

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091718\
 Data File : BE097502.D
 Acq On : 17 Sep 2018 18:59
 Operator : SJ/JU
 Sample : J4892-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-091118

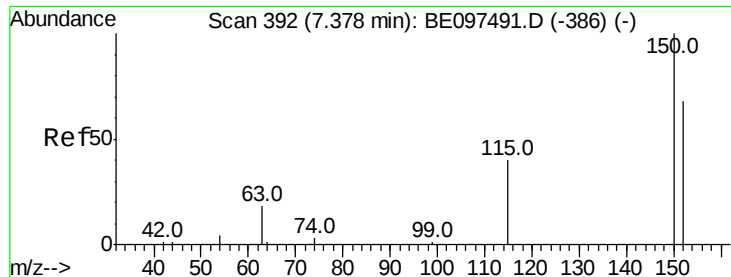
Quant Time: Sep 18 05:51:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 17 18:57:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	998	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4807	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	2893	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7682	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9525	0.40	ng	0.00
34) Perylene-d12	23.20	264	9657	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	694	0.21	ng	0.00
5) Phenol-d6	6.60	99	549	0.13	ng	-0.01
8) Nitrobenzene-d5	8.52	82	1722	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	11.71	152	3316	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	705	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.61	172	5826	0.58	ng	-0.01
25) Fluoranthene-d10	18.80	212	47640	0.52	ng	0.00
29) Terphenyl-d14	19.41	244	11309	0.62	ng	0.00

Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.36	42	80	0.055	ng	# 6
6) bis(2-Chloroethyl)ether	6.86	93	17	0.005	ng	# 1
9) Naphthalene	10.17	128	151813	3.479	ng	99
10) Hexachlorobutadiene	10.44	225	7	0.003	ng	# 26
12) 2-Methylnaphthalene	11.78	142	13854	1.985	ng	99
16) Acenaphthylene	13.72	152	67	0.005	ng	# 7
17) Acenaphthene	14.06	154	106	0.014	ng	# 78
18) Fluorene	15.06	166	196	0.020	ng	# 78
20) 4-Bromophenyl-phenylether	15.95	248	8	0.002	ng	# 44
21) Hexachlorobenzene	16.08	284	15	0.004	ng	# 87
22) Pentachlorophenol	16.44	266	56	0.156	ng	97
23) Phenanthrene	16.80	178	197	0.011	ng	# 69
24) Anthracene	16.89	178	115	0.007	ng	# 91
26) Fluoranthene	18.83	202	110	0.005	ng	# 72
28) Pyrene	19.19	202	85	0.003	ng	# 74
30) Benzo(a)anthracene	20.96	228	104	0.004	ng	# 6
31) Chrysene	21.00	228	102	0.004	ng	# 12
32) Bis(2-ethylhexyl)phthalate	20.91	149	11187	0.210	ng	# 100
33) Indeno(1,2,3-cd)pyrene	25.52	276	133	0.004	ng	# 71
35) Benzo(b)fluoranthene	22.54	252	194	0.008	ng	# 1
36) Benzo(k)fluoranthene	22.54	252	194	0.007	ng	# 1
37) Benzo(a)pyrene	23.11	252	66	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	25.53	278	54	0.002	ng	# 1
39) Benzo(g,h,i)perylene	26.22	276	119	0.005	ng	# 1

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

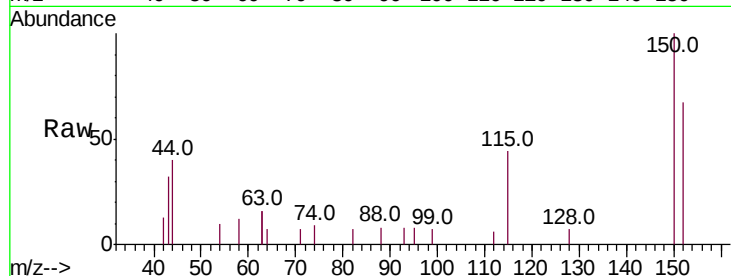


#1

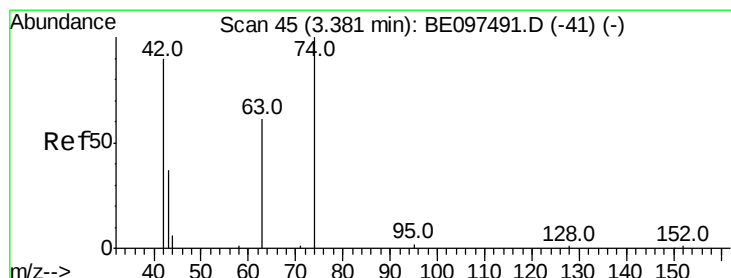
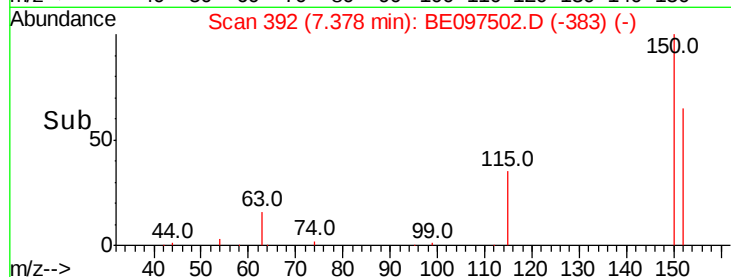
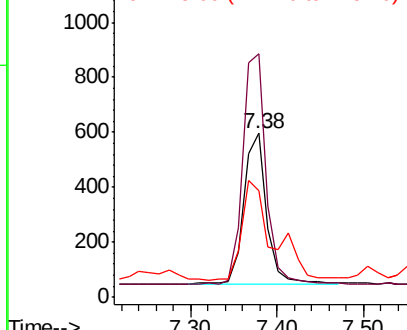
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tot Ion:152 Resp: 998
Ion Ratio Lower Upper
152 100
150 148.4 117.2 175.8
115 65.2 57.0 85.6



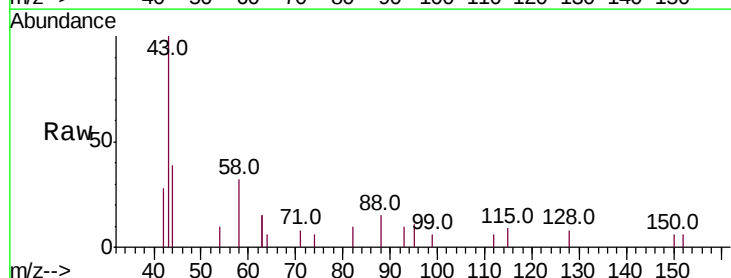
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



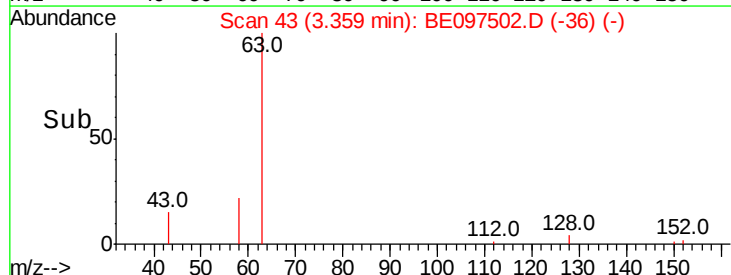
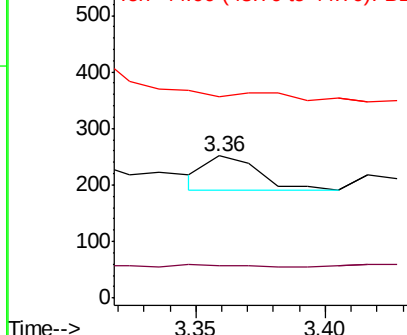
#3

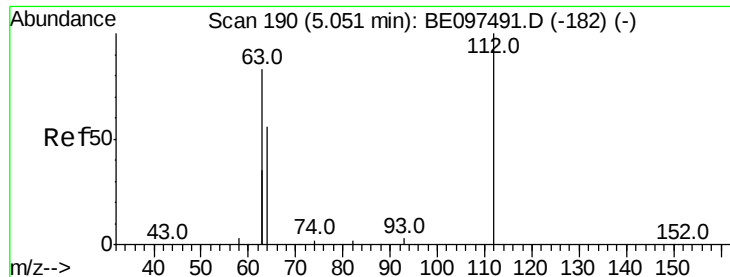
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.02 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion: 42 Resp: 80
Ion Ratio Lower Upper
42 100
74 7.5 96.0 144.0#
44 0.0 12.0 18.0#



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: 0.205 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

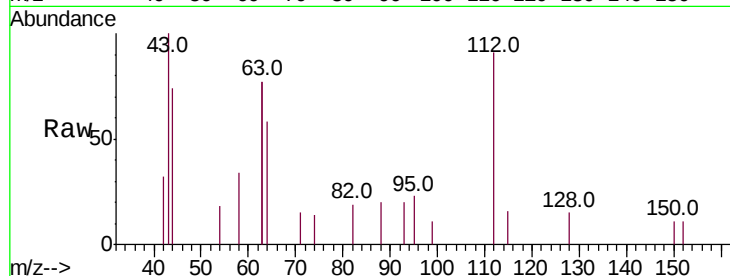
Tot Ion:112 Resp: 694

Ion Ratio Lower Upper

112 100

64 58.4 60.1 90.1#

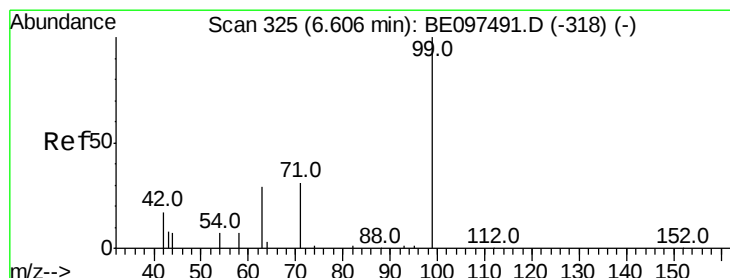
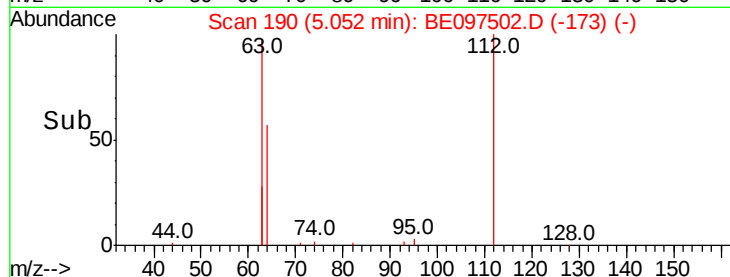
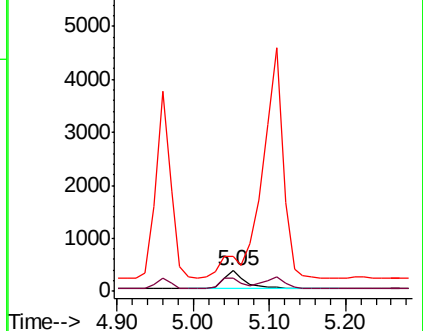
63 0.0 116.8 175.2#



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: 0.128 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

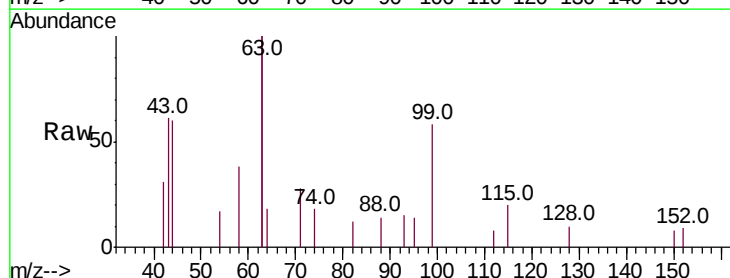
Tgt Ion: 99 Resp: 549

Ion Ratio Lower Upper

99 100

42 32.4 20.2 30.2#

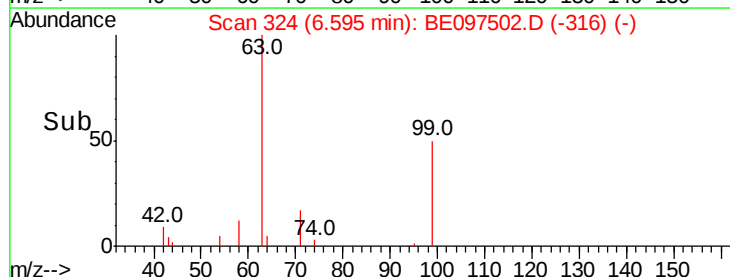
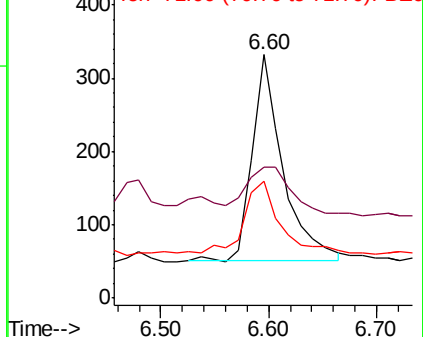
71 41.0 28.4 42.6

