

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111218\
 Data File : BE098202.D
 Acq On : 12 Nov 2018 23:08
 Operator : SJ/JU
 Sample : J5864-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OLDMANS-1

Quant Time: Nov 13 03:51:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1024	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4698	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3325	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8167	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9304	0.40	ng	0.00
34) Perylene-d12	24.01	264	8769	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	19	0.01	ng	0.00
5) Phenol-d6	7.03	99	22	0.00	ng	-0.01
8) Nitrobenzene-d5	9.02	82	51	0.01	ng	0.00
11) 2-Methylnaphthalene-d10	12.23	152	156	0.02	ng	-0.04
14) 2,4,6-Tribromophenol	16.02	330	10	0.01	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	58	0.00	ng	0.00
25) Fluoranthene-d10	19.31	212	16	0.00	ng	0.00
29) Terphenyl-d14	19.91	244	114	0.01	ng	0.00

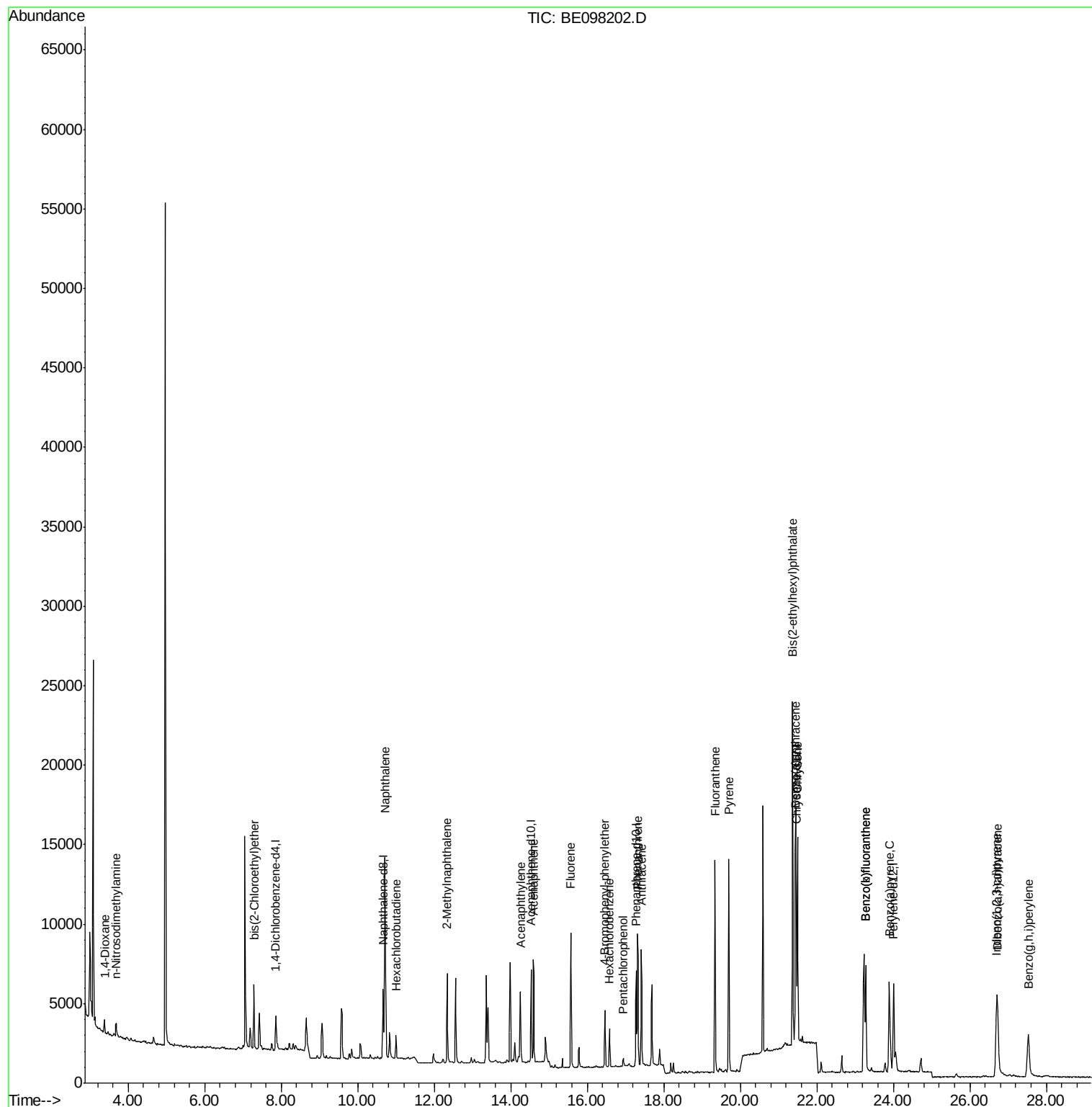
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.38	88	484	0.313	ng	# 72
3) n-Nitrosodimethylamine	3.68	42	744	0.370	ng	# 20
6) bis(2-Chloroethyl)ether	7.29	93	1280	0.342	ng	91
9) Naphthalene	10.72	128	20195	0.423	ng	99
10) Hexachlorobutadiene	11.00	225	997	0.336	ng	96
12) 2-Methylnaphthalene	12.34	142	3725	0.449	ng	95
16) Acenaphthylene	14.26	152	6336	0.416	ng	98
17) Acenaphthene	14.59	154	3735	0.401	ng	99
18) Fluorene	15.57	166	5230	0.439	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	1910	0.384	ng	92
21) Hexachlorobenzene	16.58	284	1835	0.355	ng	99
22) Pentachlorophenol	16.94	266	334	0.369	ng	92
23) Phenanthrene	17.31	178	9250	0.455	ng	99
24) Anthracene	17.41	178	8140	0.430	ng	99
26) Fluoranthene	19.34	202	11757	0.467	ng	99
28) Pyrene	19.70	202	12235	0.478	ng	99
30) Benzo(a)anthracene	21.44	228	12019	0.455	ng	97
31) Chrysene	21.50	228	11198	0.417	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	21474	0.391	ng	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	9555	0.388	ng	# 92
35) Benzo(b)fluoranthene	23.27	252	10253	0.412	ng	99
36) Benzo(k)fluoranthene	23.27	252	10416	0.397	ng	98
37) Benzo(a)pyrene	23.89	252	10036	0.421	ng	97
38) Dibenzo(a,h)anthracene	26.72	278	7371	0.363	ng	96
39) Benzo(g,h,i)perylene	27.53	276	7795	0.367	ng	98

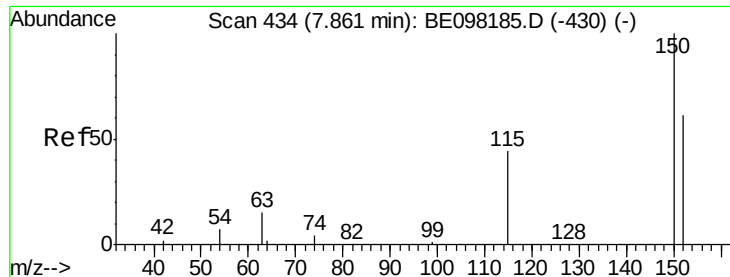
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 12 13:32:15 2018
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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: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

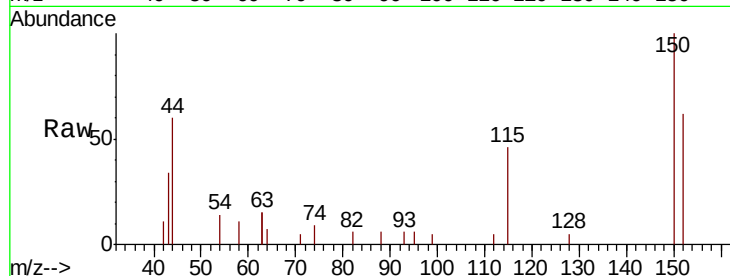
Tgt Ion:152 Resp: 1024

Ion Ratio Lower Upper

152 100

150 162.6 127.5 191.3

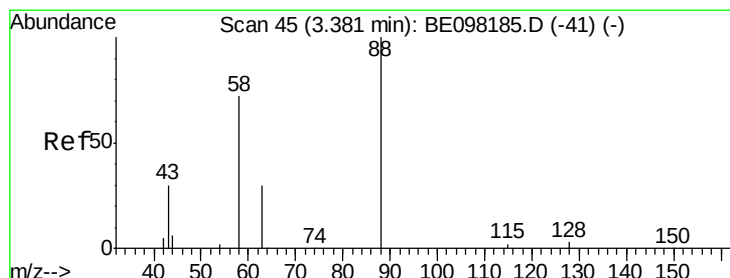
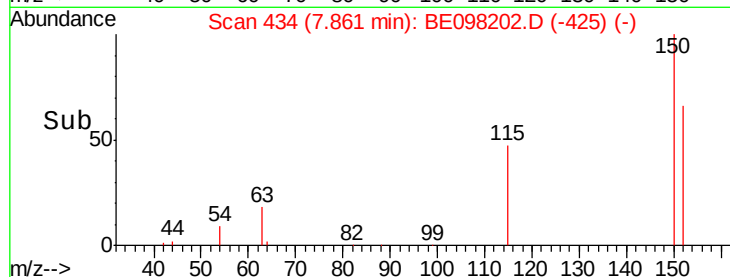
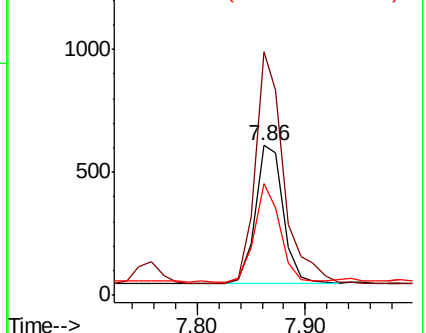
115 74.9 60.3 90.5



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: 0.313 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

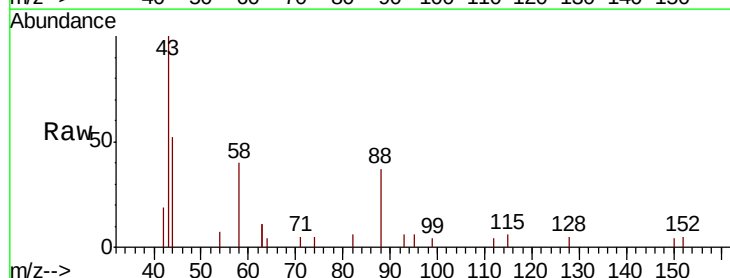
Tgt Ion: 88 Resp: 484

Ion Ratio Lower Upper

88 100

58 95.5 79.0 118.4

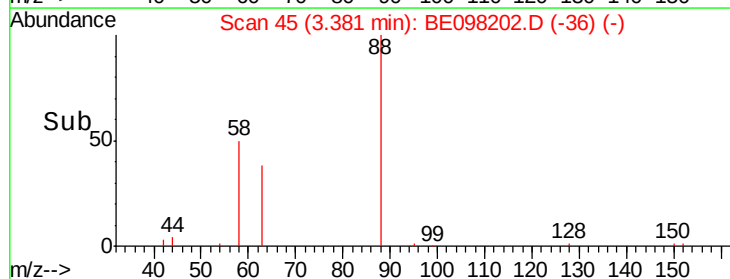
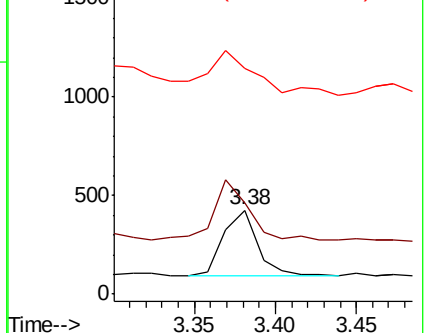
43 100.0 38.1 57.1#

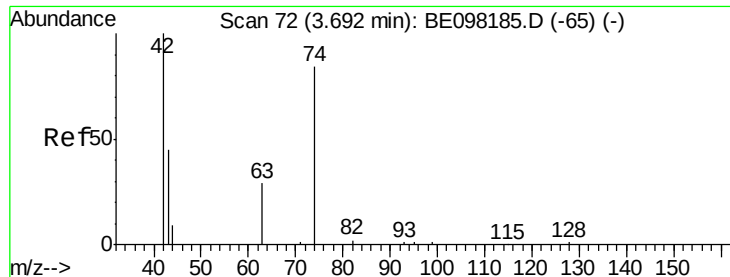


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.370 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

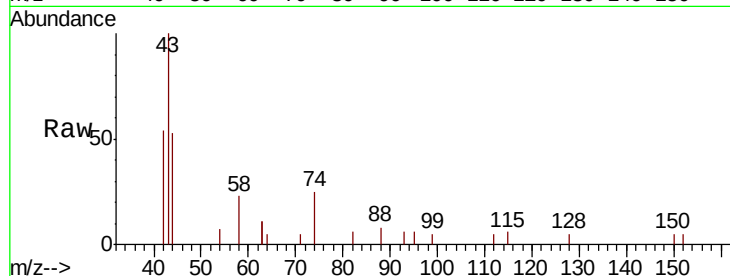
Tgt Ion: 42 Resp: 744

Ion Ratio Lower Upper

42 100

74 0.0 61.7 92.5#

44 0.0 14.0 21.0#



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

800

600

400

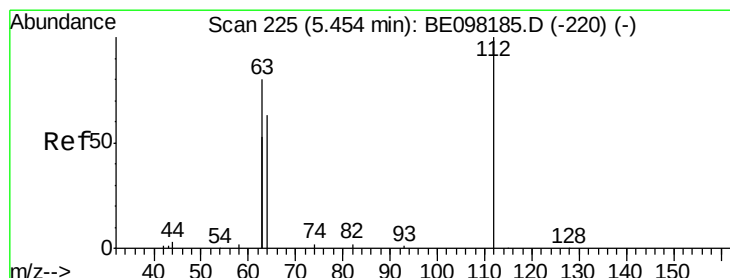
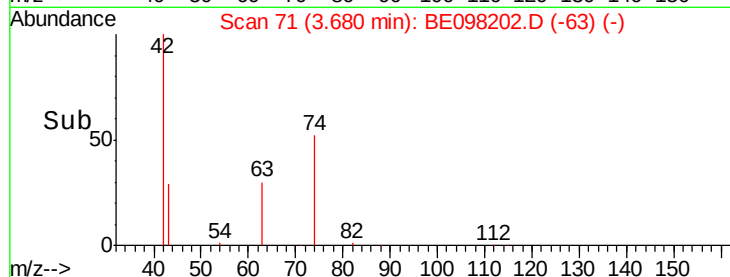
200

