

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
 Data File : BE098240.D
 Acq On : 16 Nov 2018 21:36
 Operator : SJ/JU
 Sample : J5931-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-181112

Quant Time: Nov 16 22:53:48 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111618.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 16 19:05:33 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1260	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	6261	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4288	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9756	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10824	0.40	ng	0.00
34) Perylene-d12	24.01	264	10461	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.46	112	681	0.20	ng	0.00
5) Phenol-d6	7.04	99	565	0.11	ng	0.00
8) Nitrobenzene-d5	9.02	82	2507	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	4407	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	868	0.63	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	10581	0.57	ng	0.00
25) Fluoranthene-d10	19.31	212	53135	0.45	ng	0.00
29) Terphenyl-d14	19.91	244	12035	0.48	ng	0.00

Target Compounds

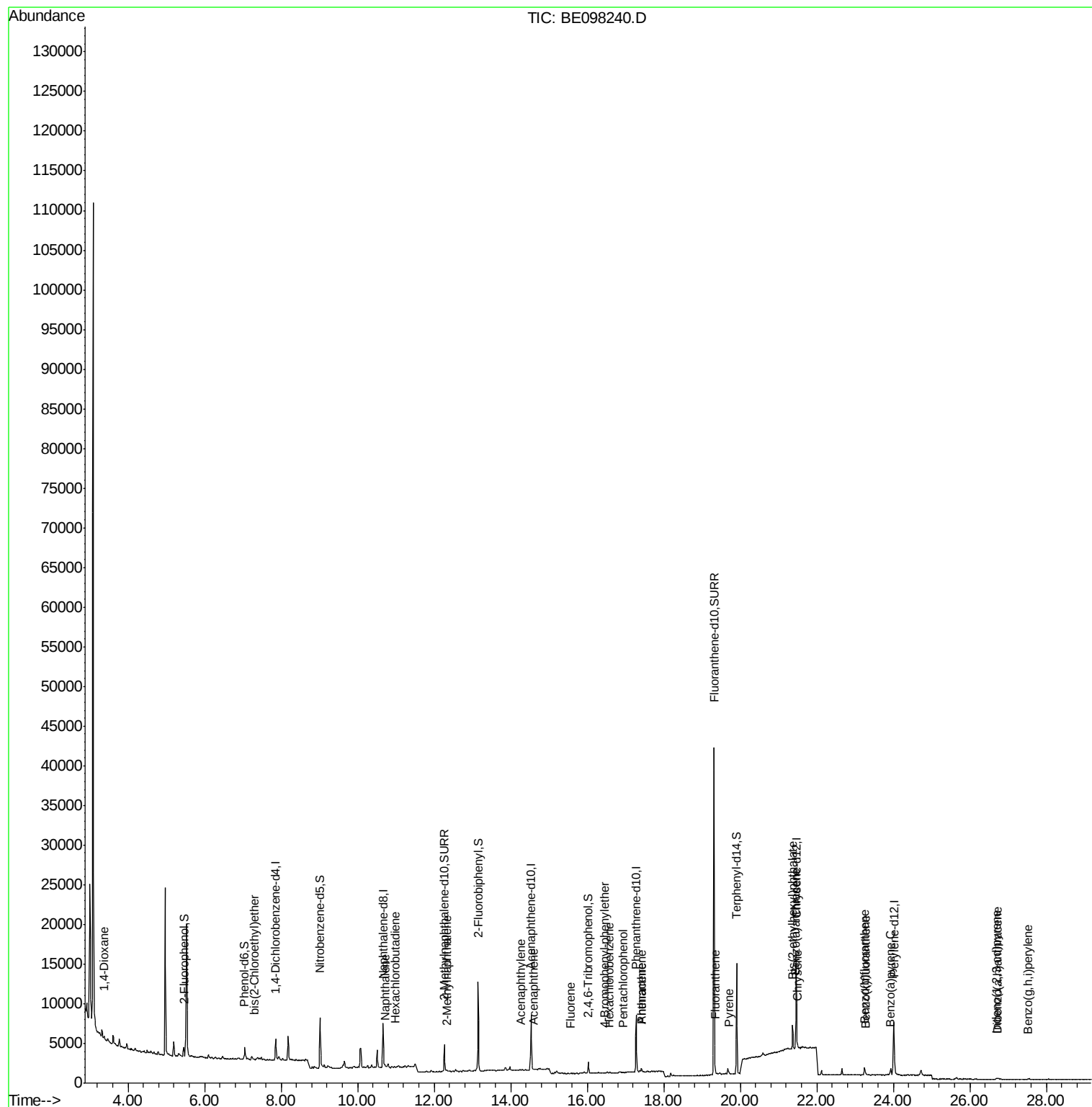
						Qvalue
2) 1,4-Dioxane	3.37	88	221	0.112	ng	# 66
6) bis(2-Chloroethyl)ether	7.30	93	33	0.007	ng	# 1
9) Naphthalene	10.72	128	361	0.006	ng	# 63
10) Hexachlorobutadiene	10.99	225	11	0.003	ng	# 5
12) 2-Methylnaphthalene	12.34	142	56	0.005	ng	# 60
16) Acenaphthylene	14.25	152	99	0.005	ng	# 37
17) Acenaphthene	14.60	154	37	0.003	ng	# 21
18) Fluorene	15.57	166	67	0.004	ng	# 81
20) 4-Bromophenyl-phenylether	16.46	248	13	0.002	ng	# 42
21) Hexachlorobenzene	16.58	284	43	0.007	ng	# 50
22) Pentachlorophenol	16.94	266	27	0.122	ng	# 69
23) Phenanthrene	17.41	178	652	0.026	ng	99
24) Anthracene	17.41	178	630	0.028	ng	97
26) Fluoranthene	19.34	202	248	0.008	ng	# 70
28) Pyrene	19.70	202	309	0.010	ng	# 85
30) Benzo(a)anthracene	21.45	228	289	0.009	ng	# 34
31) Chrysene	21.50	228	195	0.006	ng	# 18
32) Bis(2-ethylhexyl)phthalate	21.37	149	3896	0.080	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.70	276	154	0.006	ng	# 88
35) Benzo(b)fluoranthene	23.24	252	329	0.011	ng	# 1
36) Benzo(k)fluoranthene	23.28	252	152	0.005	ng	# 1
37) Benzo(a)pyrene	23.91	252	183	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	26.73	278	103	0.004	ng	# 1
39) Benzo(g,h,i)perylene	27.53	276	63	0.003	ng	# 1

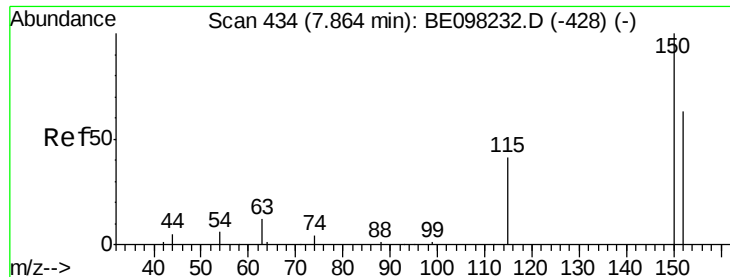
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

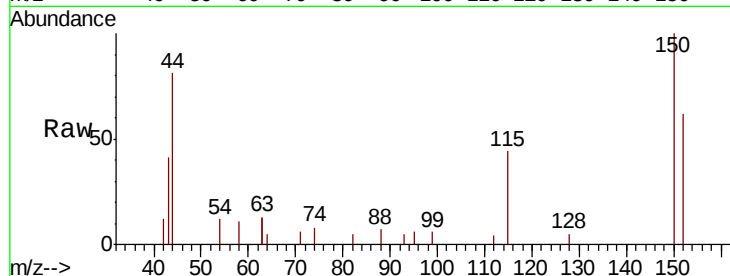
Tgt Ion: 152 Resp: 1260

Ion Ratio Lower Upper

152 100

150 161.3 127.5 191.3

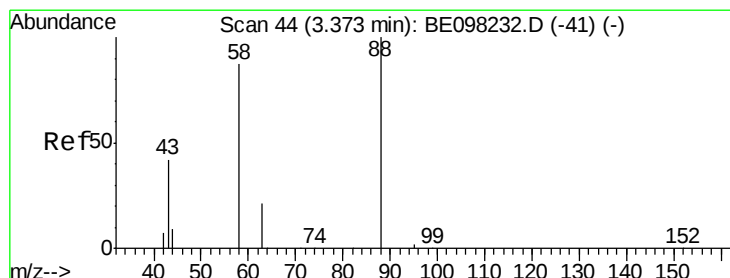
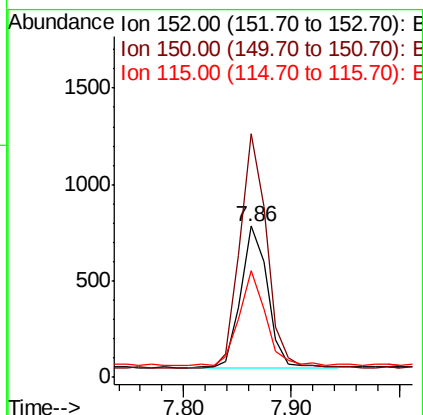
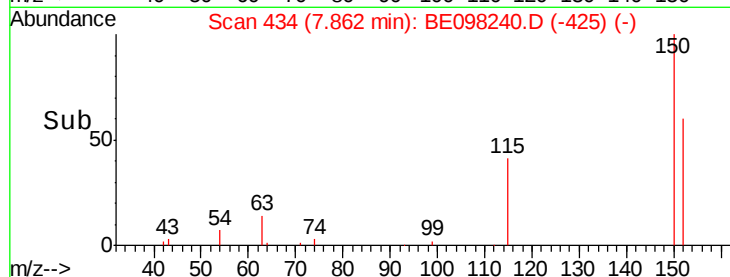
115 70.8 60.3 90.5



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: 0.112 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

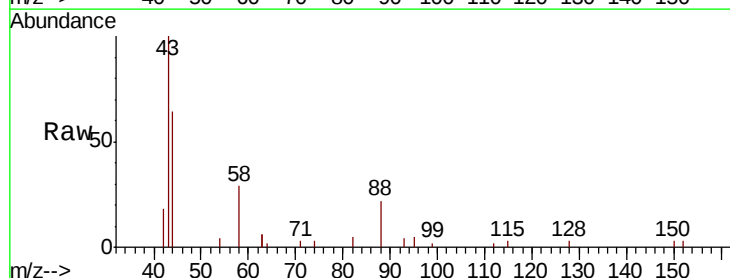
Tgt Ion: 88 Resp: 221

Ion Ratio Lower Upper

88 100

58 83.3 79.0 118.4

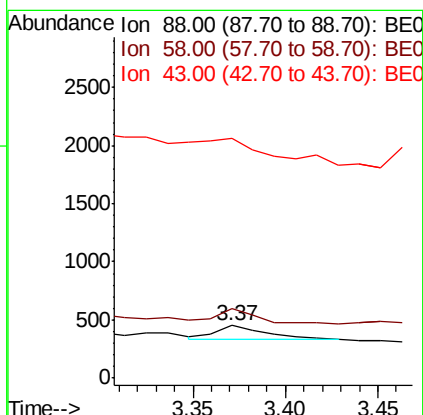
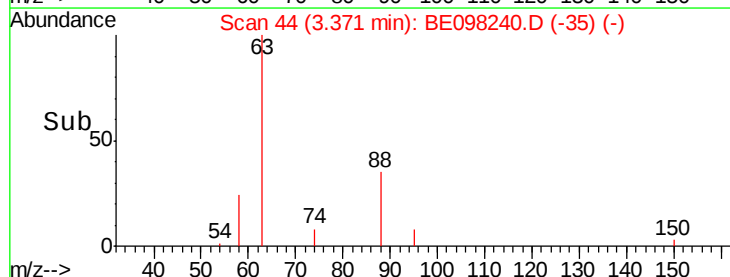
43 0.0 38.1 57.1#

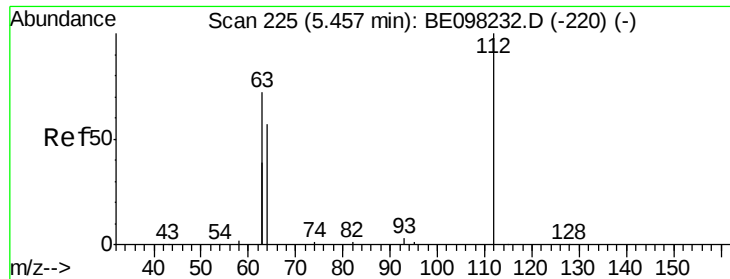


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.202 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

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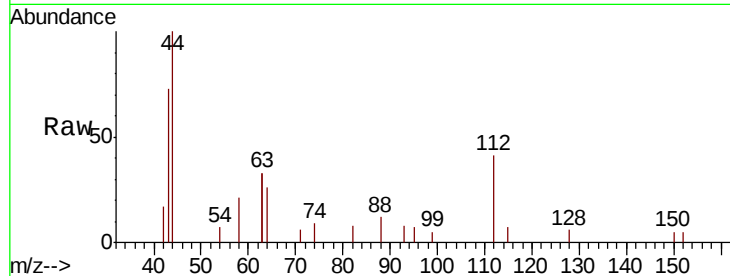
Tgt Ion: 112 Resp: 681

