

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072318\
 Data File : BE097036.D
 Acq On : 23 Jul 2018 14:06
 Operator : SJ/JU
 Sample : J4048-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-7MS

Quant Time: Jul 23 15:35:55 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	1482	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6794	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4276	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11361	0.40	ng	0.00
27) Chrysene-d12	20.97	240	14076	0.40	ng	-0.01
34) Perylene-d12	23.21	264	12591	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	853	0.24	ng	0.00
5) Phenol-d6	6.60	99	738	0.14	ng	0.00
8) Nitrobenzene-d5	8.52	82	2903	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	4085	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	852	0.80	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	11067	0.70	ng	0.00
25) Fluoranthene-d10	18.81	212	62621	0.63	ng	0.00
29) Terphenyl-d14	19.42	244	13665	0.50	ng	0.00

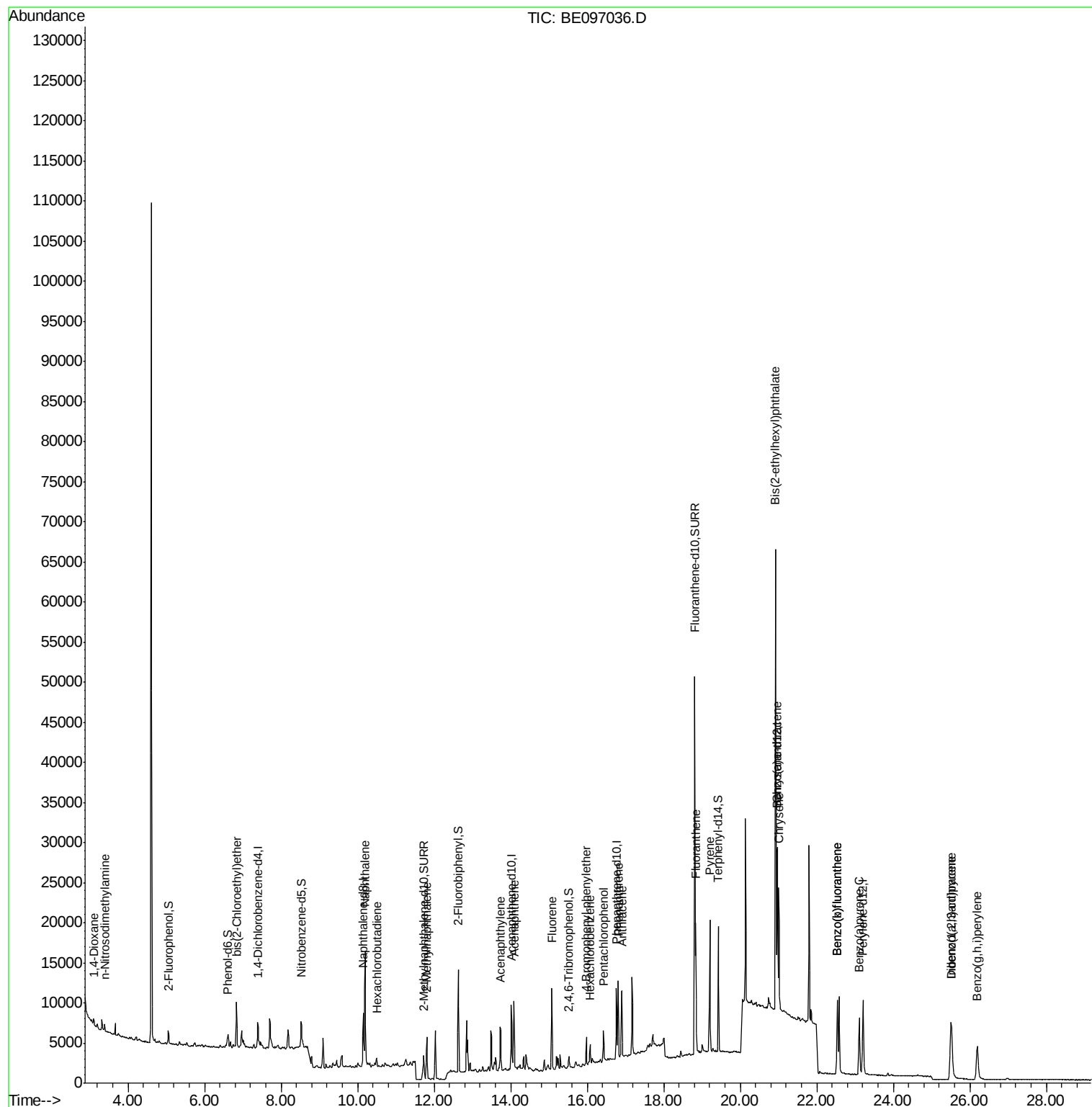
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.11	88	417	0.197	ng	# 58
3) n-Nitrosodimethylamine	3.38	42	433	0.181	ng	# 88
6) bis(2-Chloroethyl)ether	6.84	93	1815	0.342	ng	94
9) Naphthalene	10.20	128	22314	0.367	ng	100
10) Hexachlorobutadiene	10.50	225	821	0.334	ng	98
12) 2-Methylnaphthalene	11.80	142	3695	0.358	ng	99
16) Acenaphthylene	13.73	152	6153	0.315	ng	96
17) Acenaphthene	14.08	154	4355	0.359	ng	96
18) Fluorene	15.07	166	6300	0.462	ng	# 79
20) 4-Bromophenyl-phenylether	15.97	248	1725	0.321	ng	# 75
21) Hexachlorobenzene	16.08	284	1678	0.281	ng	# 78
22) Pentachlorophenol	16.43	266	1871	1.419	ng	# 71
23) Phenanthrene	16.81	178	10304	0.379	ng	96
24) Anthracene	16.90	178	9970	0.421	ng	# 94
26) Fluoranthene	18.84	202	13922	0.485	ng	99
28) Pyrene	19.20	202	14202	0.342	ng	97
30) Benzo(a)anthracene	20.96	228	14085	0.420	ng	98
31) Chrysene	21.00	228	13701	0.364	ng	96
32) Bis(2-ethylhexyl)phthalate	20.92	149	72825	2.177	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	11428	0.417	ng	# 94
35) Benzo(b)fluoranthene	22.54	252	12122	0.377	ng	# 91
36) Benzo(k)fluoranthene	22.54	252	12122	0.317	ng	93
37) Benzo(a)pyrene	23.11	252	10982	0.402	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	9503	0.420	ng	97
39) Benzo(g,h,i)perylene	26.19	276	10148	0.388	ng	# 91

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

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Instrument :
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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: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

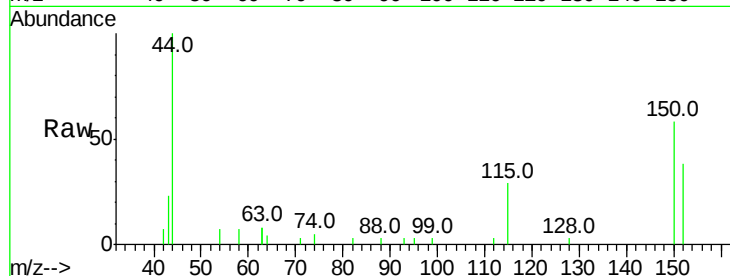
Tot Ion:152 Resp: 1482

Ion Ratio Lower Upper

152 100

150 153.1 117.2 175.8

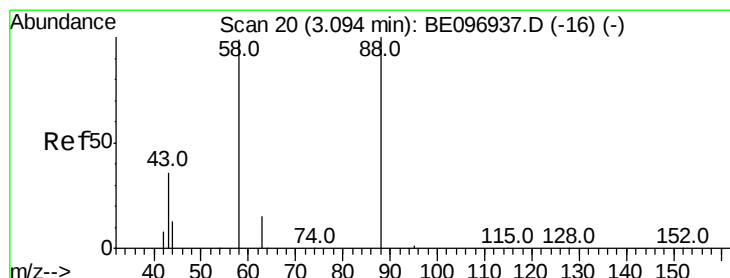
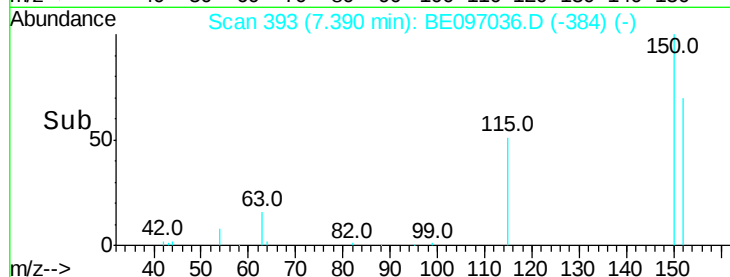
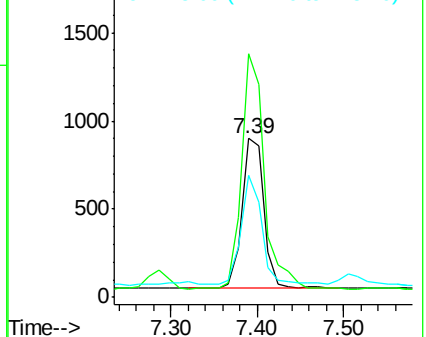
115 77.1 57.0 85.6



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: 0.197 ng

RT: 3.11 min Scan# 21

Delta R.T. 0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

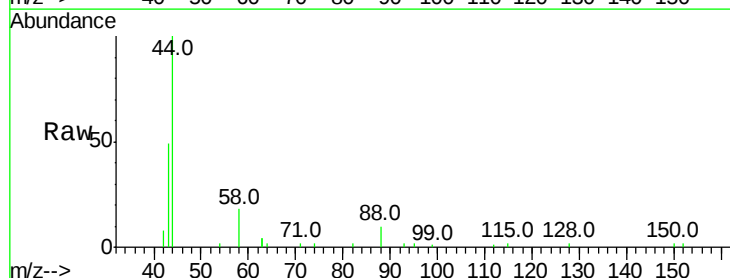
Tgt Ion: 88 Resp: 417

Ion Ratio Lower Upper

88 100

58 84.9 63.2 94.8

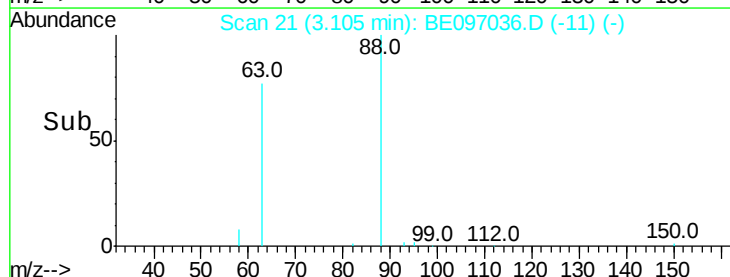
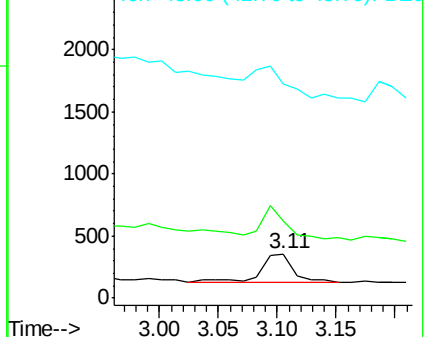
43 118.2 41.2 61.8#



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





#3

n-Nitrosodimethylamine

Concen: 0.181 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

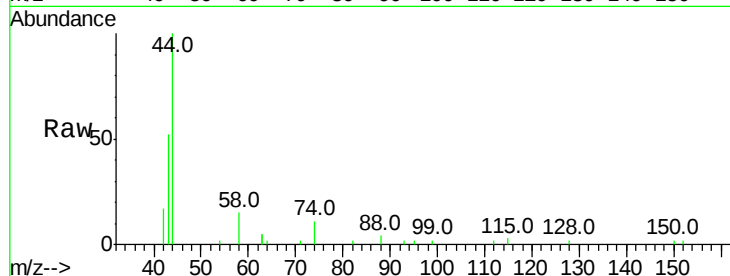
Tot Ion: 42 Resp: 433

Ion Ratio Lower Upper

42 100

74 109.7 96.0 144.0

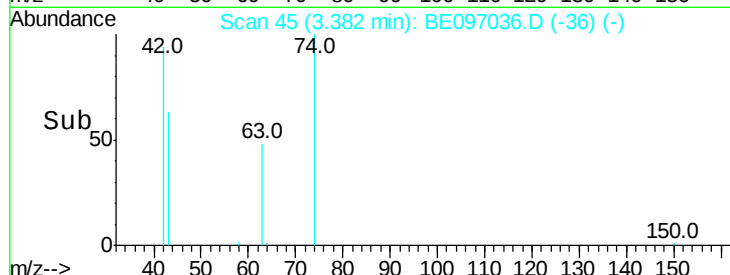
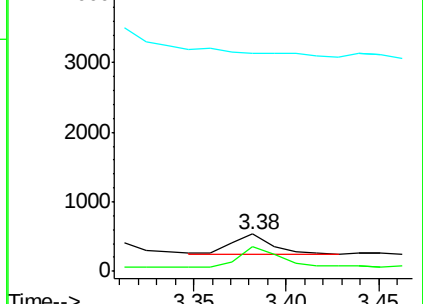
44 0.0 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.241 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

