

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
 Data File : BE100417.D
 Acq On : 12 Jul 2019 12:22
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 12 16:39:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 16:31:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3974	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	16021	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	9644	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	25482	0.40	ng	0.00
27) Chrysene-d12	21.40	240	36381	0.40	ng	0.00
34) Perylene-d12	23.90	264	43328	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	2404	0.28	ng	0.00
5) Phenol-d6	7.05	99	3415	0.39	ng	0.00
8) Nitrobenzene-d5	9.03	82	1745	0.09	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	5253	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	712	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7074	0.17	ng	0.00
25) Fluoranthene-d10	19.26	212	74781	0.18	ng	0.00
29) Terphenyl-d14	19.86	244	15266	0.23	ng	0.00

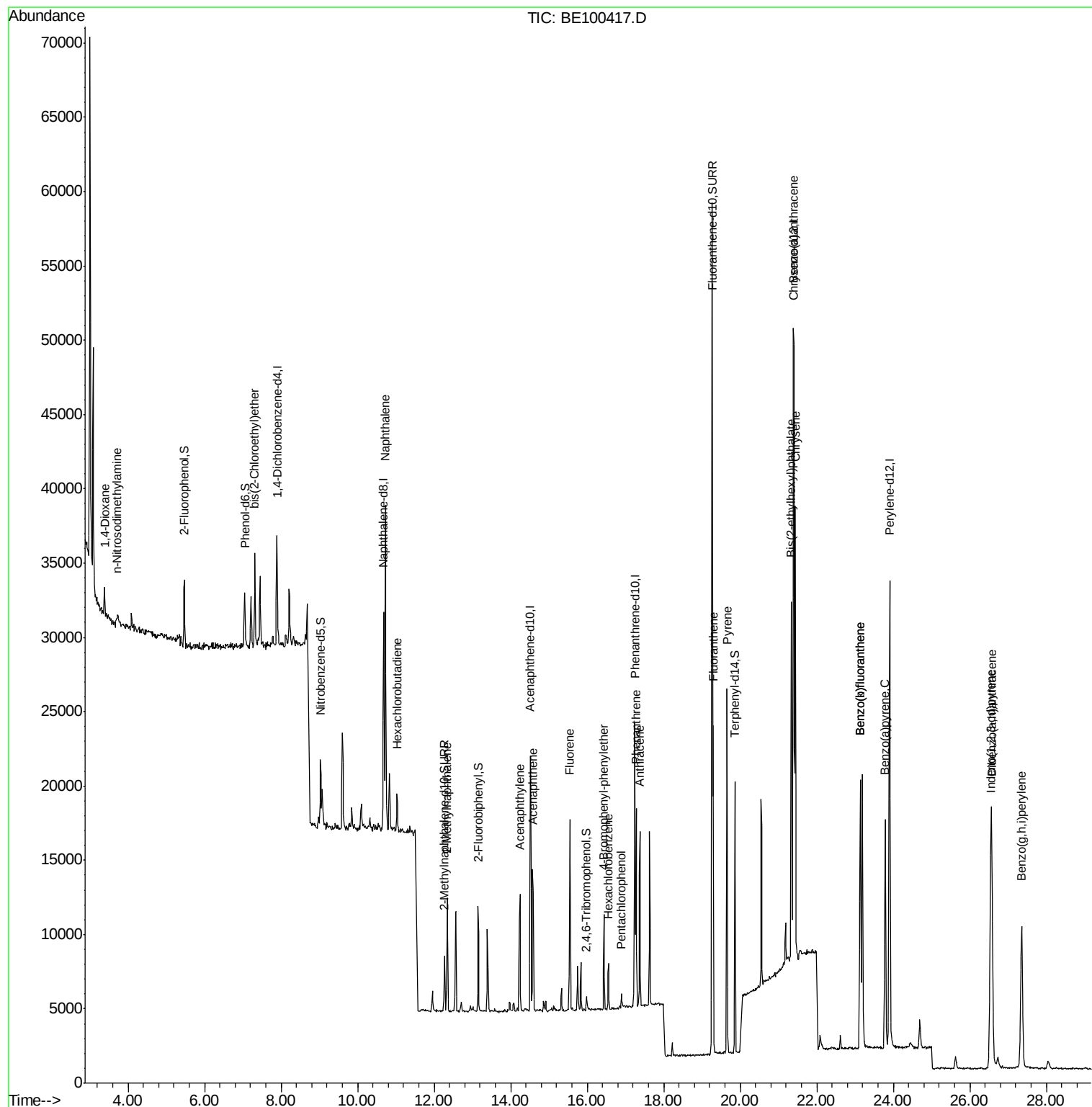
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1655	0.209	ng	# 100
3) n-Nitrosodimethylamine	3.72	42	520	0.160	ng	# 80
6) bis(2-Chloroethyl)ether	7.31	93	2671	0.401	ng	# 1
9) Naphthalene	10.73	128	33730	0.197	ng	# 97
10) Hexachlorobutadiene	11.03	225	1665	0.069	ng	93
12) 2-Methylnaphthalene	12.34	142	5889	0.240	ng	96
16) Acenaphthylene	14.24	152	9847	0.214	ng	100
17) Acenaphthene	14.57	154	5655	0.216	ng	99
18) Fluorene	15.54	166	7814	0.179	ng	97
20) 4-Bromophenyl-phenylether	16.44	248	2837	0.183	ng	94
21) Hexachlorobenzene	16.56	284	2879	0.139	ng	99
22) Pentachlorophenol	16.89	266	692	0.268	ng	# 84
23) Phenanthrene	17.28	178	13712	0.226	ng	100
24) Anthracene	17.38	178	13499	0.273	ng	100
26) Fluoranthene	19.29	202	20122	0.177	ng	100
28) Pyrene	19.65	202	21480	0.258	ng	100
30) Benzo(a)anthracene	21.39	228	25489	0.248	ng	100
31) Chrysene	21.44	228	24401	0.208	ng	100
32) Bis(2-ethylhexyl)phthalate	21.33	149	35242	0.398	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	29892	0.182	ng	# 100
35) Benzo(b)fluoranthene	23.13	252	26185	0.226	ng	96
36) Benzo(k)fluoranthene	23.13	252	26185	0.183	ng	97
37) Benzo(a)pyrene	23.79	252	24828	0.204	ng	# 97
38) Dibenzo(a,h)anthracene	26.58	278	24364	0.203	ng	97
39) Benzo(g,h,i)perylene	27.36	276	24392	0.171	ng	98

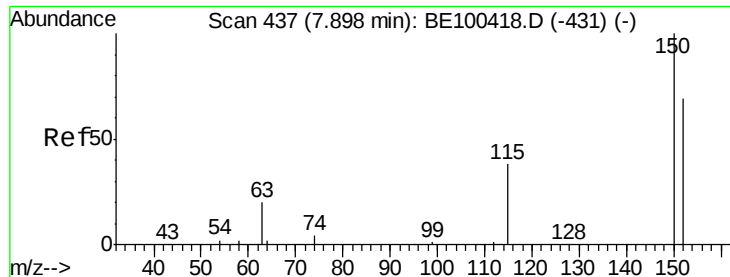
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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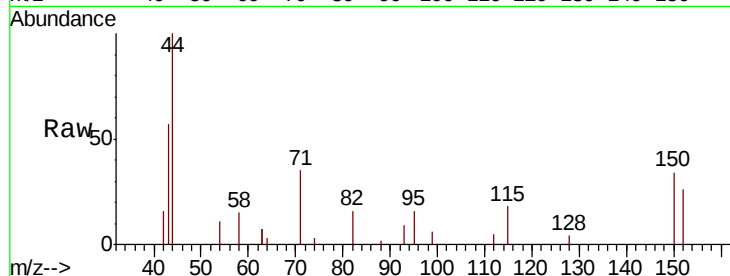


#1

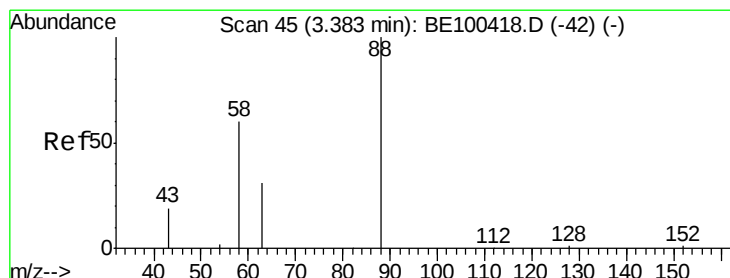
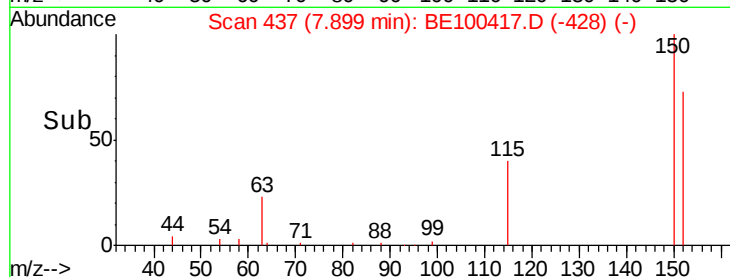
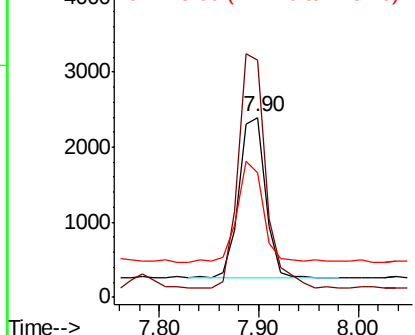
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3974
Ion Ratio Lower Upper
152 100
150 131.3 108.8 163.2
115 68.9 54.2 81.2



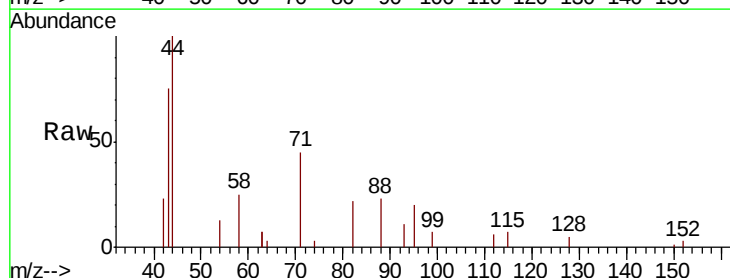
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



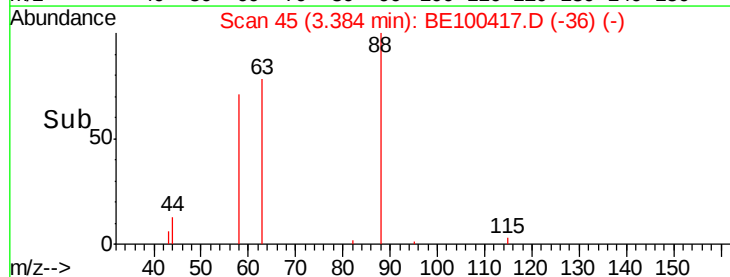
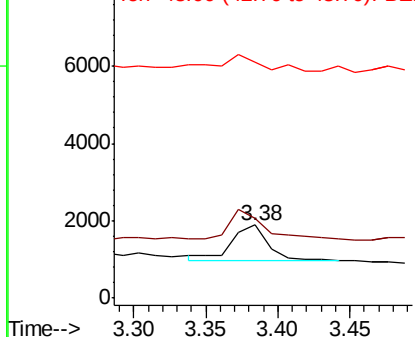
#2