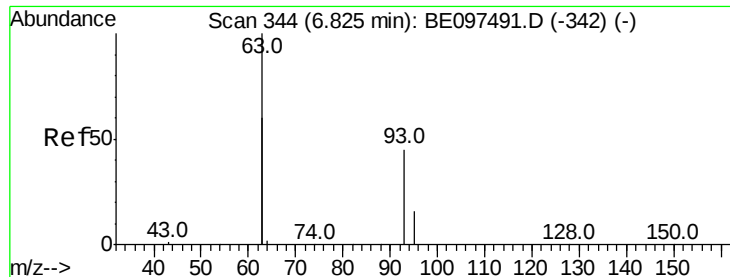


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 6.86 min Scan# 347

Delta R.T. 0.04 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

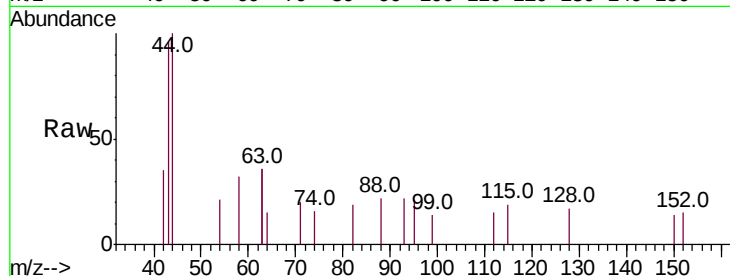
Tot Ion: 93 Resp: 17

Ion Ratio Lower Upper

93 100

63 0.0 275.3 412.9#

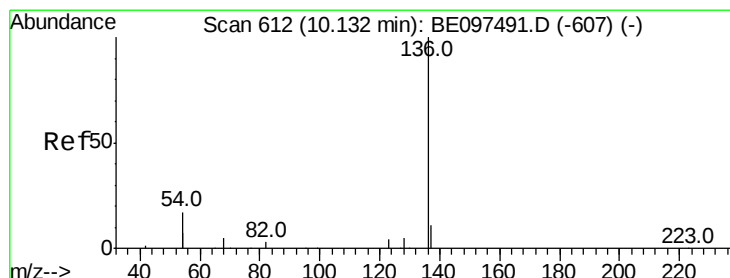
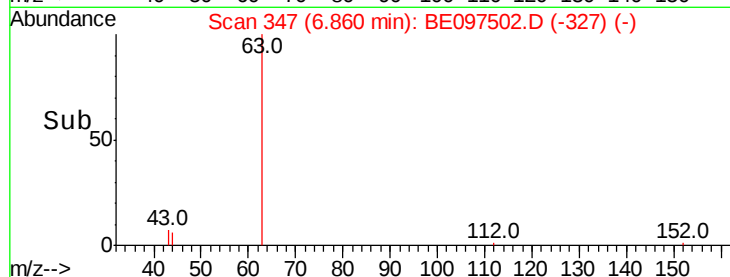
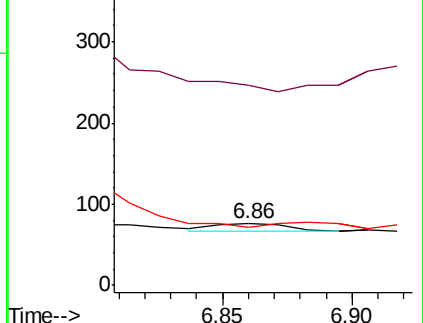
95 0.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Tgt Ion: 136 Resp: 4807

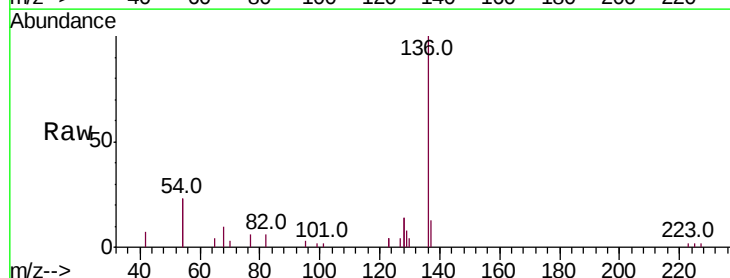
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 46.4 29.1 43.7#

68 10.3 6.2 9.2#

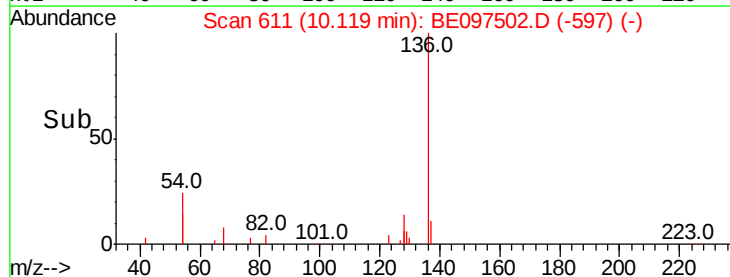
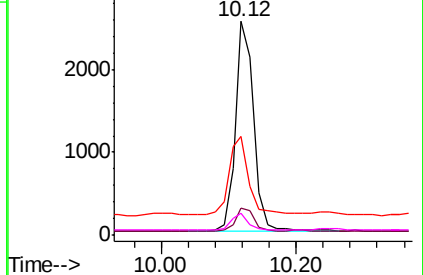


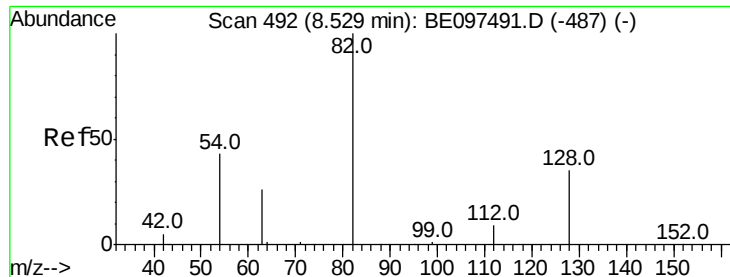
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.445 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

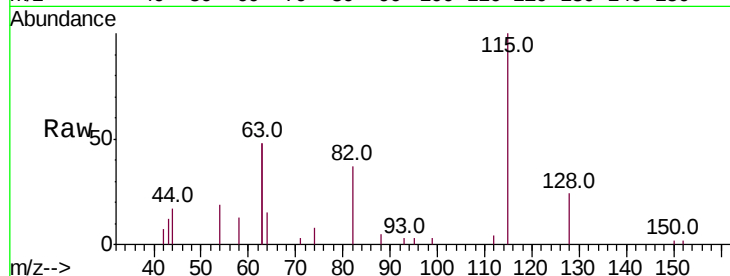
Tot Ion: 82 Resp: 1722

Ion Ratio Lower Upper

82 100

128 64.4 24.0 36.0#

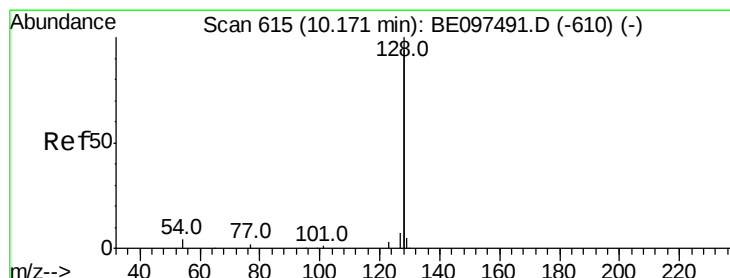
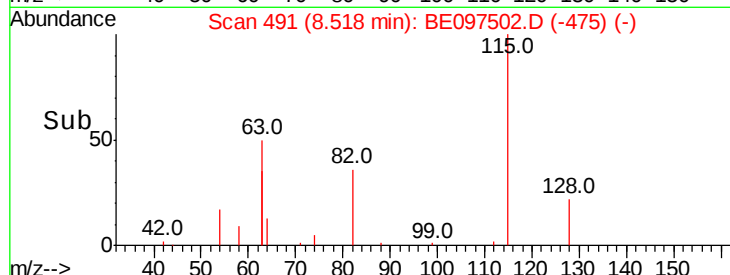
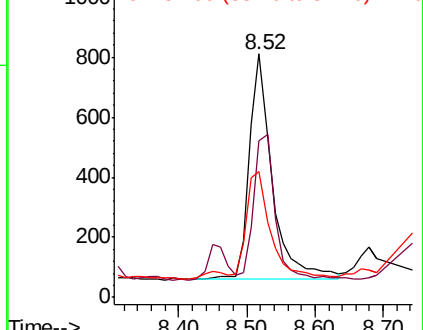
54 51.8 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 3.479 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

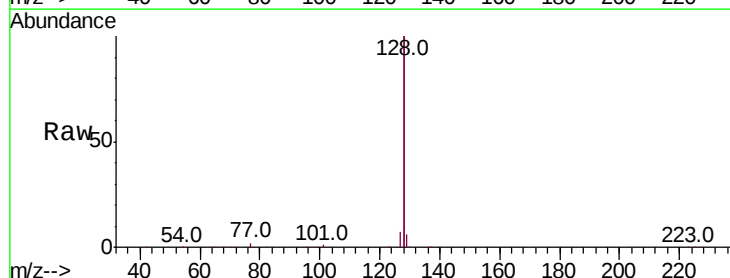
Tgt Ion:128 Resp: 151813

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

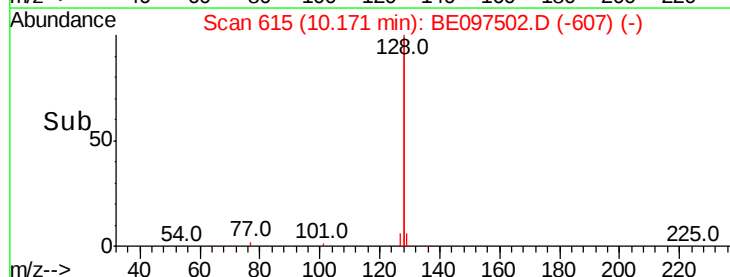
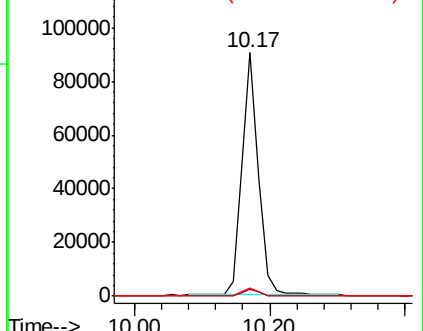
127 3.3 2.8 4.2

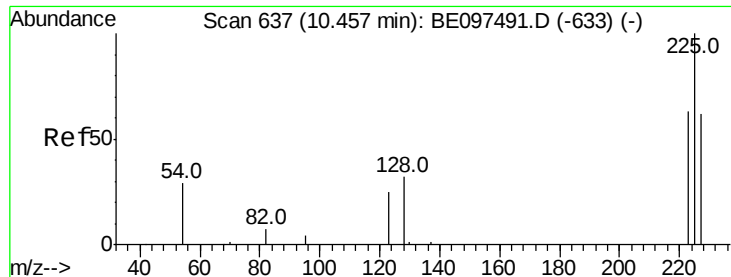


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

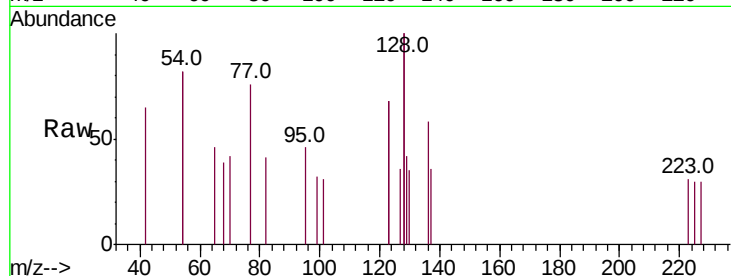




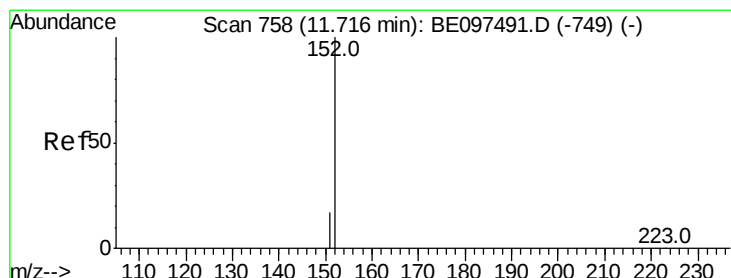
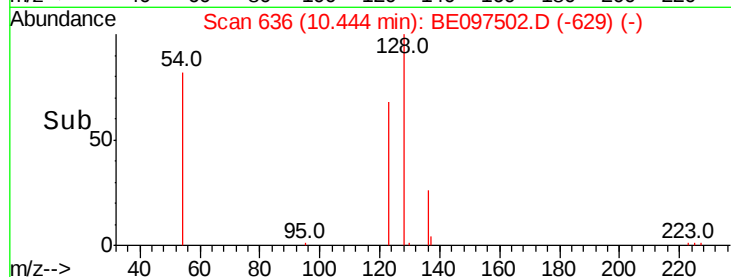
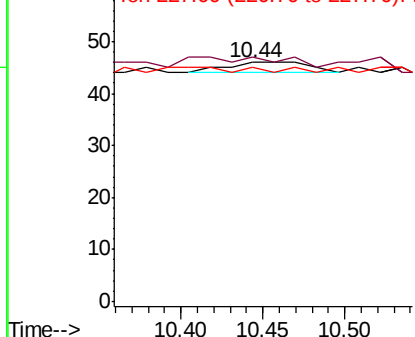
#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.44 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

