

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091819\
 Data File : BE100507.D
 Acq On : 18 Sep 2019 15:07
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 17:10:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 17:04:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9811	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	46535	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	25473	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	62803	0.40	ng	0.00
27) Chrysene-d12	21.37	240	71730	0.40	ng	0.00
34) Perylene-d12	23.84	264	81884	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	8424	0.35	ng	-0.01
5) Phenol-d6	7.02	99	13455	0.39	ng	0.00
8) Nitrobenzene-d5	9.00	82	4603	0.12	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	14807	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1177	0.11	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	19071	0.18	ng	0.00
25) Fluoranthene-d10	19.23	212	158619	0.18	ng	0.00
29) Terphenyl-d14	19.82	244	35785	0.20	ng	0.00

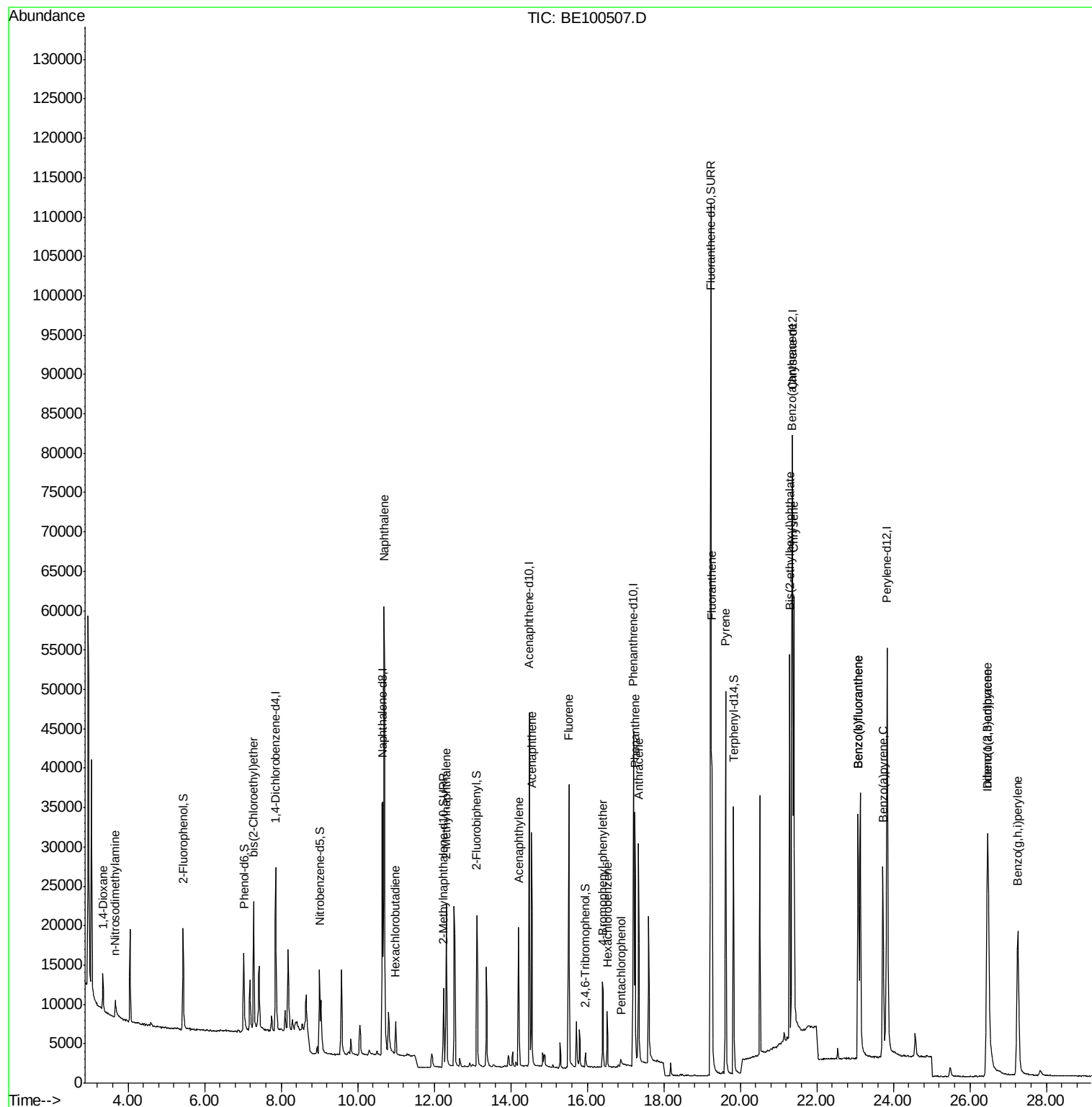
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3716	0.252	ng	95
3) n-Nitrosodimethylamine	3.67	42	1945	0.217	ng	98
6) bis(2-Chloroethyl)ether	7.27	93	7207	0.246	ng	99
9) Naphthalene	10.69	128	102253	0.229	ng	100
10) Hexachlorobutadiene	10.99	225	3188	0.149	ng	99
12) 2-Methylnaphthalene	12.31	142	16557	0.206	ng	98
16) Acenaphthylene	14.21	152	24433	0.207	ng	99
17) Acenaphthene	14.54	154	16045	0.226	ng	98
18) Fluorene	15.52	166	20922	0.221	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	5927	0.198	ng	98
21) Hexachlorobenzene	16.52	284	4960	0.161	ng	99
22) Pentachlorophenol	16.88	266	1066	0.082	ng	91
23) Phenanthrene	17.24	178	36864	0.240	ng	100
24) Anthracene	17.34	178	31155	0.213	ng	100
26) Fluoranthene	19.26	202	45876	0.207	ng	99
28) Pyrene	19.62	202	47342	0.212	ng	100
30) Benzo(a)anthracene	21.35	228	44973	0.205	ng	95
31) Chrysene	21.40	228	47359	0.219	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	65949	0.131	ng	# 95
33) Indeno(1,2,3-cd)pyrene	26.46	276	56040	0.238	ng	97
35) Benzo(b)fluoranthene	23.08	252	46437	0.207	ng	99
36) Benzo(k)fluoranthene	23.08	252	46437	0.198	ng	100
37) Benzo(a)pyrene	23.73	252	45366	0.208	ng	99
38) Dibenzo(a,h)anthracene	26.47	278	44827	0.218	ng	99
39) Benzo(g,h,i)perylene	27.25	276	48135	0.228	ng	99

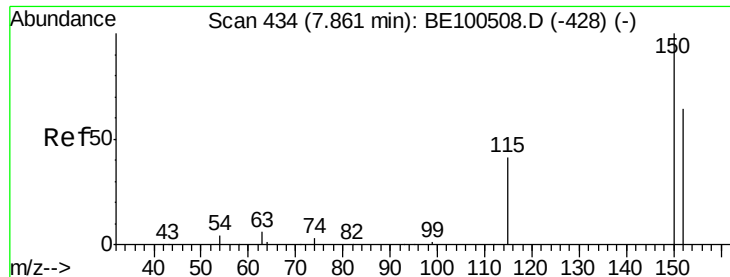
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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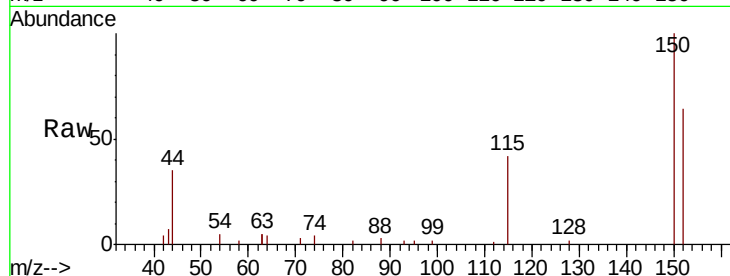


#1

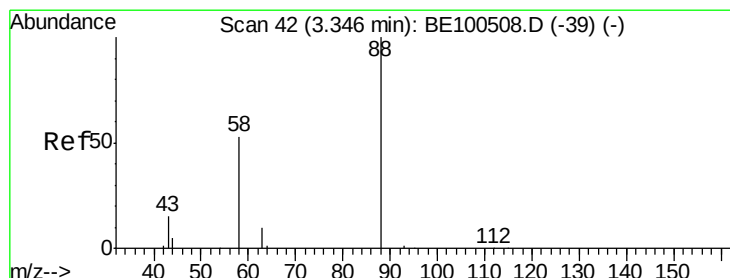
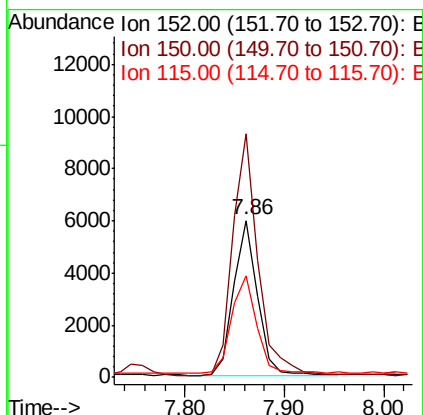
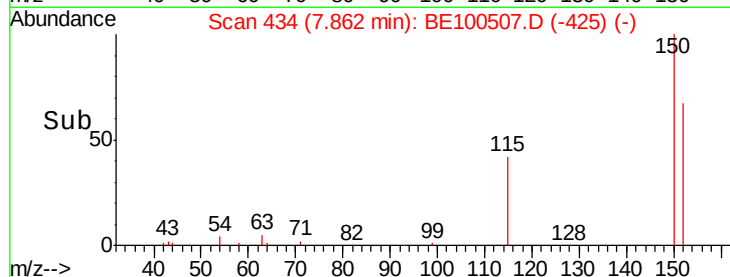
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9811
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 65.0 53.0 79.6



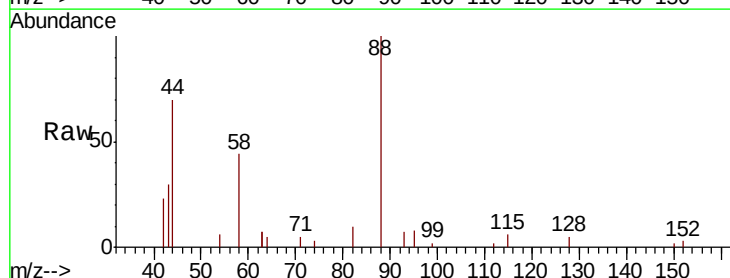
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



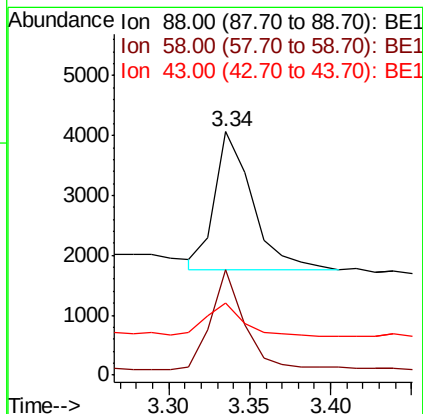
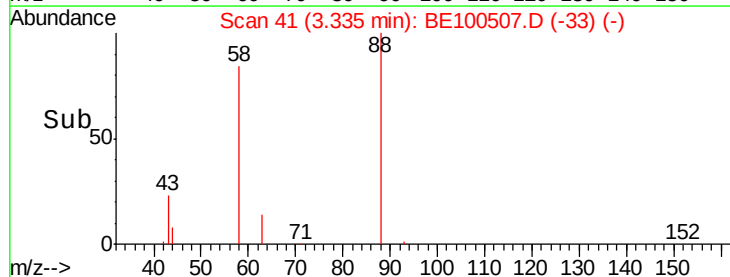
#2

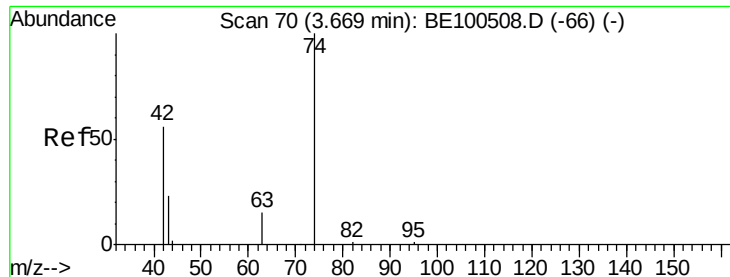
1,4-Dioxane
Concen: 0.252 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion: 88 Resp: 3716
Ion Ratio Lower Upper
88 100
58 65.0 56.2 84.2
43 24.0 19.2 28.8



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: 0.217 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