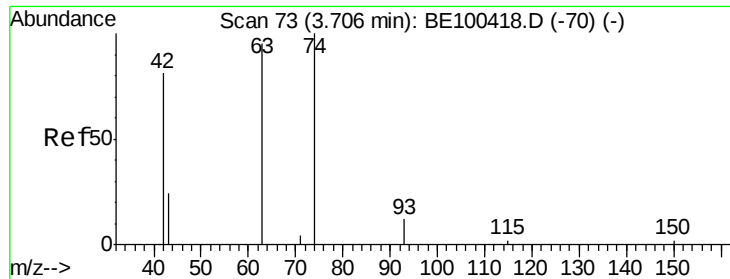
1,4-Dioxane
Concen: 0.209 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion: 88 Resp: 1655
Ion Ratio Lower Upper
88 100
58 71.1 0.0 0.0#
43 55.5 0.0 0.0#



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: 0.160 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.01 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampled :

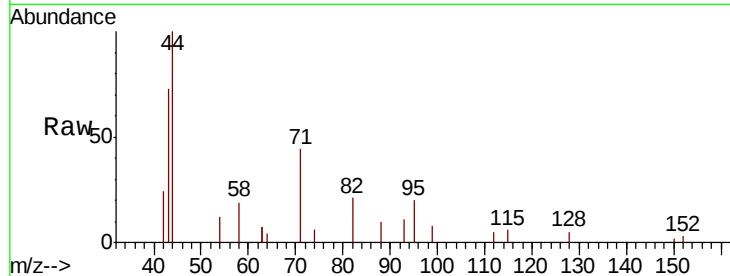
Tot Ion: 42 Resp: 520

Ion Ratio Lower Upper

42 100

74 161.0 112.3 168.5

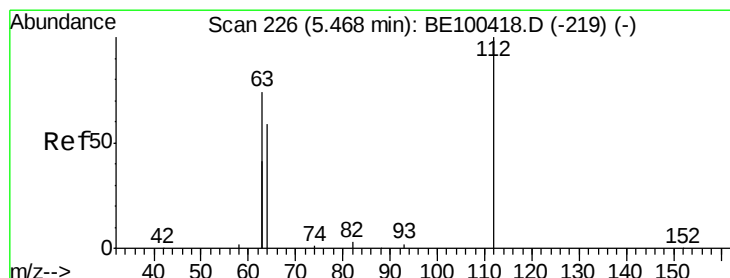
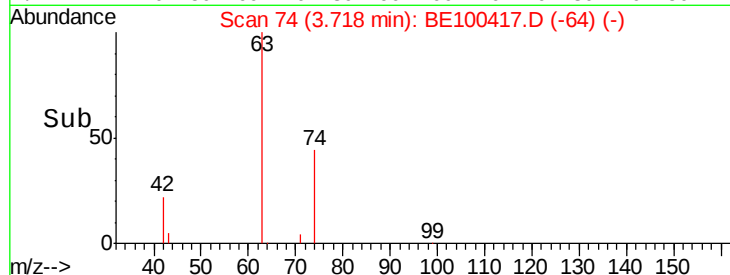
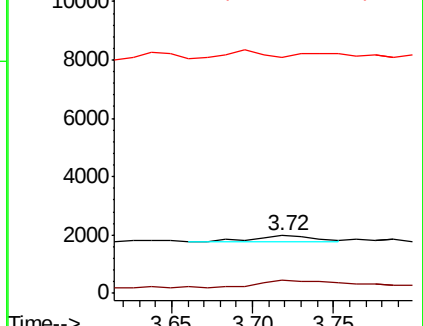
44 0.0 15.0 22.4#



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: 0.276 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

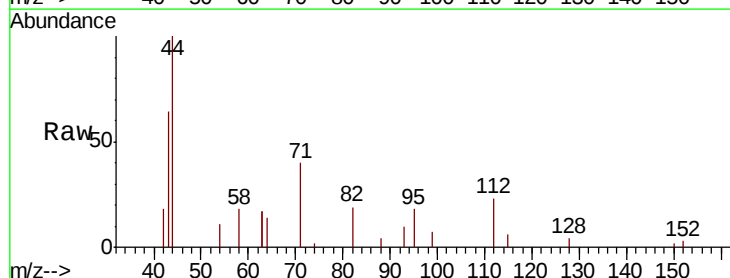
Tgt Ion: 112 Resp: 2404

Ion Ratio Lower Upper

112 100

64 75.9 56.6 84.8

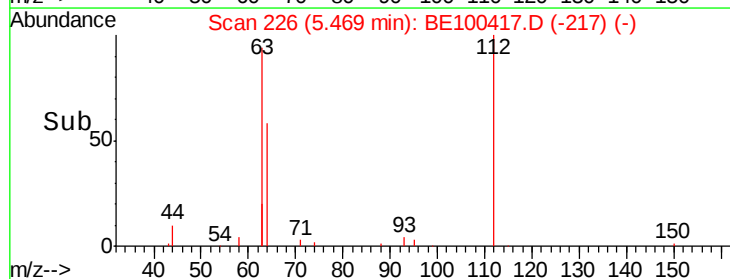
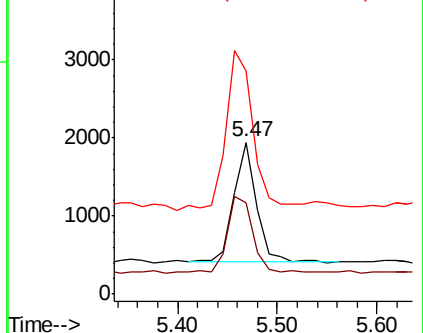
63 164.0 120.2 180.4

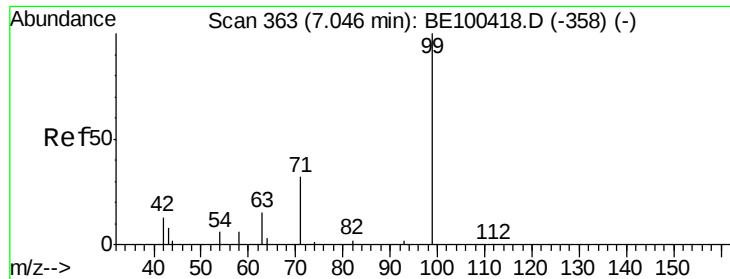


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.389 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

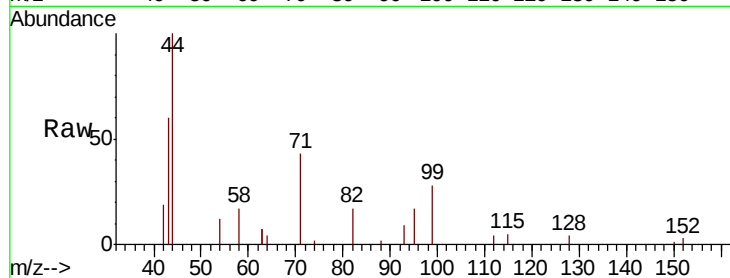
Tot Ion: 99 Resp: 3415

Ion Ratio Lower Upper

99 100

42 27.0 0.0 0.0#

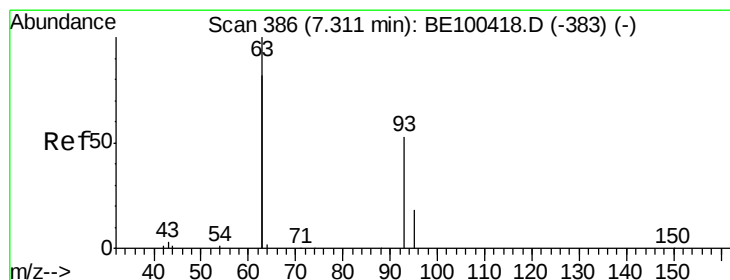
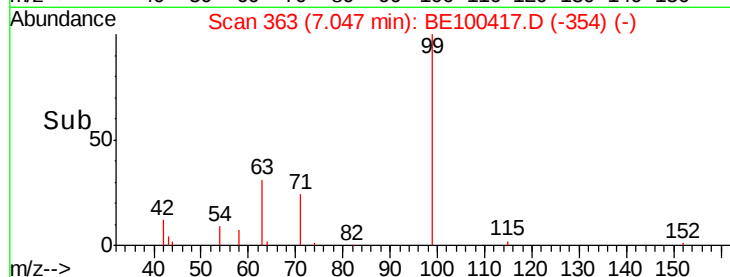
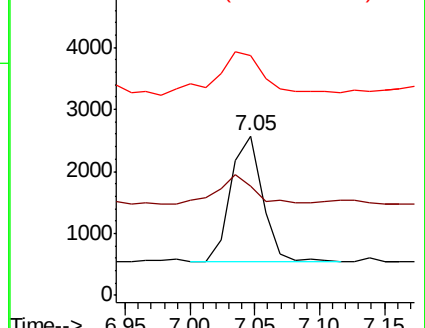
71 56.3 0.0 0.0#



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: 0.401 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

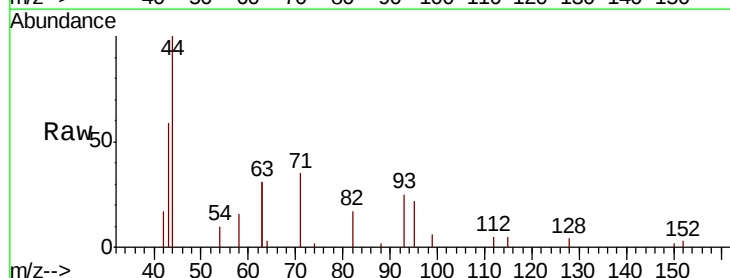
Tgt Ion: 93 Resp: 2671

Ion Ratio Lower Upper

93 100

63 310.3 101.4 152.2#

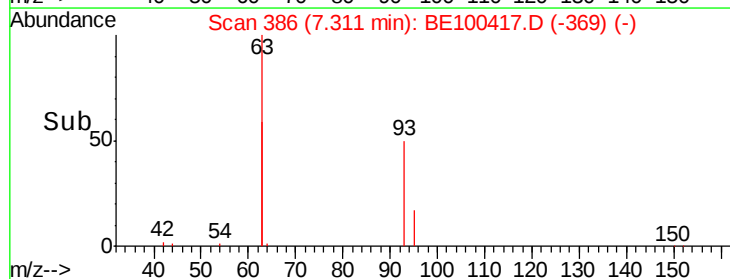
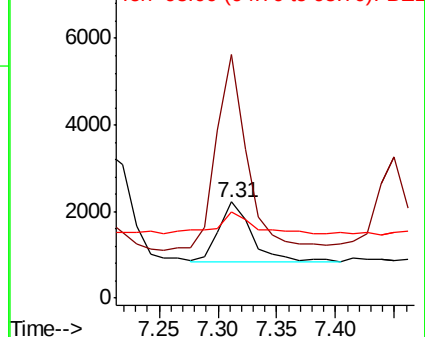
95 41.9 0.0 0.0#

