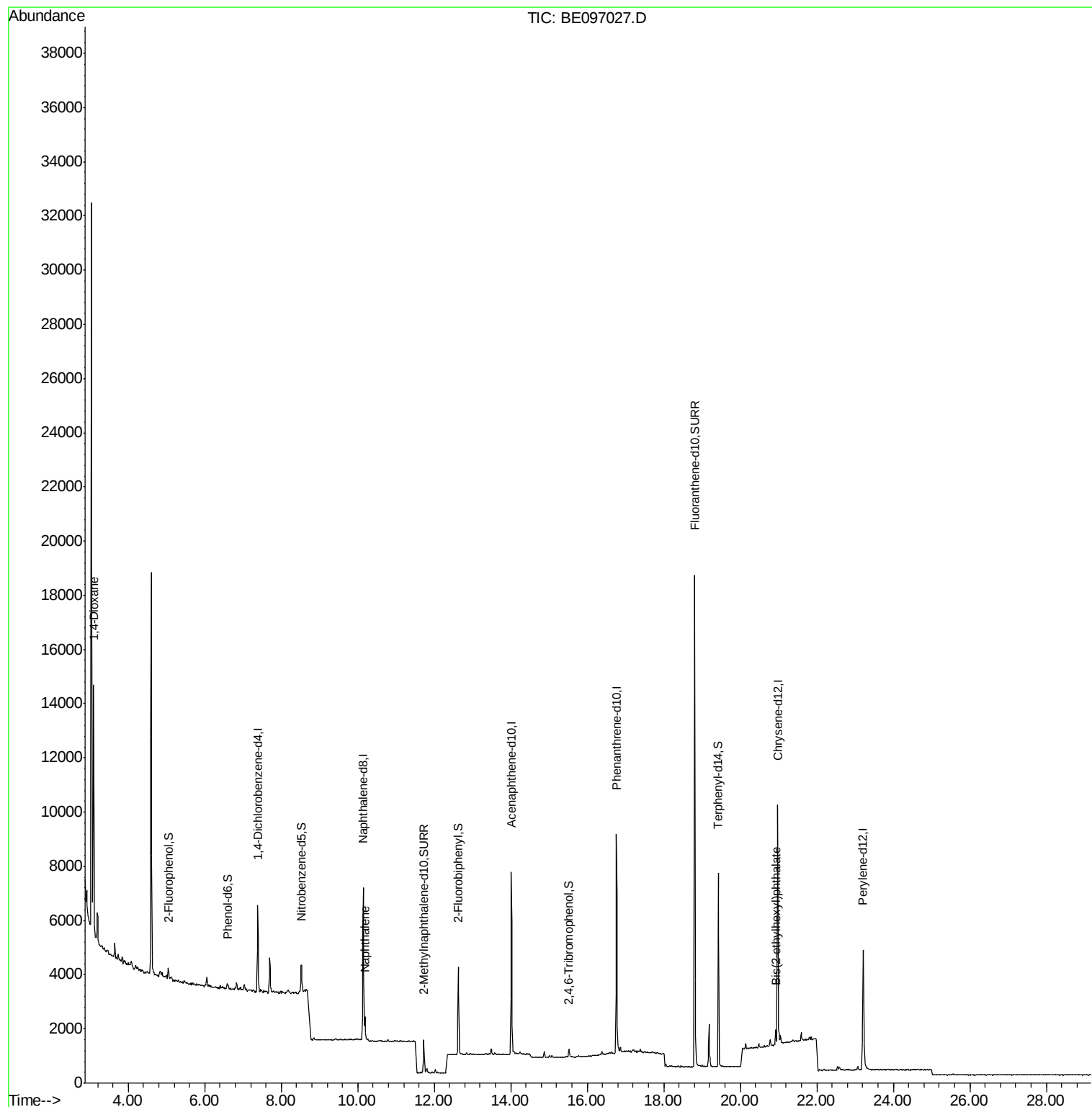
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1359	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6208	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	3771	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	10930	0.40	ng	0.00
27) Chrysene-d12	20.98	240	9395	0.40	ng	0.00
34) Perylene-d12	23.21	264	6727	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	226	0.07	ng	0.00
5) Phenol-d6	6.59	99	185	0.04	ng	0.00
8) Nitrobenzene-d5	8.53	82	1064	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	1795	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	187	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	2931	0.21	ng	0.00
25) Fluoranthene-d10	18.81	212	23803	0.25	ng	0.00
29) Terphenyl-d14	19.43	244	5966	0.33	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.09	88	5254	2.701	ng	Qvalue # 90
9) Naphthalene	10.20	128	1384	0.025	ng	# 89
32) Bis(2-ethylhexyl)phthalate	20.93	149	1025	0.046	ng	# 98

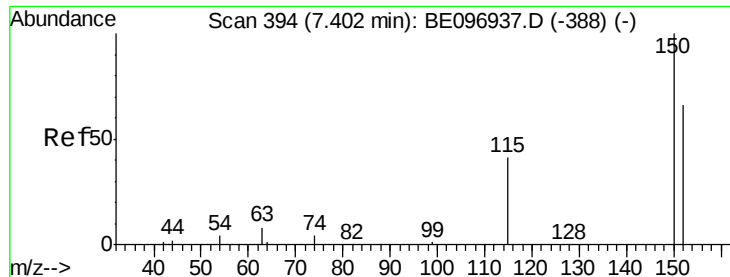
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 20 14:27:03 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

Instrument :

BNA_E

ClientSampleId :

