

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098364.D
 Acq On : 12 Dec 2018 16:56
 Operator : SJ/JU
 Sample : J6314-10MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

Quant Time: Dec 13 05:52:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1054	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	4259	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	2613	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7027	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8961	0.40	ng	0.00
34) Perylene-d12	24.01	264	8362	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	456	0.18	ng	0.01
5) Phenol-d6	7.06	99	374	0.11	ng	0.01
8) Nitrobenzene-d5	9.03	82	1660	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	4123	0.60	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	547	0.57	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6967	0.63	ng	0.00
25) Fluoranthene-d10	19.30	212	43656	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	13208	0.61	ng	0.00

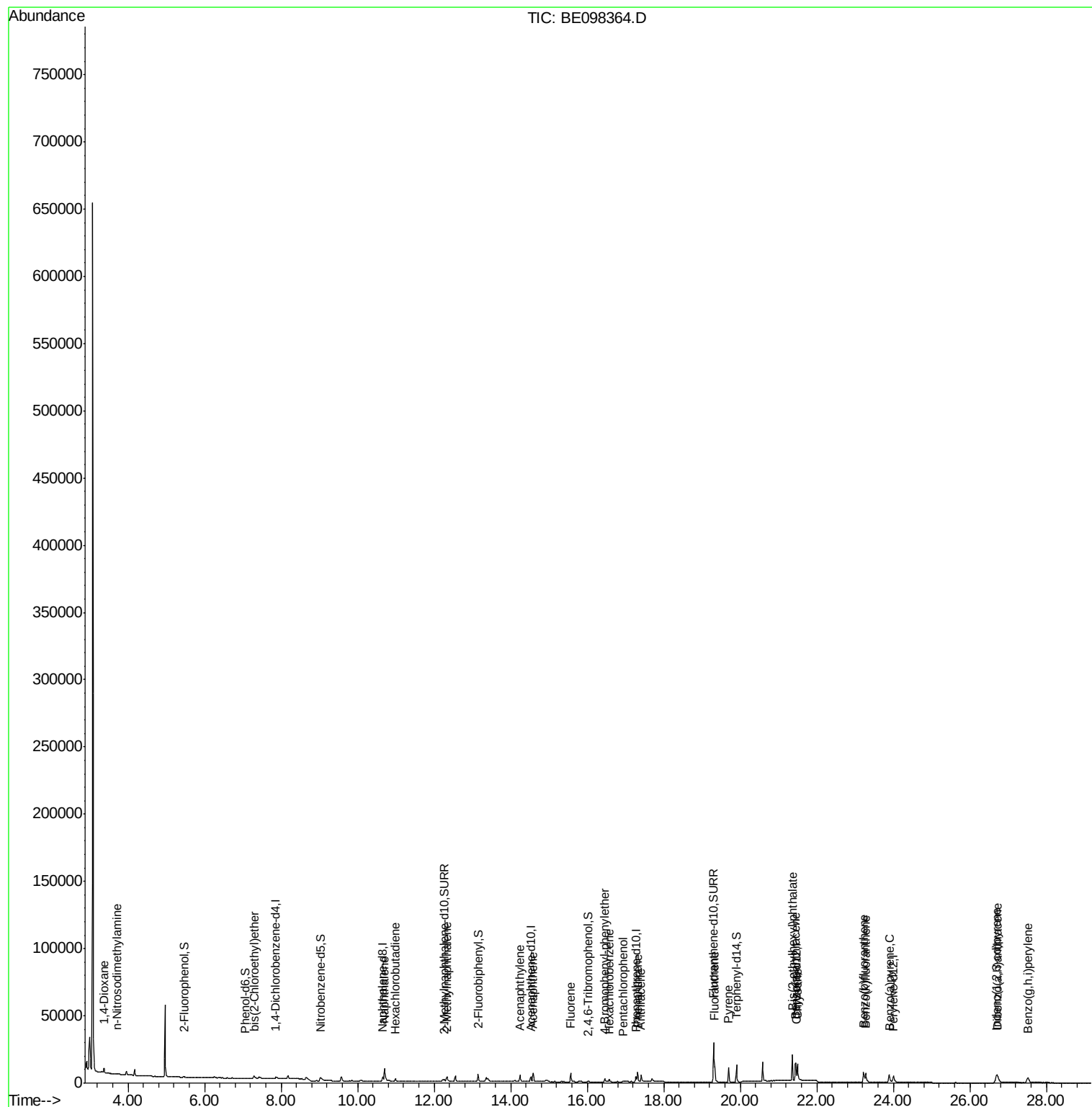
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1924	1.056	ng	# 80
3) n-Nitrosodimethylamine	3.72	42	185	0.113	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1198	0.361	ng	98
9) Naphthalene	10.71	128	19306	0.450	ng	99
10) Hexachlorobutadiene	10.99	225	1069	0.392	ng	96
12) 2-Methylnaphthalene	12.34	142	3208	0.461	ng	98
16) Acenaphthylene	14.24	152	5577	0.456	ng	99
17) Acenaphthene	14.59	154	3230	0.439	ng	99
18) Fluorene	15.57	166	4522	0.460	ng	97
20) 4-Bromophenyl-phenylether	16.46	248	1535	0.406	ng	# 86
21) Hexachlorobenzene	16.58	284	1677	0.412	ng	95
22) Pentachlorophenol	16.94	266	553	0.753	ng	95
23) Phenanthrene	17.31	178	8173	0.479	ng	99
24) Anthracene	17.41	178	6762	0.444	ng	99
26) Fluoranthene	19.33	202	11393	0.504	ng	99
28) Pyrene	19.69	202	11547	0.411	ng	99
30) Benzo(a)anthracene	21.44	228	12025	0.471	ng	99
31) Chrysene	21.50	228	12180	0.456	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	25697	0.496	ng	100
33) Indeno(1,2,3-cd)pyrene	26.69	276	11855	0.446	ng	99
35) Benzo(b)fluoranthene	23.22	252	10870	0.475	ng	98
36) Benzo(k)fluoranthene	23.28	252	12844	0.482	ng	99
37) Benzo(a)pyrene	23.89	252	11216	0.475	ng	96
38) Dibenzo(a,h)anthracene	26.72	278	9985	0.449	ng	97
39) Benzo(g,h,i)perylene	27.51	276	10583	0.473	ng	98

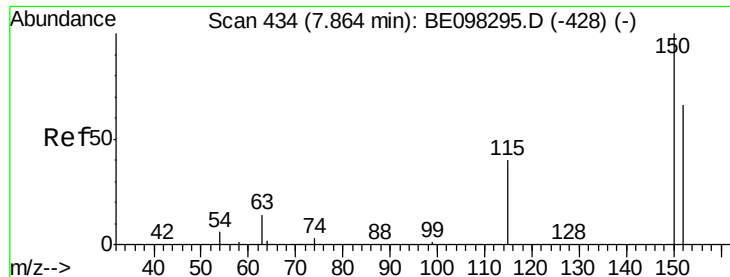
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
Data File : BE098364.D
Acq On : 12 Dec 2018 16:56
Operator : SJ/JU
Sample : J6314-10MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

Quant Time: Dec 13 05:52:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



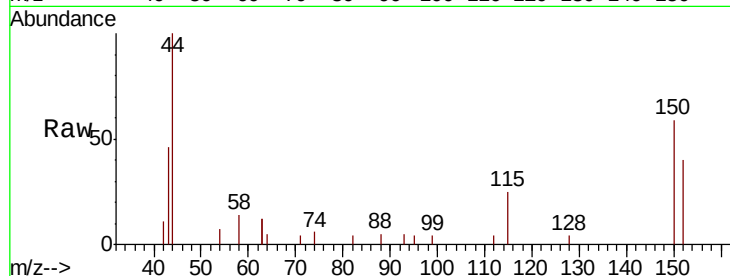


#1

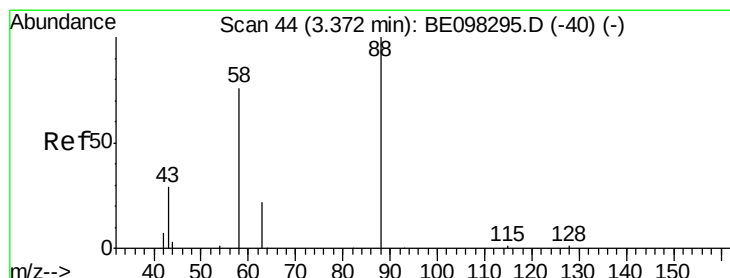
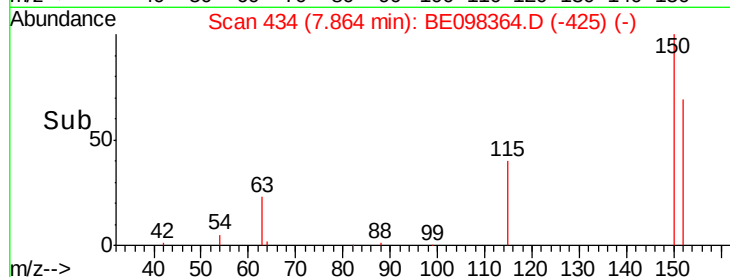
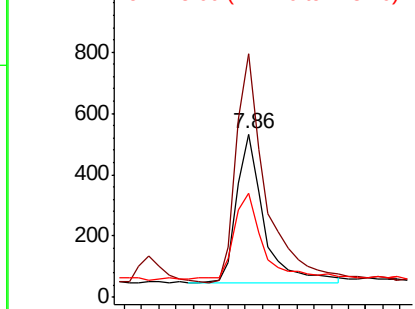
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098364.D
Acq: 12 Dec 2018 16:56

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

Tgt Ion:152 Resp: 1054
Ion Ratio Lower Upper
152 100
150 149.0 124.2 186.4
115 63.4 53.9 80.9



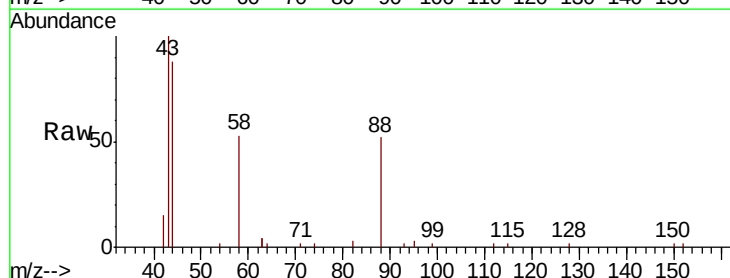
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



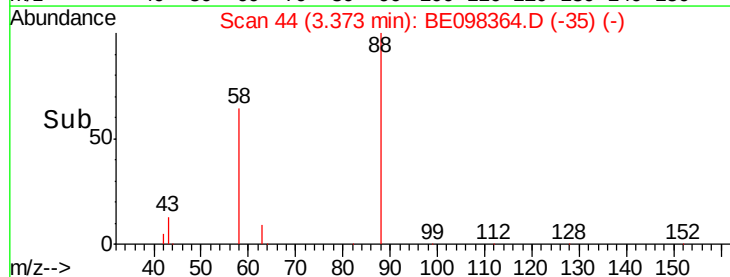
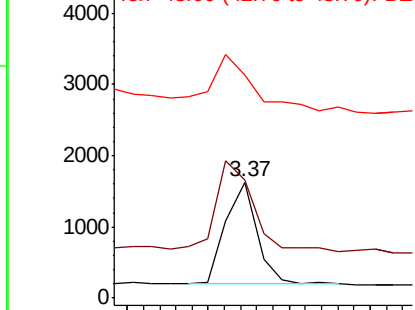
#2

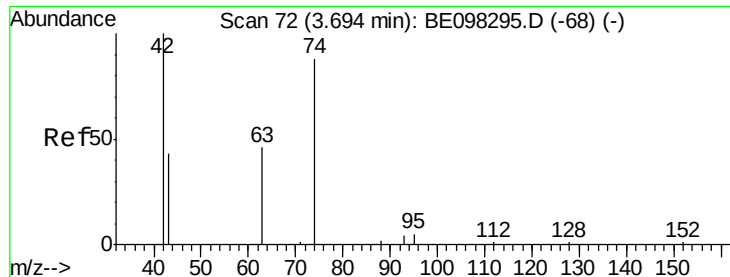
1,4-Dioxane
Concen: 1.056 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098364.D
Acq: 12 Dec 2018 16:56

Tgt Ion: 88 Resp: 1924
Ion Ratio Lower Upper
88 100
58 103.3 75.0 112.6
43 74.5 38.3 57.5#



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: 0.113 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.02 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

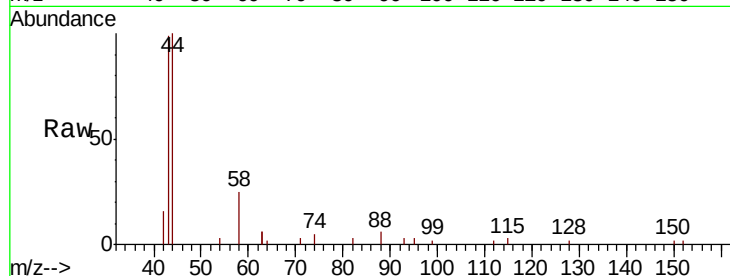
Tgt Ion: 42 Resp: 185

Ion Ratio Lower Upper

42 100

74 110.3 0.0 0.0#

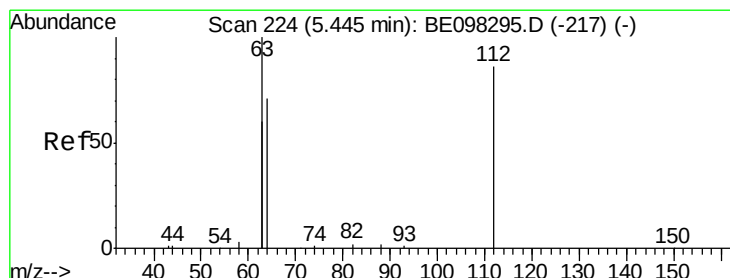
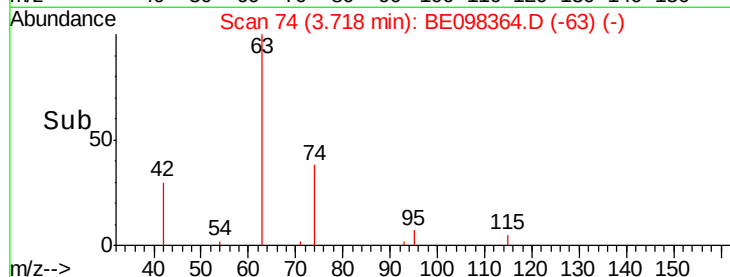
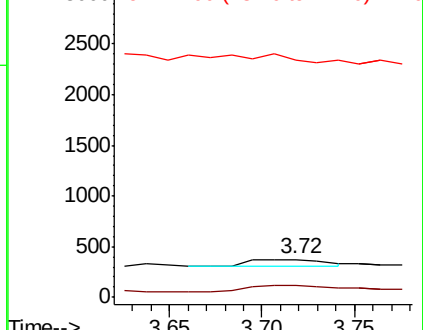
44 200.0 0.0 0.0#



