

Data File : BE097664.D
Acq On : 25 Sep 2018 19:08
Operator : SJ/JU
Sample : J5033-16MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Quant Time: Sep 26 07:36:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 18:40:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	806	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3534	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	1927	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5581	0.40	ng	0.00
27) Chrysene-d12	20.97	240	8452	0.40	ng	0.00
34) Perylene-d12	23.20	264	8195	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	430	0.20	ng	0.01
5) Phenol-d6	6.64	99	258	0.09	ng	0.02
8) Nitrobenzene-d5	8.54	82	1149	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2797	0.53	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	350	0.44	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	4252	0.68	ng	-0.01
25) Fluoranthene-d10	18.80	212	33719	0.55	ng	0.00
29) Terphenyl-d14	19.41	244	9357	0.56	ng	0.00

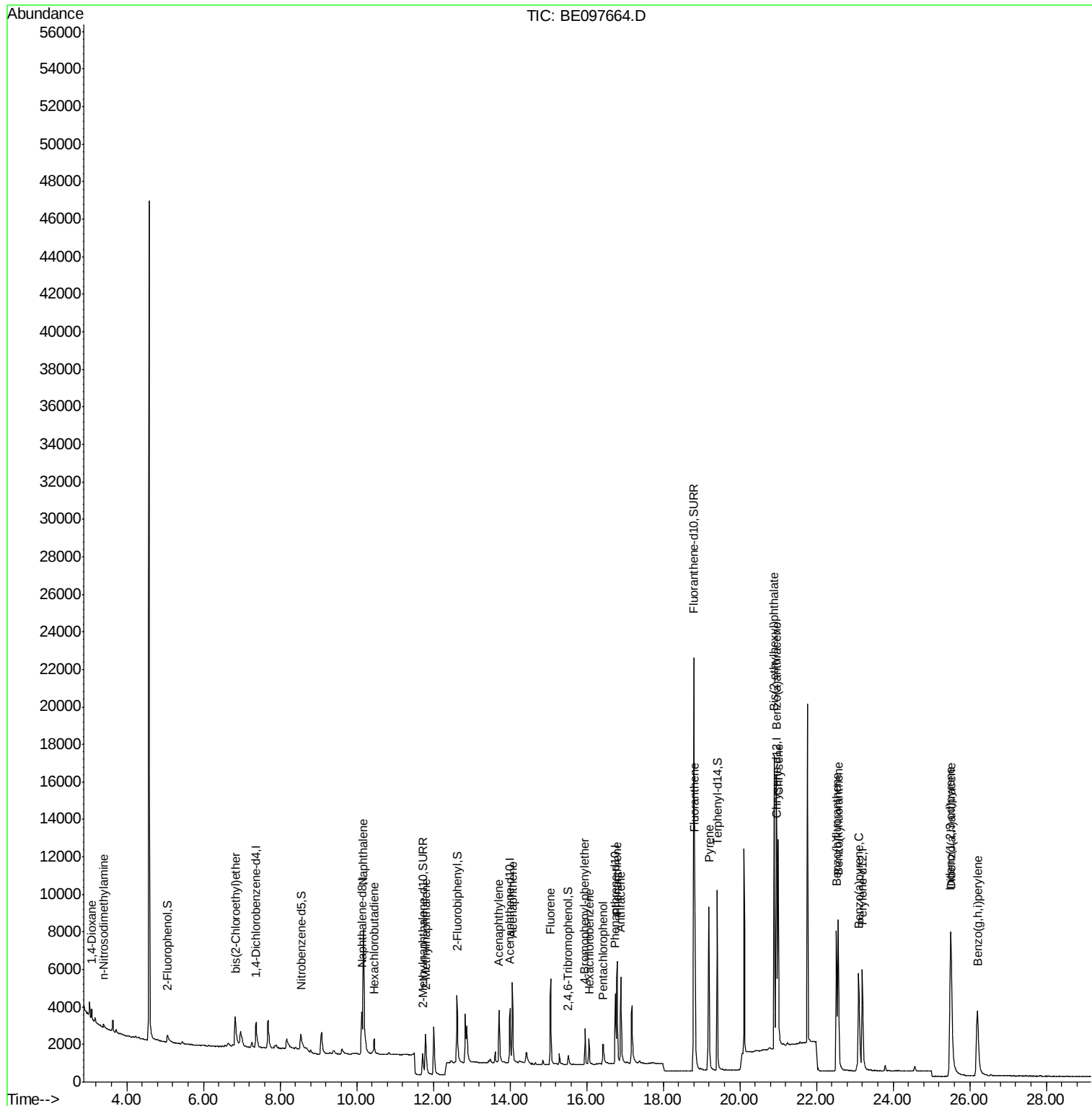
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	356	0.242	ng	# 75
3) n-Nitrosodimethylamine	3.38	42	213	0.267	ng	97
6) bis(2-Chloroethyl)ether	6.84	93	1068	0.427	ng	87
9) Naphthalene	10.17	128	15430	0.480	ng	99
10) Hexachlorobutadiene	10.46	225	588	0.402	ng	98
12) 2-Methylnaphthalene	11.79	142	2421	0.476	ng	100
16) Acenaphthylene	13.72	152	3729	0.481	ng	100
17) Acenaphthene	14.06	154	2352	0.465	ng	95
18) Fluorene	15.06	166	3280	0.461	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1115	0.451	ng	# 86
21) Hexachlorobenzene	16.07	284	1173	0.411	ng	# 84
22) Pentachlorophenol	16.44	266	911	1.289	ng	# 74
23) Phenanthrene	16.80	178	6725	0.509	ng	99
24) Anthracene	16.89	178	5909	0.539	ng	96
26) Fluoranthene	18.83	202	9294	0.587	ng	99
28) Pyrene	19.20	202	9619	0.436	ng	99
30) Benzo(a)anthracene	20.95	228	10751	0.538	ng	95
31) Chrysene	21.00	228	10771	0.461	ng	99
32) Bis(2-ethylhexyl)phthalate	20.89	149	16277	0.713	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.50	276	12433	0.505	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	10212	0.487	ng	# 89
36) Benzo(k)fluoranthene	22.57	252	12204	0.492	ng	95
37) Benzo(a)pyrene	23.10	252	10235	0.495	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	10339	0.475	ng	# 94
39) Benzo(g,h,i)perylene	26.20	276	9963	0.460	ng	# 90

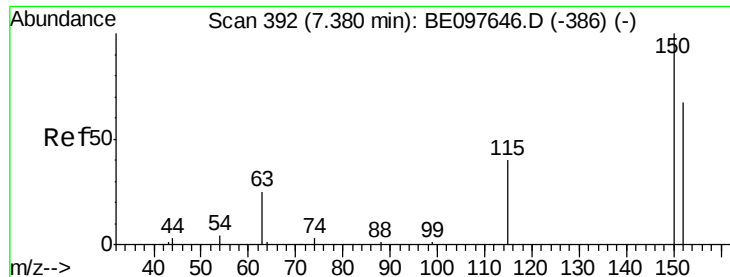
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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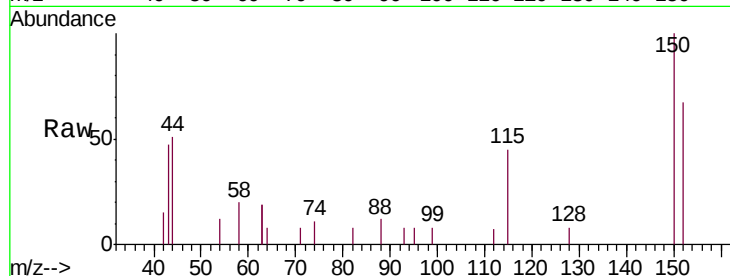


#1

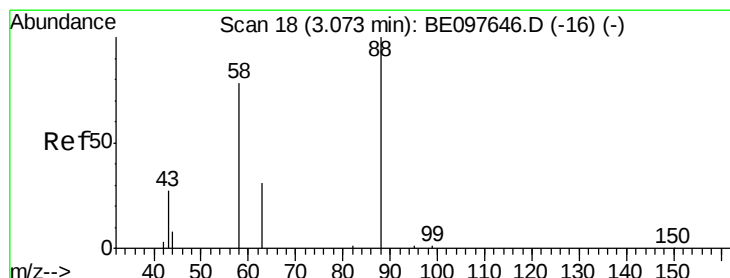
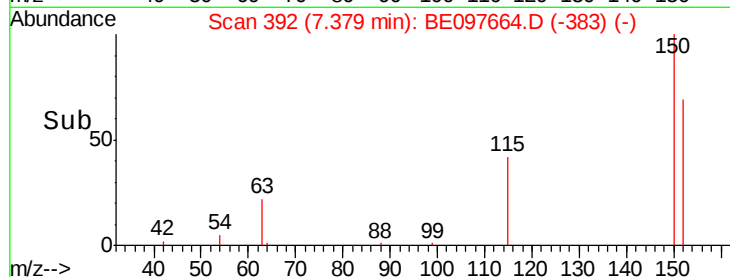
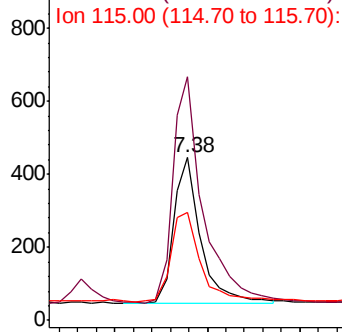
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tgt Ion:152 Resp: 806
Ion Ratio Lower Upper
152 100
150 149.9 117.2 175.8
115 66.7 57.0 85.6



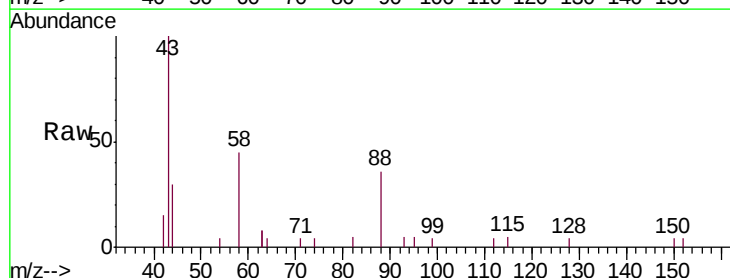
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



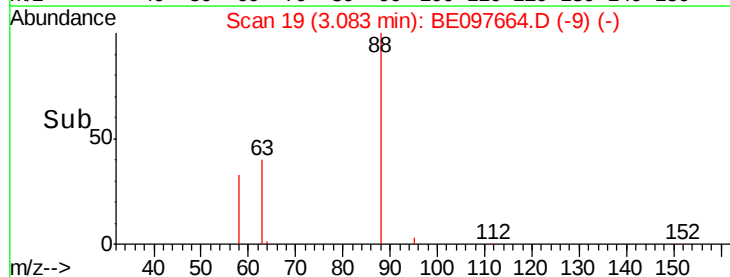
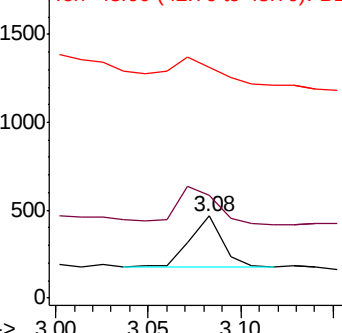
#2

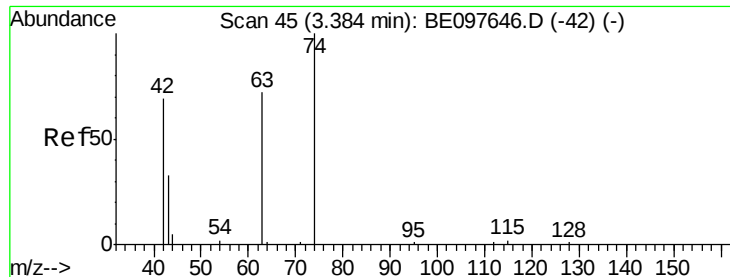
1,4-Dioxane
Concen: 0.242 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Tgt Ion: 88 Resp: 356
Ion Ratio Lower Upper
88 100
58 93.3 63.2 94.8
43 78.1 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: 0.267 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS

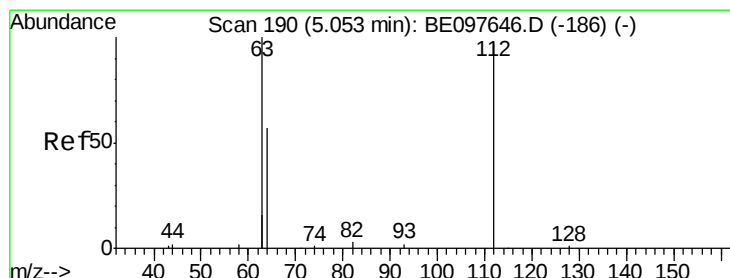
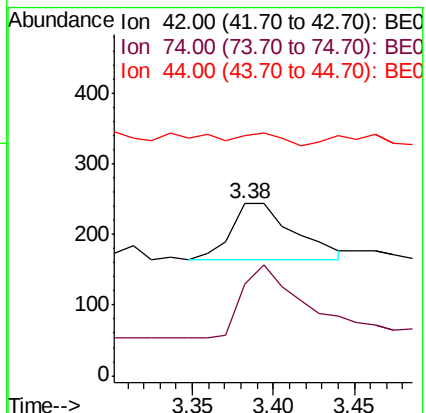
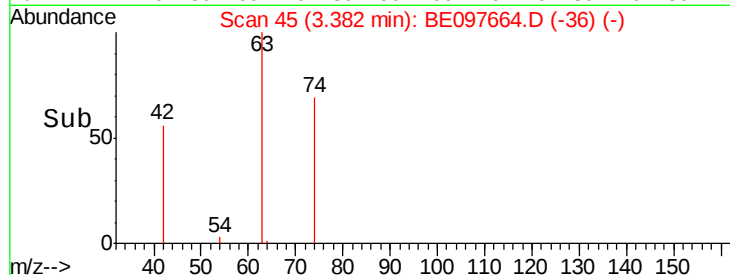
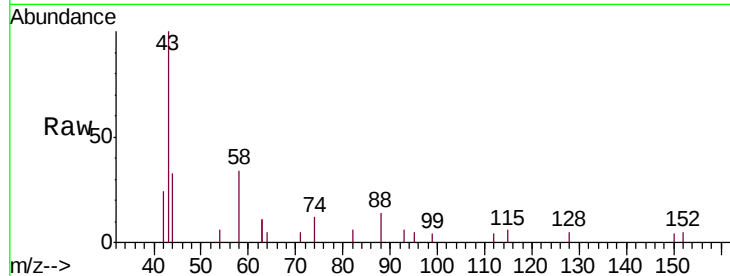
Tgt Ion: 42 Resp: 213