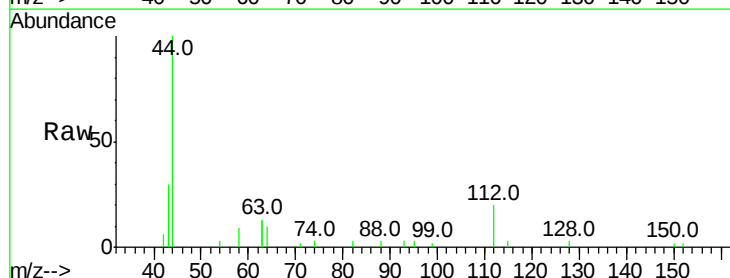
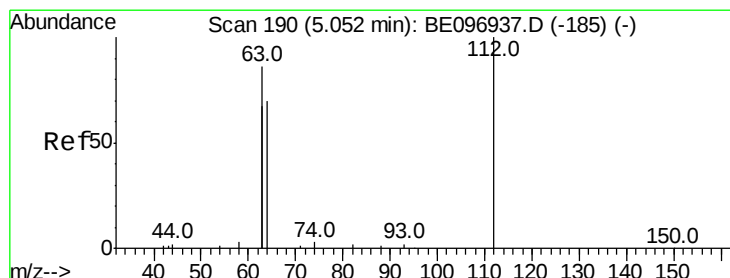
Tgt Ion: 112 Resp: 853

Ion Ratio Lower Upper

112 100

64 65.5 60.1 90.1

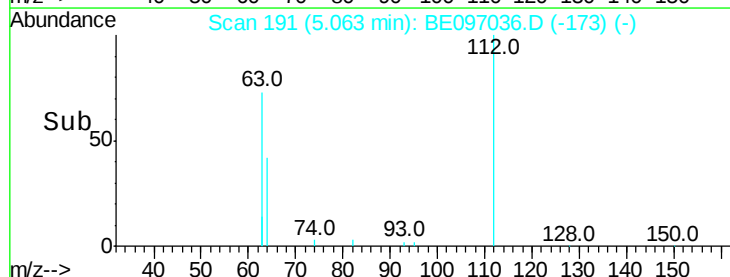
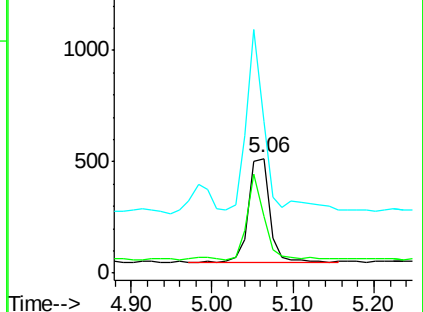
63 132.7 116.8 175.2

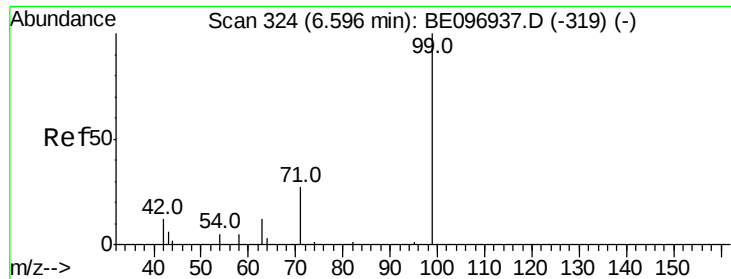


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.136 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

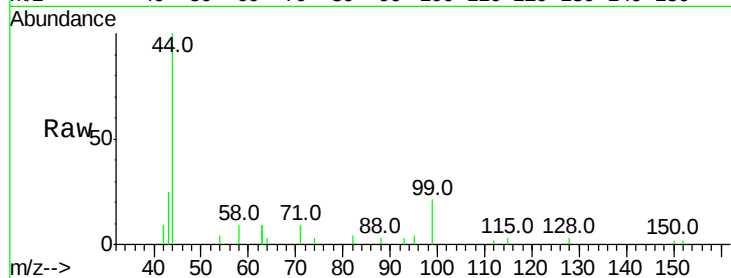
Tot Ion: 99 Resp: 738

Ion Ratio Lower Upper

99 100

42 32.2 20.2 30.2#

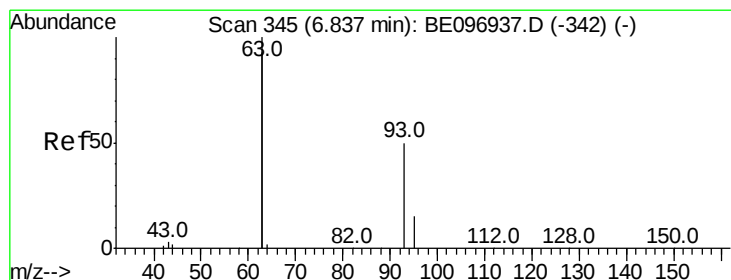
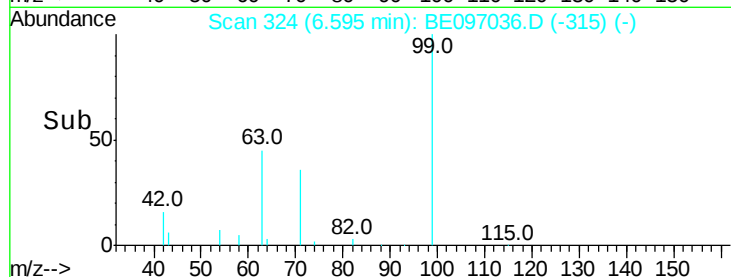
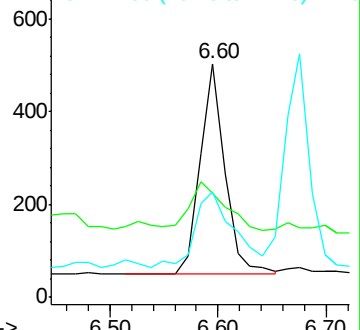
71 56.0 28.4 42.6#



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: 0.342 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

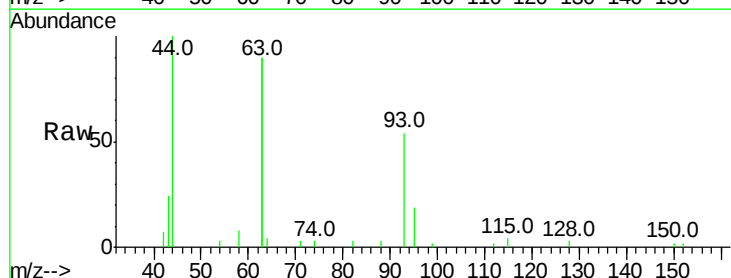
Tgt Ion: 93 Resp: 1815

Ion Ratio Lower Upper

93 100

63 332.1 275.3 412.9

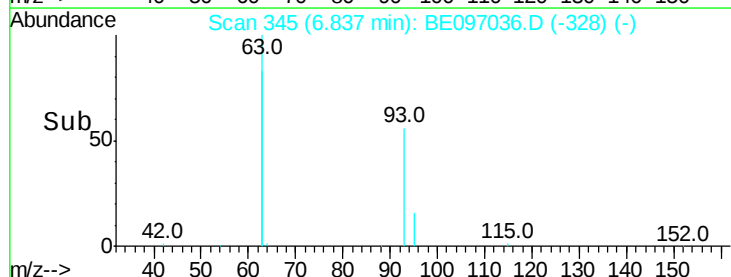
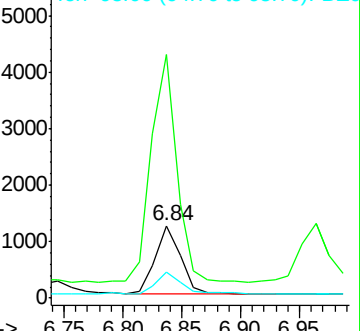
95 36.9 25.2 37.8

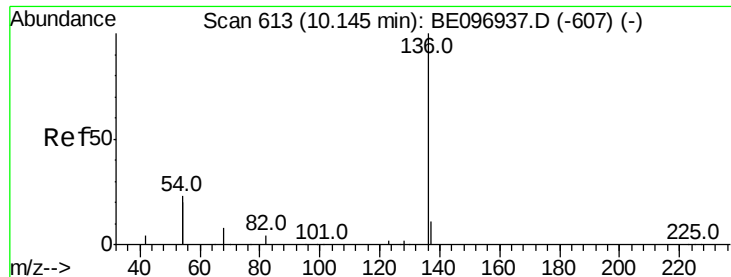


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

Tot Ion:136 Resp: 6794

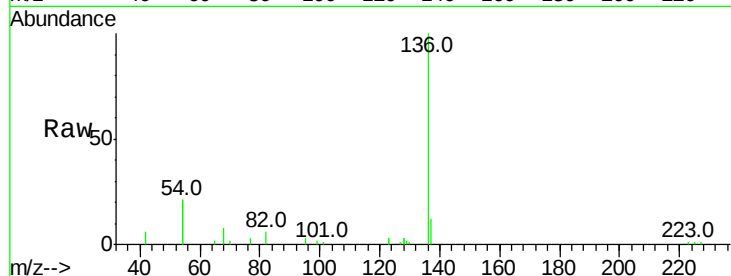
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 42.3 29.1 43.7

68 8.3 6.2 9.2

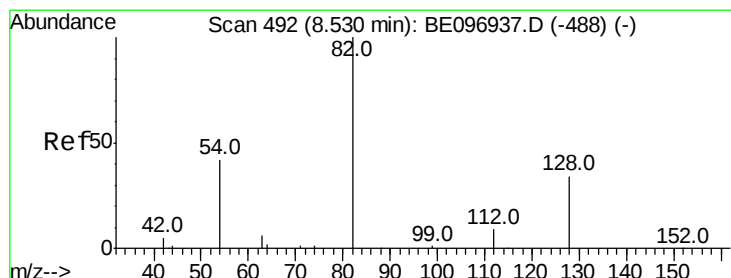
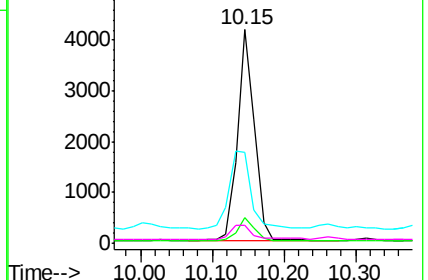
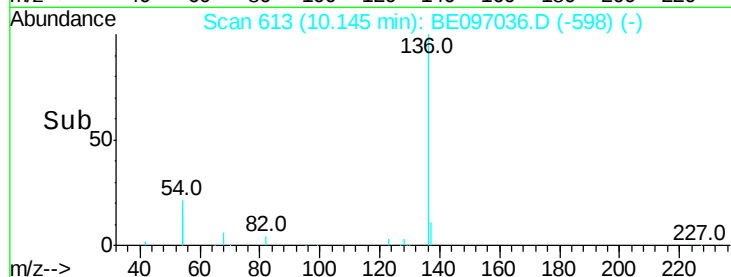


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.586 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

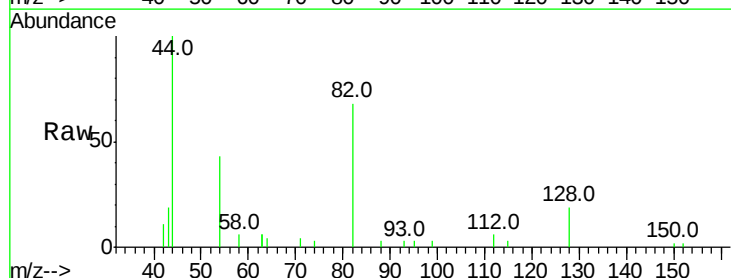
Tgt Ion: 82 Resp: 2903

Ion Ratio Lower Upper

82 100

128 28.3 24.0 36.0

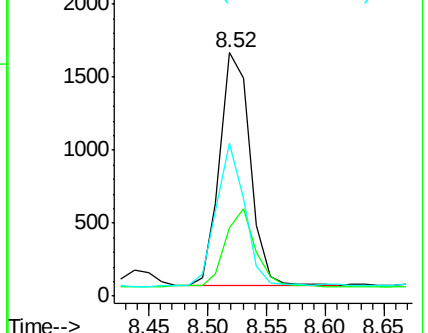
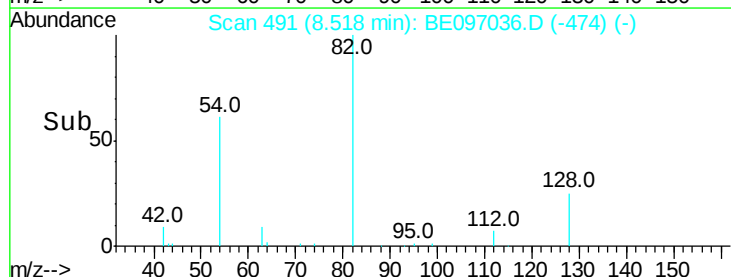
54 62.9 40.0 60.0#



