

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098302.D
 Acq On : 10 Dec 2018 17:32
 Operator : SJ/JU
 Sample : J6259-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20181204

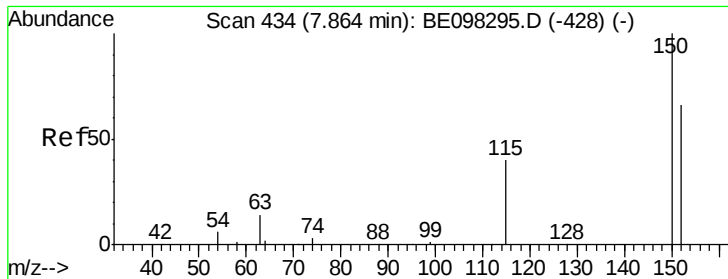
Quant Time: Dec 11 00:47:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1628	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6602	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3857	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9599	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11208	0.40	ng	0.00
34) Perylene-d12	24.01	264	10663	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	3033	0.80	ng	0.00
5) Phenol-d6	7.05	99	2370	0.44	ng	0.00
8) Nitrobenzene-d5	9.02	82	10902	1.81	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4064	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	2325	1.64	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	29962	1.84	ng	0.00
25) Fluoranthene-d10	19.31	212	50115	0.41	ng	0.00
29) Terphenyl-d14	19.91	244	49059	1.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	234	0.083	ng	# 23
3) n-Nitrosodimethylamine	3.73	42	32	0.013	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	21	0.004	ng	# 1
9) Naphthalene	10.72	128	128	0.002	ng	# 51
12) 2-Methylnaphthalene	12.34	142	28	0.003	ng	# 54
16) Acenaphthylene	14.27	152	16	0.001	ng	# 56
17) Acenaphthene	14.60	154	9	0.001	ng	# 49
18) Fluorene	15.58	166	22	0.002	ng	# 1
20) 4-Bromophenyl-phenylether	16.49	248	7	0.001	ng	# 64
21) Hexachlorobenzene	16.58	284	5	0.001	ng	# 1
22) Pentachlorophenol	16.90	266	3	0.019	ng	# 67
23) Phenanthrene	17.33	178	96	0.004	ng	# 60
24) Anthracene	17.42	178	55	0.003	ng	# 61
26) Fluoranthene	19.34	202	73	0.002	ng	# 84
28) Pyrene	19.71	202	53	0.002	ng	# 97
30) Benzo(a)anthracene	21.45	228	115	0.004	ng	# 2
31) Chrysene	21.51	228	60	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.37	149	4734	0.073	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.69	276	9	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.23	252	63	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.28	252	12	0.000	ng	# 1
37) Benzo(a)pyrene	23.90	252	25	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.73	278	8	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.54	276	24	0.001	ng	# 1

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

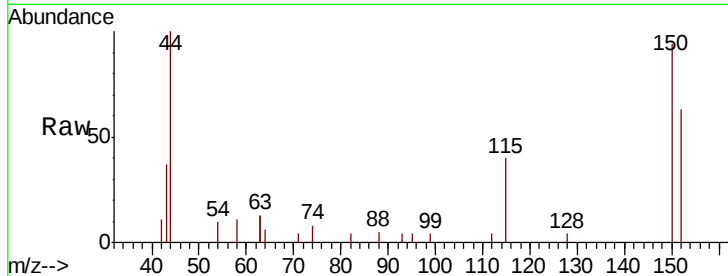


#1

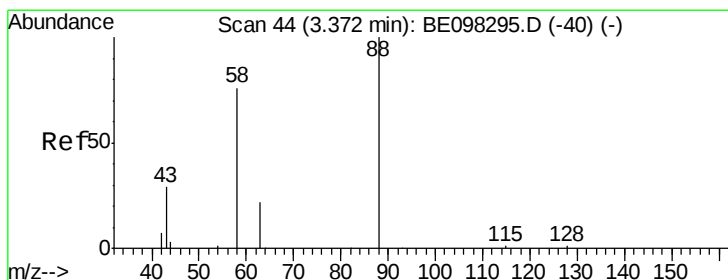
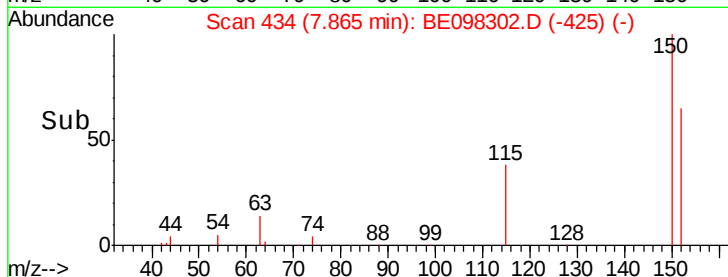
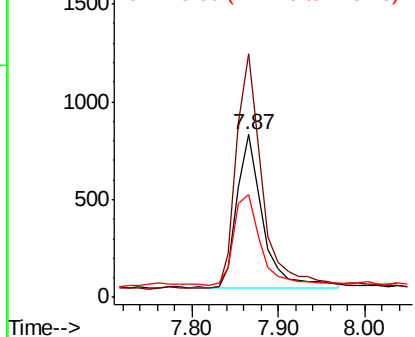
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098302.D
Acq: 10 Dec 2018 17:32

Instrument :
BNA_E
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BPS1-TT-MW306S-20181204

Tgt Ion: 152 Resp: 1628
Ion Ratio Lower Upper
152 100
150 149.5 124.2 186.4
115 63.0 53.9 80.9



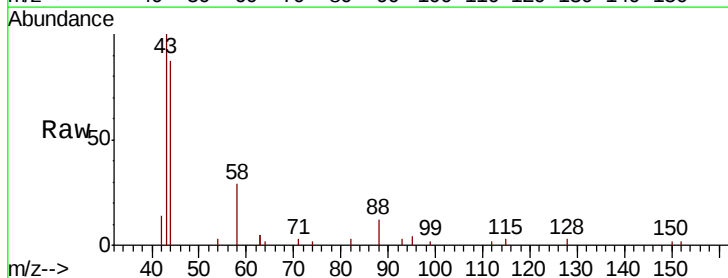
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



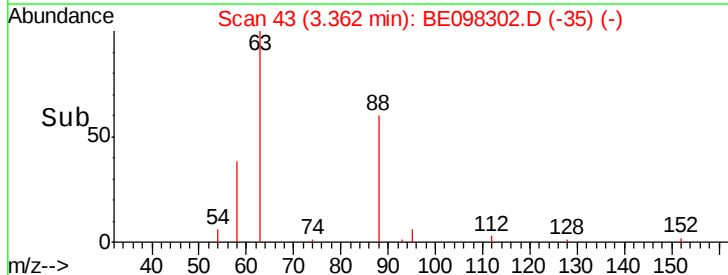
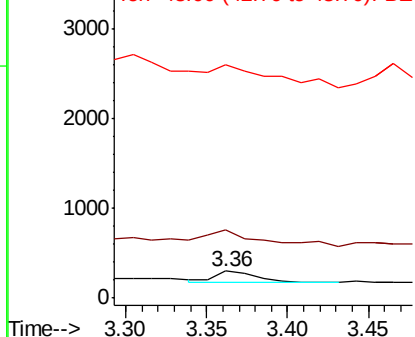
#2

1,4-Dioxane
Concen: 0.083 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098302.D
Acq: 10 Dec 2018 17:32

Tgt Ion: 88 Resp: 234
Ion Ratio Lower Upper
88 100
58 171.4 75.0 112.6#
43 0.0 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: 0.013 ng

RT: 3.73 min Scan# 75

Delta R.T. 0.04 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

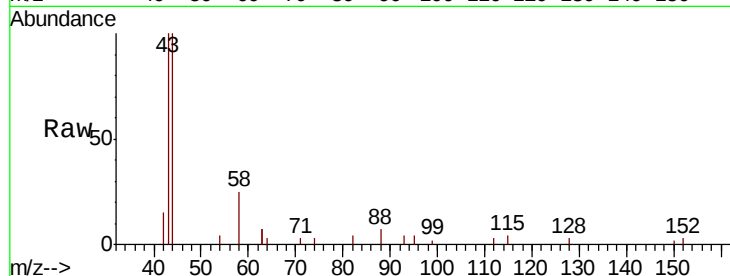
Tgt Ion: 42 Resp: 32

Ion Ratio Lower Upper

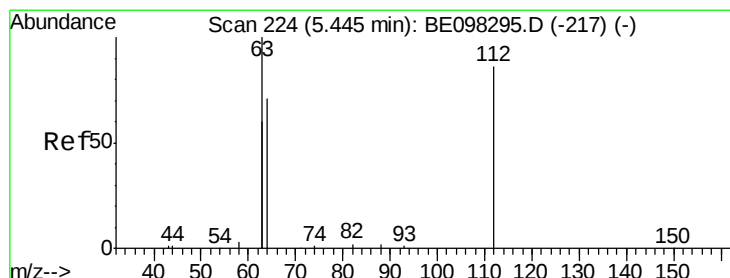
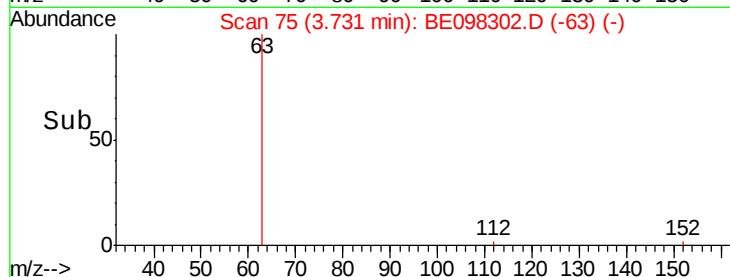
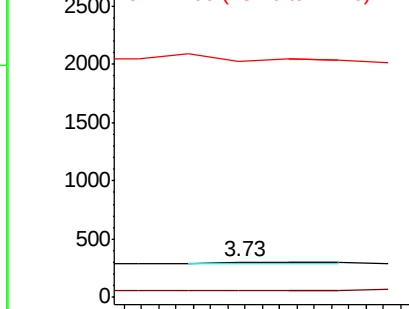
42 100

74 34.4 0.0 0.0#

44 806.3 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: 0.796 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

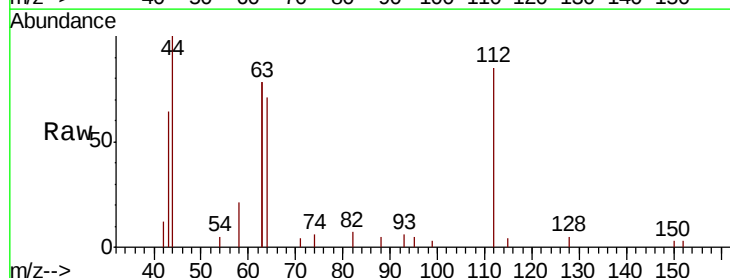
Tgt Ion: 112 Resp: 3033

Ion Ratio Lower Upper

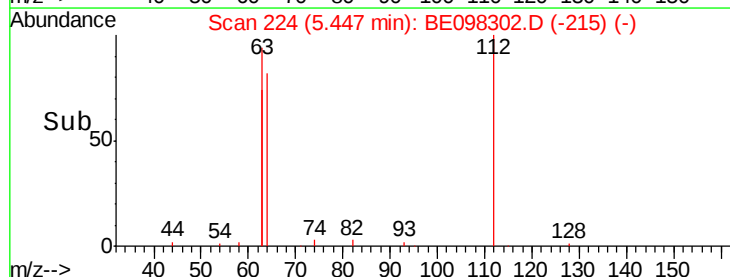
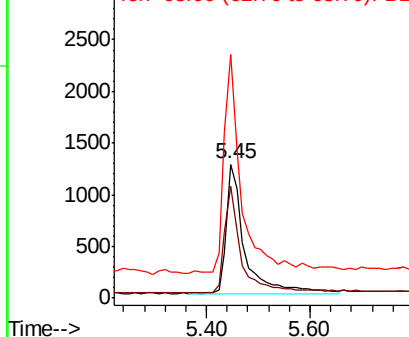
112 100

64 74.7 59.8 89.8

63 158.9 133.7 200.5



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: 0.439 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

