

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
 Data File : BE096253.D
 Acq On : 1 May 2018 12:03
 Operator : SJ/JU
 Sample : J2464-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-180417

Quant Time: May 02 02:26:21 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

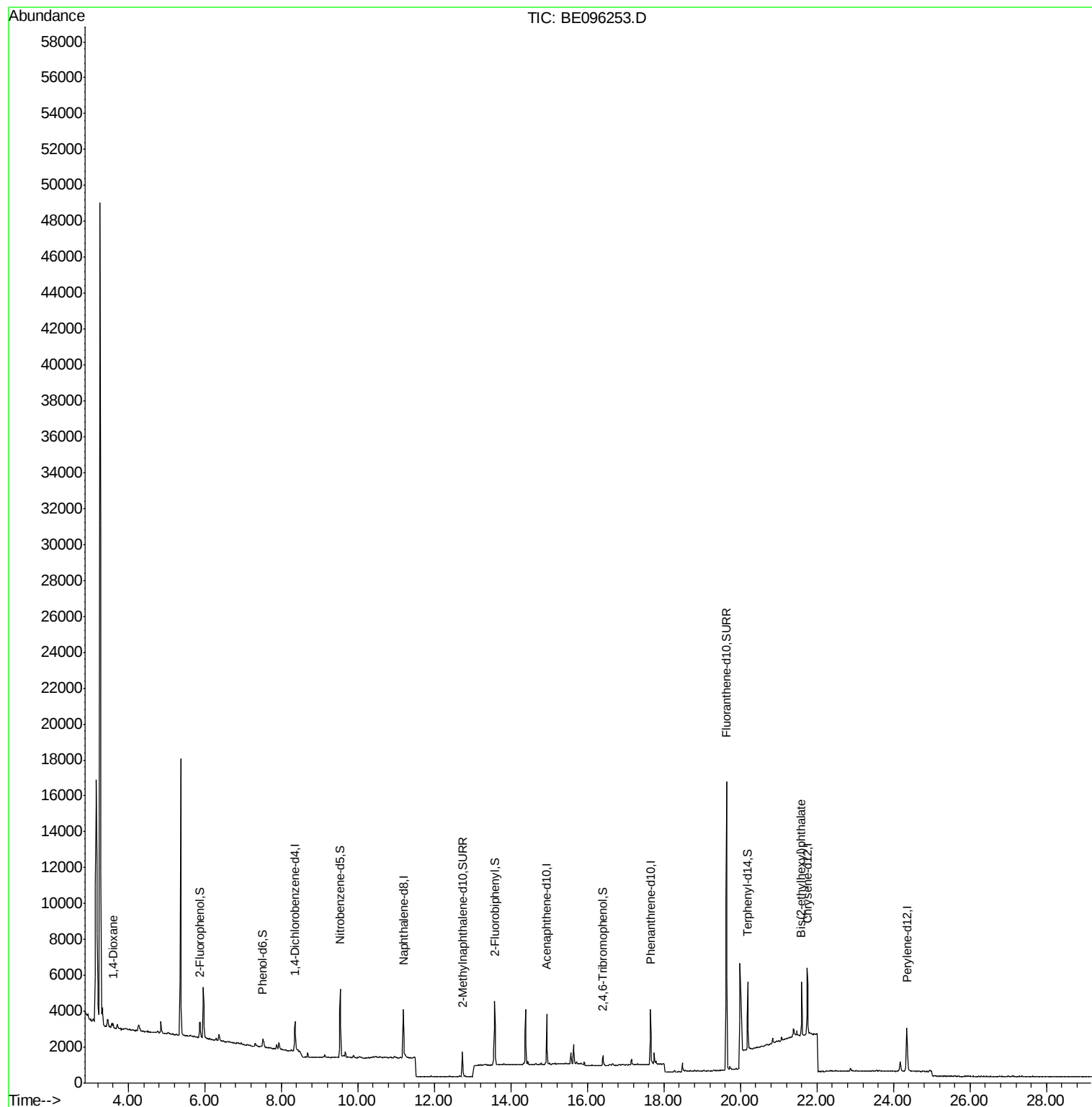
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	841	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3126	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1688	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4018	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4063	0.40	ng	0.00
34) Perylene-d12	24.35	264	3838	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	447	0.17	ng	0.00
5) Phenol-d6	7.52	99	413	0.12	ng	0.00
8) Nitrobenzene-d5	9.54	82	1507	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.74	152	1835	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	298	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2919	0.40	ng	0.00
25) Fluoranthene-d10	19.64	212	21356	0.39	ng	0.00
29) Terphenyl-d14	20.19	244	3394	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	154	0.119	ng	# 53
32) Bis(2-ethylhexyl)phthalate	21.60	149	3334	0.099	ng	# 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.36 min Scan# 562

Delta R.T. -0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

Instrument :

BNA_E

ClientSampleId :