Tot Ion:225 Resp: 7
Ion Ratio Lower Upper
225 100
223 0.0 53.0 79.6#
227 14.3 51.4 77.2#

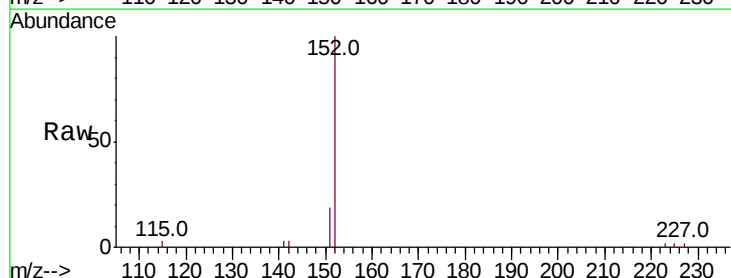


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

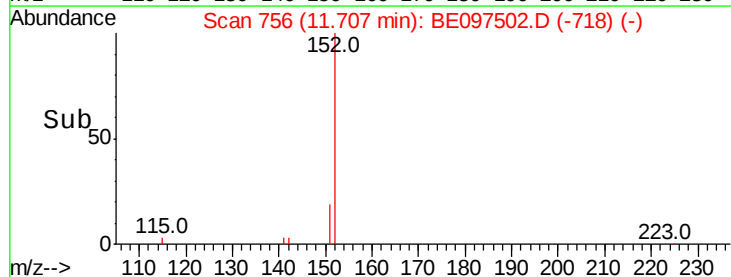
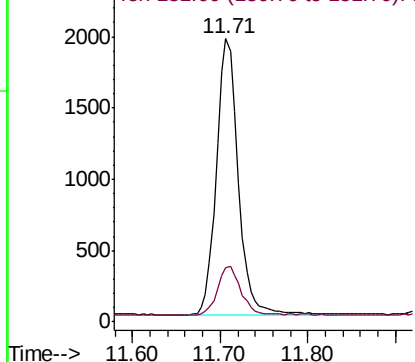


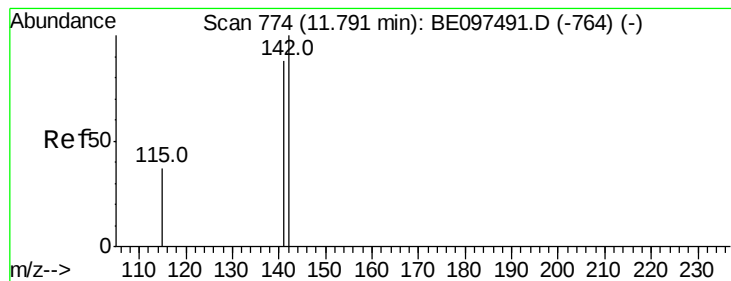
#11
2-Methylnaphthalene-d10
Concen: 0.483 ng
RT: 11.71 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:152 Resp: 3316
Ion Ratio Lower Upper
152 100
151 18.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 1.985 ng

RT: 11.78 min Scan# 772

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

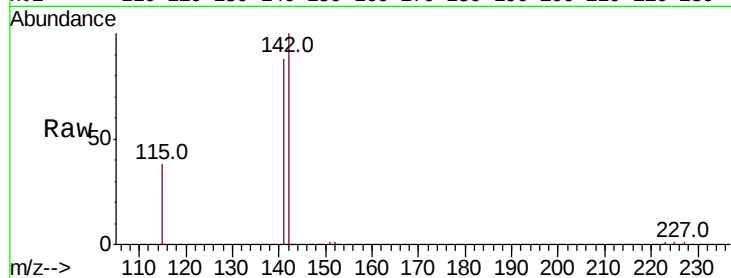
Tot Ion:142 Resp: 13854

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6

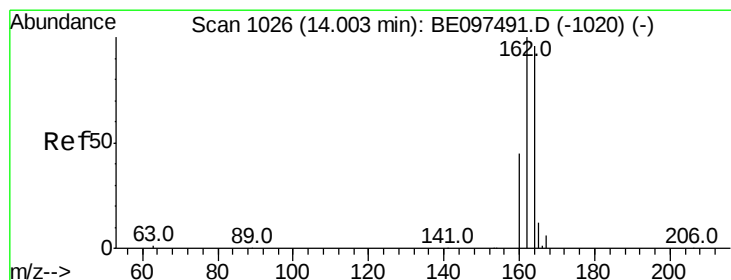
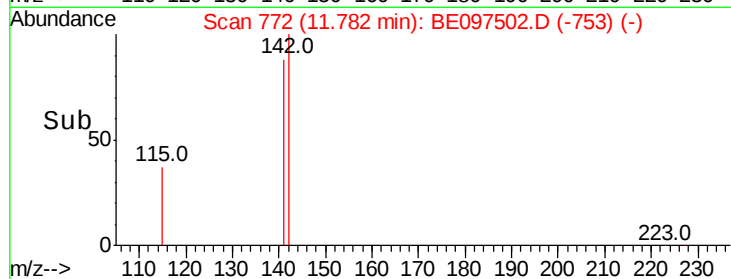
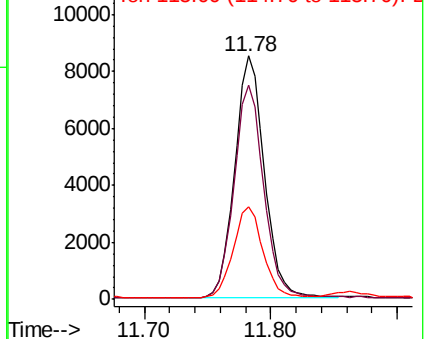
115 37.8 31.7 47.5



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: 14.00 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

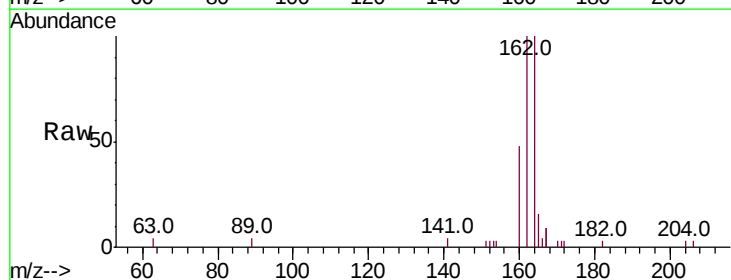
Tgt Ion:164 Resp: 2893

Ion Ratio Lower Upper

164 100

162 100.2 83.1 124.7

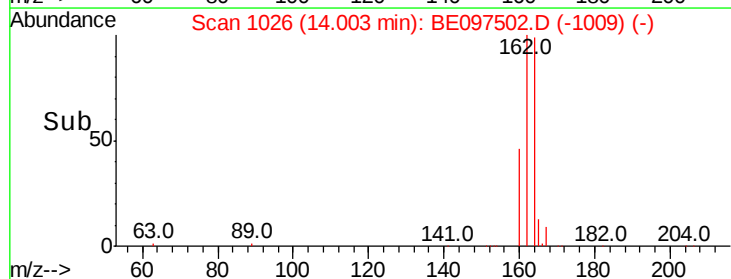
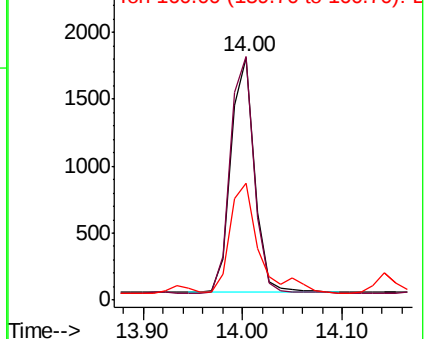
160 48.0 37.1 55.7

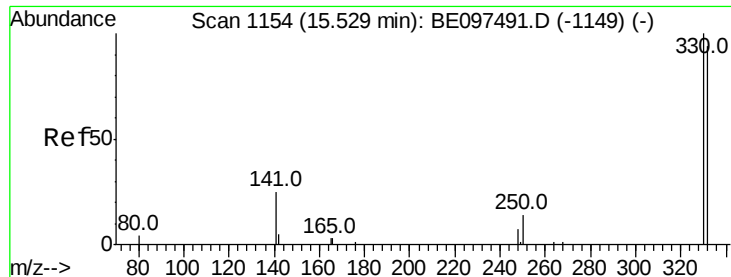


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.461 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

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ClientSampleId :

C-MW-07-091118

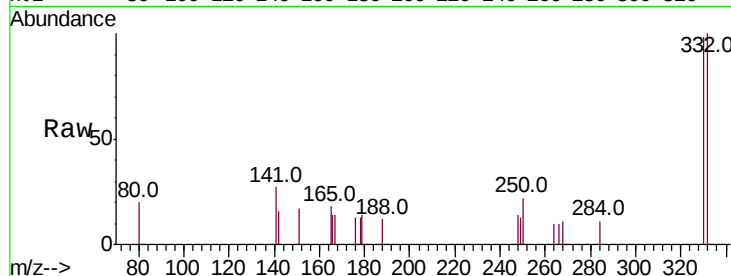
Tot Ion:330 Resp: 705

Ion Ratio Lower Upper

330 100

332 96.9 152.7 229.1#

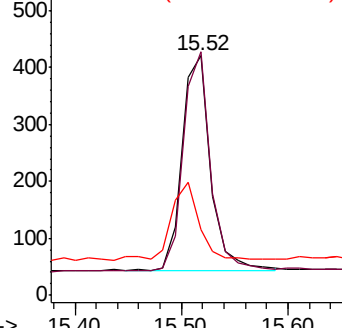
141 32.9 33.7 50.5#



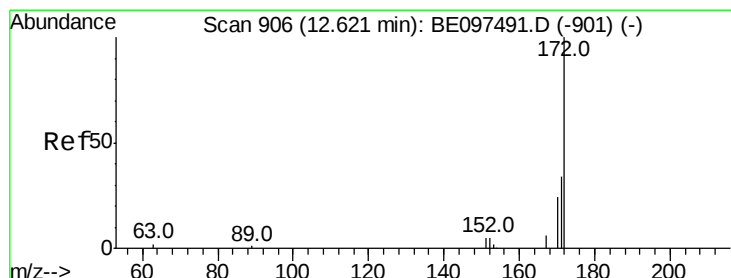
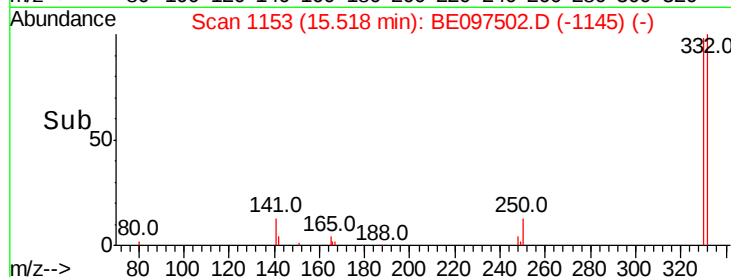
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#15