0

3.68

3.60 3.65 3.70 3.75

Time-->



#4

2-Fluorophenol

Concen: 0.007 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

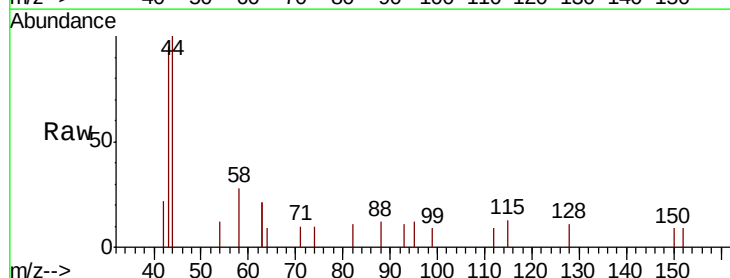
Tgt Ion: 112 Resp: 19

Ion Ratio Lower Upper

112 100

64 78.9 61.7 92.5

63 300.0 136.2 204.2#



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

300

250

200

150

100

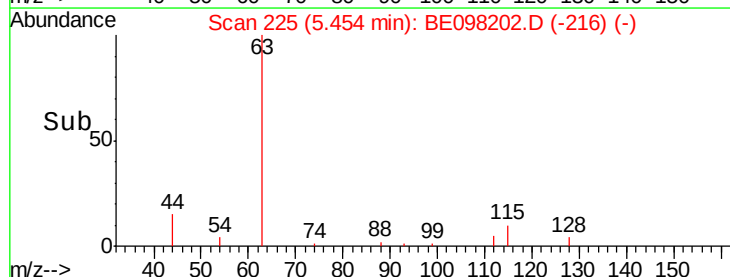
50

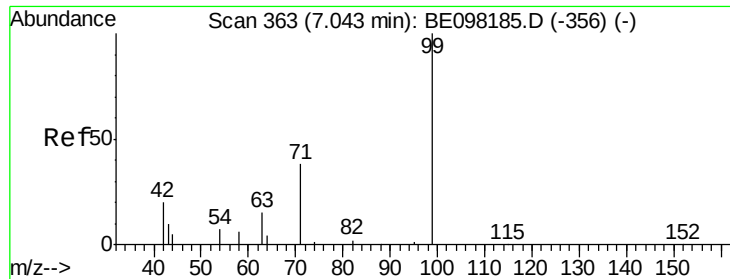
0

5.45

5.40 5.50

Time-->





#5

Phenol-d6

Concen: 0.005 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

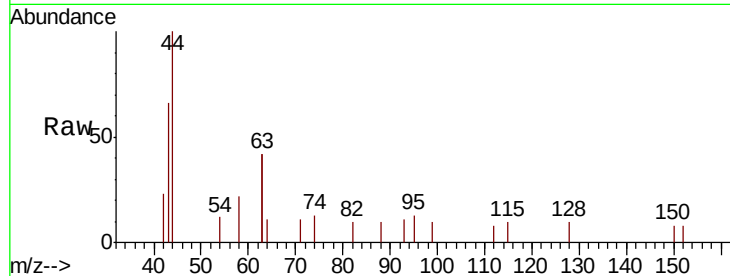
Tgt Ion: 99 Resp: 22

Ion Ratio Lower Upper

99 100

42 0.0 27.1 40.7#

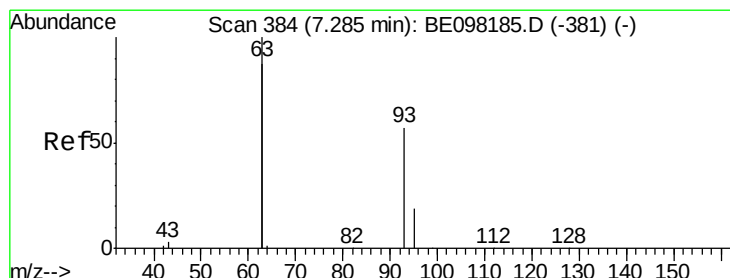
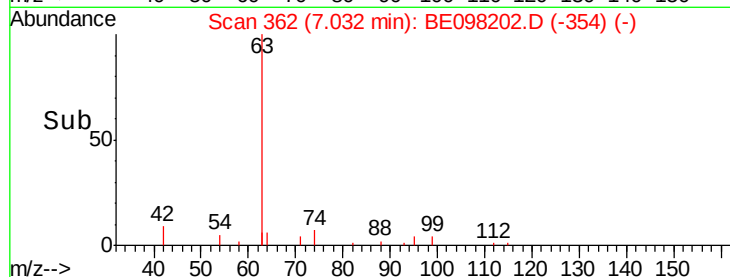
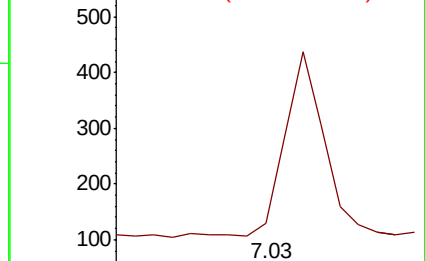
71 145.5 37.0 55.6#



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: 0.342 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

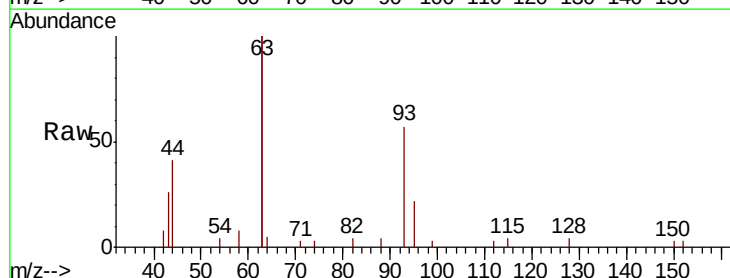
Tgt Ion: 93 Resp: 1280

Ion Ratio Lower Upper

93 100

63 361.5 272.6 409.0

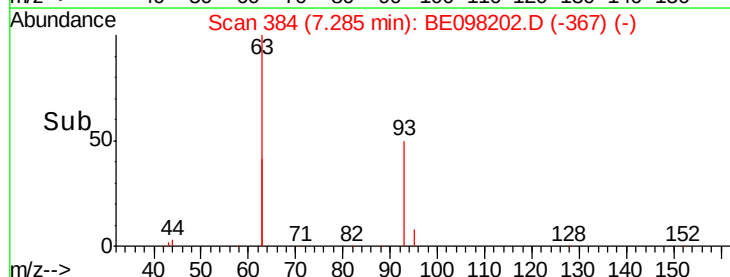
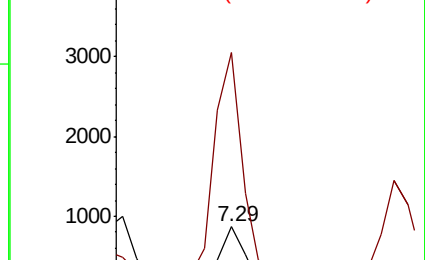
95 34.2 27.1 40.7

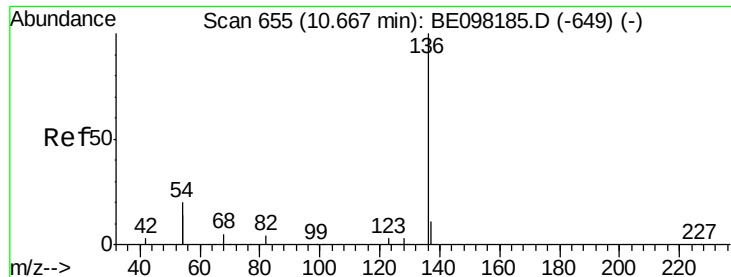


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

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OLDMANS-1

Tgt Ion: 136 Resp: 4698

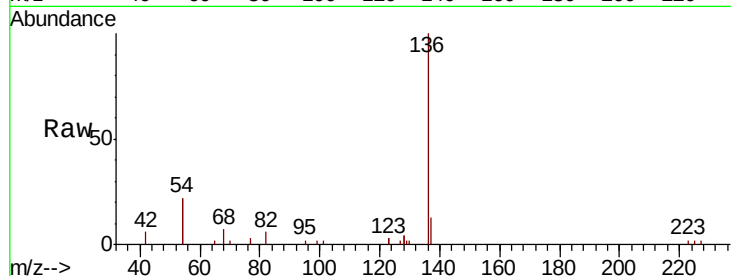
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 44.5 31.3 46.9

68 6.8 4.8 7.2

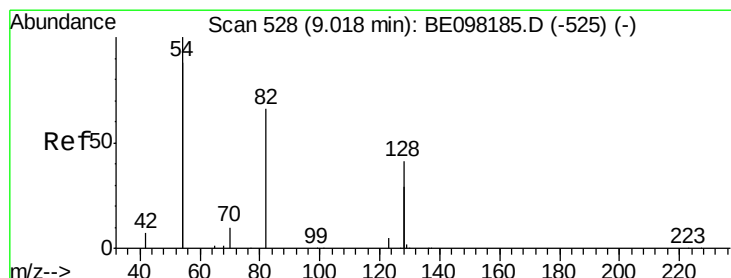
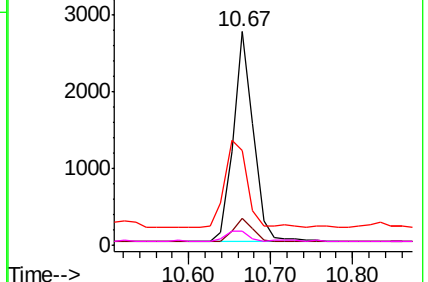
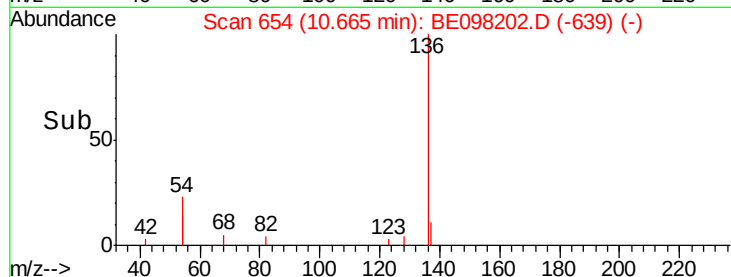


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.011 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

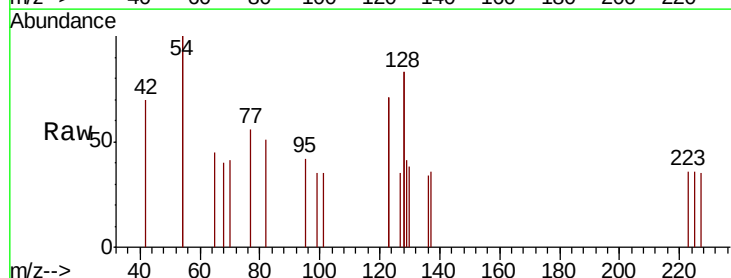
Tgt Ion: 82 Resp: 51

Ion Ratio Lower Upper

82 100

128 327.3 96.1 144.1#

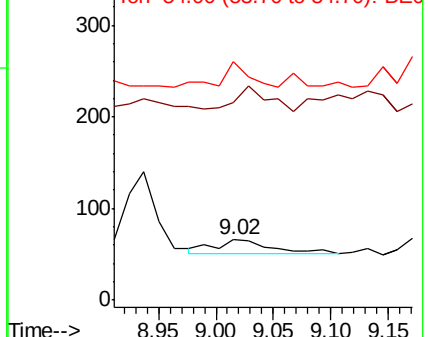
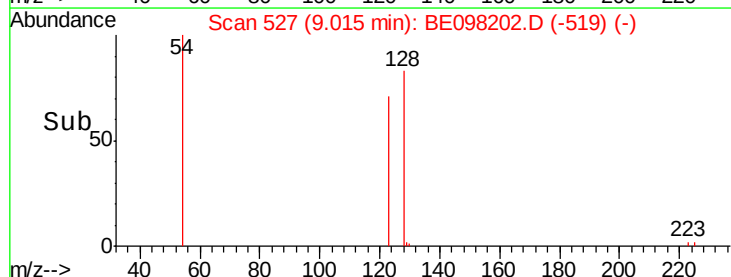
54 393.9 232.0 348.0#

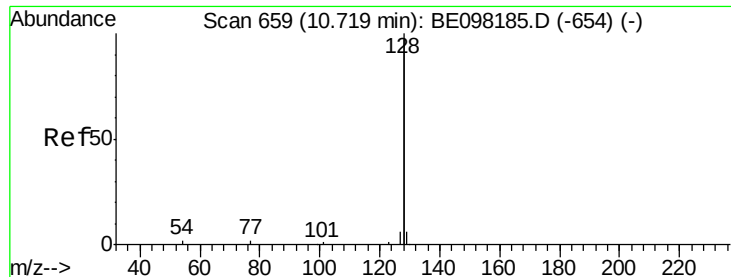


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.423 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