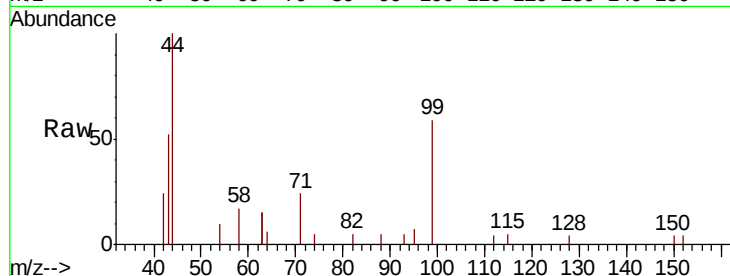
Tgt Ion: 99 Resp: 2370

Ion Ratio Lower Upper

99 100

42 28.6 26.3 39.5

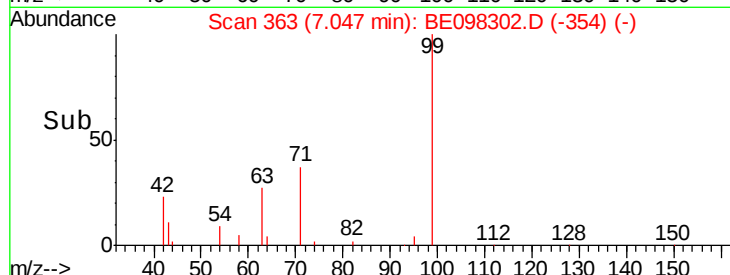
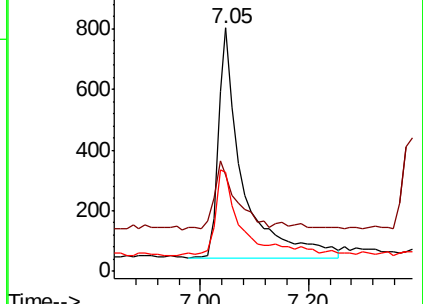
71 33.2 33.6 50.4#



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: 0.004 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

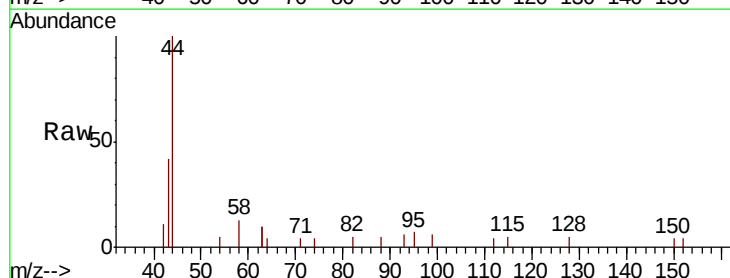
Tgt Ion: 93 Resp: 21

Ion Ratio Lower Upper

93 100

63 0.0 264.4 396.6#

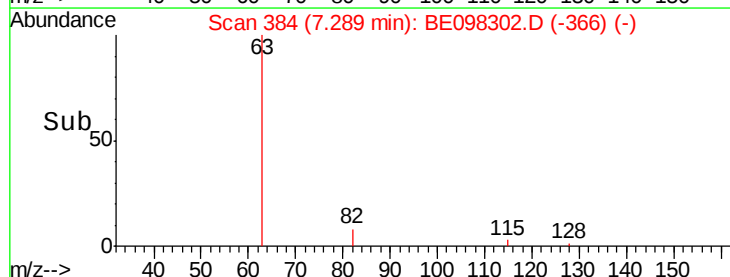
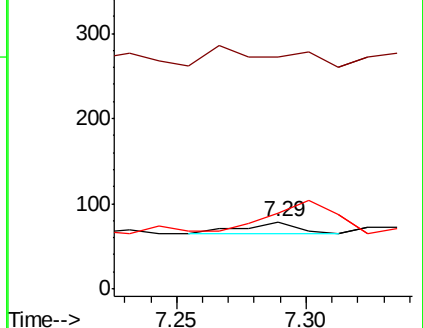
95 385.7 26.6 40.0#



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: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

Tgt Ion: 136 Resp: 6602

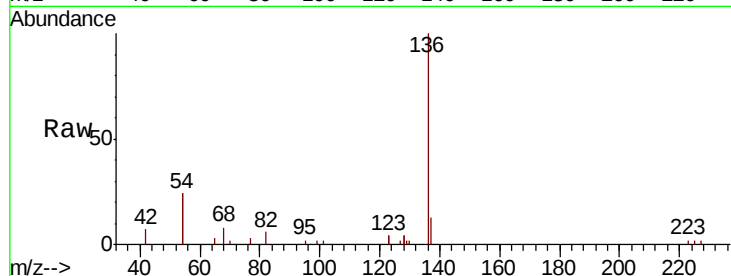
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 48.4 28.4 42.6#

68 8.2 5.4 8.0#

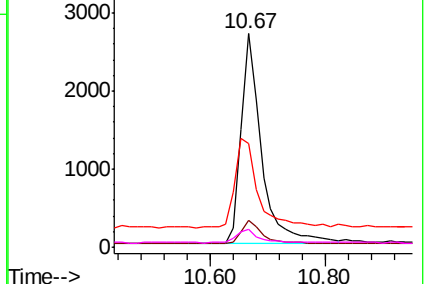
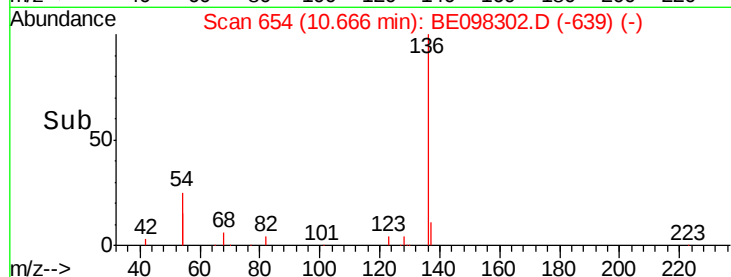


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.814 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

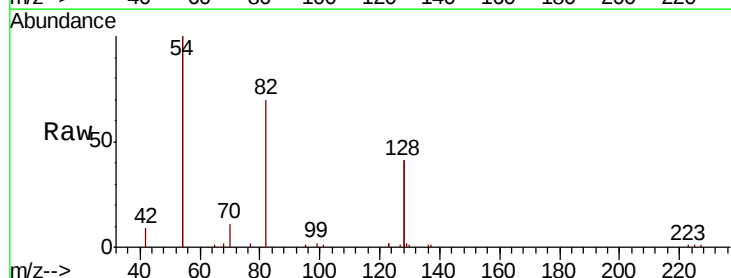
Tgt Ion: 82 Resp: 10902

Ion Ratio Lower Upper

82 100

128 116.6 102.4 153.6

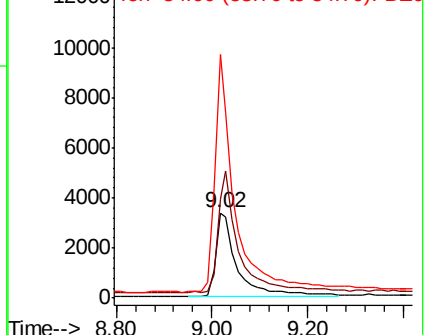
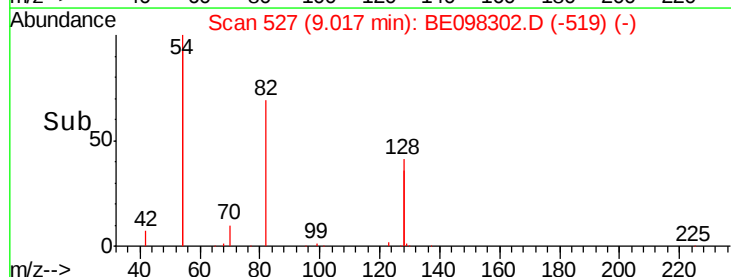
54 286.2 221.8 332.8

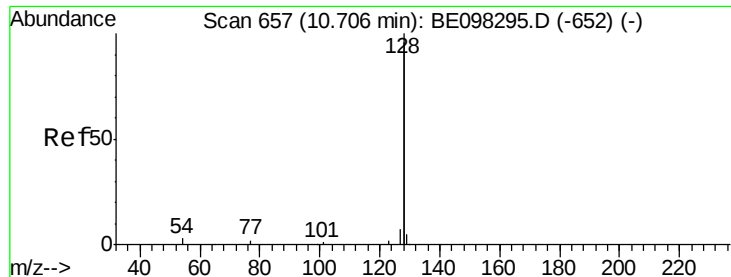


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.002 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

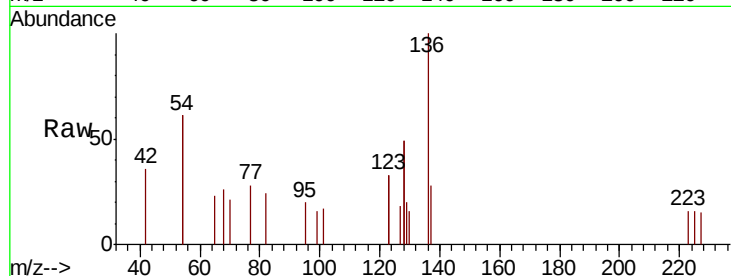
Tgt Ion:128 Resp: 128

Ion Ratio Lower Upper

128 100

129 20.1 2.5 3.7#

127 18.7 2.7 4.1#

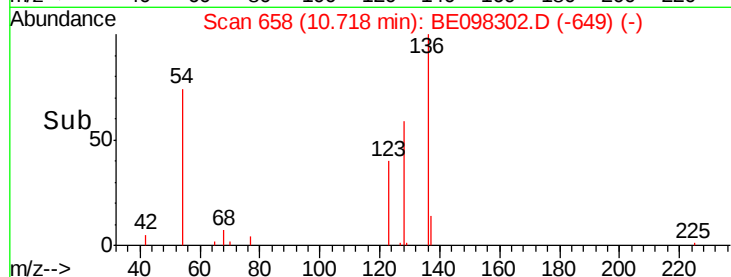


Abundance Ion 128.00 (127.70 to 128.70): E

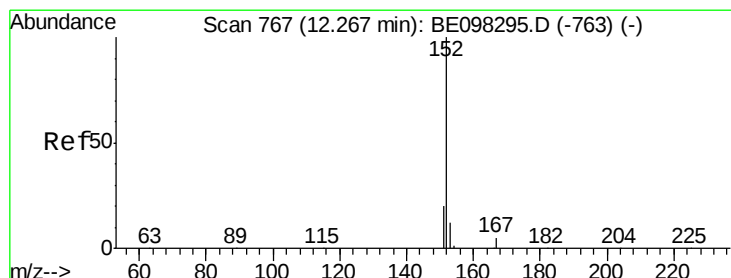
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time--> 10.65 10.70 10.75



Time--> 10.65 10.70 10.75



#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098302.D

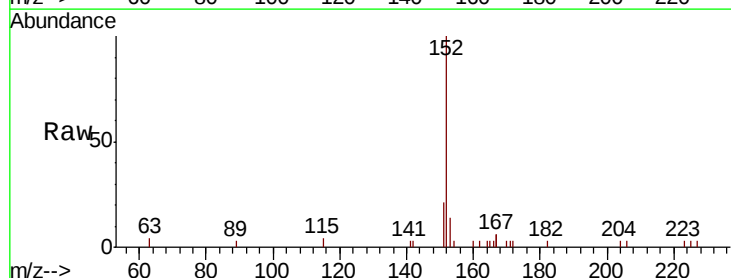
Acq: 10 Dec 2018 17:32

Tgt Ion:152 Resp: 4064

Ion Ratio Lower Upper

152 100

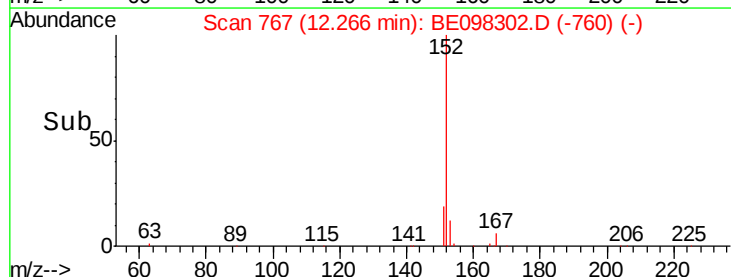
151 21.7 16.2 24.4



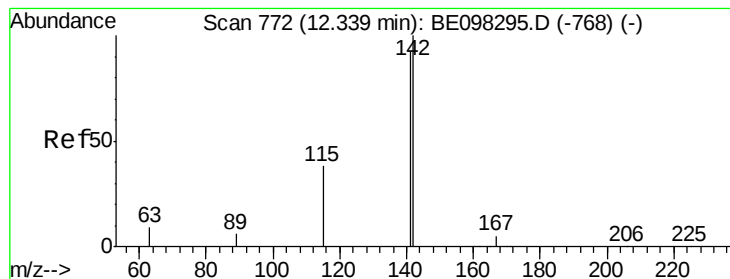
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Time--> 12.20 12.25 12.30



