

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072018\
 Data File : BE097020.D
 Acq On : 20 Jul 2018 8:27
 Operator : SJ/JU
 Sample : J4014-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-071318

Quant Time: Jul 20 11:38:07 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

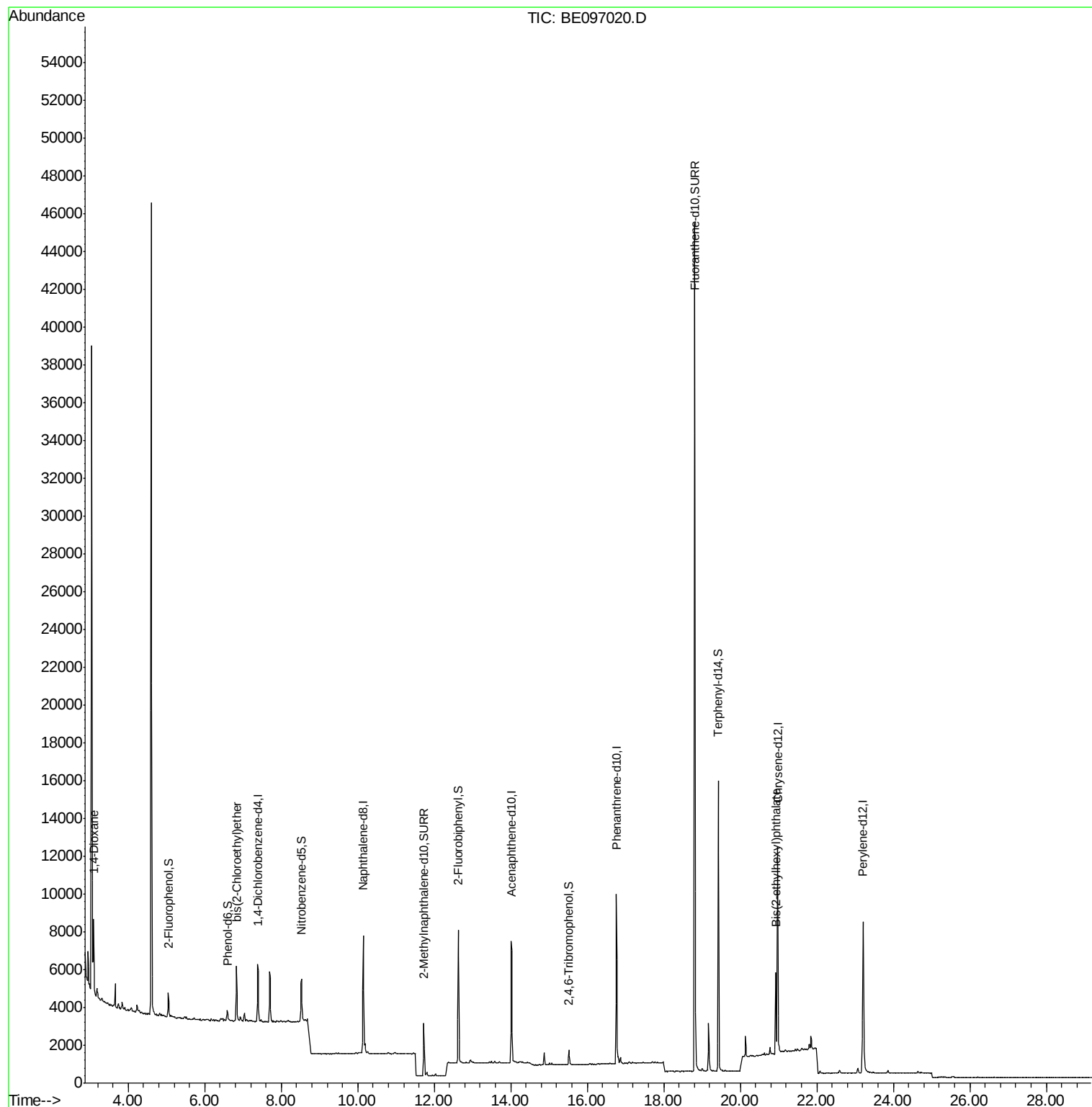
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1455	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6631	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4026	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	11846	0.40	ng	0.00
27) Chrysene-d12	20.98	240	12282	0.40	ng	0.00
34) Perylene-d12	23.21	264	11267	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	609	0.17	ng	0.00
5) Phenol-d6	6.59	99	489	0.09	ng	0.00
8) Nitrobenzene-d5	8.53	82	2252	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3909	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	473	0.51	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	6439	0.43	ng	0.00
25) Fluoranthene-d10	18.81	212	59238	0.57	ng	0.00
29) Terphenyl-d14	19.43	244	12633	0.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	1852	0.889	ng	# 74
6) bis(2-Chloroethyl)ether	6.84	93	960	0.184	ng	93
32) Bis(2-ethylhexyl)phthalate	20.93	149	6192	0.212	ng	99

