

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100068.D
 Acq On : 17 Jun 2019 16:34
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 17 17:11:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 16:08:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	631	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2264	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	1706	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5389	0.40	ng	0.01
27) Chrysene-d12	21.40	240	8426	0.40	ng	0.01
34) Perylene-d12	23.93	264	8755	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	329	0.19	ng	0.01
5) Phenol-d6	7.00	99	362	0.18	ng	0.03
8) Nitrobenzene-d5	8.99	82	395	0.18	ng	0.03
11) 2-Methylnaphthalene-d10	12.22	152	832	0.20	ng	0.01
14) 2,4,6-Tribromophenol	15.98	330	188	0.18	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	1337	0.20	ng	0.03
25) Fluoranthene-d10	19.25	212	14542	0.19	ng	0.01
29) Terphenyl-d14	19.86	244	2789	0.20	ng	0.02

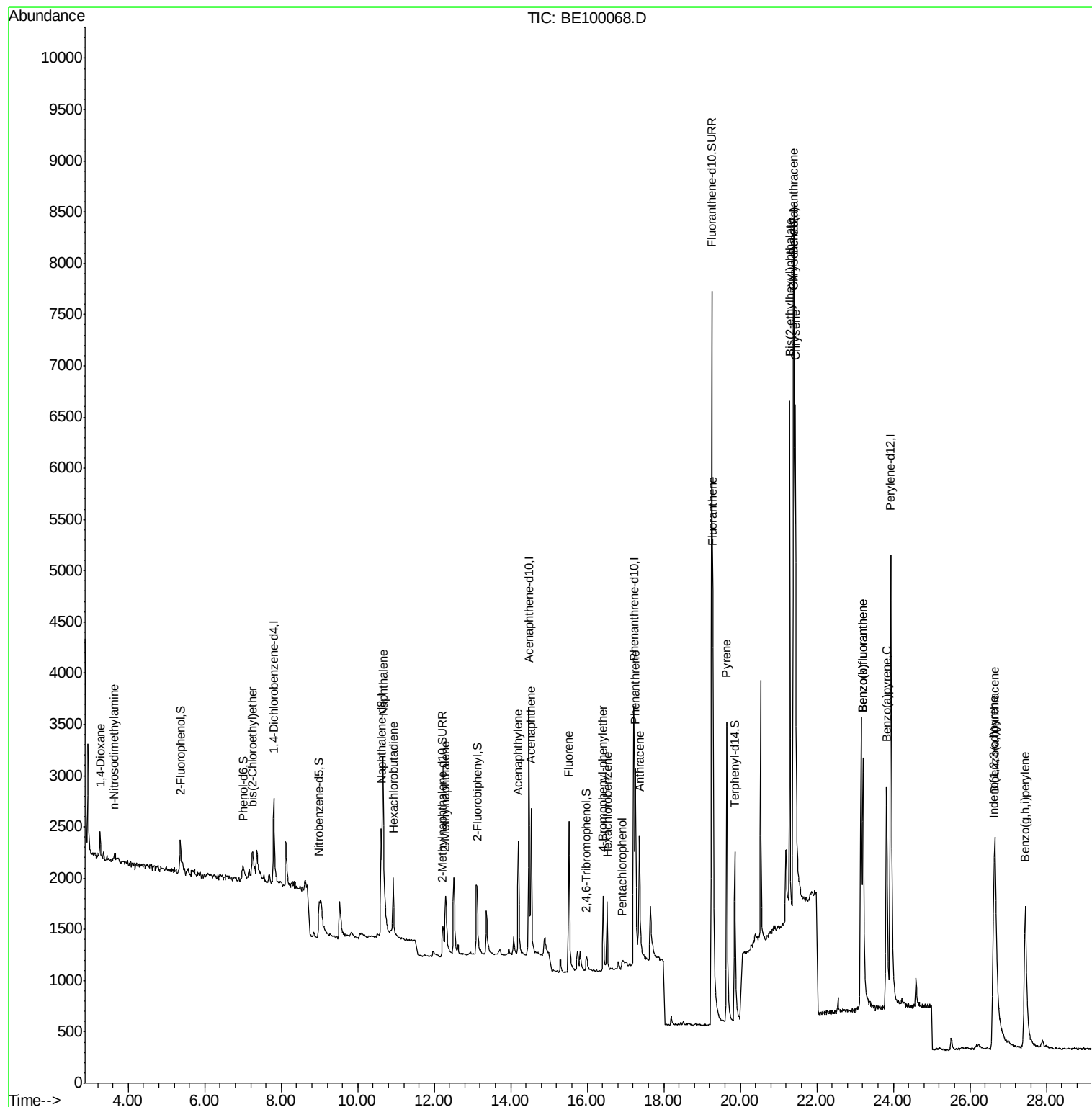
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	265	0.241	ng	94
3) n-Nitrosodimethylamine	3.63	42	111	0.244	ng	# 100
6) bis(2-Chloroethyl)ether	7.25	93	361	0.187	ng	# 92
9) Naphthalene	10.67	128	4742	0.189	ng	# 95
10) Hexachlorobutadiene	10.93	225	424	0.197	ng	95
12) 2-Methylnaphthalene	12.30	142	730	0.186	ng	96
16) Acenaphthylene	14.20	152	1660	0.194	ng	98
17) Acenaphthene	14.53	154	891	0.193	ng	99
18) Fluorene	15.51	166	1332	0.193	ng	98
20) 4-Bromophenyl-phenylether	16.41	248	641	0.198	ng	91
21) Hexachlorobenzene	16.52	284	662	0.199	ng	98
22) Pentachlorophenol	16.92	266	145	0.139	ng	93
23) Phenanthrene	17.25	178	2459	0.187	ng	98
24) Anthracene	17.36	178	1967	0.170	ng	97
26) Fluoranthene	19.28	202	4082	0.189	ng	100
28) Pyrene	19.64	202	4162	0.199	ng	99
30) Benzo(a)anthracene	21.39	228	4293	0.177	ng	100
31) Chrysene	21.44	228	5270	0.193	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	5470	0.162	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.63	276	5511	0.170	ng	# 94
35) Benzo(b)fluoranthene	23.21	252	5168	0.205	ng	97
36) Benzo(k)fluoranthene	23.21	252	5394	0.197	ng	# 95
37) Benzo(a)pyrene	23.82	252	4867	0.194	ng	# 88
38) Dibenzo(a,h)anthracene	26.66	278	4264	0.175	ng	# 91
39) Benzo(g,h,i)perylene	27.45	276	4811	0.186	ng	# 94

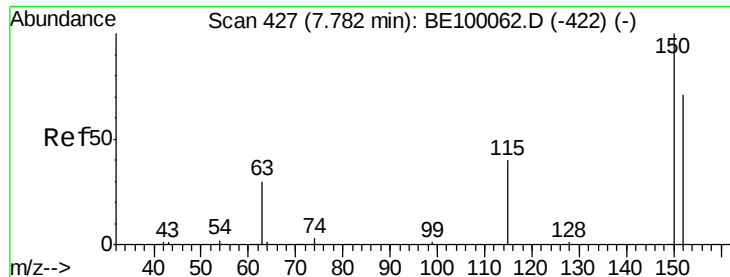
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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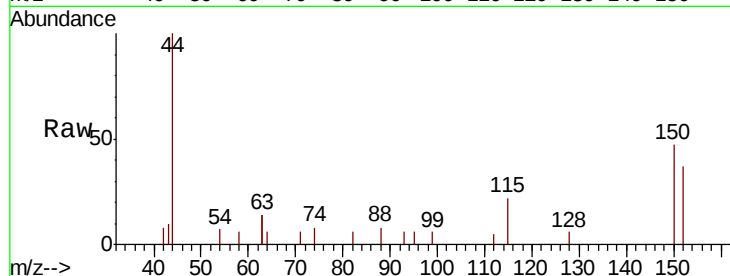


#1

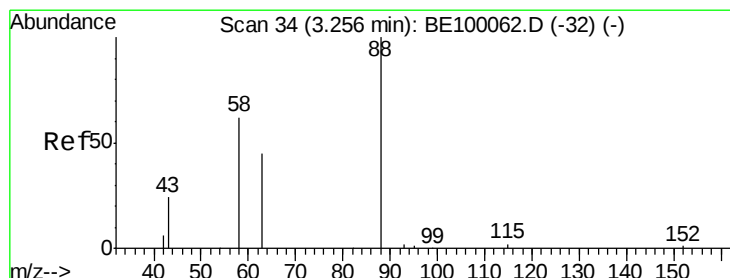
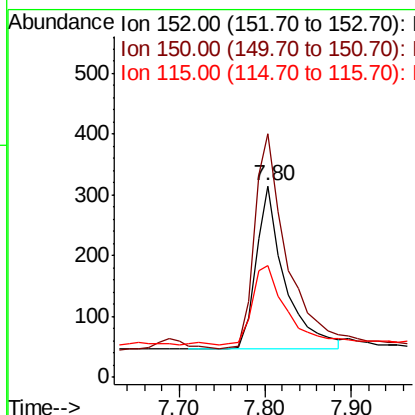
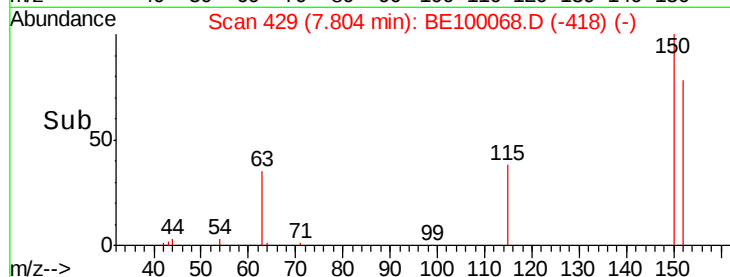
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 631
Ion Ratio Lower Upper
152 100
150 127.3 109.5 164.3
115 58.7 52.6 78.8



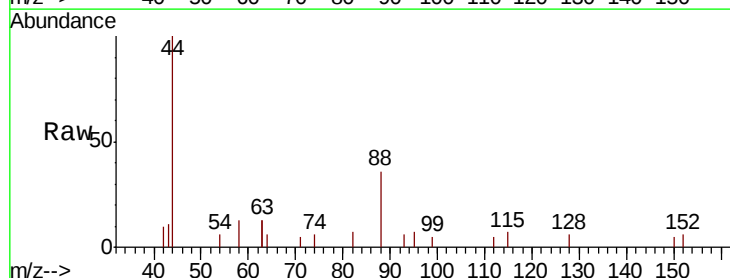
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



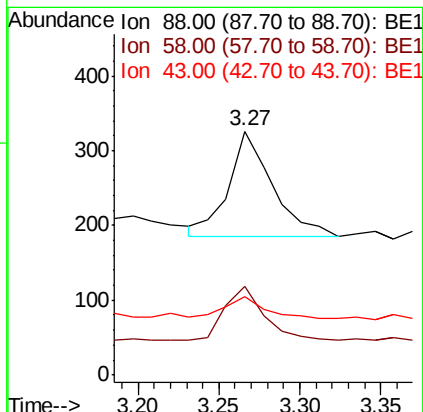
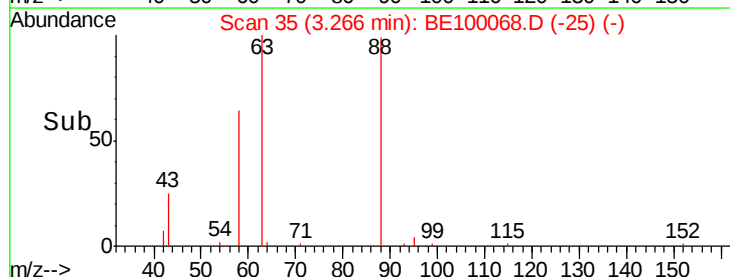
#2

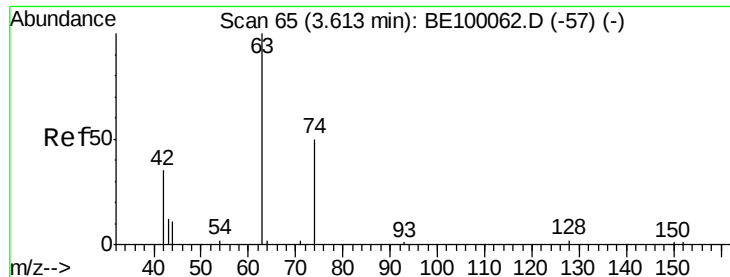
1,4-Dioxane
Concen: 0.241 ng
RT: 3.27 min Scan# 35
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion: 88 Resp: 265
Ion Ratio Lower Upper
88 100
58 47.2 41.9 62.9
43 18.9 15.8 23.8