Time--> 12.20 12.25 12.30



#12

2-Methylnaphthalene

Concen: 0.003 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

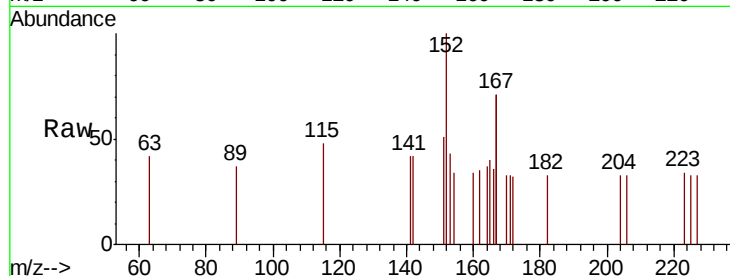
Tgt Ion:142 Resp: 28

Ion Ratio Lower Upper

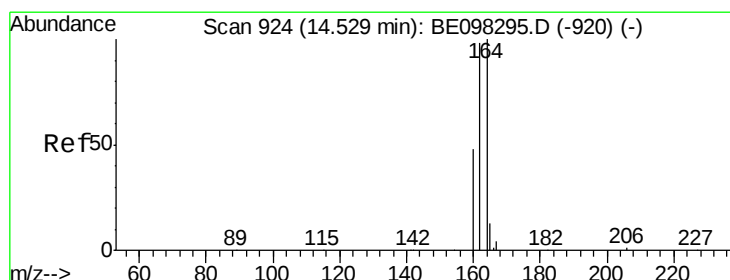
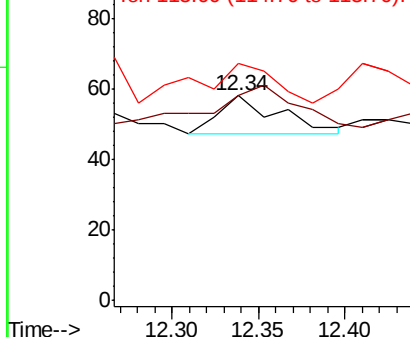
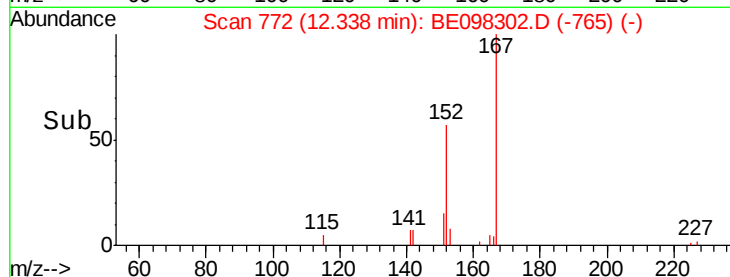
142 100

141 100.0 71.0 106.6

115 115.5 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: BE098302.D

Acq: 10 Dec 2018 17:32

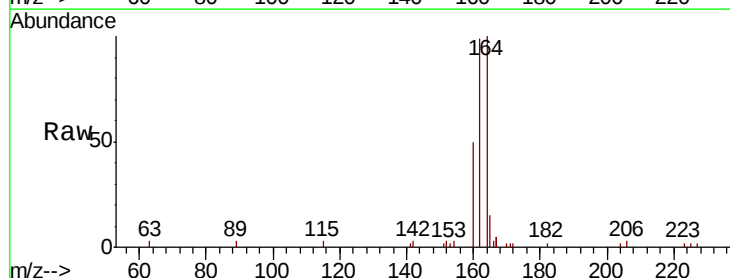
Tgt Ion:164 Resp: 3857

Ion Ratio Lower Upper

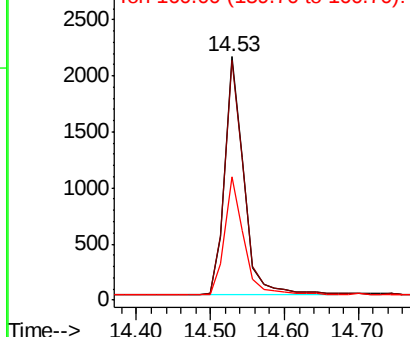
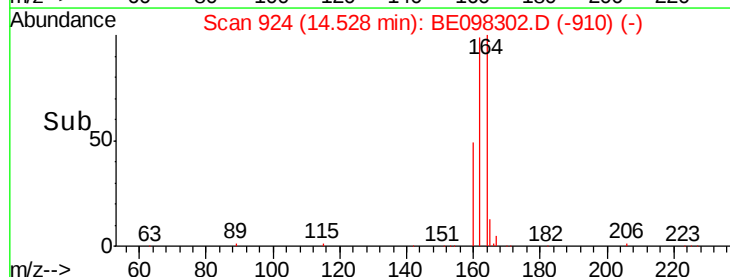
164 100

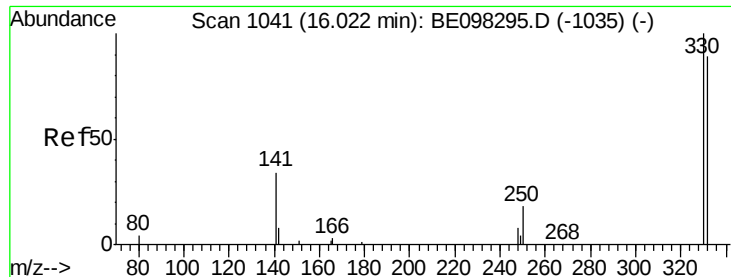
162 98.7 77.6 116.4

160 50.4 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

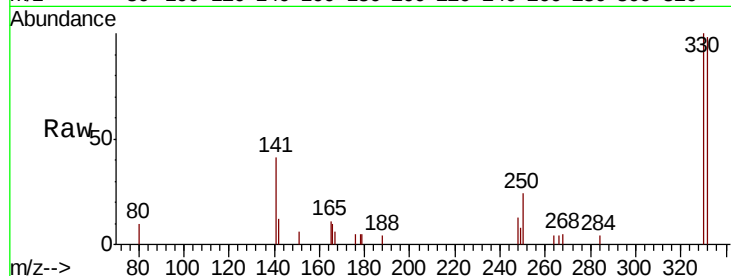




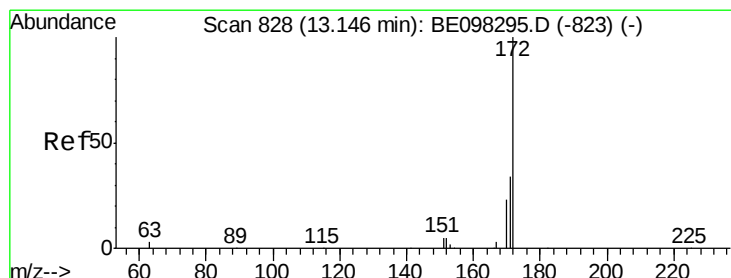
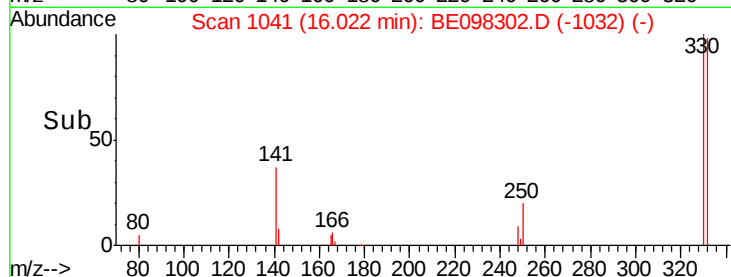
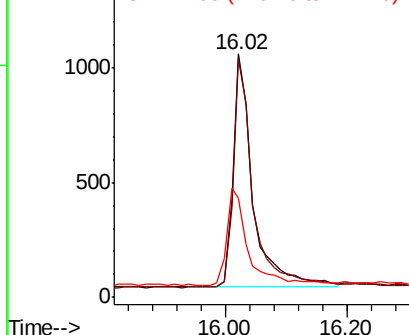
#14
 2,4,6-Tribromophenol
 Concen: 1.642 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20181204

Tgt Ion: 330 Resp: 2325
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.2 114.4
 141 44.7 39.0 58.4

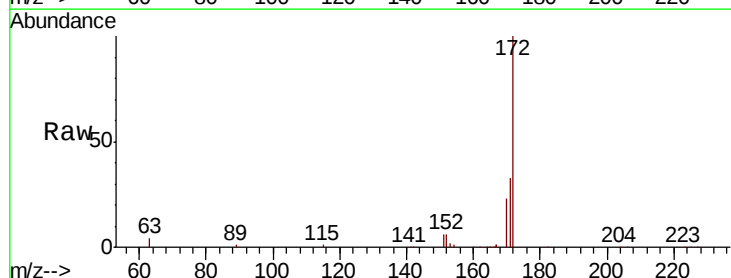


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

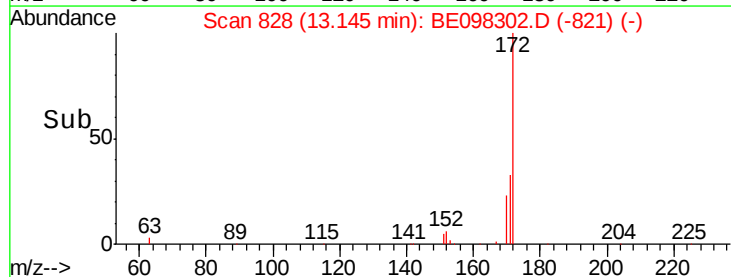
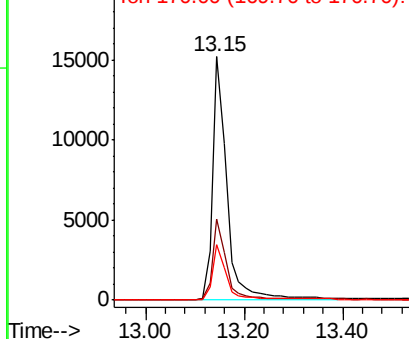


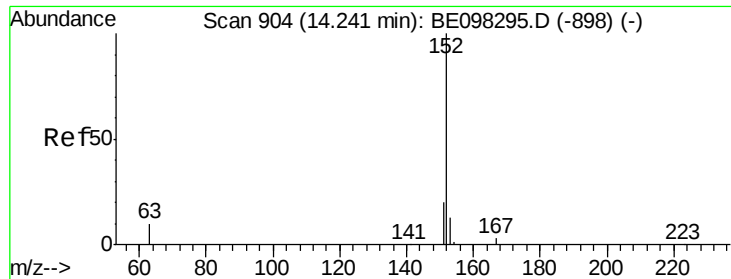
#15
 2-Fluorobiphenyl
 Concen: 1.842 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

Tgt Ion: 172 Resp: 29962
 Ion Ratio Lower Upper
 172 100
 171 33.3 27.5 41.3
 170 22.9 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: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

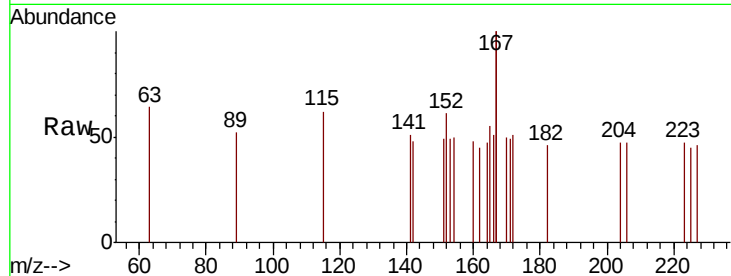
Tgt Ion:152 Resp: 16

Ion Ratio Lower Upper

152 100

151 0.0 15.5 23.3#

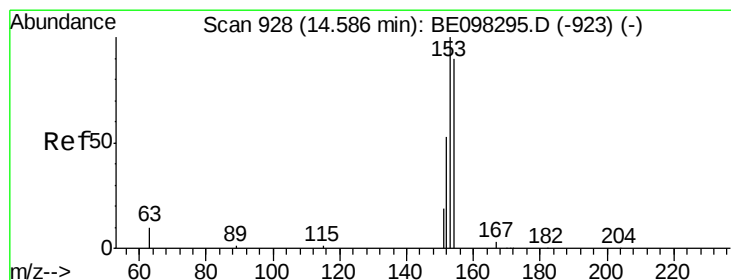
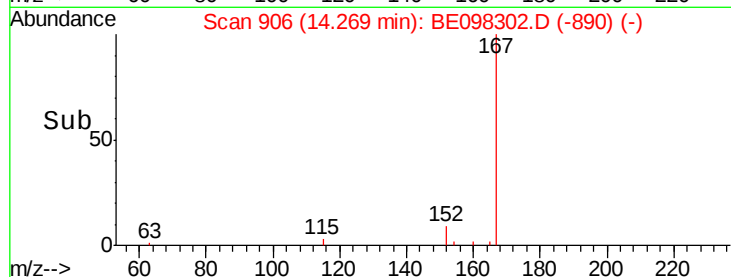
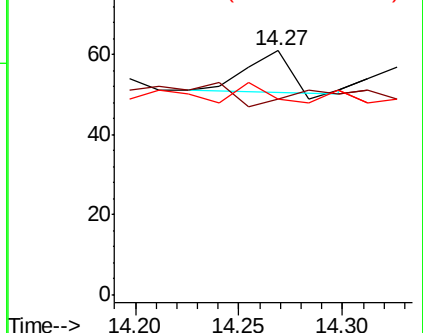
153 31.3 10.6 16.0#



