

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098304.D
 Acq On : 10 Dec 2018 18:47
 Operator : SJ/JU
 Sample : J6259-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305S-20181205

Quant Time: Dec 11 00:48:11 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	1737	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6851	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4184	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	10834	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12578	0.40	ng	0.00
34) Perylene-d12	24.01	264	12254	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	737	0.18	ng	0.00
5) Phenol-d6	7.04	99	552	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	2459	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	4230	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	671	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9555	0.54	ng	0.00
25) Fluoranthene-d10	19.31	212	57631	0.41	ng	0.00
29) Terphenyl-d14	19.90	244	15865	0.52	ng	0.00

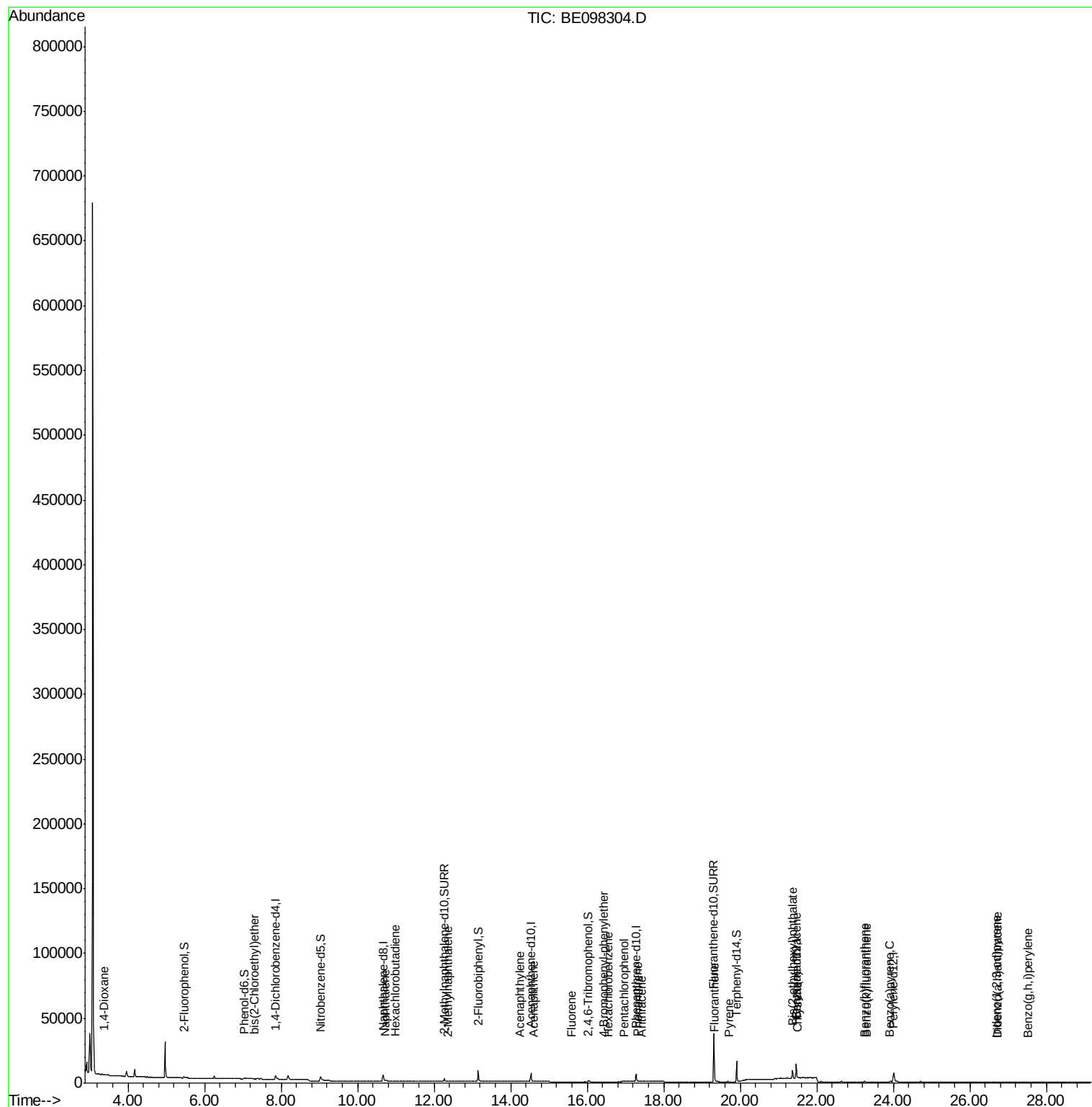
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	110	0.037	ng	# 12
6) bis(2-Chloroethyl)ether	7.29	93	8	0.001	ng	# 1
9) Naphthalene	10.72	128	157	0.002	ng	# 55
10) Hexachlorobutadiene	10.99	225	3	0.001	ng	# 19
12) 2-Methylnaphthalene	12.35	142	22	0.002	ng	# 59
16) Acenaphthylene	14.23	152	16	0.001	ng	# 61
17) Acenaphthene	14.60	154	9	0.001	ng	# 1
18) Fluorene	15.58	166	12	0.001	ng	# 1
20) 4-Bromophenyl-phenylether	16.43	248	6	0.001	ng	# 69
21) Hexachlorobenzene	16.56	284	8	0.001	ng	# 1
22) Pentachlorophenol	16.95	266	50	0.068	ng	# 75
23) Phenanthrene	17.31	178	120	0.005	ng	# 50
24) Anthracene	17.42	178	65	0.003	ng	# 39
26) Fluoranthene	19.34	202	105	0.003	ng	# 69
28) Pyrene	19.71	202	64	0.002	ng	# 83
30) Benzo(a)anthracene	21.46	228	135	0.004	ng	# 1
31) Chrysene	21.50	228	47	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.37	149	8364	0.115	ng	97
33) Indeno(1,2,3-cd)pyrene	26.70	276	20	0.001	ng	# 39
35) Benzo(b)fluoranthene	23.24	252	127	0.004	ng	# 1
36) Benzo(k)fluoranthene	23.29	252	71	0.002	ng	# 1
37) Benzo(a)pyrene	23.90	252	38	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.72	278	16	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.51	276	6	0.000	ng	# 1

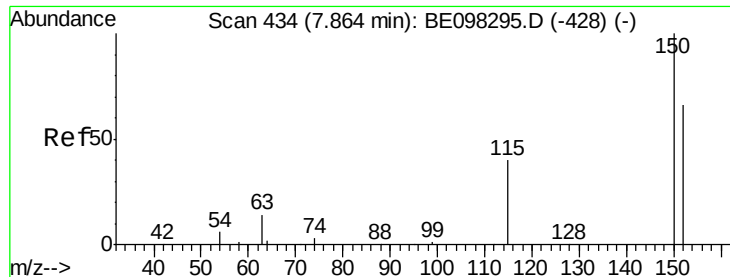
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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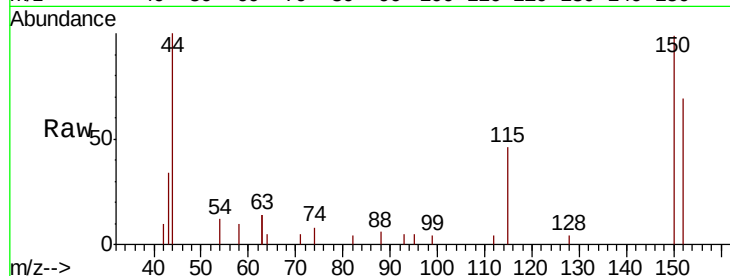


#1

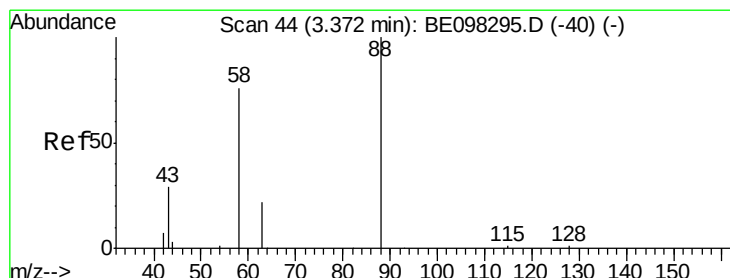
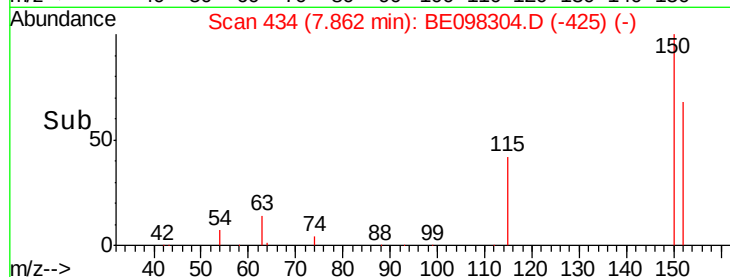
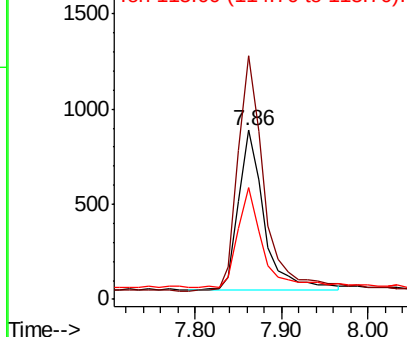
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098304.D
Acq: 10 Dec 2018 18:47

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305S-20181205

Tgt Ion: 152 Resp: 1737
Ion Ratio Lower Upper
152 100
150 144.0 124.2 186.4
115 66.3 53.9 80.9



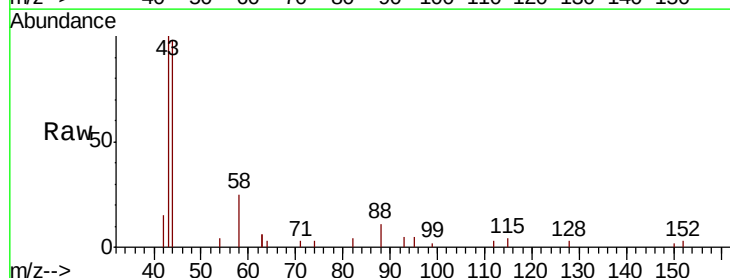
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



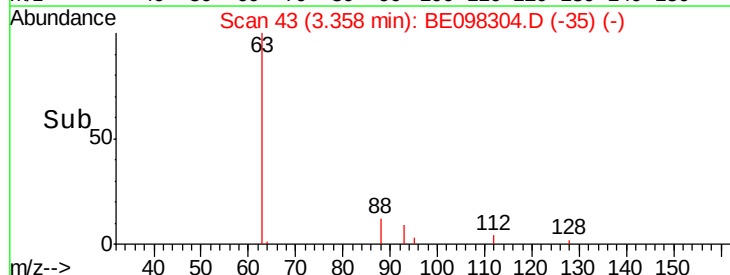
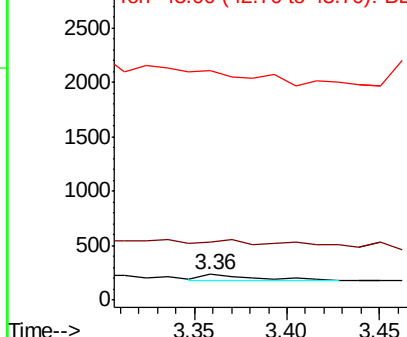
#2

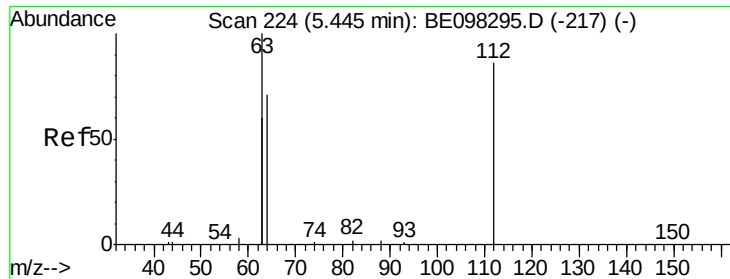
1,4-Dioxane
Concen: 0.037 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098304.D
Acq: 10 Dec 2018 18:47

Tgt Ion: 88 Resp: 110
Ion Ratio Lower Upper
88 100
58 0.0 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





#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

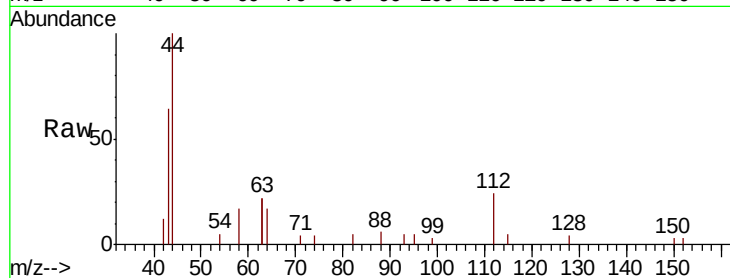
Tgt Ion: 112 Resp: 737

Ion Ratio Lower Upper

112 100

64 75.3 59.8 89.8

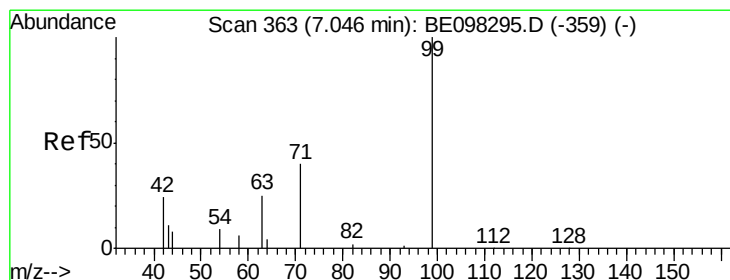
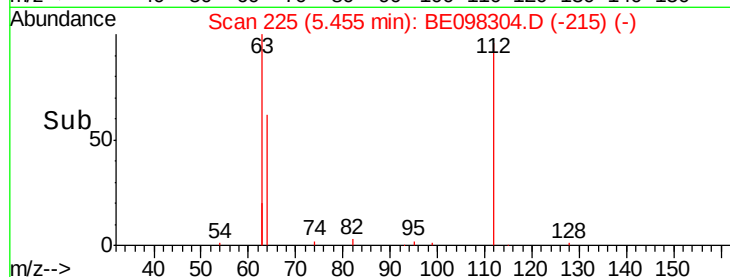
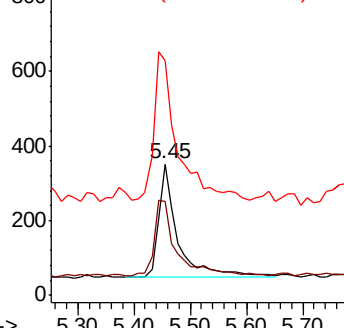
63 163.0 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.096 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