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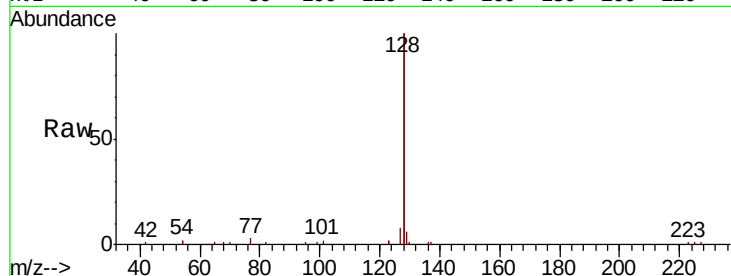
Tgt Ion:128 Resp: 20195

Ion Ratio Lower Upper

128 100

129 3.2 2.6 4.0

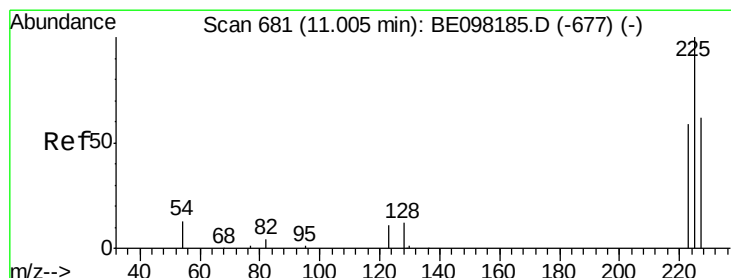
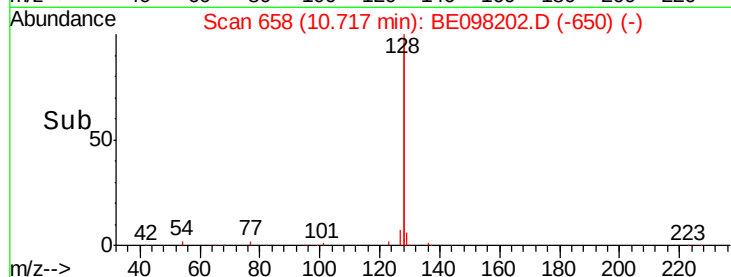
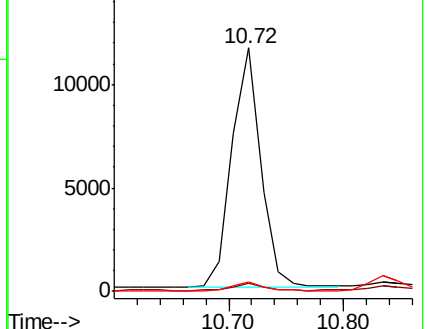
127 3.9 2.8 4.2



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: 0.336 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

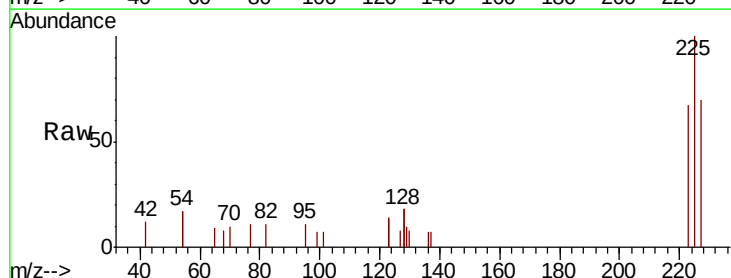
Tgt Ion:225 Resp: 997

Ion Ratio Lower Upper

225 100

223 65.0 50.5 75.7

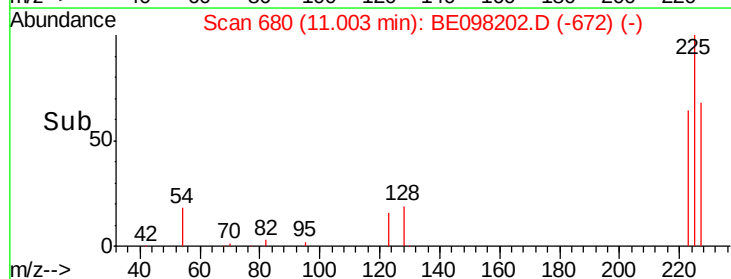
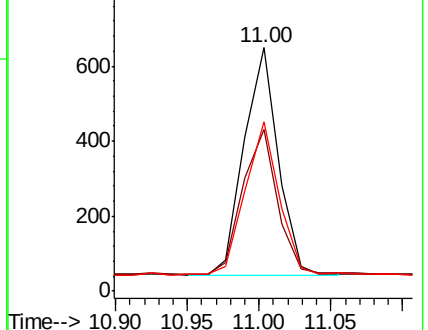
227 67.0 50.3 75.5

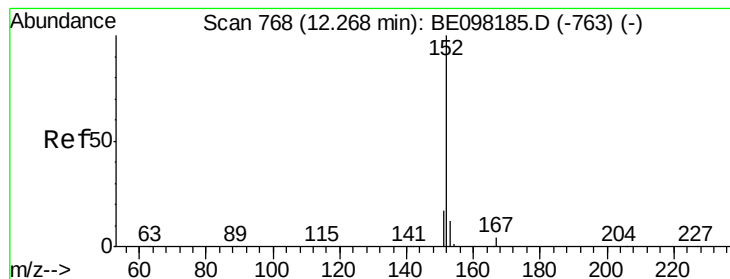


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.019 ng

RT: 12.23 min Scan# 764

Delta R.T. -0.04 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

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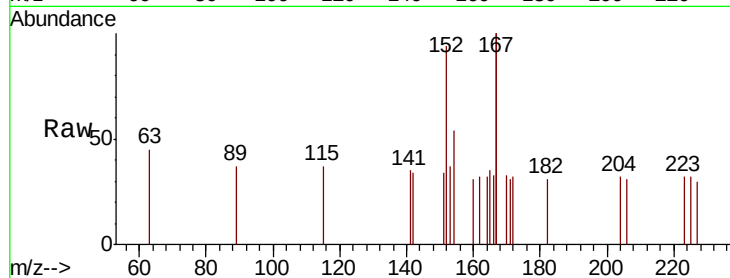
OLDMANS-1

Tgt Ion:152 Resp: 156

Ion Ratio Lower Upper

152 100

151 6.4 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

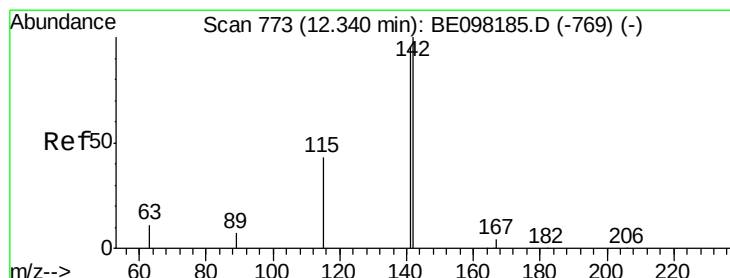
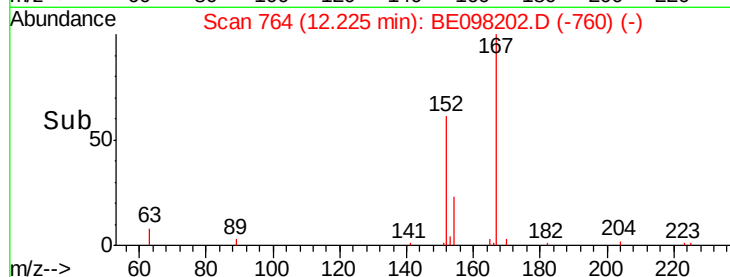
12.23

100

50

0

Time--> 12.15 12.20 12.25 12.30



#12

2-Methylnaphthalene

Concen: 0.449 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

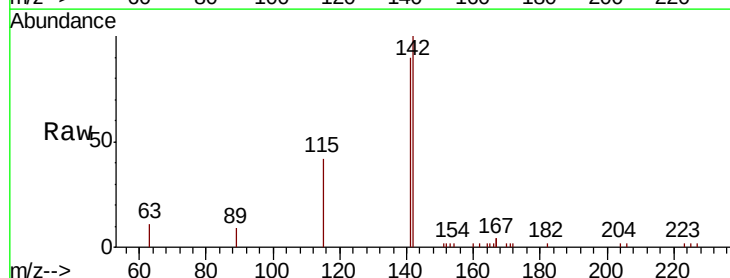
Tgt Ion:142 Resp: 3725

Ion Ratio Lower Upper

142 100

141 89.7 76.3 114.5

115 42.3 35.8 53.8



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

3000

2500

2000

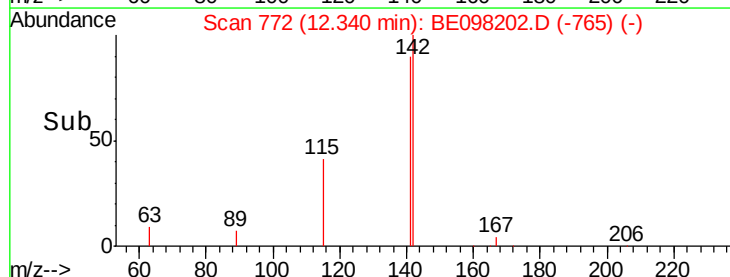
1500

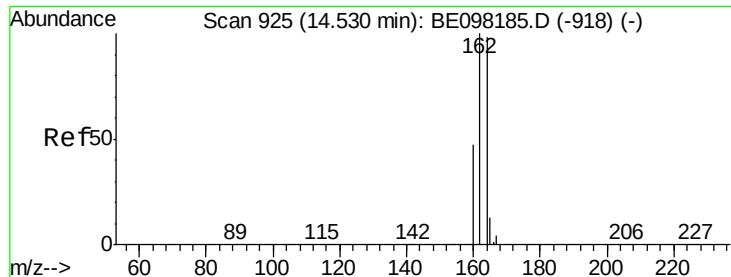
1000

500

0

Time--> 12.25 12.30 12.35 12.40

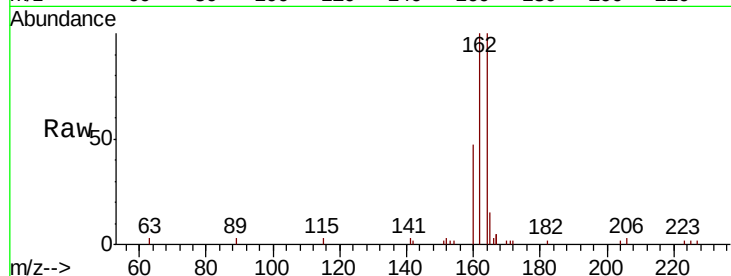




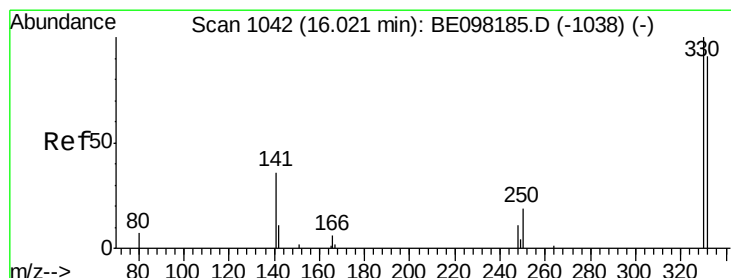
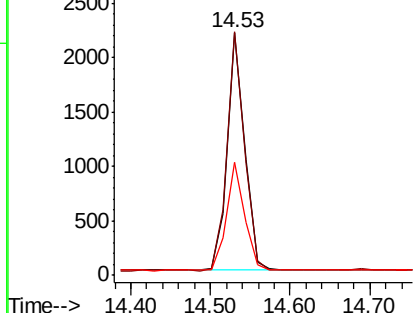
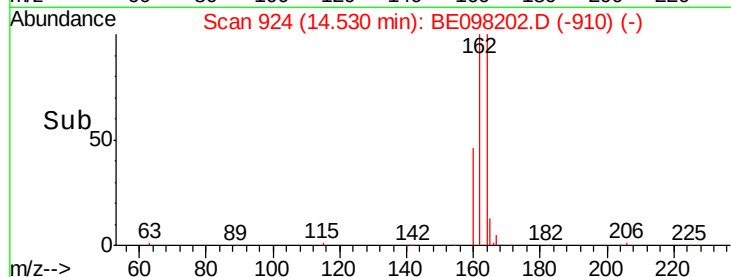
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098202.D
 Acq: 12 Nov 2018 23:08

Instrument :
 BNA_E
 ClientSampleId :
 OLDMANS-1

Tgt Ion:164 Resp: 3325
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.8 122.6
 160 46.8 39.4 59.0

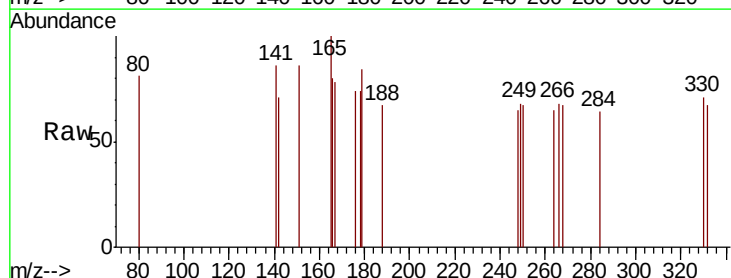


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

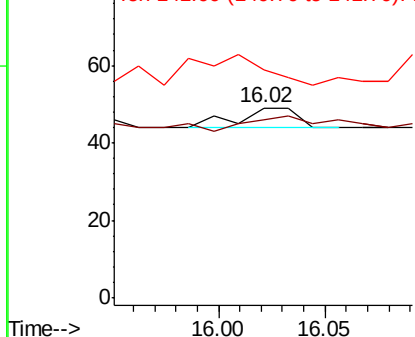
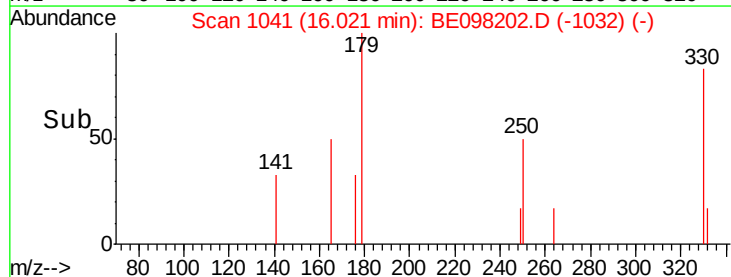