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: 0.367 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

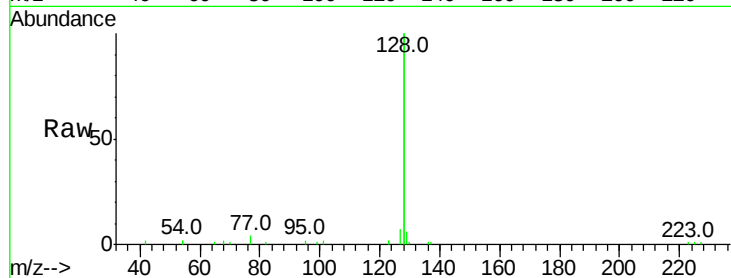
Tot Ion:128 Resp: 22314

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

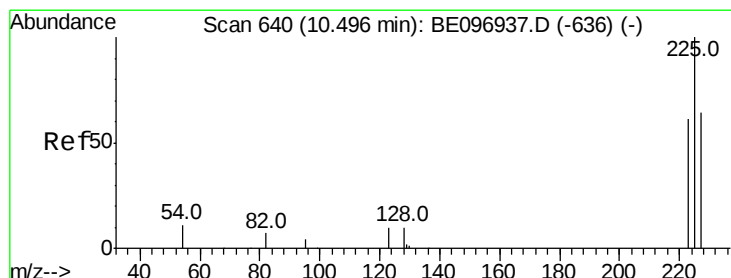
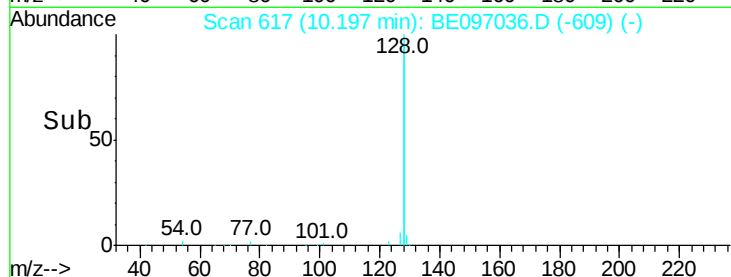
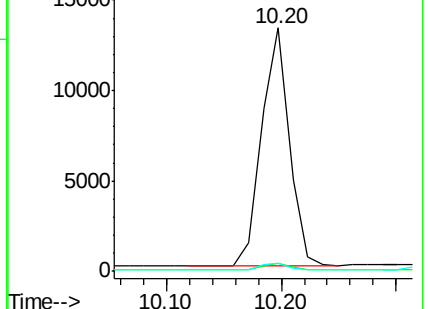
127 3.4 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.334 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

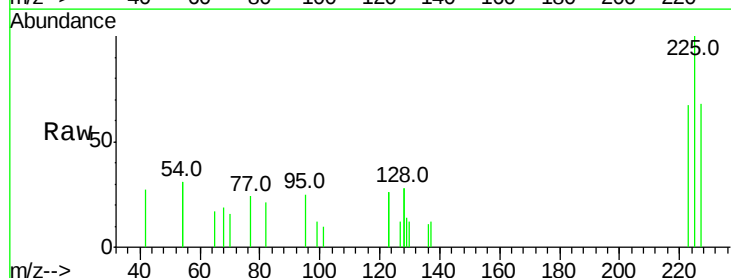
Tgt Ion:225 Resp: 821

Ion Ratio Lower Upper

225 100

223 63.8 53.0 79.6

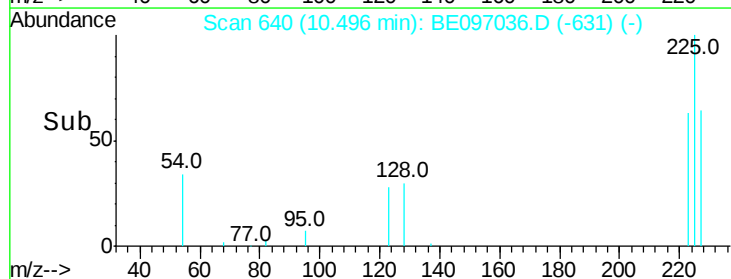
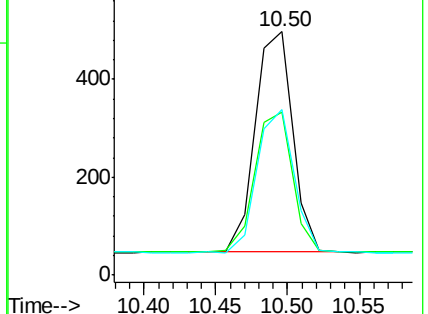
227 63.9 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.413 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

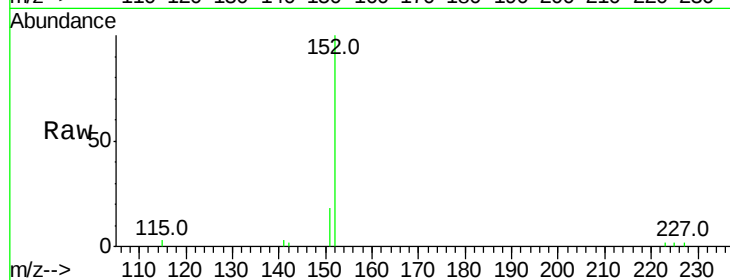
YT-MW-7MS

Tot Ion:152 Resp: 4085

Ion Ratio Lower Upper

152 100

151 20.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

2500

2000

1500

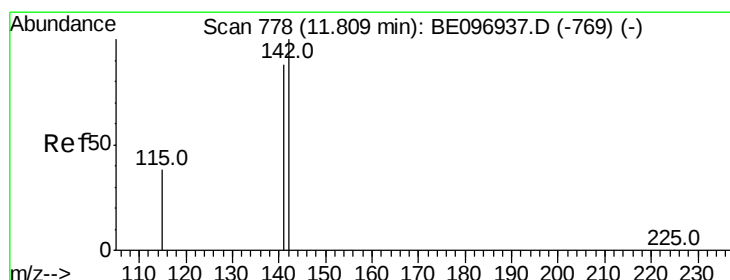
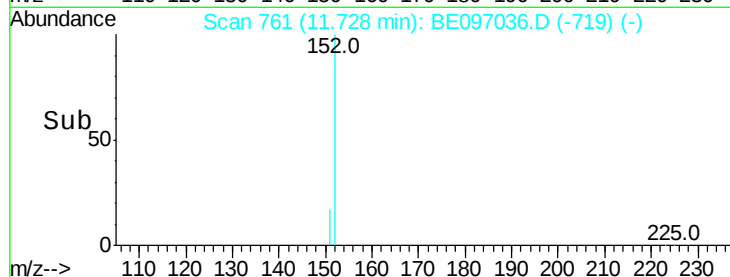
1000

500

0

11.70 11.75 11.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.358 ng

RT: 11.80 min Scan# 777

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

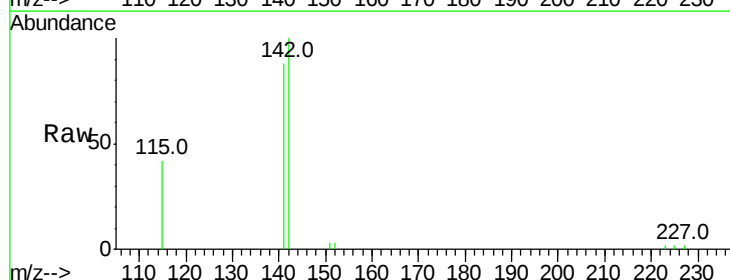
Tgt Ion:142 Resp: 3695

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6

115 41.7 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.80

2500

2000

1500

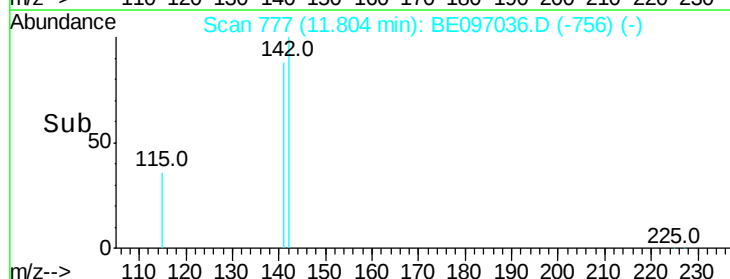
1000

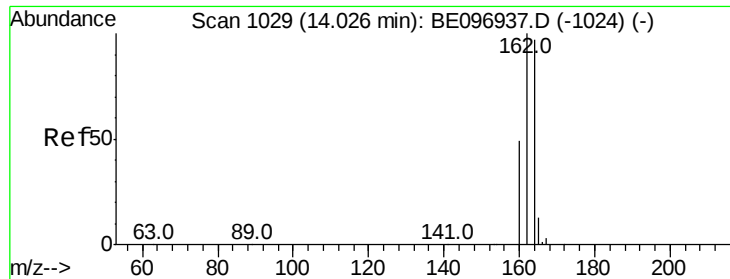
500

0

11.70 11.80 11.90

Time-->

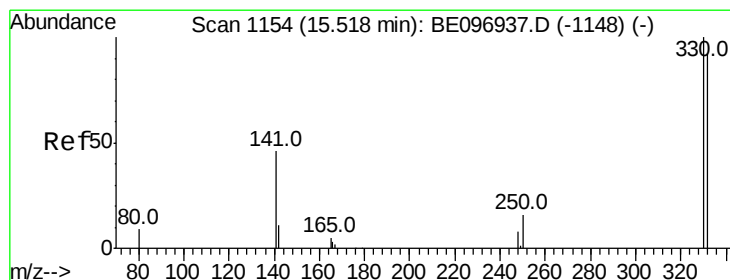
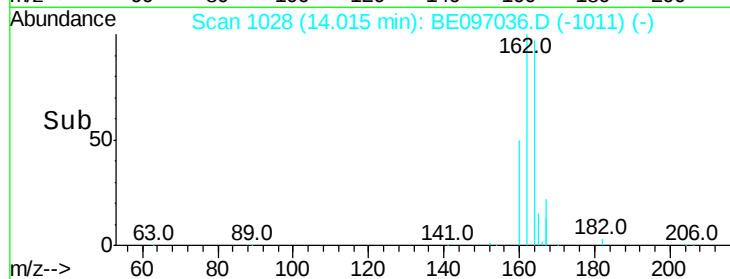
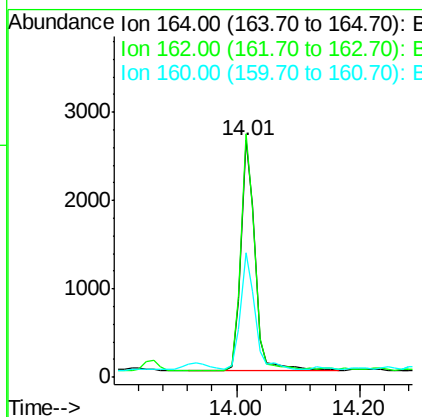
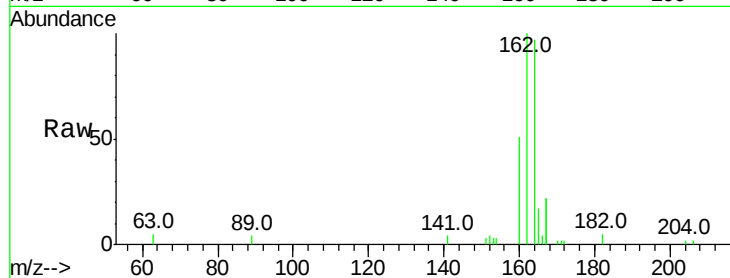




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BE097036.D
 Acq: 23 Jul 2018 14:06