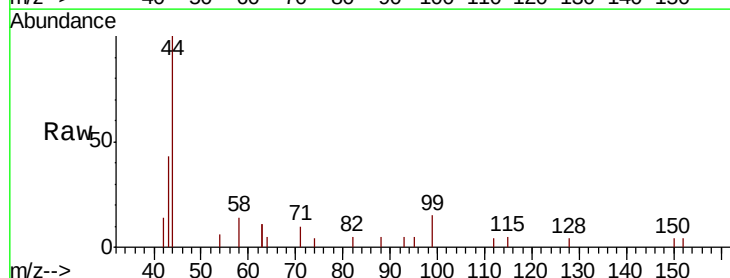
Tgt Ion: 99 Resp: 552

Ion Ratio Lower Upper

99 100

42 52.7 26.3 39.5#

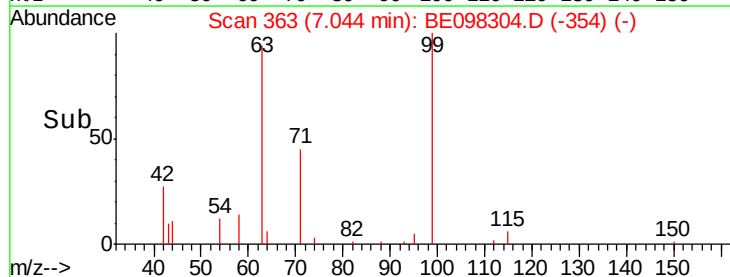
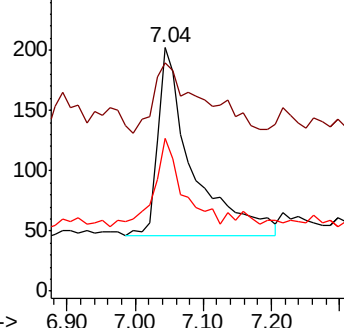
71 38.2 33.6 50.4

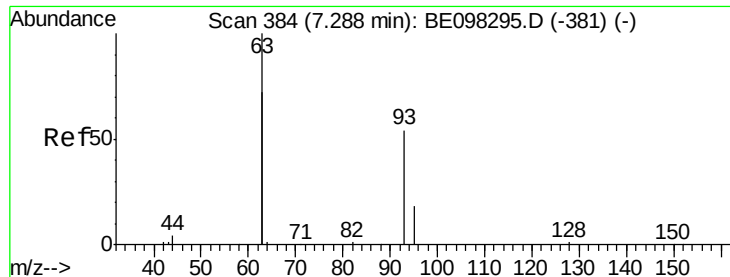


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

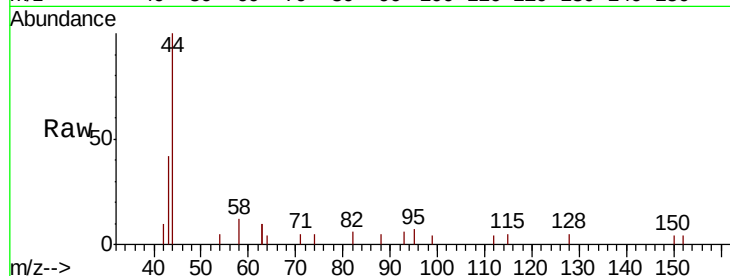
Tgt Ion: 93 Resp: 8

Ion Ratio Lower Upper

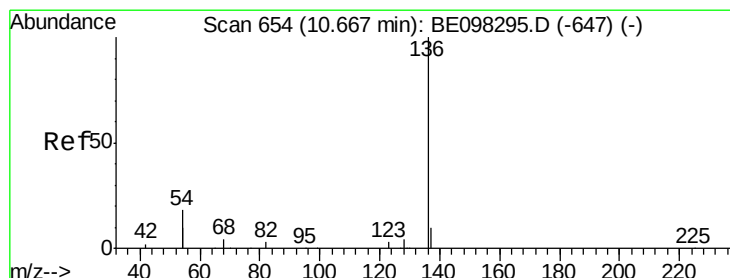
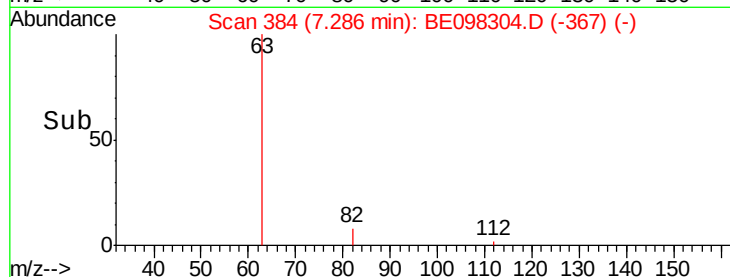
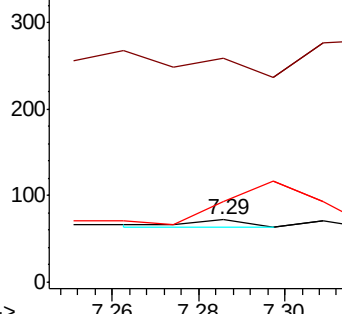
93 100

63 0.0 264.4 396.6#

95 875.0 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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Tgt Ion: 136 Resp: 6851

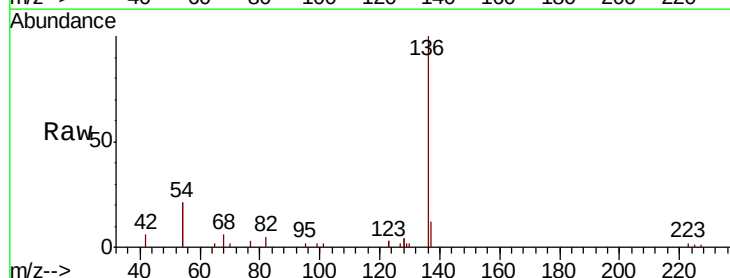
Ion Ratio Lower Upper

136 100

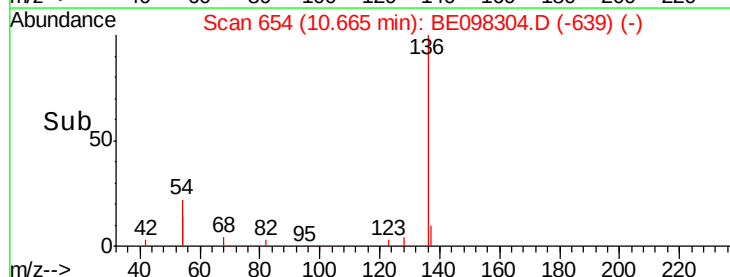
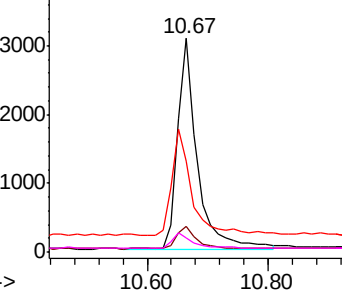
137 11.9 9.2 13.8

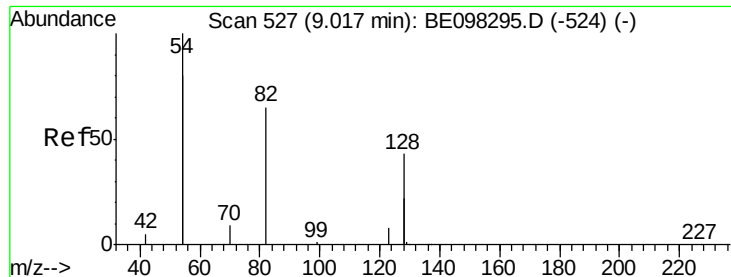
54 42.6 28.4 42.6

68 6.4 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

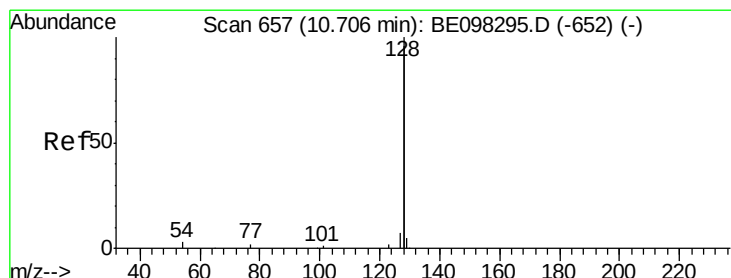
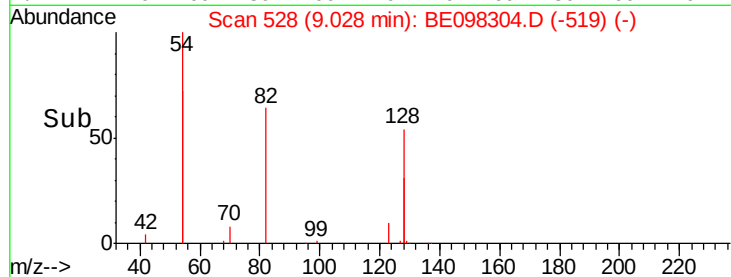
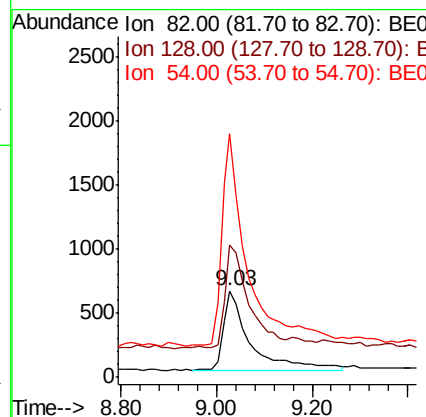
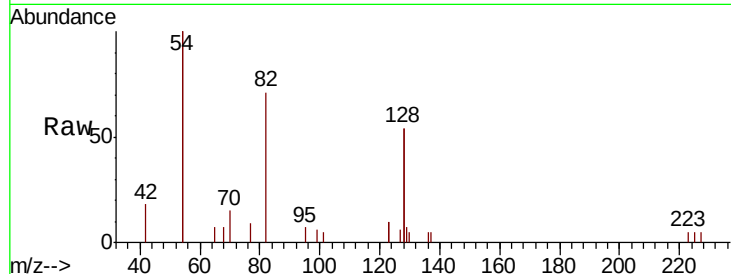




#8
 Nitrobenzene-d5
 Concen: 0.394 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

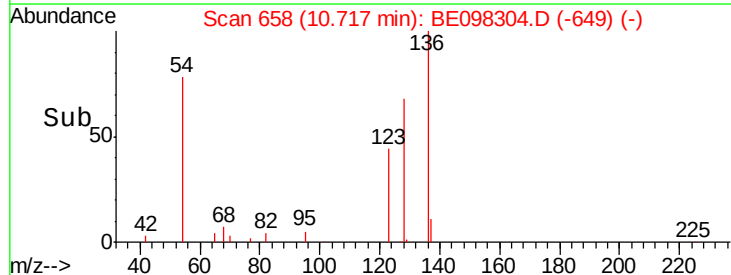
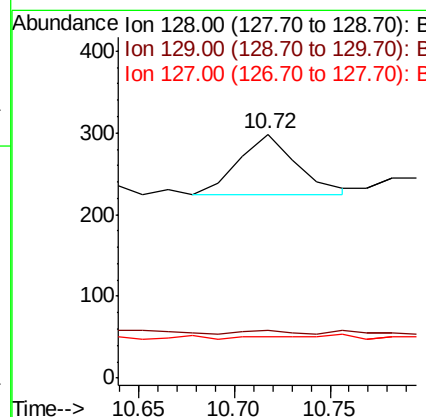
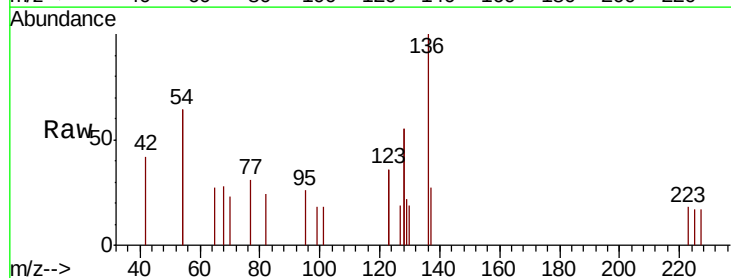
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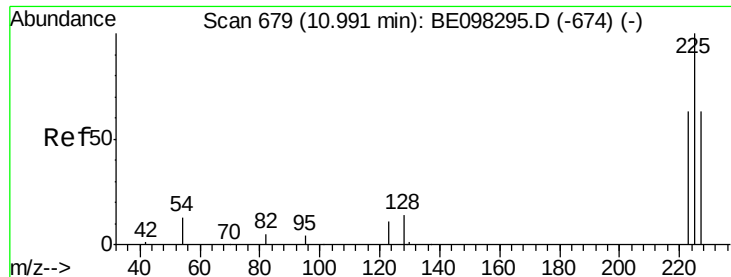
Tgt Ion	Ratio	Lower	Upper
82	100		
128	152.9	102.4	153.6
54	281.2	221.8	332.8