Ion Ratio Lower Upper

42 100

74 123.5 96.0 144.0

44 14.1 12.0 18.0



#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

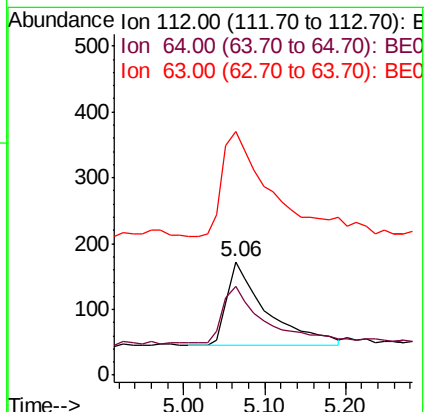
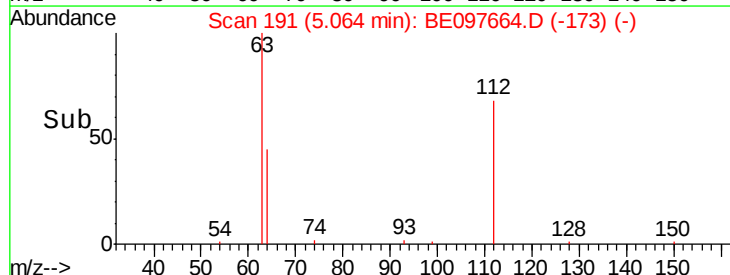
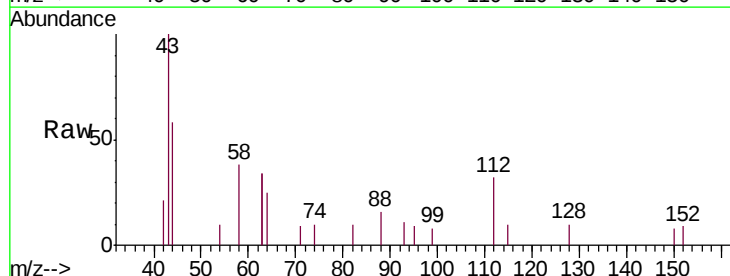
Tgt Ion: 112 Resp: 430

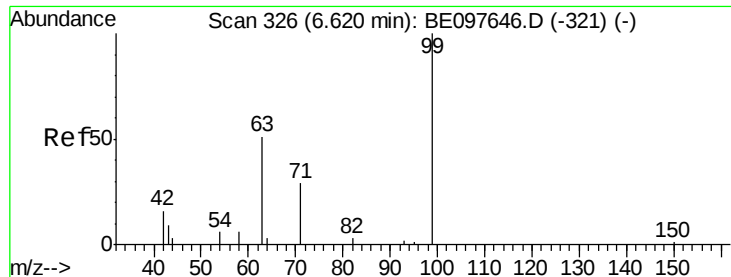
Ion Ratio Lower Upper

112 100

64 69.8 60.1 90.1

63 155.8 116.8 175.2





#5

Phenol-d6

Concen: 0.086 ng

RT: 6.64 min Scan# 328

Delta R.T. 0.02 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS

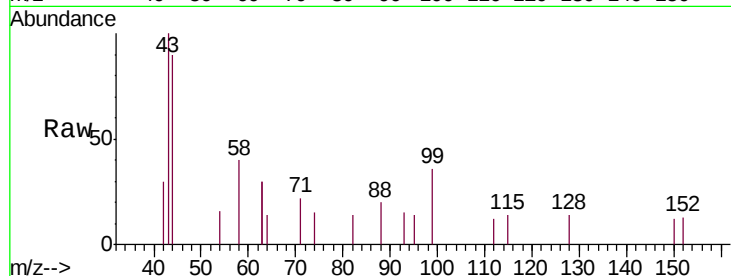
Tgt Ion: 99 Resp: 258

Ion Ratio Lower Upper

99 100

42 21.3 20.2 30.2

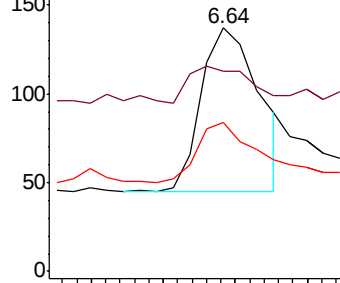
71 35.3 28.4 42.6



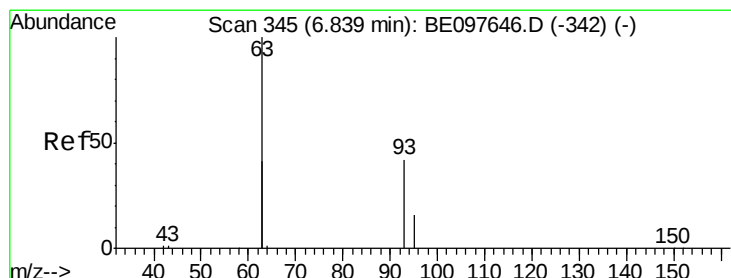
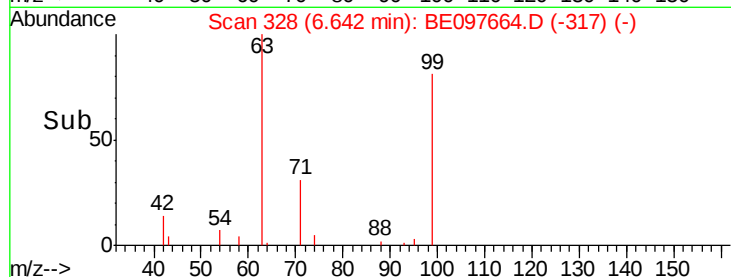
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.427 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

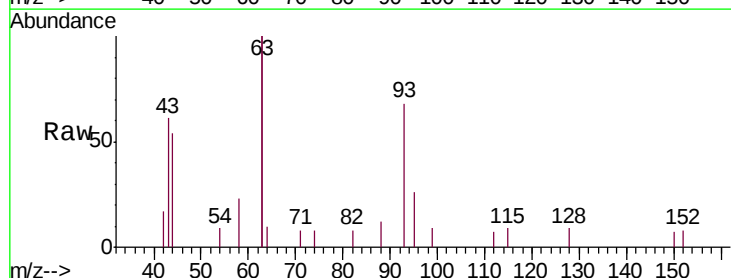
Tgt Ion: 93 Resp: 1068

Ion Ratio Lower Upper

93 100

63 314.6 275.3 412.9

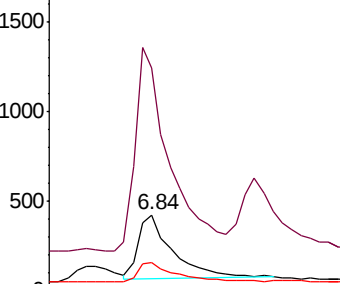
95 33.8 25.2 37.8



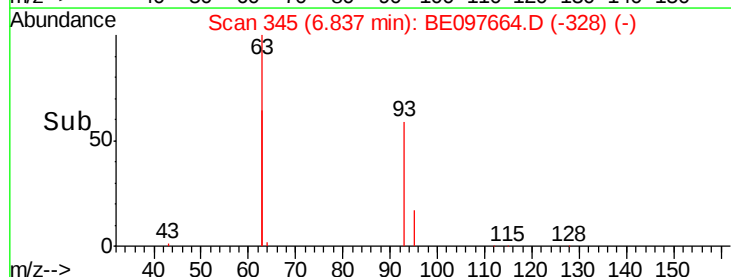
Abundance Ion 93.00 (92.70 to 93.70): BE0

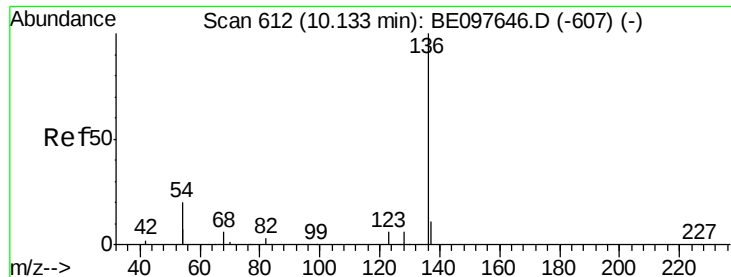
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

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Tgt Ion: 136 Resp: 3534

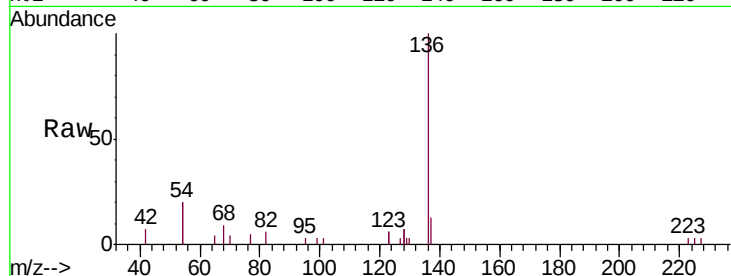
Ion Ratio Lower Upper

136 100

137 13.5 9.5 14.3

54 39.4 29.1 43.7

68 9.2 6.2 9.2

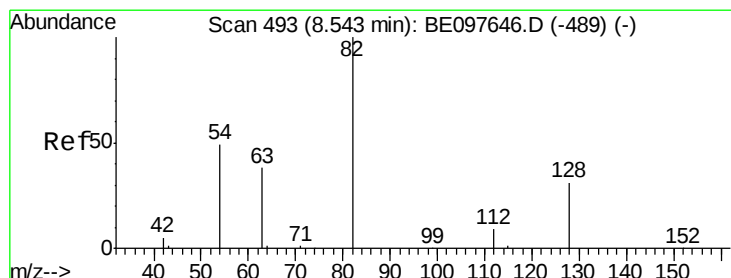
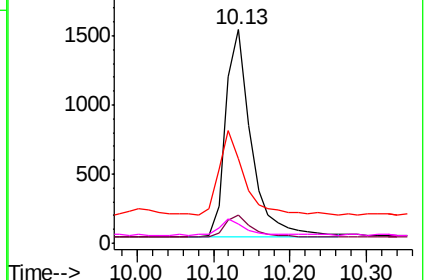
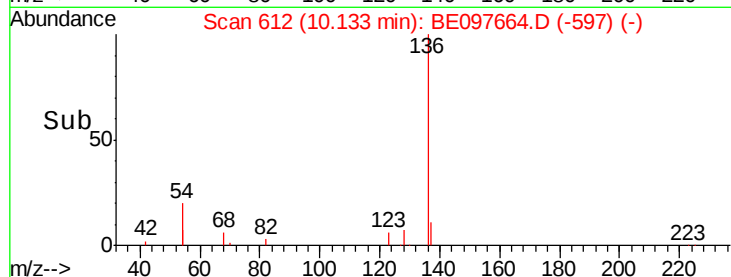


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.511 ng

RT: 8.54 min Scan# 493

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

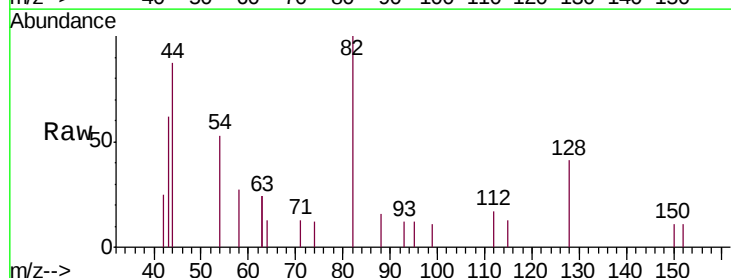
Tgt Ion: 82 Resp: 1149

Ion Ratio Lower Upper

82 100

128 41.2 24.0 36.0#

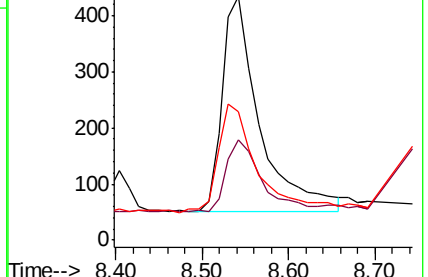
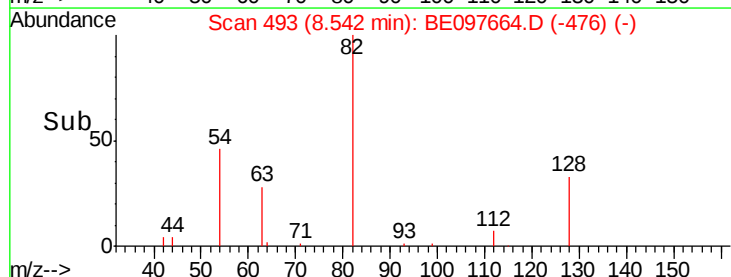
54 52.5 40.0 60.0

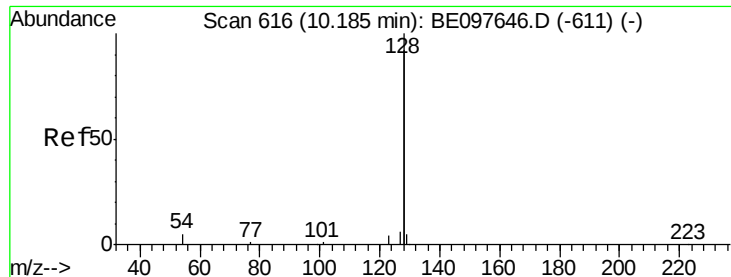


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.480 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.01 min

