

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111418\
 Data File : BE098226.D
 Acq On : 14 Nov 2018 17:14
 Operator : SJ/JU
 Sample : BS-TEST
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BS-TEST

Quant Time: Nov 14 17:56:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 13:32:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1061	0.40	ng	0.01
7) Naphthalene-d8	10.67	136	4164	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2445	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7050	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8537	0.40	ng	0.00
34) Perylene-d12	24.01	264	8041	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	889	0.30	ng	0.00
5) Phenol-d6	7.04	99	1219	0.25	ng	0.00
8) Nitrobenzene-d5	9.03	82	1256	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2150	0.29	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	306	0.29	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2851	0.28	ng	0.01
25) Fluoranthene-d10	19.31	212	28495	0.32	ng	0.00
29) Terphenyl-d14	19.91	244	7278	0.38	ng	0.00

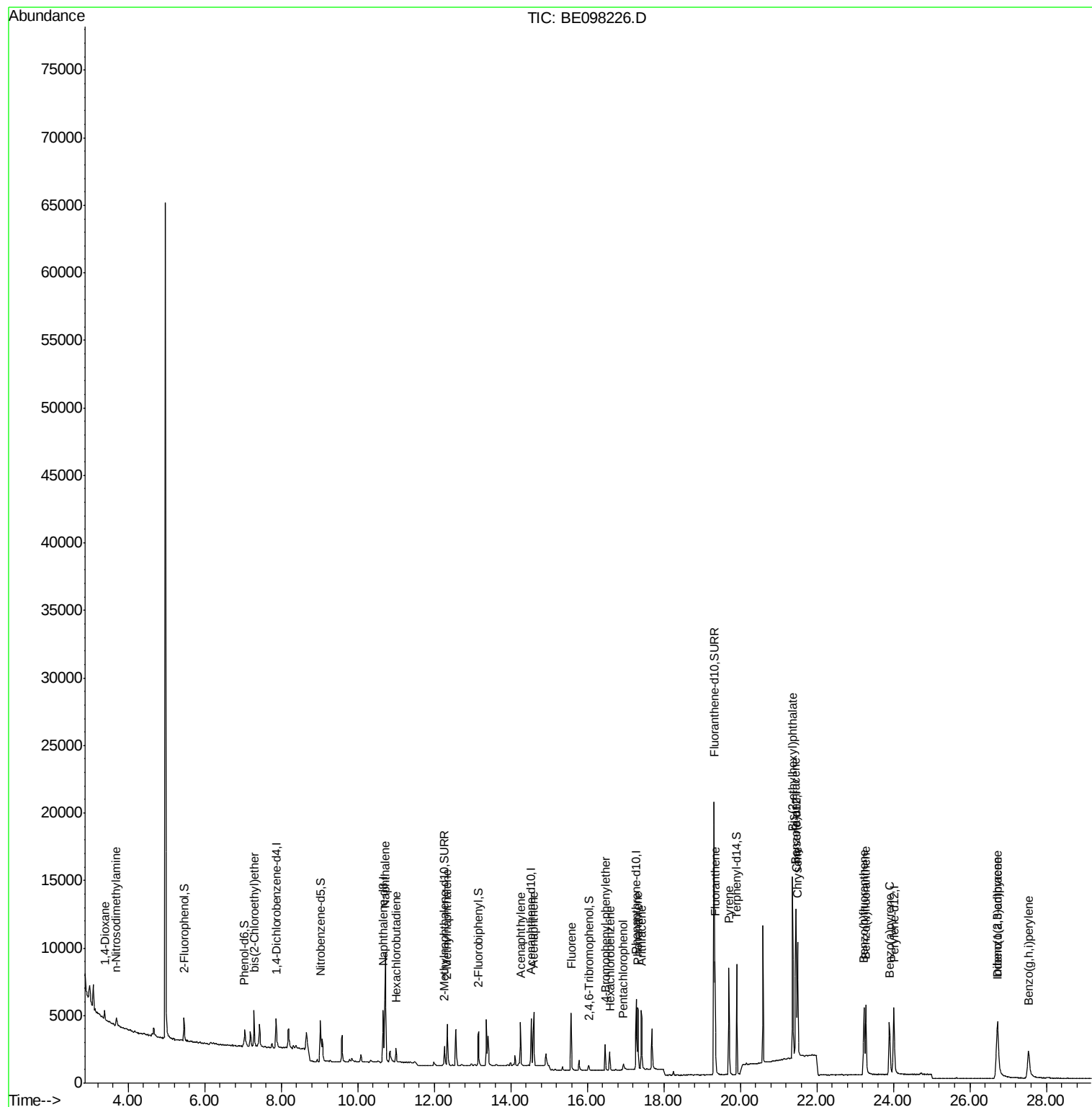
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	418	0.261	ng	# 55
3) n-Nitrosodimethylamine	3.69	42	608	0.292	ng	# 86
6) bis(2-Chloroethyl)ether	7.30	93	1062	0.273	ng	96
9) Naphthalene	10.72	128	13305	0.314	ng	99
10) Hexachlorobutadiene	11.00	225	721	0.274	ng	98
12) 2-Methylnaphthalene	12.34	142	2251	0.306	ng	100
16) Acenaphthylene	14.26	152	3733	0.333	ng	97
17) Acenaphthene	14.60	154	2063	0.301	ng	96
18) Fluorene	15.58	166	3012	0.344	ng	100
20) 4-Bromophenyl-phenylether	16.48	248	1114	0.259	ng	# 76
21) Hexachlorobenzene	16.59	284	1161	0.260	ng	98
22) Pentachlorophenol	16.94	266	403	0.484	ng	96
23) Phenanthrene	17.33	178	5608	0.319	ng	99
24) Anthracene	17.41	178	5286	0.323	ng	99
26) Fluoranthene	19.34	202	7349	0.338	ng	99
28) Pyrene	19.70	202	7424	0.316	ng	100
30) Benzo(a)anthracene	21.45	228	7916	0.326	ng	98
31) Chrysene	21.50	228	7905	0.321	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	14596	0.290	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	7559	0.335	ng	# 92
35) Benzo(b)fluoranthene	23.23	252	7449	0.327	ng	99
36) Benzo(k)fluoranthene	23.28	252	8023	0.333	ng	98
37) Benzo(a)pyrene	23.90	252	7075	0.323	ng	95
38) Dibenzo(a,h)anthracene	26.73	278	6025	0.323	ng	98
39) Benzo(g,h,i)perylene	27.53	276	6514	0.335	ng	# 95

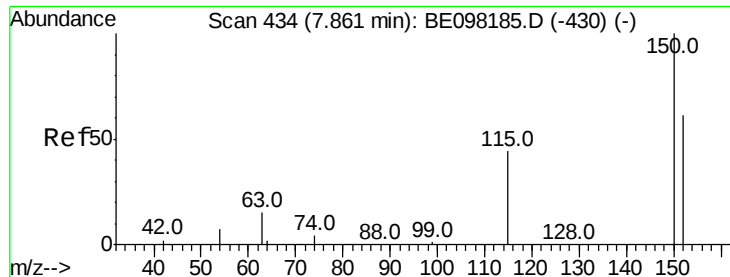
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 14 17:56:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 13:32:15 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

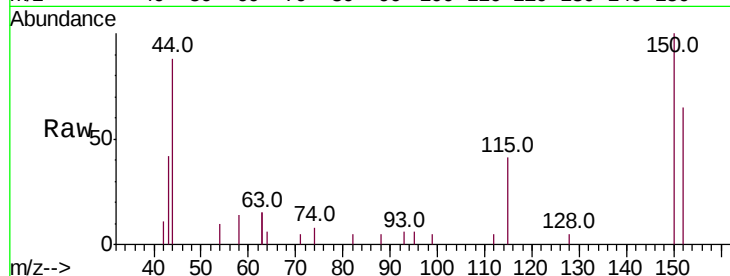
Tot Ion:152 Resp: 1061

Ion Ratio Lower Upper

152 100

150 153.3 127.5 191.3

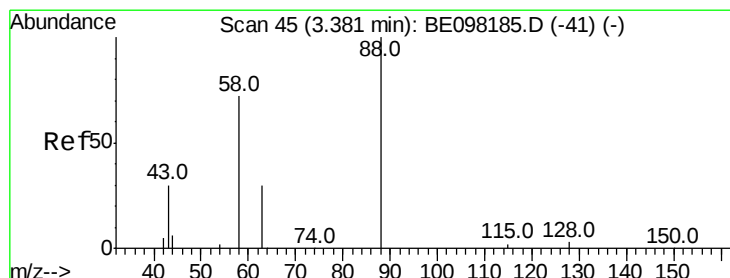
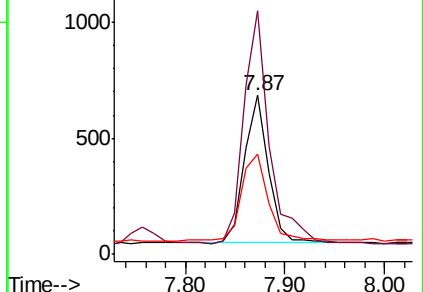
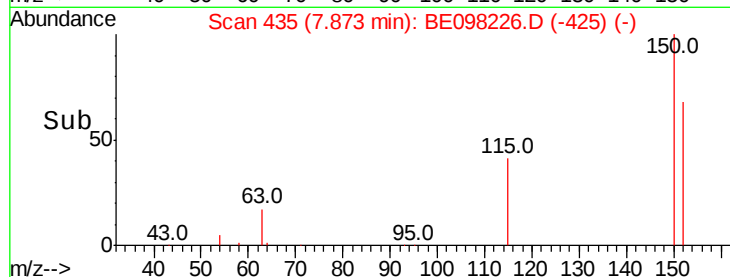
115 63.1 60.3 90.5



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: 0.261 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

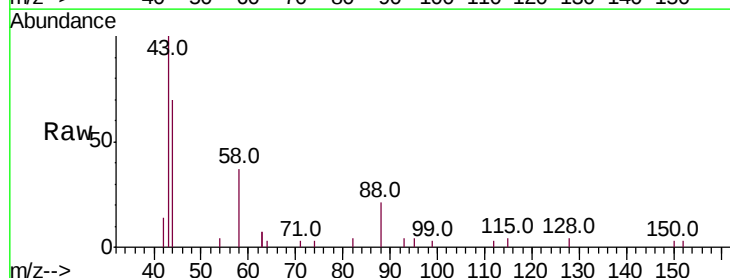
Tgt Ion: 88 Resp: 418

Ion Ratio Lower Upper

88 100

58 99.8 79.0 118.4

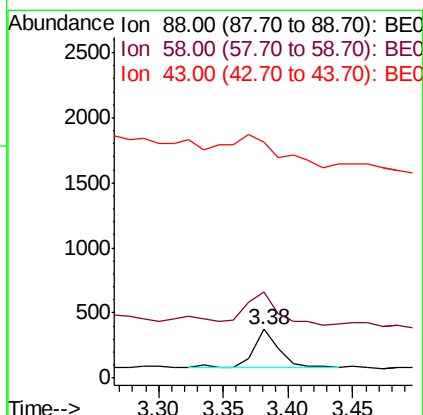
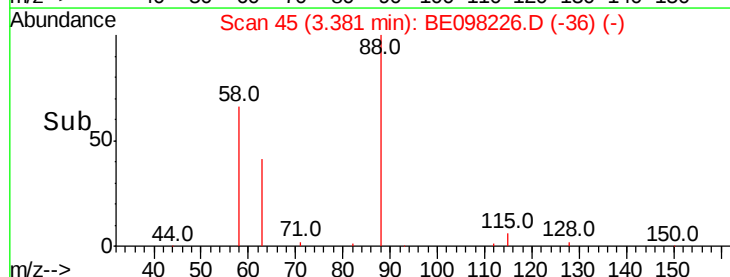
43 138.8 38.1 57.1#

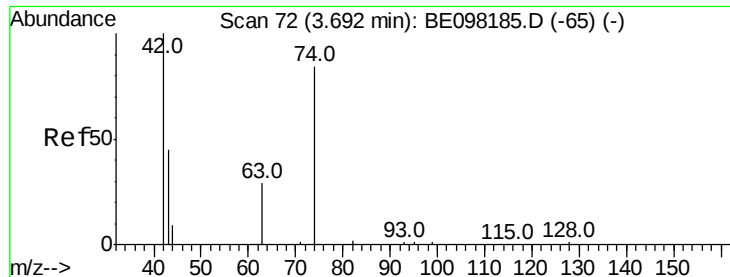


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



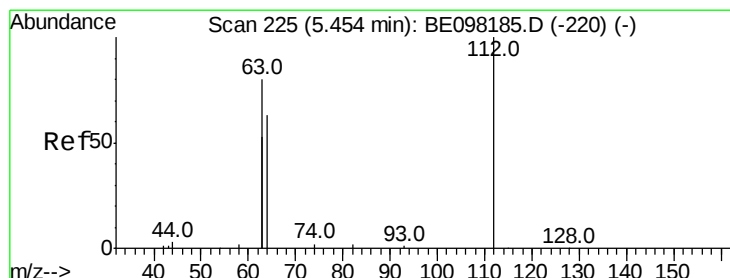
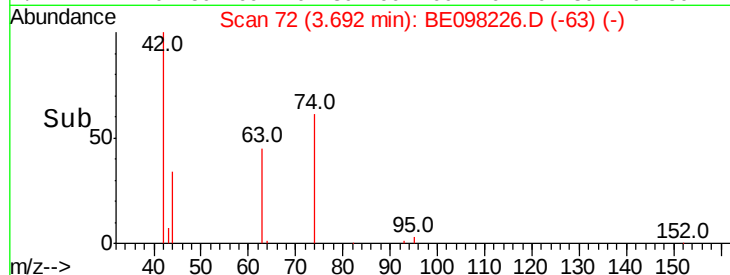
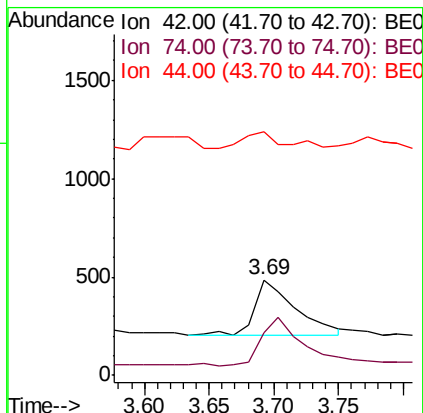
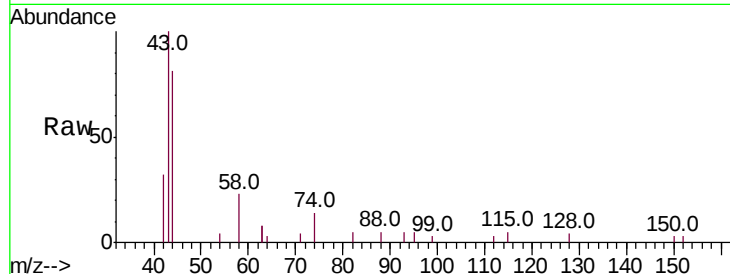