RE105D1-071318DL

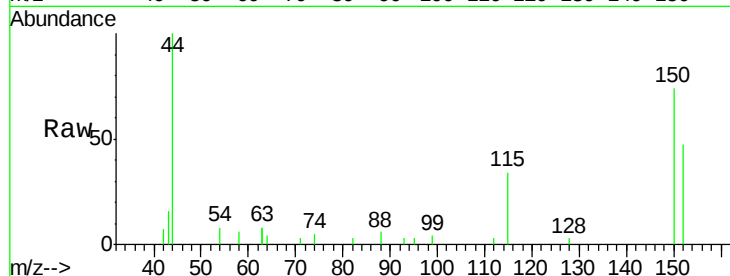
Tgt Ion:152 Resp: 1359

Ion Ratio Lower Upper

152 100

150 156.1 117.2 175.8

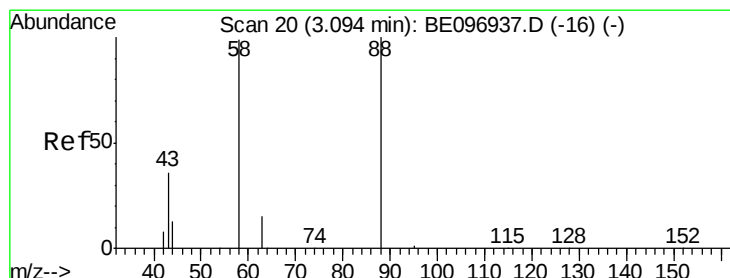
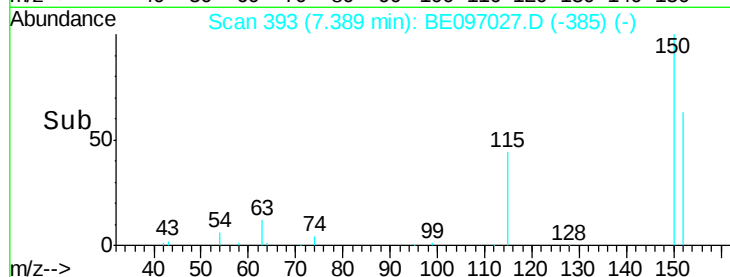
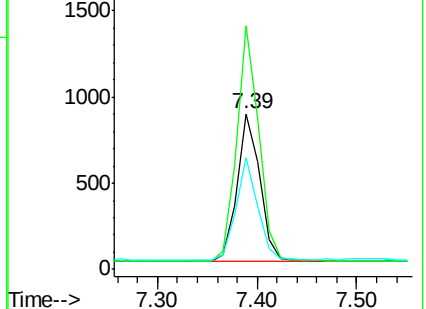
115 71.9 57.0 85.6



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: 2.701 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

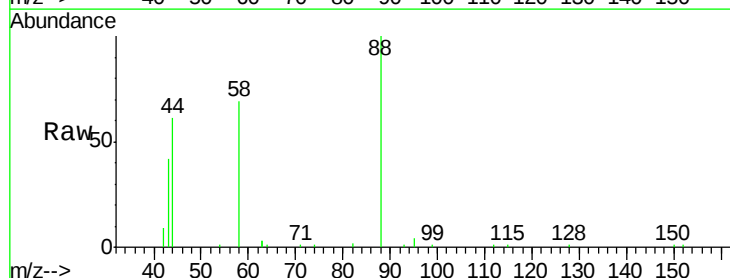
Tgt Ion: 88 Resp: 5254

Ion Ratio Lower Upper

88 100

58 81.9 63.2 94.8

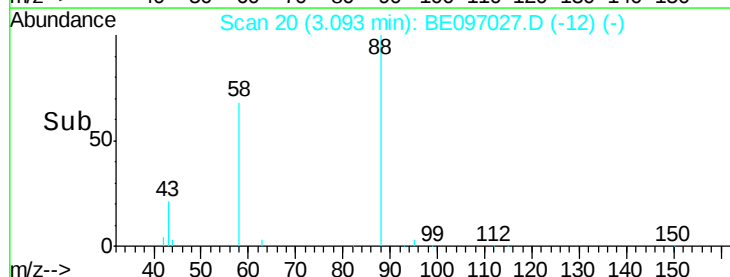
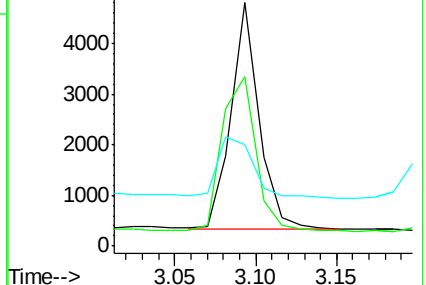
43 36.6 41.2 61.8#

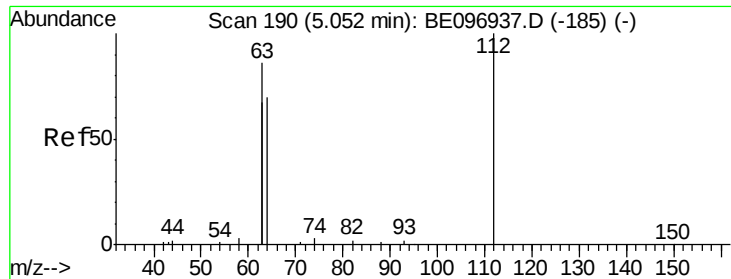


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.070 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

Instrument :

BNA_E

ClientSampleId :

RE105D1-071318DL

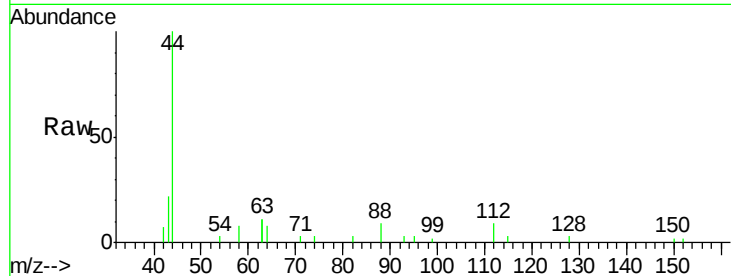
Tgt Ion: 112 Resp: 226

Ion Ratio Lower Upper

112 100

64 77.4 60.1 90.1

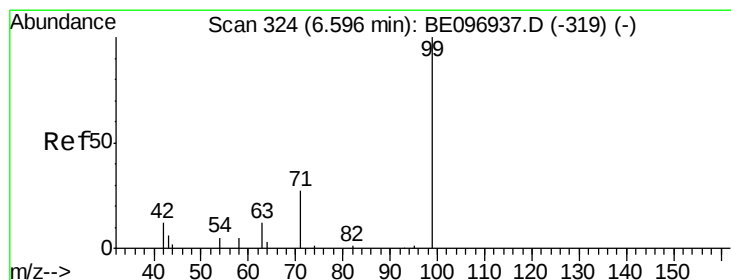
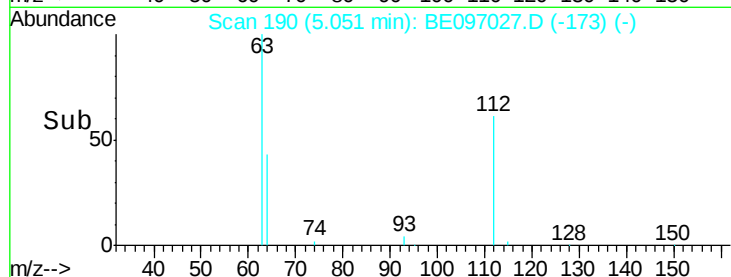
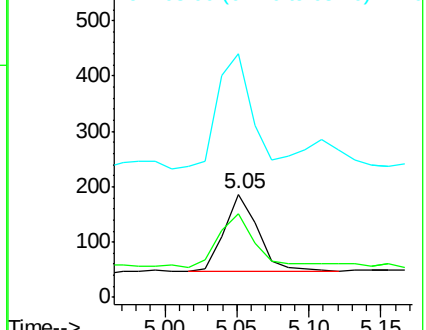
63 165.0 116.8 175.2



