

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102418\
 Data File : BE098039.D
 Acq On : 24 Oct 2018 15:27
 Operator : SJ/JU
 Sample : PB113752BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BFB

Quant Time: Oct 25 04:02:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 24 13:49:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1097	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	4634	0.40	ng	0.01
13) Acenaphthene-d10	14.54	164	3122	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	9148	0.40	ng	0.00
27) Chrysene-d12	21.48	240	11658	0.40	ng	0.00
34) Perylene-d12	24.03	264	11554	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	925	0.28	ng	0.00
5) Phenol-d6	7.07	99	1330	0.24	ng	0.00
8) Nitrobenzene-d5	9.04	82	1372	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	12.28	152	2005	0.24	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	397	0.25	ng	0.01
15) 2-Fluorobiphenyl	13.17	172	2982	0.24	ng	0.02
25) Fluoranthene-d10	19.33	212	32289	0.28	ng	0.00
29) Terphenyl-d14	19.92	244	9466	0.34	ng	0.00

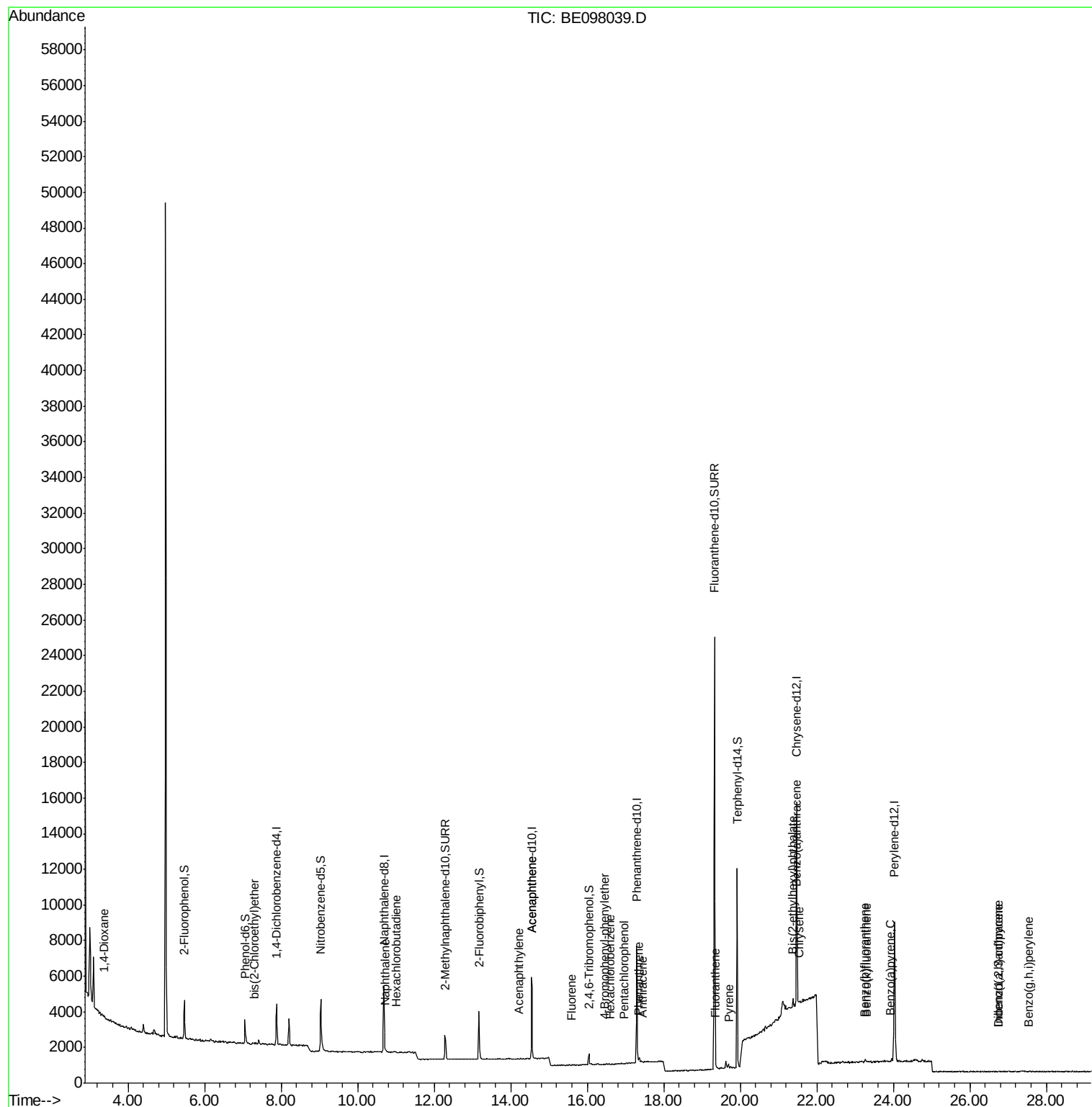
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	15	0.009	ng	# 13
6) bis(2-Chloroethyl)ether	7.29	93	25	0.006	ng	# 1
9) Naphthalene	10.73	128	87	0.002	ng	# 52
10) Hexachlorobutadiene	11.00	225	14	0.004	ng	# 53
16) Acenaphthylene	14.21	152	41	0.003	ng	# 60
17) Acenaphthene	14.54	154	15	0.002	ng	# 69
18) Fluorene	15.59	166	30	0.003	ng	# 24
20) 4-Bromophenyl-phenylether	16.46	248	10	0.002	ng	# 58
21) Hexachlorobenzene	16.59	284	7	0.001	ng	# 1
22) Pentachlorophenol	16.96	266	3	0.006	ng	# 62
23) Phenanthrene	17.34	178	55	0.002	ng	# 60
24) Anthracene	17.43	178	24	0.001	ng	# 61
26) Fluoranthene	19.36	202	20	0.001	ng	# 19
28) Pyrene	19.72	202	27	0.001	ng	# 80
30) Benzo(a)anthracene	21.46	228	107	0.003	ng	# 12
31) Chrysene	21.55	228	20	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.38	149	1401	0.017	ng	# 82
33) Indeno(1,2,3-cd)pyrene	26.73	276	8	0.000	ng	# 23
35) Benzo(b)fluoranthene	23.25	252	17	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.31	252	12	0.000	ng	# 1
37) Benzo(a)pyrene	23.92	252	11	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.75	278	11	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.55	276	1	0.000	ng	# 1

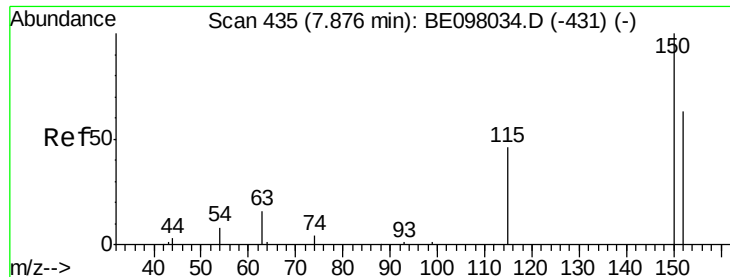
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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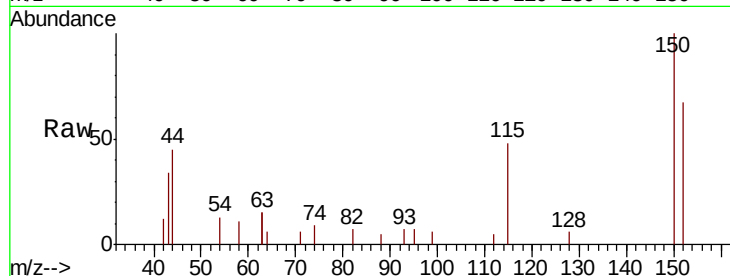


#1

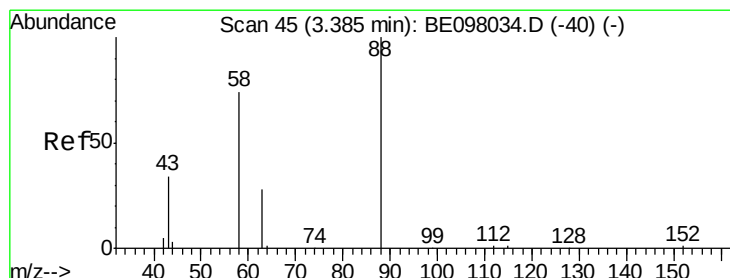
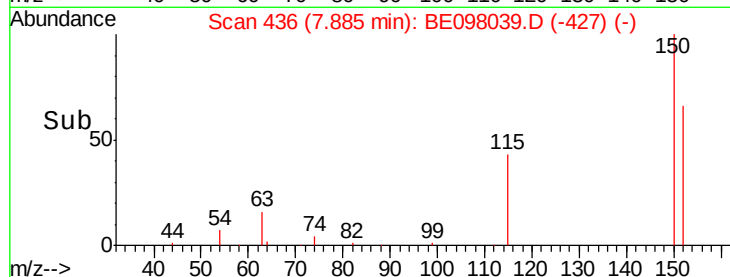
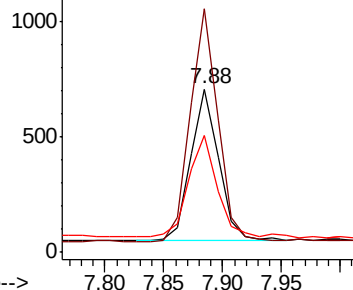
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 436
Delta R.T. 0.01 min
Lab File: BE098039.D
Acq: 24 Oct 2018 15:27

Instrument :
BNA_E
ClientSampled :
BFB

Tgt Ion:152 Resp: 1097
Ion Ratio Lower Upper
152 100
150 148.9 118.2 177.4
115 71.7 50.9 76.3



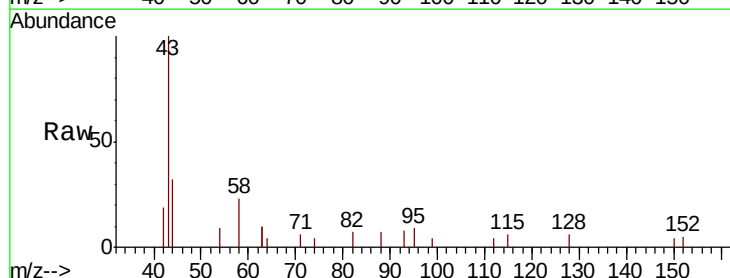
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



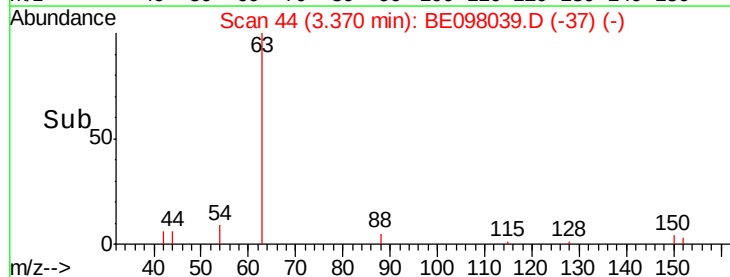
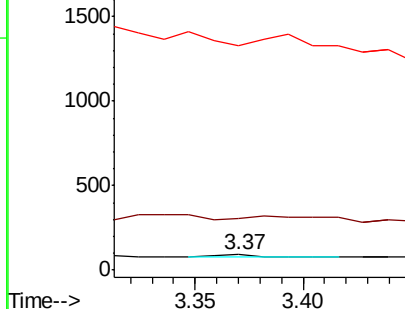
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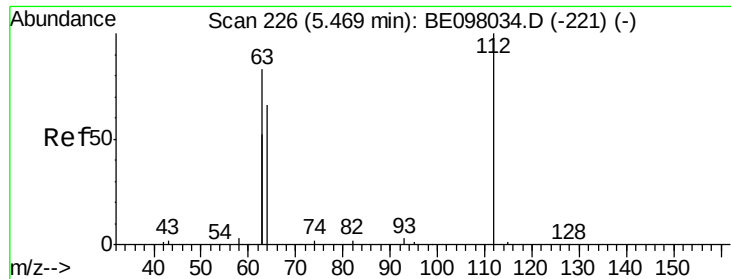
1,4-Dioxane
Concen: 0.009 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE098039.D
Acq: 24 Oct 2018 15:27

Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
58 0.0 73.2 109.8#
43 0.0 36.9 55.3#



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: 0.278 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