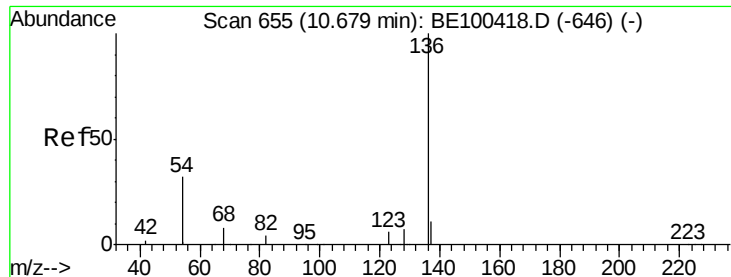


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16021

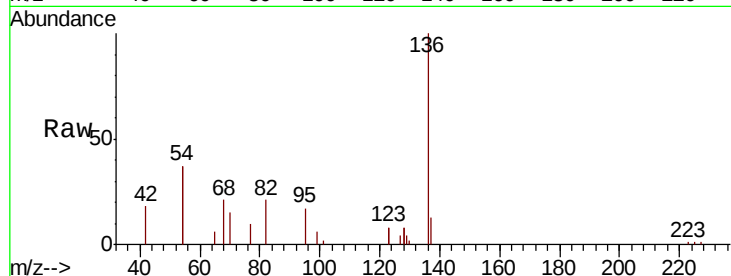
Ion Ratio Lower Upper

136 100

137 12.6 10.1 15.1

54 74.2 49.8 74.6

68 21.2 14.0 21.0#

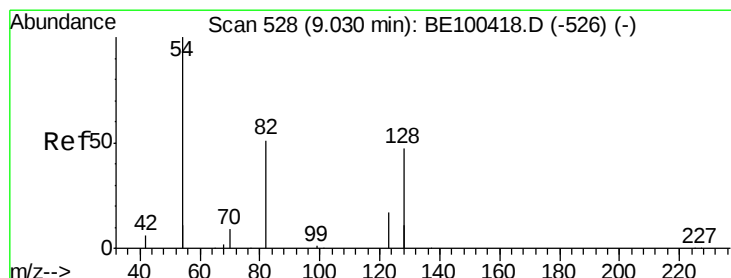
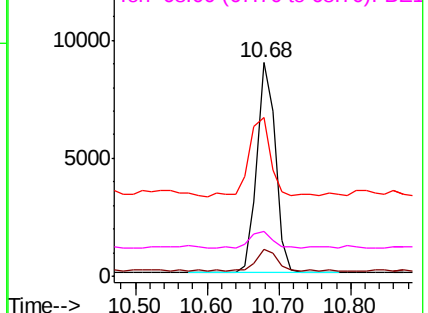
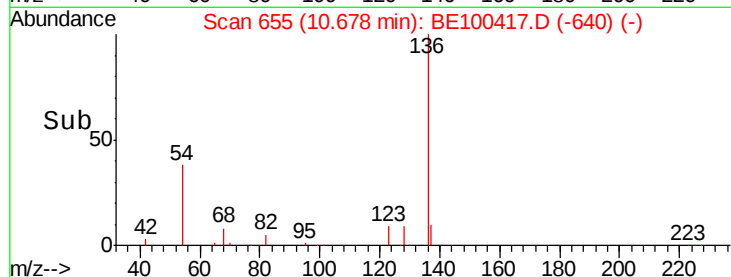


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.095 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

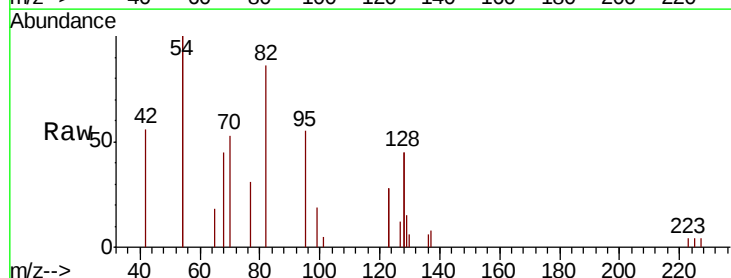
Tgt Ion: 82 Resp: 1745

Ion Ratio Lower Upper

82 100

128 104.6 88.3 132.5

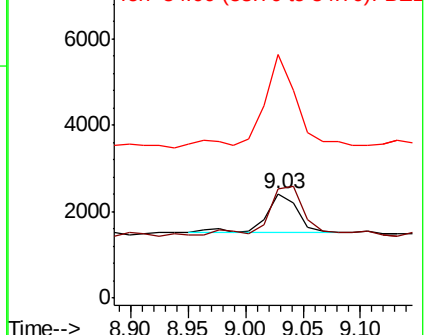
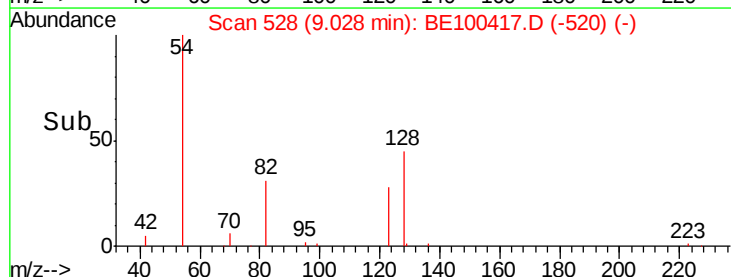
54 233.9 189.6 284.4

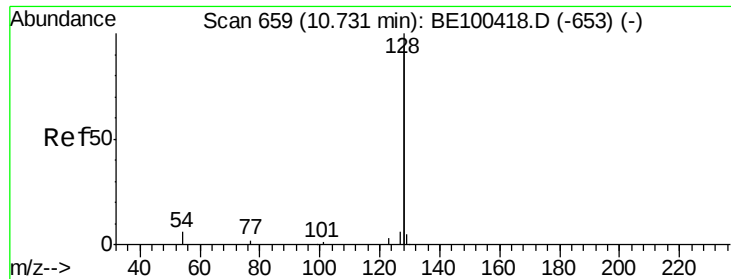


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.197 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

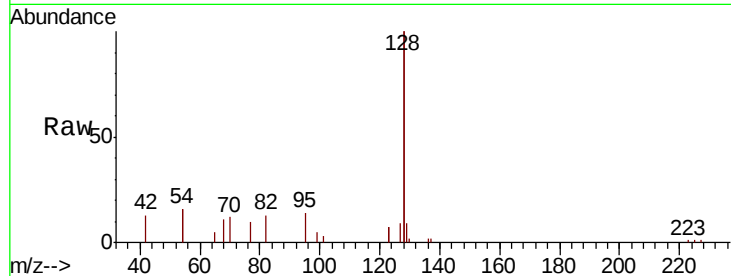
Tot Ion:128 Resp: 33730

Ion Ratio Lower Upper

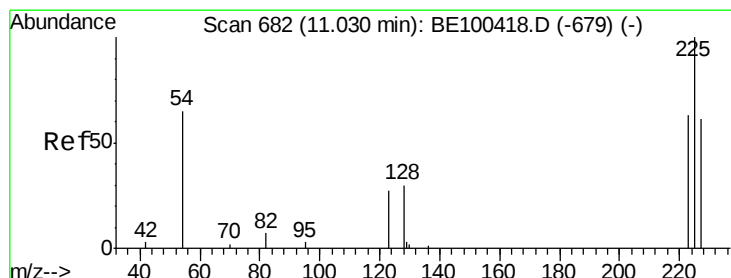
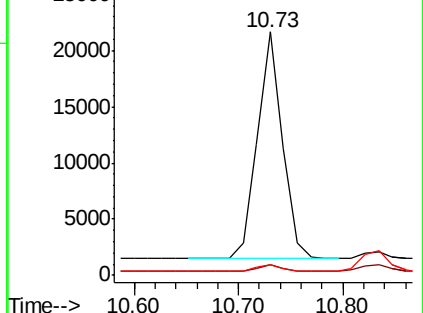
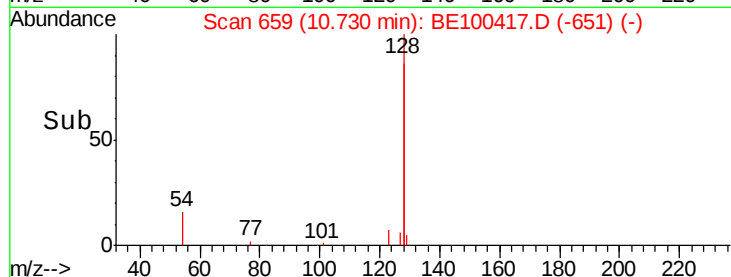
128 100

129 4.3 2.7 4.1#

127 4.5 3.0 4.4#



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: 0.069 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

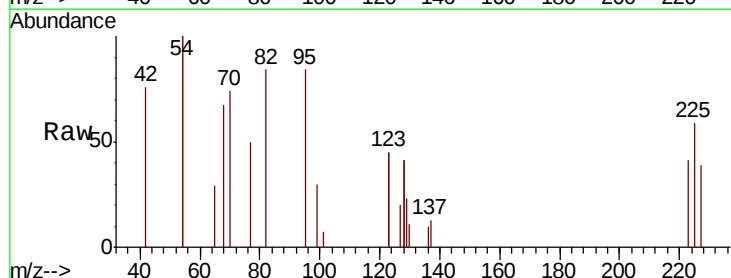
Tgt Ion:225 Resp: 1665

Ion Ratio Lower Upper

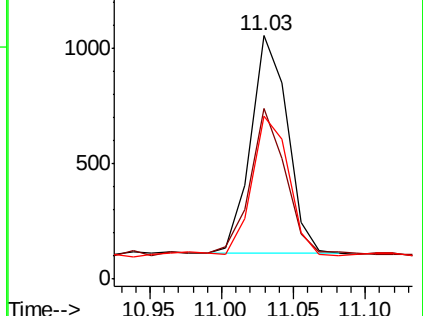
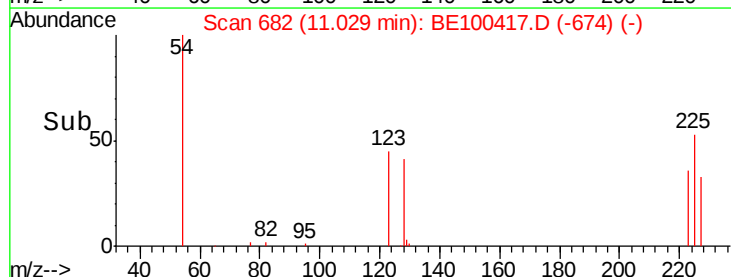
225 100

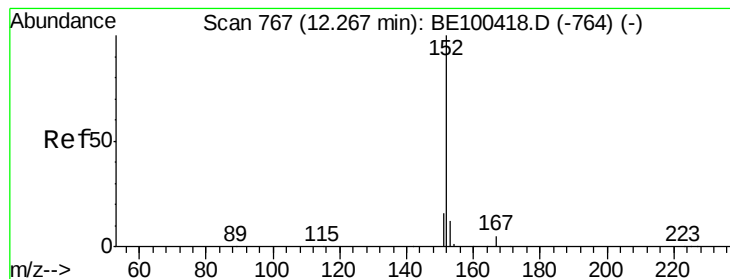
223 63.8 48.2 72.4

227 67.0 47.8 71.6



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





#11

2-Methylnaphthalene-d10

Concen: 0.190 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

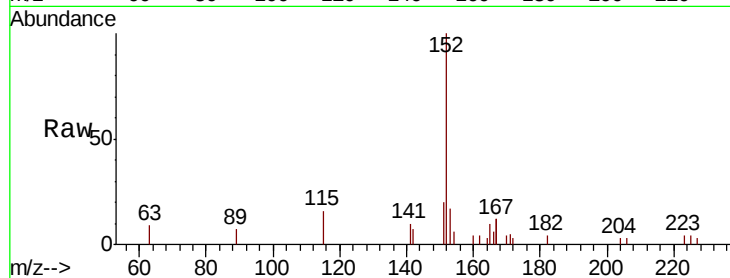
ClientSampleId :

