

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE111618\
 Data File : BE098241.D
 Acq On : 16 Nov 2018 22:11
 Operator : SJ/JU
 Sample : J5931-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-181112

Quant Time: Nov 16 22:54:04 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	1213	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5897	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4019	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9547	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10577	0.40	ng	0.00
34) Perylene-d12	24.02	264	10230	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	567	0.17	ng	0.00
5) Phenol-d6	7.04	99	540	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	2317	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	4341	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	666	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.15	172	7541	0.43	ng	0.00
25) Fluoranthene-d10	19.32	212	51748	0.45	ng	0.00
29) Terphenyl-d14	19.91	244	10826	0.45	ng	0.00

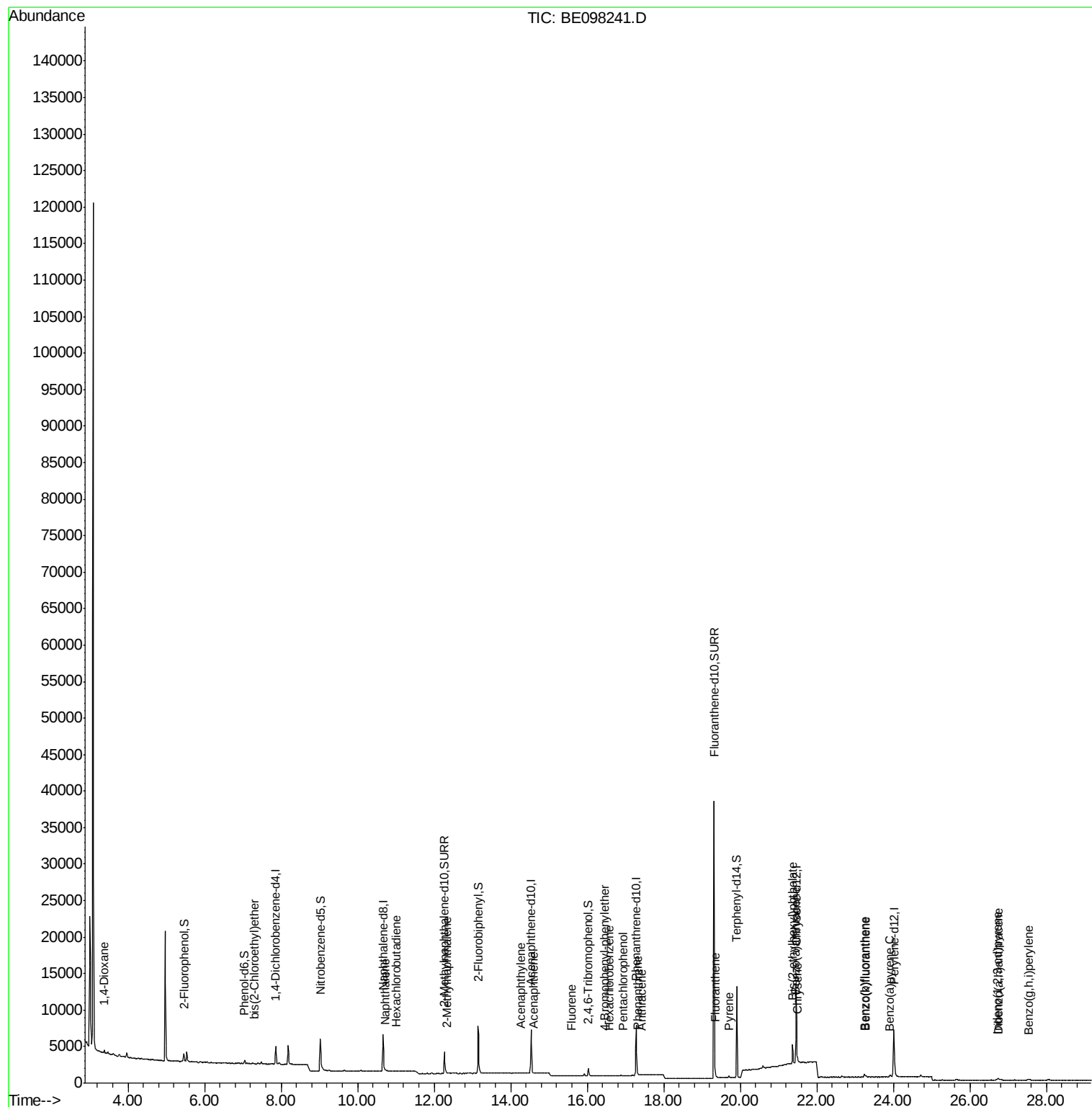
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	229	0.120	ng	# 57
6) bis(2-Chloroethyl)ether	7.29	93	27	0.006	ng	# 1
9) Naphthalene	10.72	128	218	0.004	ng	# 55
10) Hexachlorobutadiene	11.00	225	6	0.002	ng	# 1
12) 2-Methylnaphthalene	12.34	142	26	0.002	ng	# 67
16) Acenaphthylene	14.25	152	21	0.001	ng	# 1
17) Acenaphthene	14.60	154	12	0.001	ng	# 1
18) Fluorene	15.58	166	48	0.003	ng	# 57
20) 4-Bromophenyl-phenylether	16.46	248	21	0.004	ng	# 79
21) Hexachlorobenzene	16.58	284	36	0.006	ng	# 73
22) Pentachlorophenol	16.93	266	19	0.116	ng	# 73
23) Phenanthrene	17.33	178	162	0.007	ng	# 98
24) Anthracene	17.42	178	92	0.004	ng	# 36
26) Fluoranthene	19.34	202	317	0.011	ng	# 91
28) Pyrene	19.71	202	345	0.011	ng	# 92
30) Benzo(a)anthracene	21.45	228	432	0.014	ng	# 67
31) Chrysene	21.50	228	369	0.012	ng	# 63
32) Bis(2-ethylhexyl)phthalate	21.37	149	3182	0.067	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.71	276	50	0.002	ng	# 89
35) Benzo(b)fluoranthene	23.23	252	365	0.013	ng	# 1
36) Benzo(k)fluoranthene	23.28	252	326	0.010	ng	# 1
37) Benzo(a)pyrene	23.89	252	149	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	26.73	278	108	0.005	ng	# 1
39) Benzo(g,h,i)perylene	27.53	276	130	0.005	ng	# 11

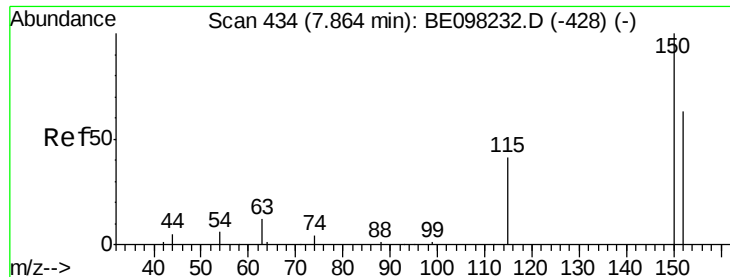
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

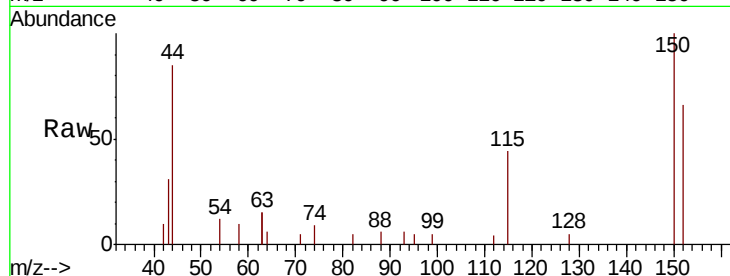
Tgt Ion:152 Resp: 1213

Ion Ratio Lower Upper

152 100

150 150.8 127.5 191.3

115 66.3 60.3 90.5

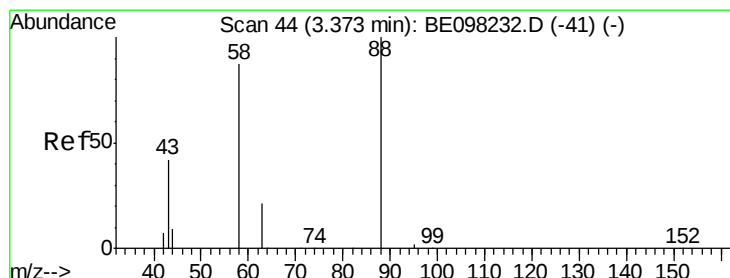
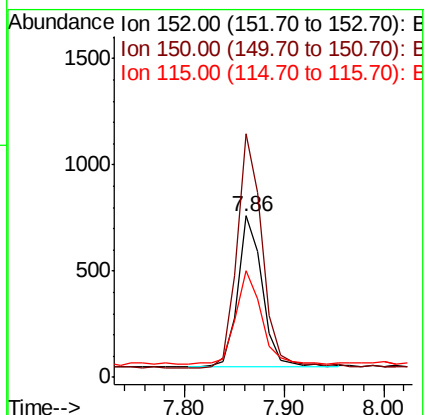
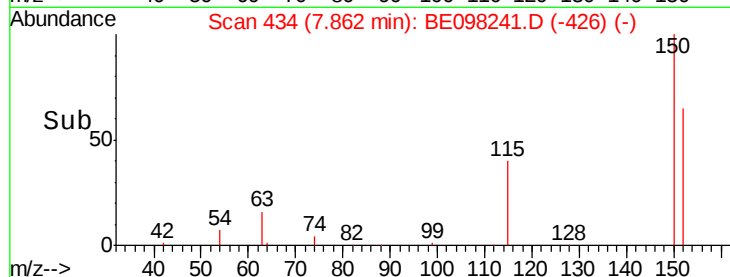


Abundance

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: 0.120 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

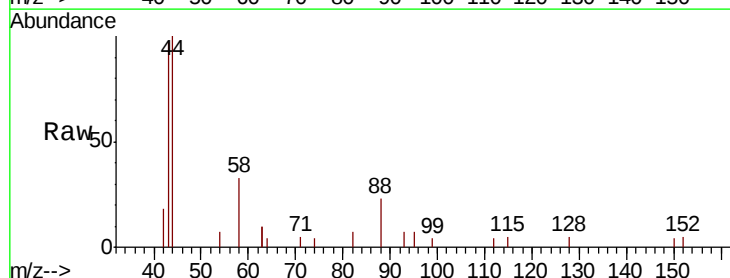
Tgt Ion: 88 Resp: 229

Ion Ratio Lower Upper

88 100

58 119.7 79.0 118.4#

43 107.0 38.1 57.1#

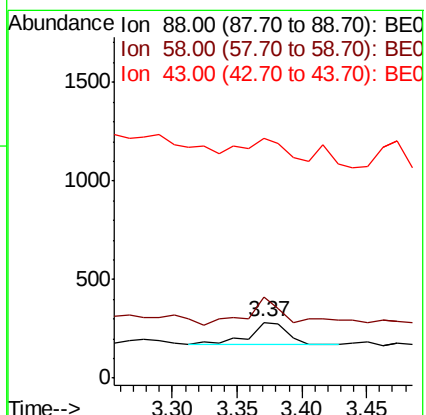
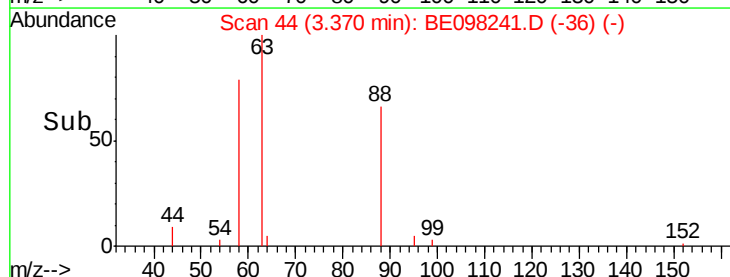


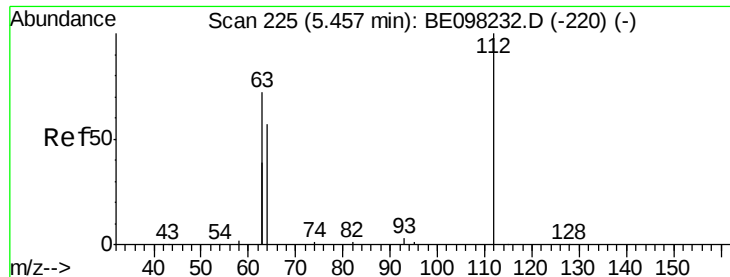
Abundance

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: 0.174 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098241.D

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Instrument :