Ion Ratio Lower Upper

112 100

64 78.0 61.7 92.5

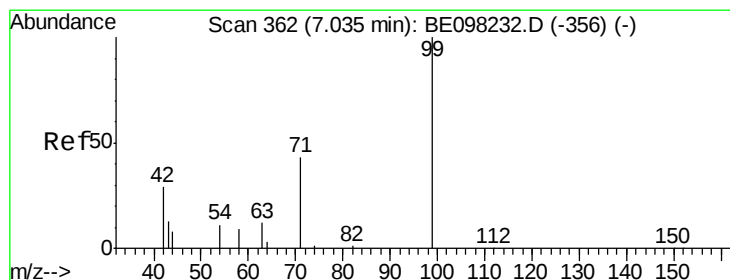
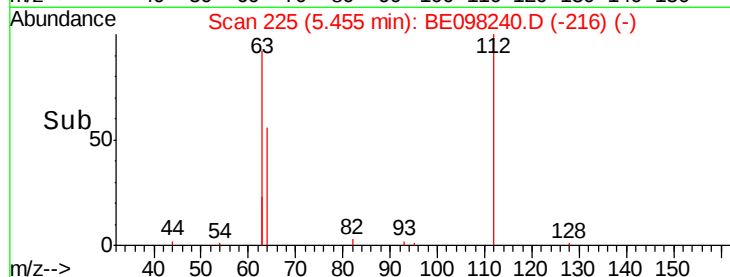
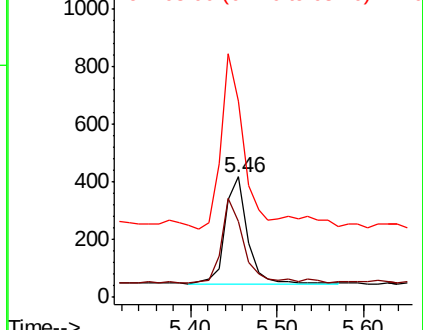
63 160.5 136.2 204.2



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: 0.106 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

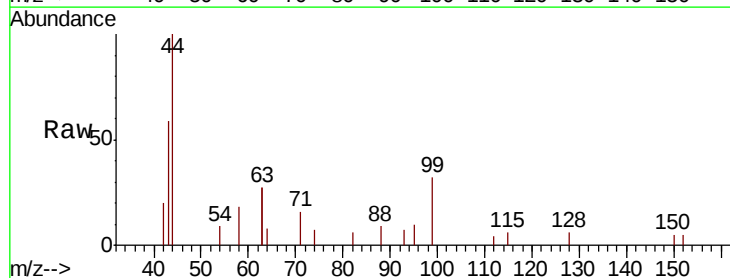
Tgt Ion: 99 Resp: 565

Ion Ratio Lower Upper

99 100

42 47.4 27.1 40.7#

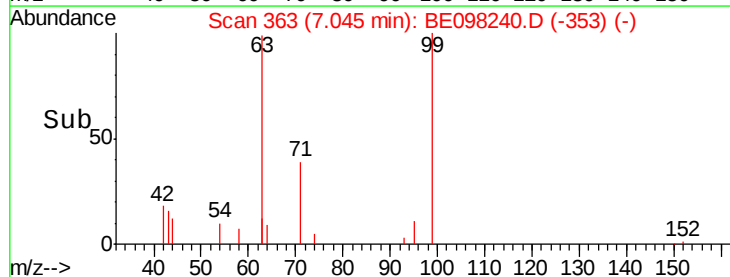
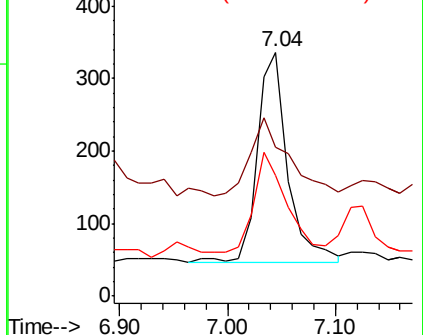
71 51.7 37.0 55.6

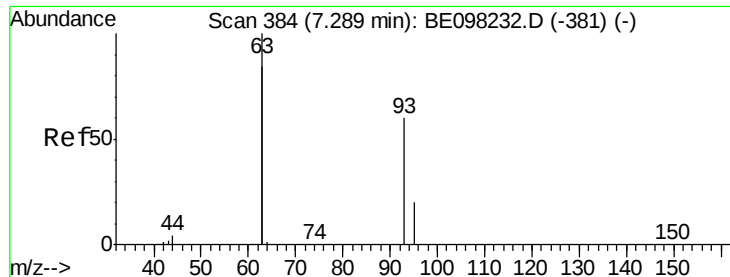


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.007 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

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KY038PS035-181112

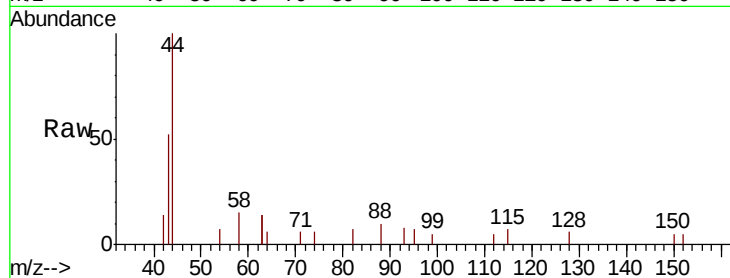
Tgt Ion: 93 Resp: 33

Ion Ratio Lower Upper

93 100

63 0.0 272.6 409.0#

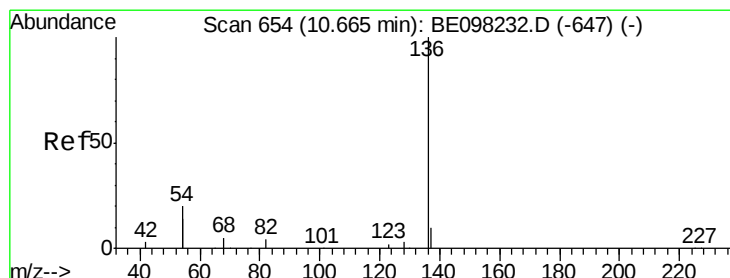
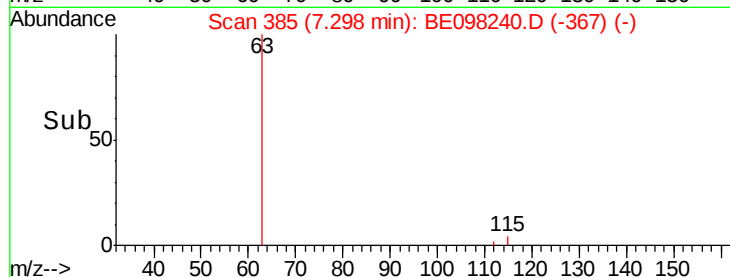
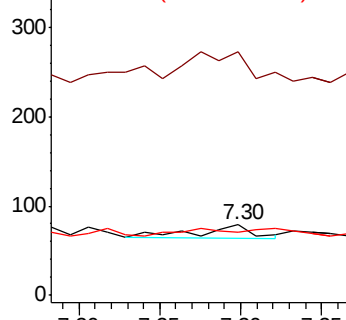
95 0.0 27.1 40.7#



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: BE098240.D

Acq: 16 Nov 2018 21:36

Tgt Ion: 136 Resp: 6261

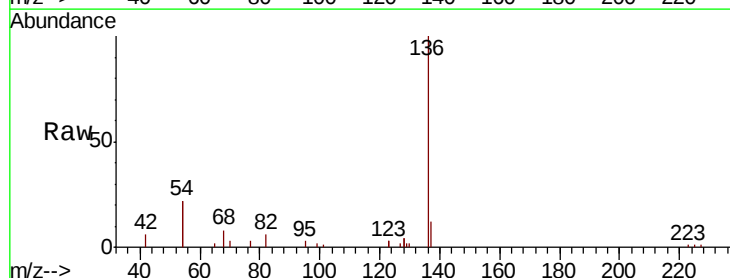
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 44.2 31.3 46.9

68 7.5 4.8 7.2#

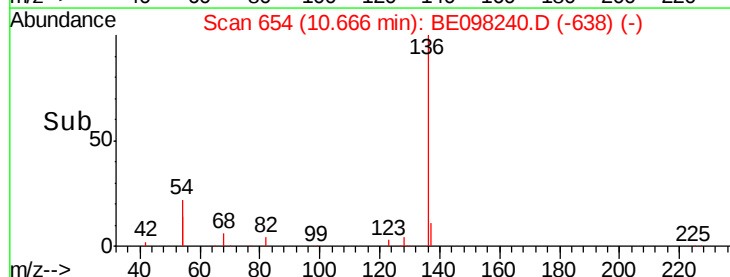
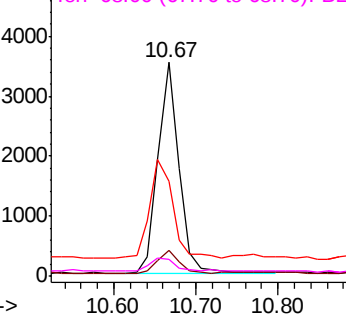


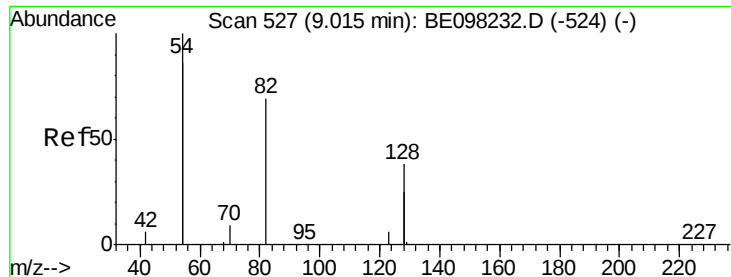
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.424 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

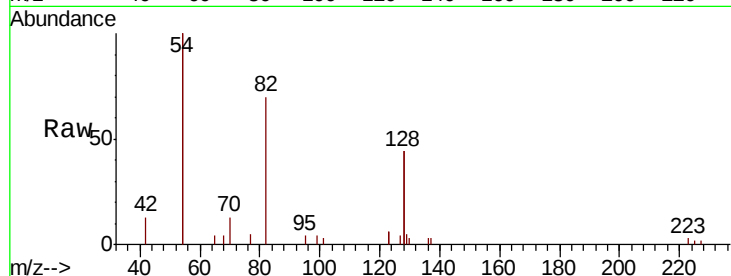
Tgt Ion: 82 Resp: 2507

Ion Ratio Lower Upper

82 100

128 126.6 96.1 144.1

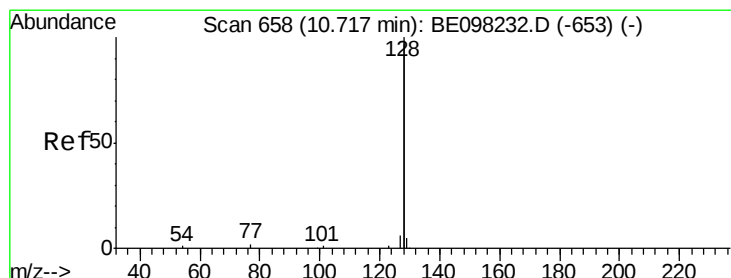
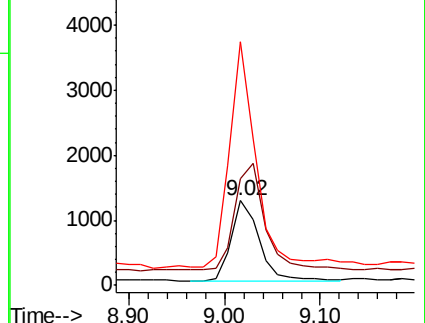
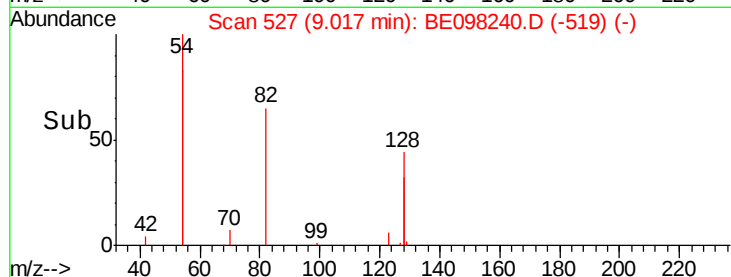
54 287.4 232.0 348.0



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: 0.006 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

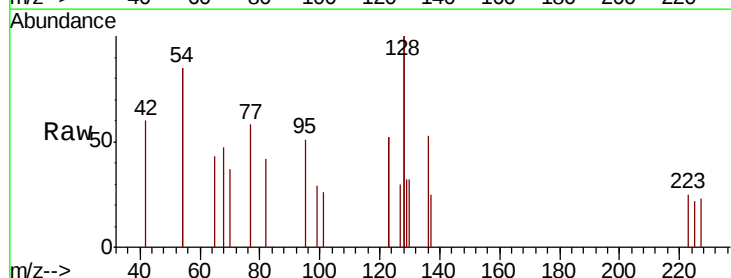
Tgt Ion: 128 Resp: 361

Ion Ratio Lower Upper

128 100

129 16.0 2.6 4.0#

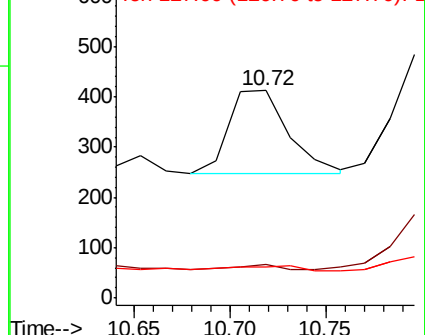
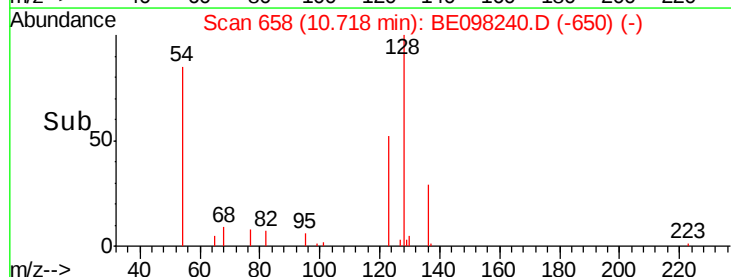
127 15.0 2.8 4.2#