2-Fluorobiphenyl

Concen: 0.577 ng

RT: 12.61 min Scan# 905

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

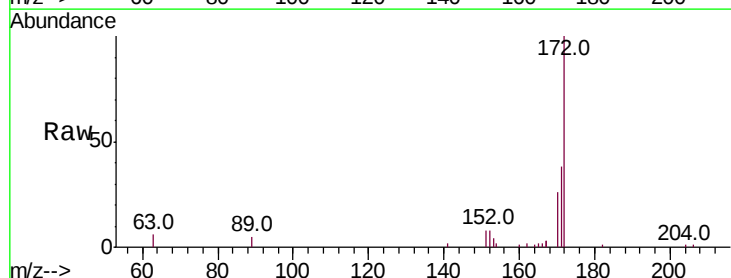
Tgt Ion:172 Resp: 5826

Ion Ratio Lower Upper

172 100

171 37.6 29.9 44.9

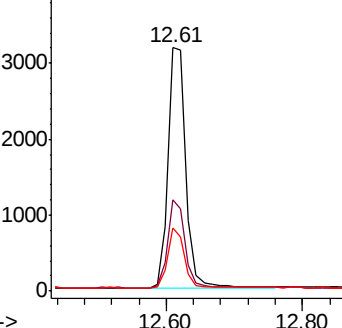
170 25.8 21.8 32.8



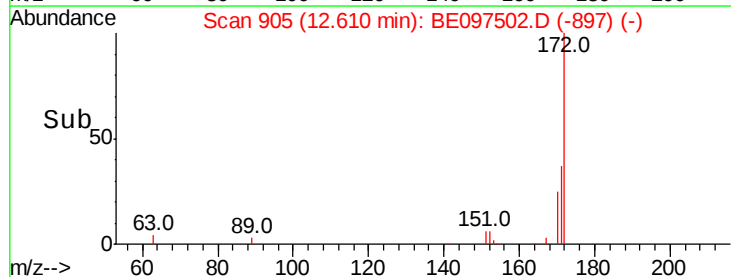
Abundance Ion 172.00 (171.70 to 172.70): E

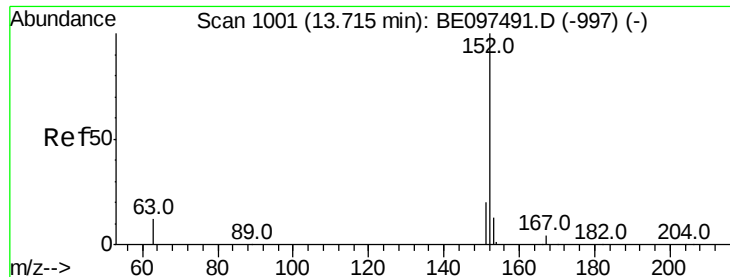
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->





#16

Acenaphthylene

Concen: 0.005 ng

RT: 13.72 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

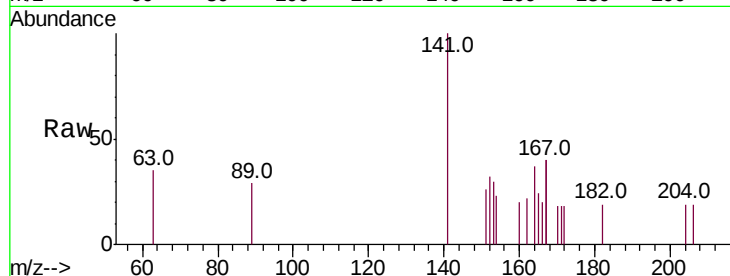
Tot Ion:152 Resp: 67

Ion Ratio Lower Upper

152 100

151 38.8 15.7 23.5#

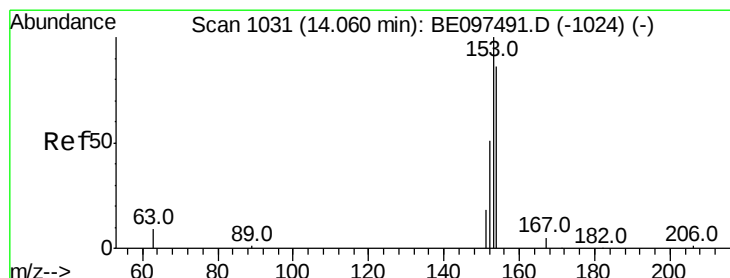
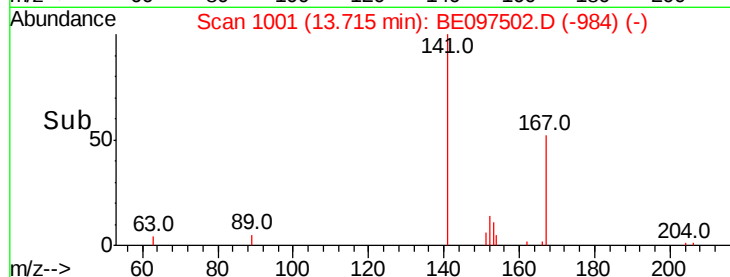
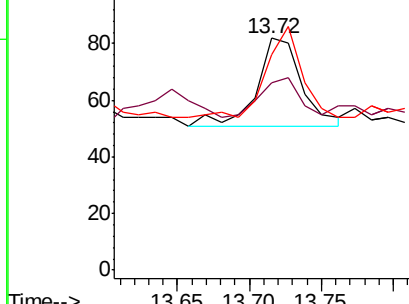
153 80.6 10.5 15.7#



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: 0.014 ng

RT: 14.06 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

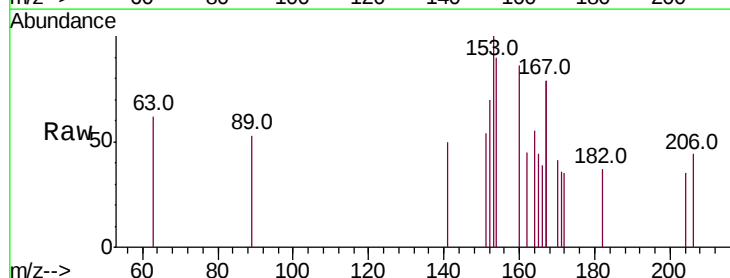
Tgt Ion:154 Resp: 106

Ion Ratio Lower Upper

154 100

153 134.0 89.2 133.8#

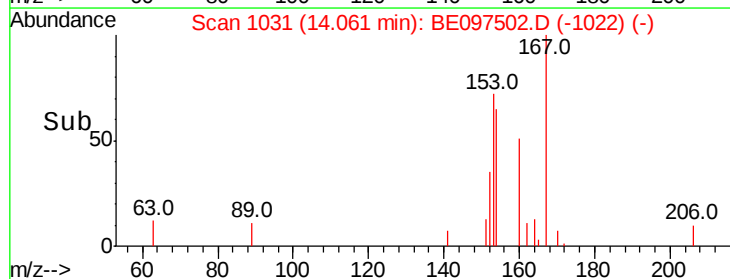
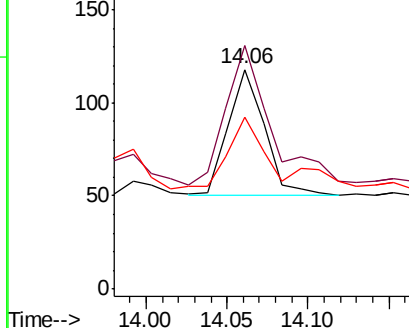
152 68.9 42.0 63.0#

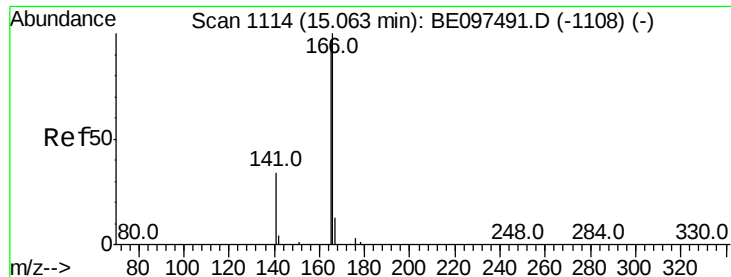


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.020 ng

RT: 15.06 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

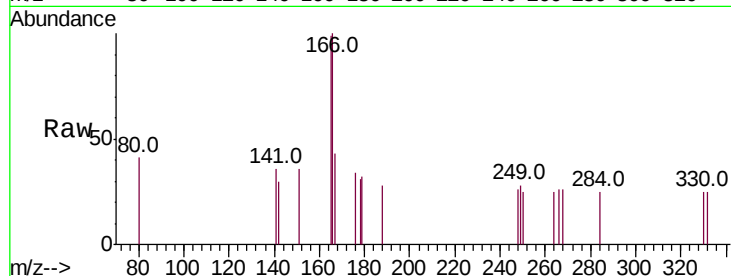
Tot Ion:166 Resp: 196

Ion Ratio Lower Upper

166 100

165 101.5 77.8 116.6

167 14.3 42.4 63.6#

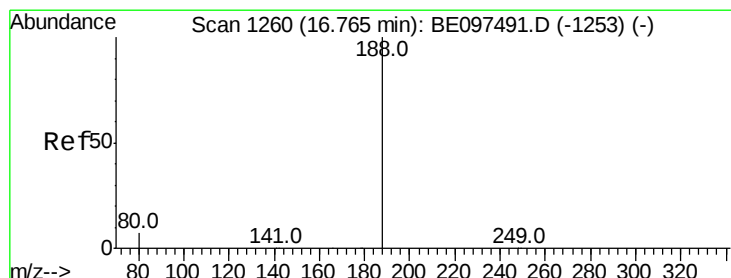
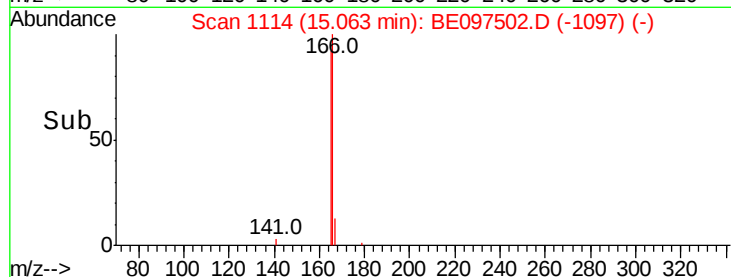
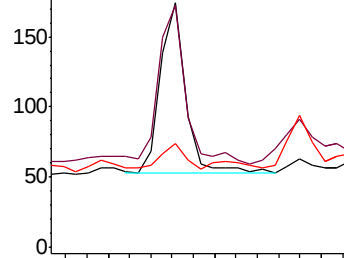


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.06



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

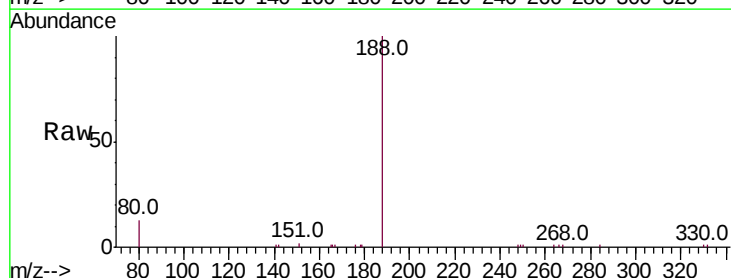
Tgt Ion:188 Resp: 7682

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.3 3.6 5.4#

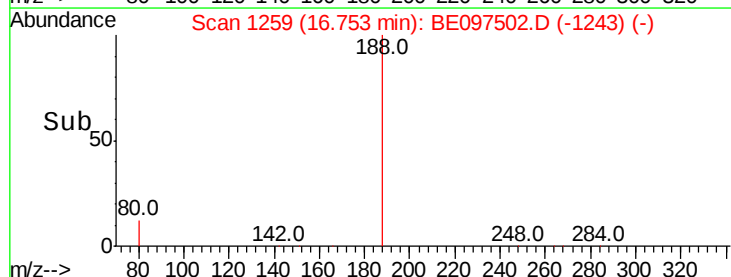
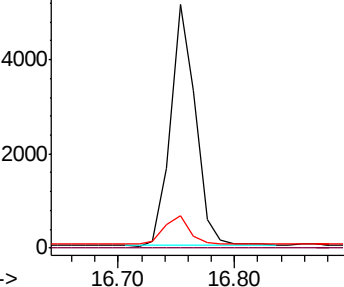


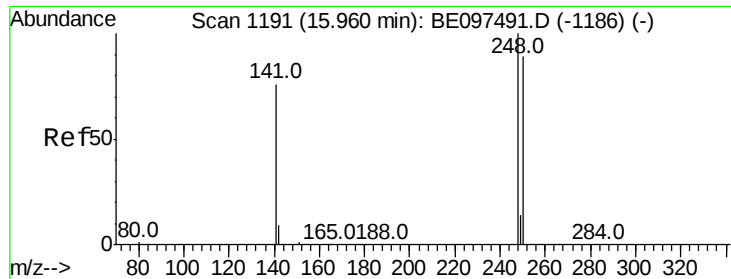
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