#3

n-Nitrosodimethylamine
 Concen: 0.292 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098226.D
 Acq: 14 Nov 2018 17:14

Instrument :
 BNA_E
 ClientSampleId :
 BS-TEST

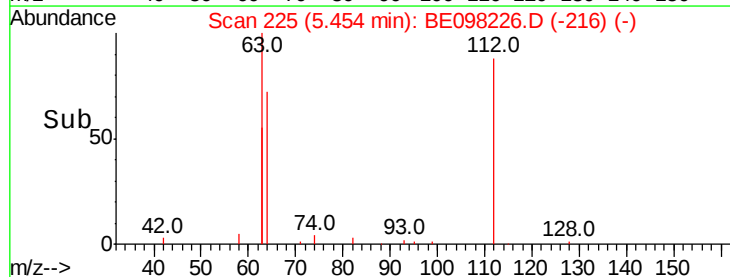
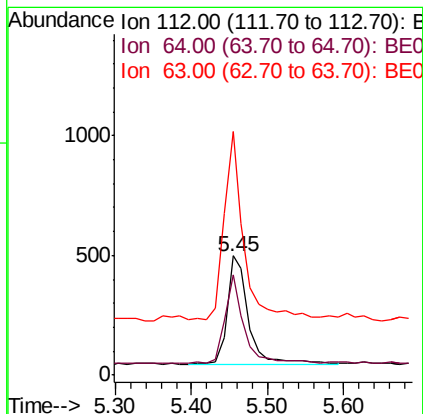
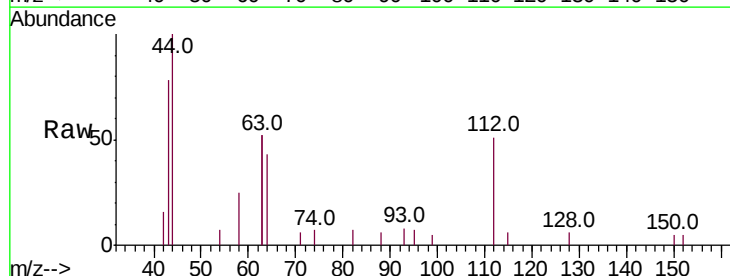
Tot Ion: 42 Resp: 608
 Ion Ratio Lower Upper
 42 100
 74 88.7 61.7 92.5
 44 25.5 14.0 21.0#

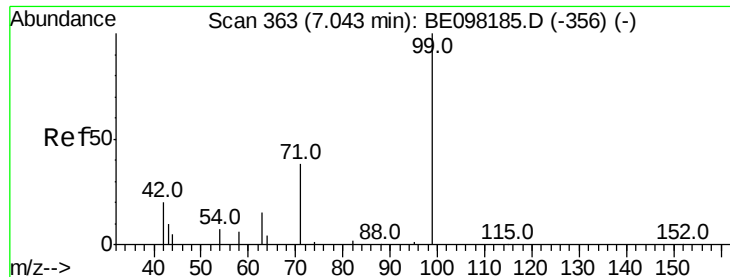


#4

2-Fluorophenol
 Concen: 0.297 ng
 RT: 5.45 min Scan# 225
 Delta R.T. -0.00 min
 Lab File: BE098226.D
 Acq: 14 Nov 2018 17:14

Tgt Ion: 112 Resp: 889
 Ion Ratio Lower Upper
 112 100
 64 73.7 61.7 92.5
 63 158.3 136.2 204.2





#5

Phenol-d6

Concen: 0.253 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

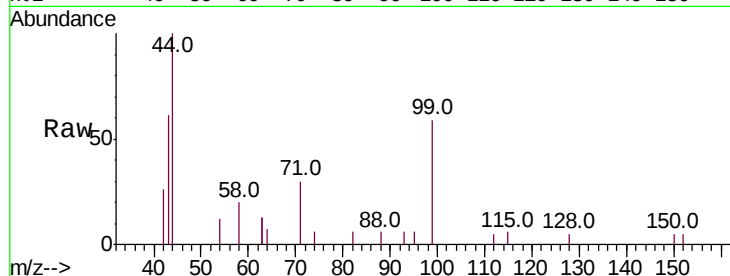
Tot Ion: 99 Resp: 1219

Ion Ratio Lower Upper

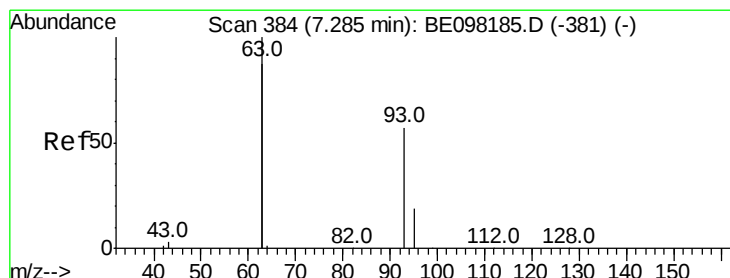
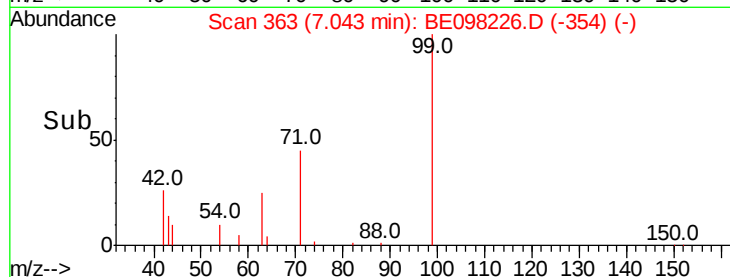
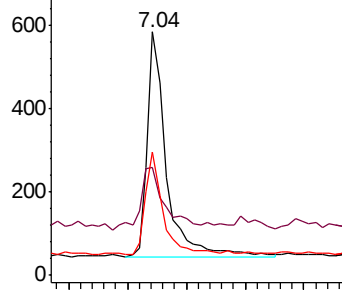
99 100

42 35.8 27.1 40.7

71 40.4 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: 0.273 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

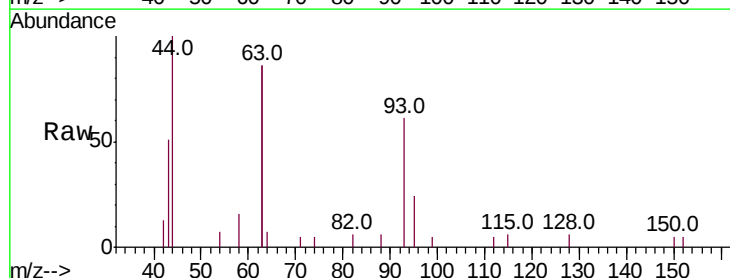
Tgt Ion: 93 Resp: 1062

Ion Ratio Lower Upper

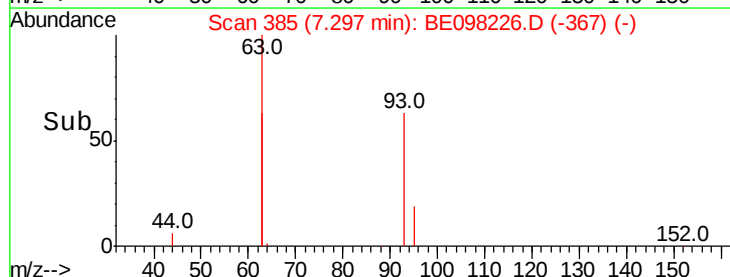
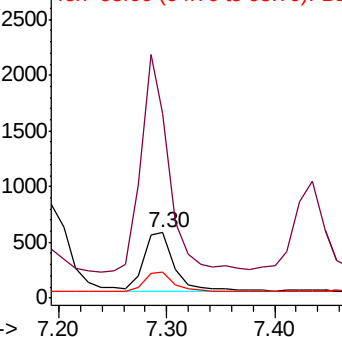
93 100

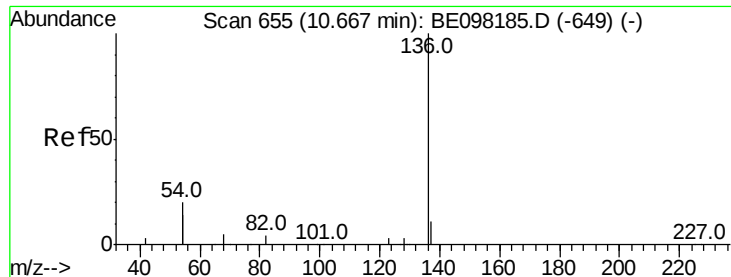
63 331.2 272.6 409.0

95 32.3 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: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

Tot Ion:136 Resp: 4164

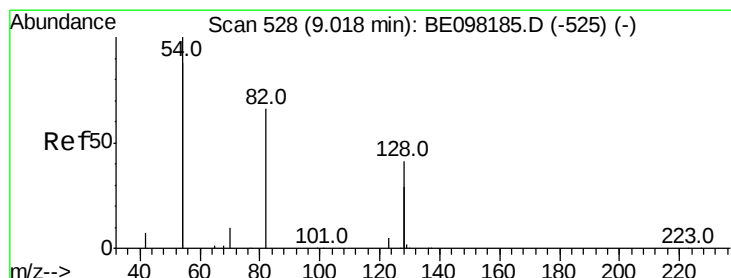
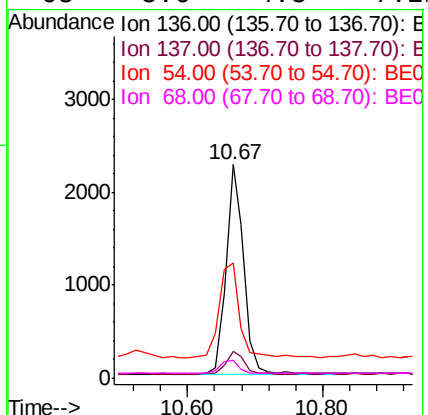
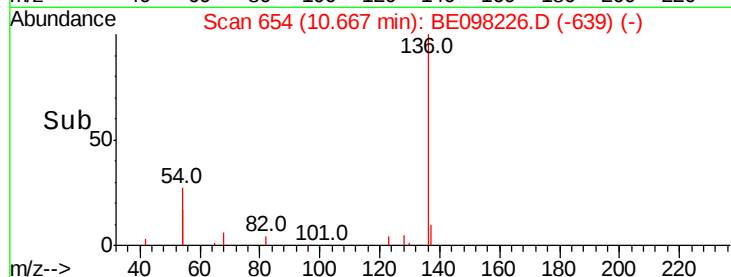
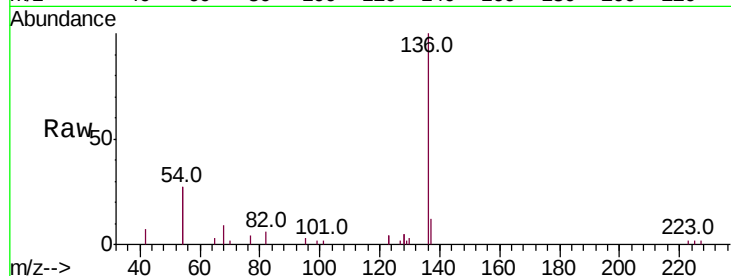
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 53.7 31.3 46.9#

68 8.6 4.8 7.2#



#8

Nitrobenzene-d5

Concen: 0.302 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

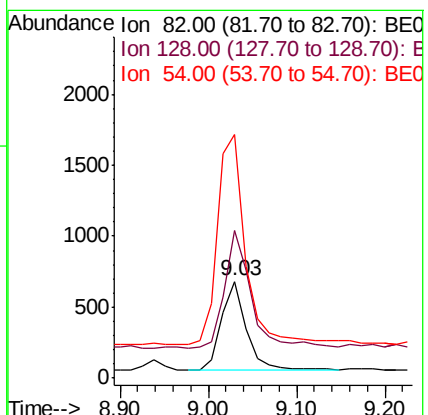
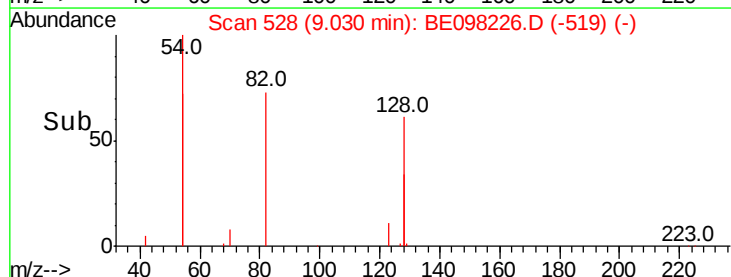
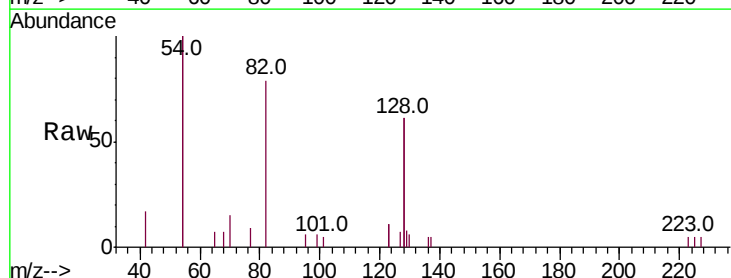
Tgt Ion: 82 Resp: 1256