LF017MW004-180417

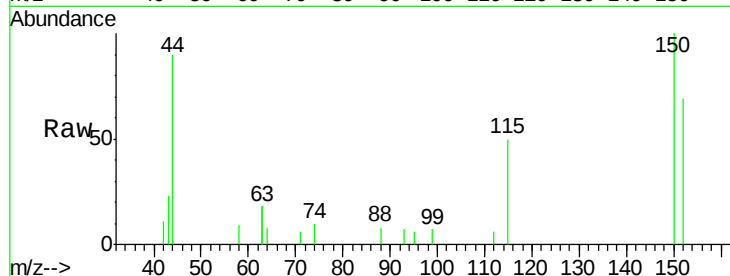
Tgt Ion:152 Resp: 841

Ion Ratio Lower Upper

152 100

150 145.1 117.2 175.8

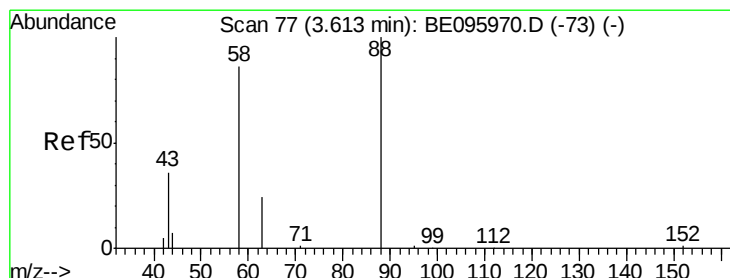
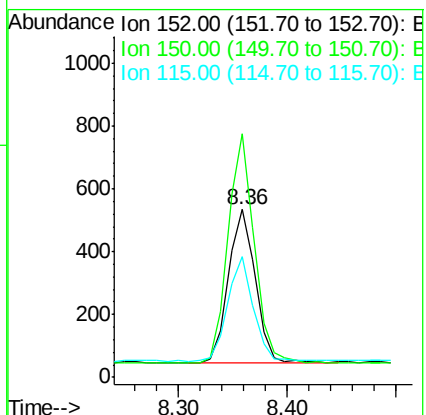
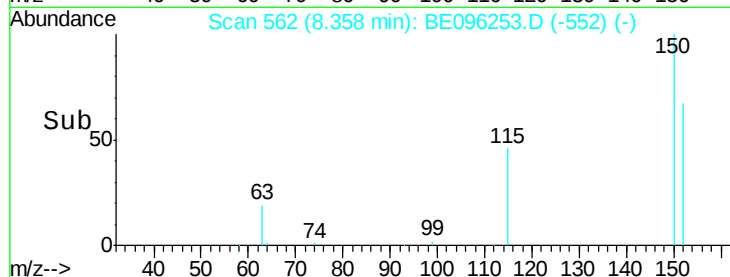
115 72.1 57.0 85.6



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: 0.119 ng

RT: 3.60 min Scan# 76

Delta R.T. -0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

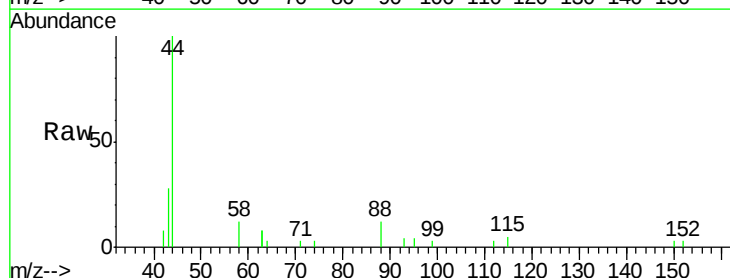
Tgt Ion: 88 Resp: 154

Ion Ratio Lower Upper

88 100

58 94.8 63.2 94.8#

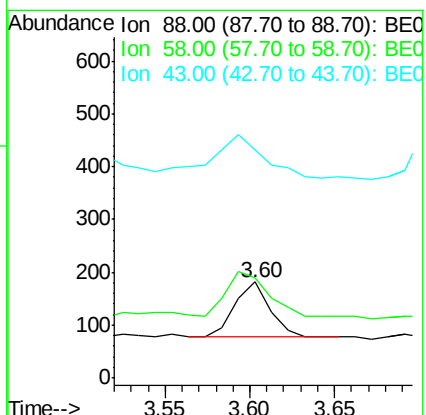
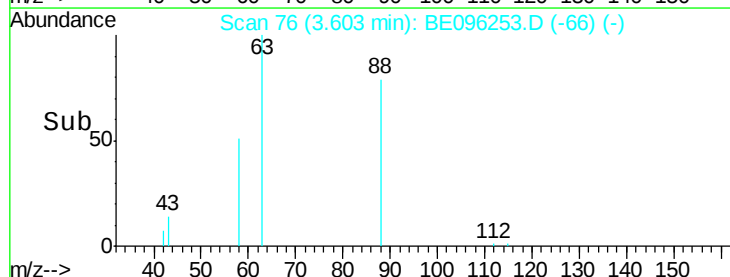
43 114.9 41.2 61.8#

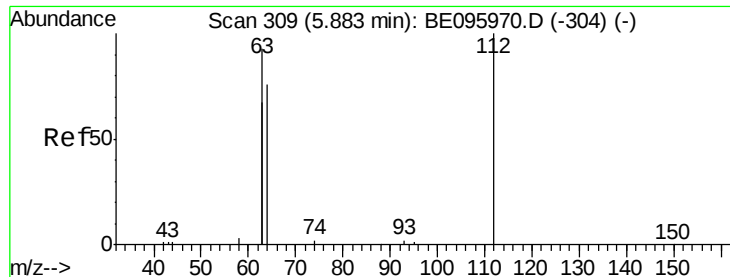


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

Instrument :

BNA_E

ClientSampleId :