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BPSI-TT-MW311I-20180919MS

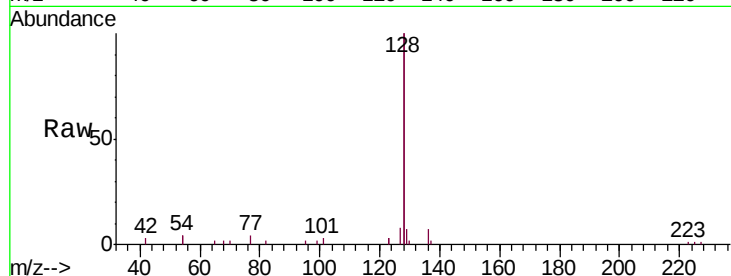
Tgt Ion:128 Resp: 15430

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

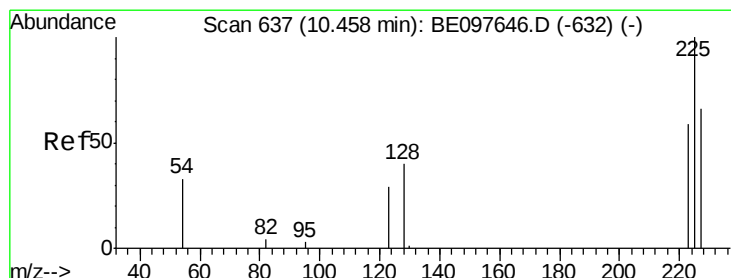
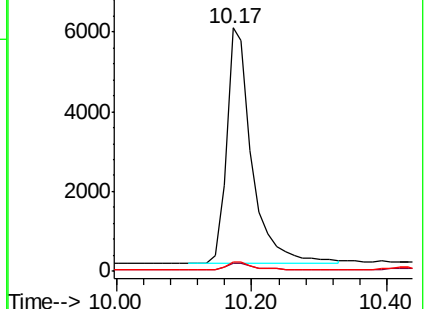
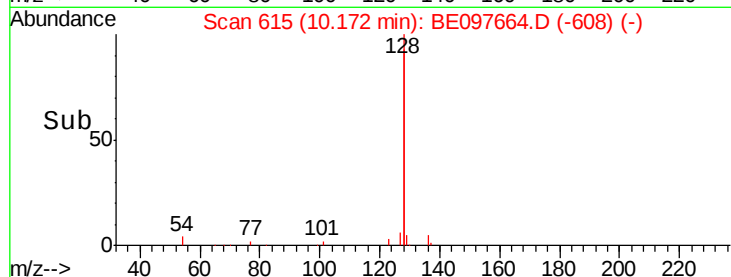
127 3.9 2.8 4.2



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



#10

Hexachlorobutadiene

Concen: 0.402 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

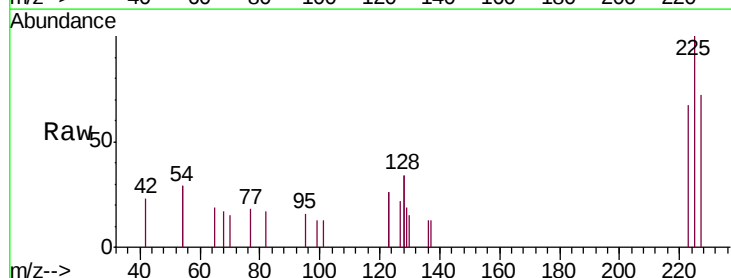
Tgt Ion:225 Resp: 588

Ion Ratio Lower Upper

225 100

223 64.1 53.0 79.6

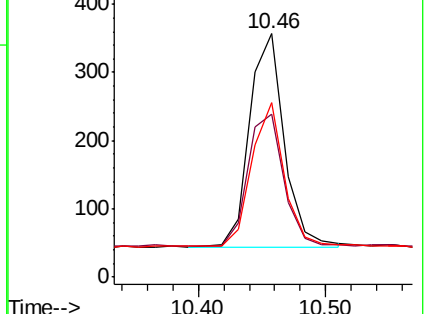
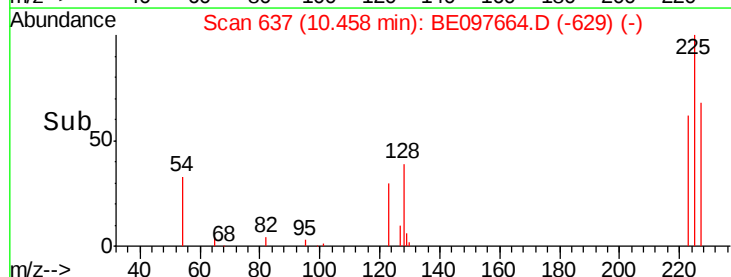
227 62.8 51.4 77.2

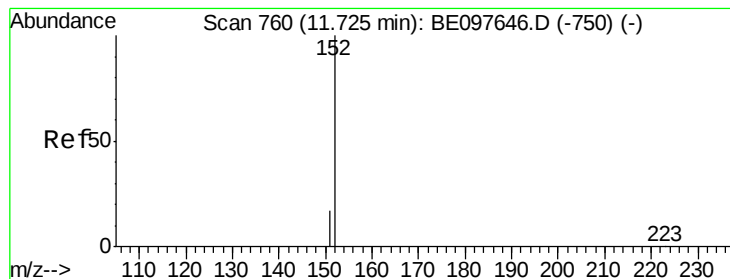


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.534 ng

RT: 11.72 min Scan# 759

Delta R.T. -0.01 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

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ClientSampleId :

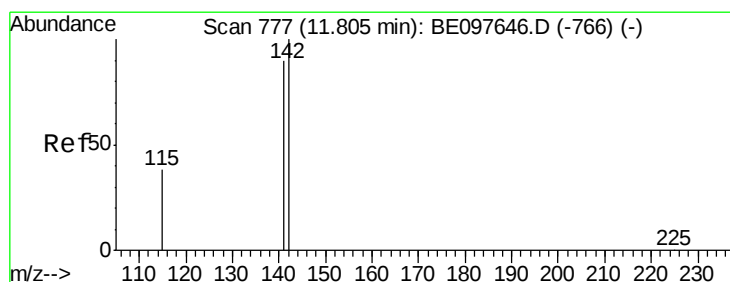
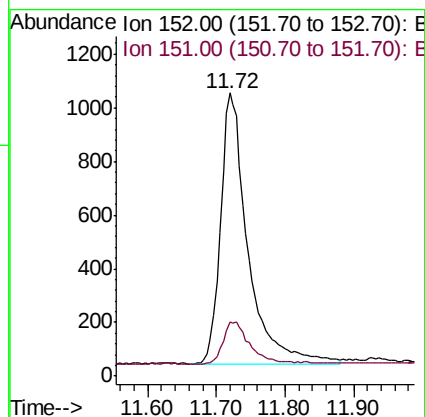
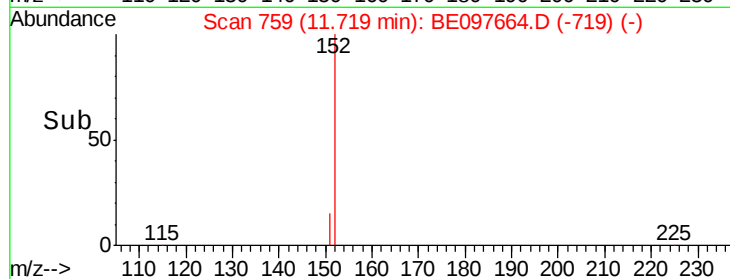
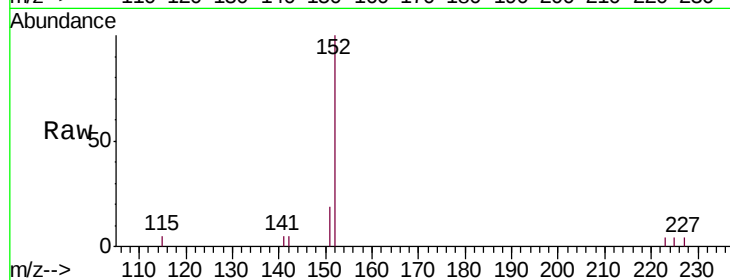
BPSI-TT-MW311I-20180919MS

Tgt Ion:152 Resp: 2797

Ion Ratio Lower Upper

152 100

151 15.3 15.4 23.0#



#12

2-Methylnaphthalene

Concen: 0.476 ng

RT: 11.79 min Scan# 775

Delta R.T. -0.01 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

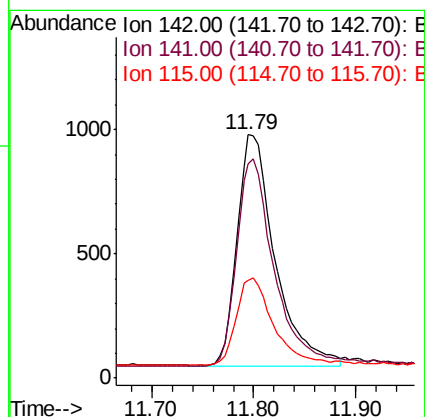
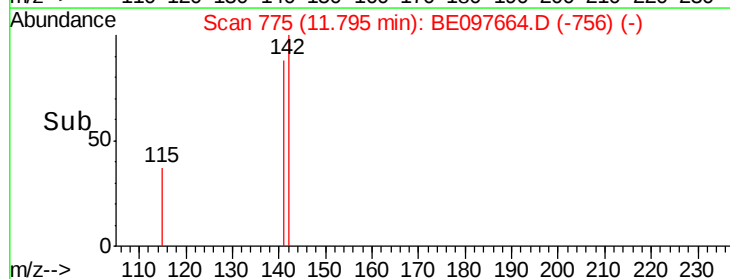
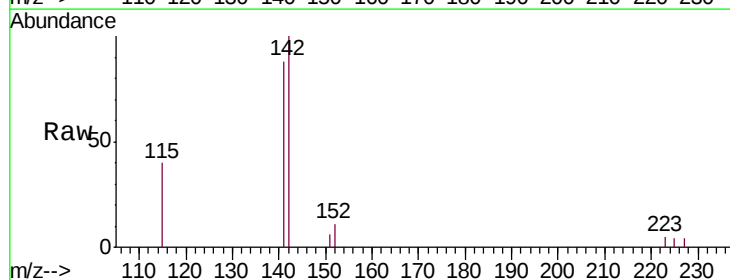
Tgt Ion:142 Resp: 2421

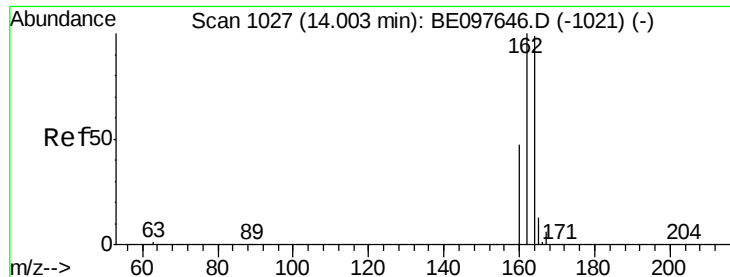
Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

115 40.0 31.7 47.5

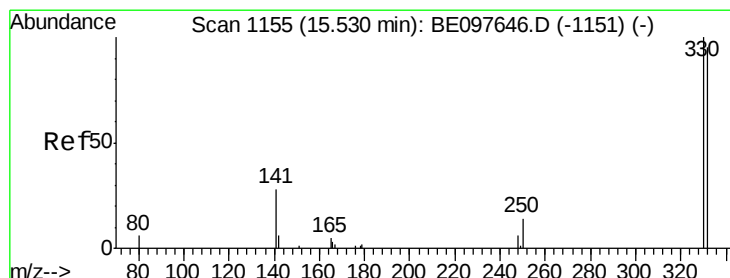
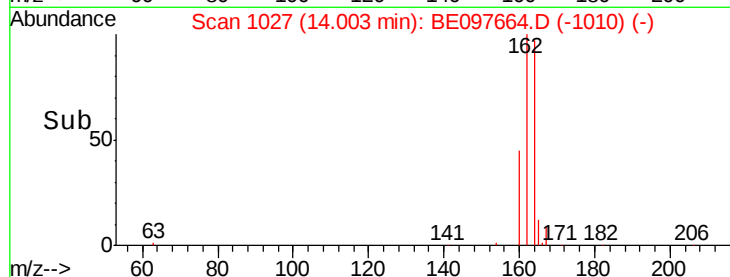
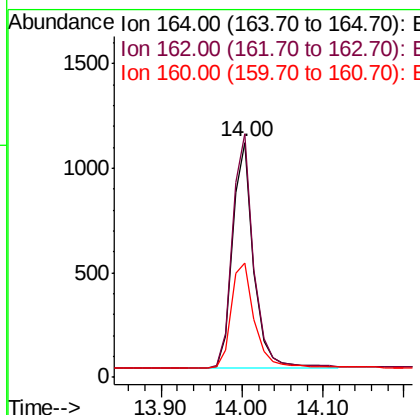
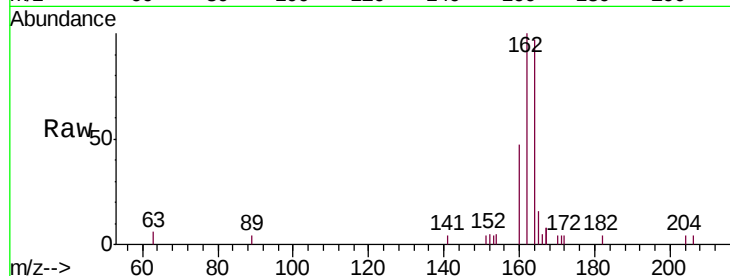