#9
 Naphthalene
 Concen: 0.002 ng
 RT: 10.72 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	19.5	2.5	3.7#
127	17.1	2.7	4.1#

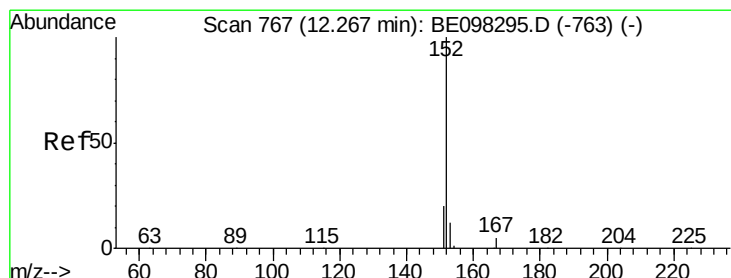
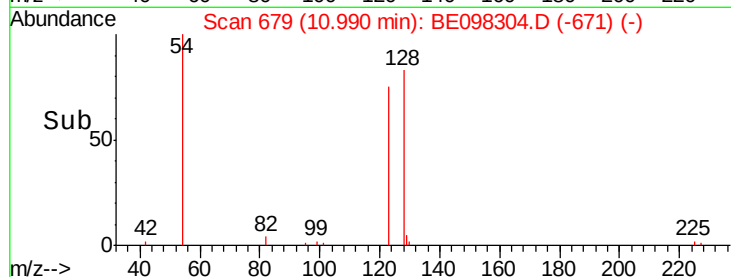
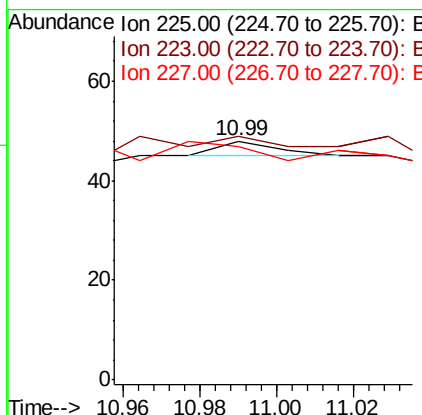
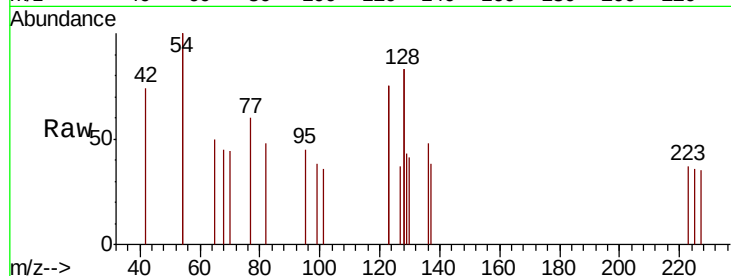




#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098304.D
Acq: 10 Dec 2018 18:47

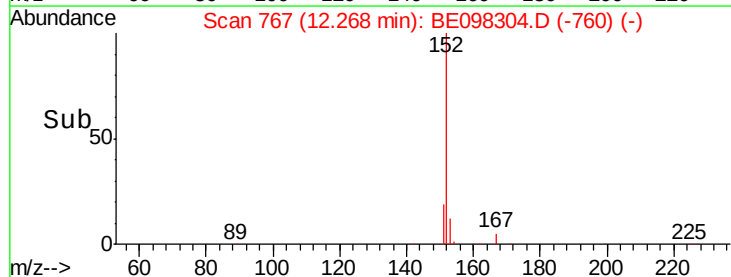
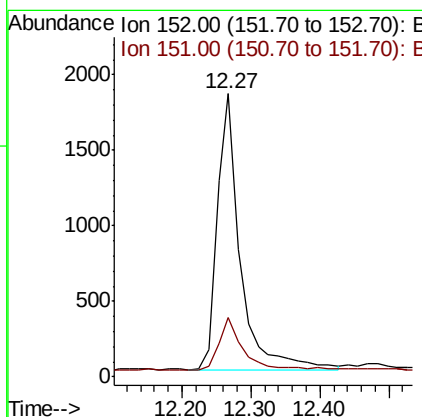
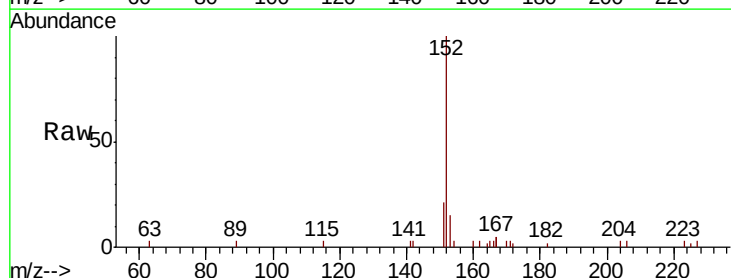
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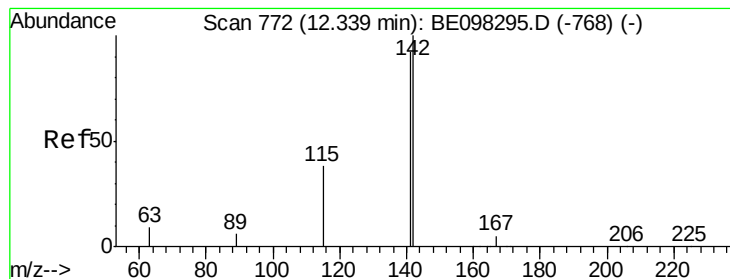
Tgt Ion: 225 Resp: 3
Ion Ratio Lower Upper
225 100
223 0.0 49.4 74.0#
227 0.0 52.0 78.0#



#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098304.D
Acq: 10 Dec 2018 18:47

Tgt Ion: 152 Resp: 4230
Ion Ratio Lower Upper
152 100
151 18.9 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.35 min Scan# 773

Delta R.T. 0.02 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

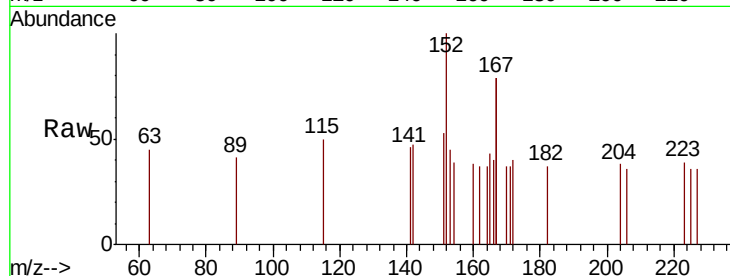
Tgt Ion:142 Resp: 22

Ion Ratio Lower Upper

142 100

141 98.3 71.0 106.6

115 106.8 32.2 48.2#

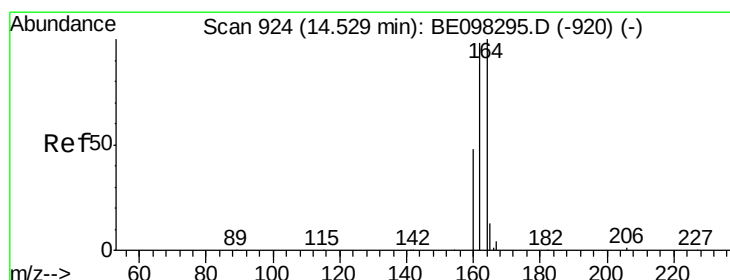
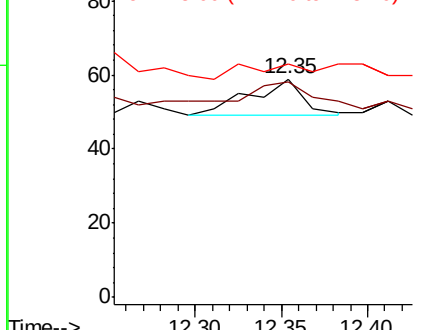
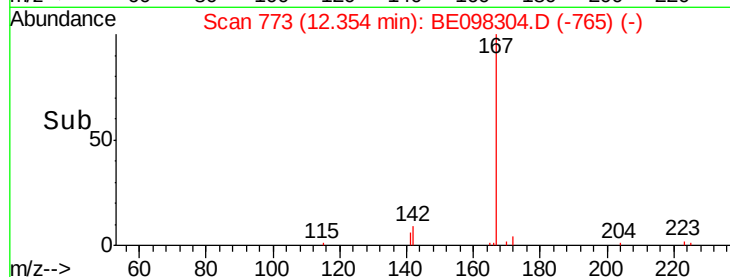


Abundance

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: BE098304.D

Acq: 10 Dec 2018 18:47

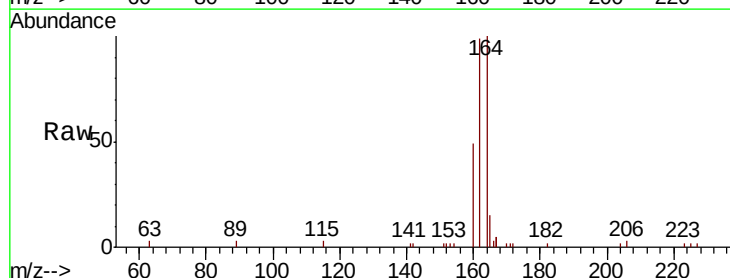
Tgt Ion:164 Resp: 4184

Ion Ratio Lower Upper

164 100

162 98.7 77.6 116.4

160 49.3 36.0 54.0

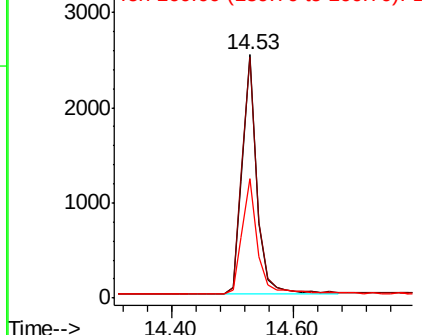
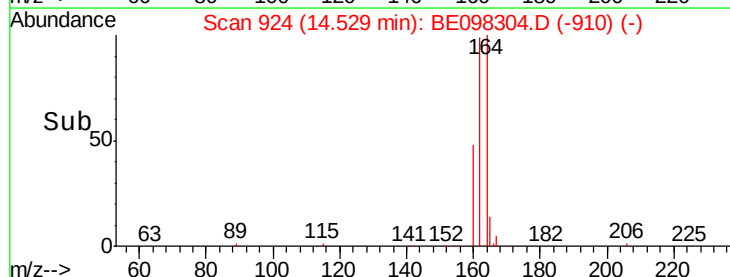


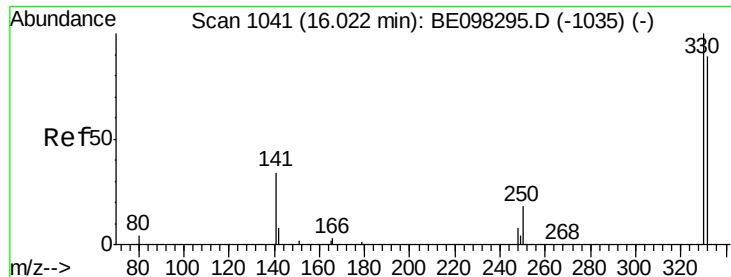
Abundance

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

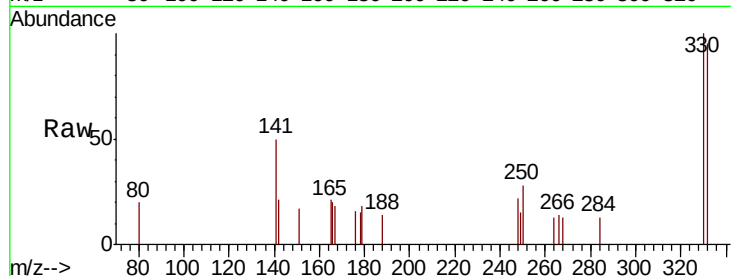




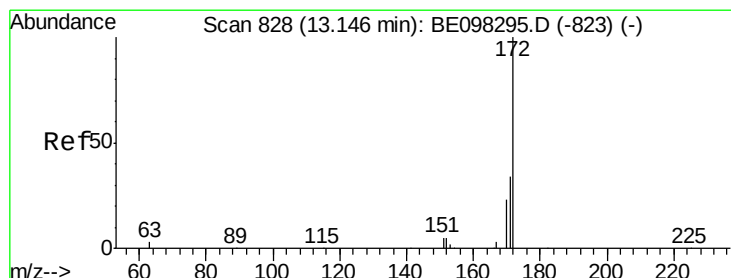
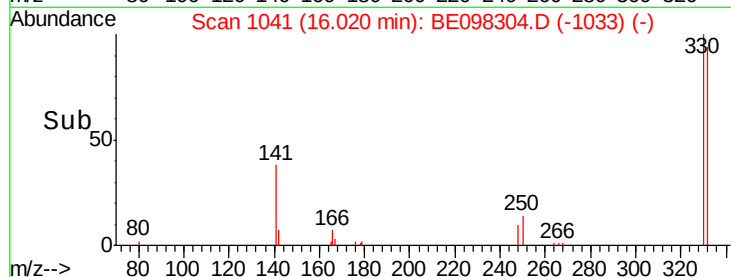
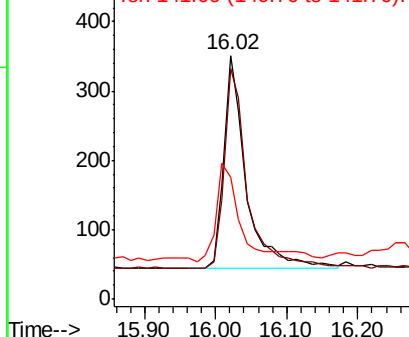
#14
 2,4,6-Tribromophenol
 Concen: 0.437 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305S-20181205