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1



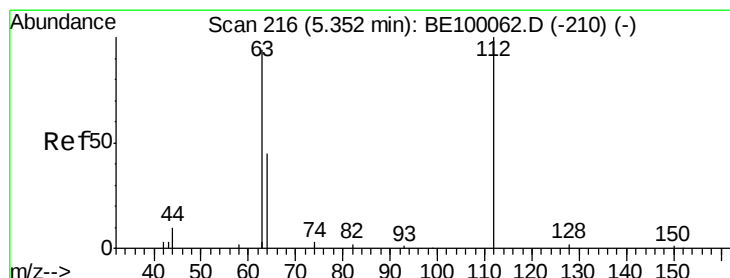
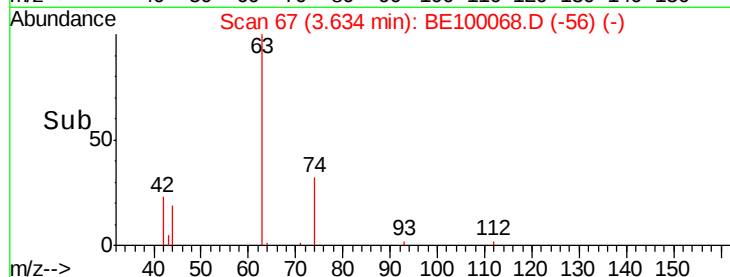
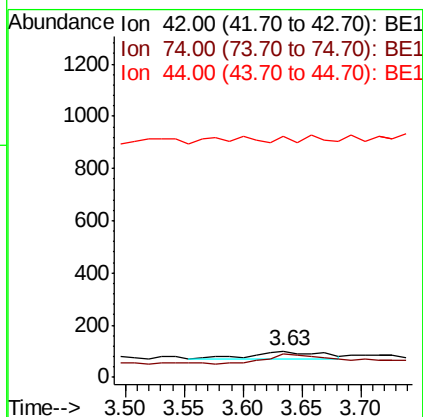
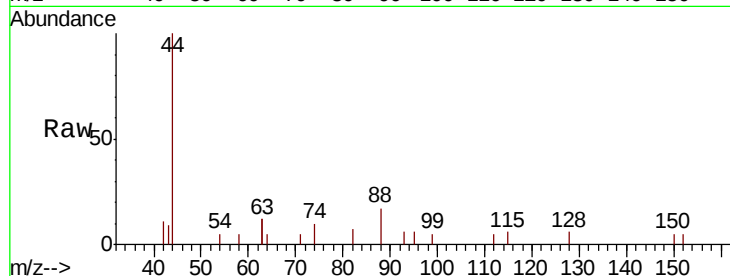


#3

n-Nitrosodimethylamine
 Concen: 0.244 ng
 RT: 3.63 min Scan# 67
 Delta R.T. 0.02 min
 Lab File: BE100068.D
 Acq: 17 Jun 2019 16:34

Instrument :
 BNA_G
 ClientSampleId :

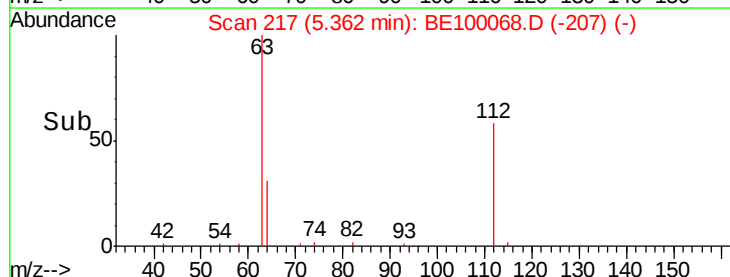
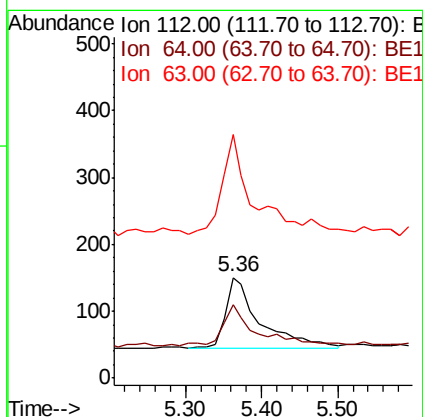
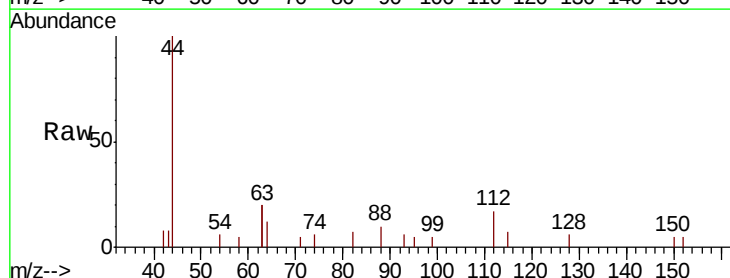
Tot Ion	Ratio	Lower	Upper
42	100		
74	103.6	0.0	0.0#
44	18.0	0.0	0.0#

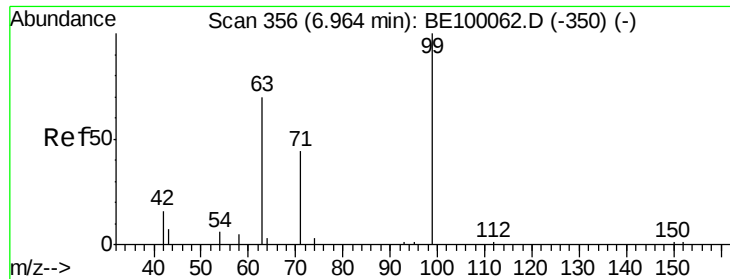


#4

2-Fluorophenol
 Concen: 0.193 ng
 RT: 5.36 min Scan# 217
 Delta R.T. 0.01 min
 Lab File: BE100068.D
 Acq: 17 Jun 2019 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	39.6	59.4
63	133.7	113.0	169.4





#5

Phenol-d6

Concen: 0.176 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

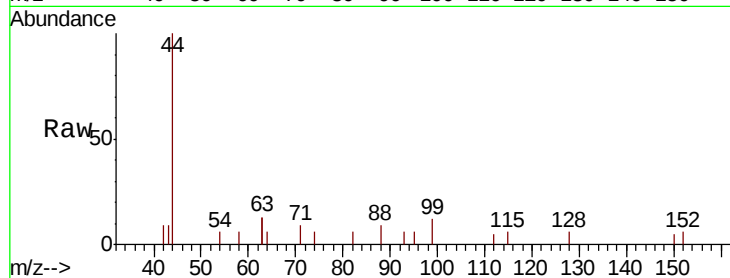
Tot Ion: 99 Resp: 362

Ion Ratio Lower Upper

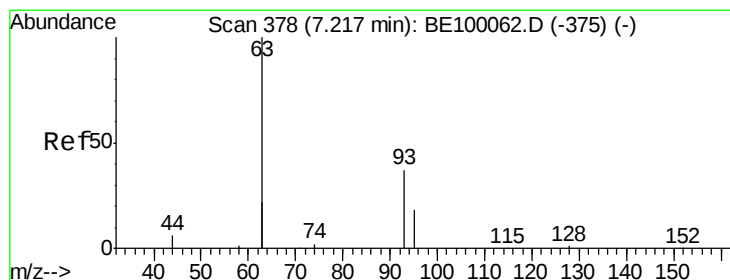
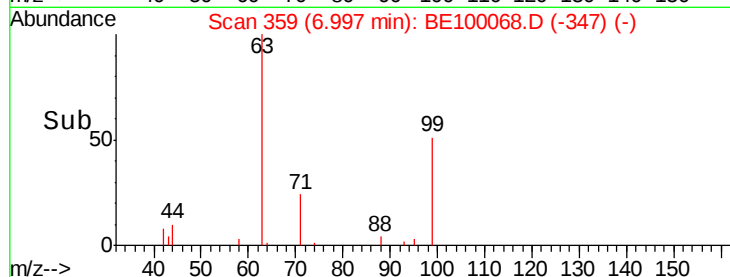
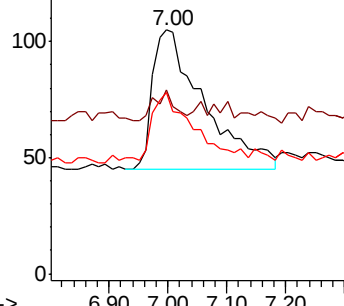
99 100

42 8.3 11.4 17.2#

71 33.4 32.8 49.2



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.187 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.03 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

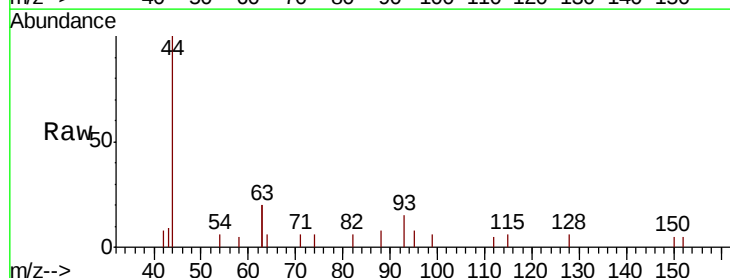
Tgt Ion: 93 Resp: 361

Ion Ratio Lower Upper

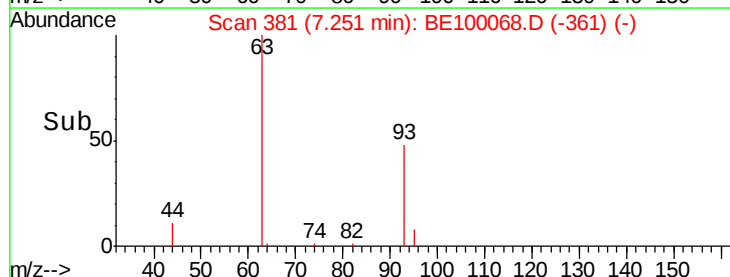
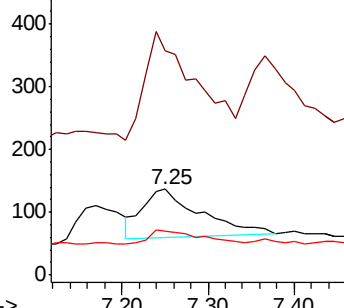
93 100

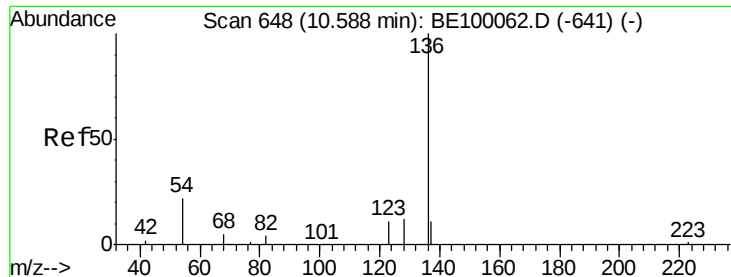
63 197.5 165.0 247.6

95 23.0 27.0 40.6#



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 2264

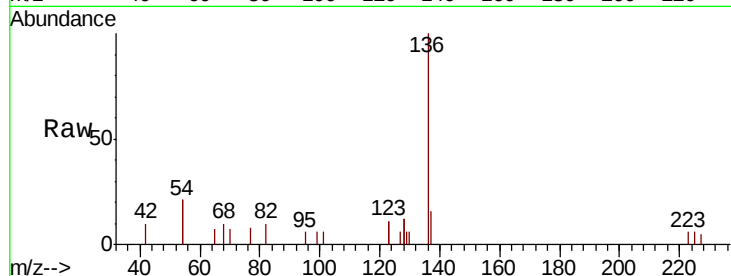
Ion Ratio Lower Upper

136 100

137 15.9 12.6 19.0

54 41.3 33.0 49.6

68 10.3 8.6 12.8

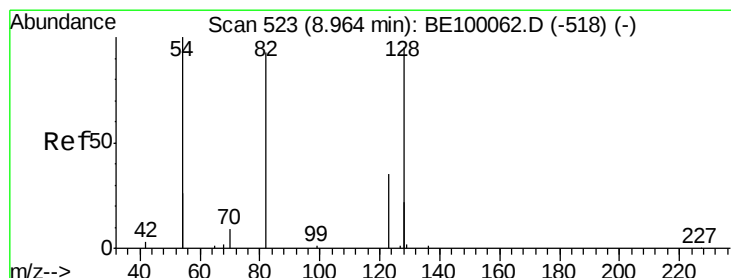
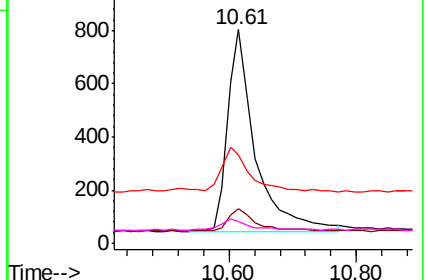
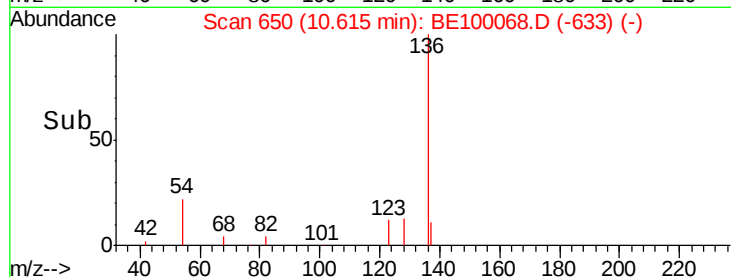


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.176 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

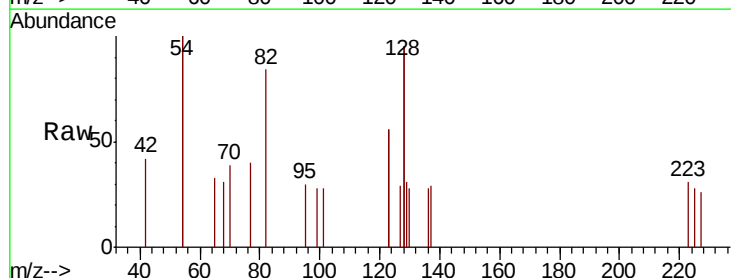
Tgt Ion: 82 Resp: 395

Ion Ratio Lower Upper

82 100

128 226.3 134.6 201.8#

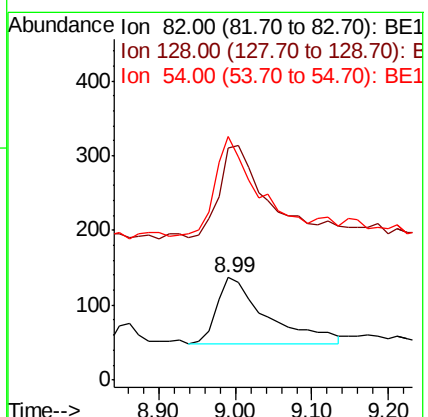
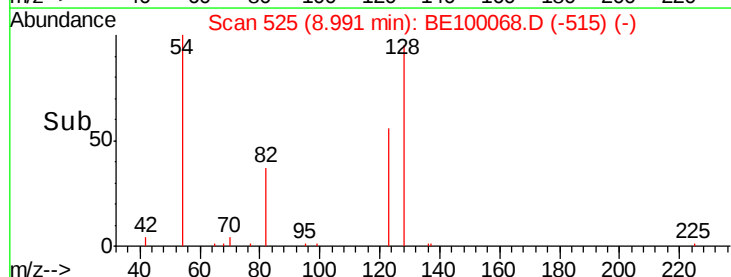
54 238.0 141.6 212.4#