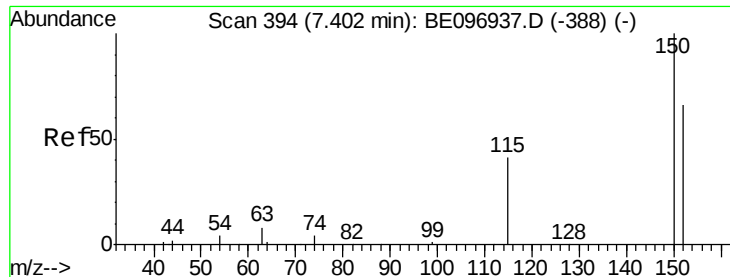
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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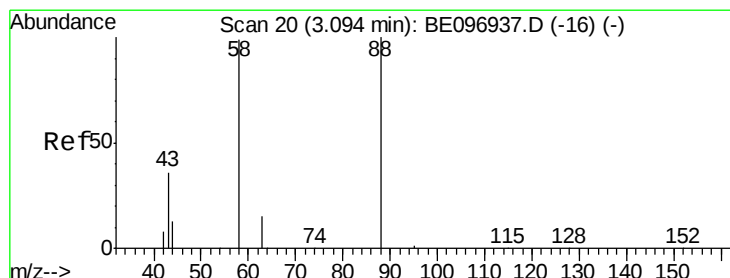
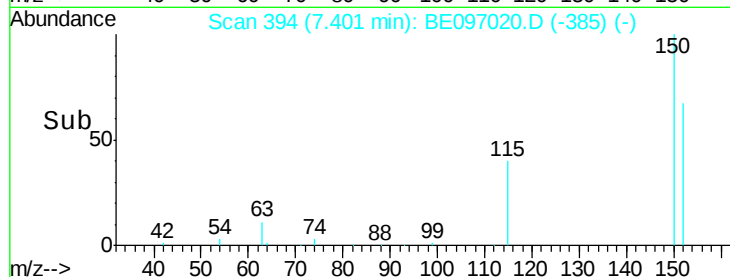
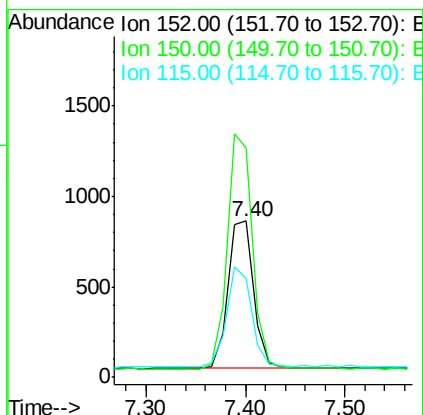
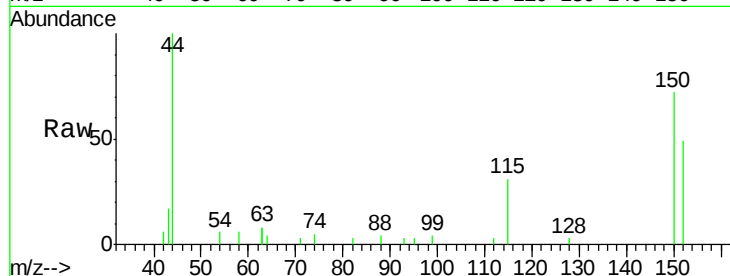


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.01 min
Lab File: BE097020.D
Acq: 20 Jul 2018 8:27

Instrument :
BNA_E
ClientSampleId :
RE104D2-071318

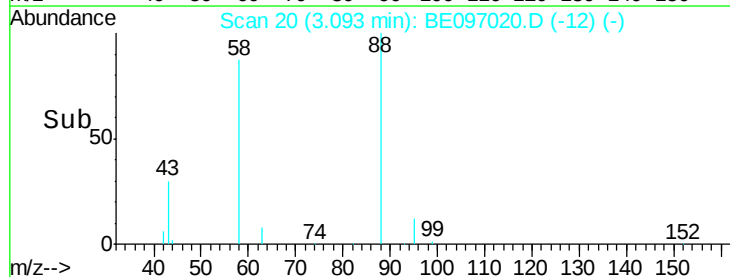
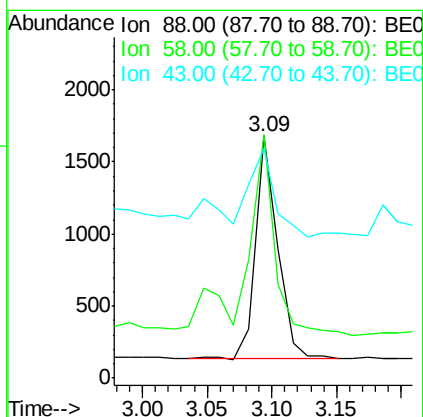
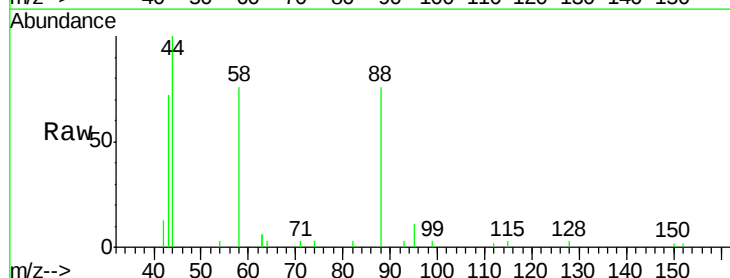
Tgt Ion: 152 Resp: 1455
Ion Ratio Lower Upper
152 100
150 147.0 117.2 175.8
115 63.6 57.0 85.6

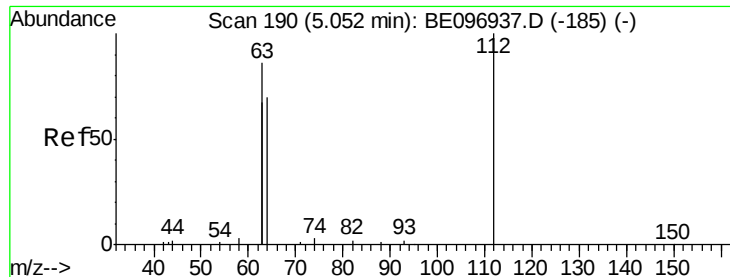


#2

1,4-Dioxane
Concen: 0.889 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE097020.D
Acq: 20 Jul 2018 8:27

Tgt Ion: 88 Resp: 1852
Ion Ratio Lower Upper
88 100
58 107.3 63.2 94.8#
43 40.9 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.175 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

Instrument :

BNA_E

ClientSampleId :