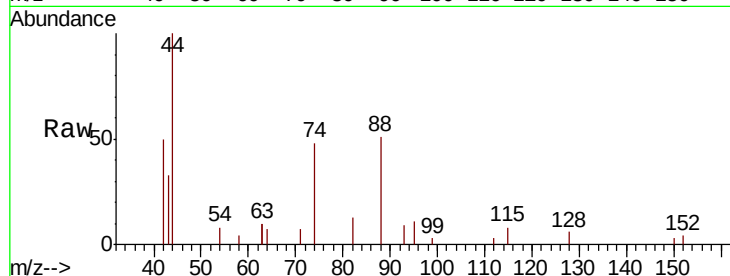
Tot Ion: 42 Resp: 1945

Ion Ratio Lower Upper

42 100

74 157.6 127.2 190.8

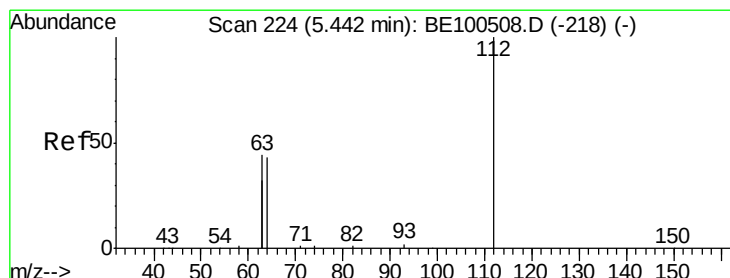
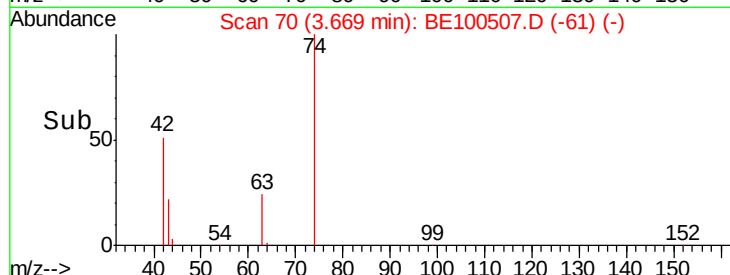
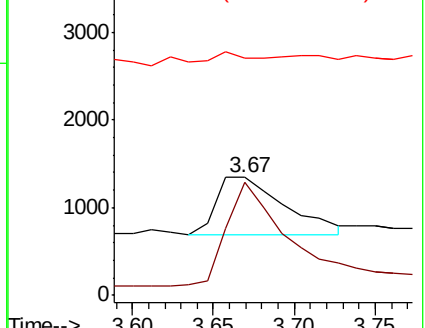
44 18.8 18.2 27.4



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.352 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.01 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

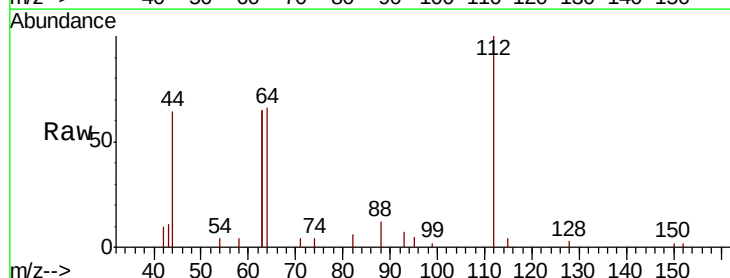
Tgt Ion: 112 Resp: 8424

Ion Ratio Lower Upper

112 100

64 56.3 46.2 69.2

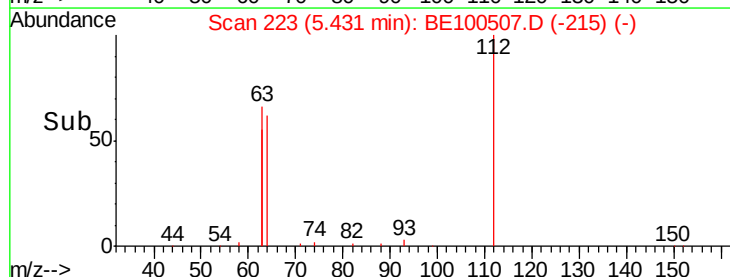
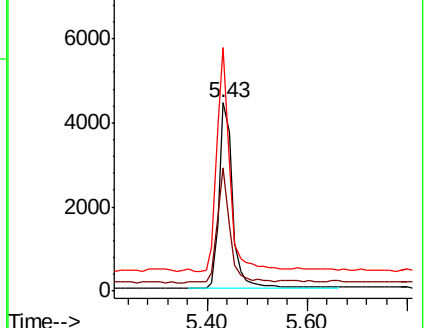
63 112.4 88.2 132.4

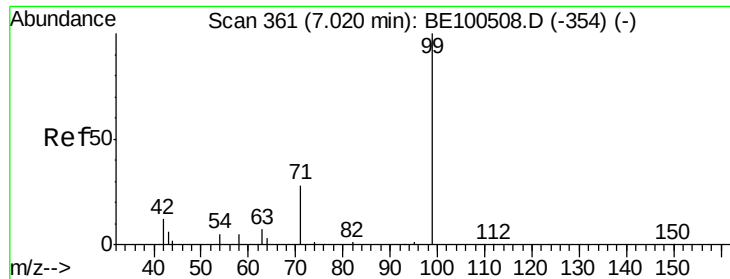


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.394 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

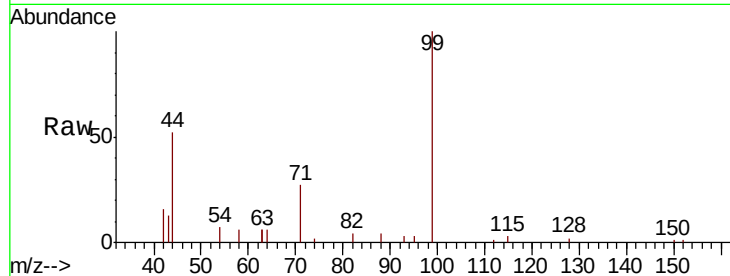
Tot Ion: 99 Resp: 13455

Ion Ratio Lower Upper

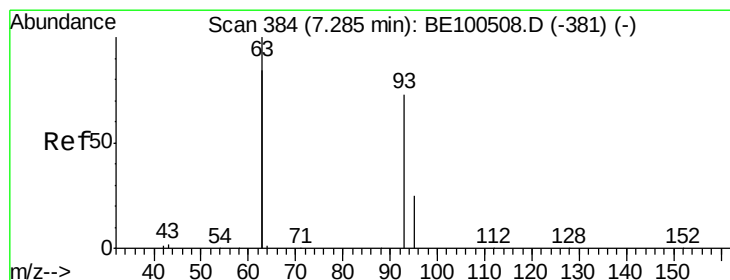
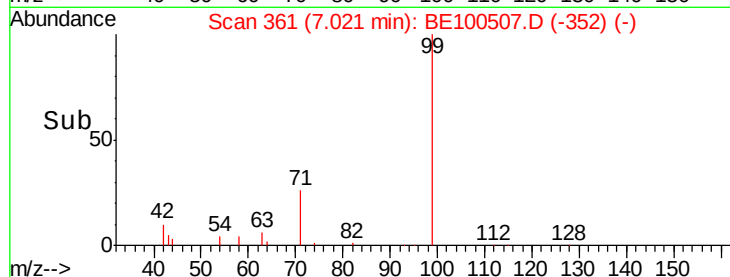
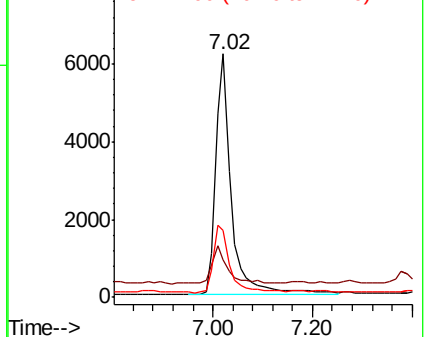
99 100

42 15.1 12.0 18.0

71 30.0 22.7 34.1



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: 0.246 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.01 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

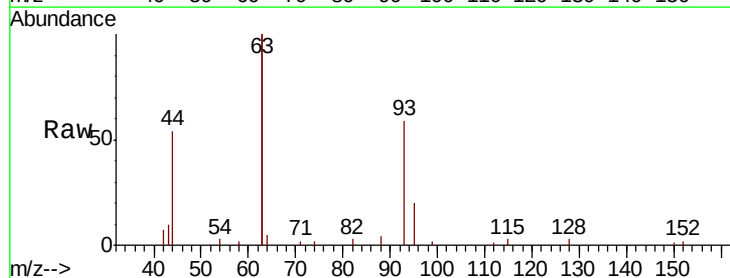
Tgt Ion: 93 Resp: 7207

Ion Ratio Lower Upper

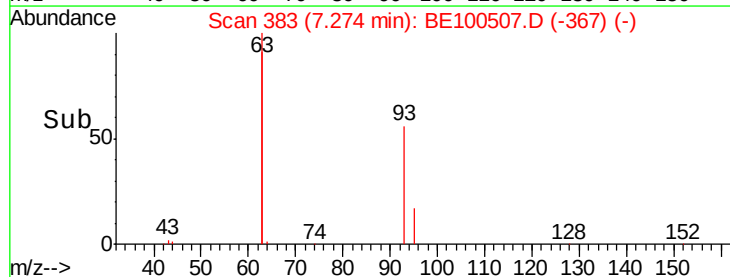
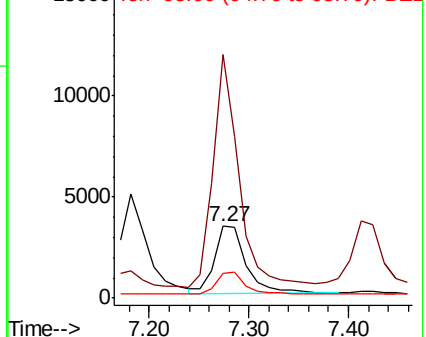
93 100

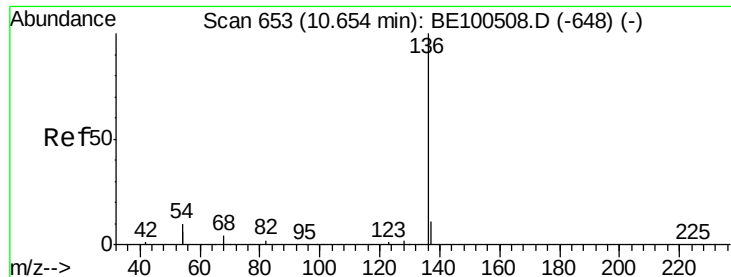
63 283.8 228.3 342.5

95 30.8 24.6 36.8



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: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 46535

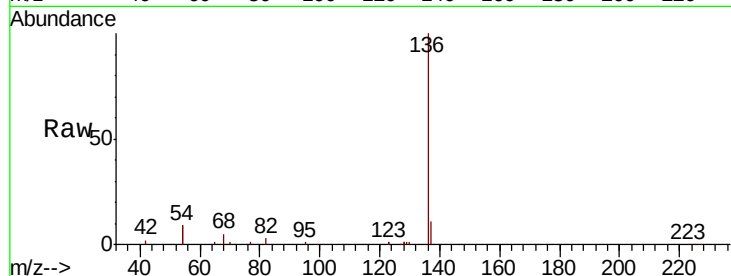
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 17.9 15.4 23.0

68 4.5 4.0 6.0

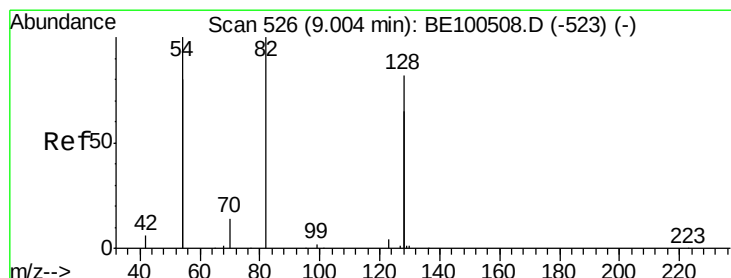
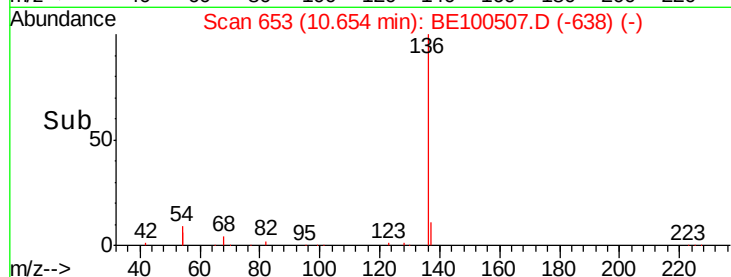
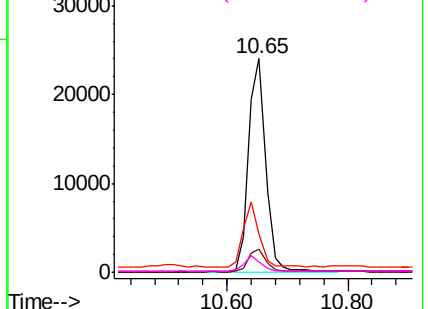


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.119 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

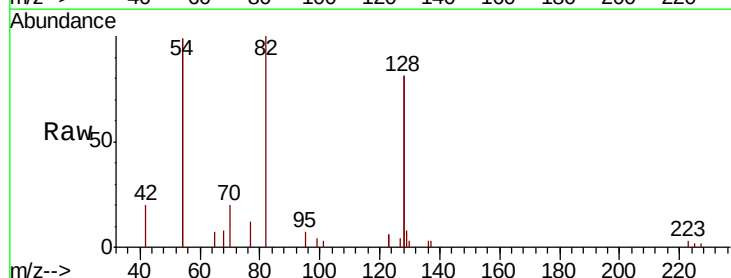
Tgt Ion: 82 Resp: 4603

Ion Ratio Lower Upper

82 100

128 161.6 124.6 186.8

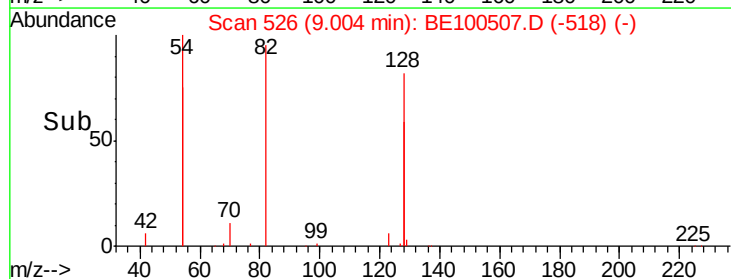
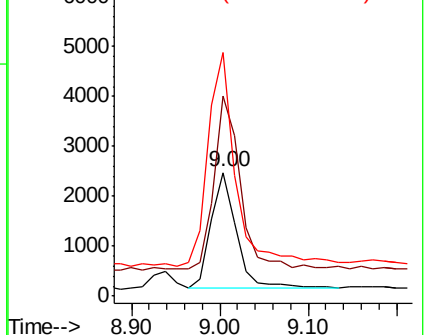
54 197.1 151.8 227.8

