

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098305.D
 Acq On : 10 Dec 2018 19:26
 Operator : SJ/JU
 Sample : J6259-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20181205

Quant Time: Dec 11 00:48:23 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	1338	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5510	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3408	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9138	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11232	0.40	ng	0.00
34) Perylene-d12	24.01	264	10646	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	537	0.17	ng	0.01
5) Phenol-d6	7.05	99	374	0.08	ng	0.00
8) Nitrobenzene-d5	9.03	82	1735	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3515	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	494	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6989	0.49	ng	0.00
25) Fluoranthene-d10	19.31	212	50552	0.43	ng	0.00
29) Terphenyl-d14	19.91	244	13271	0.49	ng	0.00

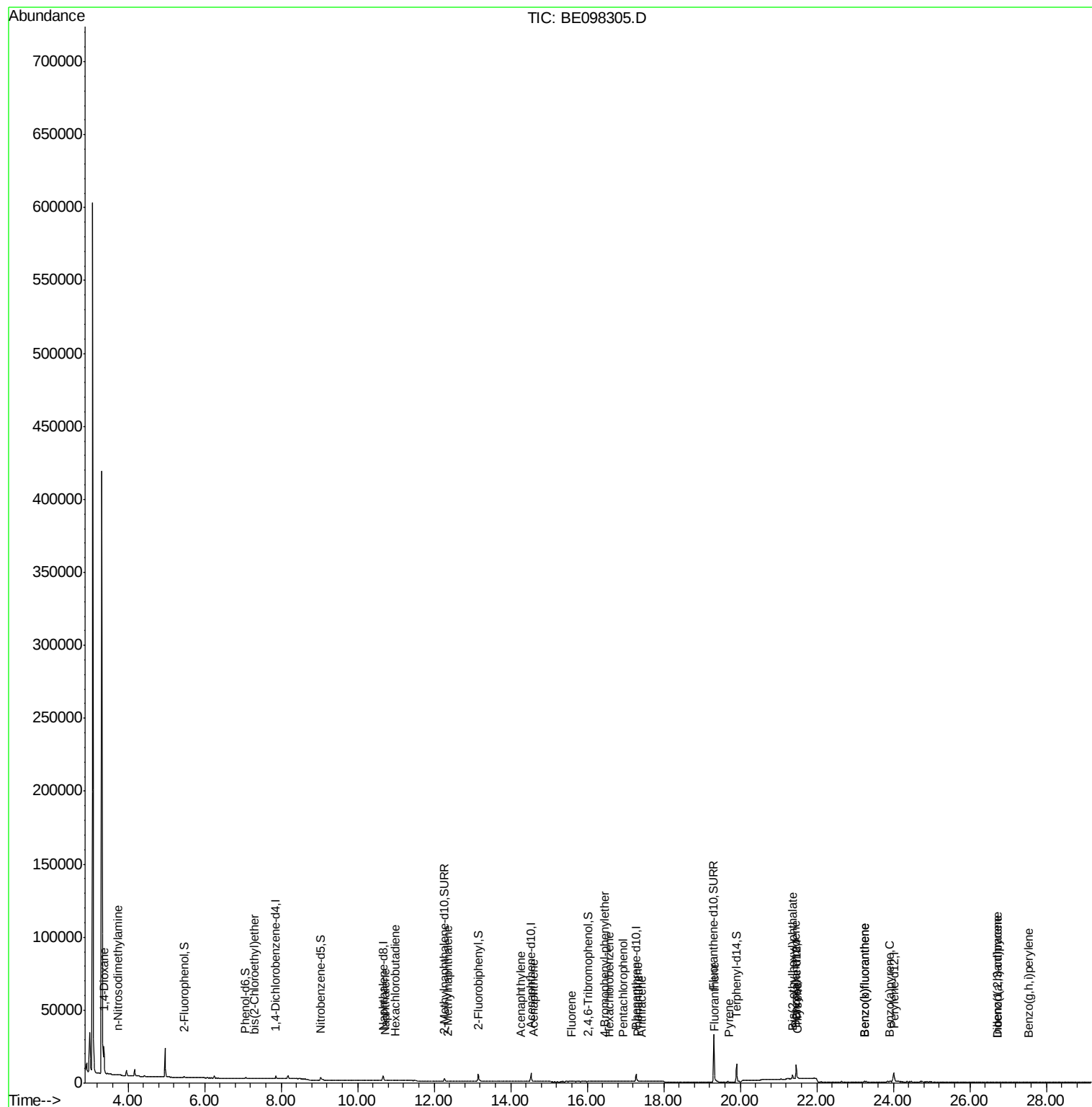
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	8076	3.490	ng	98
3) n-Nitrosodimethylamine	3.74	42	7	0.003	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	14	0.003	ng	# 1
9) Naphthalene	10.72	128	254	0.005	ng	# 55
10) Hexachlorobutadiene	10.99	225	5	0.001	ng	# 8
12) 2-Methylnaphthalene	12.35	142	29	0.003	ng	# 60
16) Acenaphthylene	14.27	152	15	0.001	ng	# 1
17) Acenaphthene	14.60	154	6	0.001	ng	# 1
18) Fluorene	15.58	166	12	0.001	ng	# 34
20) 4-Bromophenyl-phenylether	16.46	248	10	0.002	ng	# 67
21) Hexachlorobenzene	16.57	284	5	0.001	ng	# 11
22) Pentachlorophenol	16.94	266	21	0.042	ng	# 73
23) Phenanthrene	17.32	178	149	0.007	ng	# 69
24) Anthracene	17.41	178	43	0.002	ng	# 74
26) Fluoranthene	19.34	202	222	0.008	ng	# 92
28) Pyrene	19.70	202	204	0.006	ng	# 64
30) Benzo(a)anthracene	21.45	228	236	0.007	ng	# 28
31) Chrysene	21.50	228	118	0.004	ng	# 17
32) Bis(2-ethylhexyl)phthalate	21.37	149	4127	0.064	ng	98
33) Indeno(1,2,3-cd)pyrene	26.71	276	48	0.001	ng	96
35) Benzo(b)fluoranthene	23.24	252	156	0.005	ng	# 1
36) Benzo(k)fluoranthene	23.24	252	156	0.005	ng	# 1
37) Benzo(a)pyrene	23.89	252	51	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	26.73	278	4	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.53	276	34	0.001	ng	# 1

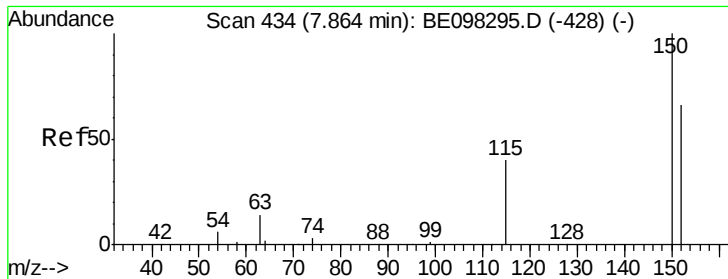
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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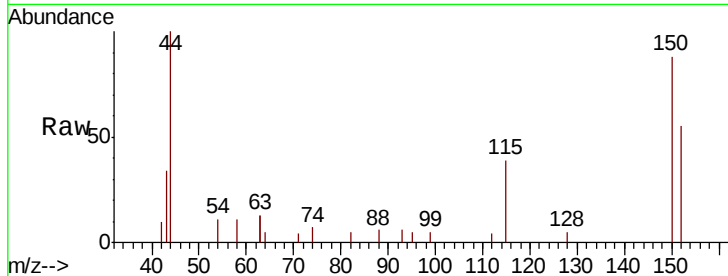


#1

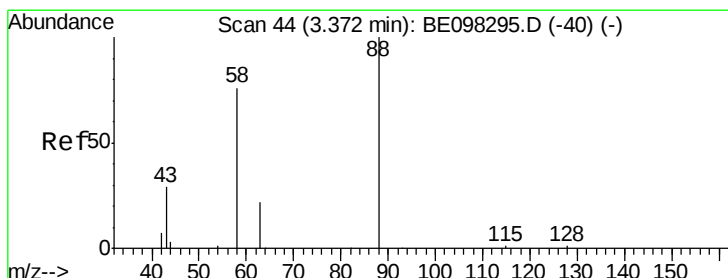
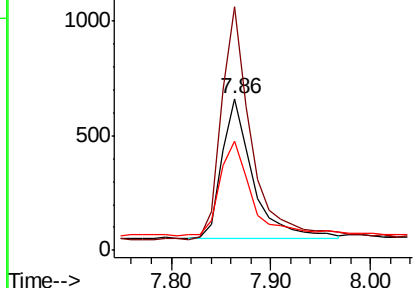
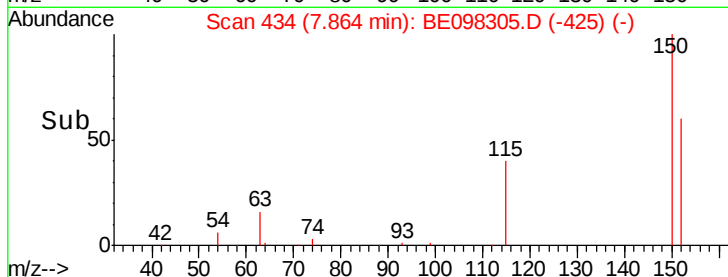
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20181205

Tgt Ion:152 Resp: 1338
Ion Ratio Lower Upper
152 100
150 160.6 124.2 186.4
115 72.2 53.9 80.9



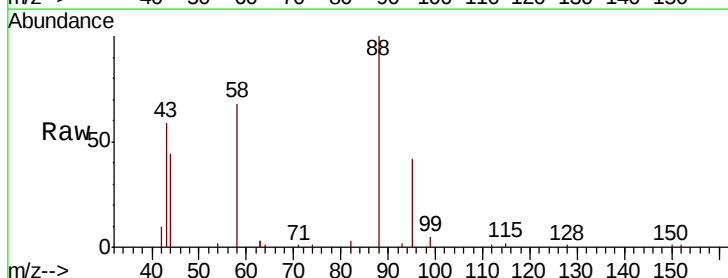
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



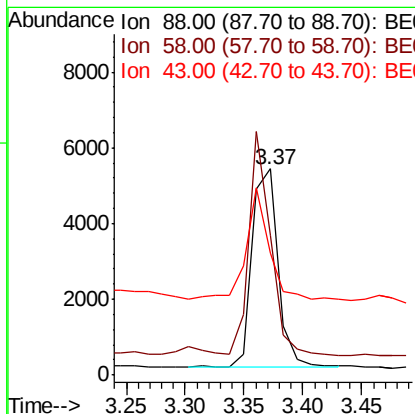
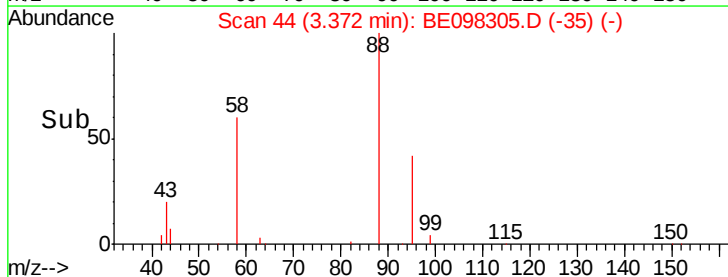
#2

1,4-Dioxane
Concen: 3.490 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

Tgt Ion: 88 Resp: 8076
Ion Ratio Lower Upper
88 100
58 94.4 75.0 112.6
43 50.3 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