Tot Ion:152 Resp: 5253

Ion Ratio Lower Upper

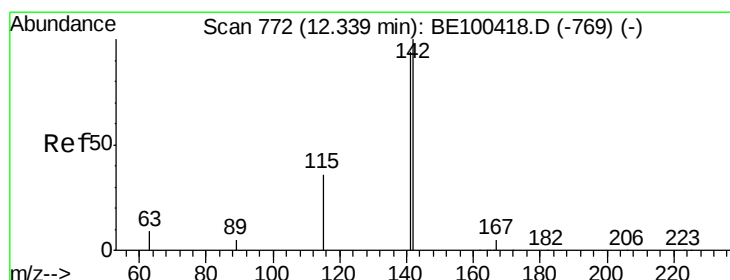
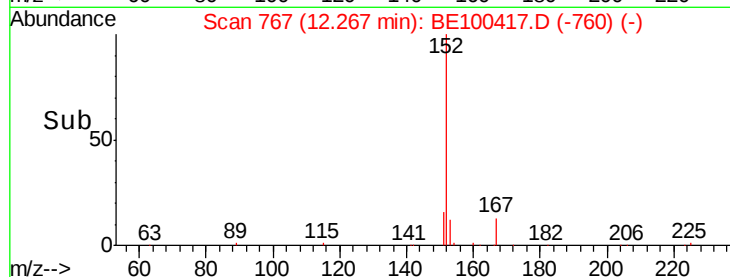
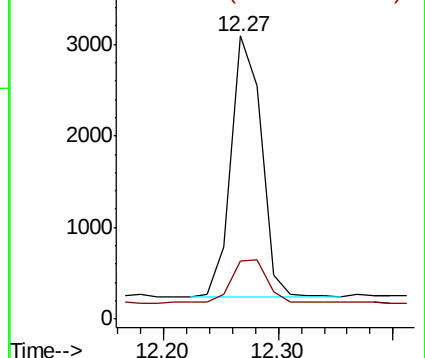
152 100

151 20.8 15.8 23.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.240 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

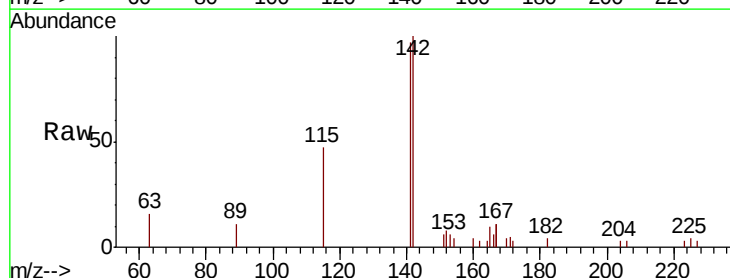
Tgt Ion:142 Resp: 5889

Ion Ratio Lower Upper

142 100

141 96.9 76.2 114.2

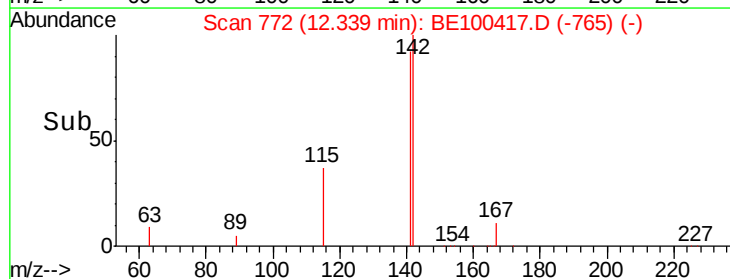
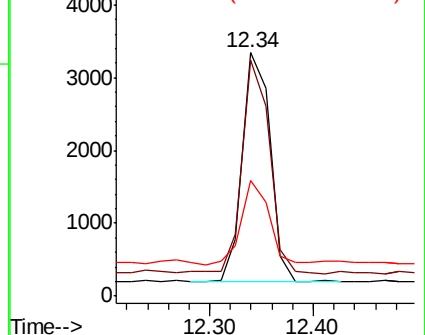
115 47.4 32.6 49.0

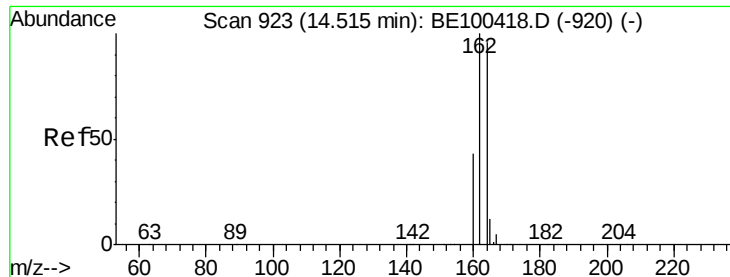


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

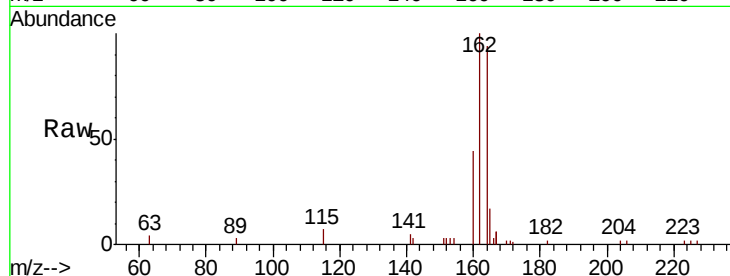
Tot Ion:164 Resp: 9644

Ion Ratio Lower Upper

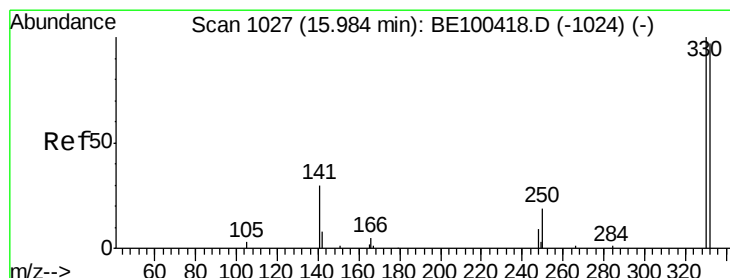
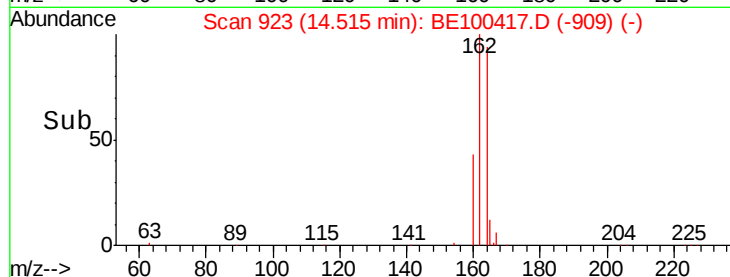
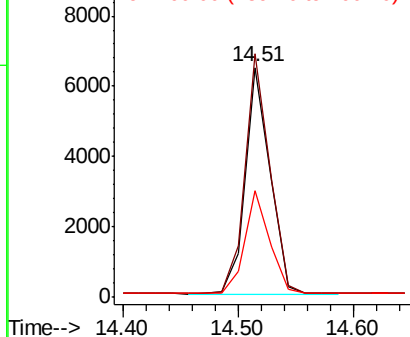
164 100

162 106.0 83.0 124.4

160 46.5 37.0 55.4



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: 0.119 ng

RT: 15.98 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

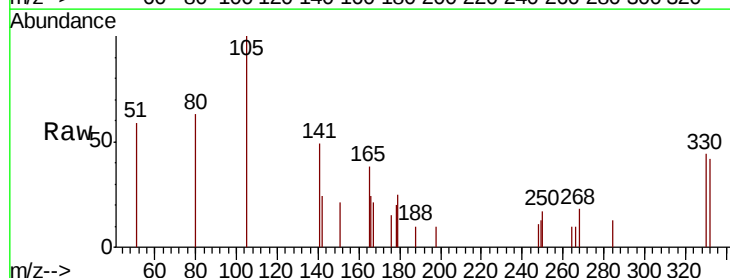
Tgt Ion:330 Resp: 712

Ion Ratio Lower Upper

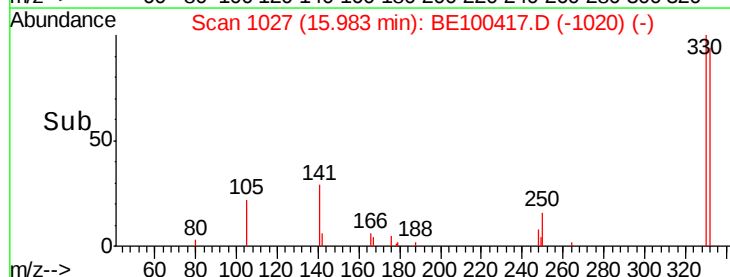
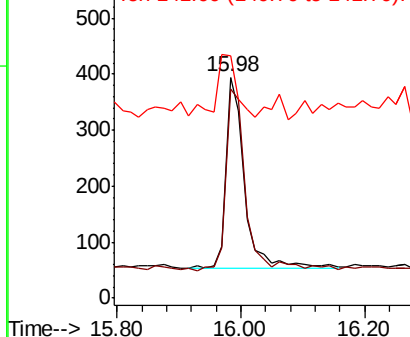
330 100

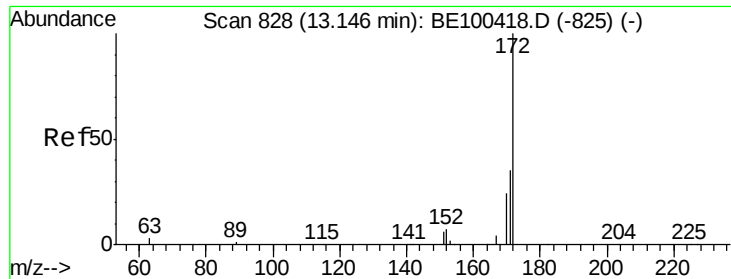
332 95.2 82.2 123.2

141 31.2 30.0 45.0



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

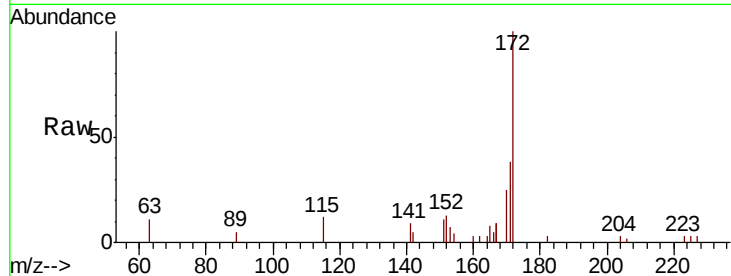




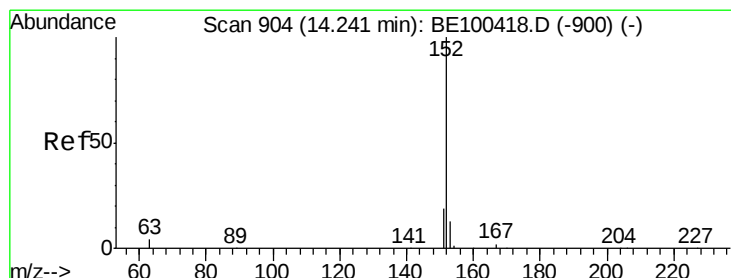
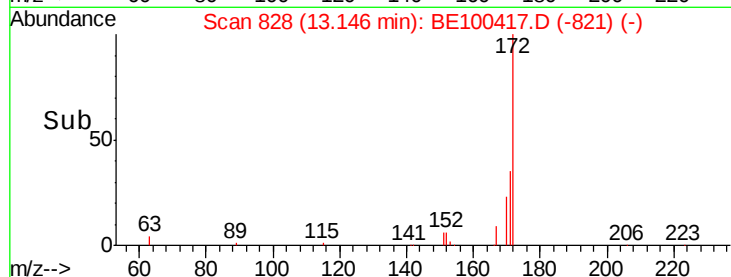
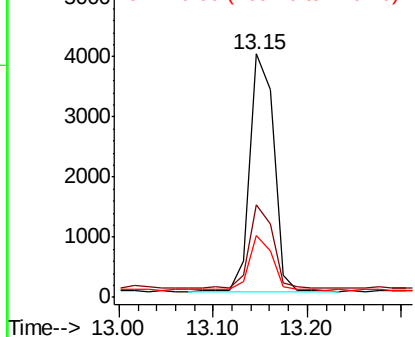
#15
2-Fluorobiphenyl
Concen: 0.167 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 7074
Ion Ratio Lower Upper
172 100
171 37.9 29.0 43.4
170 25.3 19.7 29.5