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

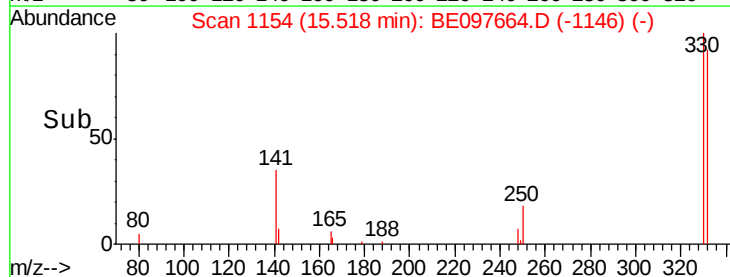
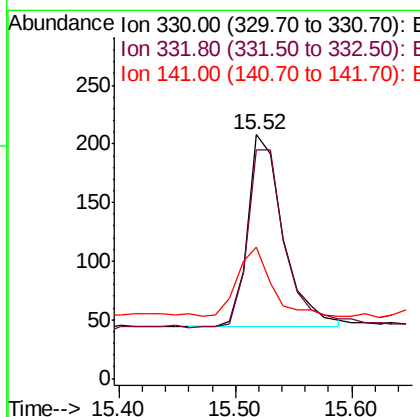
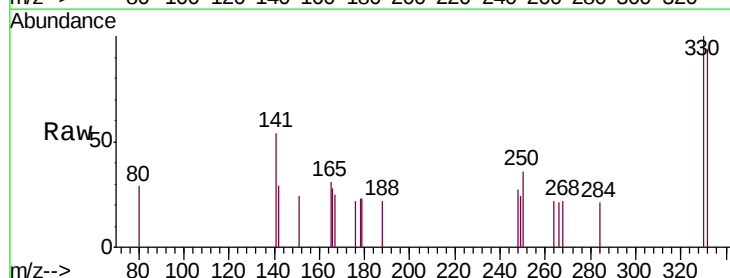
Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MS

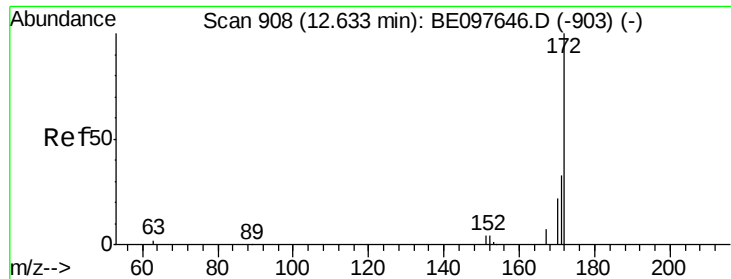
Tgt Ion:164 Resp: 1927
Ion Ratio Lower Upper
164 100
162 103.5 83.1 124.7
160 48.7 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.444 ng
RT: 15.52 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Tgt Ion:330 Resp: 350
Ion Ratio Lower Upper
330 100
332 98.9 152.7 229.1#
141 34.3 33.7 50.5

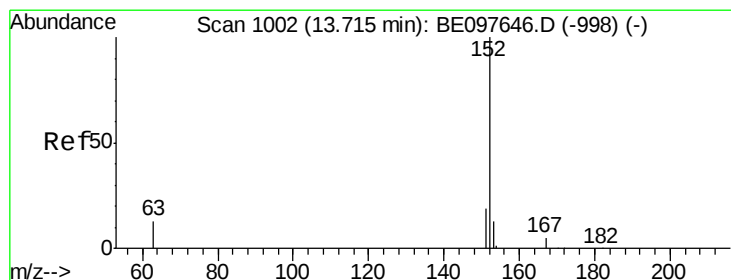
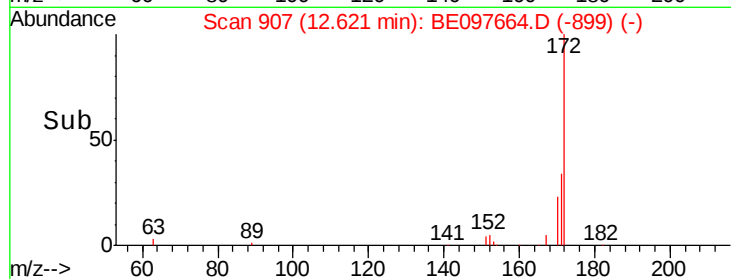
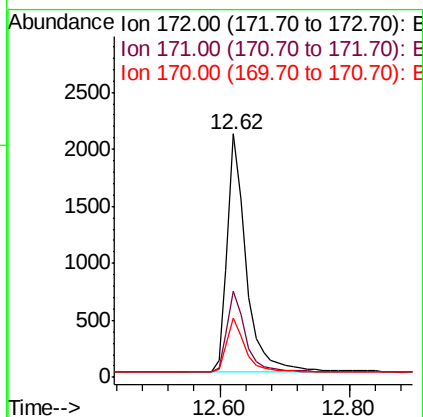
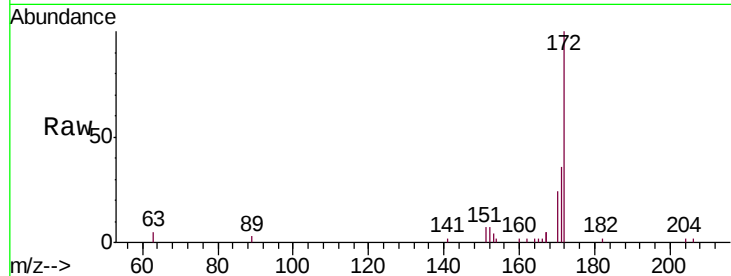




#15
 2-Fluorobiphenyl
 Concen: 0.676 ng
 RT: 12.62 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BE097664.D
 Acq: 25 Sep 2018 19:08

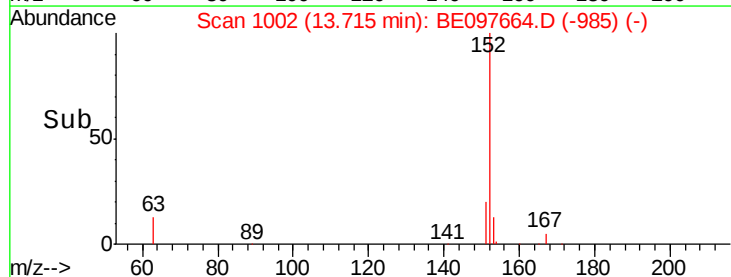
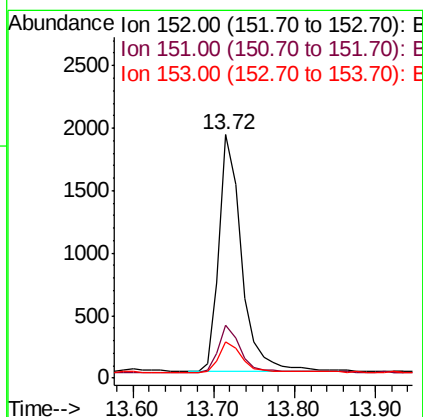
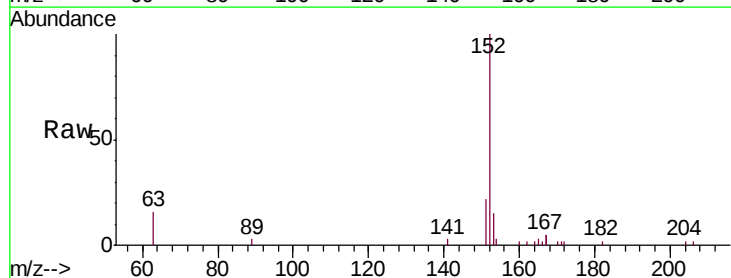
Instrument :
 BNA_E
 ClientSampleId :
 BPSI-TT-MW311I-20180919MS

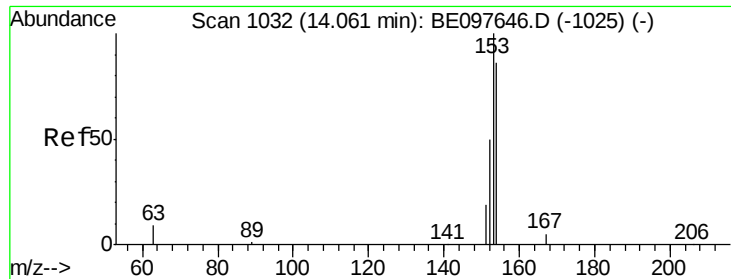
Tgt Ion:172 Resp: 4252
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.9 44.9
 170 24.4 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.481 ng
 RT: 13.72 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BE097664.D
 Acq: 25 Sep 2018 19:08

Tgt Ion:152 Resp: 3729
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.7 23.5
 153 13.1 10.5 15.7

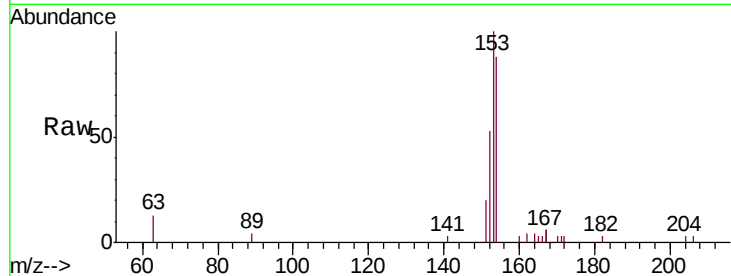




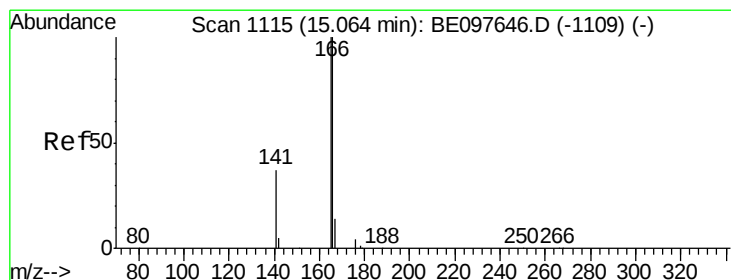
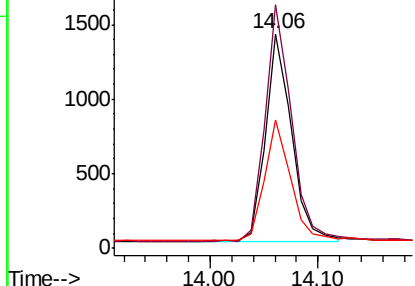
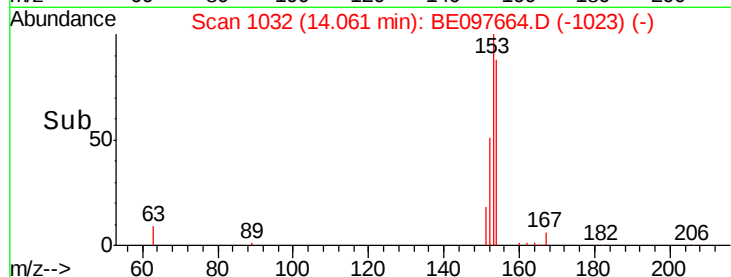
#17
Acenaphthene
Concen: 0.465 ng
RT: 14.06 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tgt Ion:154 Resp: 2352
Ion Ratio Lower Upper
154 100
153 115.2 89.2 133.8
152 57.2 42.0 63.0

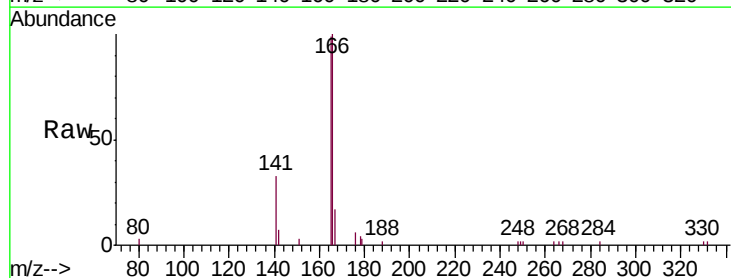


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

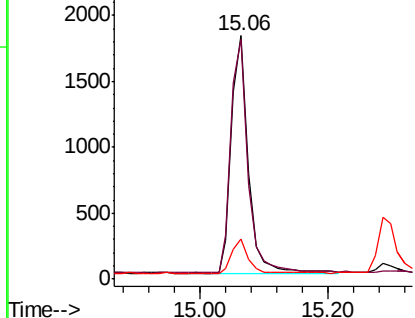
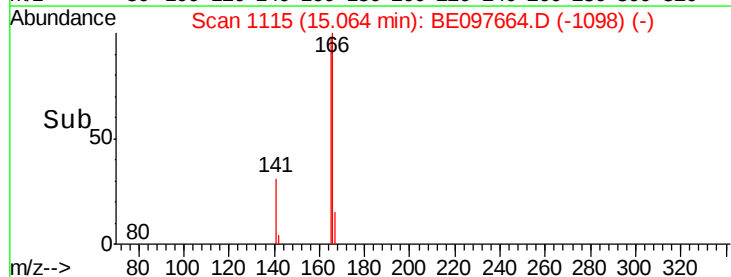


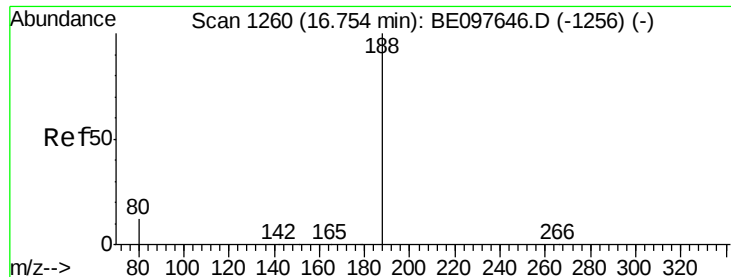
#18
Fluorene
Concen: 0.461 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Tgt Ion:166 Resp: 3280
Ion Ratio Lower Upper
166 100
165 100.1 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: 16.75 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS