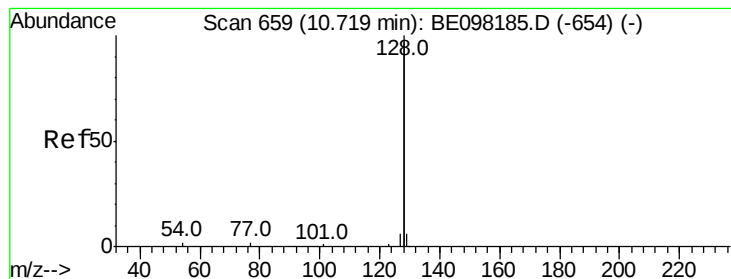
Ion Ratio Lower Upper

82 100

128 153.2 96.1 144.1#

54 252.4 232.0 348.0





#9

Naphthalene

Concen: 0.314 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

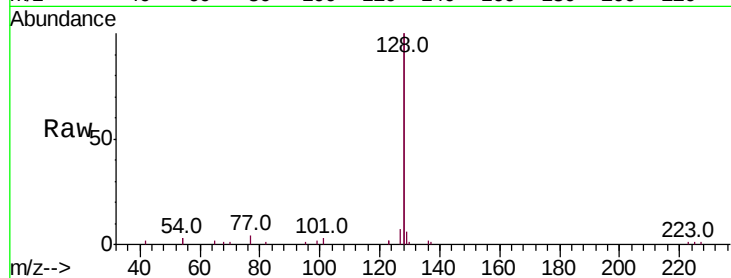
Tot Ion:128 Resp: 13305

Ion Ratio Lower Upper

128 100

129 3.1 2.6 4.0

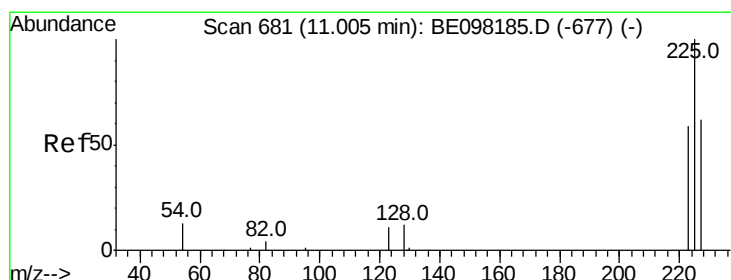
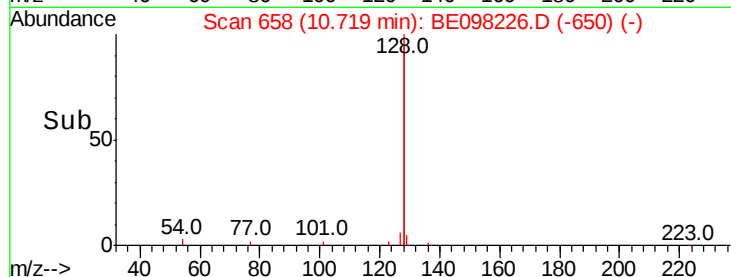
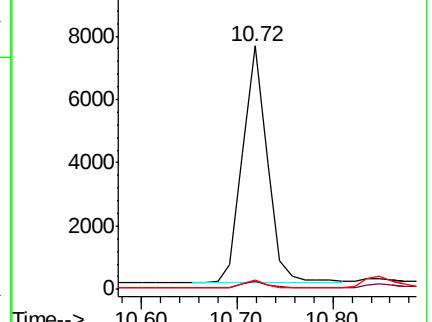
127 3.7 2.8 4.2



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: 0.274 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

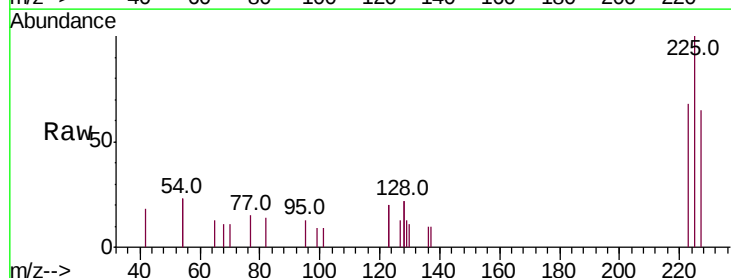
Tgt Ion:225 Resp: 721

Ion Ratio Lower Upper

225 100

223 64.2 50.5 75.7

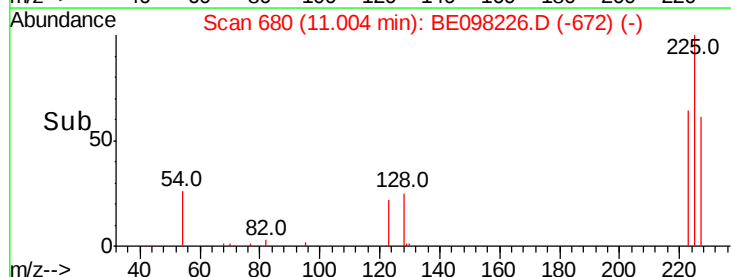
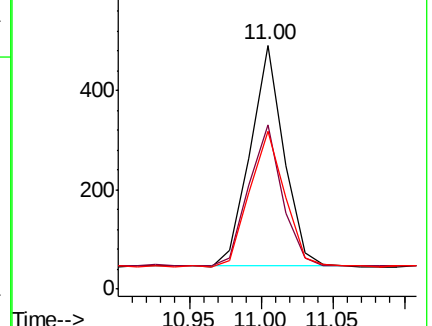
227 65.3 50.3 75.5

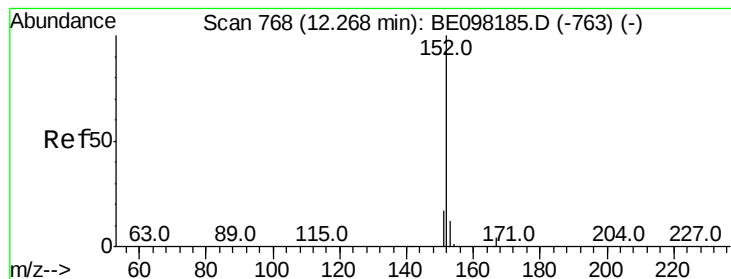


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.294 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

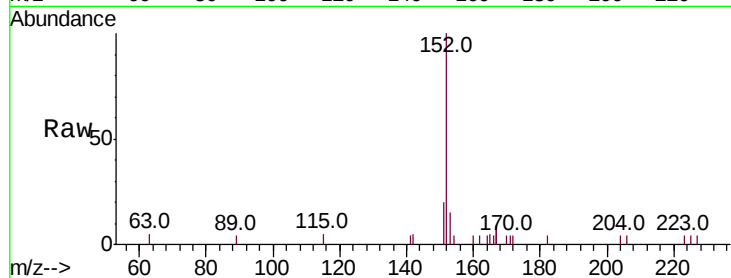
BS-TEST

Tot Ion:152 Resp: 2150

Ion Ratio Lower Upper

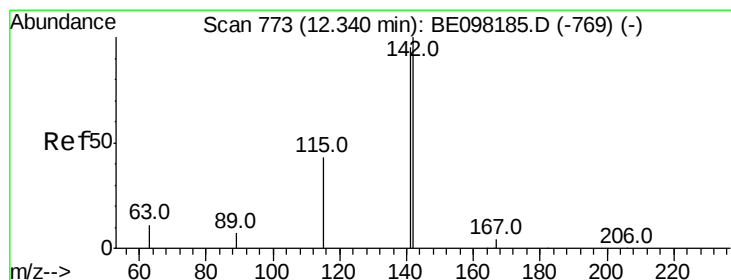
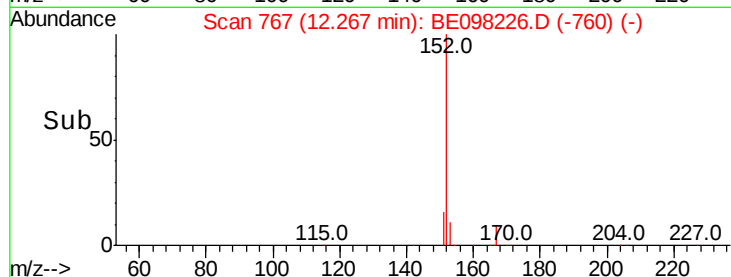
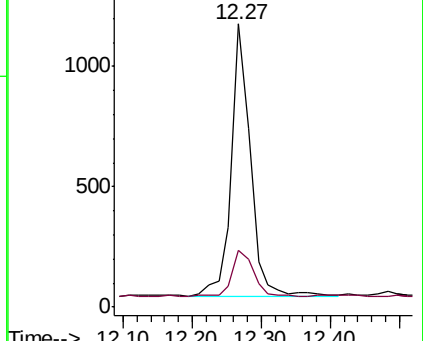
152 100

151 18.4 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.306 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

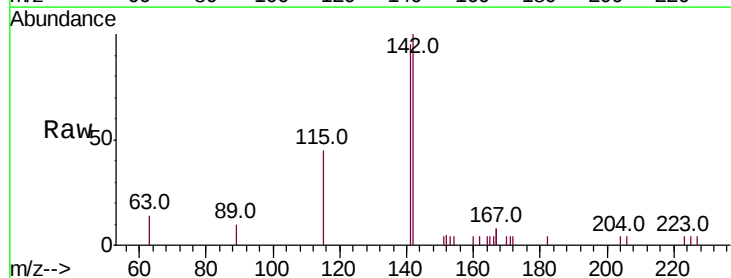
Tgt Ion:142 Resp: 2251

Ion Ratio Lower Upper

142 100

141 95.2 76.3 114.5

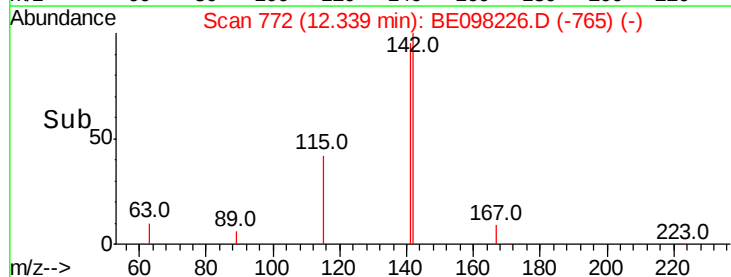
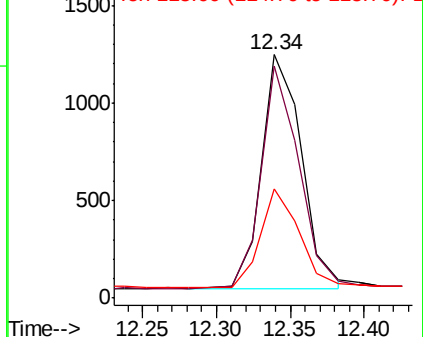
115 45.1 35.8 53.8

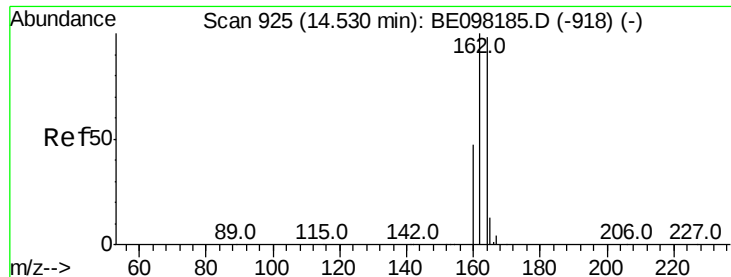


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

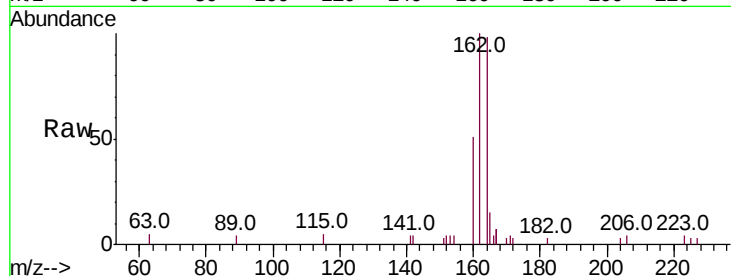




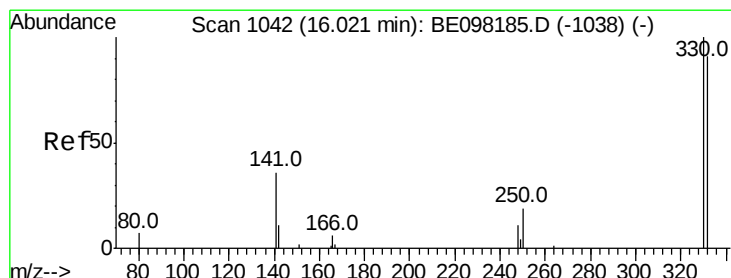
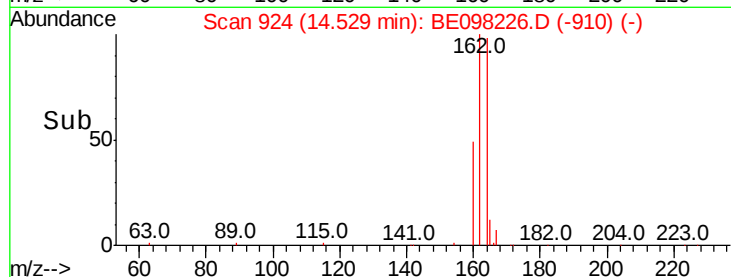
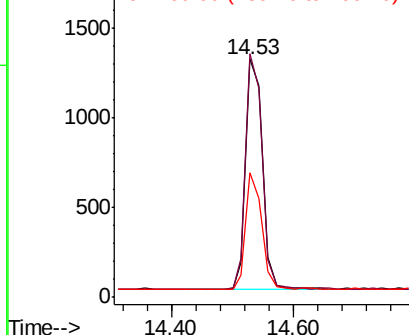
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098226.D
Acq: 14 Nov 2018 17:14