RE104D2-071318

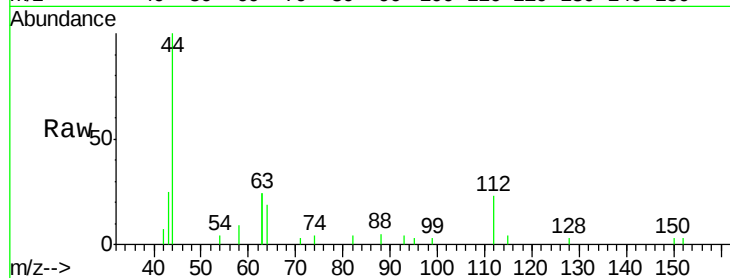
Tgt Ion: 112 Resp: 609

Ion Ratio Lower Upper

112 100

64 72.6 60.1 90.1

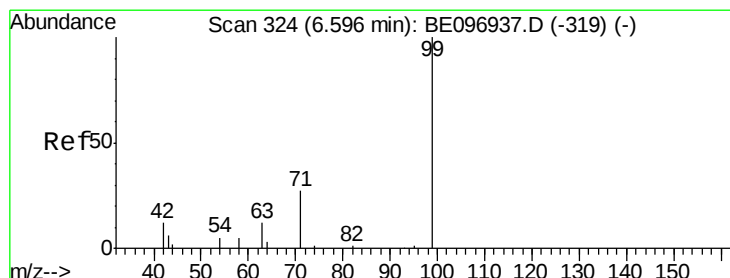
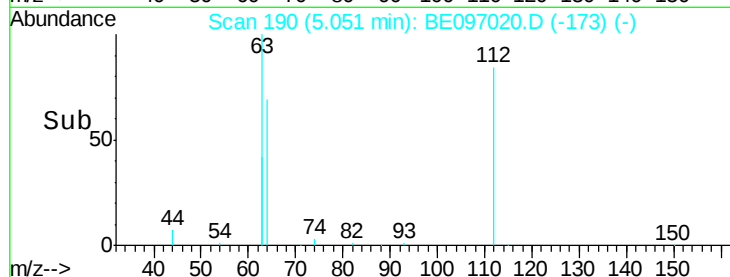
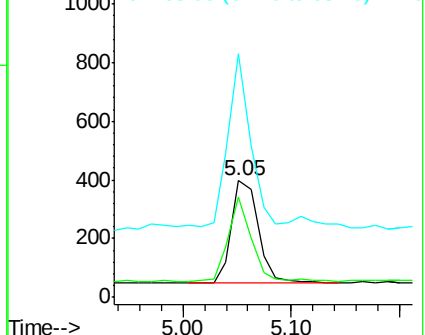
63 145.6 116.8 175.2



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: 0.092 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

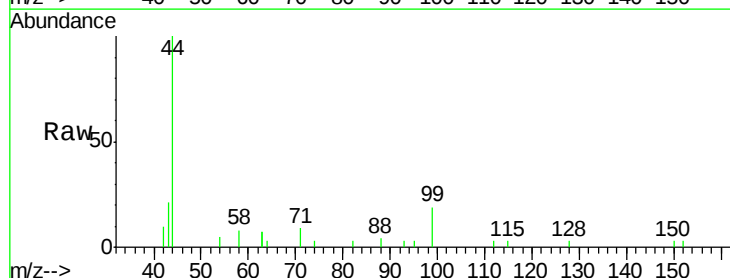
Tgt Ion: 99 Resp: 489

Ion Ratio Lower Upper

99 100

42 30.9 20.2 30.2#

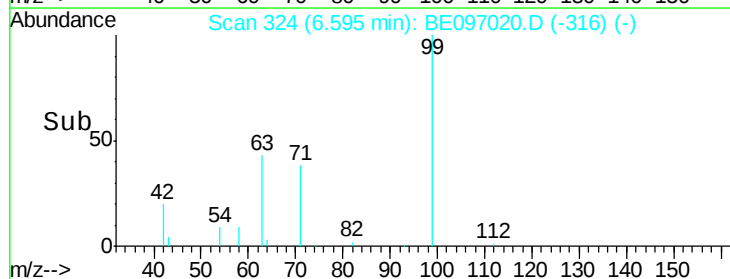
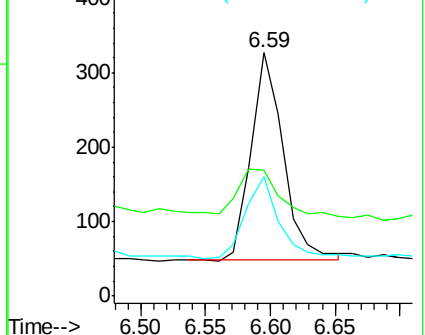
71 42.5 28.4 42.6

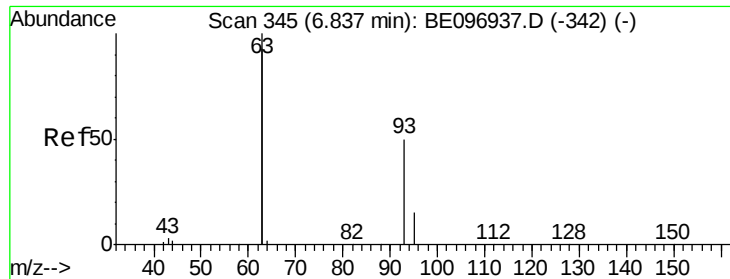


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.184 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

Instrument :

BNA_E

ClientSampleId :

RE104D2-071318

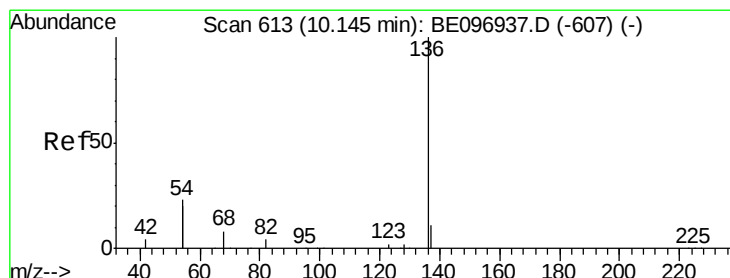
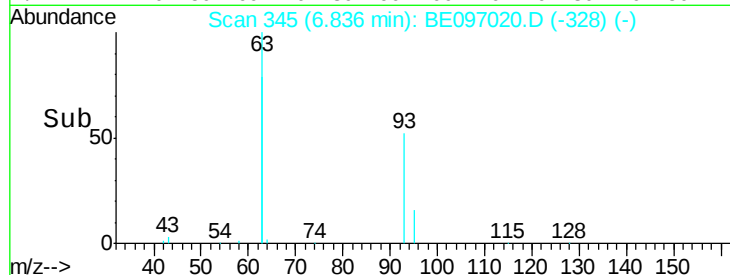
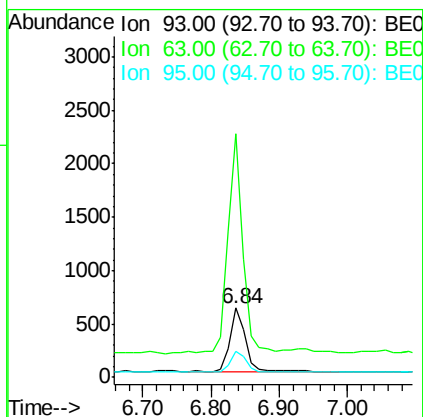
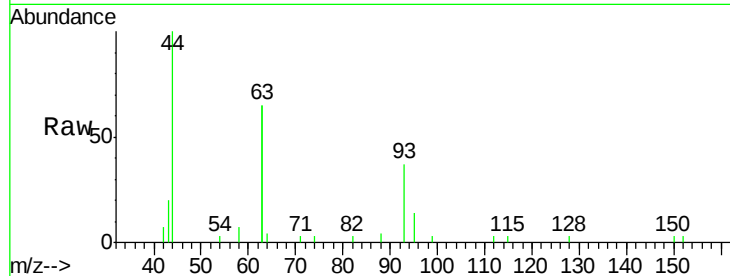
Tgt Ion: 93 Resp: 960

