

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE110518\
 Data File : BE098153.D
 Acq On : 5 Nov 2018 9:41
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Nov 05 10:42:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE110118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 13:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	889	0.40	ng	-0.01
7) Naphthalene-d8	10.67	136	4235	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2753	0.40	ng	-0.01
19) Phenanthrene-d10	17.28	188	6631	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8170	0.40	ng	0.00
34) Perylene-d12	24.01	264	8046	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1008	0.38	ng	0.00
5) Phenol-d6	7.04	99	1528	0.35	ng	0.00
8) Nitrobenzene-d5	9.03	82	1608	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	2980	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	298	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	4668	0.41	ng	0.00
25) Fluoranthene-d10	19.31	212	35725	0.42	ng	0.00
29) Terphenyl-d14	19.91	244	7836	0.41	ng	0.00

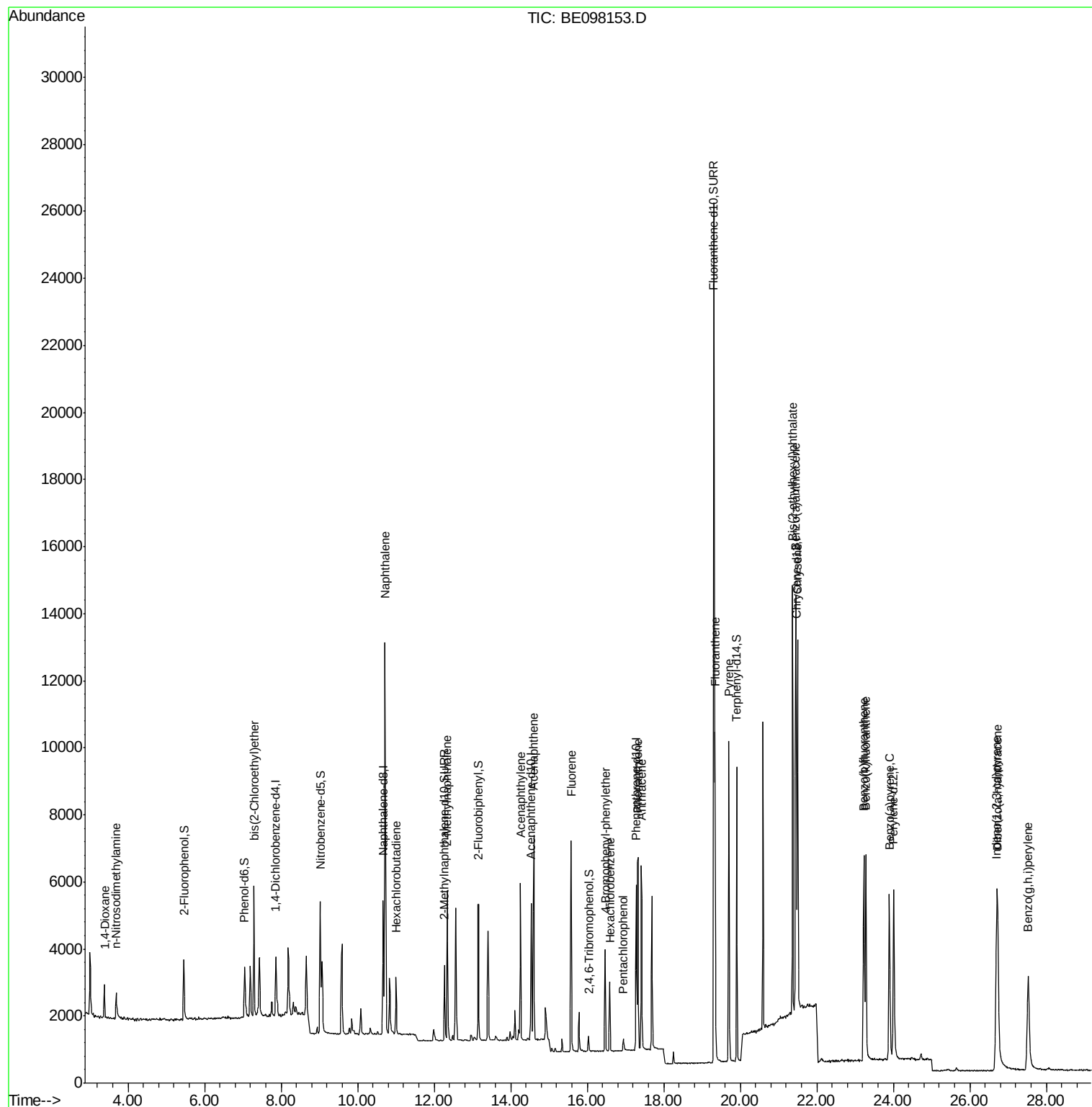
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	511	0.386	ng	# 88
3) n-Nitrosodimethylamine	3.69	42	697	0.394	ng	# 76
6) bis(2-Chloroethyl)ether	7.29	93	1250	0.393	ng	90
9) Naphthalene	10.72	128	17821	0.421	ng	100
10) Hexachlorobutadiene	11.00	225	1160	0.418	ng	98
12) 2-Methylnaphthalene	12.34	142	3141	0.416	ng	# 93
16) Acenaphthylene	14.26	152	5208	0.415	ng	99
17) Acenaphthene	14.60	154	3174	0.421	ng	99
18) Fluorene	15.58	166	4117	0.411	ng	97
20) 4-Bromophenyl-phenylether	16.48	248	1689	0.418	ng	# 84
21) Hexachlorobenzene	16.59	284	1799	0.426	ng	98
22) Pentachlorophenol	16.94	266	269	0.349	ng	91
23) Phenanthrene	17.33	178	6856	0.417	ng	99
24) Anthracene	17.41	178	6360	0.407	ng	100
26) Fluoranthene	19.34	202	8727	0.424	ng	# 95
28) Pyrene	19.70	202	9165	0.411	ng	100
30) Benzo(a)anthracene	21.45	228	9714	0.407	ng	98
31) Chrysene	21.50	228	9848	0.417	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	14982	0.132	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	9787	0.398	ng	# 95
35) Benzo(b)fluoranthene	23.23	252	9203	0.406	ng	# 89
36) Benzo(k)fluoranthene	23.28	252	9321	0.397	ng	# 90
37) Benzo(a)pyrene	23.89	252	8723	0.394	ng	# 90
38) Dibenzo(a,h)anthracene	26.73	278	8222	0.398	ng	# 93
39) Benzo(g,h,i)perylene	27.52	276	8152	0.396	ng	# 91

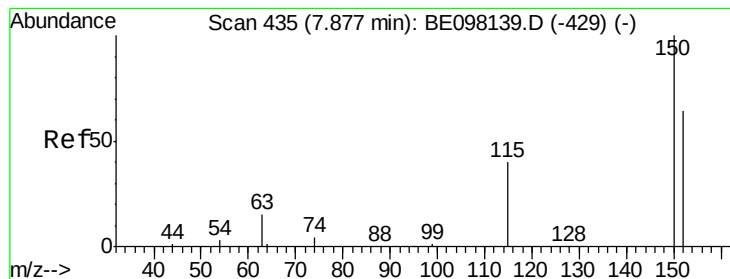
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 13:00:52 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.01 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

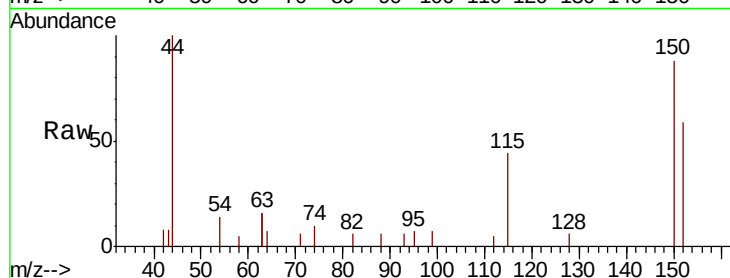
Tot Ion:152 Resp: 889

Ion Ratio Lower Upper

152 100

150 150.5 118.2 177.4

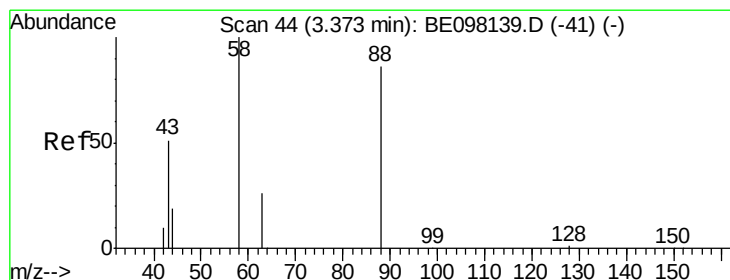
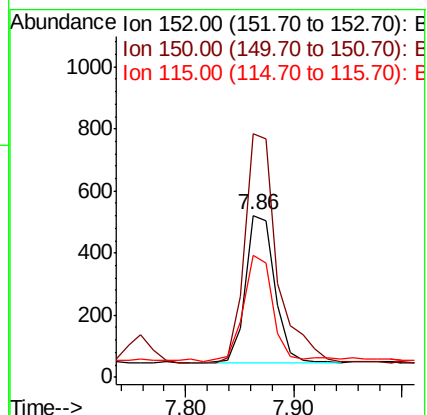
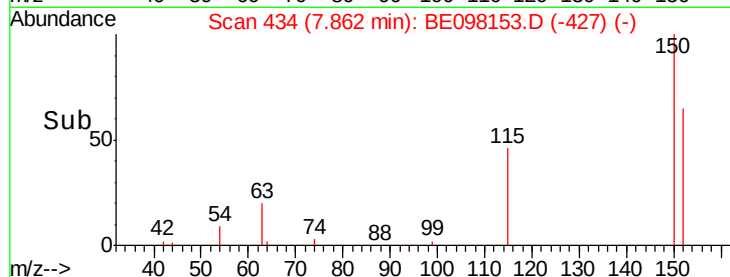
115 75.0 50.9 76.3



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



#2

1,4-Dioxane

Concen: 0.386 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.01 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

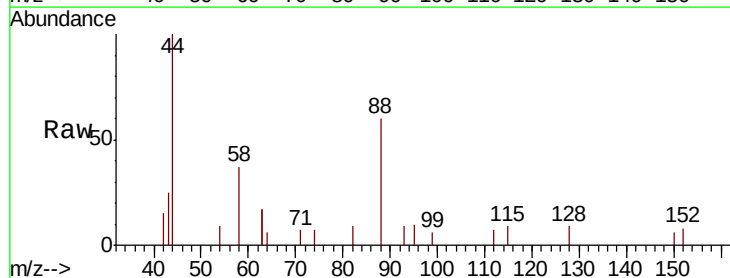
Tgt Ion: 88 Resp: 511

Ion Ratio Lower Upper

88 100

58 101.6 73.2 109.8

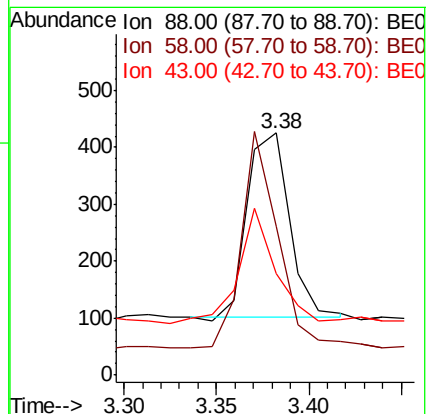
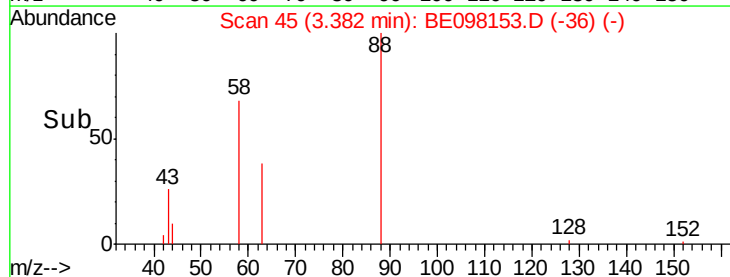
43 55.4 36.9 55.3#

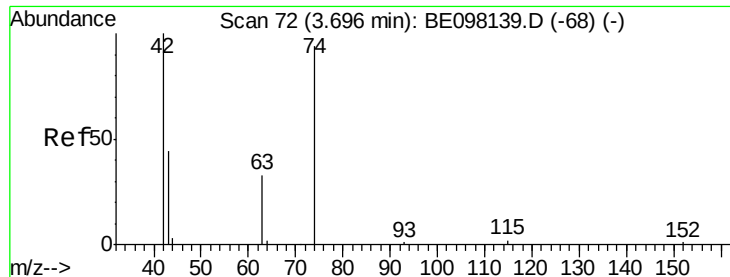


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.394 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