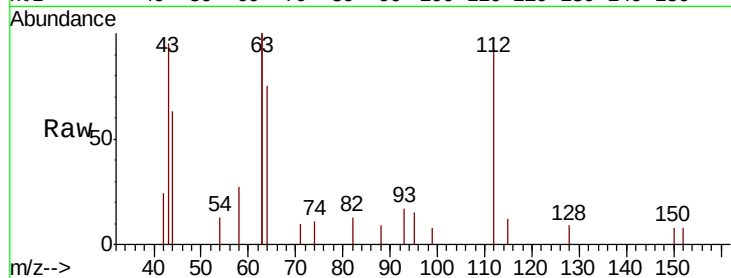
Tgt Ion: 112 Resp: 925

Ion Ratio Lower Upper

112 100

64 83.8 58.9 88.3

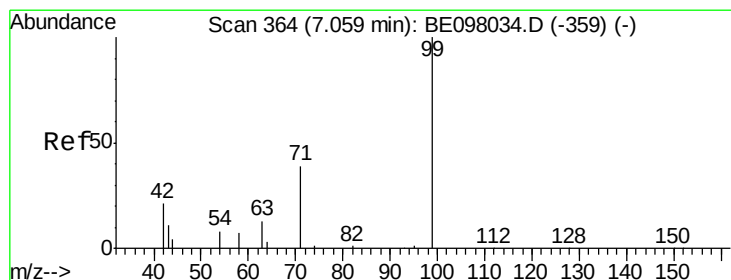
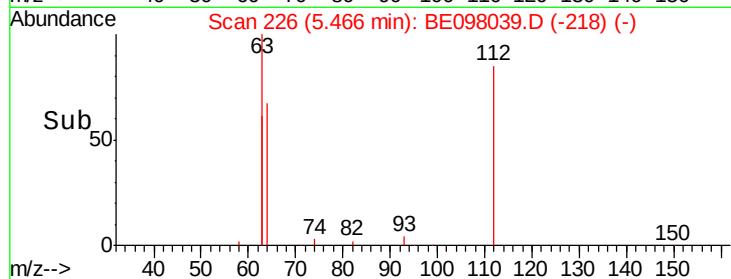
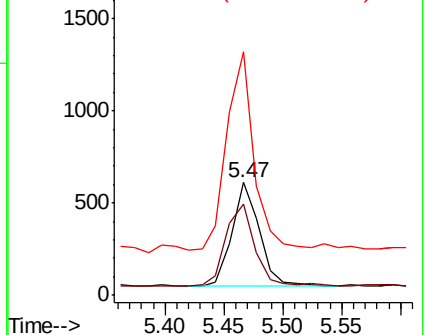
63 188.0 120.3 180.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.240 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

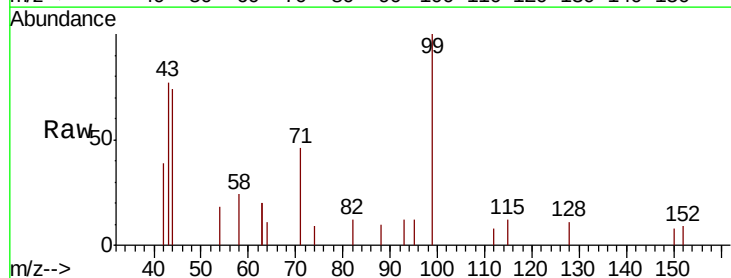
Tgt Ion: 99 Resp: 1330

Ion Ratio Lower Upper

99 100

42 32.3 19.9 29.9#

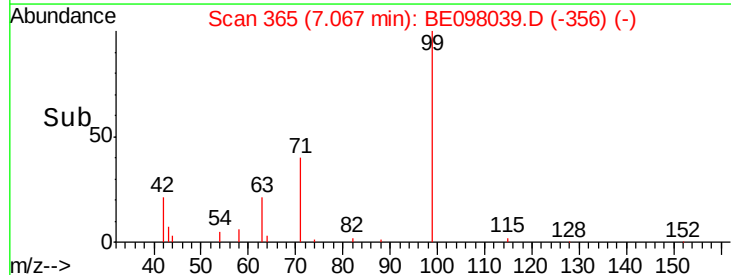
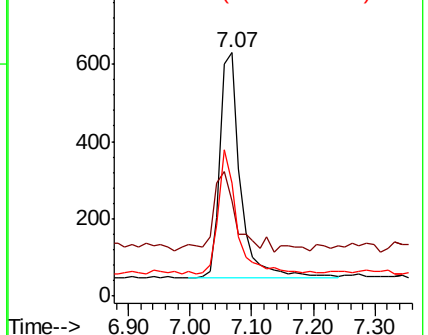
71 50.4 27.8 41.8#

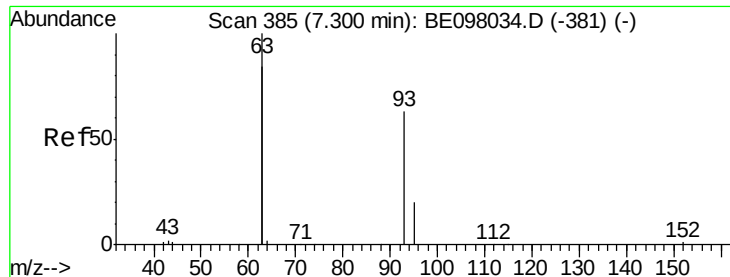


Abundance Ion 99.00 (98.70 to 99.70): BE0

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. -0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampled :

BFB

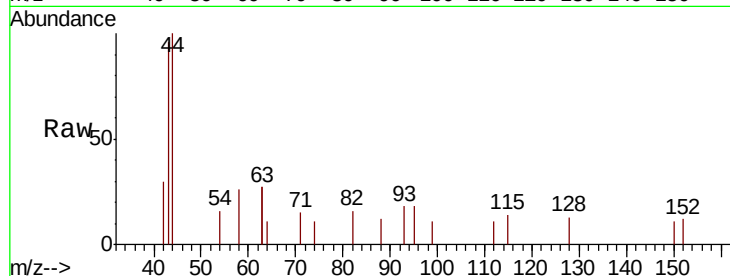
Tgt Ion: 93 Resp: 25

Ion Ratio Lower Upper

93 100

63 0.0 259.0 388.4#

95 212.0 27.8 41.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

300

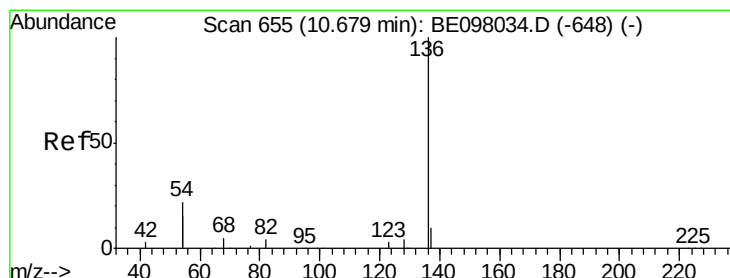
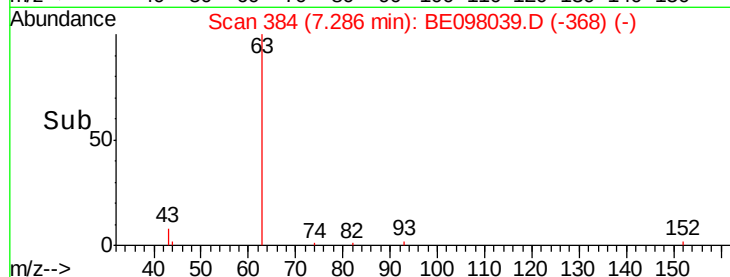
200

100

0

7.25 7.30

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Tgt Ion: 136 Resp: 4634

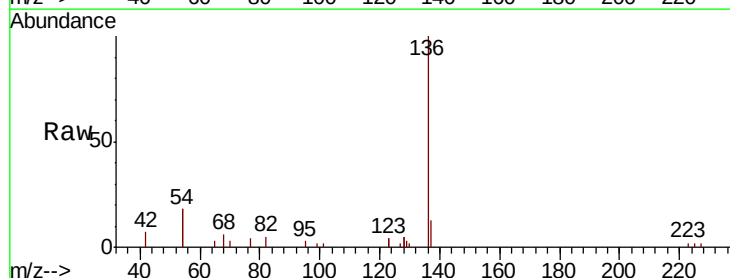
Ion Ratio Lower Upper

136 100

137 13.4 9.6 14.4

54 35.4 27.7 41.5

68 5.7 5.3 7.9



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

3000

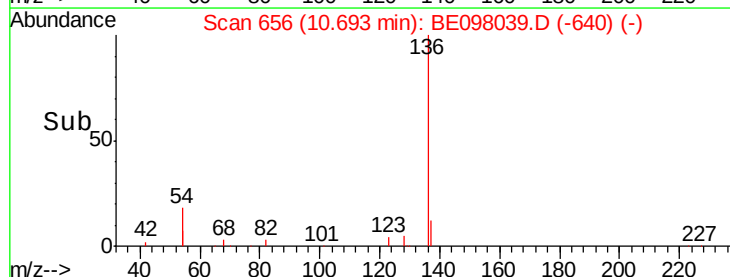
2000

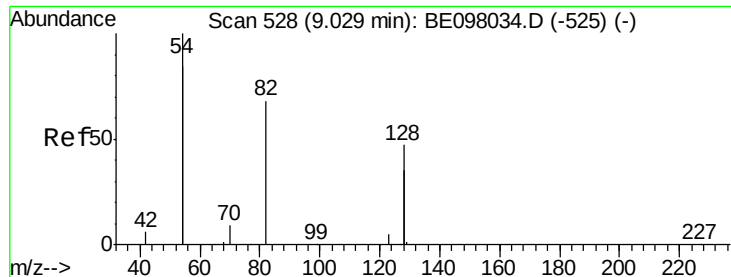
1000

0

10.60 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.278 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

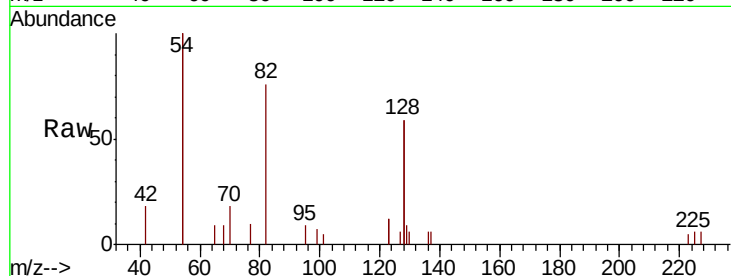
Tgt Ion: 82 Resp: 1372

Ion Ratio Lower Upper

82 100

128 154.8 129.9 194.9

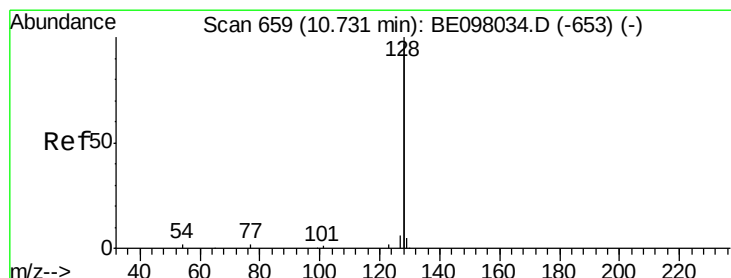
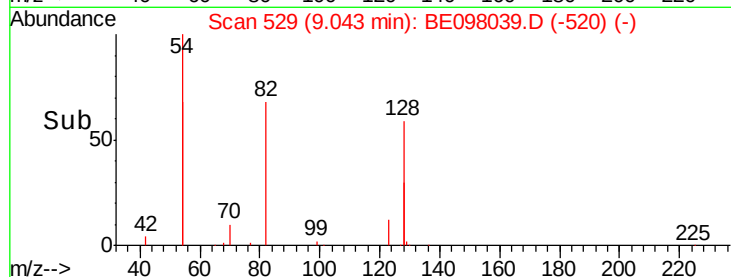
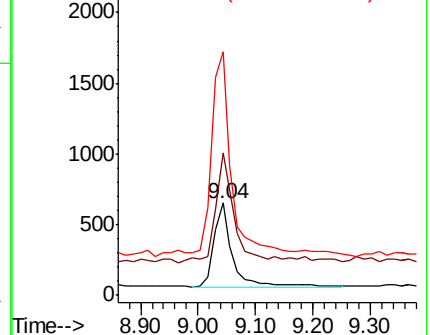
54 264.5 174.0 261.0#



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: 0.002 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

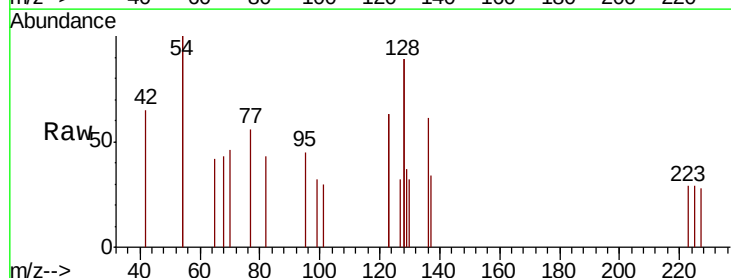
Tgt Ion: 128 Resp: 87

Ion Ratio Lower Upper

128 100

129 20.7 2.5 3.7#

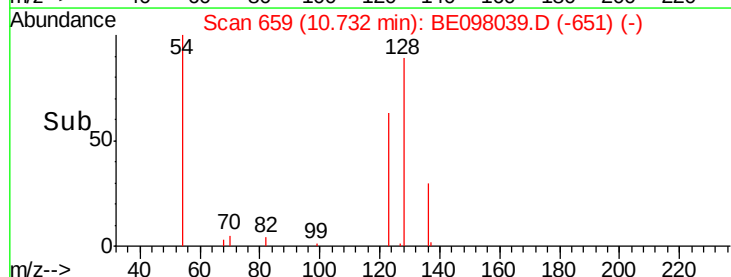
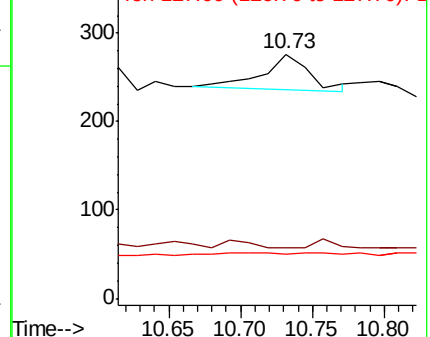
127 18.1 2.8 4.2#