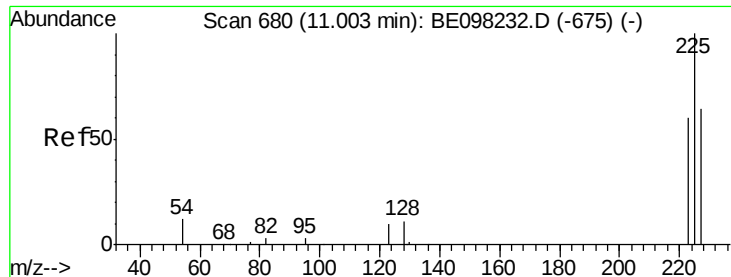


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

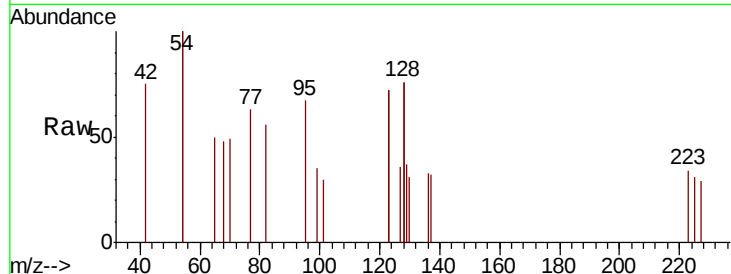




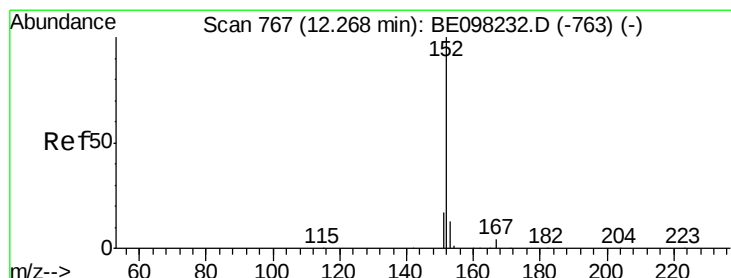
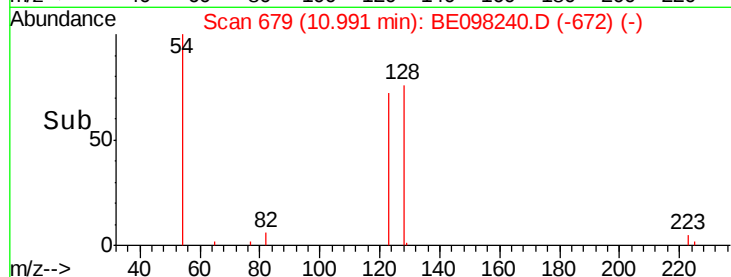
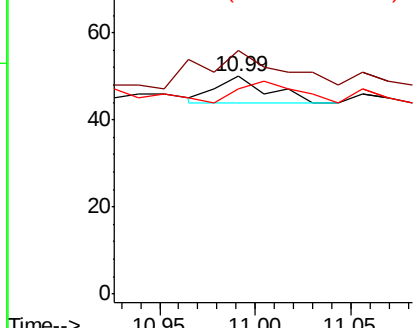
#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Instrument :
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Tgt Ion: 225 Resp: 11
Ion Ratio Lower Upper
225 100
223 181.8 50.5 75.7#
227 90.9 50.3 75.5#

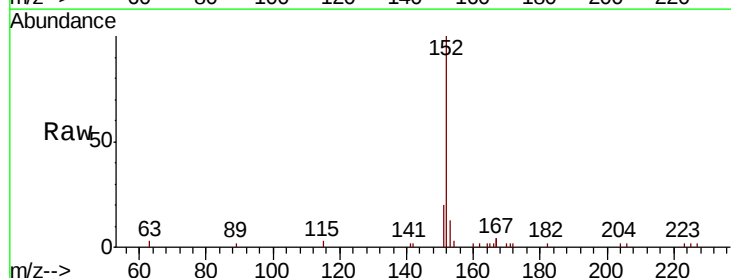


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

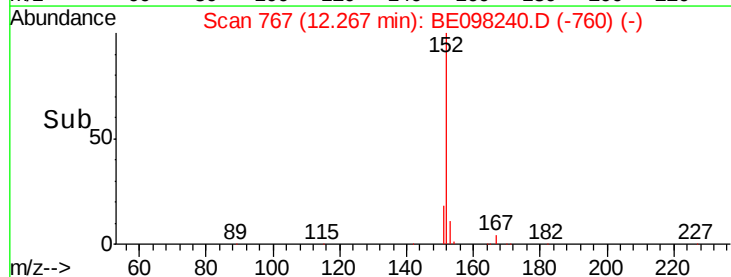
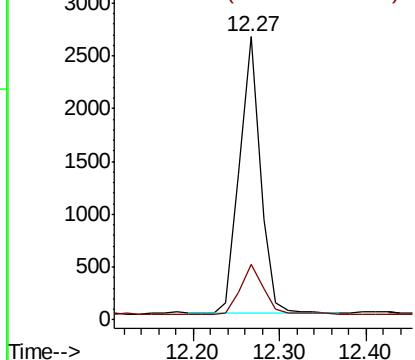


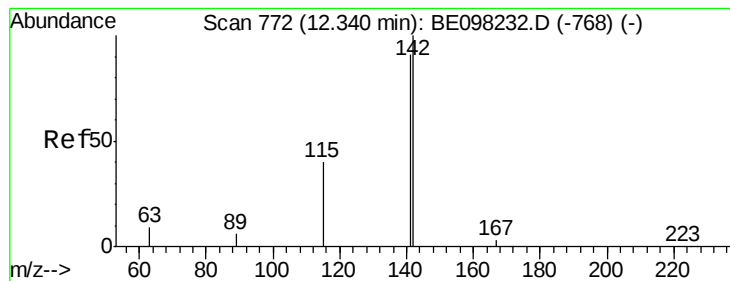
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion: 152 Resp: 4407
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.2



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





#12

2-Methylnaphthalene

Concen: 0.005 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

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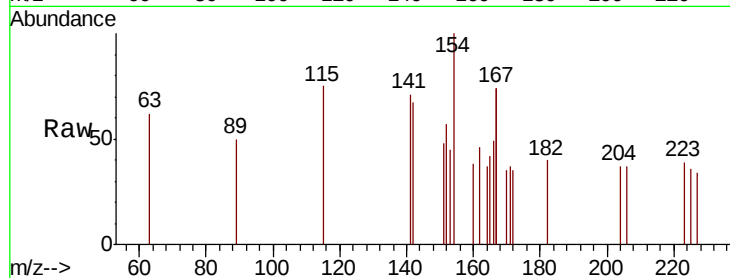
Tgt Ion:142 Resp: 56

Ion Ratio Lower Upper

142 100

141 105.7 76.3 114.5

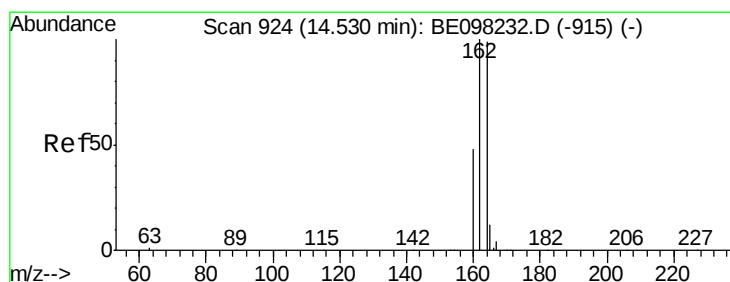
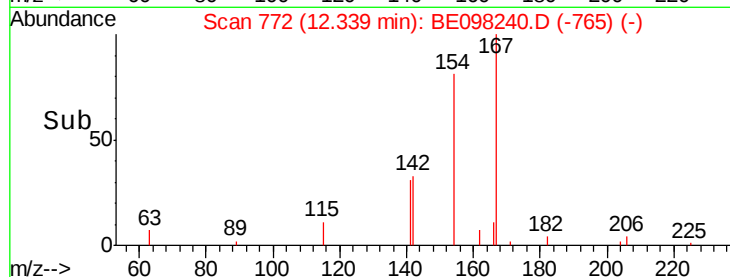
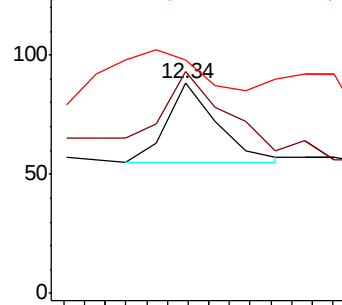
115 111.4 35.8 53.8#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

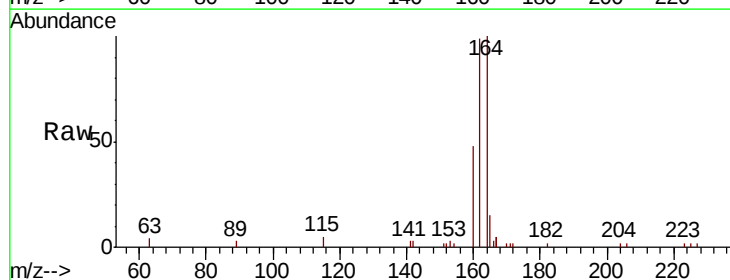
Tgt Ion:164 Resp: 4288

Ion Ratio Lower Upper

164 100

162 99.0 81.8 122.6

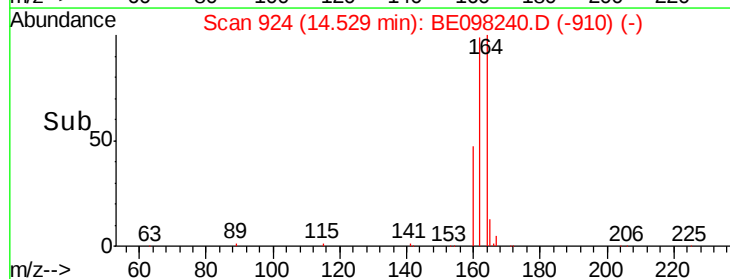
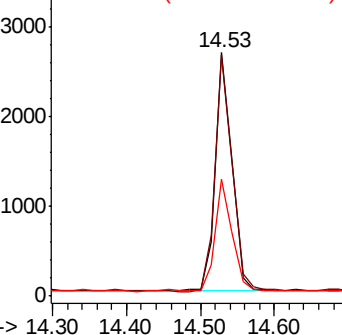
160 48.0 39.4 59.0

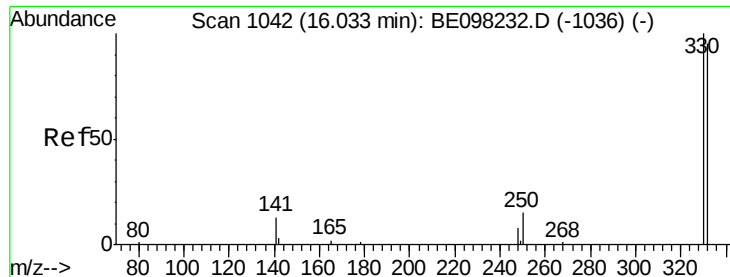


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

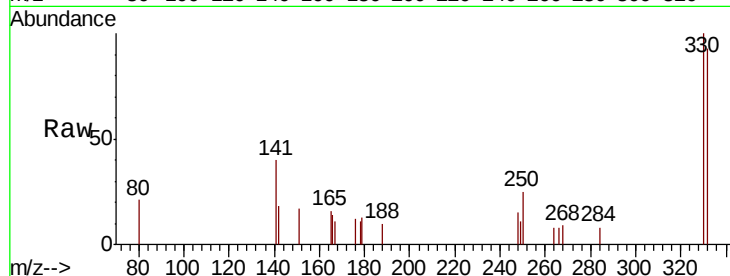




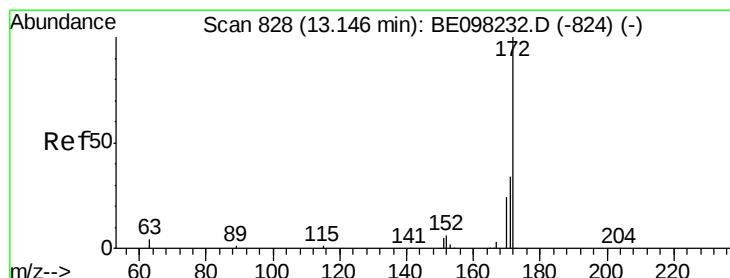
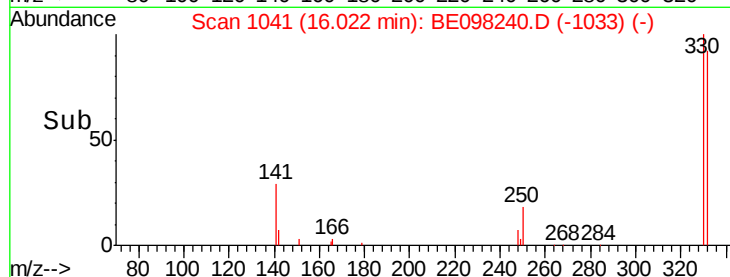
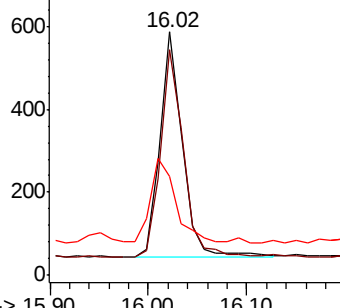
#14
 2,4,6-Tribromophenol
 Concen: 0.628 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE098240.D
 Acq: 16 Nov 2018 21:36