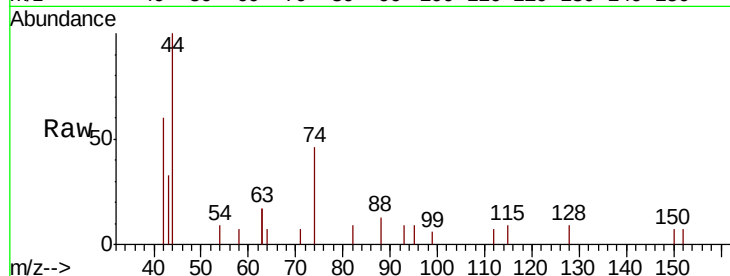
Tot Ion: 42 Resp: 697

Ion Ratio Lower Upper

42 100

74 73.6 77.6 116.4#

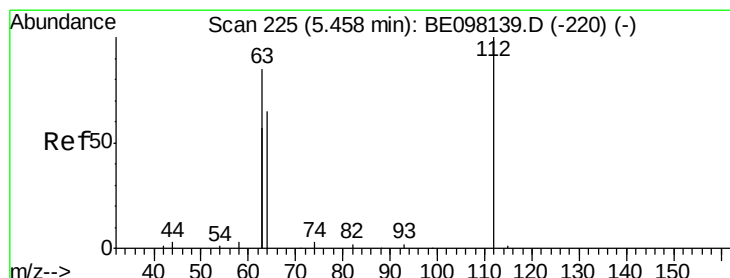
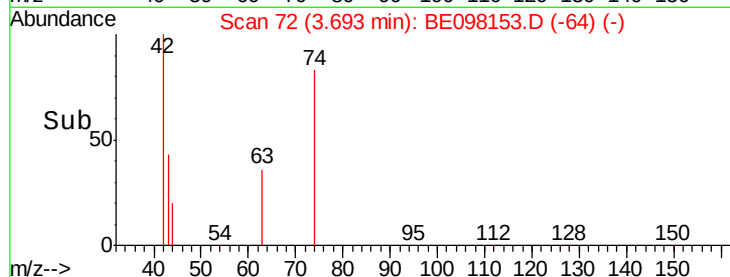
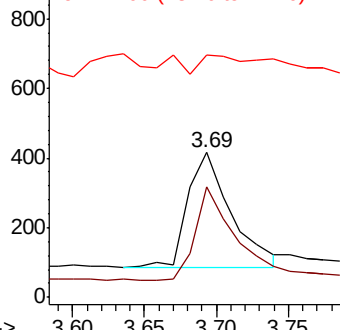
44 18.4 7.6 11.4#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.382 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

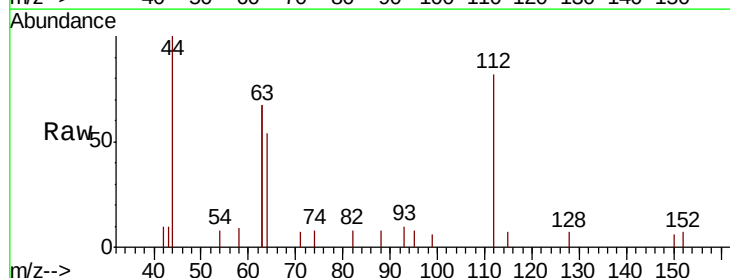
Tgt Ion: 112 Resp: 1008

Ion Ratio Lower Upper

112 100

64 76.6 58.9 88.3

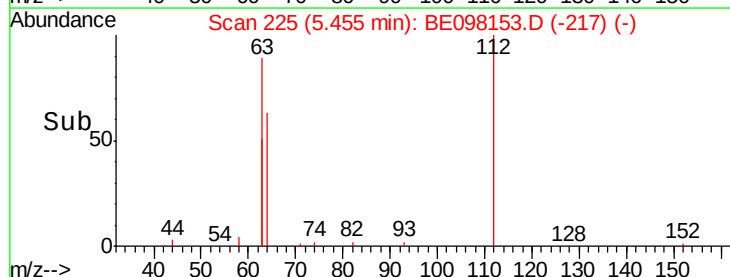
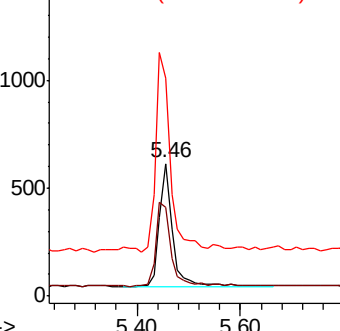
63 177.0 120.3 180.5

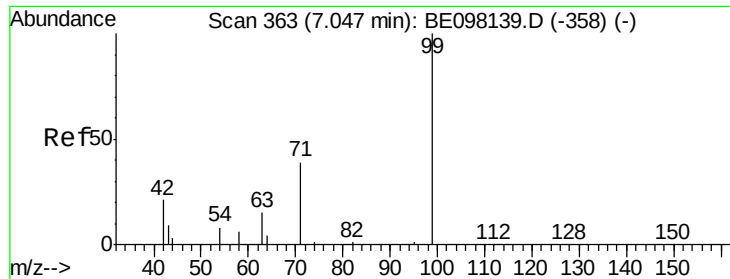


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.352 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

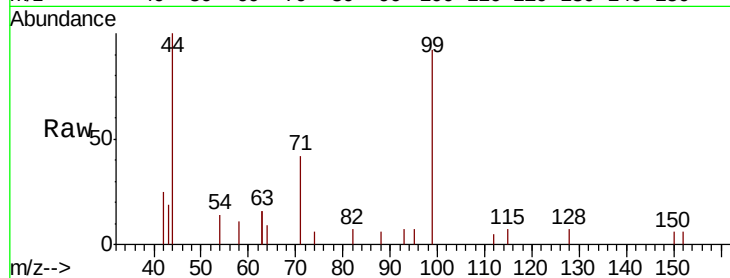
Tot Ion: 99 Resp: 1528

Ion Ratio Lower Upper

99 100

42 31.0 19.9 29.9#

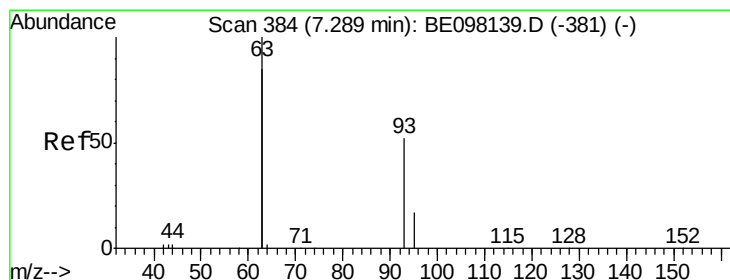
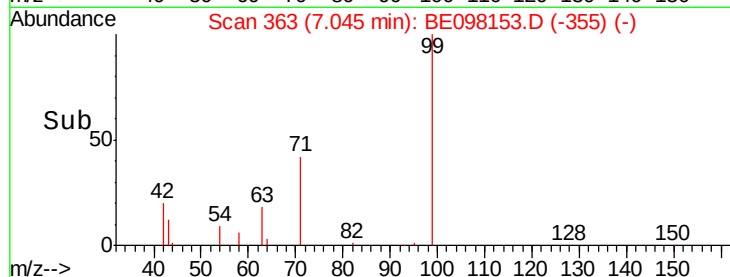
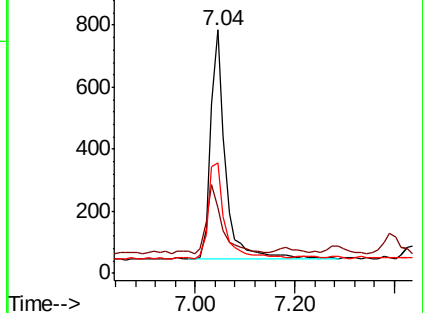
71 45.5 27.8 41.8#



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: 0.393 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

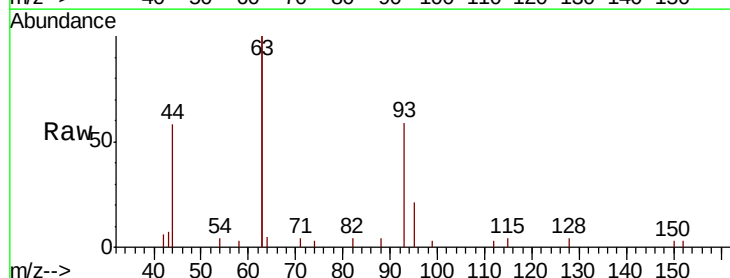
Tgt Ion: 93 Resp: 1250

Ion Ratio Lower Upper

93 100

63 346.2 259.0 388.4

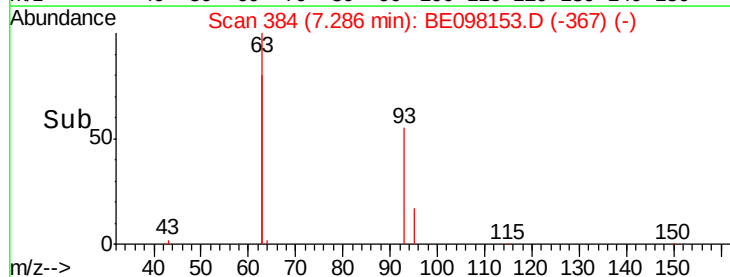
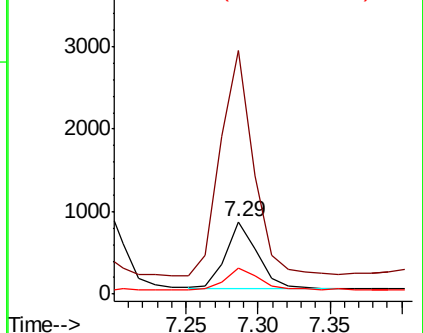
95 34.6 27.8 41.8

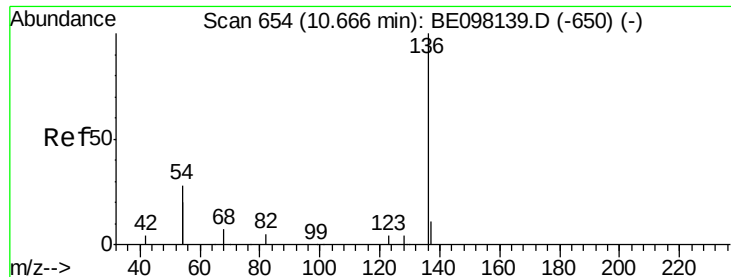


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4235

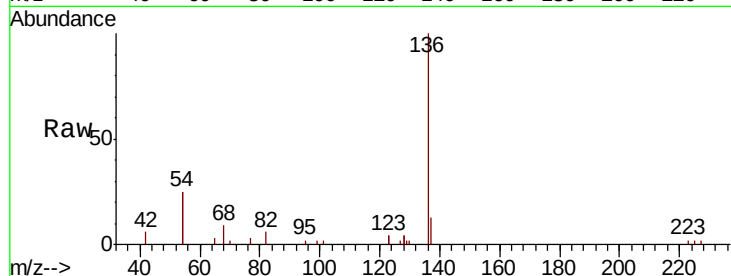
Ion Ratio Lower Upper

136 100

137 12.7 9.6 14.4

54 50.1 27.7 41.5#

68 8.7 5.3 7.9#

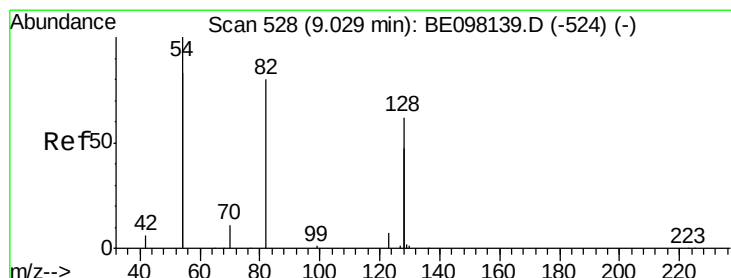
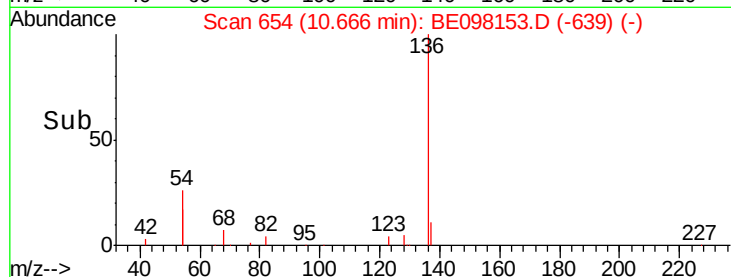
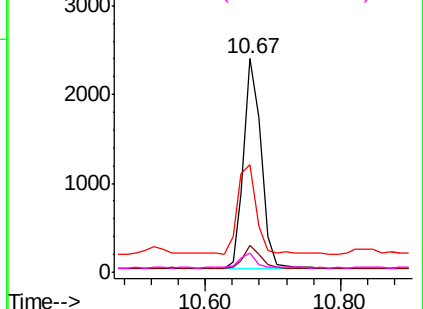


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.354 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

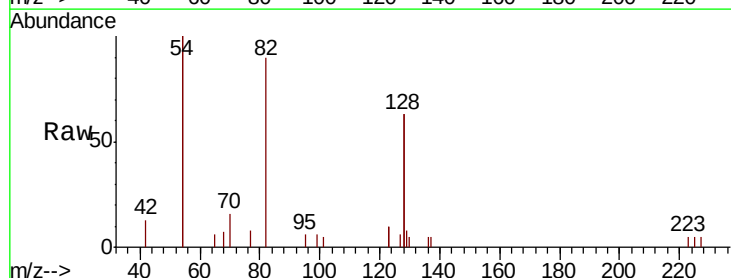
Tgt Ion: 82 Resp: 1608

Ion Ratio Lower Upper

82 100

128 140.6 129.9 194.9

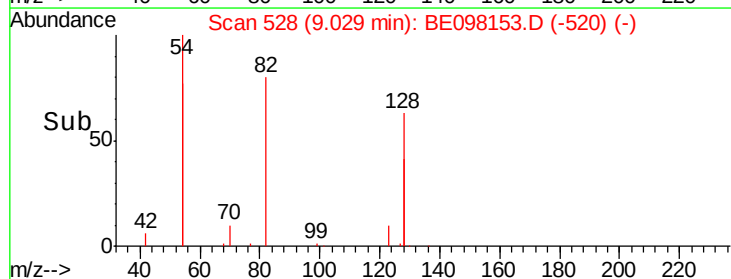
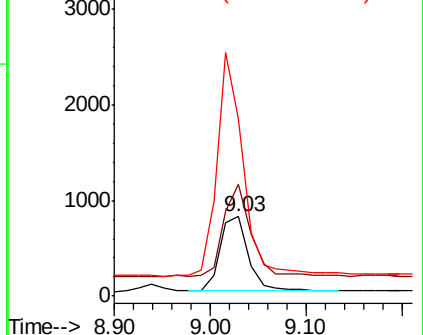
54 222.4 174.0 261.0