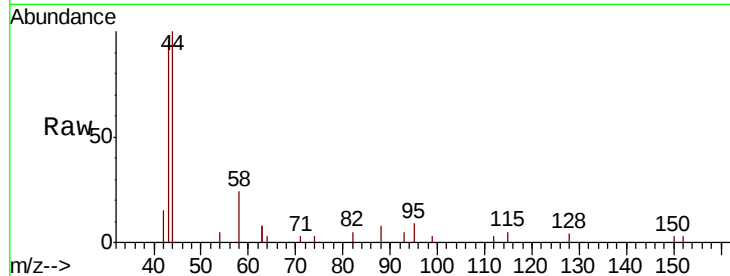


#3

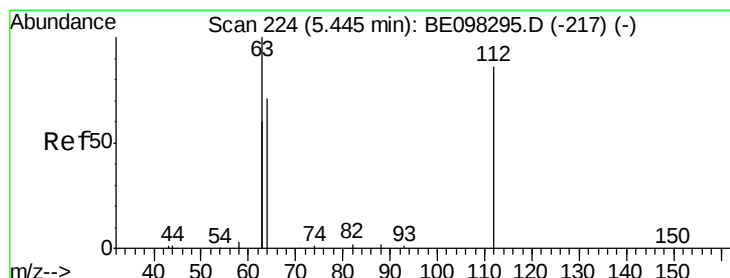
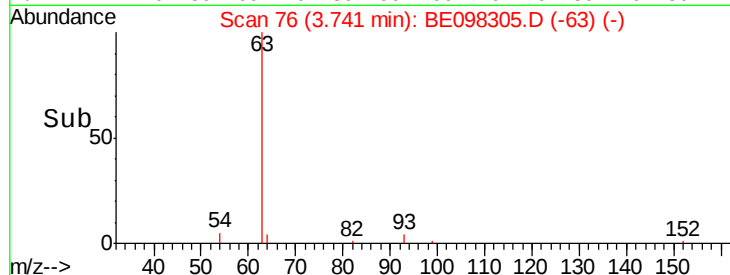
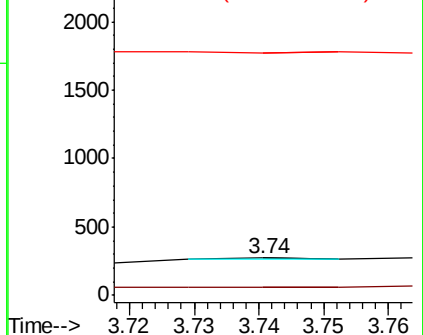
n-Nitrosodimethylamine
 Concen: 0.003 ng
 RT: 3.74 min Scan# 76
 Delta R.T. 0.05 min
 Lab File: BE098305.D
 Acq: 10 Dec 2018 19:26

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305I-20181205

Tgt Ion: 42 Resp: 7
 Ion Ratio Lower Upper
 42 100
 74 142.9 0.0 0.0#
 44 0.0 0.0 0.0



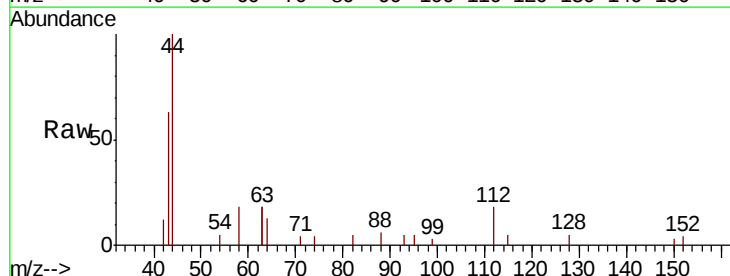
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



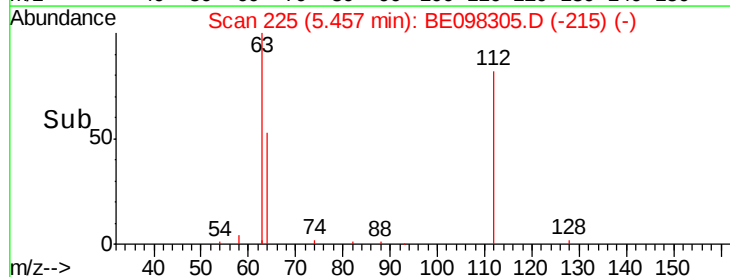
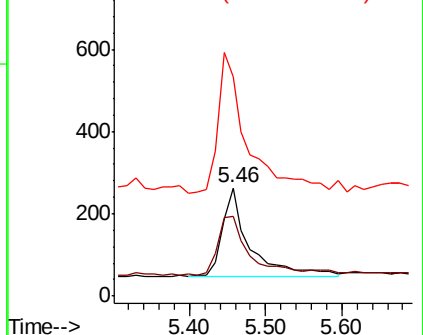
#4

2-Fluorophenol
 Concen: 0.171 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098305.D
 Acq: 10 Dec 2018 19:26

Tgt Ion: 112 Resp: 537
 Ion Ratio Lower Upper
 112 100
 64 78.2 59.8 89.8
 63 171.3 133.7 200.5



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: 0.084 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

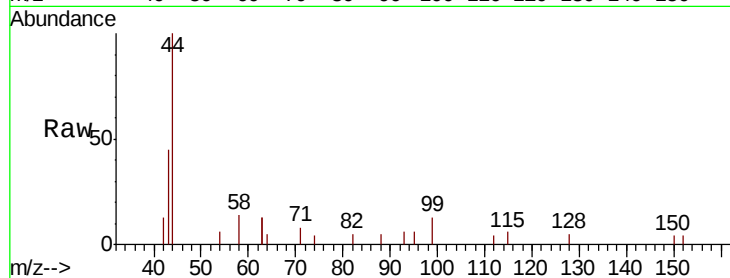
Tgt Ion: 99 Resp: 374

Ion Ratio Lower Upper

99 100

42 43.6 26.3 39.5#

71 48.1 33.6 50.4

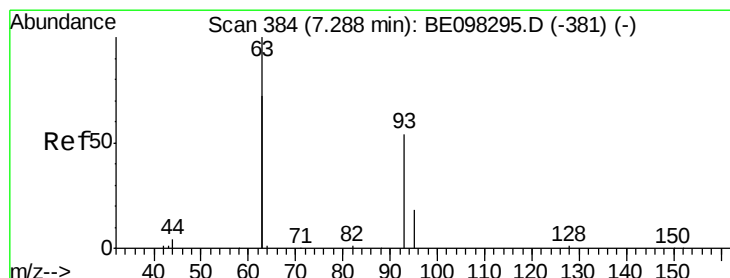
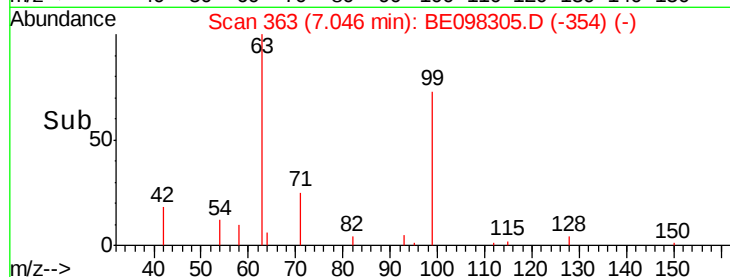
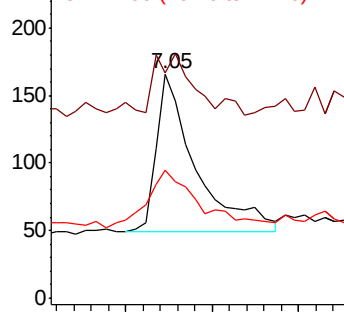


Abundance

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: 0.003 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

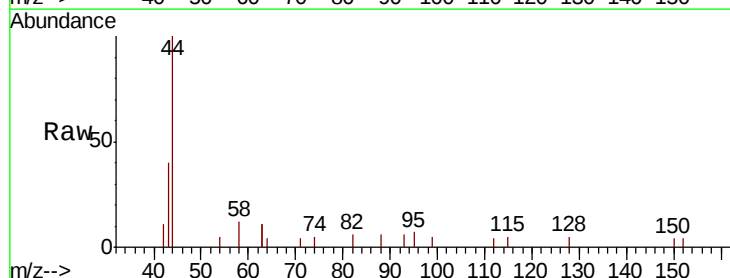
Tgt Ion: 93 Resp: 14

Ion Ratio Lower Upper

93 100

63 0.0 264.4 396.6#

95 571.4 26.6 40.0#

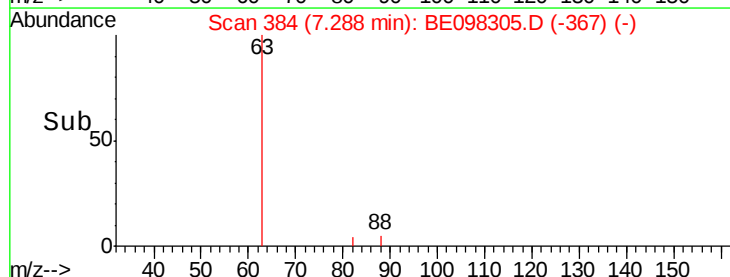
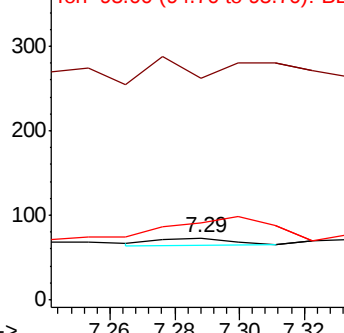


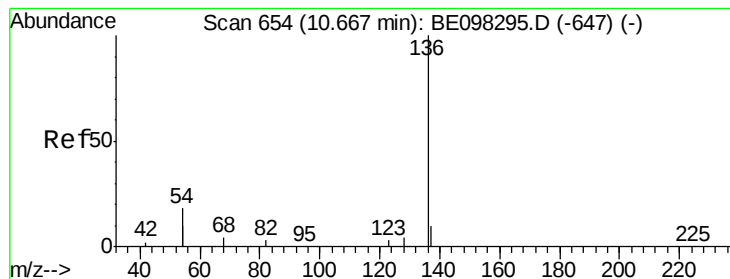
Abundance

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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

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ClientSampleId :

BPS1-TT-MW305I-20181205

Tgt Ion:136 Resp: 5510

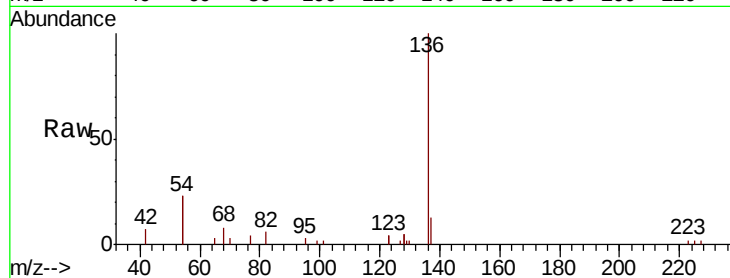
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 45.1 28.4 42.6#

68 8.2 5.4 8.0#

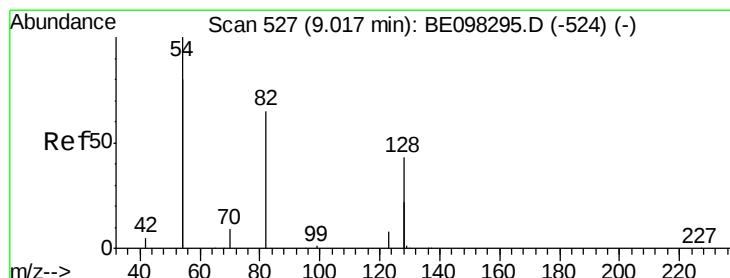
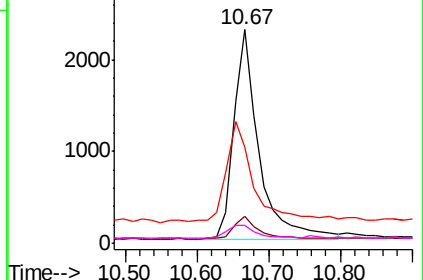
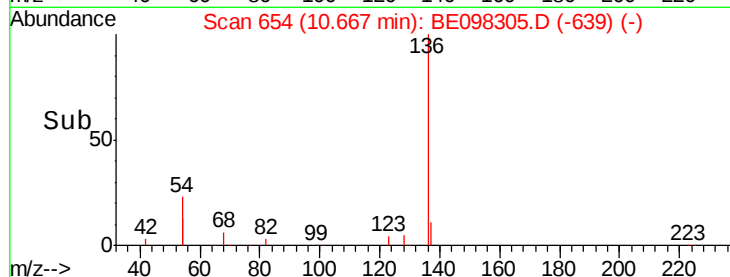


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.346 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