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-181112

Tgt Ion: 330 Resp: 868
 Ion Ratio Lower Upper
 330 100
 332 91.2 77.7 116.5
 141 39.9 33.6 50.4

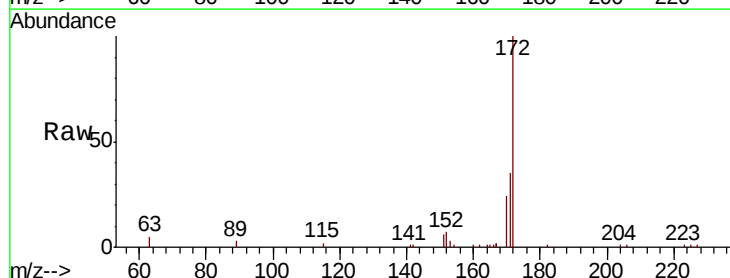


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

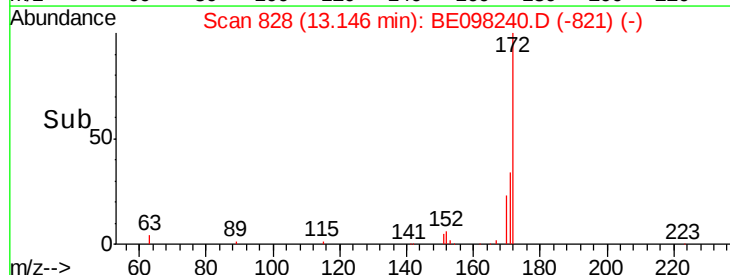
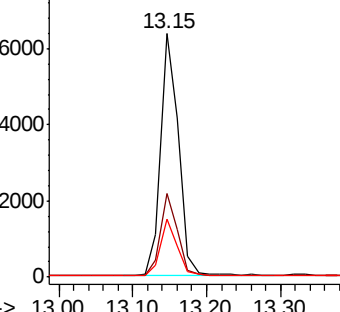


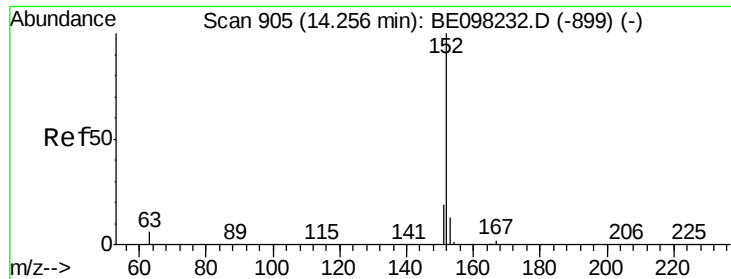
#15
 2-Fluorobiphenyl
 Concen: 0.568 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098240.D
 Acq: 16 Nov 2018 21:36

Tgt Ion: 172 Resp: 10581
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.3 40.9
 170 23.8 19.4 29.0



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: 0.005 ng

RT: 14.25 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

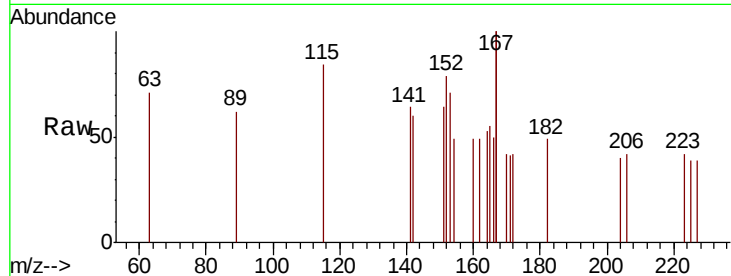
Tgt Ion:152 Resp: 99

Ion Ratio Lower Upper

152 100

151 37.4 16.4 24.6#

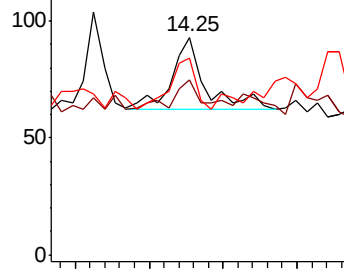
153 54.5 10.6 15.8#



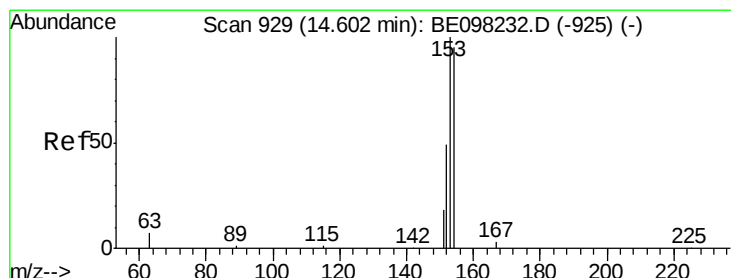
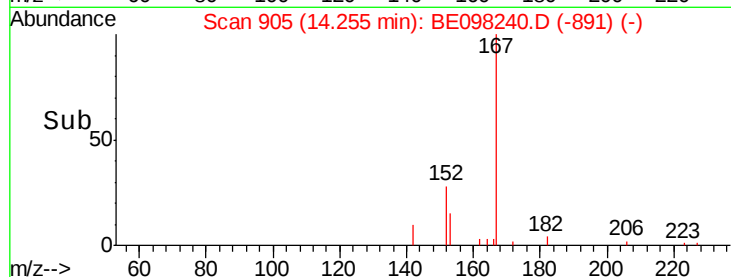
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#17

Acenaphthene

Concen: 0.003 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

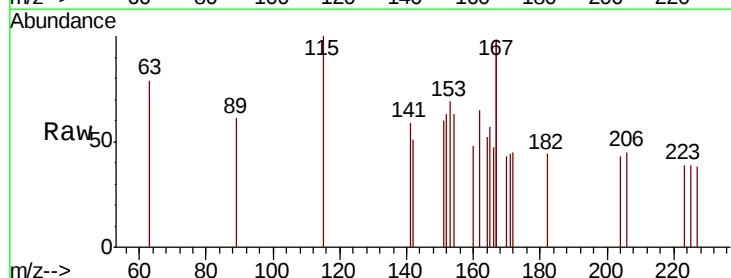
Tgt Ion:154 Resp: 37

Ion Ratio Lower Upper

154 100

153 167.6 92.1 138.1#

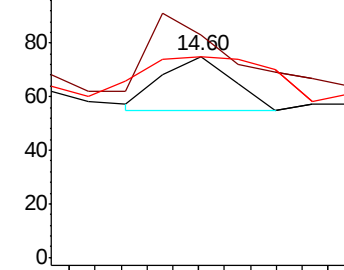
152 162.2 46.2 69.2#



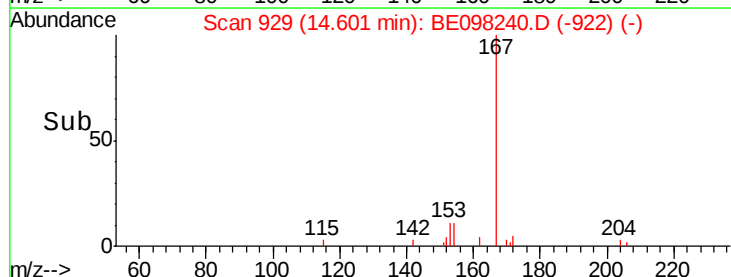
Abundance Ion 154.00 (153.70 to 154.70): E

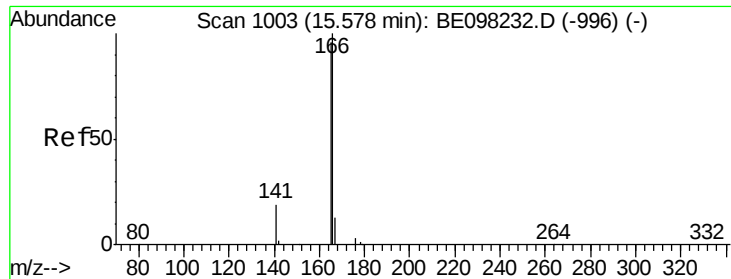
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





#18

Fluorene

Concen: 0.004 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

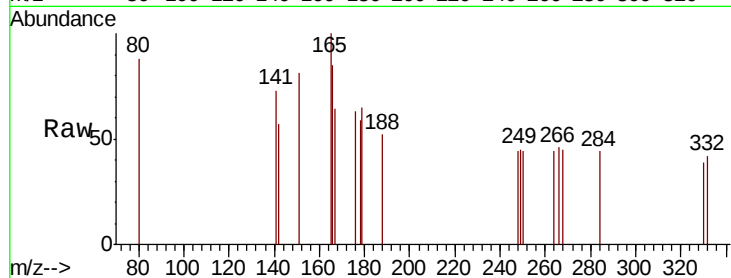
Tgt Ion:166 Resp: 67

Ion Ratio Lower Upper

166 100

165 119.4 80.1 120.1

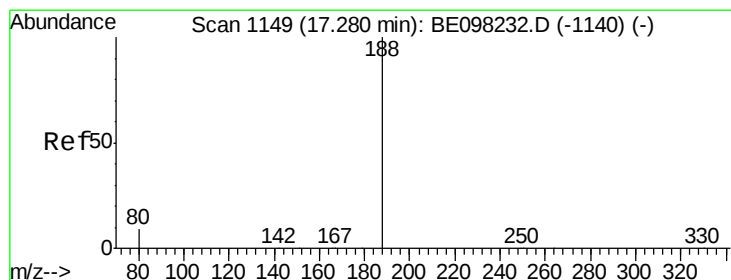
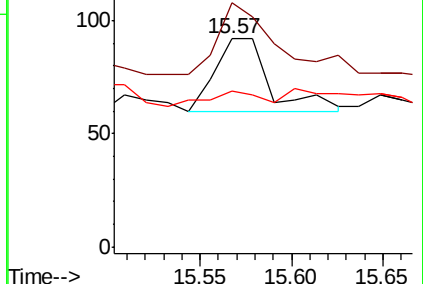
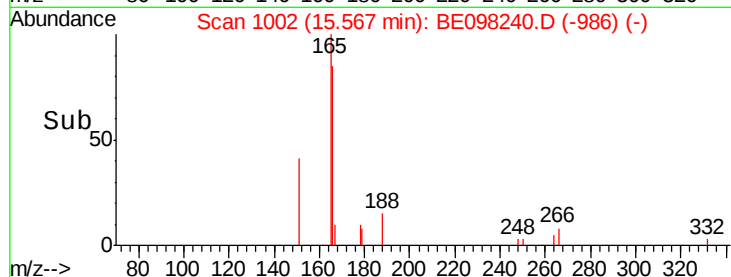
167 20.9 10.8 16.2#



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: BE098240.D

Acq: 16 Nov 2018 21:36

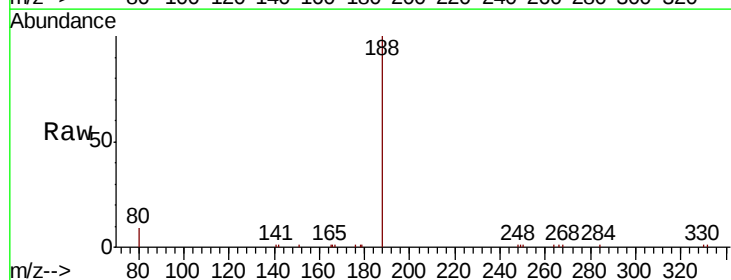
Tgt Ion:188 Resp: 9756

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

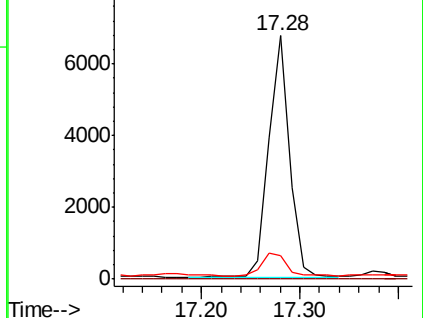
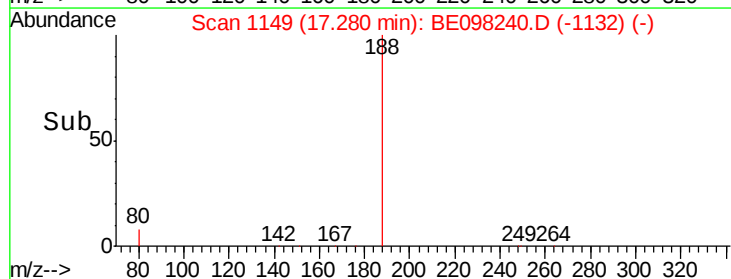
80 9.5 6.7 10.1