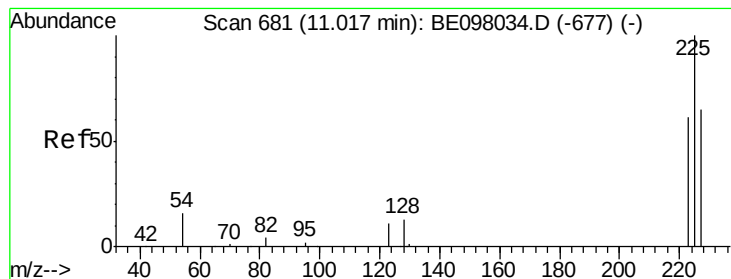


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

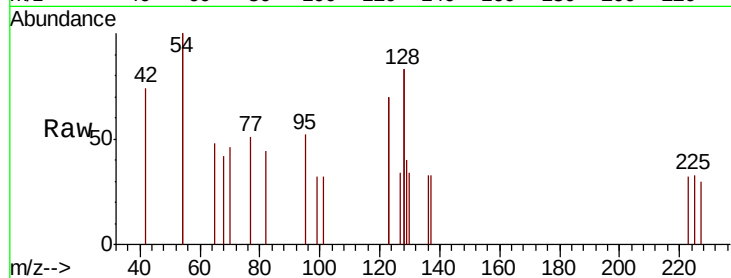




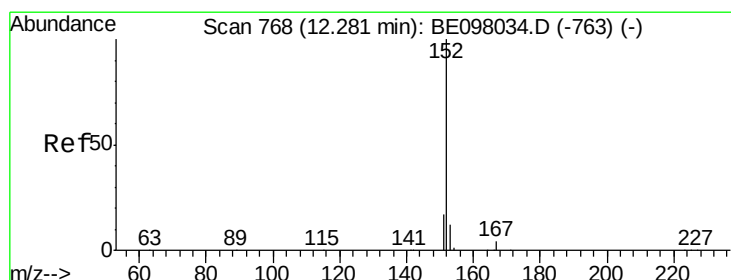
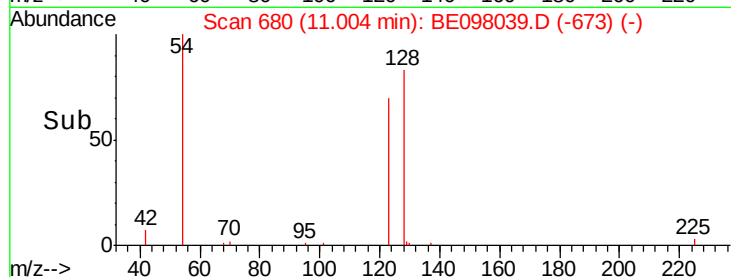
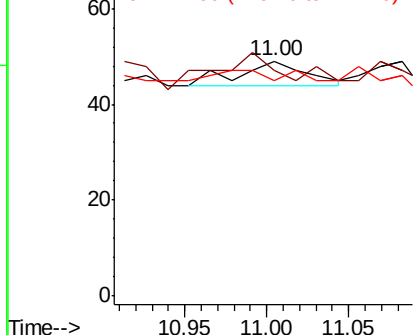
#10
Hexachlorobutadiene
Concen: 0.004 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.01 min
Lab File: BE098039.D
Acq: 24 Oct 2018 15:27

Instrument :
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Tgt Ion: 225 Resp: 14
Ion Ratio Lower Upper
225 100
223 57.1 51.8 77.8
227 0.0 53.0 79.6#

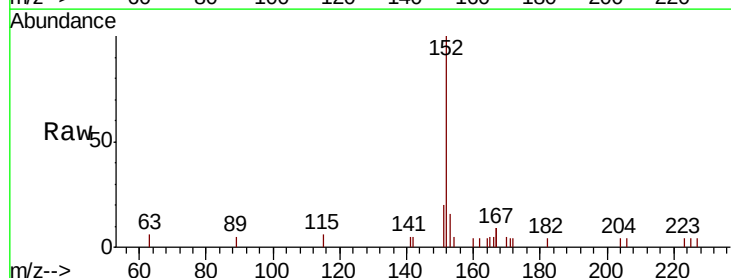


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

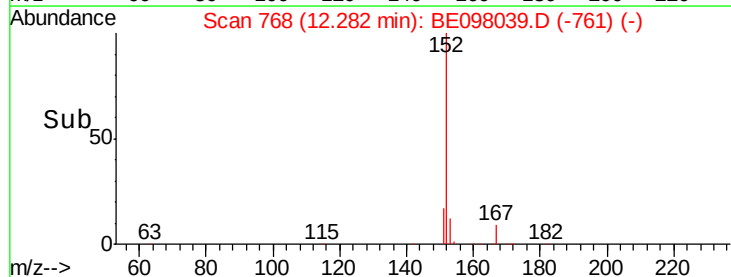
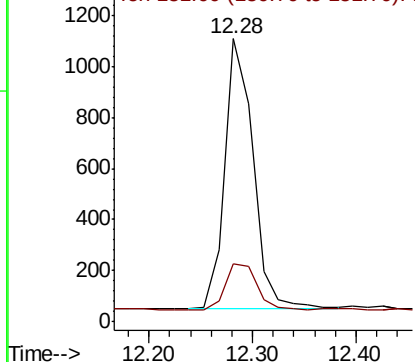


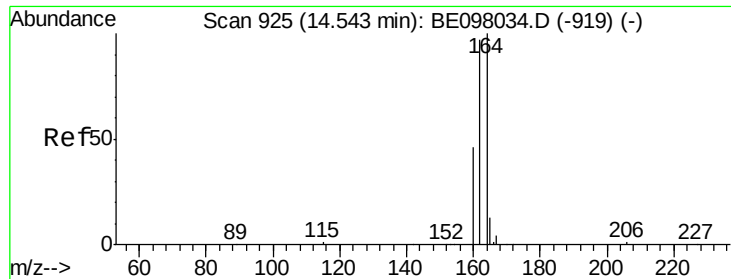
#11
2-Methylnaphthalene-d10
Concen: 0.244 ng
RT: 12.28 min Scan# 768
Delta R.T. 0.00 min
Lab File: BE098039.D
Acq: 24 Oct 2018 15:27

Tgt Ion: 152 Resp: 2005
Ion Ratio Lower Upper
152 100
151 19.1 16.2 24.4



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

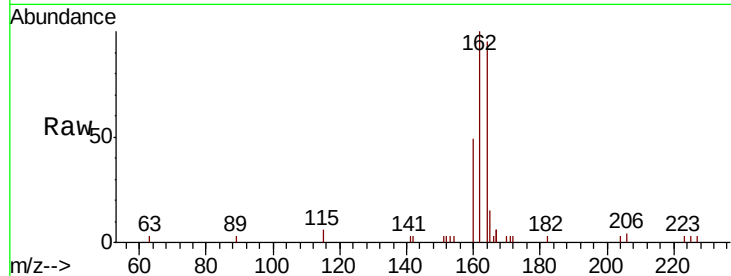




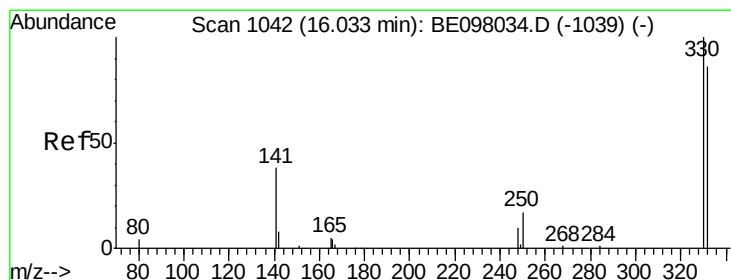
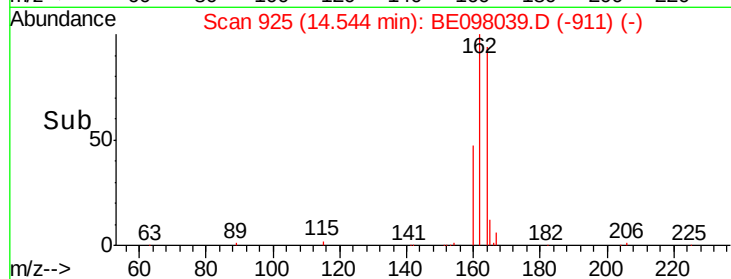
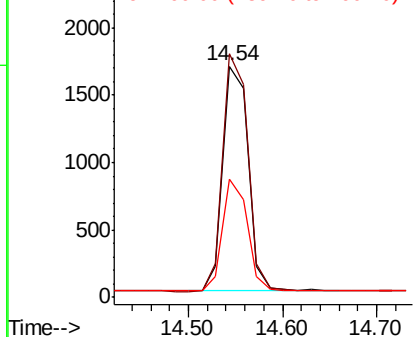
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BE098039.D
 Acq: 24 Oct 2018 15:27

Instrument :
 BNA_E
 ClientSampled :
 BFB

Tgt Ion:164 Resp: 3122
 Ion Ratio Lower Upper
 164 100
 162 105.4 77.4 116.2
 160 51.2 36.5 54.7

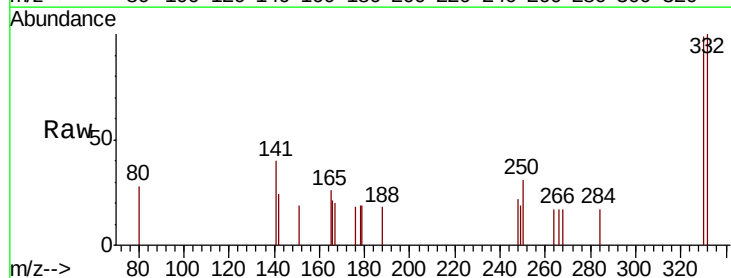


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

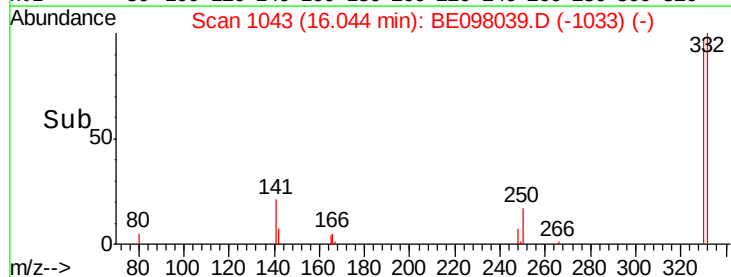
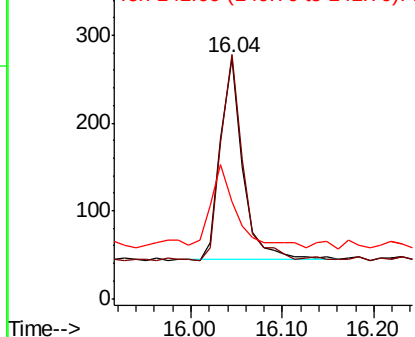


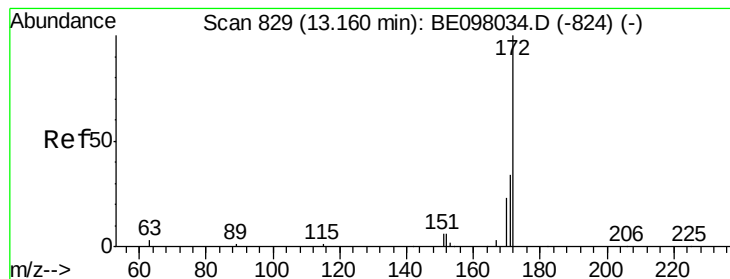
#14
 2,4,6-Tribromophenol
 Concen: 0.253 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BE098039.D
 Acq: 24 Oct 2018 15:27

Tgt Ion:330 Resp: 397
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.5 114.7
 141 45.8 31.8 47.6