Tgt Ion: 330 Resp: 671
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.2 114.4
 141 46.1 39.0 58.4

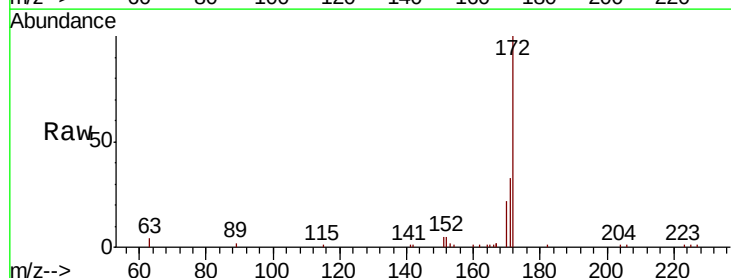


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

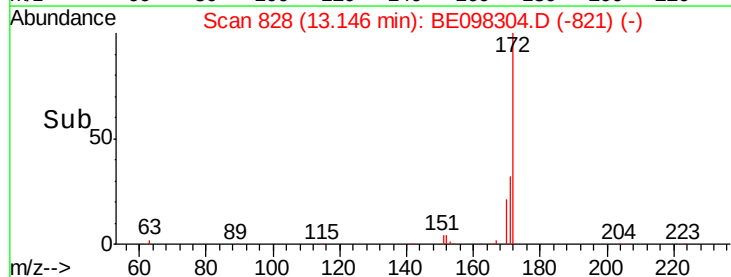
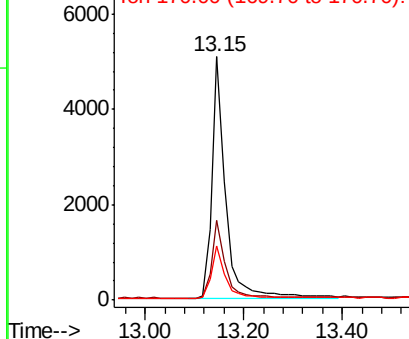


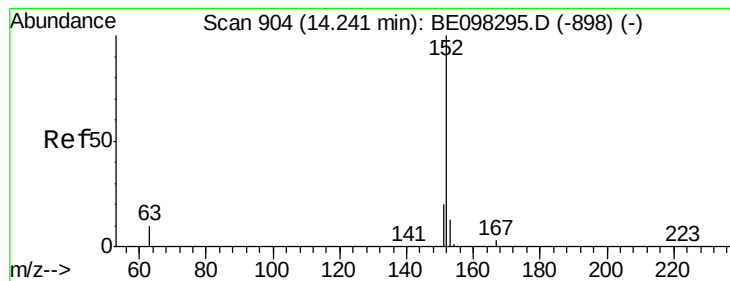
#15
 2-Fluorobiphenyl
 Concen: 0.541 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

Tgt Ion: 172 Resp: 9555
 Ion Ratio Lower Upper
 172 100
 171 32.5 27.5 41.3
 170 22.1 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: 14.23 min Scan# 903

Delta R.T. -0.01 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

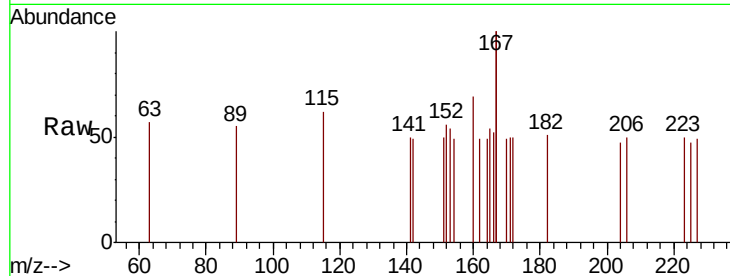
Tgt Ion:152 Resp: 16

Ion Ratio Lower Upper

152 100

151 0.0 15.5 23.3#

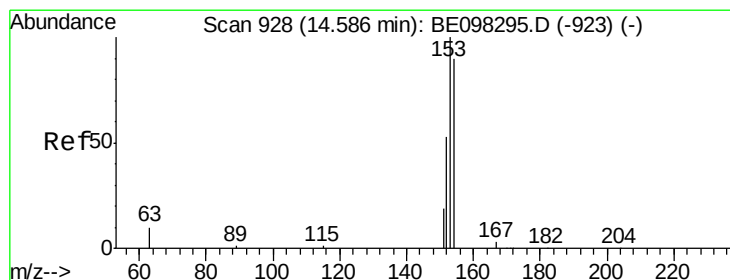
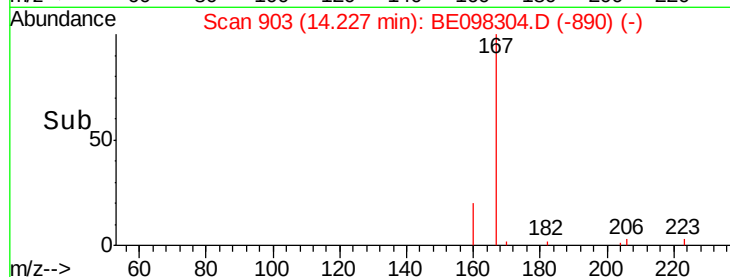
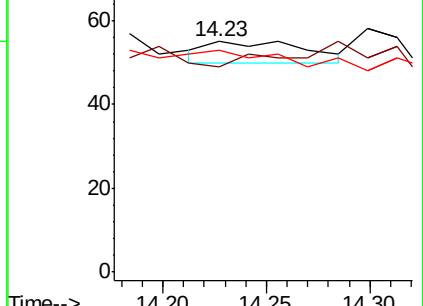
153 0.0 10.6 16.0#



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. 0.02 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

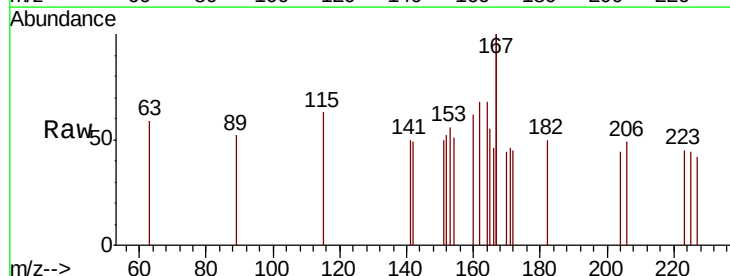
Tgt Ion:154 Resp: 9

Ion Ratio Lower Upper

154 100

153 311.1 91.8 137.6#

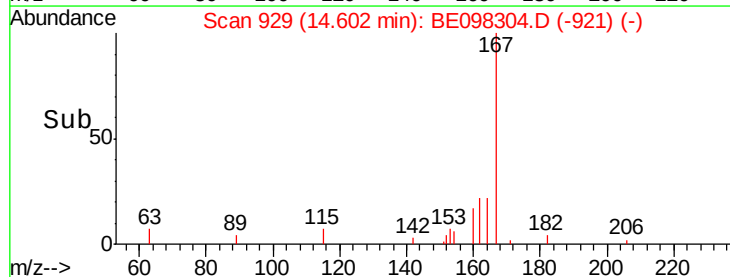
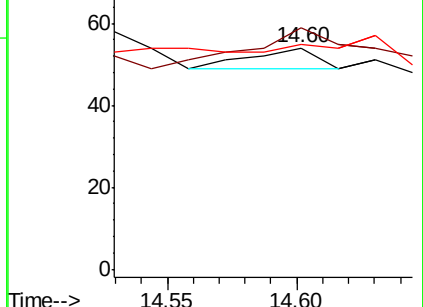
152 33.3 45.5 68.3#

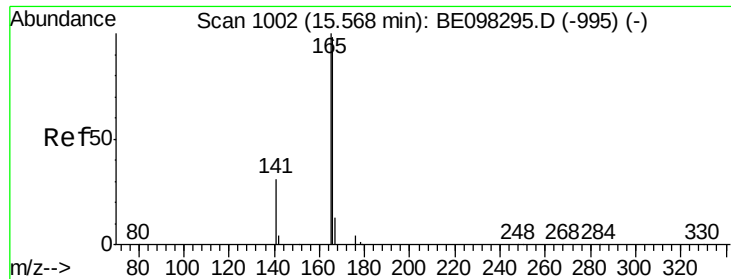


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.001 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

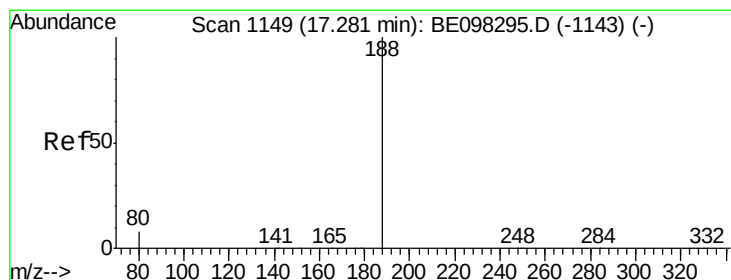
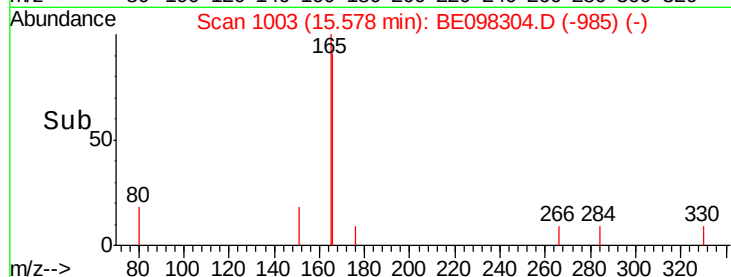
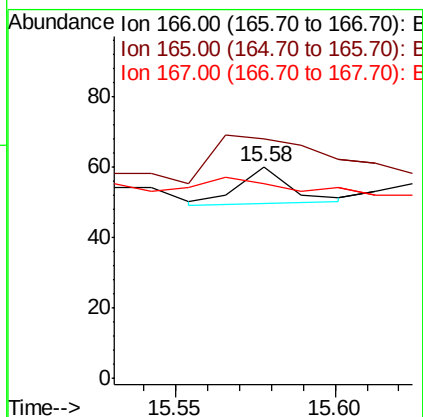
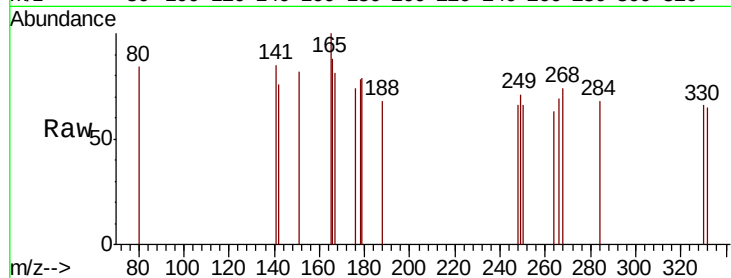
Tgt Ion:166 Resp: 12

Ion Ratio Lower Upper

166 100

165 316.7 79.3 118.9#

167 75.0 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: BE098304.D

Acq: 10 Dec 2018 18:47

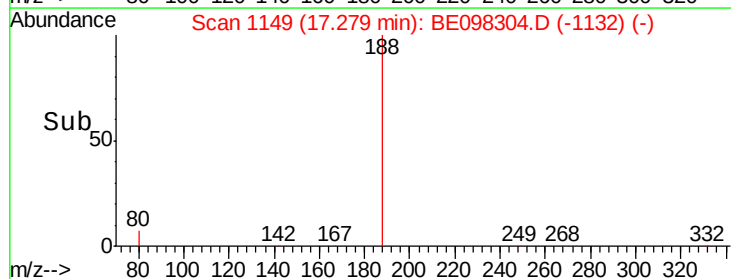
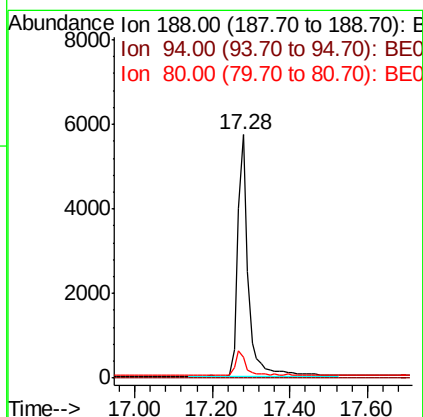
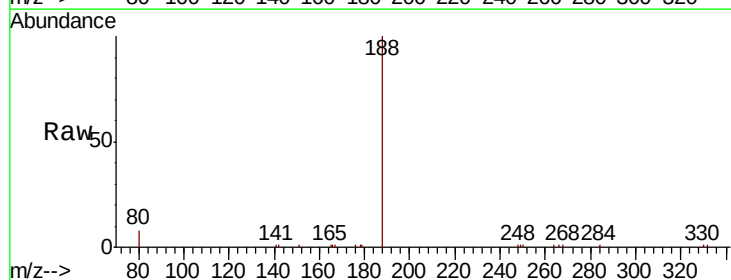
Tgt Ion:188 Resp: 10834