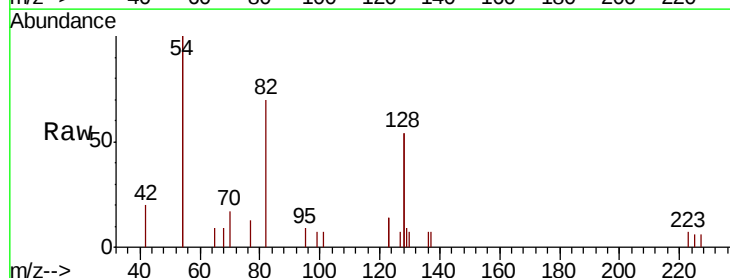
Tgt Ion: 82 Resp: 1735

Ion Ratio Lower Upper

82 100

128 154.3 102.4 153.6#

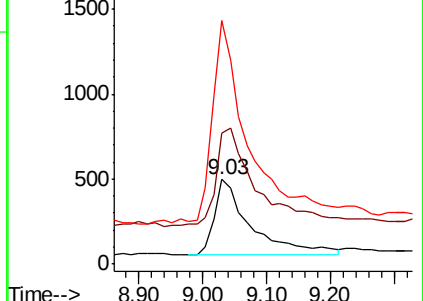
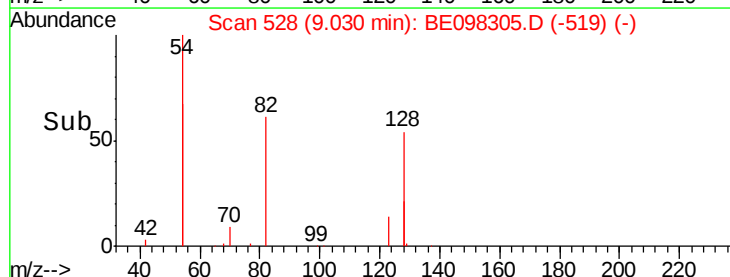
54 287.0 221.8 332.8

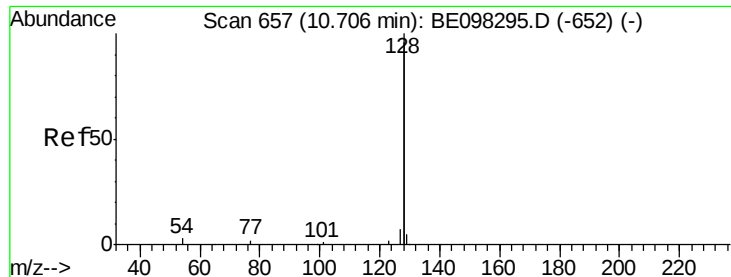


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.005 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098305.D

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ClientSampleId :

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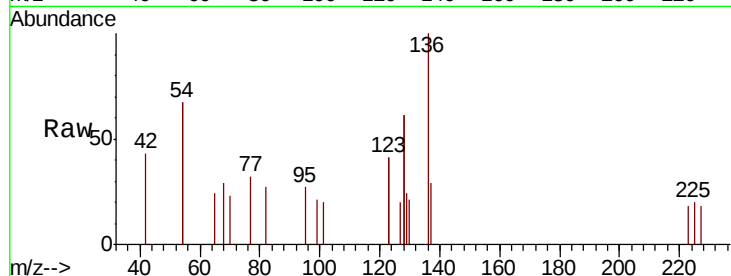
Tgt Ion:128 Resp: 254

Ion Ratio Lower Upper

128 100

129 19.7 2.5 3.7#

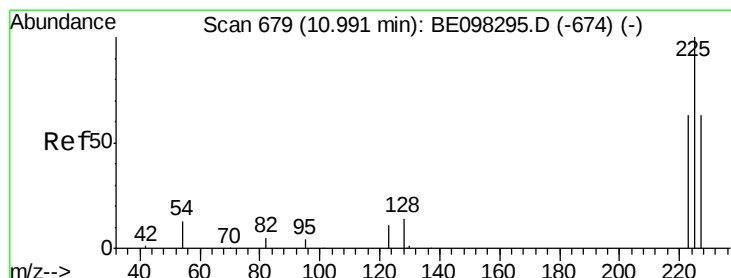
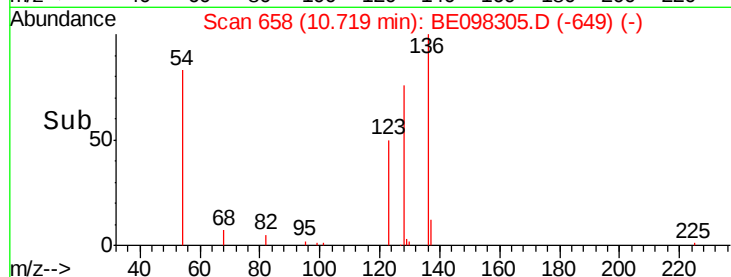
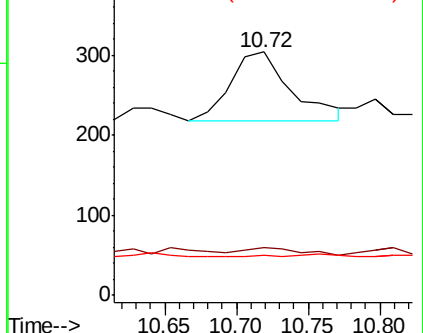
127 16.4 2.7 4.1#



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: 0.001 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

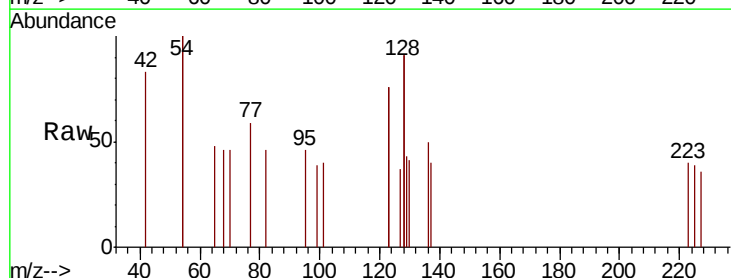
Tgt Ion:225 Resp: 5

Ion Ratio Lower Upper

225 100

223 140.0 49.4 74.0#

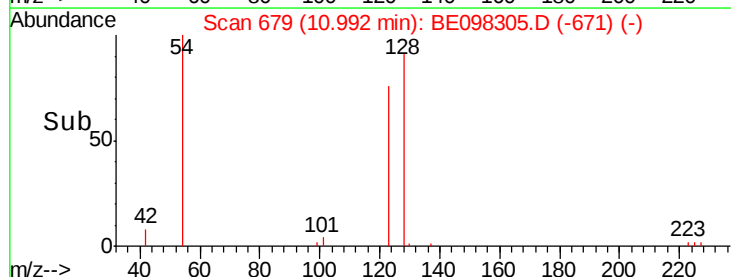
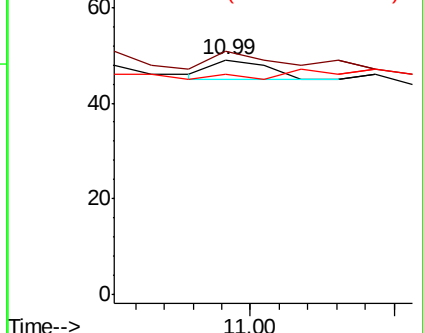
227 0.0 52.0 78.0#



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: 0.392 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098305.D

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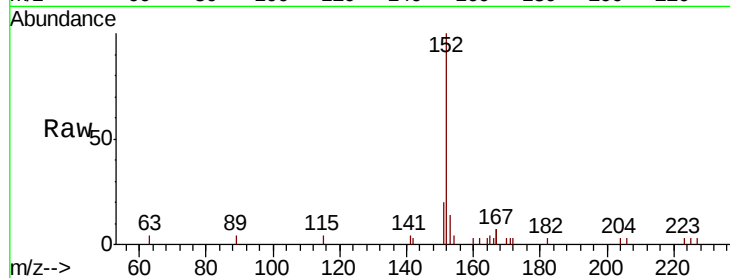
BPS1-TT-MW305I-20181205

Tgt Ion:152 Resp: 3515

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

1500

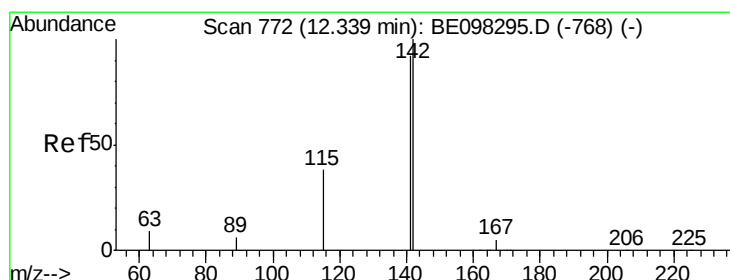
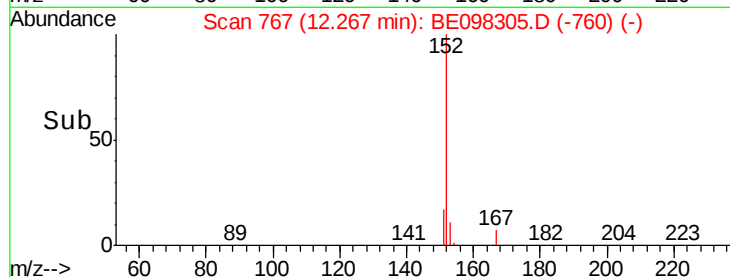
1000

500

0

Time-->

12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.003 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.01 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

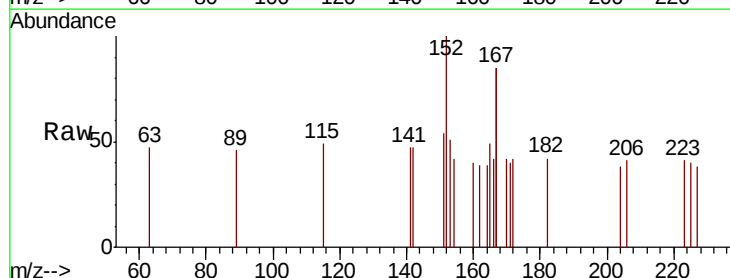
Tgt Ion:142 Resp: 29

Ion Ratio Lower Upper

142 100

141 100.0 71.0 106.6

115 103.6 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

80

60

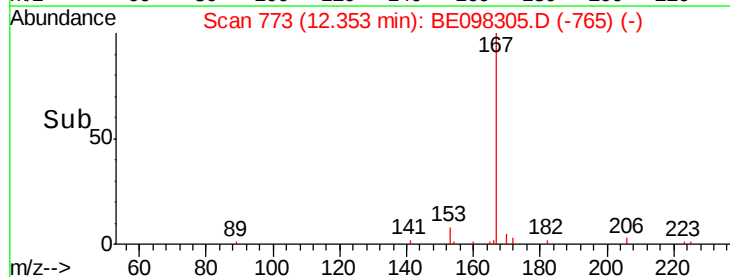
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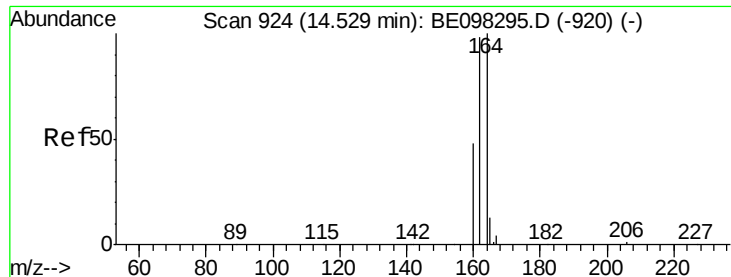
20

0

Time-->

12.30 12.35 12.40

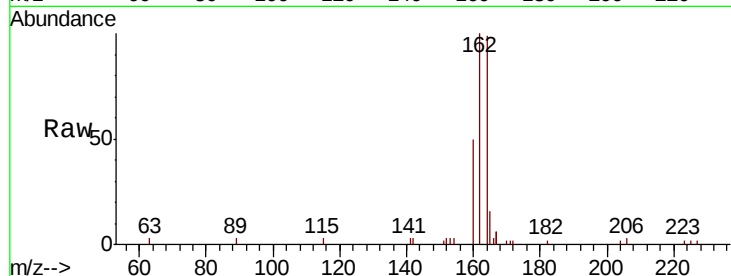




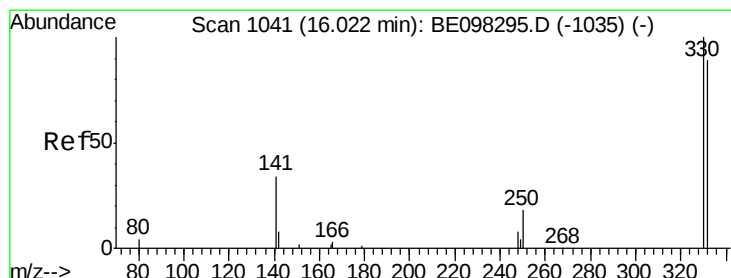
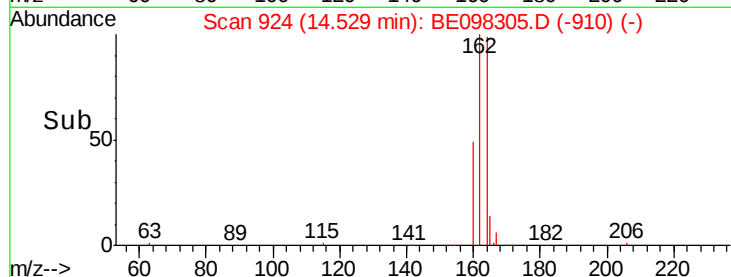
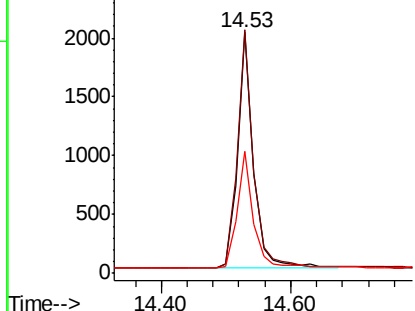
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20181205