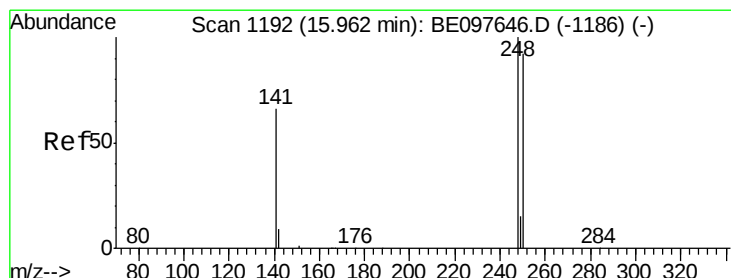
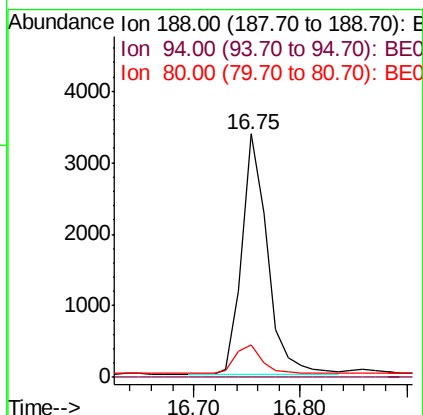
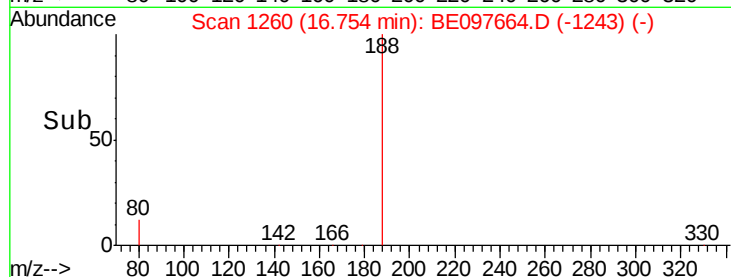
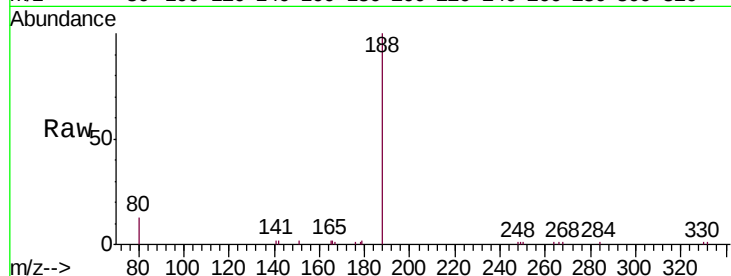
Tgt Ion:188 Resp: 5581

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.2 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.451 ng

RT: 15.96 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

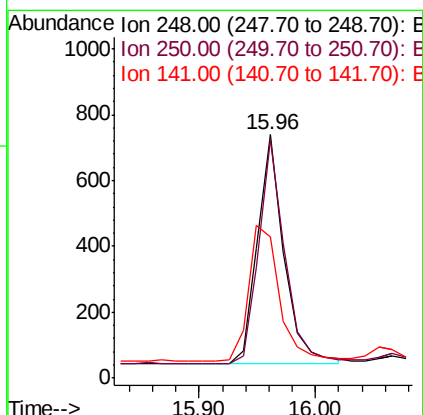
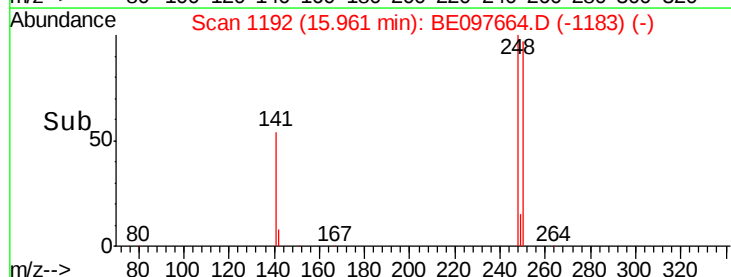
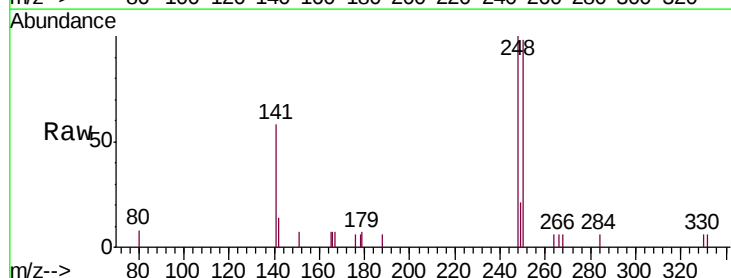
Tgt Ion:248 Resp: 1115

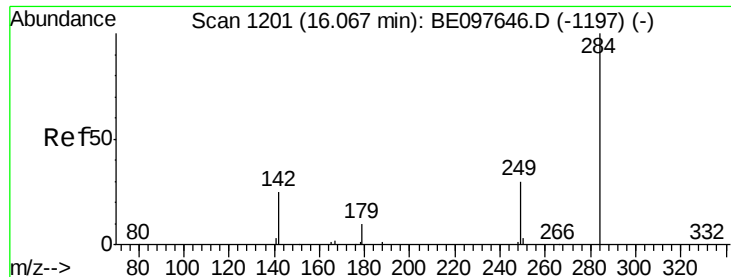
Ion Ratio Lower Upper

248 100

250 98.0 62.7 94.1#

141 58.2 48.2 72.2

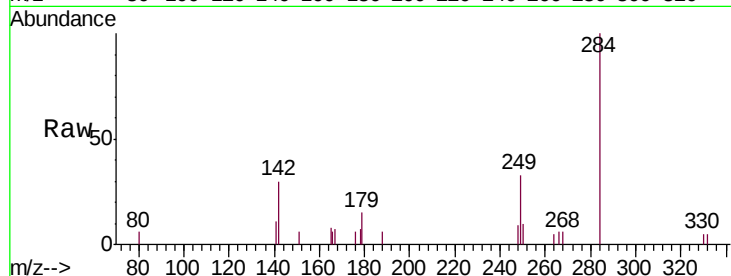




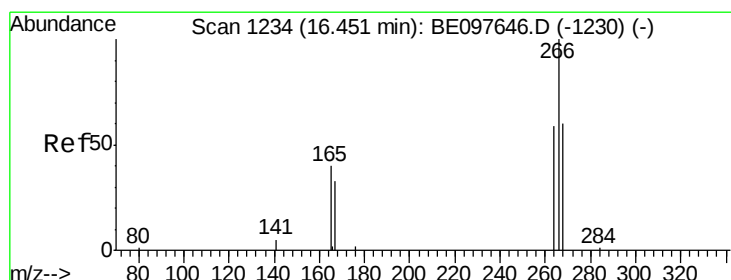
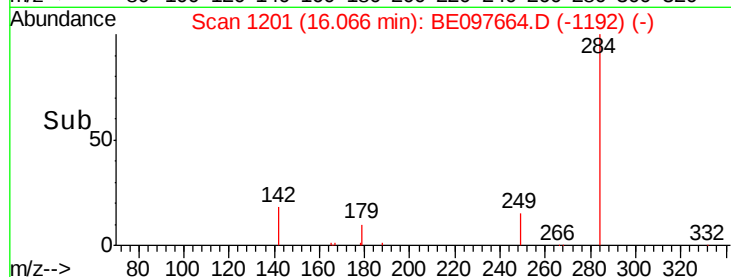
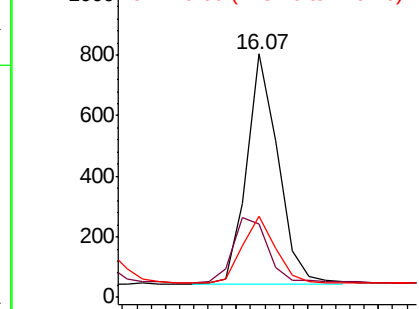
#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.07 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tgt Ion: 284 Resp: 1173
Ion Ratio Lower Upper
284 100
142 31.6 22.1 33.1
249 30.0 34.8 52.2#

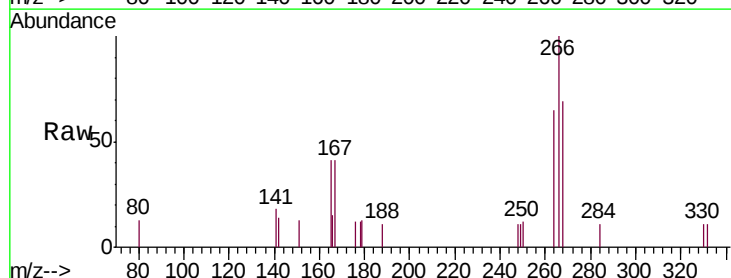


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

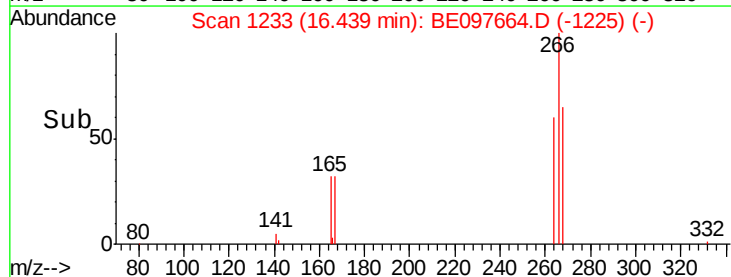
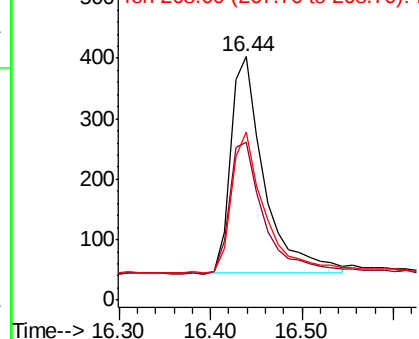


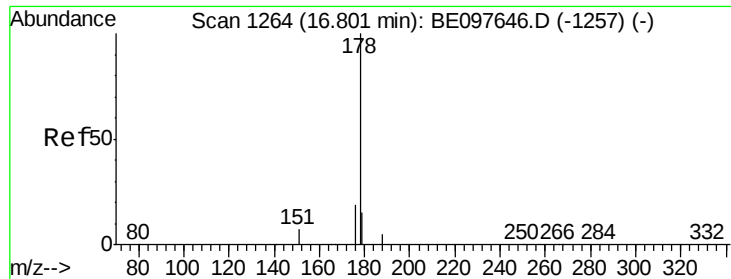
#22
Pentachlorophenol
Concen: 1.289 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Tgt Ion: 266 Resp: 911
Ion Ratio Lower Upper
266 100
264 64.8 72.5 108.7#
268 69.0 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: 0.509 ng

RT: 16.80 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS

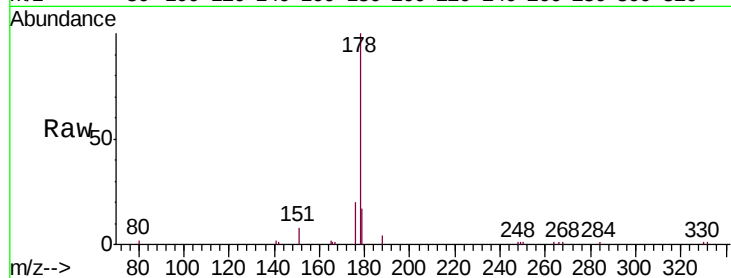
Tgt Ion:178 Resp: 6725

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

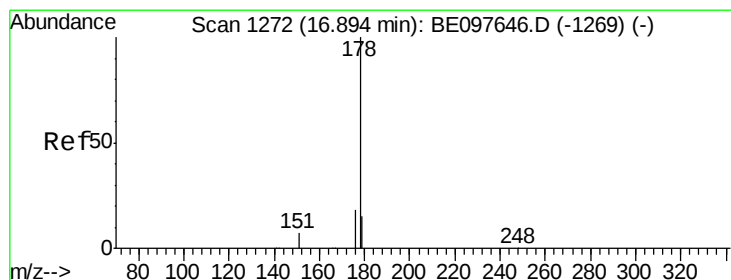
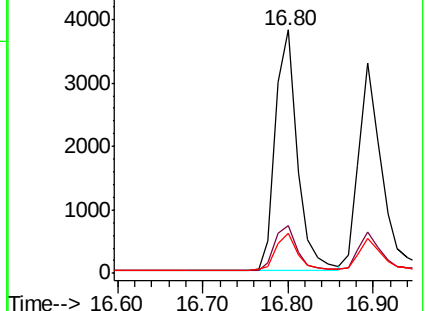
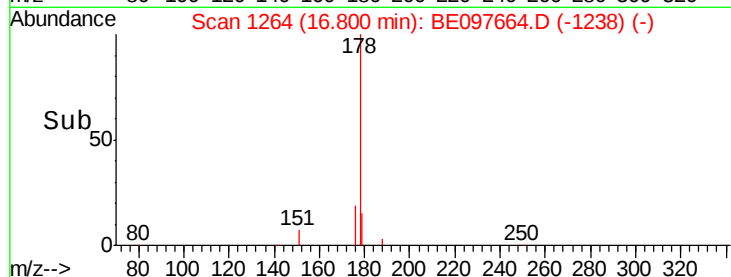
179 15.4 11.8 17.6