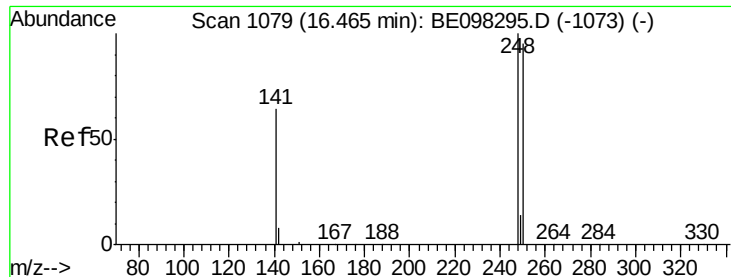
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 7.2 10.8

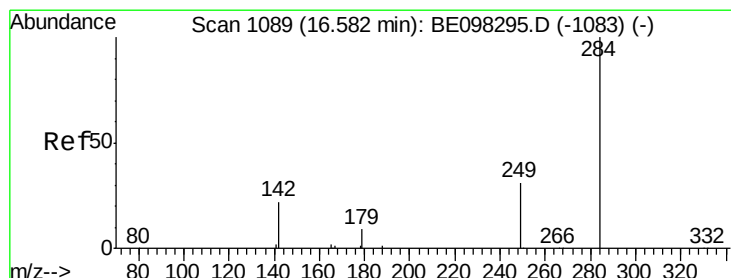
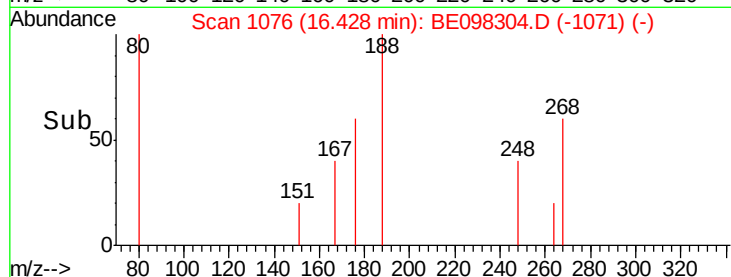
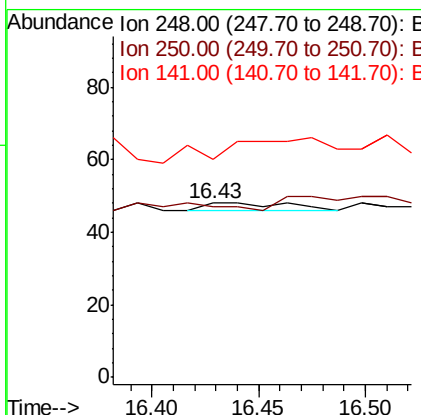
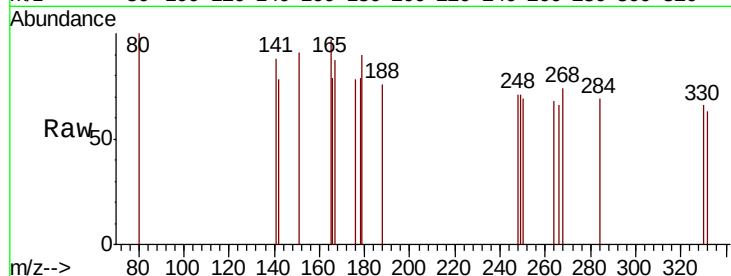




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.43 min Scan# 1076
Delta R.T. -0.04 min
Lab File: BE098304.D
Acq: 10 Dec 2018 18:47

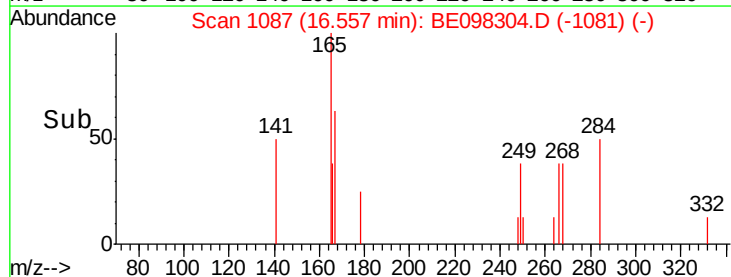
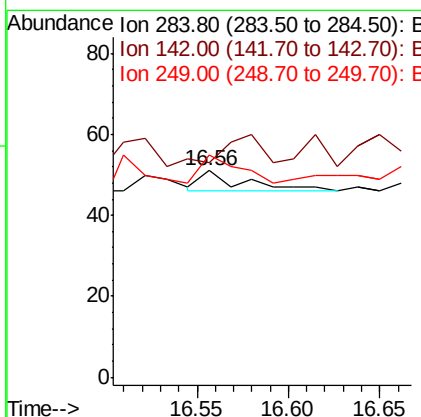
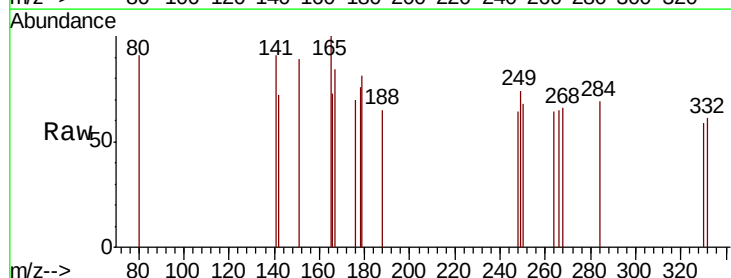
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305S-20181205

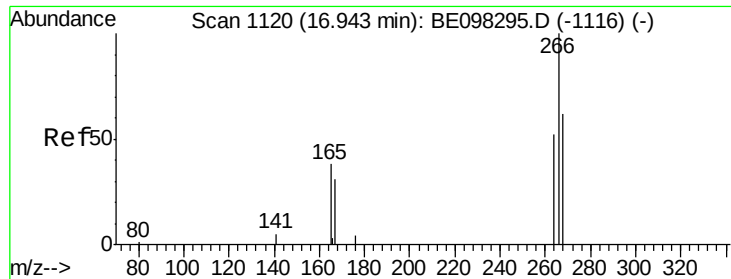
Tgt Ion:248 Resp: 6
Ion Ratio Lower Upper
248 100
250 97.9 71.0 106.6
141 125.0 62.1 93.1#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.56 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BE098304.D
Acq: 10 Dec 2018 18:47

Tgt Ion:284 Resp: 8
Ion Ratio Lower Upper
284 100
142 0.0 26.3 39.5#
249 125.0 26.0 39.0#

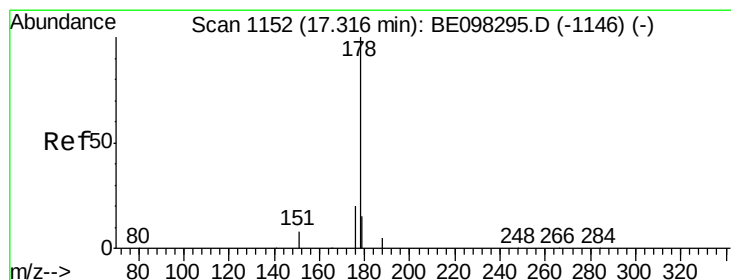
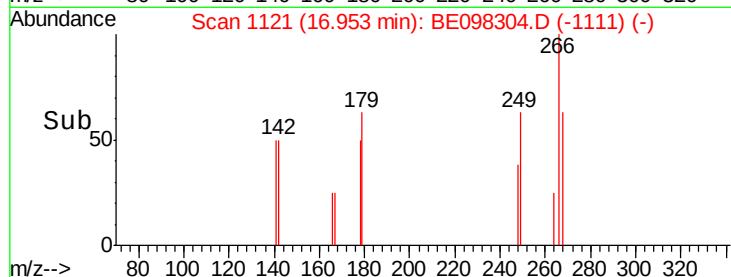
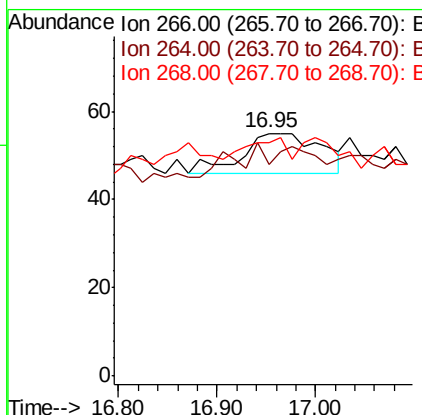
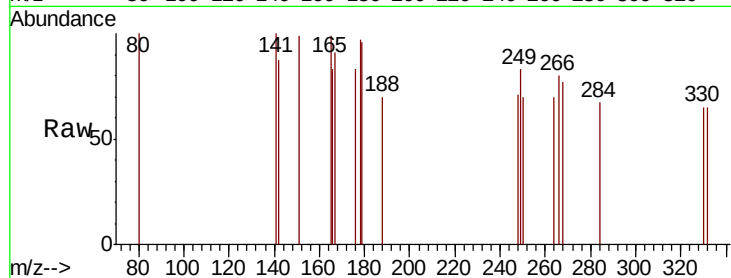




#22
 Pentachlorophenol
 Concen: 0.068 ng
 RT: 16.95 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

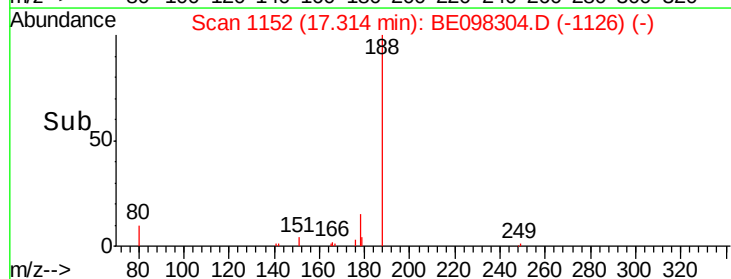
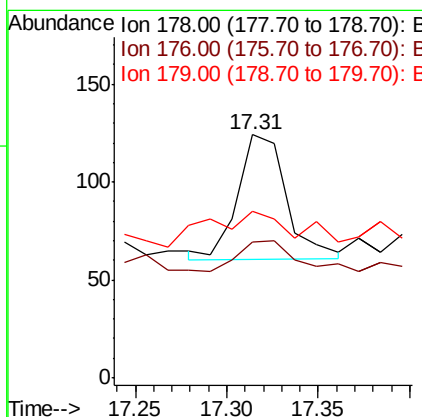
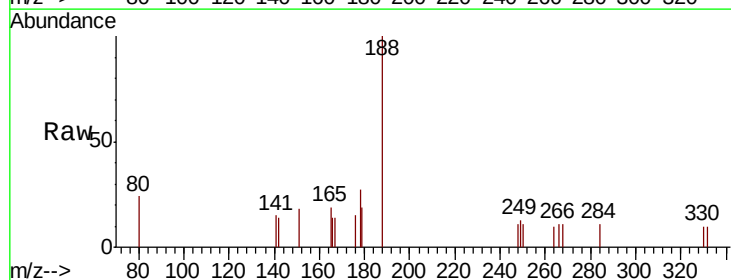
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305S-20181205

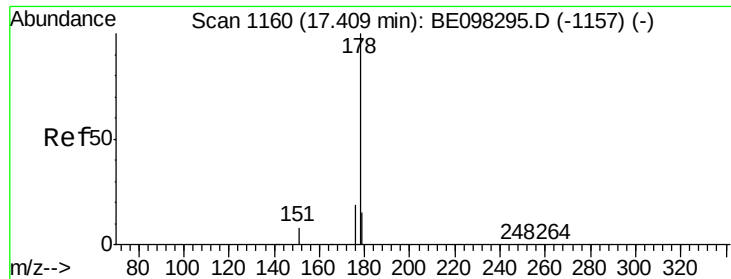
Tgt Ion:266 Resp: 50
 Ion Ratio Lower Upper
 266 100
 264 87.3 59.0 88.4
 268 96.4 55.1 82.7#



#23
 Phenanthrene
 Concen: 0.005 ng
 RT: 17.31 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

Tgt Ion:178 Resp: 120
 Ion Ratio Lower Upper
 178 100
 176 31.7 15.9 23.9#
 179 49.2 12.3 18.5#