Ion Ratio Lower Upper

93 100

63 328.5 275.3 412.9

95 32.0 25.2 37.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

Tgt Ion: 136 Resp: 6631

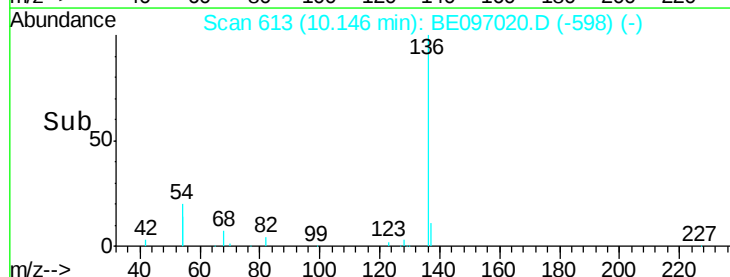
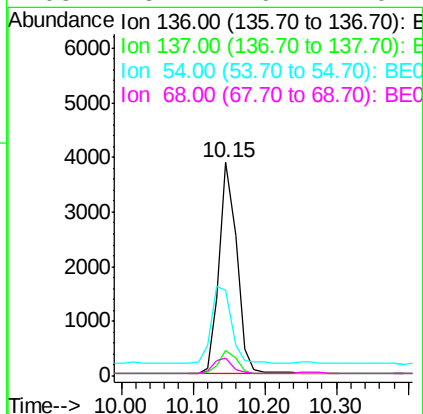
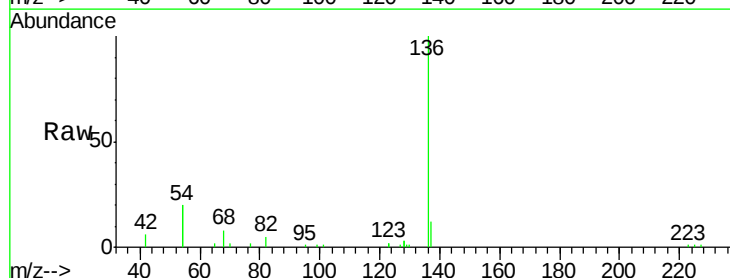
Ion Ratio Lower Upper

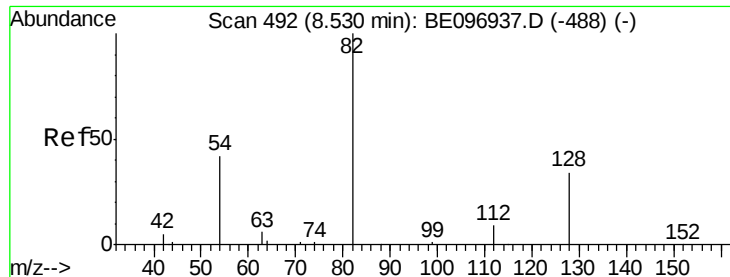
136 100

137 11.8 9.5 14.3

54 40.3 29.1 43.7

68 8.2 6.2 9.2





#8

Nitrobenzene-d5

Concen: 0.466 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

Instrument :

BNA_E

ClientSampleId :

RE104D2-071318

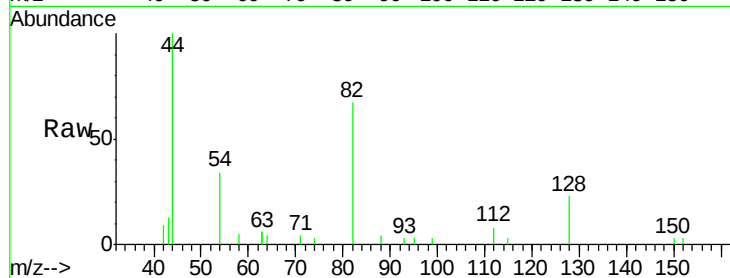
Tgt Ion: 82 Resp: 2252

Ion Ratio Lower Upper

82 100

128 34.8 24.0 36.0

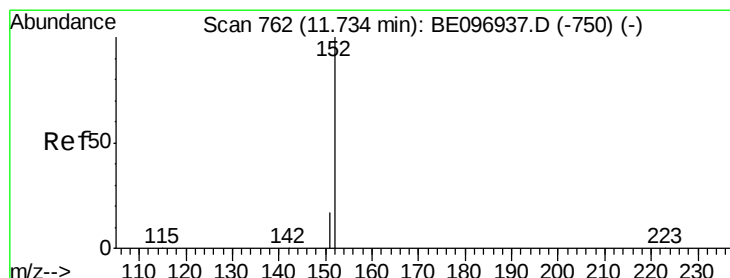
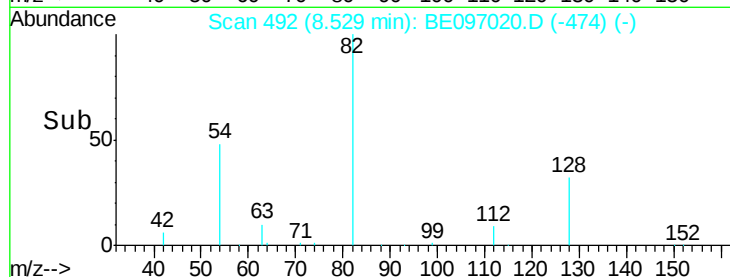
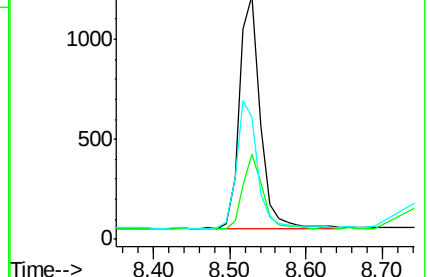
54 50.0 40.0 60.0



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: 0.404 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097020.D