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: 0.185 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

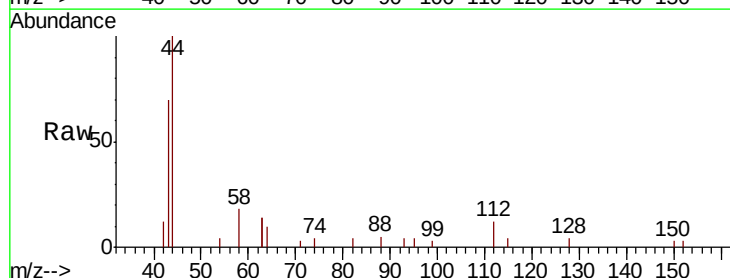
Tgt Ion: 112 Resp: 456

Ion Ratio Lower Upper

112 100

64 80.7 59.8 89.8

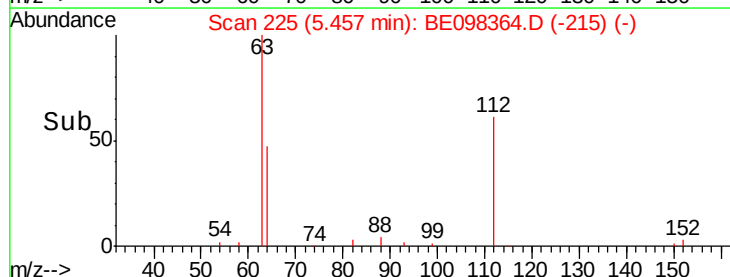
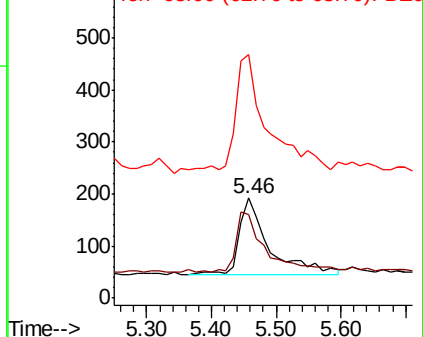
63 161.8 133.7 200.5

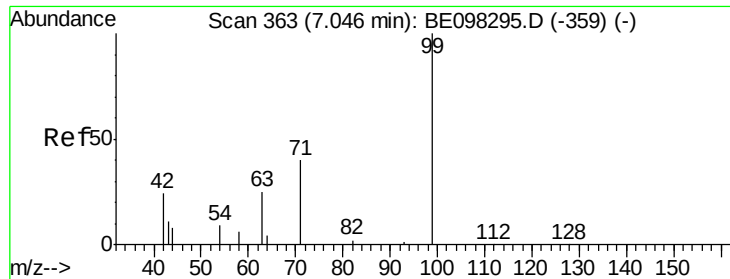


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.107 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

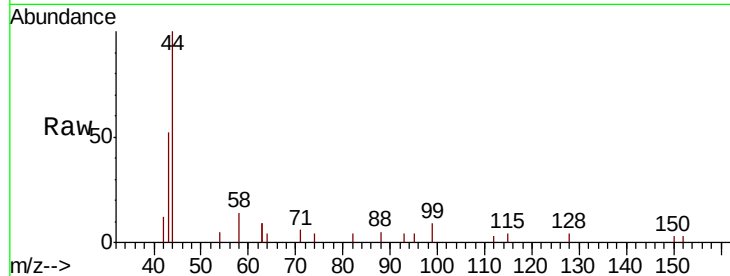
Tgt Ion: 99 Resp: 374

Ion Ratio Lower Upper

99 100

42 38.2 26.3 39.5

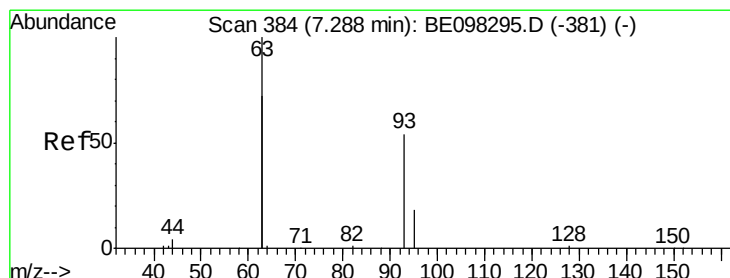
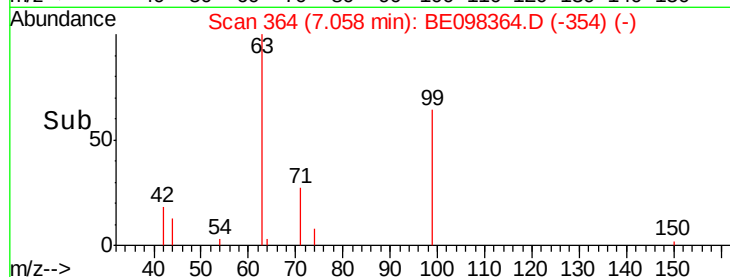
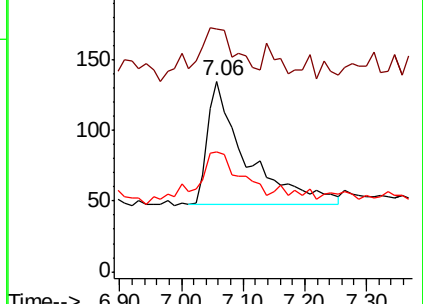
71 41.2 33.6 50.4



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: 0.361 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

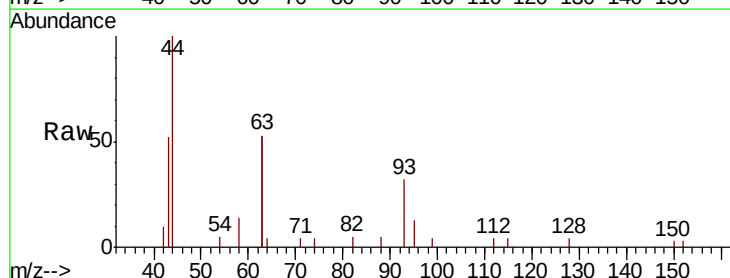
Tgt Ion: 93 Resp: 1198

Ion Ratio Lower Upper

93 100

63 327.0 264.4 396.6

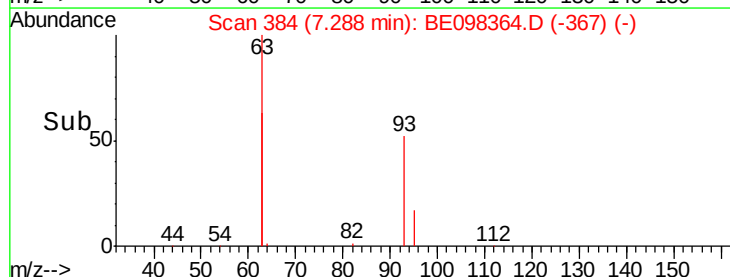
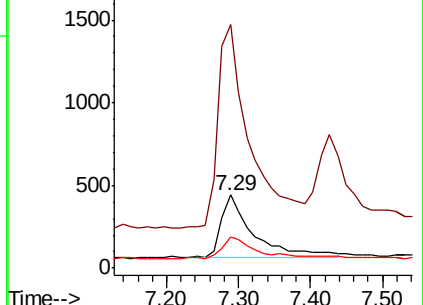
95 38.0 26.6 40.0

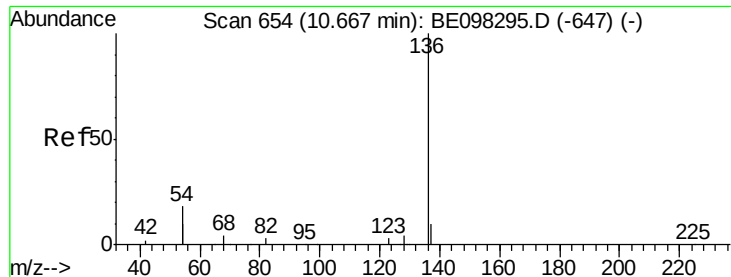


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

Tgt Ion: 136 Resp: 4259

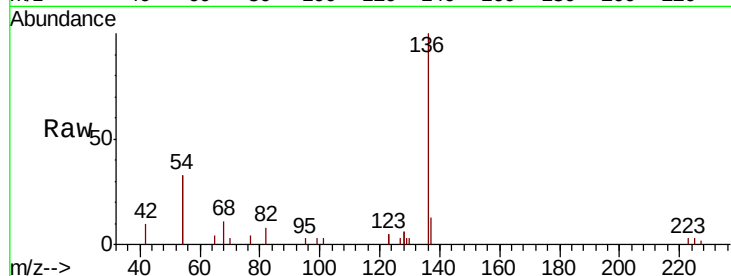
Ion Ratio Lower Upper

136 100

137 13.4 9.2 13.8

54 65.3 28.4 42.6#

68 11.0 5.4 8.0#

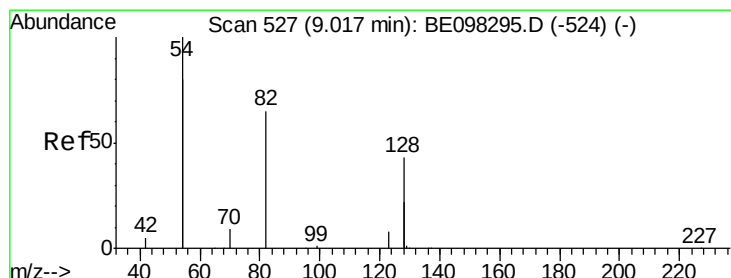
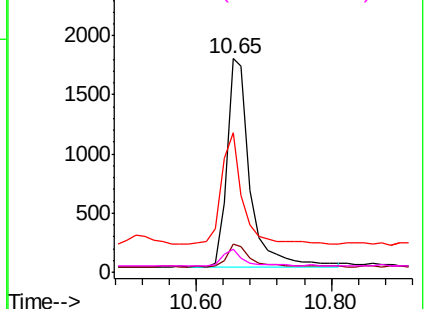
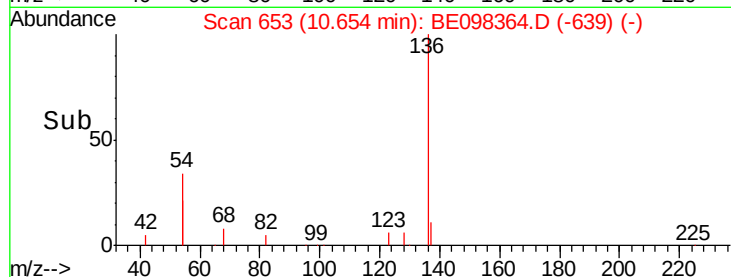


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.428 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

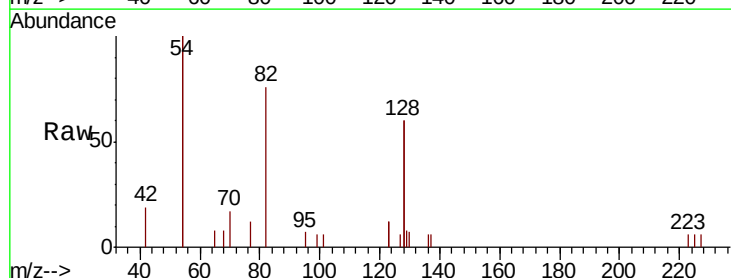
Tgt Ion: 82 Resp: 1660

Ion Ratio Lower Upper

82 100

128 159.7 102.4 153.6#

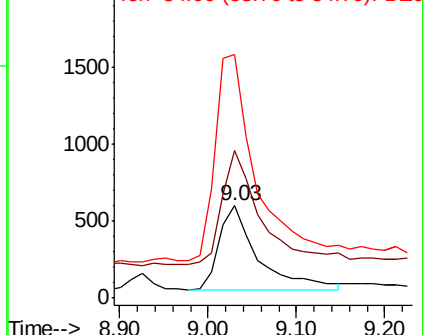
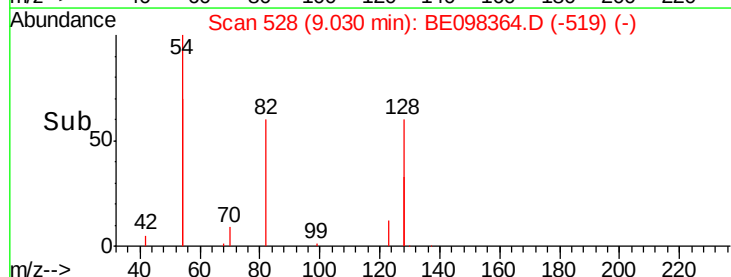
54 264.3 221.8 332.8