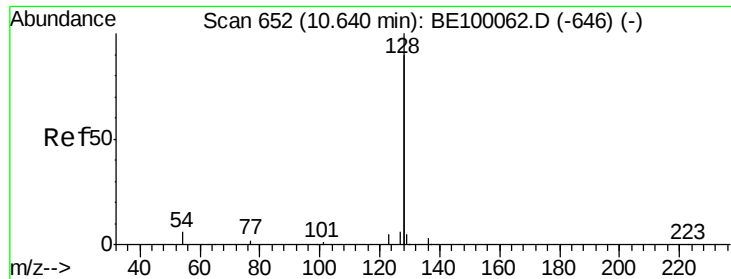


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.189 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.03 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

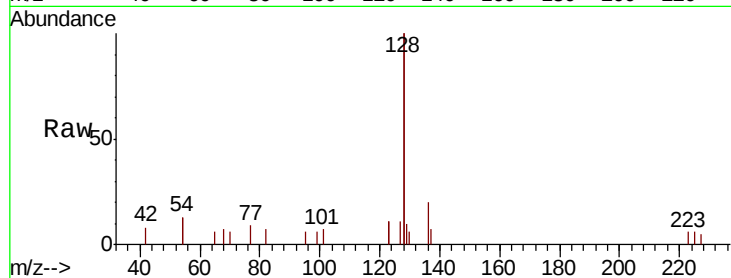
Tot Ion:128 Resp: 4742

Ion Ratio Lower Upper

128 100

129 5.2 3.0 4.4#

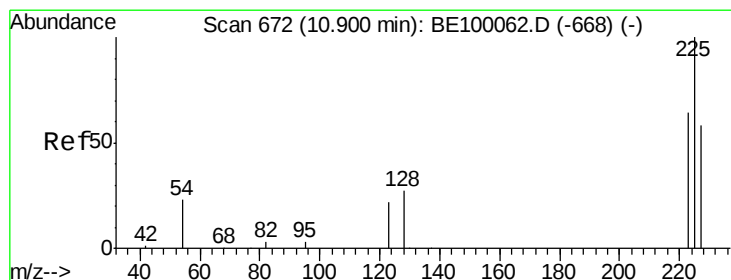
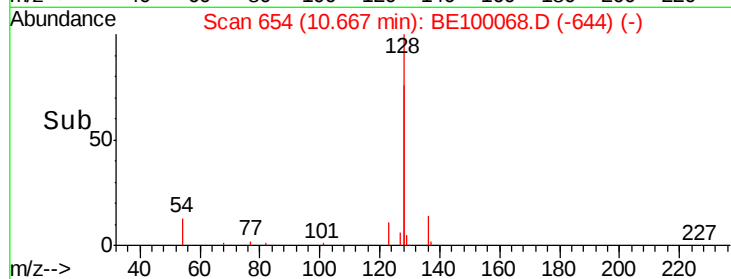
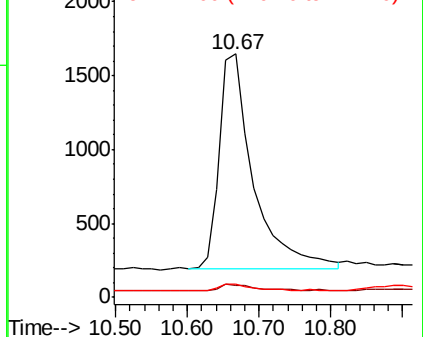
127 5.7 3.4 5.0#



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: 0.197 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.03 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

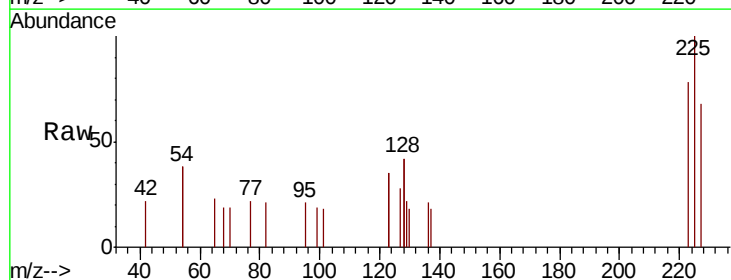
Tgt Ion:225 Resp: 424

Ion Ratio Lower Upper

225 100

223 68.4 50.3 75.5

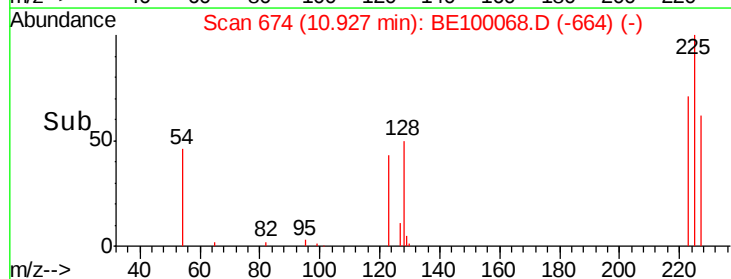
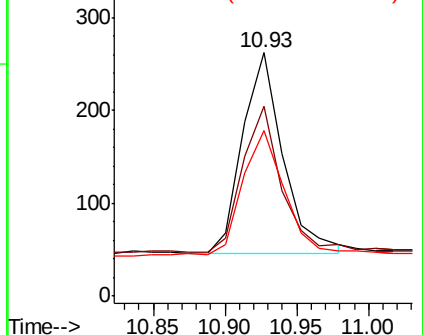
227 62.7 51.4 77.2

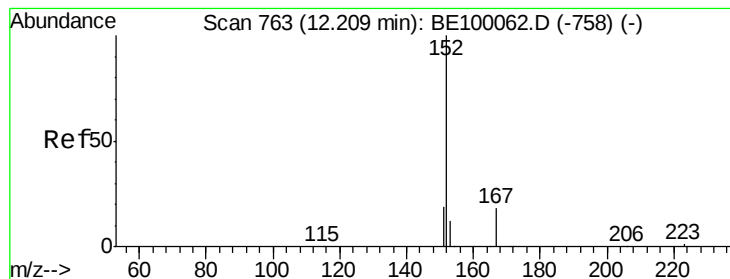


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.203 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

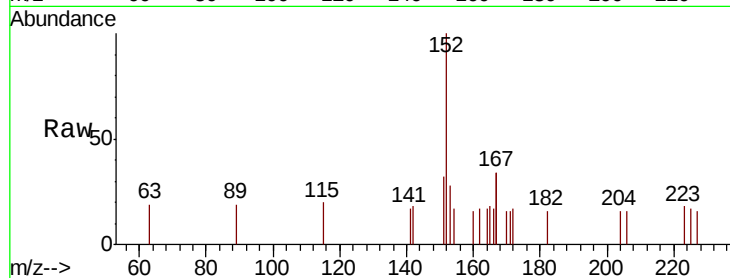
ClientSampleId :

Tot Ion:152 Resp: 832

Ion Ratio Lower Upper

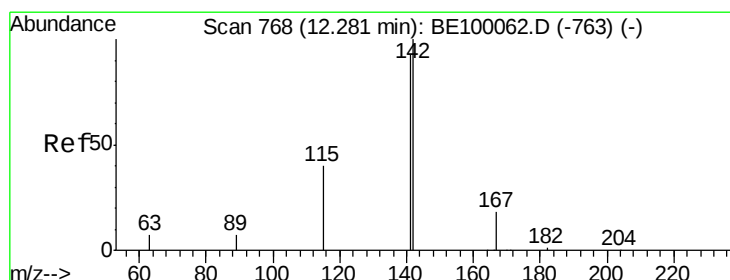
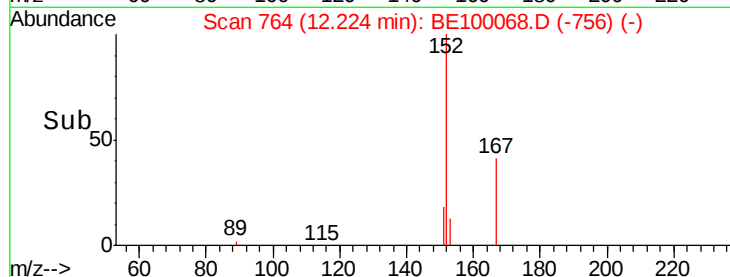
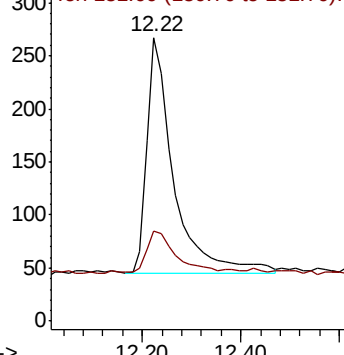
152 100

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: 0.186 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

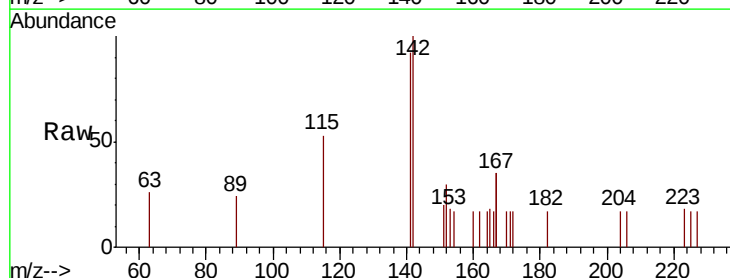
Tgt Ion:142 Resp: 730

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.4

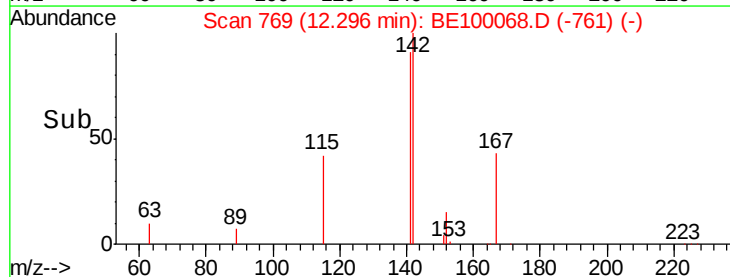
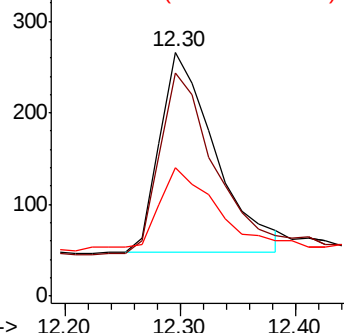
115 52.6 36.5 54.7

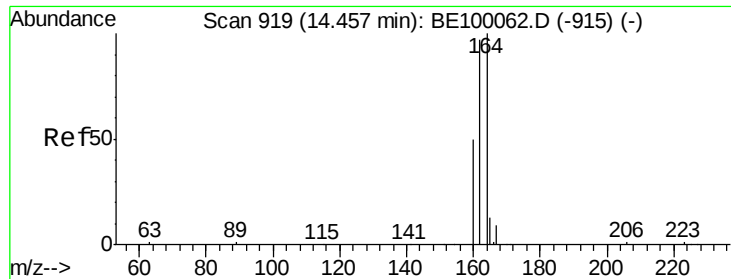


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

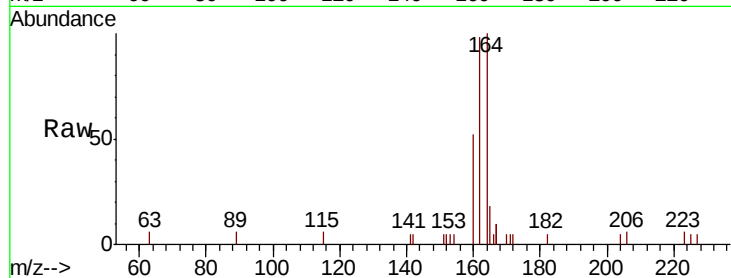




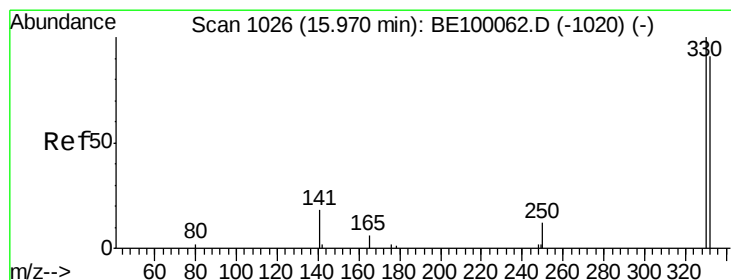
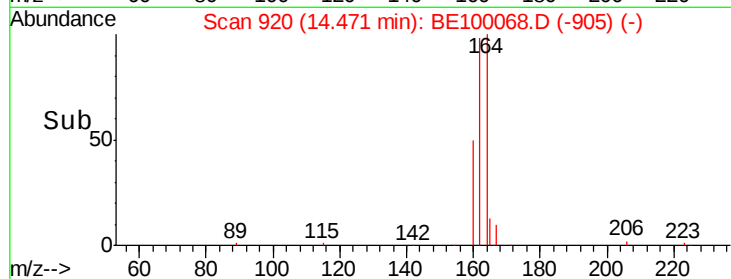
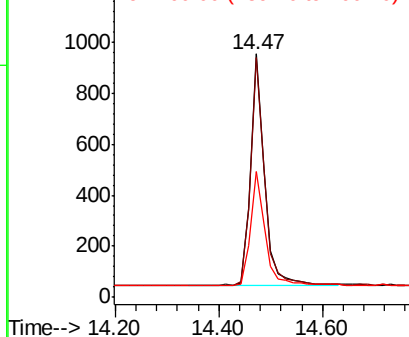
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 1706
Ion Ratio Lower Upper
164 100
162 98.3 77.6 116.4
160 51.8 41.7 62.5