16.75

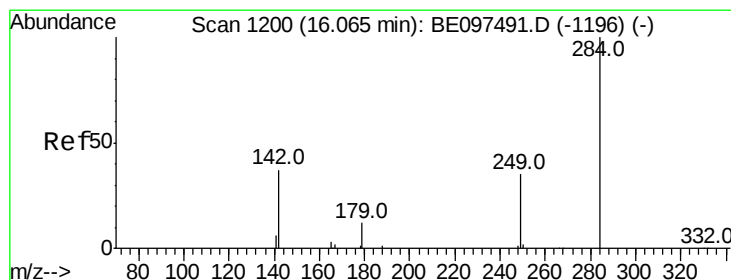
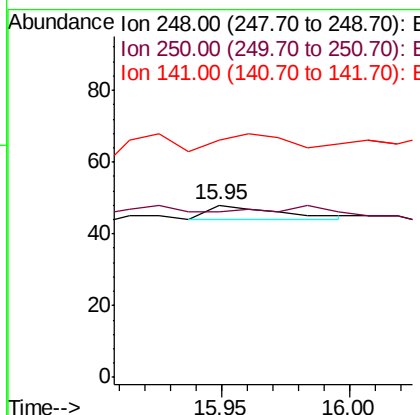
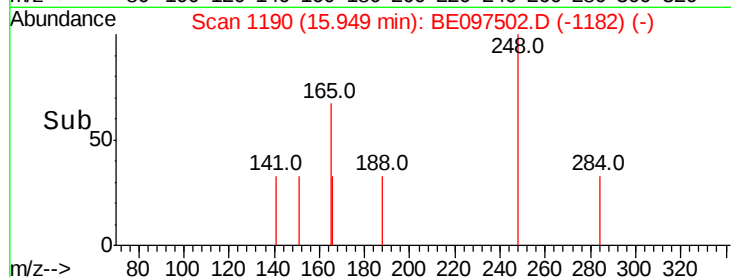
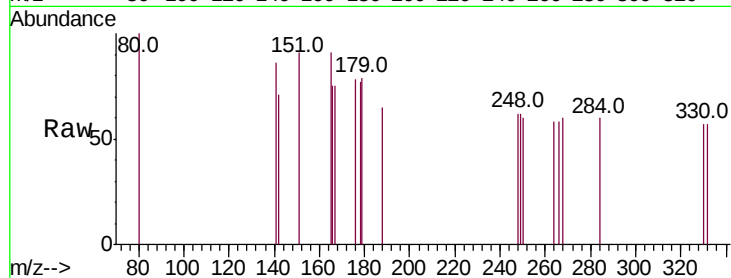




#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 15.95 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

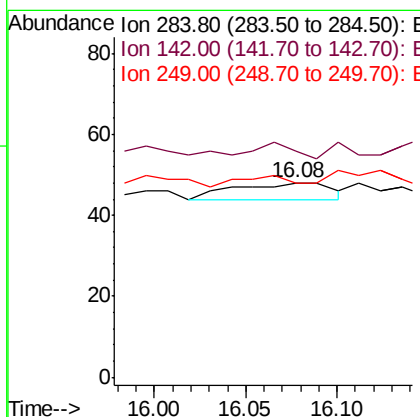
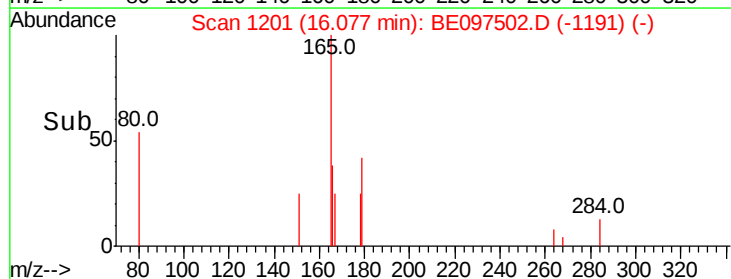
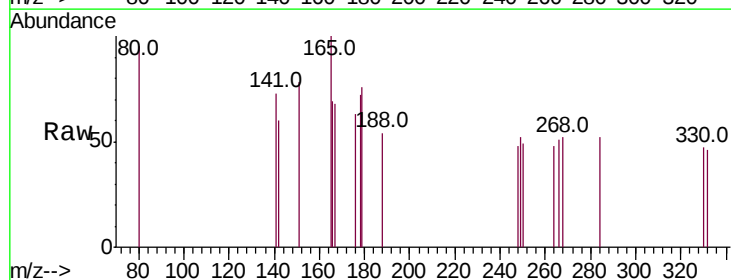
Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

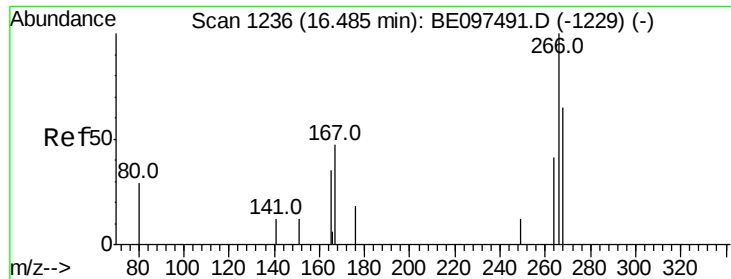
Tot Ion:248 Resp: 8
Ion Ratio Lower Upper
248 100
250 95.8 62.7 94.1#
141 137.5 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.004 ng
RT: 16.08 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:284 Resp: 15
Ion Ratio Lower Upper
284 100
142 40.0 22.1 33.1#
249 40.0 34.8 52.2

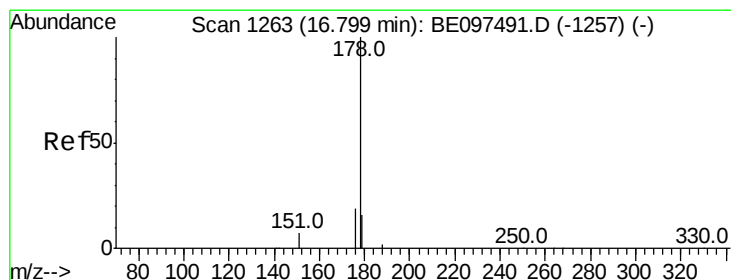
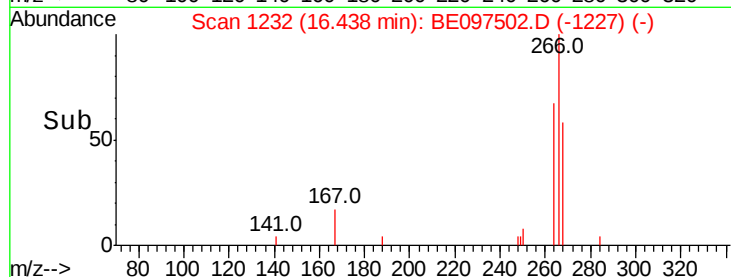
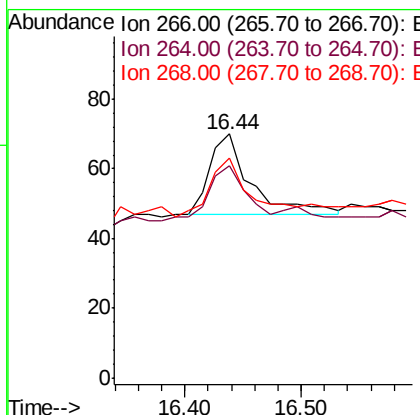
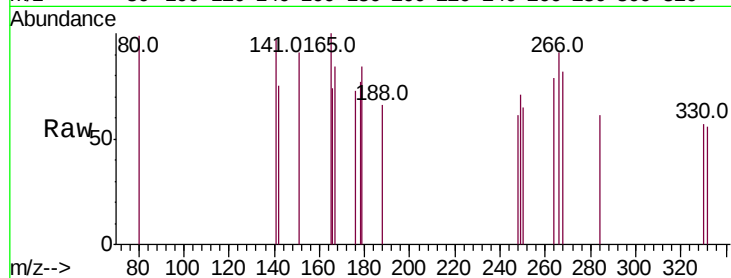




#22
 Pentachlorophenol
 Concen: 0.156 ng
 RT: 16.44 min Scan# 1232
 Delta R.T. -0.05 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

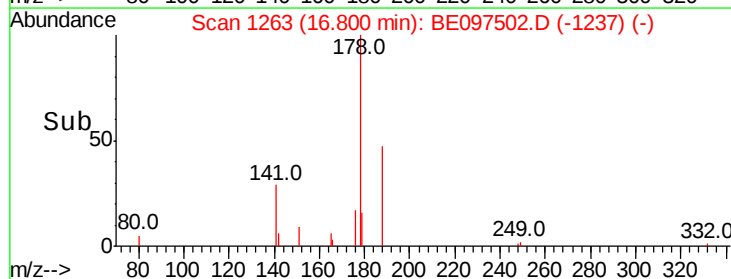
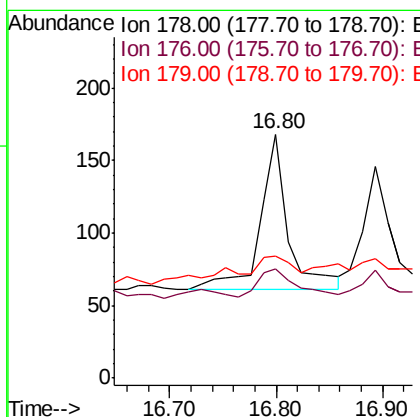
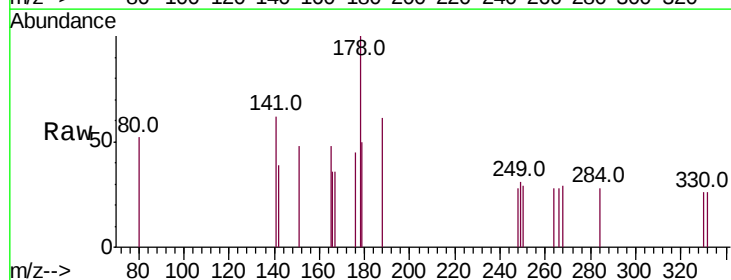
Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-091118

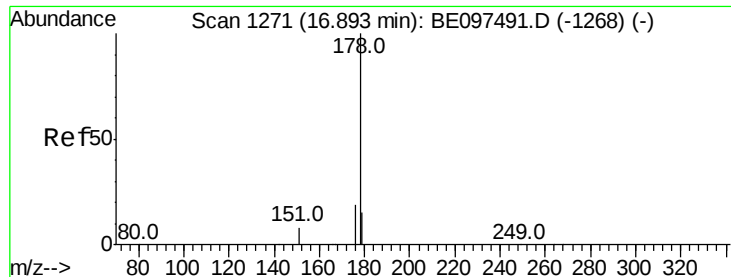
Tot Ion:266 Resp: 56
 Ion Ratio Lower Upper
 266 100
 264 87.1 72.5 108.7
 268 90.0 73.8 110.6



#23
 Phenanthrene
 Concen: 0.011 ng
 RT: 16.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

Tgt Ion:178 Resp: 197
 Ion Ratio Lower Upper
 178 100
 176 23.9 15.1 22.7#
 179 38.6 11.8 17.6#

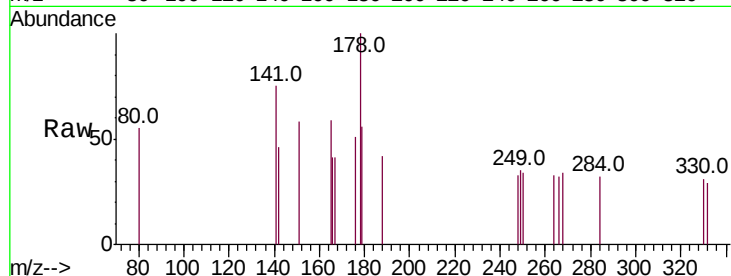




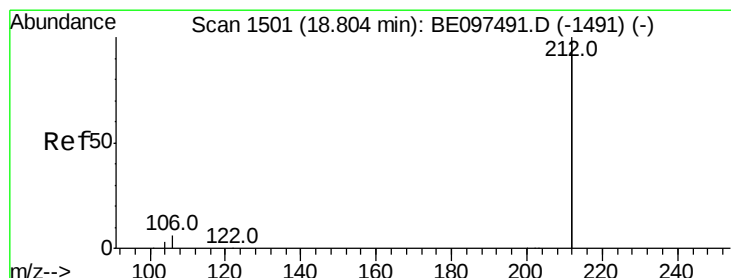
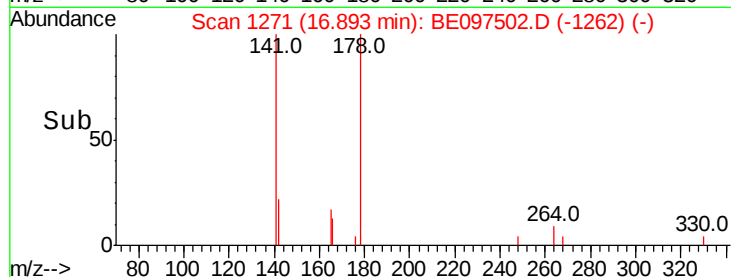
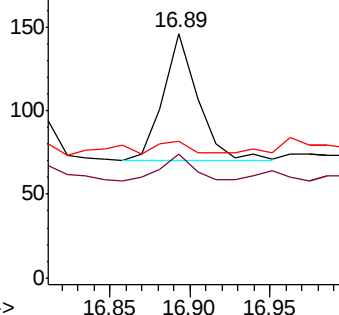
#24
 Anthracene
 Concen: 0.007 ng
 RT: 16.89 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