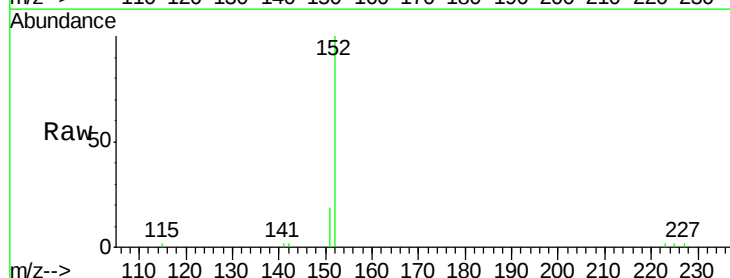
Acq: 20 Jul 2018 8:27

Tgt Ion: 152 Resp: 3909

Ion Ratio Lower Upper

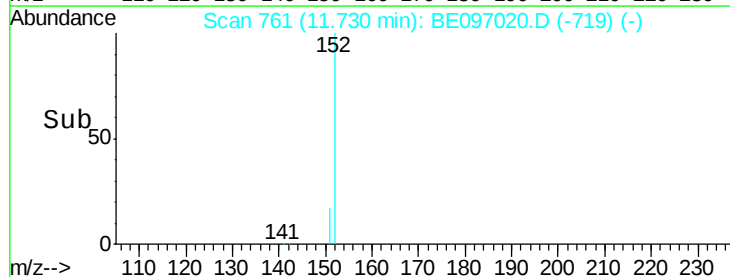
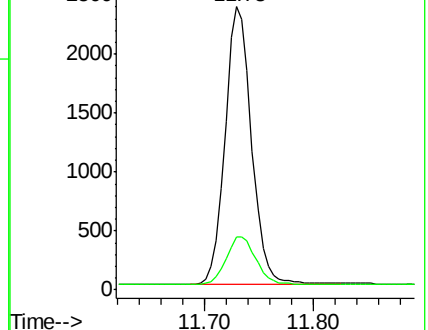
152 100

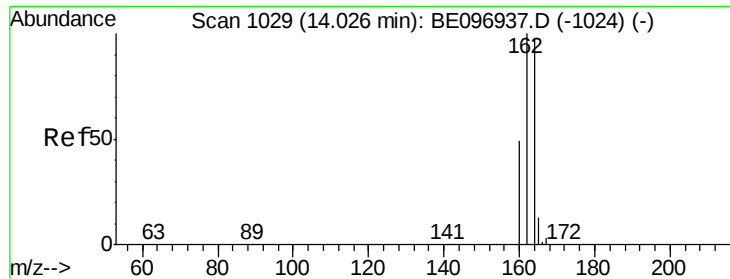
151 19.2 15.4 23.0



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# 1027

Delta R.T. -0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

Instrument :

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ClientSampleId :

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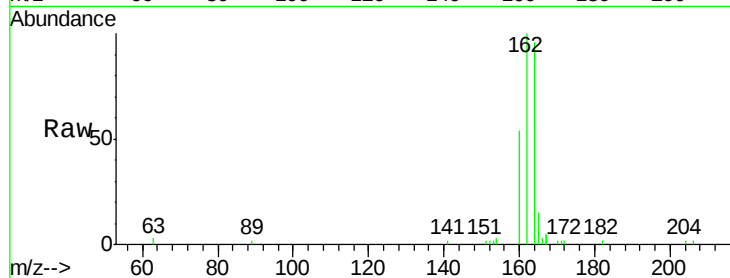
Tgt Ion:164 Resp: 4026

Ion Ratio Lower Upper

164 100

162 104.1 83.1 124.7

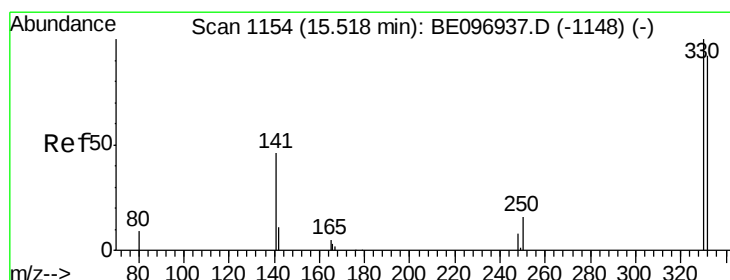
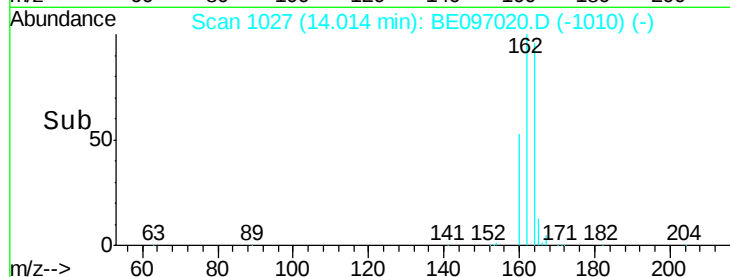
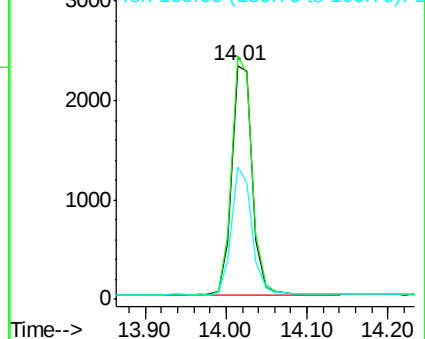
160 56.3 37.1 55.7#



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: 0.514 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

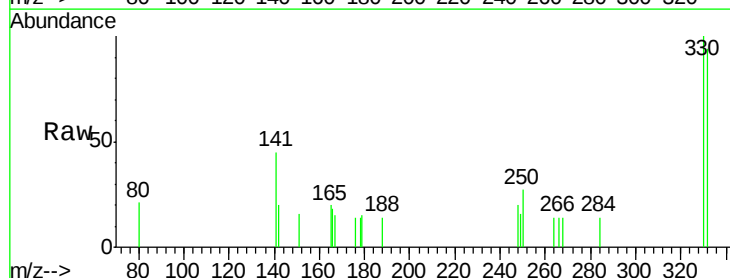
Tgt Ion:330 Resp: 473

Ion Ratio Lower Upper

330 100

332 97.7 152.7 229.1#

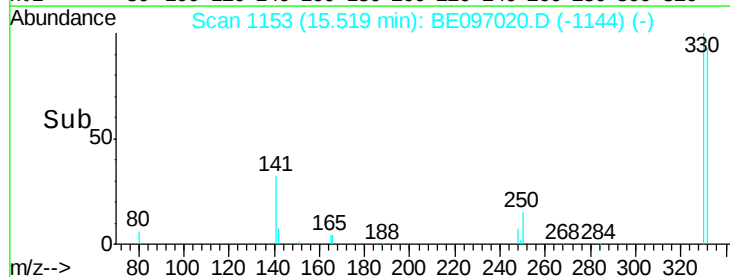
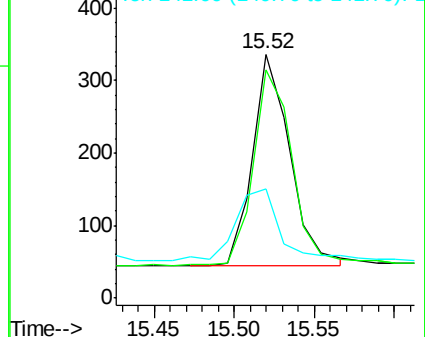
141 38.7 33.7 50.5