LF017MW004-180417

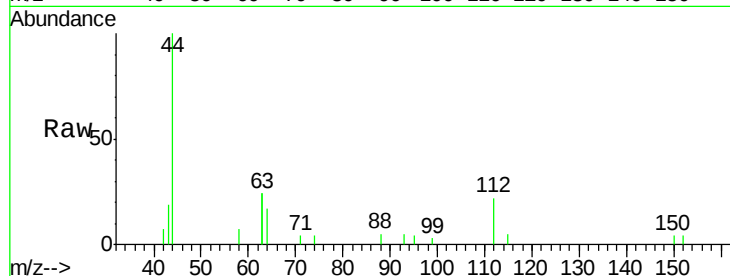
Tgt Ion: 112 Resp: 447

Ion Ratio Lower Upper

112 100

64 76.3 60.1 90.1

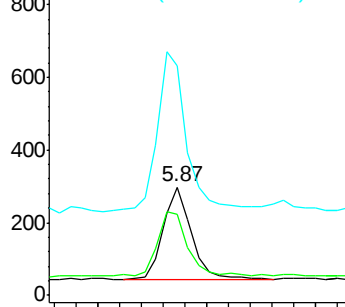
63 183.9 116.8 175.2#



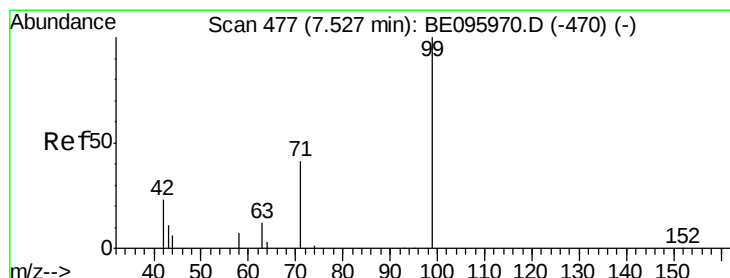
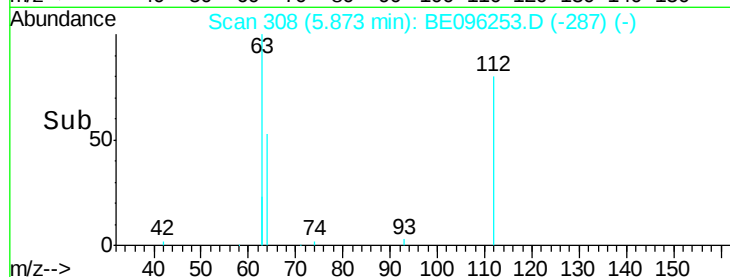
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->



#5

Phenol-d6

Concen: 0.115 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

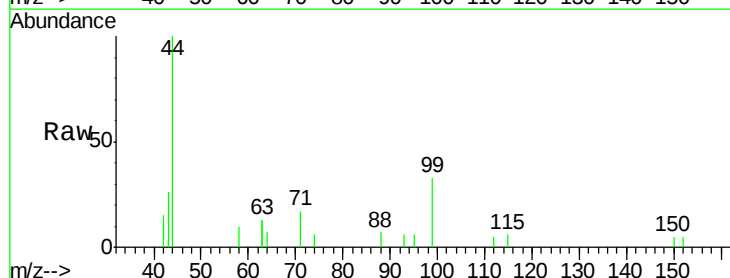
Tgt Ion: 99 Resp: 413

Ion Ratio Lower Upper

99 100

42 33.7 20.2 30.2#

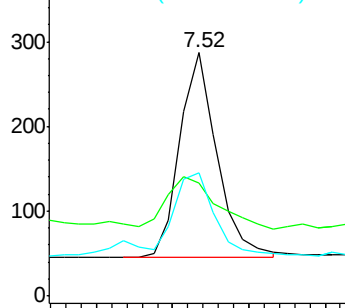
71 48.7 28.4 42.6#



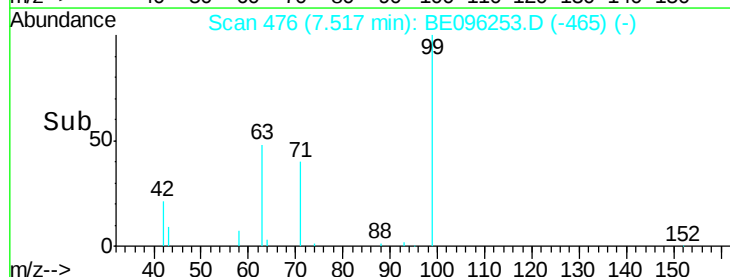
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

Instrument :

BNA_E

ClientSampleId :