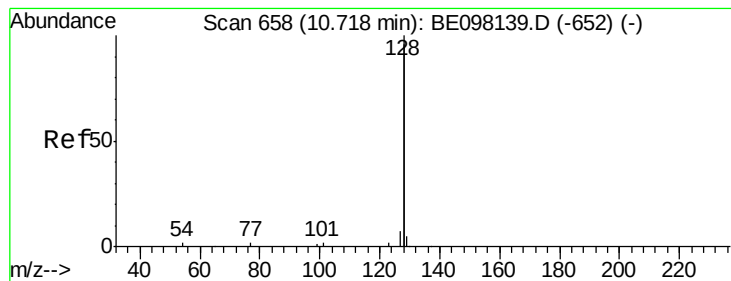


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.421 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

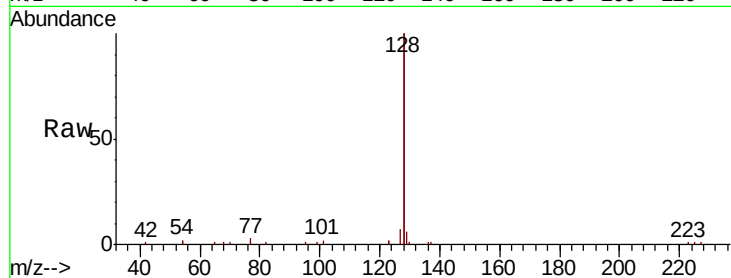
Tot Ion:128 Resp: 17821

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

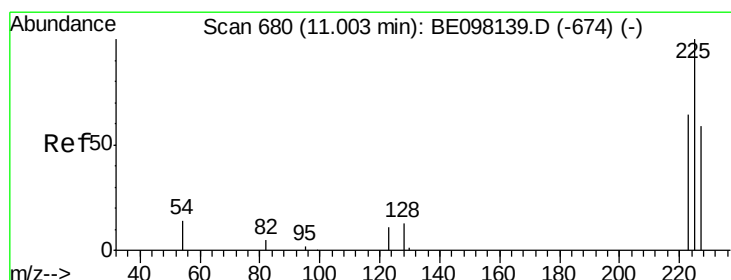
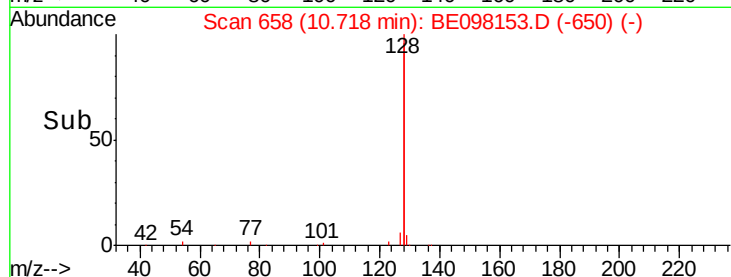
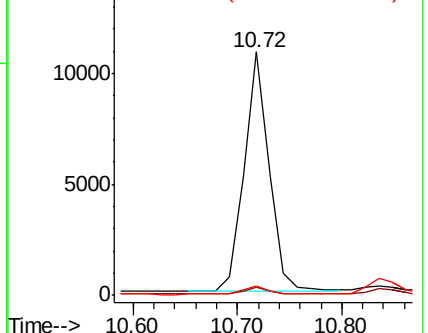
127 3.7 2.8 4.2



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: 0.418 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

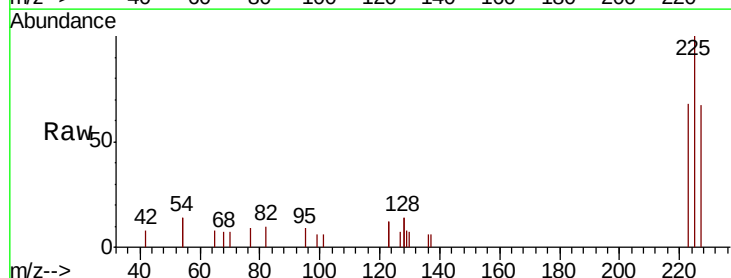
Tgt Ion:225 Resp: 1160

Ion Ratio Lower Upper

225 100

223 63.4 51.8 77.8

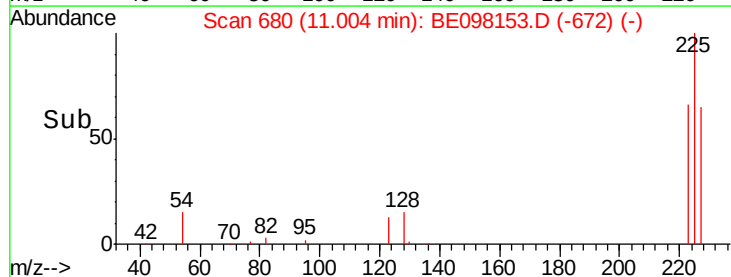
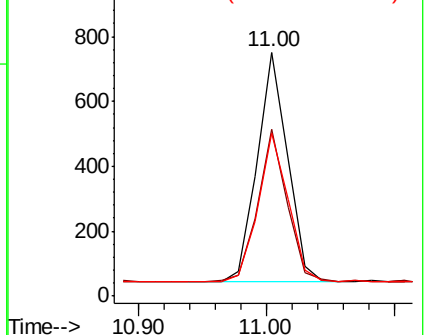
227 64.3 53.0 79.6

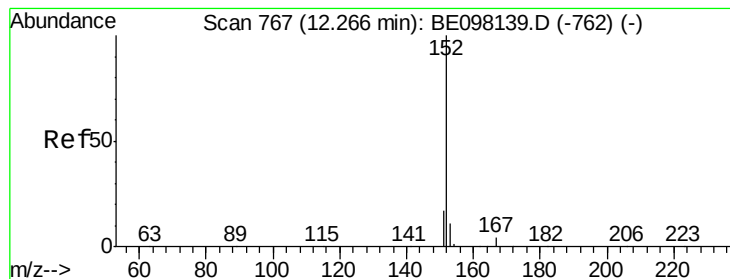


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

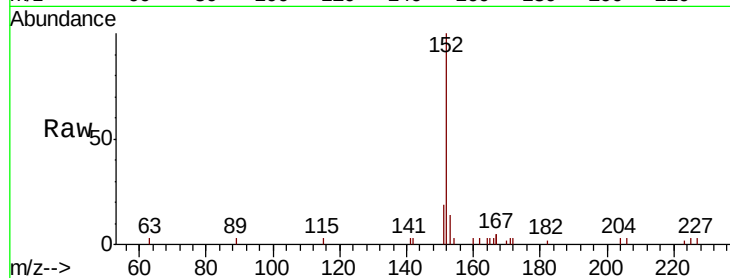
SSTDCCC0.4

Tot Ion:152 Resp: 2980

Ion Ratio Lower Upper

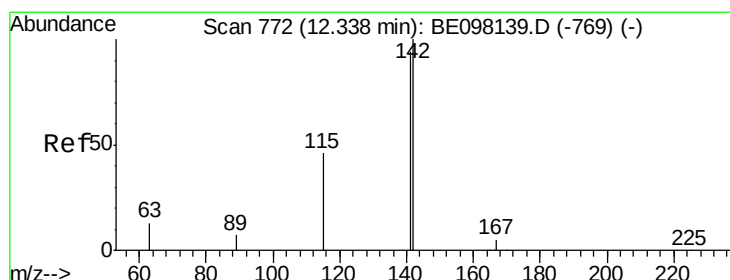
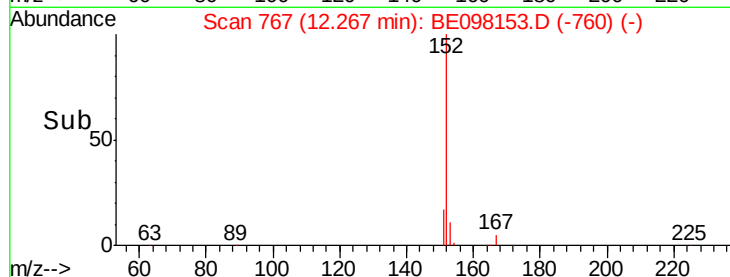
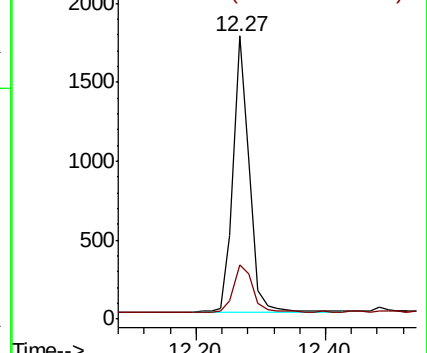
152 100

151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.416 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

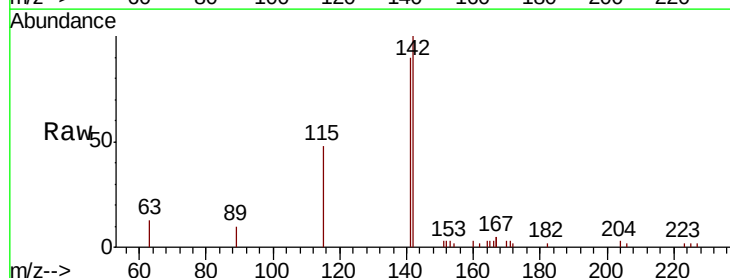
Tgt Ion:142 Resp: 3141

Ion Ratio Lower Upper

142 100

141 90.4 69.8 104.6

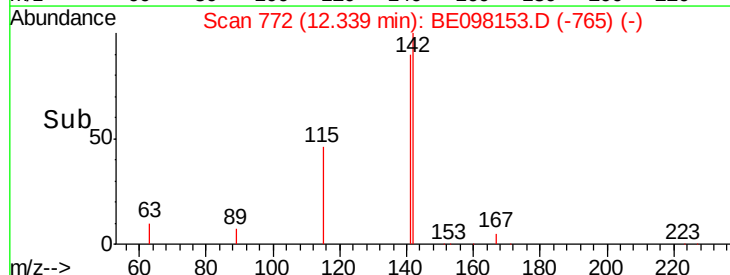
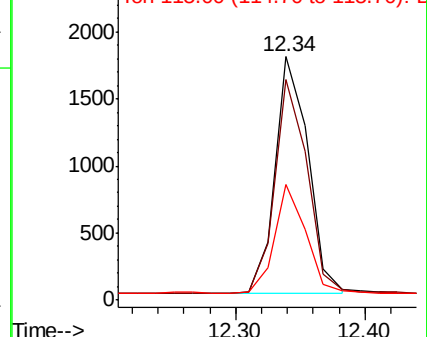
115 47.6 30.5 45.7#

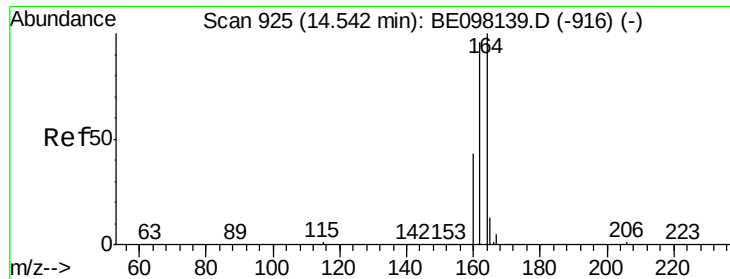


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

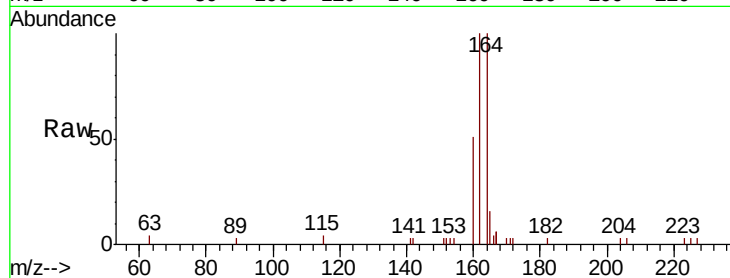




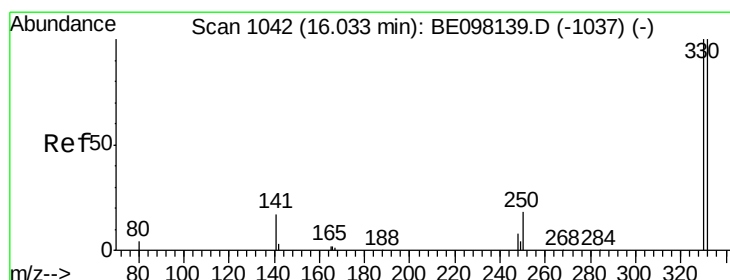
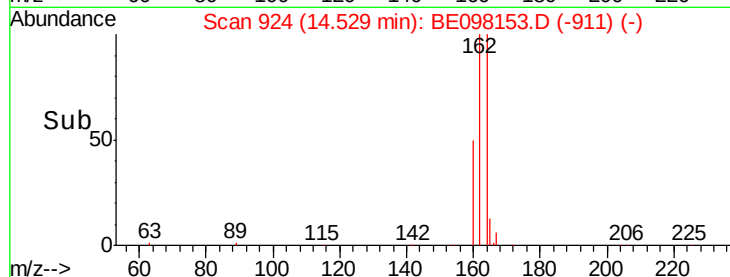
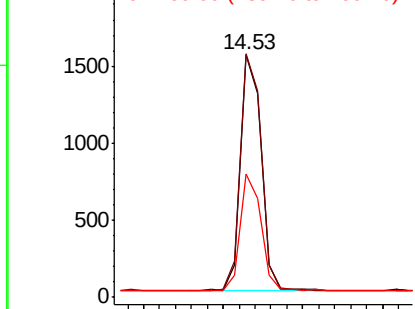
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 2753
Ion Ratio Lower Upper
164 100
162 100.3 77.4 116.2
160 51.1 36.5 54.7