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: 0.037 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

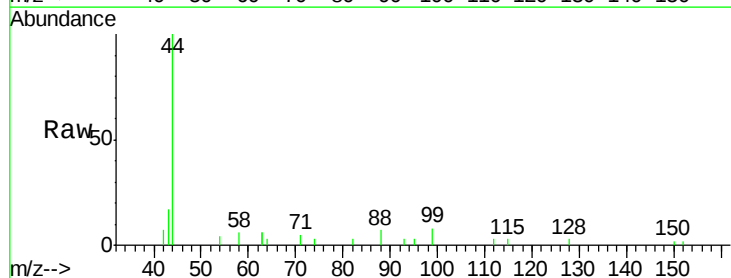
Tgt Ion: 99 Resp: 185

Ion Ratio Lower Upper

99 100

42 35.7 20.2 30.2#

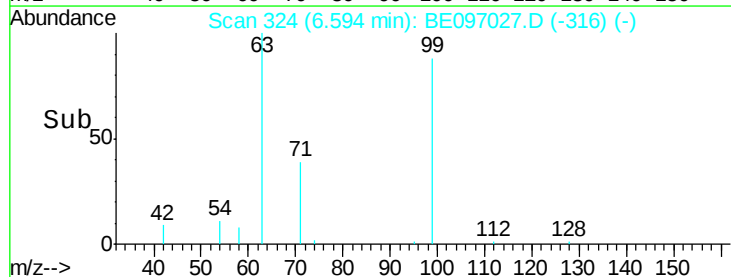
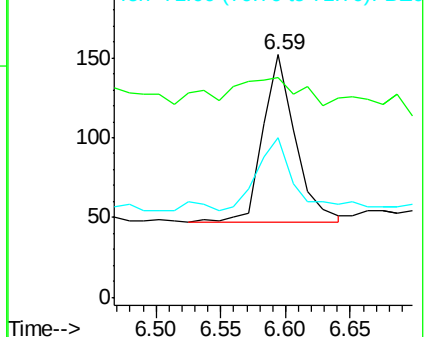
71 48.6 28.4 42.6#

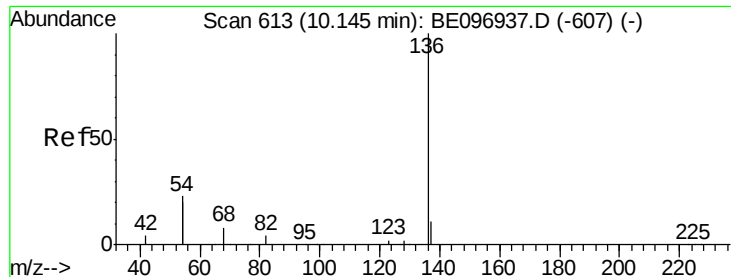


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE097027.D

Acq: 20 Jul 2018 13:46

Instrument :

BNA_E

ClientSampleId :

RE105D1-071318DL

Tgt Ion: 136 Resp: 6208

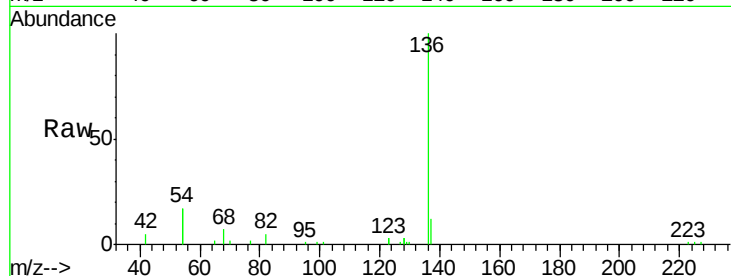
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 33.7 29.1 43.7

68 7.2 6.2 9.2

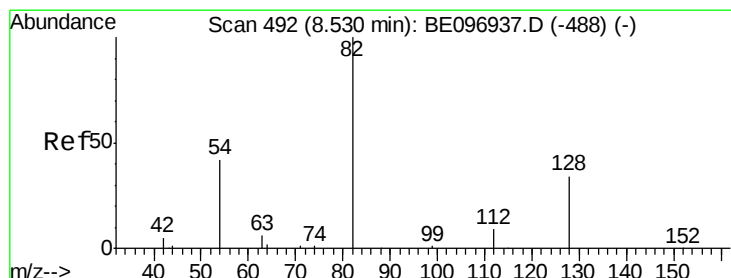
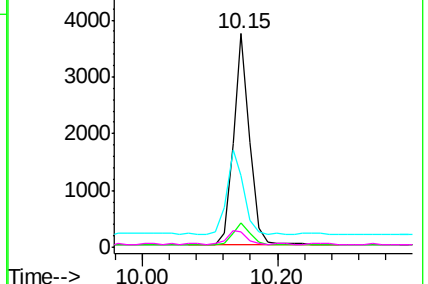
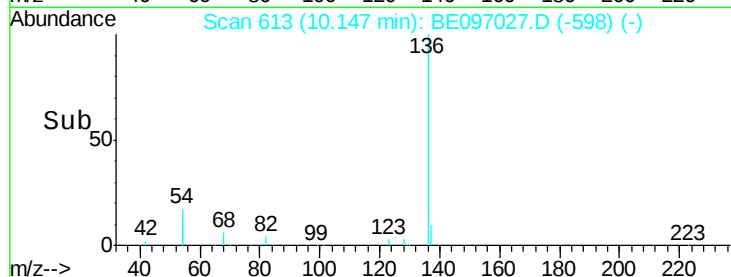