LF017MW004-180417

Tgt Ion:136 Resp: 3126

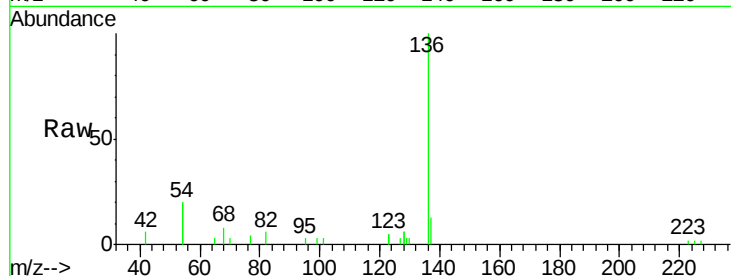
Ion Ratio Lower Upper

136 100

137 12.8 9.5 14.3

54 39.9 29.1 43.7

68 7.6 6.2 9.2

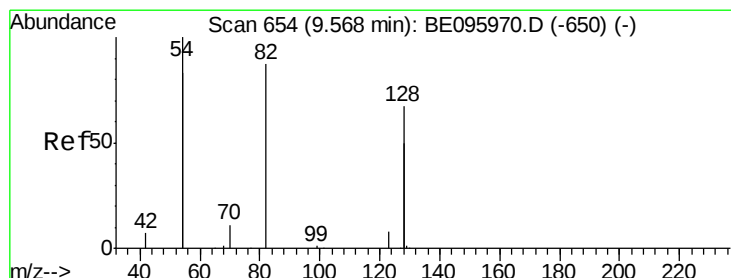
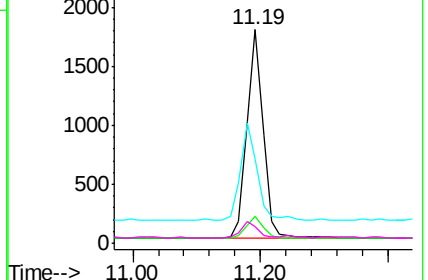
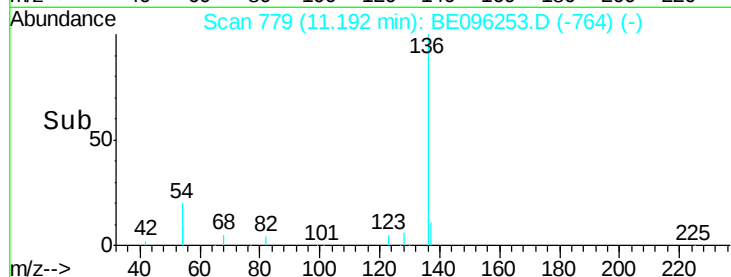


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

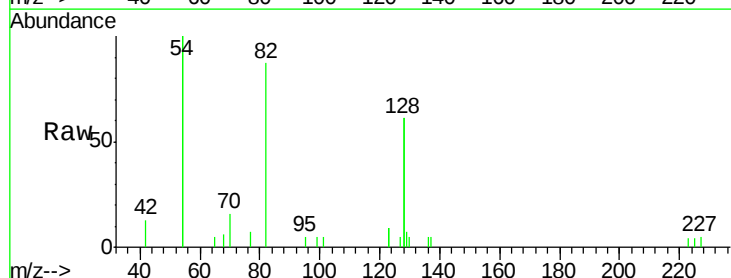
Tgt Ion: 82 Resp: 1507

Ion Ratio Lower Upper

82 100

128 139.5 150.0 225.0#

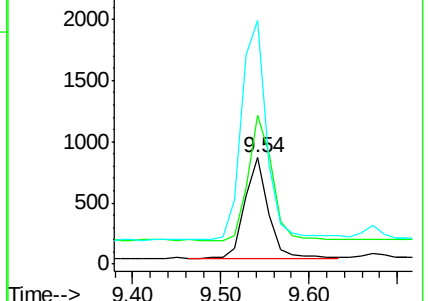
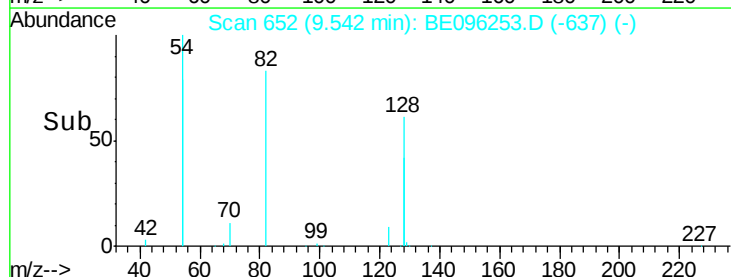
54 228.7 154.2 231.4

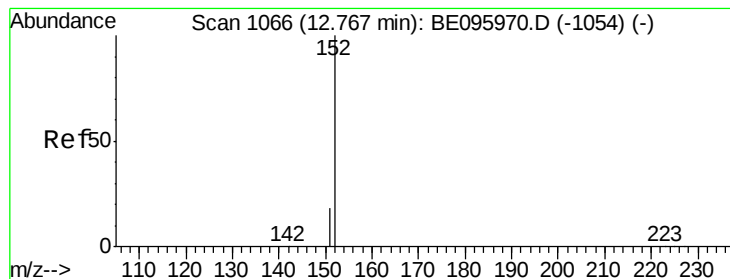


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.74 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

Instrument :

BNA_E

ClientSampleId :

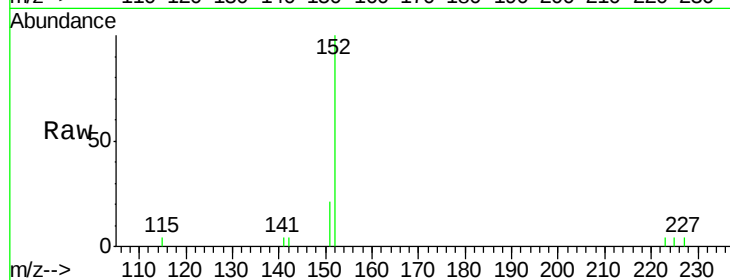
LF017MW004-180417

Tgt Ion:152 Resp: 1835

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.74

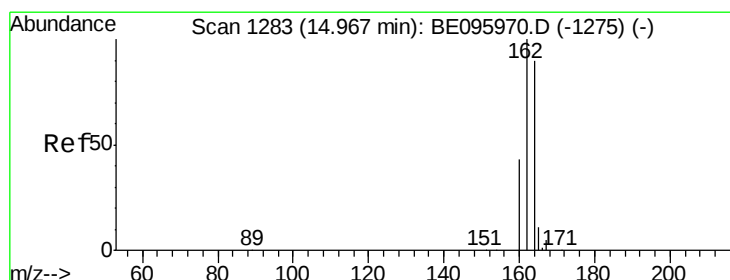
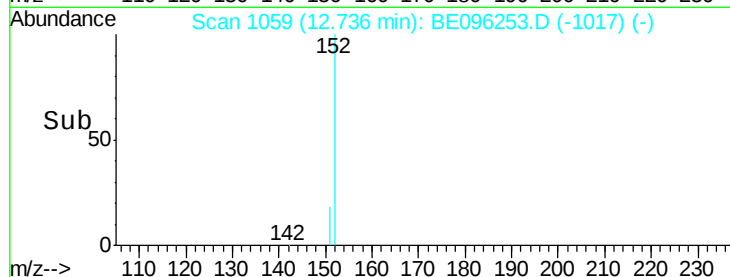
1000