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: 0.539 ng

RT: 16.89 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

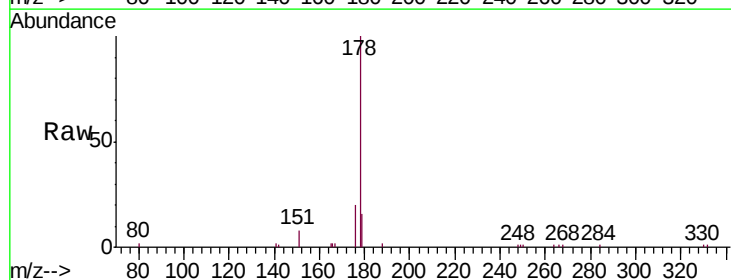
Tgt Ion:178 Resp: 5909

Ion Ratio Lower Upper

178 100

176 18.2 12.8 19.2

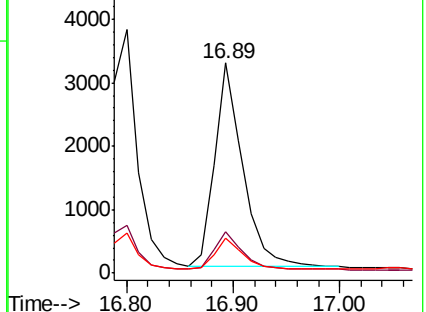
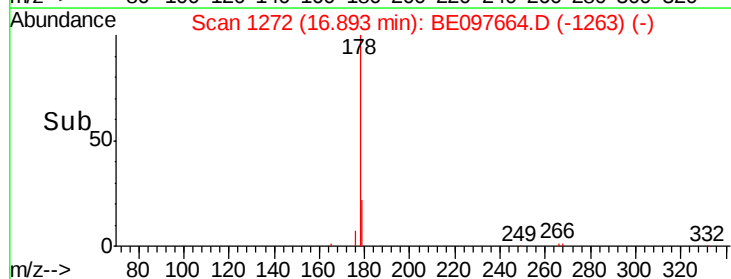
179 15.1 13.0 19.6

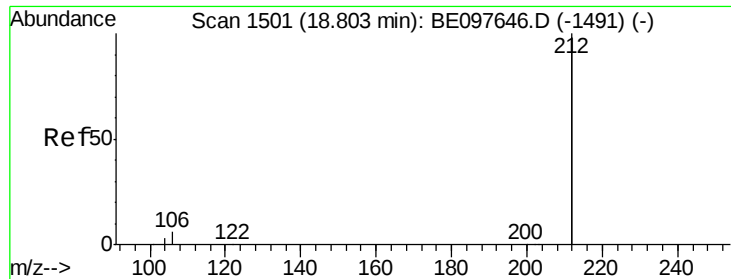


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.554 ng

RT: 18.80 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS

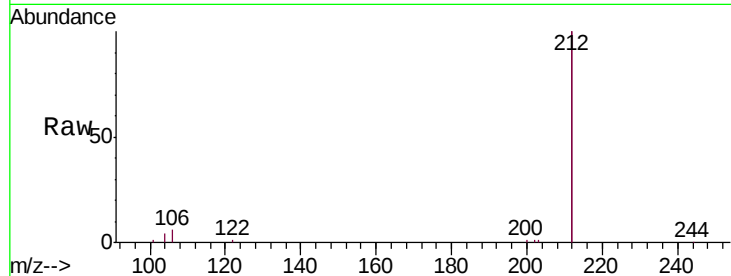
Tgt Ion:212 Resp: 33719

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

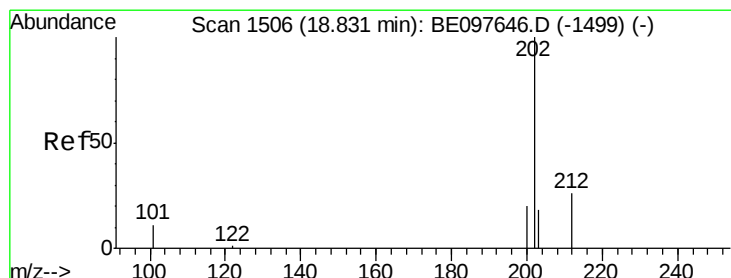
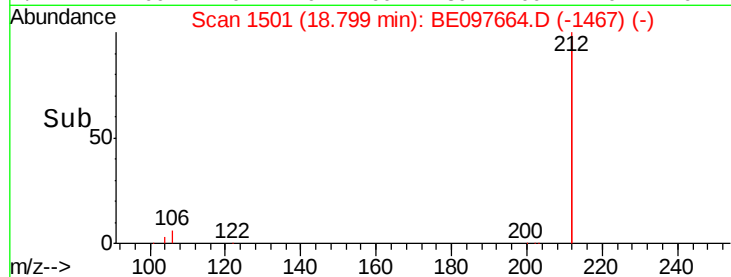
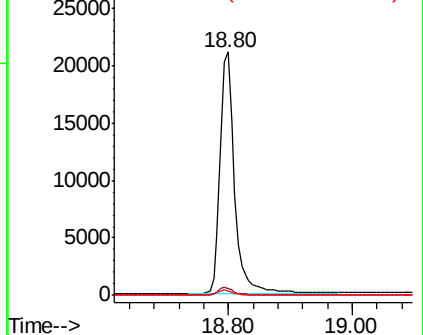
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.587 ng

RT: 18.83 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

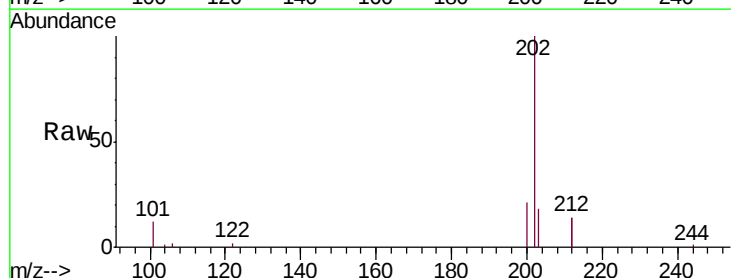
Tgt Ion:202 Resp: 9294

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

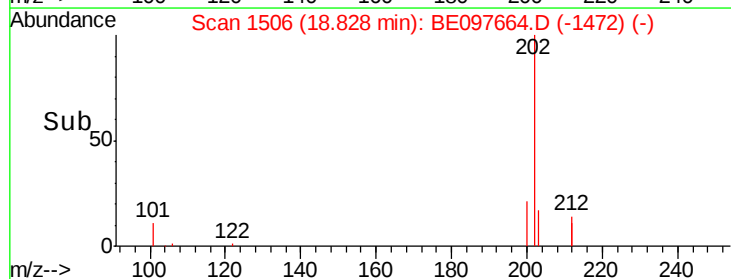
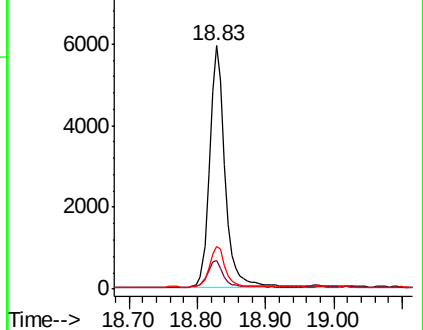
203 17.1 13.7 20.5

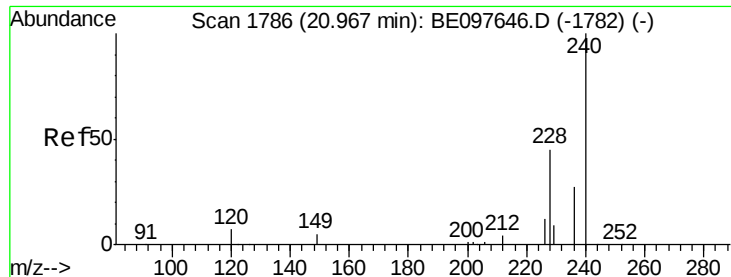


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.97 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS

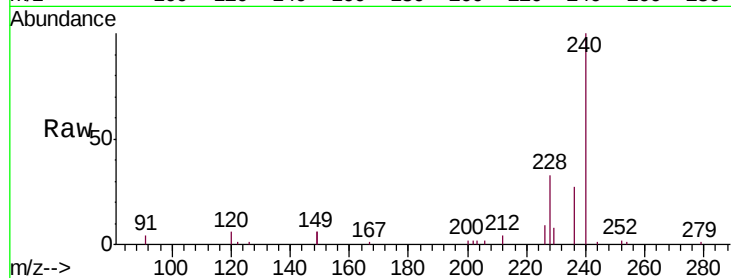
Tgt Ion:240 Resp: 8452

Ion Ratio Lower Upper

240 100

120 6.2 5.5 8.3

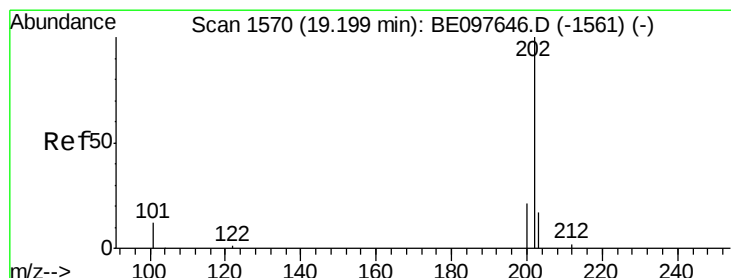
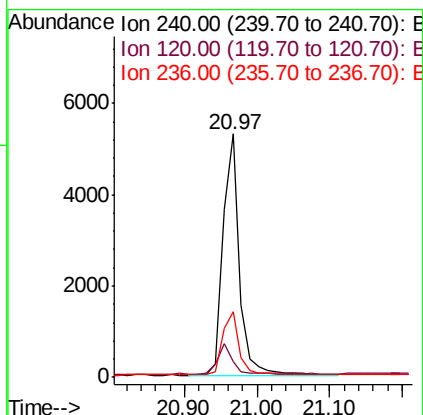
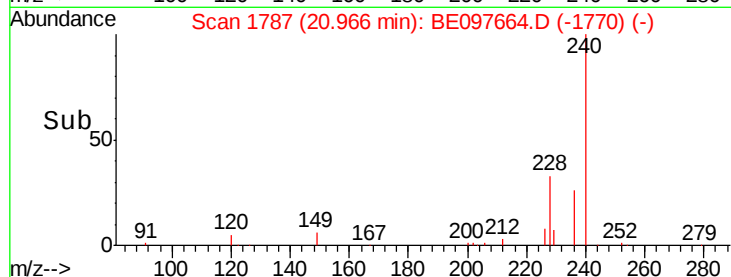
236 26.8 20.7 31.1



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: 0.436 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

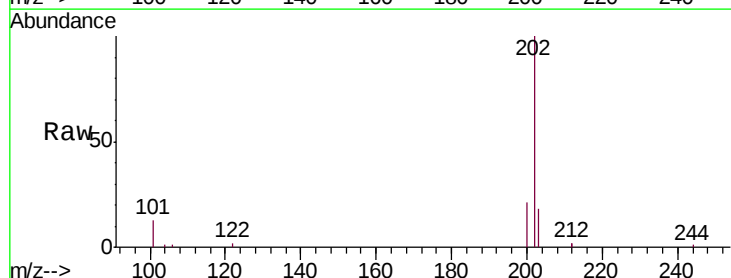
Tgt Ion:202 Resp: 9619

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

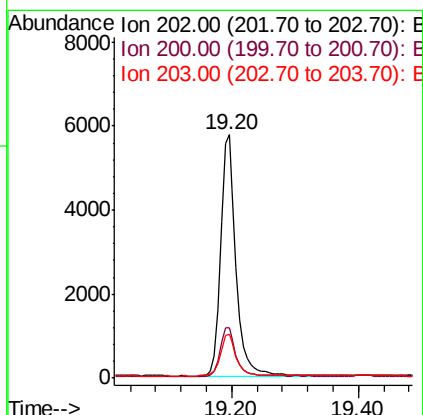
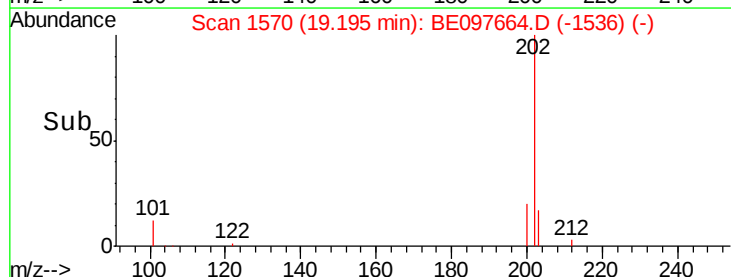
203 17.8 13.8 20.8

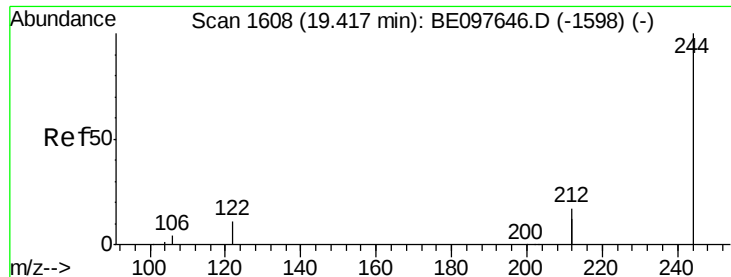


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.562 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS