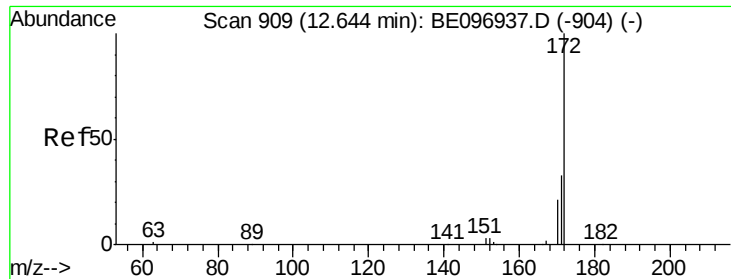


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

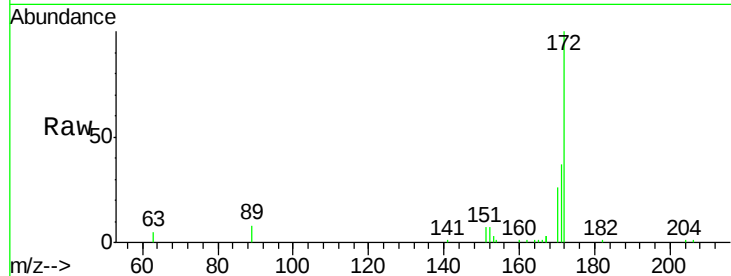




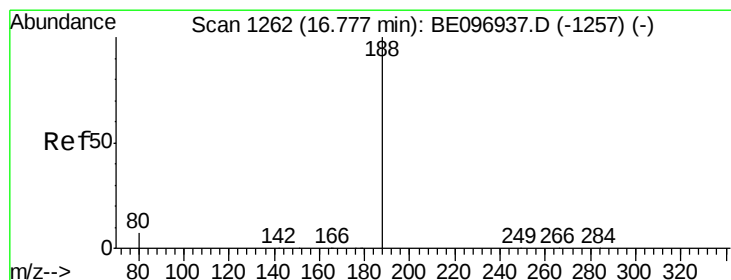
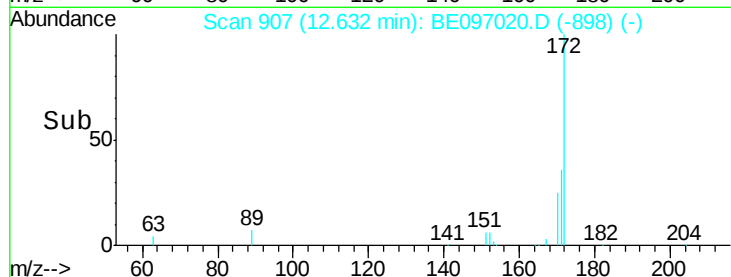
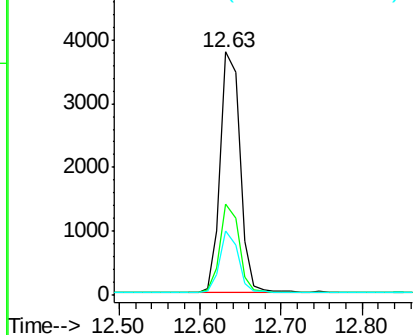
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097020.D
Acq: 20 Jul 2018 8:27

Instrument :
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Tgt Ion:172 Resp: 6439
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 26.4 21.8 32.8

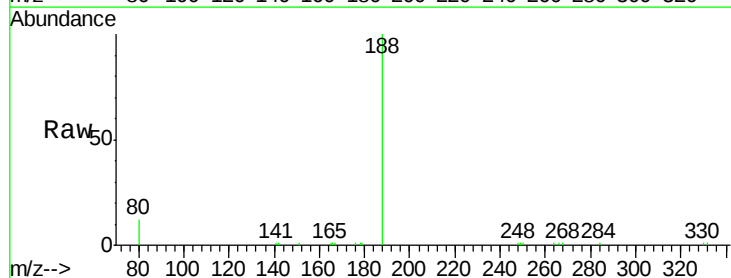


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

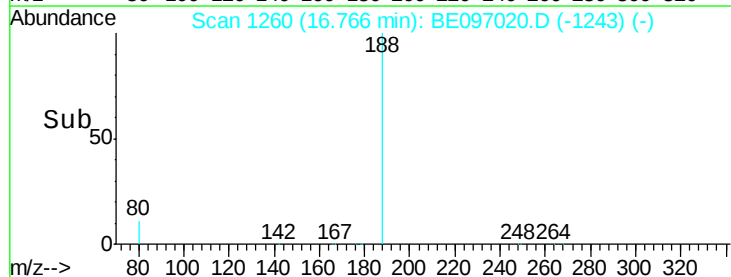
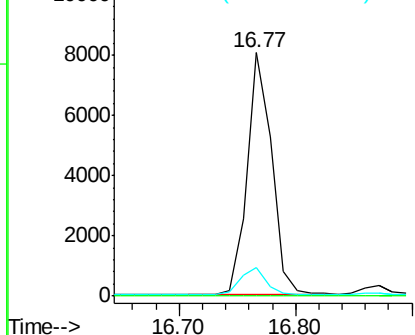


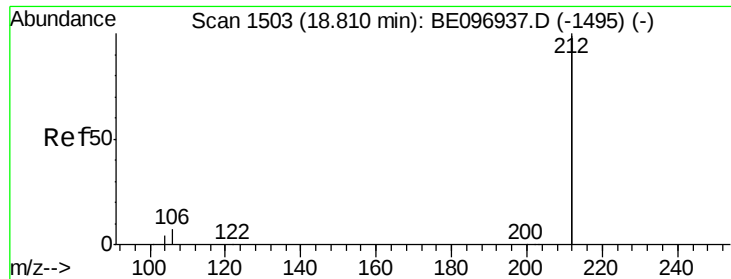
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BE097020.D
Acq: 20 Jul 2018 8:27