Instrument :
BNA_E
ClientSampleId :
BS-TEST

Tot Ion:164 Resp: 2445
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 52.3 39.4 59.0

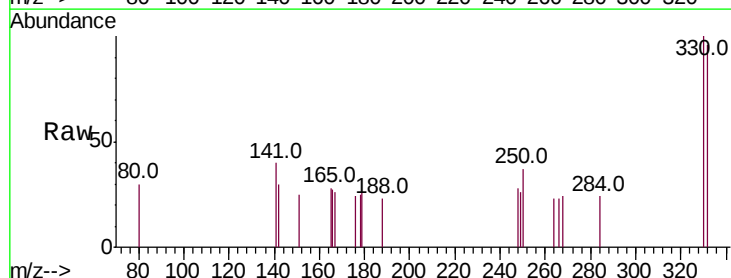


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

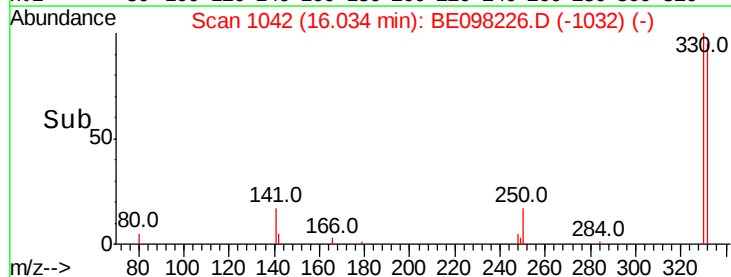
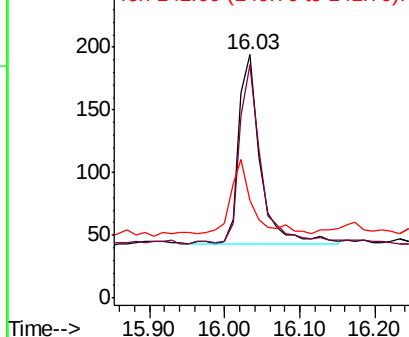


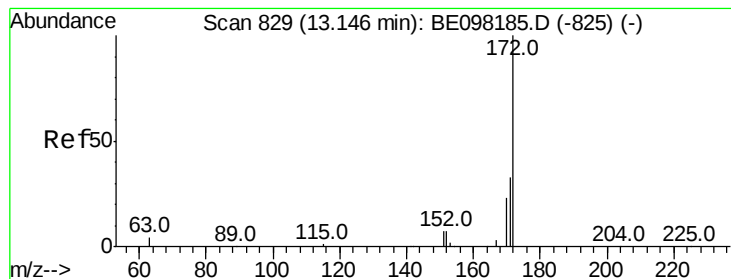
#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098226.D
Acq: 14 Nov 2018 17:14

Tgt Ion:330 Resp: 306
Ion Ratio Lower Upper
330 100
332 98.4 77.7 116.5
141 38.9 33.6 50.4



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





#15

2-Fluorobiphenyl

Concen: 0.278 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

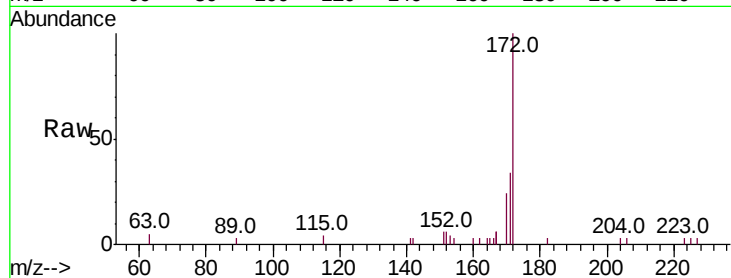
Tot Ion:172 Resp: 2851

Ion Ratio Lower Upper

172 100

171 33.6 27.3 40.9

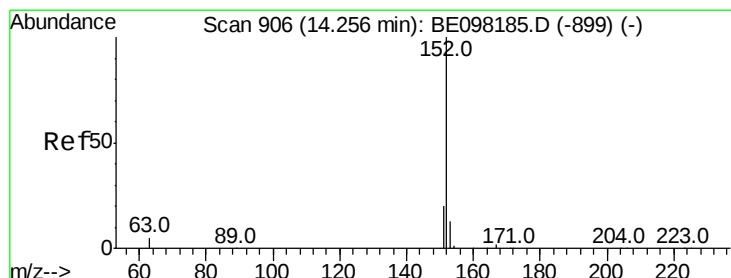
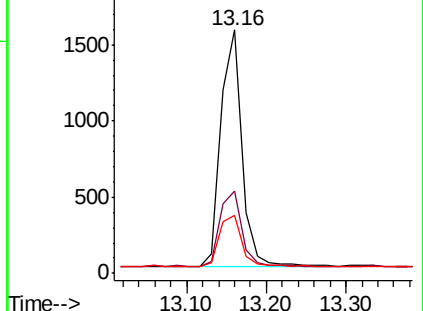
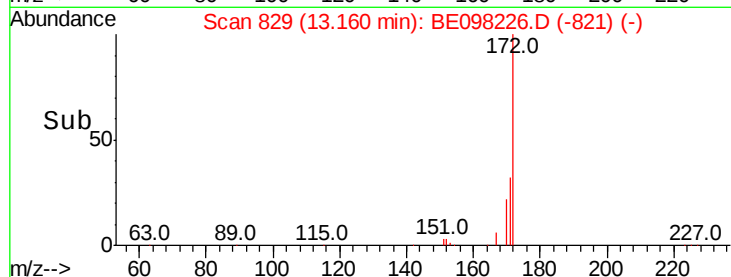
170 24.0 19.4 29.0



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: 0.333 ng

RT: 14.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

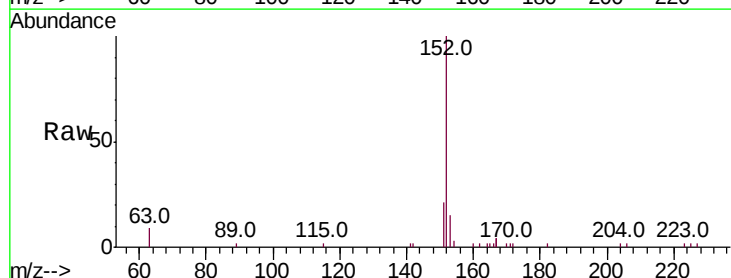
Tgt Ion:152 Resp: 3733

Ion Ratio Lower Upper

152 100

151 19.2 16.4 24.6

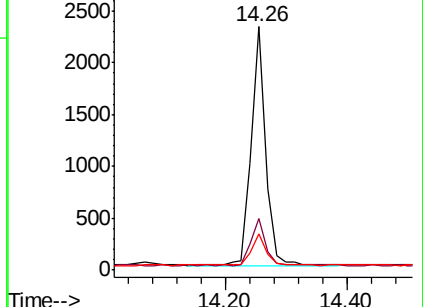
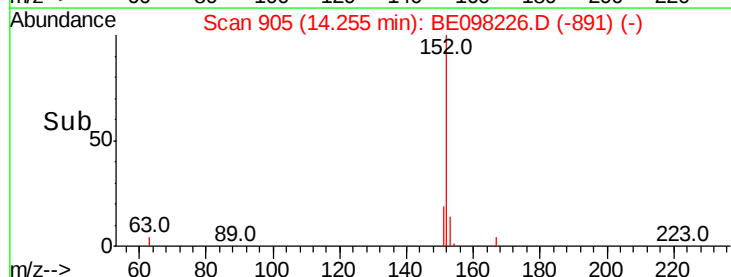
153 14.0 10.6 15.8

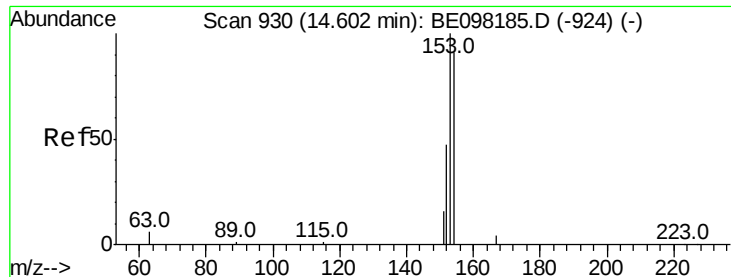


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.301 ng

RT: 14.60 min Scan# 929

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

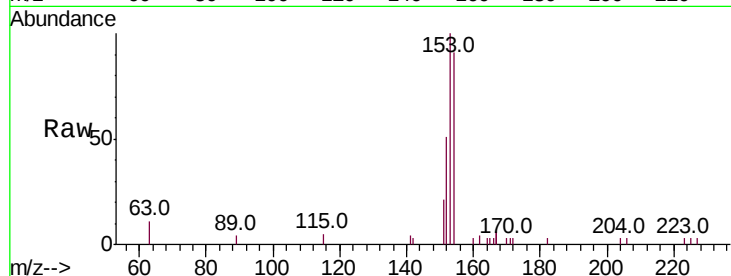
Tot Ion:154 Resp: 2063

Ion Ratio Lower Upper

154 100

153 118.9 92.1 138.1

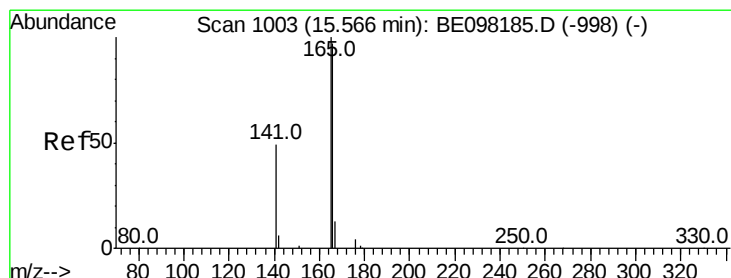
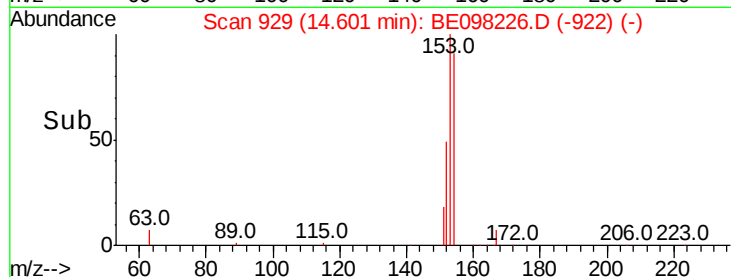
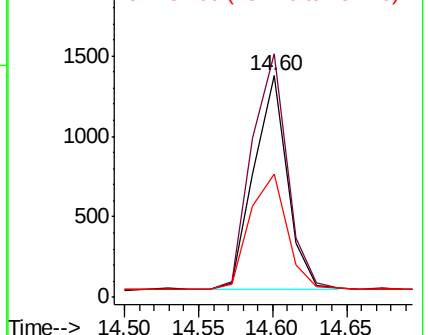
152 61.0 46.2 69.2



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: 0.344 ng

RT: 15.58 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

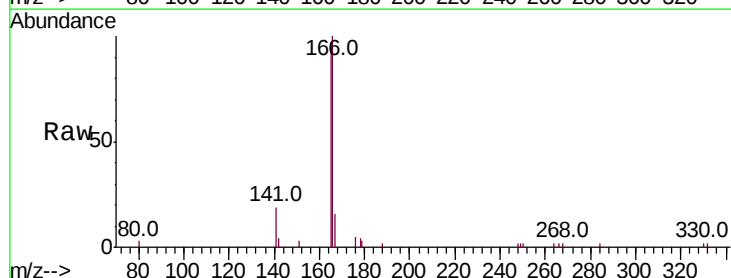
Tgt Ion:166 Resp: 3012

Ion Ratio Lower Upper

166 100

165 100.0 80.1 120.1

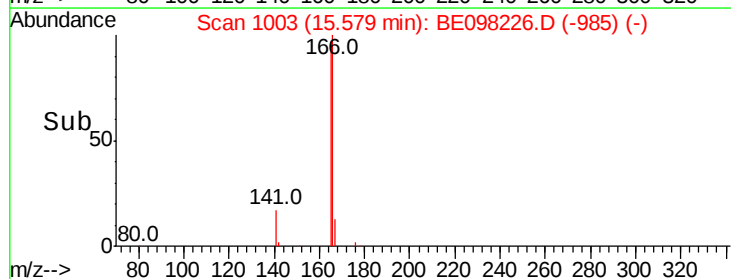
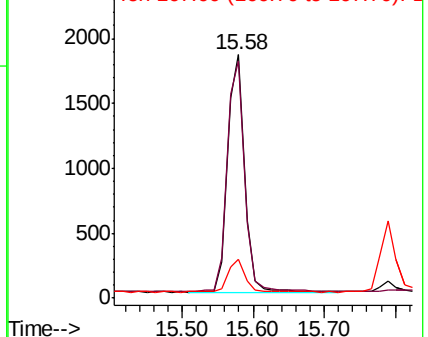
167 13.6 10.8 16.2