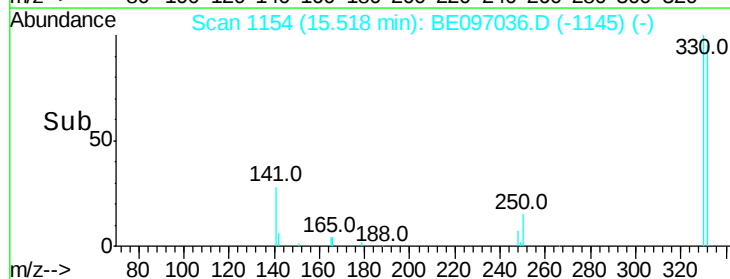
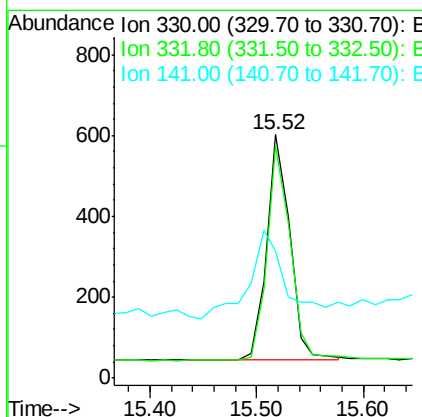
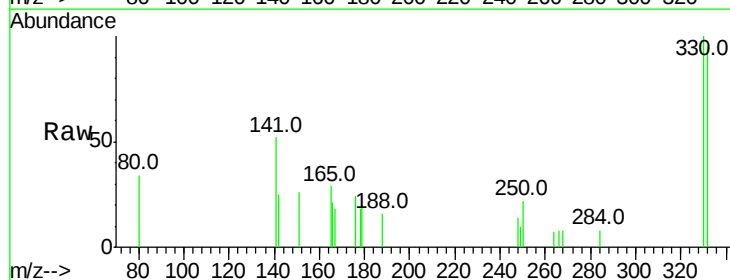
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW-7MS

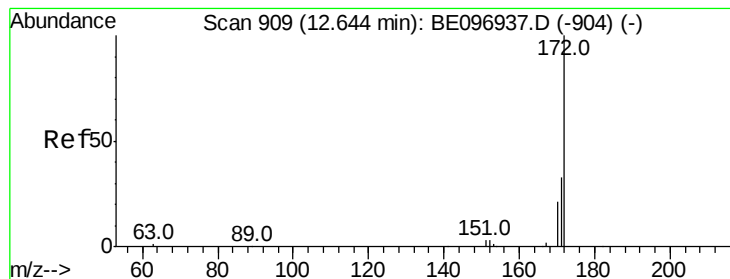
Tot Ion:164 Resp: 4276
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.1 124.7
 160 52.5 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.796 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BE097036.D
 Acq: 23 Jul 2018 14:06

Tgt Ion:330 Resp: 852
 Ion Ratio Lower Upper
 330 100
 332 95.2 152.7 229.1#
 141 61.5 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.696 ng

RT: 12.63 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

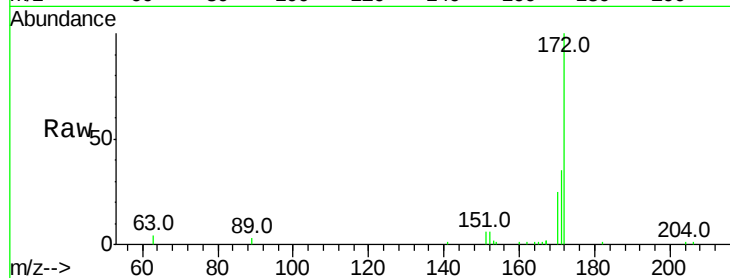
Tot Ion:172 Resp: 11067

Ion Ratio Lower Upper

172 100

171 35.3 29.9 44.9

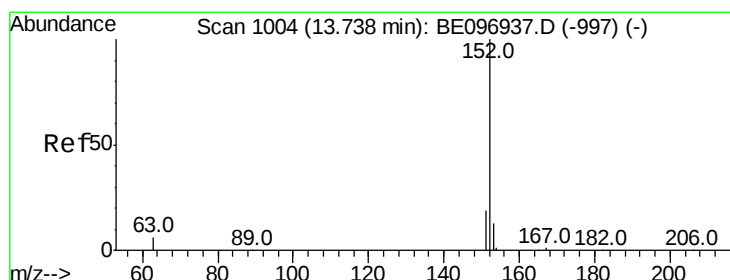
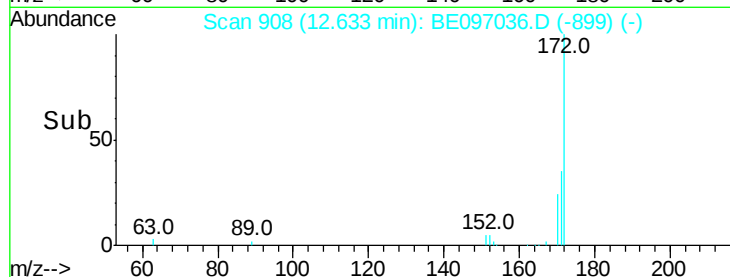
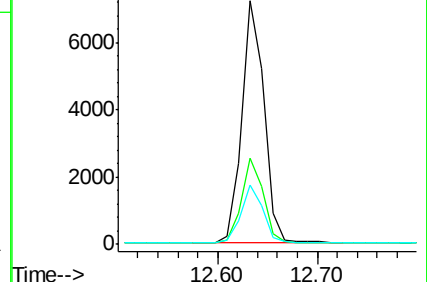
170 24.6 21.8 32.8



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



#16

Acenaphthylene

Concen: 0.315 ng

RT: 13.73 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

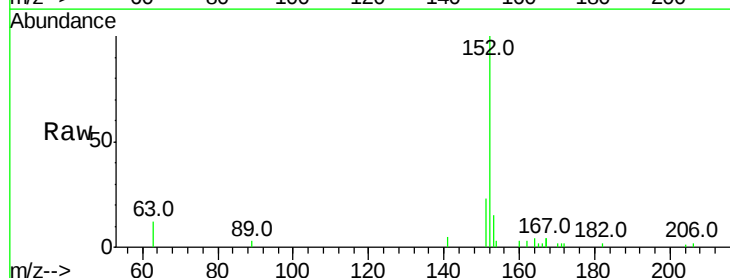
Tgt Ion:152 Resp: 6153

Ion Ratio Lower Upper

152 100

151 21.8 15.7 23.5

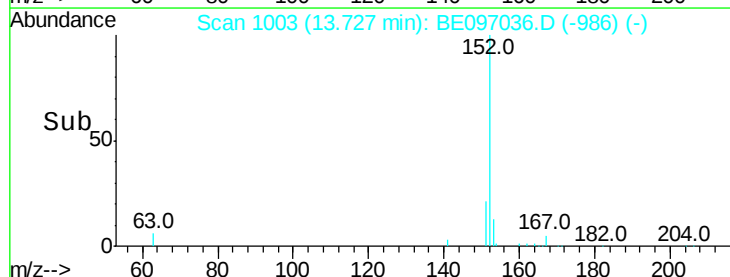
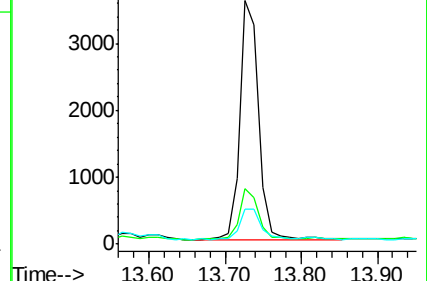
153 14.4 10.5 15.7

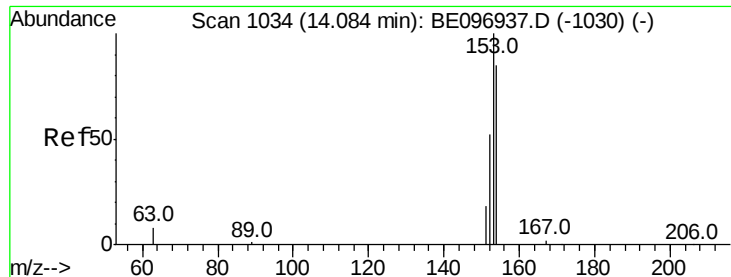


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.359 ng

RT: 14.08 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

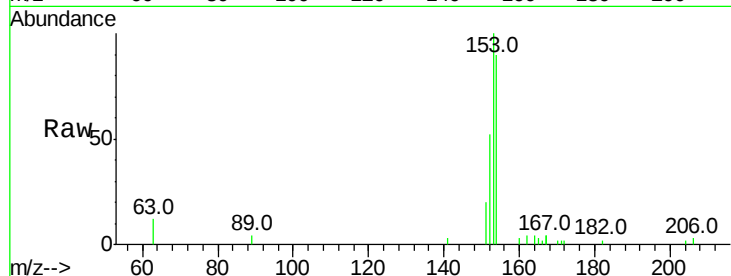
Tot Ion:154 Resp: 4355

Ion Ratio Lower Upper

154 100

153 112.9 89.2 133.8

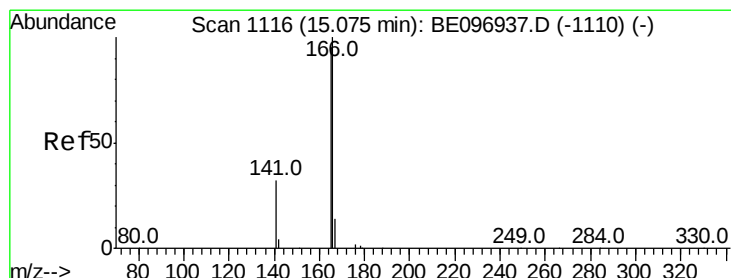
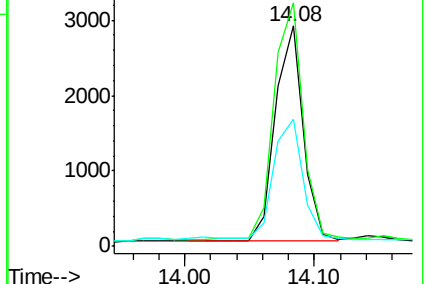
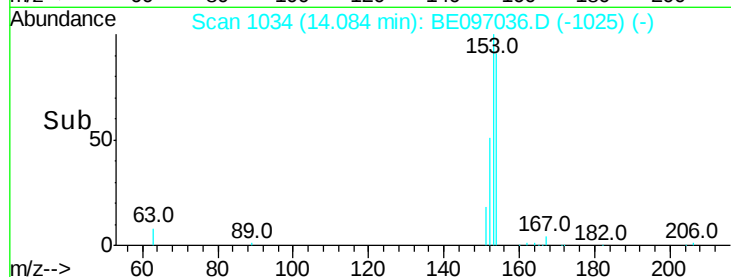
152 58.4 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.462 ng

RT: 15.07 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

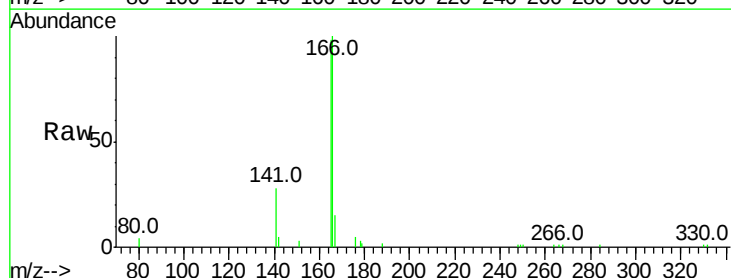
Tgt Ion:166 Resp: 6300

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.6

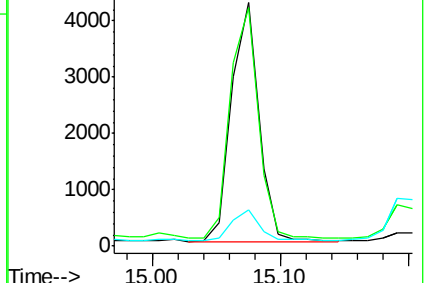
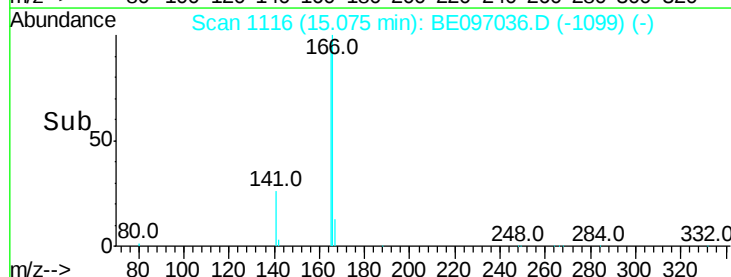
167 13.8 42.4 63.6#