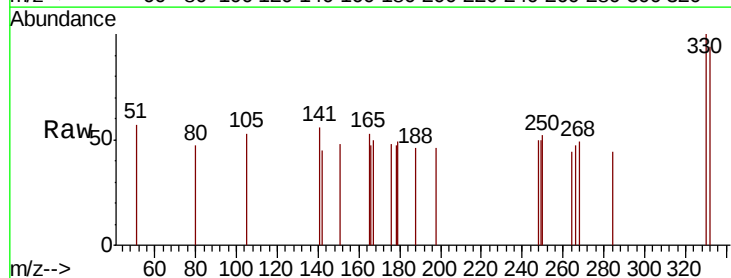


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

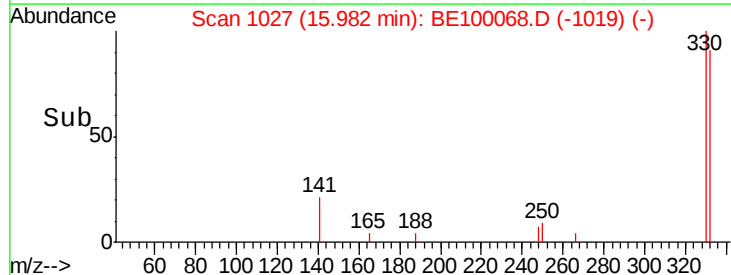
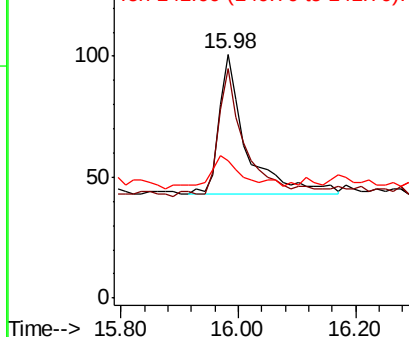


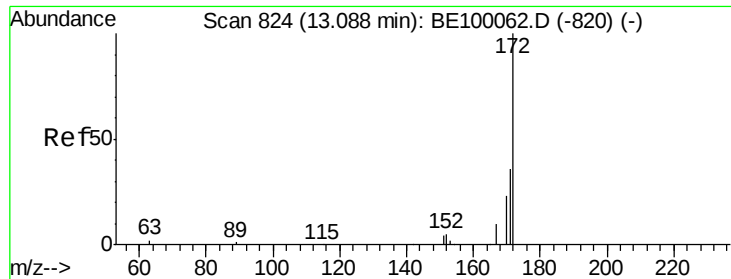
#14
2,4,6-Tribromophenol
Concen: 0.180 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:330 Resp: 188
Ion Ratio Lower Upper
330 100
332 86.2 74.7 112.1
141 23.4 20.3 30.5



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

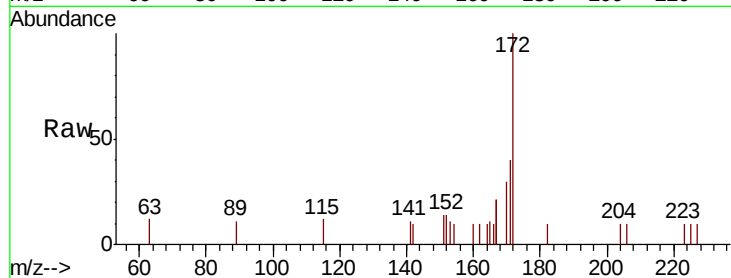




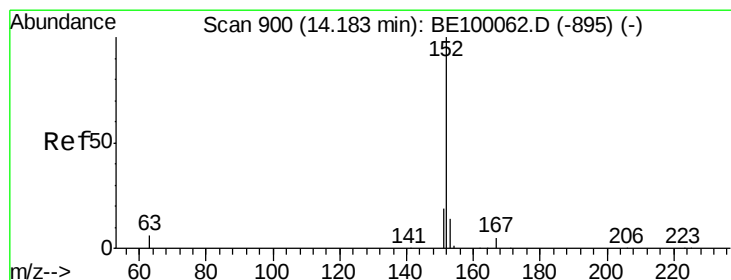
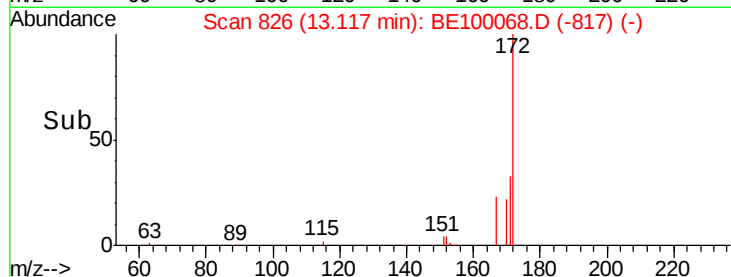
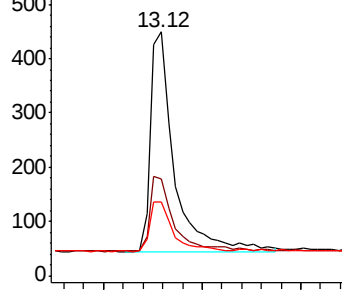
#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1337
Ion Ratio Lower Upper
172 100
171 39.6 31.0 46.6
170 30.1 21.3 31.9

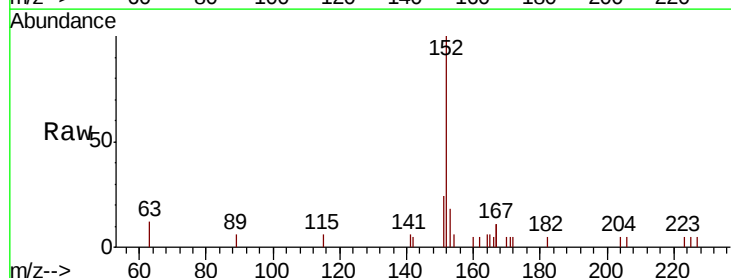


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

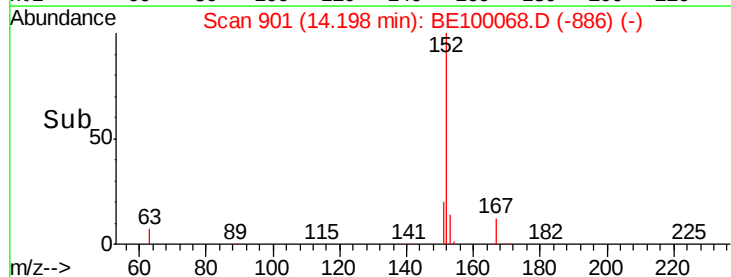
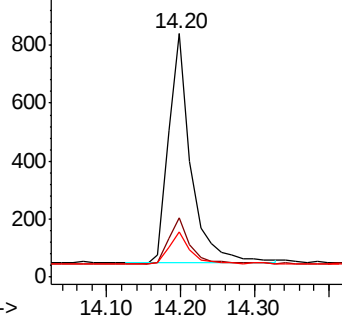


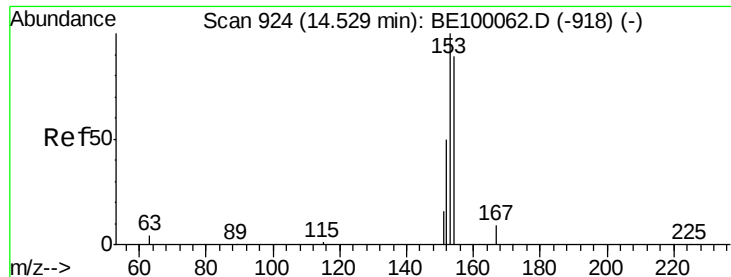
#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:152 Resp: 1660
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 13.3 11.1 16.7



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: 0.193 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

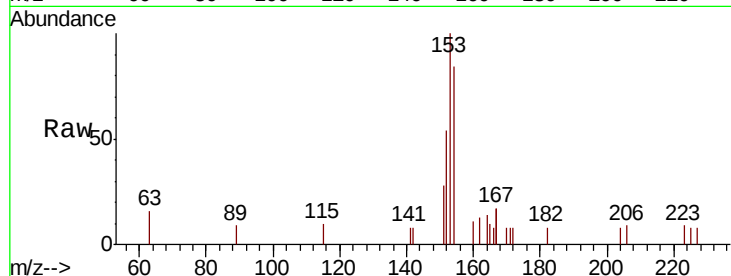
Tot Ion:154 Resp: 891

Ion Ratio Lower Upper

154 100

153 119.8 94.3 141.5

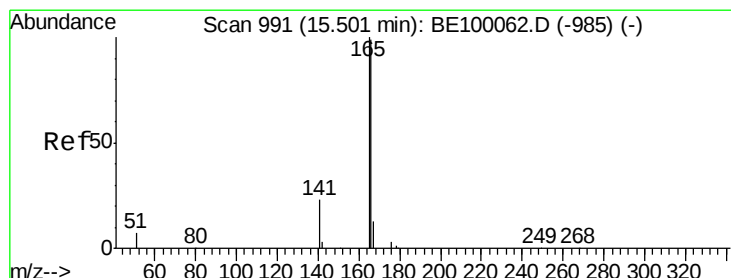
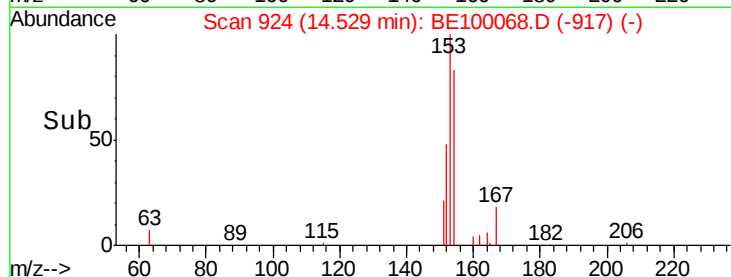
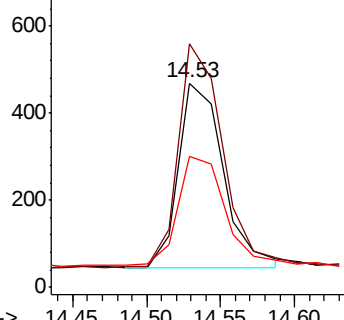
152 61.8 49.0 73.6



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: 0.193 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

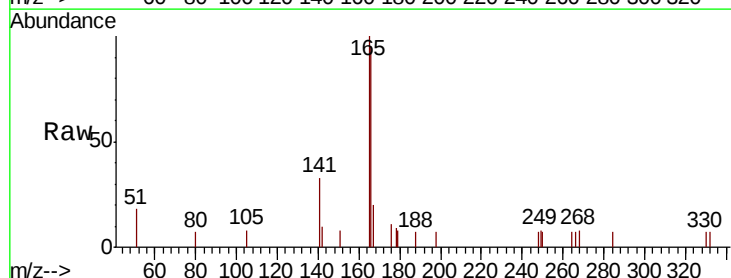
Tgt Ion:166 Resp: 1332

Ion Ratio Lower Upper

166 100

165 100.8 82.3 123.5

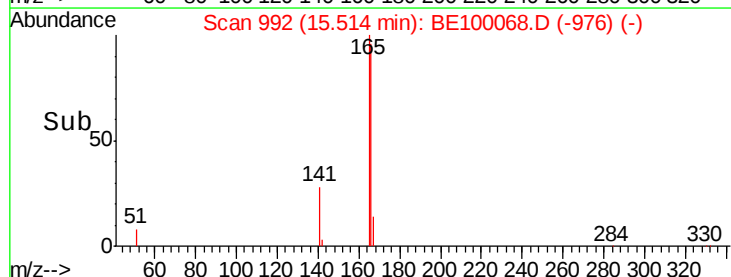
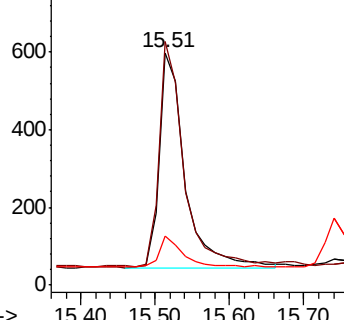
167 13.6 11.0 16.4