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: BE098302.D

Acq: 10 Dec 2018 17:32

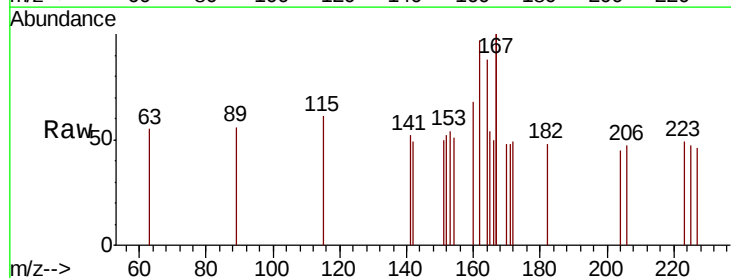
Tgt Ion:154 Resp: 9

Ion Ratio Lower Upper

154 100

153 155.6 91.8 137.6#

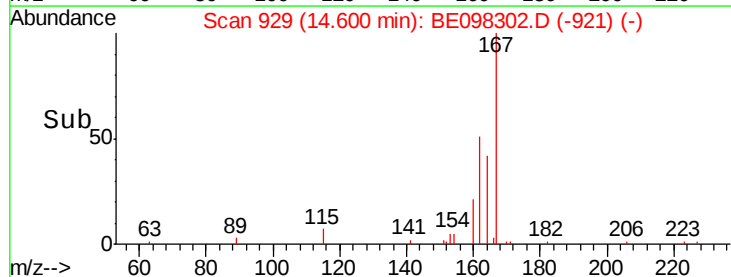
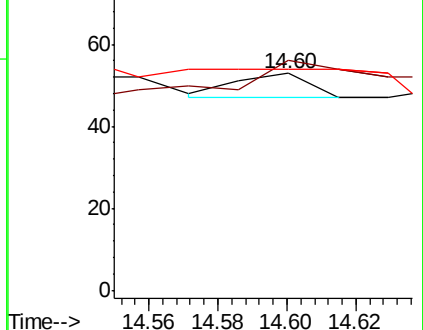
152 0.0 45.5 68.3#

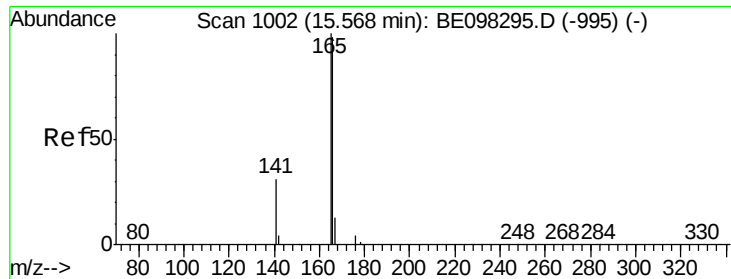


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

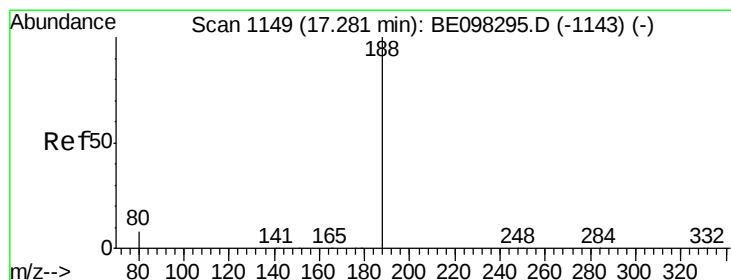
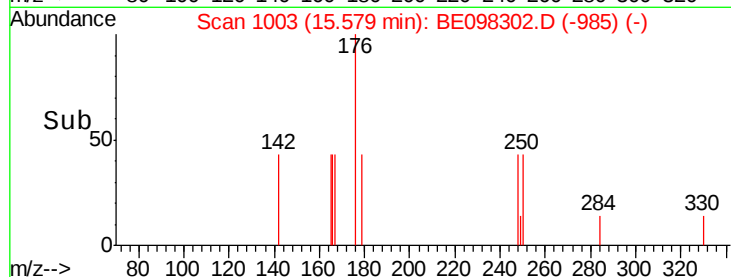
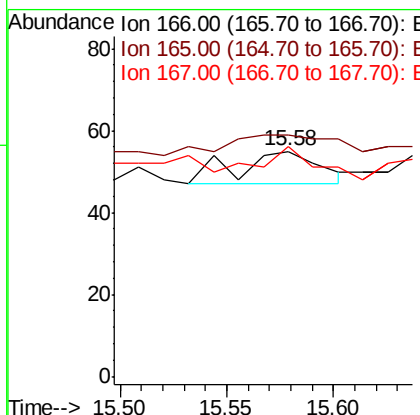
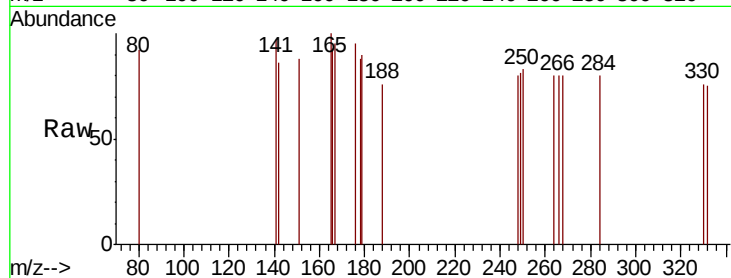




#18
Fluorene
 Concen: 0.002 ng
 RT: 15.58 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

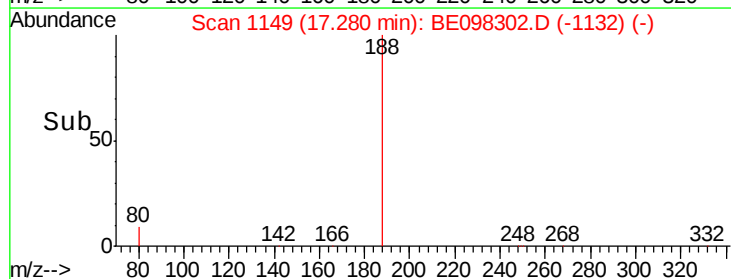
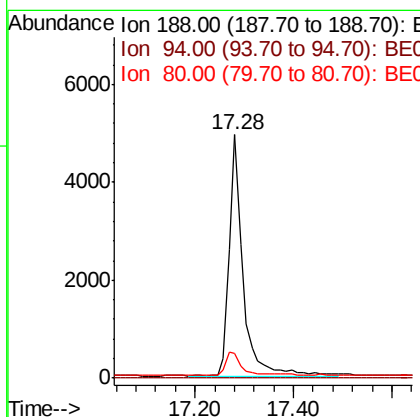
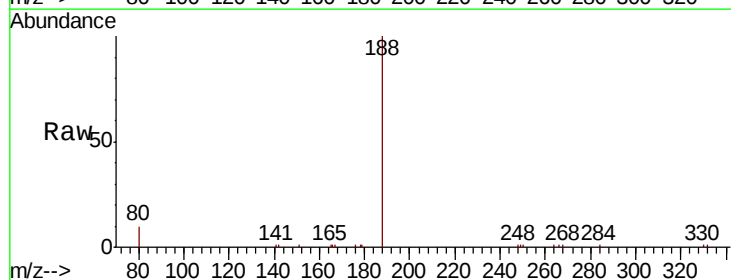
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20181204

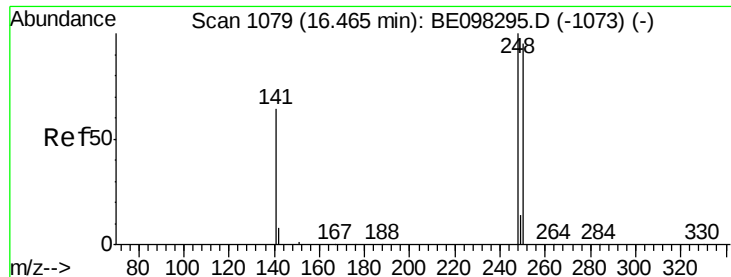
Tgt Ion:166 Resp: 22
 Ion Ratio Lower Upper
 166 100
 165 204.5 79.3 118.9#
 167 45.5 11.3 16.9#



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.28 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

Tgt Ion:188 Resp: 9599
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.1 7.2 10.8

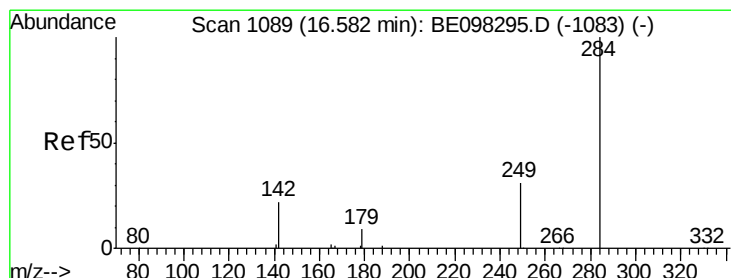
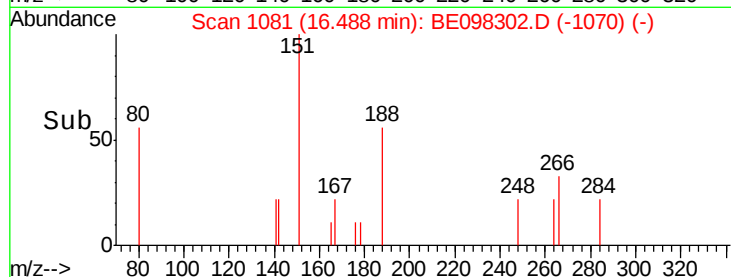
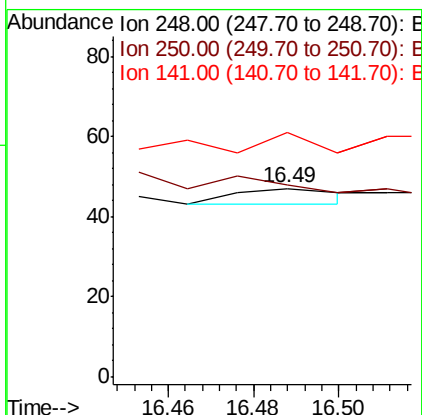
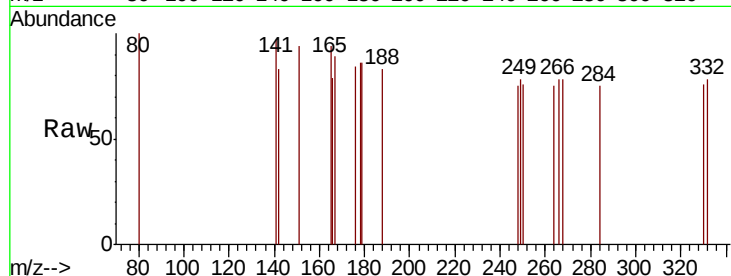




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.49 min Scan# 1081
Delta R.T. 0.02 min
Lab File: BE098302.D
Acq: 10 Dec 2018 17:32