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KY038PS036-181112

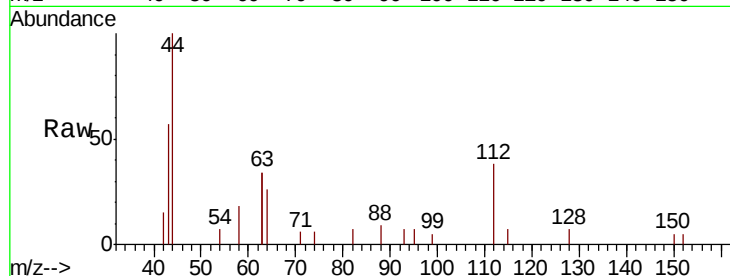
Tgt Ion: 112 Resp: 567

Ion Ratio Lower Upper

112 100

64 76.4 61.7 92.5

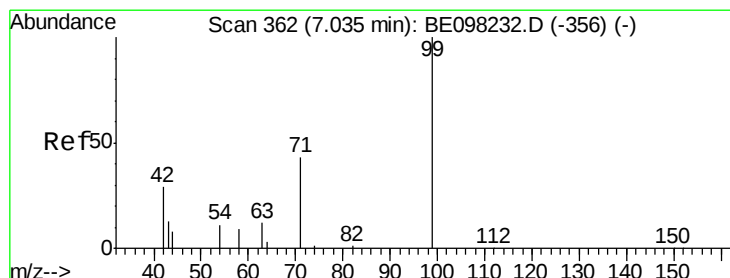
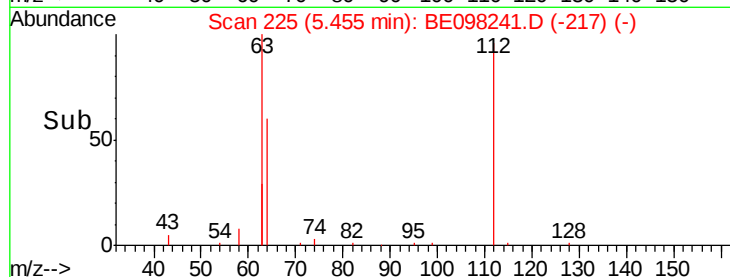
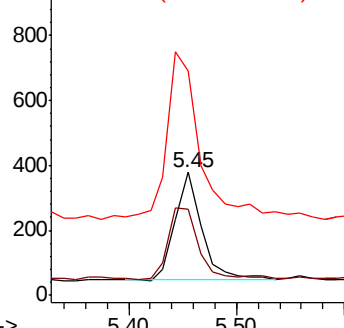
63 199.3 136.2 204.2



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: BE098241.D

Acq: 16 Nov 2018 22:11

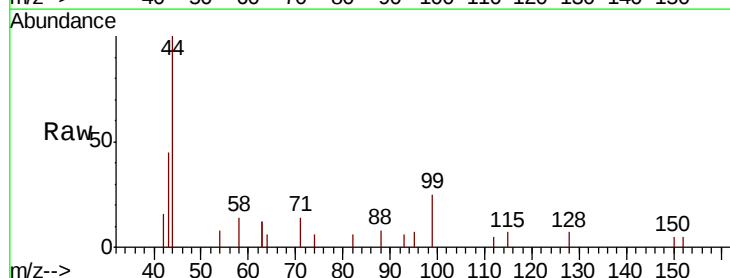
Tgt Ion: 99 Resp: 540

Ion Ratio Lower Upper

99 100

42 31.5 27.1 40.7

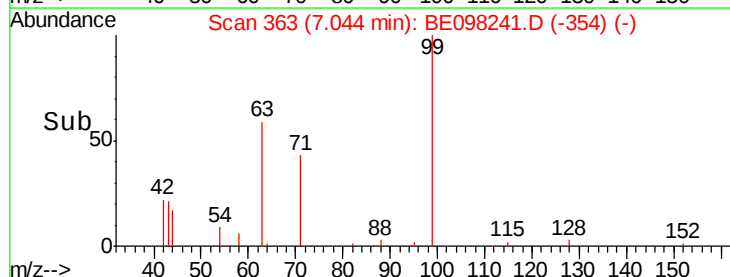
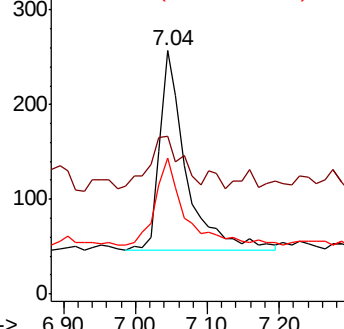
71 45.6 37.0 55.6

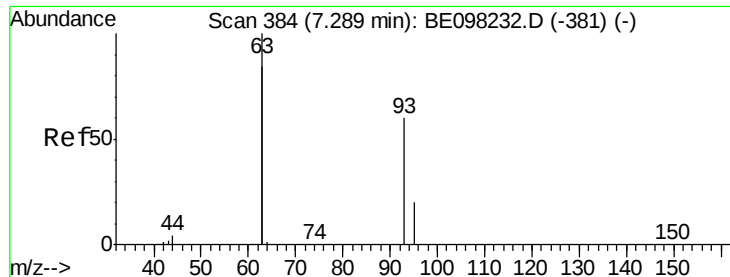


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

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KY038PS036-181112

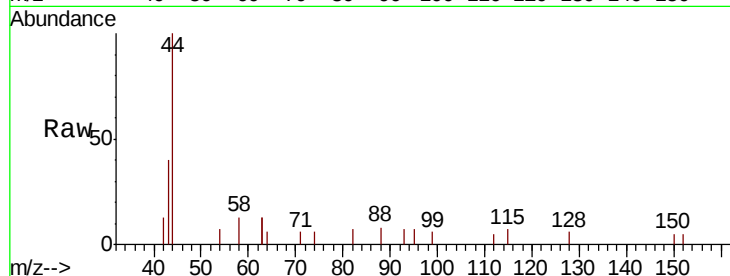
Tgt Ion: 93 Resp: 27

Ion Ratio Lower Upper

93 100

63 0.0 272.6 409.0#

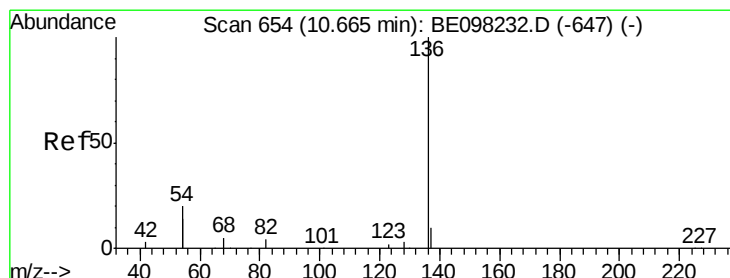
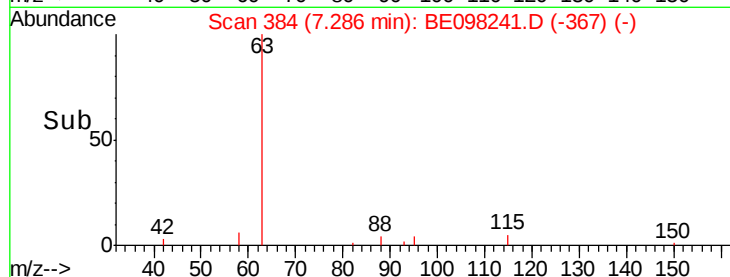
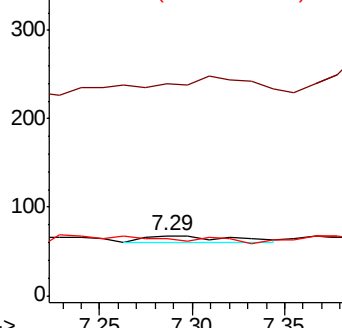
95 0.0 27.1 40.7#



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: BE098241.D

Acq: 16 Nov 2018 22:11

Tgt Ion: 136 Resp: 5897

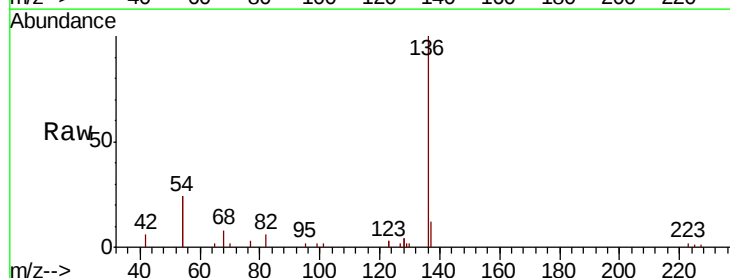
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 48.9 31.3 46.9#

68 7.9 4.8 7.2#

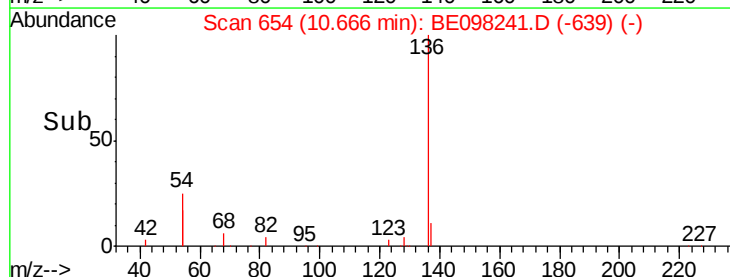
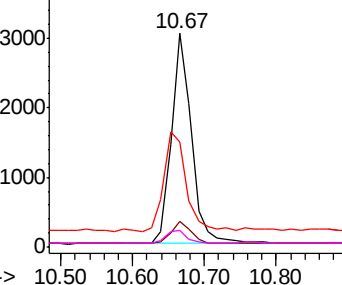


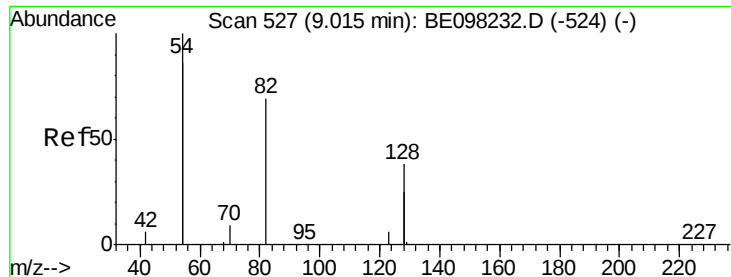
Abundance Ion 136.00 (135.70 to 136.70): E

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

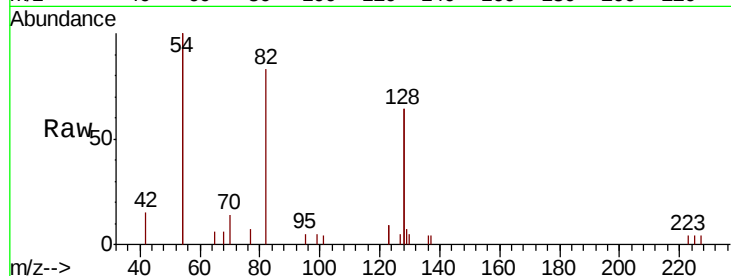




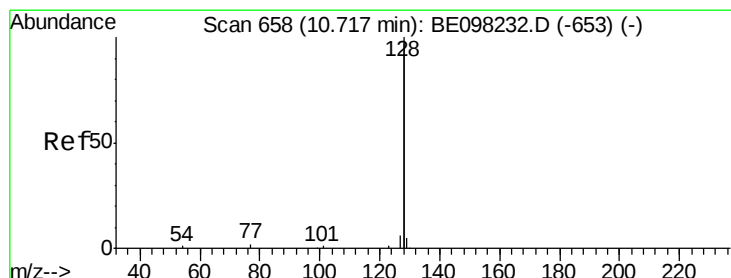
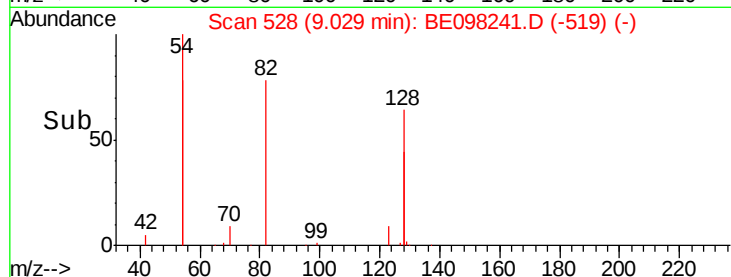
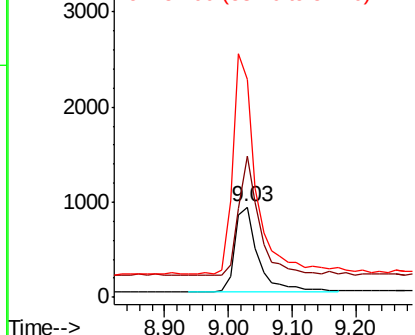
#8
 Nitrobenzene-d5
 Concen: 0.416 ng
 RT: 9.03 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BE098241.D
 Acq: 16 Nov 2018 22:11

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-181112

Tgt Ion: 82 Resp: 2317
 Ion Ratio Lower Upper
 82 100
 128 155.5 96.1 144.1#
 54 241.1 232.0 348.0

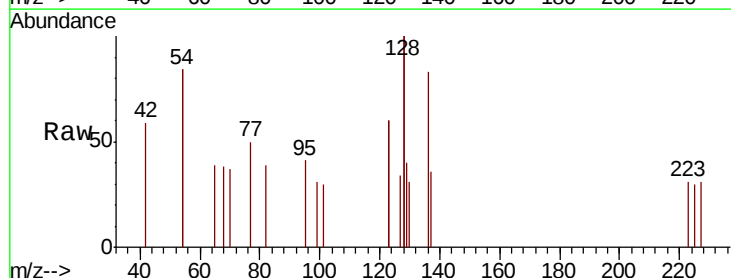


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

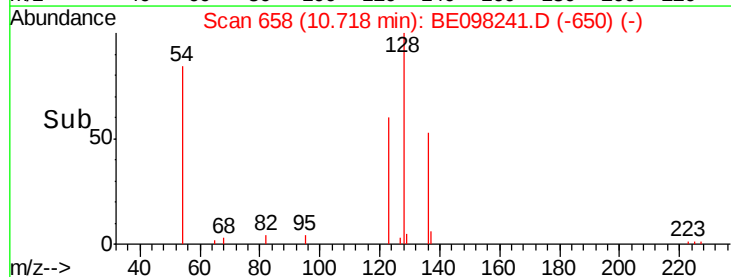
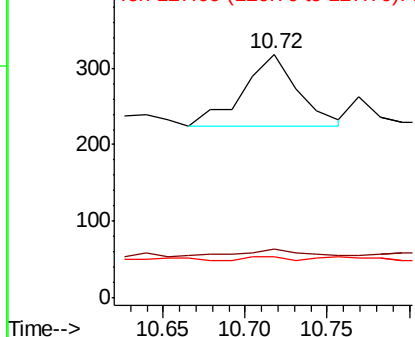