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: 0.236 ng

RT: 13.17 min Scan# 830

Delta R.T. 0.02 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

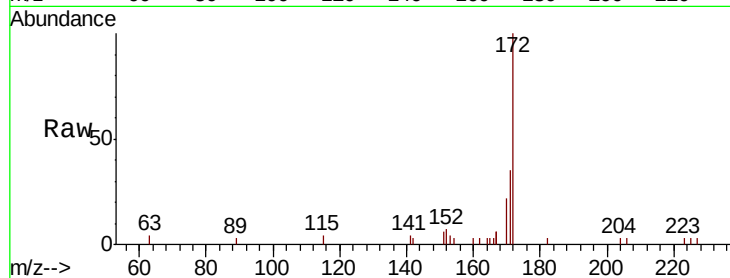
Tgt Ion:172 Resp: 2982

Ion Ratio Lower Upper

172 100

171 35.0 26.0 39.0

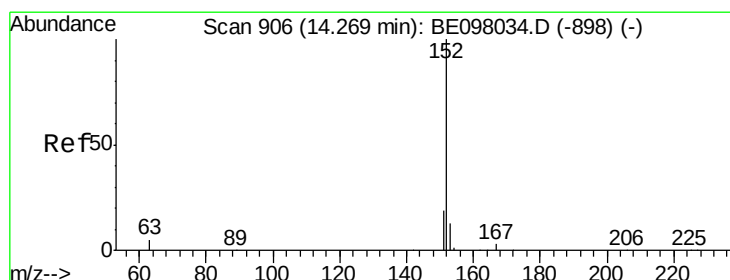
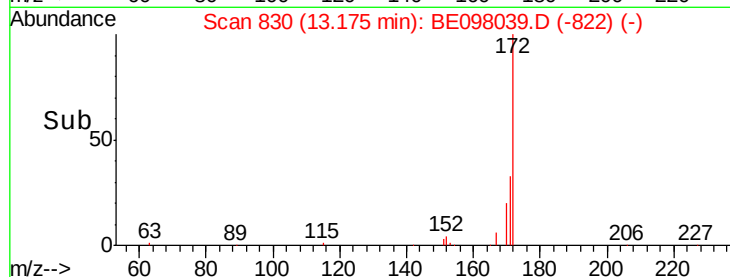
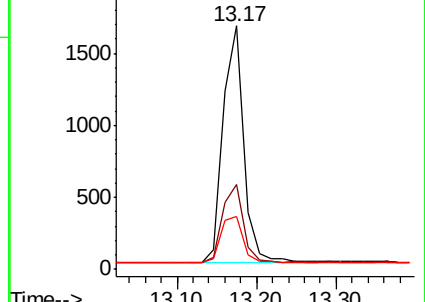
170 21.7 18.0 27.0



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: 0.003 ng

RT: 14.21 min Scan# 902

Delta R.T. -0.06 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

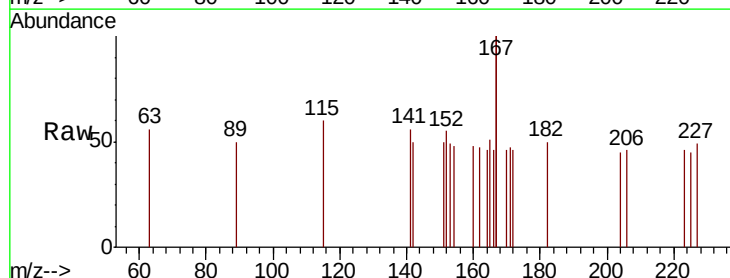
Tgt Ion:152 Resp: 41

Ion Ratio Lower Upper

152 100

151 0.0 16.1 24.1#

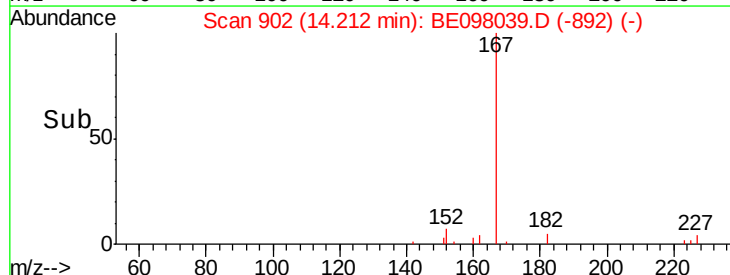
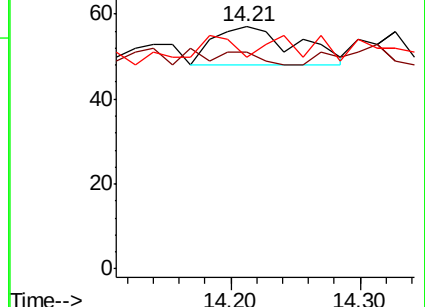
153 0.0 10.9 16.3#

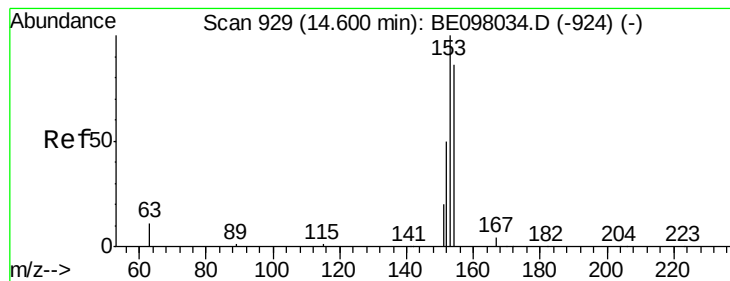


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.002 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.06 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

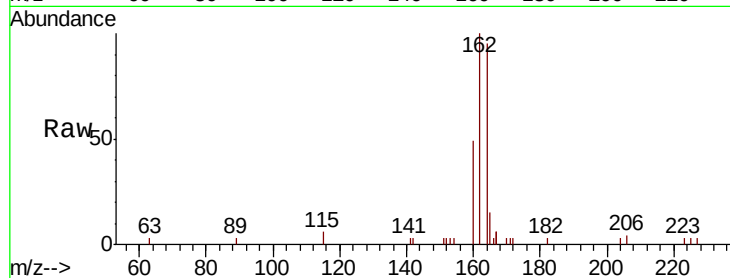
Tgt Ion:154 Resp: 15

Ion Ratio Lower Upper

154 100

153 106.7 92.6 139.0

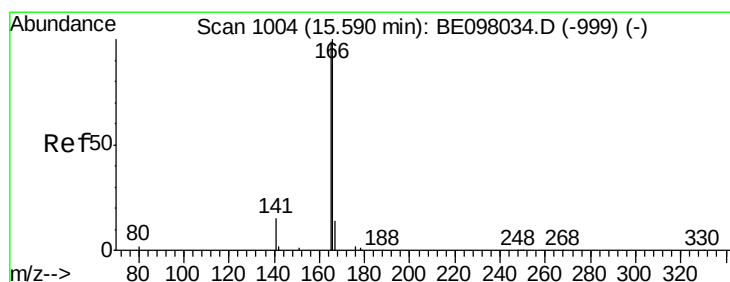
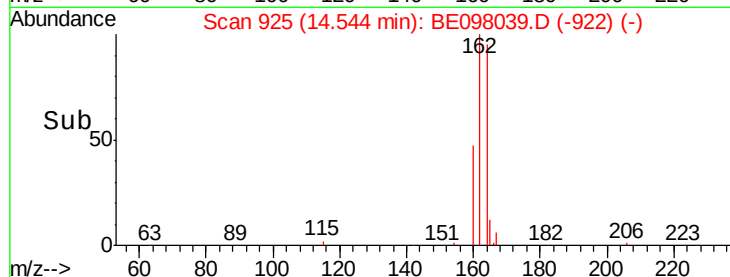
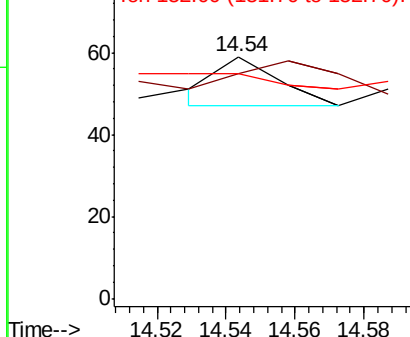
152 0.0 45.5 68.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.003 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

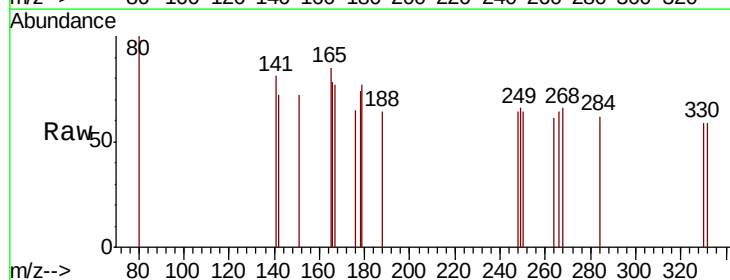
Tgt Ion:166 Resp: 30

Ion Ratio Lower Upper

166 100

165 20.0 78.2 117.4#

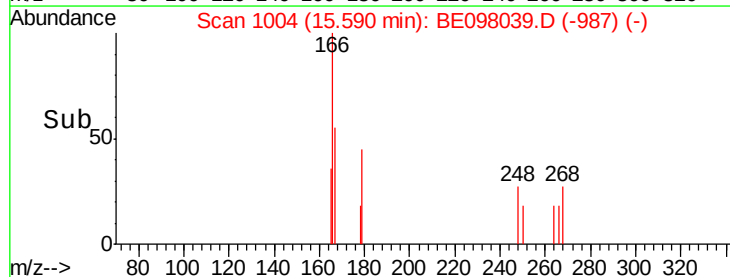
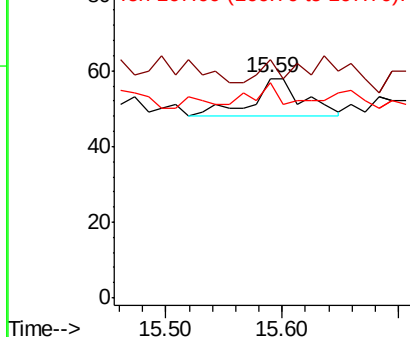
167 36.7 11.0 16.6#

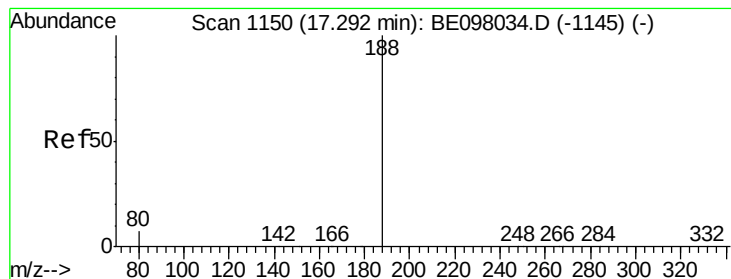


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.29 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

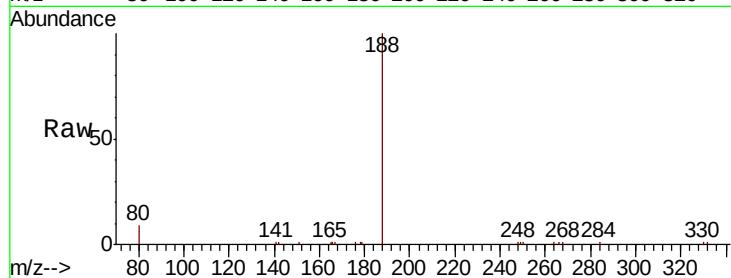
Tgt Ion:188 Resp: 9148

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

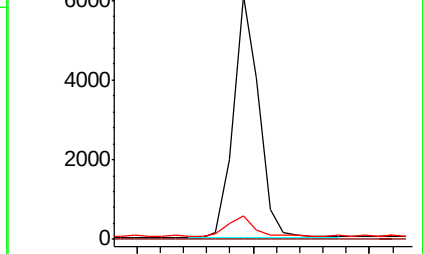
80 9.5 6.3 9.5



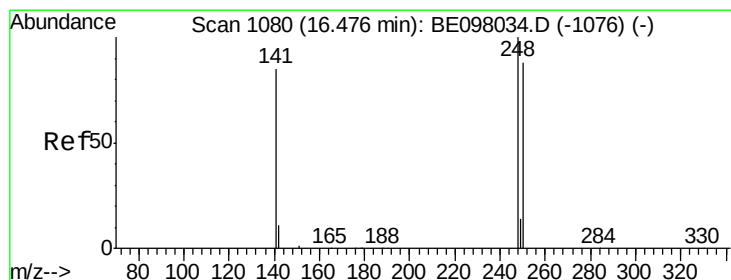
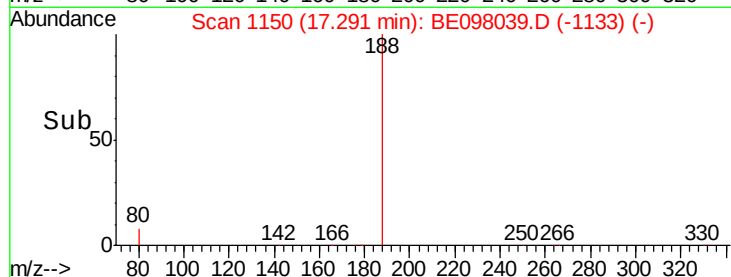
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