Tgt Ion:188 Resp: 11846
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 11.8 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: 0.575 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

Instrument :

BNA_E

ClientSampleId :

RE104D2-071318

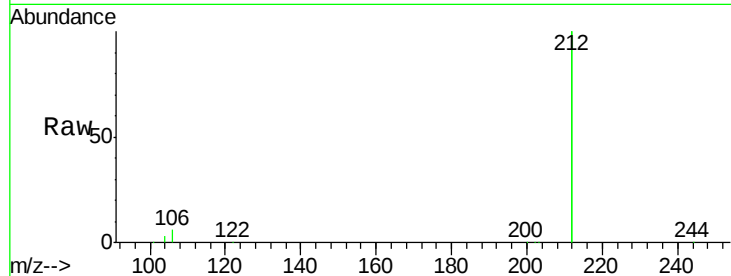
Tgt Ion:212 Resp: 59238

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

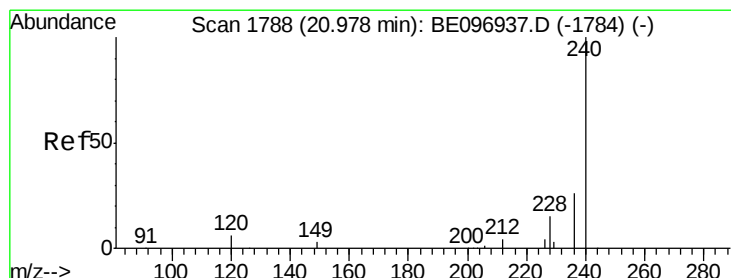
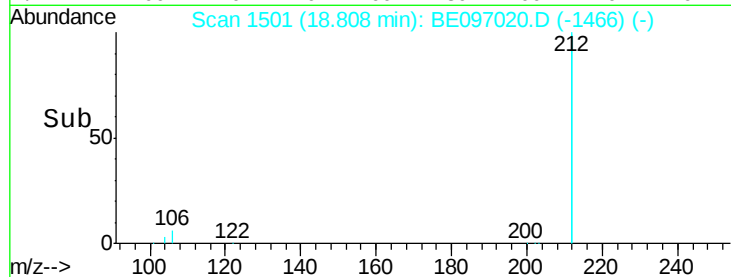
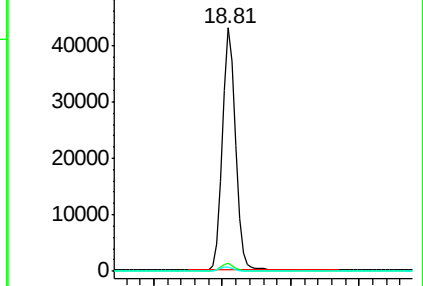
104 1.7 1.6 2.4



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# 1786

Delta R.T. 0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

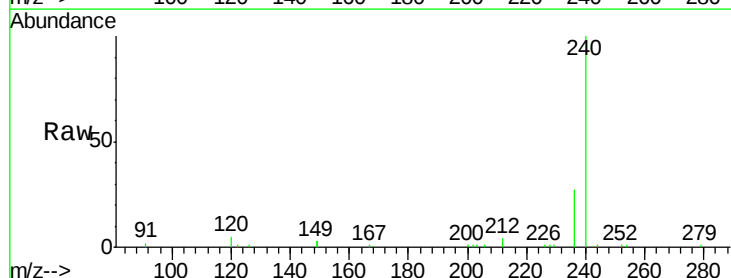
Tgt Ion:240 Resp: 12282

Ion Ratio Lower Upper

240 100

120 4.8 5.5 8.3#

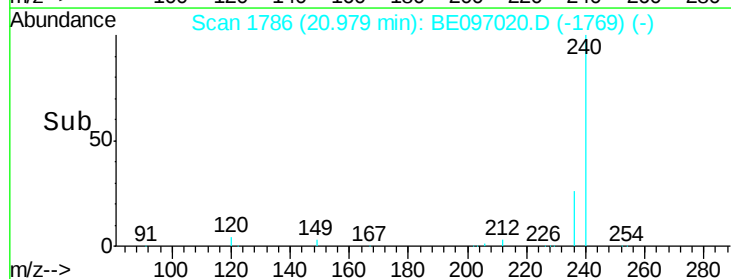
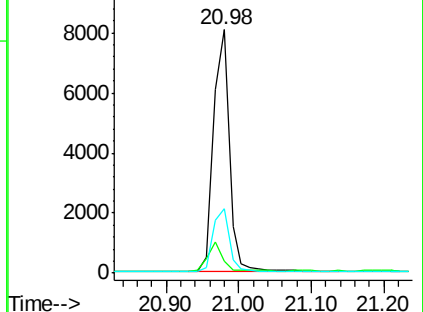
236 26.6 20.7 31.1

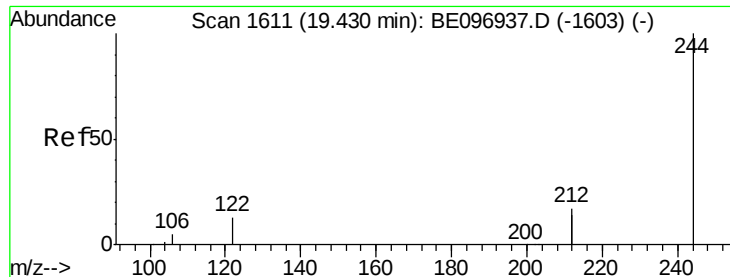


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.533 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

Instrument :

BNA_E

ClientSampleId :