500

0

12.70 12.80

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

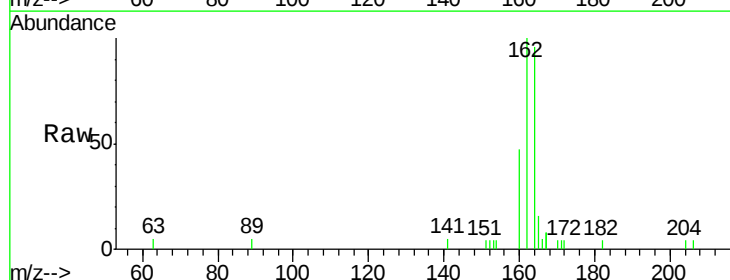
Tgt Ion:164 Resp: 1688

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

160 48.4 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

14.94

1500

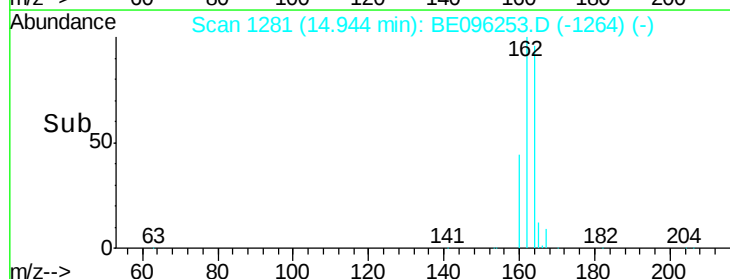
1000

500

0

14.80 14.90 15.00 15.10

Time-->

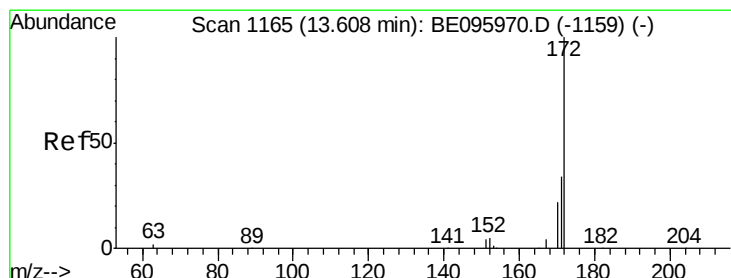
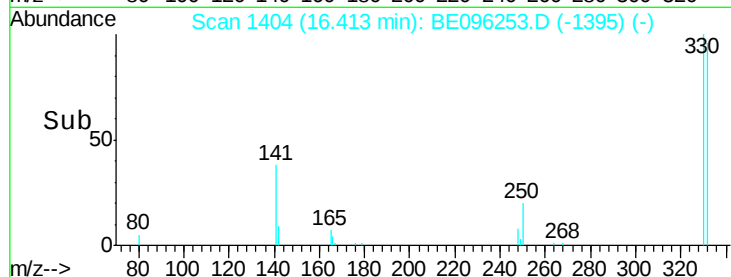
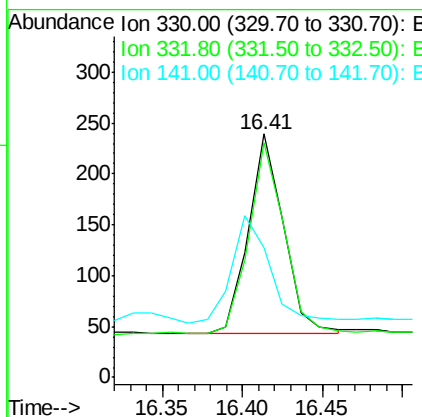
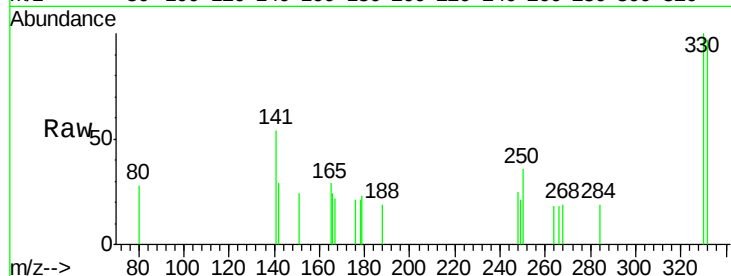




#14
 2,4,6-Tribromophenol
 Concen: 0.366 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BE096253.D
 Acq: 1 May 2018 12:03