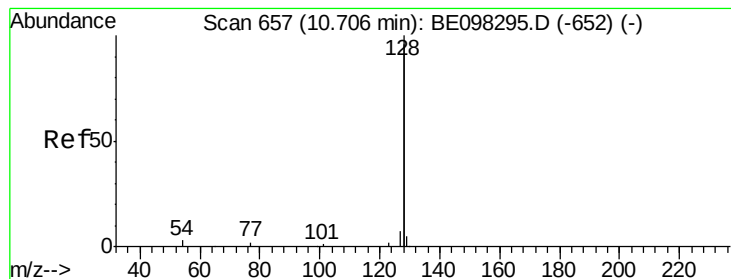


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.450 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

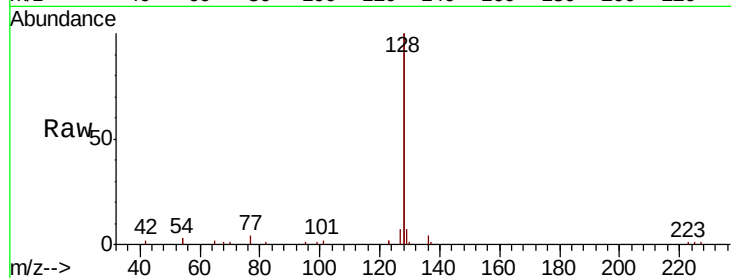
Tgt Ion:128 Resp: 19306

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

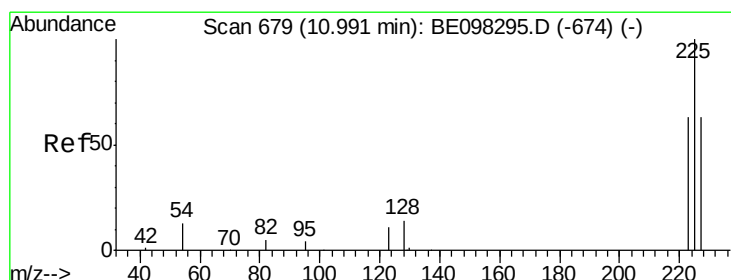
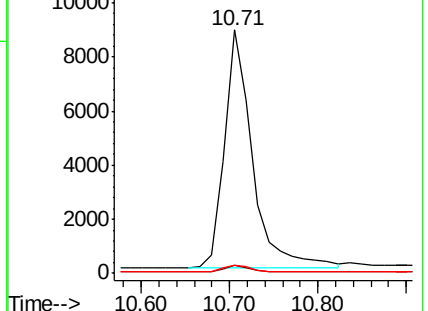
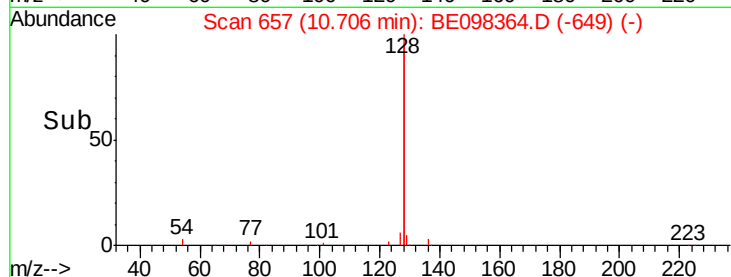
127 3.5 2.7 4.1



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: 0.392 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

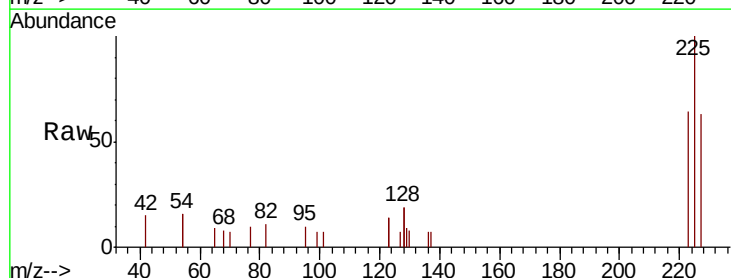
Tgt Ion:225 Resp: 1069

Ion Ratio Lower Upper

225 100

223 64.5 49.4 74.0

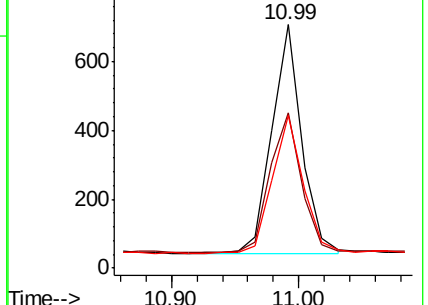
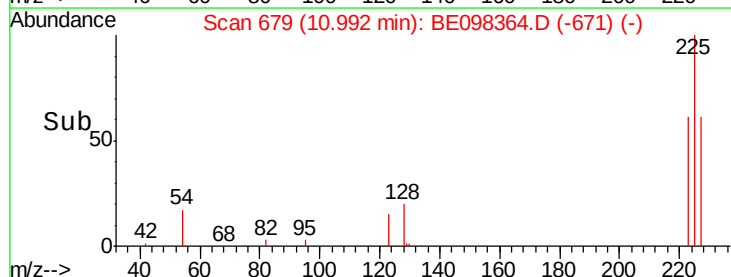
227 62.3 52.0 78.0

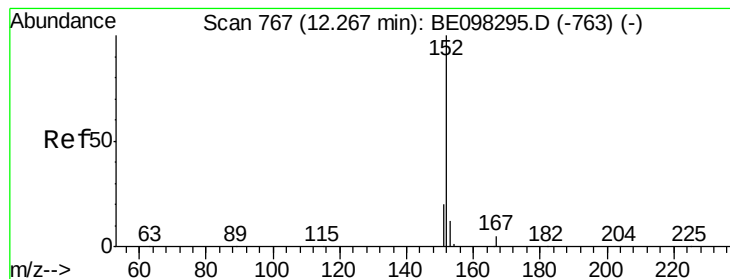


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.595 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

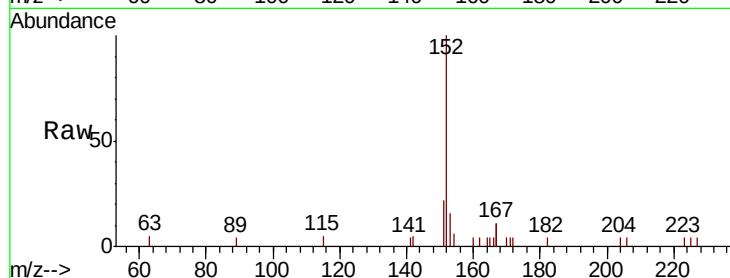
BPS1-TT-MW303I2-20181207MS

Tgt Ion:152 Resp: 4123

Ion Ratio Lower Upper

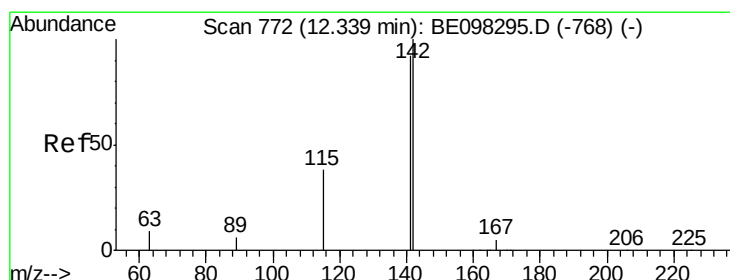
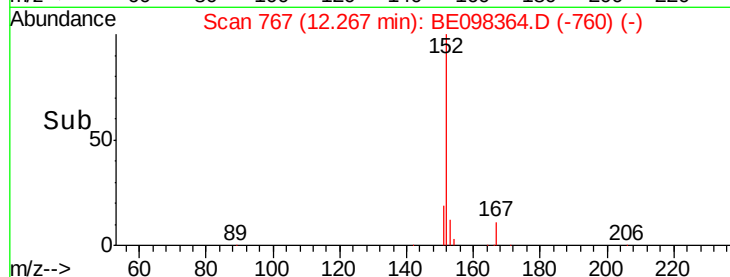
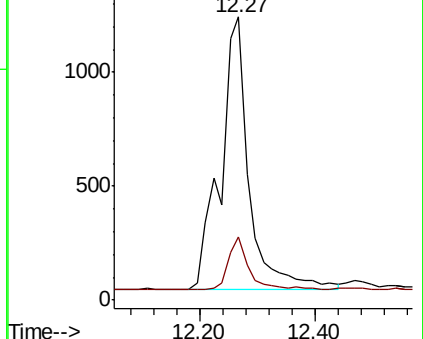
152 100

151 14.4 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.461 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

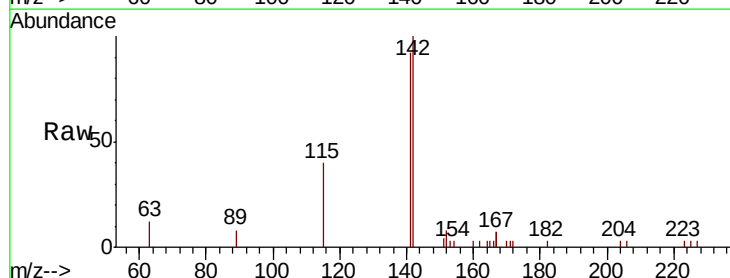
Tgt Ion:142 Resp: 3208

Ion Ratio Lower Upper

142 100

141 91.6 71.0 106.6

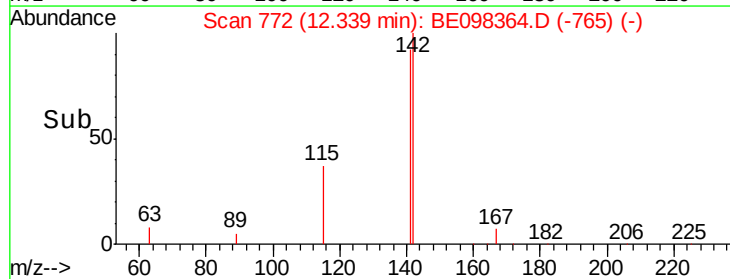
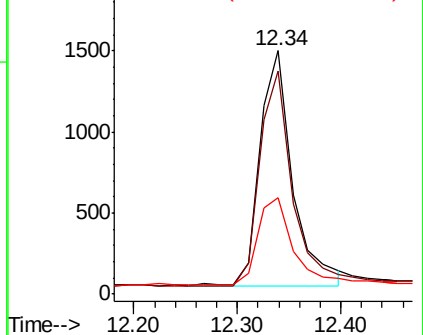
115 39.7 32.2 48.2

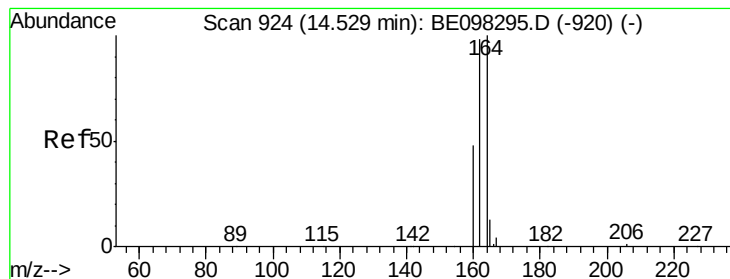


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

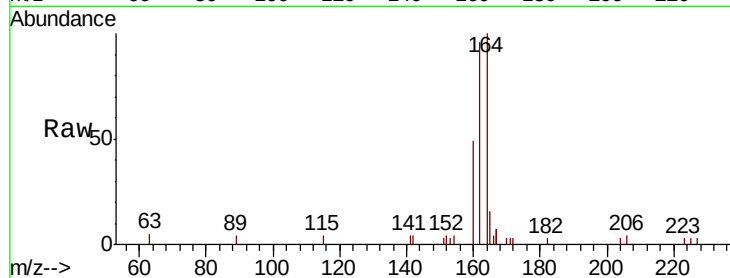
Tgt Ion:164 Resp: 2613

Ion Ratio Lower Upper

164 100

162 96.2 77.6 116.4

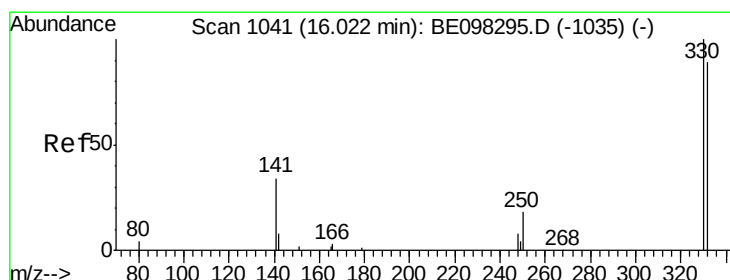
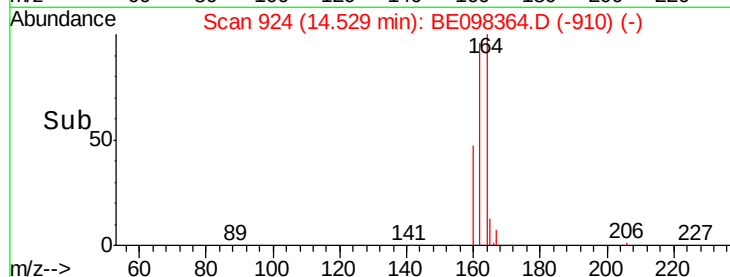
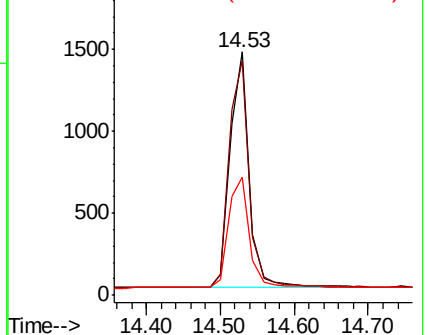
160 48.8 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.570 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