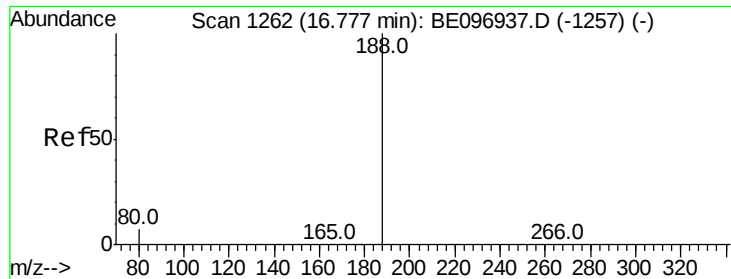


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

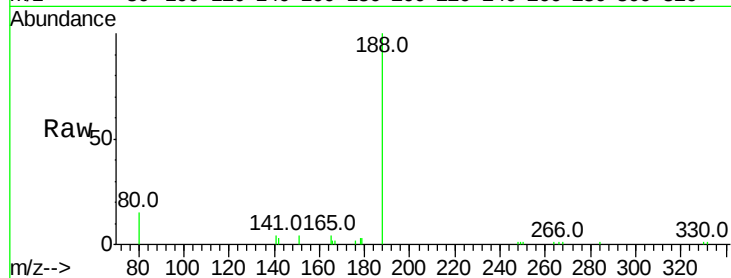
Tot Ion:188 Resp: 11361

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

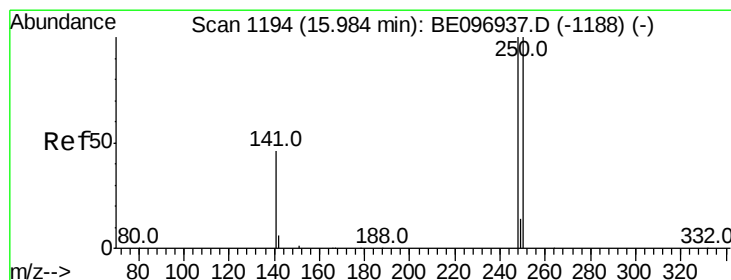
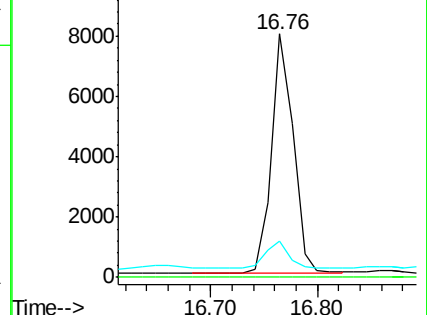
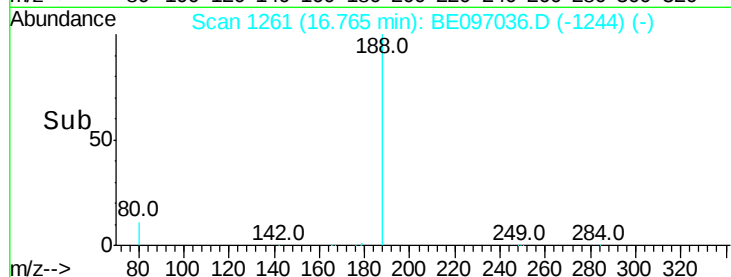
80 14.9 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.321 ng

RT: 15.97 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

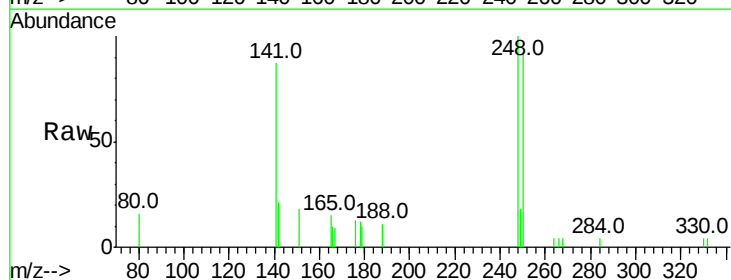
Tgt Ion:248 Resp: 1725

Ion Ratio Lower Upper

248 100

250 92.1 62.7 94.1

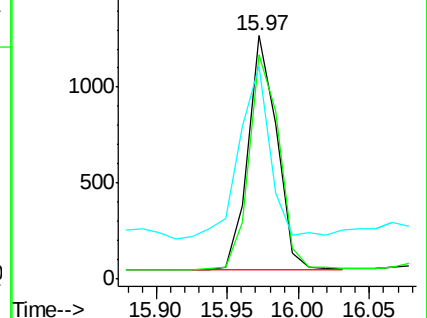
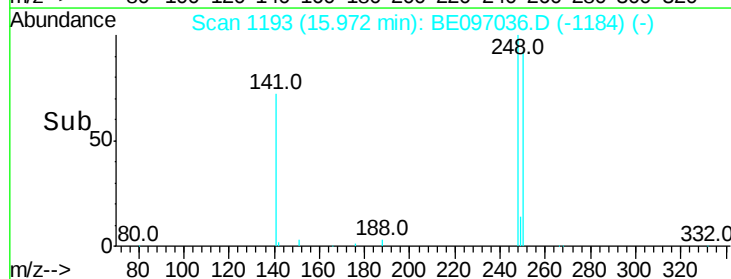
141 87.5 48.2 72.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.281 ng

RT: 16.08 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

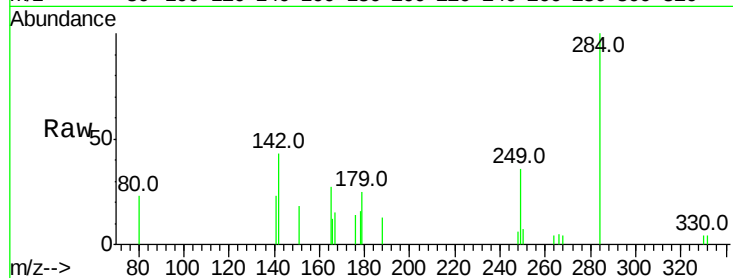
Tot Ion:284 Resp: 1678

Ion Ratio Lower Upper

284 100

142 41.7 22.1 33.1#

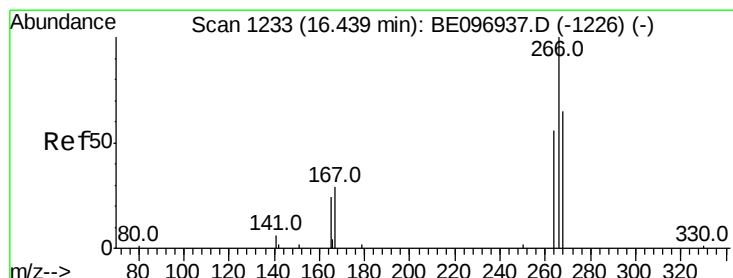
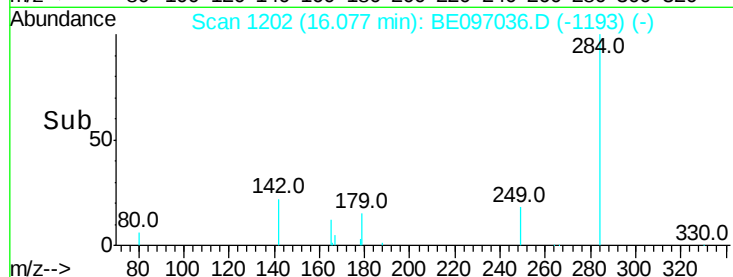
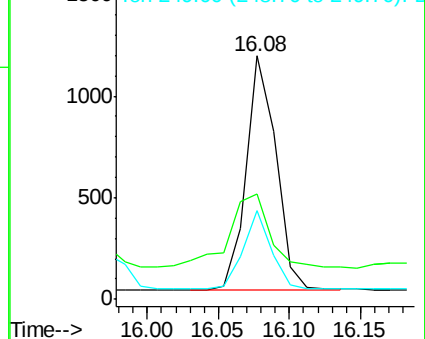
249 31.6 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.419 ng

RT: 16.43 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

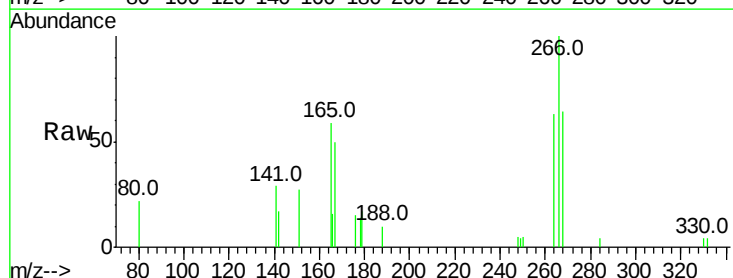
Tgt Ion:266 Resp: 1871

Ion Ratio Lower Upper

266 100

264 62.9 72.5 108.7#

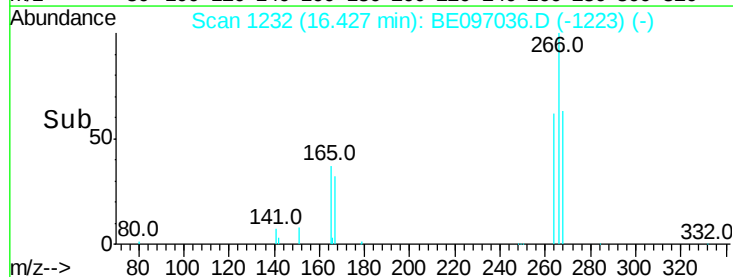
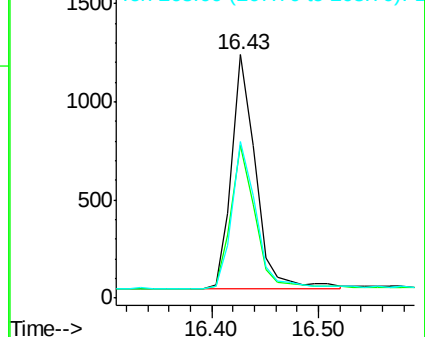
268 64.2 73.8 110.6#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

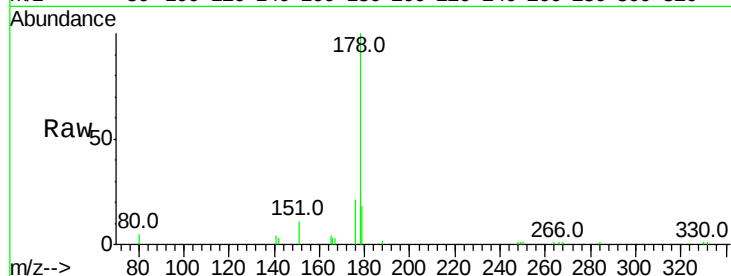
Tot Ion:178 Resp: 10304

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

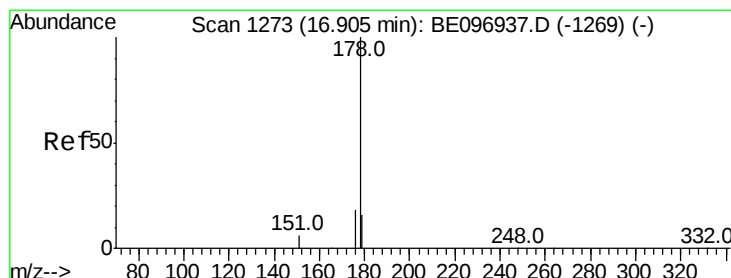
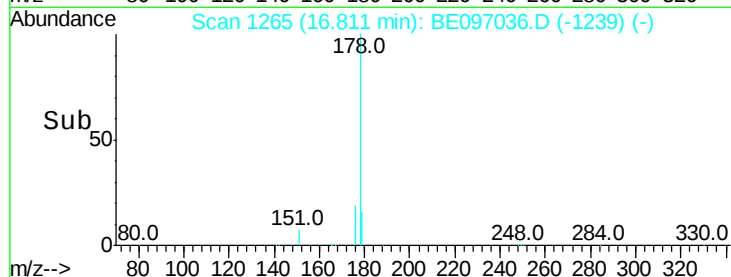
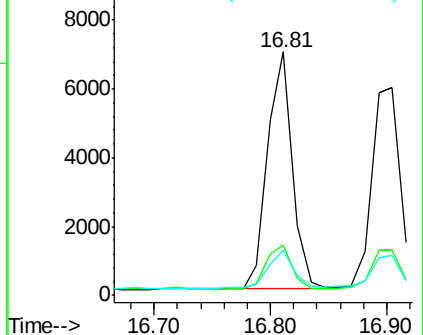
179 17.0 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.421 ng