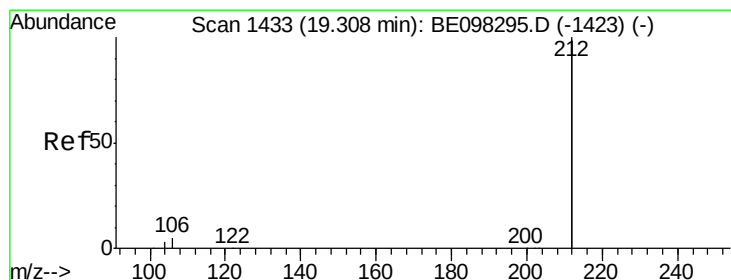
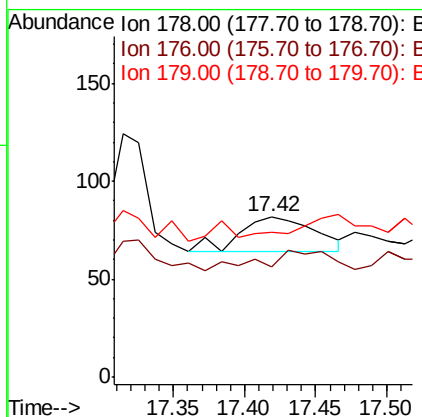
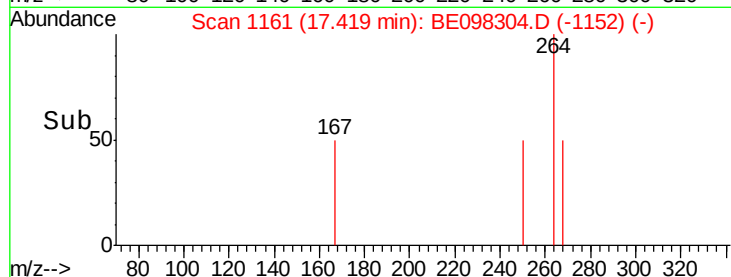
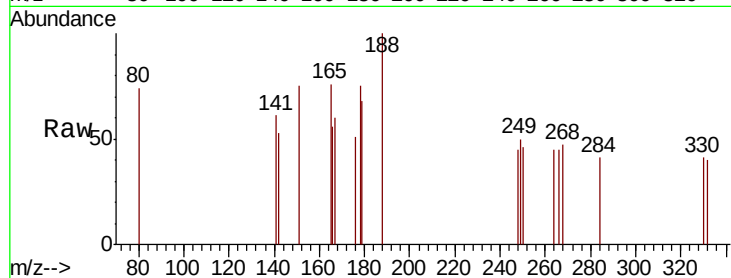




#24
 Anthracene
 Concen: 0.003 ng
 RT: 17.42 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

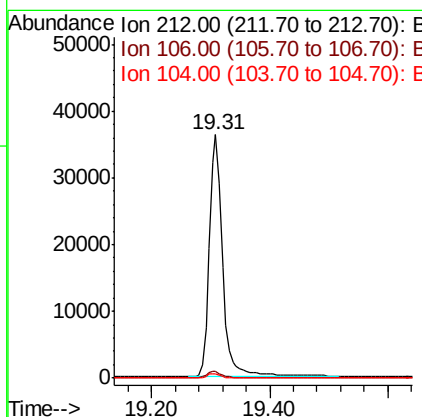
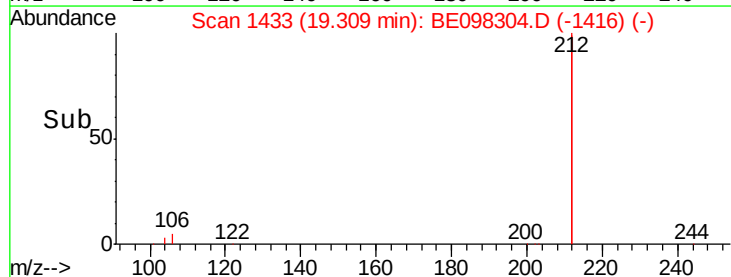
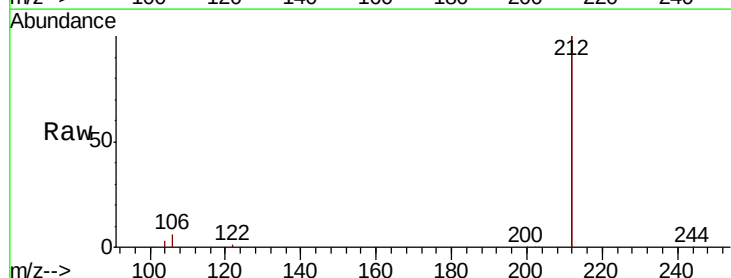
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305S-20181205

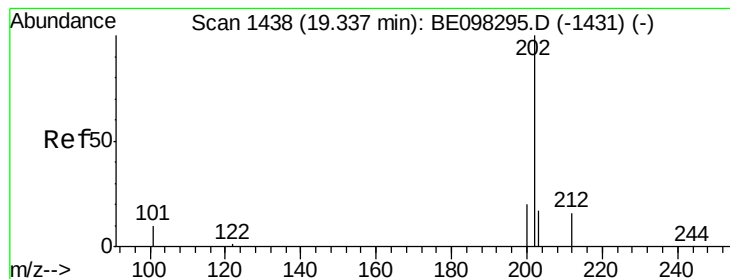
Tgt Ion:178 Resp: 65
 Ion Ratio Lower Upper
 178 100
 176 55.4 15.0 22.4#
 179 0.0 12.3 18.5#



#25
 Fluoranthene-d10
 Concen: 0.415 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

Tgt Ion:212 Resp: 57631
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.6 1.3 1.9





#26

Fluoranthene

Concen: 0.003 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

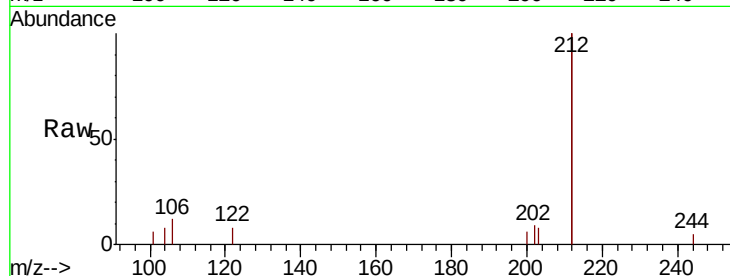
Tgt Ion:202 Resp: 105

Ion Ratio Lower Upper

202 100

101 0.0 8.0 12.0#

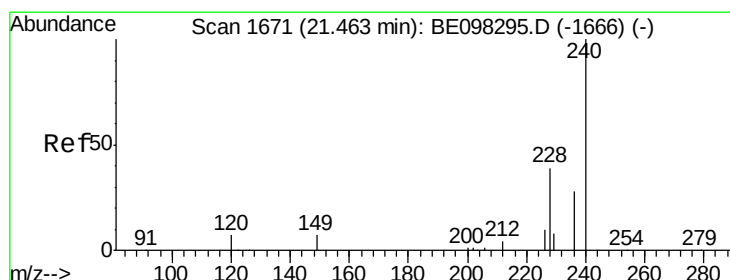
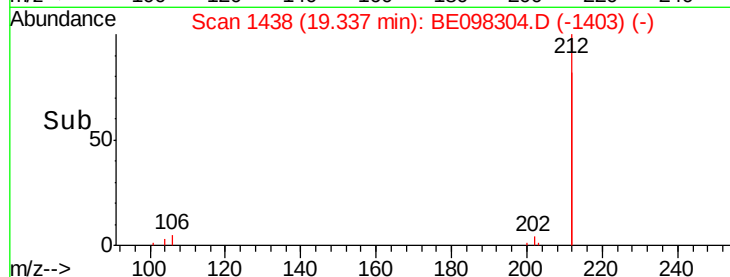
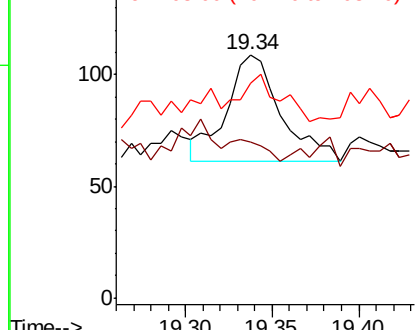
203 31.4 13.8 20.6#



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: BE098304.D

Acq: 10 Dec 2018 18:47

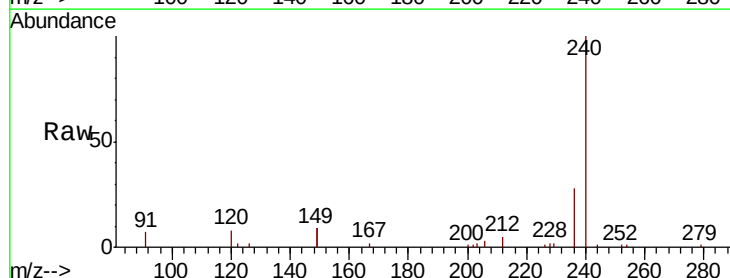
Tgt Ion:240 Resp: 12578

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

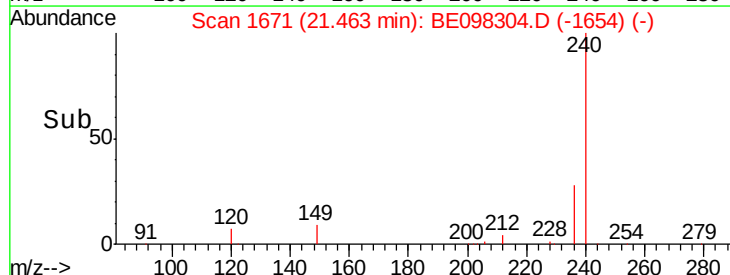
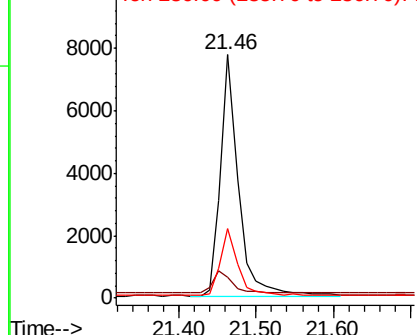
236 28.4 22.7 34.1

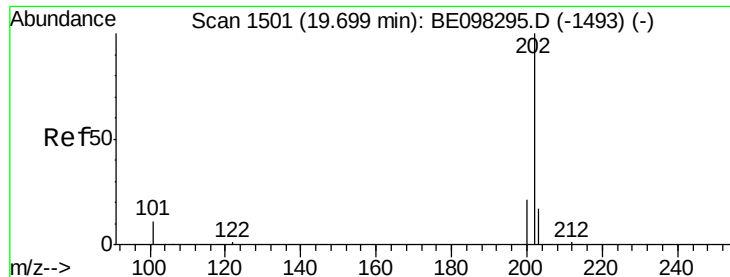


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.002 ng

RT: 19.71 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

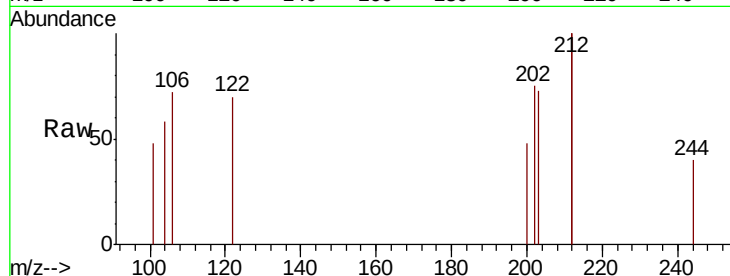
Tgt Ion:202 Resp: 64

Ion Ratio Lower Upper

202 100

200 32.8 16.7 25.1#

203 20.3 14.1 21.1

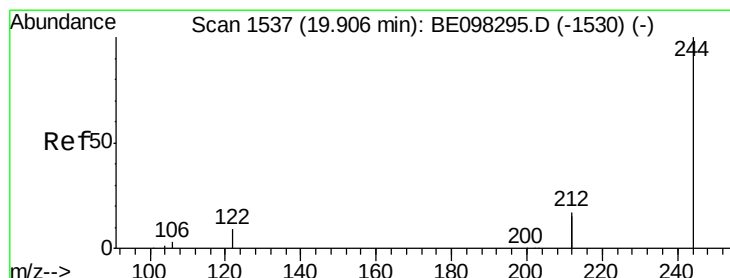
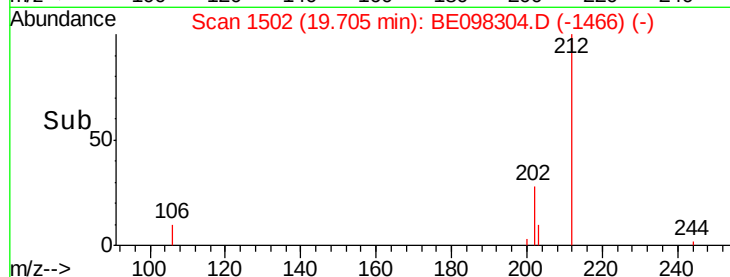
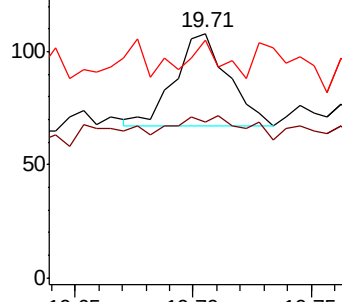


Abundance

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: 0.519 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

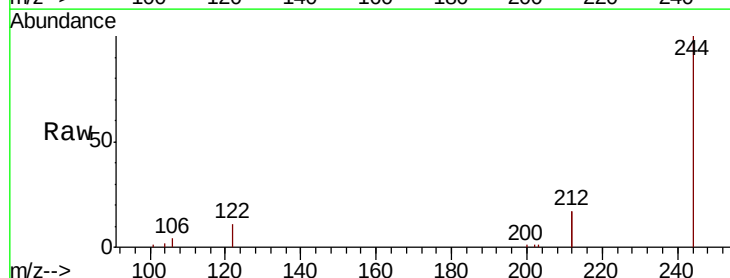
Tgt Ion:244 Resp: 15865

Ion Ratio Lower Upper

244 100

212 33.5 27.4 41.0

122 11.2 8.3 12.5

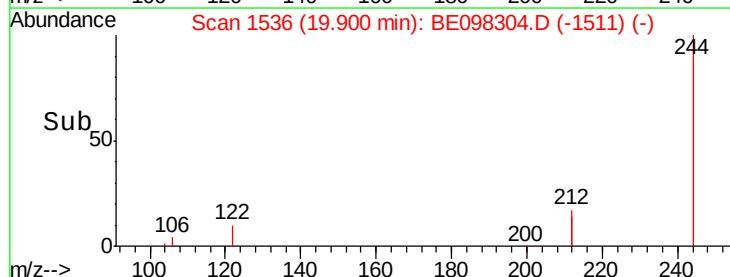
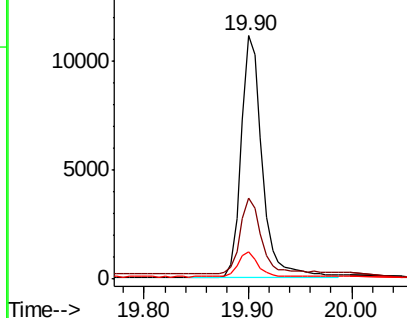