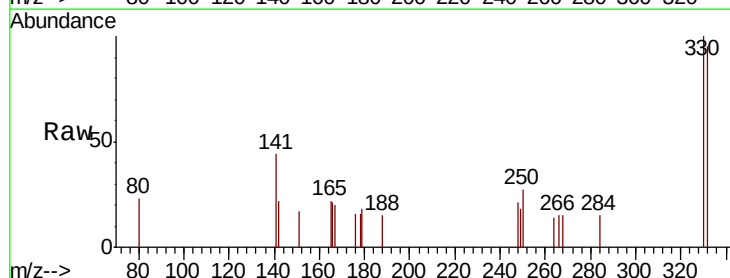
Tgt Ion:330 Resp: 547

Ion Ratio Lower Upper

330 100

332 98.4 76.2 114.4

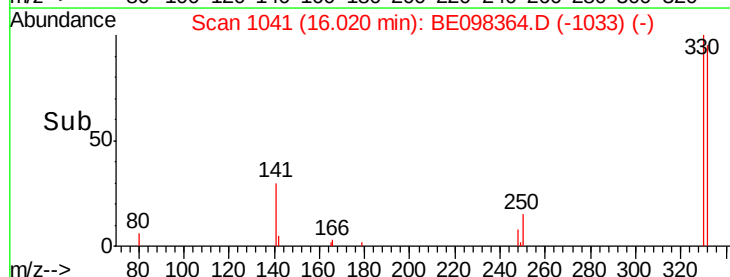
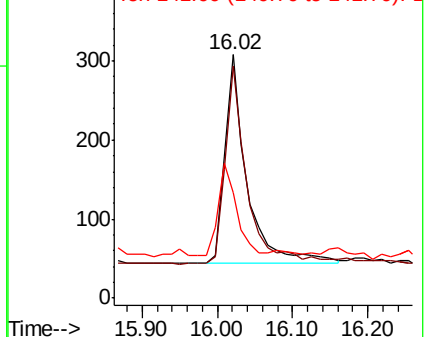
141 37.1 39.0 58.4#

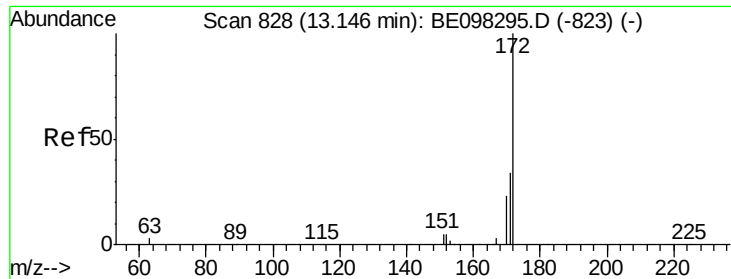


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

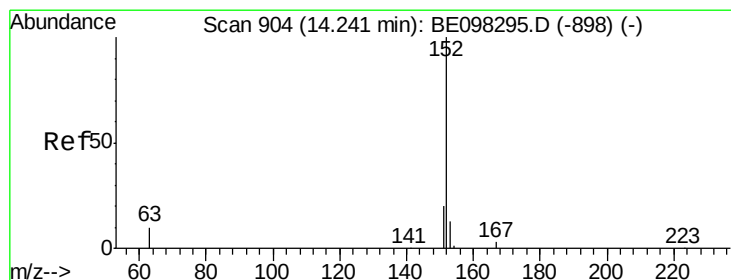
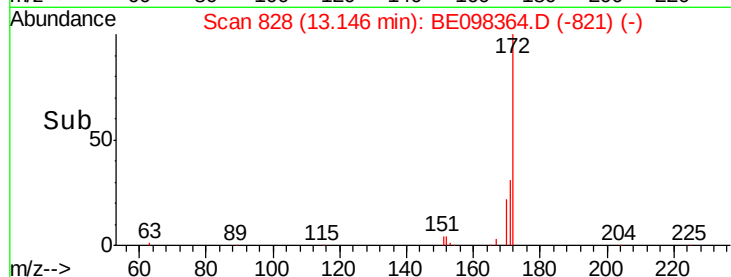
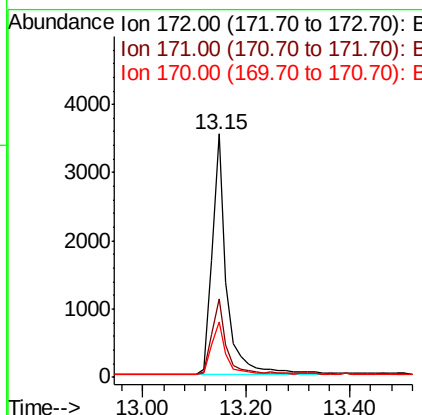
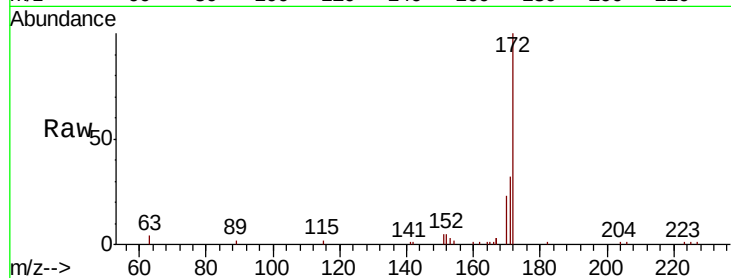




#15
2-Fluorobiphenyl
Concen: 0.632 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098364.D
Acq: 12 Dec 2018 16:56

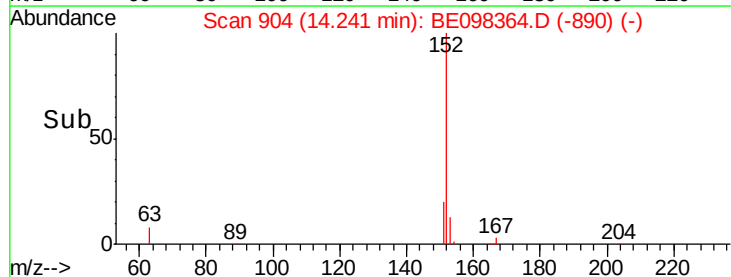
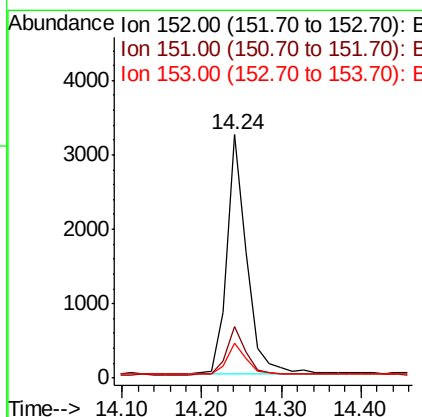
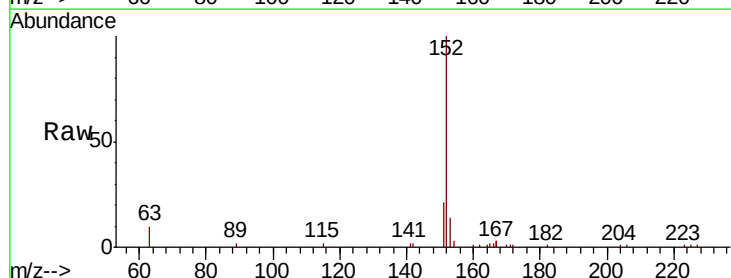
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

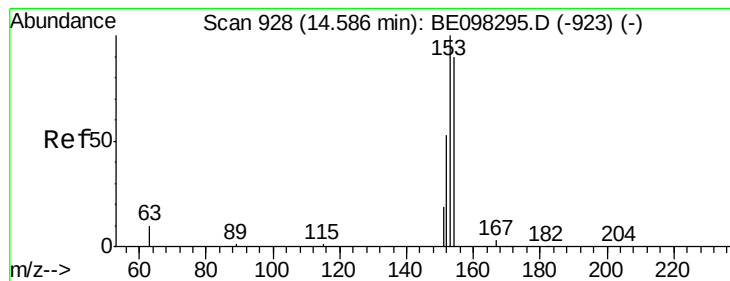
Tgt Ion:172 Resp: 6967
Ion Ratio Lower Upper
172 100
171 32.2 27.5 41.3
170 22.8 19.6 29.4



#16
Acenaphthylene
Concen: 0.456 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098364.D
Acq: 12 Dec 2018 16:56

Tgt Ion:152 Resp: 5577
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.4 10.6 16.0





#17

Acenaphthene

Concen: 0.439 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

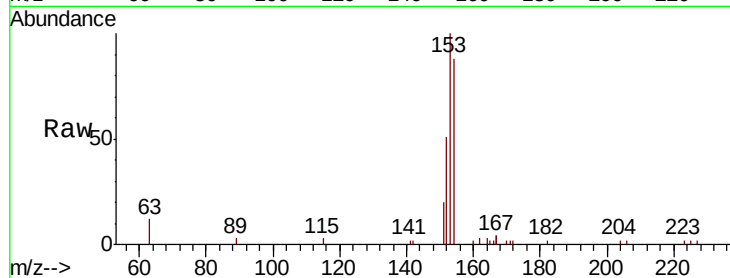
Tgt Ion:154 Resp: 3230

Ion Ratio Lower Upper

154 100

153 114.0 91.8 137.6

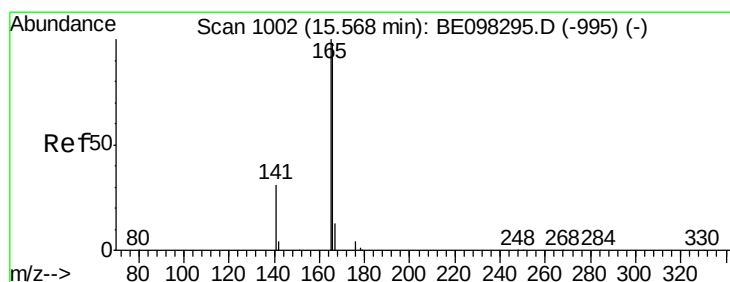
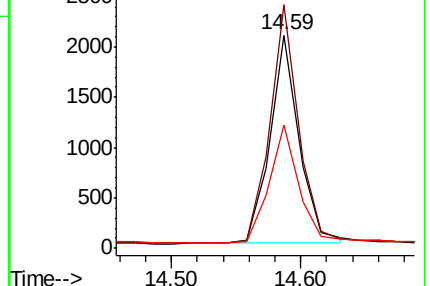
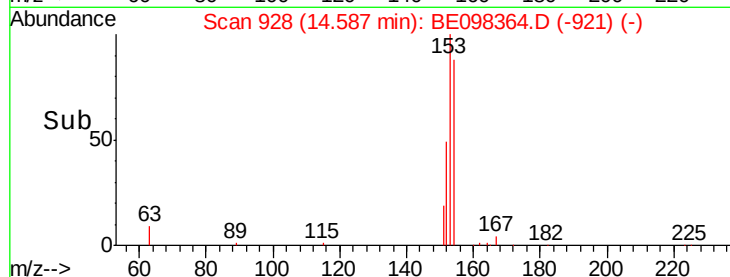
152 57.5 45.5 68.3



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: 0.460 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

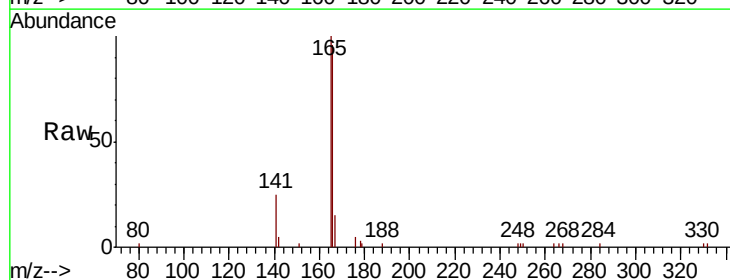
Tgt Ion:166 Resp: 4522

Ion Ratio Lower Upper

166 100

165 102.2 79.3 118.9

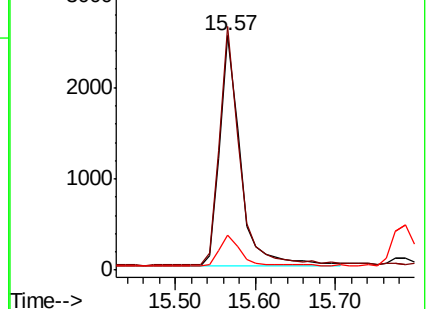
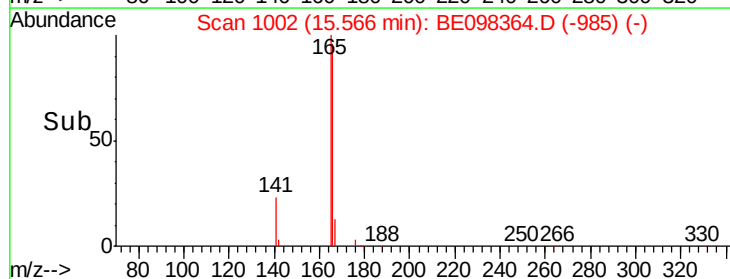
167 14.0 11.3 16.9