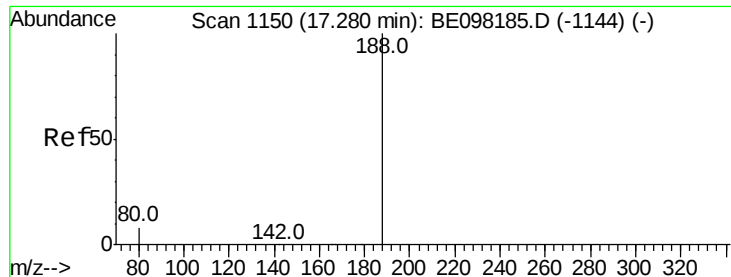


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

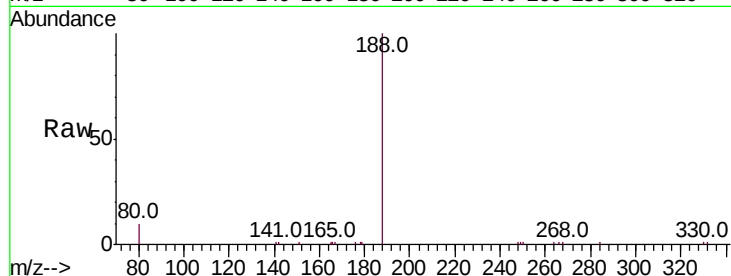
Tot Ion:188 Resp: 7050

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

6000

5000

4000

3000

2000

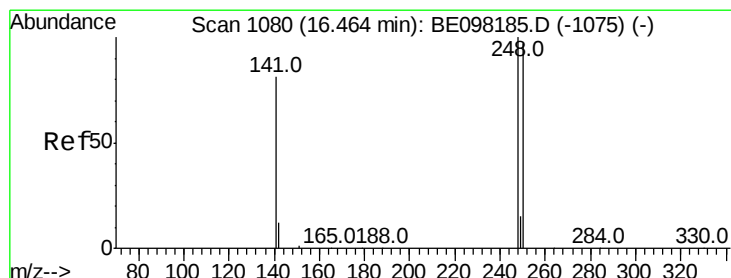
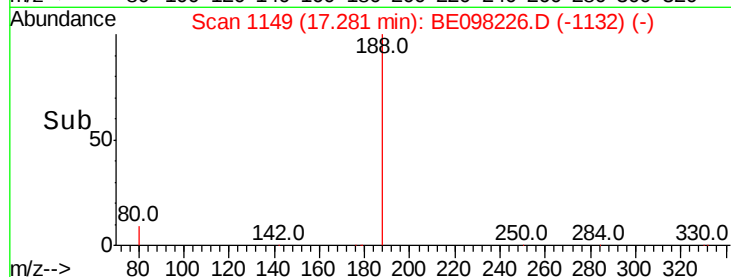
1000

0

17.28

17.20 17.30 17.40

Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.259 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

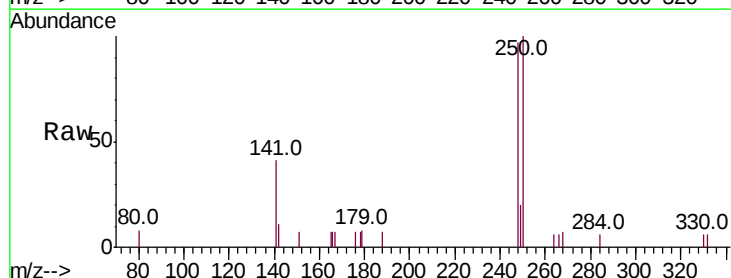
Tgt Ion:248 Resp: 1114

Ion Ratio Lower Upper

248 100

250 103.4 77.6 116.4

141 42.8 65.8 98.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

1000

800

600

400

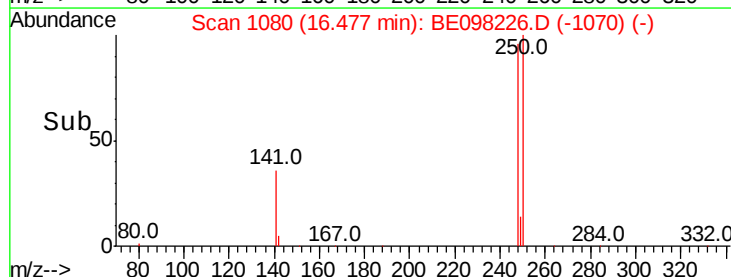
200

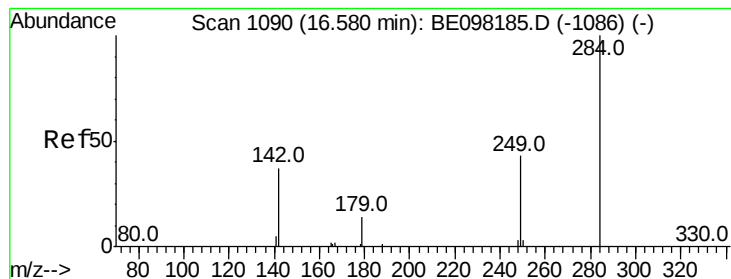
0

16.48

16.40 16.45 16.50 16.55

Time-->





#21

Hexachlorobenzene

Concen: 0.260 ng

RT: 16.59 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

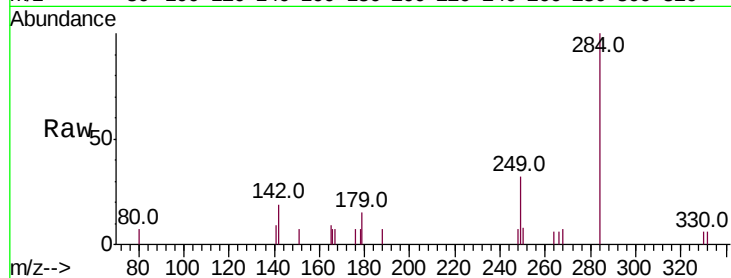
Tot Ion:284 Resp: 1161

Ion Ratio Lower Upper

284 100

142 34.5 26.5 39.7

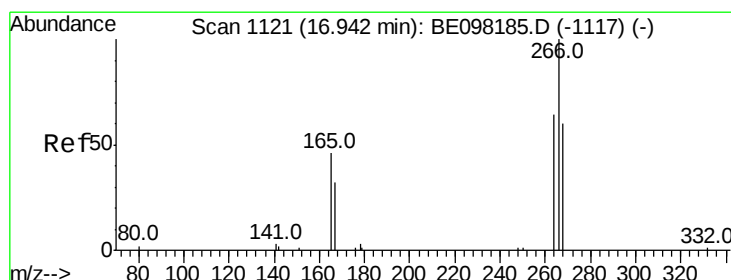
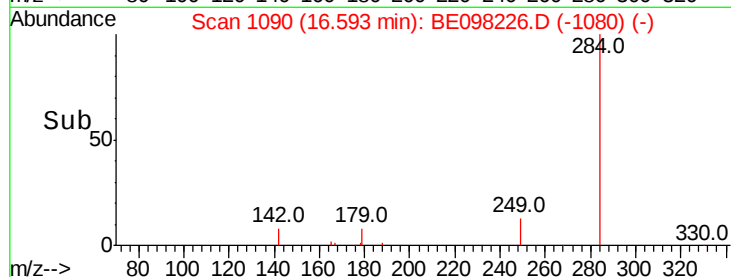
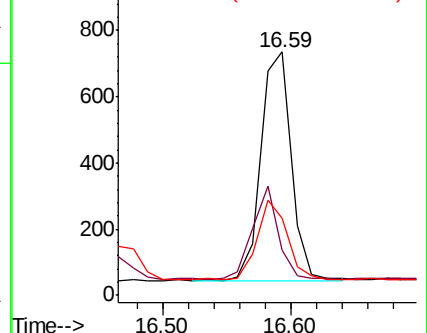
249 34.7 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.484 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

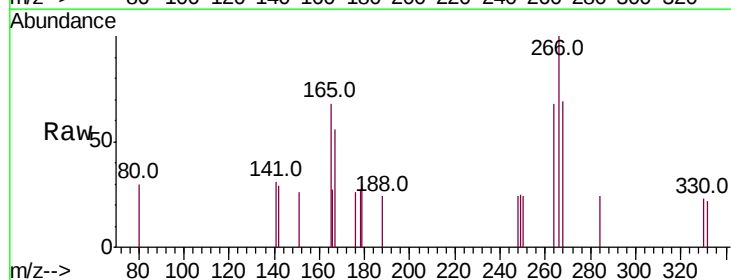
Tgt Ion:266 Resp: 403

Ion Ratio Lower Upper

266 100

264 67.9 57.6 86.4

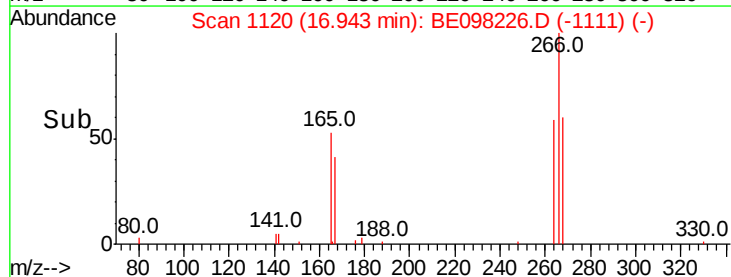
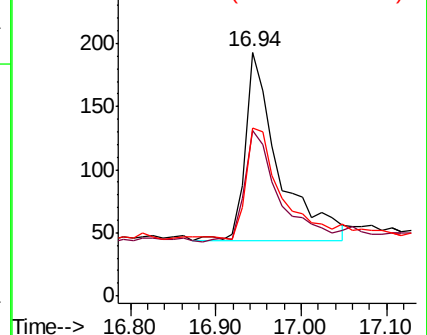
268 68.9 56.8 85.2

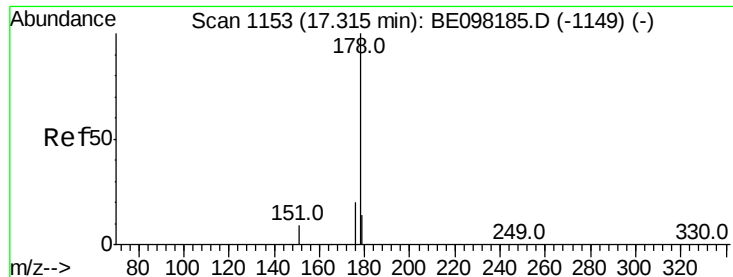


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.319 ng

RT: 17.33 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

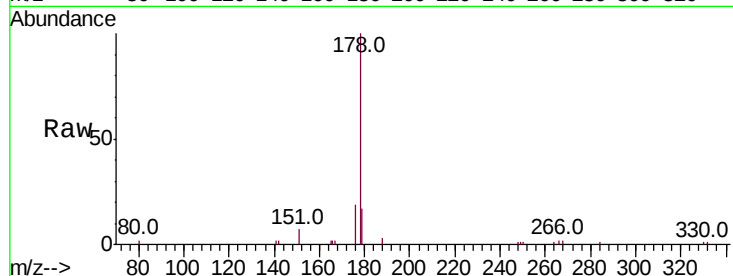
Tot Ion:178 Resp: 5608

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

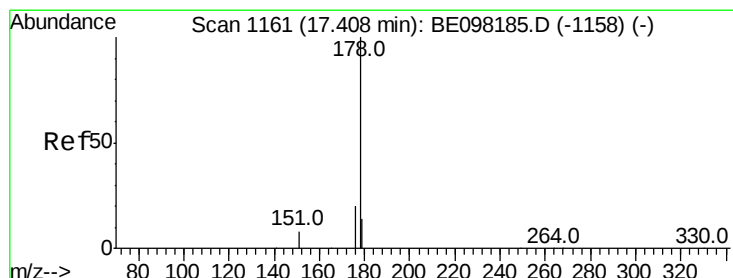
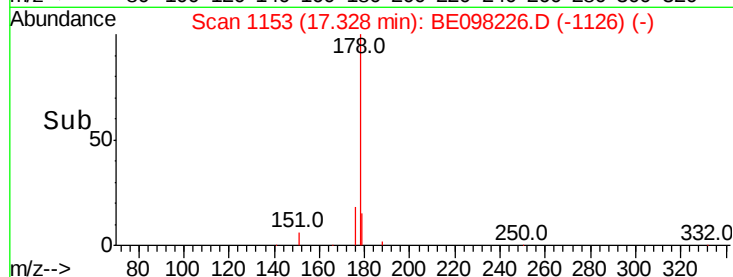
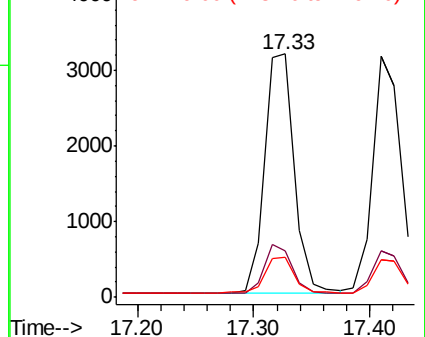
179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.323 ng