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.235 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

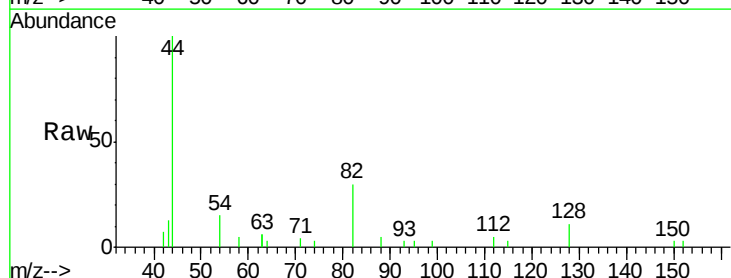
Tgt Ion: 82 Resp: 1064

Ion Ratio Lower Upper

82 100

128 37.0 24.0 36.0#

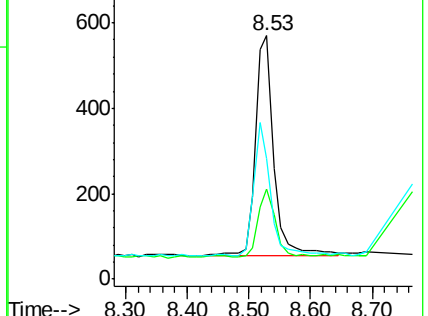
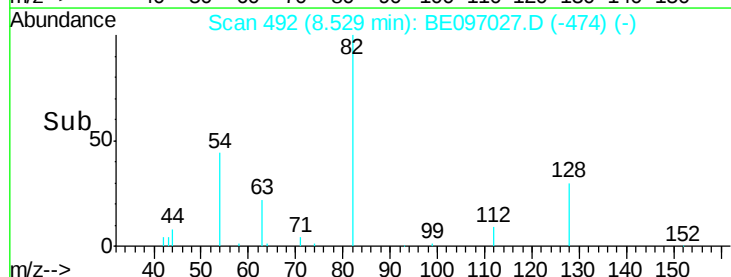
54 49.6 40.0 60.0

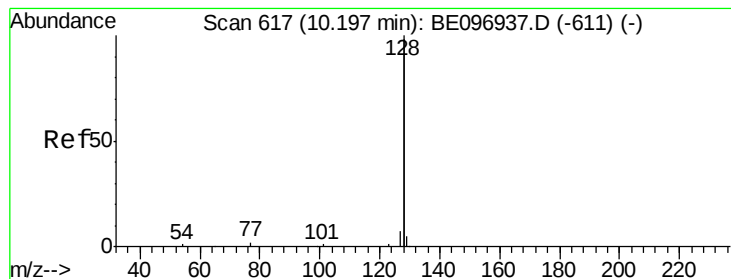


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.025 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

Instrument :

BNA_E

ClientSampleId :

RE105D1-071318DL

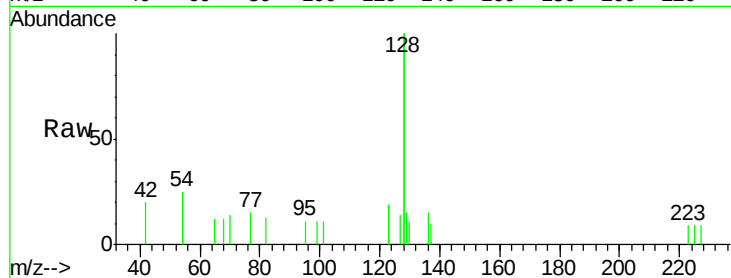
Tgt Ion:128 Resp: 1384

Ion Ratio Lower Upper

128 100

129 7.4 2.6 3.8#

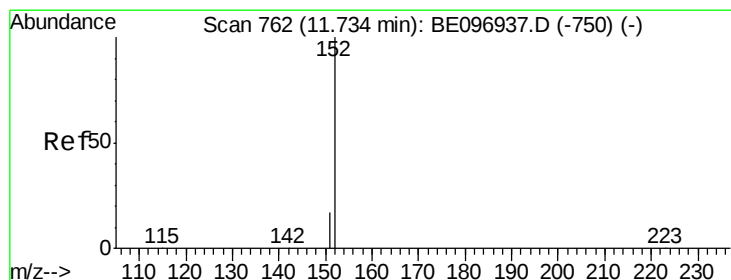
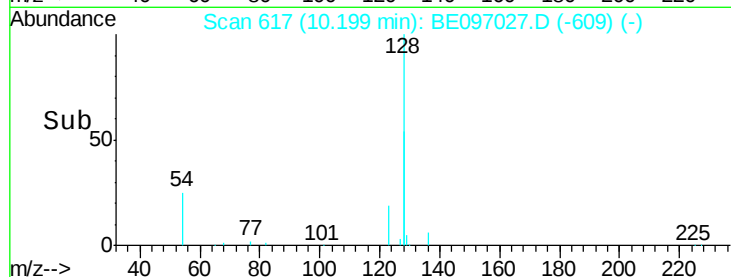
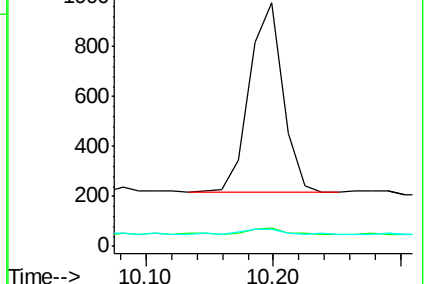
127 6.9 2.8 4.2#