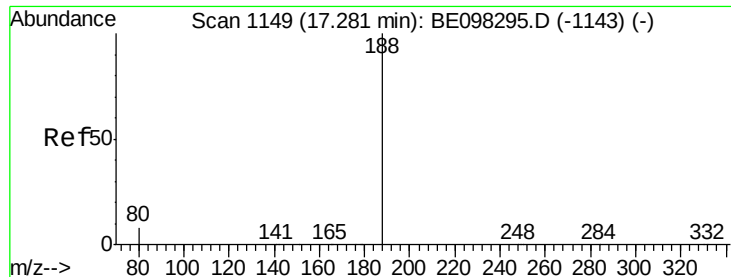


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

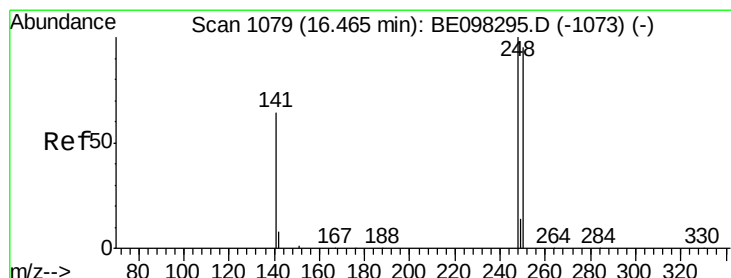
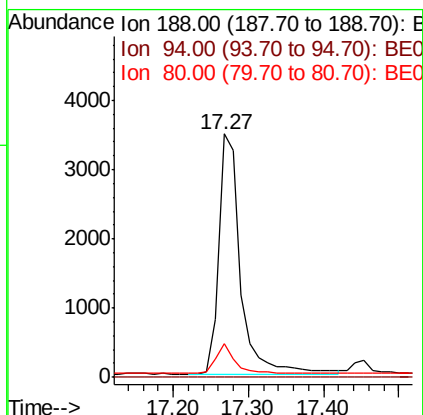
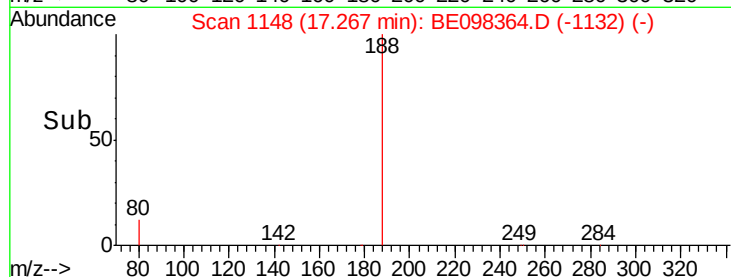
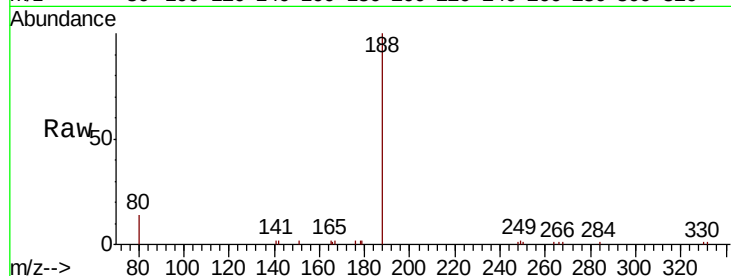
Tgt Ion:188 Resp: 7027

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 7.2 10.8#



#20

4-Bromophenyl-phenylether

Concen: 0.406 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

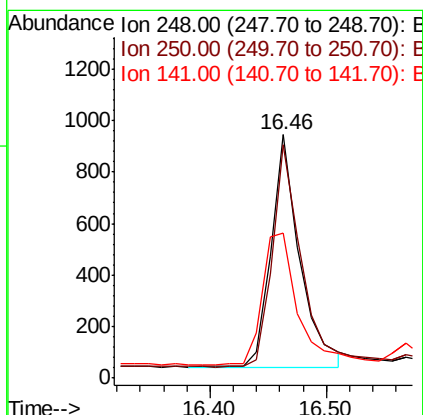
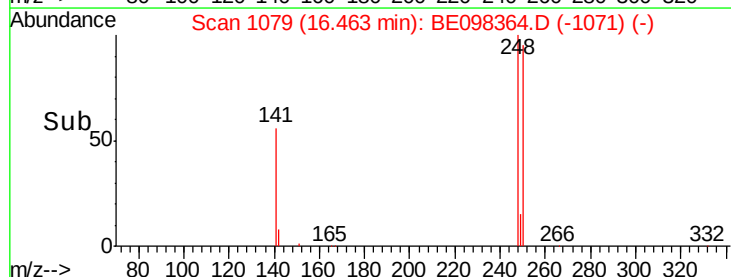
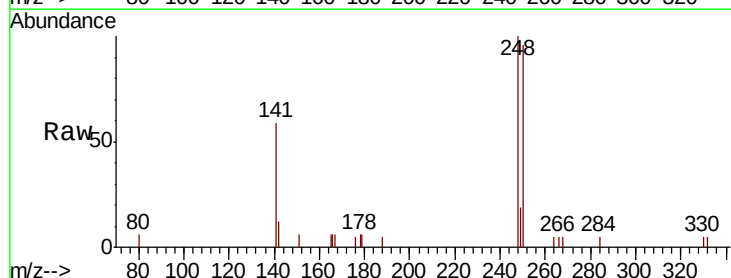
Tgt Ion:248 Resp: 1535

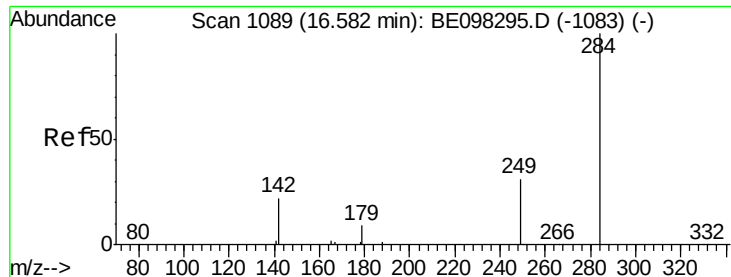
Ion Ratio Lower Upper

248 100

250 95.7 71.0 106.6

141 59.4 62.1 93.1#

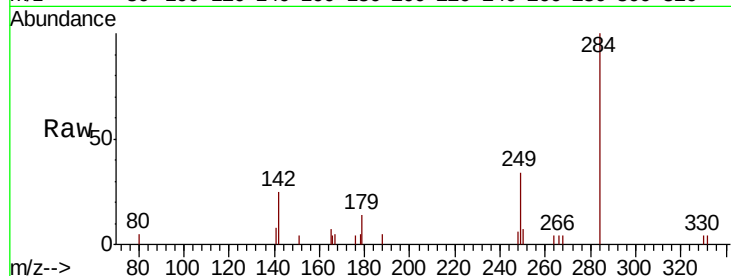




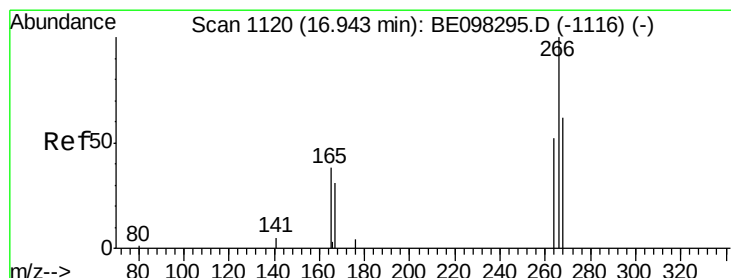
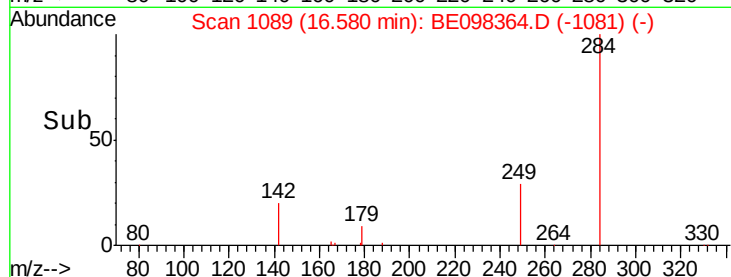
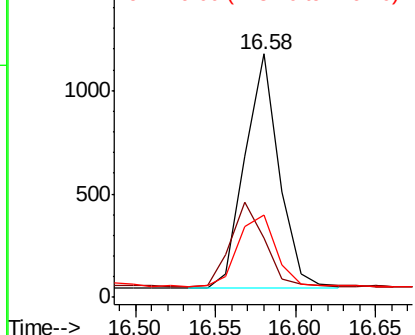
#21
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098364.D
Acq: 12 Dec 2018 16:56

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30312-20181207MS

Tgt Ion: 284 Resp: 1677
Ion Ratio Lower Upper
284 100
142 36.6 26.3 39.5
249 34.0 26.0 39.0

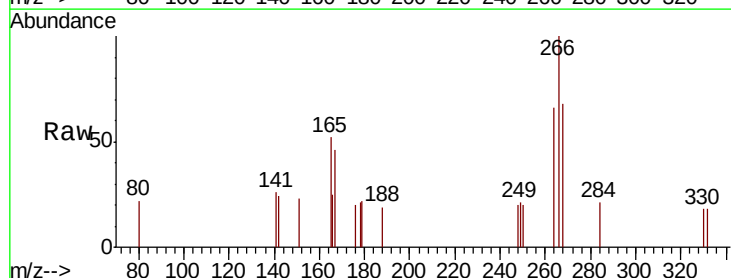


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

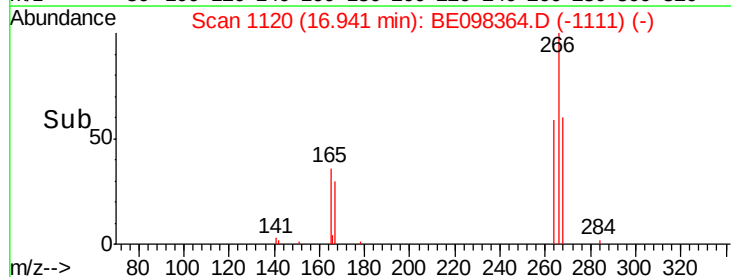
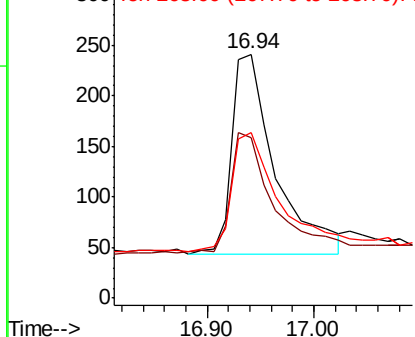


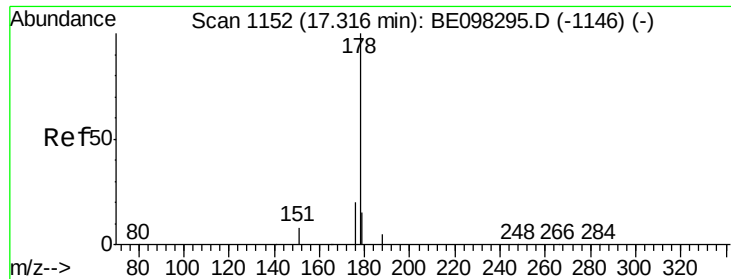
#22
Pentachlorophenol
Concen: 0.753 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098364.D
Acq: 12 Dec 2018 16:56

Tgt Ion: 266 Resp: 553
Ion Ratio Lower Upper
266 100
264 66.0 59.0 88.4
268 68.0 55.1 82.7



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: 0.479 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

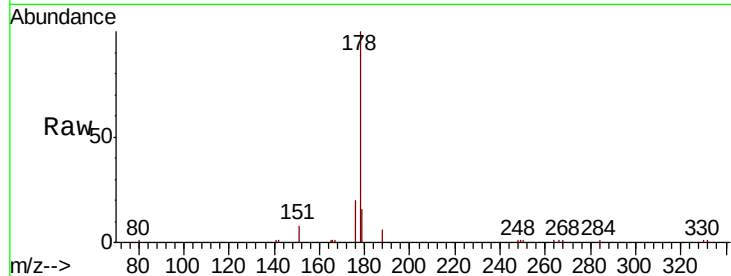
Tgt Ion:178 Resp: 8173

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

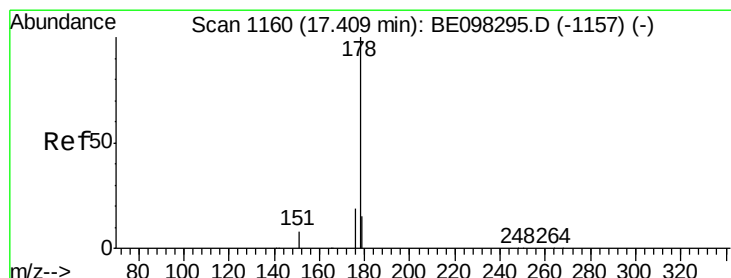
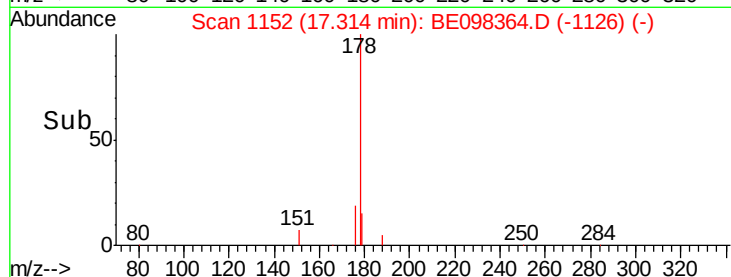
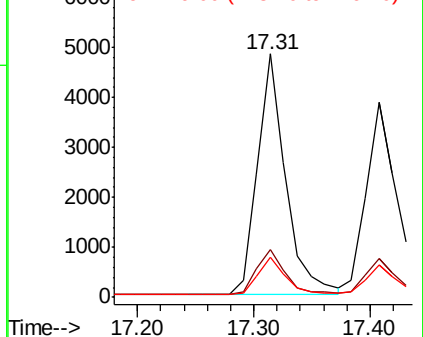
179 15.5 12.3 18.5



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: 0.444 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