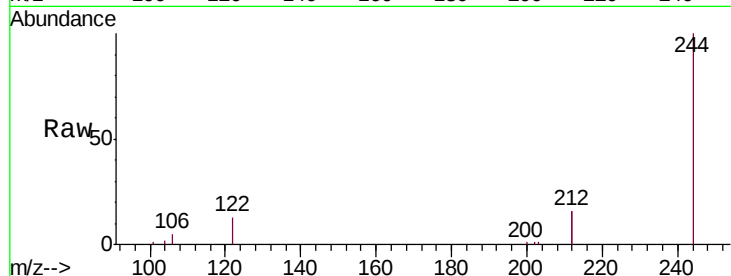
Tgt Ion:244 Resp: 9357

Ion Ratio Lower Upper

244 100

212 32.5 25.4 38.0

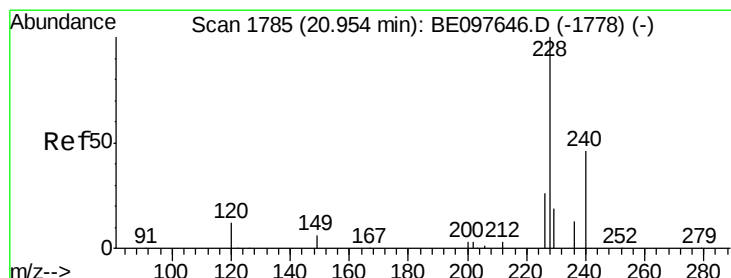
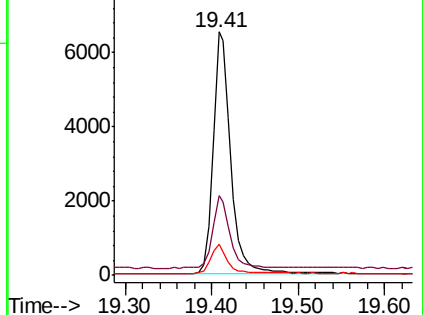
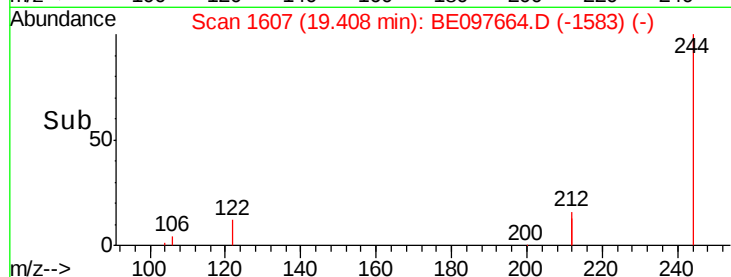
122 12.7 8.1 12.1#



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: 0.538 ng

RT: 20.95 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

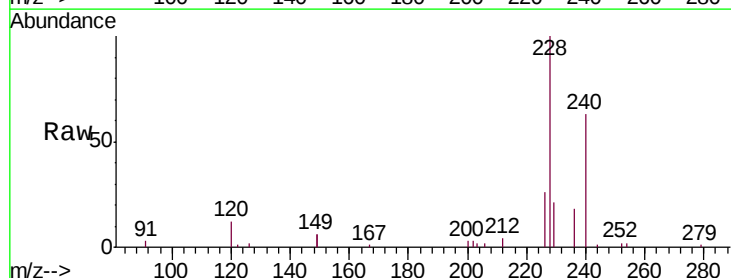
Tgt Ion:228 Resp: 10751

Ion Ratio Lower Upper

228 100

226 26.4 24.0 36.0

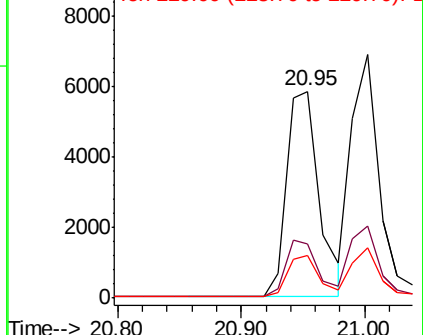
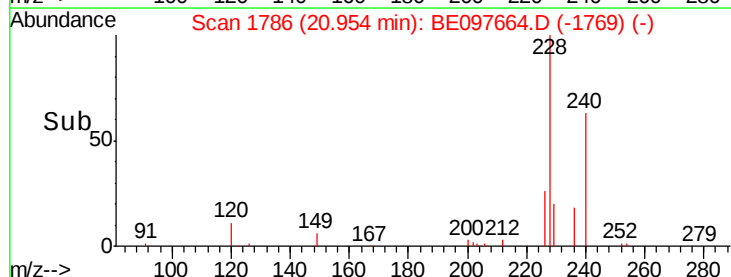
229 20.9 16.0 24.0

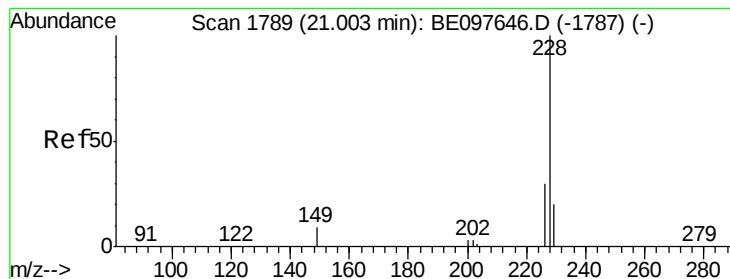


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.461 ng

RT: 21.00 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS

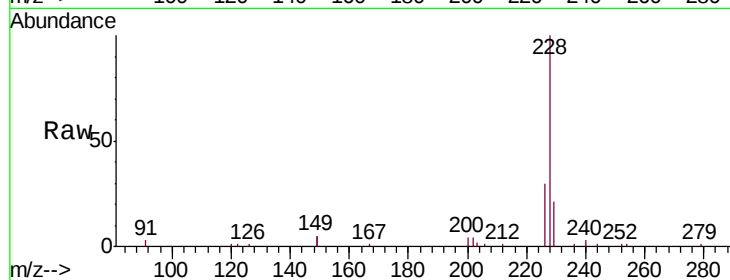
Tgt Ion:228 Resp: 10771

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

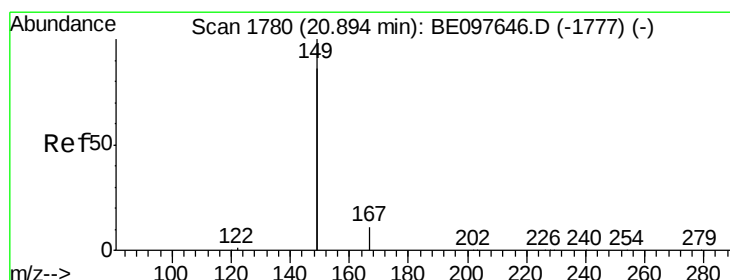
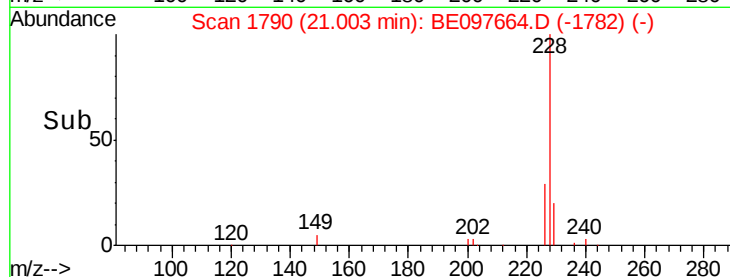
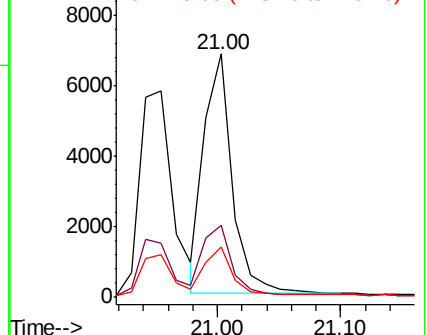
229 20.9 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.713 ng

RT: 20.89 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

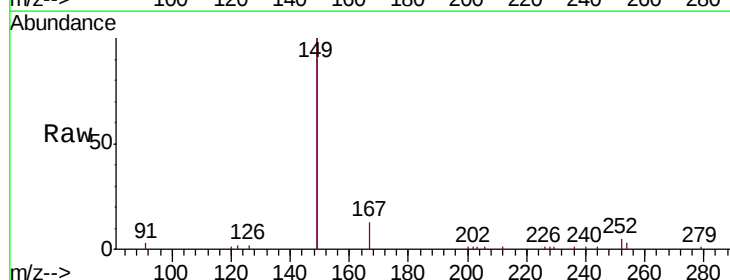
Tgt Ion:149 Resp: 16277

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

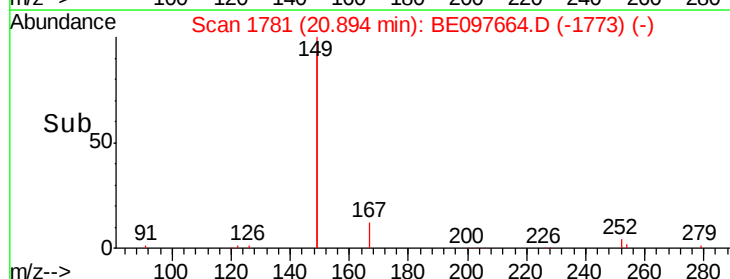
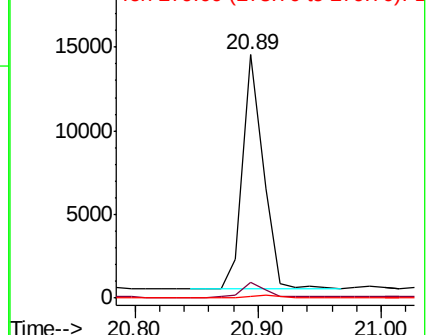
279 1.1 0.7 1.1#

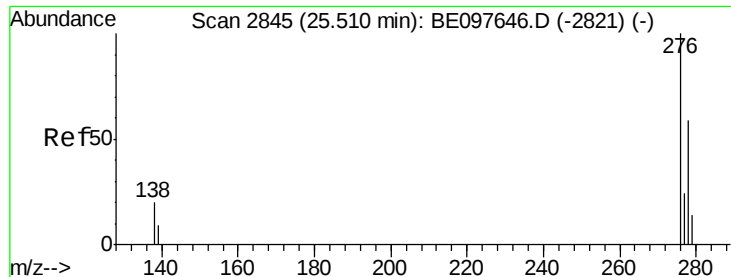


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.505 ng

RT: 25.50 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS

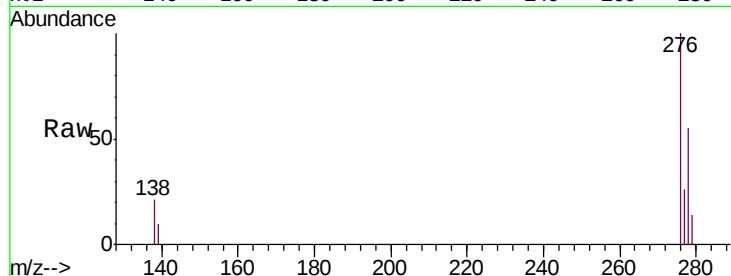
Tgt Ion:276 Resp: 12433

Ion Ratio Lower Upper

276 100

138 21.2 22.5 33.7#

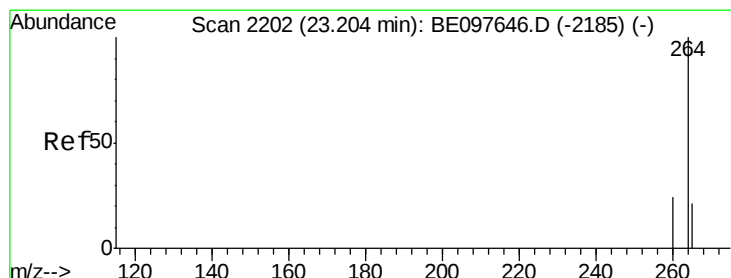
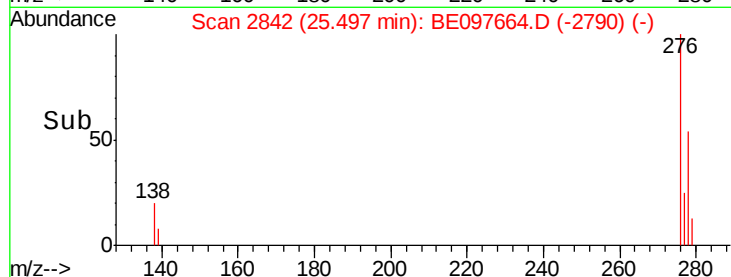
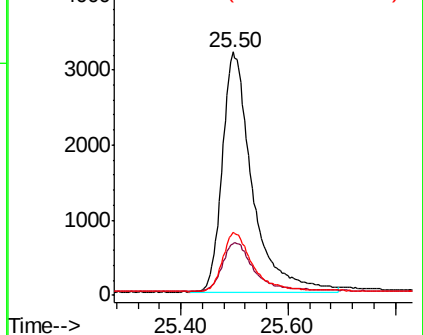
277 24.8 19.9 29.9



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: 23.20 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BE097664.D

Acq: 25 Sep 2018 19:08

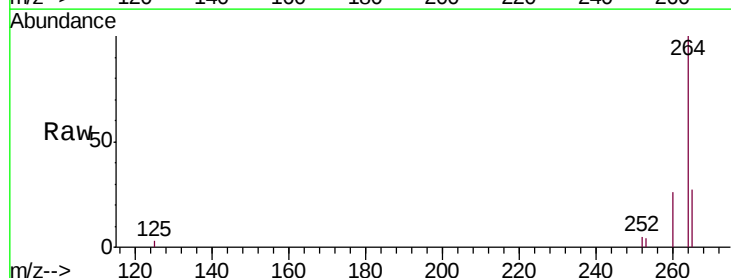
Tgt Ion:264 Resp: 8195

Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

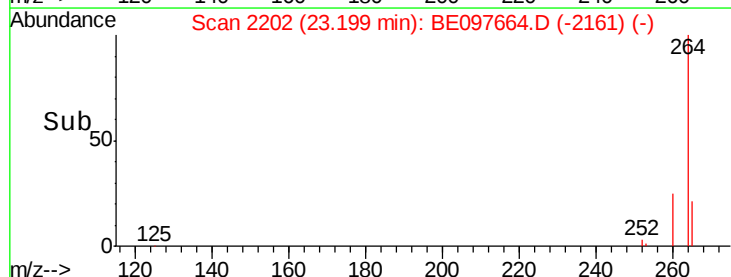
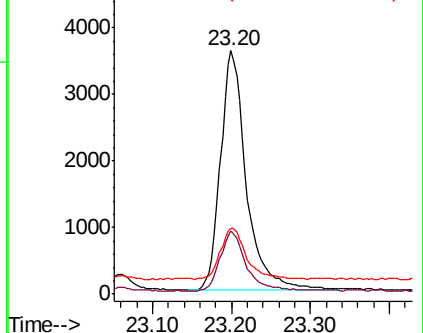
265 26.8 22.8 34.2