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



#11

2-Methylnaphthalene-d10

Concen: 0.198 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097027.D

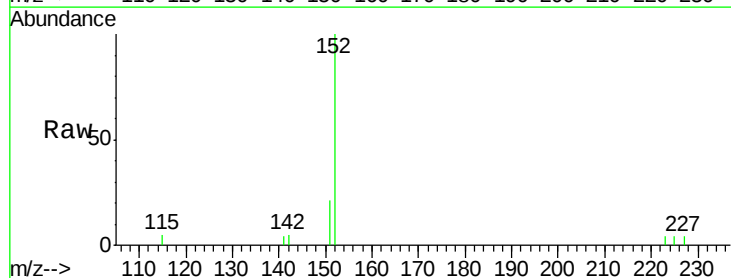
Acq: 20 Jul 2018 13:46

Tgt Ion:152 Resp: 1795

Ion Ratio Lower Upper

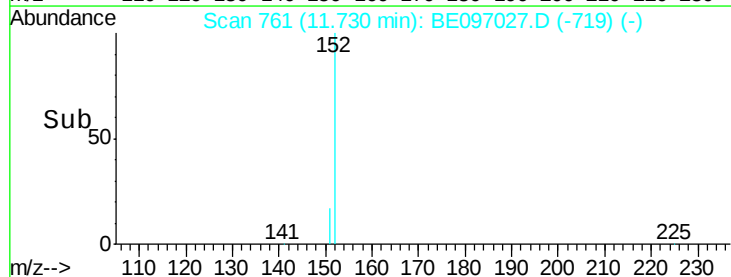
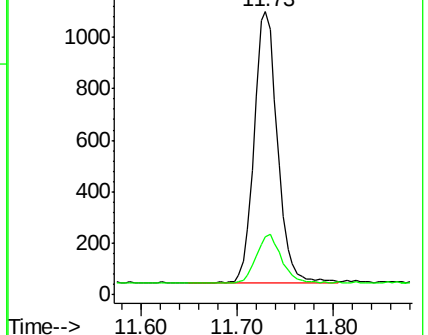
152 100

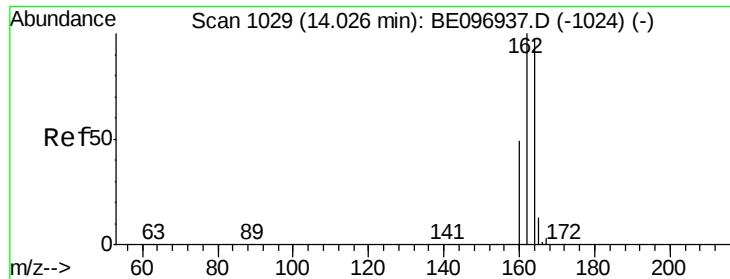
151 19.0 15.4 23.0



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. -0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

Instrument :

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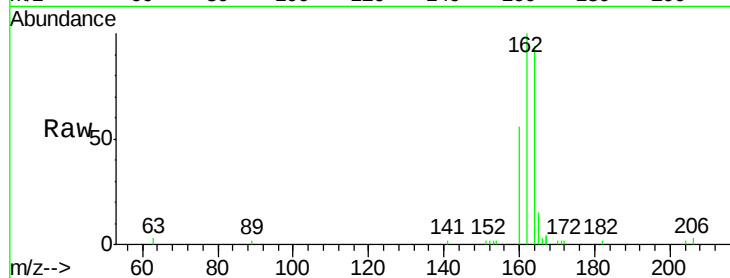
Tgt Ion:164 Resp: 3771

Ion Ratio Lower Upper

164 100

162 106.7 83.1 124.7

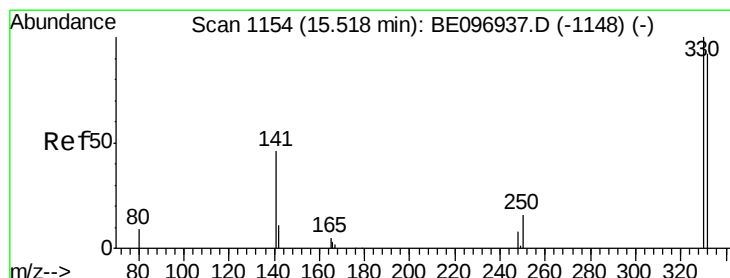
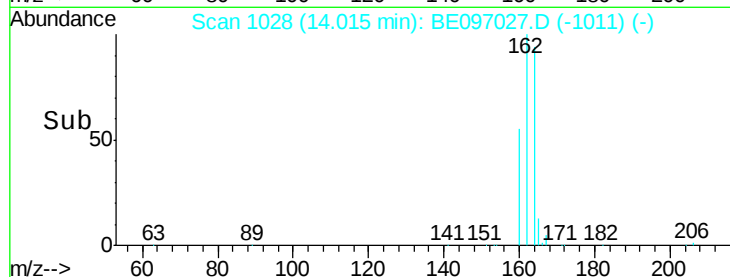
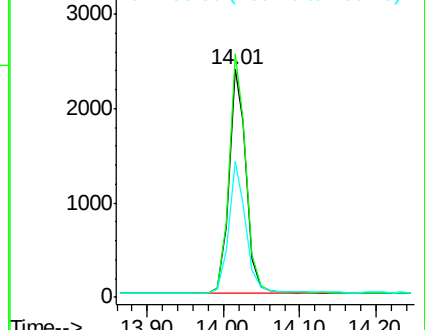
160 59.6 37.1 55.7#



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: 0.255 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

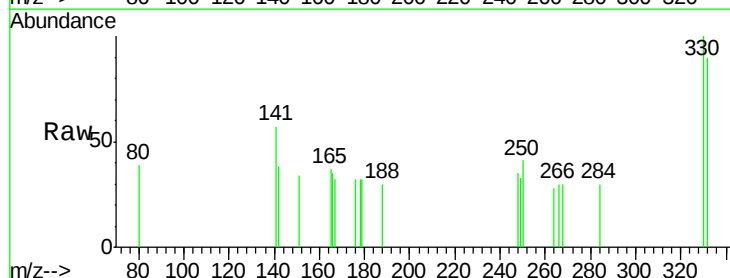
Tgt Ion:330 Resp: 187

Ion Ratio Lower Upper

330 100

332 92.5 152.7 229.1#

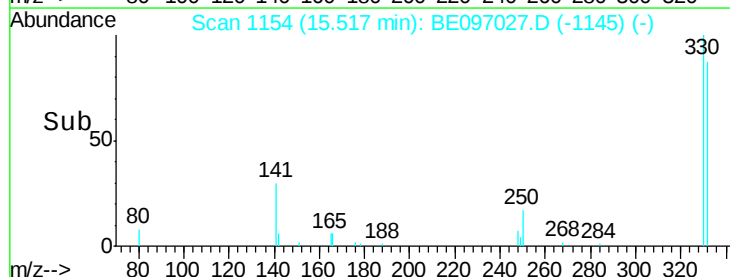
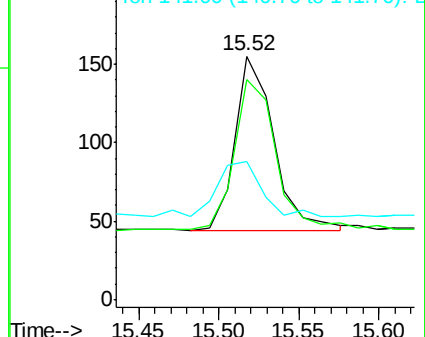
141 36.9 33.7 50.5