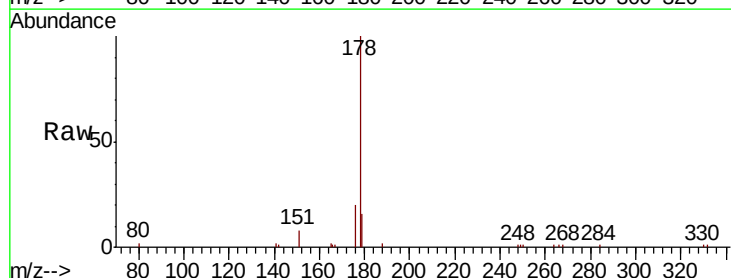
Tgt Ion:178 Resp: 6762

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

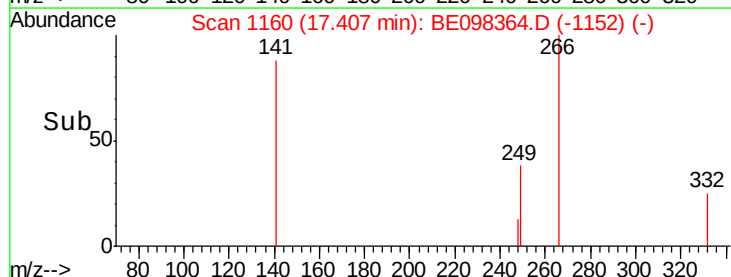
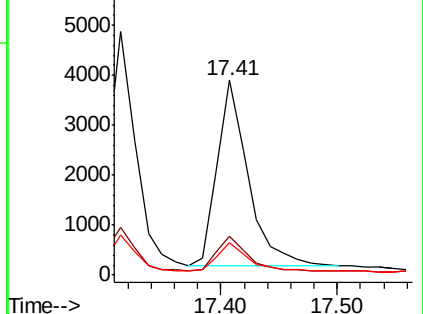
179 15.4 12.3 18.5

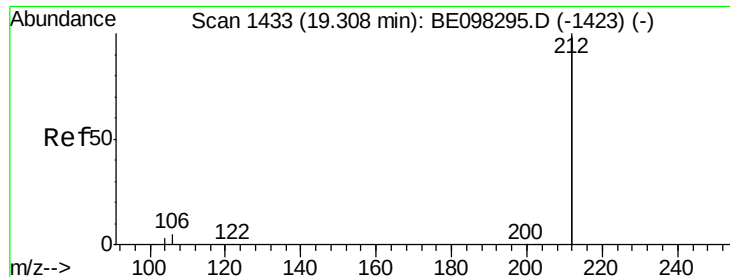


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.484 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

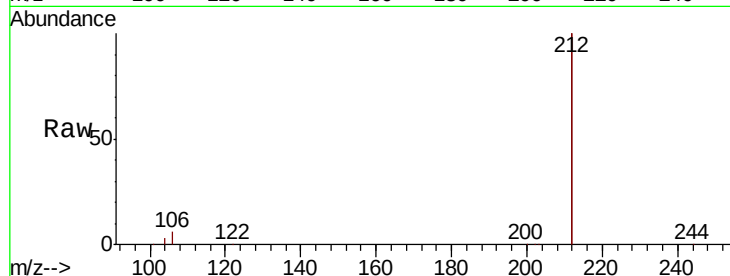
Tgt Ion:212 Resp: 43656

Ion Ratio Lower Upper

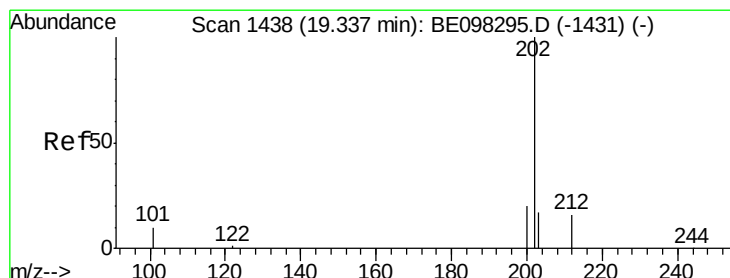
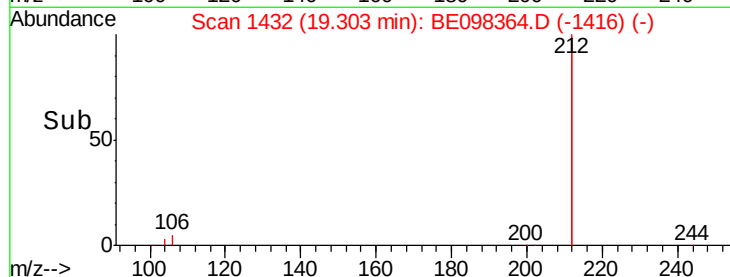
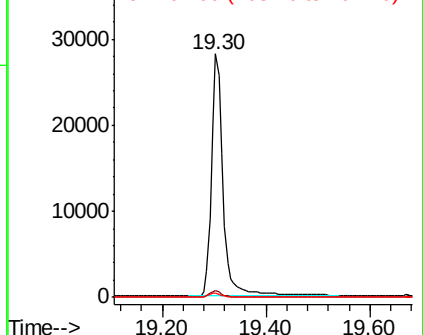
212 100

106 2.7 2.2 3.2

104 1.4 1.3 1.9



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: 0.504 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

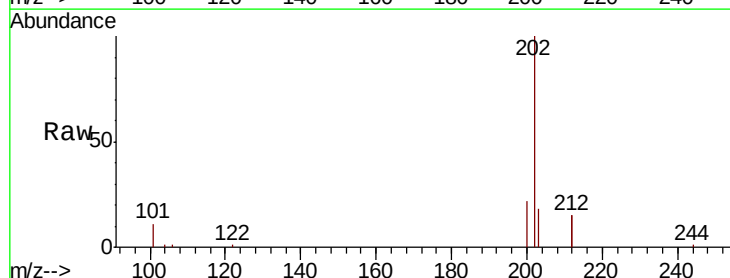
Tgt Ion:202 Resp: 11393

Ion Ratio Lower Upper

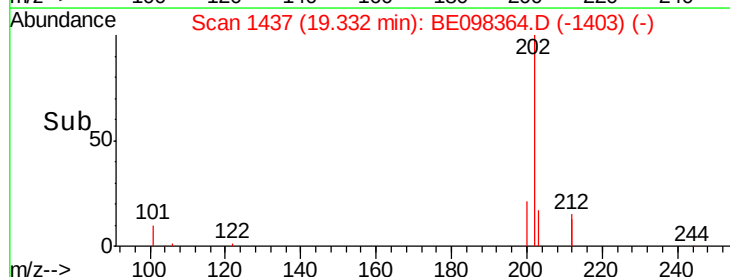
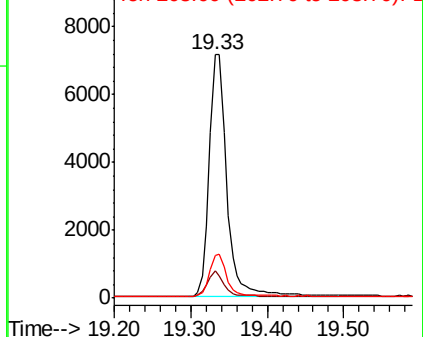
202 100

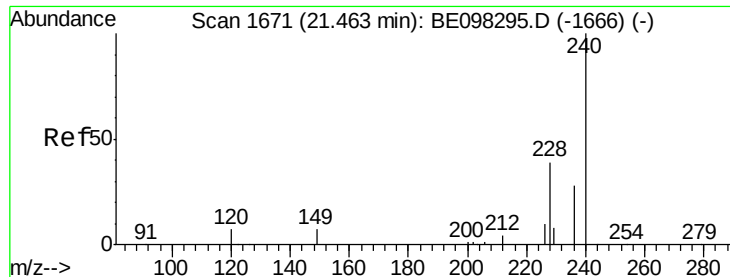
101 9.6 8.0 12.0

203 16.6 13.8 20.6



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: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

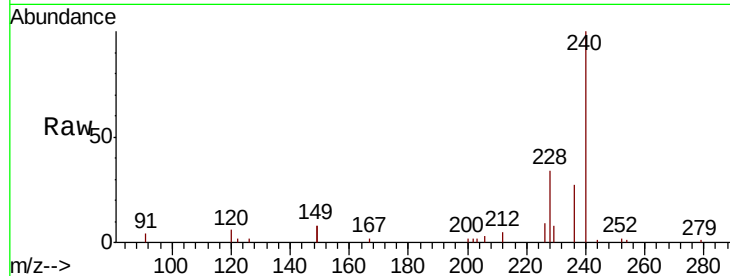
Tgt Ion:240 Resp: 8961

Ion Ratio Lower Upper

240 100

120 6.3 9.5 14.3#

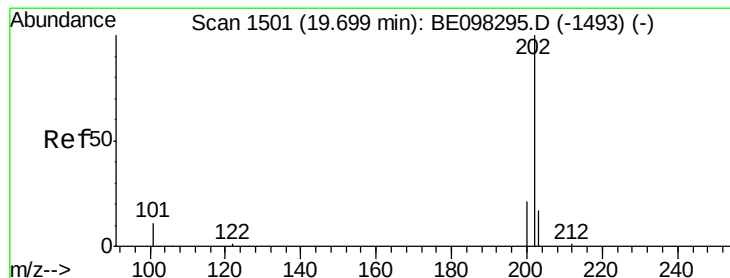
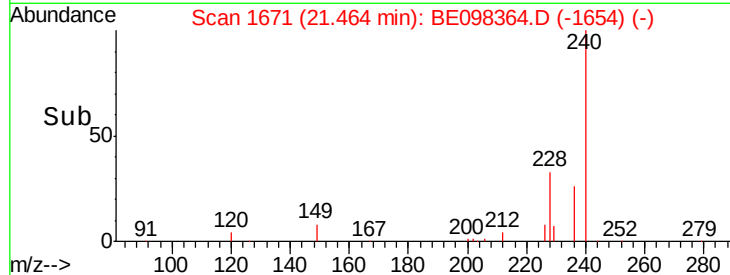
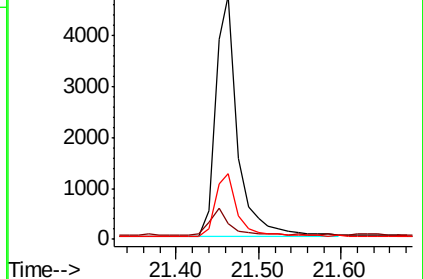
236 27.1 22.7 34.1



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: 0.411 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

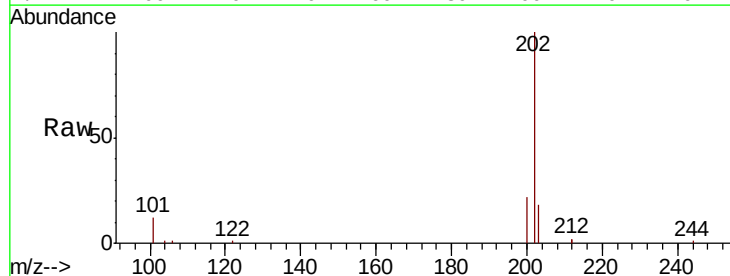
Tgt Ion:202 Resp: 11547

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

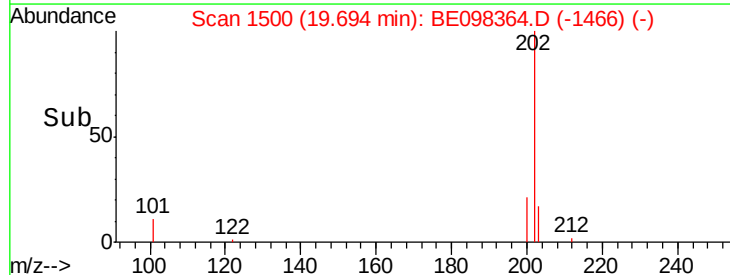
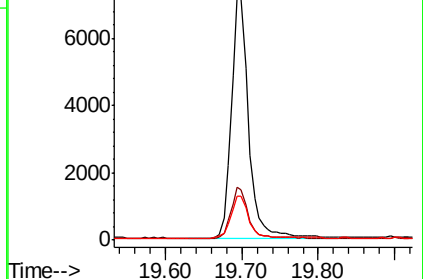
203 18.1 14.1 21.1

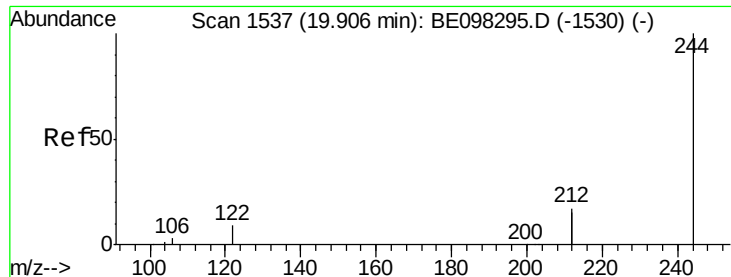


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.607 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

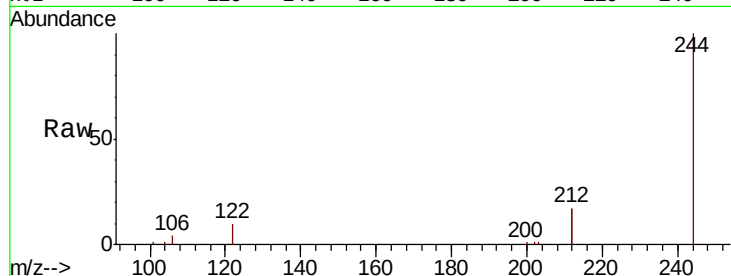
Tgt Ion:244 Resp: 13208

Ion Ratio Lower Upper

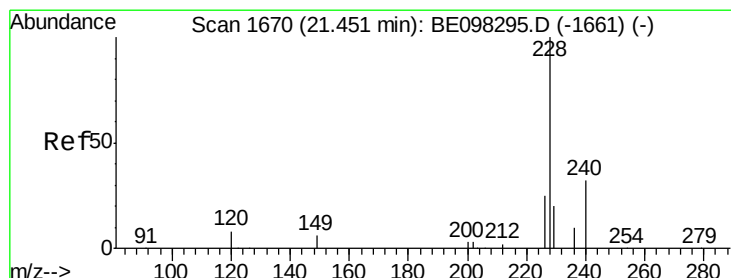
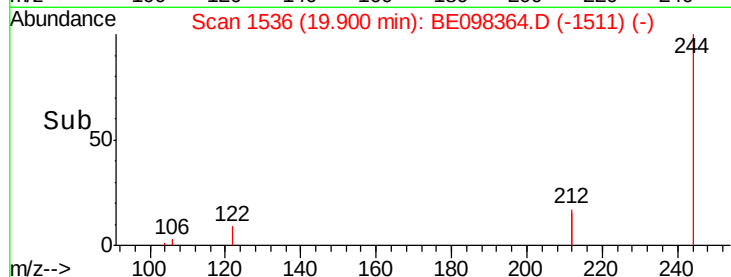
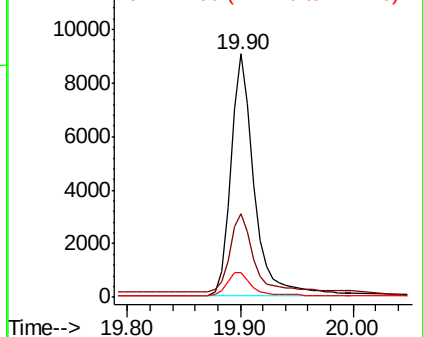
244 100