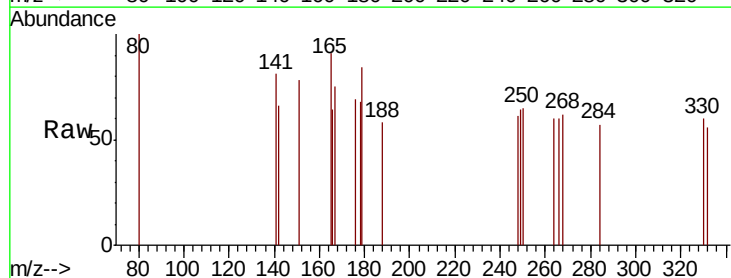
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 106.4 75.1 112.7

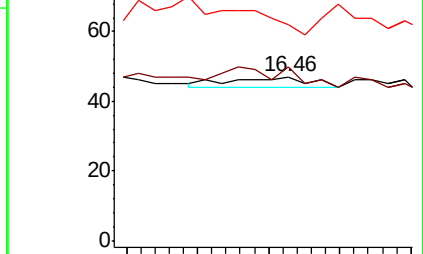
141 131.9 51.8 77.8#



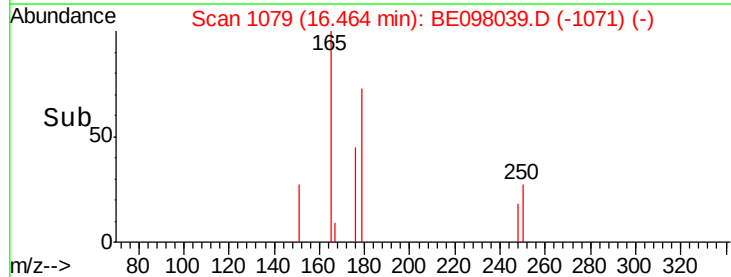
Abundance Ion 248.00 (247.70 to 248.70): E

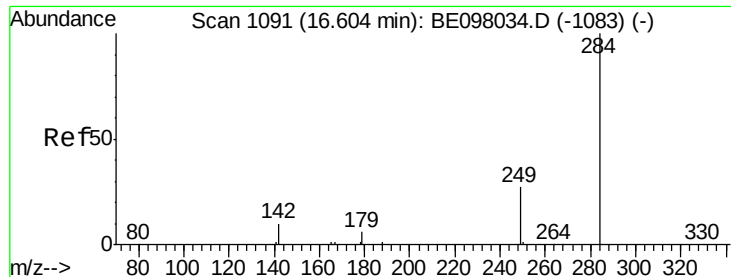
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

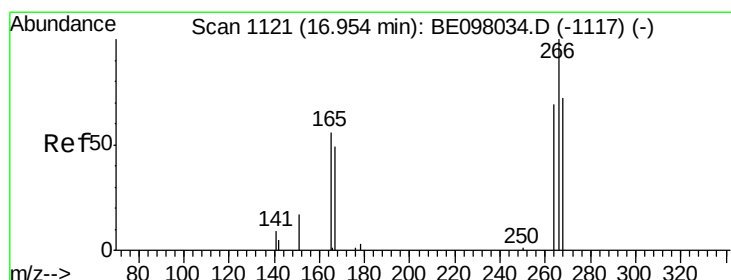
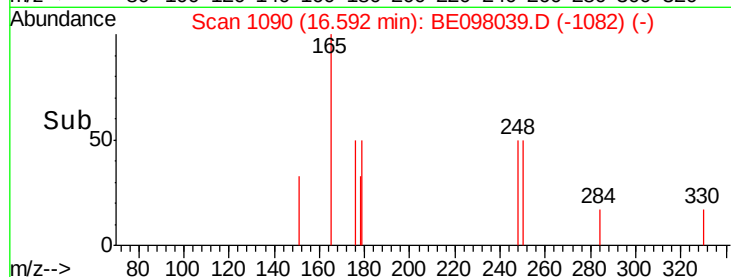
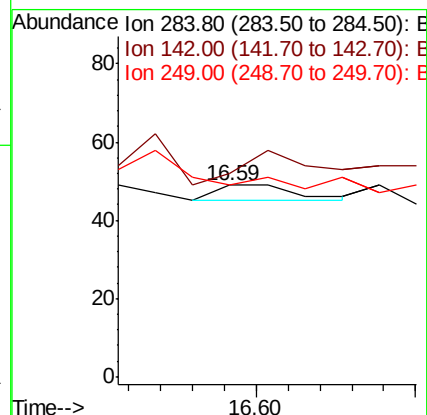
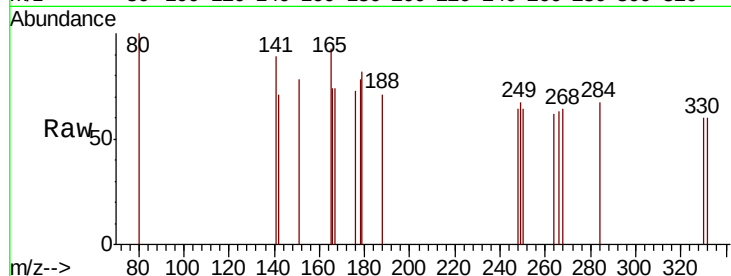
Tgt Ion:284 Resp: 7

Ion Ratio Lower Upper

284 100

142 114.3 25.9 38.9#

249 0.0 26.6 40.0#



#22

Pentachlorophenol

Concen: 0.006 ng

RT: 16.96 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

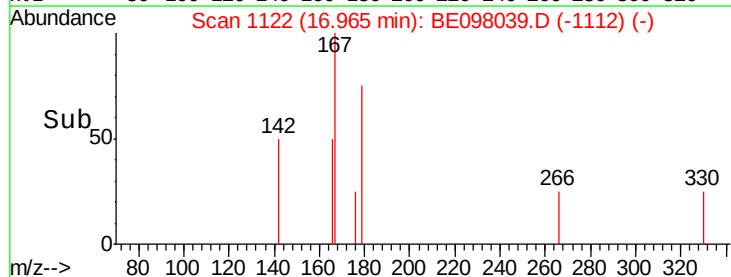
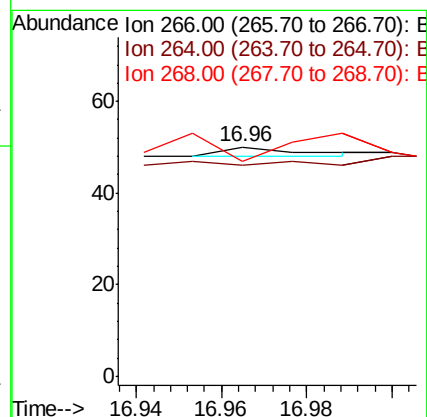
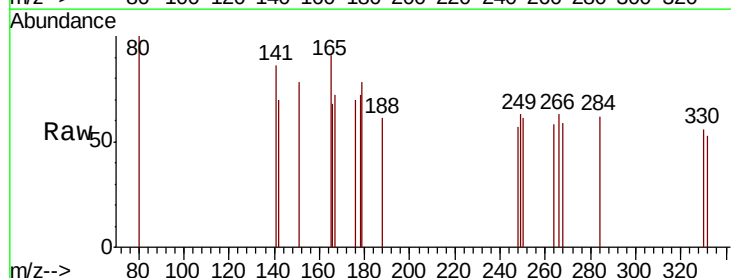
Tgt Ion:266 Resp: 3

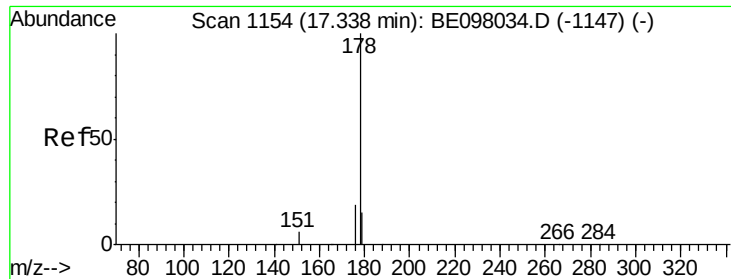
Ion Ratio Lower Upper

266 100

264 92.0 51.3 76.9#

268 94.0 50.1 75.1#





#23

Phenanthrene

Concen: 0.002 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampled :

BFB

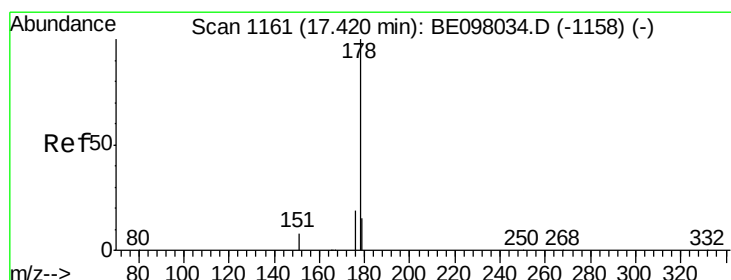
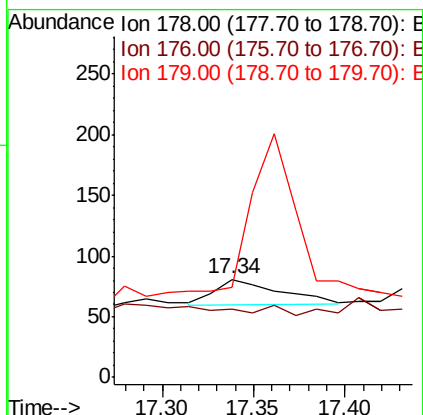
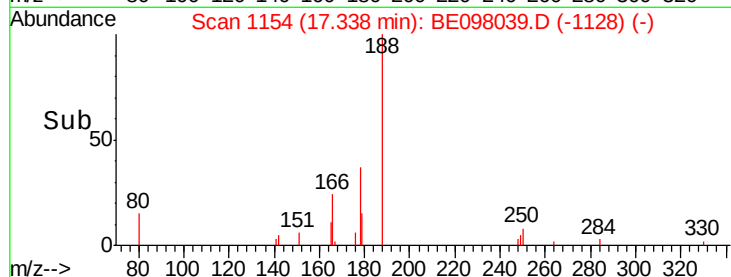
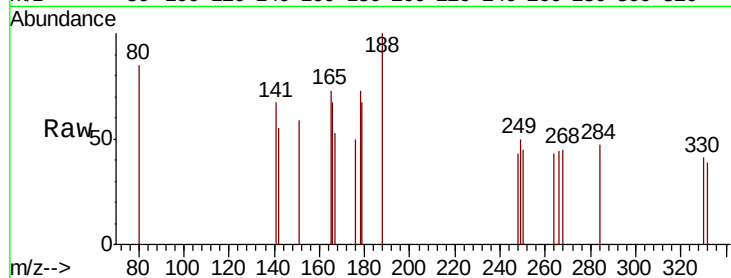
Tgt Ion:178 Resp: 55

Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

179 0.0 12.2 18.4#



#24

Anthracene

Concen: 0.001 ng

RT: 17.43 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

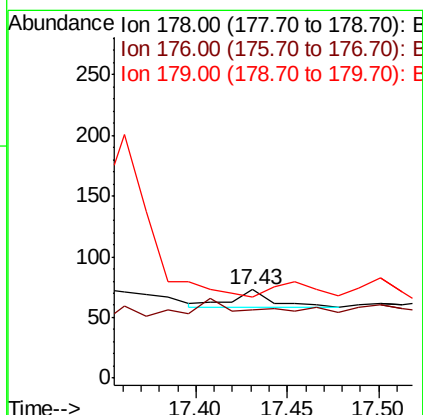
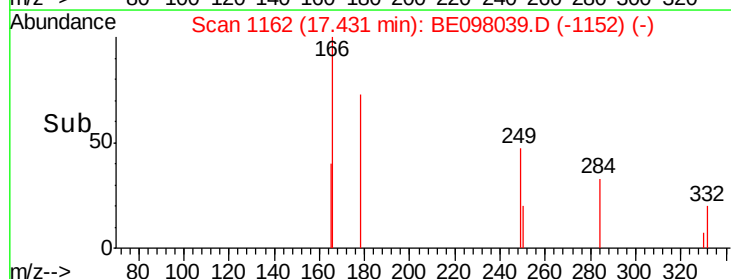
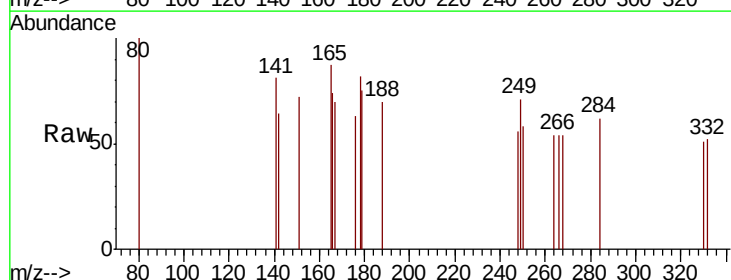
Tgt Ion:178 Resp: 24