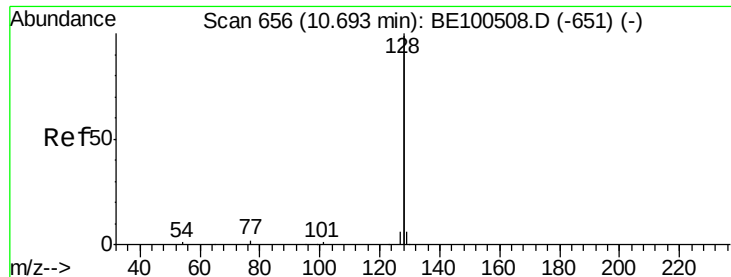


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.229 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

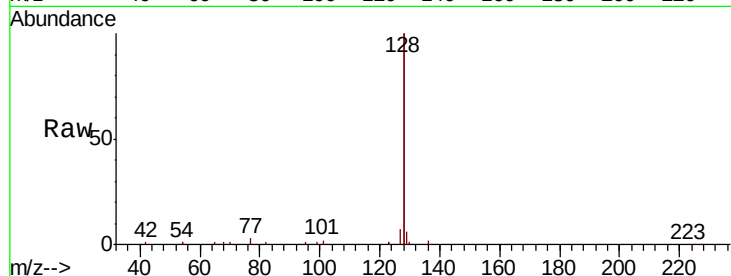
Tot Ion:128 Resp: 102253

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

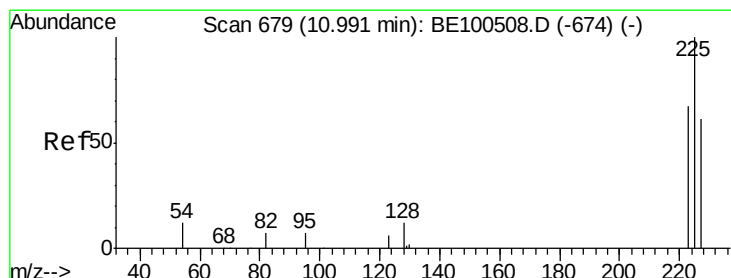
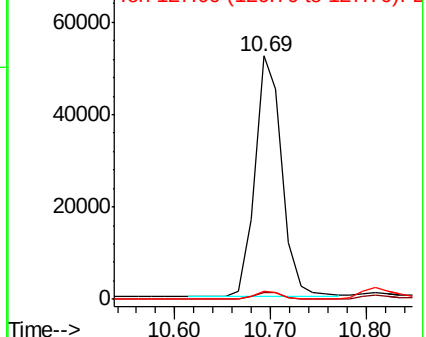
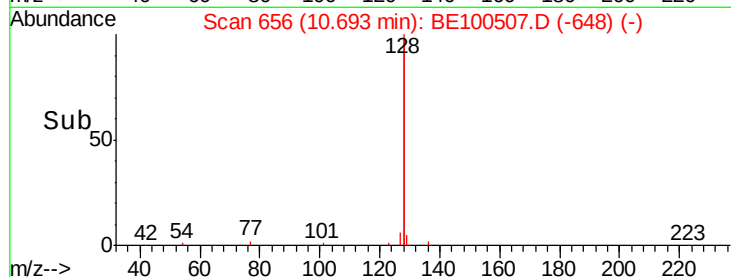
127 3.4 2.6 4.0



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: 0.149 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

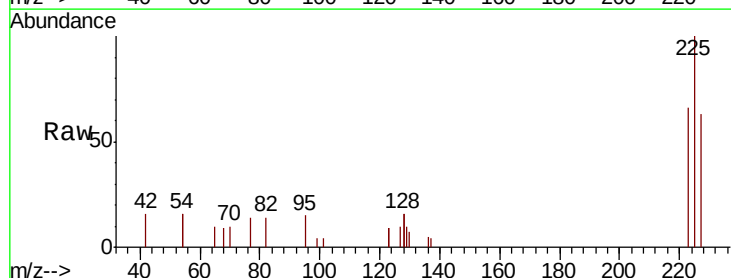
Tgt Ion:225 Resp: 3188

Ion Ratio Lower Upper

225 100

223 64.4 51.0 76.6

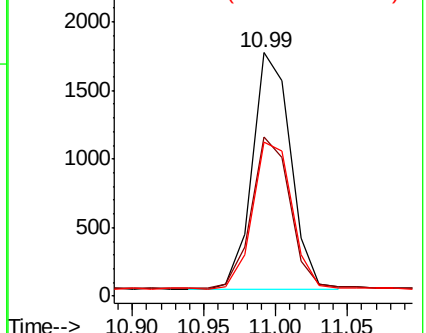
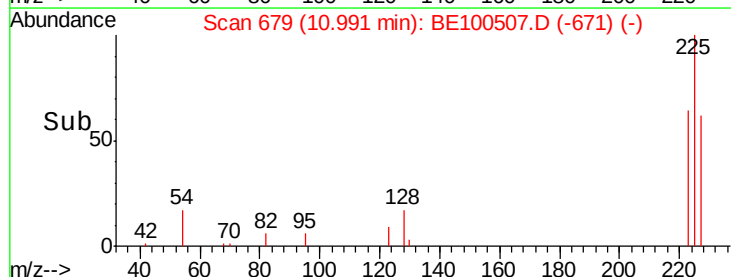
227 64.0 51.6 77.4

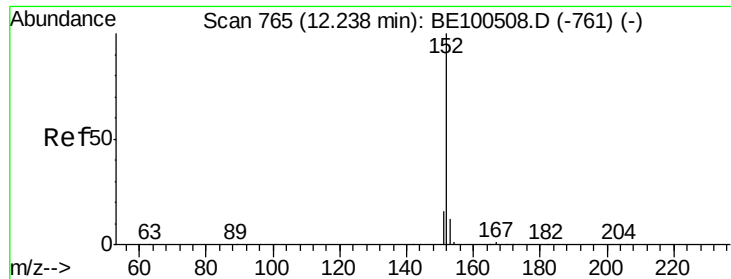


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

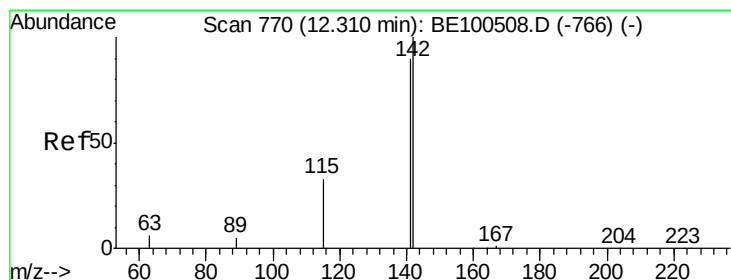
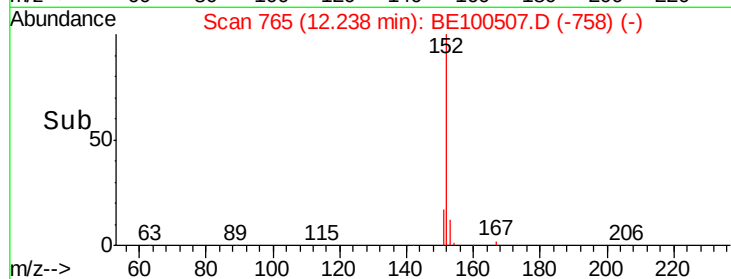
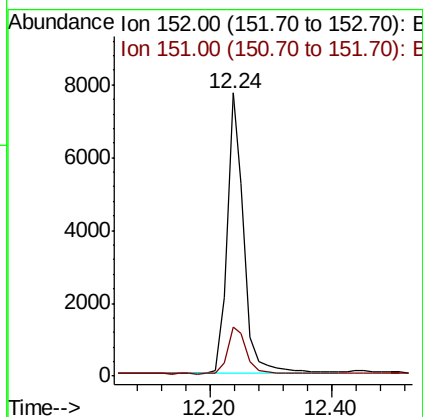
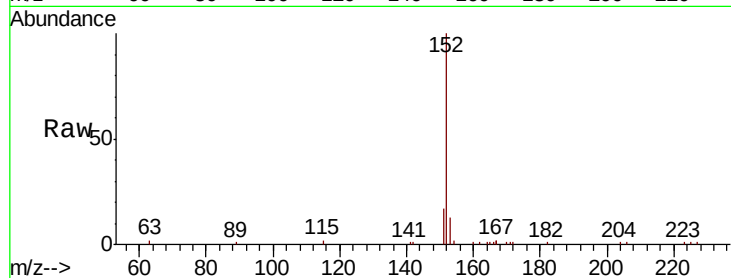




#11
 2-Methylnaphthalene-d10
 Concen: 0.192 ng
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100507.D
 Acq: 18 Sep 2019 15:07

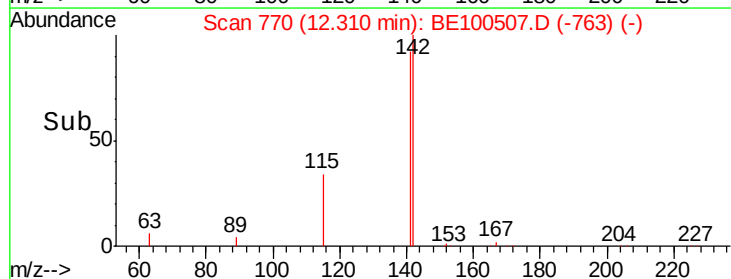
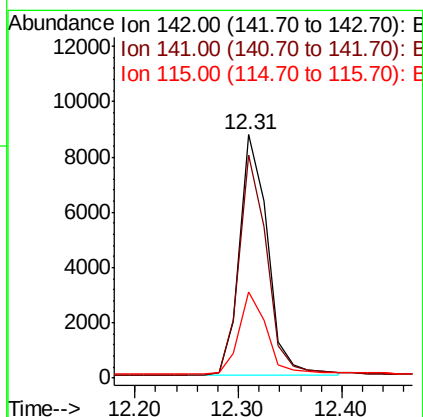
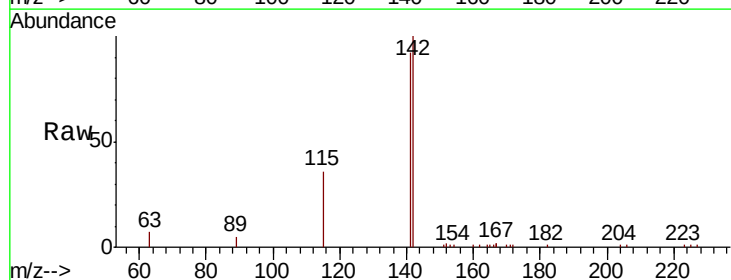
Instrument :
 BNA_N
 ClientSampleId :

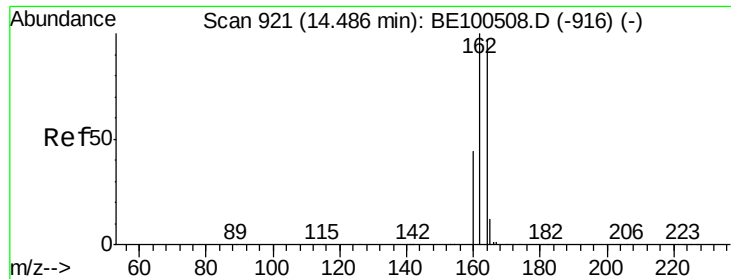
Tot Ion:152 Resp: 14807
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.206 ng
 RT: 12.31 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE100507.D
 Acq: 18 Sep 2019 15:07

Tgt Ion:142 Resp: 16557
 Ion Ratio Lower Upper
 142 100
 141 91.7 72.1 108.1
 115 35.6 27.4 41.2

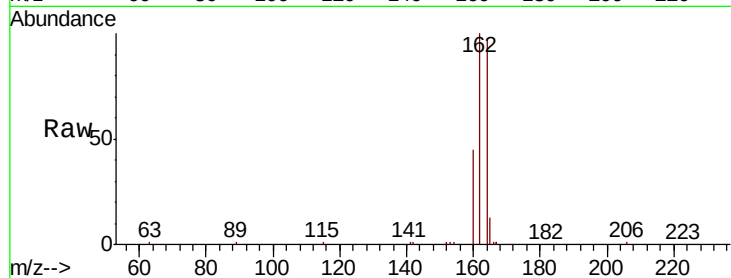




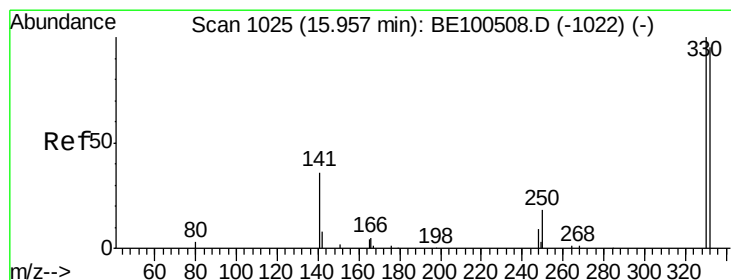
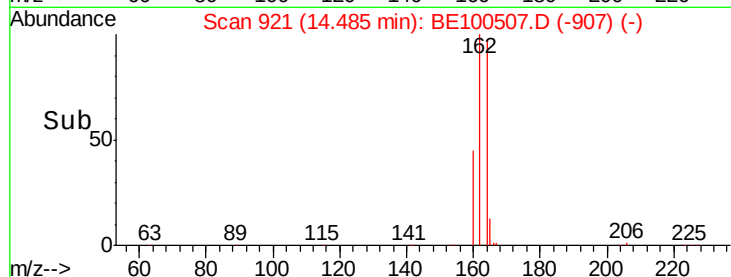
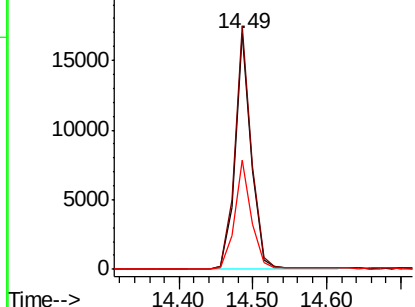
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE100507.D
 Acq: 18 Sep 2019 15:07