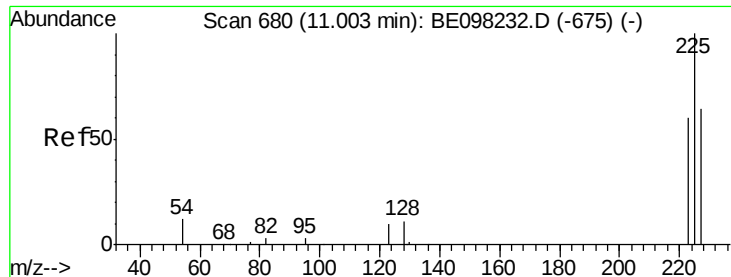
#9
 Naphthalene
 Concen: 0.004 ng
 RT: 10.72 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BE098241.D
 Acq: 16 Nov 2018 22:11

Tgt Ion: 128 Resp: 218
 Ion Ratio Lower Upper
 128 100
 129 19.8 2.6 4.0#
 127 17.0 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

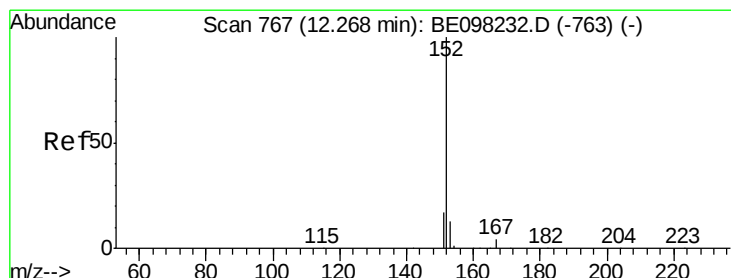
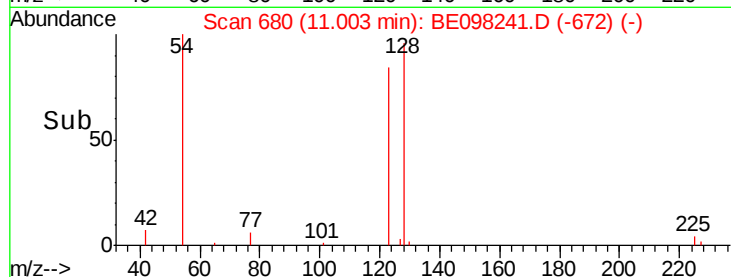
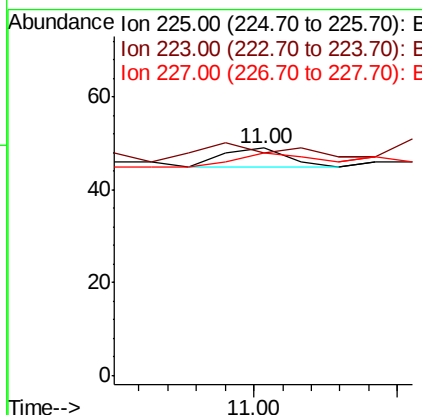
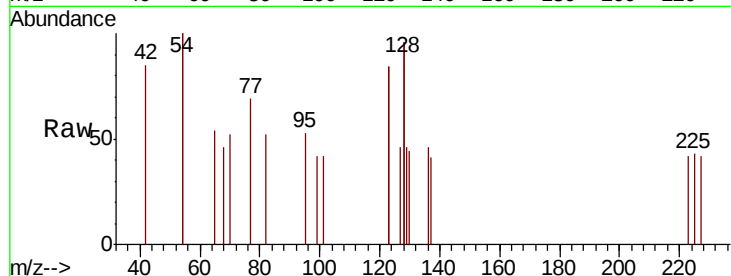




#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE098241.D
Acq: 16 Nov 2018 22:11

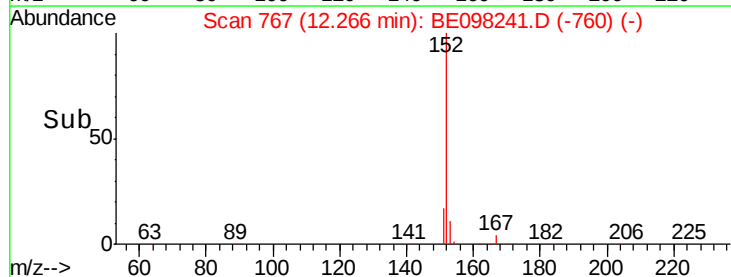
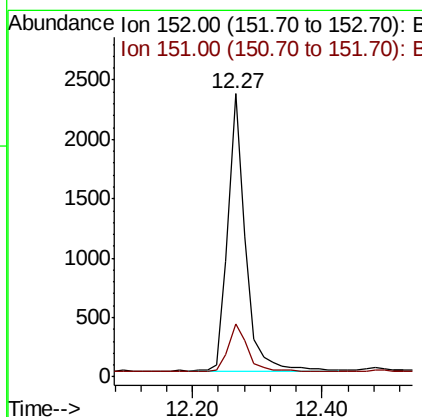
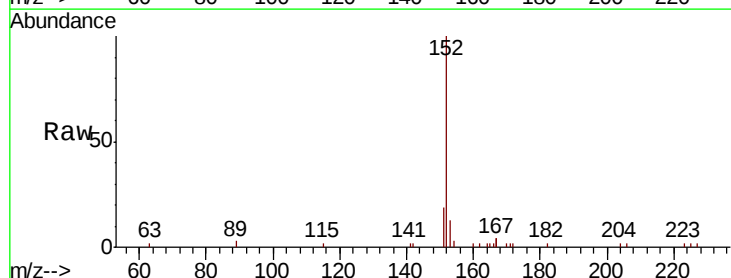
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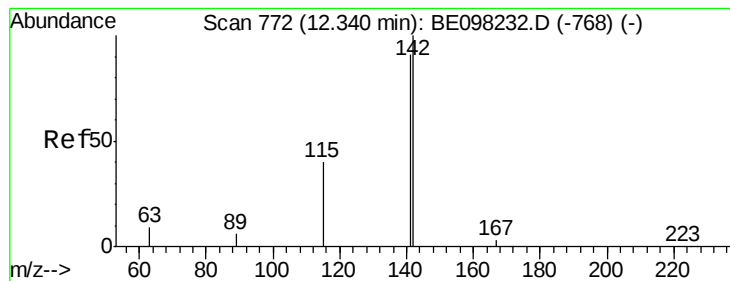
Tgt Ion: 225 Resp: 6
Ion Ratio Lower Upper
225 100
223 150.0 50.5 75.7#
227 133.3 50.3 75.5#



#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098241.D
Acq: 16 Nov 2018 22:11

Tgt Ion: 152 Resp: 4341
Ion Ratio Lower Upper
152 100
151 18.6 15.4 23.2





#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

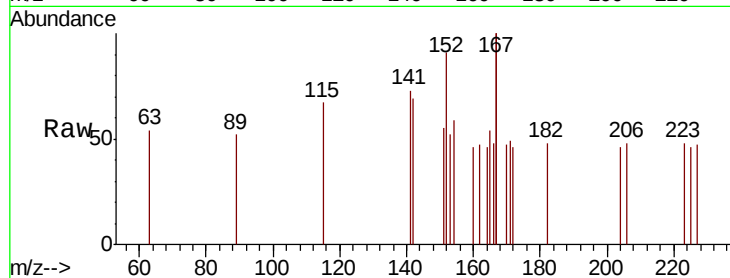
Tgt Ion:142 Resp: 26

Ion Ratio Lower Upper

142 100

141 105.7 76.3 114.5

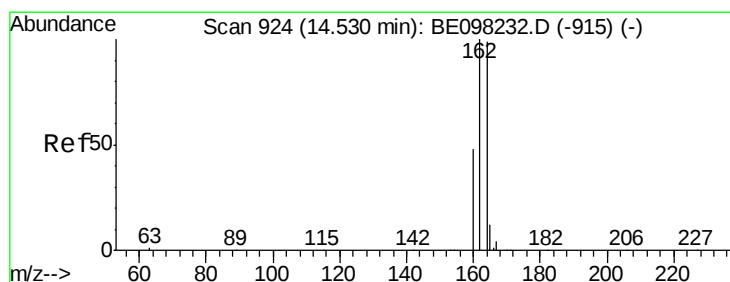
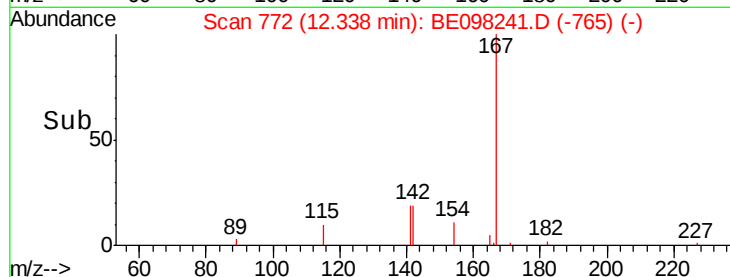
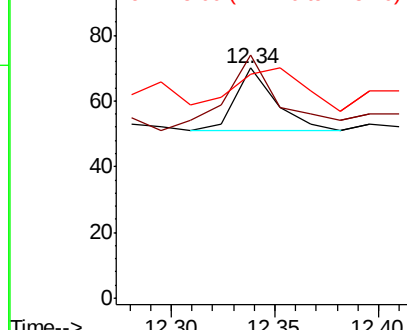
115 97.1 35.8 53.8#



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: BE098241.D

Acq: 16 Nov 2018 22:11

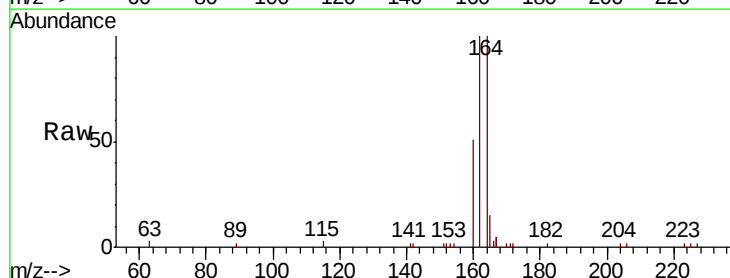
Tgt Ion:164 Resp: 4019

Ion Ratio Lower Upper

164 100

162 100.3 81.8 122.6

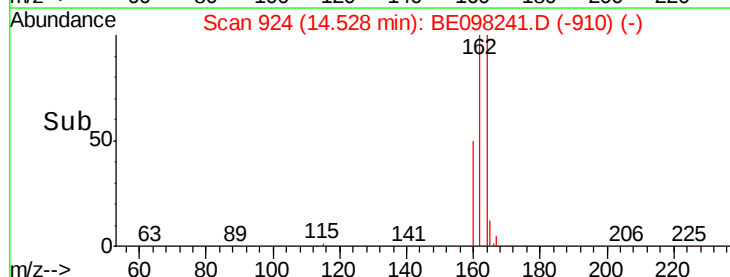
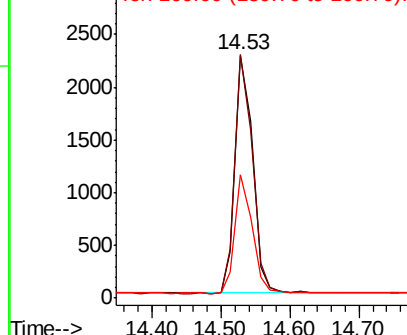
160 51.0 39.4 59.0

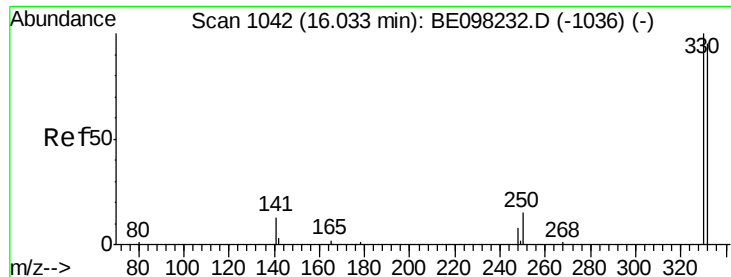


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

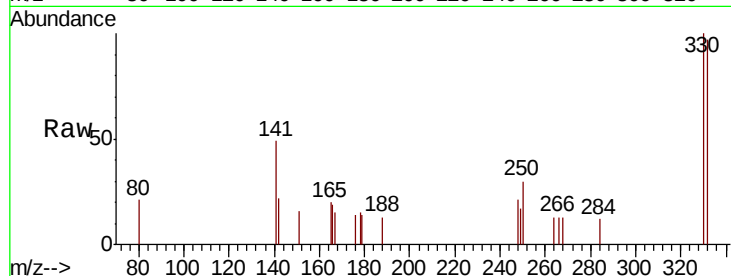




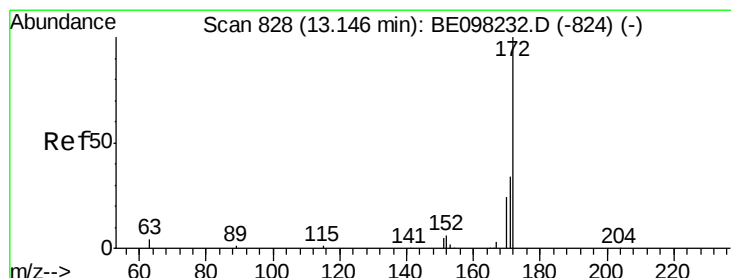
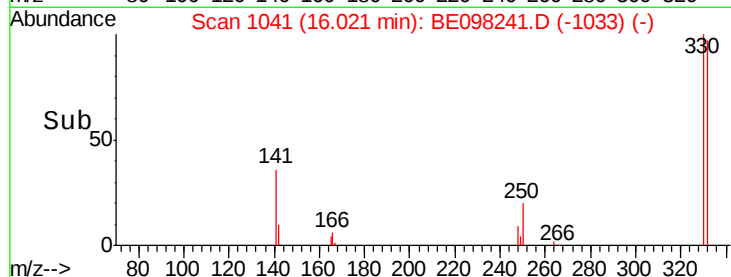
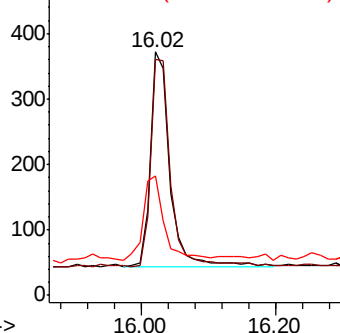
#14
 2,4,6-Tribromophenol
 Concen: 0.514 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BE098241.D
 Acq: 16 Nov 2018 22:11