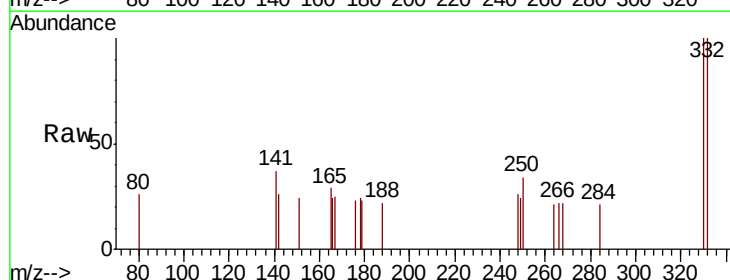


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

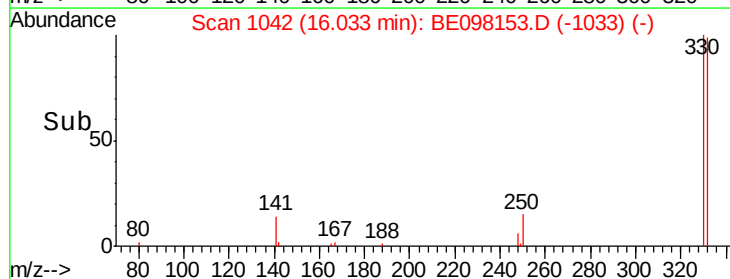
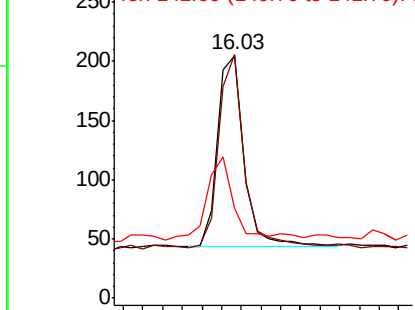


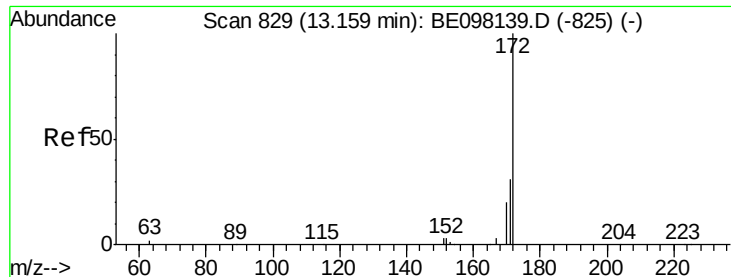
#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:330 Resp: 298
Ion Ratio Lower Upper
330 100
332 101.3 76.5 114.7
141 46.3 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

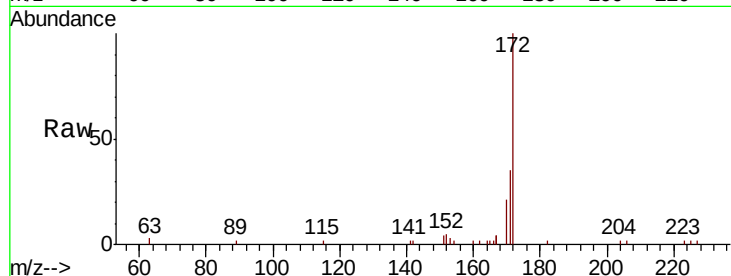




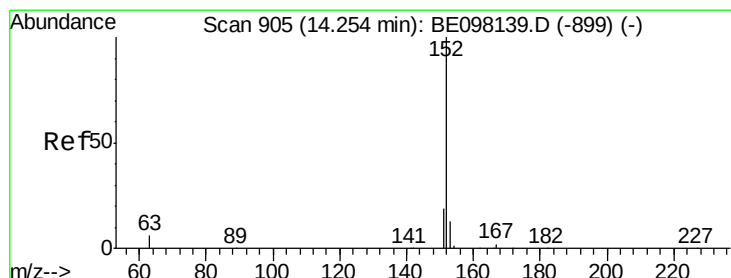
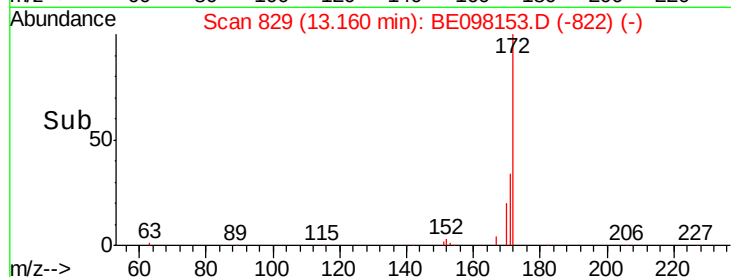
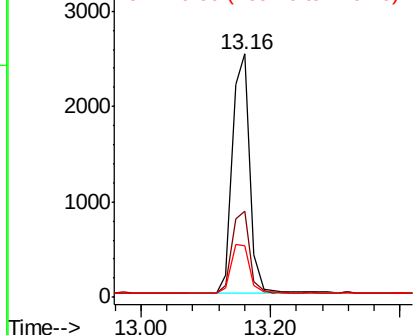
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 4668
Ion Ratio Lower Upper
172 100
171 35.2 26.0 39.0
170 21.4 18.0 27.0

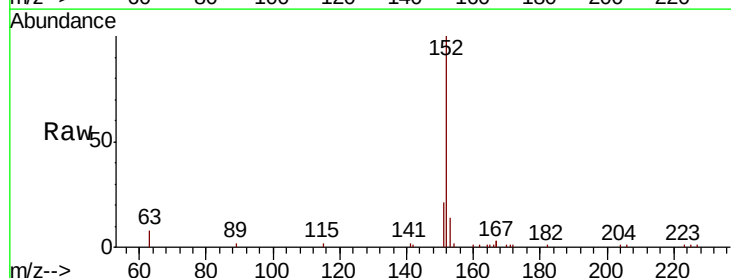


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

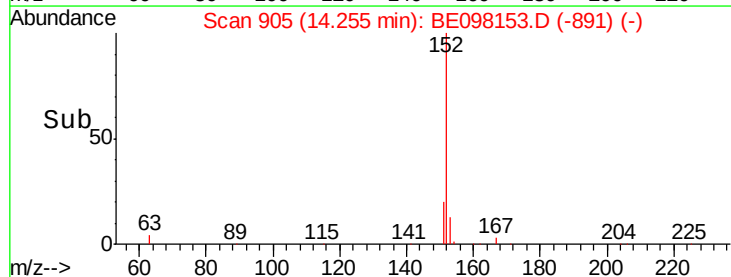
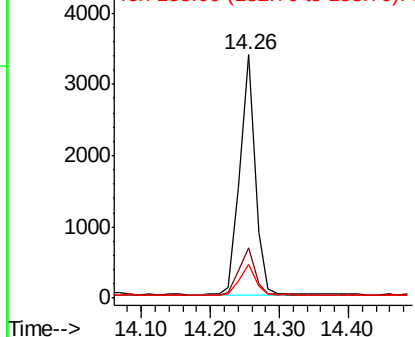


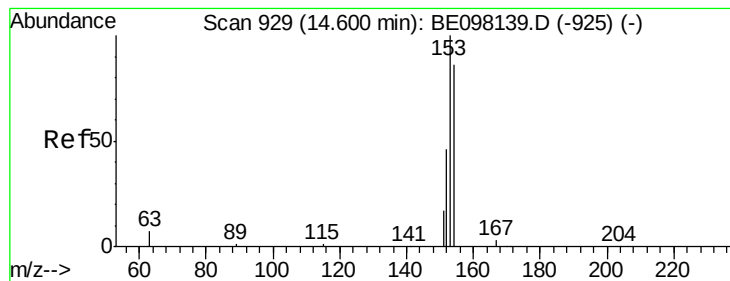
#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:152 Resp: 5208
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 12.6 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: 0.421 ng

RT: 14.60 min Scan# 929

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

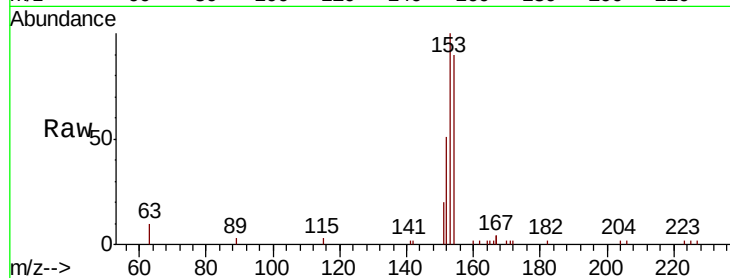
Tot Ion:154 Resp: 3174

Ion Ratio Lower Upper

154 100

153 115.0 92.6 139.0

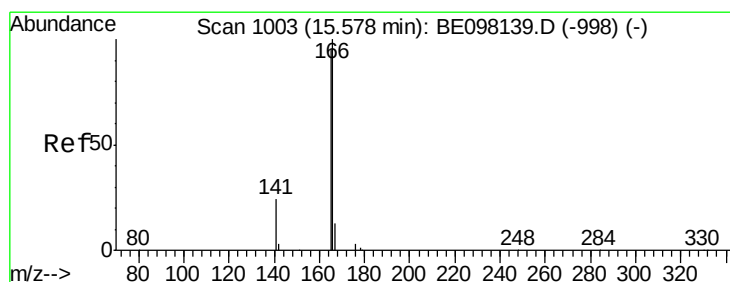
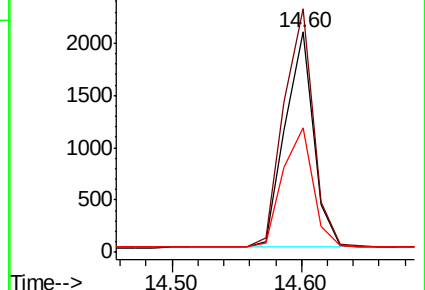
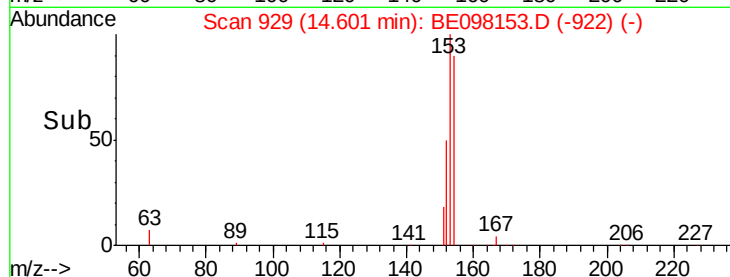
152 59.0 45.5 68.3



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: 0.411 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

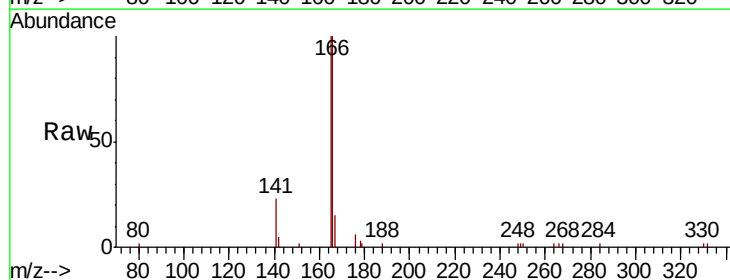
Tgt Ion:166 Resp: 4117

Ion Ratio Lower Upper

166 100

165 100.9 78.2 117.4

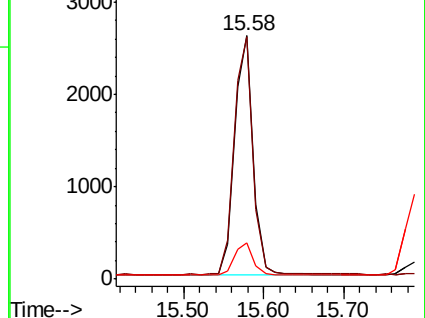
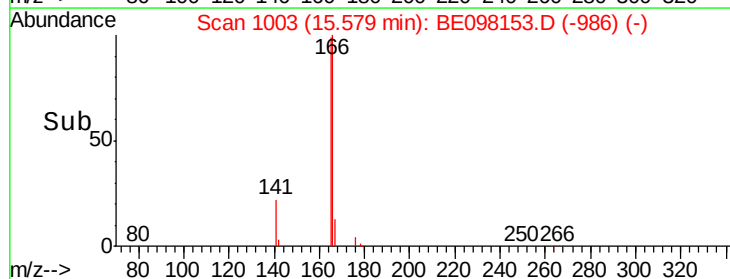
167 13.7 11.0 16.6