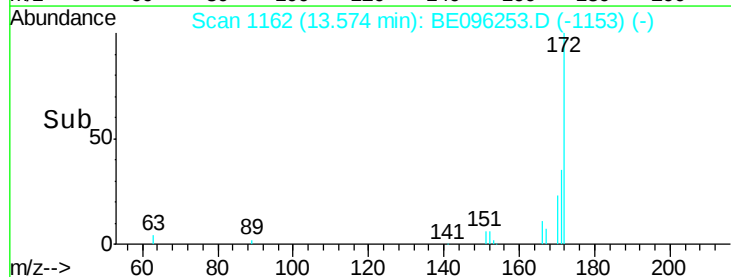
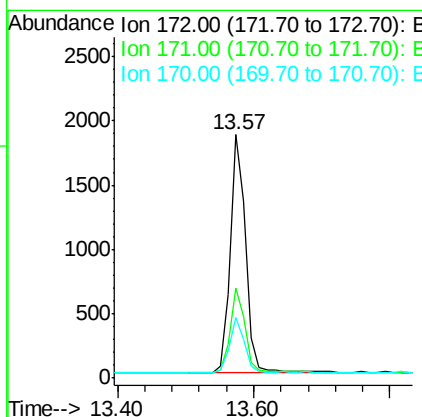
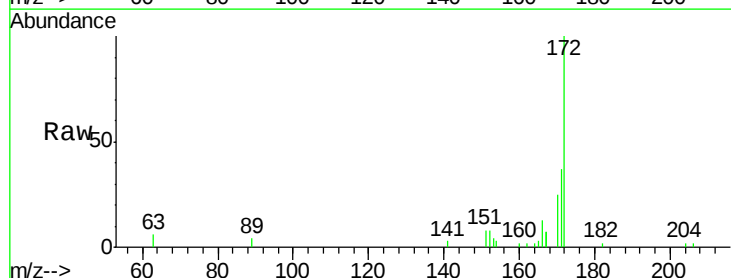
Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-180417

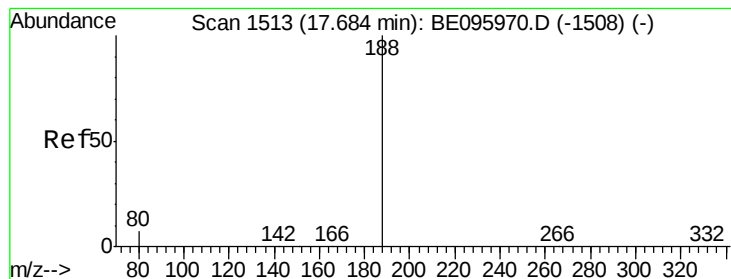
Tgt Ion: 330 Resp: 298
 Ion Ratio Lower Upper
 330 100
 332 97.7 152.7 229.1#
 141 59.7 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.404 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096253.D
 Acq: 1 May 2018 12:03

Tgt Ion: 172 Resp: 2919
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.9 44.9
 170 24.8 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

Instrument :

BNA_E

ClientSampleId :

LF017MW004-180417

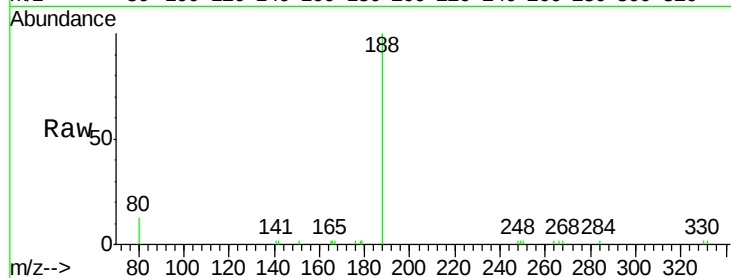
Tgt Ion:188 Resp: 4018

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

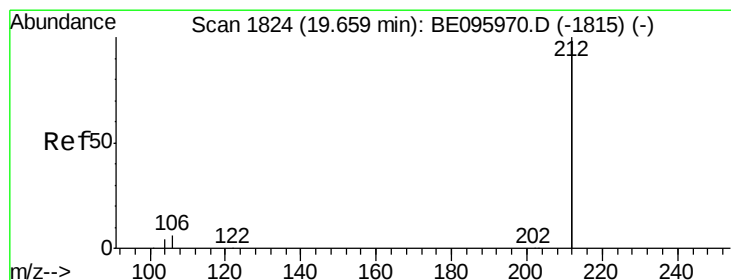
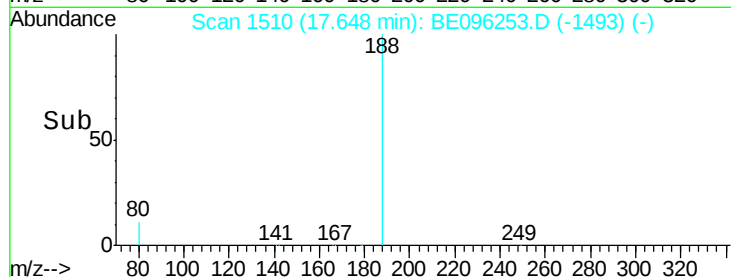
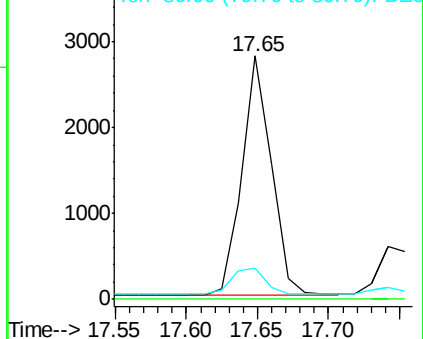
80 12.9 3.6 5.4#