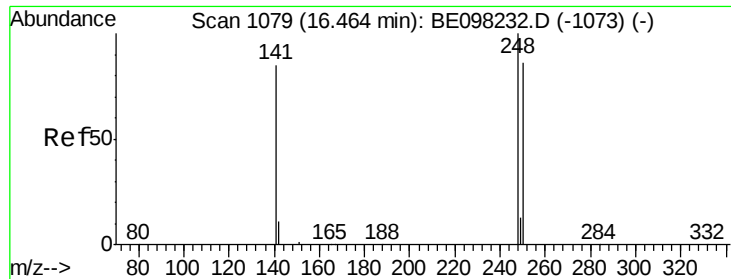


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

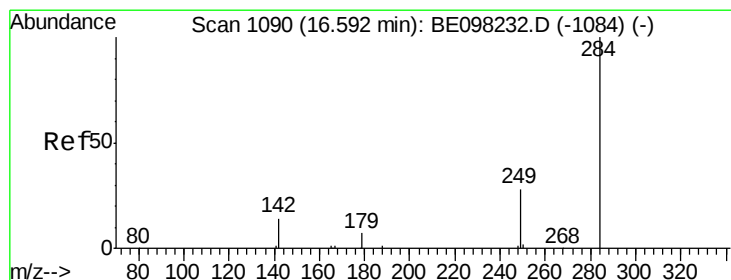
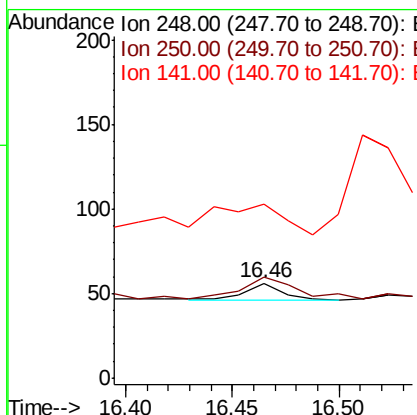
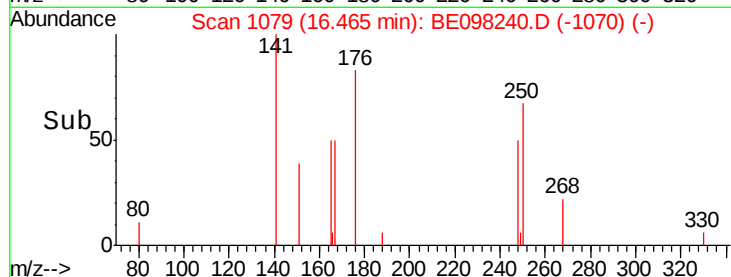
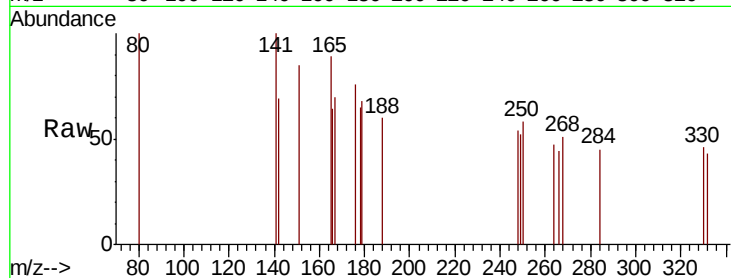




#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

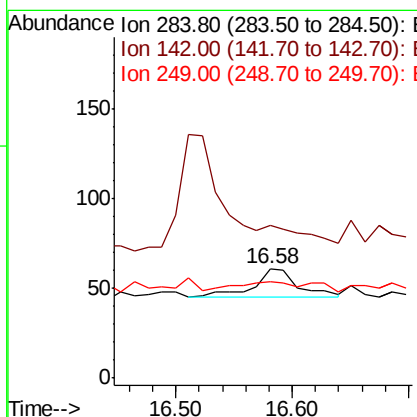
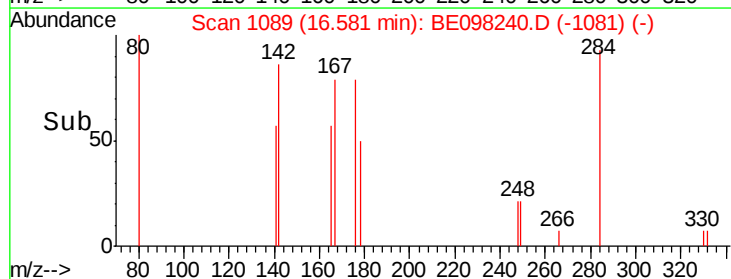
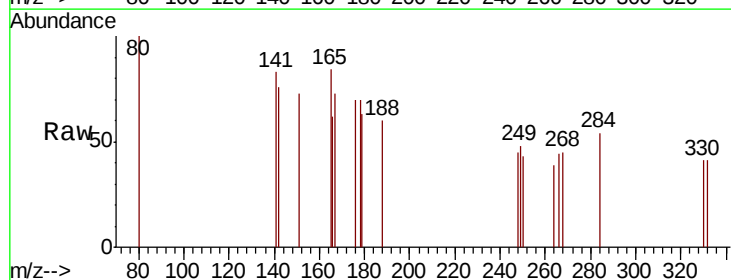
Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

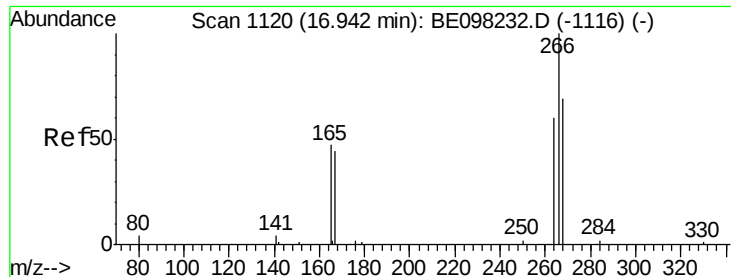
Tgt Ion: 248 Resp: 13
Ion Ratio Lower Upper
248 100
250 107.1 77.6 116.4
141 183.9 65.8 98.8#



#21
Hexachlorobenzene
Concen: 0.007 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion: 284 Resp: 43
Ion Ratio Lower Upper
284 100
142 0.0 26.5 39.7#
249 60.5 28.4 42.6#





#22

Pentachlorophenol

Concen: 0.122 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

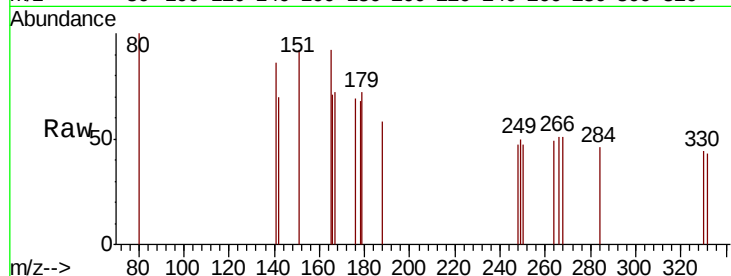
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 94.4 57.6 86.4#

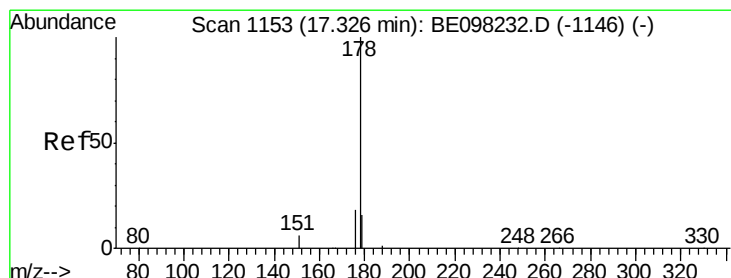
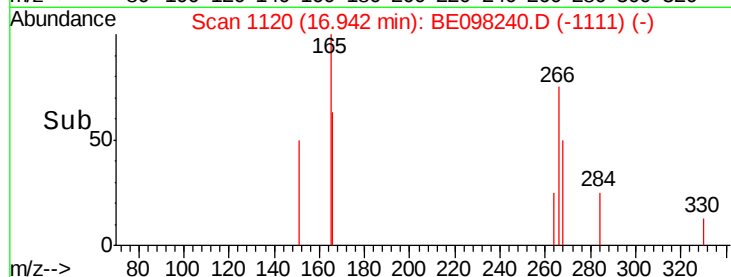
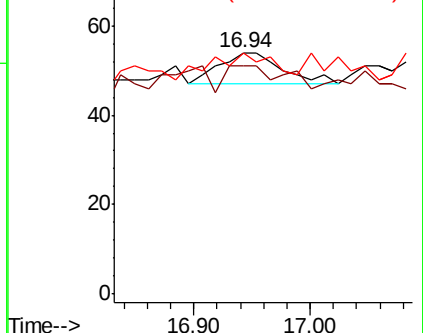
268 100.0 56.8 85.2#



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: 0.026 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.08 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

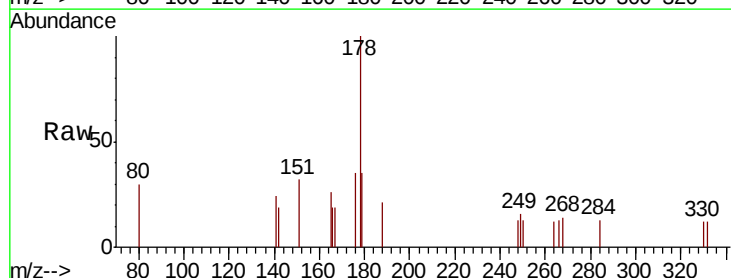
Tgt Ion:178 Resp: 652

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

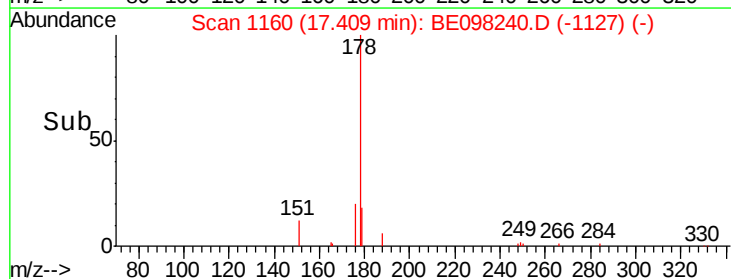
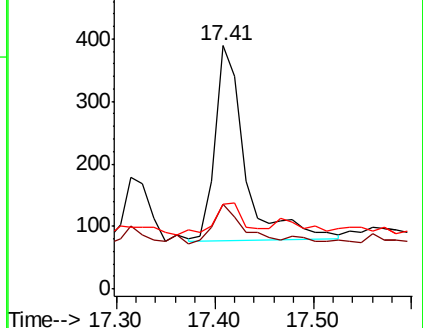
179 16.7 12.3 18.5

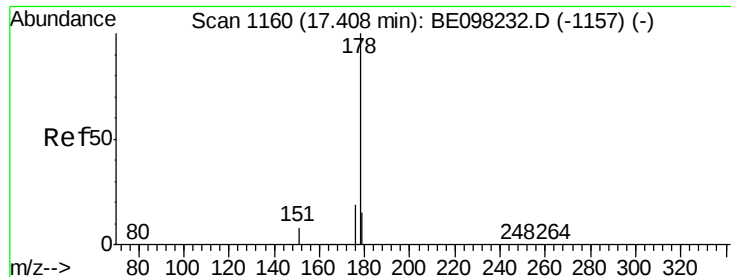


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

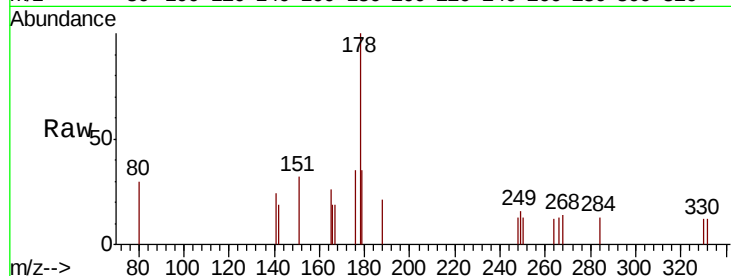




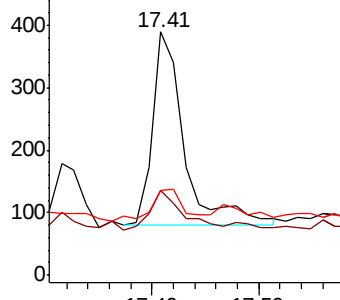
#24
 Anthracene
 Concen: 0.028 ng
 RT: 17.41 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BE098240.D
 Acq: 16 Nov 2018 21:36