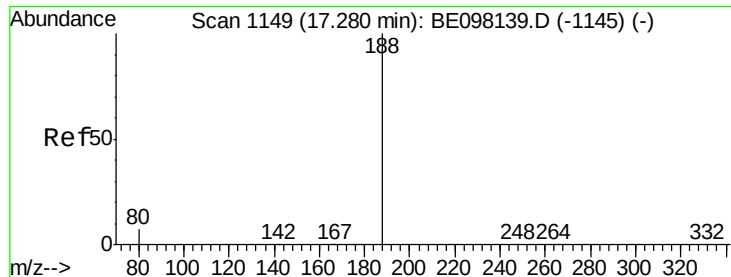


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

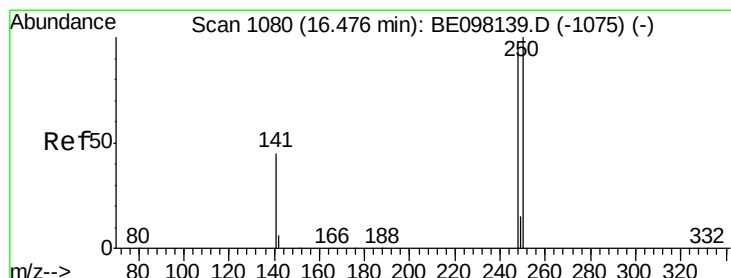
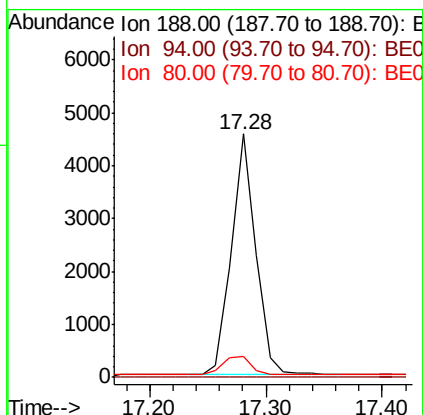
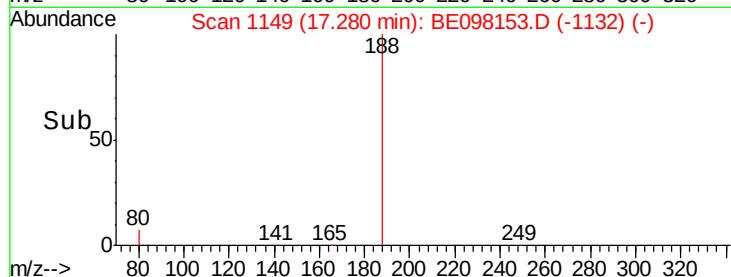
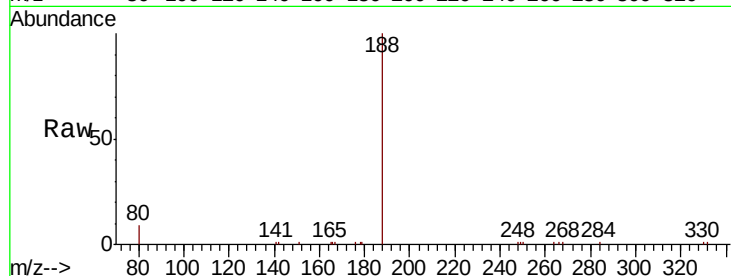
Tot Ion:188 Resp: 6631

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 6.3 9.5



#20

4-Bromophenyl-phenylether

Concen: 0.418 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

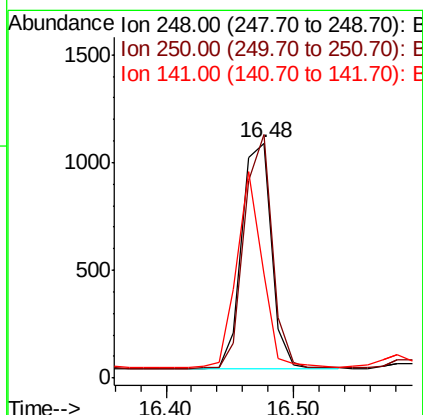
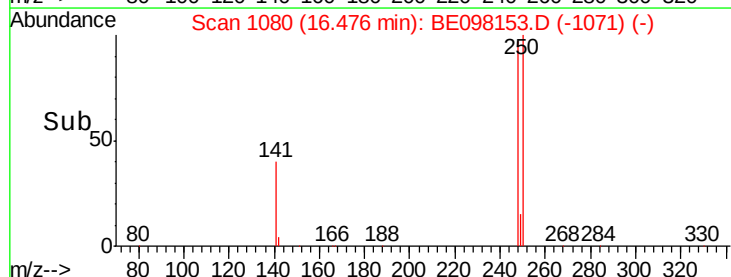
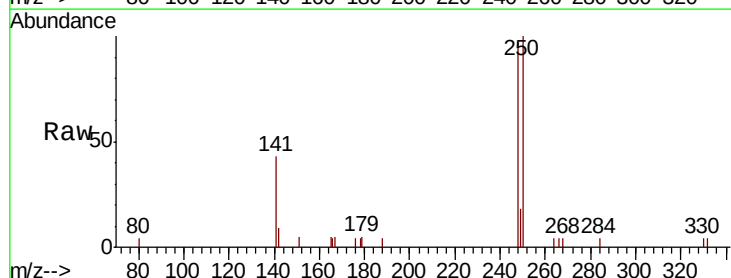
Tgt Ion:248 Resp: 1689

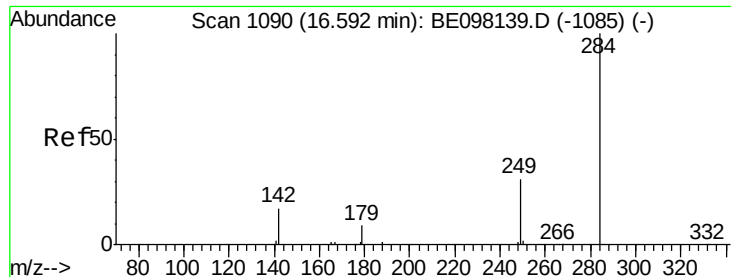
Ion Ratio Lower Upper

248 100

250 103.5 75.1 112.7

141 44.5 51.8 77.8#

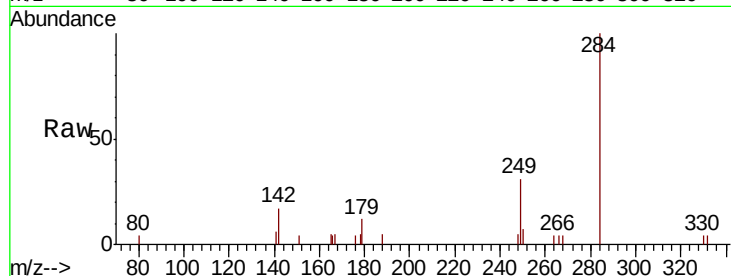




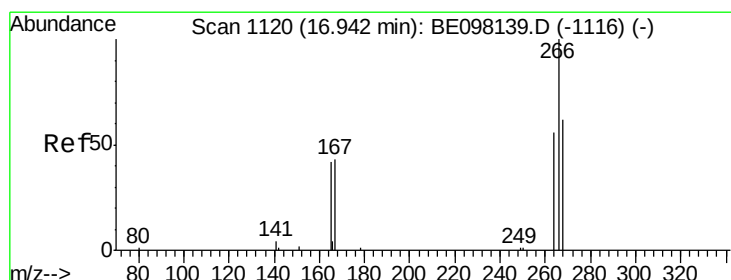
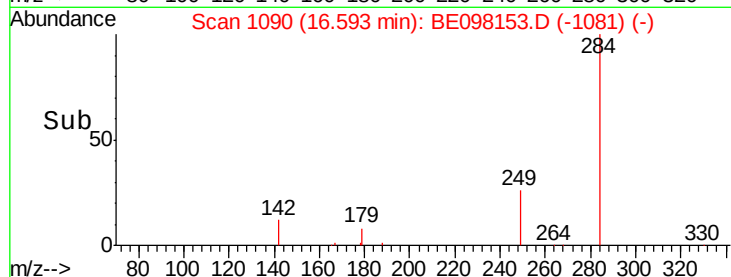
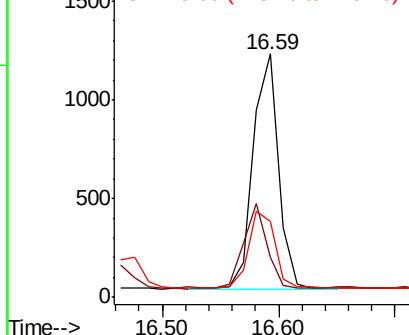
#21
Hexachlorobenzene
Concen: 0.426 ng
RT: 16.59 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 1799
Ion Ratio Lower Upper
284 100
142 33.3 25.9 38.9
249 34.5 26.6 40.0

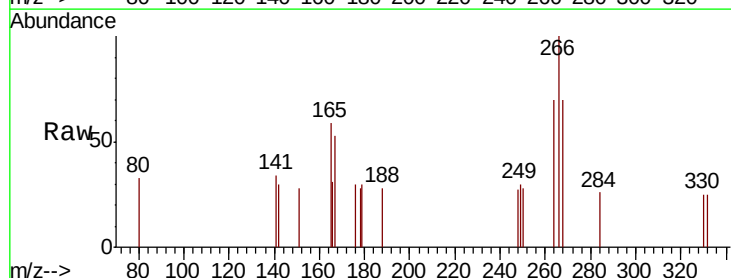


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

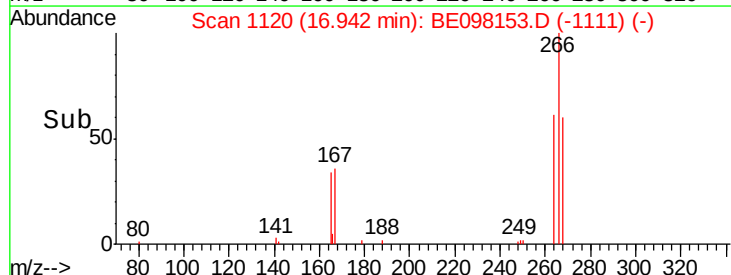
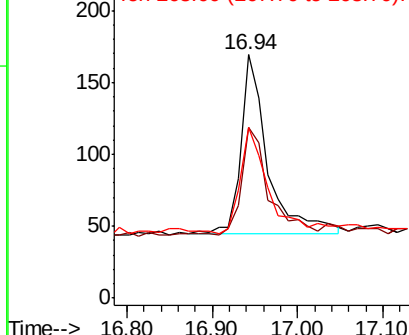


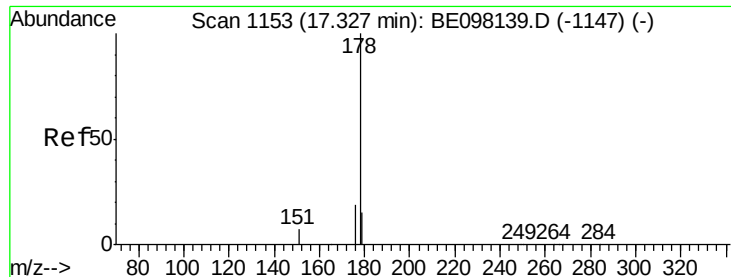
#22
Pentachlorophenol
Concen: 0.349 ng
RT: 16.94 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:266 Resp: 269
Ion Ratio Lower Upper
266 100
264 70.4 51.3 76.9
268 70.4 50.1 75.1



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: 0.417 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

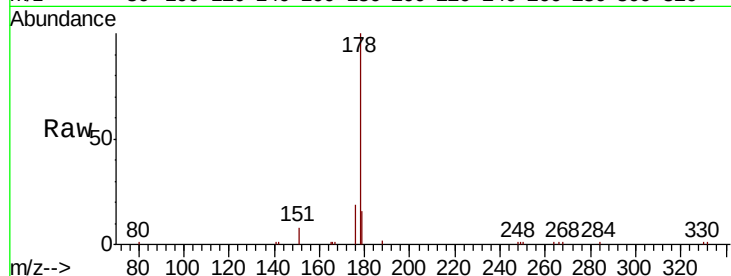
Tot Ion:178 Resp: 6856

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

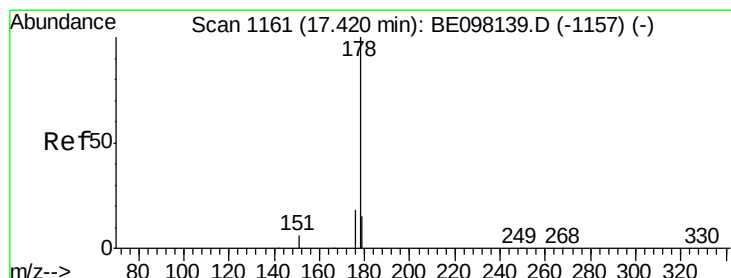
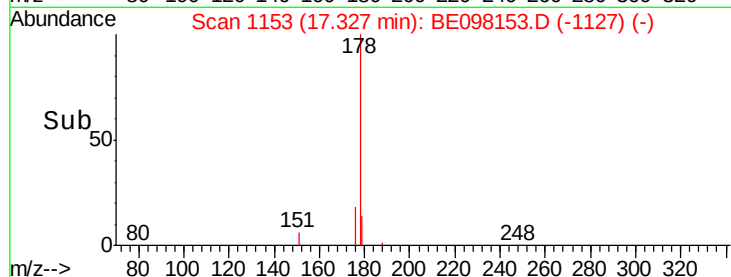
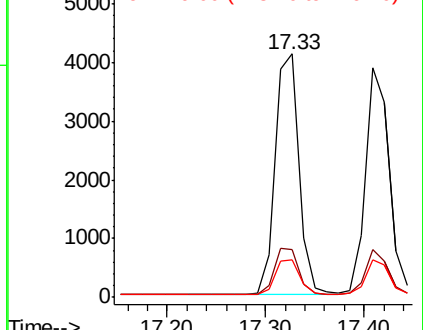
179 14.9 12.2 18.4



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: 0.407 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