RT: 16.90 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

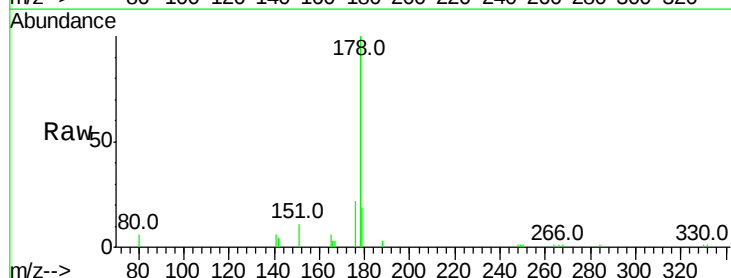
Tgt Ion:178 Resp: 9970

Ion Ratio Lower Upper

178 100

176 20.3 12.8 19.2#

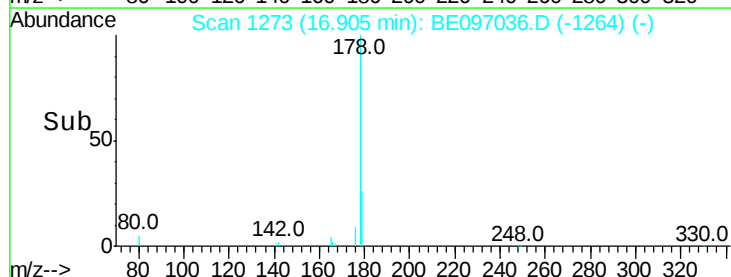
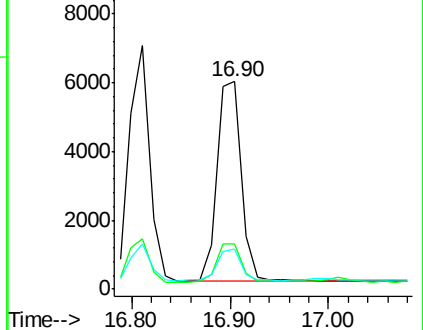
179 15.6 13.0 19.6

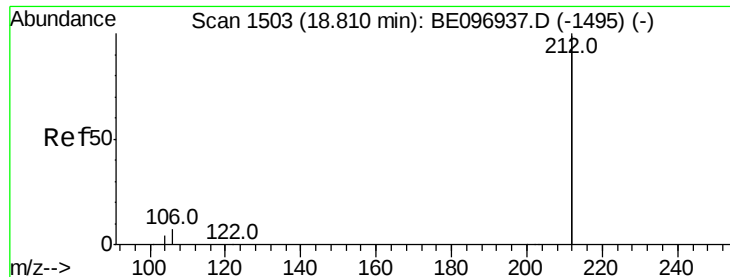


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

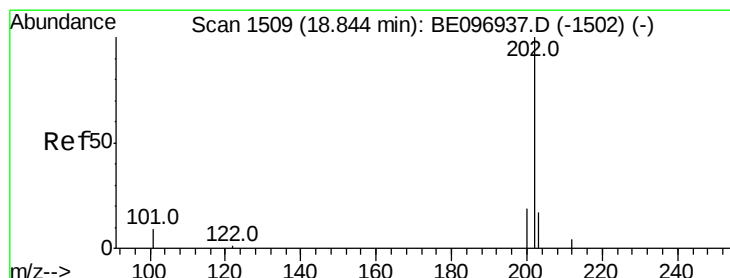
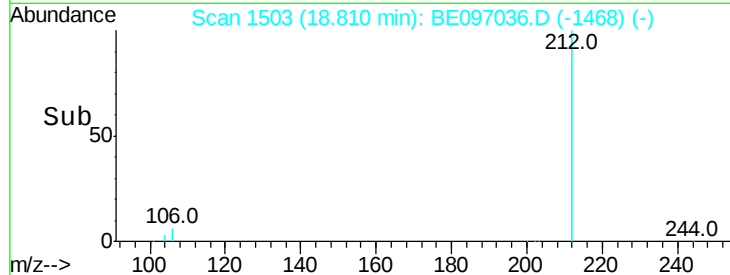
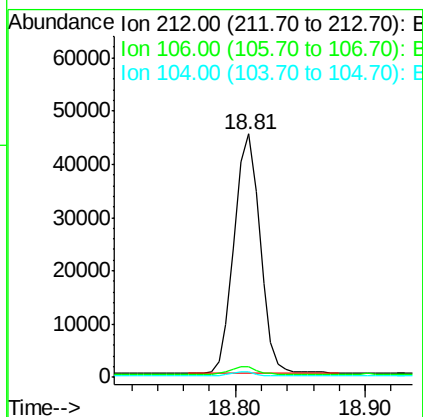
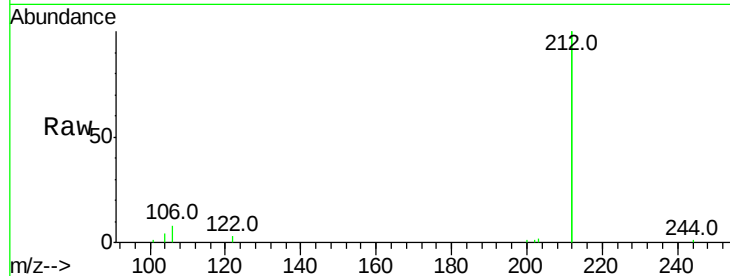




#25
Fluoranthene-d10
Concen: 0.633 ng
RT: 18.81 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BE097036.D
Acq: 23 Jul 2018 14:06

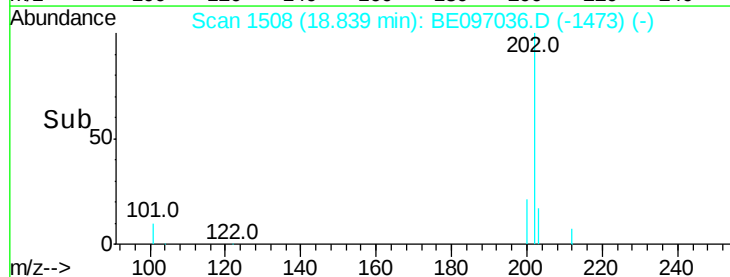
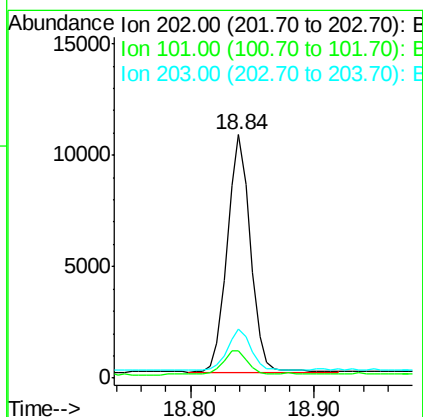
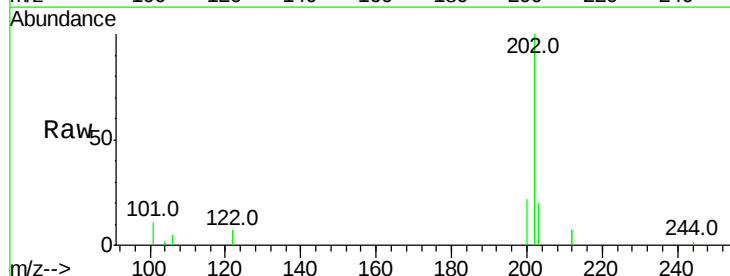
Instrument :
BNA_E
ClientSampleId :
YT-MW-7MS

Tot Ion:212 Resp: 62621
Ion Ratio Lower Upper
212 100
106 3.2 2.8 4.2
104 1.8 1.6 2.4



#26
Fluoranthene
Concen: 0.485 ng
RT: 18.84 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BE097036.D
Acq: 23 Jul 2018 14:06

Tgt Ion:202 Resp: 13922
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
203 17.0 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

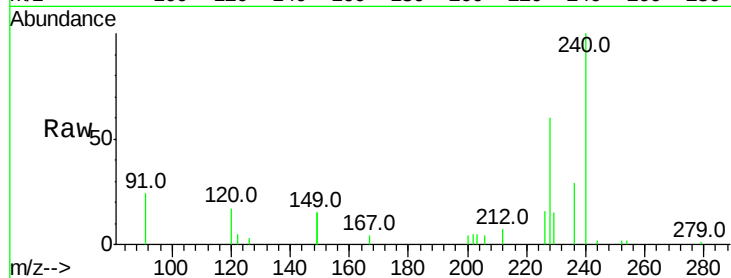
Tot Ion:240 Resp: 14076

Ion Ratio Lower Upper

240 100

120 16.6 5.5 8.3#

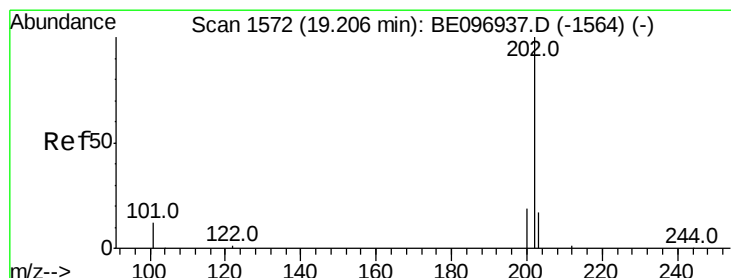
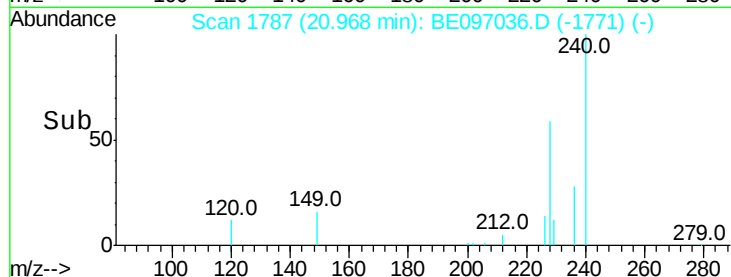
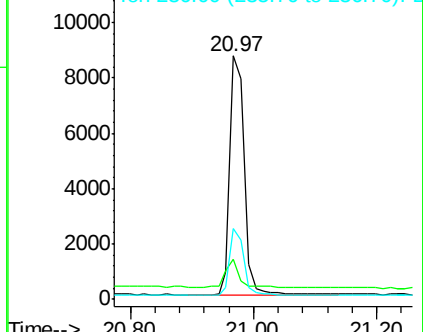
236 29.3 20.7 31.1



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



#28

Pyrene

Concen: 0.342 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

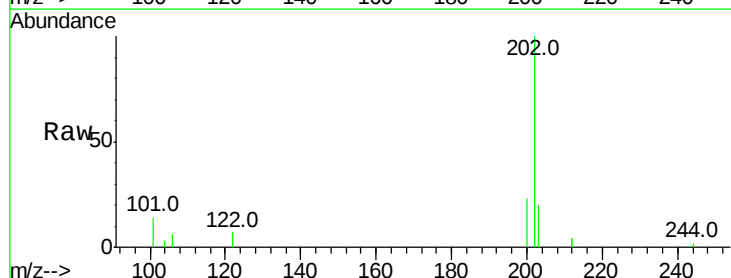
Tgt Ion:202 Resp: 14202

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

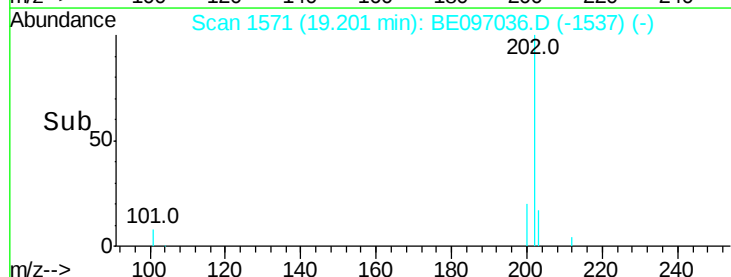
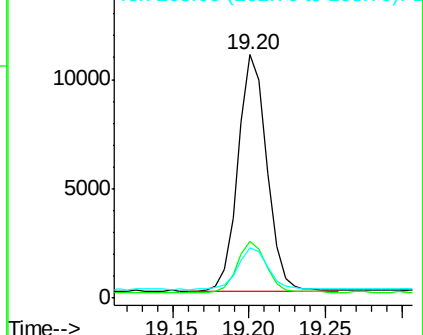
203 19.2 13.8 20.8