RT: 17.41 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

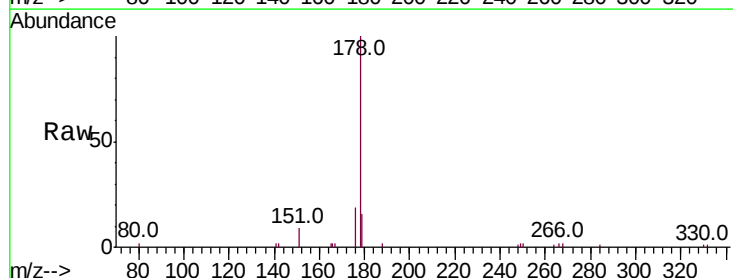
Tgt Ion:178 Resp: 5286

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

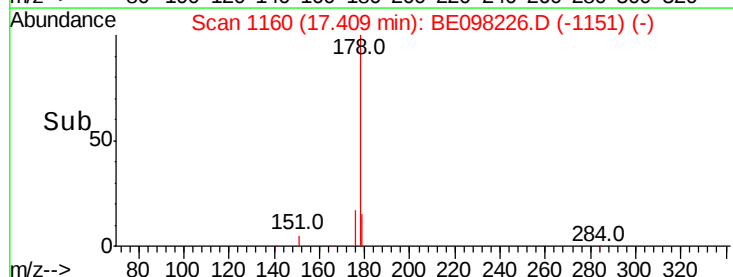
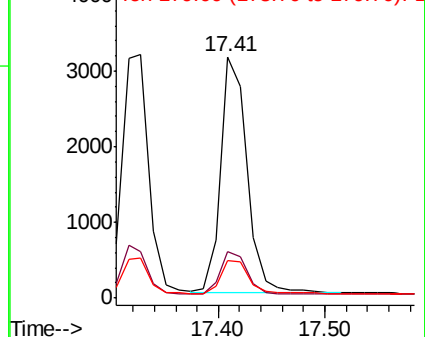
179 14.7 12.1 18.1

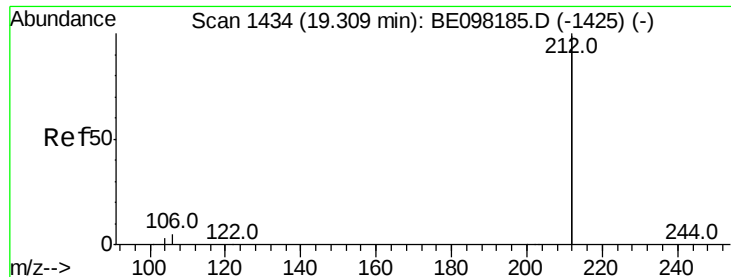


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.324 ng

RT: 19.31 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

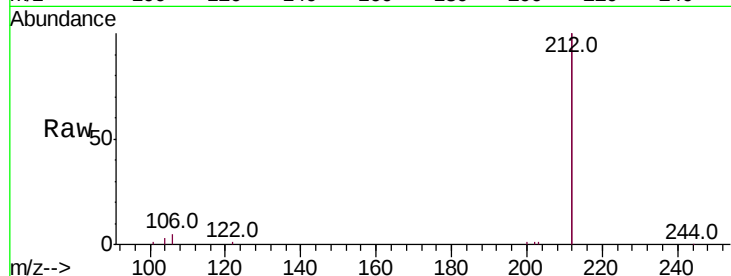
Tot Ion:212 Resp: 28495

Ion Ratio Lower Upper

212 100

106 2.7 1.8 2.8

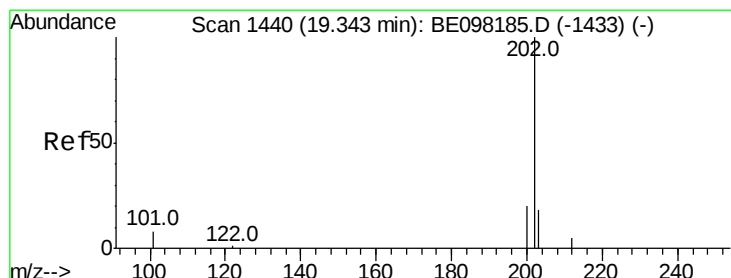
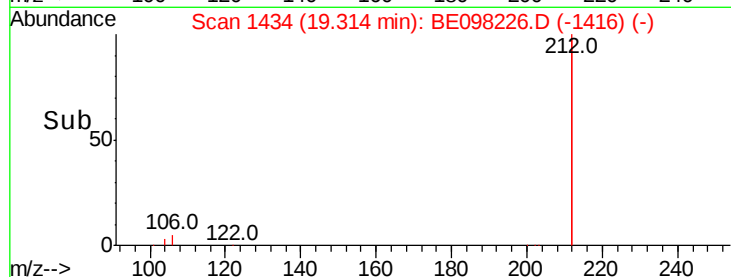
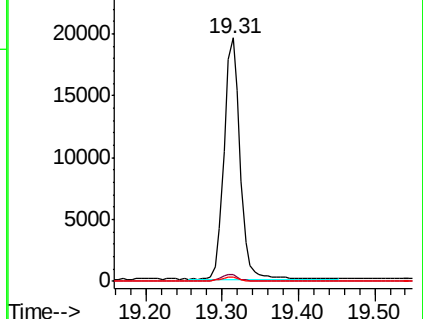
104 1.6 1.1 1.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.338 ng

RT: 19.34 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

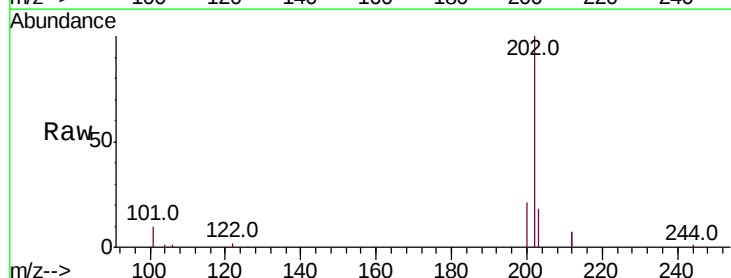
Tgt Ion:202 Resp: 7349

Ion Ratio Lower Upper

202 100

101 9.8 7.0 10.6

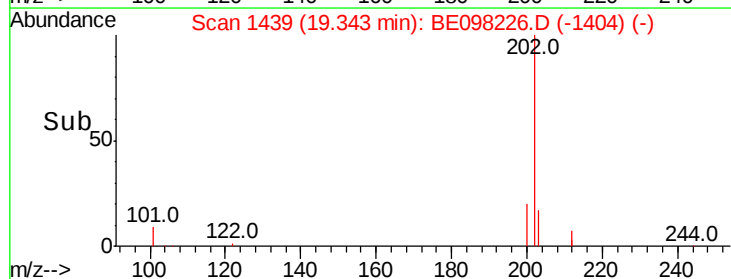
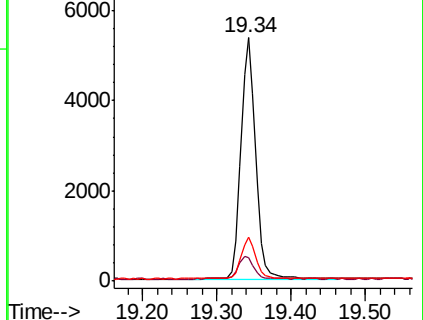
203 16.8 13.7 20.5

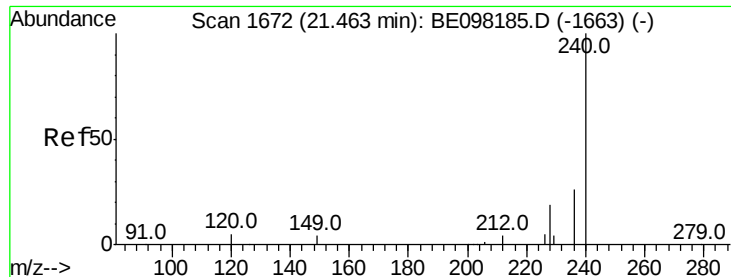


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

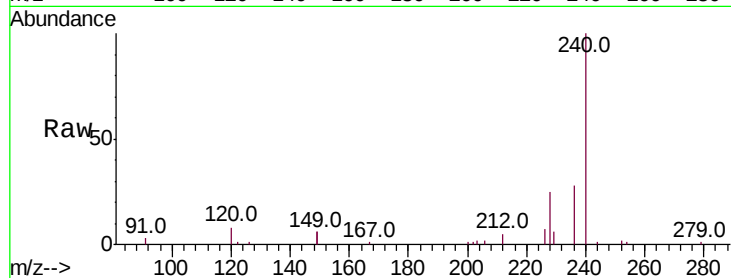
Tot Ion:240 Resp: 8537

Ion Ratio Lower Upper

240 100

120 8.4 4.8 7.2#

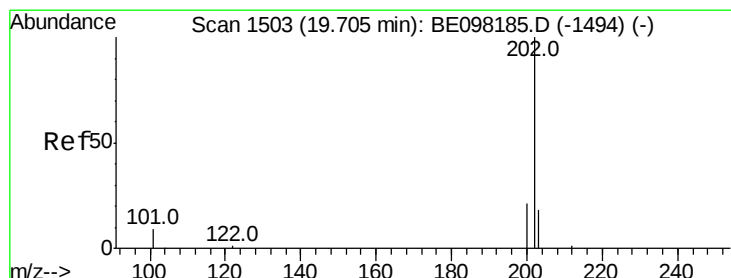
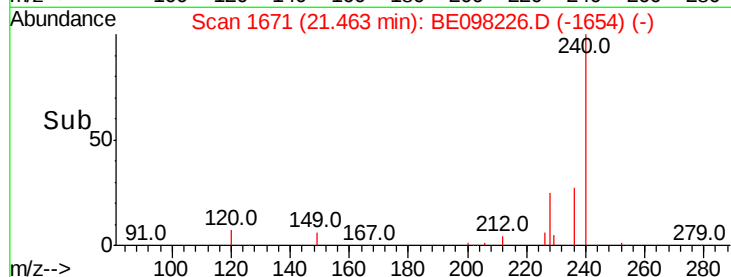
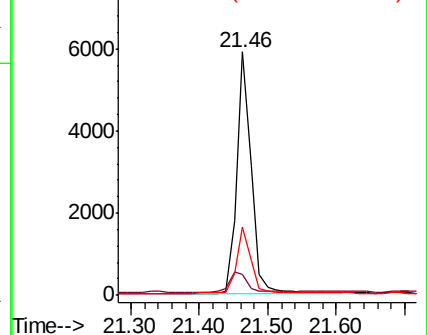
236 27.9 21.4 32.0



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: 0.316 ng

RT: 19.70 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

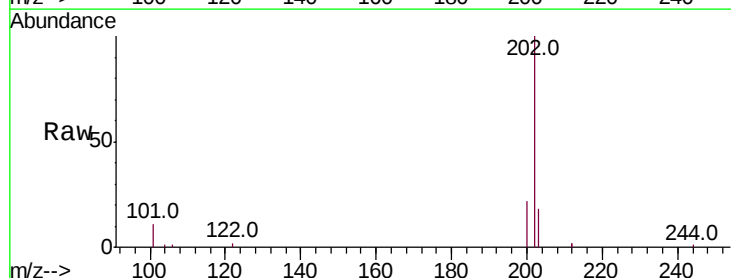
Tgt Ion:202 Resp: 7424

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

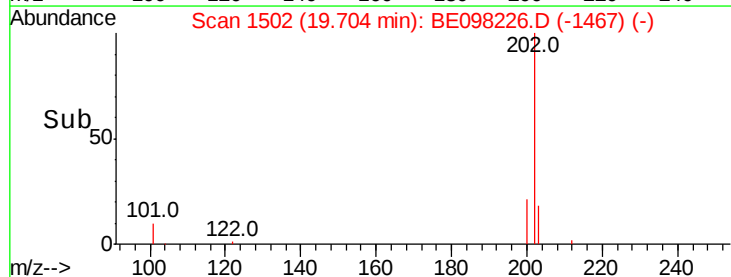
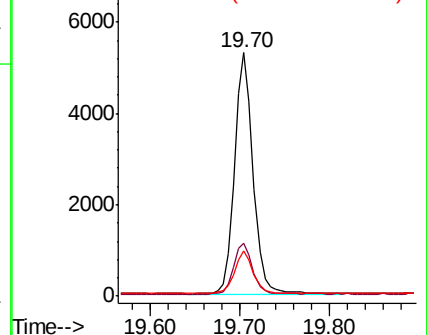
203 18.1 14.2 21.4