Tgt Ion:164 Resp: 3408
Ion Ratio Lower Upper
164 100
162 101.2 77.6 116.4
160 50.9 36.0 54.0

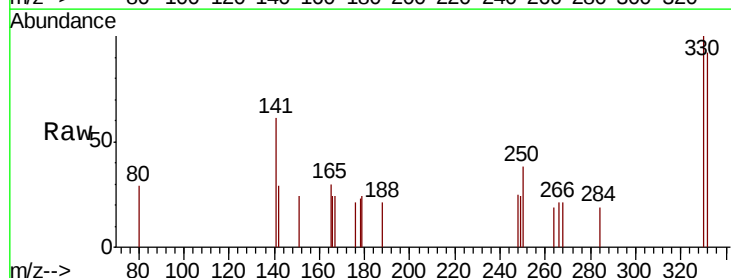


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

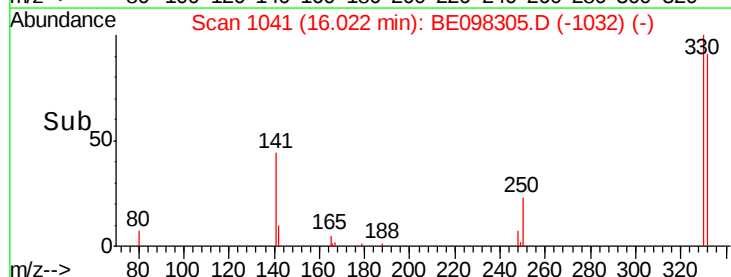
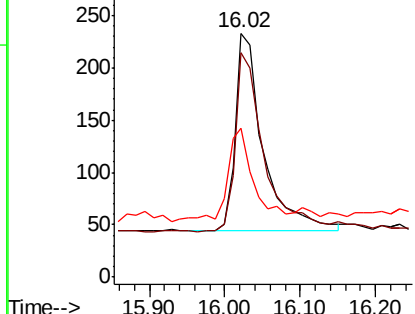


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

Tgt Ion:330 Resp: 494
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 39.1 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

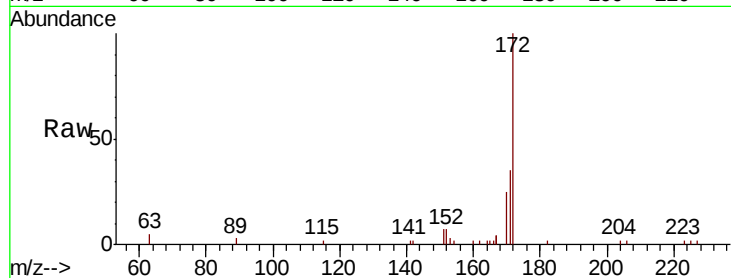




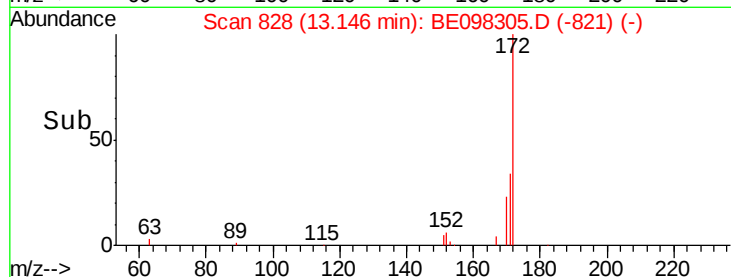
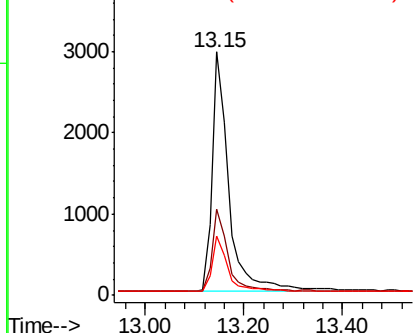
#15
2-Fluorobiphenyl
Concen: 0.486 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20181205

Tgt Ion:172 Resp: 6989
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 24.5 19.6 29.4

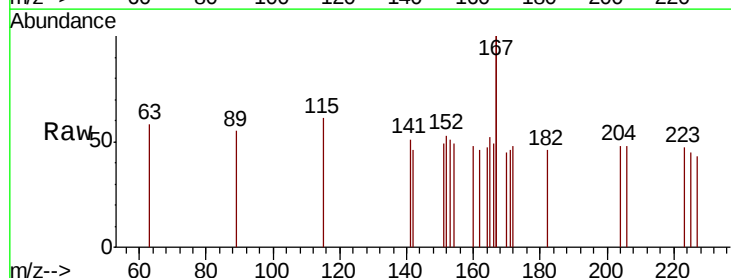


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

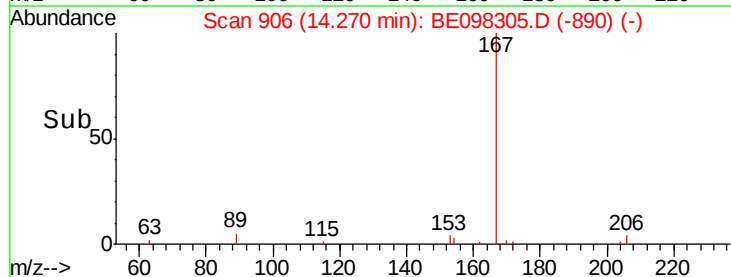
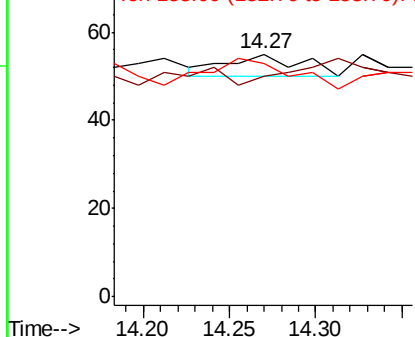


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.03 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

Tgt Ion:152 Resp: 15
Ion Ratio Lower Upper
152 100
151 0.0 15.5 23.3#
153 160.0 10.6 16.0#



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

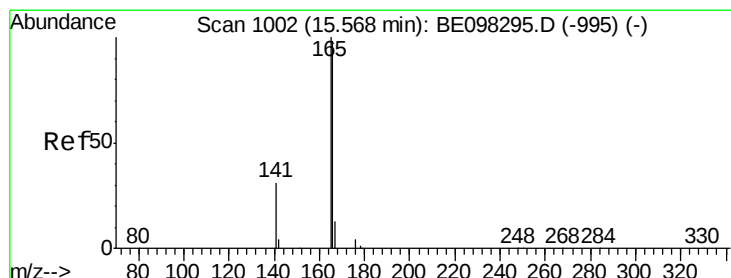
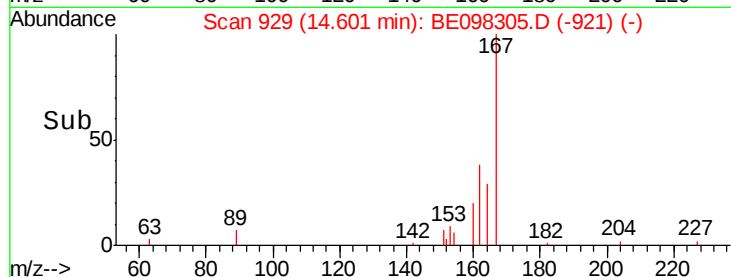
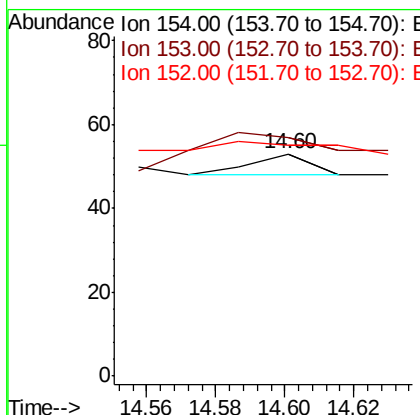
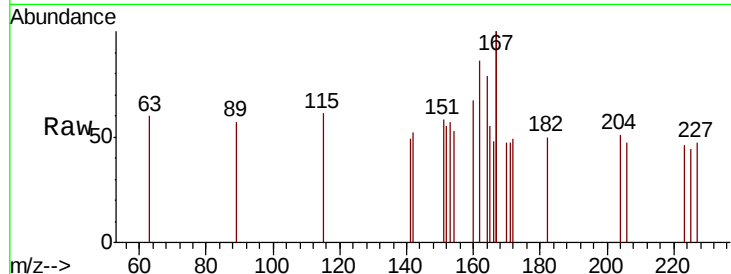




#17
Acenaphthene
Concen: 0.001 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.01 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

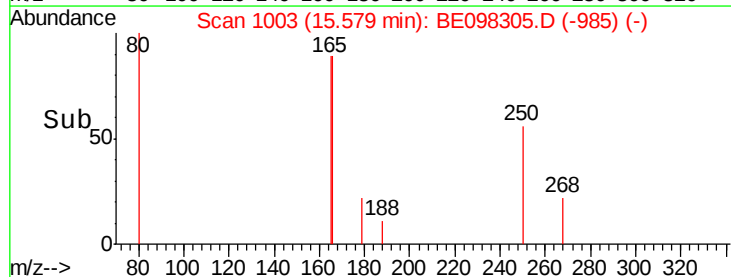
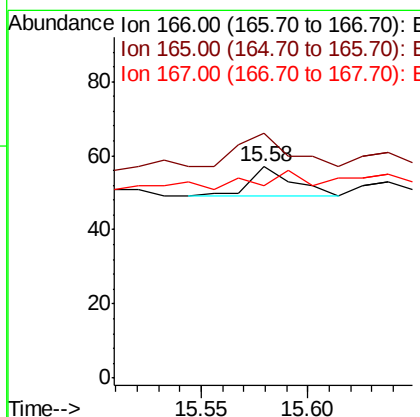
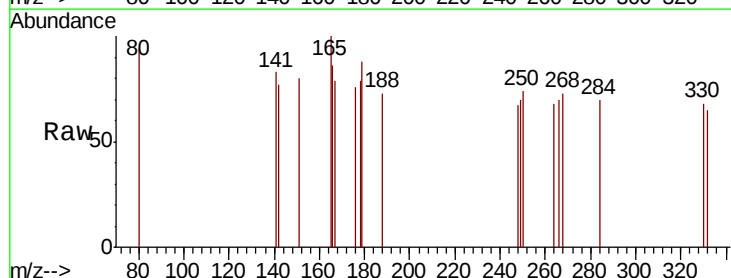
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20181205

Tgt Ion:154 Resp: 6
Ion Ratio Lower Upper
154 100
153 383.3 91.8 137.6#
152 216.7 45.5 68.3#



#18
Fluorene
Concen: 0.001 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

Tgt Ion:166 Resp: 12
Ion Ratio Lower Upper
166 100
165 158.3 79.3 118.9#
167 58.3 11.3 16.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