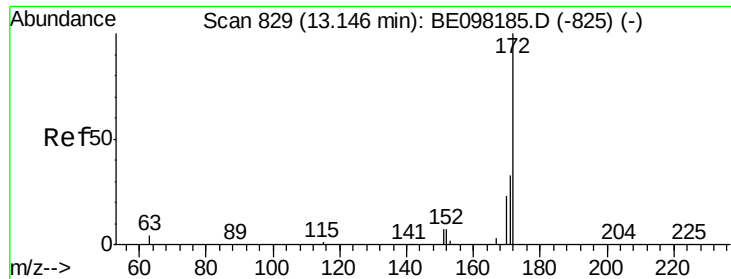
#14
 2,4,6-Tribromophenol
 Concen: 0.007 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE098202.D
 Acq: 12 Nov 2018 23:08

Tgt Ion:330 Resp: 10
 Ion Ratio Lower Upper
 330 100
 332 120.0 77.7 116.5#
 141 0.0 33.6 50.4#



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

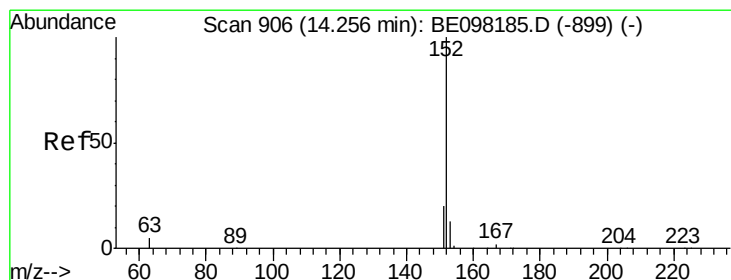
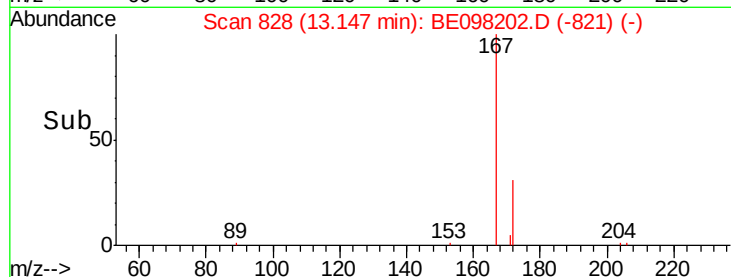
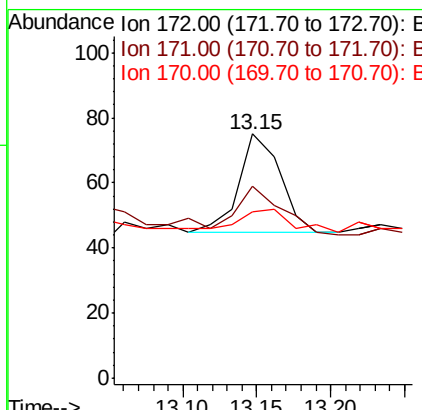
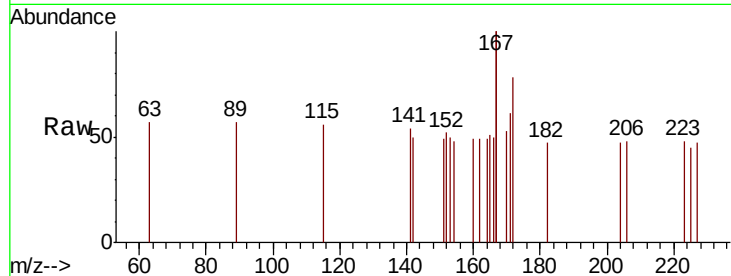




#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098202.D
Acq: 12 Nov 2018 23:08

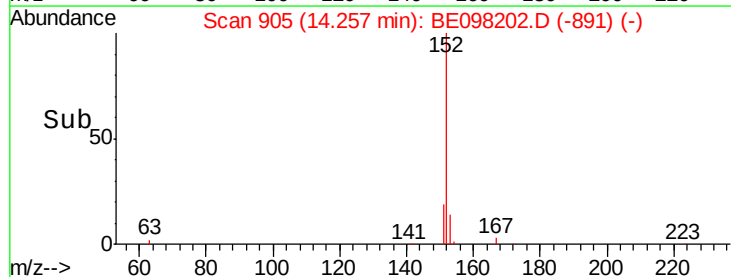
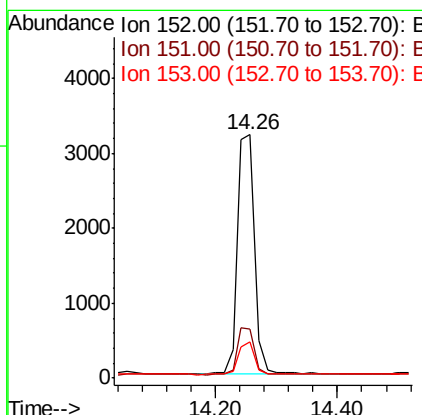
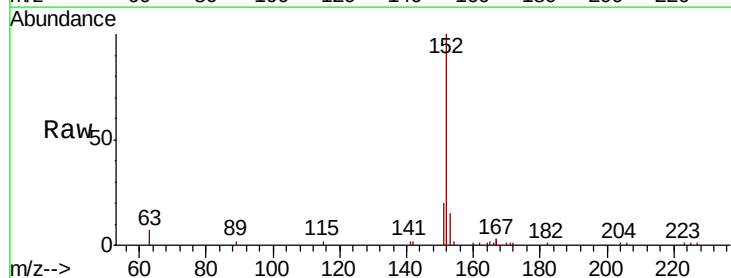
Instrument :
BNA_E
ClientSampleId :
OLDMANS-1

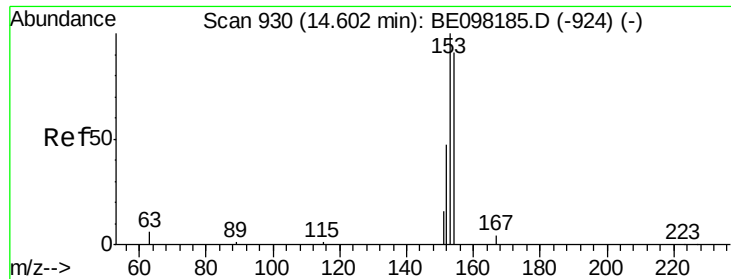
Tgt Ion:172 Resp: 58
Ion Ratio Lower Upper
172 100
171 78.7 27.3 40.9#
170 68.0 19.4 29.0#



#16
Acenaphthylene
Concen: 0.416 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098202.D
Acq: 12 Nov 2018 23:08

Tgt Ion:152 Resp: 6336
Ion Ratio Lower Upper
152 100
151 19.4 16.4 24.6
153 13.0 10.6 15.8

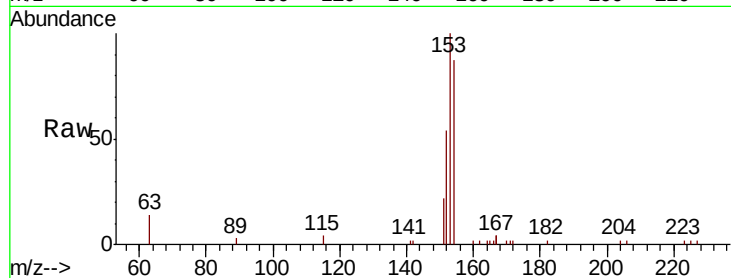




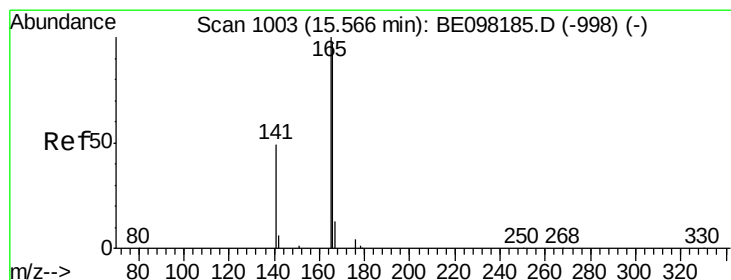
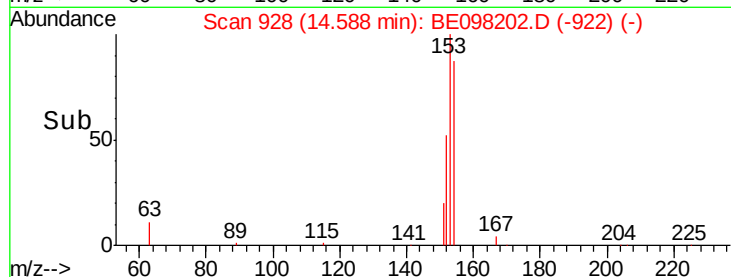
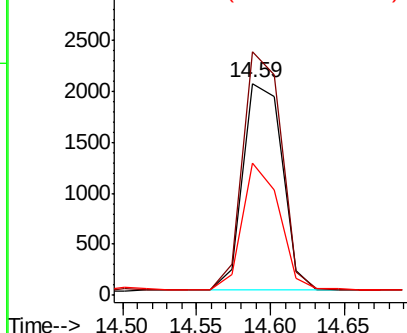
#17
Acenaphthene
Concen: 0.401 ng
RT: 14.59 min Scan# 928
Delta R.T. -0.01 min
Lab File: BE098202.D
Acq: 12 Nov 2018 23:08

Instrument :
BNA_E
ClientSampleId :
OLDMANS-1

Tgt Ion:154 Resp: 3735
Ion Ratio Lower Upper
154 100
153 113.8 92.1 138.1
152 57.6 46.2 69.2

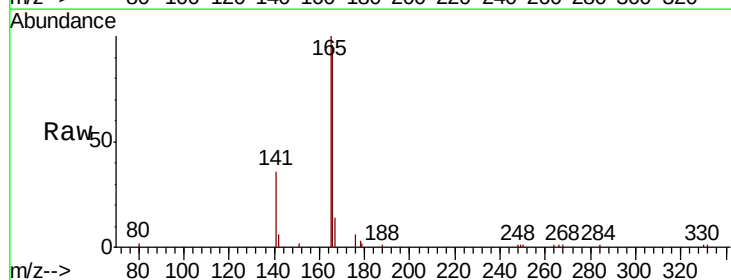


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

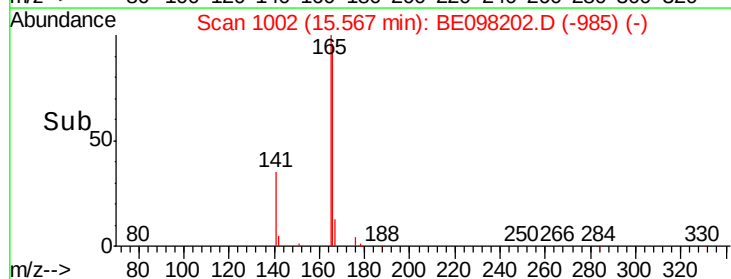
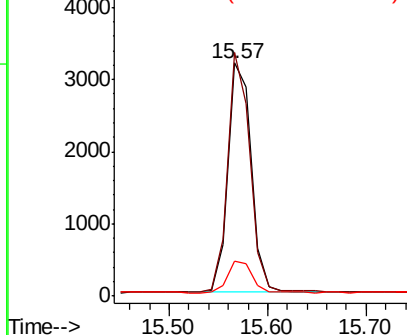


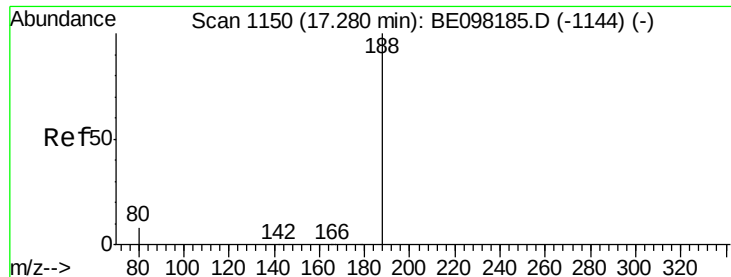
#18
Fluorene
Concen: 0.439 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098202.D
Acq: 12 Nov 2018 23:08

Tgt Ion:166 Resp: 5230
Ion Ratio Lower Upper
166 100
165 99.8 80.1 120.1
167 14.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