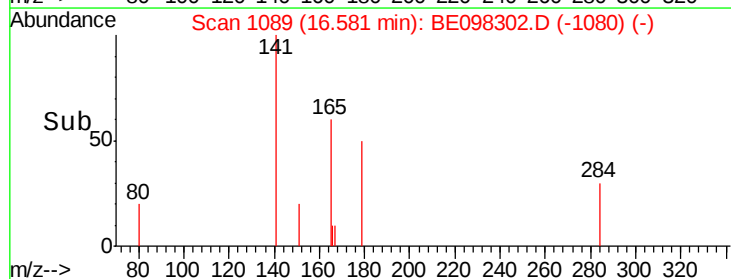
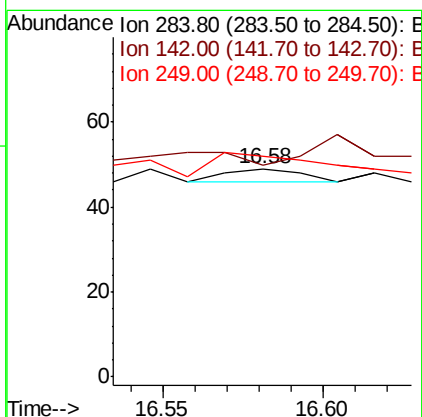
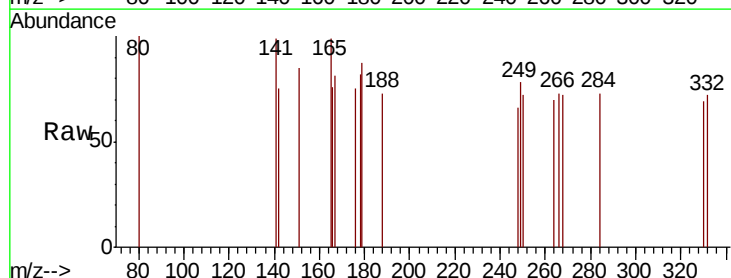
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306S-20181204

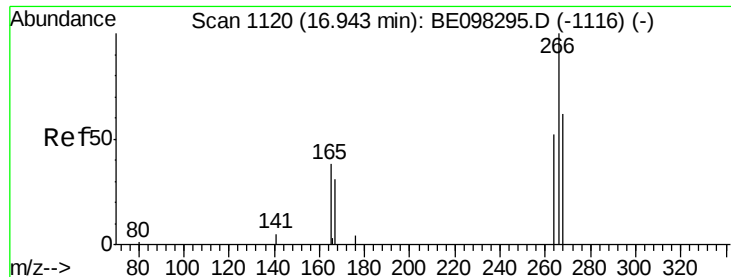
Tgt Ion: 248 Resp: 7
Ion Ratio Lower Upper
248 100
250 102.1 71.0 106.6
141 129.8 62.1 93.1#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098302.D
Acq: 10 Dec 2018 17:32

Tgt Ion: 284 Resp: 5
Ion Ratio Lower Upper
284 100
142 0.0 26.3 39.5#
249 300.0 26.0 39.0#

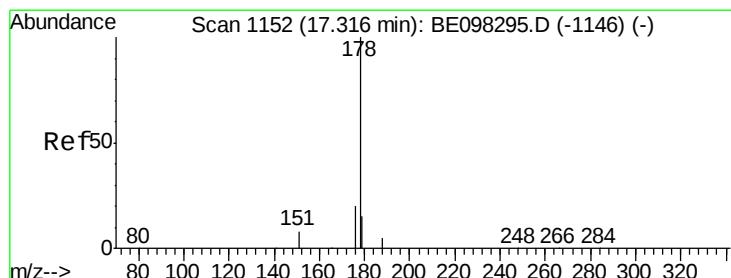
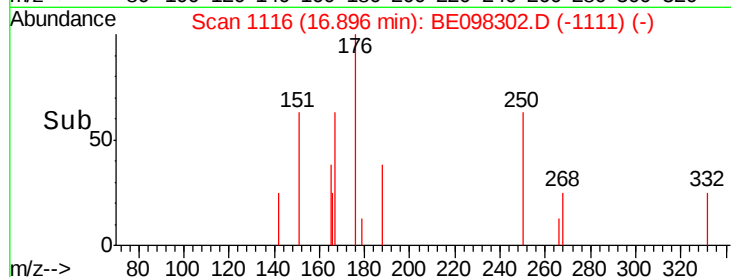
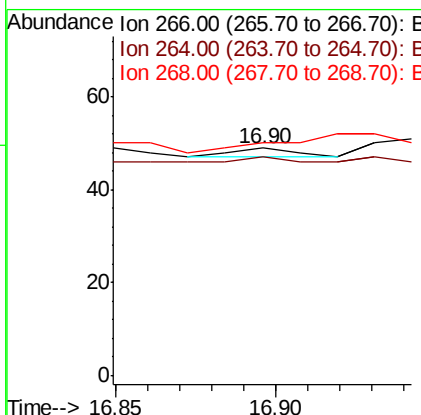
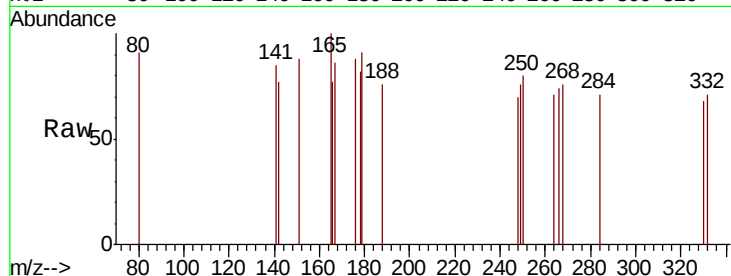




#22
 Pentachlorophenol
 Concen: 0.019 ng
 RT: 16.90 min Scan# 1116
 Delta R.T. -0.05 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

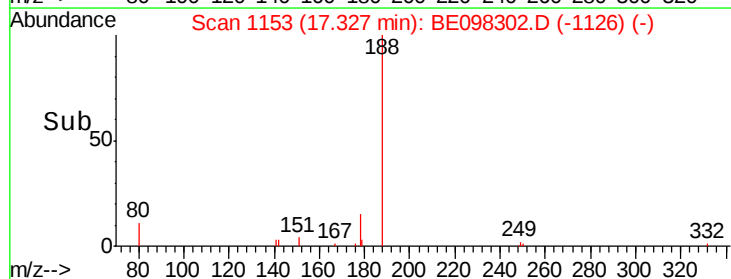
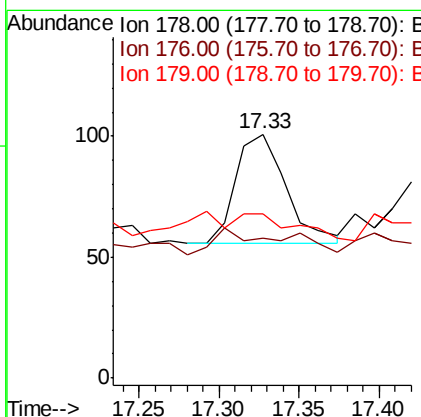
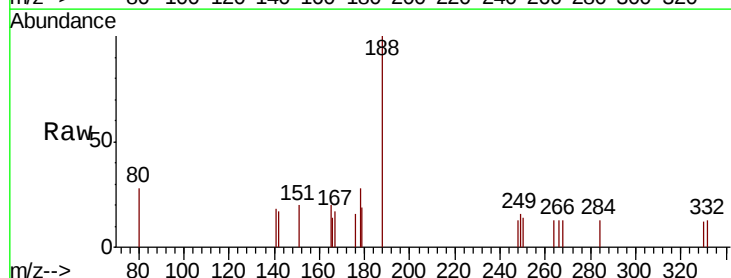
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20181204

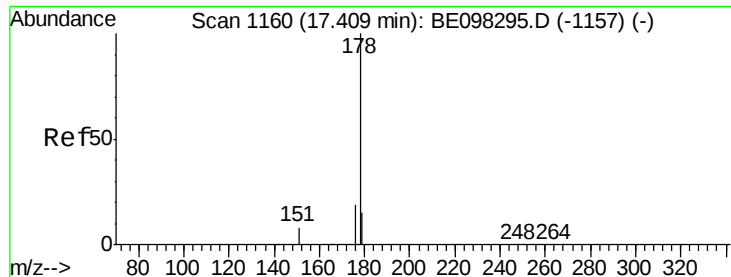
Tgt Ion: 266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 95.9 59.0 88.4#
 268 102.0 55.1 82.7#



#23
 Phenanthrene
 Concen: 0.004 ng
 RT: 17.33 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

Tgt Ion: 178 Resp: 96
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.9 23.9#
 179 0.0 12.3 18.5#





#24

Anthracene

Concen: 0.003 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

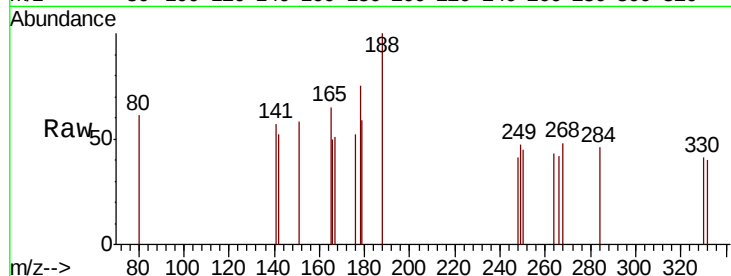
Tgt Ion:178 Resp: 55

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

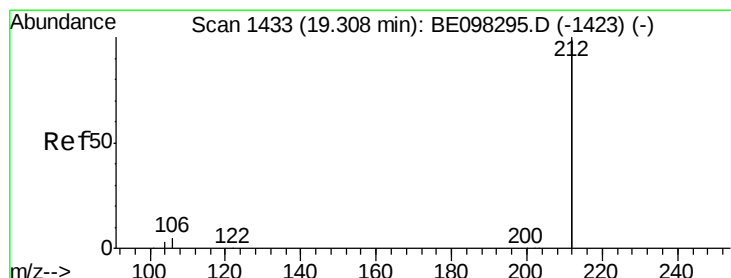
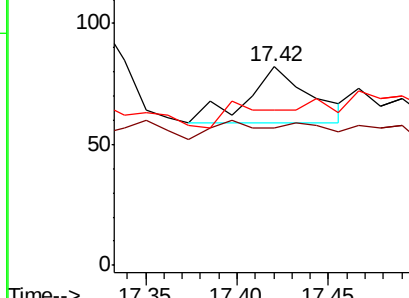
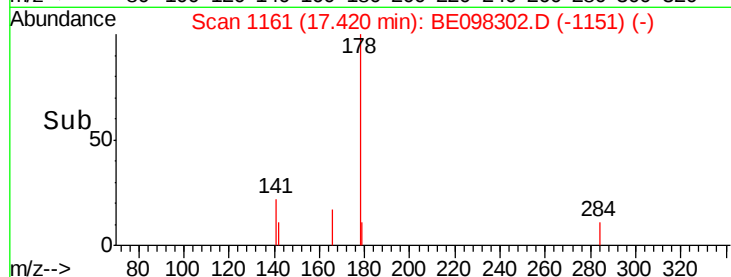
179 0.0 12.3 18.5#



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: 0.407 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

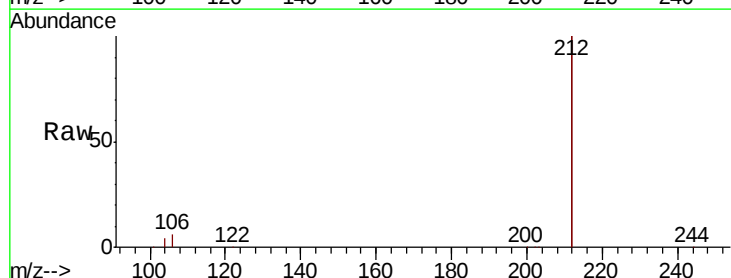
Tgt Ion:212 Resp: 50115

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

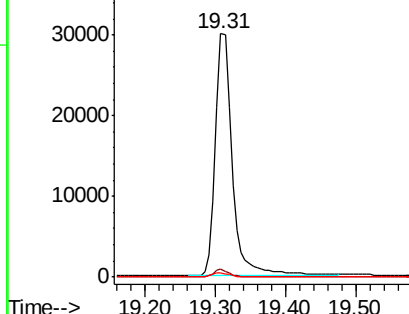
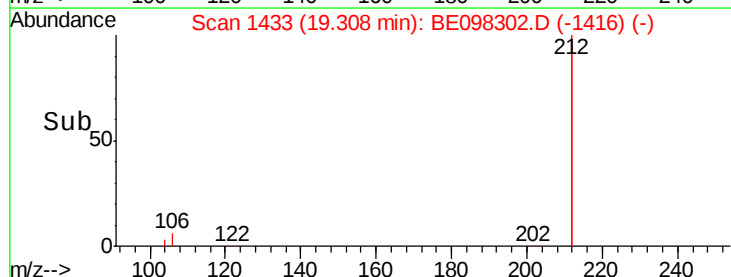
104 1.5 1.3 1.9