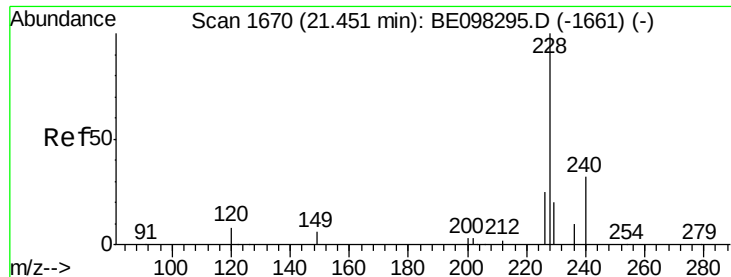
Abundance

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: 0.004 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

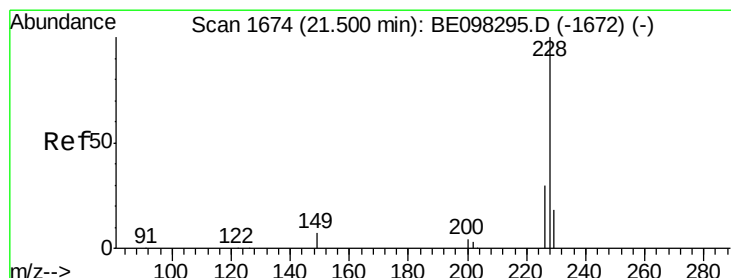
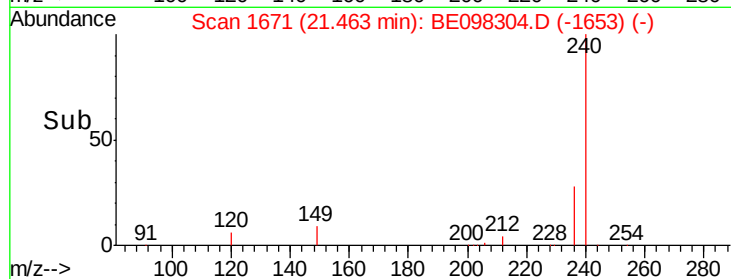
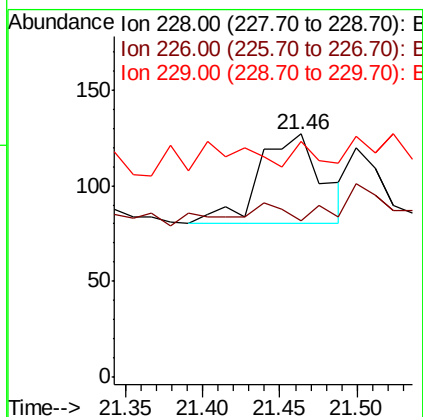
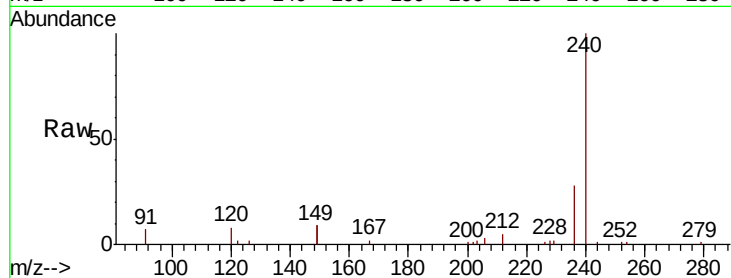
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

Tgt Ion:	228	Resp:	135
Ion	Ratio	Lower	Upper
228	100		
226	64.6	21.8	32.8#
229	96.9	16.3	24.5#



#31

Chrysene

Concen: 0.001 ng

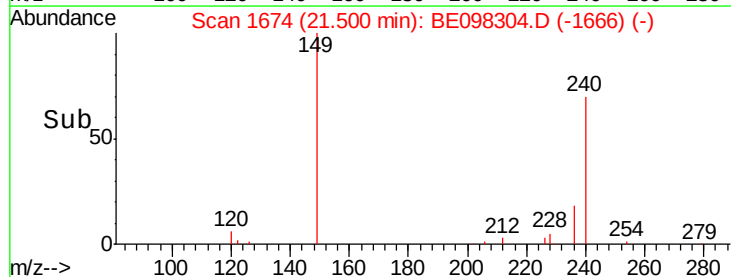
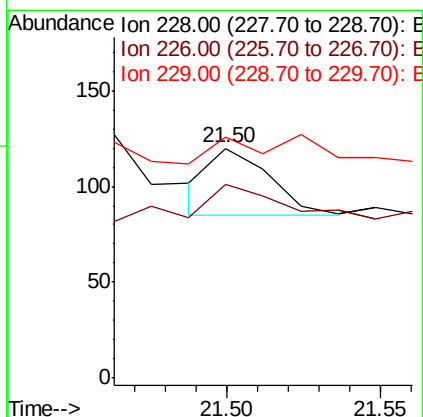
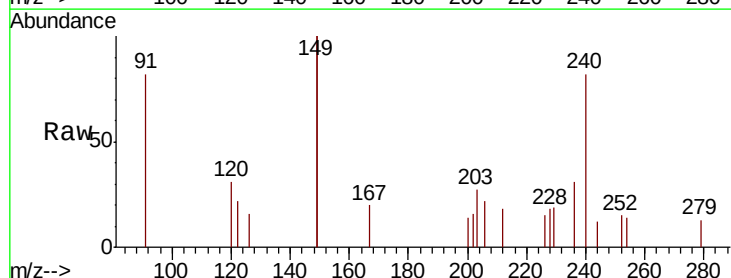
RT: 21.50 min Scan# 1674

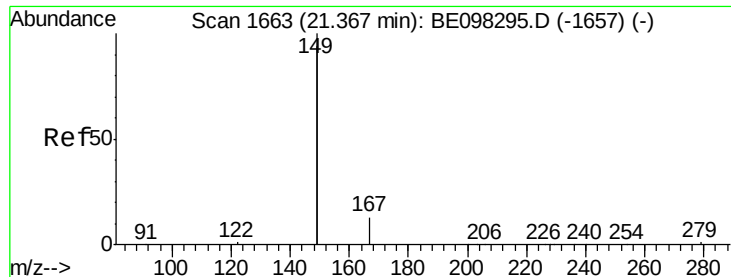
Delta R.T. 0.00 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Tgt Ion:	228	Resp:	47
Ion	Ratio	Lower	Upper
228	100		
226	84.2	23.4	35.0#
229	105.0	16.2	24.4#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.115 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

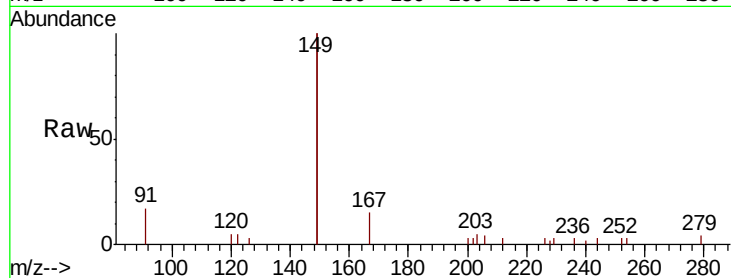
Tgt Ion:149 Resp: 8364

Ion Ratio Lower Upper

149 100

167 5.7 5.7 8.5

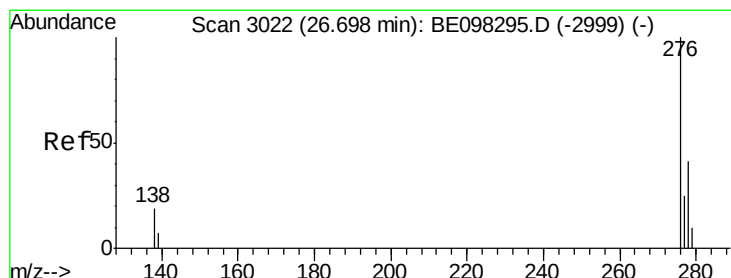
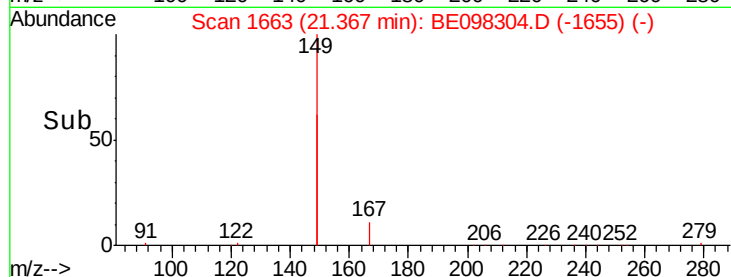
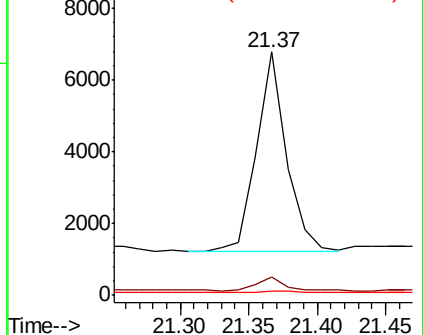
279 1.2 1.0 1.4



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: 26.70 min Scan# 3023

Delta R.T. 0.00 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

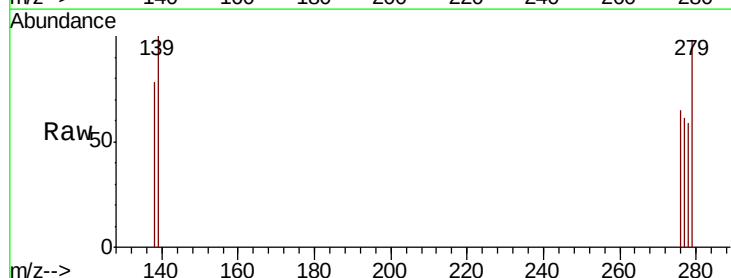
Tgt Ion:276 Resp: 20

Ion Ratio Lower Upper

276 100

138 50.0 16.3 24.5#

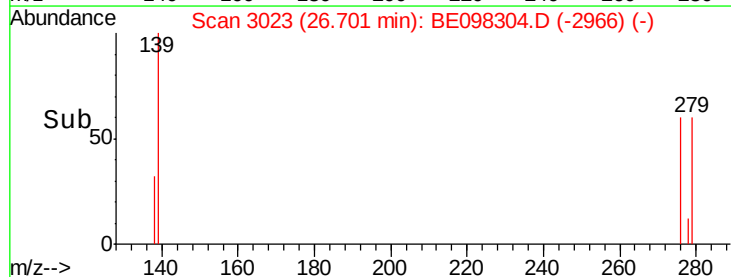
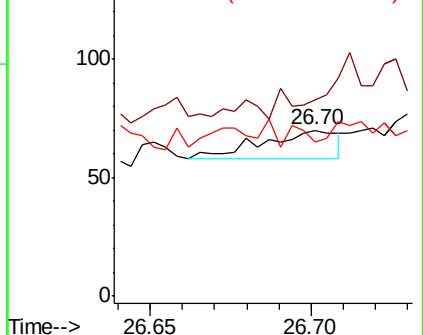
277 55.0 20.2 30.4#

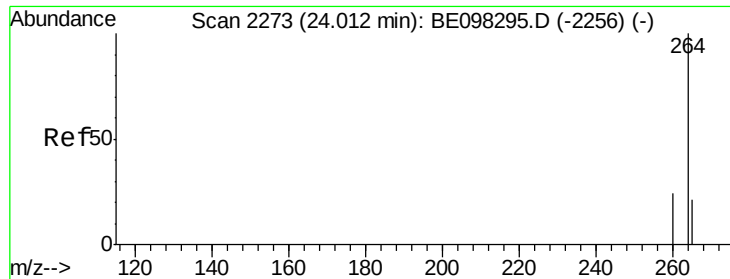


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

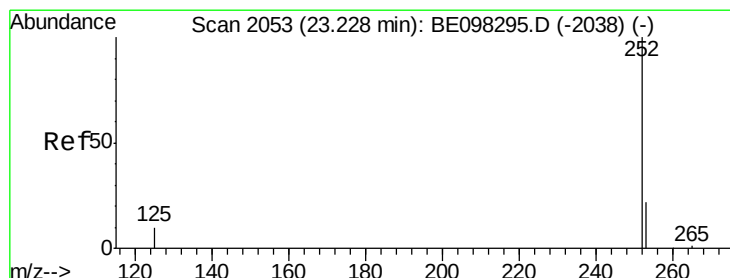
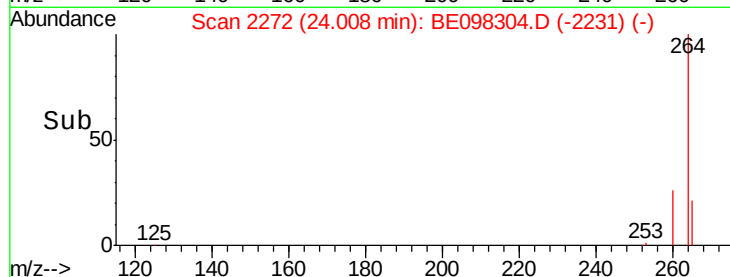
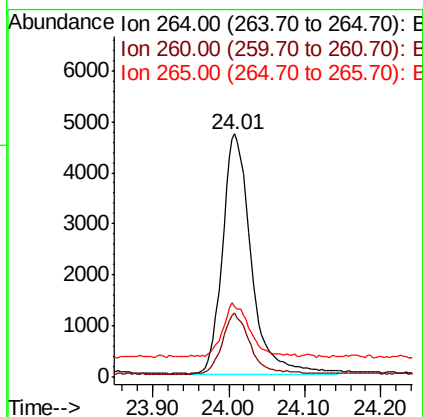
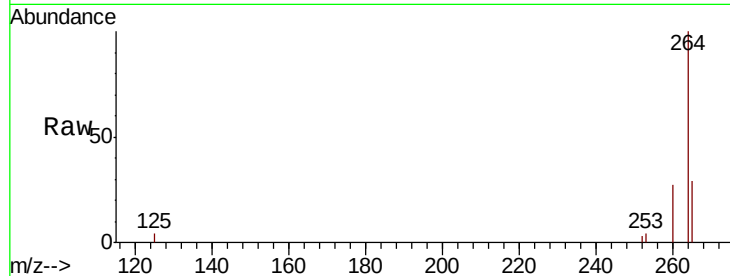