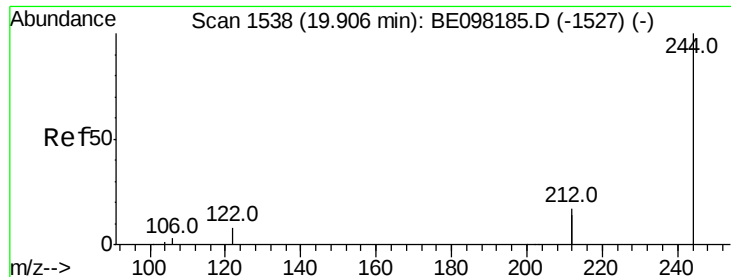


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.376 ng

RT: 19.91 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

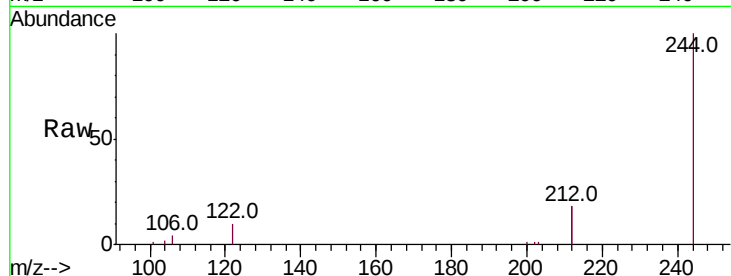
Tot Ion:244 Resp: 7278

Ion Ratio Lower Upper

244 100

212 35.6 26.8 40.2

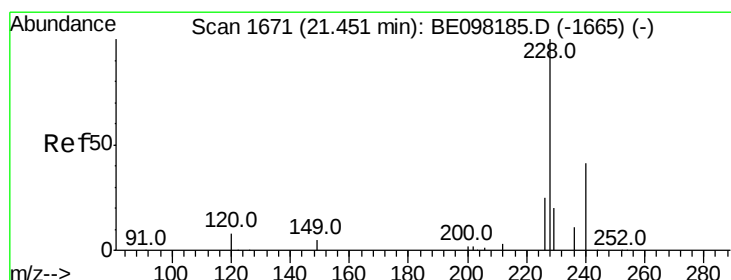
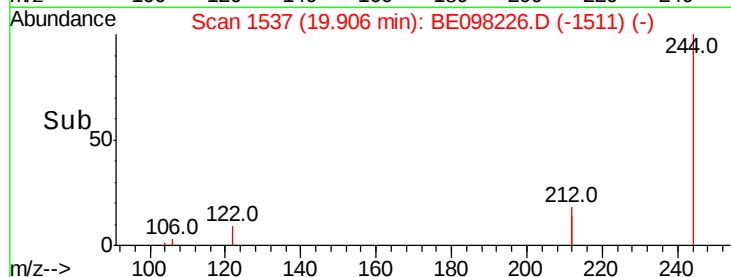
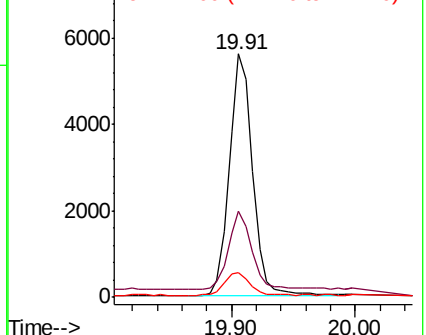
122 10.2 7.0 10.6



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: 0.326 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

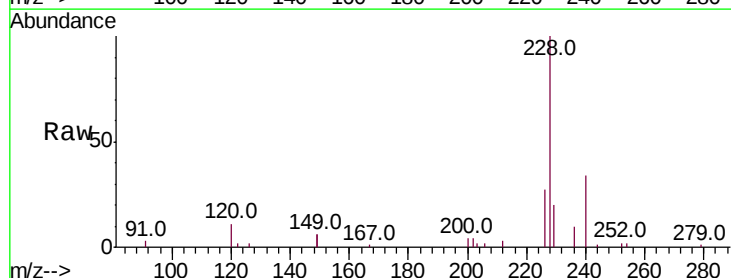
Tgt Ion:228 Resp: 7916

Ion Ratio Lower Upper

228 100

226 27.1 20.7 31.1

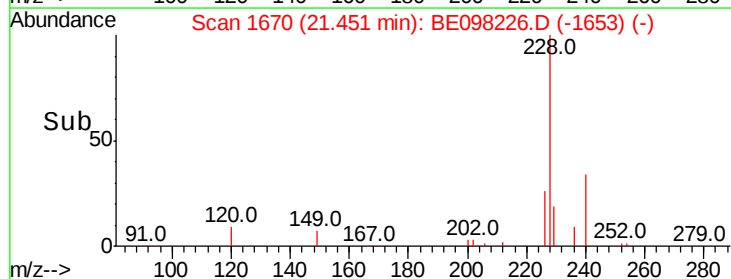
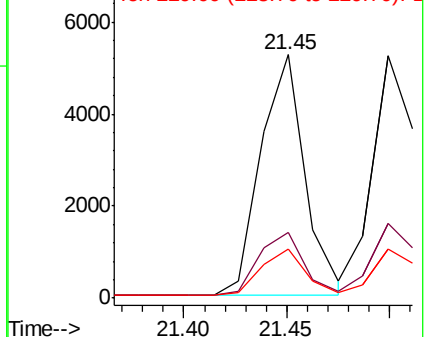
229 20.1 16.2 24.4

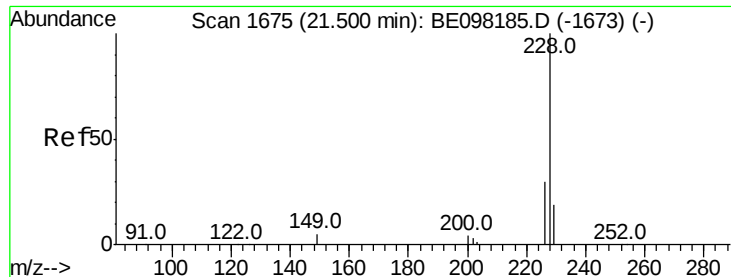


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.321 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

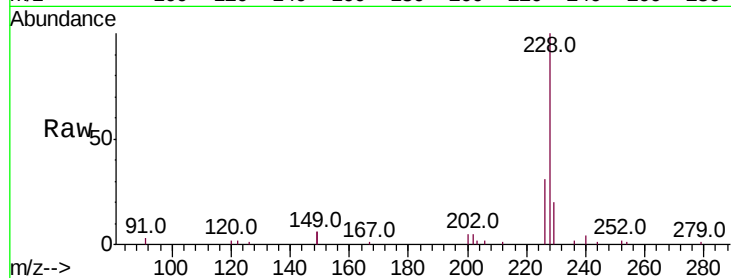
Tot Ion:228 Resp: 7905

Ion Ratio Lower Upper

228 100

226 31.0 24.6 36.8

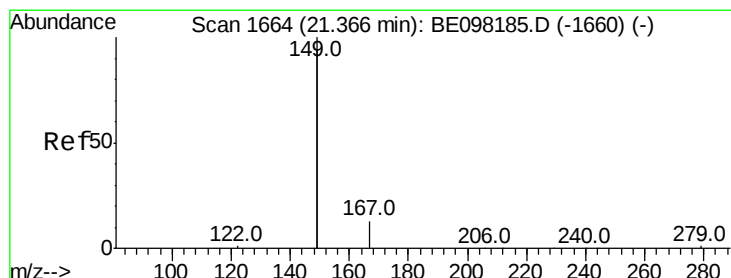
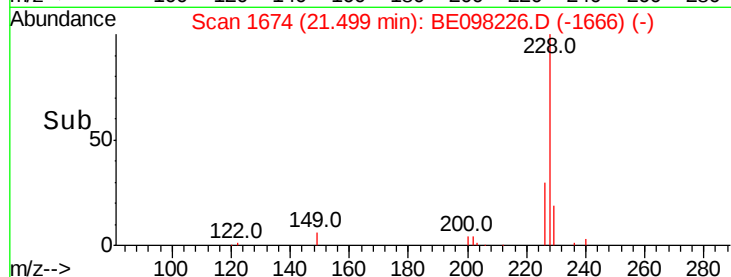
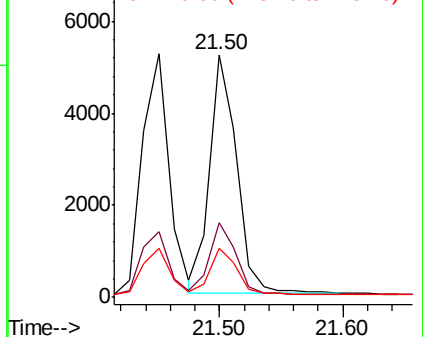
229 20.3 16.0 24.0



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: 0.290 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

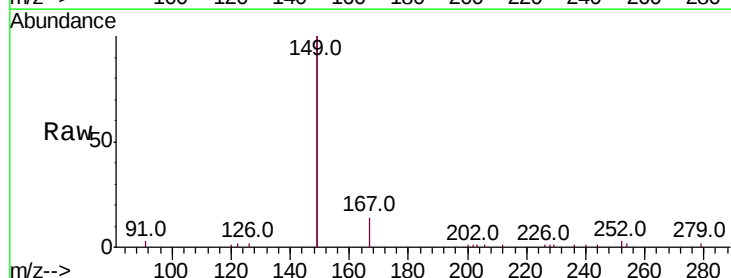
Tgt Ion:149 Resp: 14596

Ion Ratio Lower Upper

149 100

167 7.3 5.6 8.4

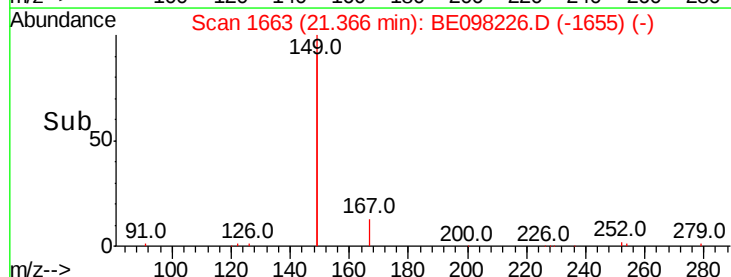
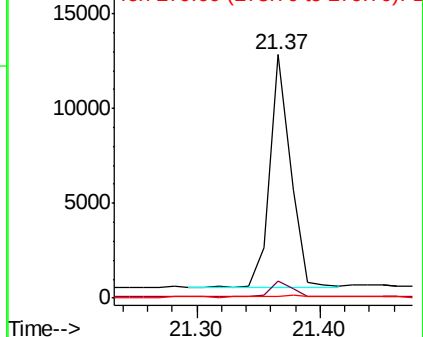
279 1.3 0.9 1.3

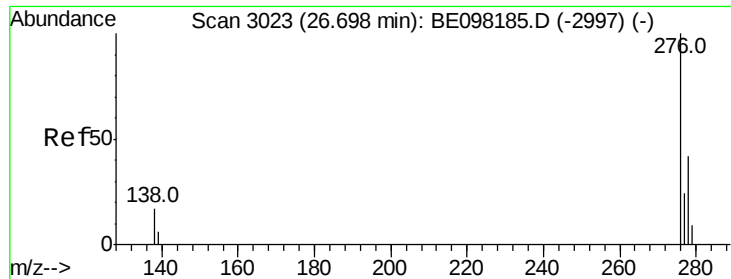


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.335 ng

RT: 26.71 min Scan# 3025

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

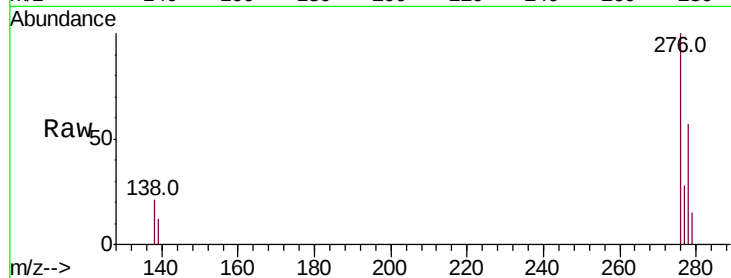
Tot Ion:276 Resp: 7559

Ion Ratio Lower Upper

276 100

138 19.2 6.4 9.6#

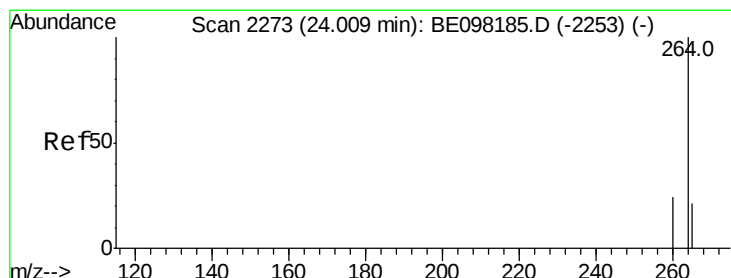
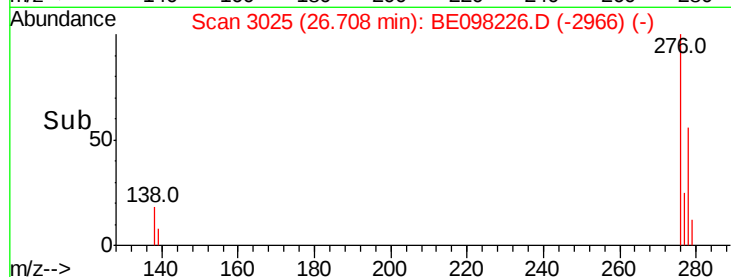
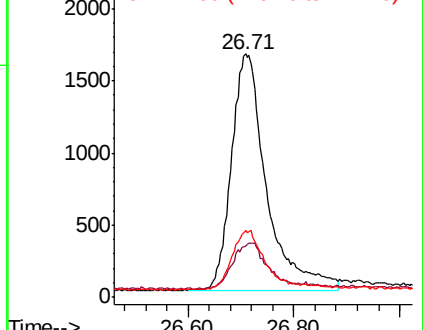
277 23.5 18.9 28.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

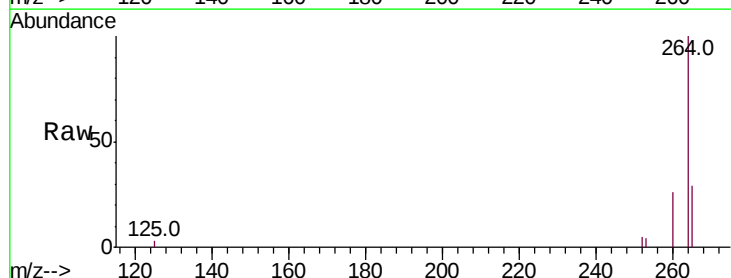
Tgt Ion:264 Resp: 8041

Ion Ratio Lower Upper

264 100

260 26.1 19.9 29.9

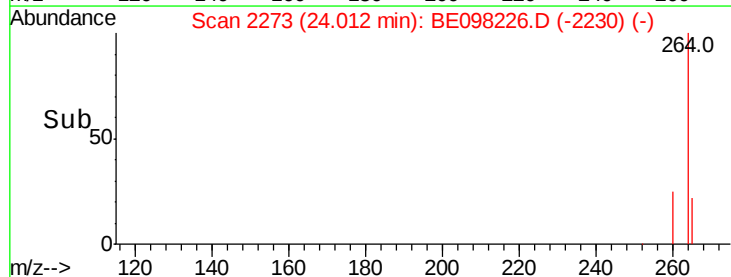
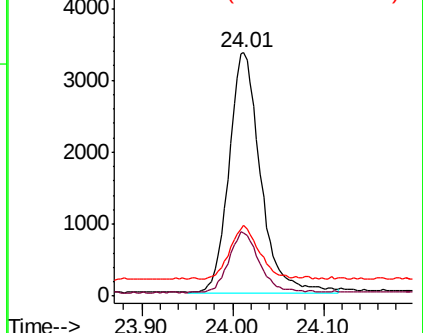
265 28.8 21.3 31.9