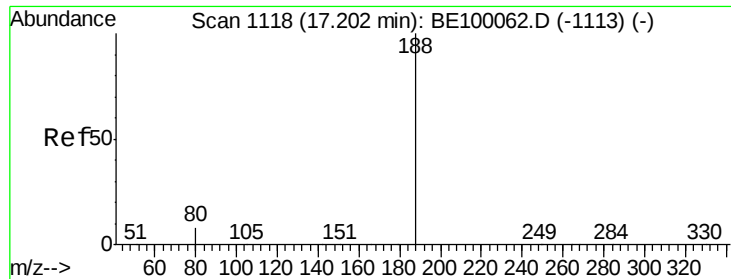


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

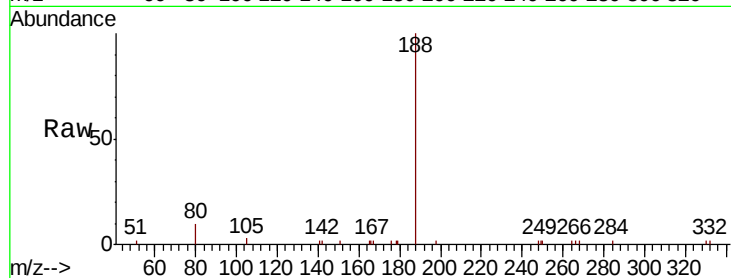
Tot Ion:188 Resp: 5389

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

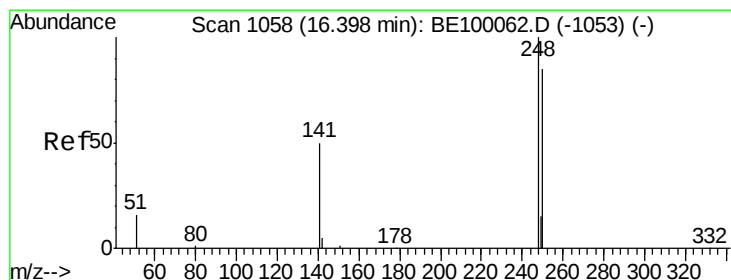
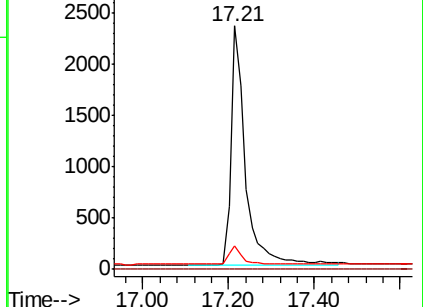
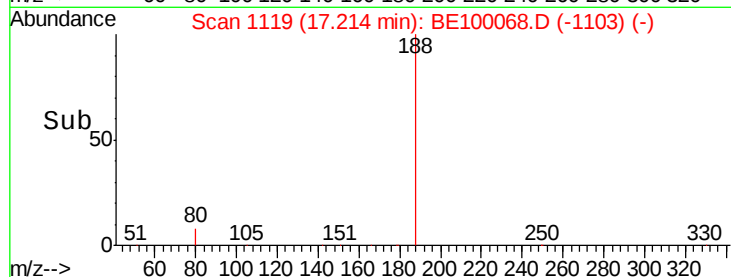
80 9.6 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.198 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

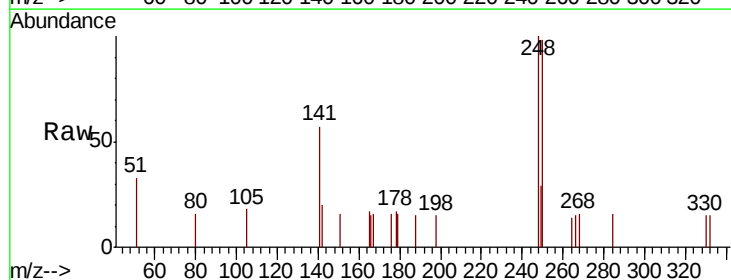
Tgt Ion:248 Resp: 641

Ion Ratio Lower Upper

248 100

250 98.0 69.8 104.8

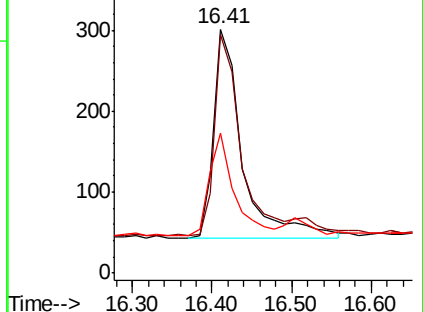
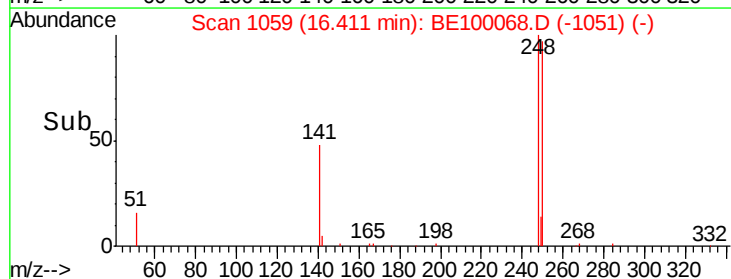
141 57.5 43.0 64.6

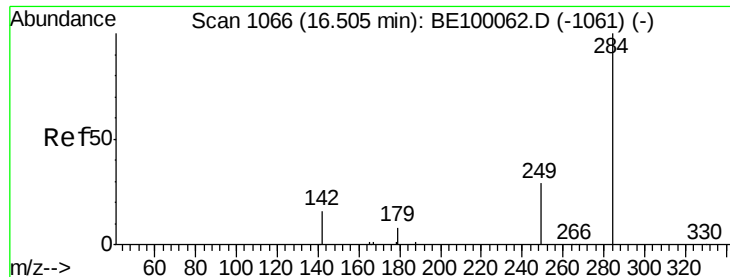


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.199 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampled :

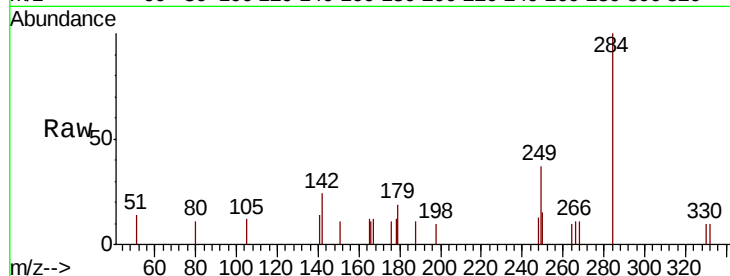
Tot Ion:284 Resp: 662

Ion Ratio Lower Upper

284 100

142 25.1 20.4 30.6

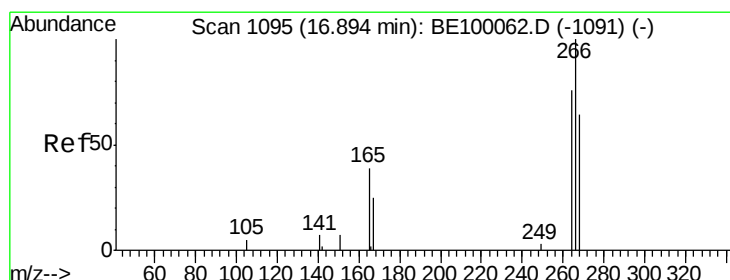
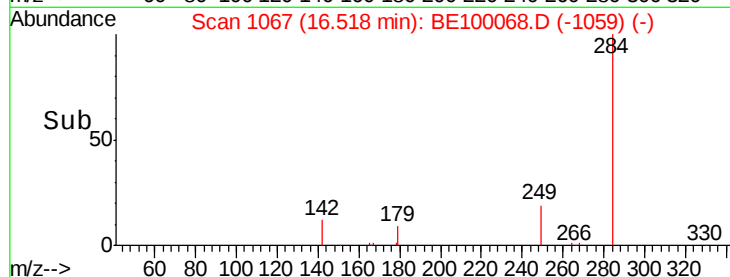
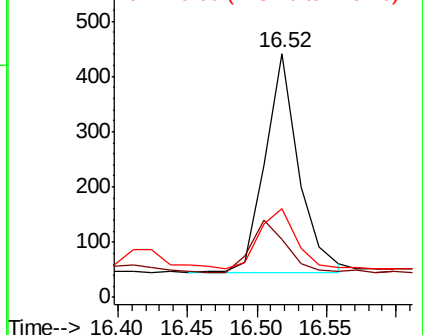
249 29.9 25.3 37.9



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: 0.139 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

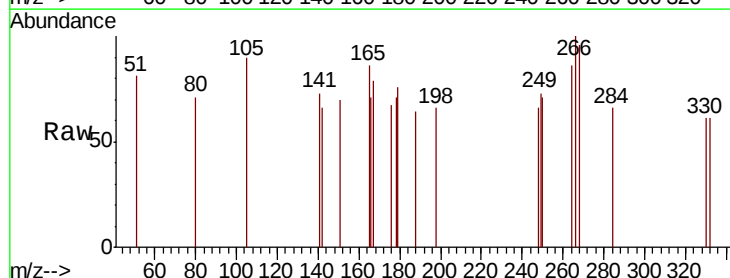
Tgt Ion:266 Resp: 145

Ion Ratio Lower Upper

266 100

264 85.7 68.6 102.8

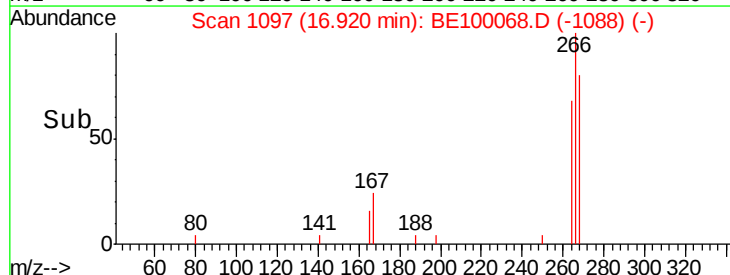
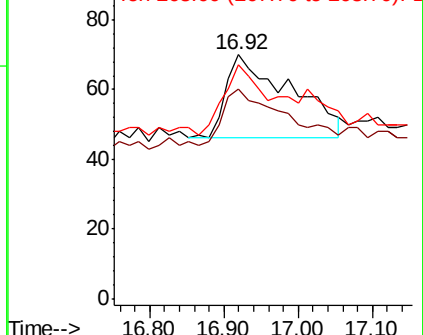
268 95.7 67.0 100.6

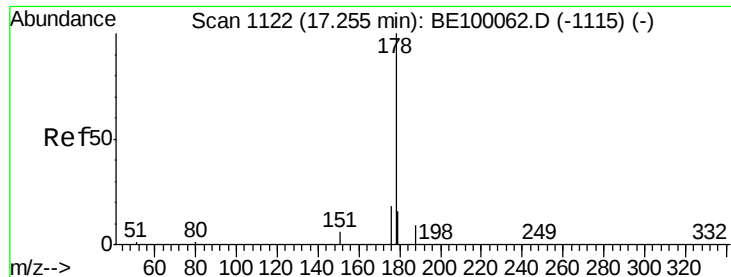


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.187 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

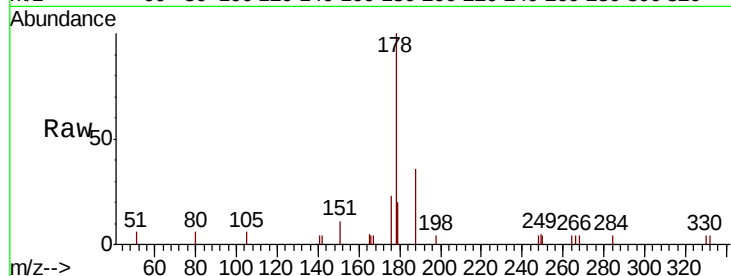
Tot Ion:178 Resp: 2459

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

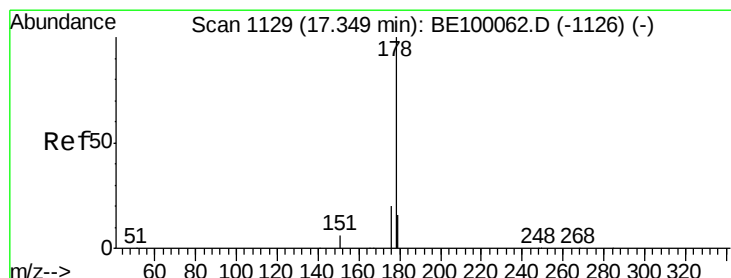
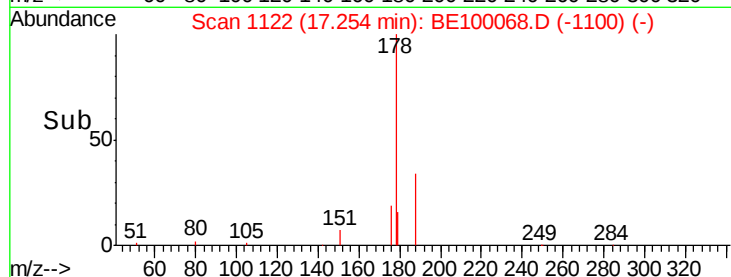
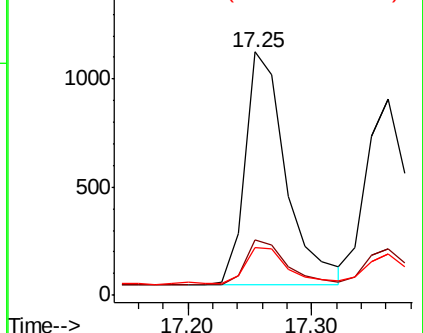
179 17.0 12.4 18.6



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: 0.170 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