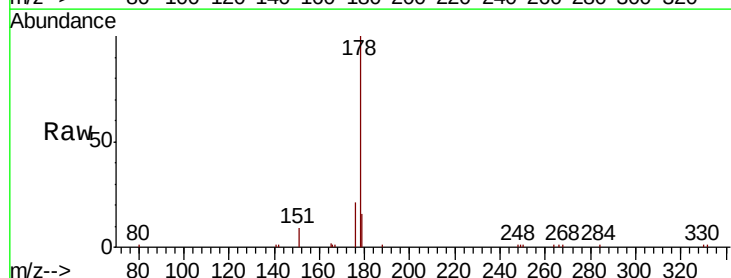
Tgt Ion:178 Resp: 6360

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

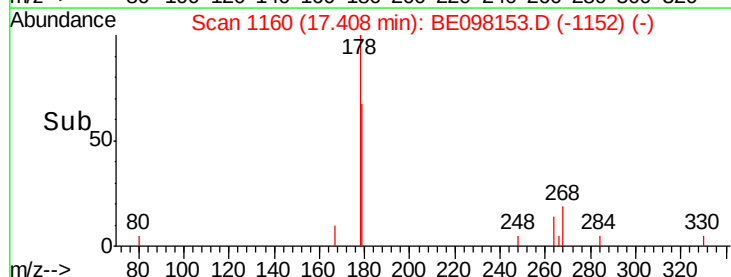
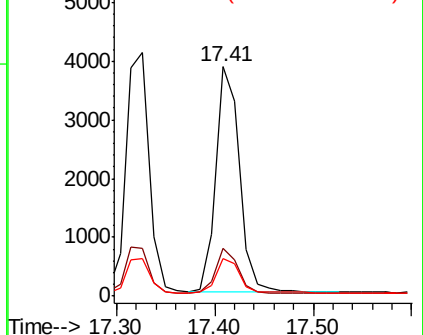
179 15.1 11.9 17.9

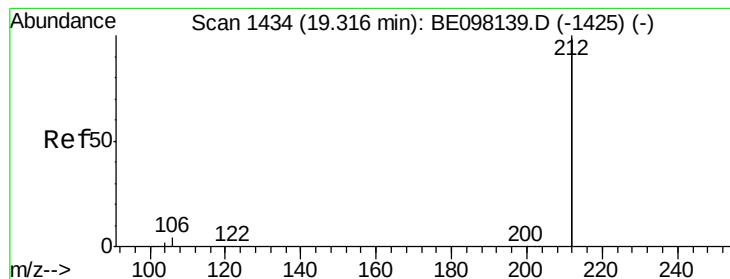


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.418 ng

RT: 19.31 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

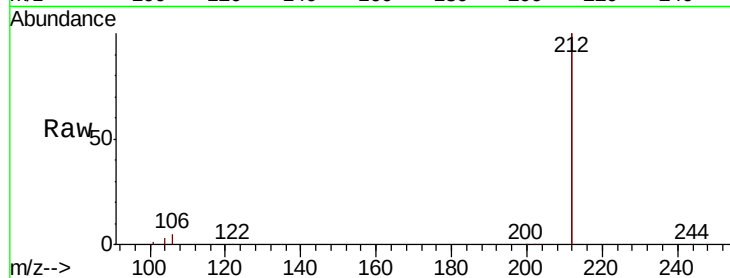
Tot Ion:212 Resp: 35725

Ion Ratio Lower Upper

212 100

106 2.1 2.3 3.5#

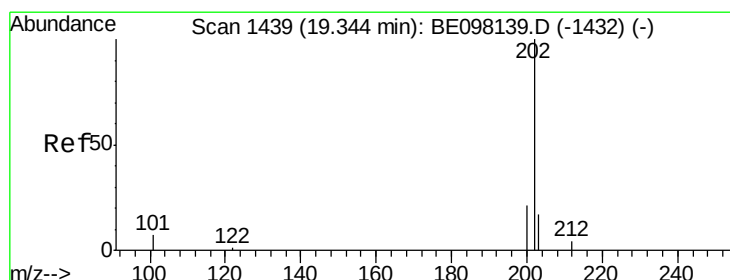
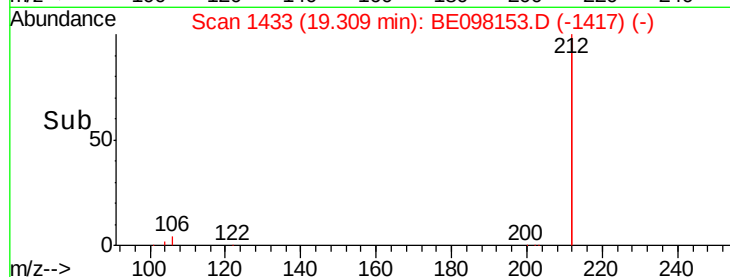
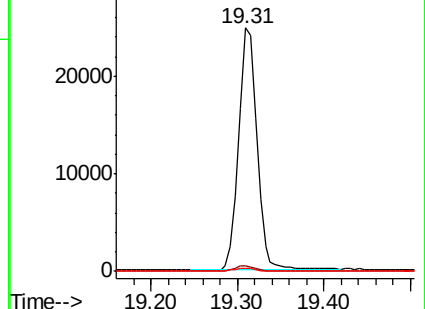
104 1.3 1.3 1.9#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.424 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

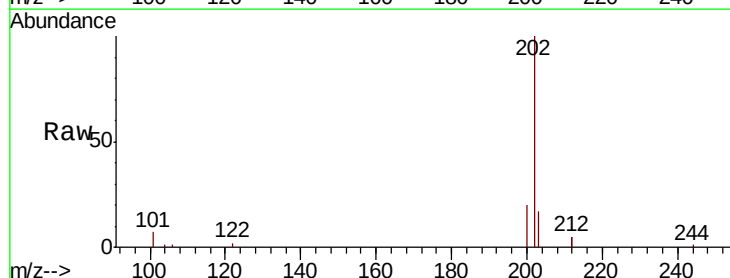
Tgt Ion:202 Resp: 8727

Ion Ratio Lower Upper

202 100

101 7.9 8.2 12.2#

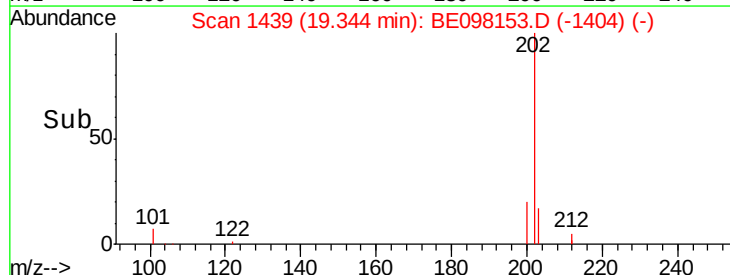
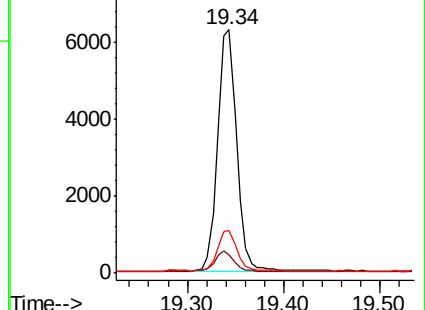
203 17.1 15.0 22.4

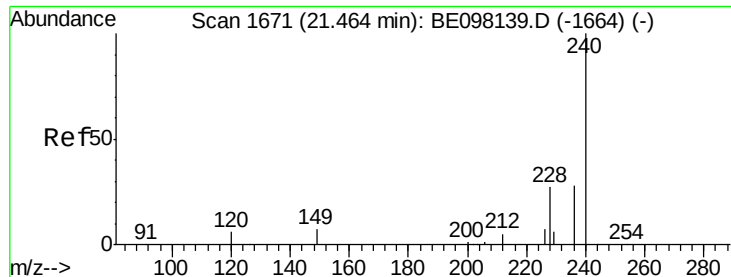


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

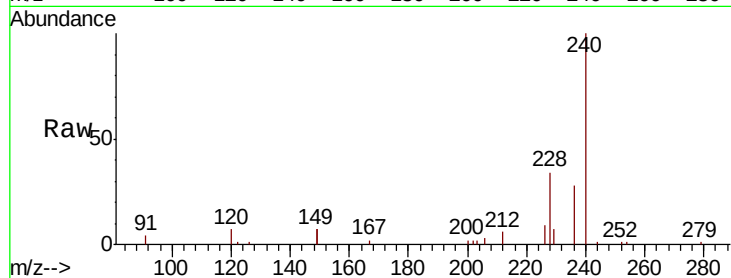
Tot Ion:240 Resp: 8170

Ion Ratio Lower Upper

240 100

120 7.5 7.1 10.7

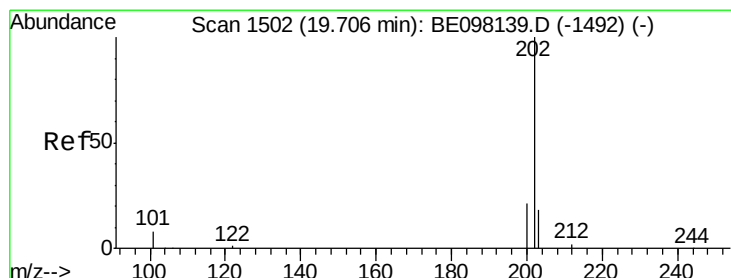
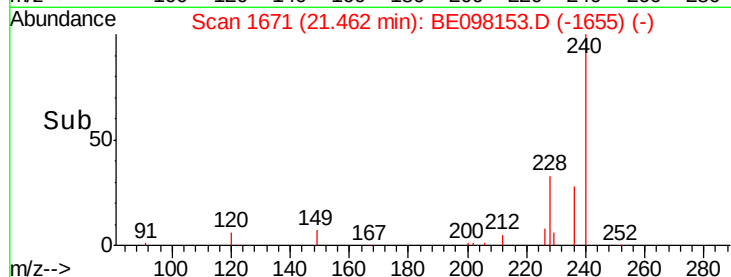
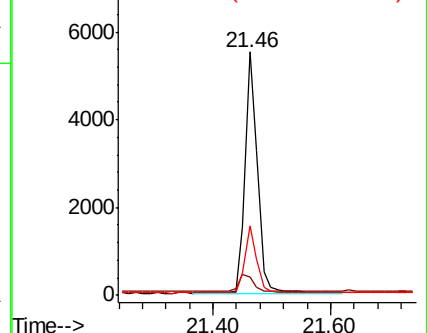
236 28.4 21.3 31.9



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: 0.411 ng

RT: 19.70 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

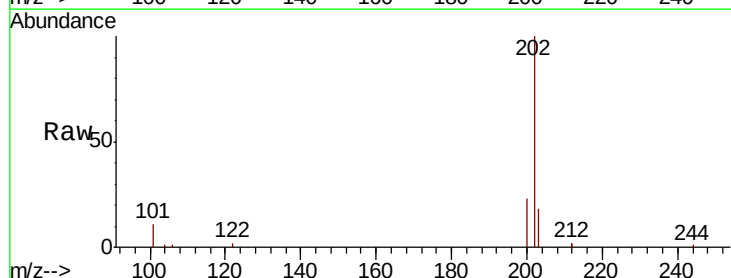
Tgt Ion:202 Resp: 9165

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

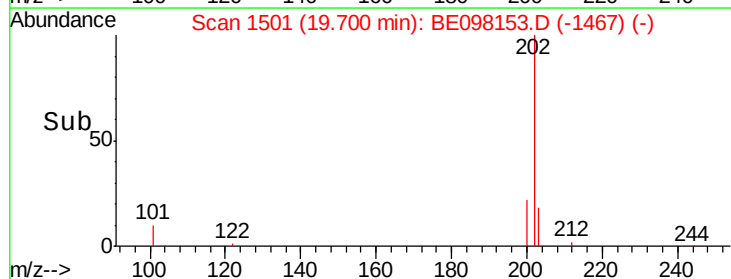
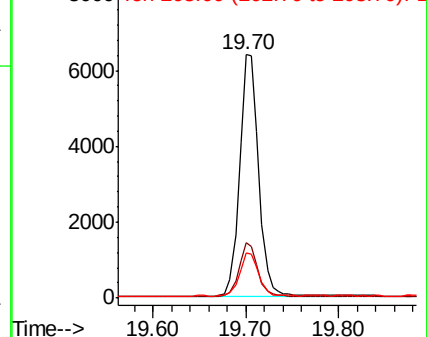
203 17.8 14.2 21.4

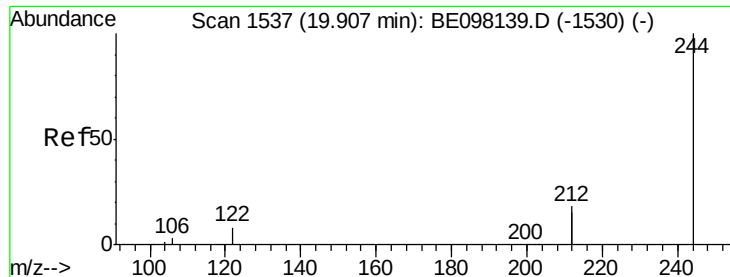


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.412 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