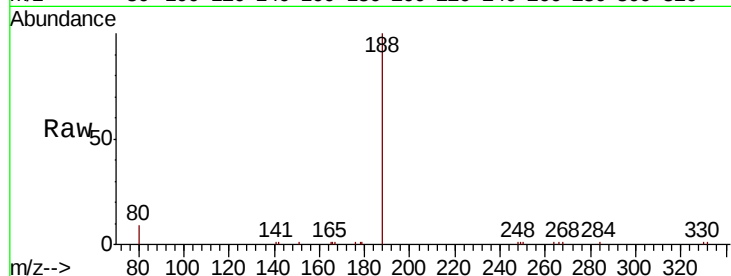
Tgt Ion:188 Resp: 9138

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

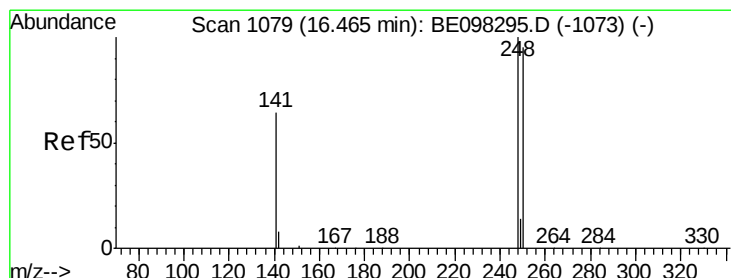
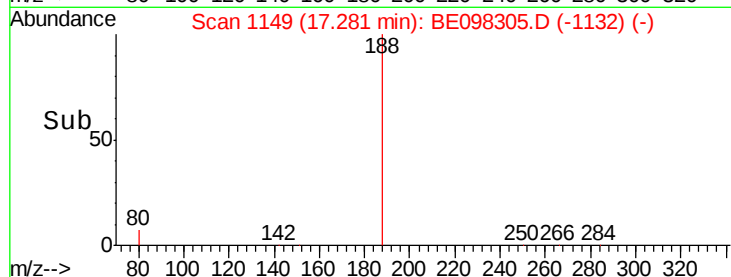
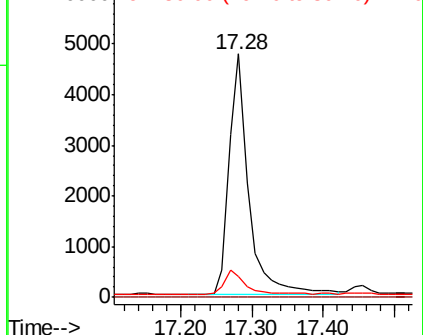
80 8.8 7.2 10.8



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: 0.002 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

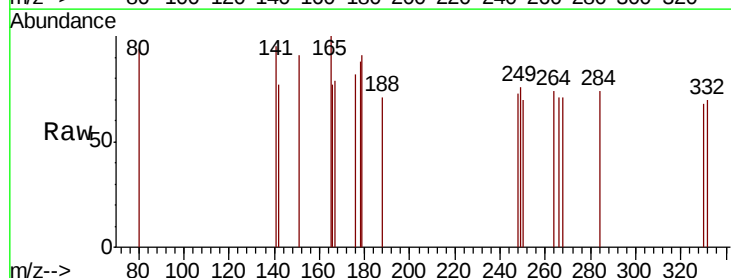
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 95.8 71.0 106.6

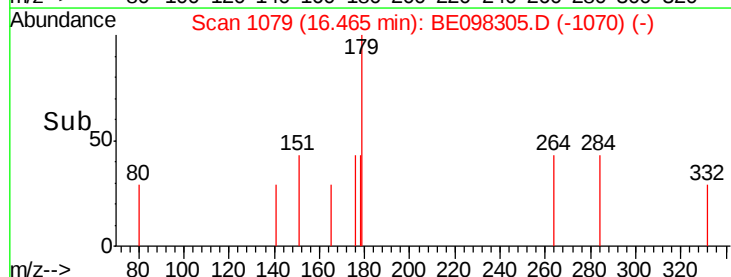
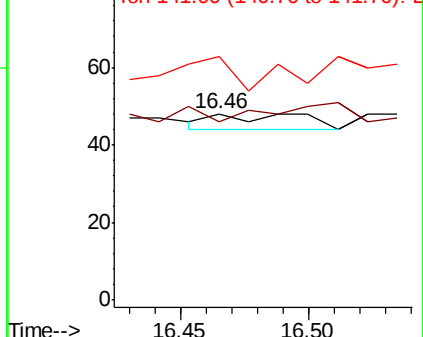
141 131.3 62.1 93.1#



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: 0.001 ng

RT: 16.57 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

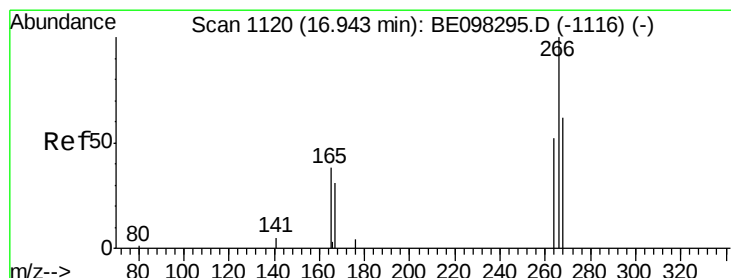
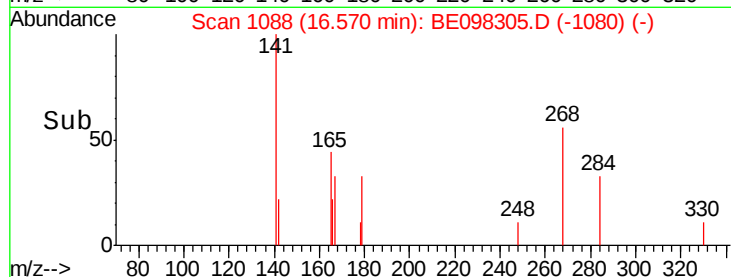
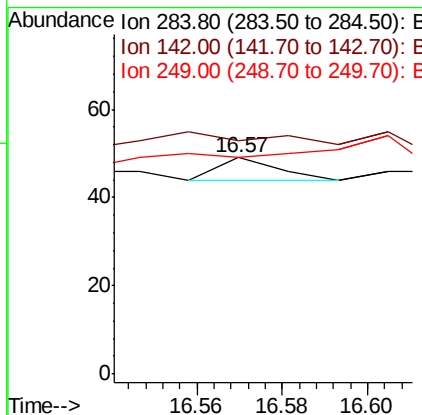
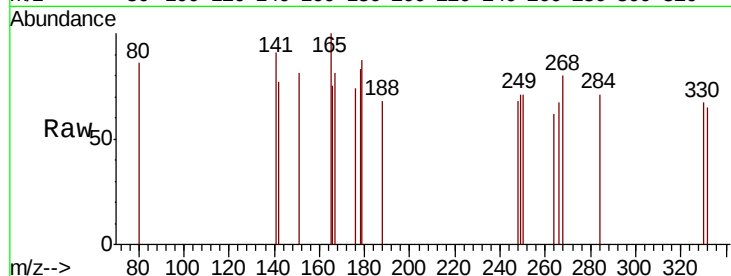
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

Tgt Ion:	284	Resp:	5
Ion	Ratio	Lower	Upper
284	100		
142	100.0	26.3	39.5#
249	0.0	26.0	39.0#



#22

Pentachlorophenol

Concen: 0.042 ng

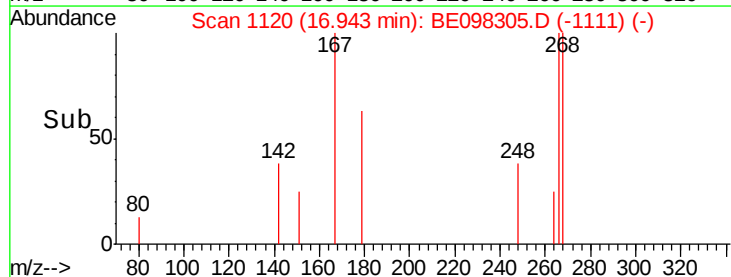
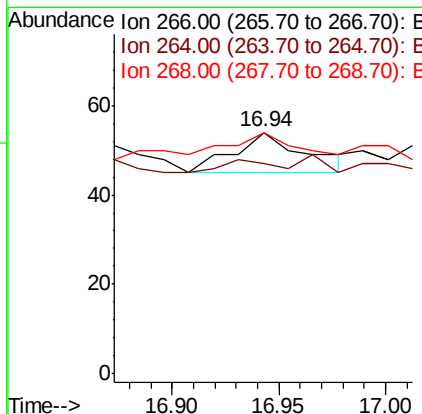
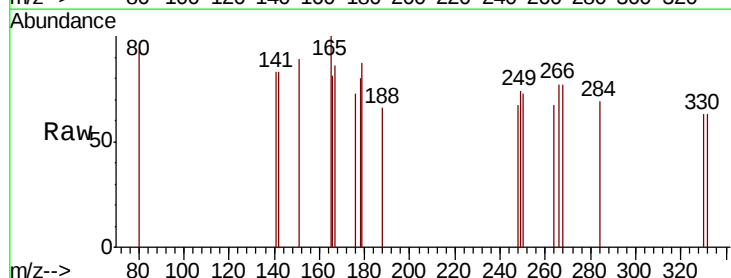
RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Tgt Ion:	266	Resp:	21
Ion	Ratio	Lower	Upper
266	100		
264	87.0	59.0	88.4
268	100.0	55.1	82.7#





#23

Phenanthrene

Concen: 0.007 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

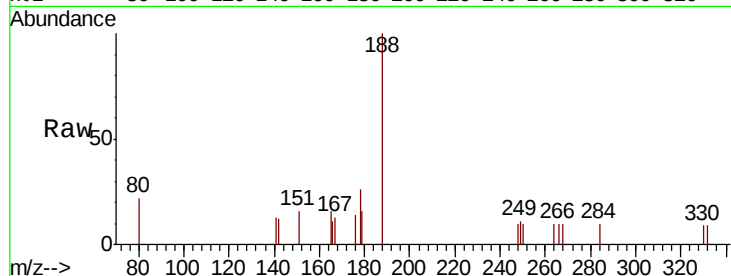
Tgt Ion:178 Resp: 149

Ion Ratio Lower Upper

178 100

176 28.9 15.9 23.9#

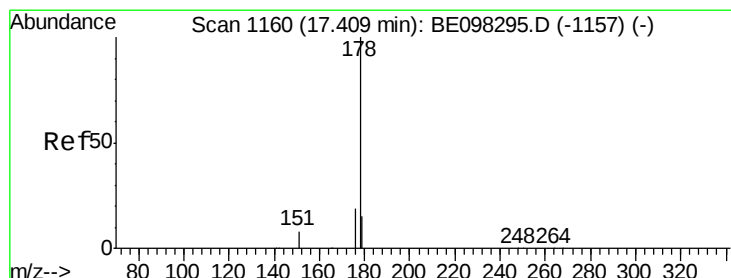
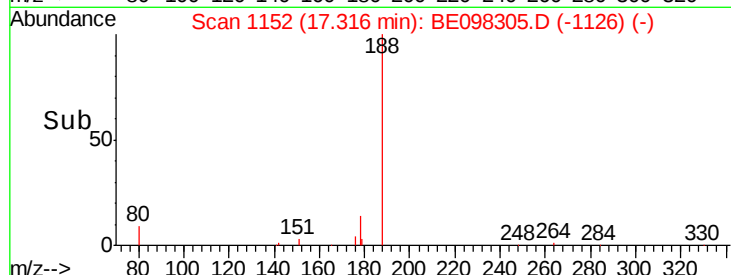
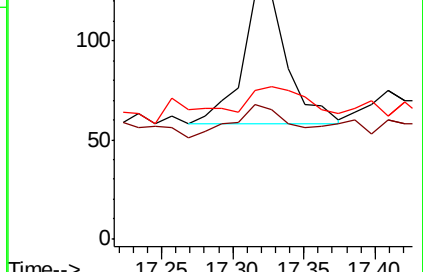
179 34.9 12.3 18.5#



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: 0.002 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