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-181112

Tgt Ion: 330 Resp: 666
 Ion Ratio Lower Upper
 330 100
 332 101.4 77.7 116.5
 141 43.1 33.6 50.4

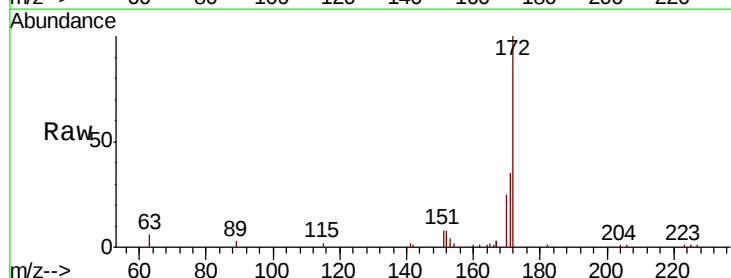


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

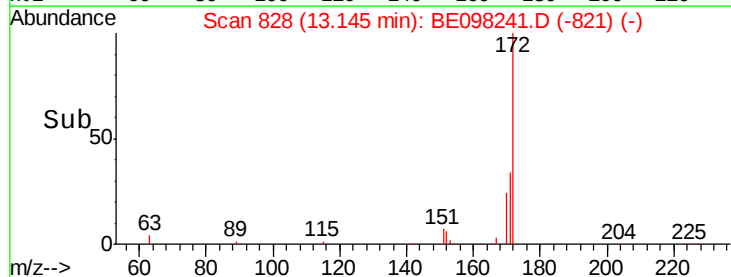
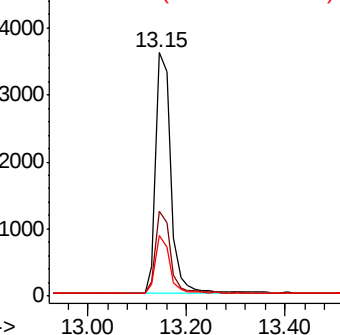


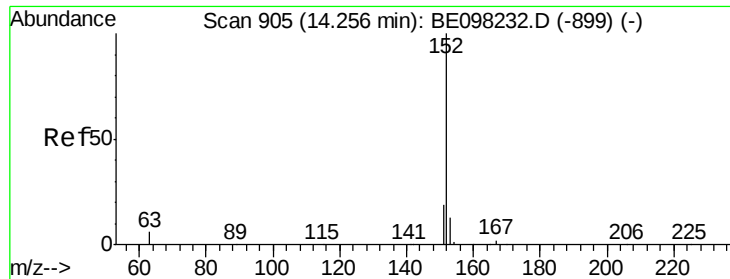
#15
 2-Fluorobiphenyl
 Concen: 0.432 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098241.D
 Acq: 16 Nov 2018 22:11

Tgt Ion: 172 Resp: 7541
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.3 40.9
 170 24.7 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: 0.001 ng

RT: 14.25 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

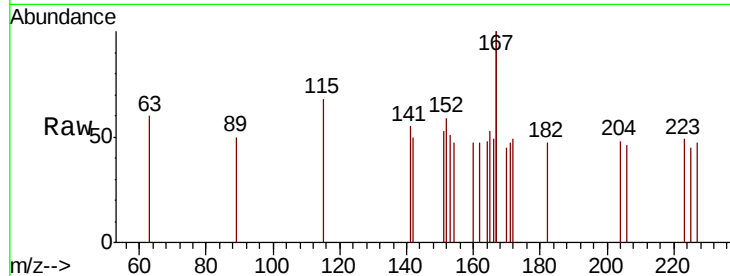
Tgt Ion:152 Resp: 21

Ion Ratio Lower Upper

152 100

151 104.8 16.4 24.6#

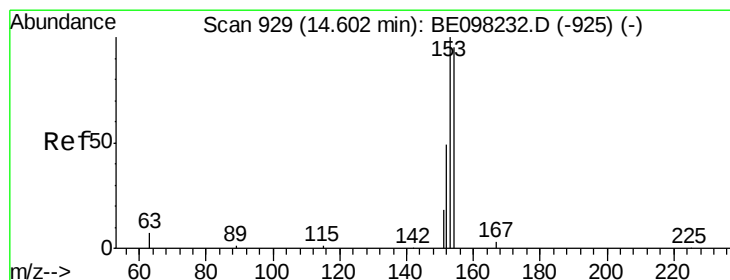
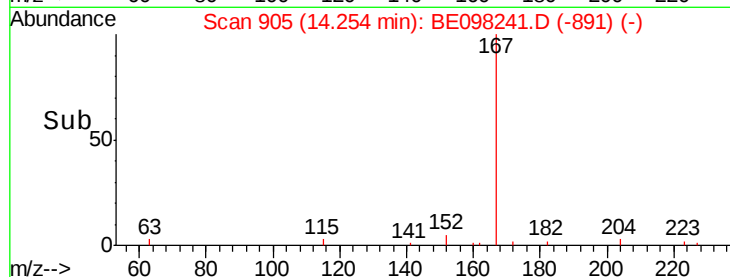
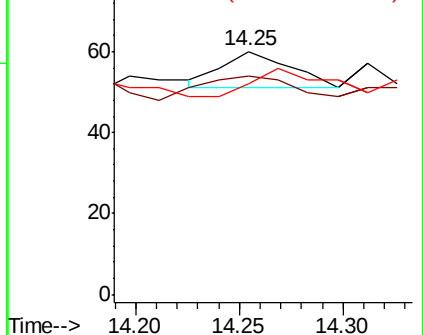
153 76.2 10.6 15.8#



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



#17

Acenaphthene

Concen: 0.001 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

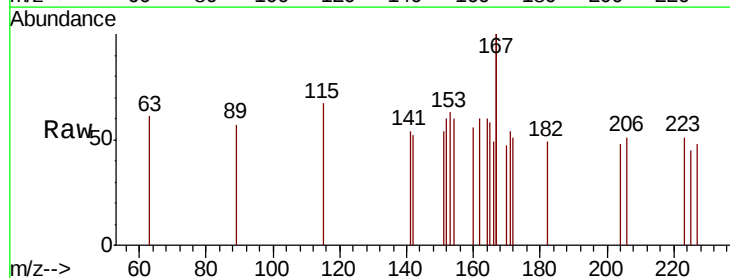
Tgt Ion:154 Resp: 12

Ion Ratio Lower Upper

154 100

153 258.3 92.1 138.1#

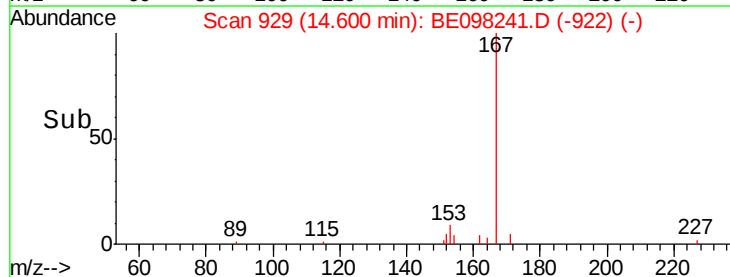
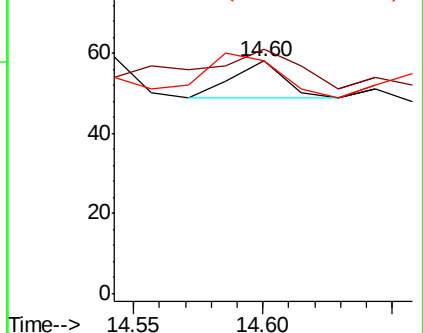
152 183.3 46.2 69.2#

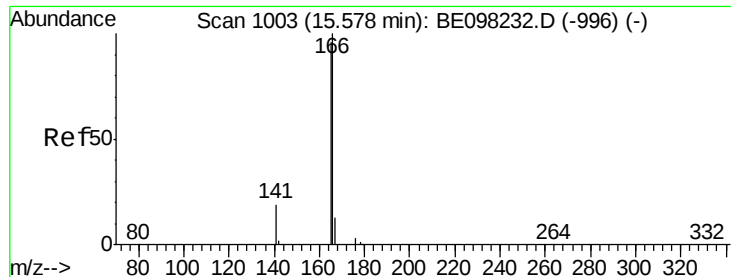


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.003 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

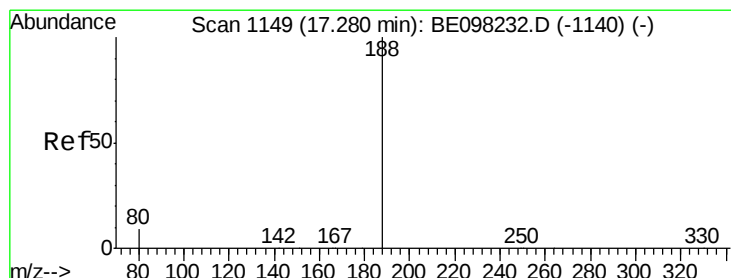
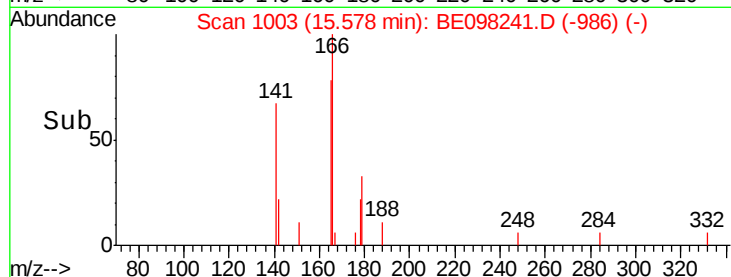
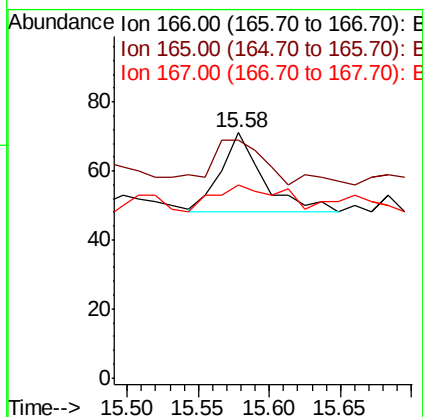
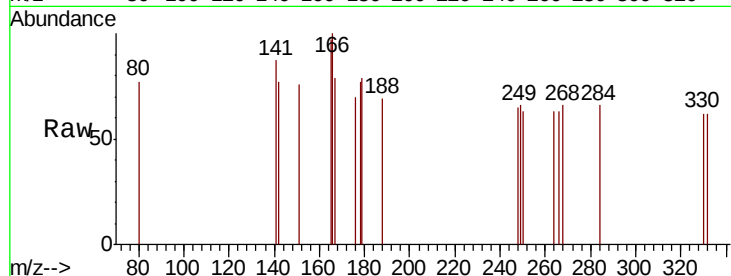
Tgt Ion:166 Resp: 48

Ion Ratio Lower Upper

166 100

165 66.7 80.1 120.1#

167 58.3 10.8 16.2#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

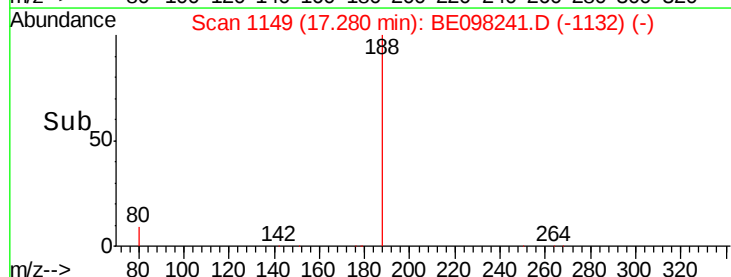
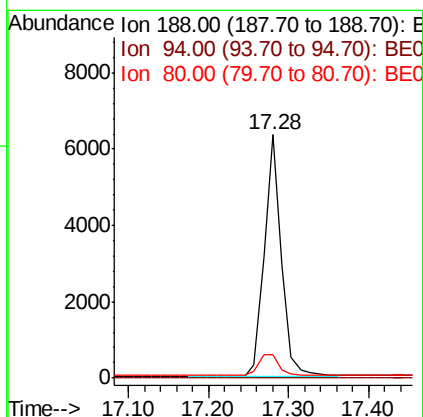
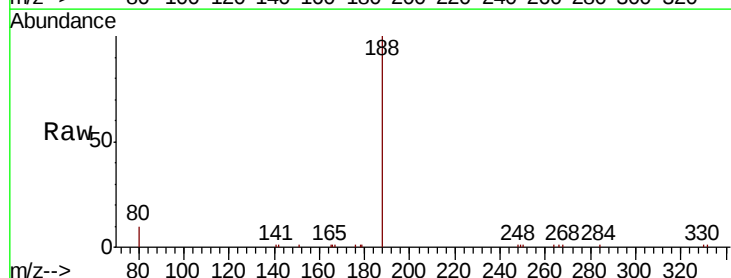
Tgt Ion:188 Resp: 9547