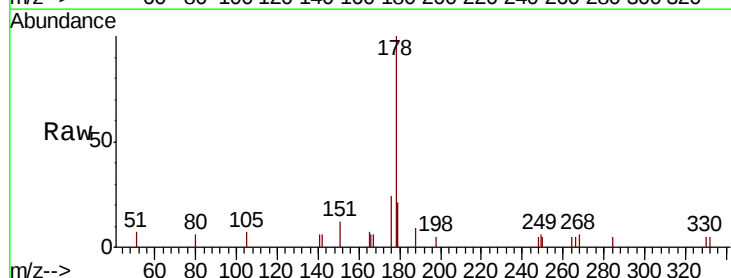
Tgt Ion:178 Resp: 1967

Ion Ratio Lower Upper

178 100

176 19.9 14.7 22.1

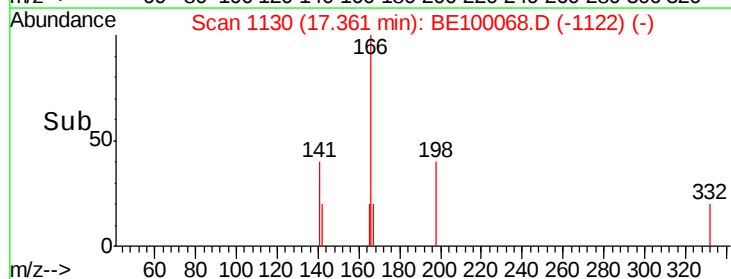
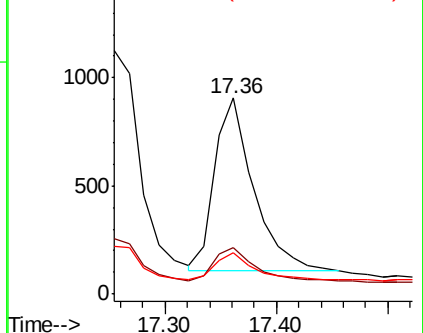
179 14.8 12.6 18.8

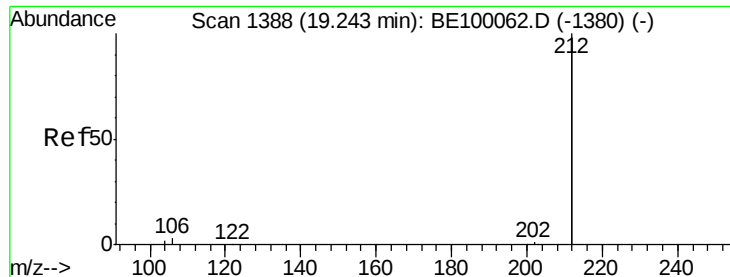


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.192 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampled :

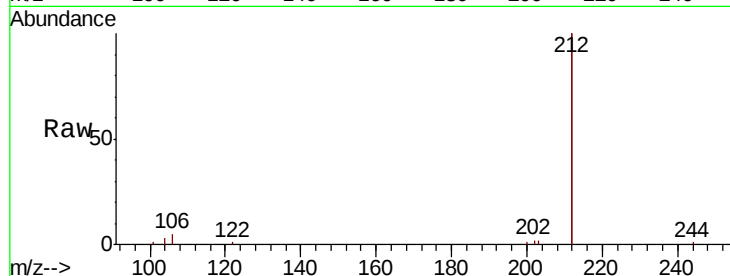
Tot Ion:212 Resp: 14542

Ion Ratio Lower Upper

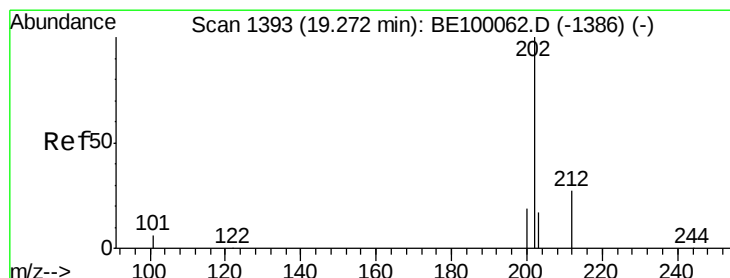
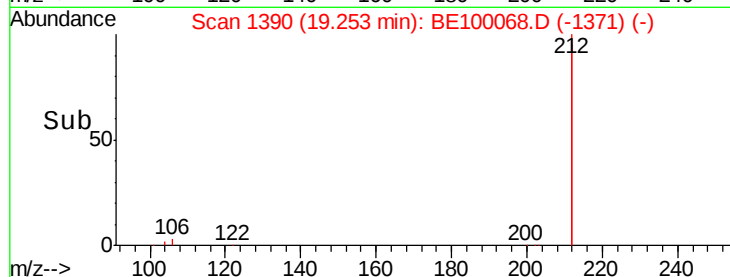
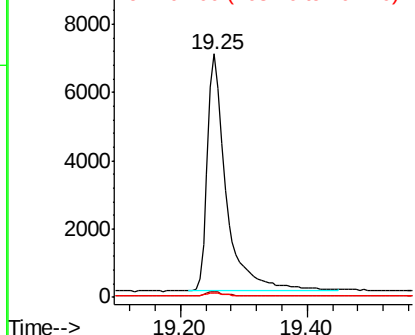
212 100

106 1.8 1.4 2.2

104 1.0 0.9 1.3



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: 0.189 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

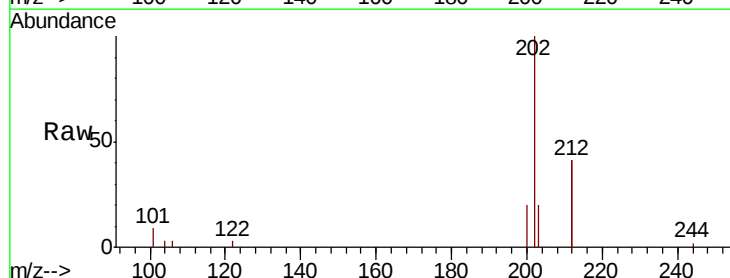
Tgt Ion:202 Resp: 4082

Ion Ratio Lower Upper

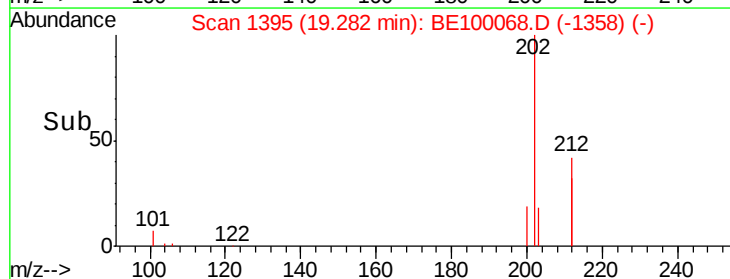
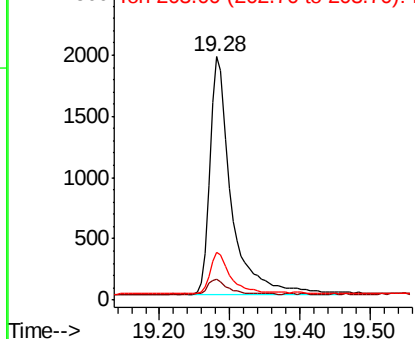
202 100

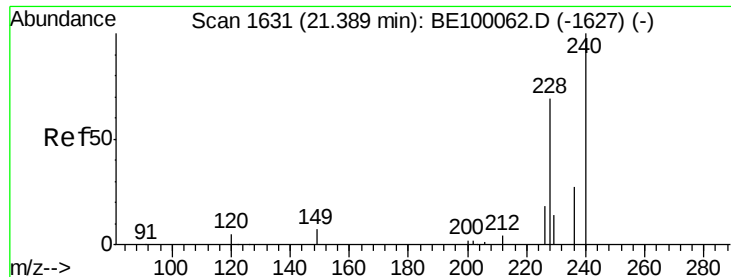
101 6.5 5.3 7.9

203 16.7 13.3 19.9



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

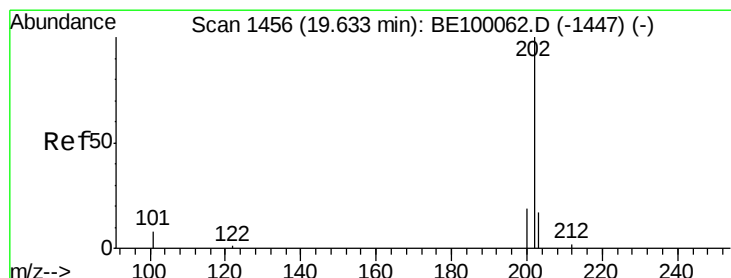
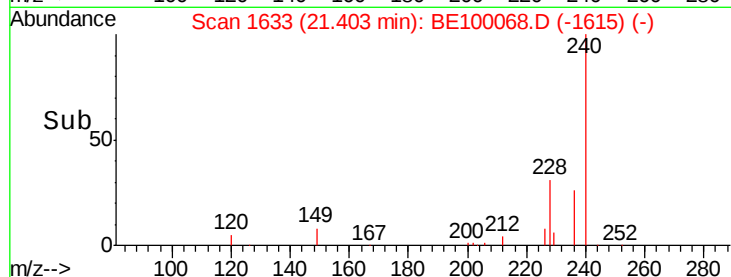
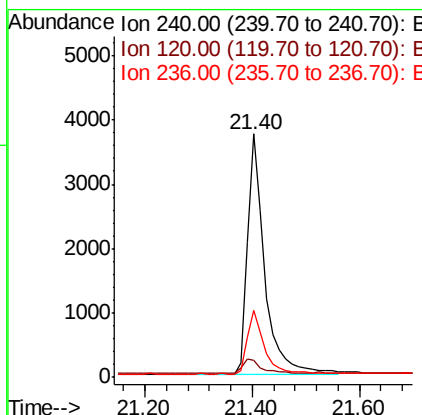
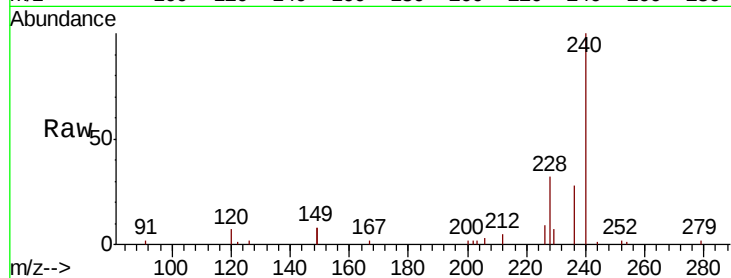




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

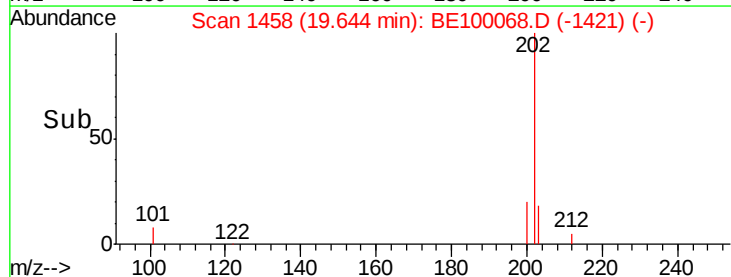
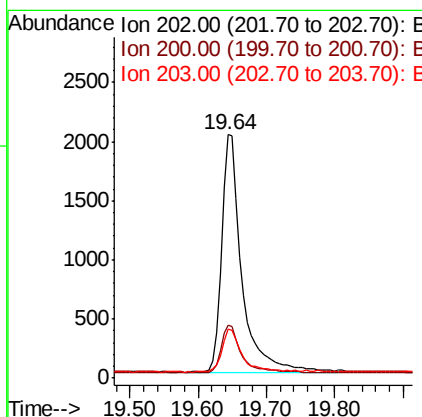
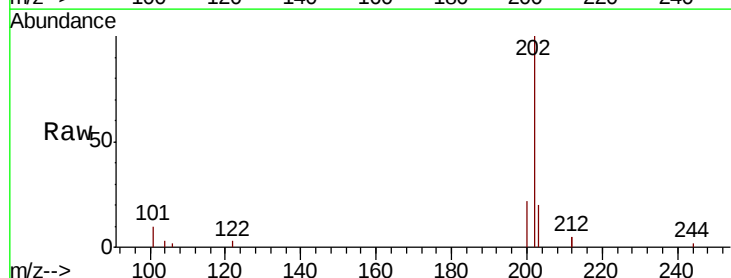
Instrument :
BNA_G
ClientSampleId :

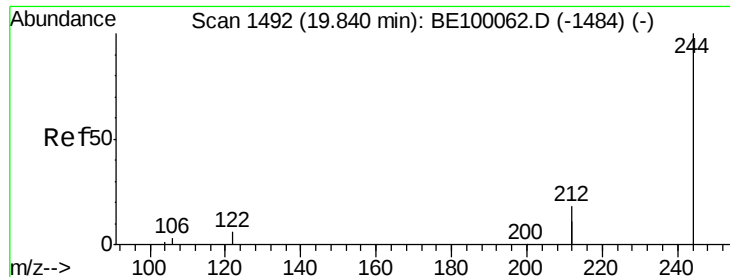
Tot Ion:240 Resp: 8426
Ion Ratio Lower Upper
240 100
120 7.0 5.4 8.0
236 27.6 22.6 33.8



#28
Pyrene
Concen: 0.199 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:202 Resp: 4162
Ion Ratio Lower Upper
202 100
200 19.9 15.6 23.4
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.196 ng