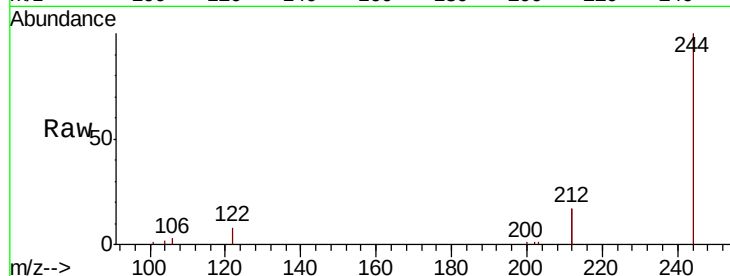
Tot Ion:244 Resp: 7836

Ion Ratio Lower Upper

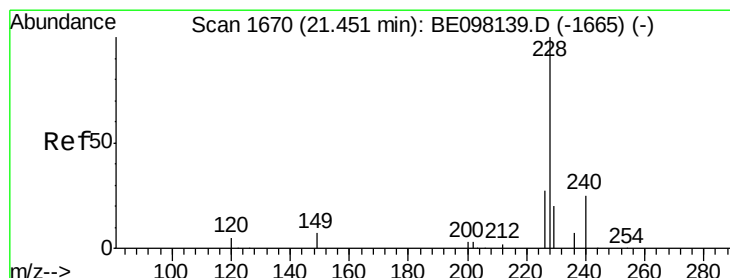
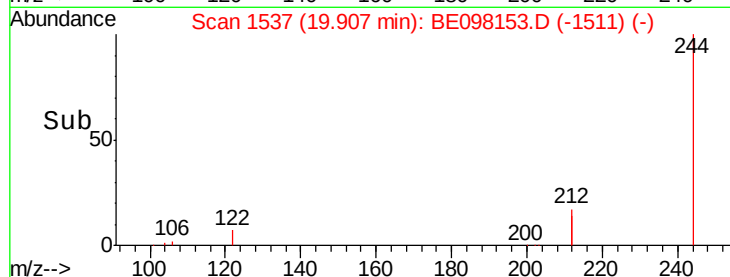
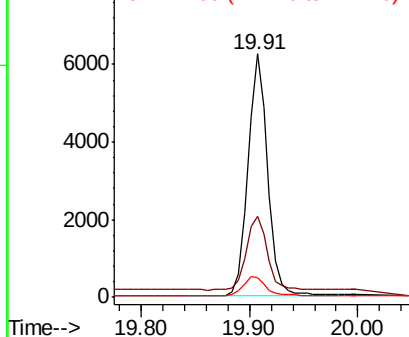
244 100

212 33.4 26.2 39.2

122 7.9 7.7 11.5



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: 0.407 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

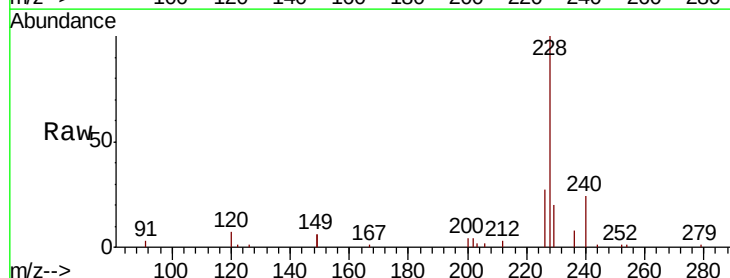
Tgt Ion:228 Resp: 9714

Ion Ratio Lower Upper

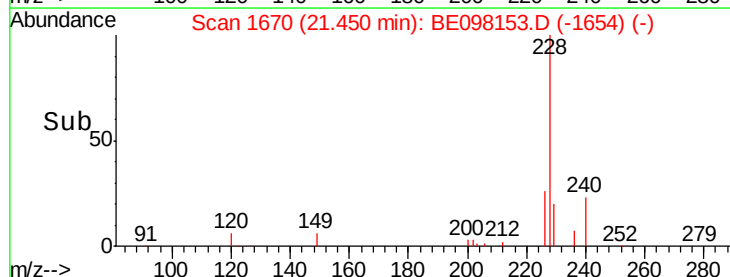
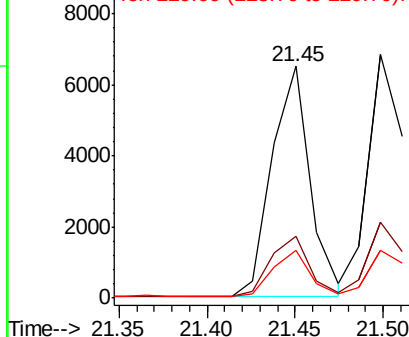
228 100

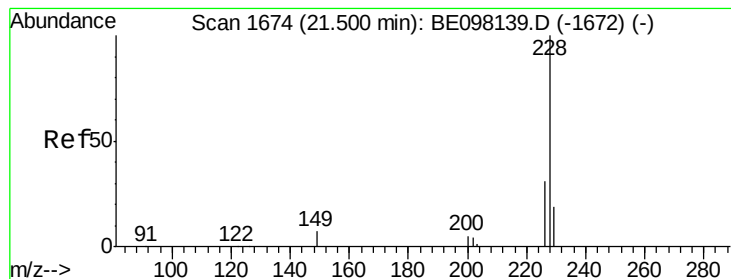
226 26.7 22.6 33.8

229 20.5 16.9 25.3



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: 0.417 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

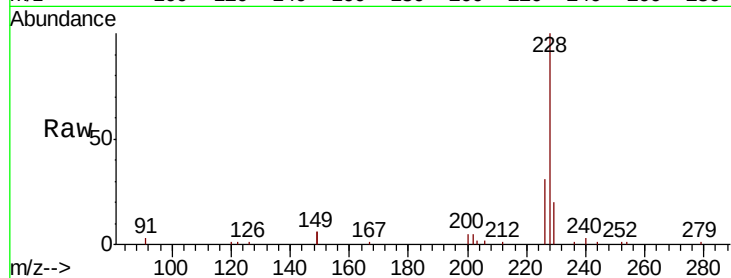
Tot Ion:228 Resp: 9848

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

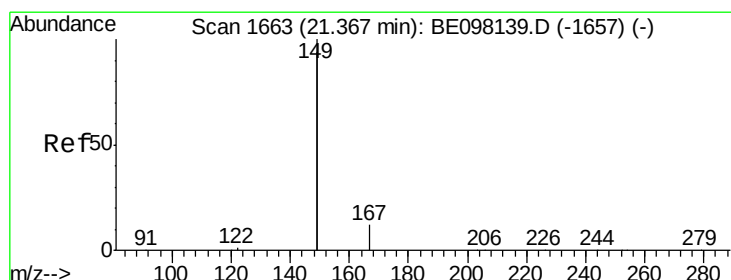
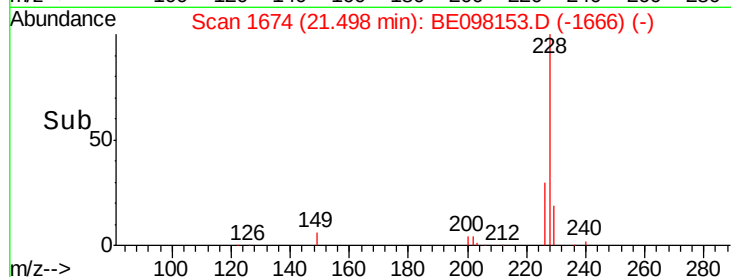
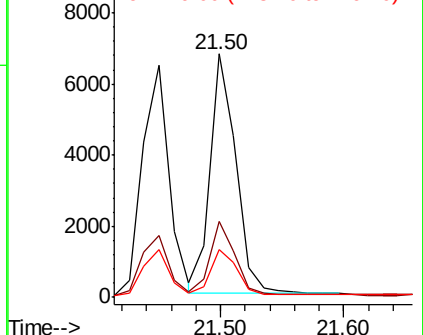
229 19.8 17.3 25.9



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: 0.132 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

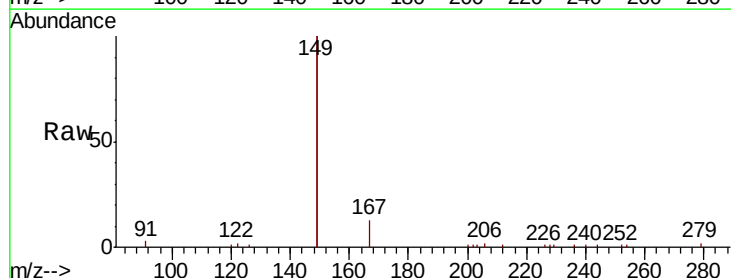
Tgt Ion:149 Resp: 14982

Ion Ratio Lower Upper

149 100

167 6.7 5.6 8.4

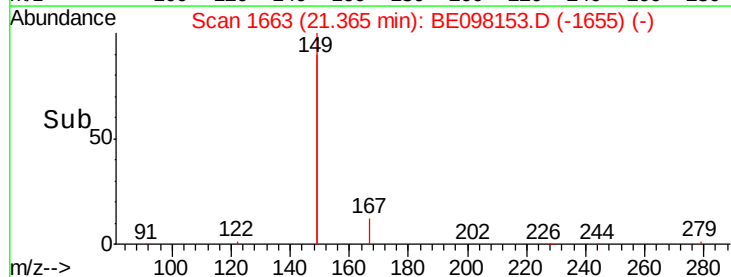
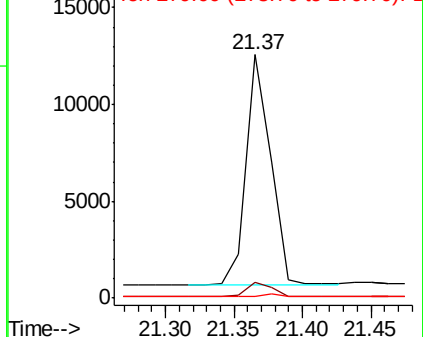
279 1.2 0.9 1.3

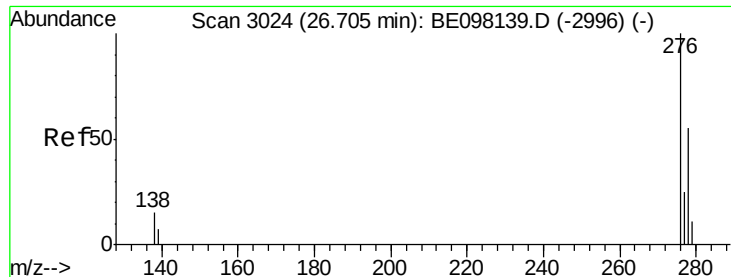


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.398 ng

RT: 26.70 min Scan# 3022

Delta R.T. -0.01 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

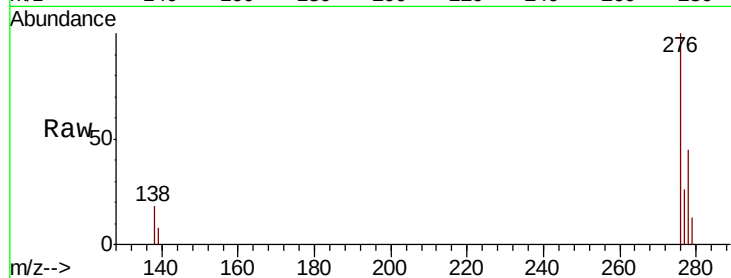
Tot Ion:276 Resp: 9787

Ion Ratio Lower Upper

276 100

138 17.0 17.0 25.6#

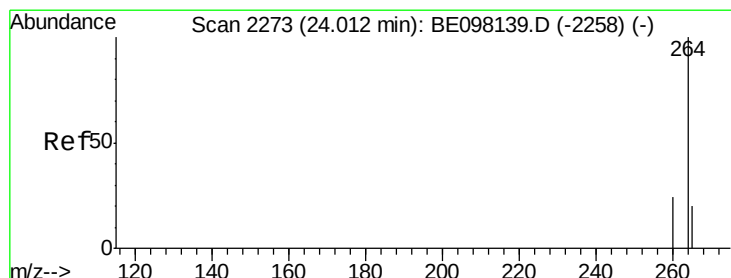
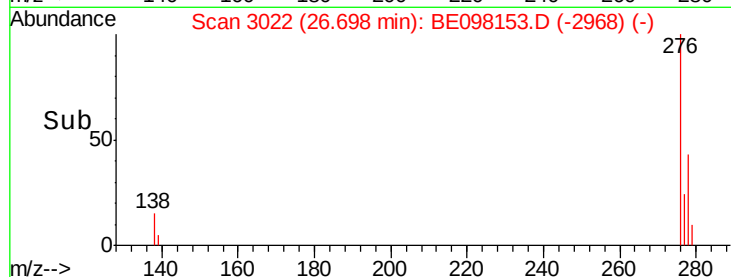
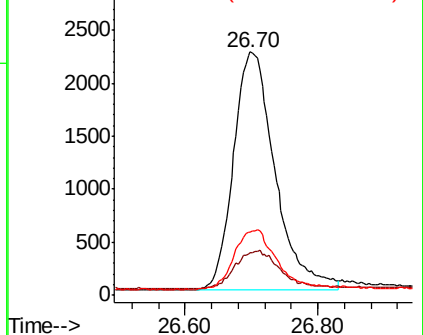
277 24.5 20.5 30.7



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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