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: 0.392 ng

RT: 19.64 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

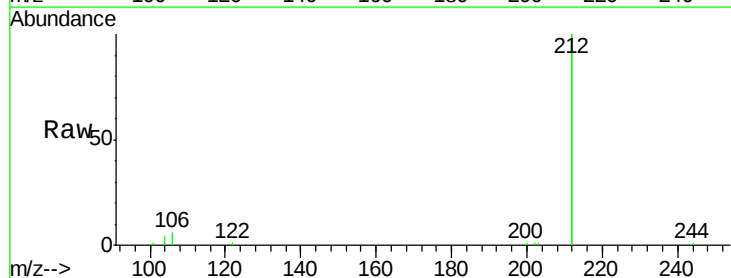
Tgt Ion:212 Resp: 21356

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

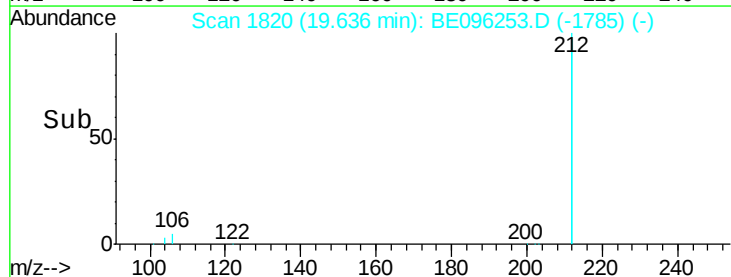
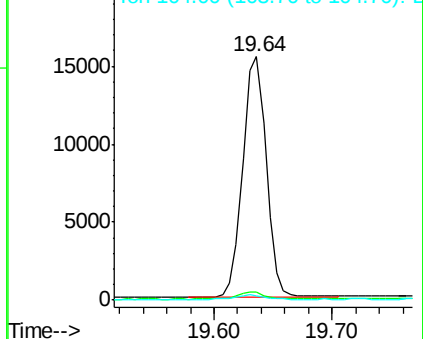
104 1.9 1.6 2.4

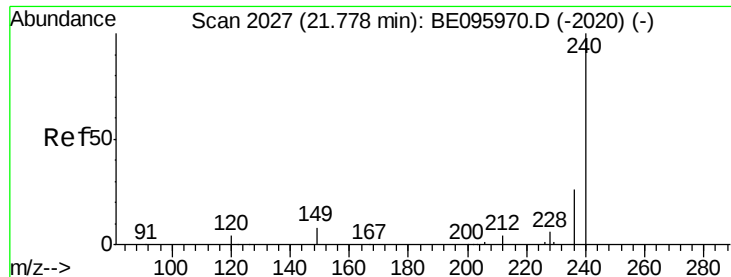


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

Instrument :

BNA_E

ClientSampleId :

LF017MW004-180417

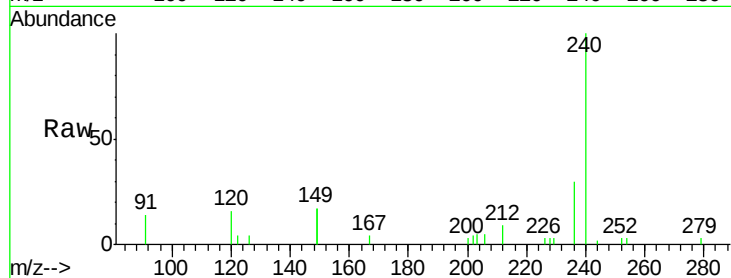
Tgt Ion:240 Resp: 4063

Ion Ratio Lower Upper

240 100

120 15.7 5.5 8.3#

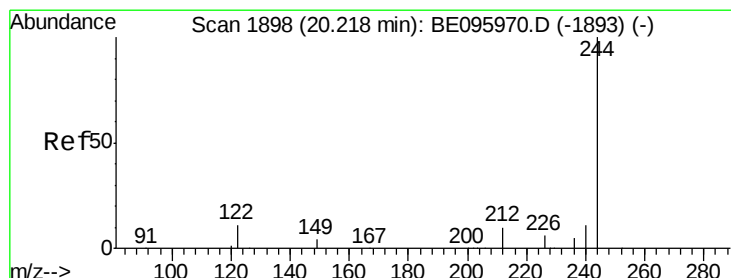
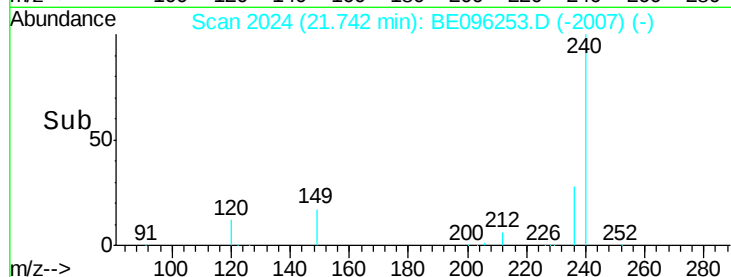
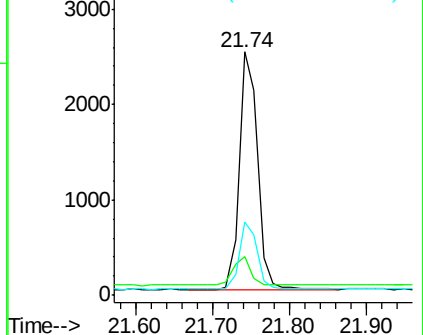
236 29.9 20.7 31.1



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: 0.378 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096253.D