212 34.5 27.4 41.0

122 9.9 8.3 12.5



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: 0.471 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

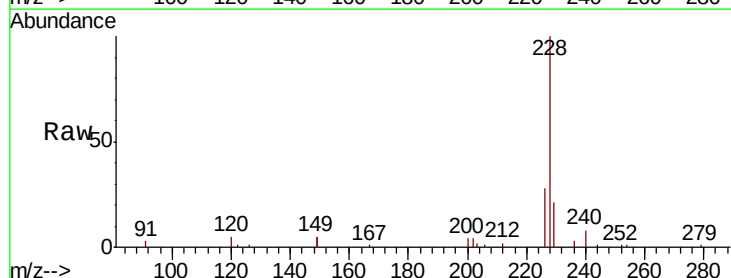
Tgt Ion:228 Resp: 12025

Ion Ratio Lower Upper

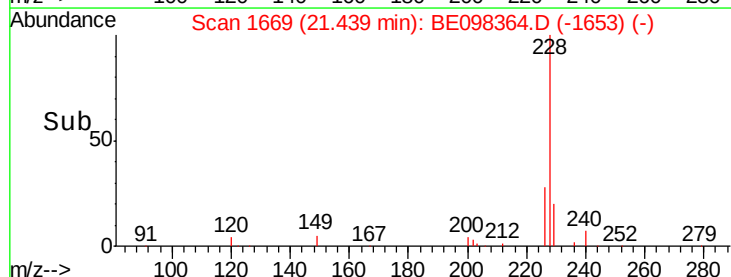
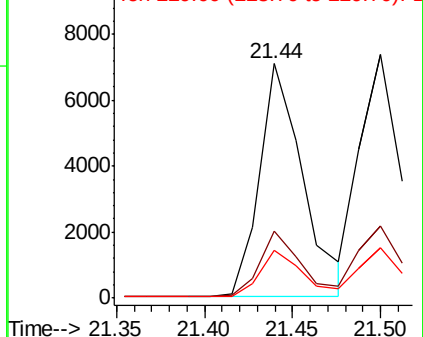
228 100

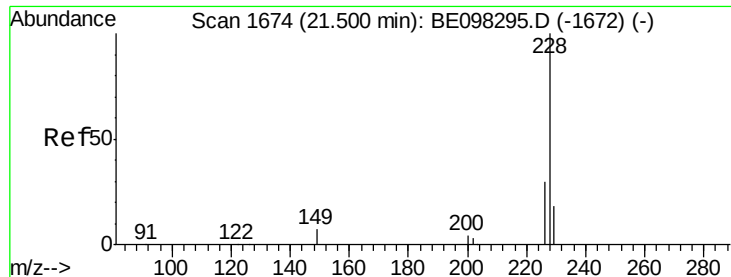
226 28.3 21.8 32.8

229 20.6 16.3 24.5



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: 0.456 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

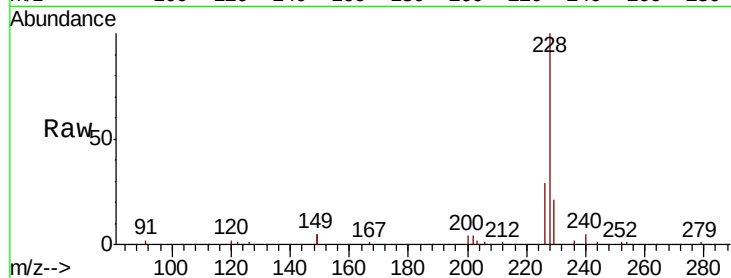
Tgt Ion:228 Resp: 12180

Ion Ratio Lower Upper

228 100

226 29.5 23.4 35.0

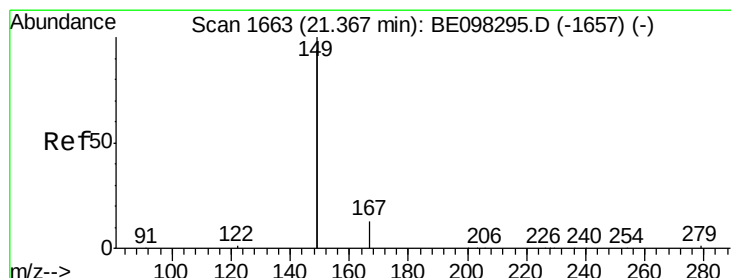
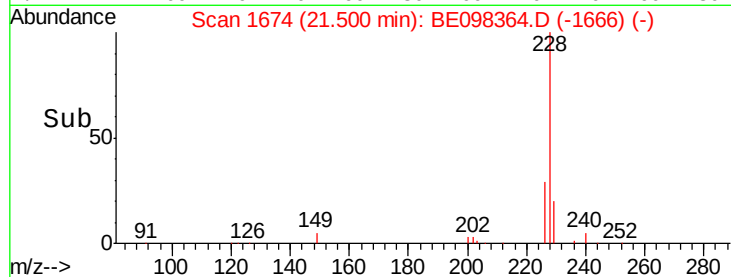
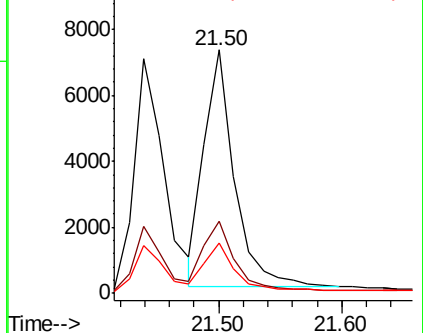
229 20.6 16.2 24.4



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: 0.496 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

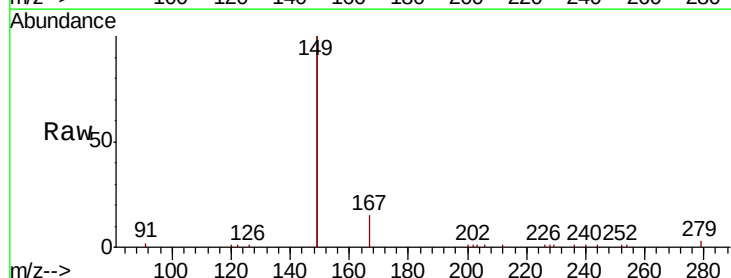
Tgt Ion:149 Resp: 25697

Ion Ratio Lower Upper

149 100

167 7.0 5.7 8.5

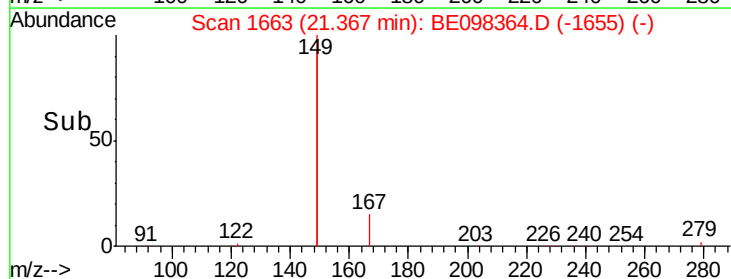
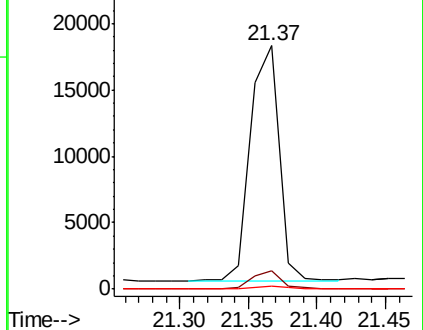
279 1.0 1.0 1.4

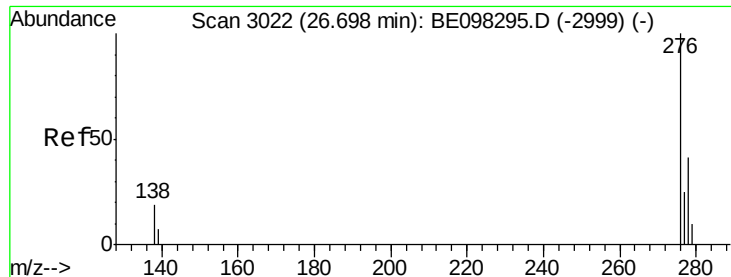


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

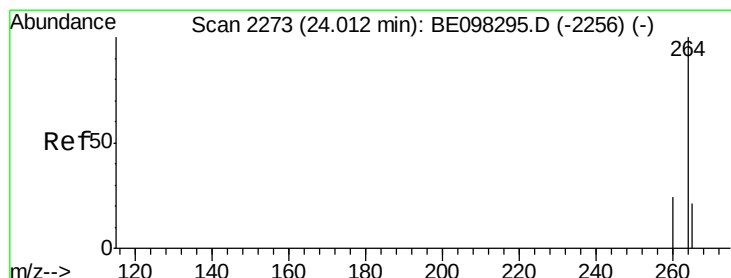
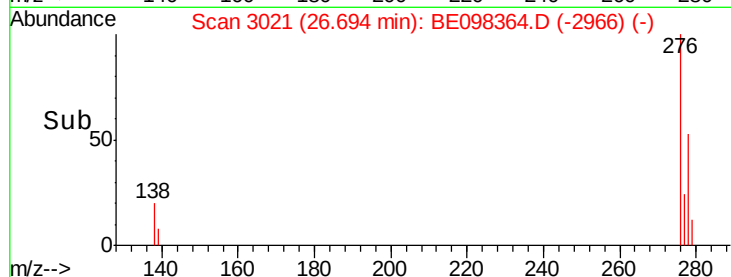
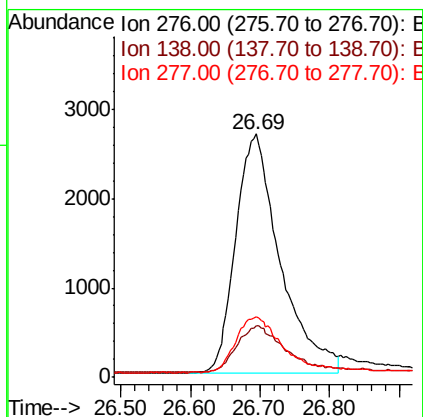
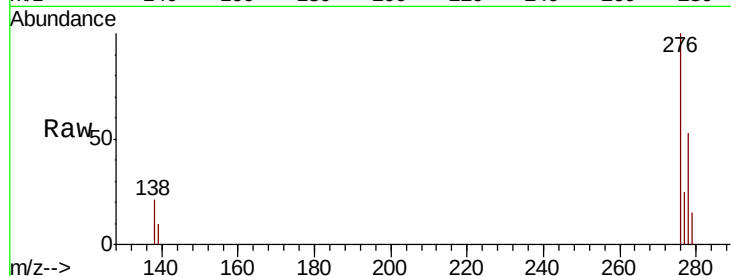




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.446 ng
 RT: 26.69 min Scan# 3021
 Delta R.T. -0.00 min
 Lab File: BE098364.D
 Acq: 12 Dec 2018 16:56

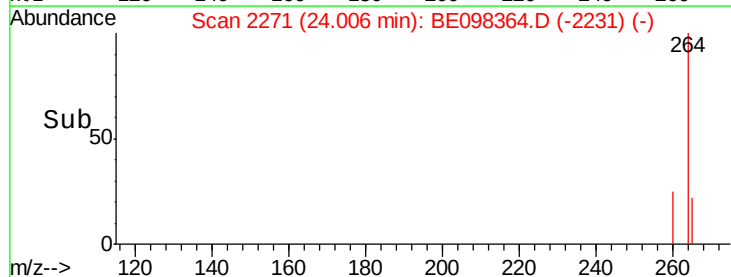
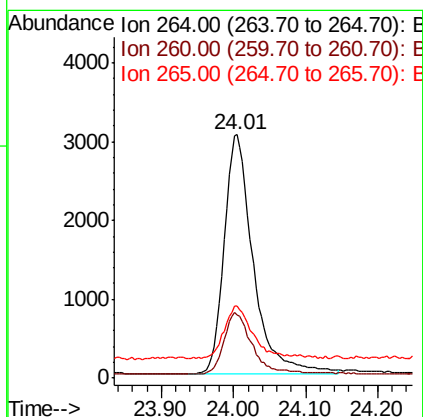
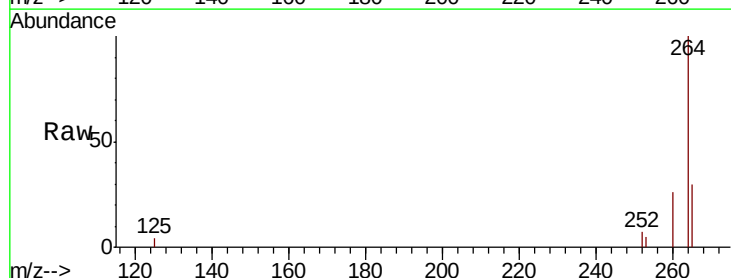
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