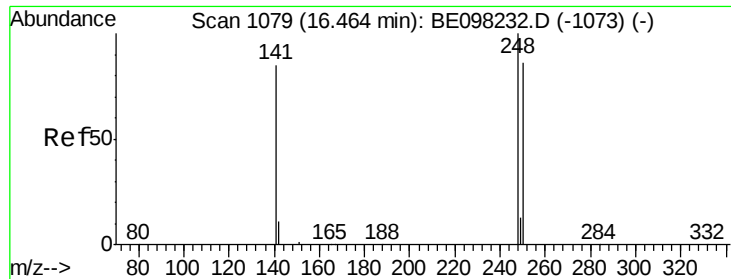
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 6.7 10.1

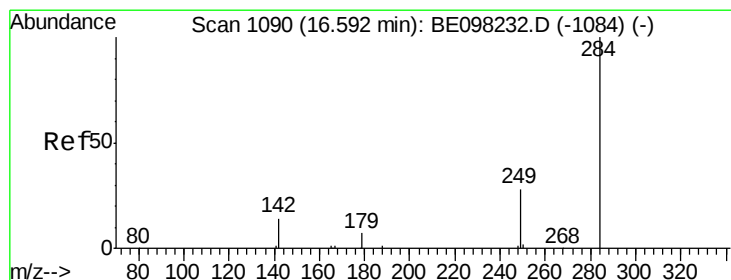
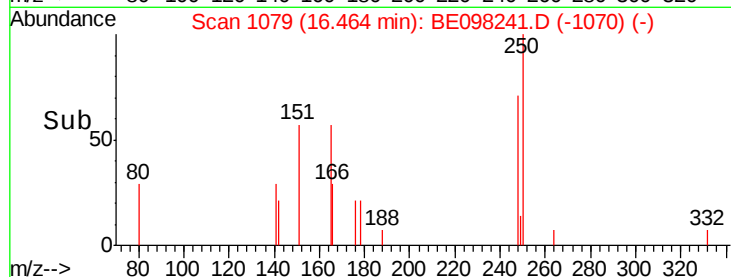
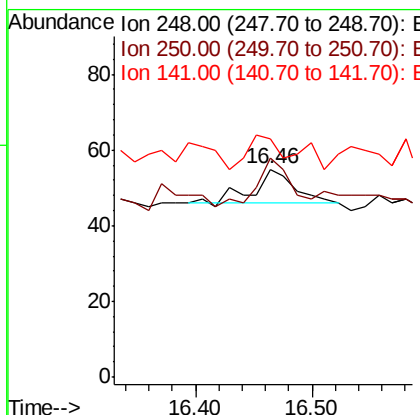
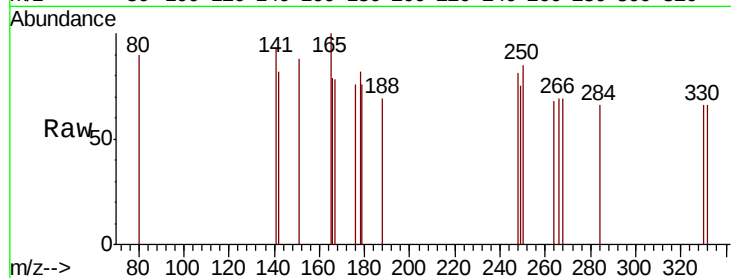




#20
4-Bromophenyl-phenylether
Concen: 0.004 ng
RT: 16.46 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BE098241.D
Acq: 16 Nov 2018 22:11

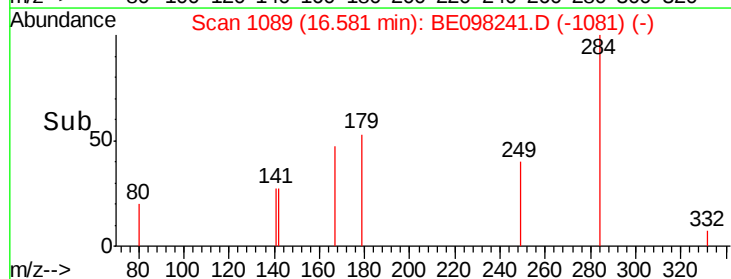
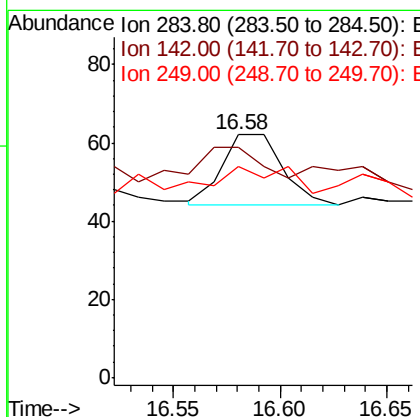
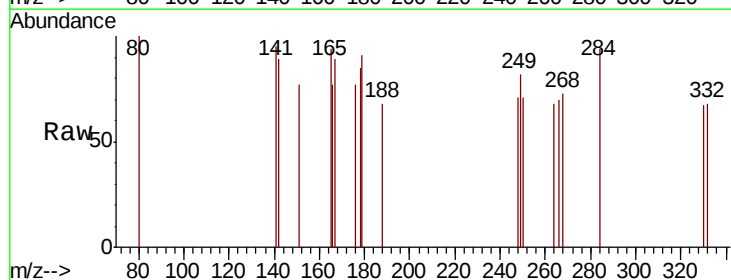
Instrument :
BNA_E
ClientSampleId :
KY038PS036-181112

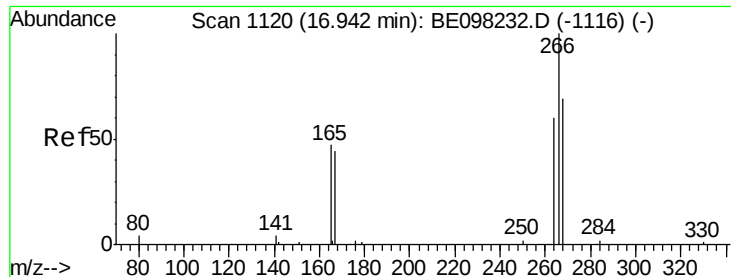
Tgt Ion: 248 Resp: 21
Ion Ratio Lower Upper
248 100
250 105.5 77.6 116.4
141 114.5 65.8 98.8#



#21
Hexachlorobenzene
Concen: 0.006 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE098241.D
Acq: 16 Nov 2018 22:11

Tgt Ion: 284 Resp: 36
Ion Ratio Lower Upper
284 100
142 55.6 26.5 39.7#
249 44.4 28.4 42.6#





#22

Pentachlorophenol

Concen: 0.116 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

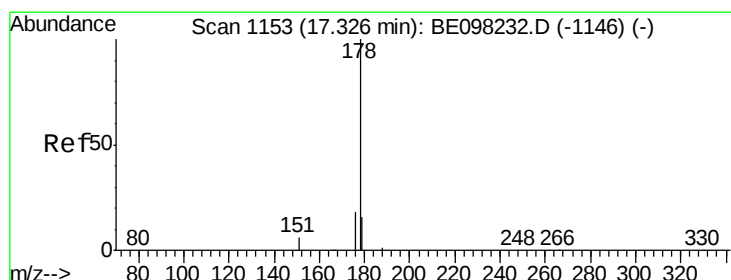
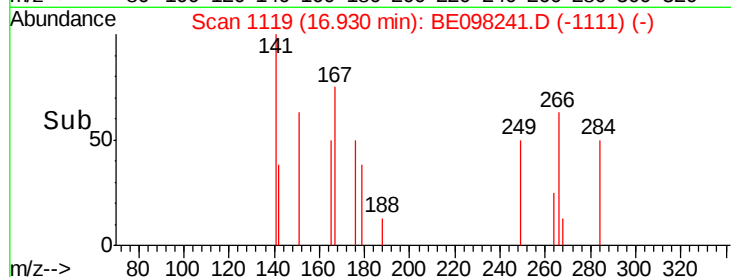
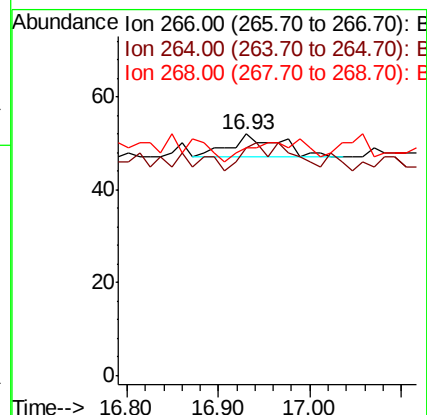
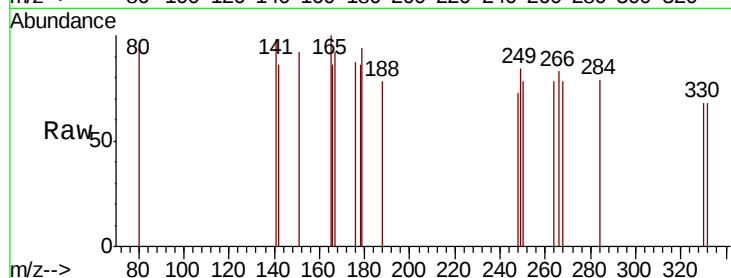
Tgt Ion: 266 Resp: 19

Ion Ratio Lower Upper

266 100

264 94.2 57.6 86.4#

268 94.2 56.8 85.2#



#23

Phenanthrene

Concen: 0.007 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

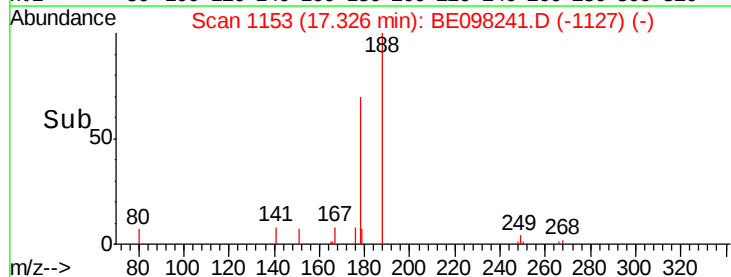
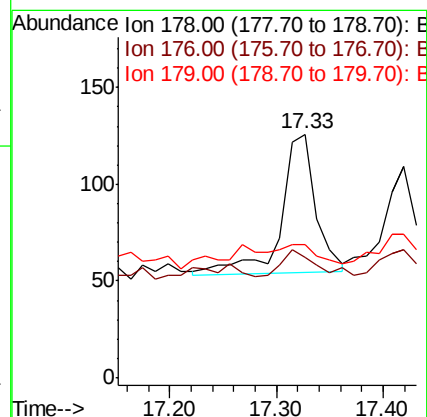
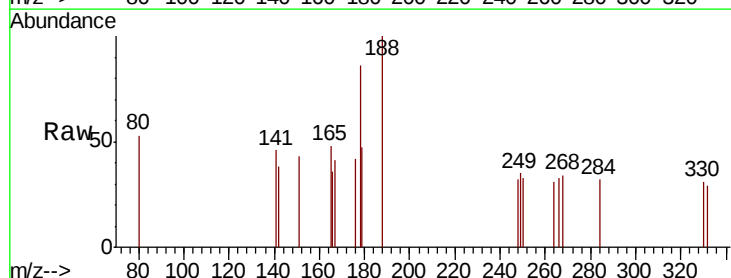
Tgt Ion: 178 Resp: 162

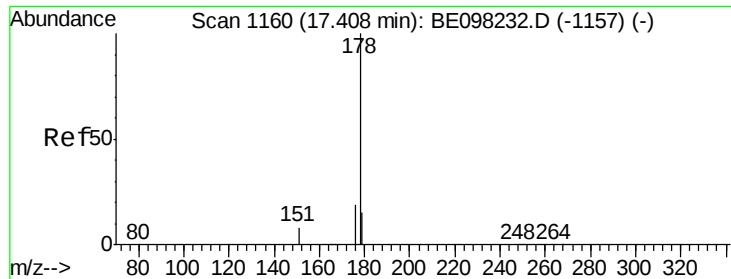
Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