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:164 Resp: 25473
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 46.5 36.8 55.2

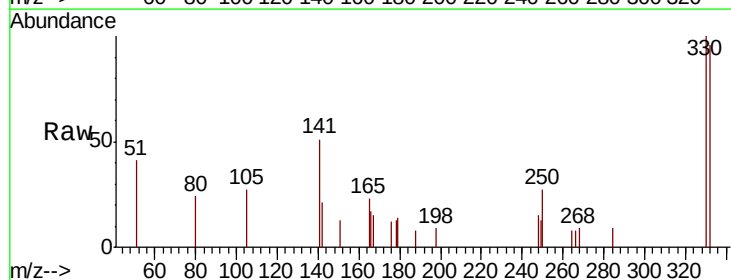


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

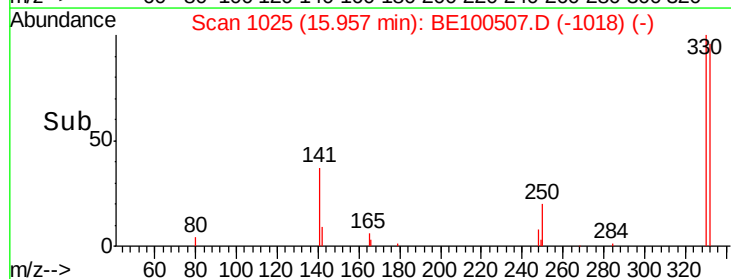
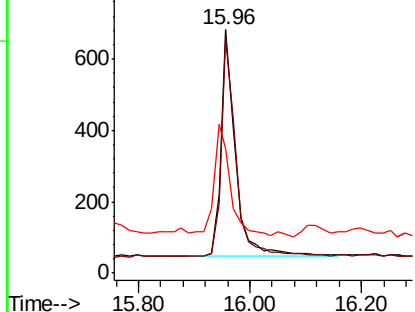


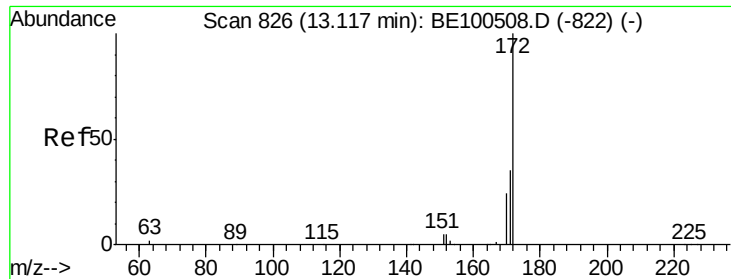
#14
 2,4,6-Tribromophenol
 Concen: 0.107 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BE100507.D
 Acq: 18 Sep 2019 15:07

Tgt Ion:330 Resp: 1177
 Ion Ratio Lower Upper
 330 100
 332 96.0 80.2 120.2
 141 54.2 43.7 65.5



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

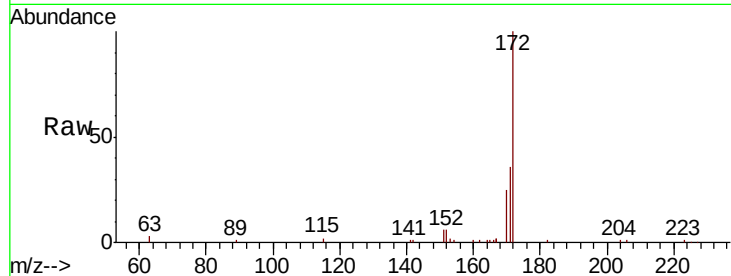




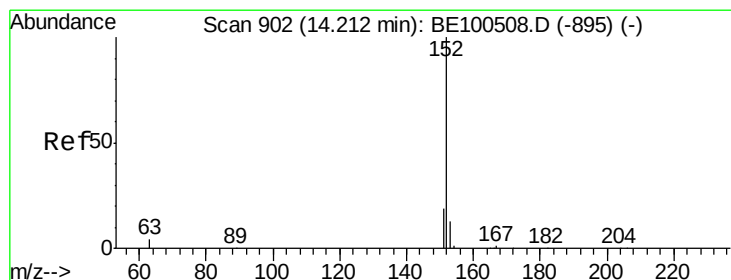
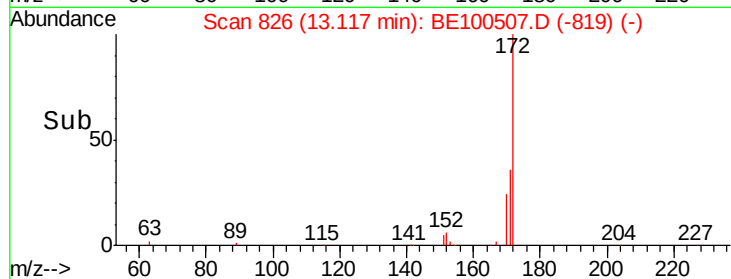
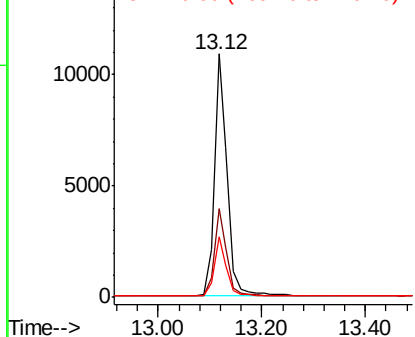
#15
2-Fluorobiphenyl
Concen: 0.184 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:172 Resp: 19071
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.8 19.2 28.8

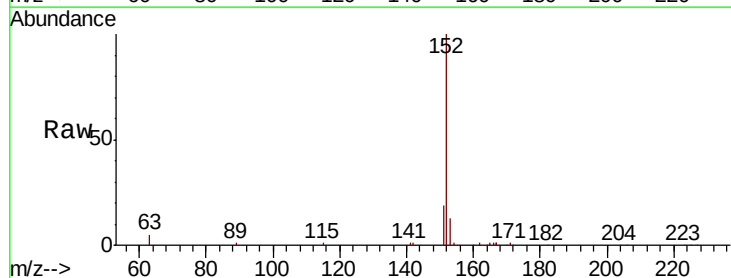


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

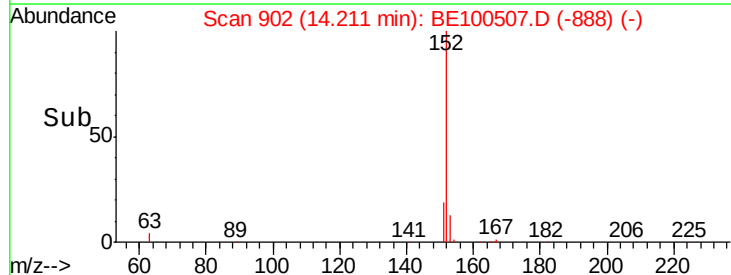
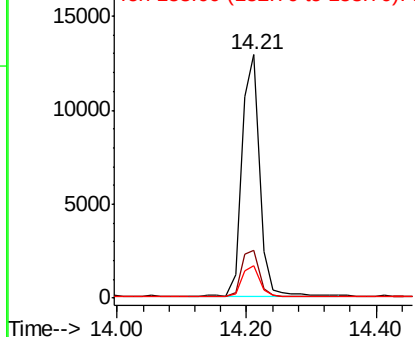


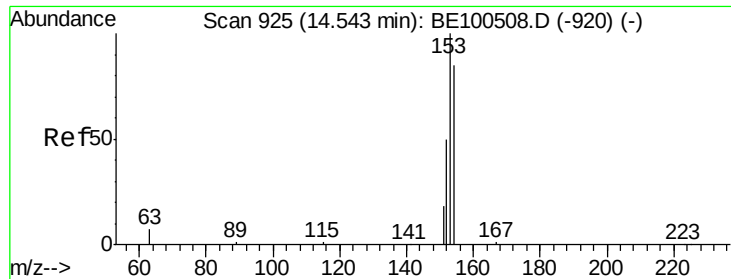
#16
Acenaphthylene
Concen: 0.207 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:152 Resp: 24433
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.2 15.2



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

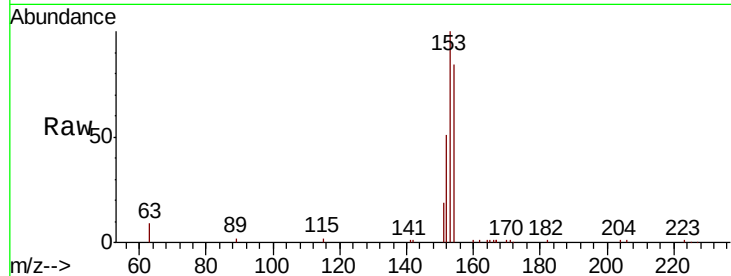




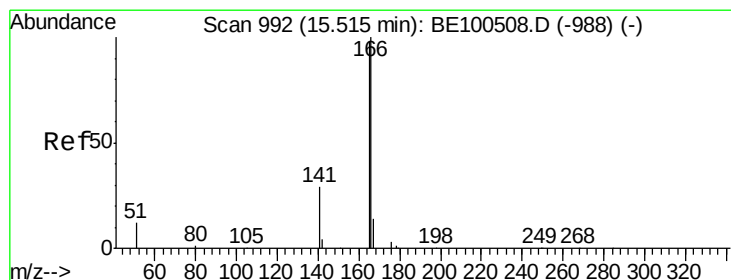
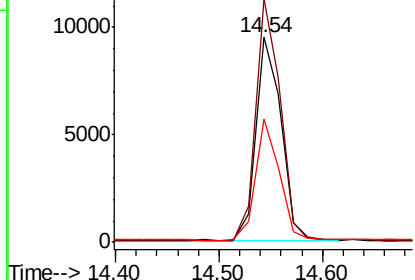
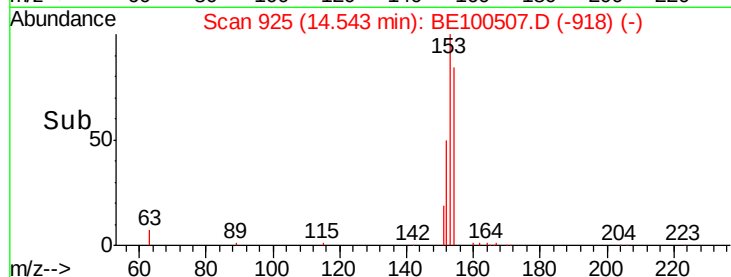
#17
Acenaphthene
Concen: 0.226 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampled :

Tot Ion:154 Resp: 16045
Ion Ratio Lower Upper
154 100
153 116.4 91.5 137.3
152 57.0 44.9 67.3

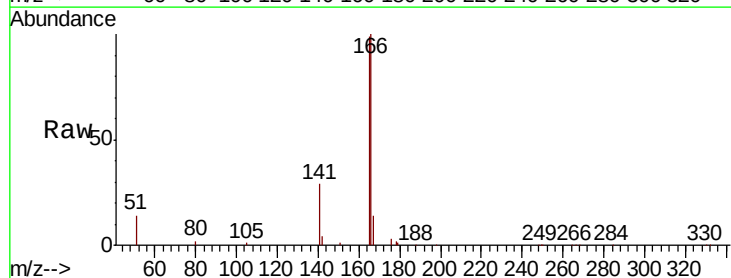


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

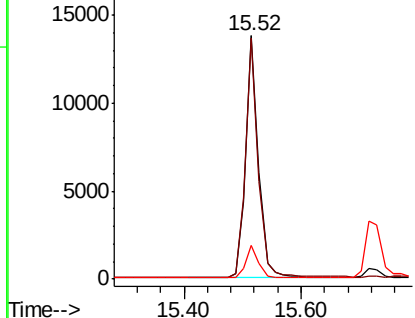
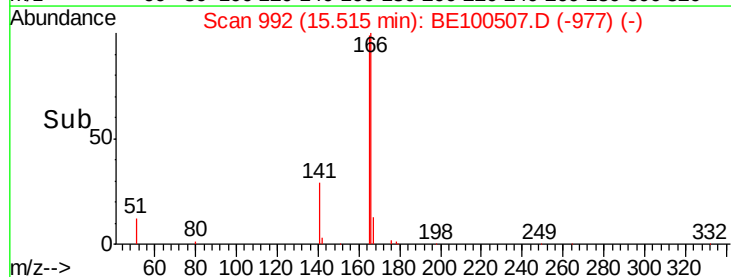


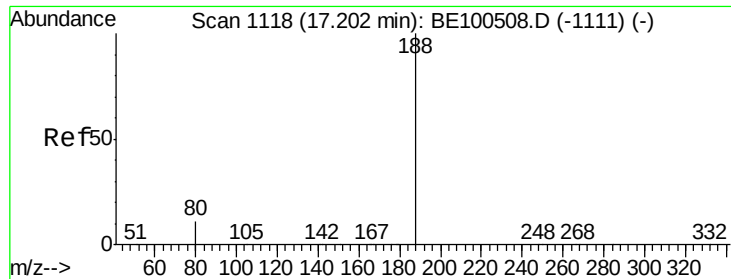
#18
Fluorene
Concen: 0.221 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:166 Resp: 20922
Ion Ratio Lower Upper
166 100
165 98.0 78.9 118.3
167 13.3 10.9 16.3