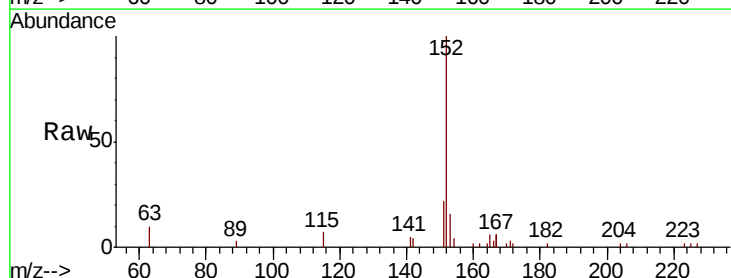


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

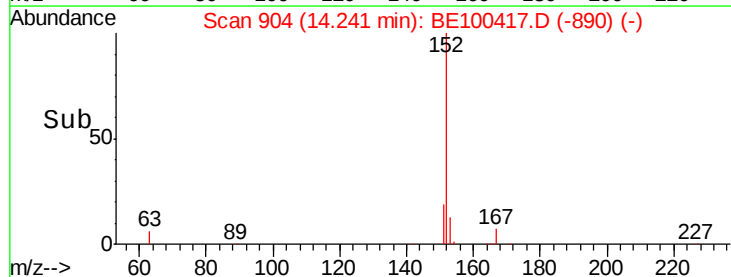
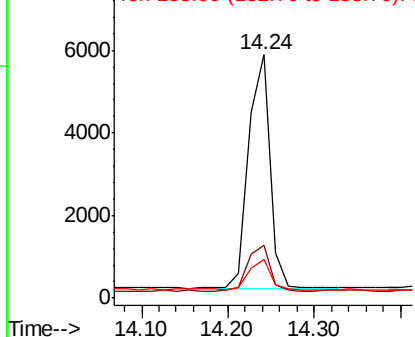


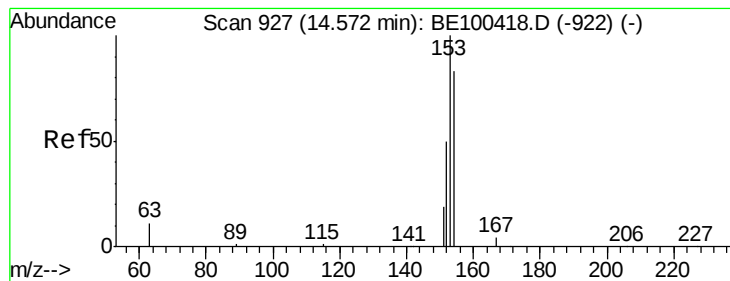
#16
Acenaphthylene
Concen: 0.214 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:152 Resp: 9847
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.216 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

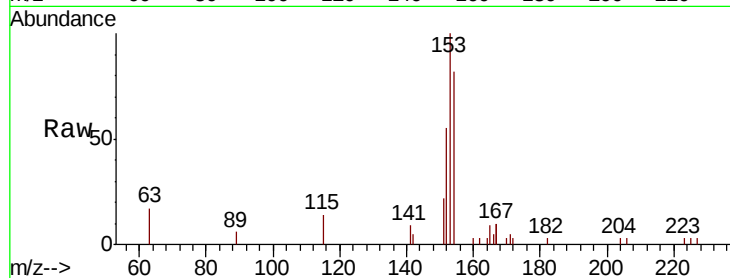
Tot Ion:154 Resp: 5655

Ion Ratio Lower Upper

154 100

153 116.2 92.6 138.8

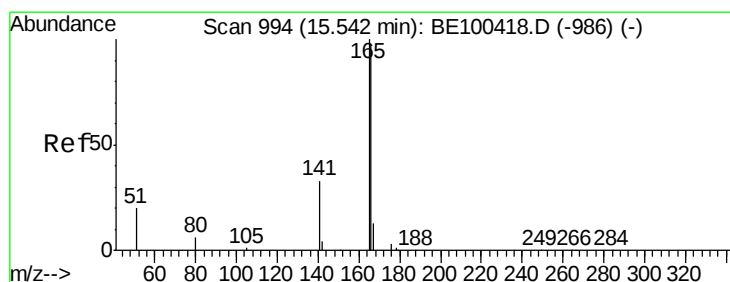
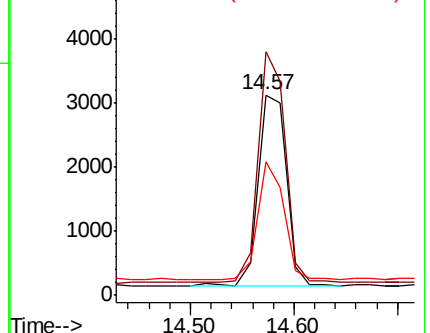
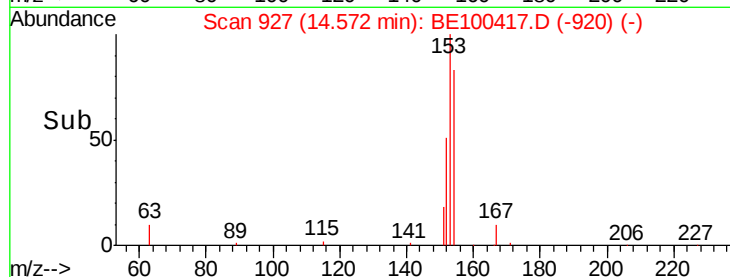
152 58.0 44.5 66.7



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: 0.179 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

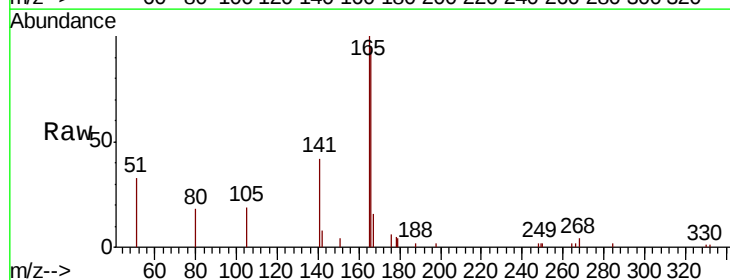
Tgt Ion:166 Resp: 7814

Ion Ratio Lower Upper

166 100

165 96.9 80.0 120.0

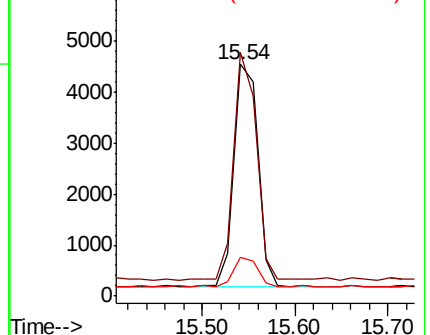
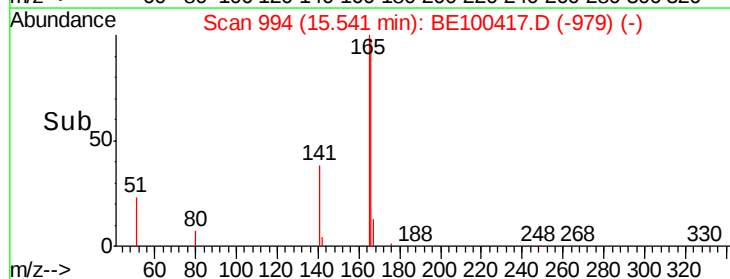
167 13.6 11.0 16.4

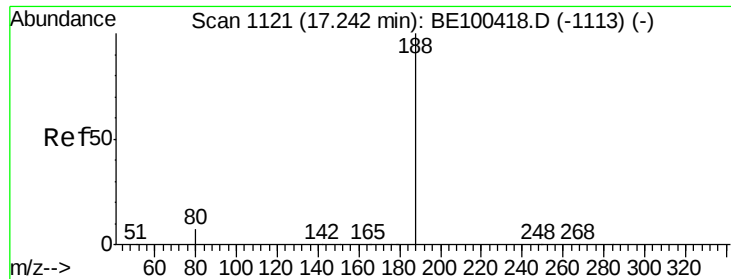


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

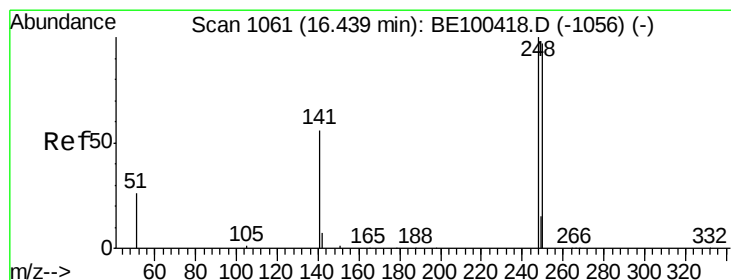
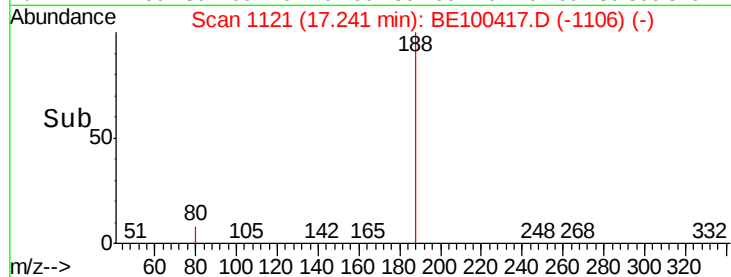
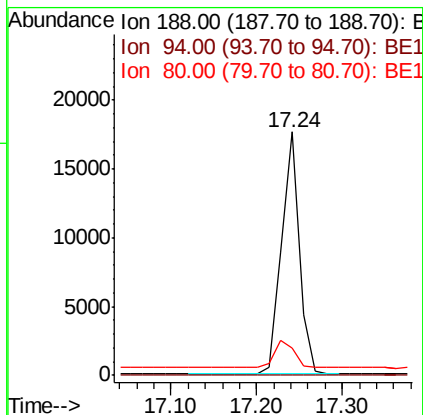
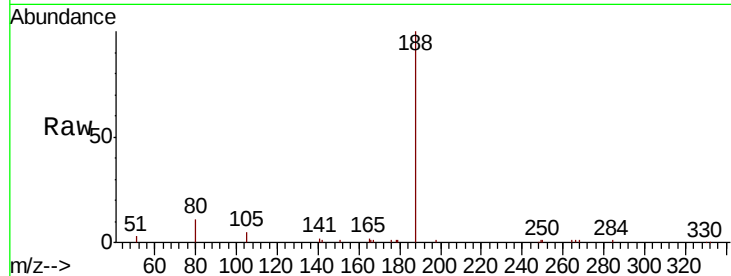