RT: 19.86 min Scan# 1495

Delta R.T. 0.02 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

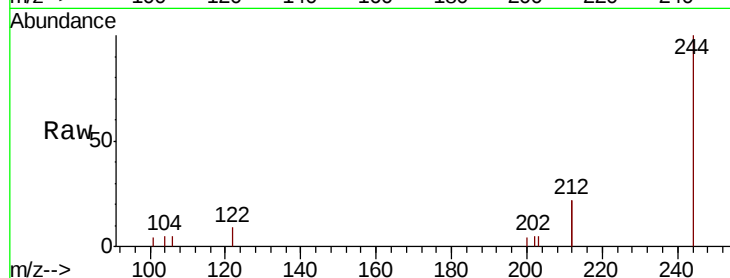
Tot Ion:244 Resp: 2789

Ion Ratio Lower Upper

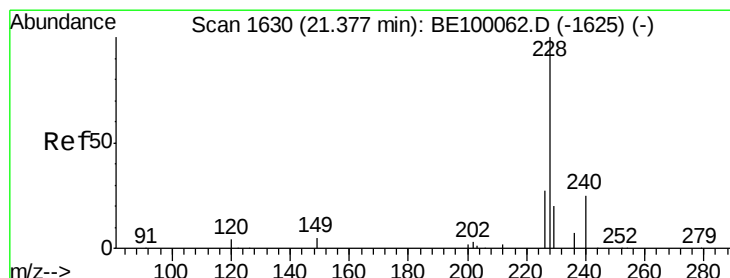
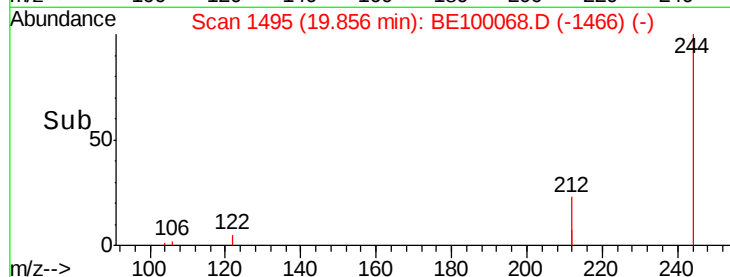
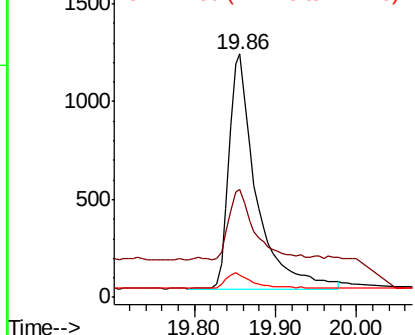
244 100

212 44.4 27.9 41.9#

122 9.0 5.8 8.6#



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: 0.177 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

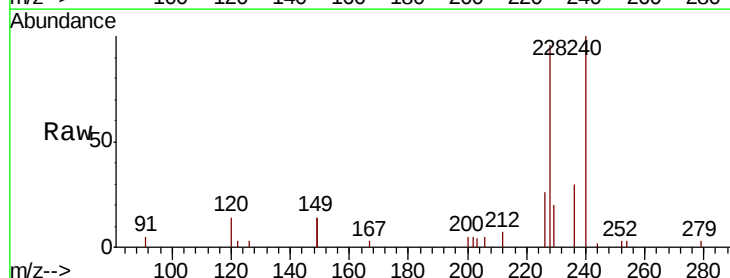
Tgt Ion:228 Resp: 4293

Ion Ratio Lower Upper

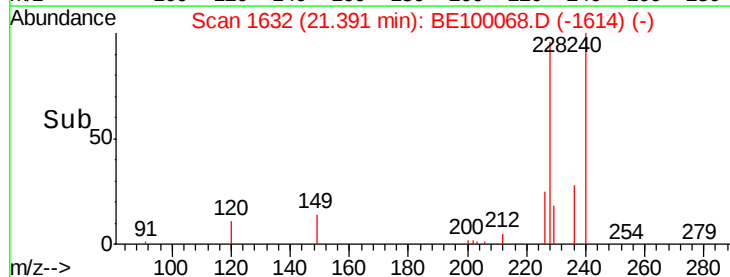
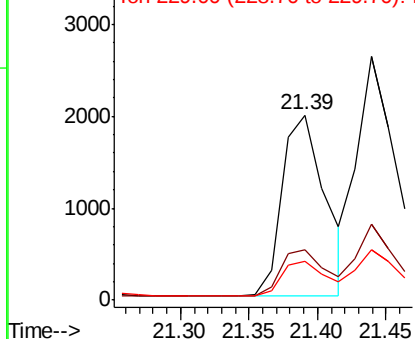
228 100

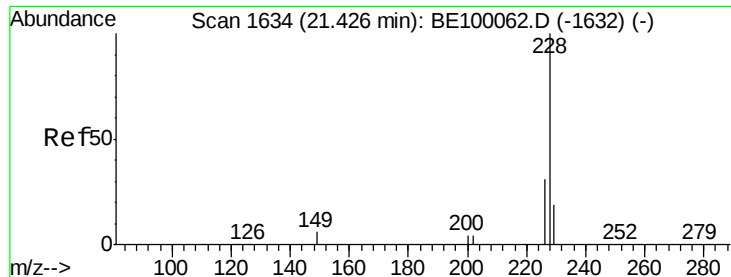
226 27.4 22.1 33.1

229 21.2 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: 0.193 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.01 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

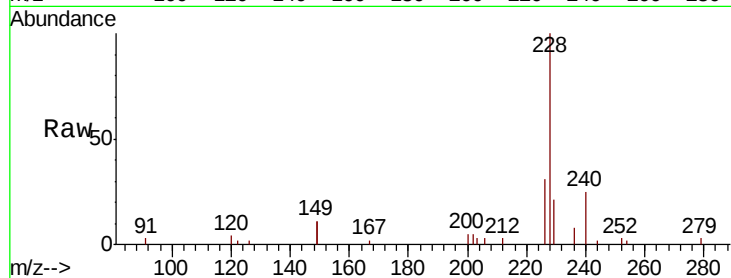
Tot Ion:228 Resp: 5270

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

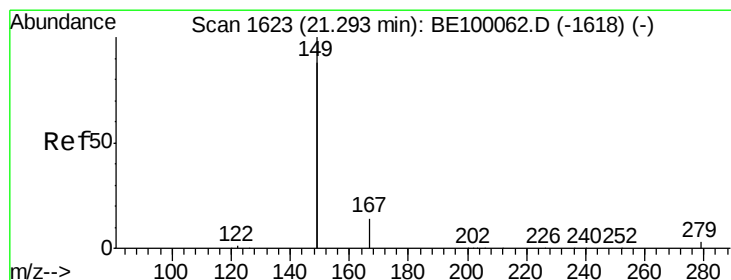
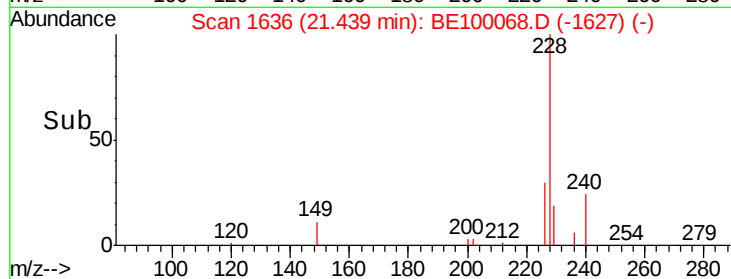
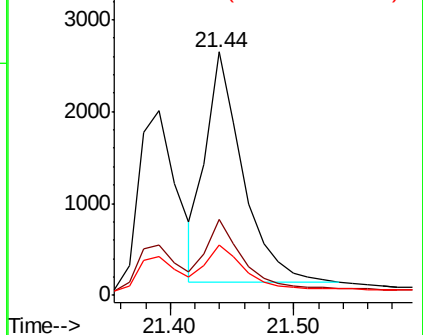
229 20.9 15.8 23.8



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: 0.162 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

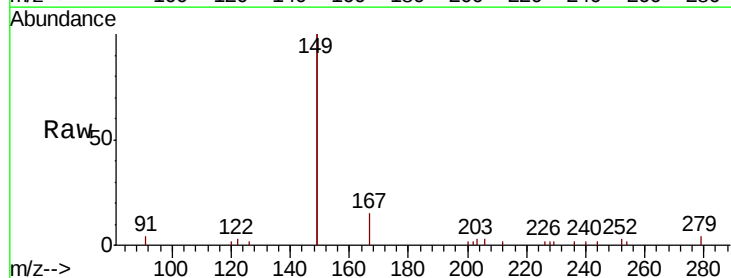
Tgt Ion:149 Resp: 5470

Ion Ratio Lower Upper

149 100

167 7.8 5.9 8.9

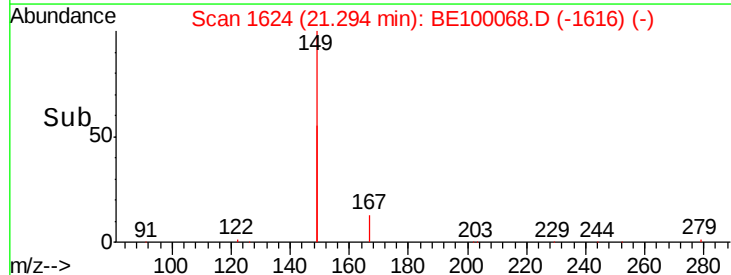
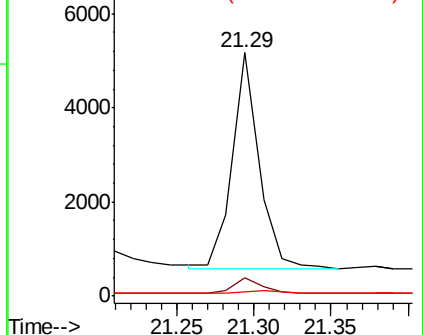
279 1.9 1.0 1.6#

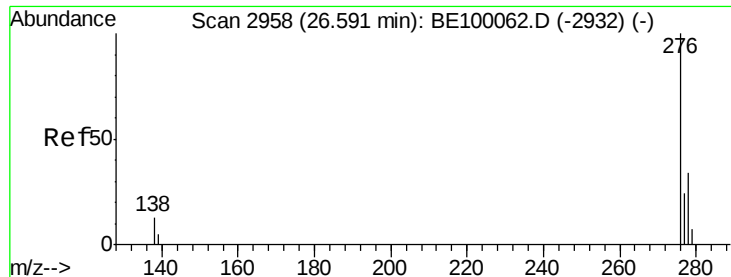


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

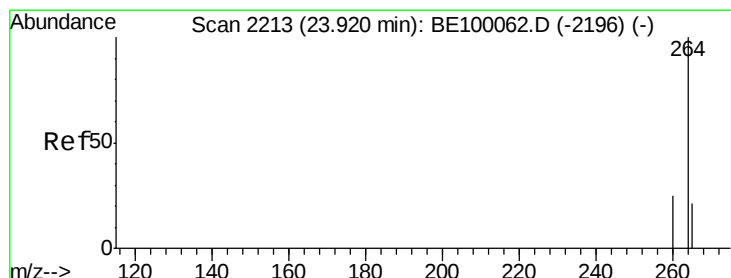
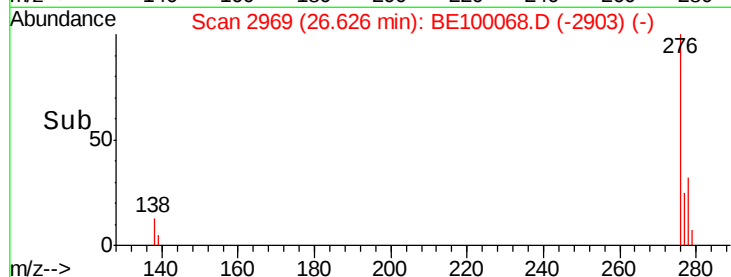
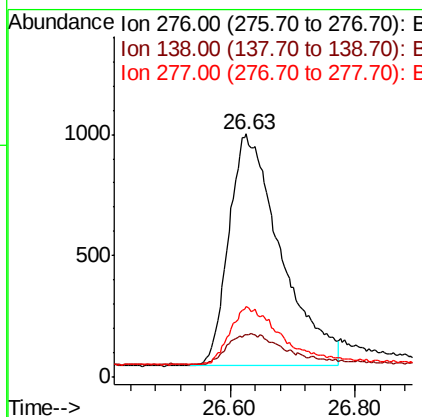
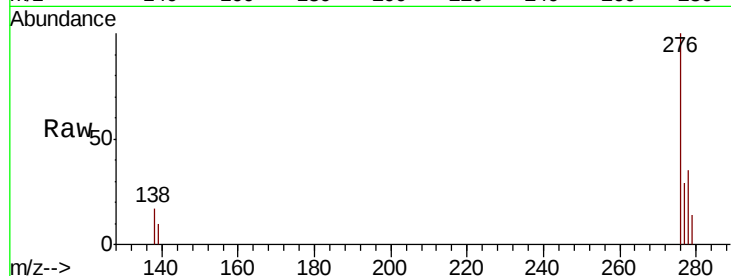




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.170 ng
RT: 26.63 min Scan# 2969
Delta R.T. 0.04 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

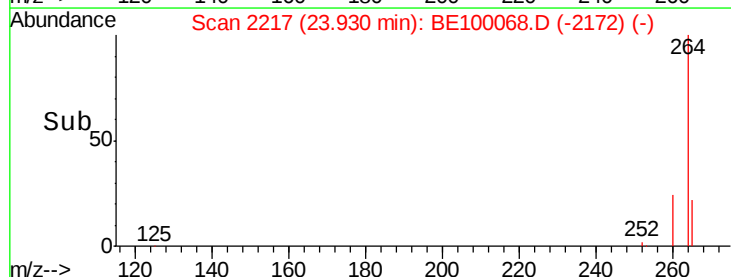
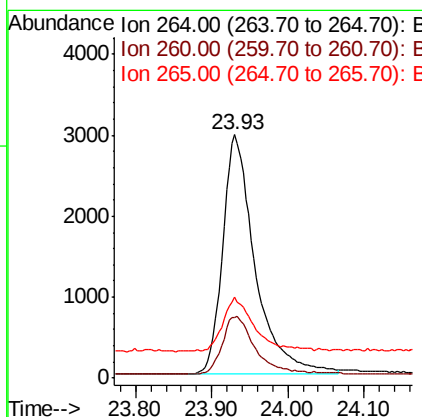
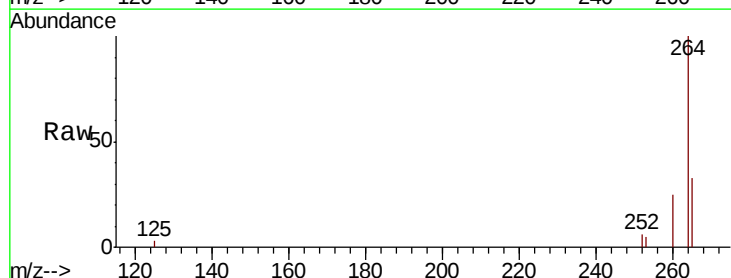
Instrument :
BNA_G
ClientSampleId :