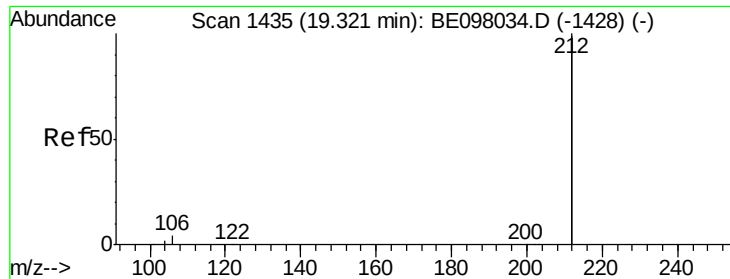
Ion Ratio Lower Upper

178 100

176 0.0 14.9 22.3#

179 0.0 11.9 17.9#

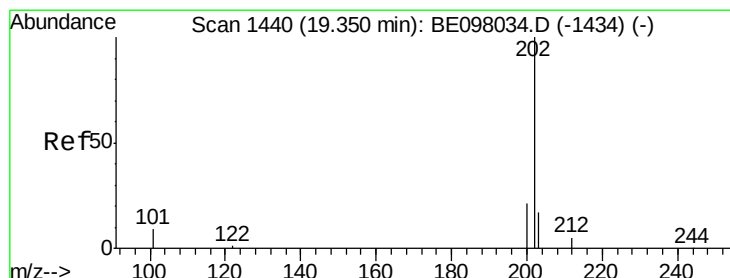
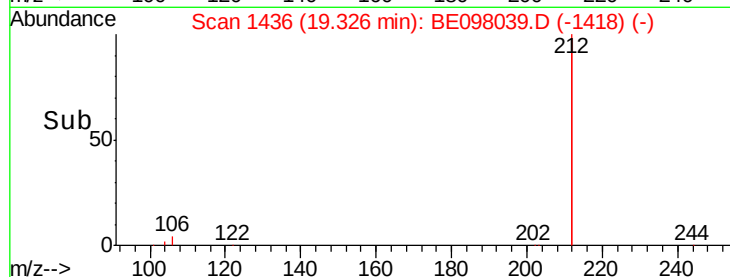
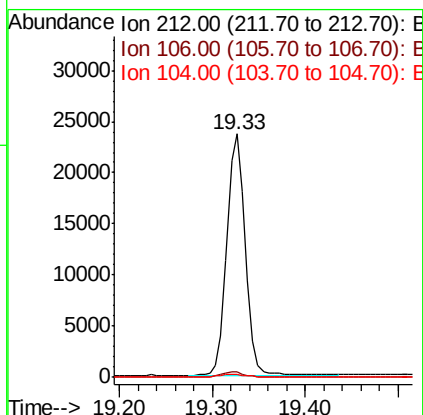
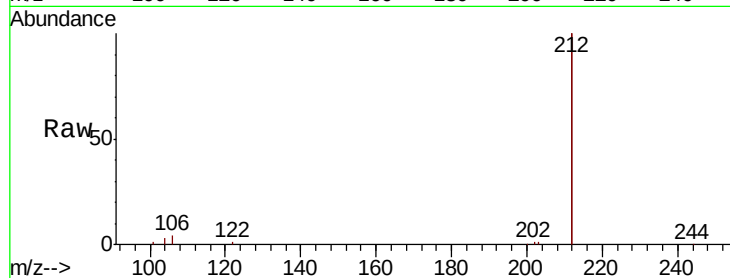




#25
 Fluoranthene-d10
 Concen: 0.275 ng
 RT: 19.33 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BE098039.D
 Acq: 24 Oct 2018 15:27

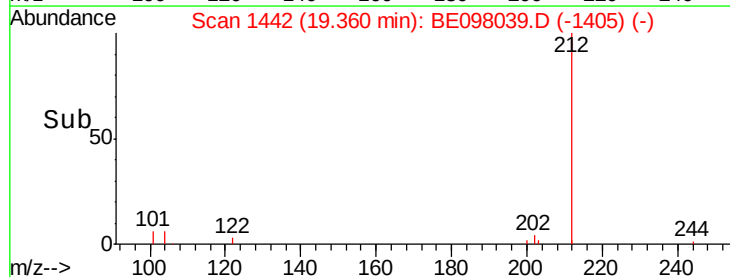
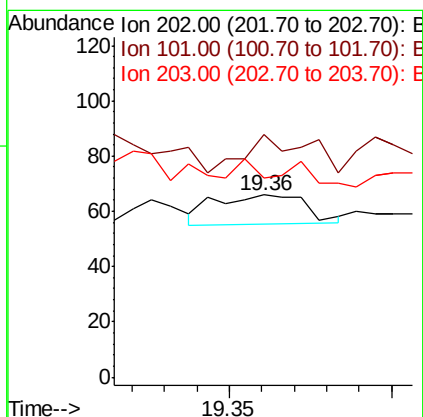
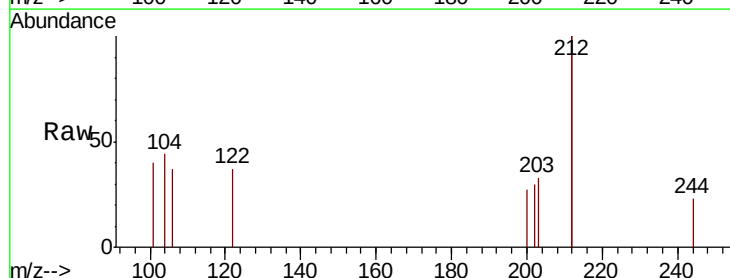
Instrument :
 BNA_E
 ClientSampleId :
 BFB

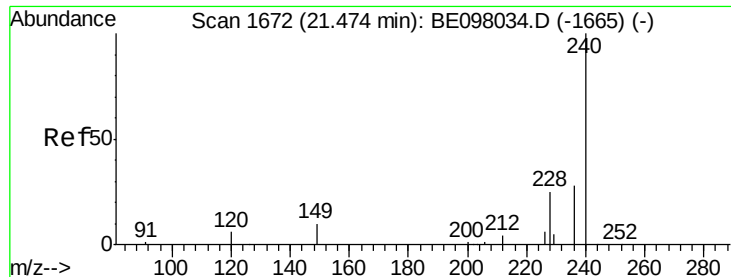
Tgt Ion: 212 Resp: 32289
 Ion Ratio Lower Upper
 212 100
 106 2.0 2.3 3.5#
 104 1.3 1.3 1.9



#26
 Fluoranthene
 Concen: 0.001 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BE098039.D
 Acq: 24 Oct 2018 15:27

Tgt Ion: 202 Resp: 20
 Ion Ratio Lower Upper
 202 100
 101 90.0 8.2 12.2#
 203 15.0 15.0 22.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.48 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampled :

BFB

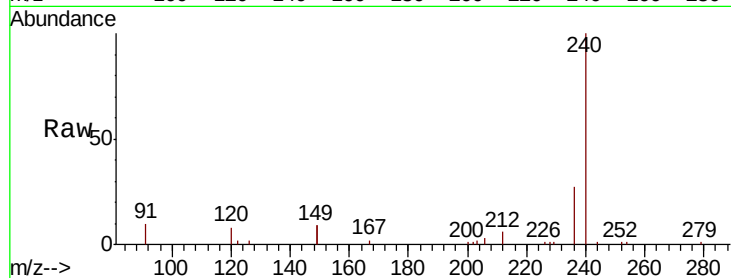
Tgt Ion:240 Resp: 11658

Ion Ratio Lower Upper

240 100

120 7.6 7.1 10.7

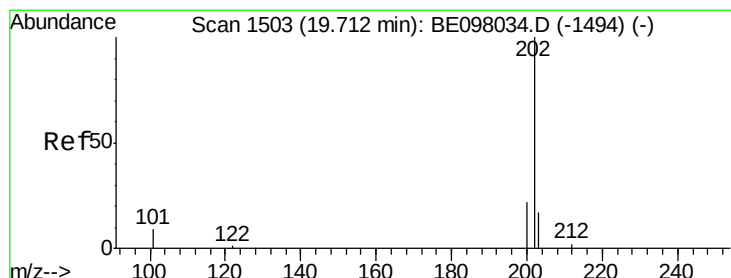
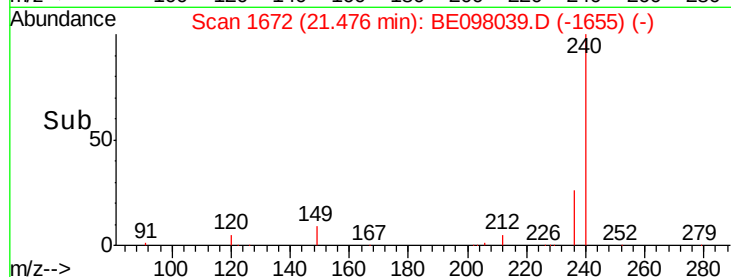
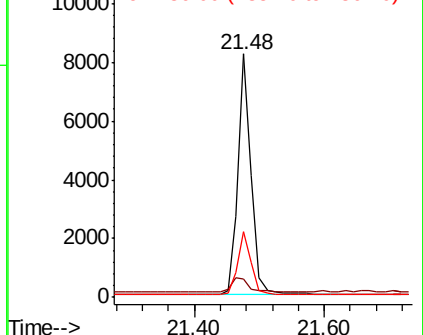
236 27.2 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.001 ng

RT: 19.72 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

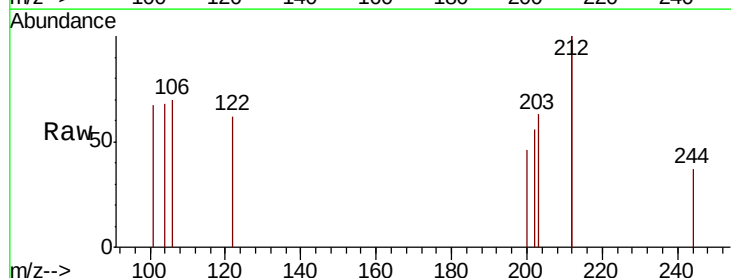
Tgt Ion:202 Resp: 27

Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.4

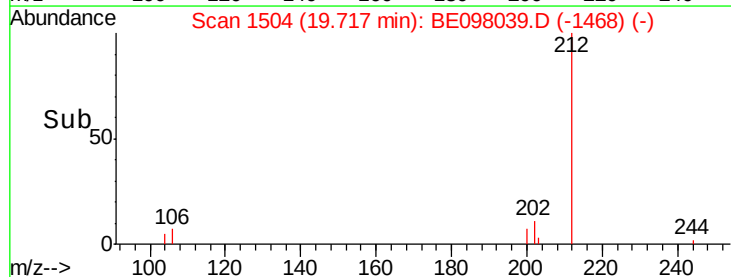
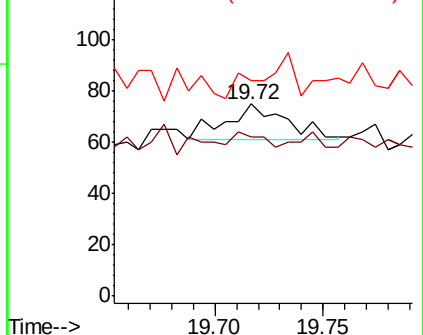
203 0.0 14.2 21.4#

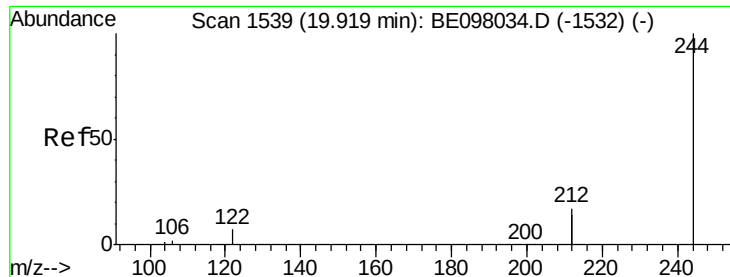


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.345 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

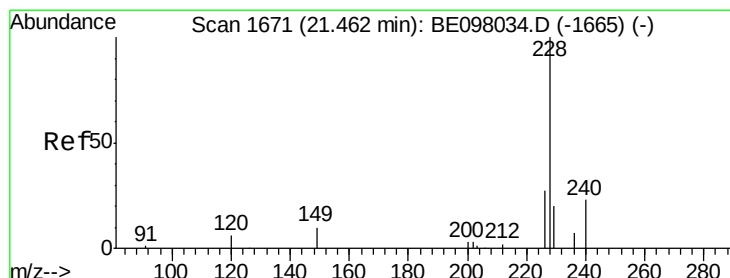
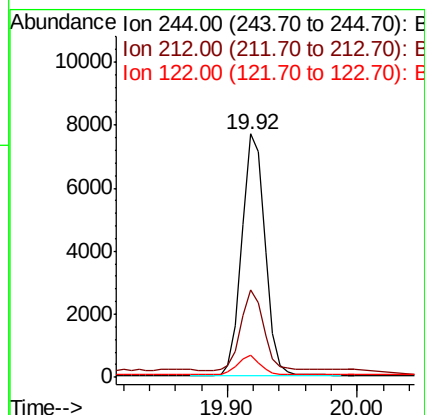
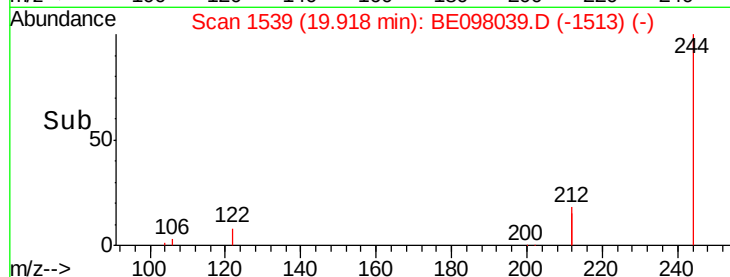
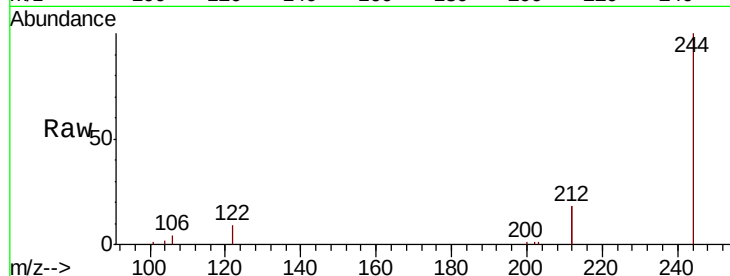
Tgt Ion:244 Resp: 9466