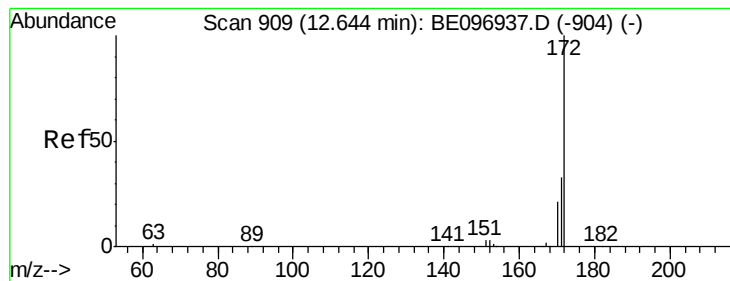


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.209 ng

RT: 12.63 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

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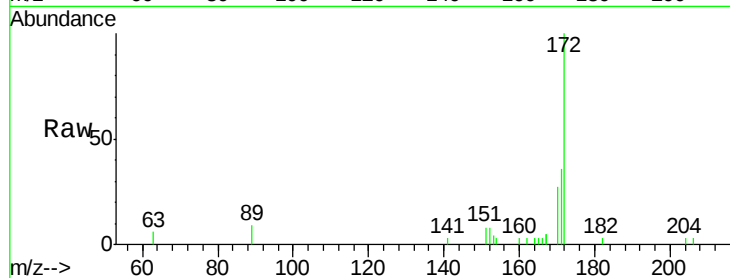
Tgt Ion:172 Resp: 2931

Ion Ratio Lower Upper

172 100

171 36.4 29.9 44.9

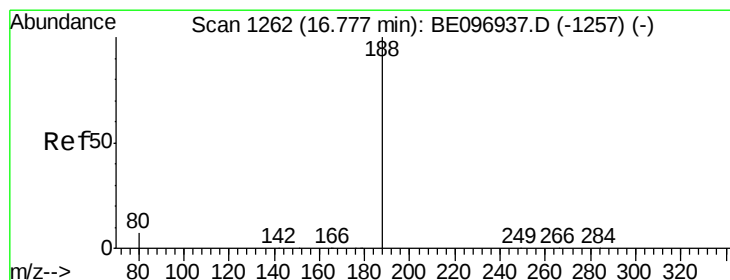
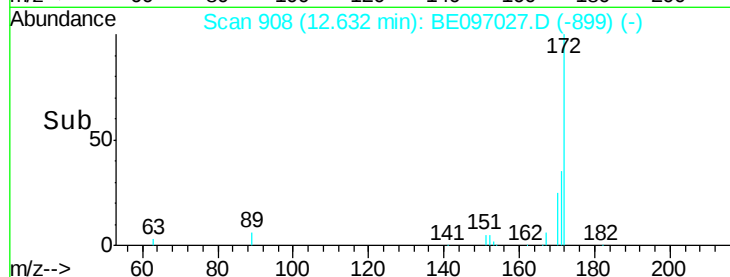
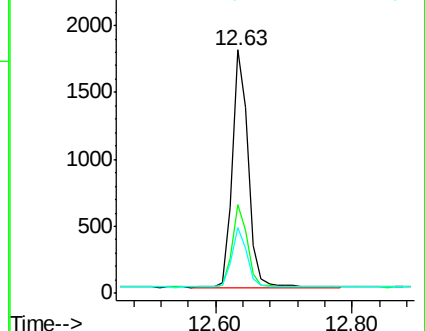
170 27.1 21.8 32.8



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: 16.76 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

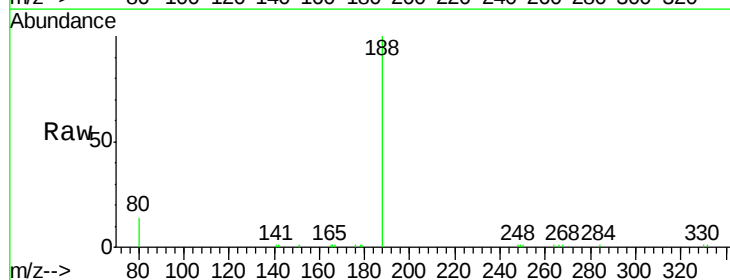
Tgt Ion:188 Resp: 10930

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

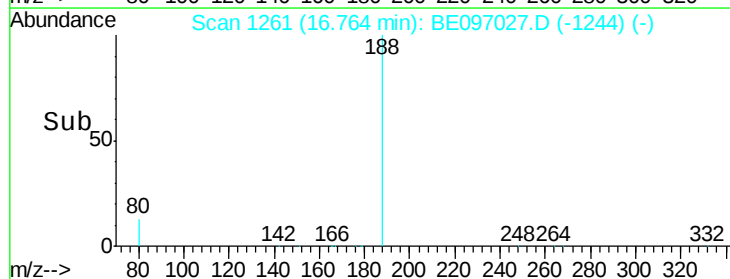
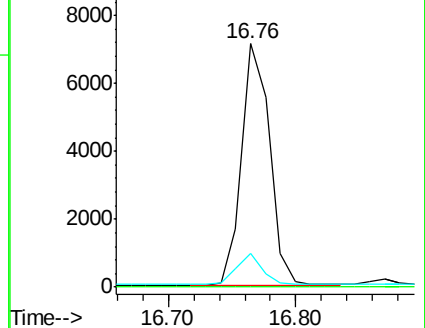
80 13.7 3.6 5.4#

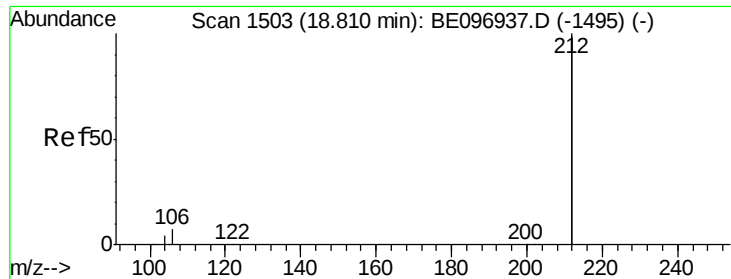


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.250 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