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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

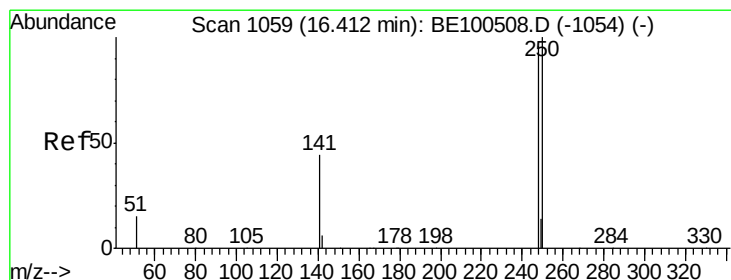
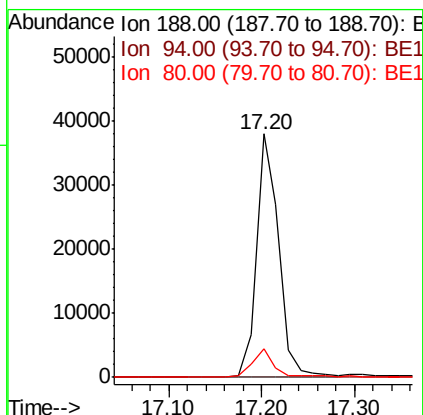
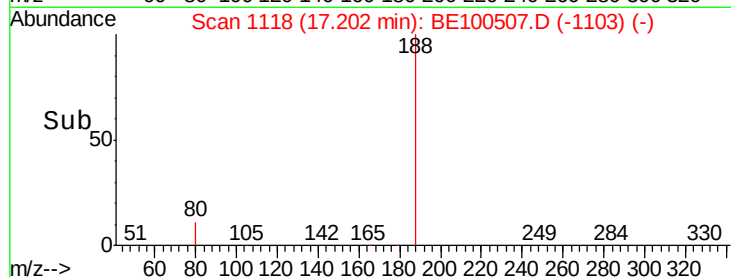
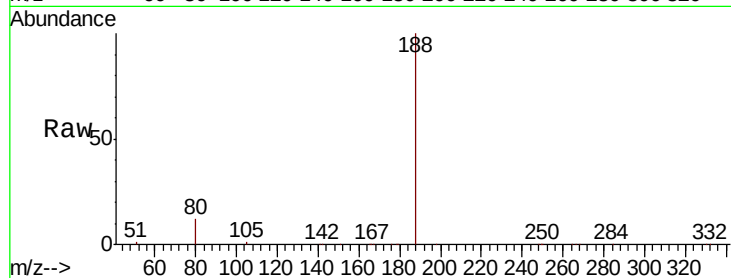
Tot Ion:188 Resp: 62803

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 9.0 13.6



#20

4-Bromophenyl-phenylether

Concen: 0.198 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

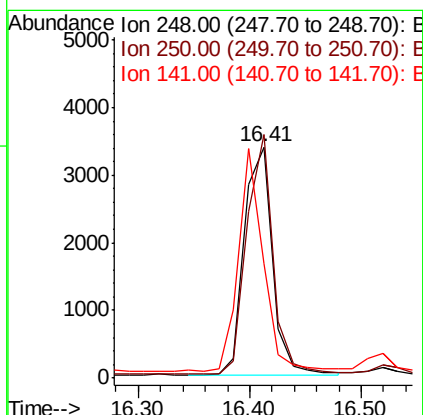
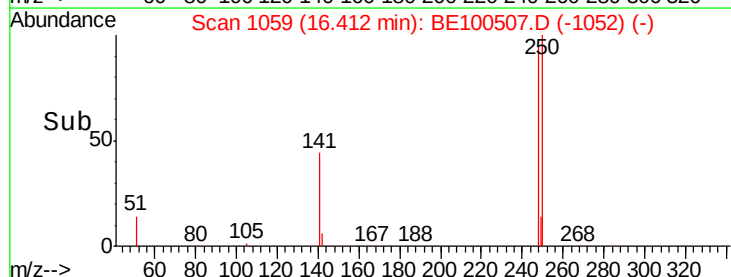
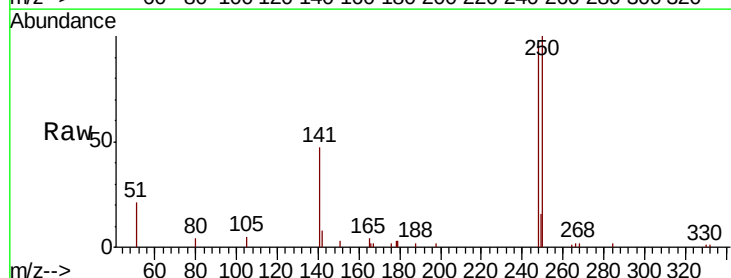
Tgt Ion:248 Resp: 5927

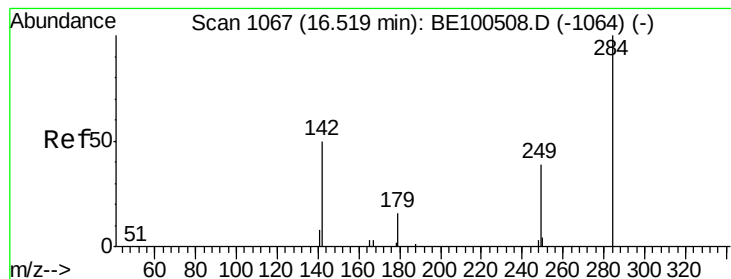
Ion Ratio Lower Upper

248 100

250 105.4 83.0 124.4

141 49.3 38.0 57.0





#21

Hexachlorobenzene

Concen: 0.161 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampled :

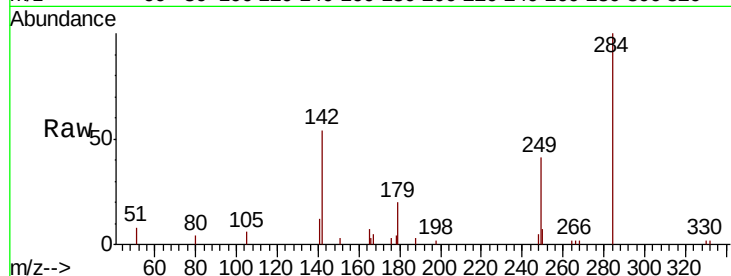
Tot Ion:284 Resp: 4960

Ion Ratio Lower Upper

284 100

142 48.6 38.2 57.4

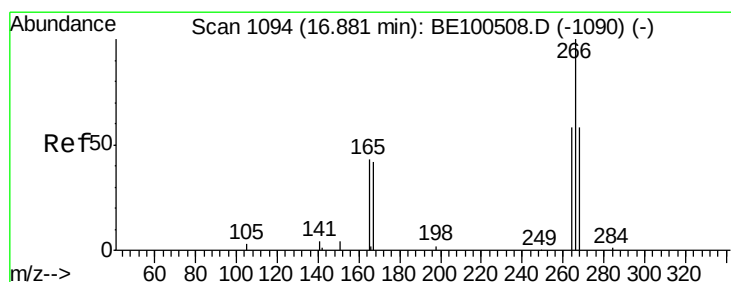
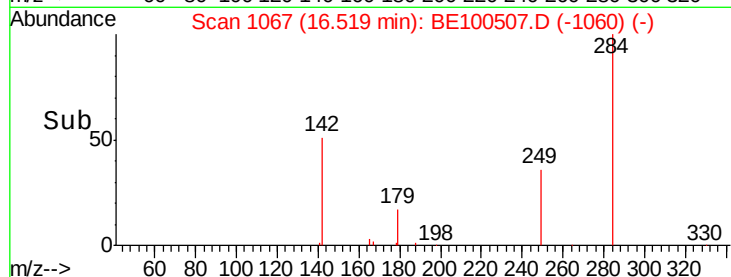
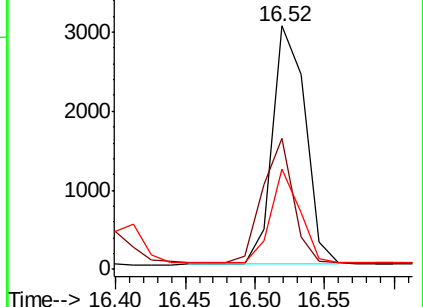
249 35.0 28.8 43.2



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: 0.082 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

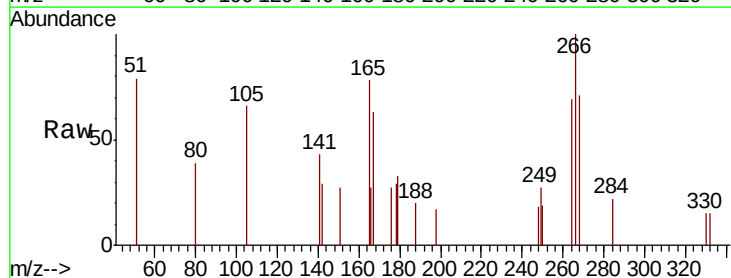
Tgt Ion:266 Resp: 1066

Ion Ratio Lower Upper

266 100

264 69.1 48.6 73.0

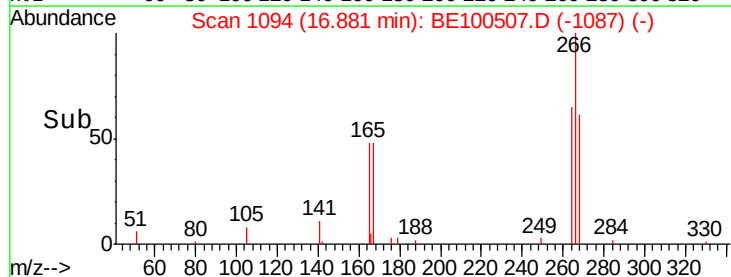
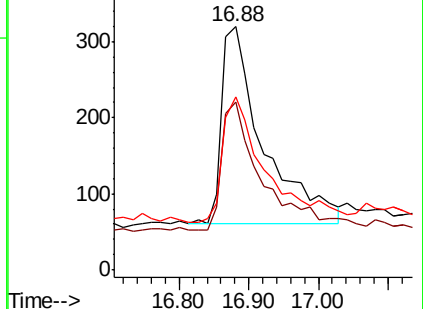
268 70.9 52.3 78.5

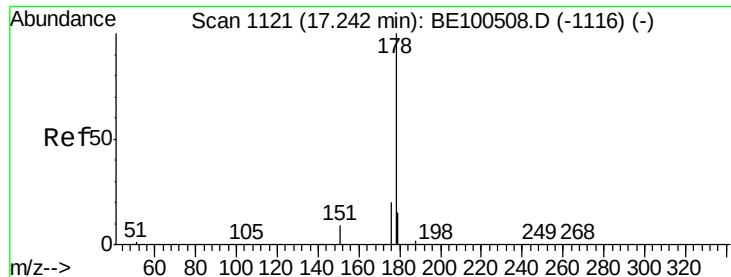


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

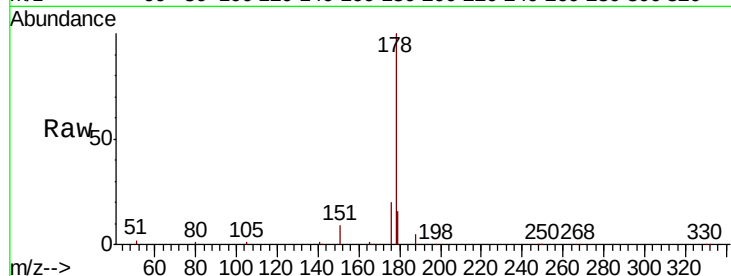




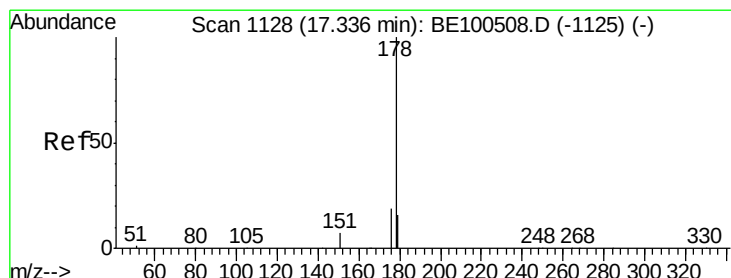
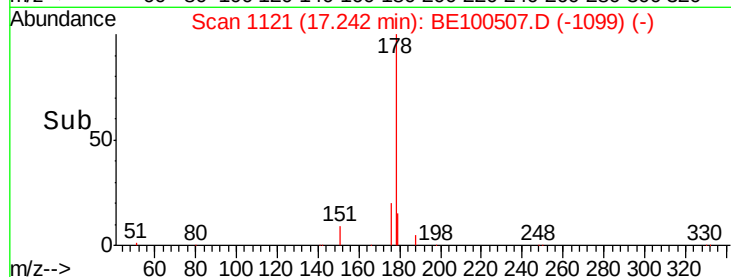
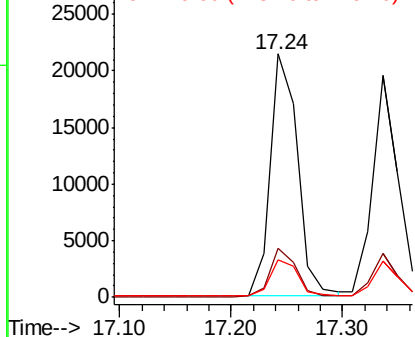
#23
Phenanthrene
Concen: 0.240 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:178 Resp: 36864
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.4 18.6