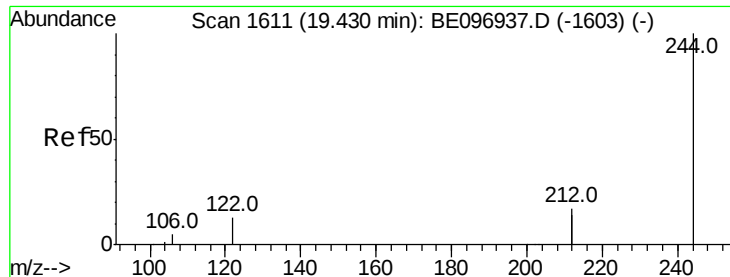


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.503 ng

RT: 19.42 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

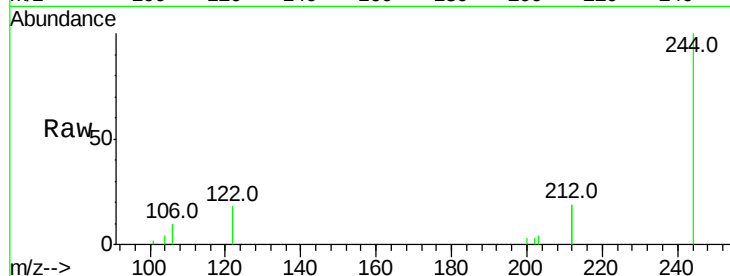
Tot Ion:244 Resp: 13665

Ion Ratio Lower Upper

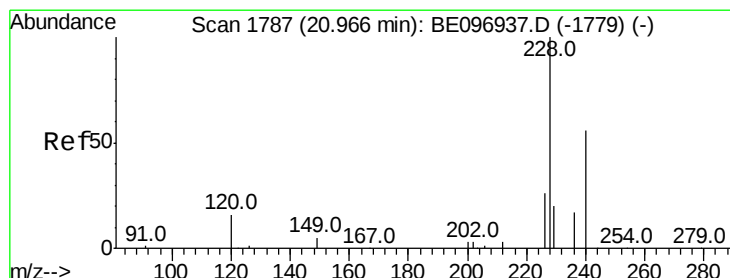
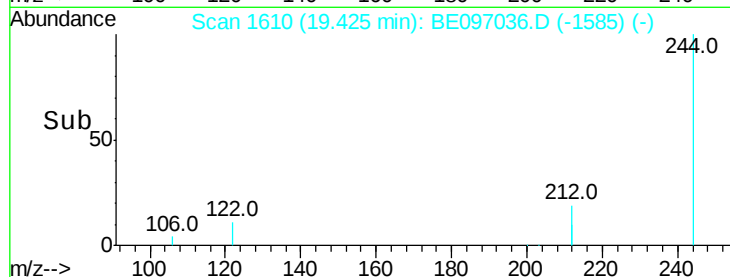
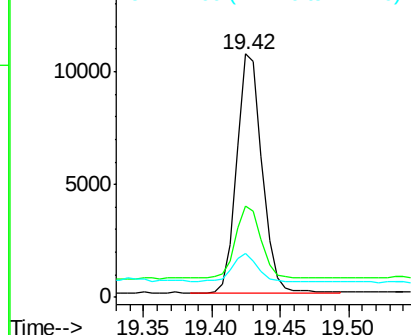
244 100

212 37.6 25.4 38.0

122 18.0 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



#30

Benzo(a)anthracene

Concen: 0.420 ng

RT: 20.96 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

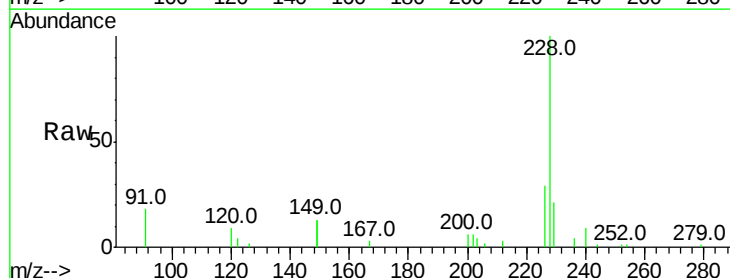
Tgt Ion:228 Resp: 14085

Ion Ratio Lower Upper

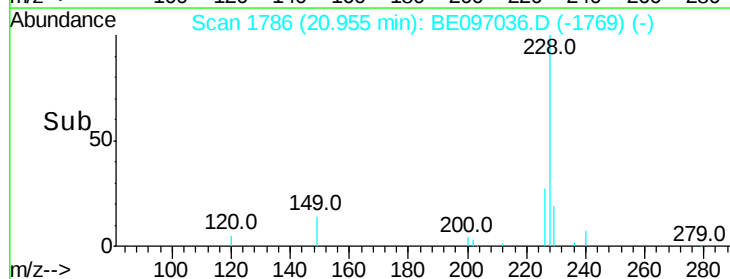
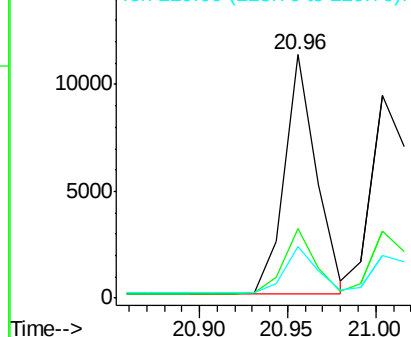
228 100

226 28.8 24.0 36.0

229 21.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.364 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

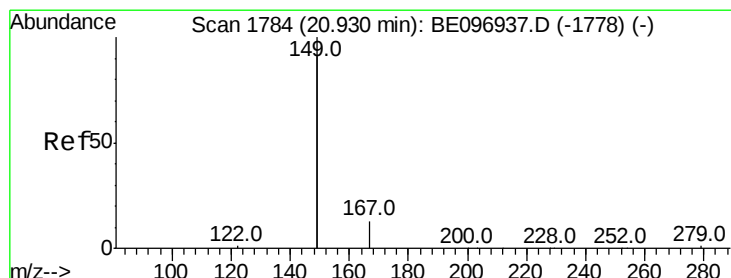
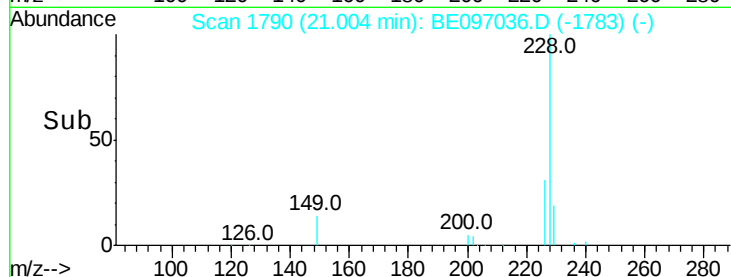
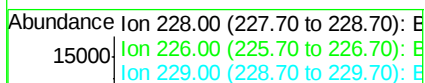
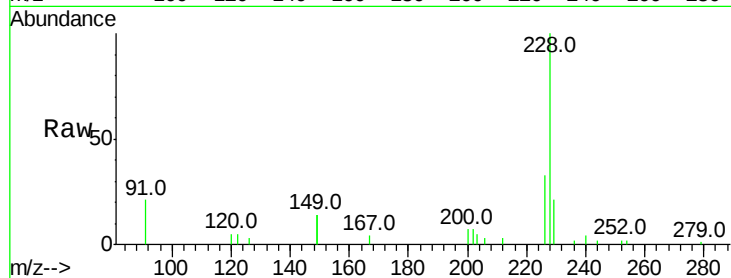
Tot Ion:228 Resp: 13701

Ion Ratio Lower Upper

228 100

226 32.7 24.0 36.0

229 21.0 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.177 ng

RT: 20.92 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

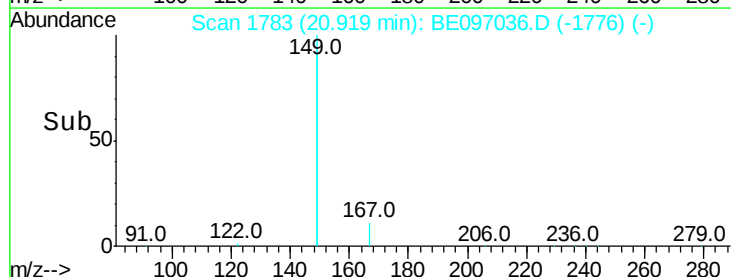
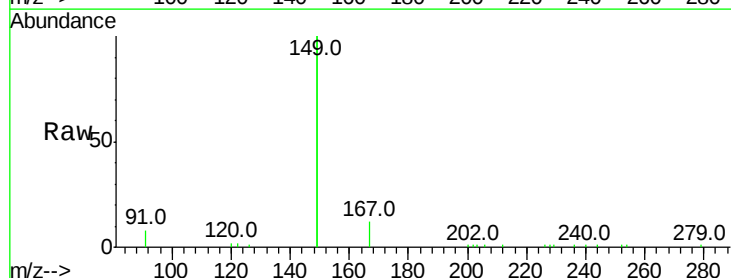
Tgt Ion:149 Resp: 72825

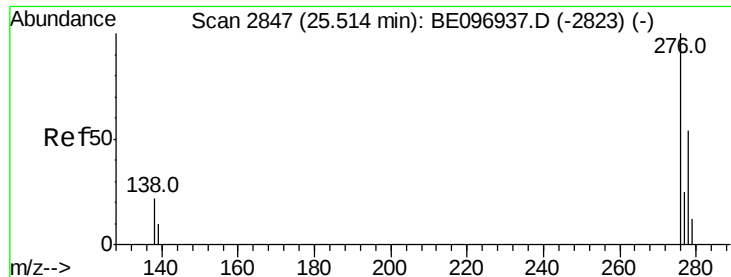
Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

279 1.0 0.7 1.1





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.417 ng

RT: 25.50 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

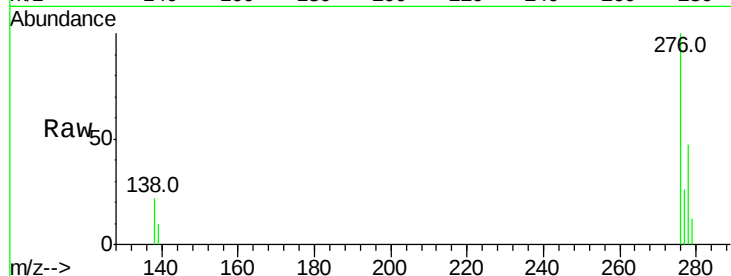
Tot Ion:276 Resp: 11428

Ion Ratio Lower Upper

276 100

138 22.1 22.5 33.7#

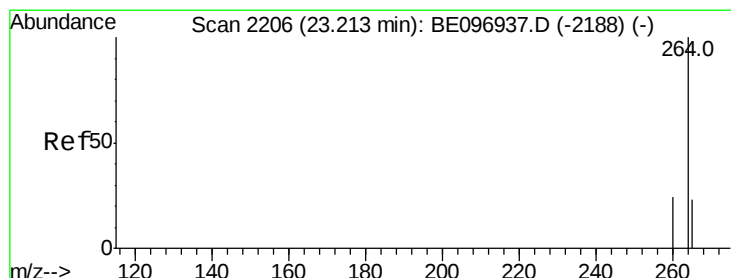
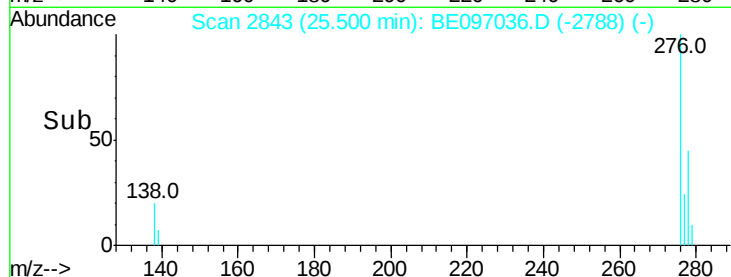
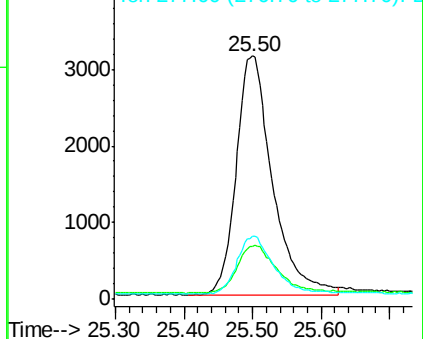
277 25.3 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