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-181112

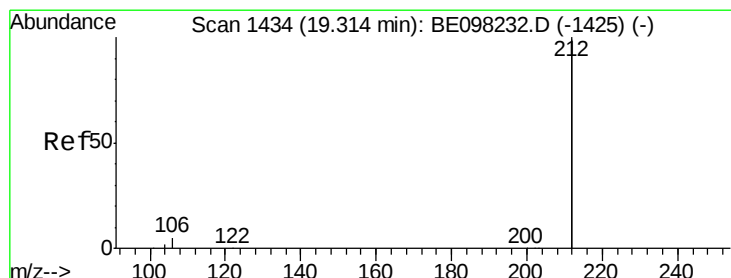
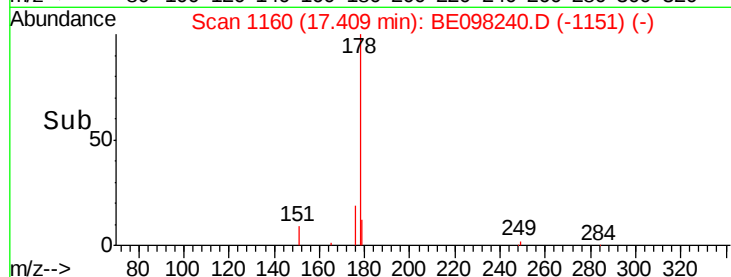
Tgt Ion:178 Resp: 630
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.7 23.5
 179 17.3 12.1 18.1



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

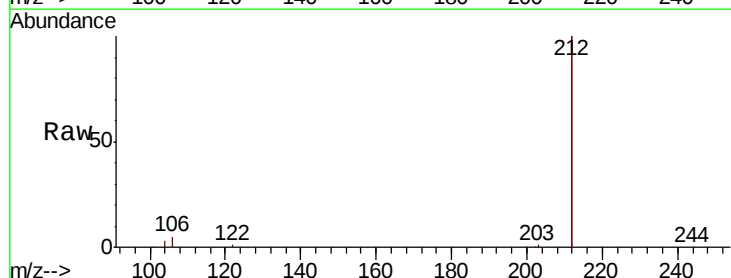


Time-->

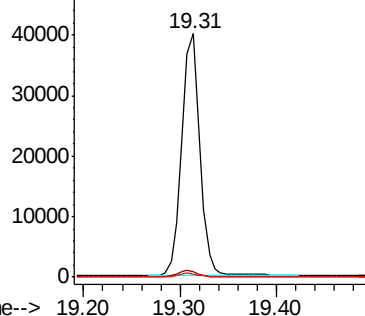


#25
 Fluoranthene-d10
 Concen: 0.448 ng
 RT: 19.31 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BE098240.D
 Acq: 16 Nov 2018 21:36

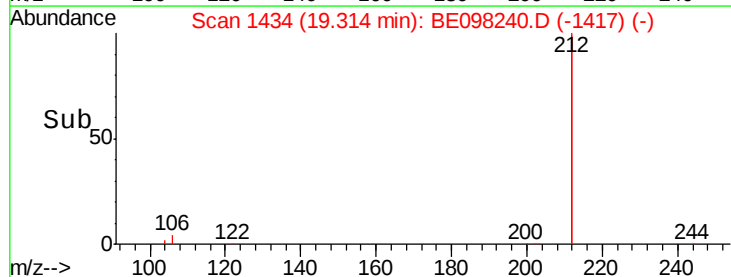
Tgt Ion:212 Resp: 53135
 Ion Ratio Lower Upper
 212 100
 106 2.7 1.8 2.8
 104 1.5 1.1 1.7

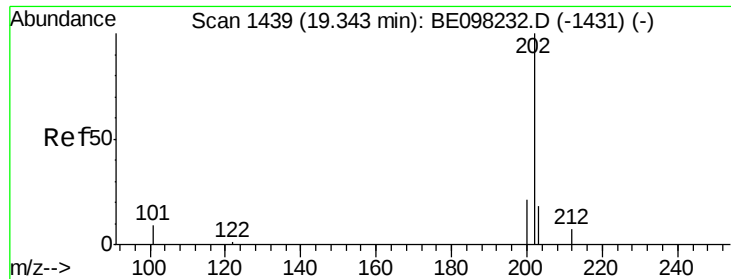


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E



Time-->

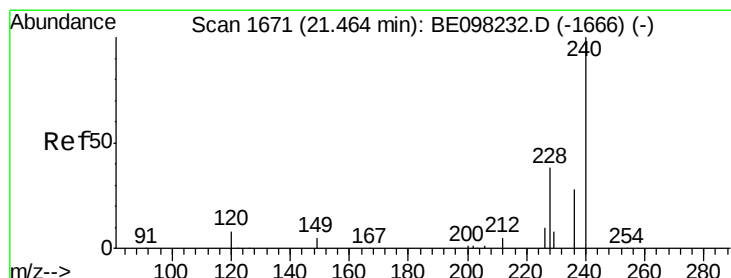
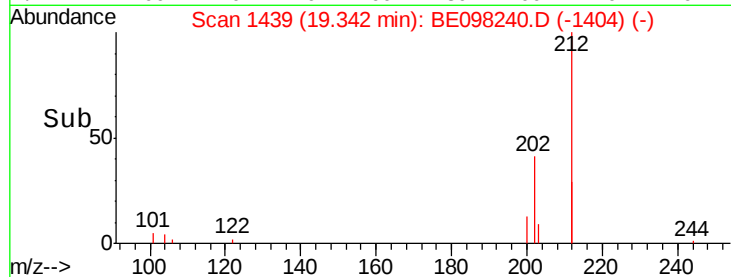
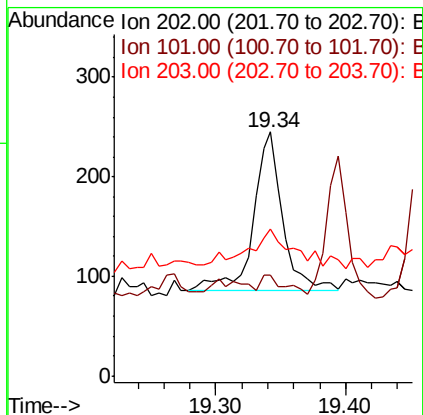
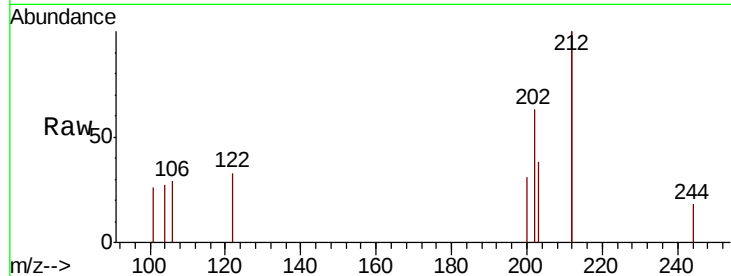




#26
 Fluoranthene
 Concen: 0.008 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE098240.D
 Acq: 16 Nov 2018 21:36

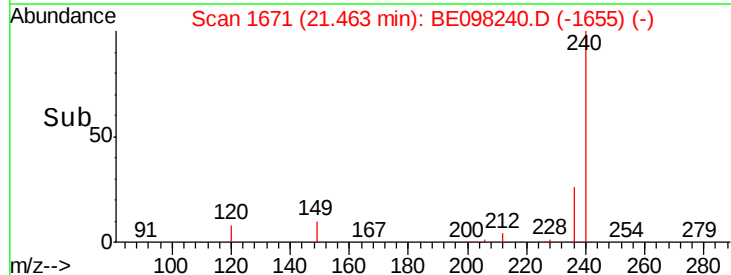
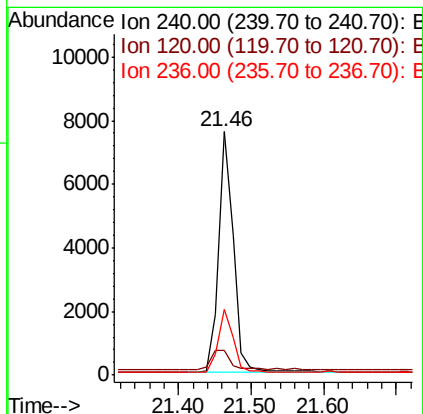
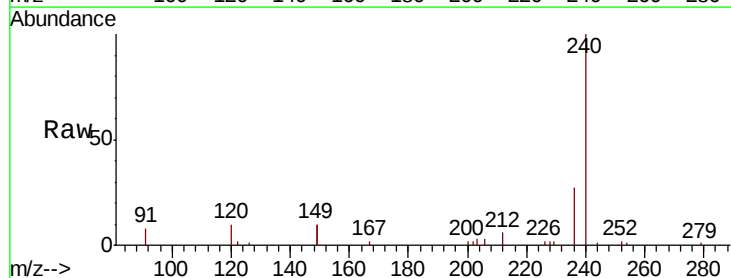
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-181112

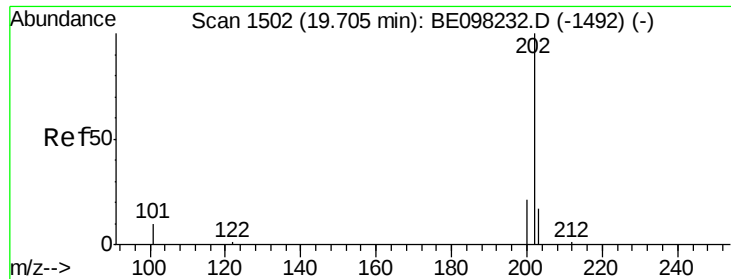
Tgt Ion: 202 Resp: 248
 Ion Ratio Lower Upper
 202 100
 101 9.3 7.0 10.6
 203 36.7 13.7 20.5#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098240.D
 Acq: 16 Nov 2018 21:36

Tgt Ion: 240 Resp: 10824
 Ion Ratio Lower Upper
 240 100
 120 10.2 4.8 7.2#
 236 27.2 21.4 32.0





#28

Pyrene

Concen: 0.010 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

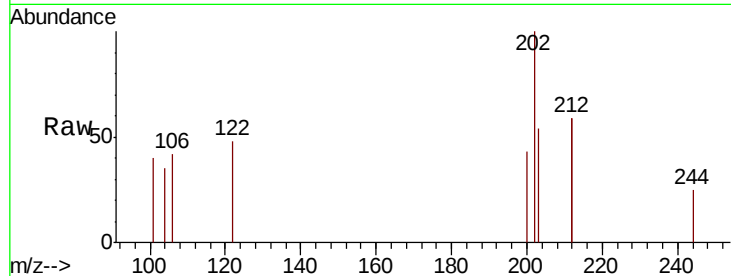
Tgt Ion:202 Resp: 309

Ion Ratio Lower Upper

202 100

200 25.9 17.2 25.8#

203 27.8 14.2 21.4#

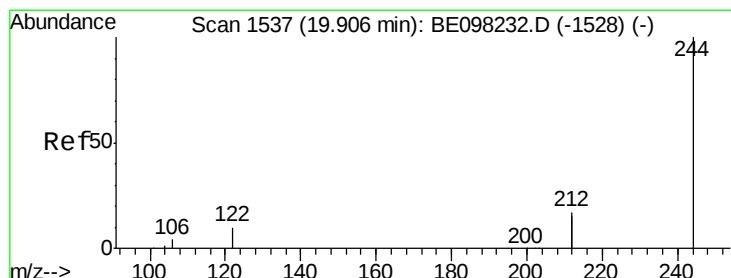
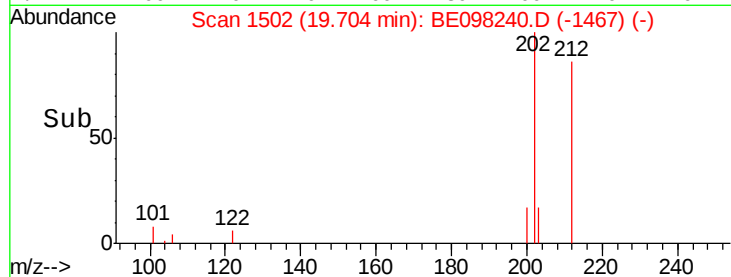
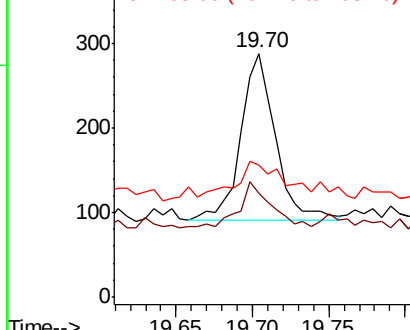


Abundance

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: 0.484 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

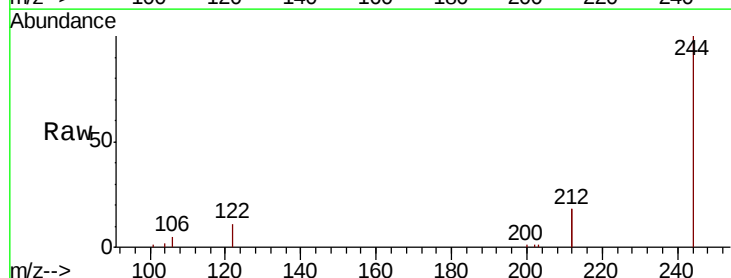
Tgt Ion:244 Resp: 12035

Ion Ratio Lower Upper

244 100

212 35.1 26.8 40.2

122 10.8 7.0 10.6#

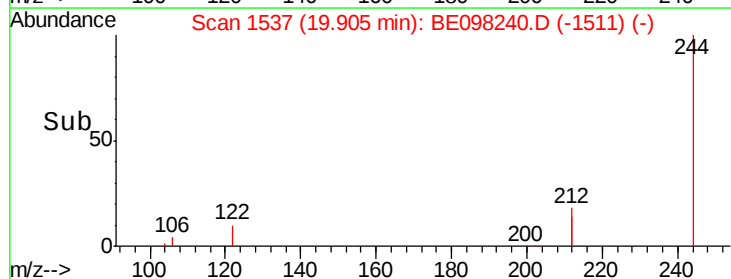
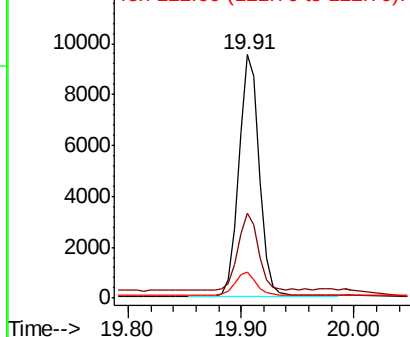