Ion Ratio Lower Upper

244 100

212 36.0 26.2 39.2

122 9.0 7.7 11.5



#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

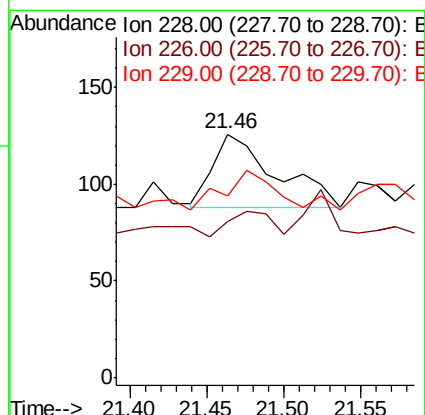
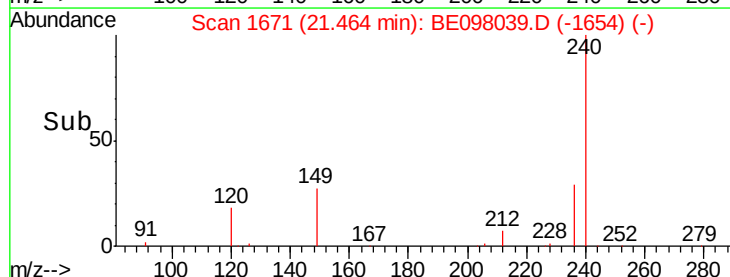
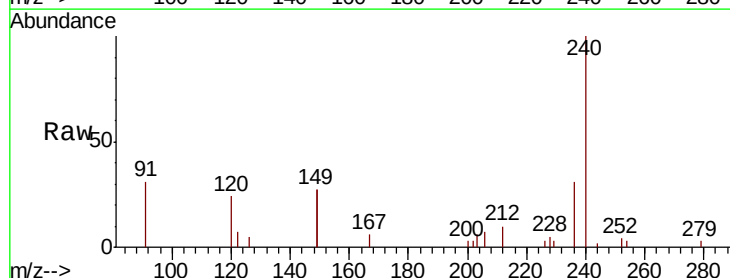
Tgt Ion:228 Resp: 107

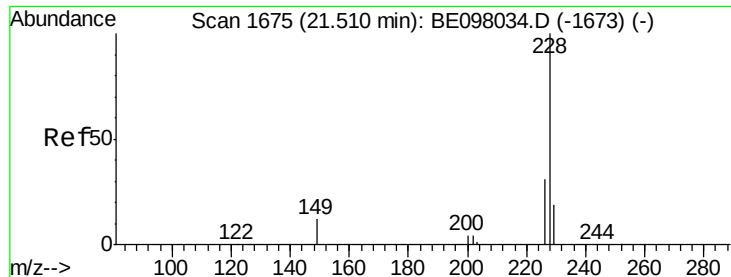
Ion Ratio Lower Upper

228 100

226 64.3 22.6 33.8#

229 74.6 16.9 25.3#





#31

Chrysene

Concen: 0.001 ng

RT: 21.55 min Scan# 1678

Delta R.T. 0.04 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampled :

BFB

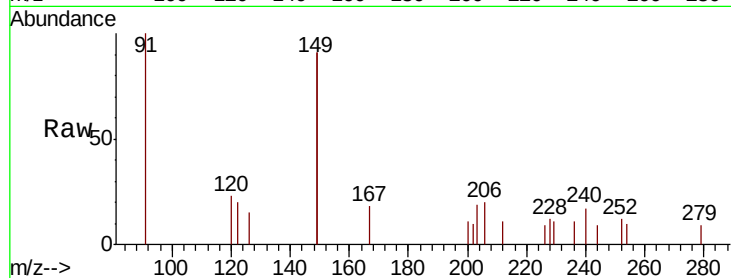
Tgt Ion: 228 Resp: 20

Ion Ratio Lower Upper

228 100

226 74.3 24.3 36.5#

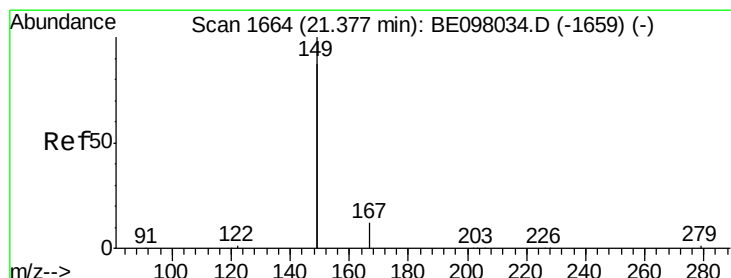
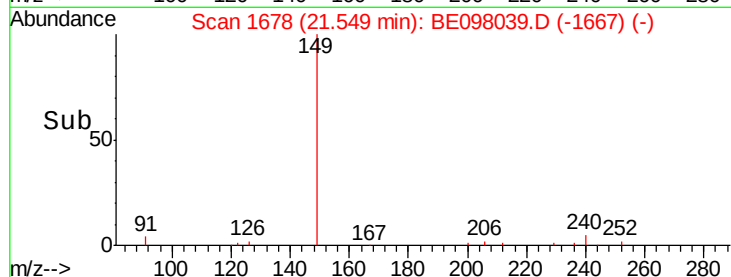
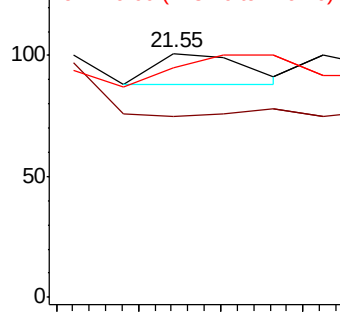
229 94.1 17.3 25.9#



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: 0.017 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

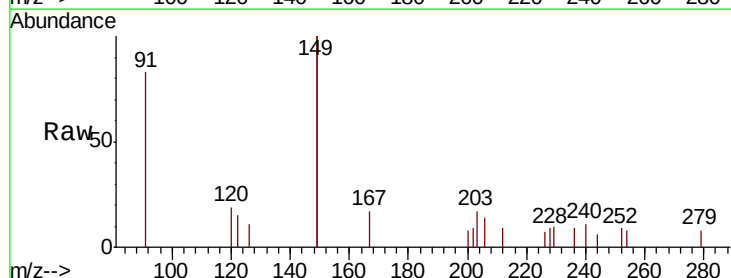
Tgt Ion: 149 Resp: 1401

Ion Ratio Lower Upper

149 100

167 0.0 5.6 8.4#

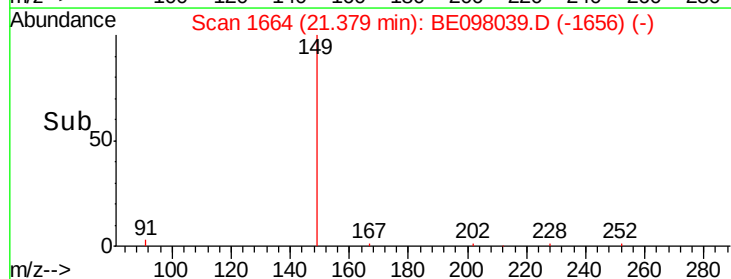
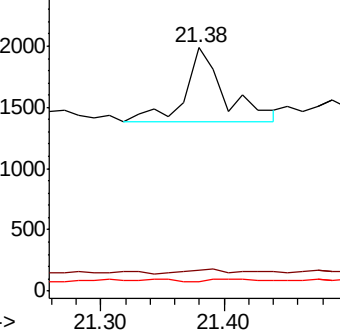
279 0.0 0.9 1.3#

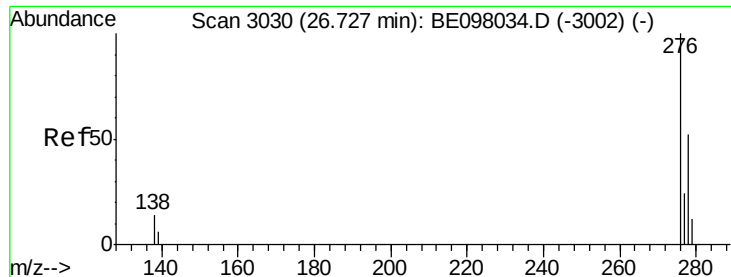


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.000 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

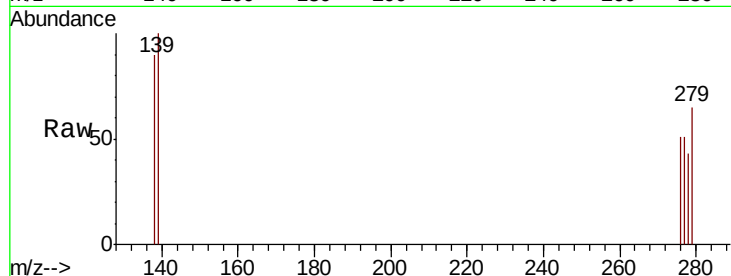
Tgt Ion:276 Resp: 8

Ion Ratio Lower Upper

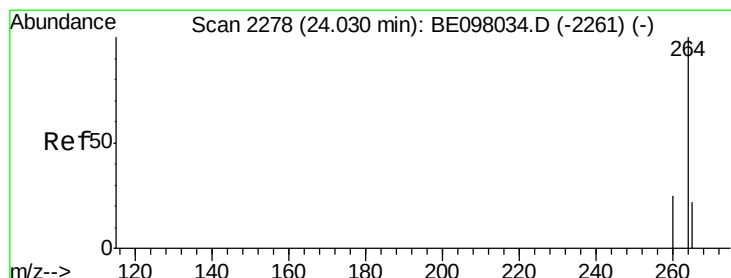
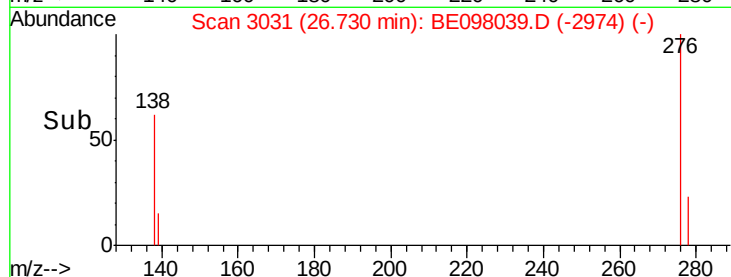
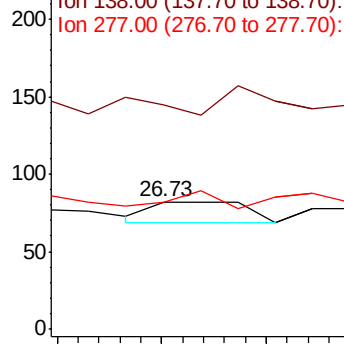
276 100

138 87.5 17.0 25.6#

277 37.5 20.5 30.7#



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: 24.03 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

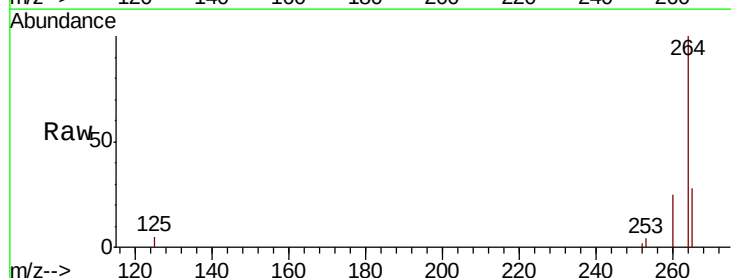
Tgt Ion:264 Resp: 11554

Ion Ratio Lower Upper

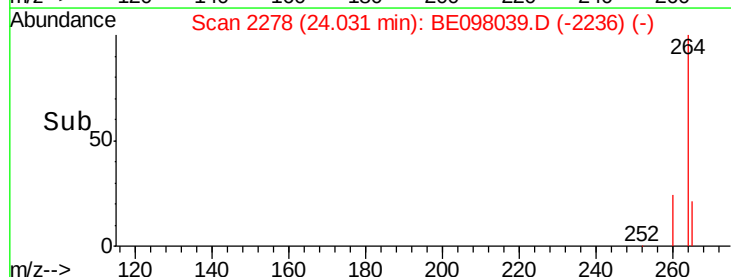
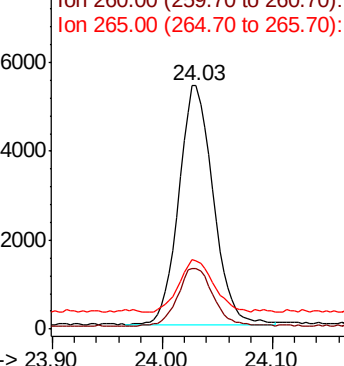
264 100