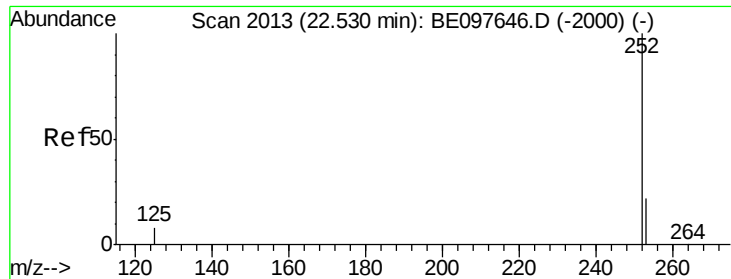


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

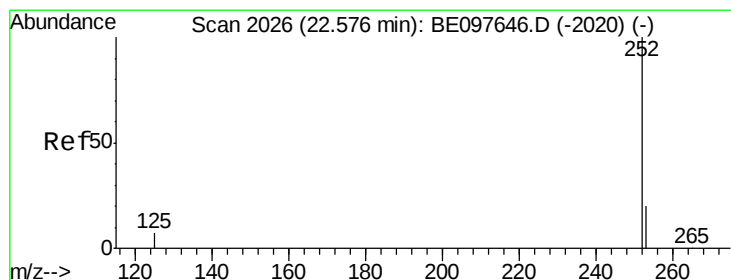
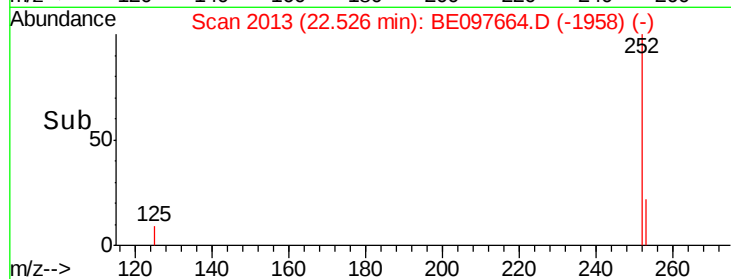
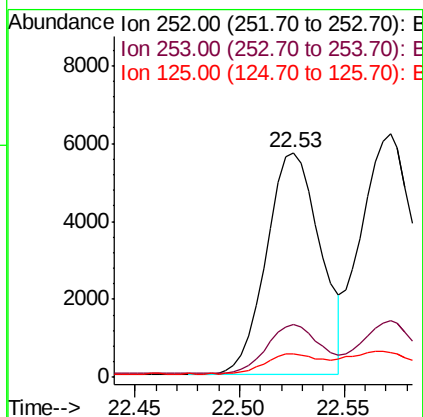
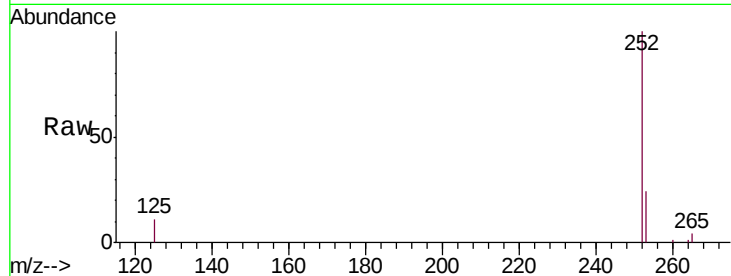




#35
Benzo(b)fluoranthene
Concen: 0.487 ng
RT: 22.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

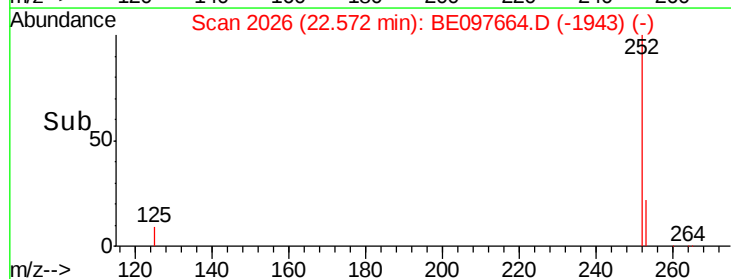
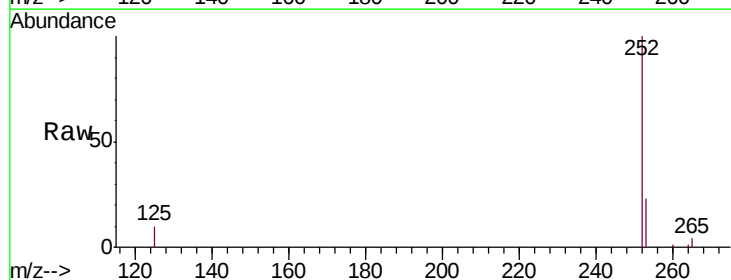
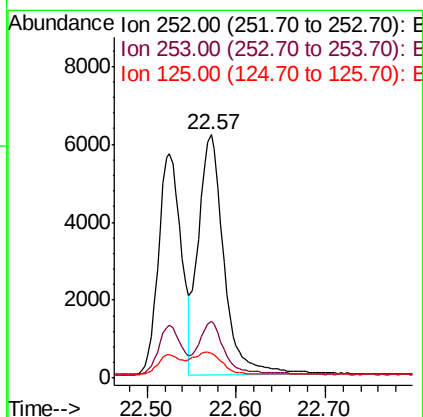
Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MS

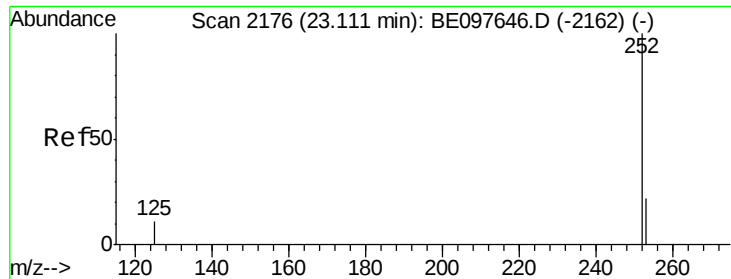
Tgt Ion:252 Resp: 10212
Ion Ratio Lower Upper
252 100
253 23.6 20.0 30.0
125 10.7 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.492 ng
RT: 22.57 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Tgt Ion:252 Resp: 12204
Ion Ratio Lower Upper
252 100
253 23.1 16.0 24.0
125 10.2 8.0 12.0

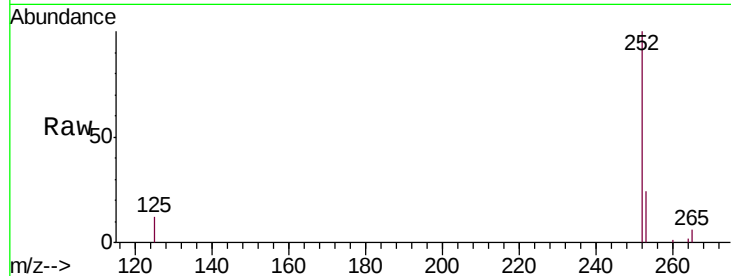




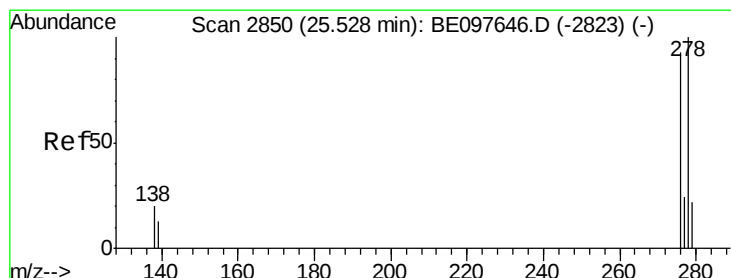
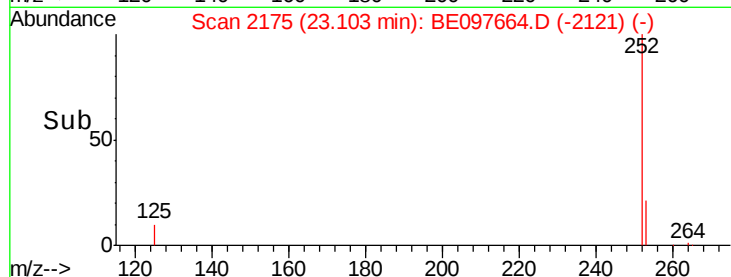
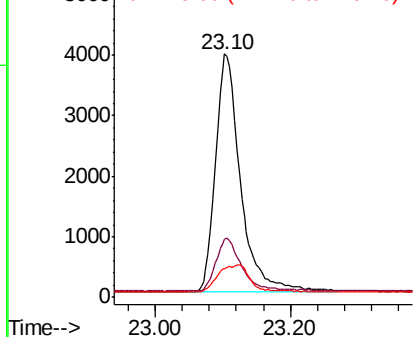
#37
Benzo(a)pyrene
Concen: 0.495 ng
RT: 23.10 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Instrument :
BNA_E
ClientSampleId :
BPSI-TT-MW311I-20180919MS

Tgt Ion: 252 Resp: 10235
Ion Ratio Lower Upper
252 100
253 23.6 16.0 24.0
125 12.0 12.0 18.0#

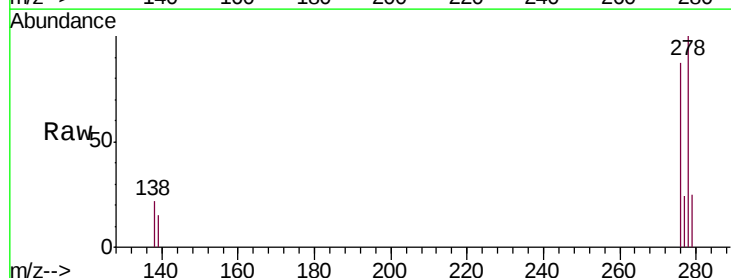


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

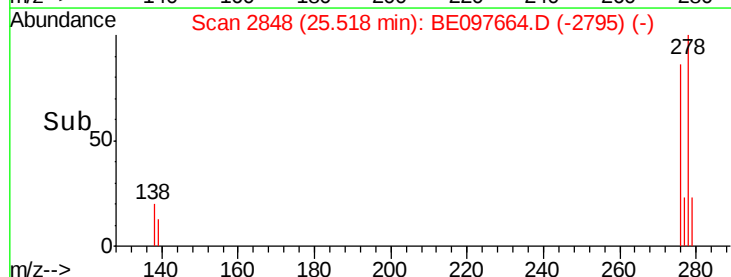
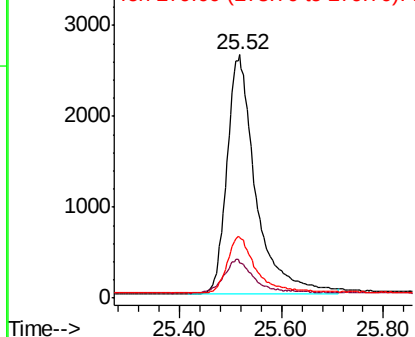


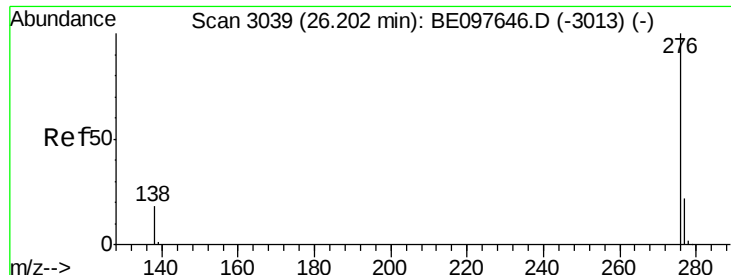
#38
Dibenzo(a,h)anthracene
Concen: 0.475 ng
RT: 25.52 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BE097664.D
Acq: 25 Sep 2018 19:08

Tgt Ion: 278 Resp: 10339
Ion Ratio Lower Upper
278 100
139 14.6 16.0 24.0#
279 24.7 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(g,h,i)perylene

Concen: 0.460 ng

RT: 26.20 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BE097664.D

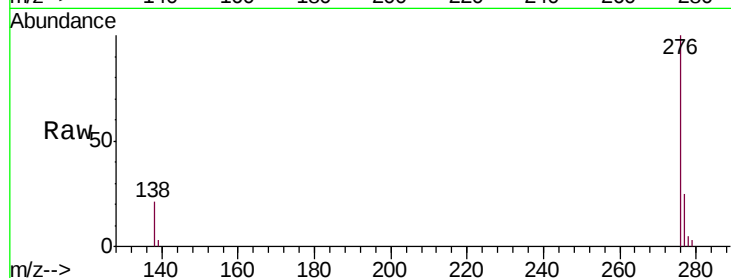
Acq: 25 Sep 2018 19:08

Instrument :

BNA_E

ClientSampleId :

BPSI-TT-MW311I-20180919MS



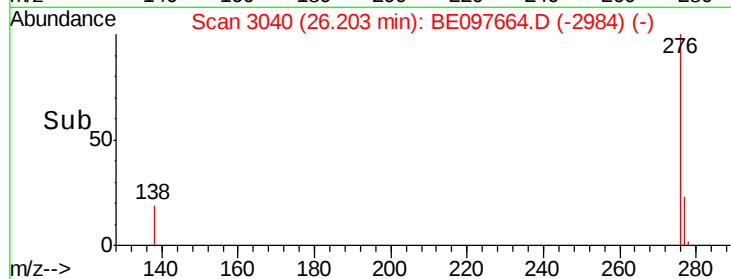
Tgt Ion: 276 Resp: 9963

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

138 20.6 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