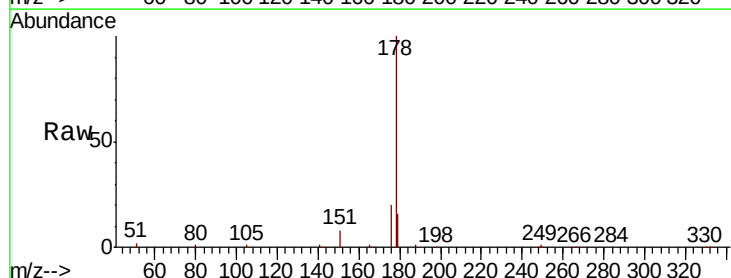


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

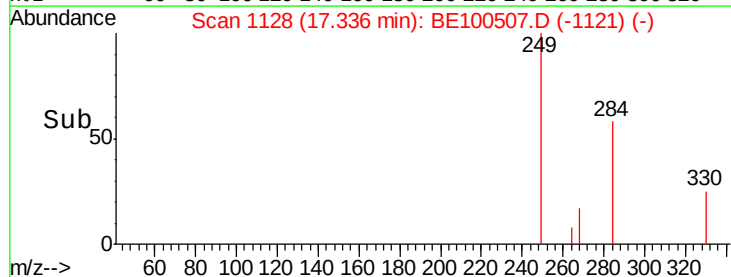
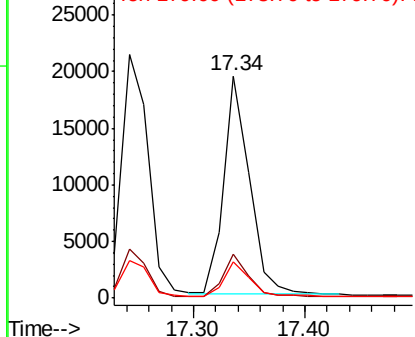


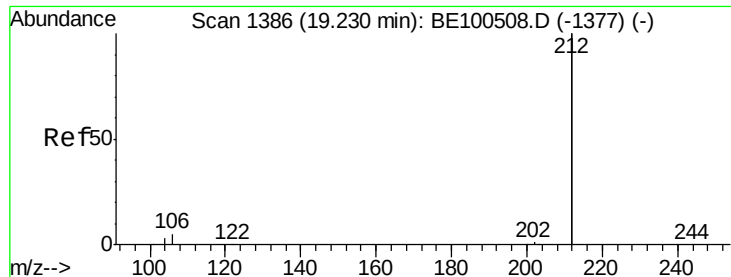
#24
Anthracene
Concen: 0.213 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:178 Resp: 31155
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.4 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





#25

Fluoranthene-d10

Concen: 0.184 ng

RT: 19.23 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

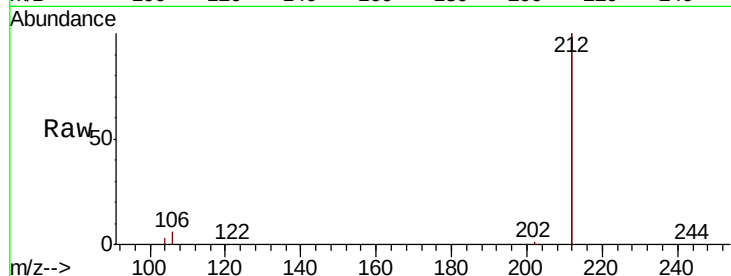
Tot Ion:212 Resp: 158619

Ion Ratio Lower Upper

212 100

106 3.0 2.4 3.6

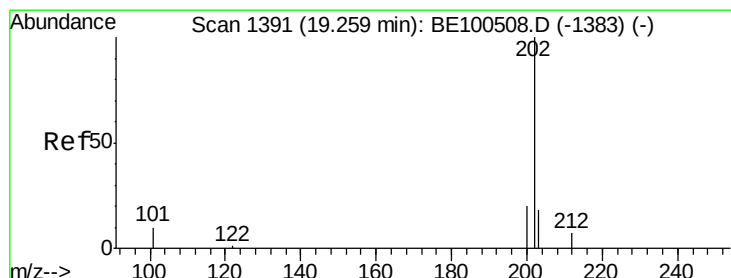
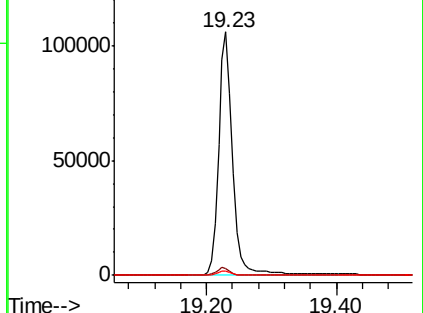
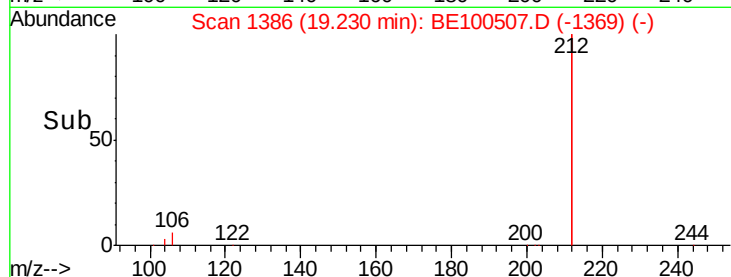
104 1.7 1.4 2.0



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: 0.207 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

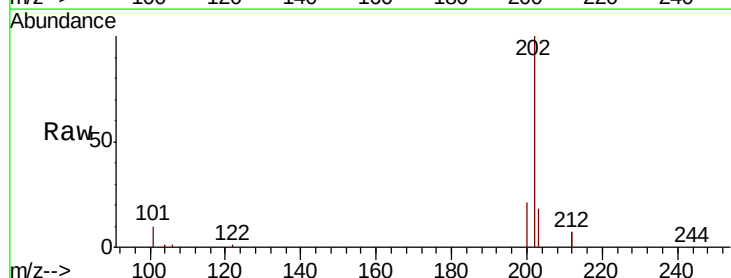
Tgt Ion:202 Resp: 45876

Ion Ratio Lower Upper

202 100

101 10.5 8.8 13.2

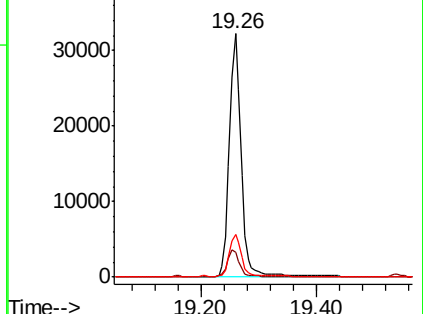
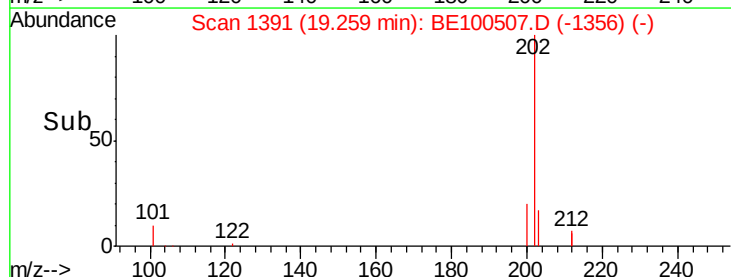
203 16.8 13.8 20.8

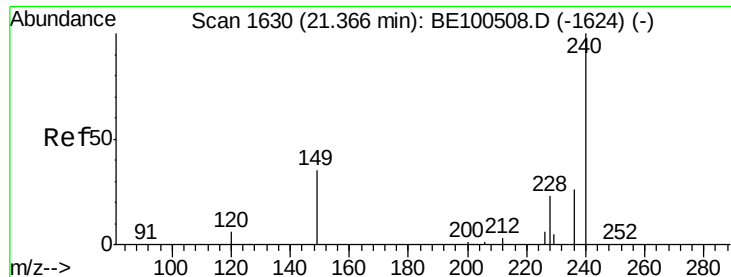


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

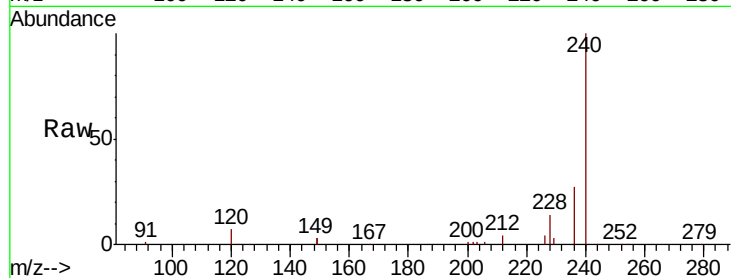




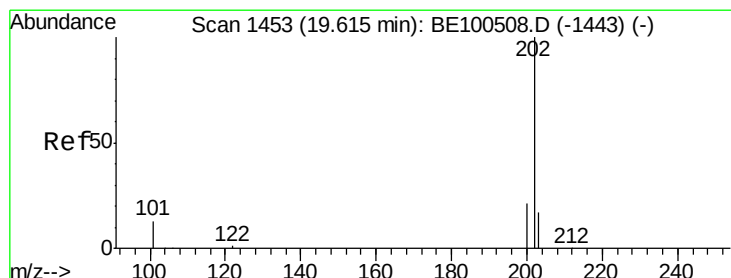
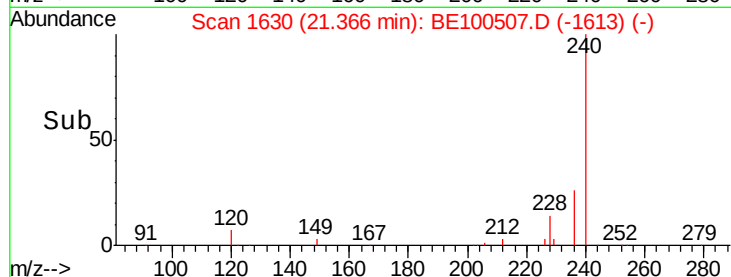
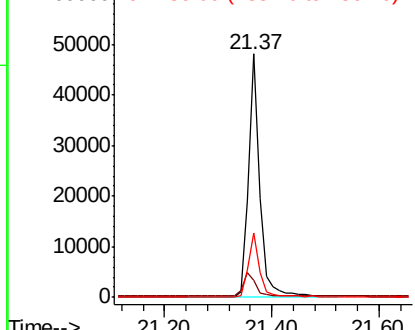
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE100507.D
 Acq: 18 Sep 2019 15:07

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:240 Resp: 71730
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.1 7.7
 236 26.5 20.9 31.3

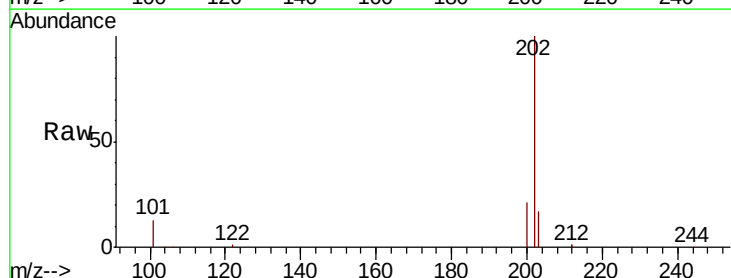


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

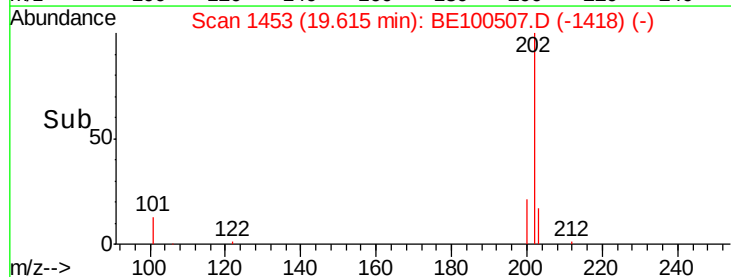
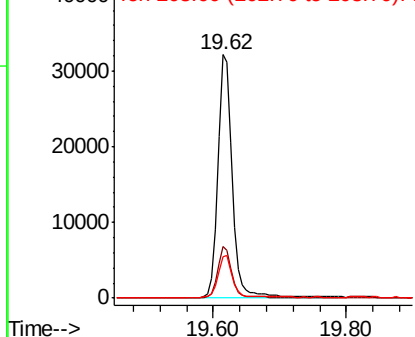


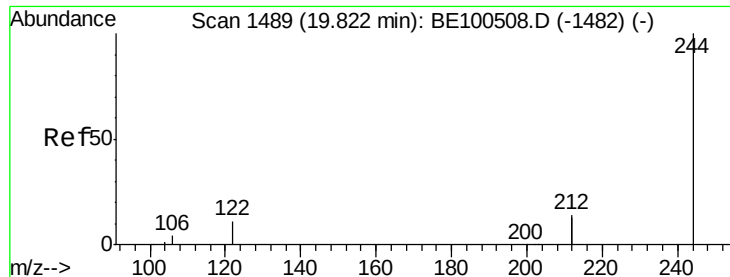
#28
 Pyrene
 Concen: 0.212 ng
 RT: 19.62 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BE100507.D
 Acq: 18 Sep 2019 15:07

Tgt Ion:202 Resp: 47342
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 25.0
 203 17.5 13.9 20.9



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: 0.202 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