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

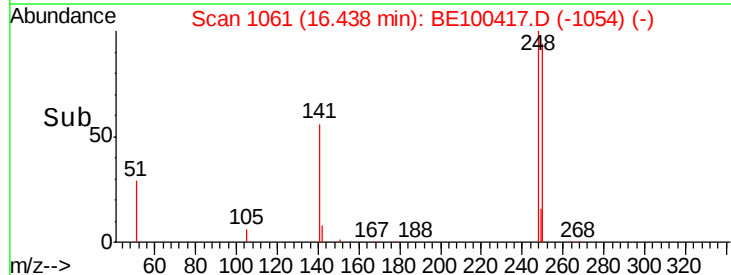
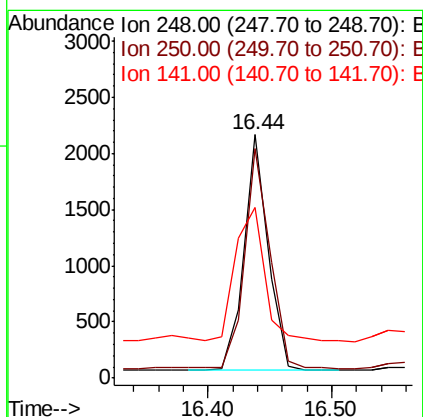
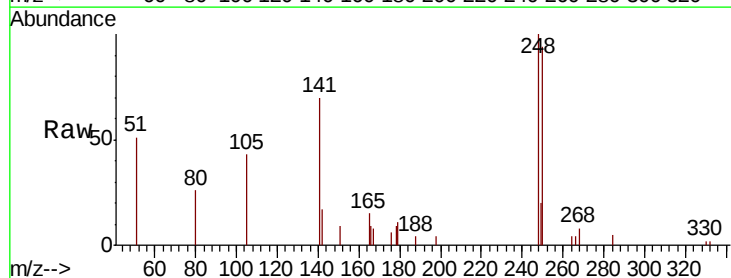
Instrument :
BNA_E
ClientSampleId :

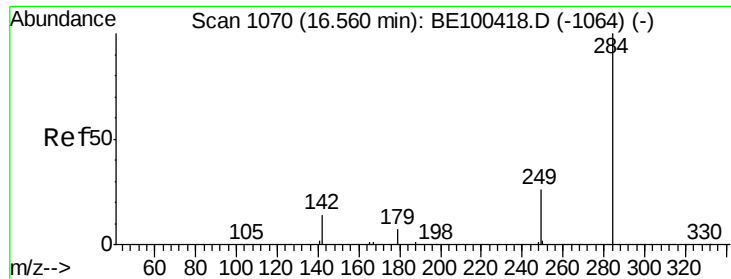
Tot Ion:188 Resp: 25482
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 7.7 11.5



#20
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:248 Resp: 2837
Ion Ratio Lower Upper
248 100
250 94.5 77.8 116.6
141 69.9 49.0 73.6

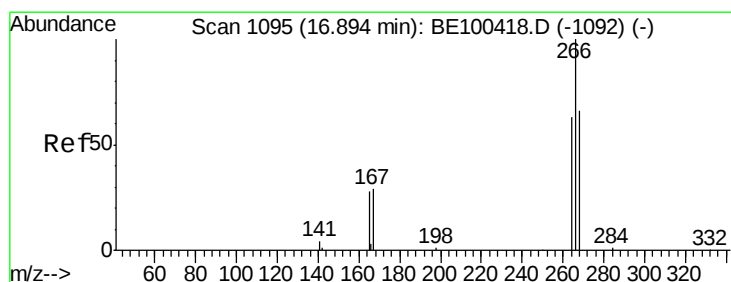
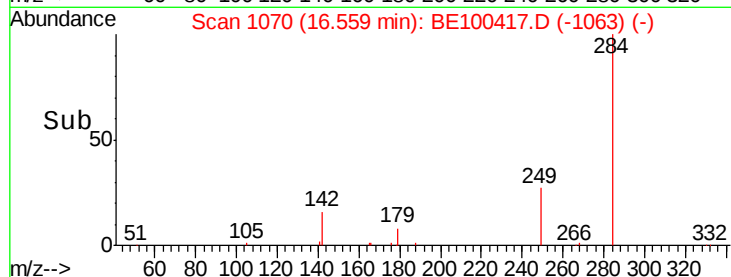
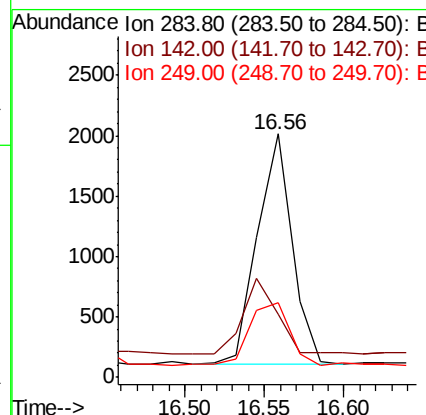
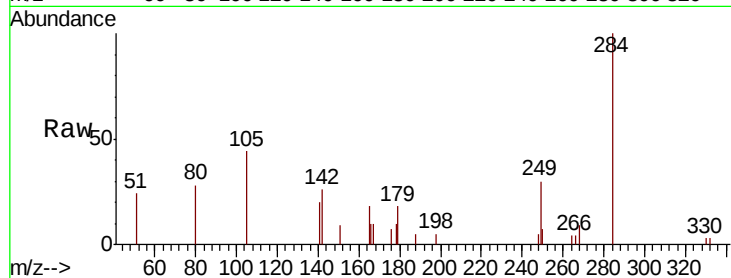




#21
Hexachlorobenzene
Concen: 0.139 ng
RT: 16.56 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

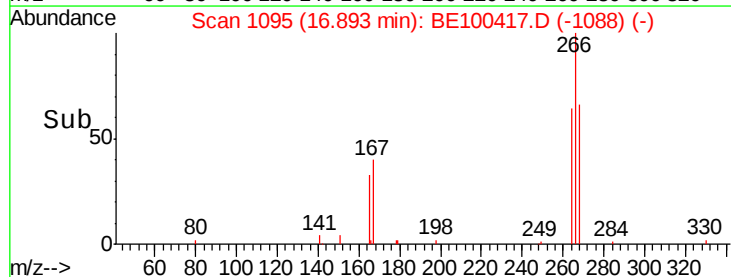
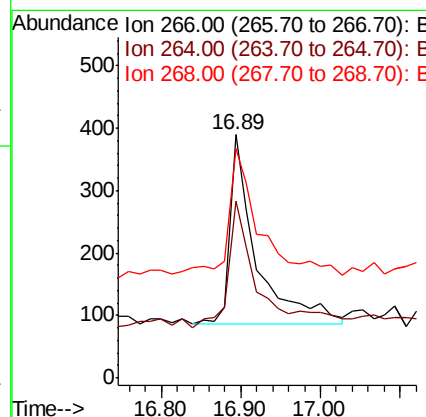
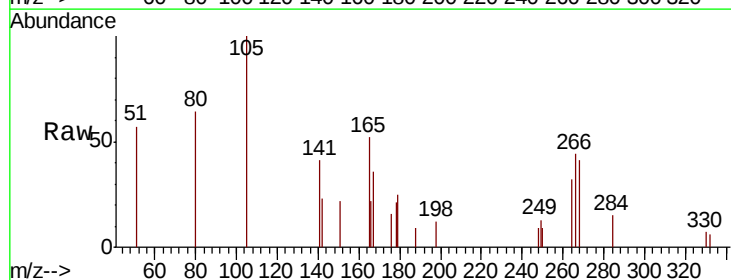
Instrument :
BNA_E
ClientSampled :

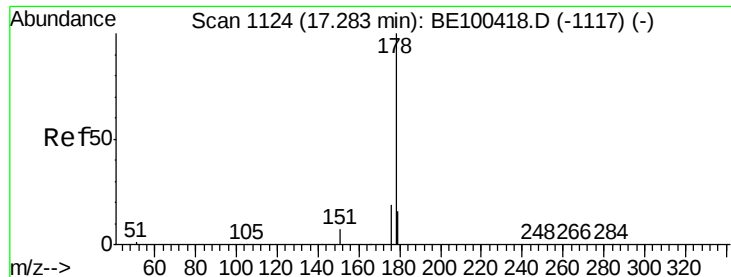
Tot Ion:284 Resp: 2879
Ion Ratio Lower Upper
284 100
142 32.2 26.7 40.1
249 31.6 25.6 38.4



#22
Pentachlorophenol
Concen: 0.268 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:266 Resp: 692
Ion Ratio Lower Upper
266 100
264 72.8 53.3 79.9
268 94.1 59.1 88.7#

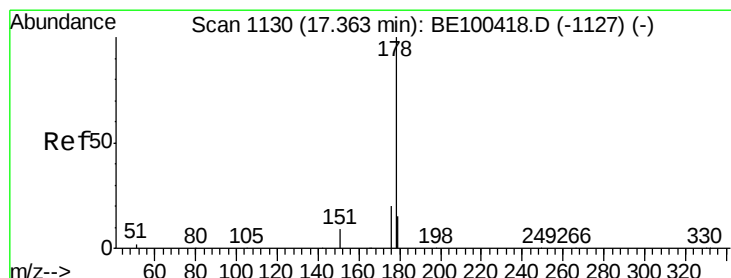
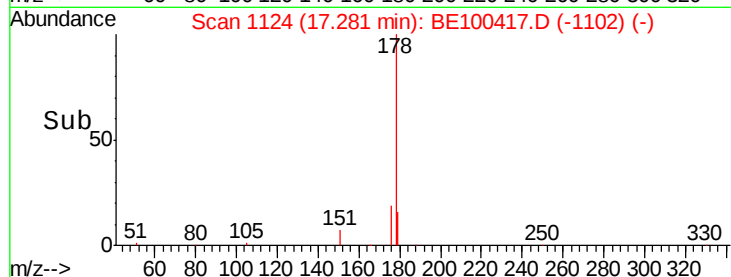
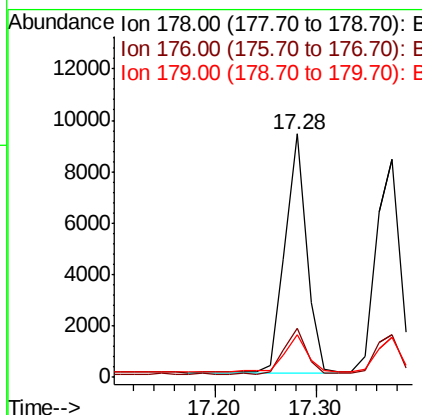
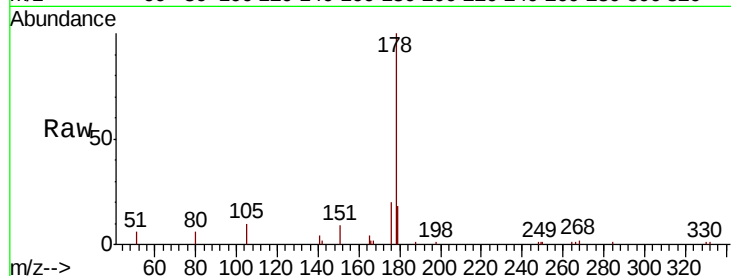




#23
Phenanthrene
Concen: 0.226 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

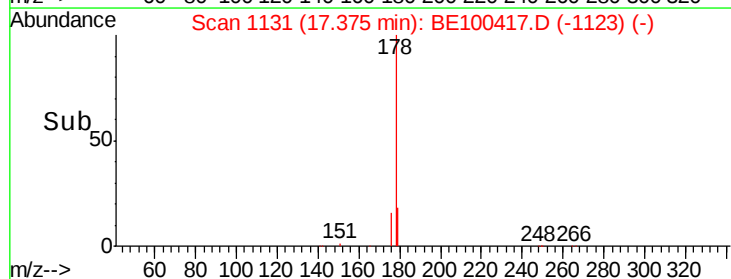
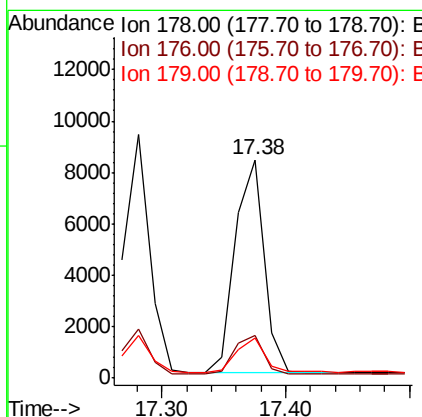
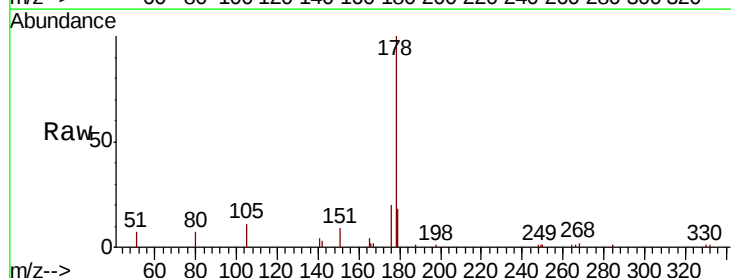
Instrument :
BNA_E
ClientSampleId :