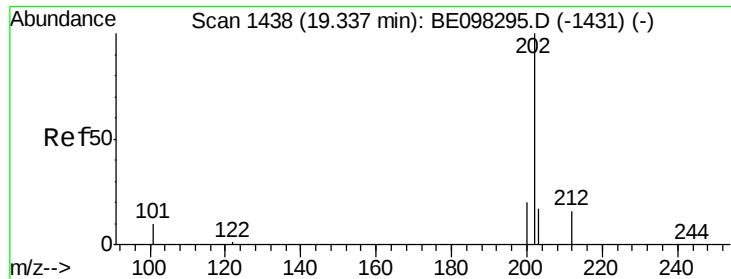


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

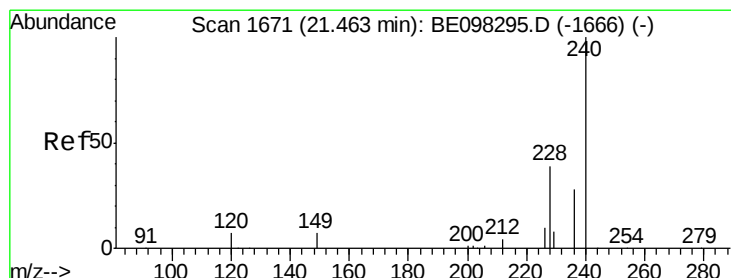
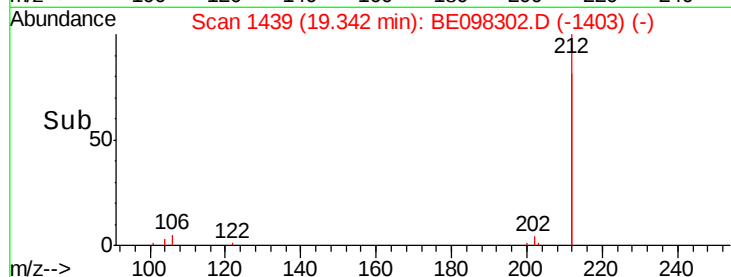
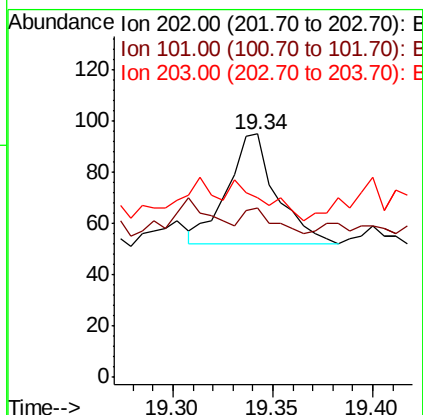
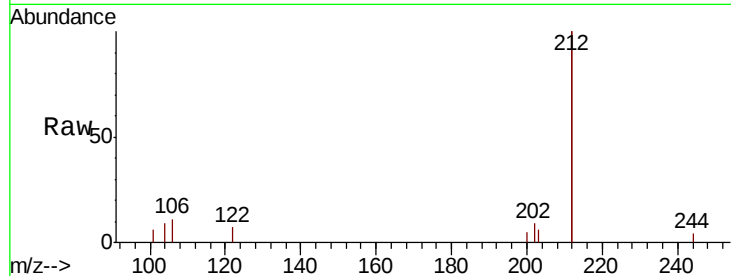




#26
 Fluoranthene
 Concen: 0.002 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

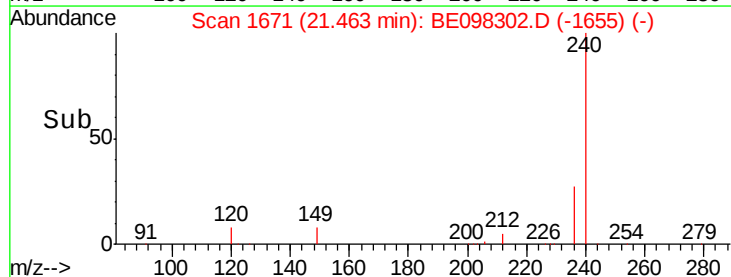
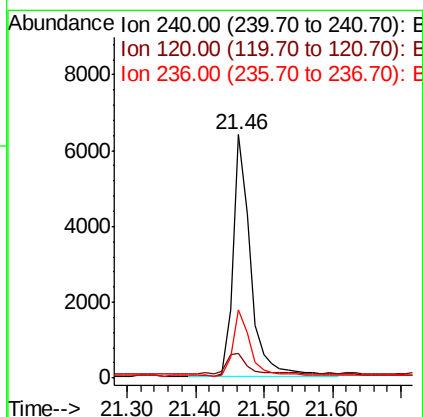
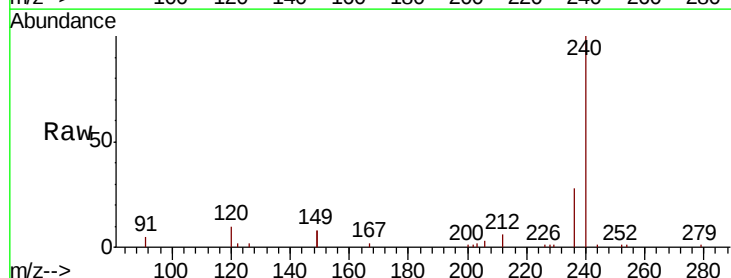
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20181204

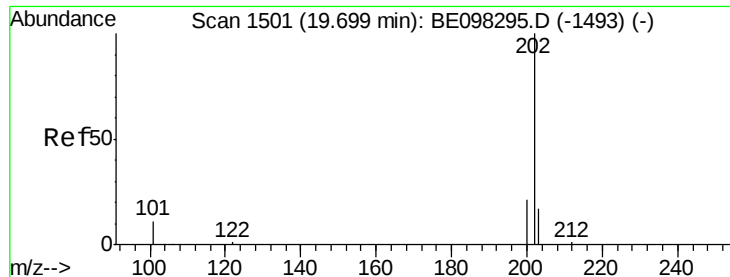
Tgt Ion:202 Resp: 73
 Ion Ratio Lower Upper
 202 100
 101 13.7 8.0 12.0#
 203 26.0 13.8 20.6#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

Tgt Ion:240 Resp: 11208
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.5 14.3
 236 28.0 22.7 34.1

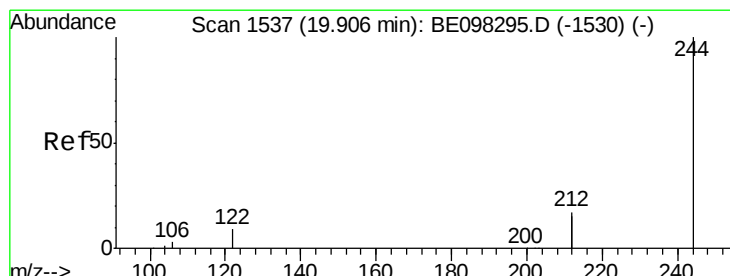
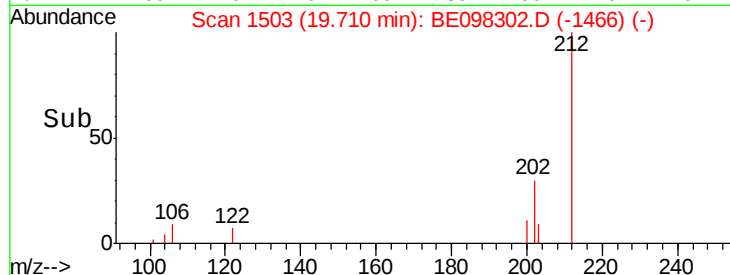
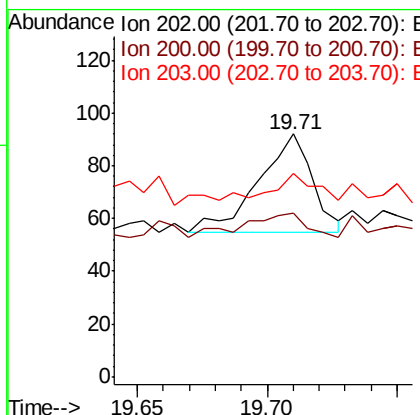
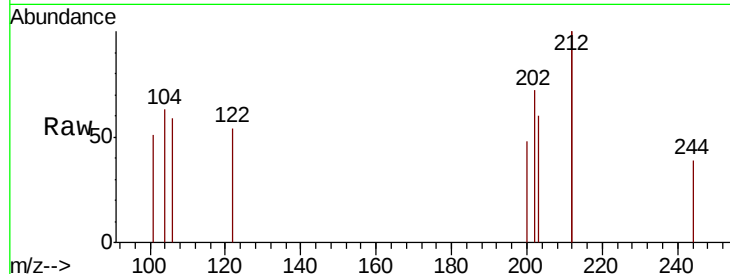




#28
 Pyrene
 Concen: 0.002 ng
 RT: 19.71 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

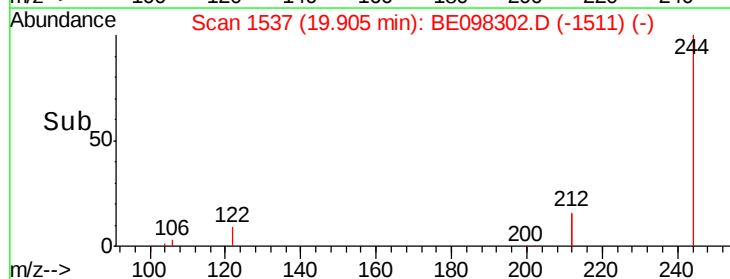
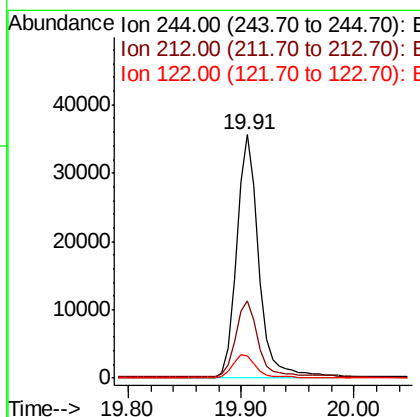
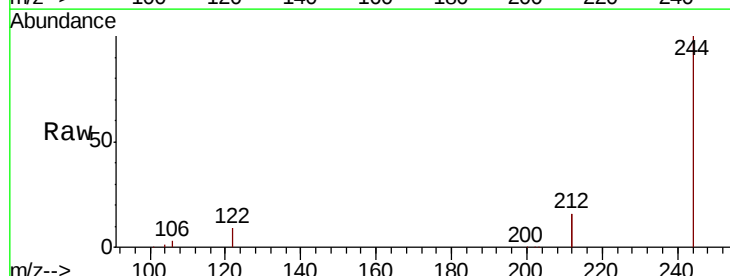
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20181204

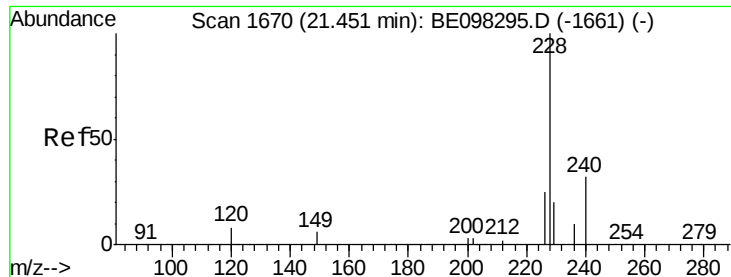
Tgt Ion: 202 Resp: 53
 Ion Ratio Lower Upper
 202 100
 200 22.6 16.7 25.1
 203 18.9 14.1 21.1



#29
 Terphenyl-d14
 Concen: 1.801 ng
 RT: 19.91 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

Tgt Ion: 244 Resp: 49059
 Ion Ratio Lower Upper
 244 100
 212 31.6 27.4 41.0
 122 9.4 8.3 12.5