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

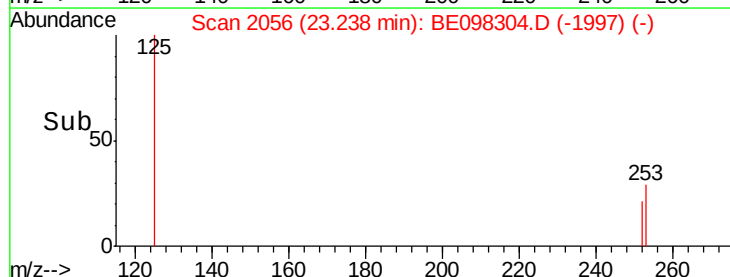
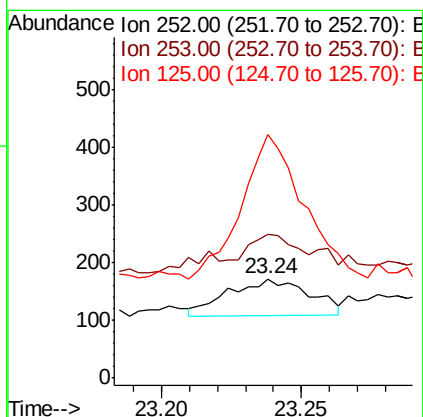
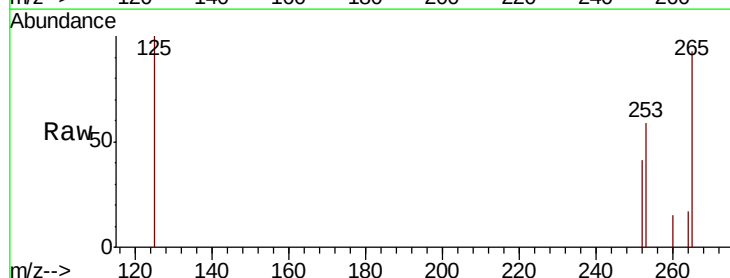
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305S-20181205

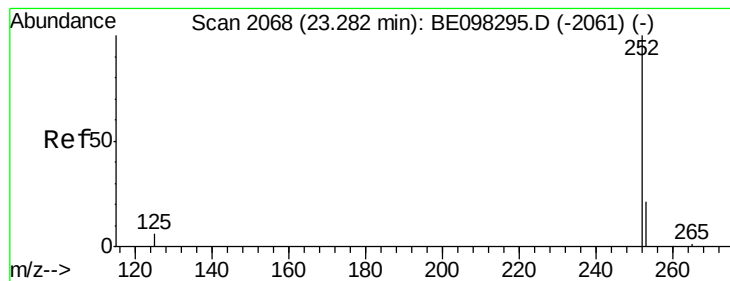
Tgt Ion: 264 Resp: 12254
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.2 30.2
 265 29.0 25.2 37.8



#35
 Benzo(b)fluoranthene
 Concen: 0.004 ng
 RT: 23.24 min Scan# 2056
 Delta R.T. 0.01 min
 Lab File: BE098304.D
 Acq: 10 Dec 2018 18:47

Tgt Ion: 252 Resp: 127
 Ion Ratio Lower Upper
 252 100
 253 144.8 20.0 30.0#
 125 245.9 9.6 14.4#





#36

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 23.29 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

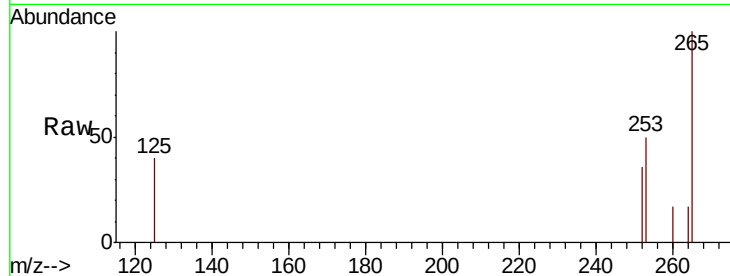
Tgt Ion: 252 Resp: 71

Ion Ratio Lower Upper

252 100

253 138.5 19.0 28.6#

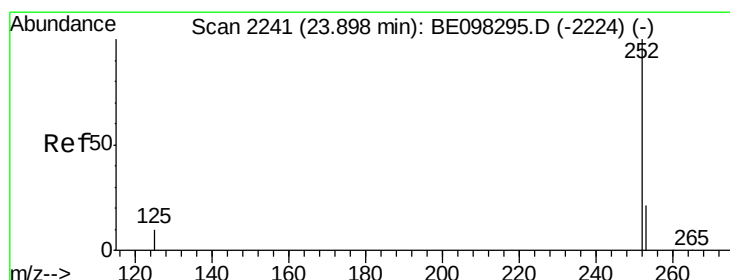
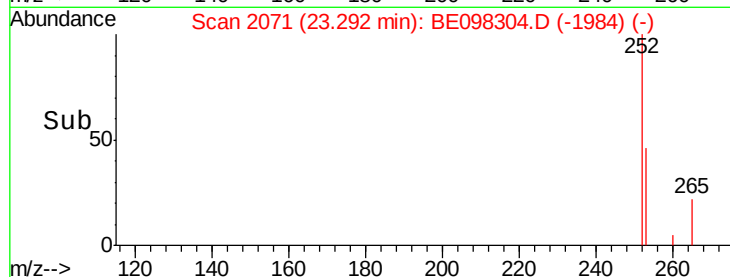
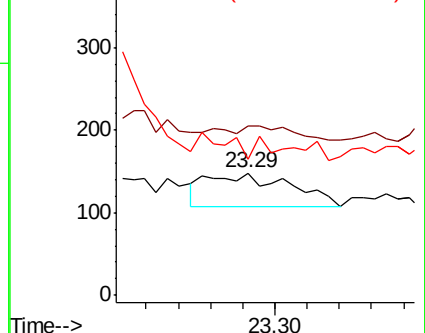
125 111.5 9.1 13.7#



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# 2241

Delta R.T. -0.00 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

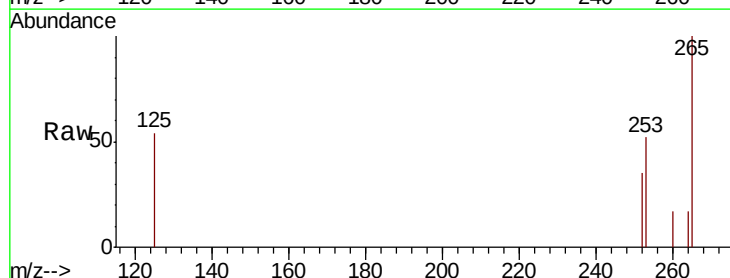
Tgt Ion: 252 Resp: 38

Ion Ratio Lower Upper

252 100

253 147.3 20.6 30.8#

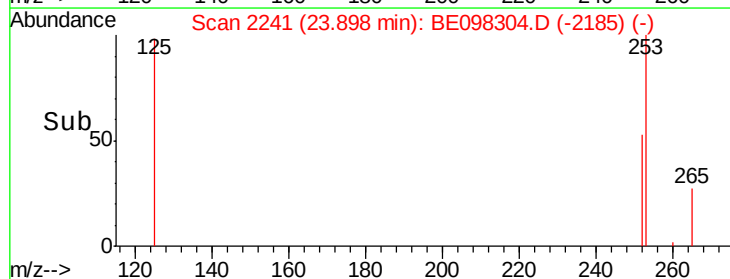
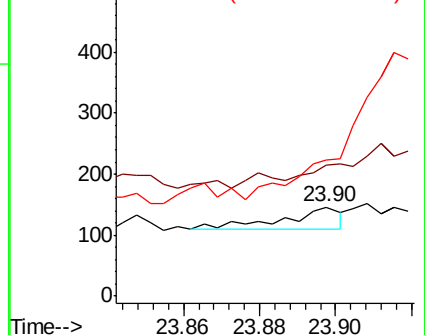
125 152.7 10.5 15.7#

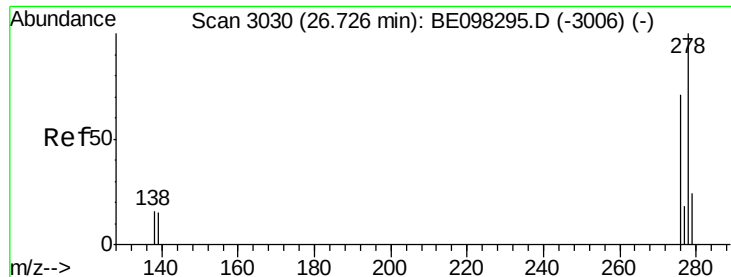


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.00 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305S-20181205

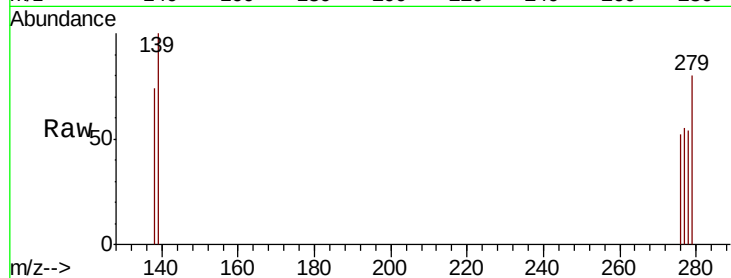
Tgt Ion: 278 Resp: 16

Ion Ratio Lower Upper

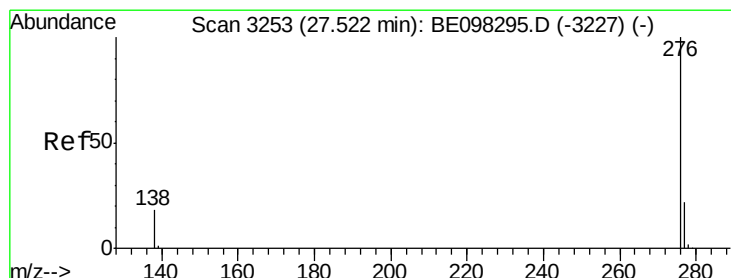
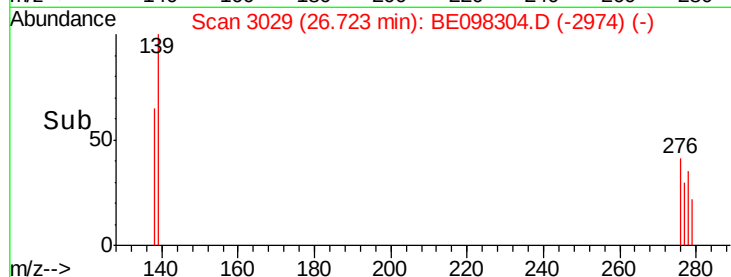
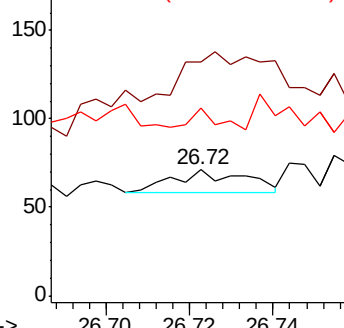
278 100

139 185.9 14.5 21.7#

279 149.3 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: 0.000 ng

RT: 27.51 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BE098304.D

Acq: 10 Dec 2018 18:47

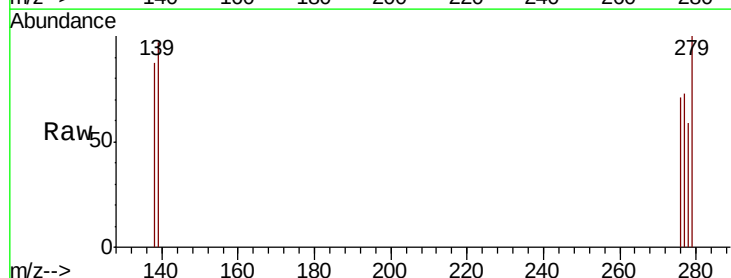
Tgt Ion: 276 Resp: 6

Ion Ratio Lower Upper

276 100

277 103.0 20.8 31.2#

138 122.7 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