179 14.2 12.3 18.5





#24

Anthracene

Concen: 0.004 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

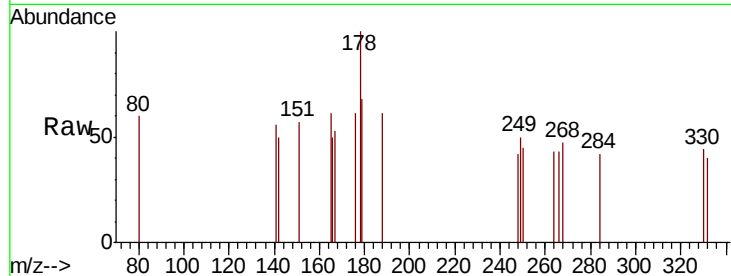
Tgt Ion:178 Resp: 92

Ion Ratio Lower Upper

178 100

176 42.4 15.7 23.5#

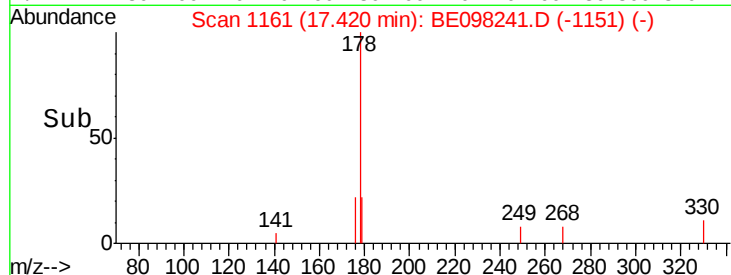
179 48.9 12.1 18.1#



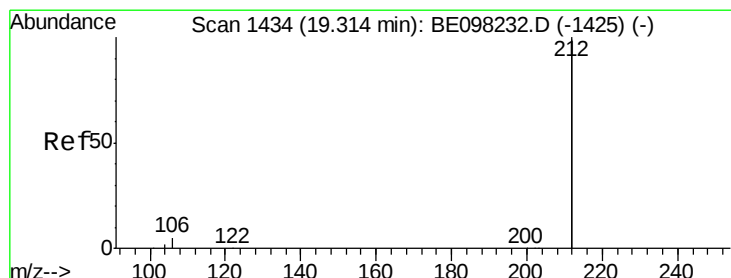
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.446 ng

RT: 19.32 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

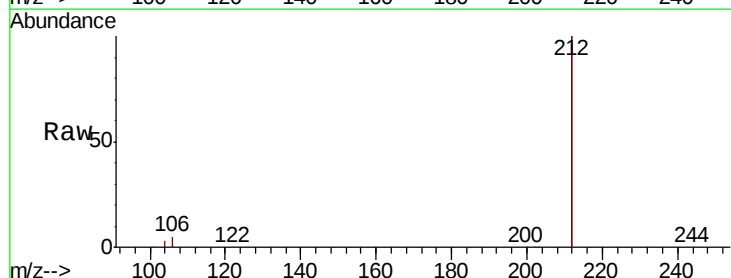
Tgt Ion:212 Resp: 51748

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

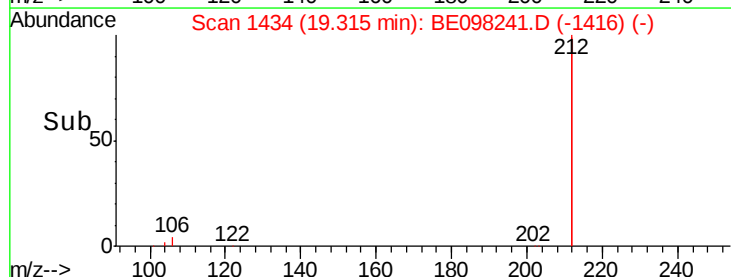
104 1.5 1.1 1.7



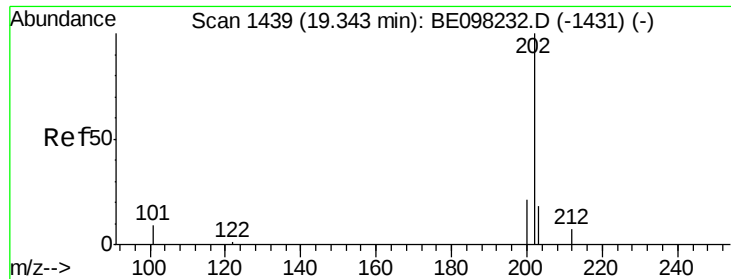
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



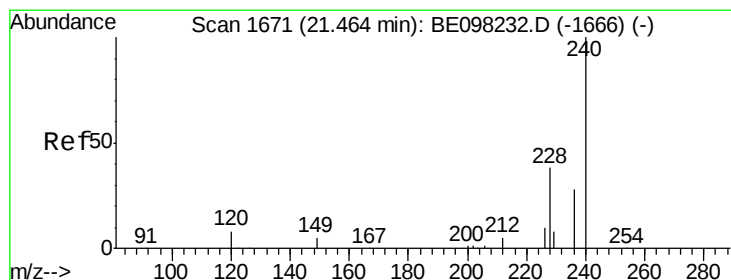
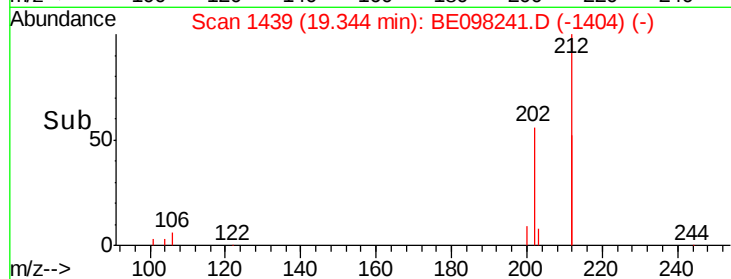
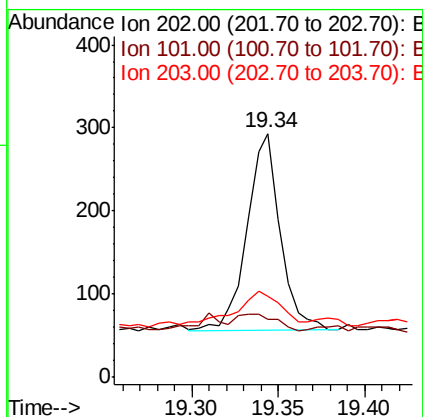
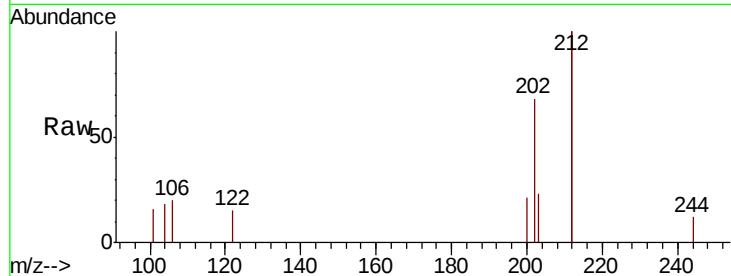
Time-->



#26
 Fluoranthene
 Concen: 0.011 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BE098241.D
 Acq: 16 Nov 2018 22:11

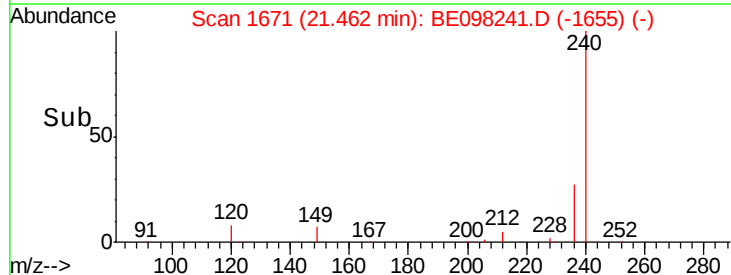
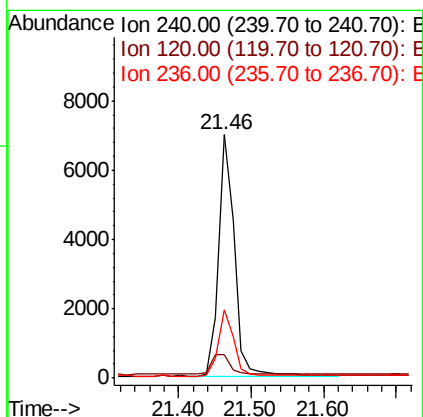
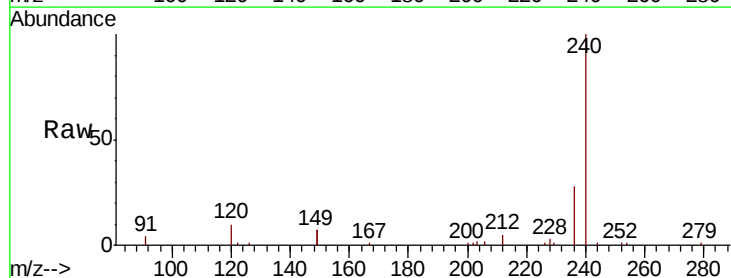
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-181112

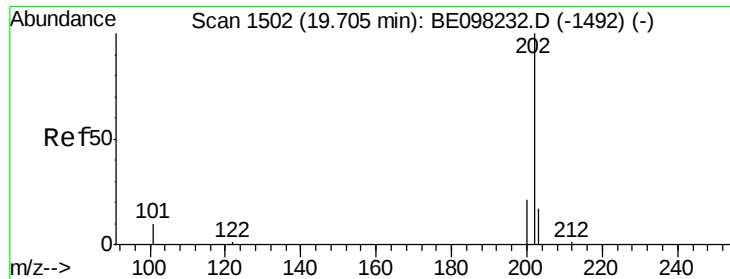
Tgt Ion: 202 Resp: 317
 Ion Ratio Lower Upper
 202 100
 101 9.8 7.0 10.6
 203 22.4 13.7 20.5#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098241.D
 Acq: 16 Nov 2018 22:11

Tgt Ion: 240 Resp: 10577
 Ion Ratio Lower Upper
 240 100
 120 9.7 4.8 7.2#
 236 28.1 21.4 32.0





#28

Pyrene

Concen: 0.011 ng

RT: 19.71 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

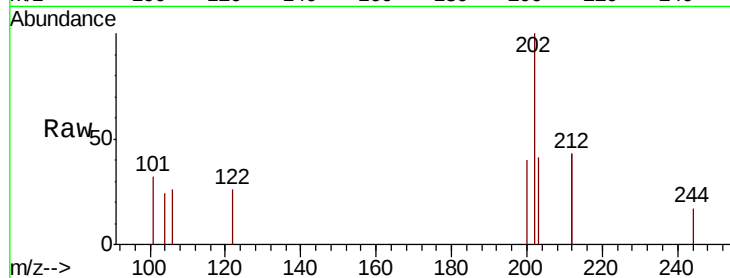
Tgt Ion:202 Resp: 345

Ion Ratio Lower Upper

202 100

200 26.4 17.2 25.8#

203 20.3 14.2 21.4

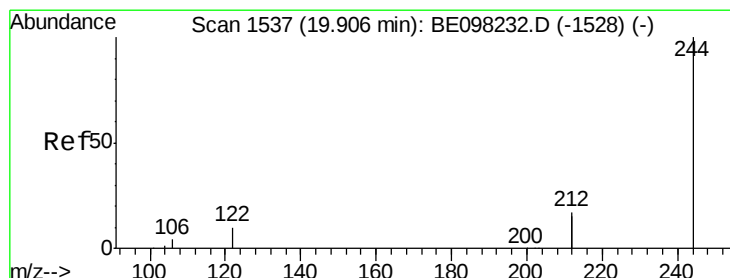
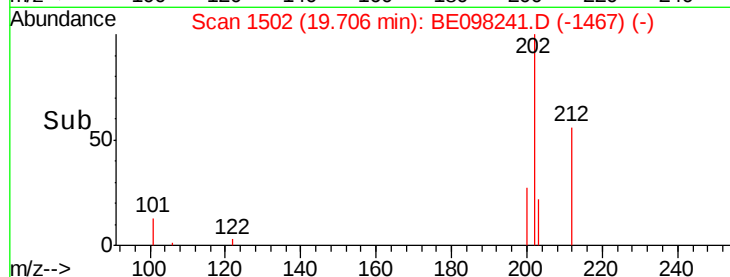
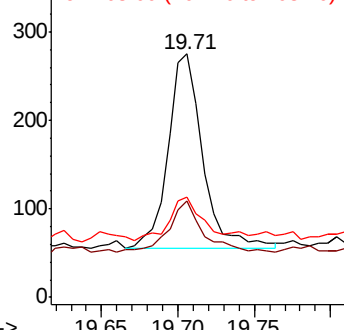


Abundance

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: 0.445 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

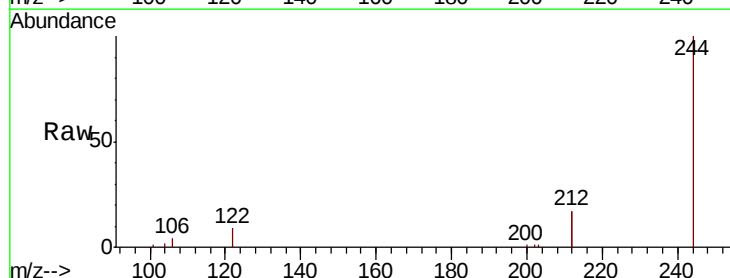
Tgt Ion:244 Resp: 10826

Ion Ratio Lower Upper

244 100

212 34.6 26.8 40.2

122 9.1 7.0 10.6

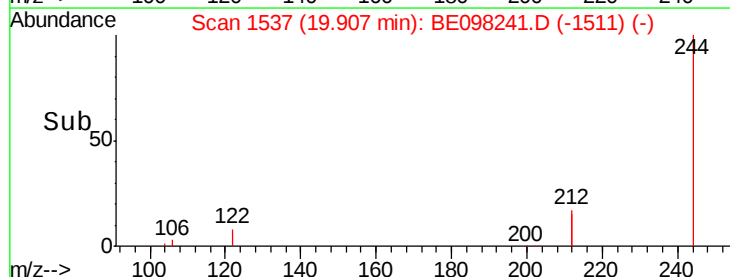
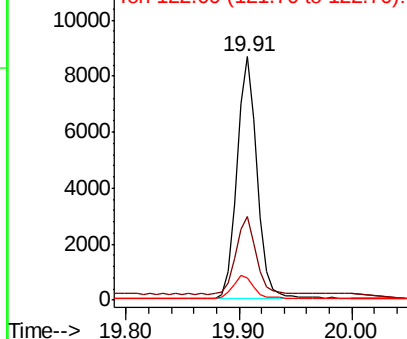