#30

Benzo(a)anthracene

Concen: 0.004 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

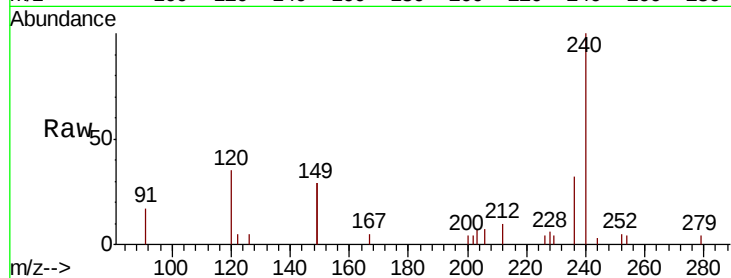
Tgt Ion:228 Resp: 115

Ion Ratio Lower Upper

228 100

226 68.7 21.8 32.8#

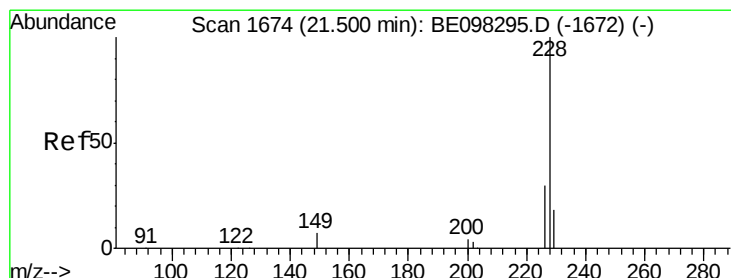
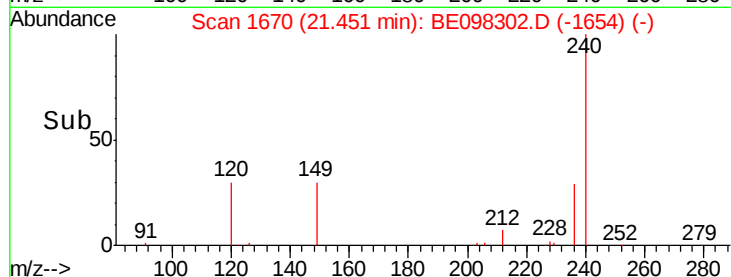
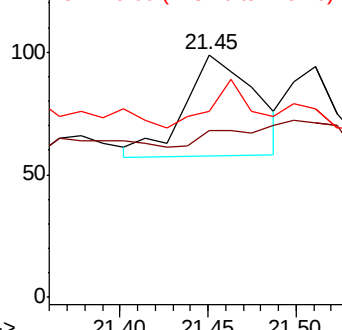
229 76.8 16.3 24.5#



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: 0.002 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

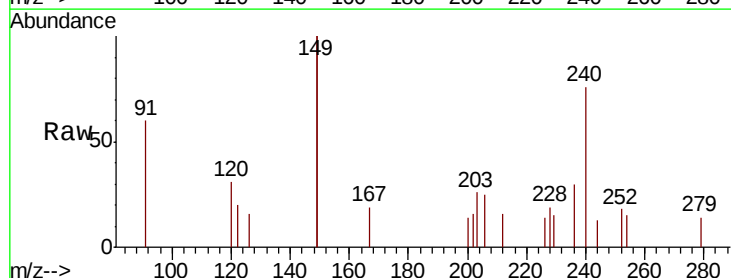
Tgt Ion:228 Resp: 60

Ion Ratio Lower Upper

228 100

226 75.5 23.4 35.0#

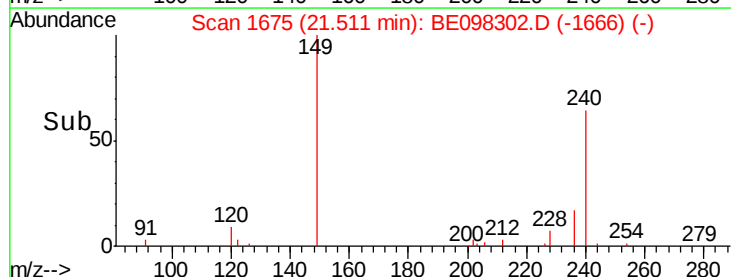
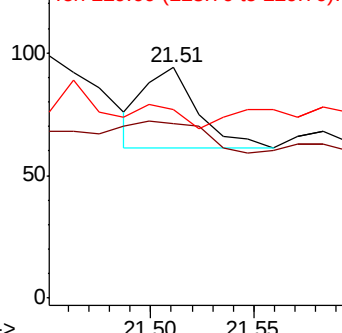
229 81.9 16.2 24.4#

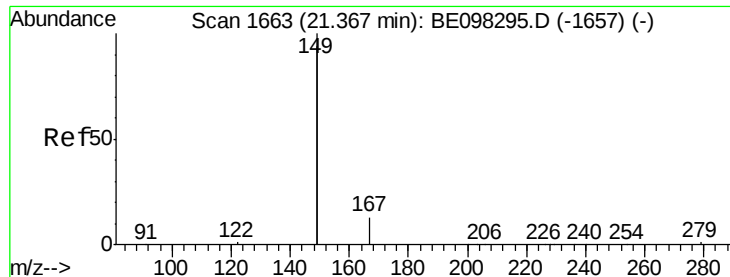


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.073 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

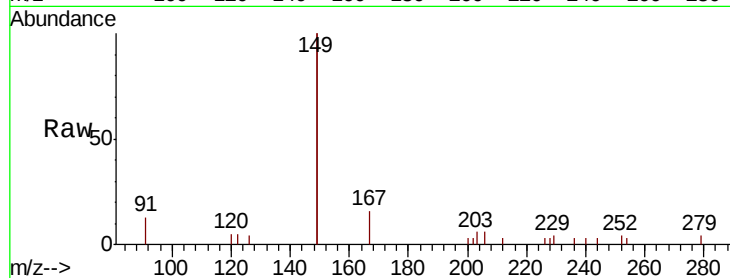
Tgt Ion:149 Resp: 4734

Ion Ratio Lower Upper

149 100

167 5.9 5.7 8.5

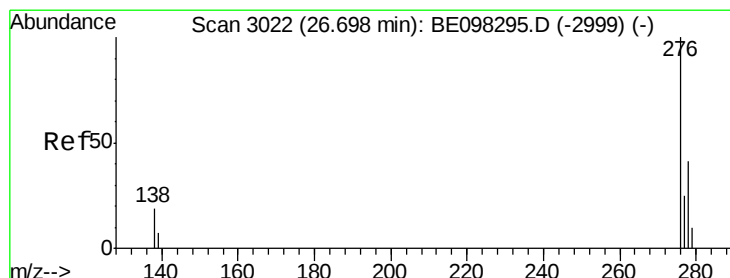
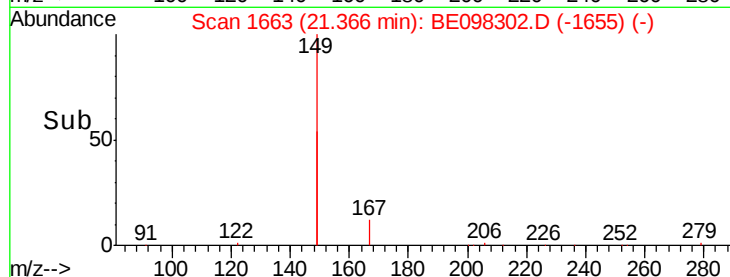
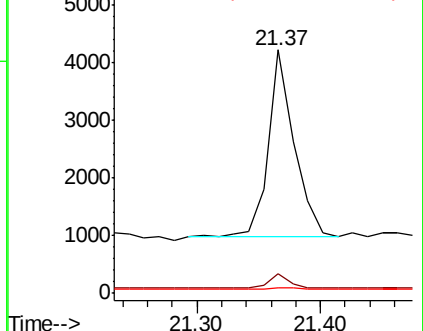
279 1.0 1.0 1.4



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: 0.000 ng

RT: 26.69 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

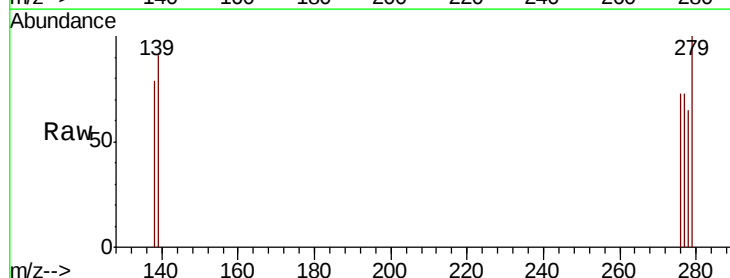
Tgt Ion:276 Resp: 9

Ion Ratio Lower Upper

276 100

138 44.4 16.3 24.5#

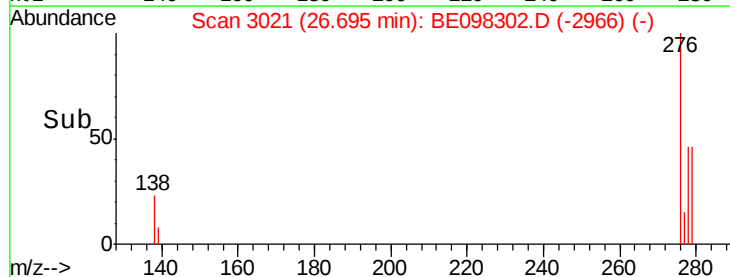
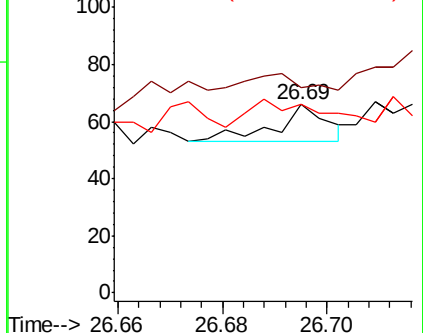
277 111.1 20.2 30.4#

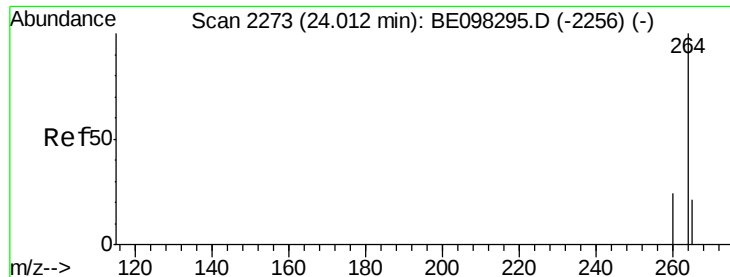


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

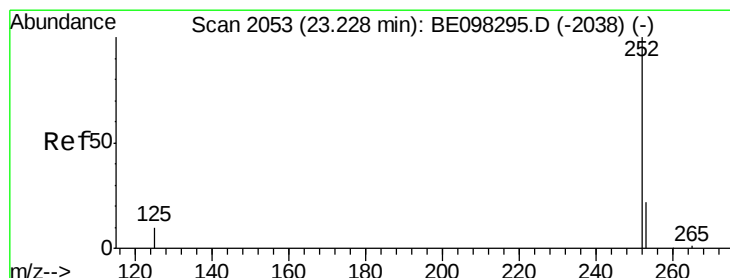
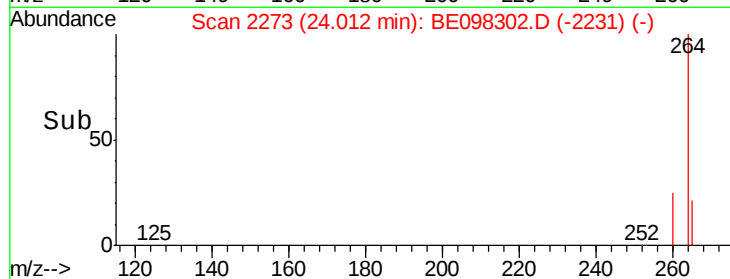
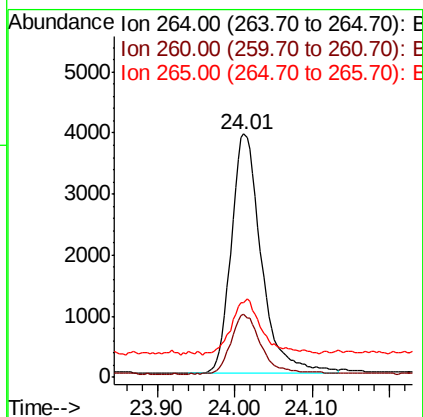
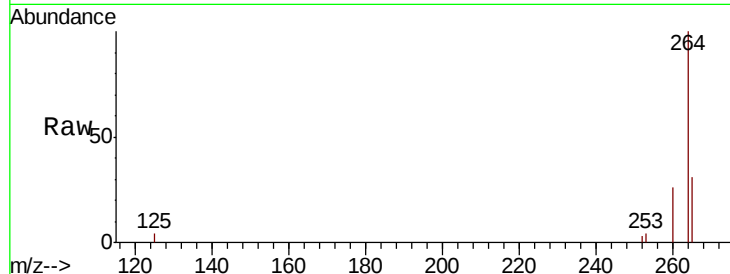