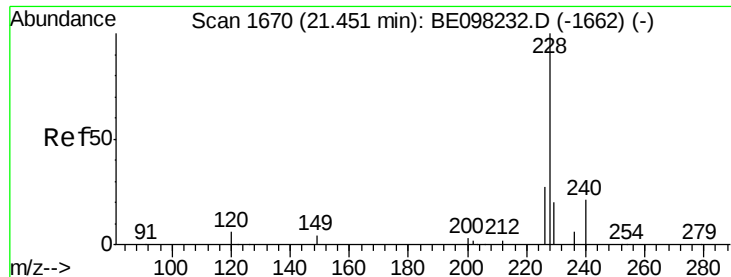
Abundance

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





#30

Benzo(a)anthracene

Concen: 0.009 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

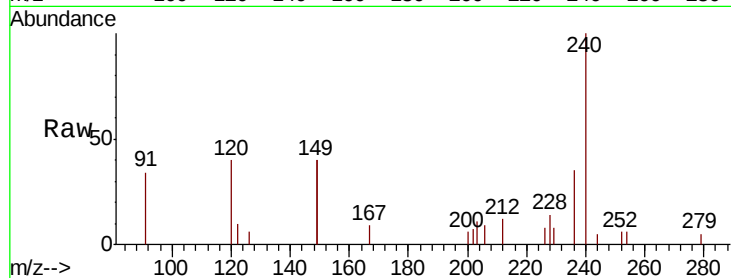
Tgt Ion: 228 Resp: 289

Ion Ratio Lower Upper

228 100

226 53.4 20.7 31.1#

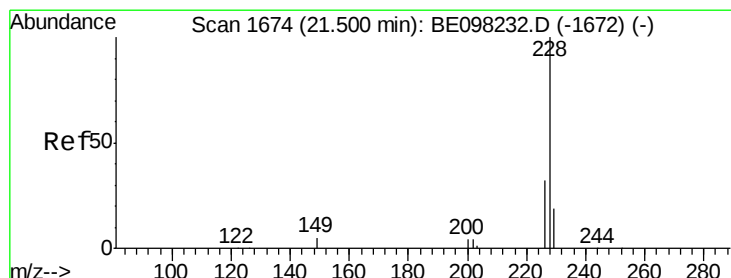
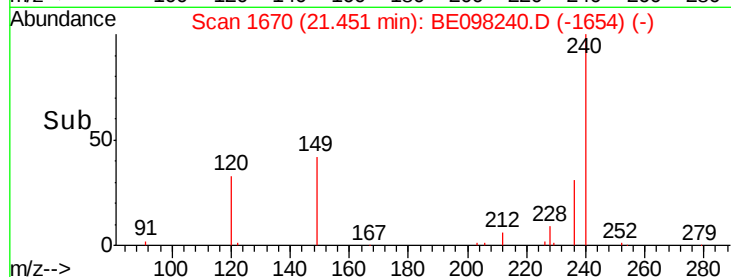
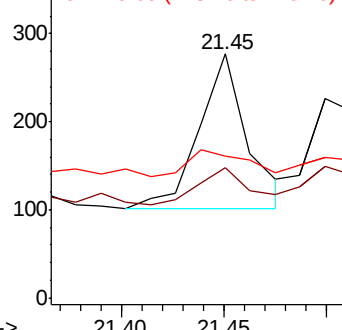
229 58.1 16.2 24.4#



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



#31

Chrysene

Concen: 0.006 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

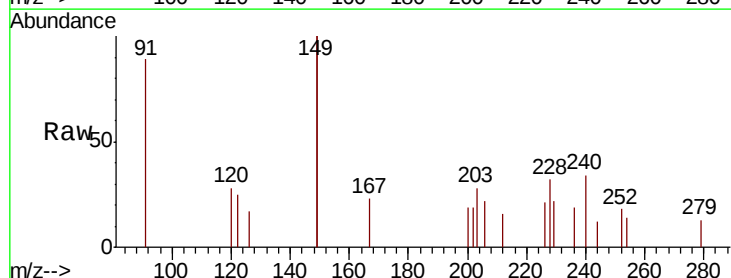
Tgt Ion: 228 Resp: 195

Ion Ratio Lower Upper

228 100

226 65.9 24.6 36.8#

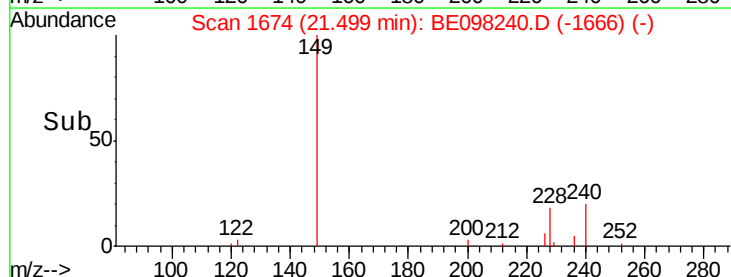
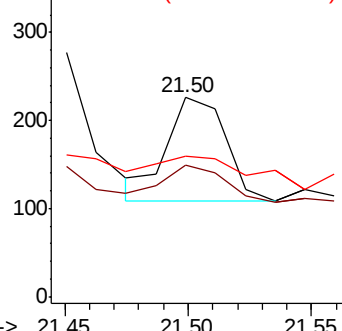
229 70.4 16.0 24.0#

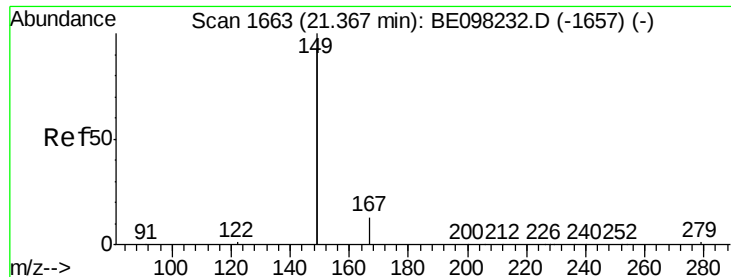


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.080 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

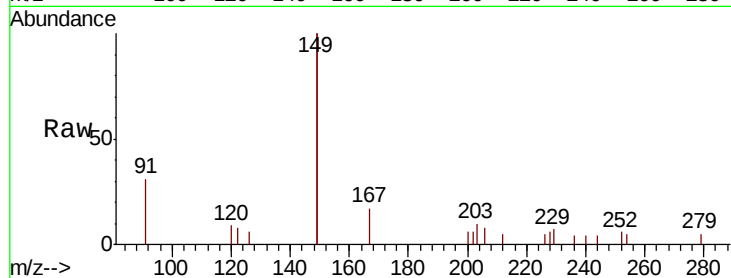
Tgt Ion:149 Resp: 3896

Ion Ratio Lower Upper

149 100

167 8.2 5.6 8.4

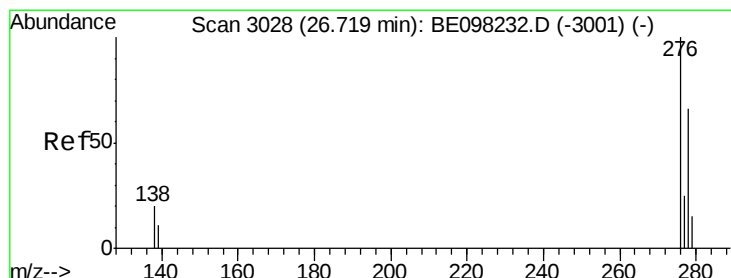
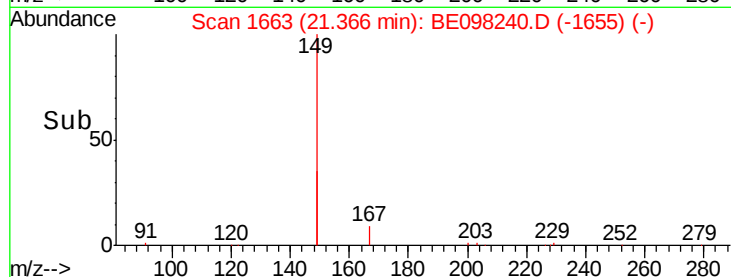
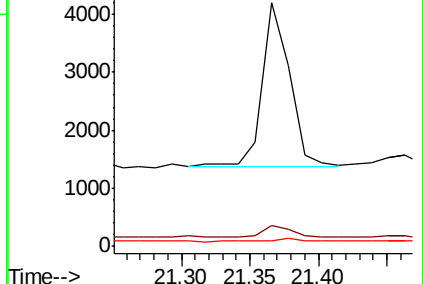
279 2.8 0.9 1.3#



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: 0.006 ng

RT: 26.70 min Scan# 3022

Delta R.T. -0.02 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

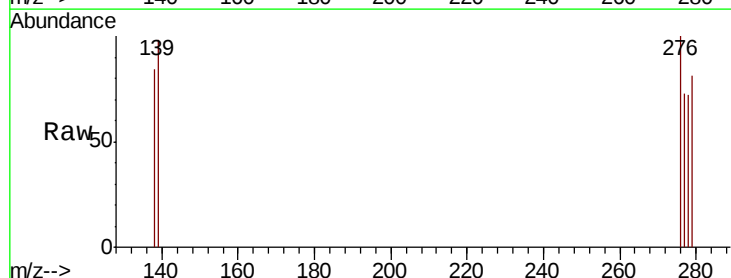
Tgt Ion:276 Resp: 154

Ion Ratio Lower Upper

276 100

138 12.3 6.4 9.6#

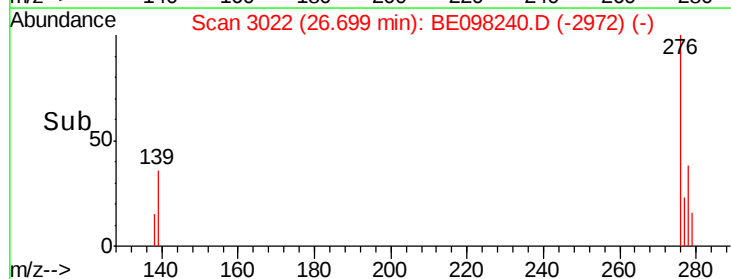
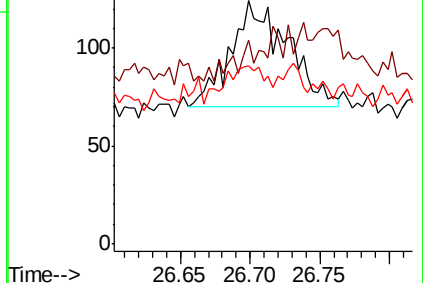
277 17.5 18.9 28.3#

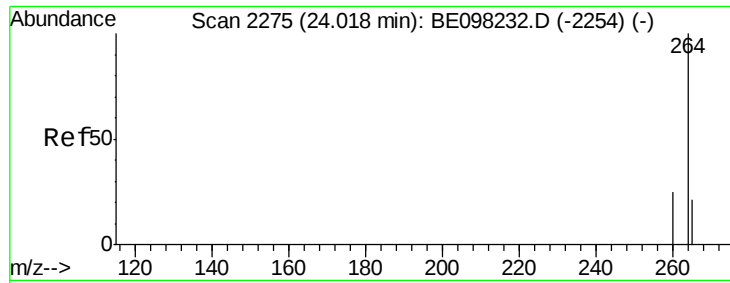


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

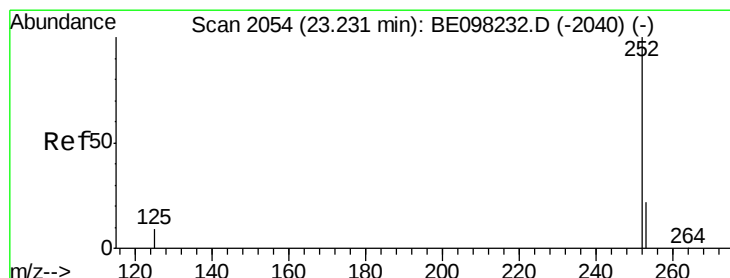
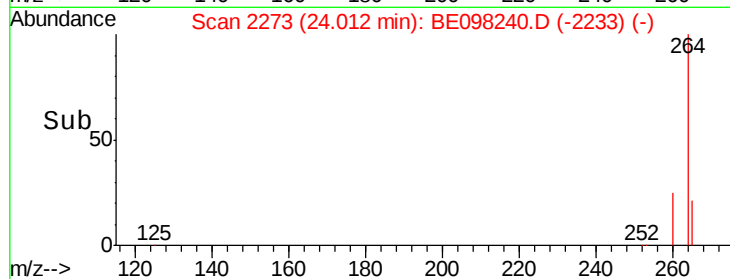
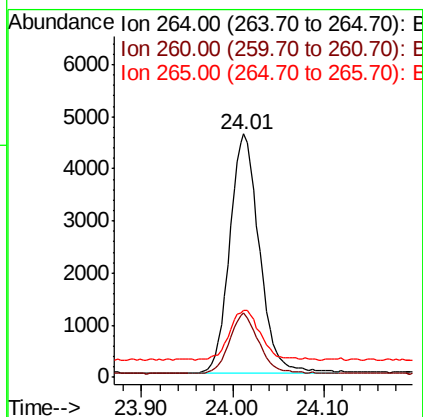
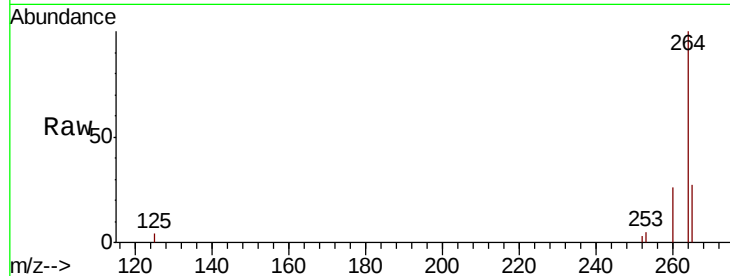