Instrument :
 BNA_E
 ClientSampleId :
 C-MW-07-091118

Tot Ion:178 Resp: 115
 Ion Ratio Lower Upper
 178 100
 176 19.1 12.8 19.2
 179 20.9 13.0 19.6#

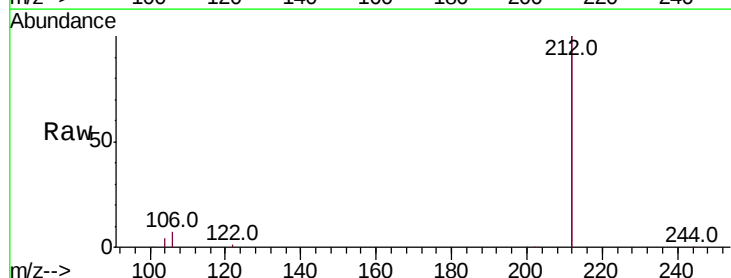


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

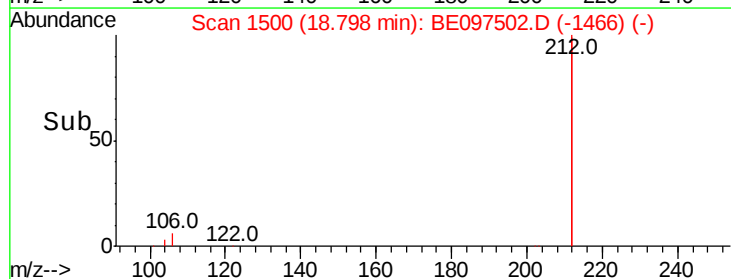
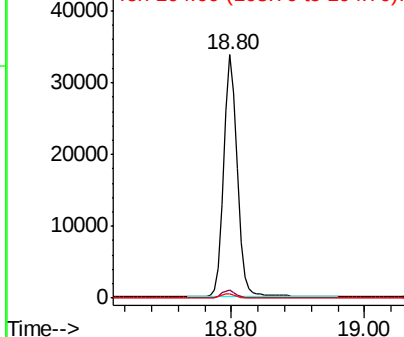


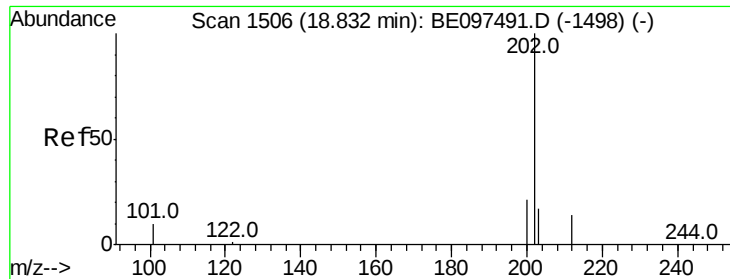
#25
 Fluoranthene-d10
 Concen: 0.516 ng
 RT: 18.80 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BE097502.D
 Acq: 17 Sep 2018 18:59

Tgt Ion:212 Resp: 47640
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

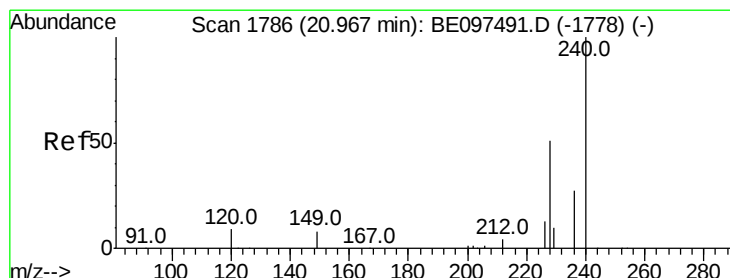
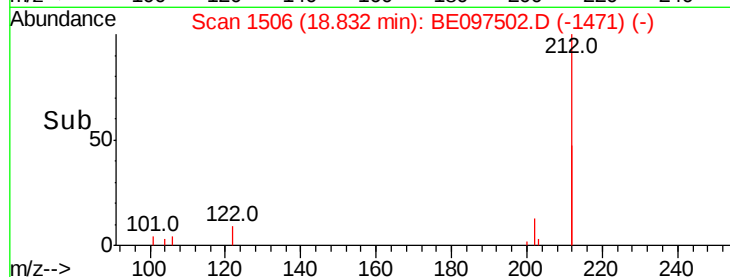
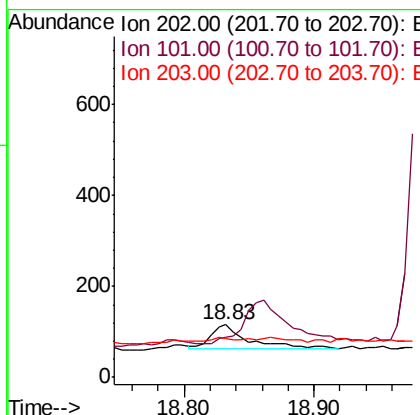
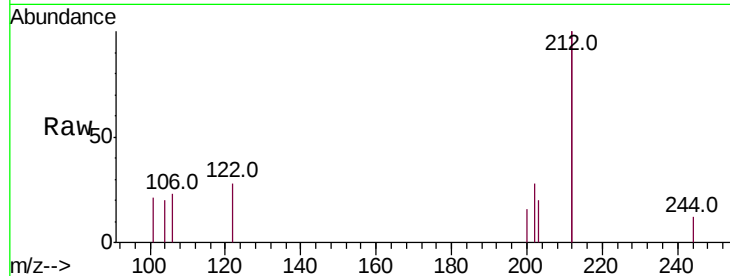




#26
Fluoranthene
Concen: 0.005 ng
RT: 18.83 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

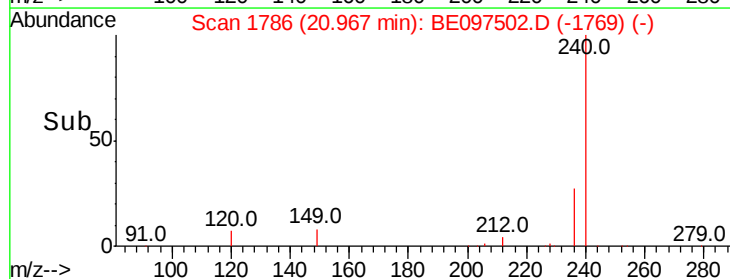
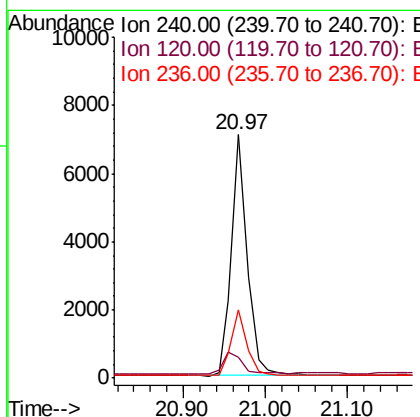
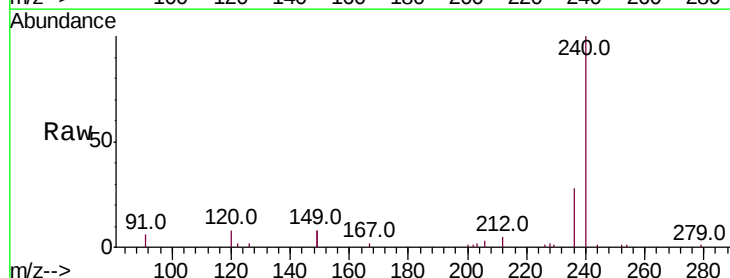
Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

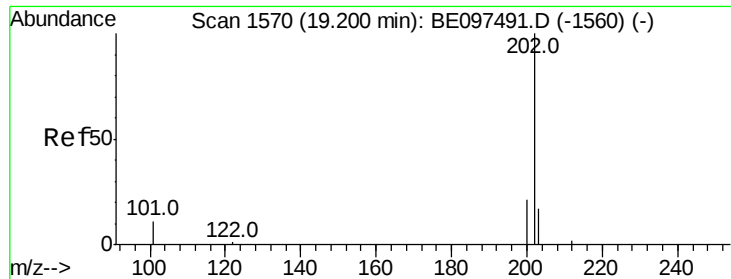
Tot Ion:202 Resp: 110
Ion Ratio Lower Upper
202 100
101 0.0 9.8 14.8#
203 6.4 13.7 20.5#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:240 Resp: 9525
Ion Ratio Lower Upper
240 100
120 8.4 5.5 8.3#
236 28.0 20.7 31.1





#28

Pvrene

Concen: 0.003 ng

RT: 19.19 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

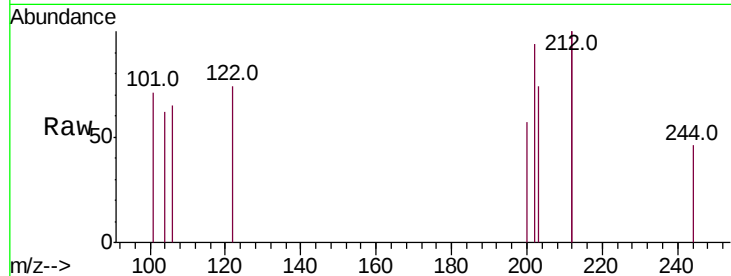
Tot Ion:202 Resp: 85

Ion Ratio Lower Upper

202 100

200 34.1 16.6 25.0#

203 27.1 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

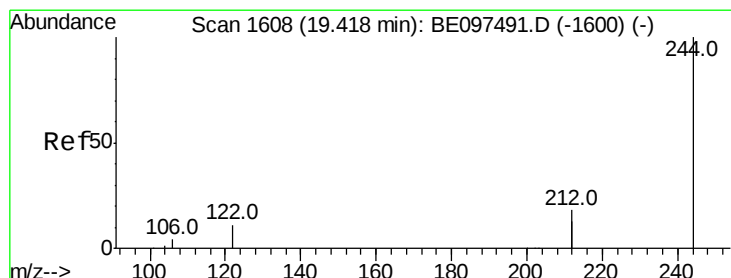
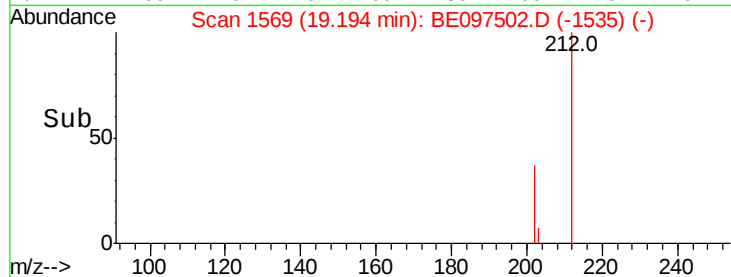
19.19

100

50

0

Time--> 19.15 19.20 19.25



#29

Terphenyl-d14

Concen: 0.621 ng

RT: 19.41 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

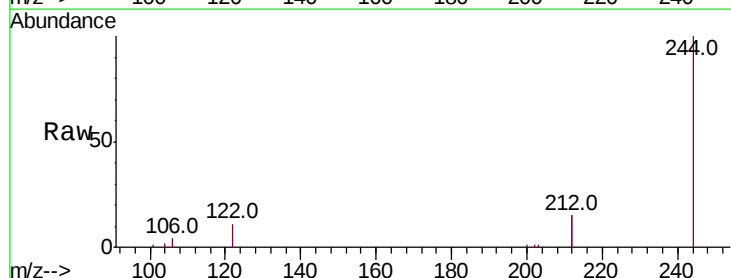
Tgt Ion:244 Resp: 11309

Ion Ratio Lower Upper

244 100

212 30.9 25.4 38.0

122 11.1 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.41

12000

10000

8000

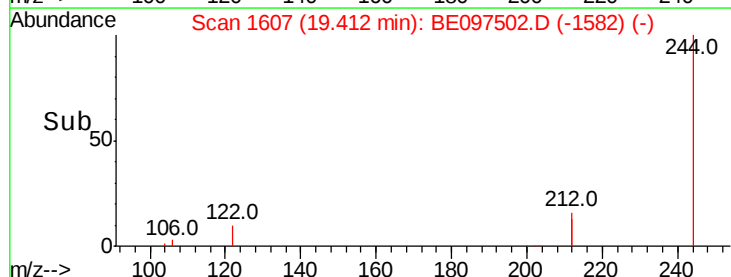
6000

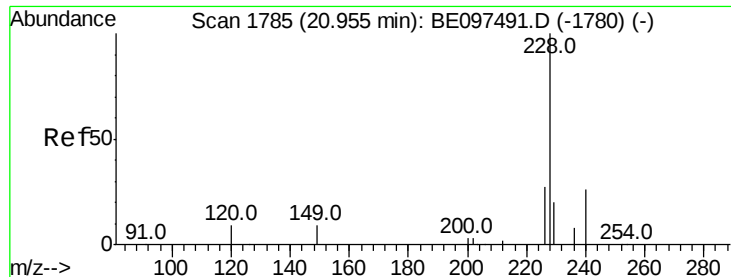
4000

2000

0

Time--> 19.30 19.40 19.50





#30

Benzo(a)anthracene

Concen: 0.004 ng

RT: 20.96 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

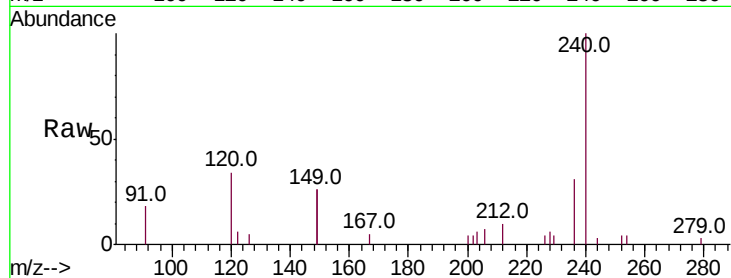
BNA_E

ClientSampleId :