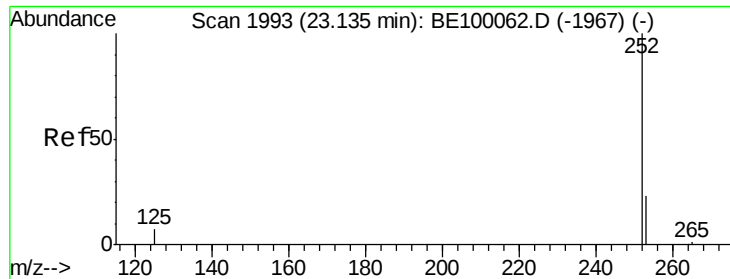
Tot Ion:276 Resp: 5511
Ion Ratio Lower Upper
276 100
138 7.7 10.7 16.1#
277 24.3 19.1 28.7



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BE100068.D
Acq: 17 Jun 2019 16:34

Tgt Ion:264 Resp: 8755
Ion Ratio Lower Upper
264 100
260 25.0 20.6 31.0
265 33.0 23.6 35.4





#35

Benzo(b)fluoranthene

Concen: 0.205 ng

RT: 23.21 min Scan# 2014

Delta R.T. 0.07 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

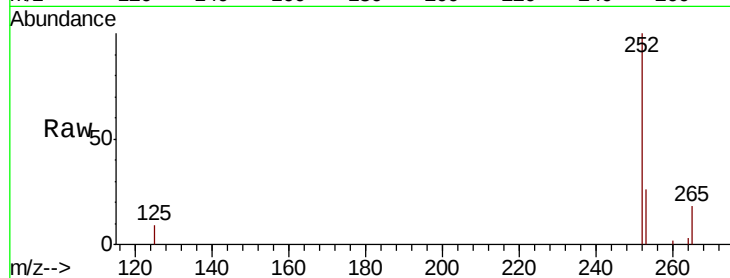
Tot Ion:252 Resp: 5168

Ion Ratio Lower Upper

252 100

253 26.2 19.6 29.4

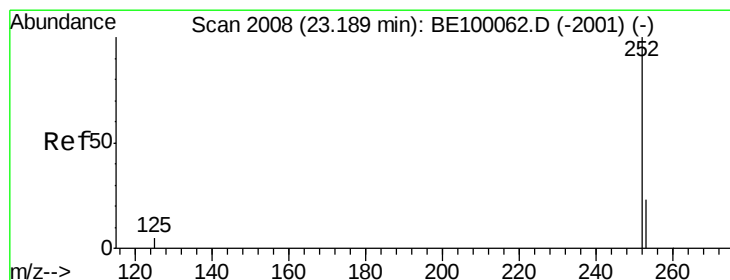
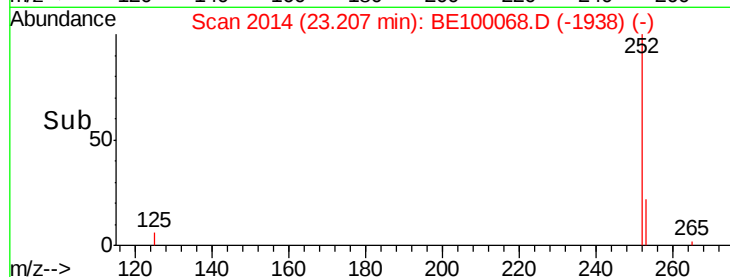
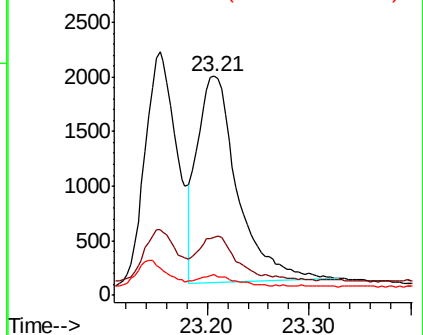
125 9.3 7.2 10.8



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



#36

Benzo(k)fluoranthene

Concen: 0.197 ng

RT: 23.21 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

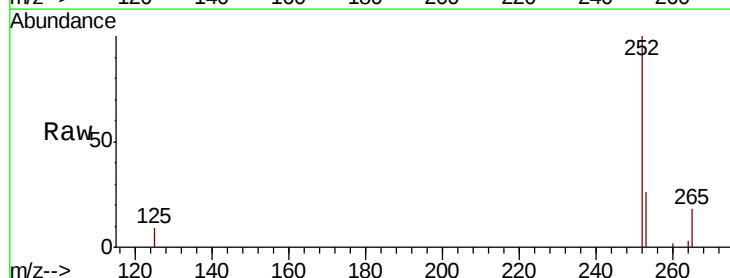
Tgt Ion:252 Resp: 5394

Ion Ratio Lower Upper

252 100

253 26.2 19.3 28.9

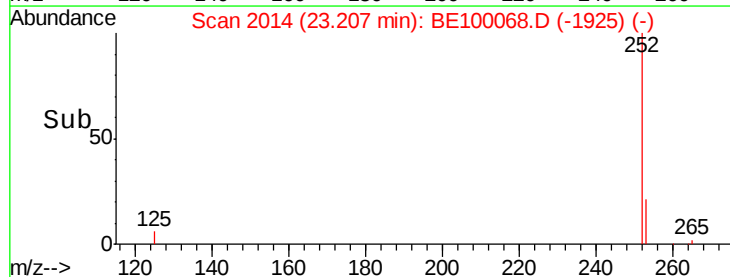
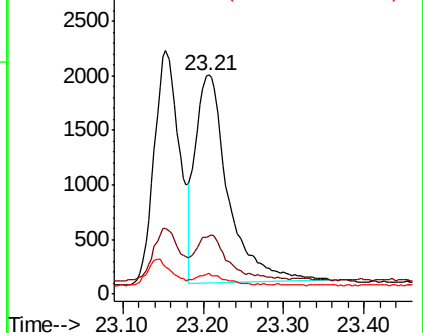
125 9.3 5.6 8.4#

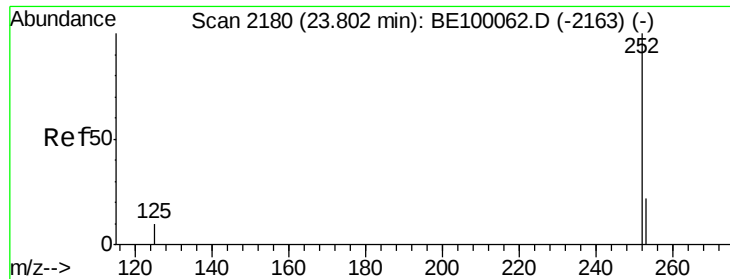


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.194 ng

RT: 23.82 min Scan# 2187

Delta R.T. 0.02 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :

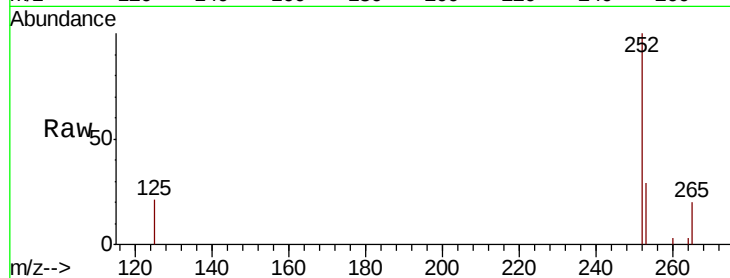
Tot Ion:252 Resp: 4867

Ion Ratio Lower Upper

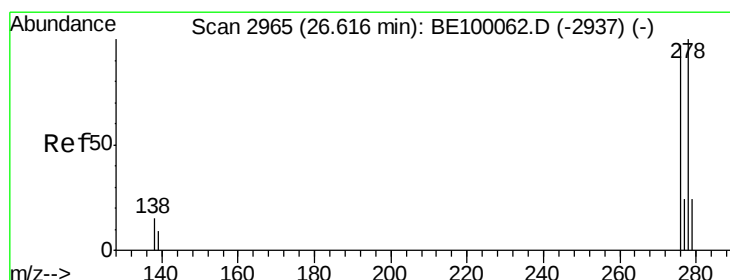
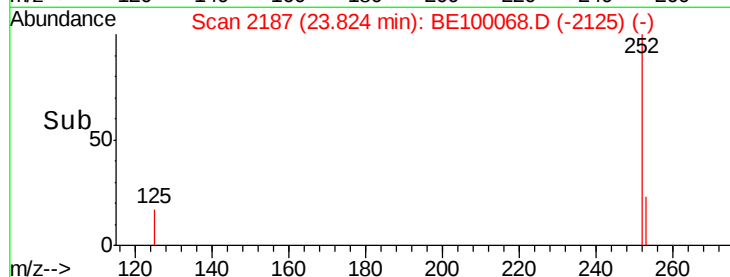
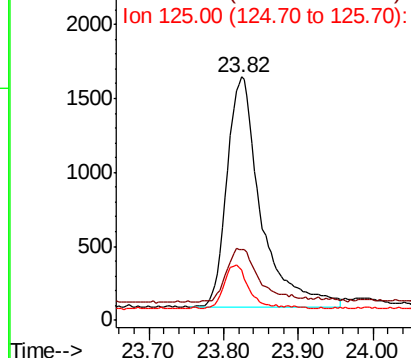
252 100

253 29.0 20.0 30.0

125 20.5 9.6 14.4#



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: 0.175 ng

RT: 26.66 min Scan# 2979

Delta R.T. 0.05 min

Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

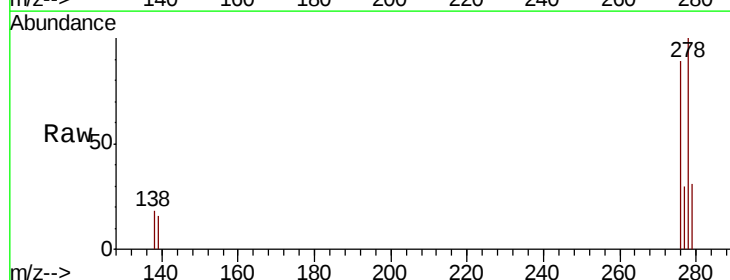
Tgt Ion:278 Resp: 4264

Ion Ratio Lower Upper

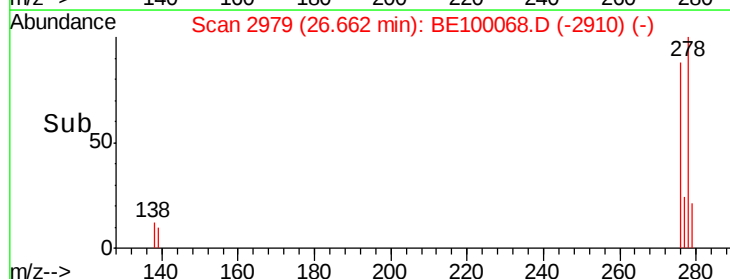
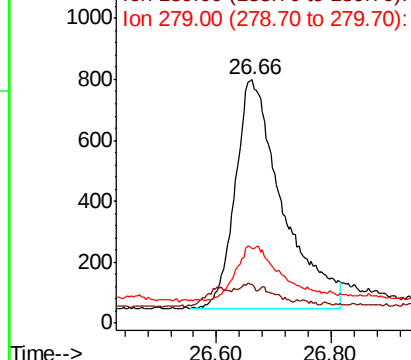
278 100

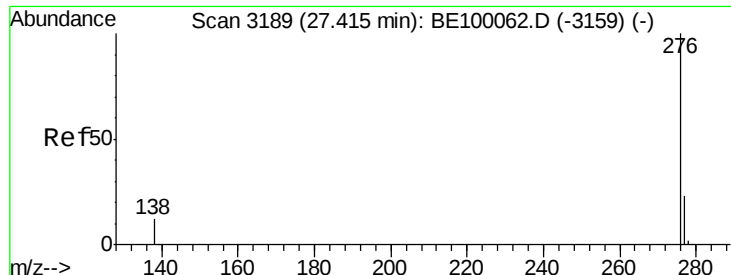
139 16.1 9.2 13.8#

279 30.5 21.4 32.0



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: 0.186 ng

RT: 27.45 min Scan# 3200

Delta R.T. 0.04 min

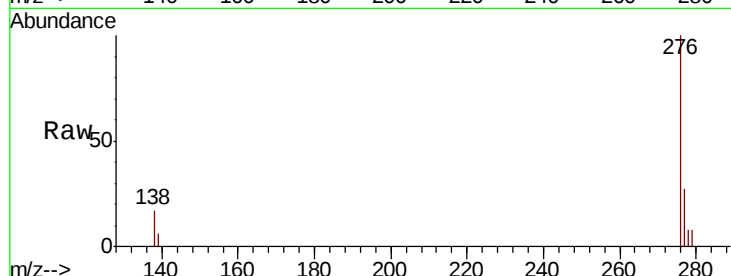
Lab File: BE100068.D

Acq: 17 Jun 2019 16:34

Instrument :

BNA_G

ClientSampleId :



Tot Ion: 276 Resp: 4811

Ion Ratio Lower Upper

276 100

277 27.0 19.4 29.2

138 16.8 11.0 16.6