Acq: 1 May 2018 12:03

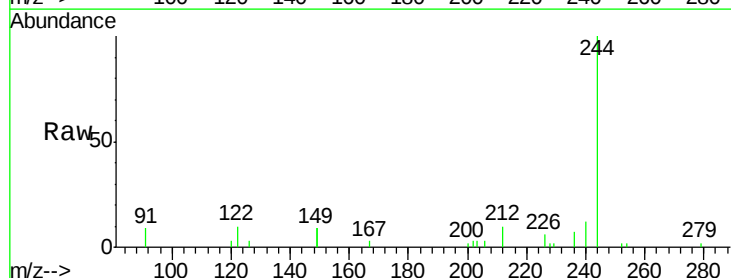
Tgt Ion:244 Resp: 3394

Ion Ratio Lower Upper

244 100

212 9.9 25.4 38.0#

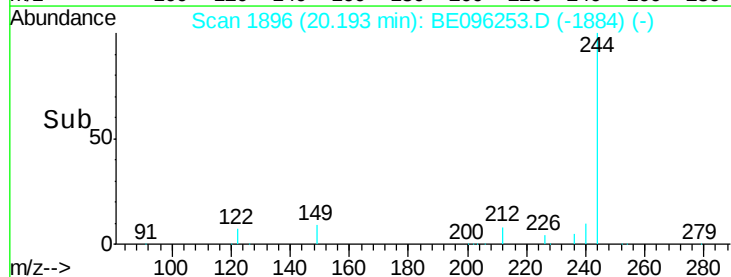
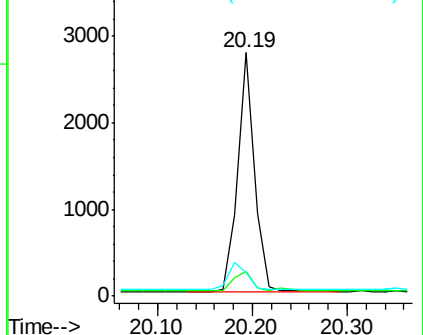
122 9.8 8.1 12.1

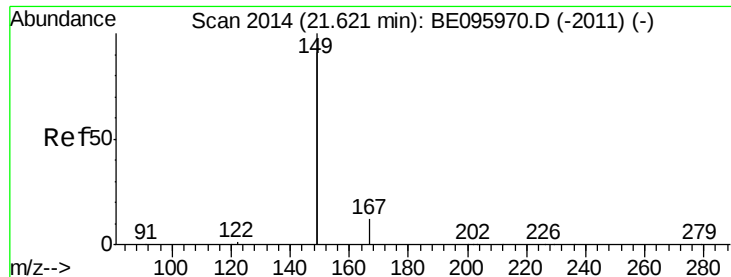


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

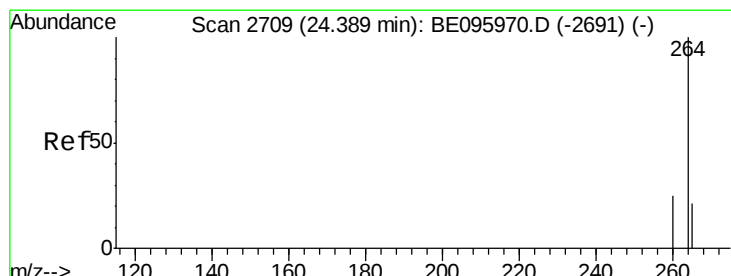
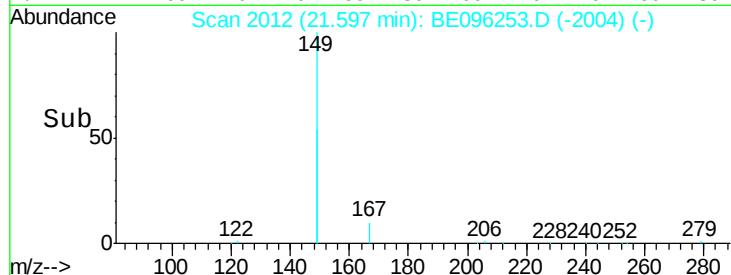
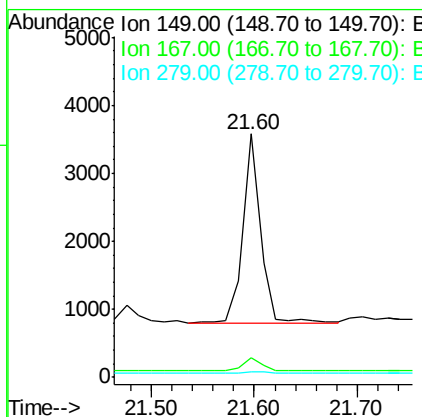
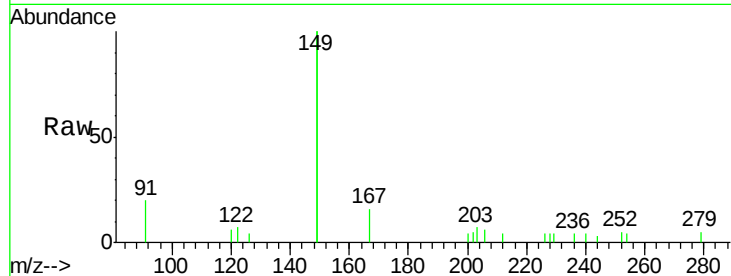




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.60 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BE096253.D
 Acq: 1 May 2018 12:03

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-180417

Tgt Ion:149 Resp: 3334
 Ion Ratio Lower Upper
 149 100
 167 6.7 5.4 8.0
 279 1.2 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2699
 Delta R.T. 0.00 min
 Lab File: BE096253.D
 Acq: 1 May 2018 12:03

Tgt Ion:264 Resp: 3838
 Ion Ratio Lower Upper
 264 100
 260 26.7 20.5 30.7
 265 33.7 22.8 34.2