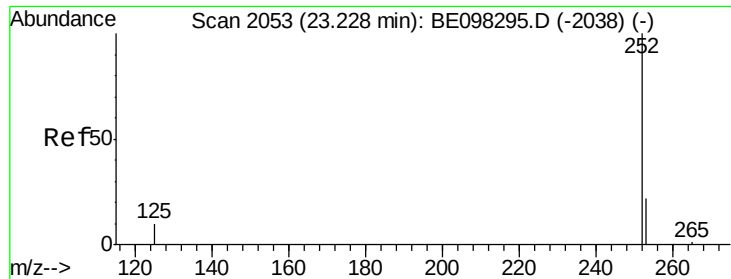
Tgt Ion: 276 Resp: 11855
 Ion Ratio Lower Upper
 276 100
 138 21.0 16.3 24.5
 277 24.8 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098364.D
 Acq: 12 Dec 2018 16:56

Tgt Ion: 264 Resp: 8362
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 29.5 25.2 37.8

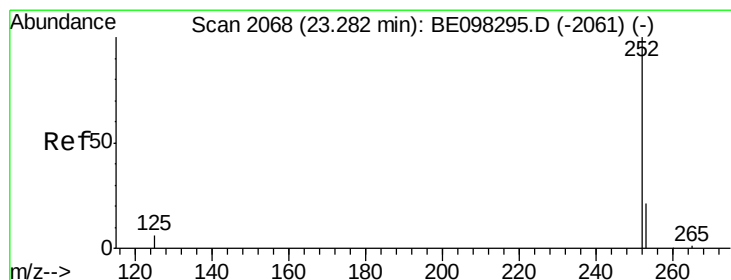
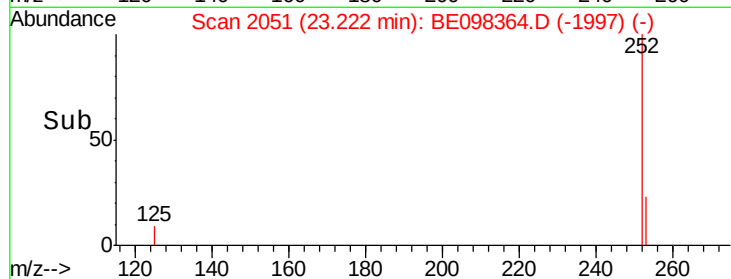
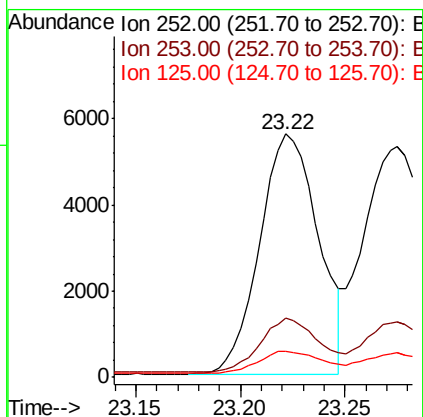
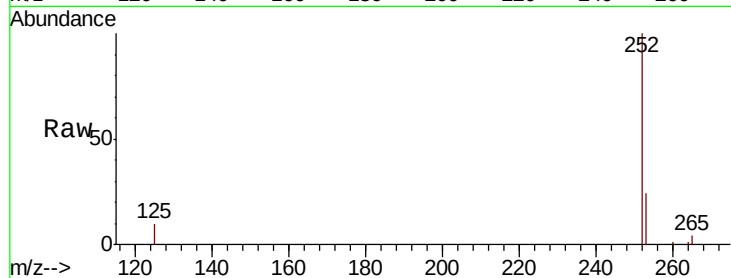




#35
Benzo(b)fluoranthene
Concen: 0.475 ng
RT: 23.22 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BE098364.D
Acq: 12 Dec 2018 16:56

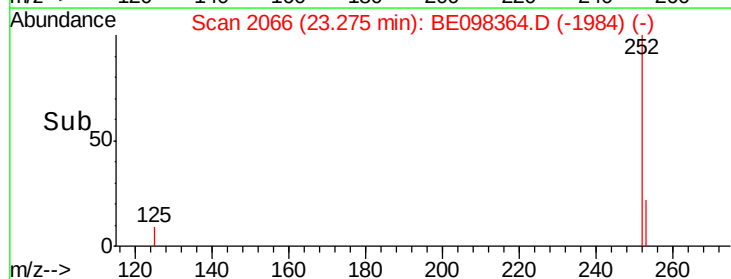
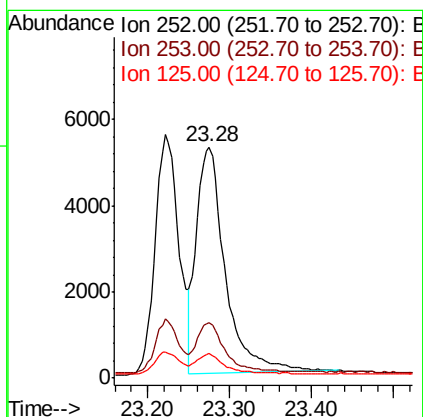
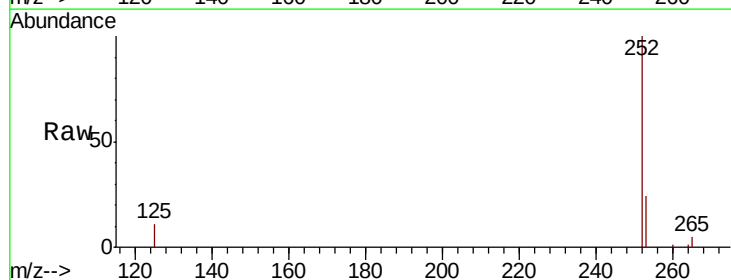
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

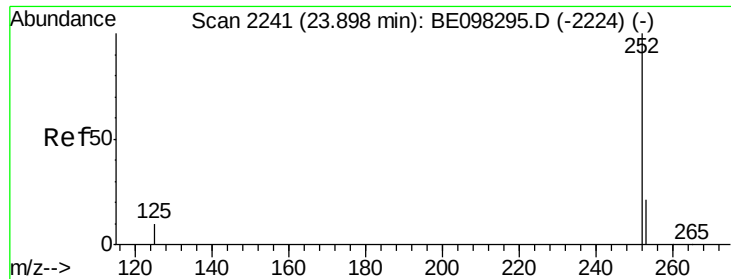
Tgt Ion:252 Resp: 10870
Ion Ratio Lower Upper
252 100
253 24.4 20.0 30.0
125 10.5 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.482 ng
RT: 23.28 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BE098364.D
Acq: 12 Dec 2018 16:56

Tgt Ion:252 Resp: 12844
Ion Ratio Lower Upper
252 100
253 24.2 19.0 28.6
125 10.6 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.475 ng

RT: 23.89 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS

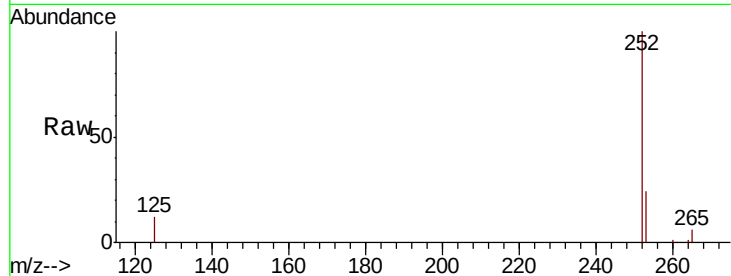
Tgt Ion: 252 Resp: 11216

Ion Ratio Lower Upper

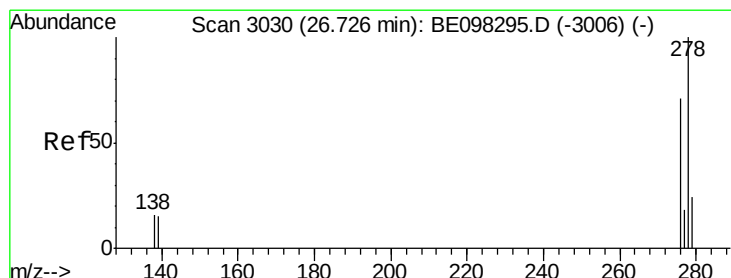
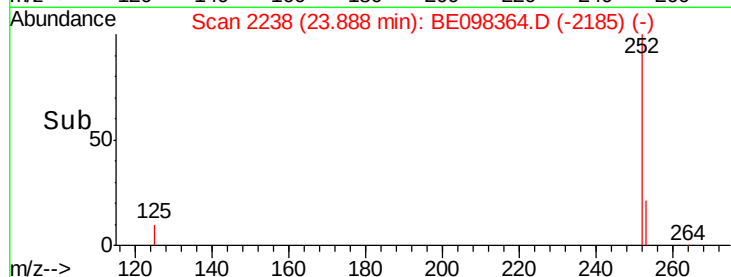
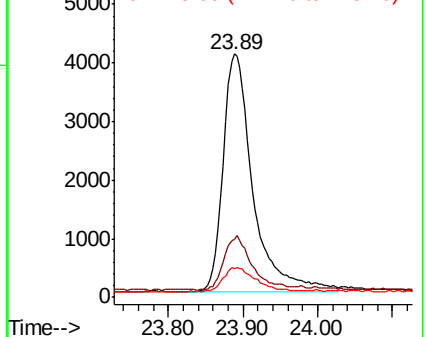
252 100

253 23.8 20.6 30.8

125 11.7 10.5 15.7



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: 0.449 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.01 min

Lab File: BE098364.D

Acq: 12 Dec 2018 16:56

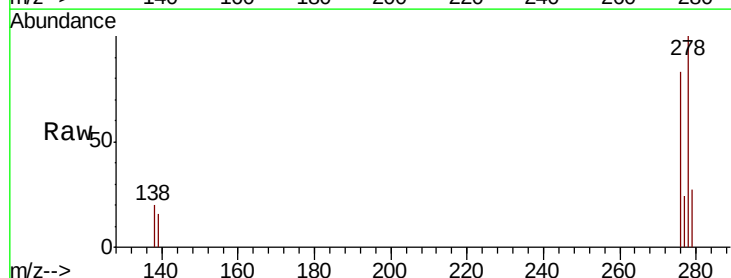
Tgt Ion: 278 Resp: 9985

Ion Ratio Lower Upper

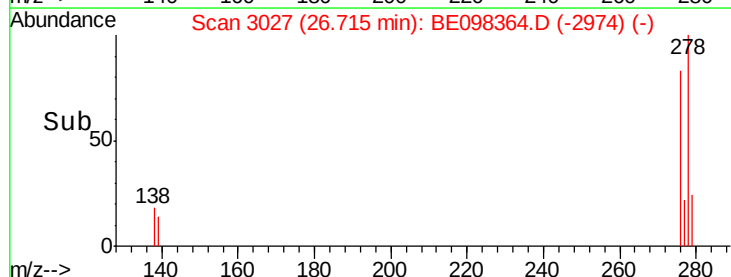
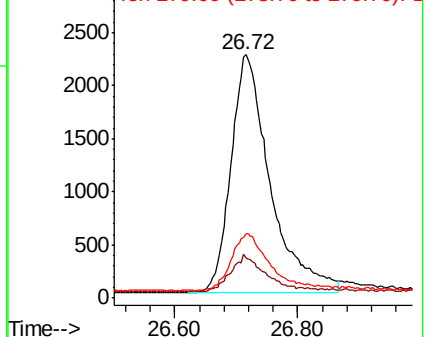
278 100

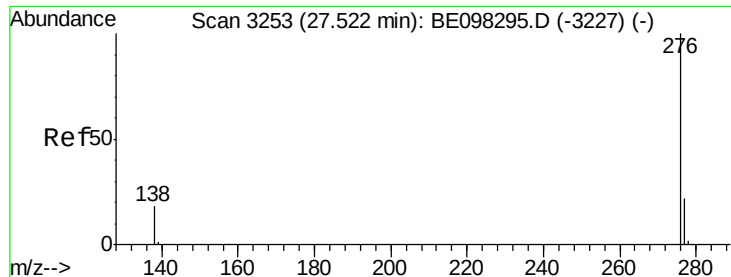
139 16.3 14.5 21.7

279 26.5 21.8 32.8



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: 0.473 ng

RT: 27.51 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BE098364.D

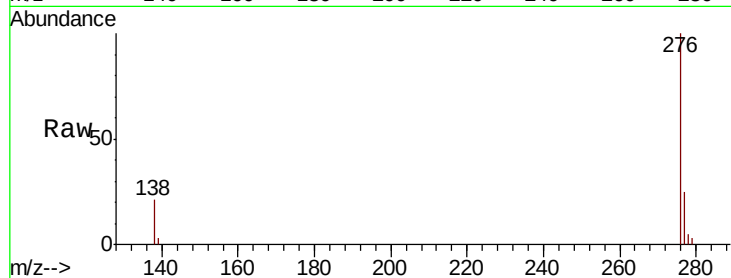
Acq: 12 Dec 2018 16:56

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MS



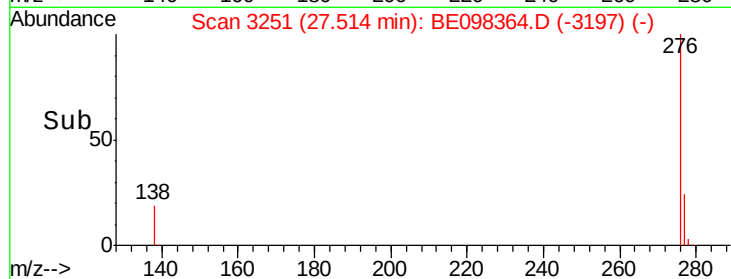
Tgt Ion: 276 Resp: 10583

Ion Ratio Lower Upper

276 100

277 25.2 20.8 31.2

138 20.7 15.8 23.6



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