Instrument :

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ClientSampleId :

RE105D1-071318DL

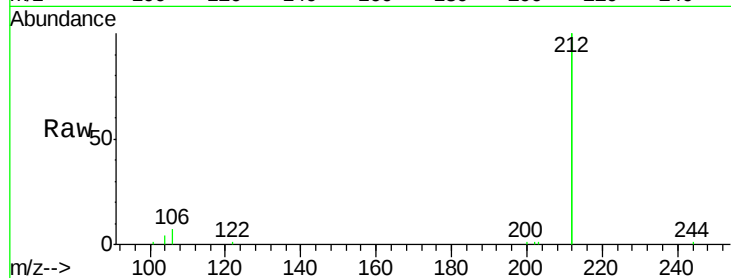
Tgt Ion:212 Resp: 23803

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

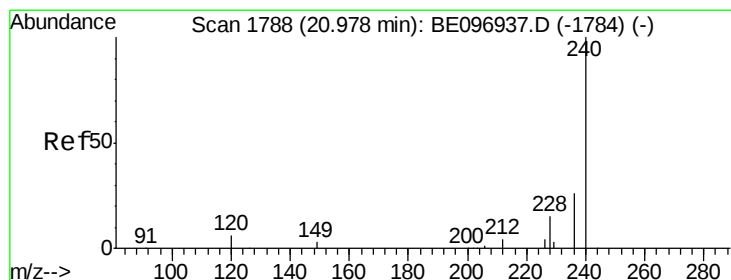
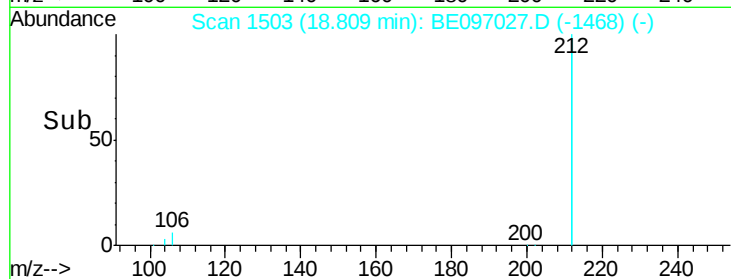
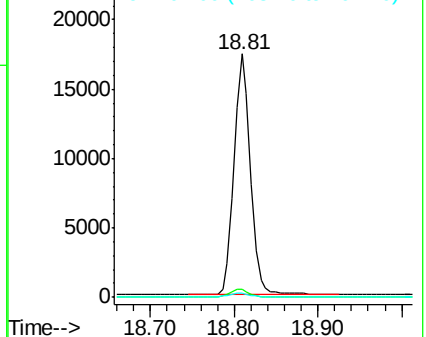
104 1.7 1.6 2.4



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

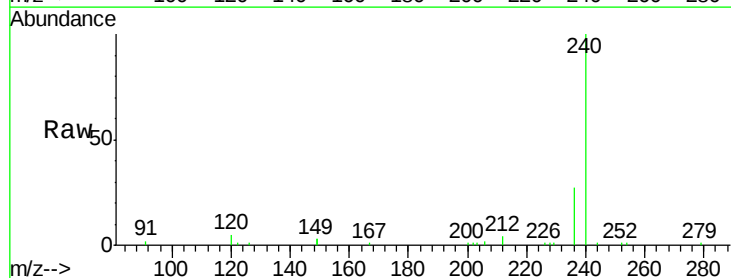
Tgt Ion:240 Resp: 9395

Ion Ratio Lower Upper

240 100

120 5.0 5.5 8.3#

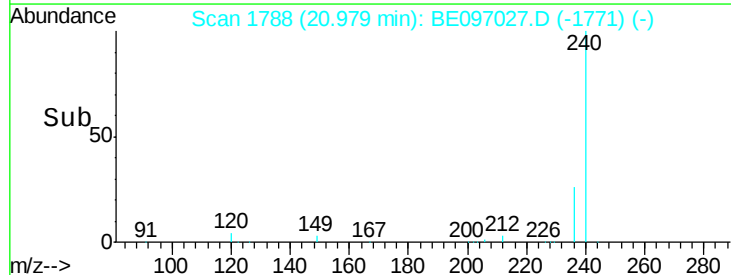
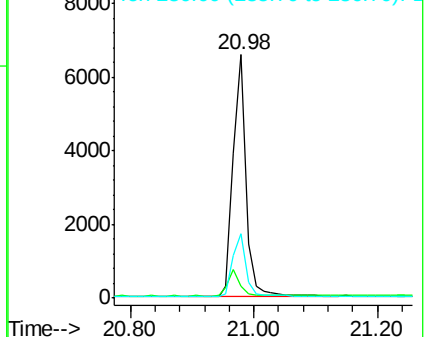
236 26.5 20.7 31.1

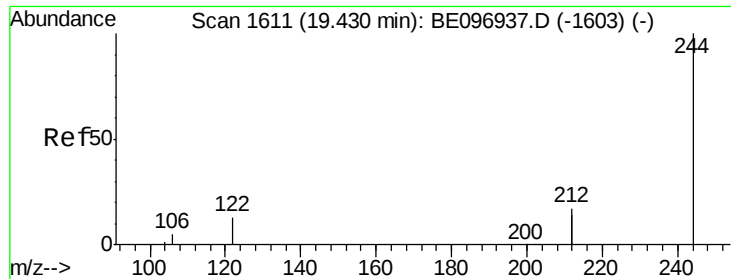


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.329 ng

RT: 19.43 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

Instrument :

BNA_E

ClientSampleId :