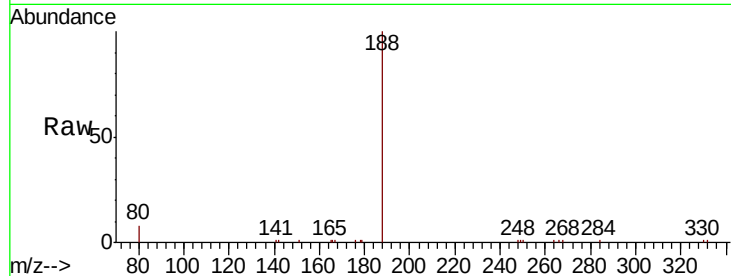
Tgt Ion:188 Resp: 8167

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

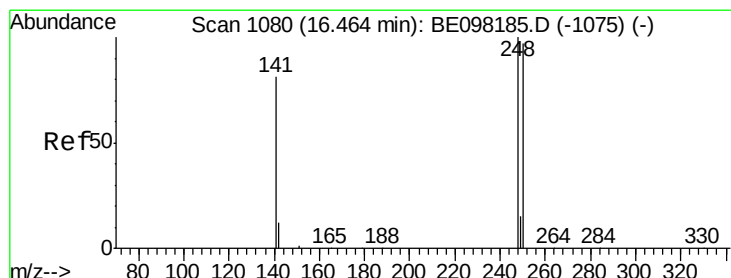
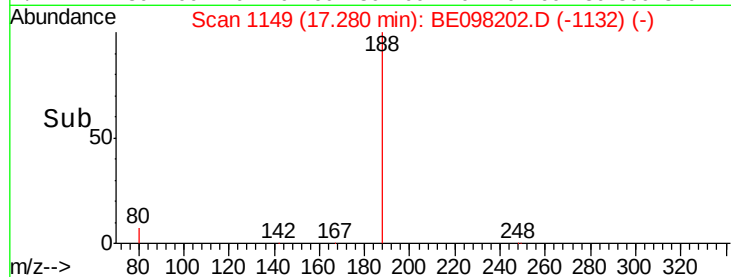
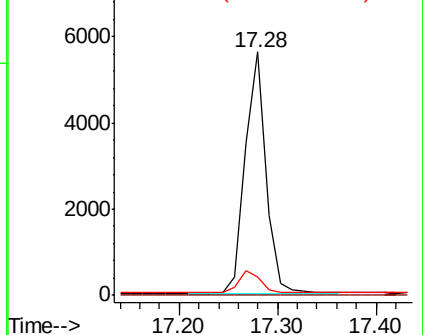
80 7.8 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.384 ng

RT: 16.46 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

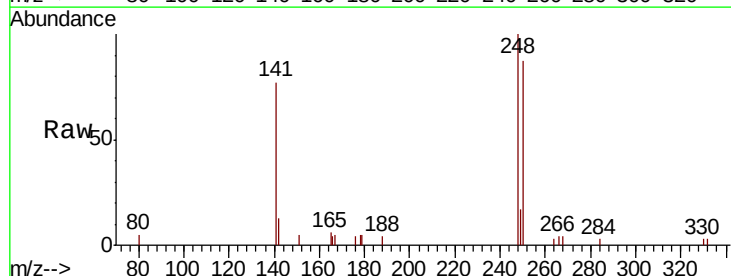
Tgt Ion:248 Resp: 1910

Ion Ratio Lower Upper

248 100

250 87.4 77.6 116.4

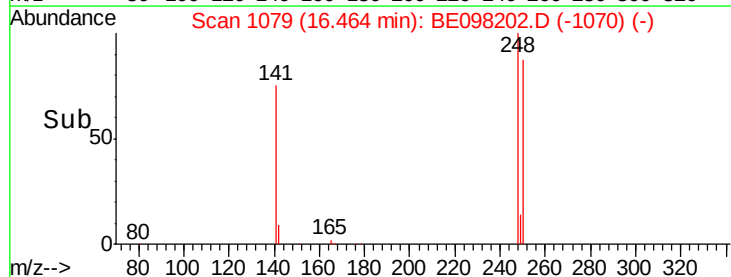
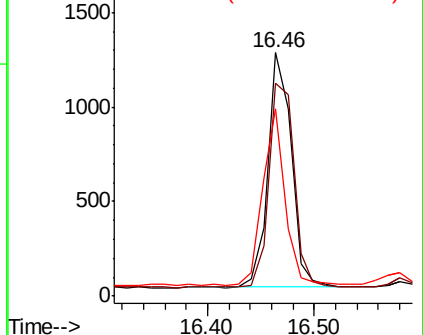
141 77.0 65.8 98.8

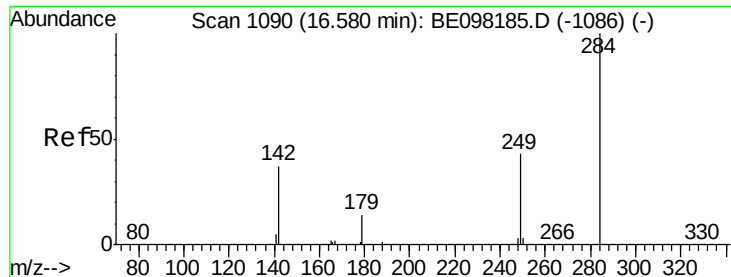


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

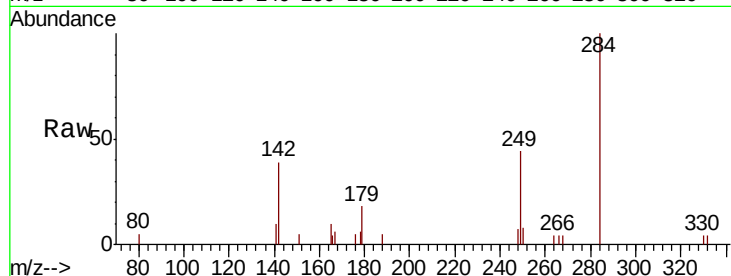




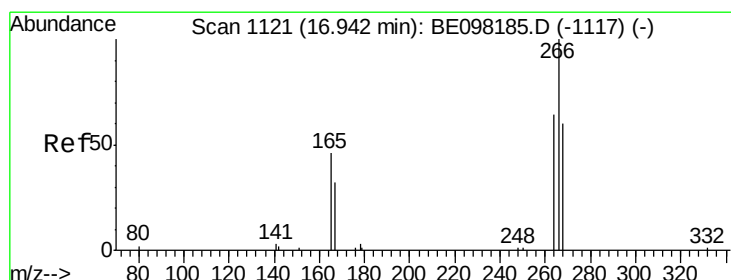
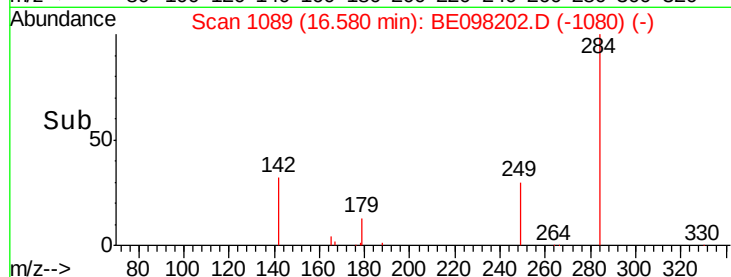
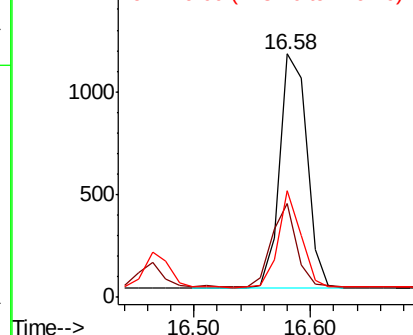
#21
Hexachlorobenzene
Concen: 0.355 ng
RT: 16.58 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE098202.D
Acq: 12 Nov 2018 23:08

Instrument :
BNA_E
ClientSampleId :
OLDMANS-1

Tgt Ion: 284 Resp: 1835
Ion Ratio Lower Upper
284 100
142 32.6 26.5 39.7
249 34.5 28.4 42.6

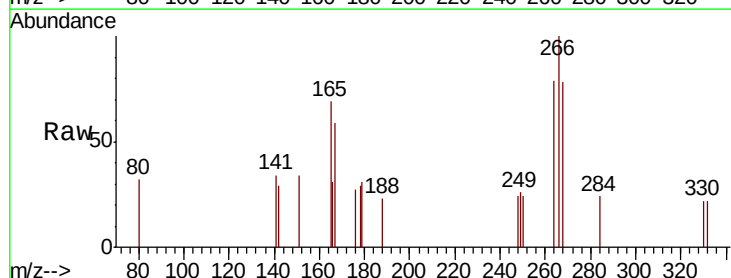


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

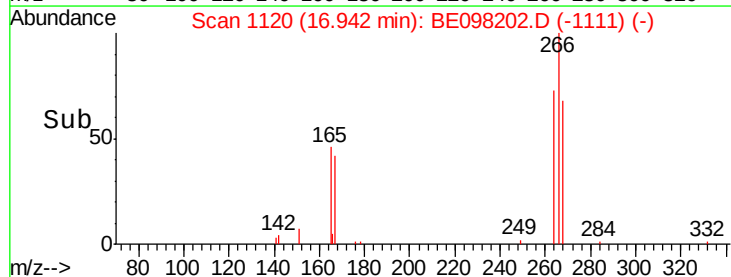
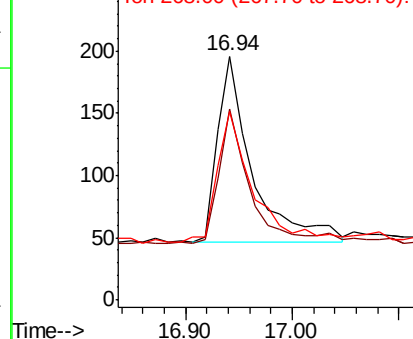


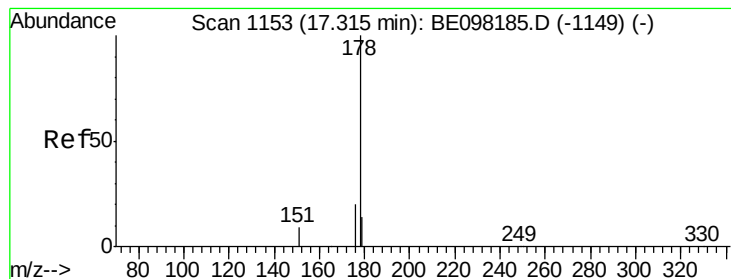
#22
Pentachlorophenol
Concen: 0.369 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098202.D
Acq: 12 Nov 2018 23:08

Tgt Ion: 266 Resp: 334
Ion Ratio Lower Upper
266 100
264 78.6 57.6 86.4
268 77.6 56.8 85.2



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.455 ng

RT: 17.31 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

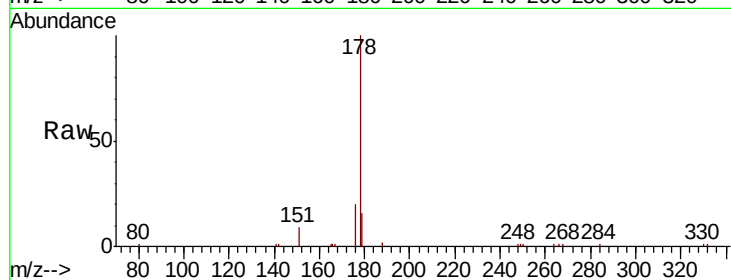
Tgt Ion:178 Resp: 9250

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

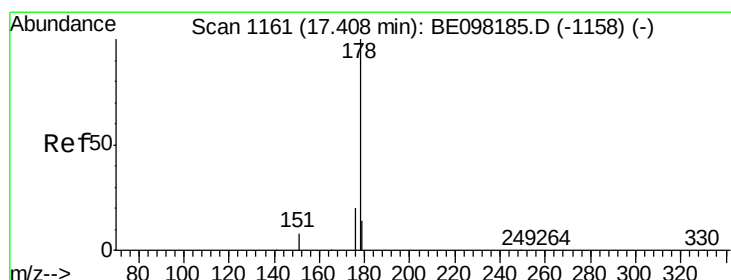
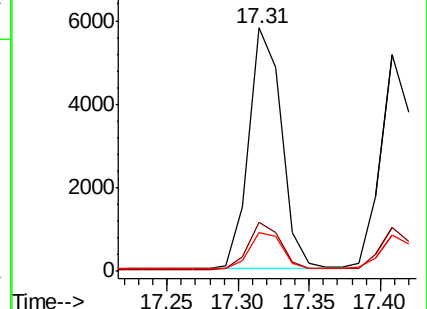
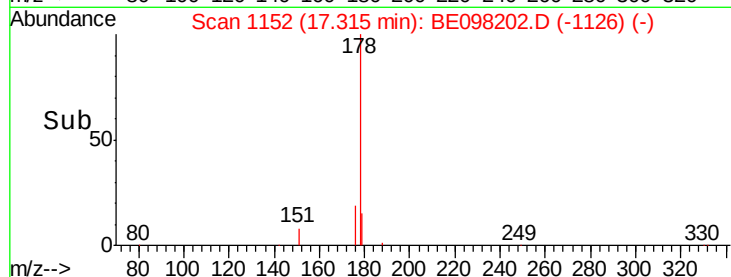
179 16.0 12.3 18.5