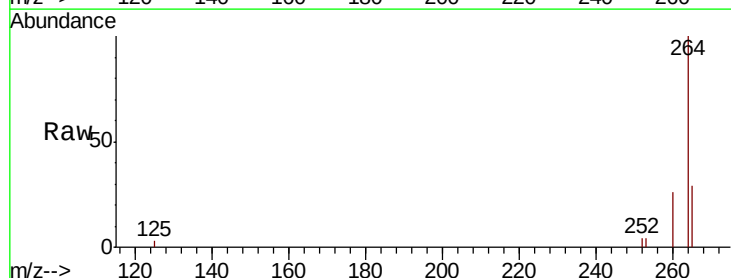
Tgt Ion:264 Resp: 8046

Ion Ratio Lower Upper

264 100

260 26.0 21.1 31.7

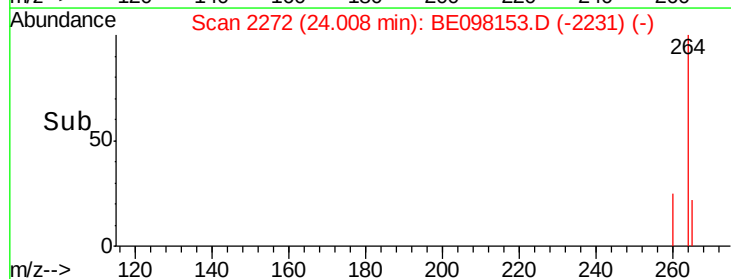
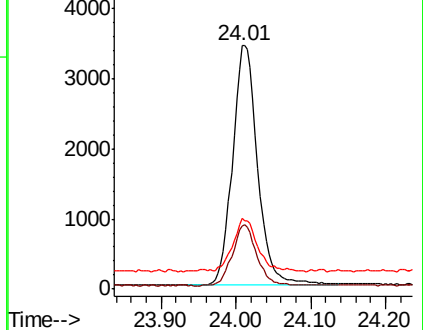
265 29.2 29.2 43.8#

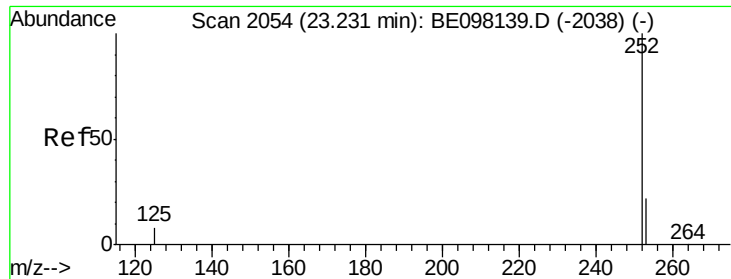


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.406 ng

RT: 23.23 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

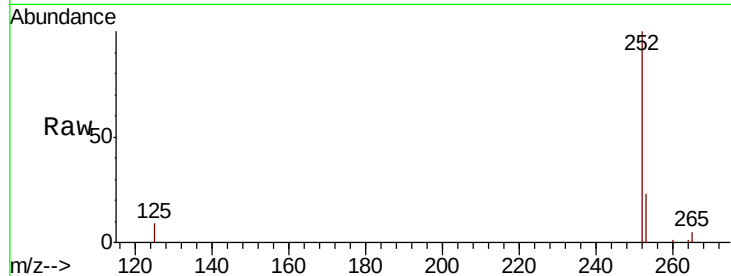
Tot Ion:252 Resp: 9203

Ion Ratio Lower Upper

252 100

253 23.3 20.6 31.0

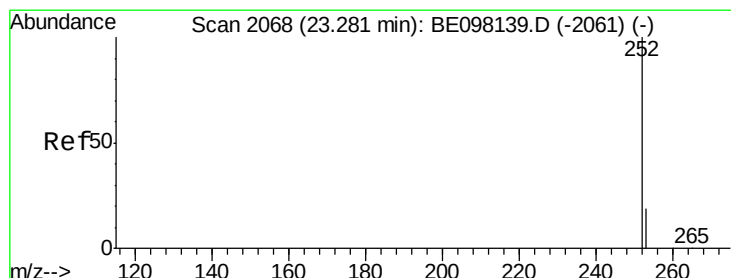
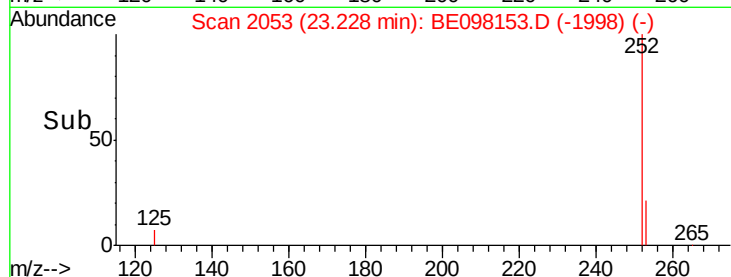
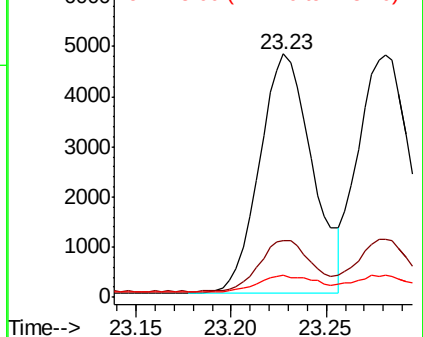
125 9.2 14.3 21.5#



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



#36

Benzo(k)fluoranthene

Concen: 0.397 ng

RT: 23.28 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

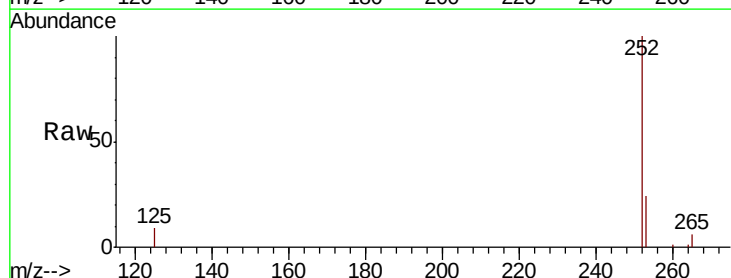
Tgt Ion:252 Resp: 9321

Ion Ratio Lower Upper

252 100

253 23.8 20.4 30.6

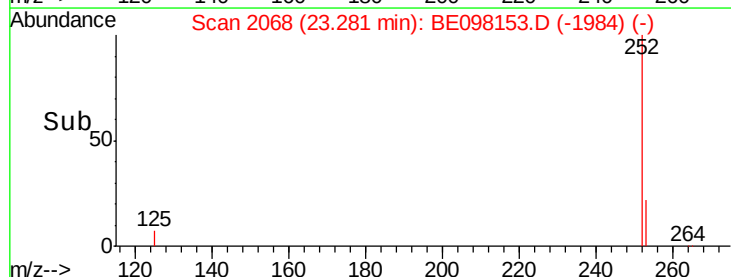
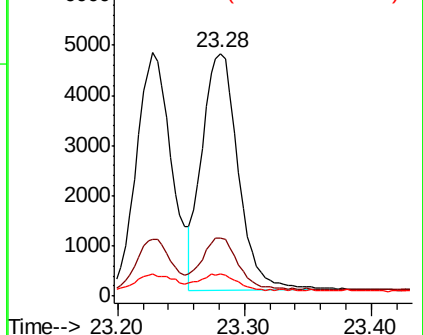
125 9.3 14.6 21.8#

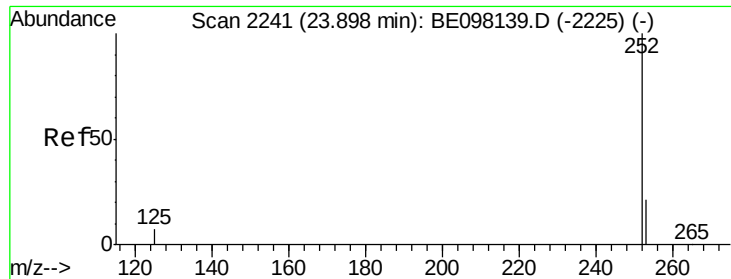


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

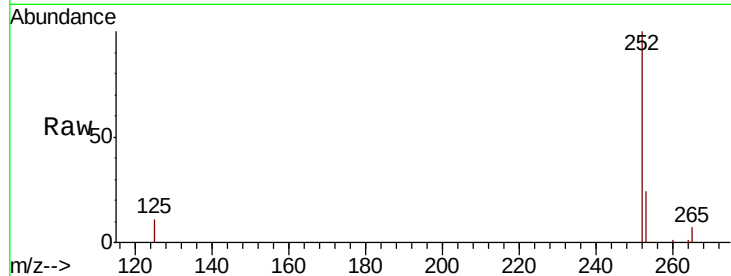




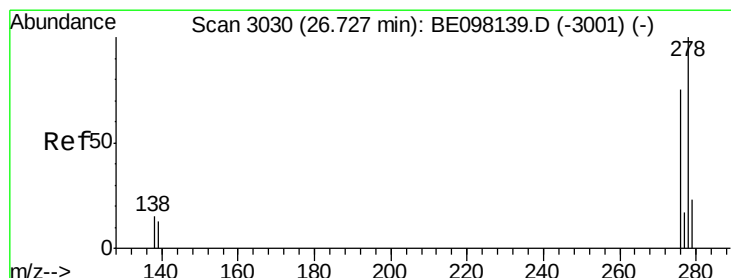
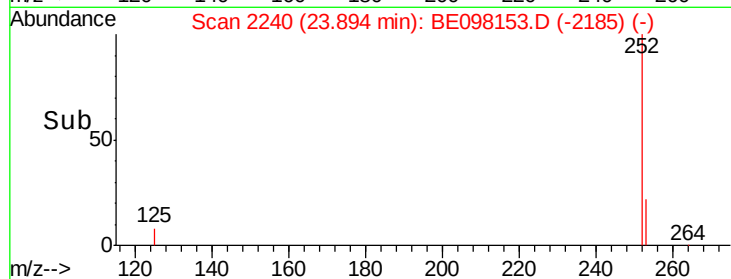
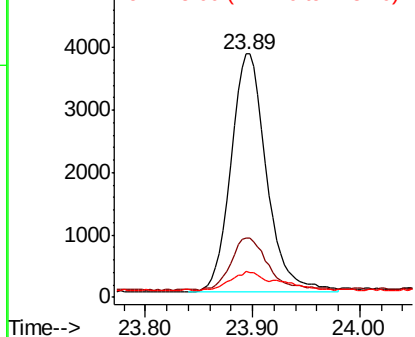
#37
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 8723
Ion Ratio Lower Upper
252 100
253 24.3 20.6 31.0
125 10.9 15.6 23.4#

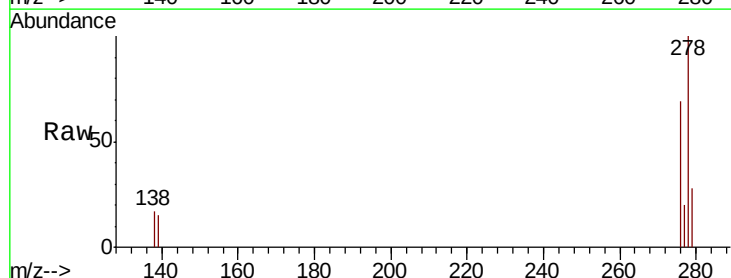


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

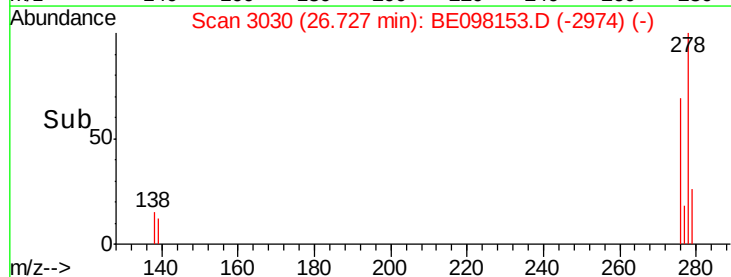
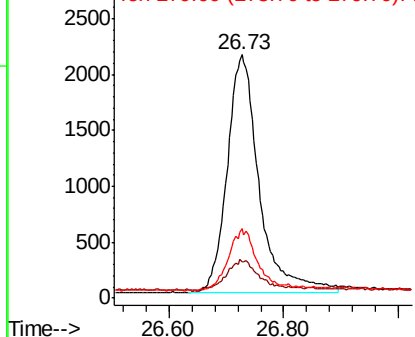


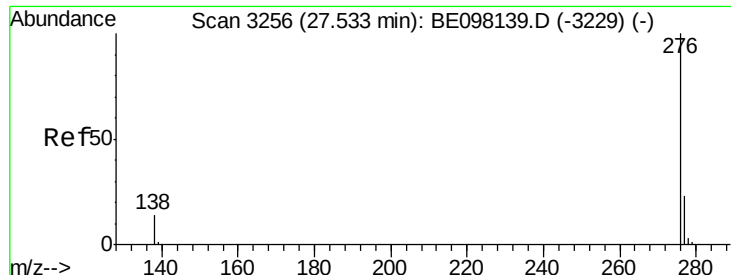
#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.73 min Scan# 3030
Delta R.T. 0.00 min
Lab File: BE098153.D
Acq: 5 Nov 2018 9:41

Tgt Ion:278 Resp: 8222
Ion Ratio Lower Upper
278 100
139 15.1 16.3 24.5#
279 28.4 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(a,h,i)perylene

Concen: 0.396 ng

RT: 27.52 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BE098153.D

Acq: 5 Nov 2018 9:41

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

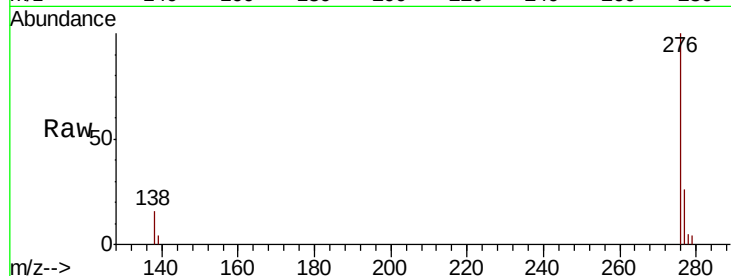
Tot Ion: 276 Resp: 8152

Ion Ratio Lower Upper

276 100

277 25.7 22.1 33.1

138 16.4 19.3 28.9



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