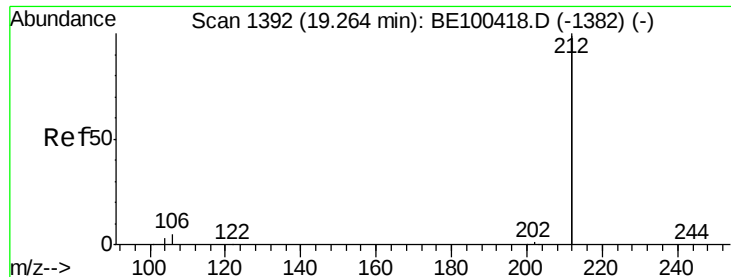
Tot Ion:178 Resp: 13712
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.6 18.8



#24
Anthracene
Concen: 0.273 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:178 Resp: 13499
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.7 12.6 19.0





#25

Fluoranthene-d10

Concen: 0.178 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

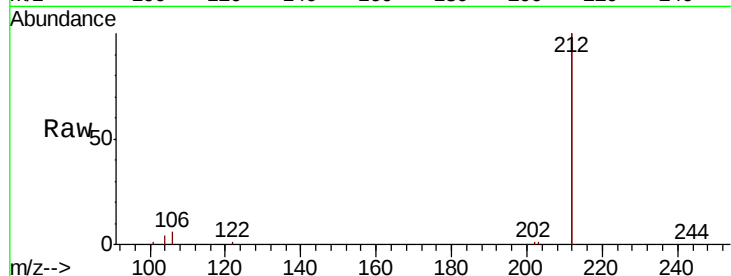
Tot Ion:212 Resp: 74781

Ion Ratio Lower Upper

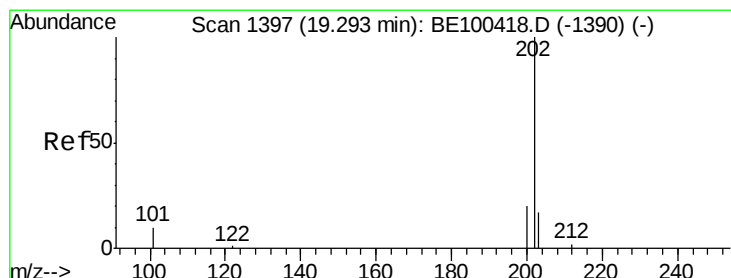
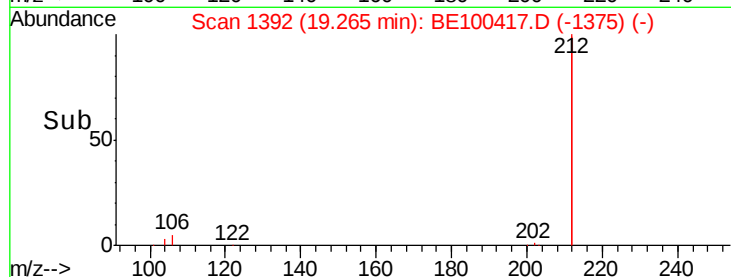
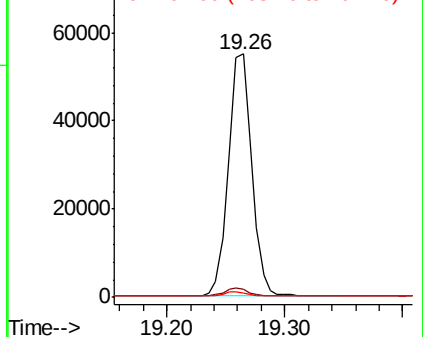
212 100

106 3.1 2.5 3.7

104 1.8 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: 0.177 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

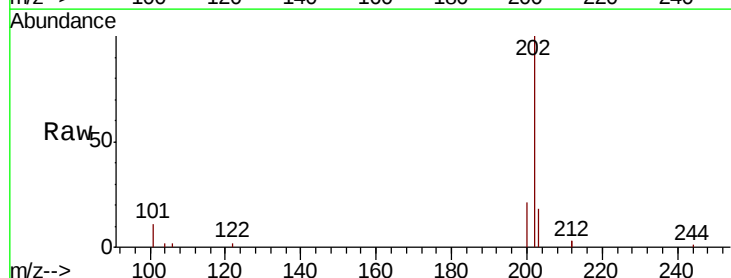
Tgt Ion:202 Resp: 20122

Ion Ratio Lower Upper

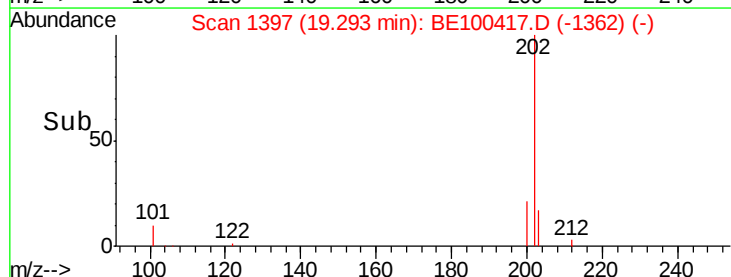
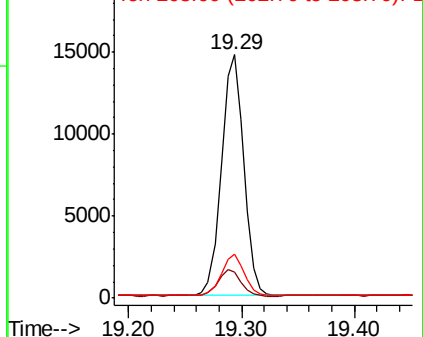
202 100

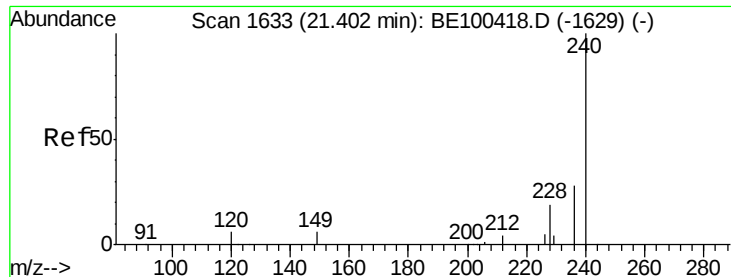
101 11.1 8.9 13.3

203 17.2 13.8 20.6



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. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

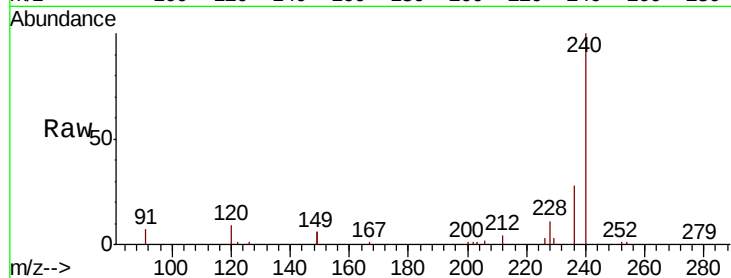
Tot Ion:240 Resp: 36381

Ion Ratio Lower Upper

240 100

120 8.6 6.1 9.1

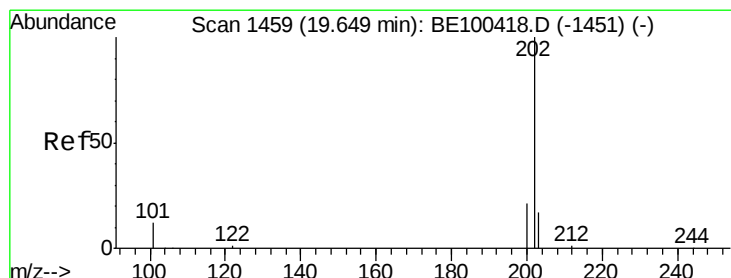
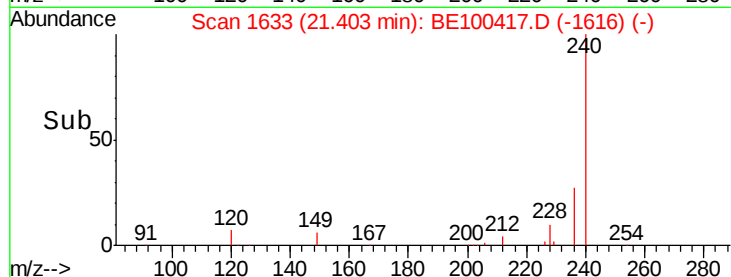
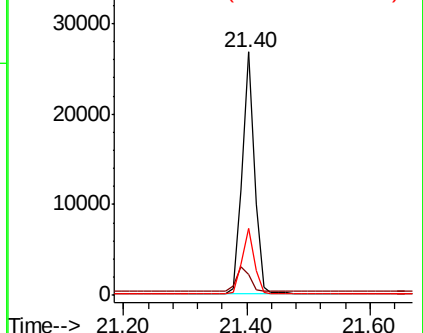
236 27.5 22.5 33.7



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: 0.258 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

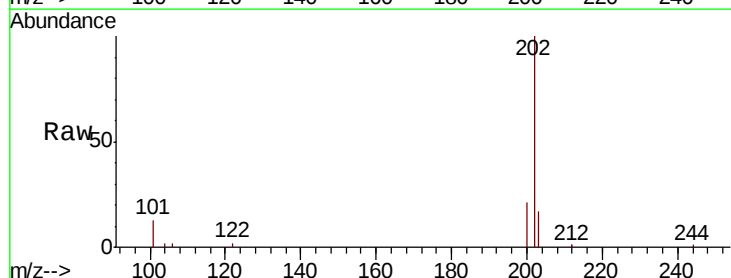
Tgt Ion:202 Resp: 21480

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

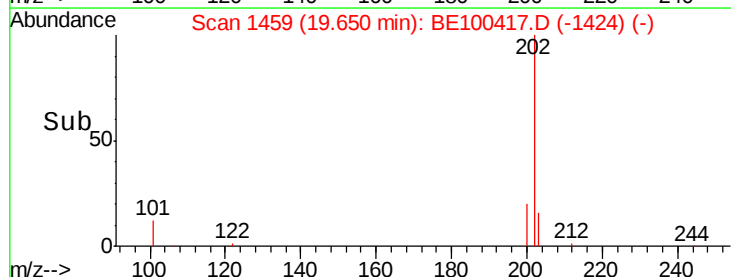
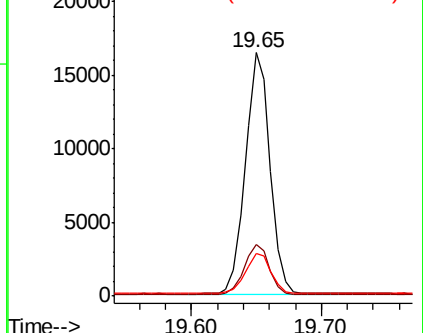
203 17.6 14.1 21.1