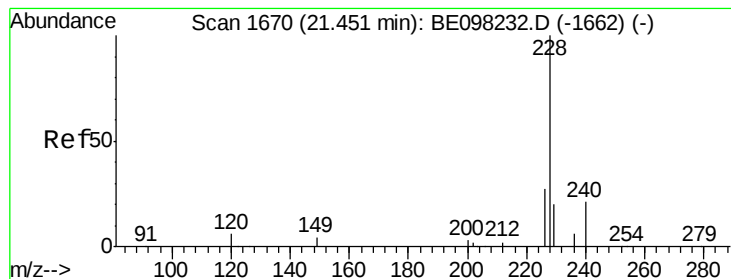
Abundance

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: 0.014 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

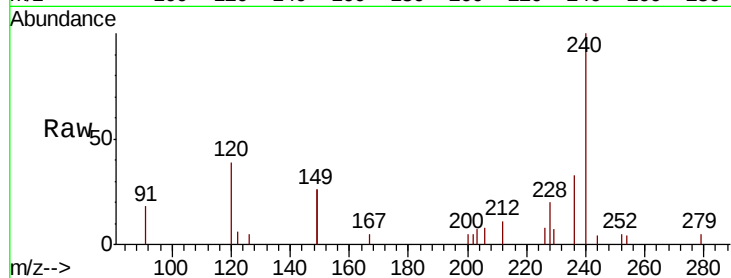
Tgt Ion:228 Resp: 432

Ion Ratio Lower Upper

228 100

226 40.9 20.7 31.1#

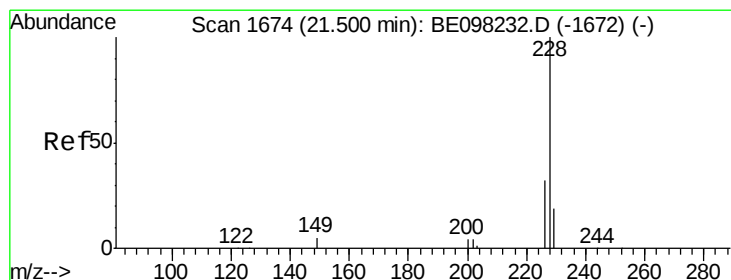
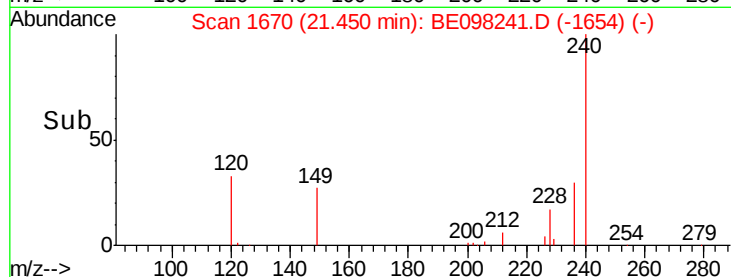
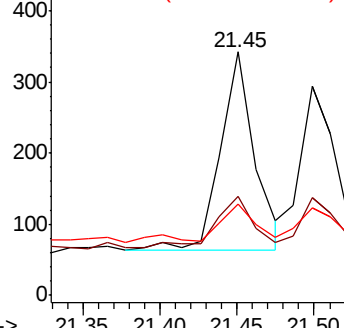
229 37.4 16.2 24.4#



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



#31

Chrysene

Concen: 0.012 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

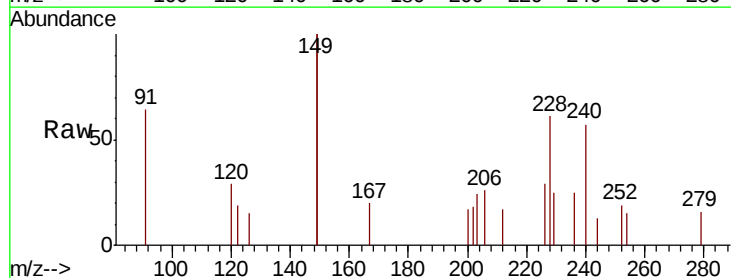
Tgt Ion:228 Resp: 369

Ion Ratio Lower Upper

228 100

226 47.1 24.6 36.8#

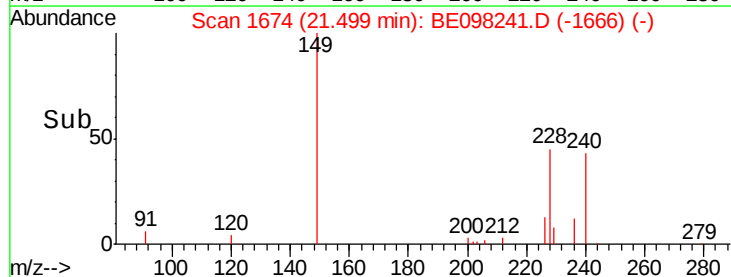
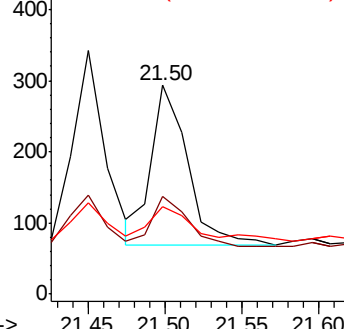
229 42.0 16.0 24.0#

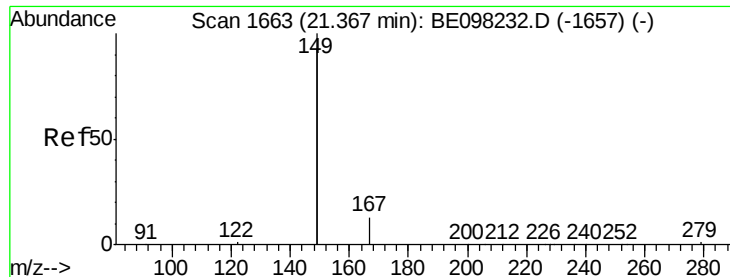


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.067 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

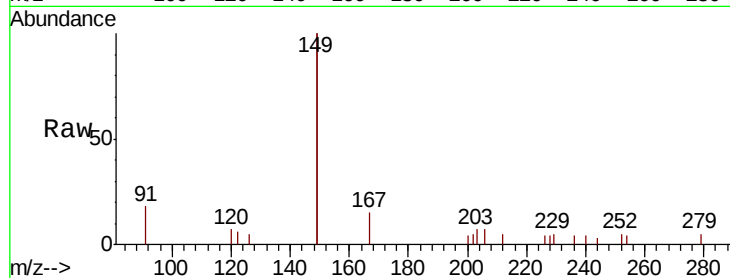
Tgt Ion:149 Resp: 3182

Ion Ratio Lower Upper

149 100

167 8.2 5.6 8.4

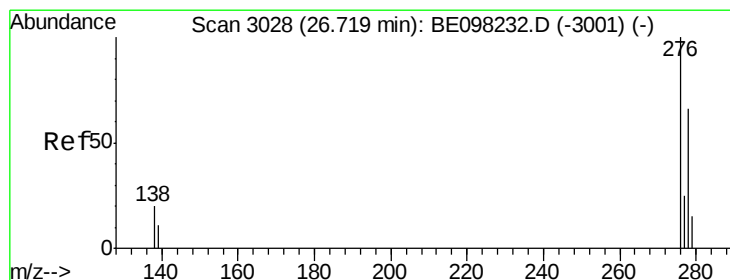
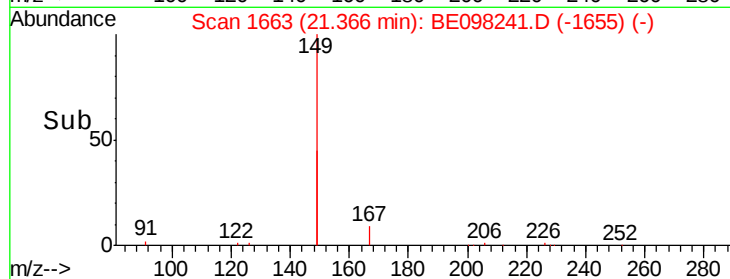
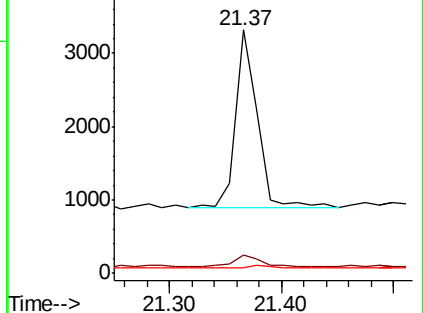
279 1.4 0.9 1.3#



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: 0.002 ng

RT: 26.71 min Scan# 3025

Delta R.T. -0.01 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

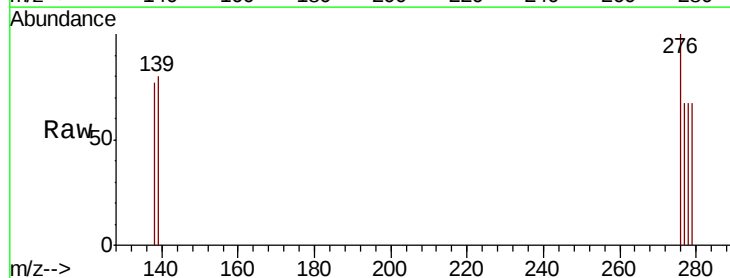
Tgt Ion:276 Resp: 50

Ion Ratio Lower Upper

276 100

138 22.0 6.4 9.6#

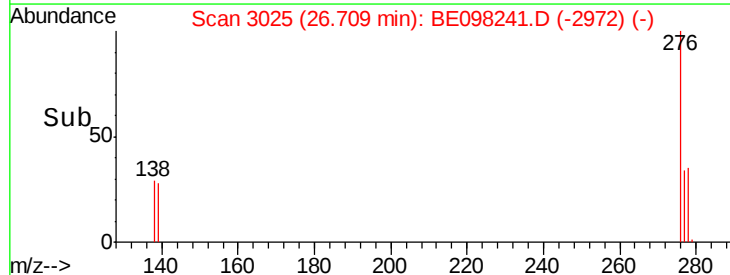
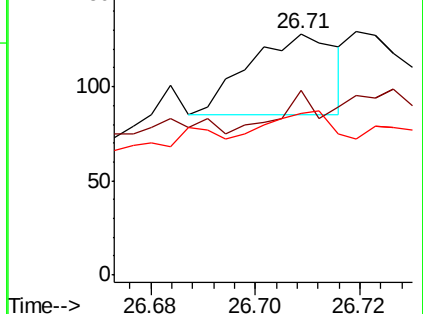
277 24.0 18.9 28.3

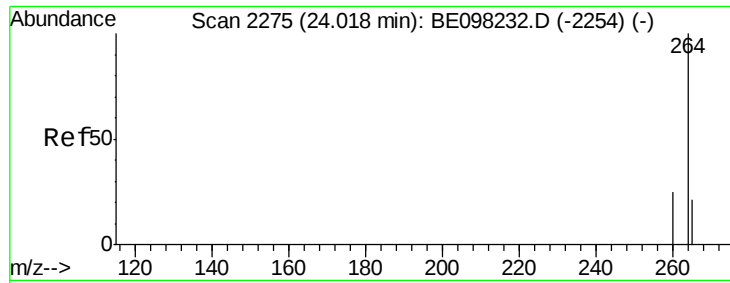


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

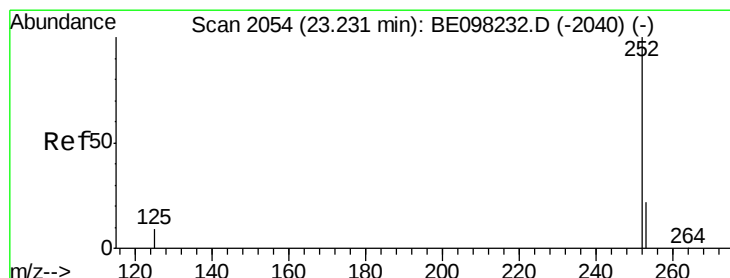
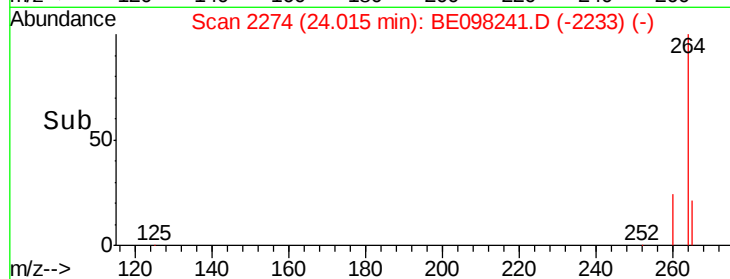
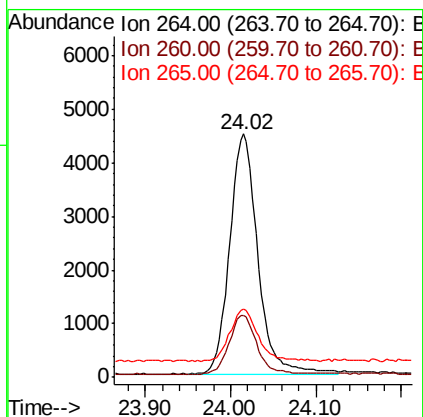
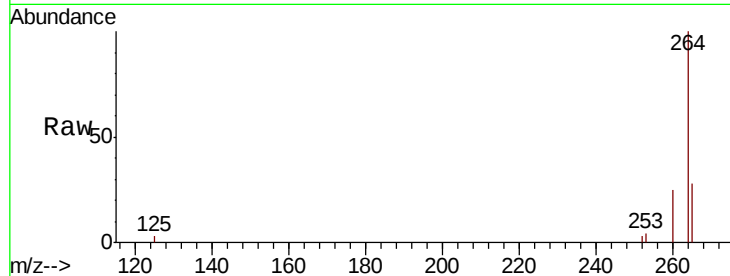