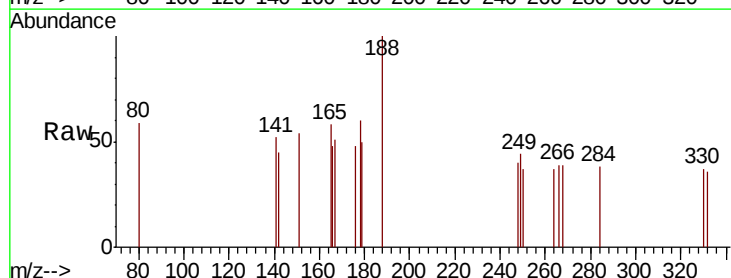
Tgt Ion:178 Resp: 43

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

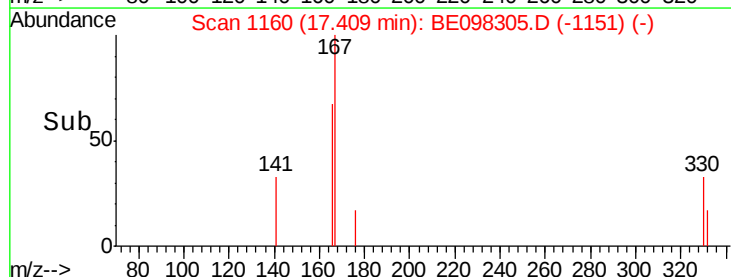
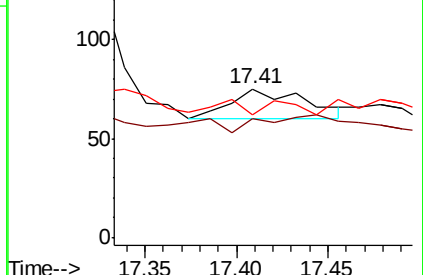
179 18.6 12.3 18.5#



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

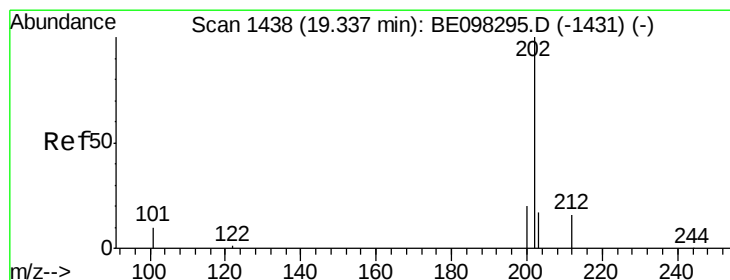
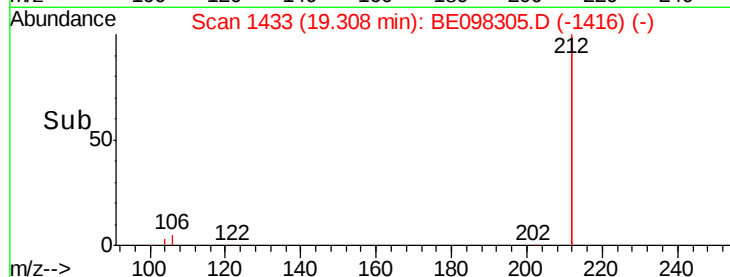
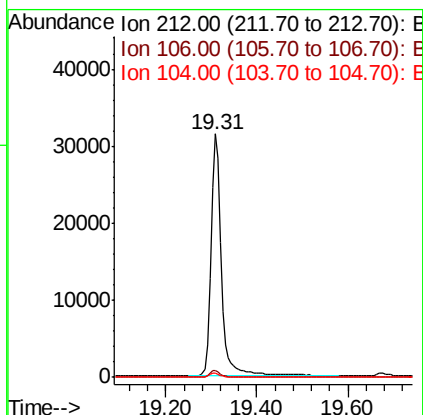
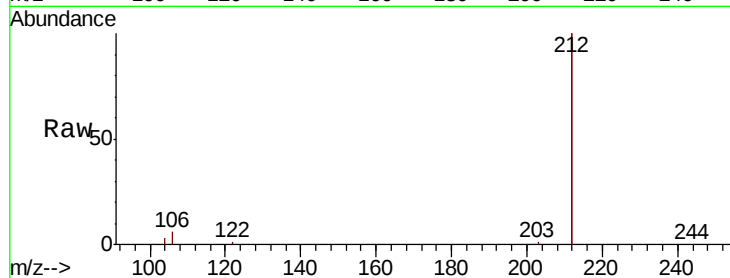




#25
Fluoranthene-d10
Concen: 0.431 ng
RT: 19.31 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

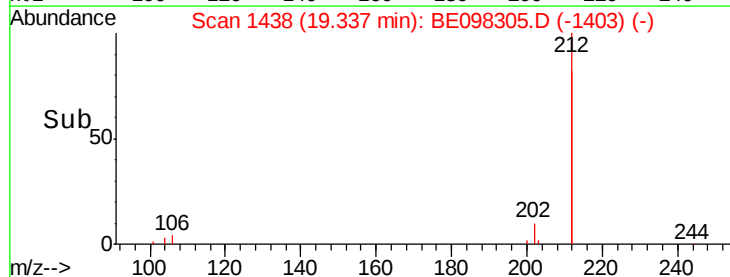
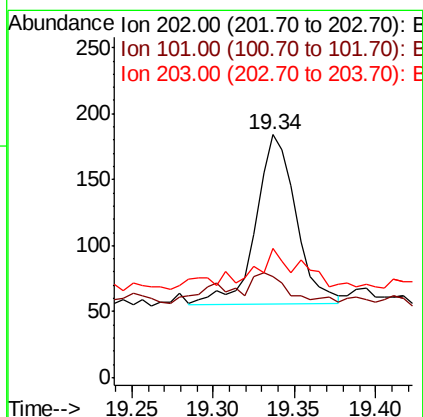
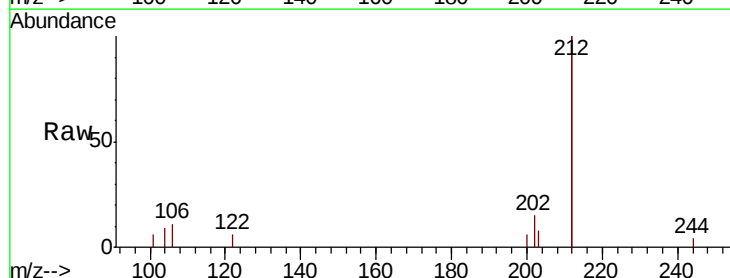
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305I-20181205

Tgt Ion: 212 Resp: 50552
Ion Ratio Lower Upper
212 100
106 2.6 2.2 3.2
104 1.5 1.3 1.9



#26
Fluoranthene
Concen: 0.008 ng
RT: 19.34 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE098305.D
Acq: 10 Dec 2018 19:26

Tgt Ion: 202 Resp: 222
Ion Ratio Lower Upper
202 100
101 14.9 8.0 12.0#
203 14.9 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

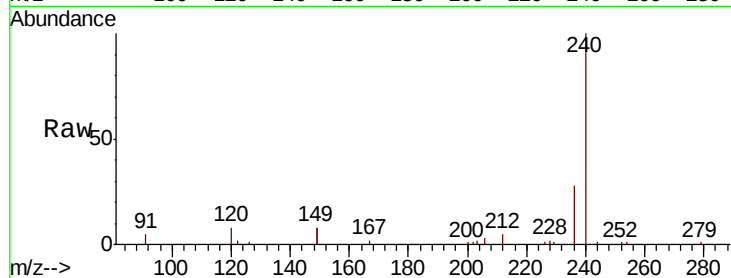
Tgt Ion:240 Resp: 11232

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

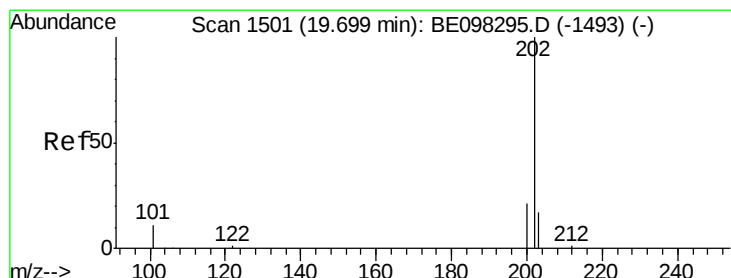
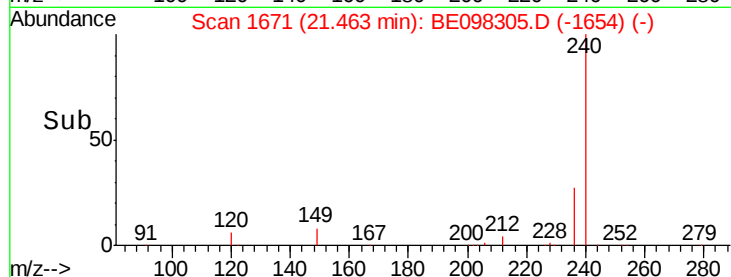
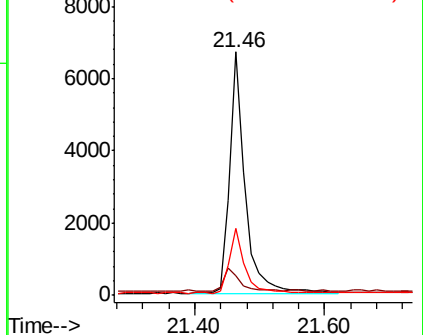
236 27.5 22.7 34.1



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: 0.006 ng

RT: 19.70 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

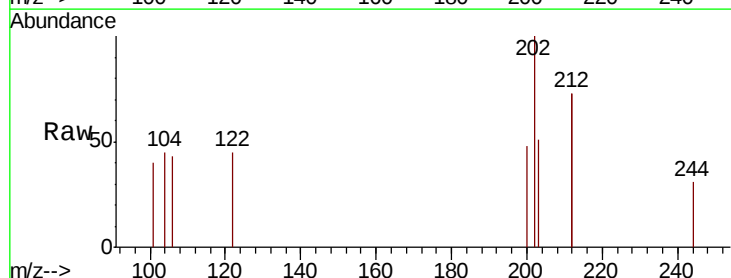
Tgt Ion:202 Resp: 204

Ion Ratio Lower Upper

202 100

200 30.9 16.7 25.1#

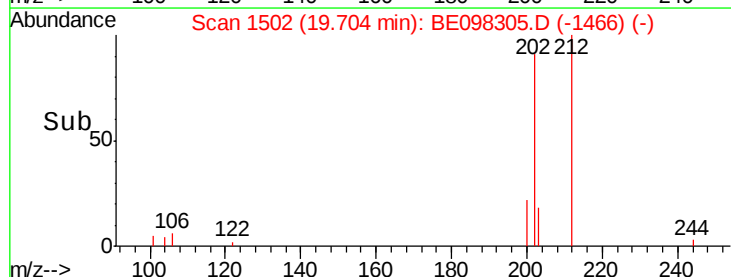
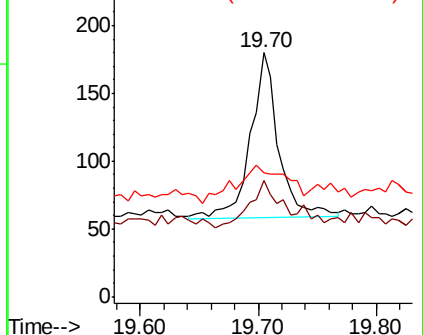
203 40.7 14.1 21.1#



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: 0.486 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

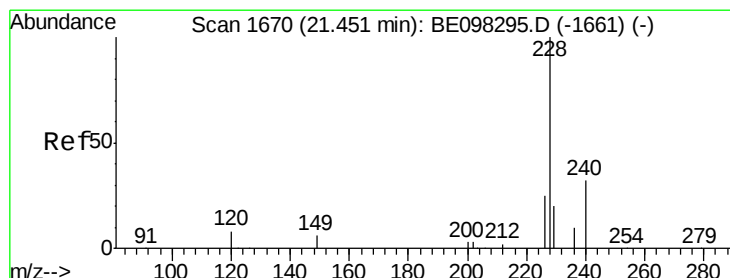
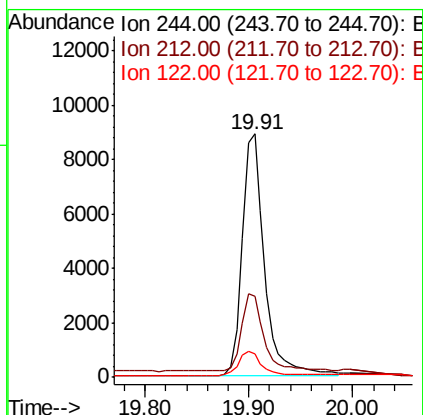
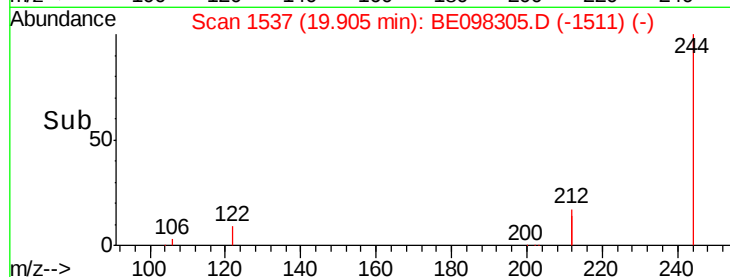
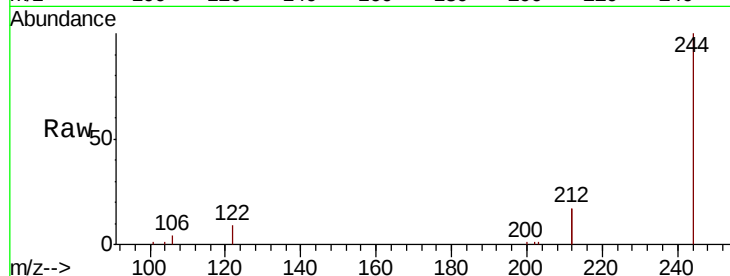
Tgt Ion:244 Resp: 13271