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



#24

Anthracene

Concen: 0.430 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

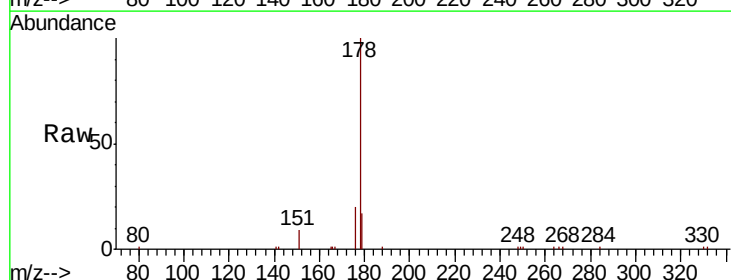
Tgt Ion:178 Resp: 8140

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

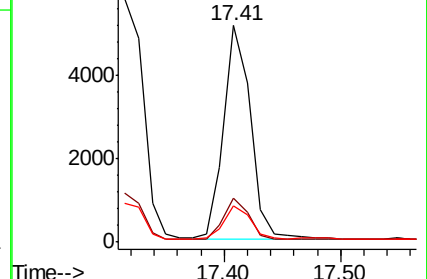
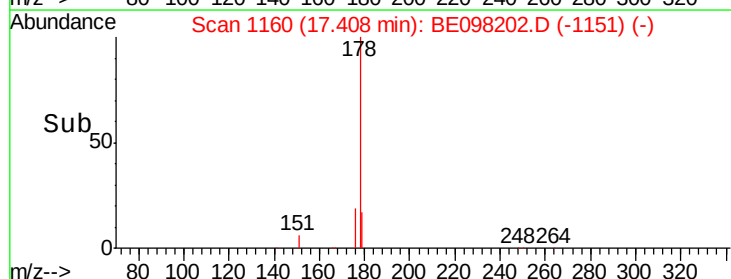
179 15.0 12.1 18.1

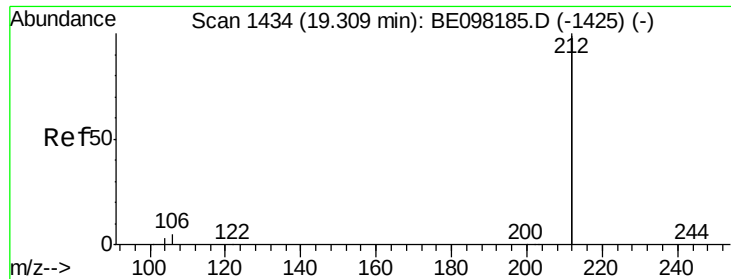


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

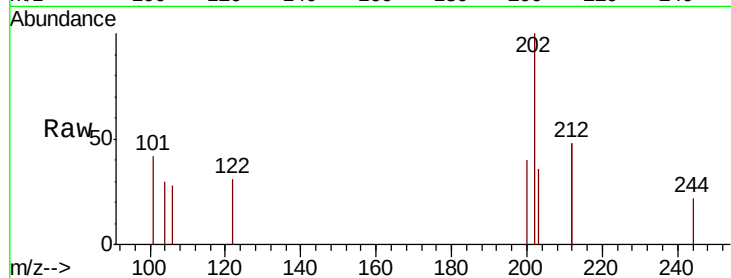




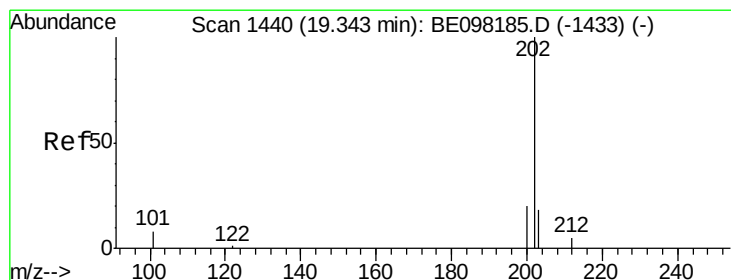
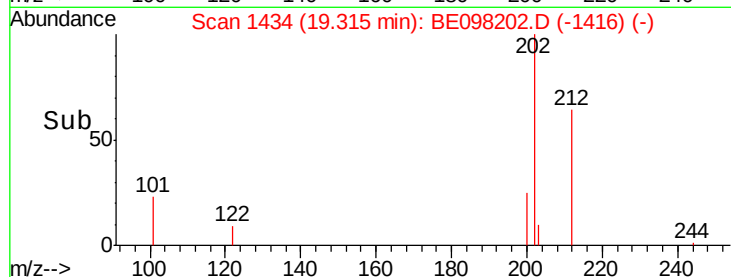
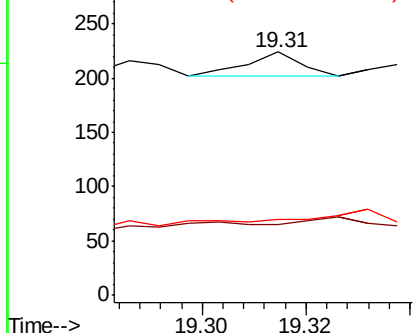
#25
 Fluoranthene-d10
 Concen: 0.000 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE098202.D
 Acq: 12 Nov 2018 23:08

Instrument :
 BNA_E
 ClientSampleId :
 OLDMANS-1

Tgt Ion: 212 Resp: 16
 Ion Ratio Lower Upper
 212 100
 106 25.0 1.8 2.8#
 104 0.0 1.1 1.7#

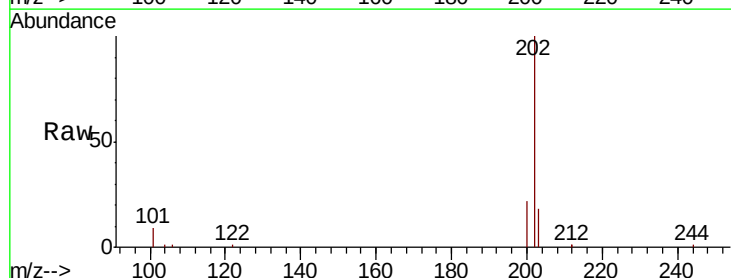


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

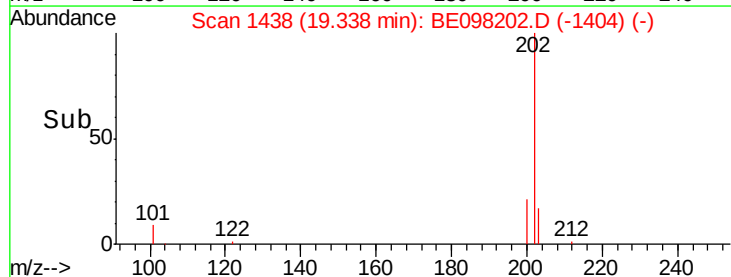
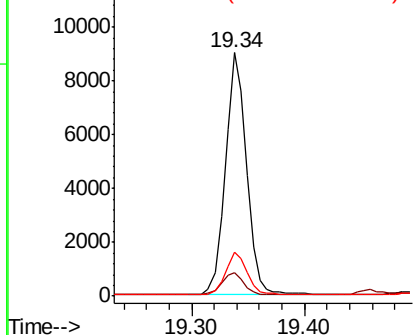


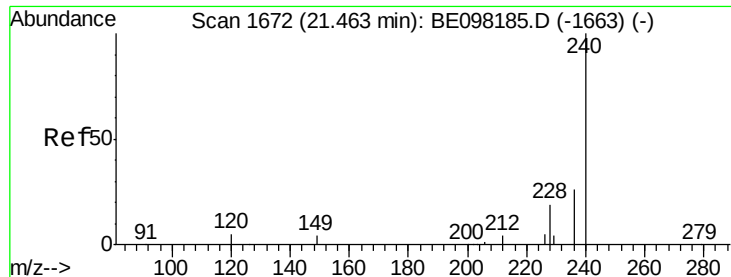
#26
 Fluoranthene
 Concen: 0.467 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BE098202.D
 Acq: 12 Nov 2018 23:08

Tgt Ion: 202 Resp: 11757
 Ion Ratio Lower Upper
 202 100
 101 9.2 7.0 10.6
 203 17.4 13.7 20.5



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

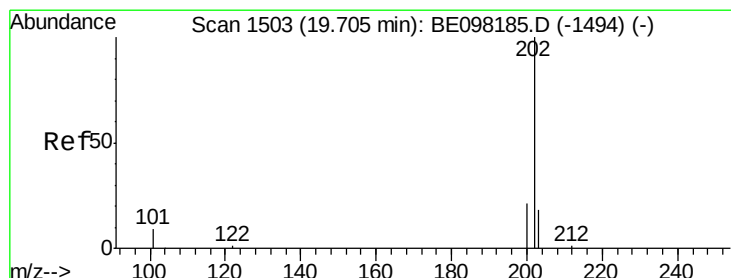
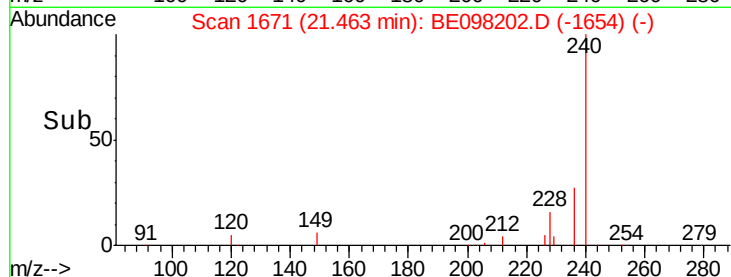
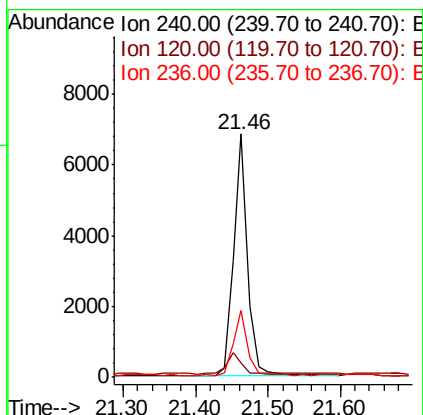
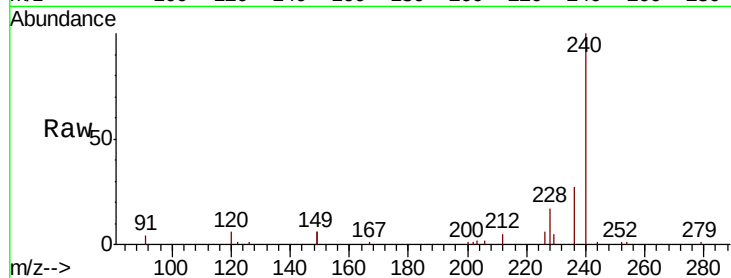




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BE098202.D
 Acq: 12 Nov 2018 23:08

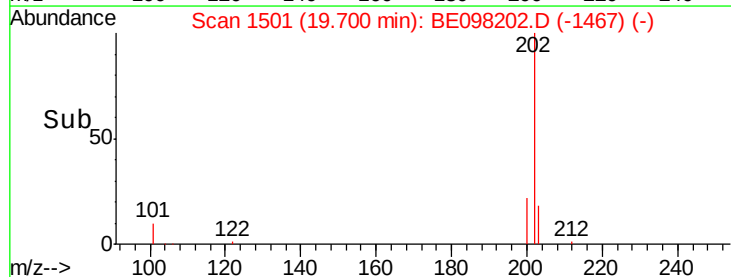
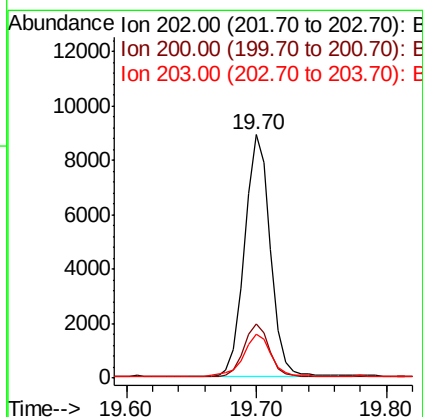
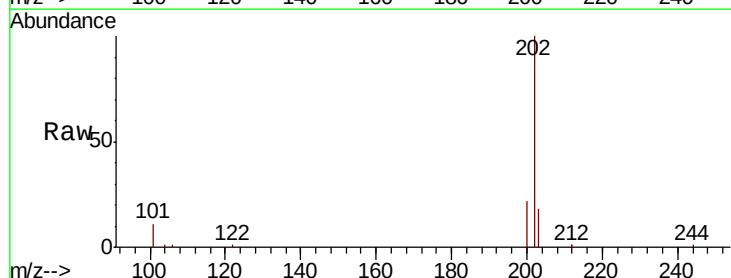
Instrument :
 BNA_E
 ClientSampleId :
 OLDMANS-1

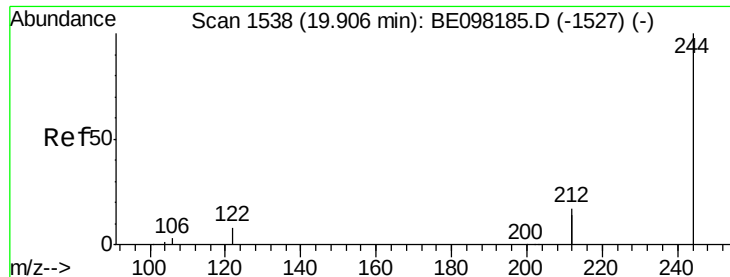
Tgt Ion:240 Resp: 9304
 Ion Ratio Lower Upper
 240 100
 120 6.0 4.8 7.2
 236 27.3 21.4 32.0



#28
 Pyrene
 Concen: 0.478 ng
 RT: 19.70 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BE098202.D
 Acq: 12 Nov 2018 23:08

Tgt Ion:202 Resp: 12235
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.2 25.8
 203 18.5 14.2 21.4