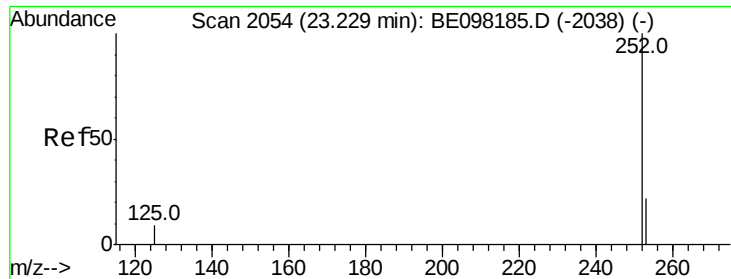


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

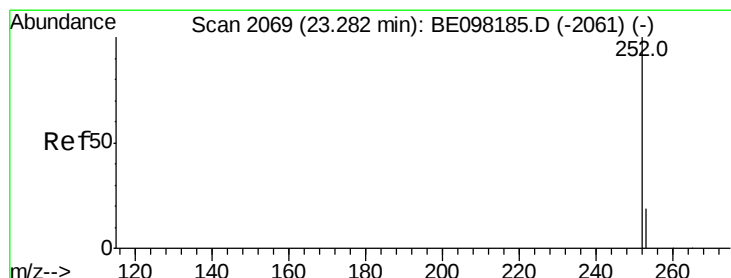
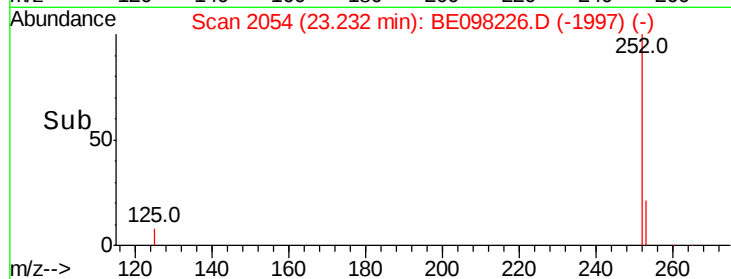
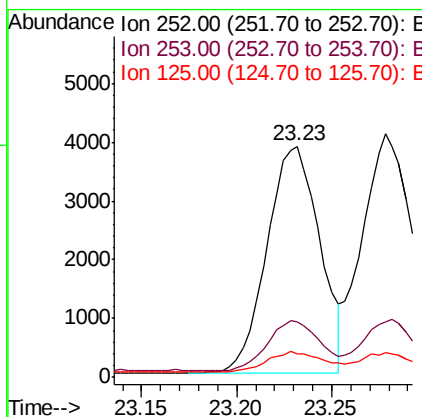
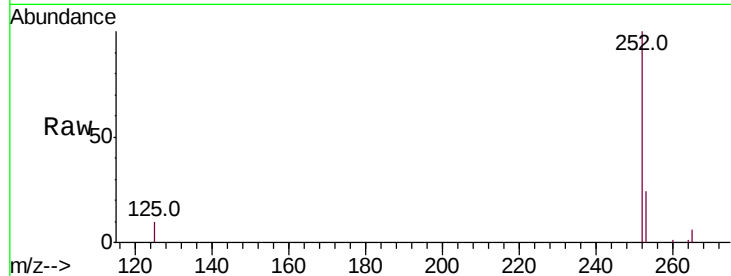




#35
Benzo(b)fluoranthene
Concen: 0.327 ng
RT: 23.23 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BE098226.D
Acq: 14 Nov 2018 17:14

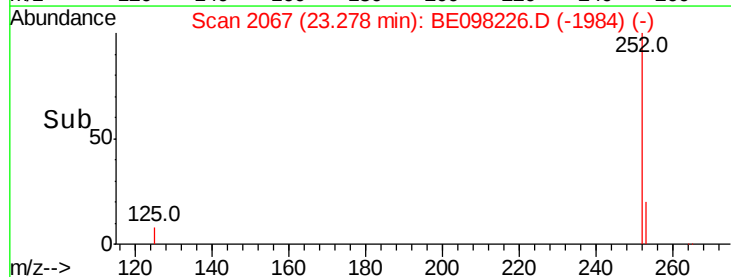
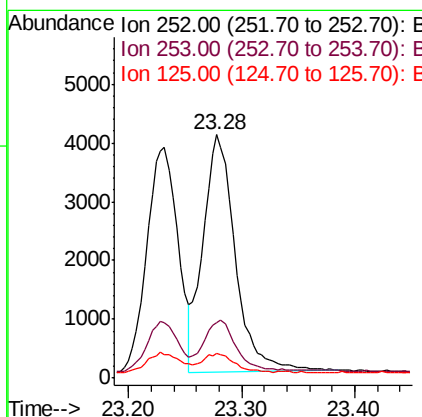
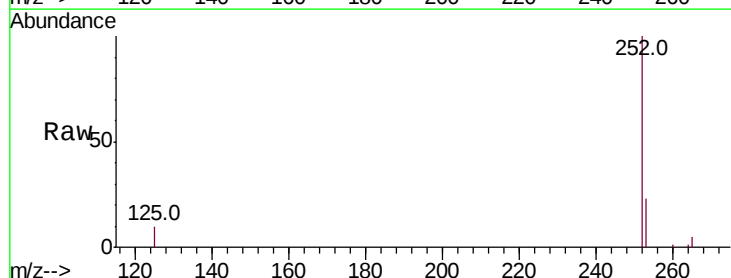
Instrument :
BNA_E
ClientSampleId :
BS-TEST

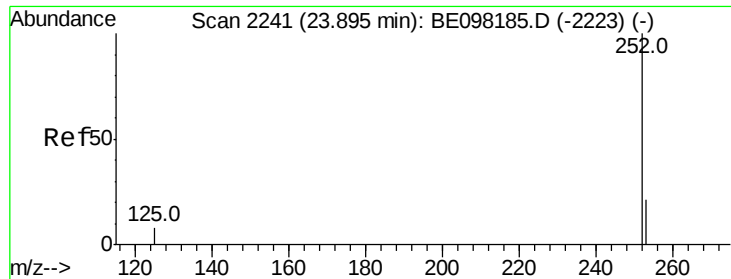
Tot Ion:252 Resp: 7449
Ion Ratio Lower Upper
252 100
253 23.7 19.4 29.0
125 10.0 8.6 12.8



#36
Benzo(k)fluoranthene
Concen: 0.333 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098226.D
Acq: 14 Nov 2018 17:14

Tgt Ion:252 Resp: 8023
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 10.3 7.4 11.0





#37

Benzo(a)pyrene

Concen: 0.323 ng

RT: 23.90 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

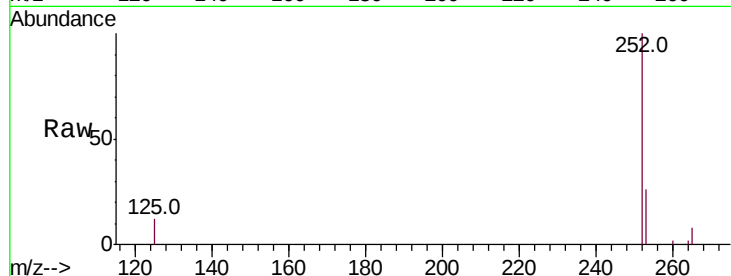
Tot Ion:252 Resp: 7075

Ion Ratio Lower Upper

252 100

253 25.6 18.6 27.8

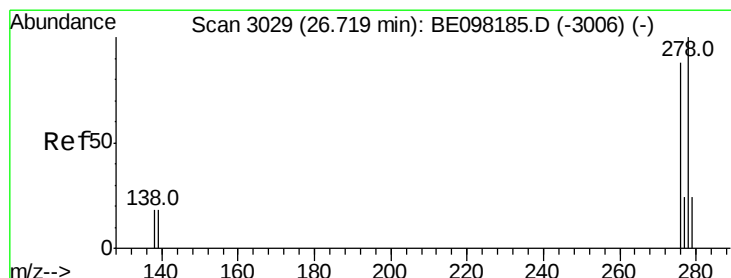
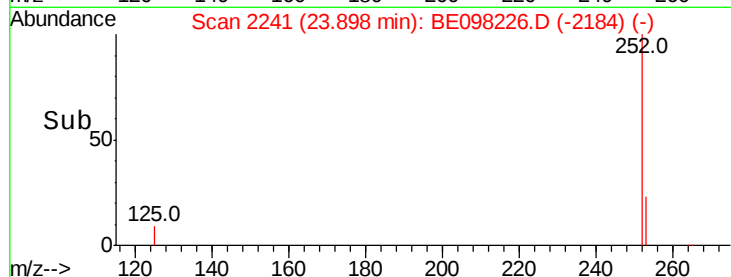
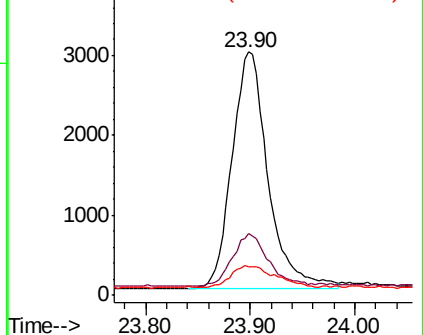
125 11.8 8.0 12.0



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: 0.323 ng

RT: 26.73 min Scan# 3031

Delta R.T. 0.01 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

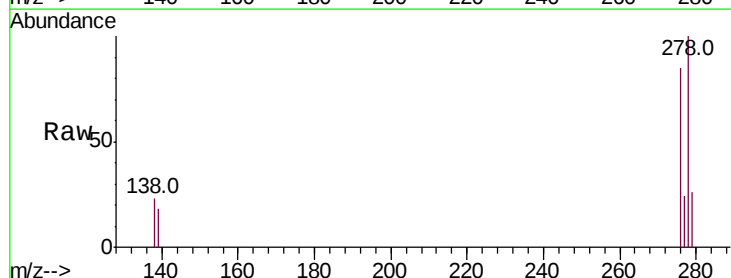
Tgt Ion:278 Resp: 6025

Ion Ratio Lower Upper

278 100

139 18.1 16.4 24.6

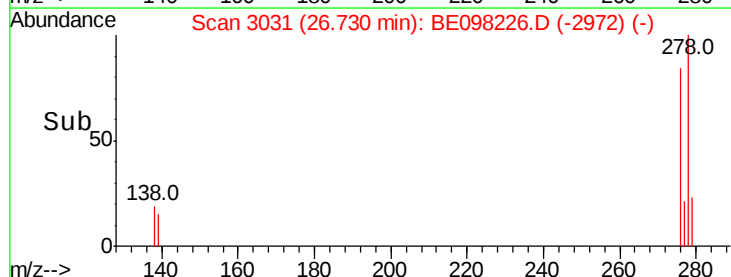
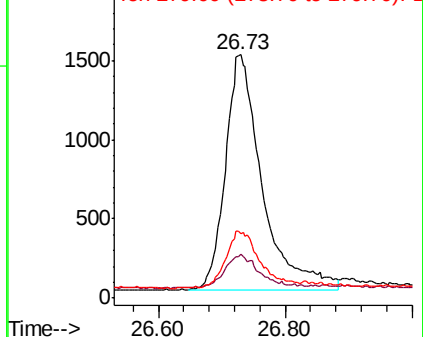
279 26.5 21.3 31.9

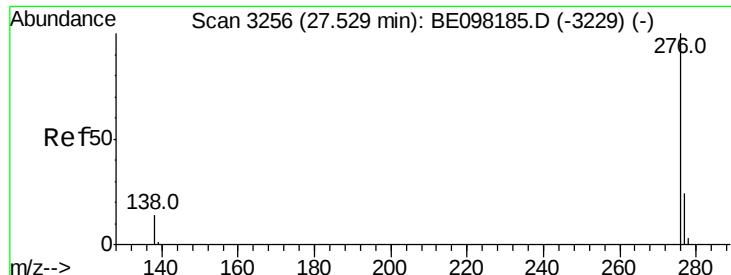


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.335 ng

RT: 27.53 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BE098226.D

Acq: 14 Nov 2018 17:14

Instrument :

BNA_E

ClientSampleId :

BS-TEST

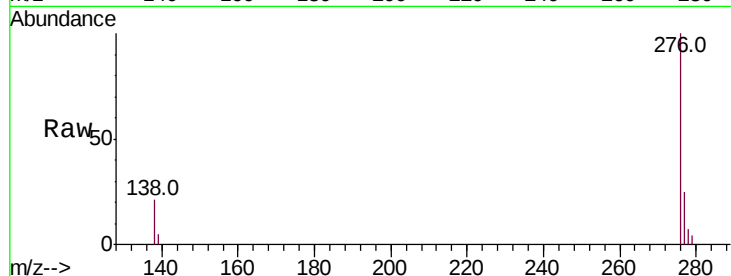
Tot Ion:276 Resp: 6514

Ion Ratio Lower Upper

276 100

277 24.9 20.4 30.6

138 20.7 13.2 19.8#



Abundance Ion 276.00 (275.70 to 276.70): E

2000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