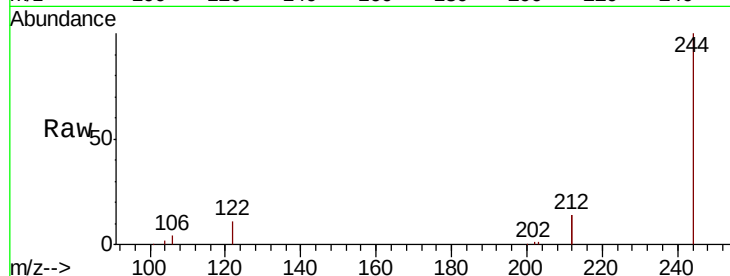
Tot Ion:244 Resp: 35785

Ion Ratio Lower Upper

244 100

212 28.9 22.8 34.2

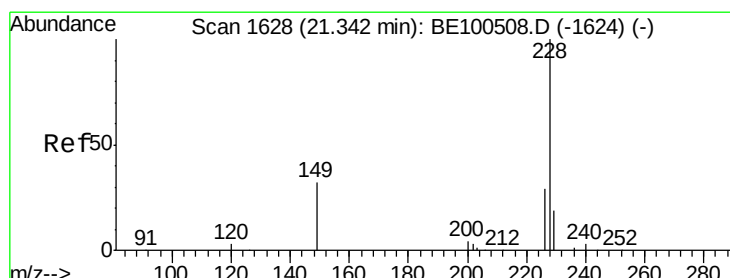
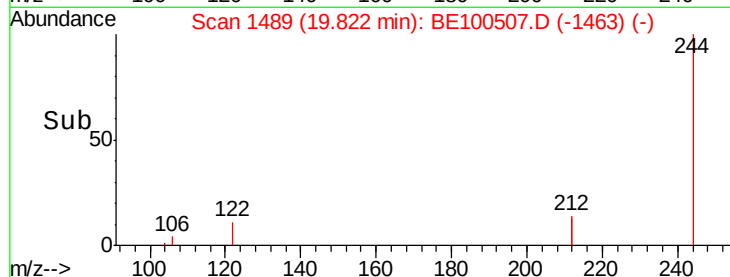
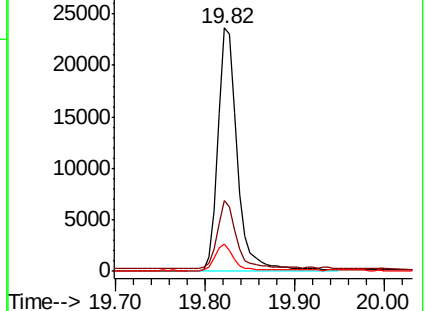
122 11.4 9.0 13.4



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: 0.205 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

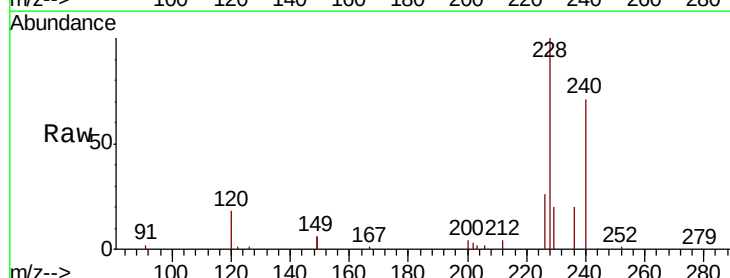
Tgt Ion:228 Resp: 44973

Ion Ratio Lower Upper

228 100

226 25.6 23.1 34.7

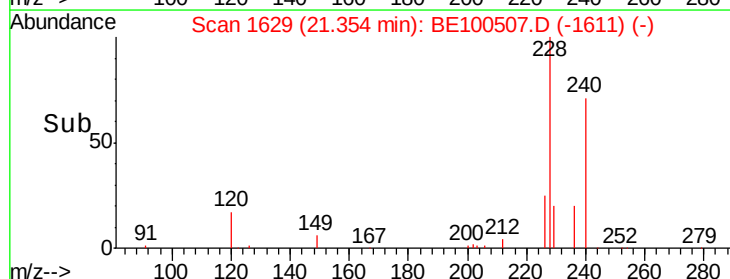
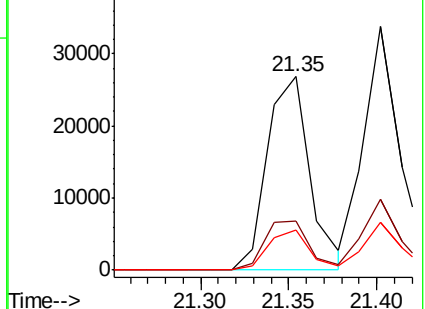
229 20.4 15.3 22.9

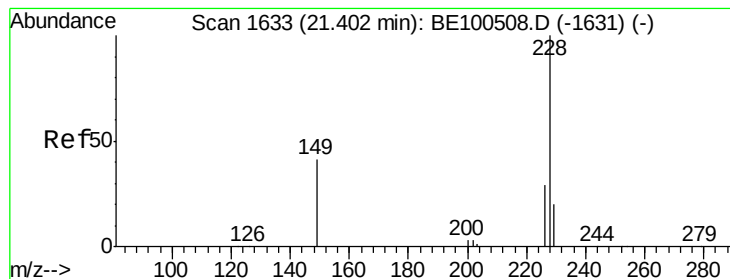


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrvsene

Concen: 0.219 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

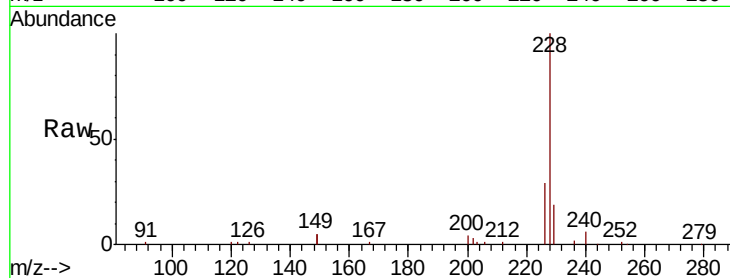
Tot Ion:228 Resp: 47359

Ion Ratio Lower Upper

228 100

226 29.3 23.1 34.7

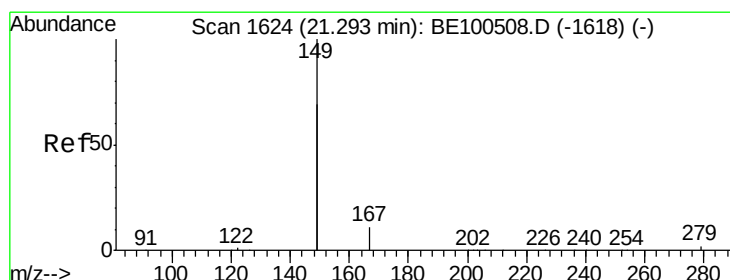
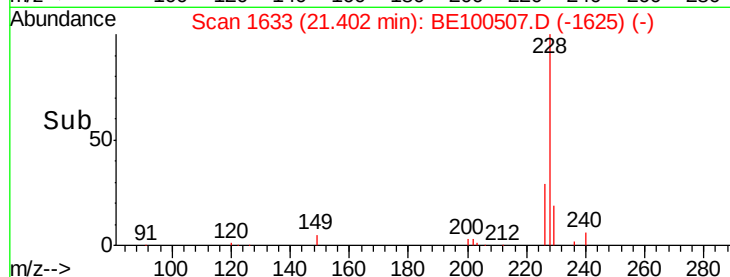
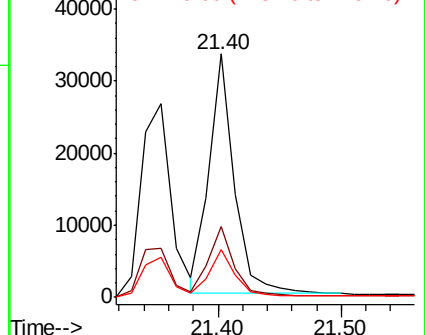
229 19.5 15.8 23.8



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: 0.131 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

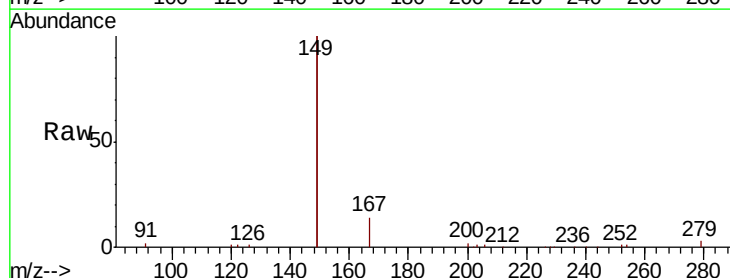
Tgt Ion:149 Resp: 65949

Ion Ratio Lower Upper

149 100

167 6.3 3.5 5.3#

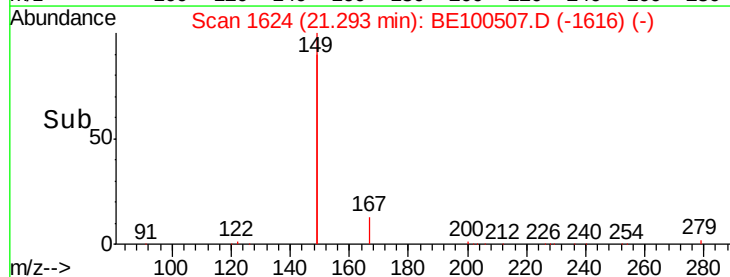
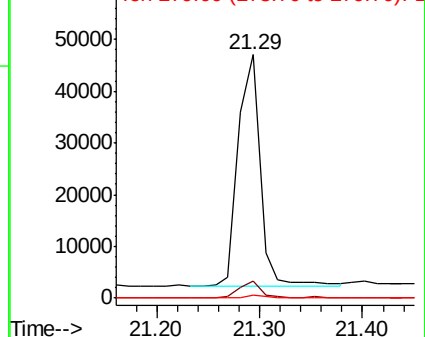
279 1.2 0.6 0.8#

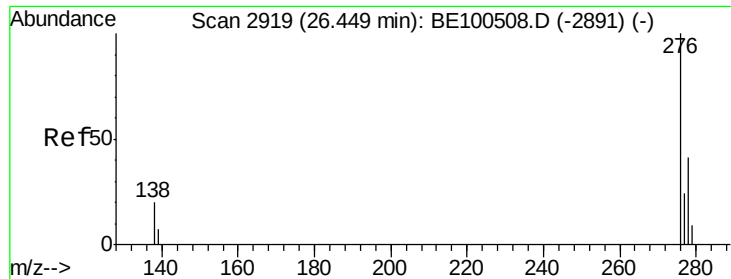


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

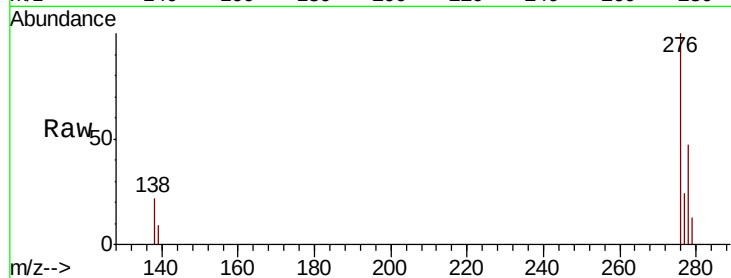




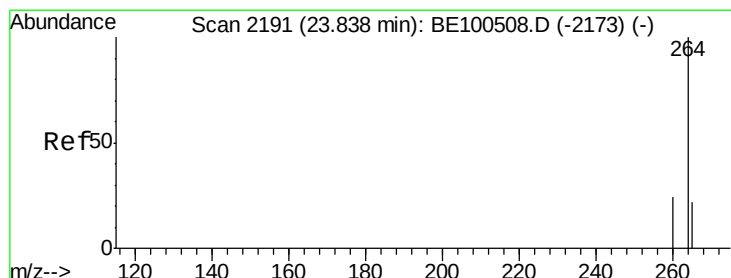
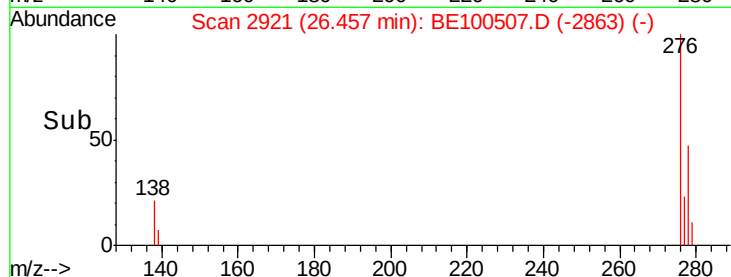
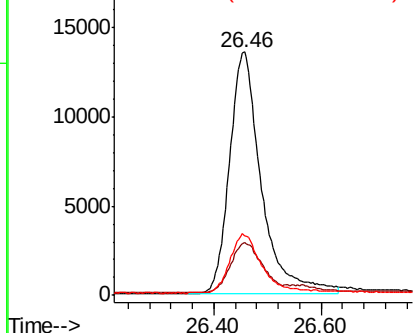
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.238 ng
RT: 26.46 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 56040
Ion Ratio Lower Upper
276 100
138 20.6 17.8 26.8
277 24.5 19.0 28.6

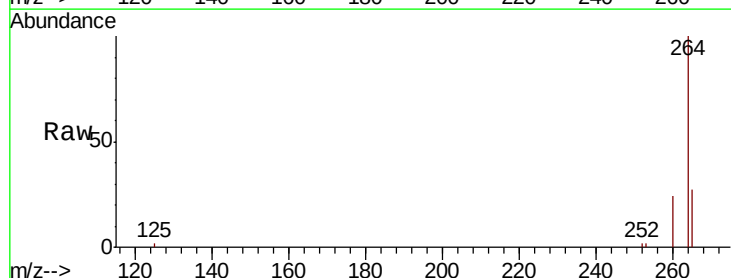


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

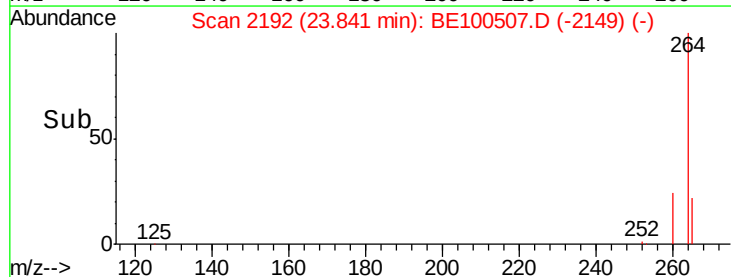
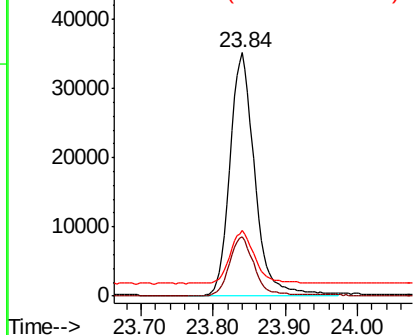