#29

Terphenyl-d14

Concen: 0.005 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

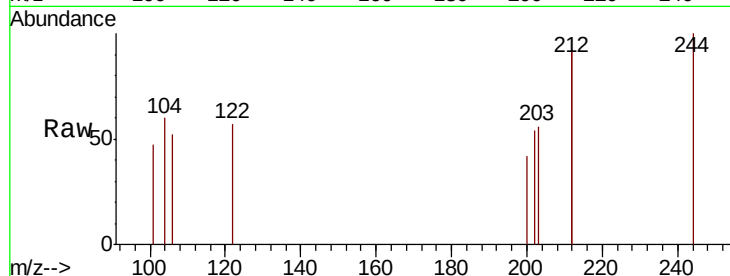
Tgt Ion:244 Resp: 114

Ion Ratio Lower Upper

244 100

212 184.7 26.8 40.2#

122 57.3 7.0 10.6#

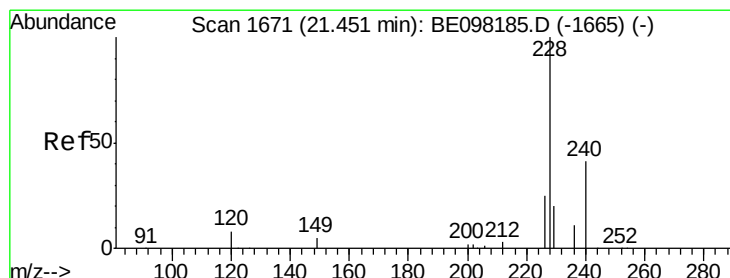
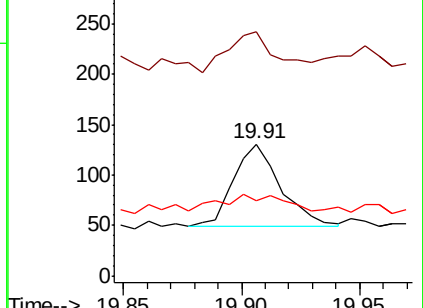
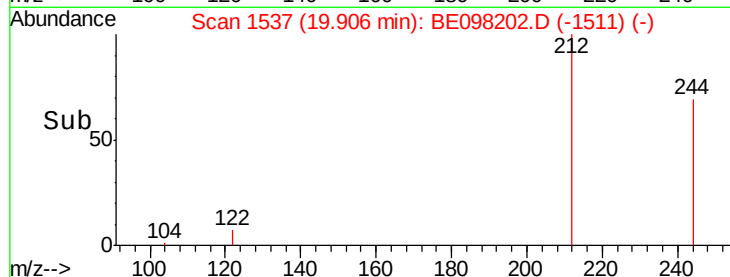


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#30

Benzo(a)anthracene

Concen: 0.455 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

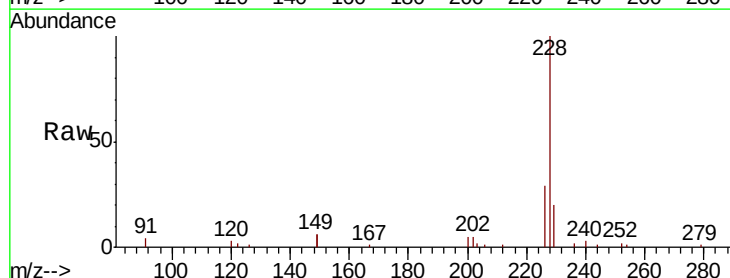
Tgt Ion:228 Resp: 12019

Ion Ratio Lower Upper

228 100

226 28.8 20.7 31.1

229 20.4 16.2 24.4

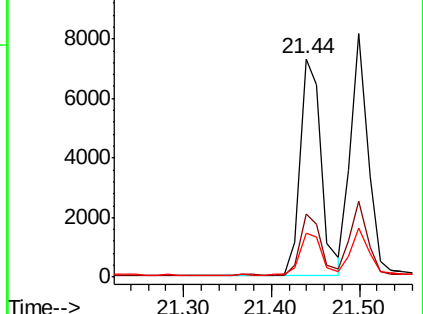
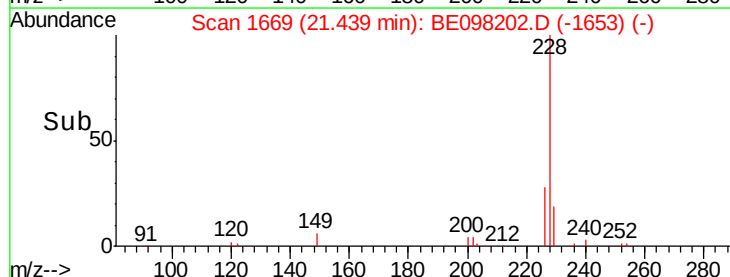


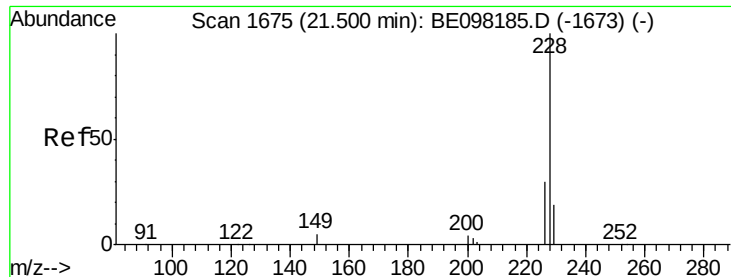
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->





#31

Chrysene

Concen: 0.417 ng

RT: 21.50 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

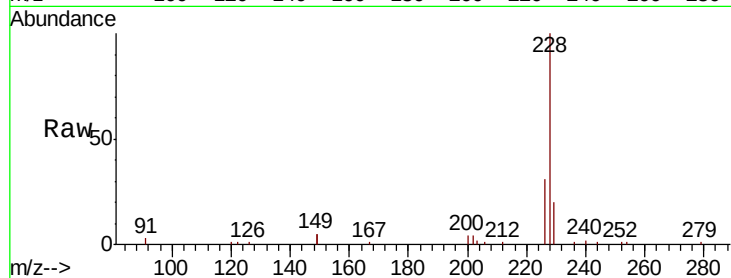
Tgt Ion:228 Resp: 11198

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

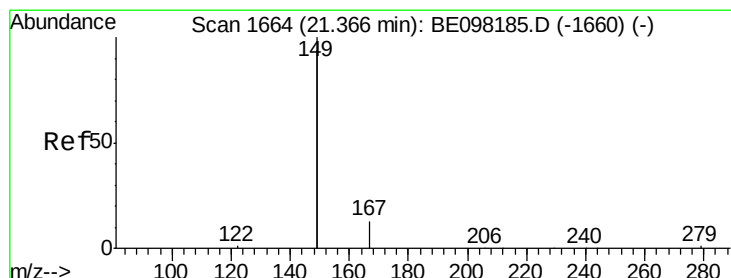
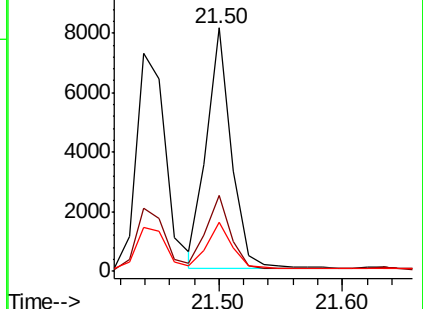
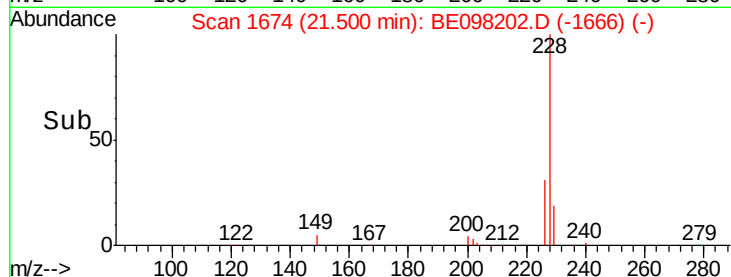
229 19.9 16.0 24.0



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: 0.391 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

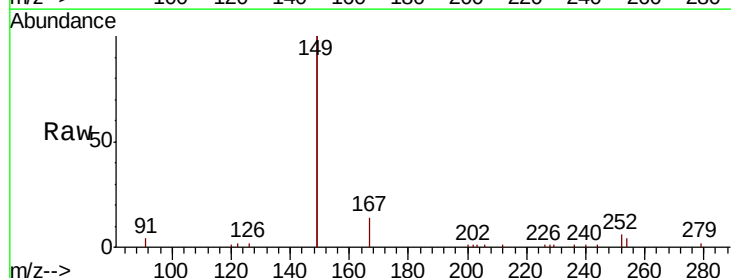
Tgt Ion:149 Resp: 21474

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

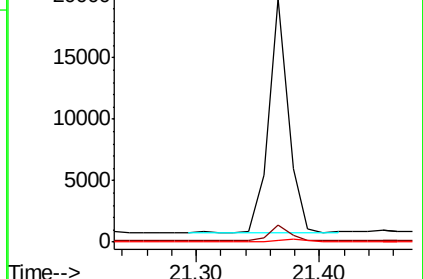
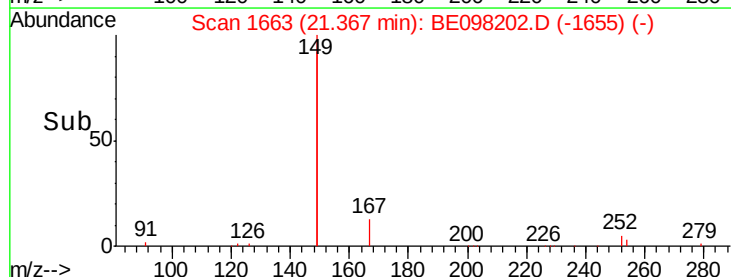
279 1.1 0.9 1.3

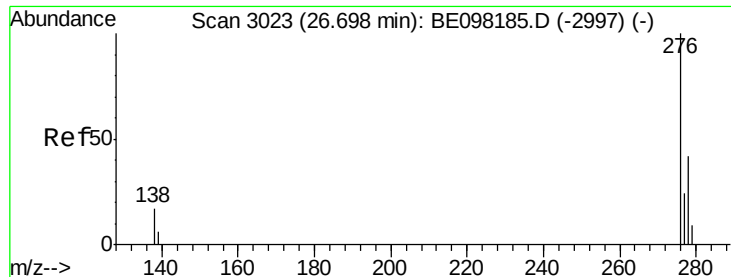


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

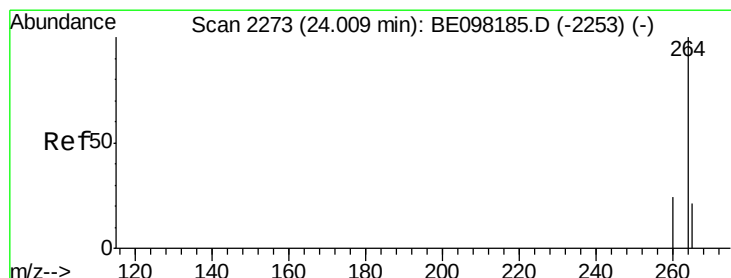
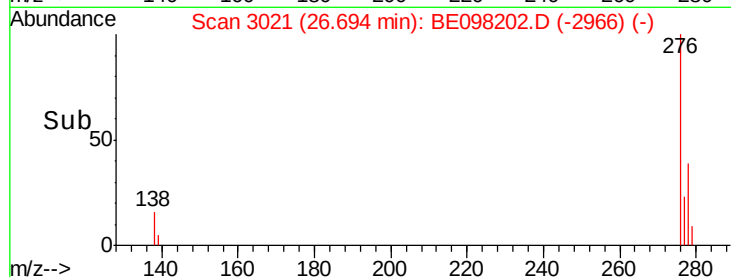
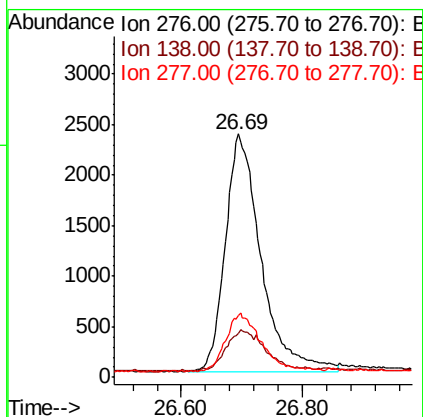
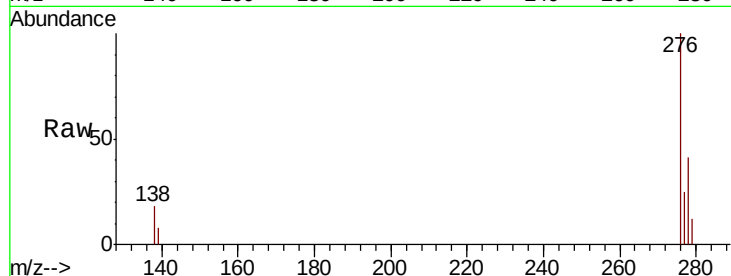




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.388 ng
 RT: 26.69 min Scan# 3021
 Delta R.T. -0.00 min
 Lab File: BE098202.D
 Acq: 12 Nov 2018 23:08

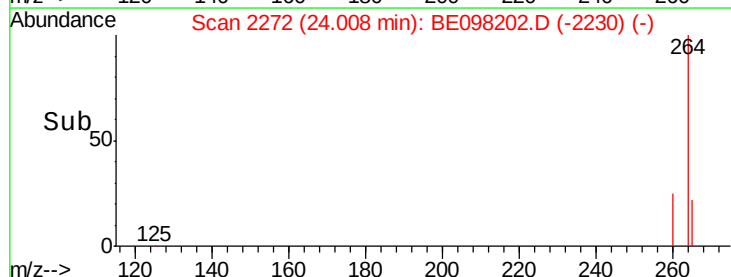
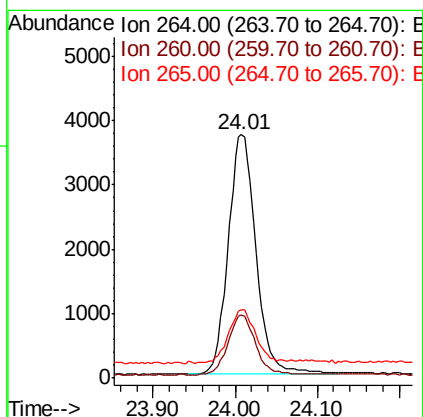
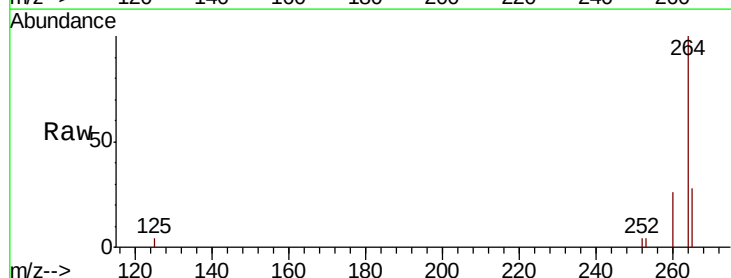
Instrument :
 BNA_E
 ClientSampleId :
 OLDMANS-1