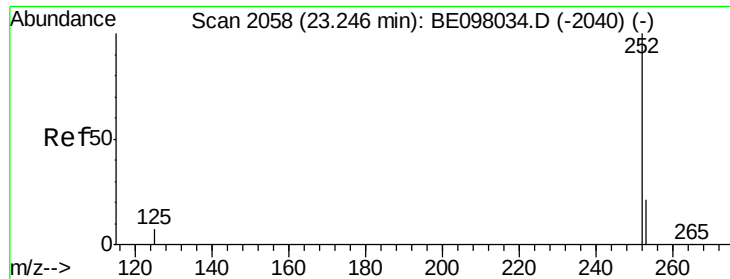
260 25.1 21.1 31.7

265 27.9 29.2 43.8#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.001 ng

RT: 23.25 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

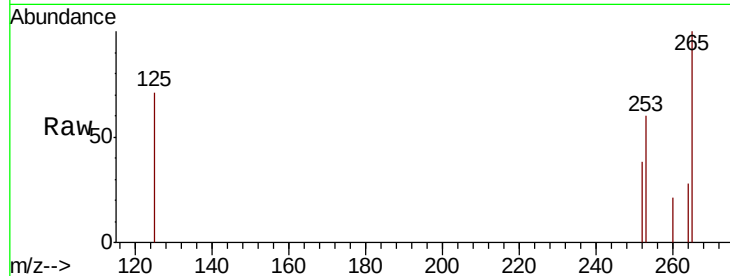
Tgt Ion:252 Resp: 17

Ion Ratio Lower Upper

252 100

253 159.7 20.6 31.0#

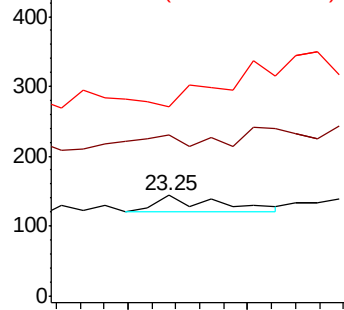
125 187.5 14.3 21.5#



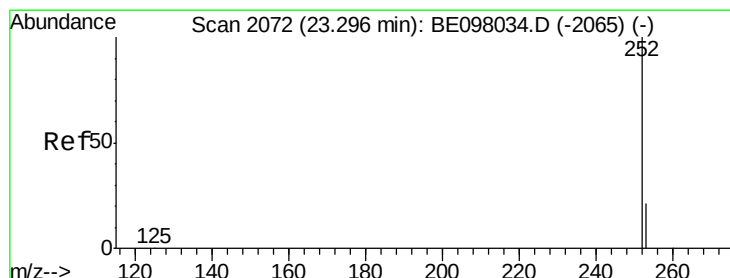
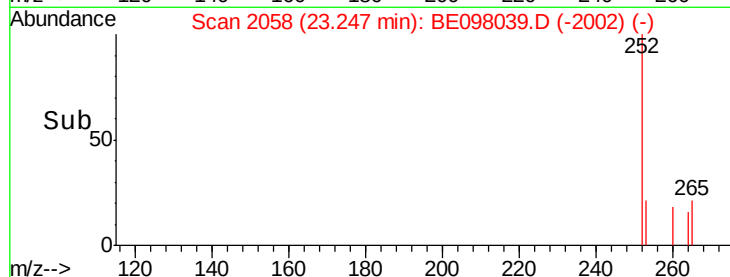
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 23.31 min Scan# 2076

Delta R.T. 0.02 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

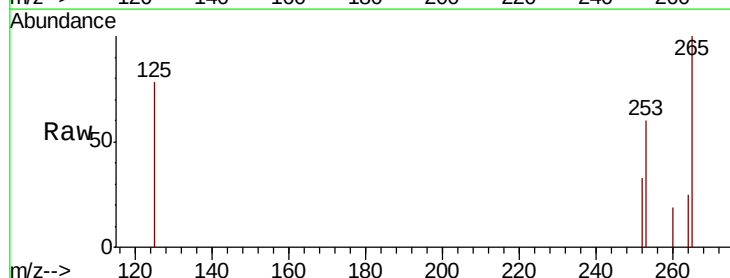
Tgt Ion:252 Resp: 12

Ion Ratio Lower Upper

252 100

253 181.5 20.4 30.6#

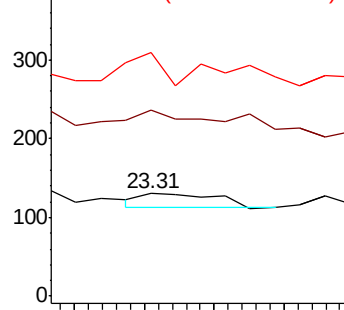
125 237.7 14.6 21.8#



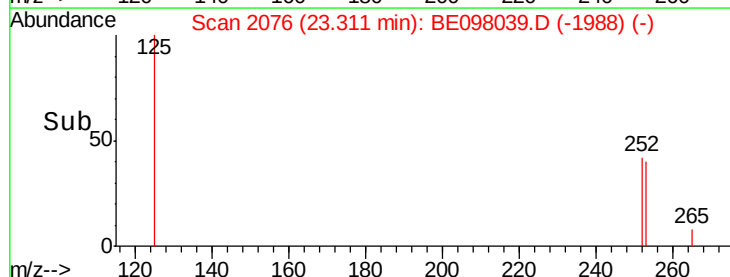
Abundance Ion 252.00 (251.70 to 252.70): E

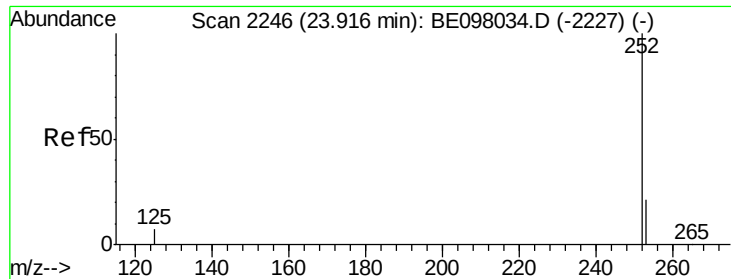
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.92 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB

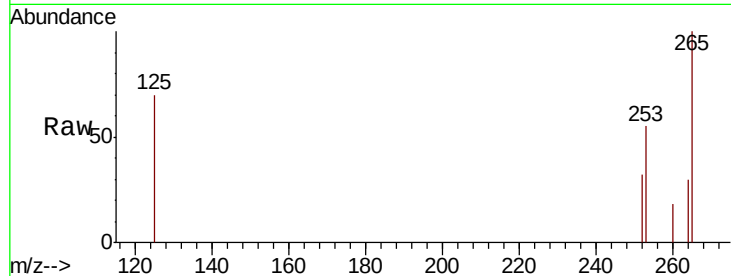
Tgt Ion: 252 Resp: 11

Ion Ratio Lower Upper

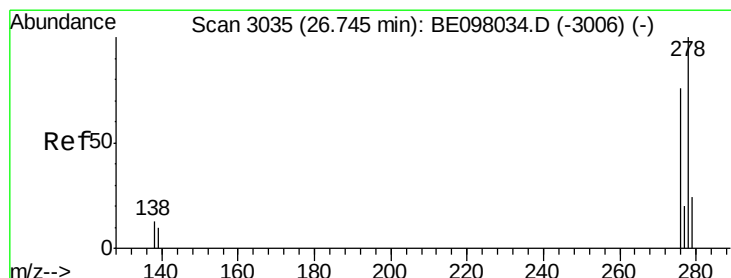
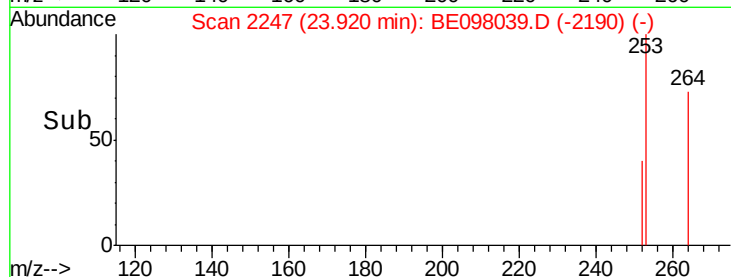
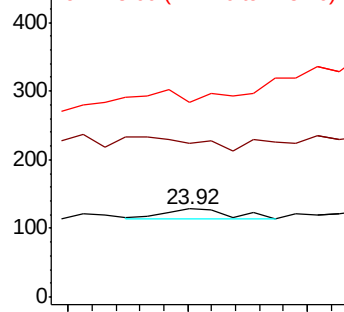
252 100

253 174.2 20.6 31.0#

125 221.9 15.6 23.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.75 min Scan# 3037

Delta R.T. 0.01 min

Lab File: BE098039.D

Acq: 24 Oct 2018 15:27

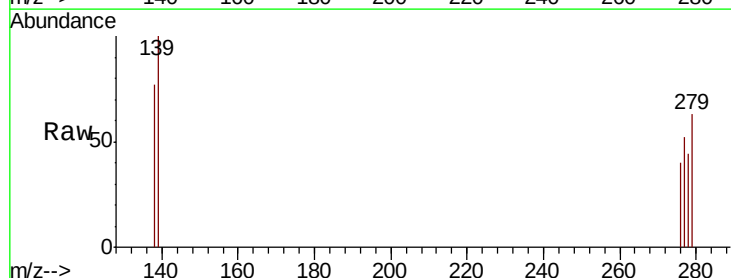
Tgt Ion: 278 Resp: 11

Ion Ratio Lower Upper

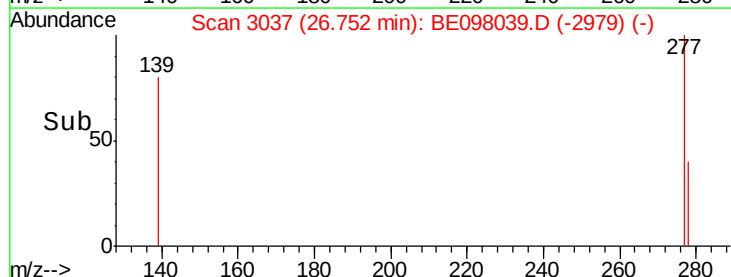
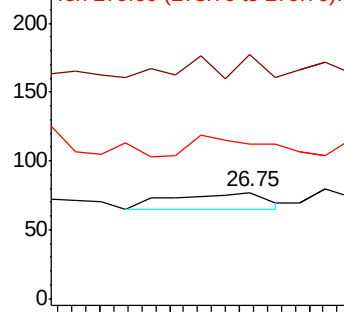
278 100

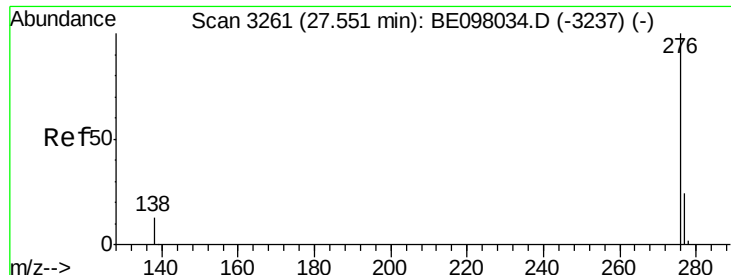
139 229.9 16.3 24.5#

279 145.5 21.4 32.2#



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





#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 27.55 min Scan# 3260

Delta R.T. -0.00 min

Lab File: BE098039.D

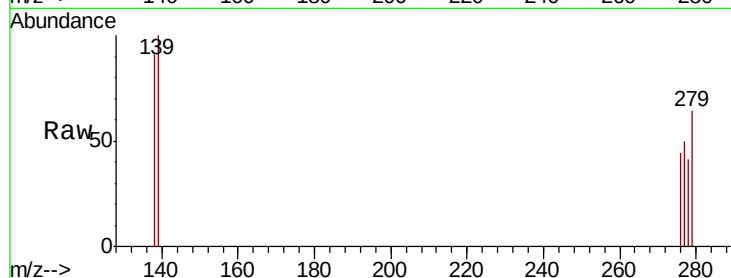
Acq: 24 Oct 2018 15:27

Instrument :

BNA_E

ClientSampleId :

BFB



Tgt Ion:	276	Resp:	1
Ion	Ratio	Lower	Upper
276	100		
277	114.5	22.1	33.1#
138	206.6	19.3	28.9#