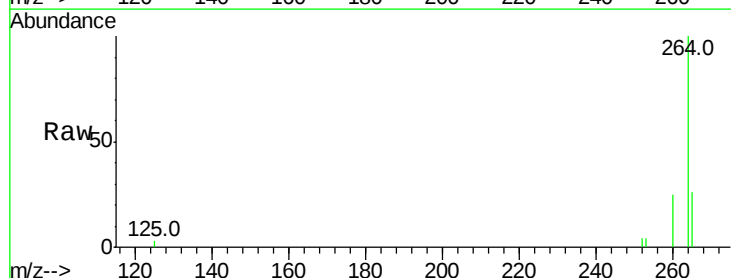
Tgt Ion:264 Resp: 12591

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

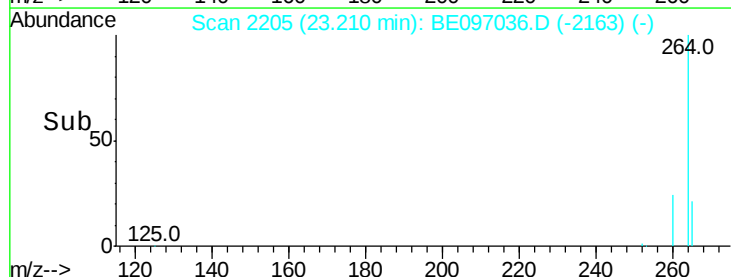
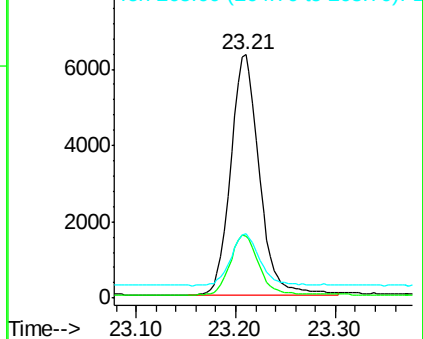
265 26.4 22.8 34.2

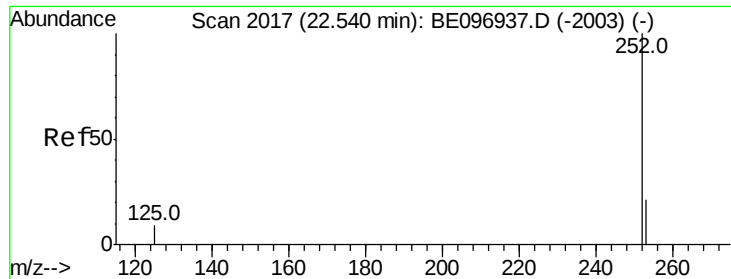


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

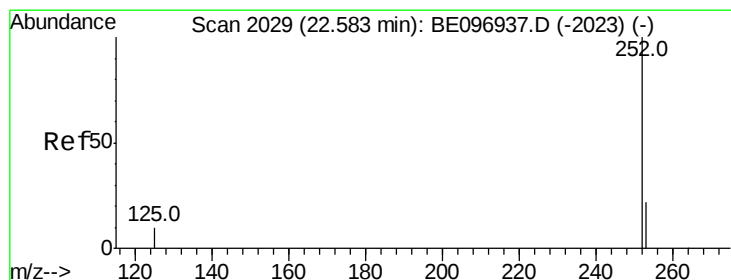
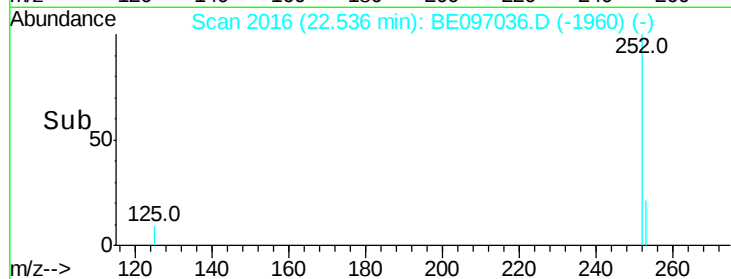
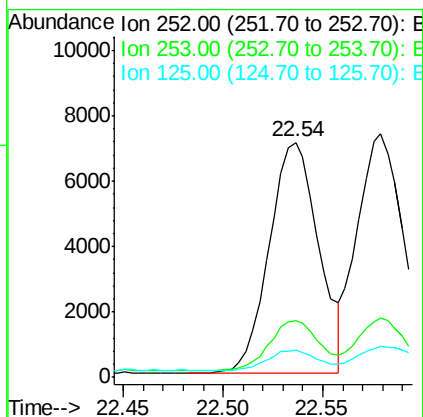
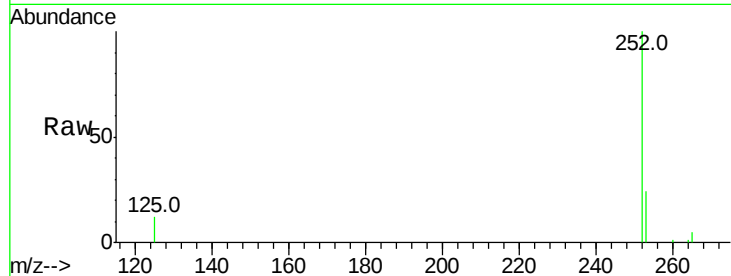




#35
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BE097036.D
Acq: 23 Jul 2018 14:06

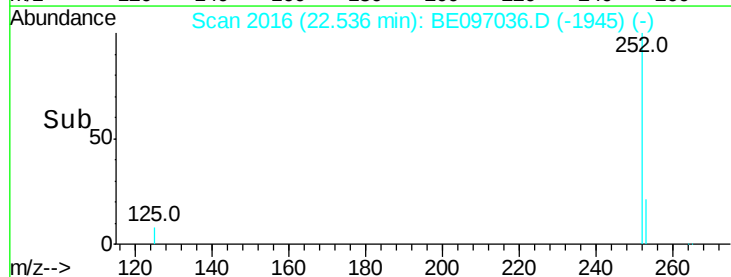
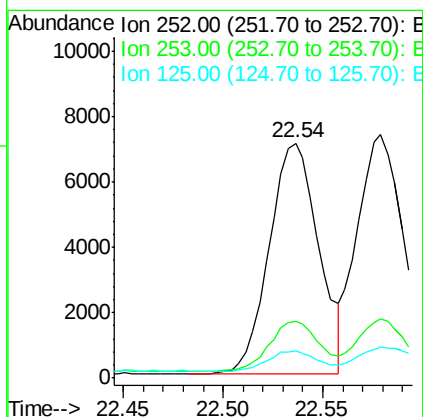
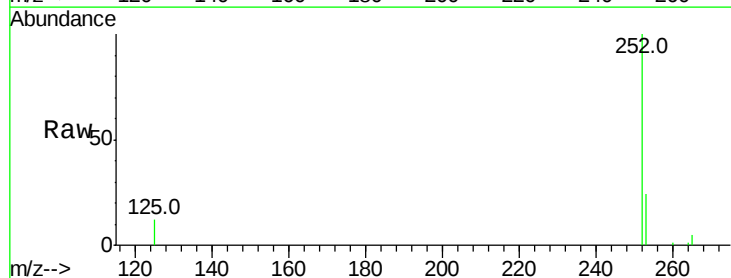
Instrument :
BNA_E
ClientSampleId :
YT-MW-7MS

Tot Ion:252 Resp: 12122
Ion Ratio Lower Upper
252 100
253 24.0 20.0 30.0
125 11.7 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.317 ng
RT: 22.54 min Scan# 2016
Delta R.T. -0.05 min
Lab File: BE097036.D
Acq: 23 Jul 2018 14:06

Tgt Ion:252 Resp: 12122
Ion Ratio Lower Upper
252 100
253 24.0 16.0 24.0
125 11.7 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.11 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

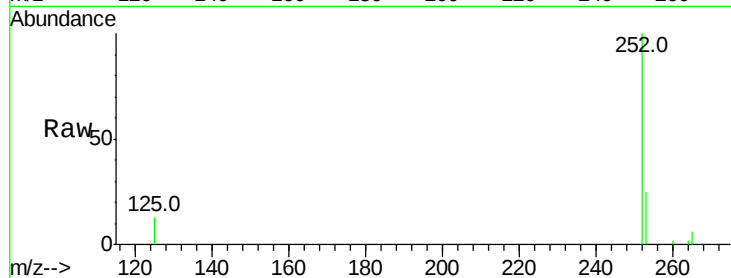
Tot Ion:252 Resp: 10982

Ion Ratio Lower Upper

252 100

253 24.6 16.0 24.0#

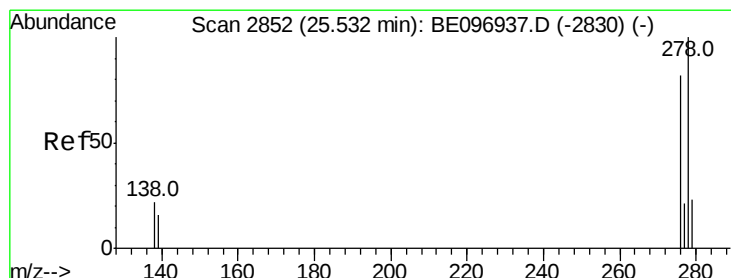
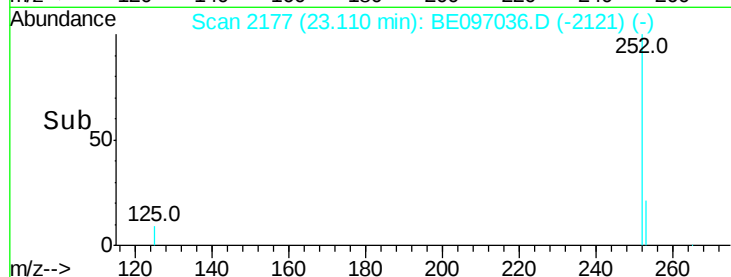
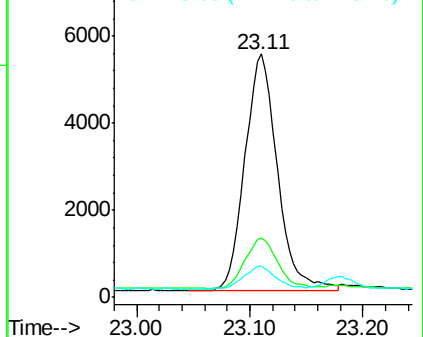
125 12.7 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.420 ng

RT: 25.52 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

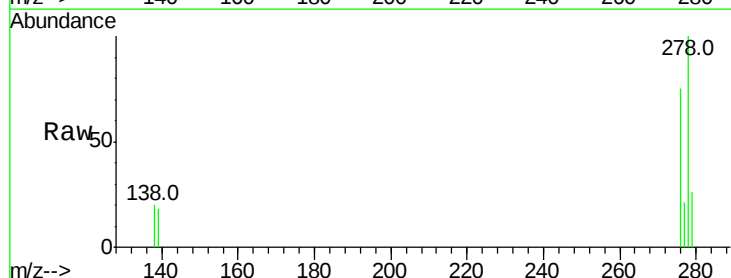
Tgt Ion:278 Resp: 9503

Ion Ratio Lower Upper

278 100

139 17.6 16.0 24.0

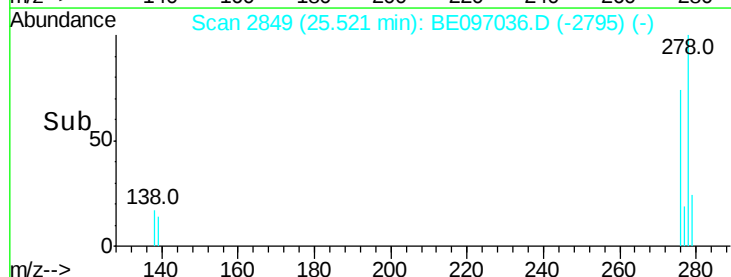
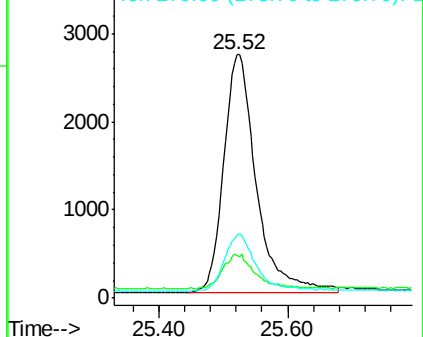
279 25.9 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.388 ng

RT: 26.19 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BE097036.D

Acq: 23 Jul 2018 14:06

Instrument :

BNA_E

ClientSampleId :

YT-MW-7MS

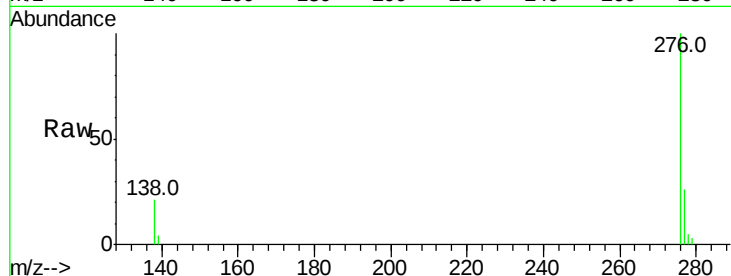
Tot Ion:276 Resp: 10148

Ion Ratio Lower Upper

276 100

277 25.5 16.0 24.0#

138 21.3 20.0 30.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