C-MW-07-091118

Tot Ion:228 Resp: 104

Ion	Ratio	Lower	Upper
228	100		
226	69.9	24.0	36.0#
229	76.7	16.0	24.0#

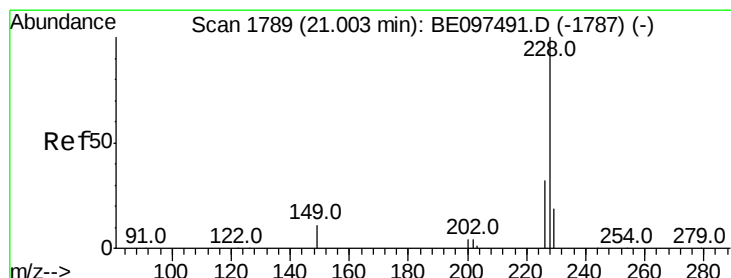
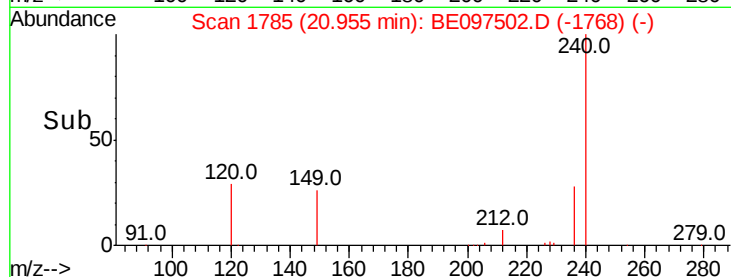
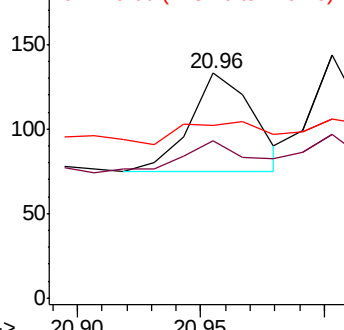


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.004 ng

RT: 21.00 min Scan# 1789

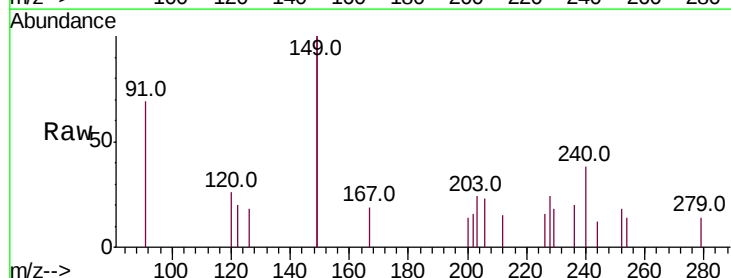
Delta R.T. 0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Tgt Ion:228 Resp: 102

Ion	Ratio	Lower	Upper
228	100		
226	67.4	24.0	36.0#
229	73.6	16.0	24.0#

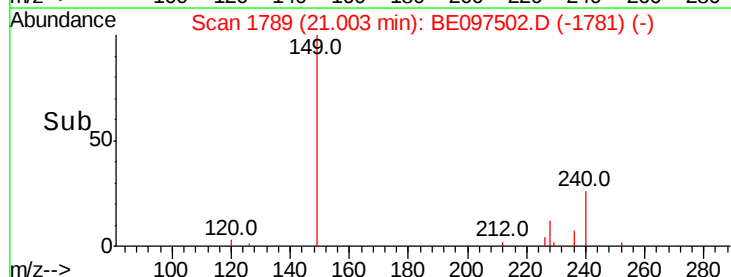
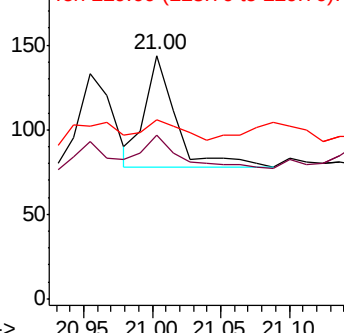


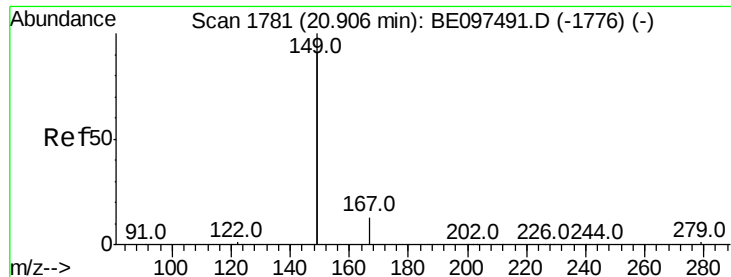
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.210 ng

RT: 20.91 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

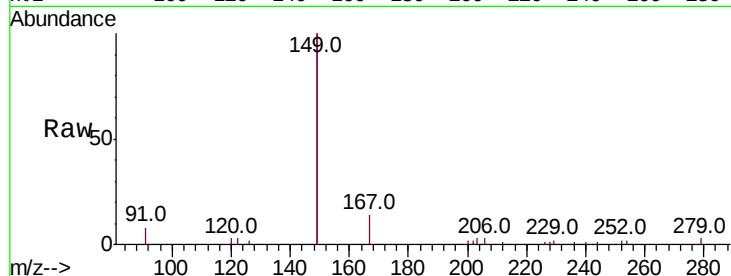
Tot Ion:149 Resp: 11187

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

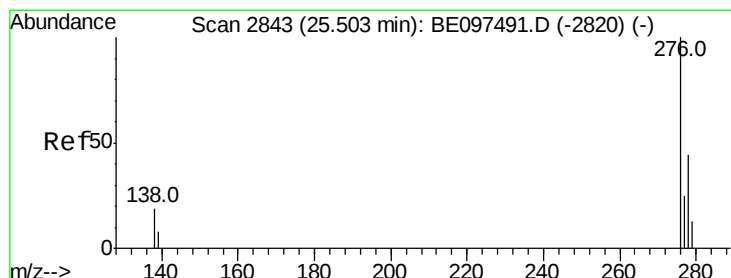
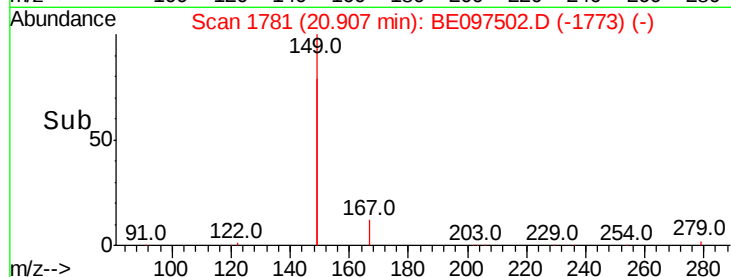
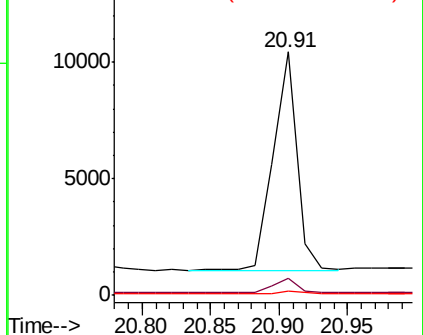
279 1.4 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng

RT: 25.52 min Scan# 2849

Delta R.T. 0.02 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

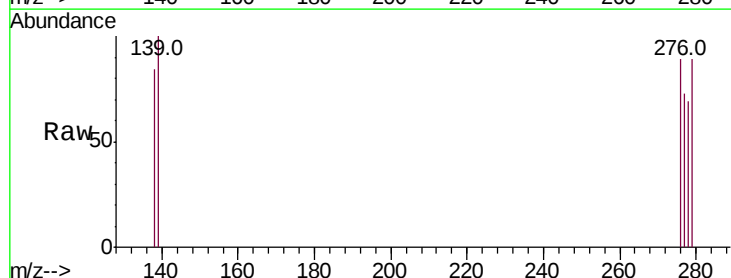
Tgt Ion:276 Resp: 133

Ion Ratio Lower Upper

276 100

138 0.0 22.5 33.7#

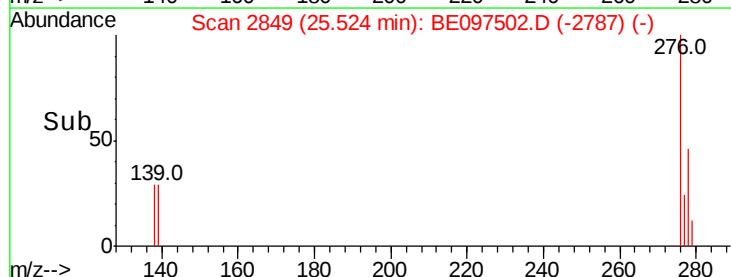
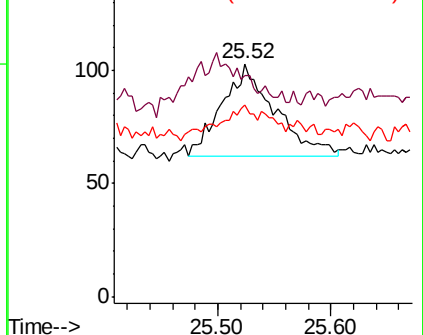
277 25.6 19.9 29.9

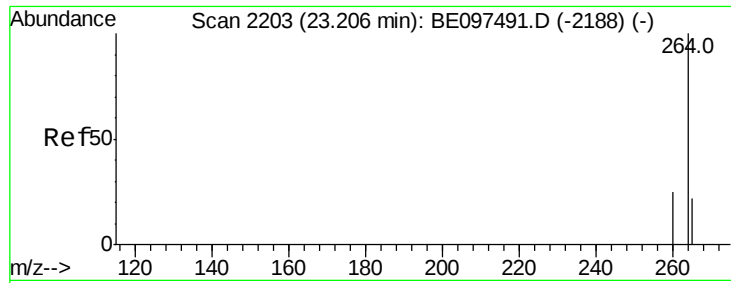


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

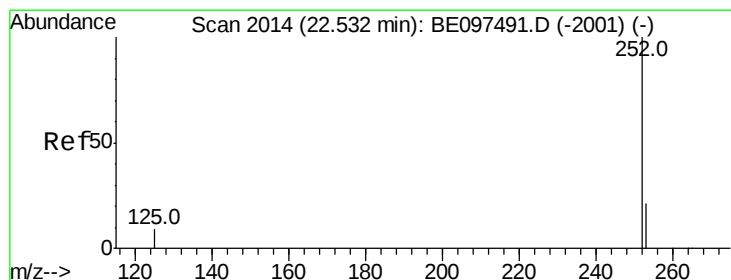
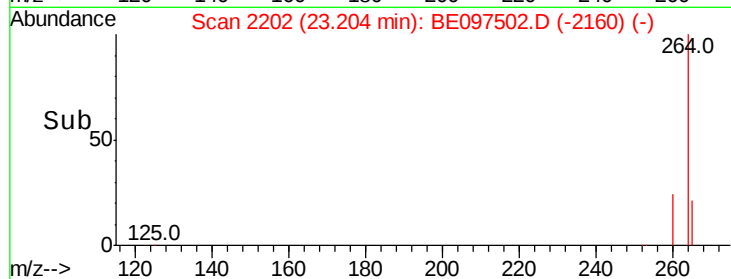
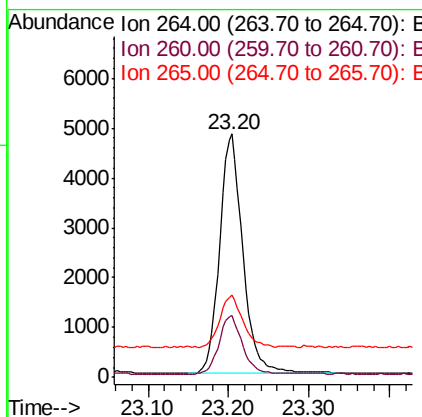
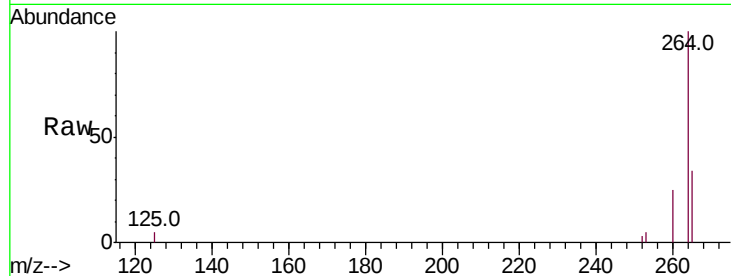