#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

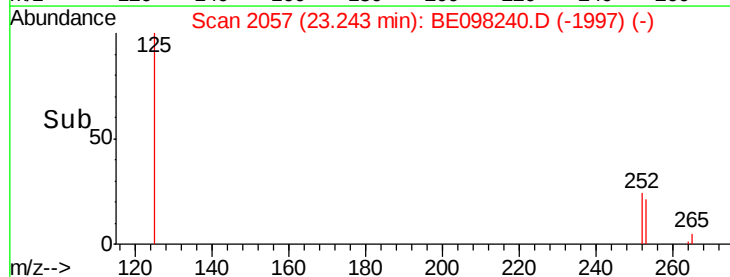
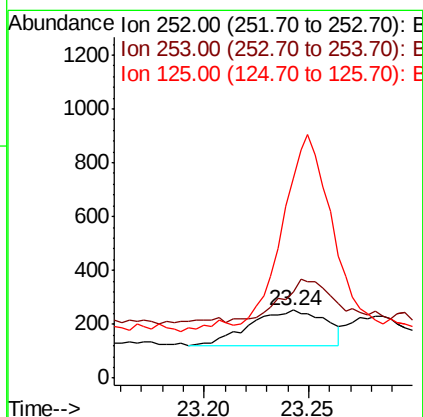
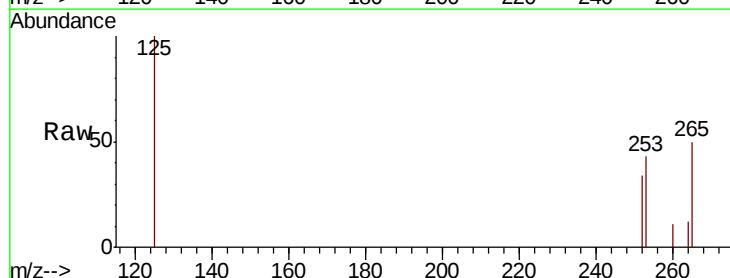
Instrument :
BNA_E
ClientSampleId :
KY038PS035-181112

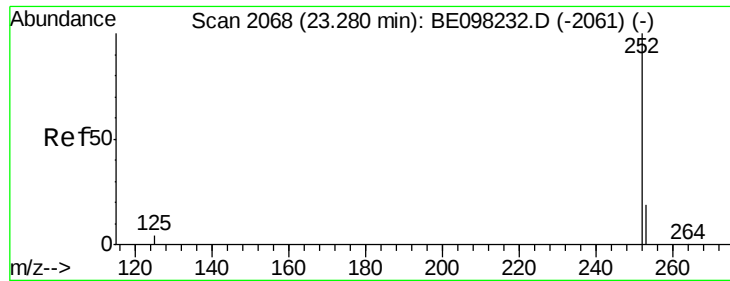
Tgt Ion: 264 Resp: 10461
Ion Ratio Lower Upper
264 100
260 26.3 19.9 29.9
265 27.5 21.3 31.9



#35
Benzo(b)fluoranthene
Concen: 0.011 ng
RT: 23.24 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BE098240.D
Acq: 16 Nov 2018 21:36

Tgt Ion: 252 Resp: 329
Ion Ratio Lower Upper
252 100
253 127.0 19.4 29.0#
125 294.0 8.6 12.8#





#36

Benzo(k)fluoranthene

Concen: 0.005 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

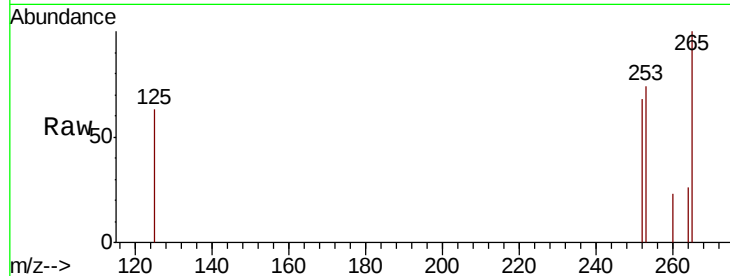
Tgt Ion: 252 Resp: 152

Ion Ratio Lower Upper

252 100

253 108.7 18.6 28.0#

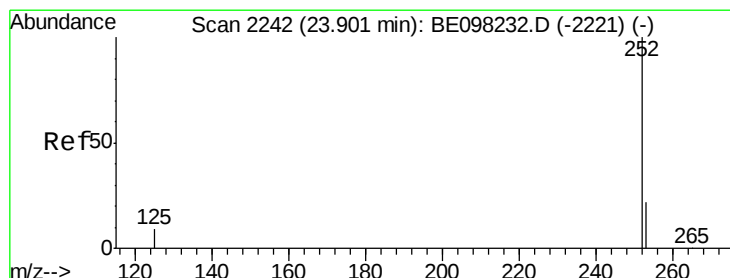
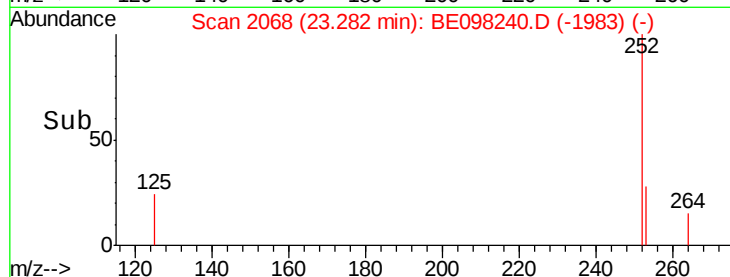
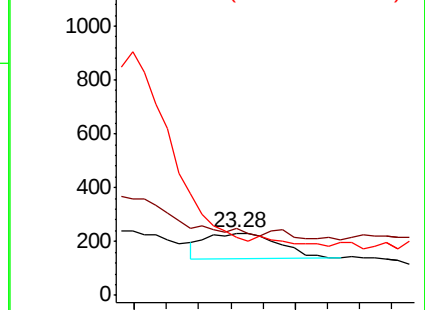
125 92.6 7.4 11.0#



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: 0.006 ng

RT: 23.91 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

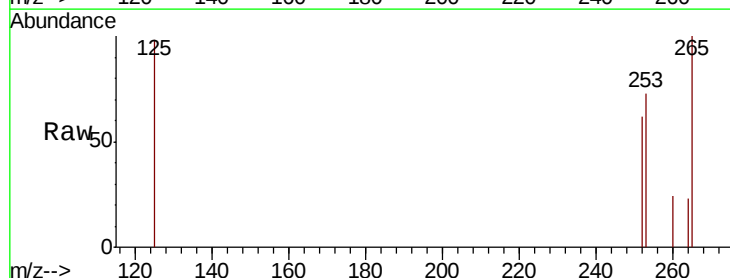
Tgt Ion: 252 Resp: 183

Ion Ratio Lower Upper

252 100

253 118.0 18.6 27.8#

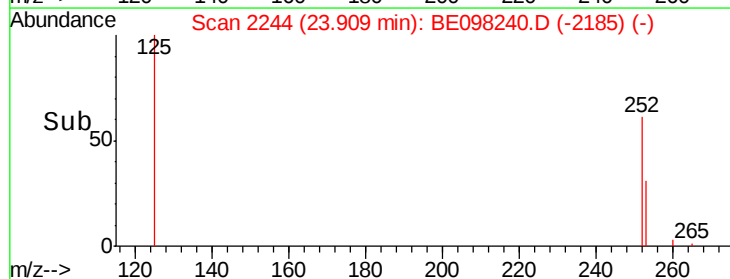
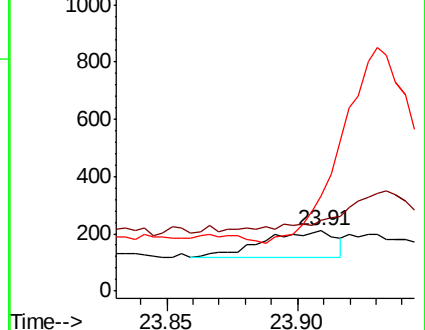
125 157.3 8.0 12.0#

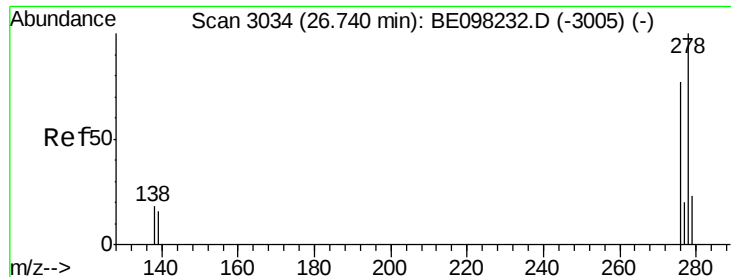


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.004 ng

RT: 26.73 min Scan# 3032

Delta R.T. -0.01 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181112

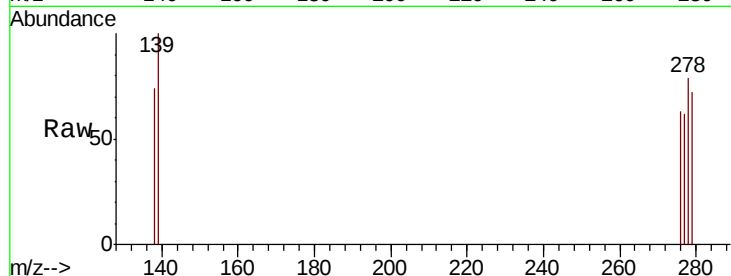
Tgt Ion: 278 Resp: 103

Ion Ratio Lower Upper

278 100

139 126.8 16.4 24.6#

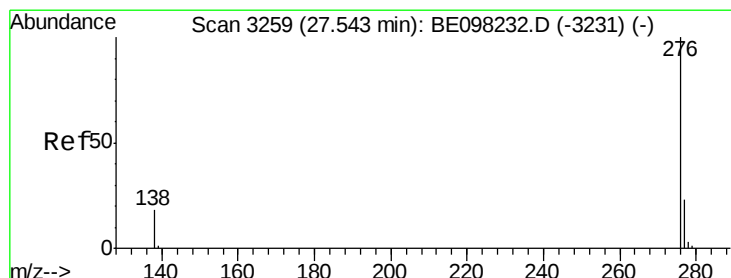
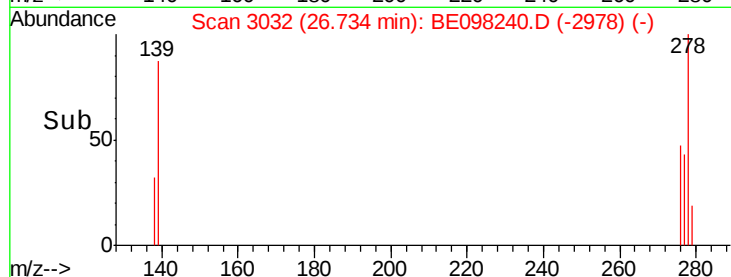
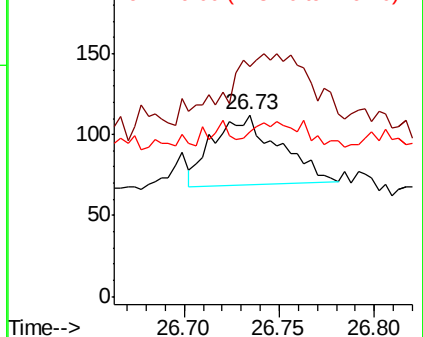
279 91.1 21.3 31.9#



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: 0.003 ng

RT: 27.53 min Scan# 3254

Delta R.T. -0.02 min

Lab File: BE098240.D

Acq: 16 Nov 2018 21:36

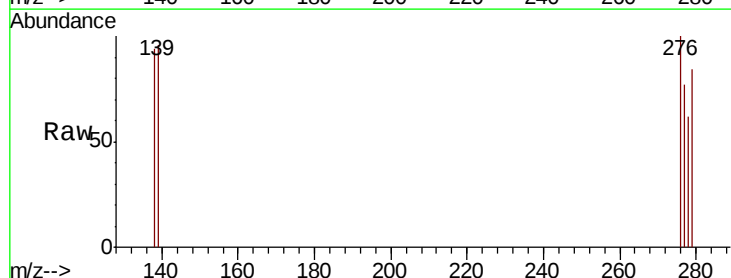
Tgt Ion: 276 Resp: 63

Ion Ratio Lower Upper

276 100

277 76.6 20.4 30.6#

138 94.4 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