RE104D2-071318

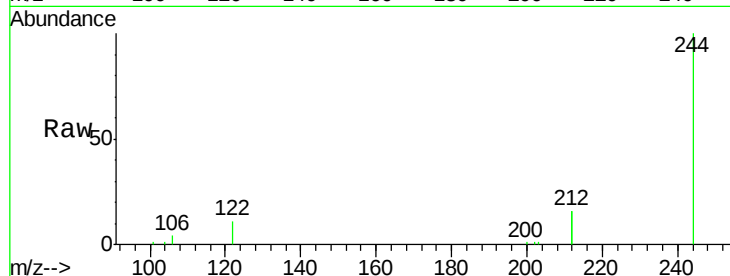
Tgt Ion:244 Resp: 12633

Ion Ratio Lower Upper

244 100

212 32.2 25.4 38.0

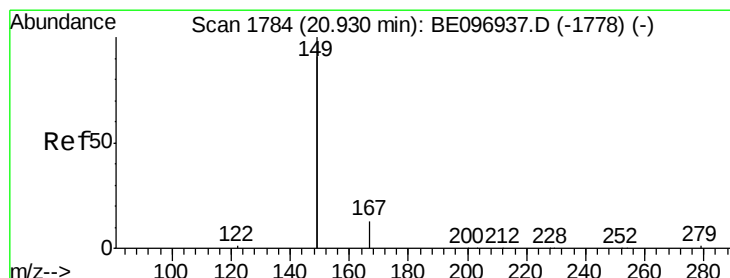
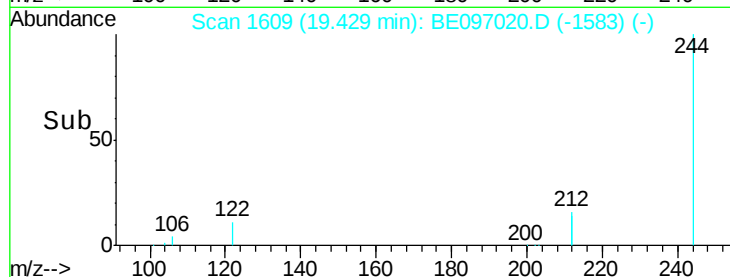
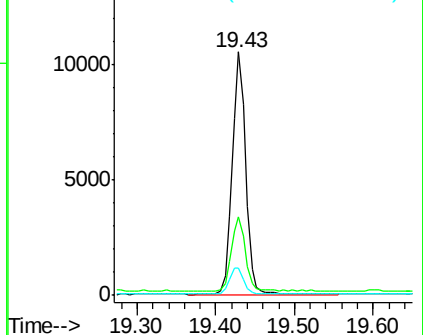
122 11.1 8.1 12.1



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: 0.212 ng

RT: 20.93 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

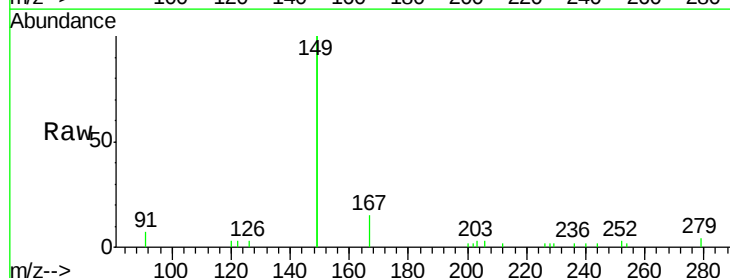
Tgt Ion:149 Resp: 6192

Ion Ratio Lower Upper

149 100

167 6.4 5.4 8.0

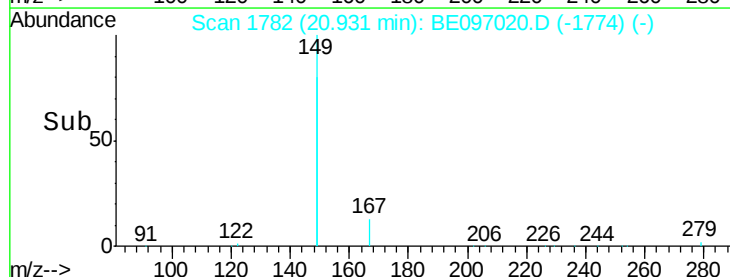
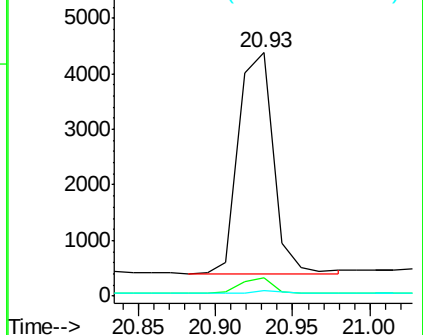
279 0.9 0.7 1.1

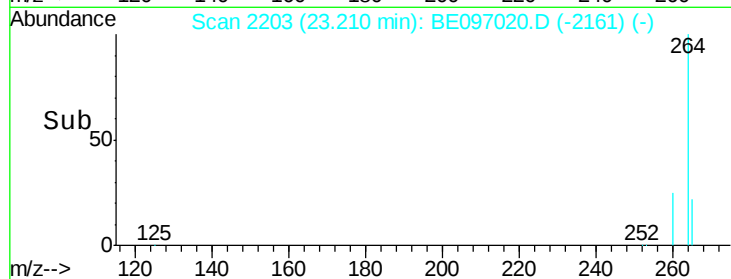
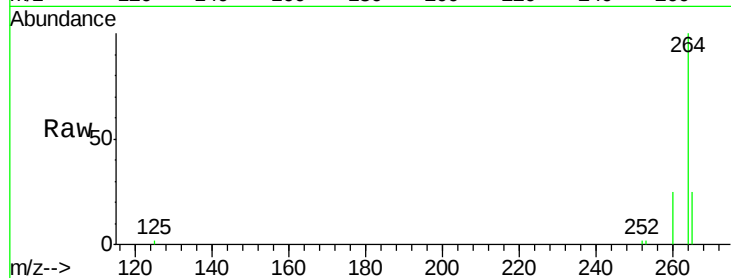
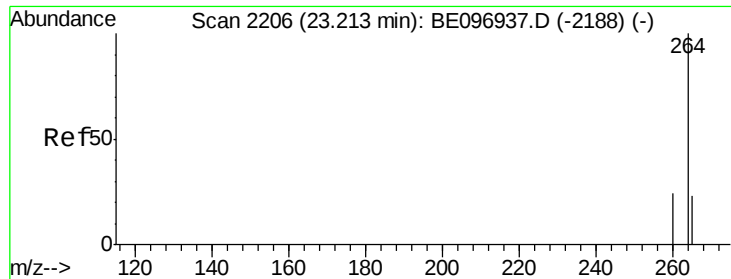


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2203

Delta R.T. 0.00 min

Lab File: BE097020.D

Acq: 20 Jul 2018 8:27

Instrument :

BNA_E

ClientSampleId :

RE104D2-071318

Tgt Ion:264 Resp: 11267

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 24.9 22.8 34.2