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

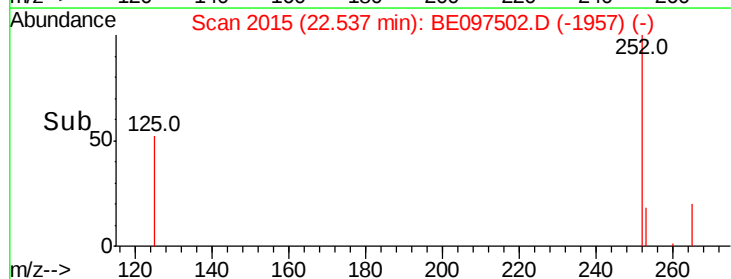
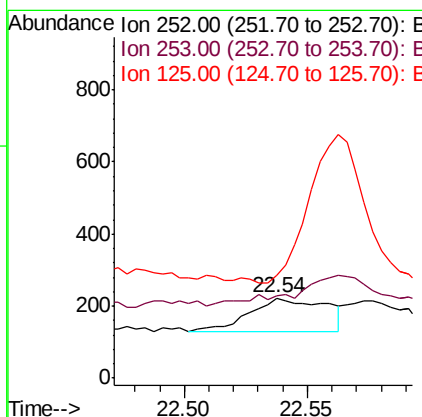
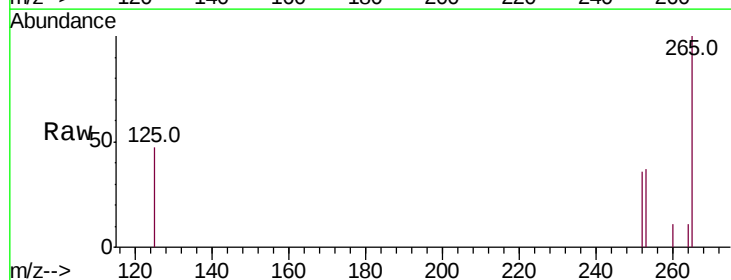
Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

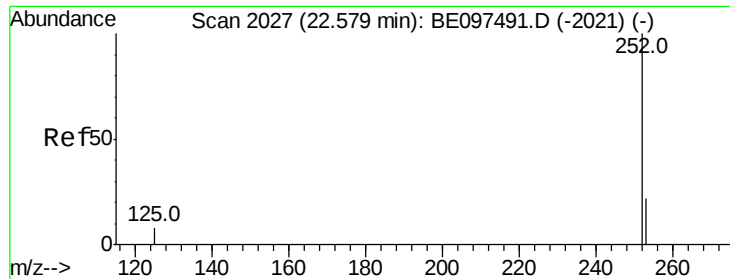
Tot Ion:264 Resp: 9657
Ion Ratio Lower Upper
264 100
260 25.4 20.5 30.7
265 33.6 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 22.54 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:252 Resp: 194
Ion Ratio Lower Upper
252 100
253 103.2 20.0 30.0#
125 129.3 16.0 24.0#

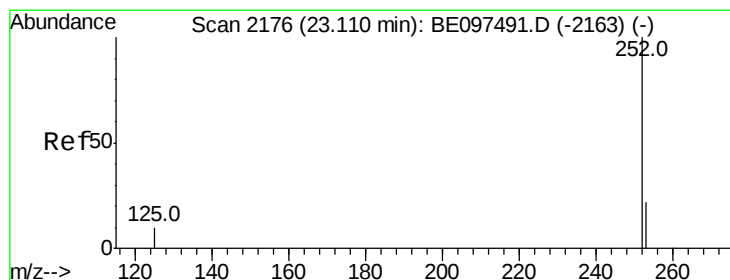
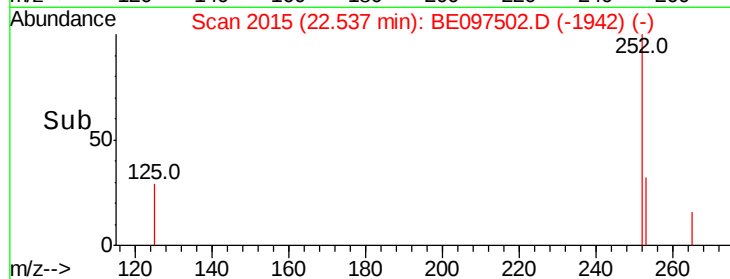
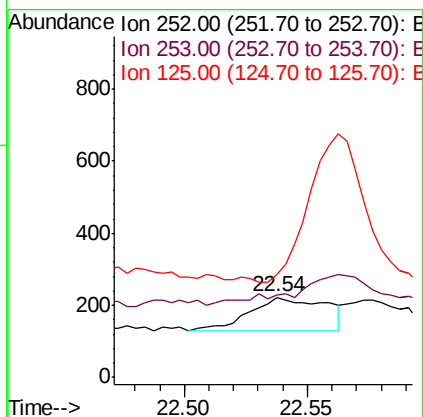
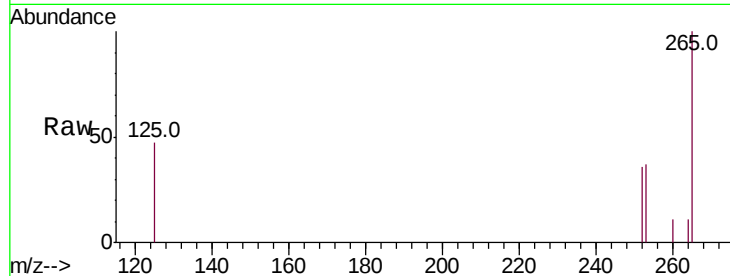




#36
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.04 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

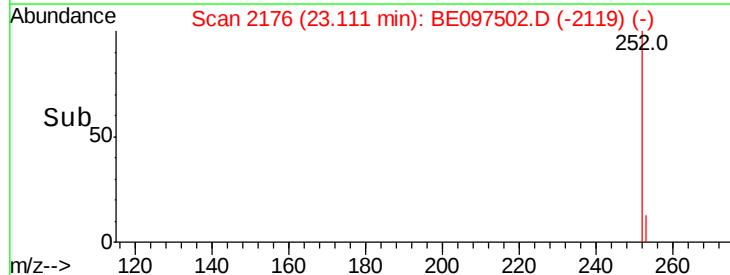
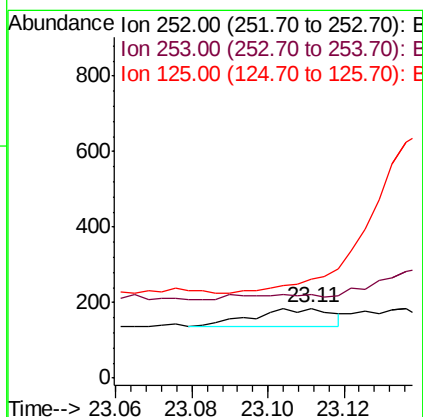
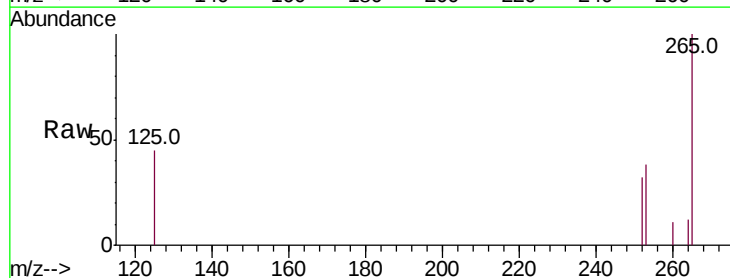
Instrument :
BNA_E
ClientSampleId :
C-MW-07-091118

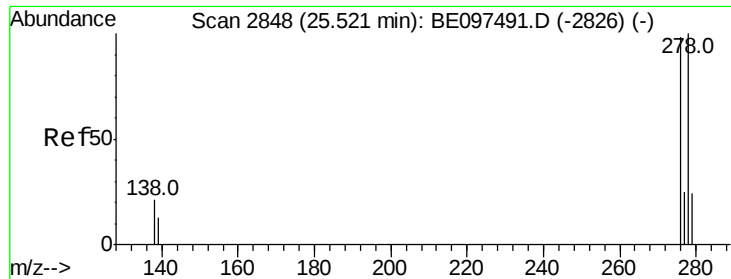
Tot Ion:252 Resp: 194
Ion Ratio Lower Upper
252 100
253 103.2 16.0 24.0#
125 129.3 8.0 12.0#



#37
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.11 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BE097502.D
Acq: 17 Sep 2018 18:59

Tgt Ion:252 Resp: 66
Ion Ratio Lower Upper
252 100
253 119.5 16.0 24.0#
125 141.6 12.0 18.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 25.53 min Scan# 2852

Delta R.T. 0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

Instrument :

BNA_E

ClientSampleId :

C-MW-07-091118

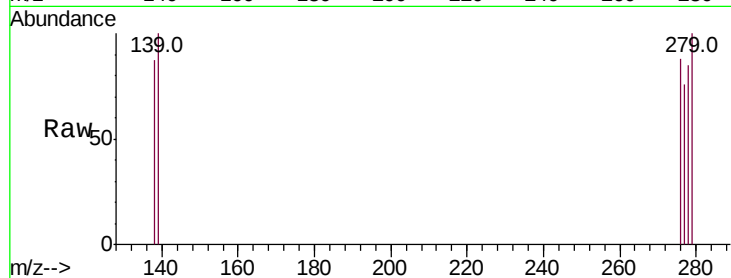
Tot Ion:278 Resp: 54

Ion Ratio Lower Upper

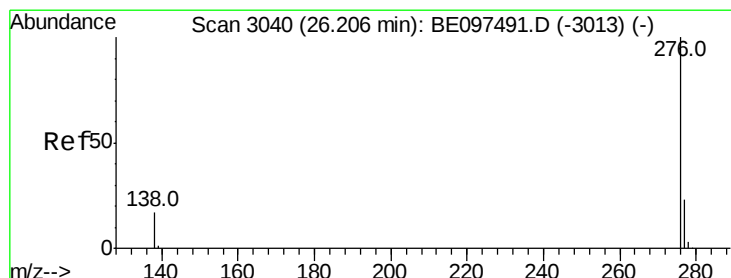
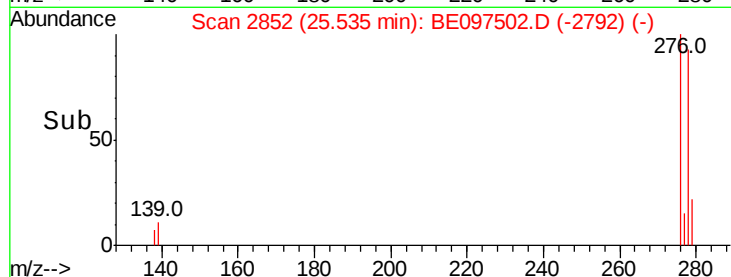
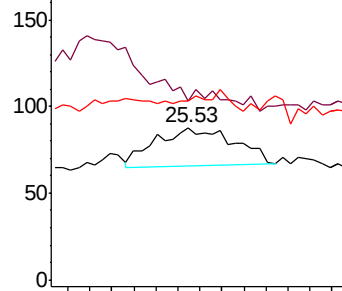
278 100

139 117.0 16.0 24.0#

279 117.0 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 26.22 min Scan# 3043

Delta R.T. 0.01 min

Lab File: BE097502.D

Acq: 17 Sep 2018 18:59

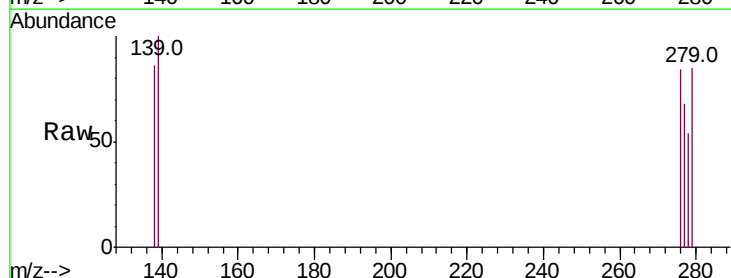
Tgt Ion:276 Resp: 119

Ion Ratio Lower Upper

276 100

277 80.4 16.0 24.0#

138 102.1 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