Ion Ratio Lower Upper

244 100

212 33.3 27.4 41.0

122 9.4 8.3 12.5



#30

Benzo(a)anthracene

Concen: 0.007 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

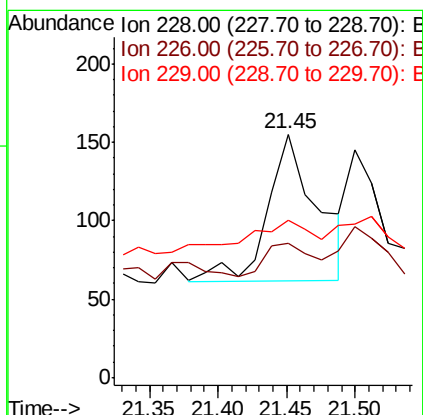
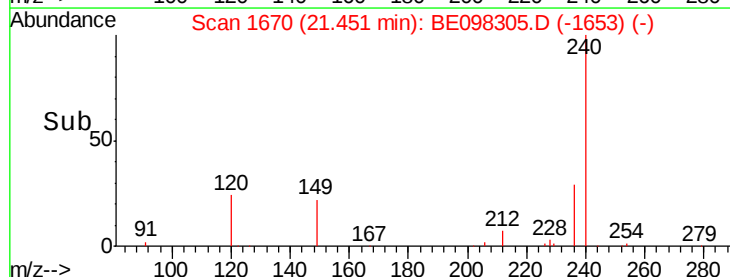
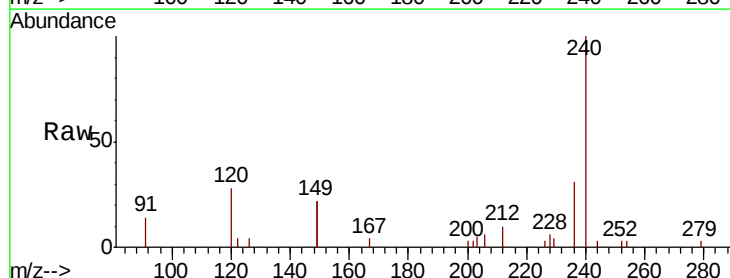
Tgt Ion:228 Resp: 236

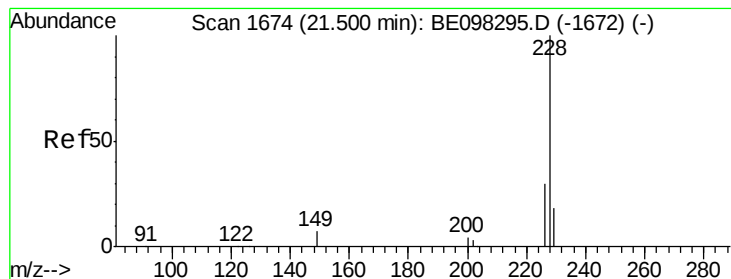
Ion Ratio Lower Upper

228 100

226 55.5 21.8 32.8#

229 64.5 16.3 24.5#





#31

Chrysene

Concen: 0.004 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

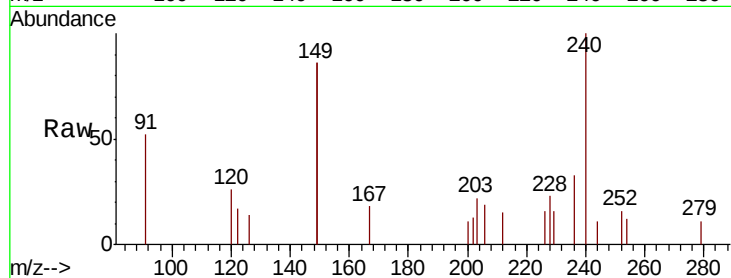
Tgt Ion:228 Resp: 118

Ion Ratio Lower Upper

228 100

226 66.2 23.4 35.0#

229 67.6 16.2 24.4#

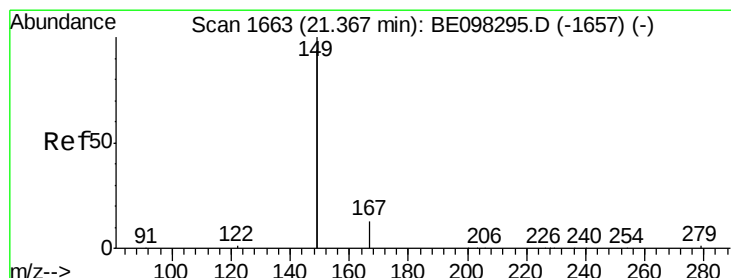
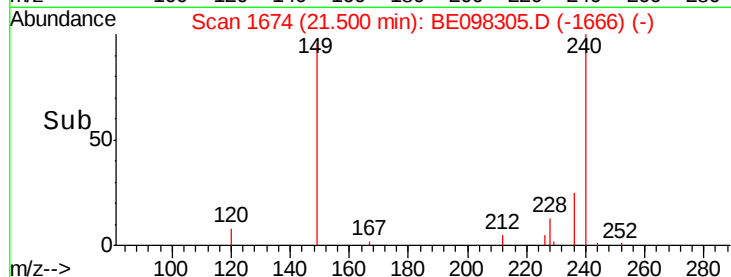
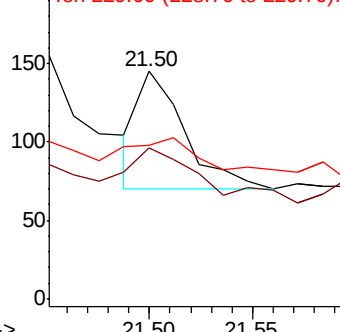


Abundance

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: 0.064 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

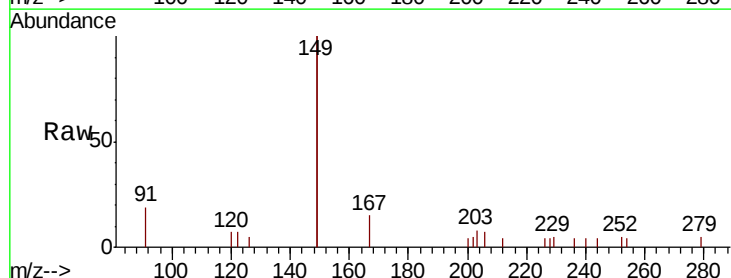
Tgt Ion:149 Resp: 4127

Ion Ratio Lower Upper

149 100

167 6.3 5.7 8.5

279 1.1 1.0 1.4

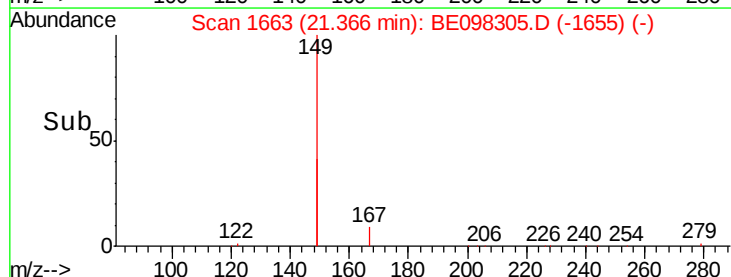
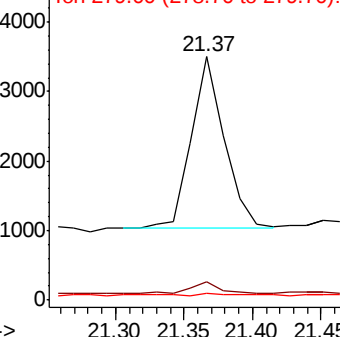


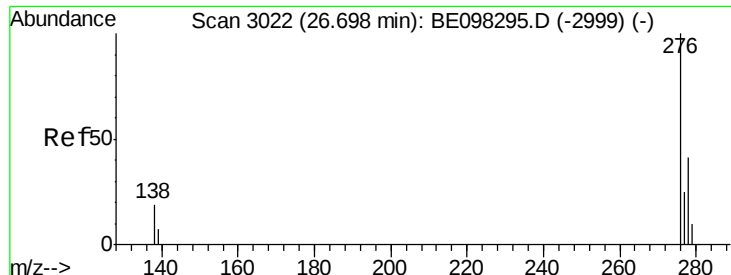
Abundance

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: 0.001 ng

RT: 26.71 min Scan# 3026

Delta R.T. 0.01 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

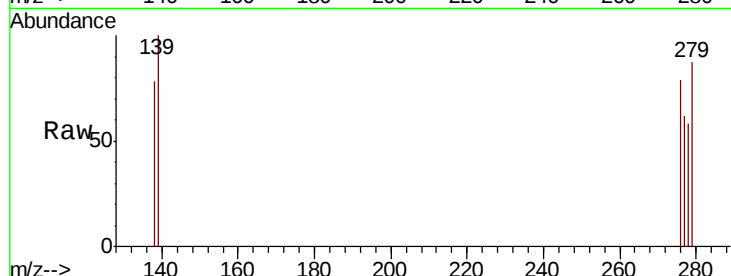
Tgt Ion:276 Resp: 48

Ion Ratio Lower Upper

276 100

138 18.8 16.3 24.5

277 22.9 20.2 30.4

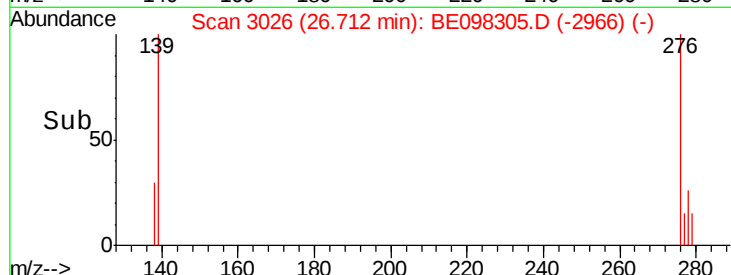


Abundance Ion 276.00 (275.70 to 276.70): E

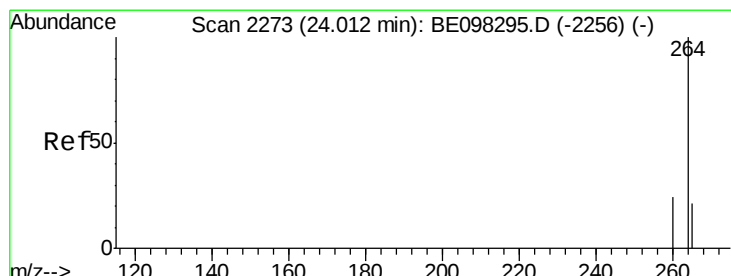
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