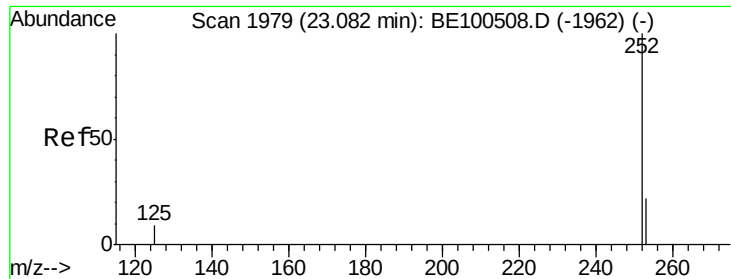
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.84 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BE100507.D
Acq: 18 Sep 2019 15:07

Tgt Ion:264 Resp: 81884
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 26.8 23.0 34.4



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: 0.207 ng

RT: 23.08 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

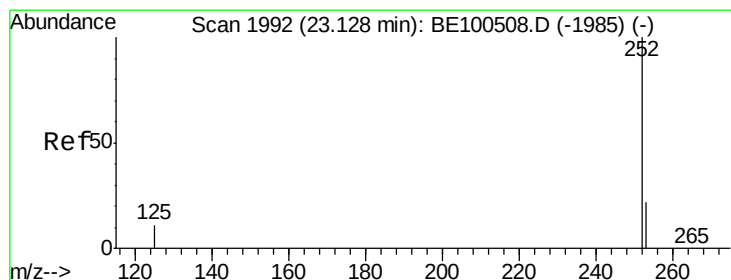
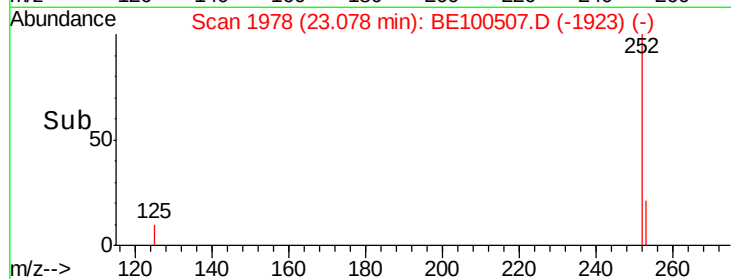
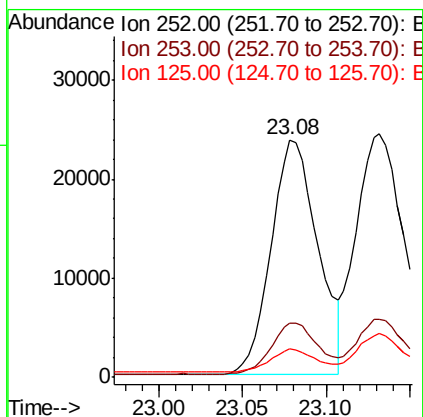
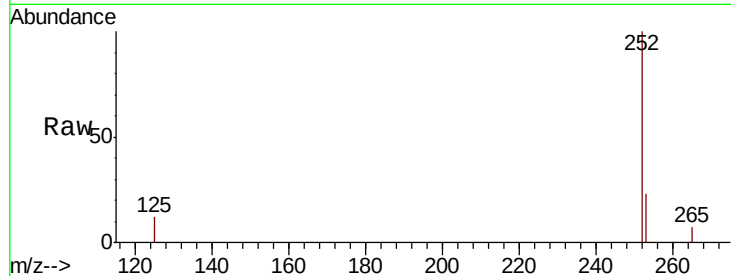
Tot Ion:252 Resp: 46437

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

125 12.0 8.6 13.0



#36

Benzo(k)fluoranthene

Concen: 0.198 ng

RT: 23.08 min Scan# 1978

Delta R.T. -0.05 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

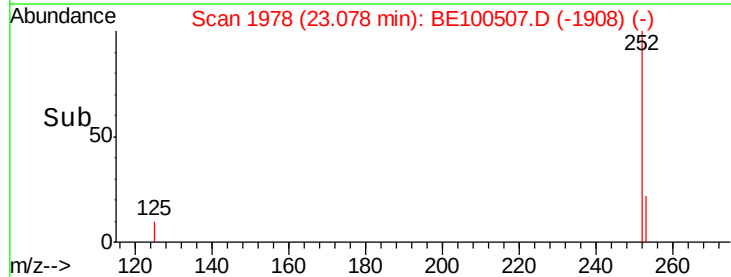
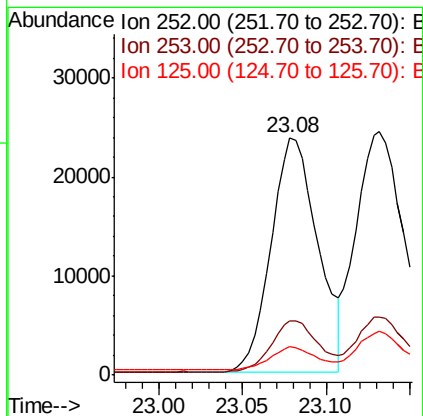
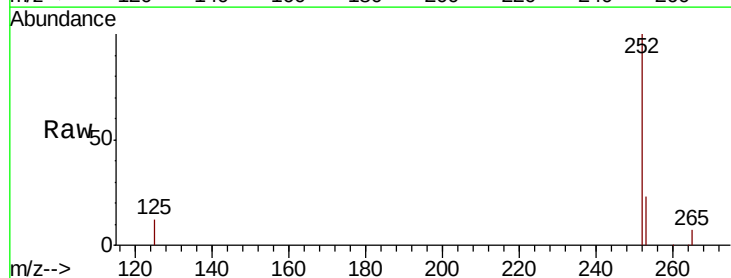
Tgt Ion:252 Resp: 46437

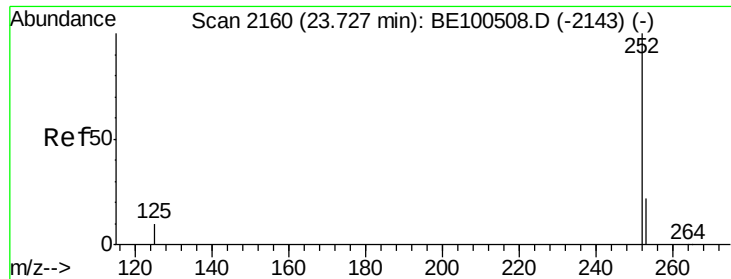
Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 12.0 9.3 13.9





#37

Benzo(a)pyrene

Concen: 0.208 ng

RT: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :

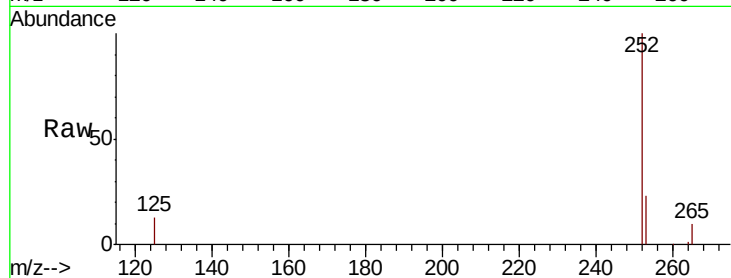
Tot Ion:252 Resp: 45366

Ion Ratio Lower Upper

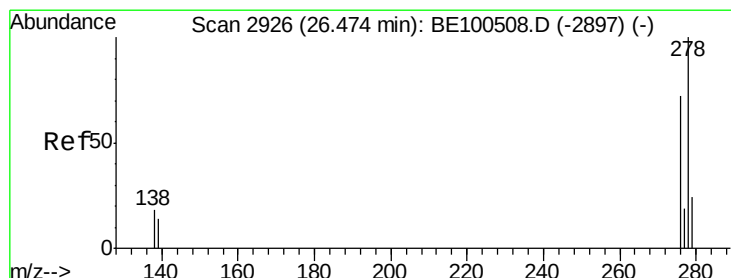
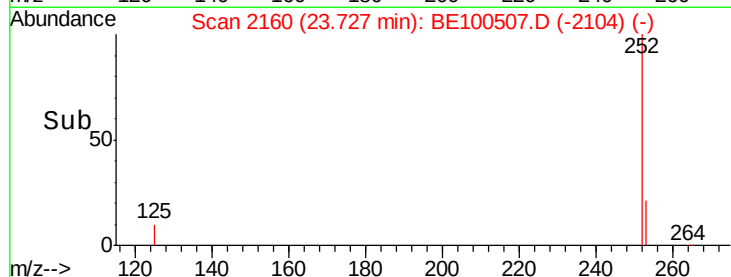
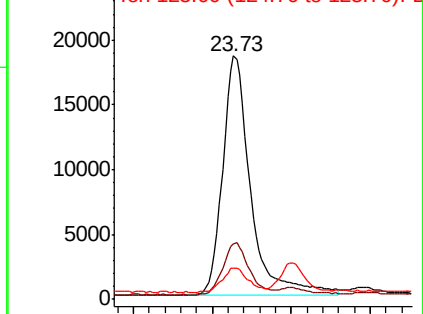
252 100

253 22.8 18.0 27.0

125 12.9 9.7 14.5



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



#38

Dibenzo(a,h)anthracene

Concen: 0.218 ng

RT: 26.47 min Scan# 2926

Delta R.T. 0.00 min

Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

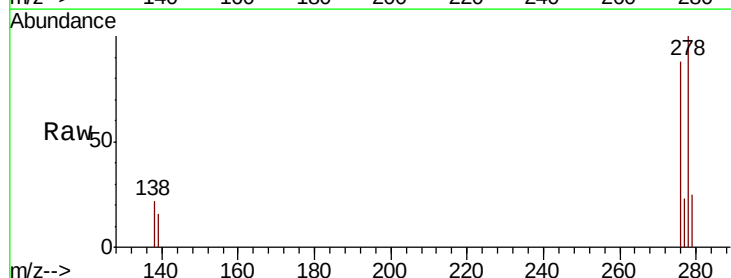
Tgt Ion:278 Resp: 44827

Ion Ratio Lower Upper

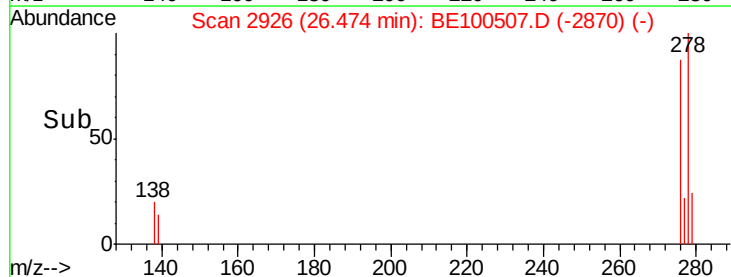
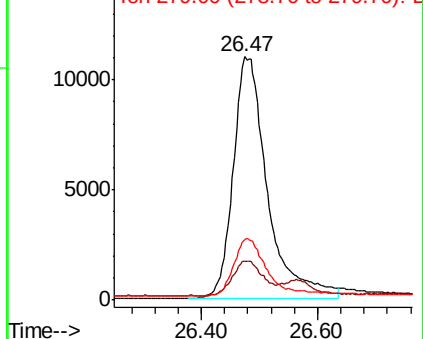
278 100

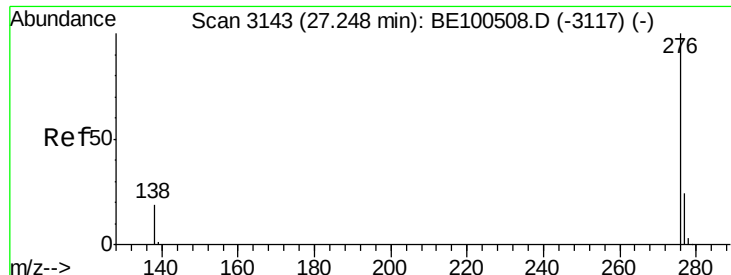
139 16.0 12.1 18.1

279 25.1 19.8 29.6



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: 0.228 ng

RT: 27.25 min Scan# 3144

Delta R.T. 0.00 min

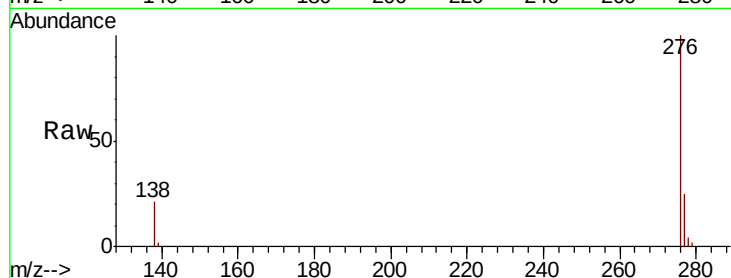
Lab File: BE100507.D

Acq: 18 Sep 2019 15:07

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 48135

Ion Ratio Lower Upper

276 100

277 24.7 19.6 29.4

138 21.0 16.0 24.0

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