RE105D1-071318DL

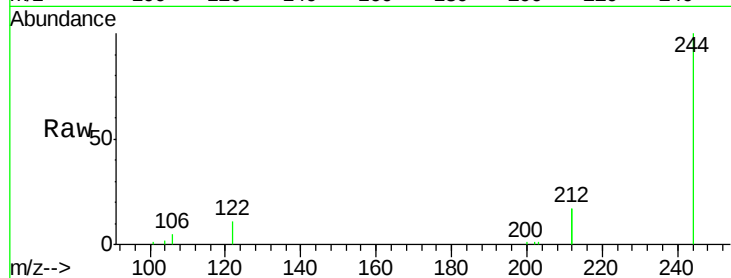
Tgt Ion:244 Resp: 5966

Ion Ratio Lower Upper

244 100

212 34.3 25.4 38.0

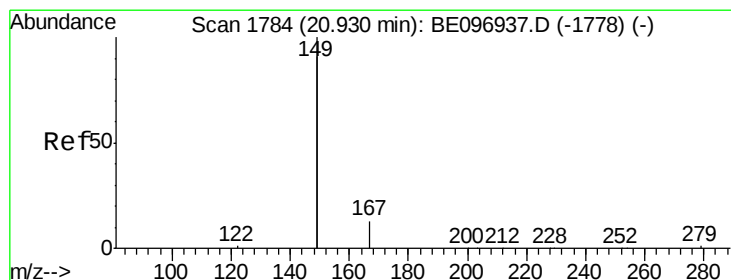
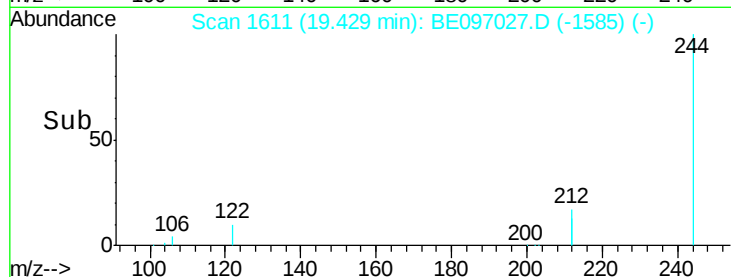
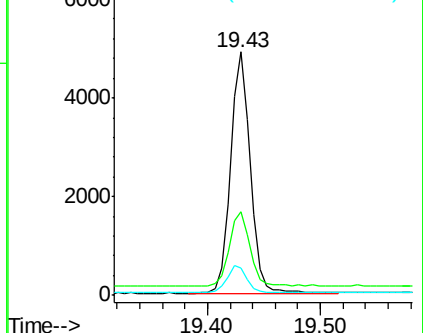
122 11.4 8.1 12.1



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# 1784

Delta R.T. 0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

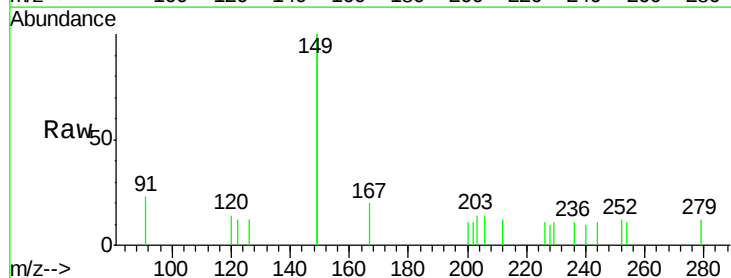
Tgt Ion:149 Resp: 1025

Ion Ratio Lower Upper

149 100

167 5.9 5.4 8.0

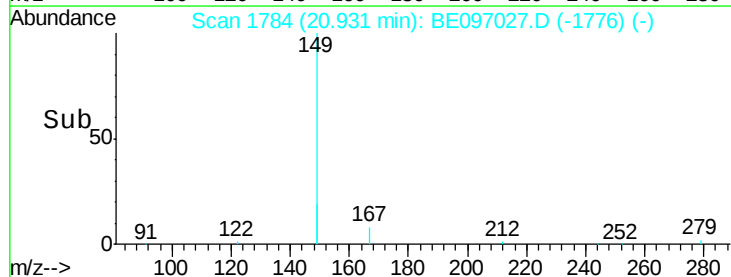
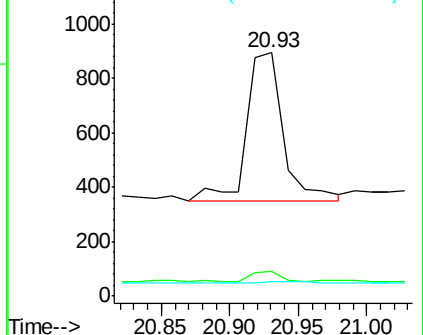
279 1.5 0.7 1.1#

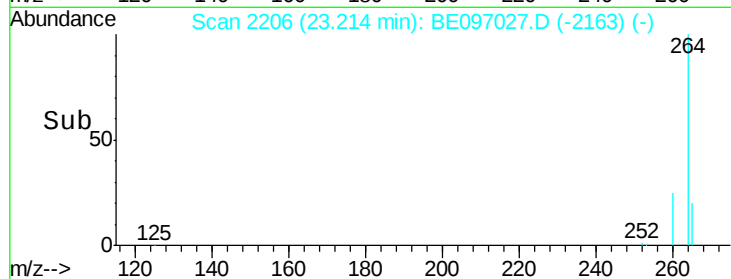
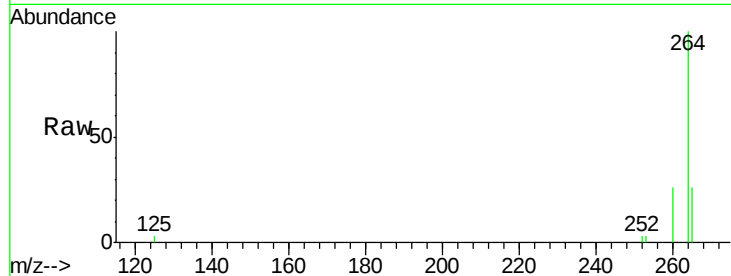
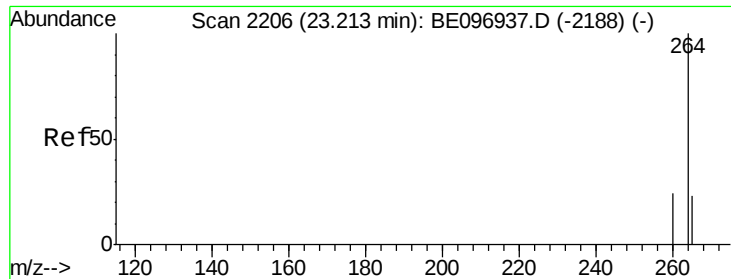


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2206

Delta R.T. 0.00 min

Lab File: BE097027.D

Acq: 20 Jul 2018 13:46

Instrument :

BNA_E

ClientSampleId :

RE105D1-071318DL

Tgt Ion: 264 Resp: 6727

Ion Ratio Lower Upper

264 100

260 26.0 20.5 30.7

265 25.5 22.8 34.2