26.71



Time-->



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

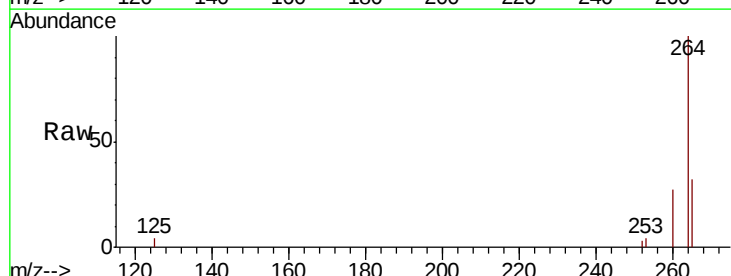
Tgt Ion:264 Resp: 10646

Ion Ratio Lower Upper

264 100

260 26.6 20.2 30.2

265 32.0 25.2 37.8

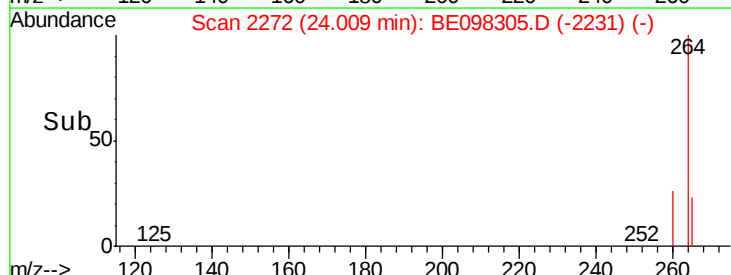


Abundance Ion 264.00 (263.70 to 264.70): E

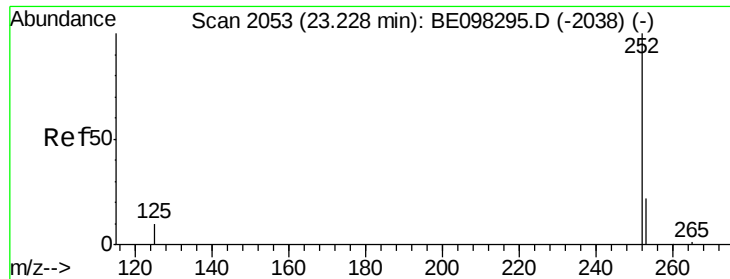
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.01



Time-->



#35

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 23.24 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

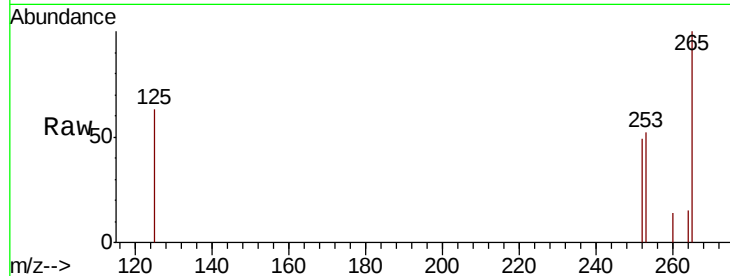
Tgt Ion:252 Resp: 156

Ion Ratio Lower Upper

252 100

253 105.5 20.0 30.0#

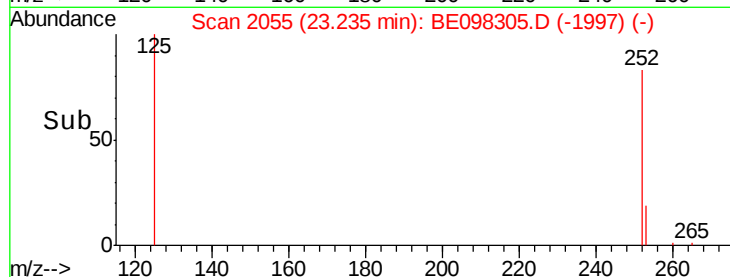
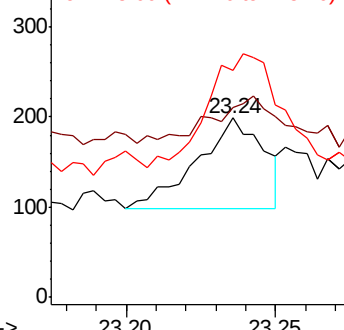
125 126.6 9.6 14.4#



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



#36

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 23.24 min Scan# 2055

Delta R.T. -0.05 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

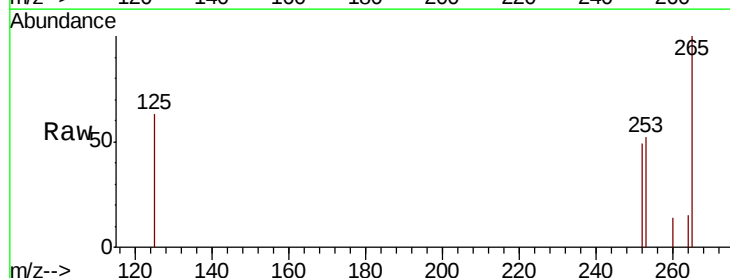
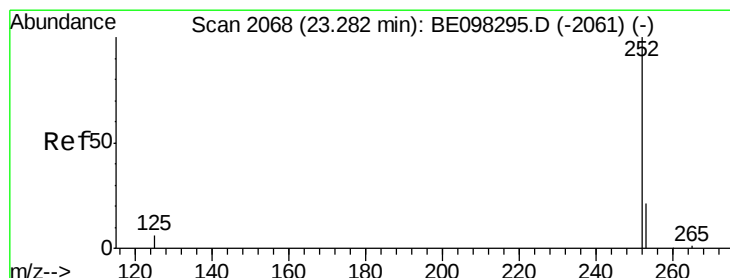
Tgt Ion:252 Resp: 156

Ion Ratio Lower Upper

252 100

253 105.5 19.0 28.6#

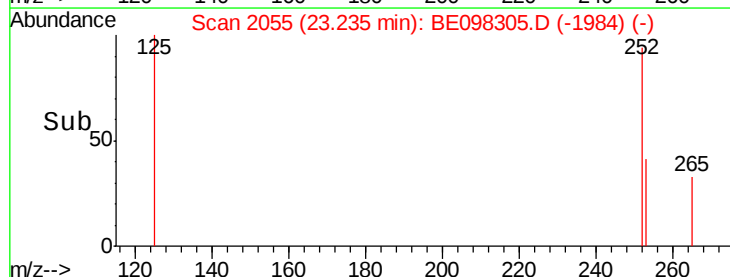
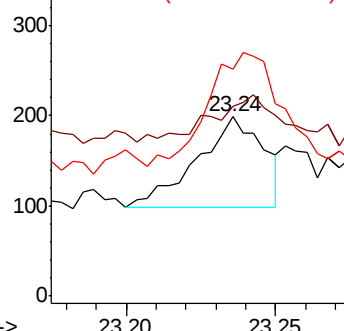
125 126.6 9.1 13.7#



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





#37

Benzo(a)pyrene

Concen: 0.002 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Instrument :

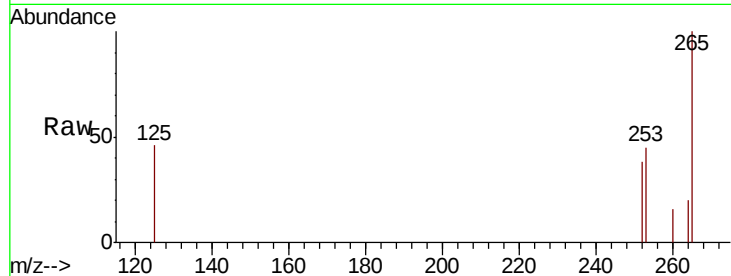
BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205

Tgt Ion: 252 Resp: 51

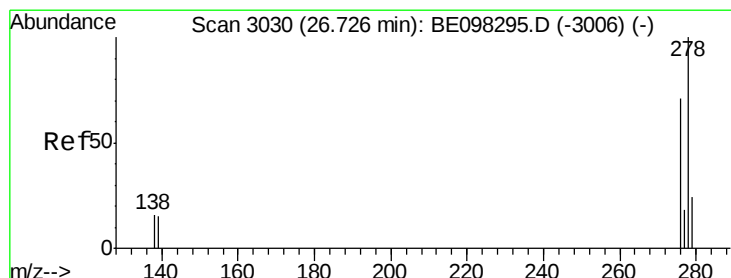
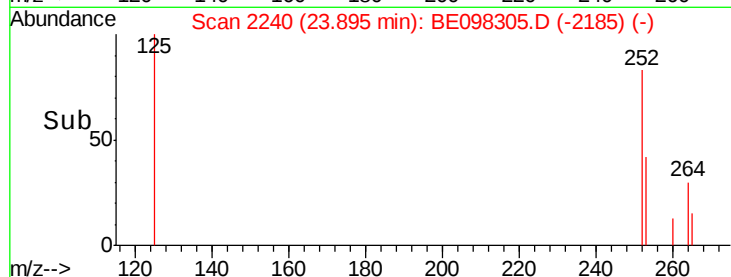
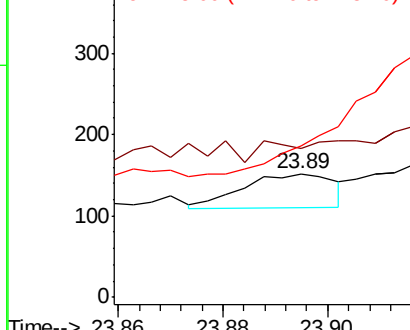
Ion	Ratio	Lower	Upper
252	100		
253	120.4	20.6	30.8#
125	122.4	10.5	15.7#



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: 0.000 ng

RT: 26.73 min Scan# 3030

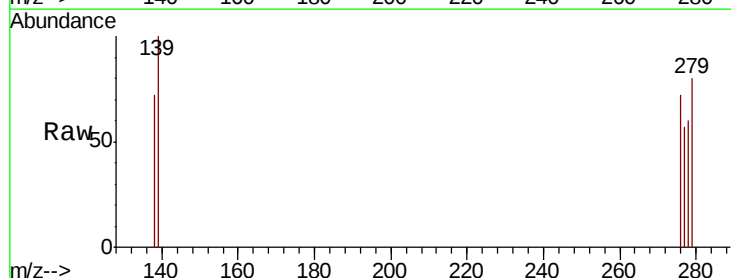
Delta R.T. -0.00 min

Lab File: BE098305.D

Acq: 10 Dec 2018 19:26

Tgt Ion: 278 Resp: 4

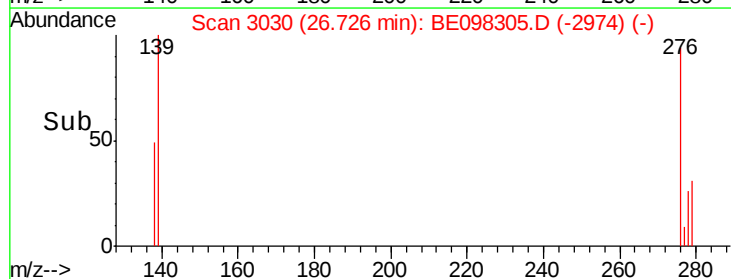
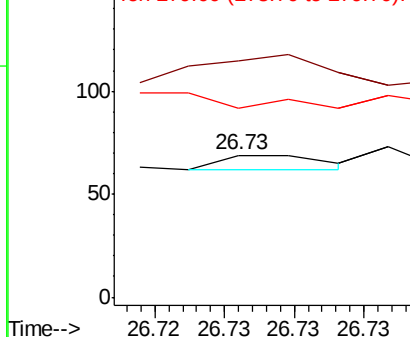
Ion	Ratio	Lower	Upper
278	100		
139	166.7	14.5	21.7#
279	133.3	21.8	32.8#



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: 0.001 ng

RT: 27.53 min Scan# 3255

Delta R.T. 0.01 min

Lab File: BE098305.D

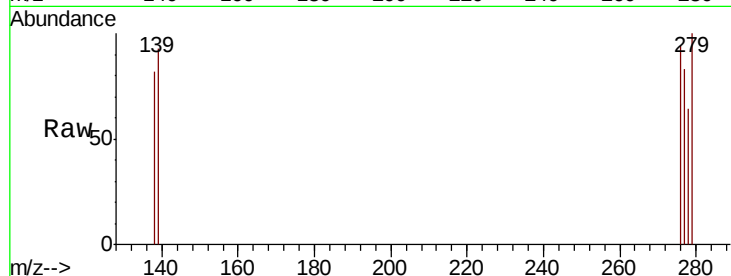
Acq: 10 Dec 2018 19:26

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305I-20181205



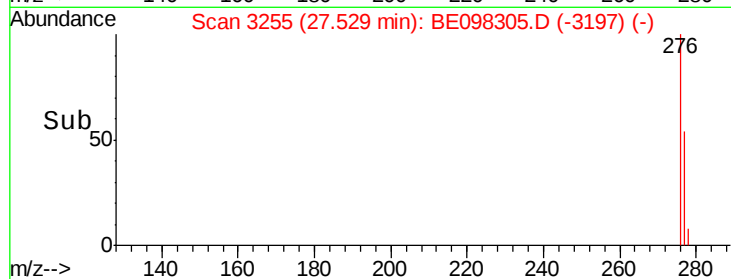
Tgt Ion: 276 Resp: 34

Ion Ratio Lower Upper

276 100

277 87.8 20.8 31.2#

138 86.6 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