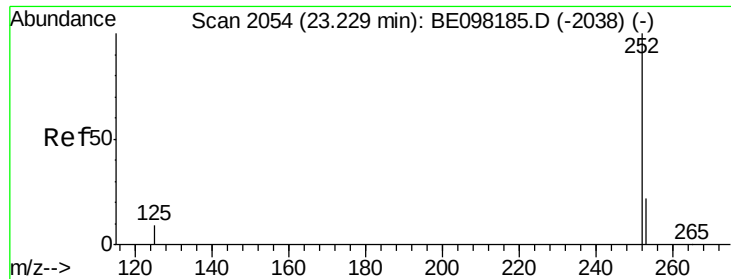
Tgt Ion: 276 Resp: 9555
 Ion Ratio Lower Upper
 276 100
 138 17.2 6.4 9.6#
 277 24.6 18.9 28.3



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BE098202.D
 Acq: 12 Nov 2018 23:08

Tgt Ion: 264 Resp: 8769
 Ion Ratio Lower Upper
 264 100
 260 25.9 19.9 29.9
 265 27.8 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.412 ng

RT: 23.27 min Scan# 2066

Delta R.T. 0.04 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

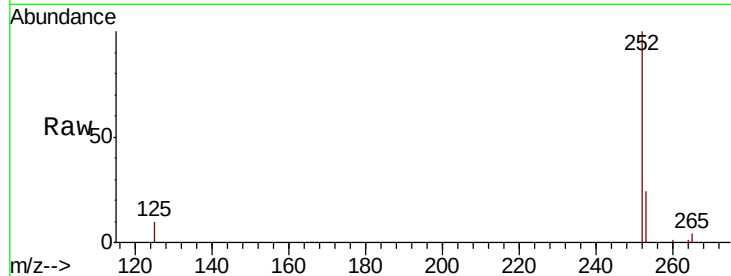
Tgt Ion:252 Resp: 10253

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.0

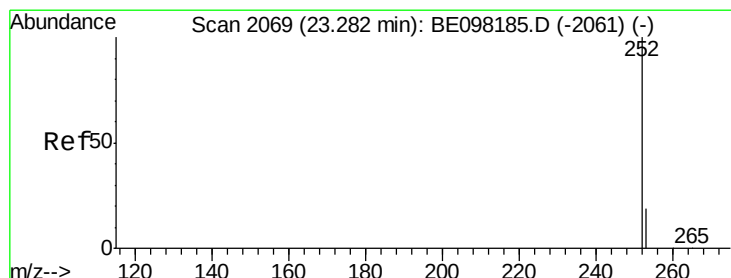
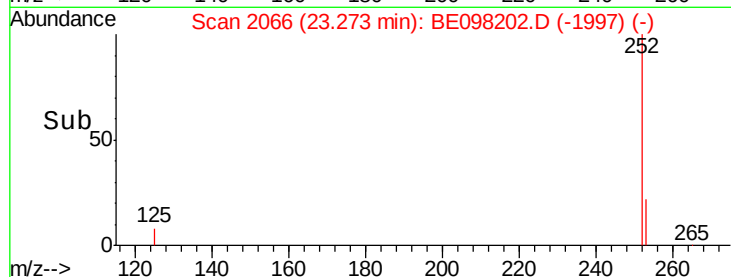
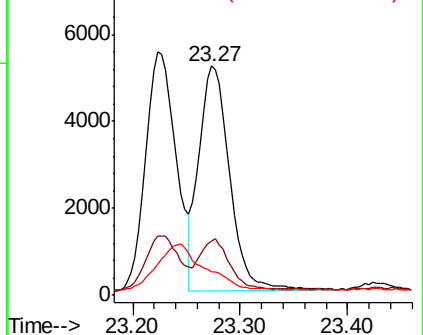
125 10.4 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.397 ng

RT: 23.27 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

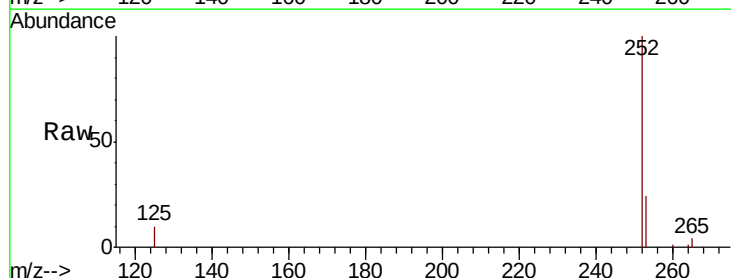
Tgt Ion:252 Resp: 10416

Ion Ratio Lower Upper

252 100

253 23.9 18.6 28.0

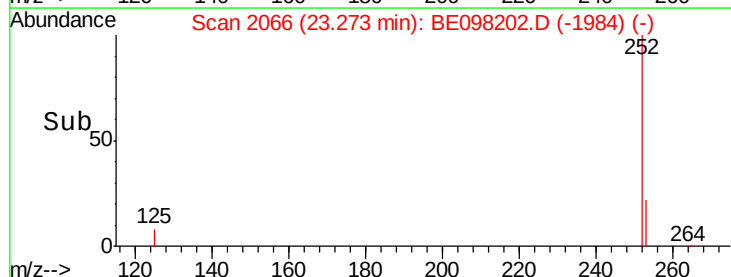
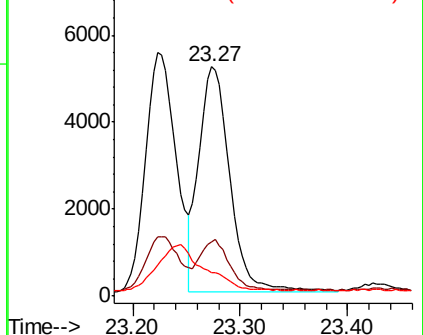
125 10.4 7.4 11.0

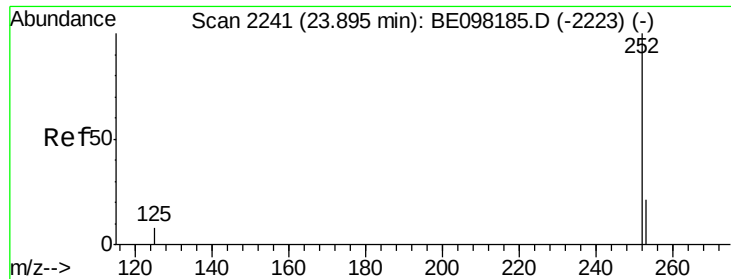


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.421 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

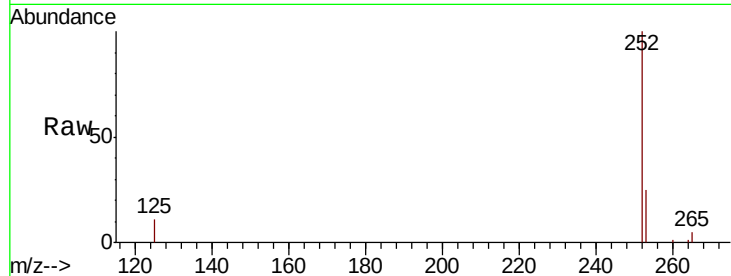
Tgt Ion:252 Resp: 10036

Ion Ratio Lower Upper

252 100

253 24.7 18.6 27.8

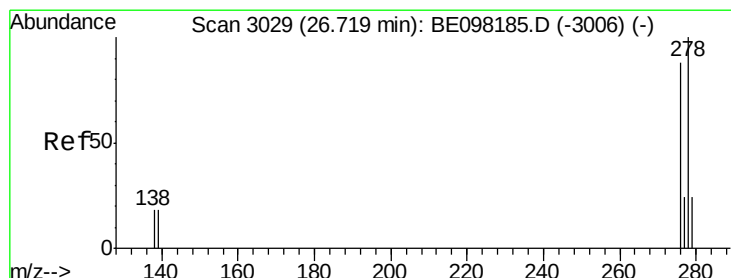
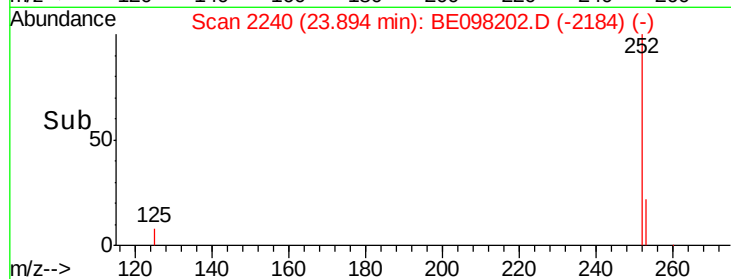
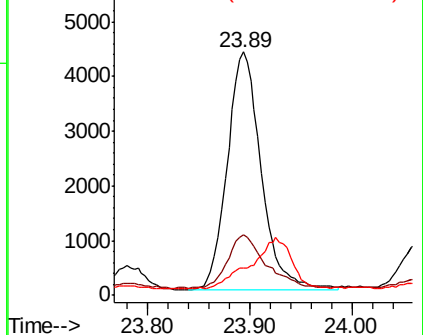
125 11.0 8.0 12.0



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: 0.363 ng

RT: 26.72 min Scan# 3029

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

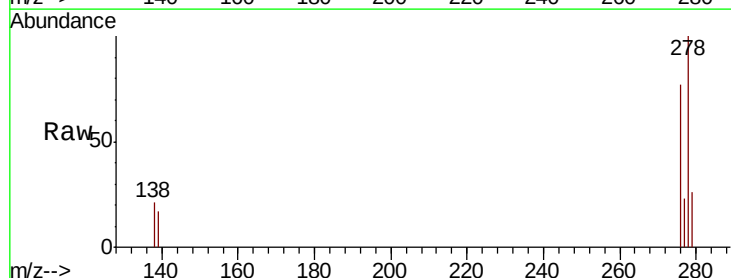
Tgt Ion:278 Resp: 7371

Ion Ratio Lower Upper

278 100

139 16.8 16.4 24.6

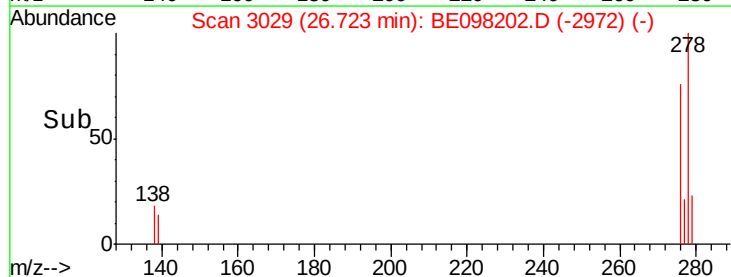
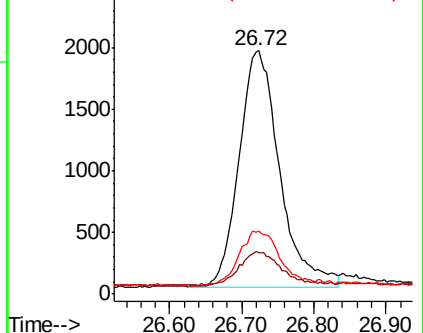
279 25.8 21.3 31.9

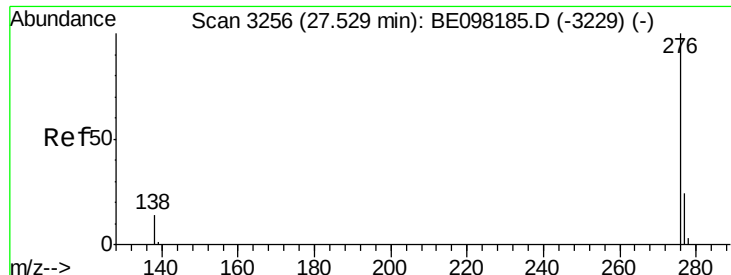


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.367 ng

RT: 27.53 min Scan# 3255

Delta R.T. 0.00 min

Lab File: BE098202.D

Acq: 12 Nov 2018 23:08

Instrument :

BNA_E

ClientSampleId :

OLDMANS-1

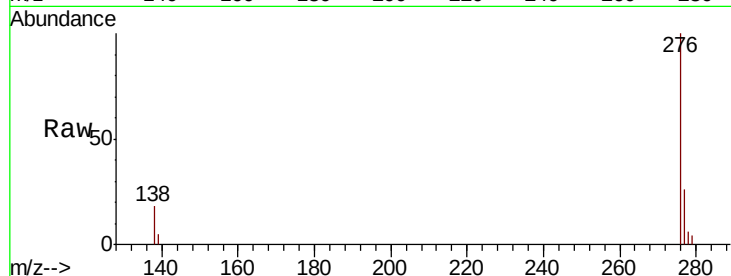
Tgt Ion: 276 Resp: 7795

Ion Ratio Lower Upper

276 100

277 25.8 20.4 30.6

138 18.4 13.2 19.8



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