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

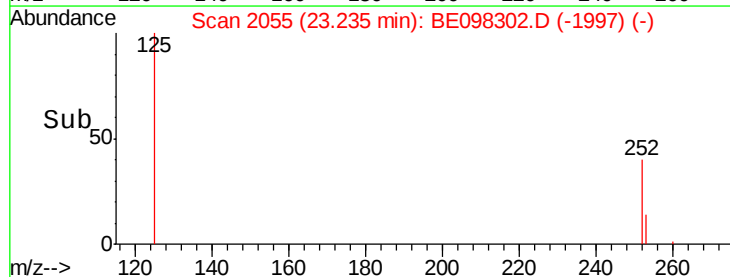
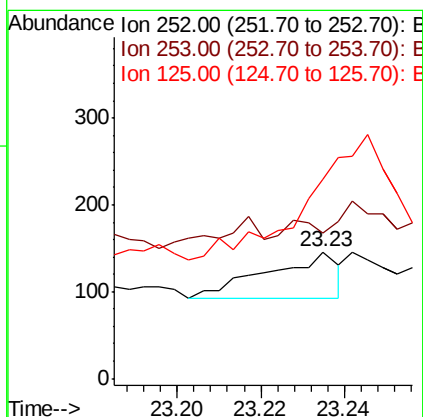
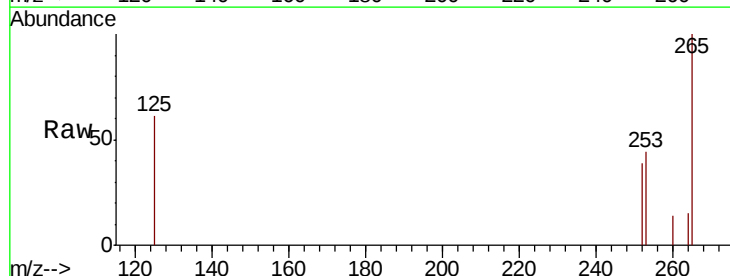
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306S-20181204

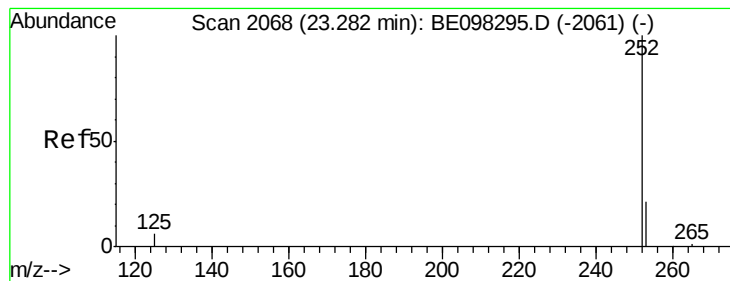
Tgt Ion: 264 Resp: 10663
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.2
 265 30.9 25.2 37.8



#35
 Benzo(b)fluoranthene
 Concen: 0.002 ng
 RT: 23.23 min Scan# 2055
 Delta R.T. 0.01 min
 Lab File: BE098302.D
 Acq: 10 Dec 2018 17:32

Tgt Ion: 252 Resp: 63
 Ion Ratio Lower Upper
 252 100
 253 114.4 20.0 30.0#
 125 157.5 9.6 14.4#





#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

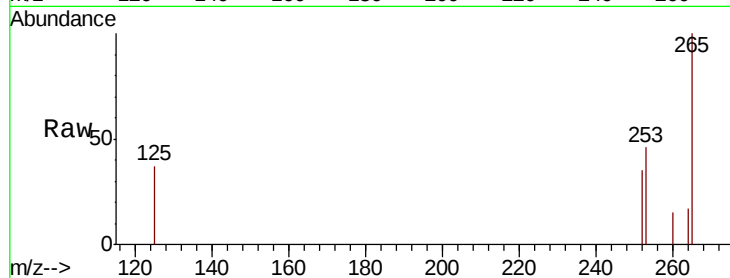
Tgt Ion: 252 Resp: 12

Ion Ratio Lower Upper

252 100

253 129.3 19.0 28.6#

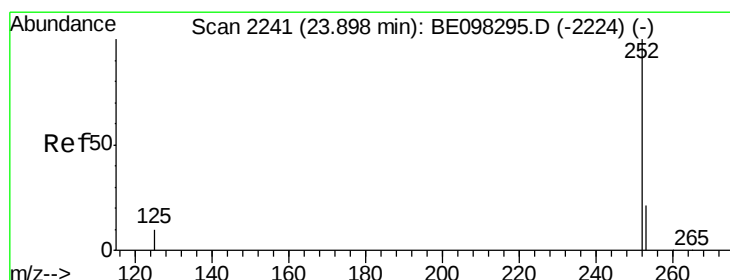
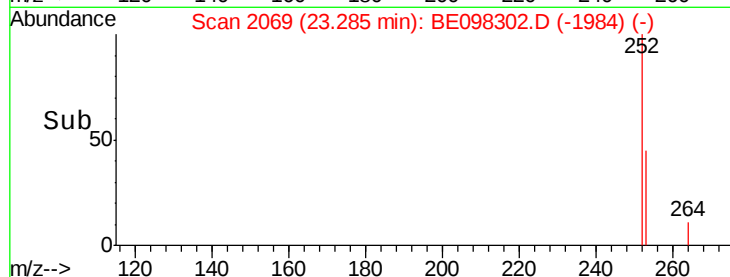
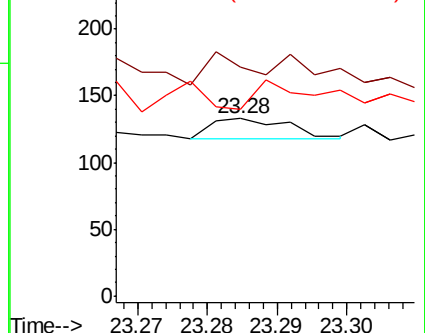
125 105.3 9.1 13.7#



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: 0.001 ng

RT: 23.90 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

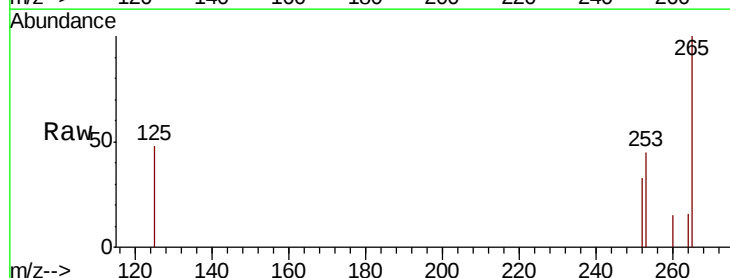
Tgt Ion: 252 Resp: 25

Ion Ratio Lower Upper

252 100

253 137.2 20.6 30.8#

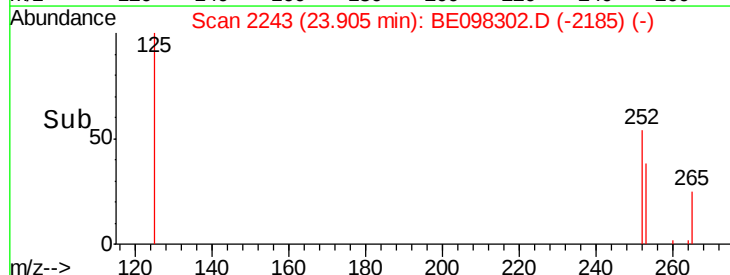
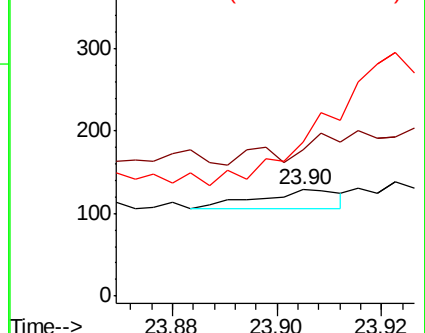
125 145.0 10.5 15.7#

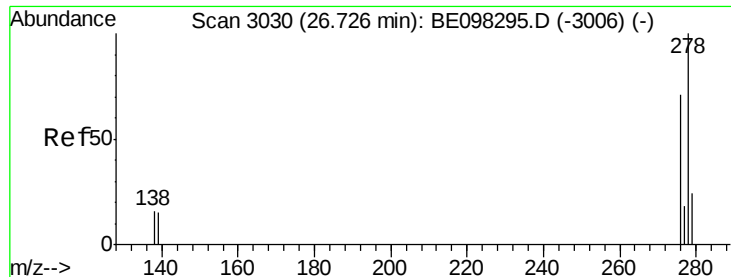


Abundance Ion 252.00 (251.70 to 252.70): E

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# 3031

Delta R.T. 0.00 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306S-20181204

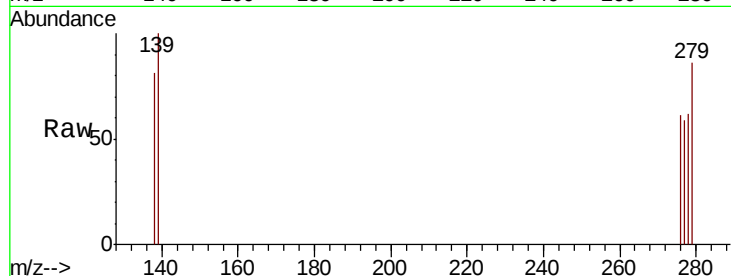
Tgt Ion:278 Resp: 8

Ion Ratio Lower Upper

278 100

139 160.9 14.5 21.7#

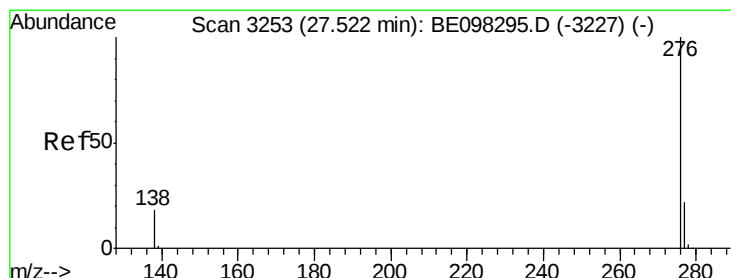
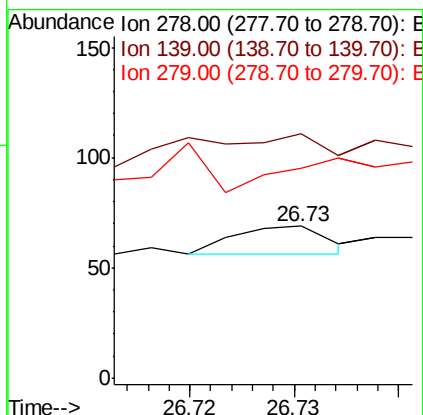
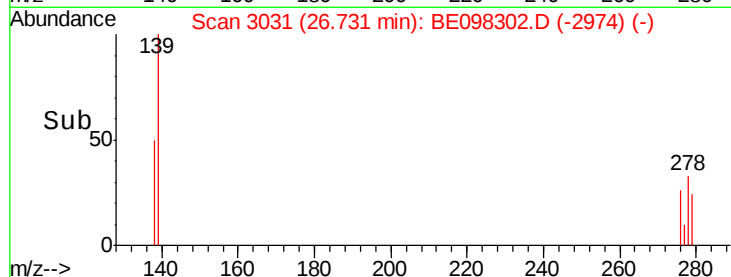
279 137.7 21.8 32.8#



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: 27.54 min Scan# 3257

Delta R.T. 0.02 min

Lab File: BE098302.D

Acq: 10 Dec 2018 17:32

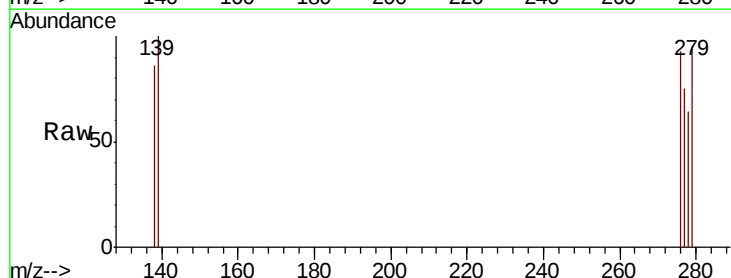
Tgt Ion:276 Resp: 24

Ion Ratio Lower Upper

276 100

277 80.5 20.8 31.2#

138 92.2 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