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 24.02 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: BE098241.D
 Acq: 16 Nov 2018 22:11

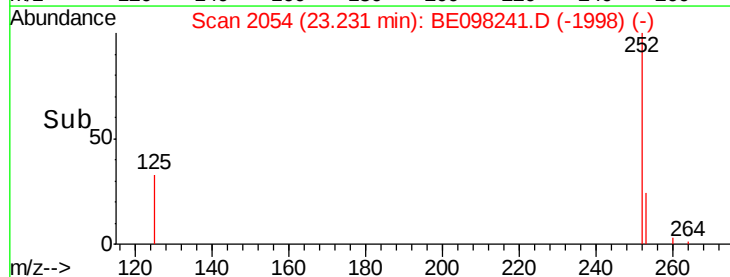
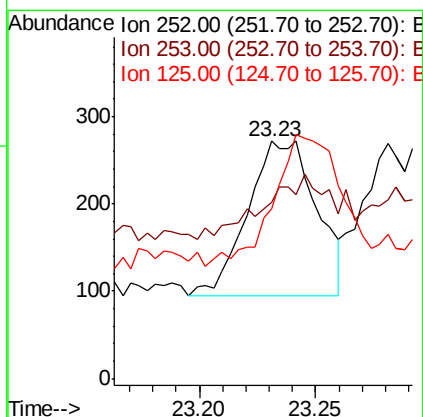
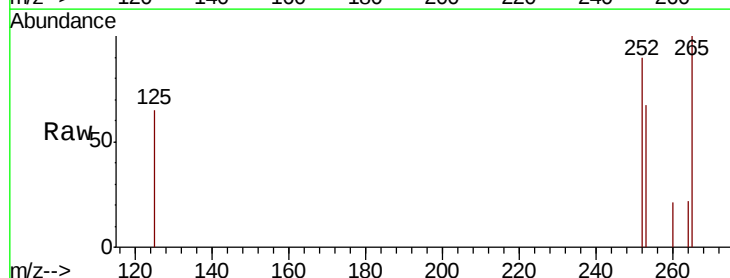
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS036-181112

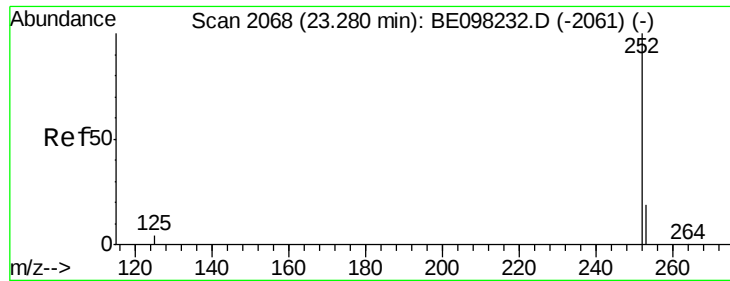
Tgt Ion: 264 Resp: 10230
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.9 29.9
 265 28.0 21.3 31.9



#35
Benzo(b)fluoranthene
 Concen: 0.013 ng
 RT: 23.23 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BE098241.D
 Acq: 16 Nov 2018 22:11

Tgt Ion: 252 Resp: 365
 Ion Ratio Lower Upper
 252 100
 253 74.3 19.4 29.0#
 125 71.7 8.6 12.8#





#36

Benzo(k)fluoranthene

Concen: 0.010 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

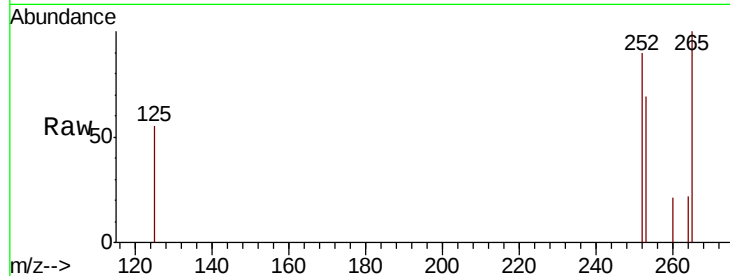
Tgt Ion:252 Resp: 326

Ion Ratio Lower Upper

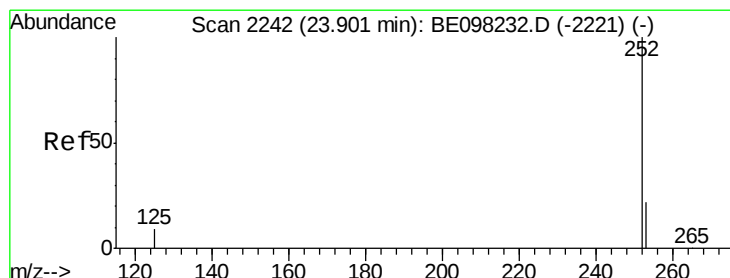
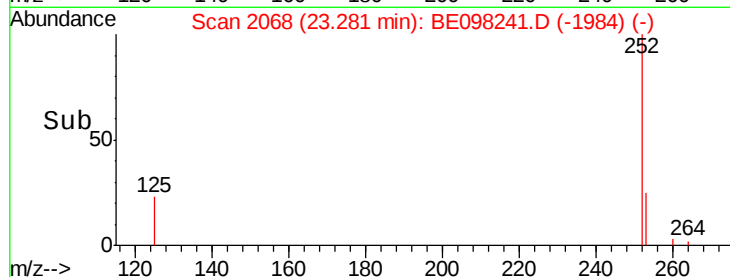
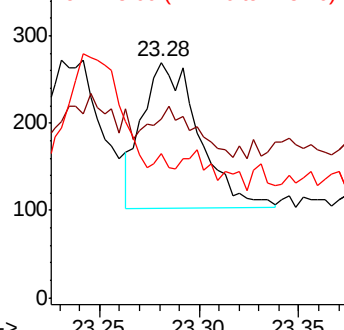
252 100

253 75.9 18.6 28.0#

125 61.1 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: 0.005 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

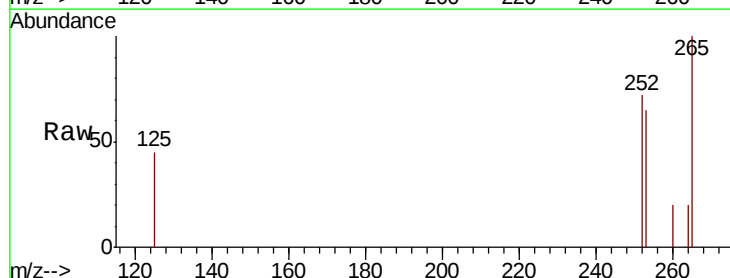
Tgt Ion:252 Resp: 149

Ion Ratio Lower Upper

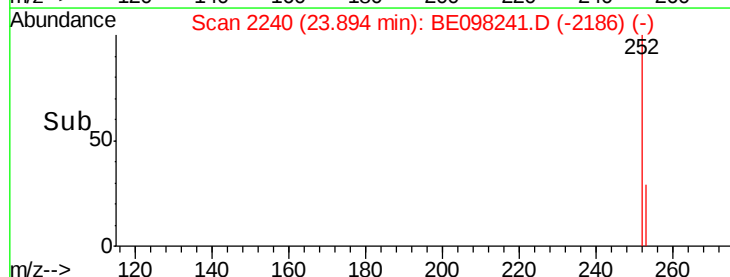
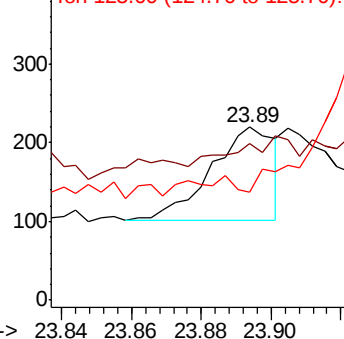
252 100

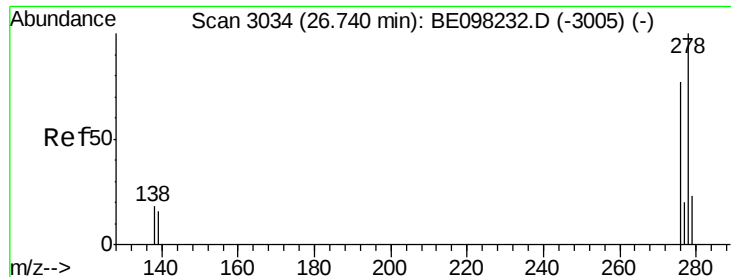
253 90.5 18.6 27.8#

125 62.3 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: 0.005 ng

RT: 26.73 min Scan# 3031

Delta R.T. -0.01 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

Instrument :

BNA_E

ClientSampleId :

KY038PS036-181112

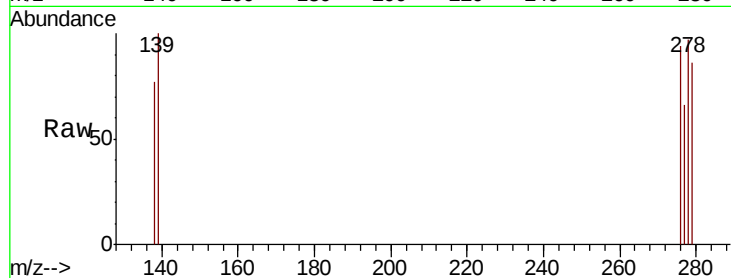
Tgt Ion: 278 Resp: 108

Ion Ratio Lower Upper

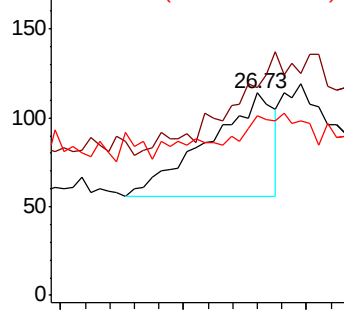
278 100

139 102.6 16.4 24.6#

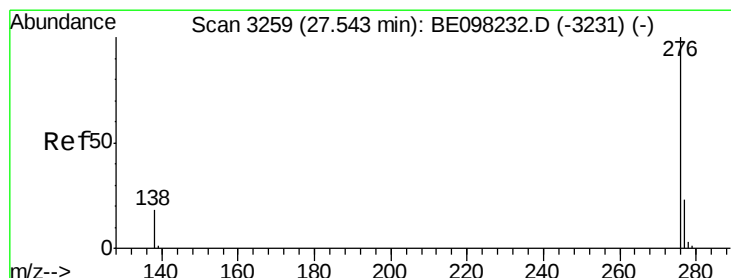
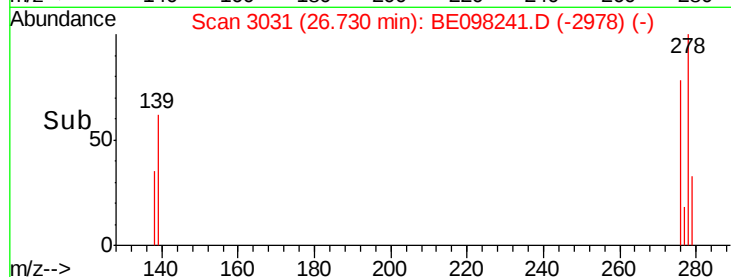
279 88.6 21.3 31.9#



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



Time--> 26.65 26.70 26.75



#39

Benzo(g,h,i)perylene

Concen: 0.005 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BE098241.D

Acq: 16 Nov 2018 22:11

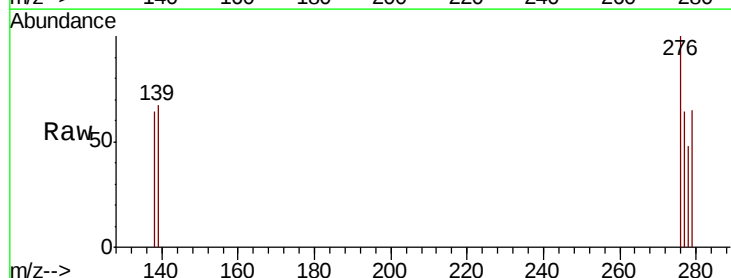
Tgt Ion: 276 Resp: 130

Ion Ratio Lower Upper

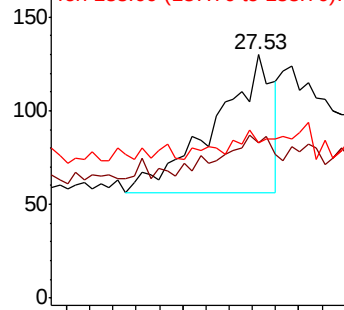
276 100

277 63.8 20.4 30.6#

138 63.8 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



Time--> 27.45 27.50 27.55