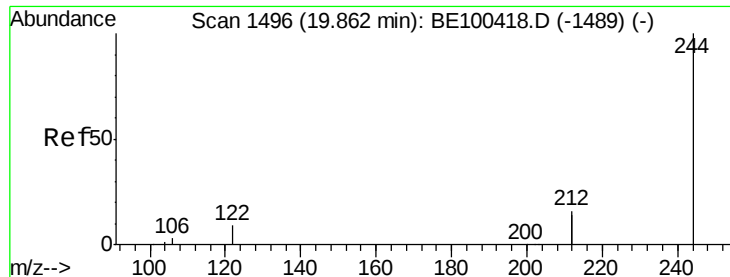


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.227 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

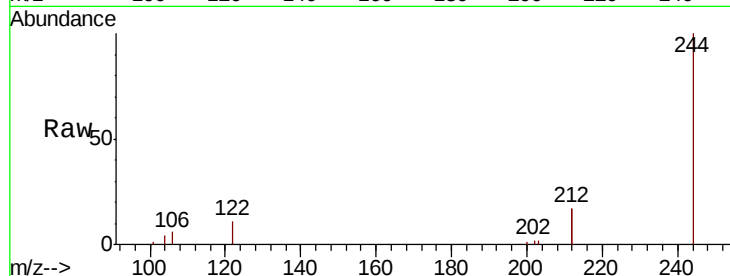
Tot Ion:244 Resp: 15266

Ion Ratio Lower Upper

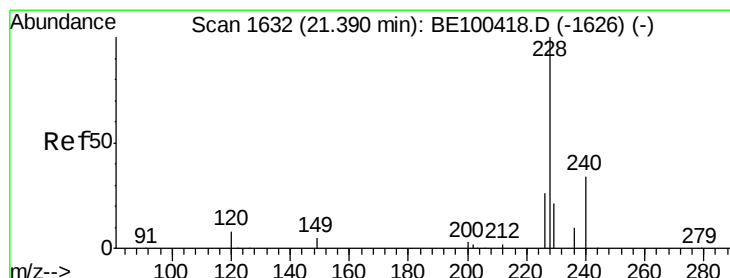
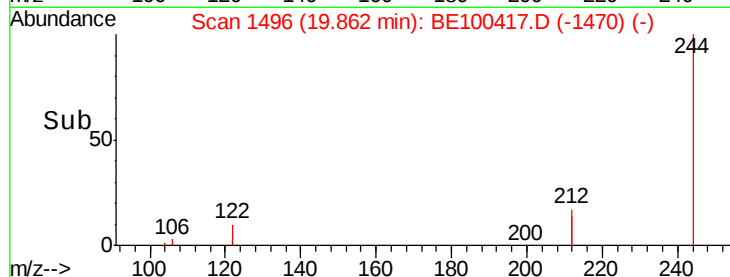
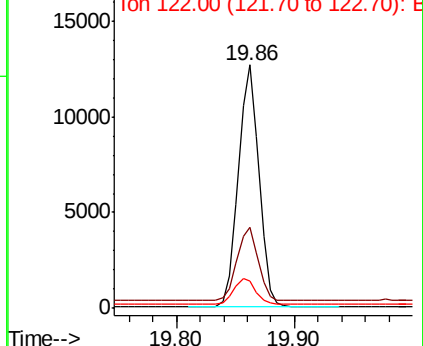
244 100

212 33.3 25.0 37.6

122 11.3 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.248 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

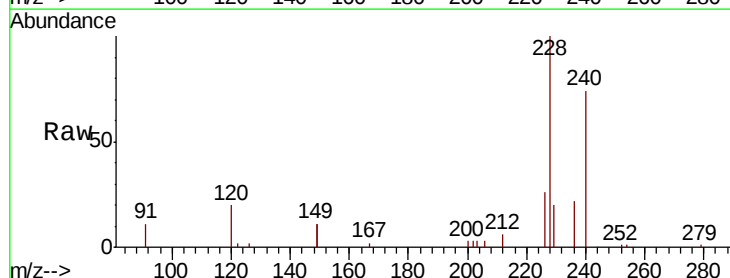
Tgt Ion:228 Resp: 25489

Ion Ratio Lower Upper

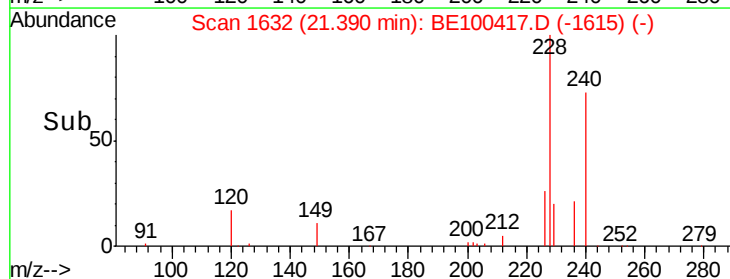
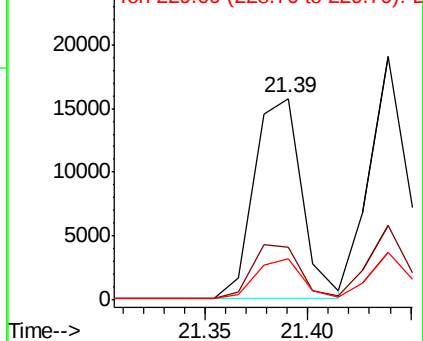
228 100

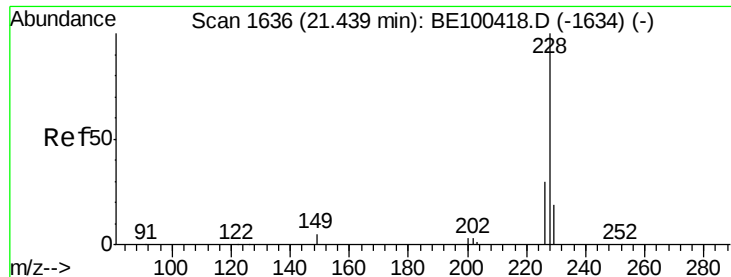
226 26.2 21.0 31.4

229 20.4 16.7 25.1



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: 0.208 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

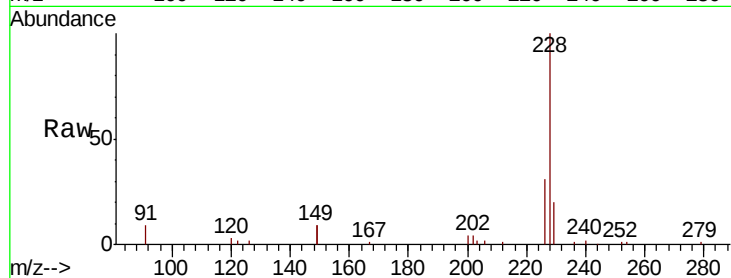
Tot Ion:228 Resp: 24401

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

229 19.5 15.7 23.5

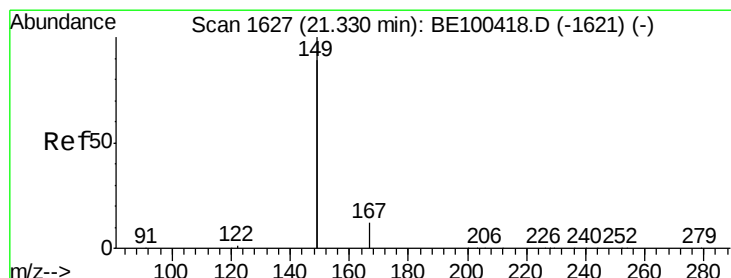
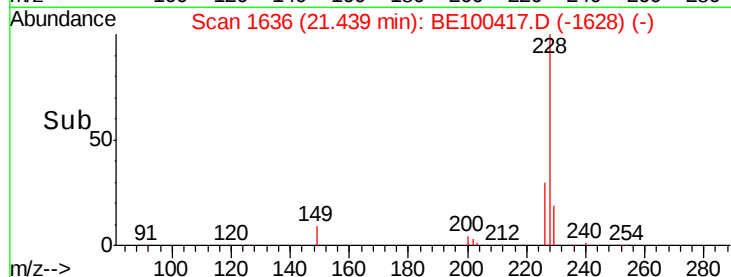
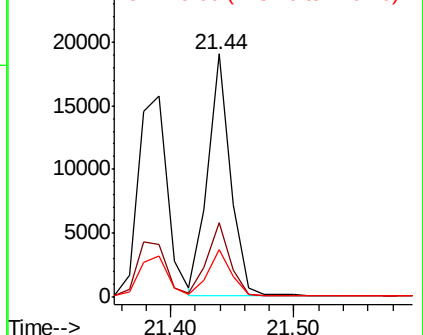


Abundance

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: 0.398 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

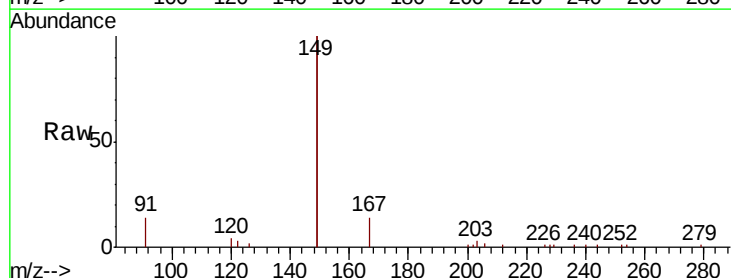
Tgt Ion:149 Resp: 35242

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.2

279 1.0 0.8 1.2

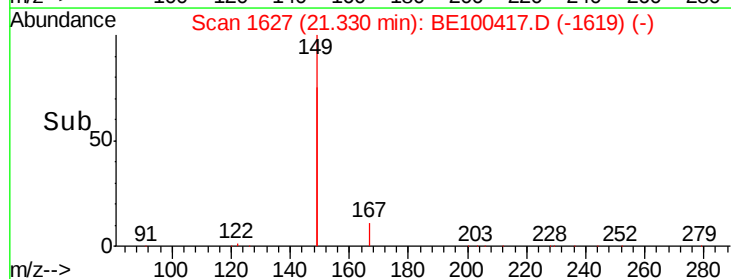
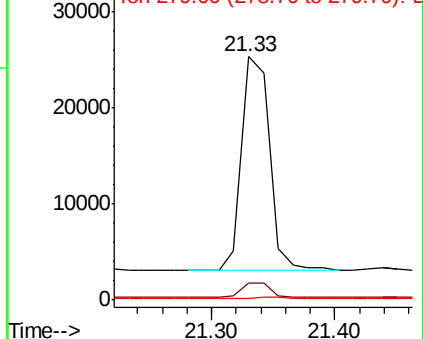


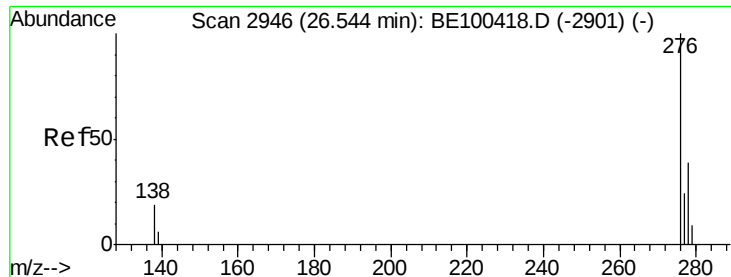
Abundance

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

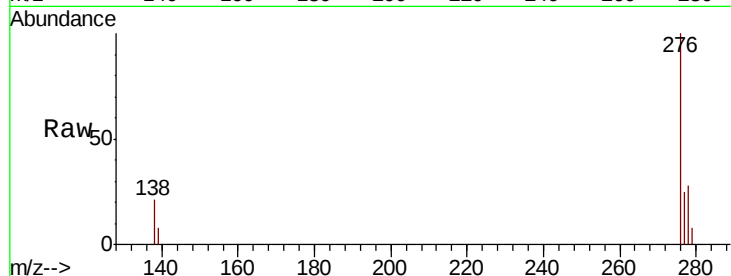




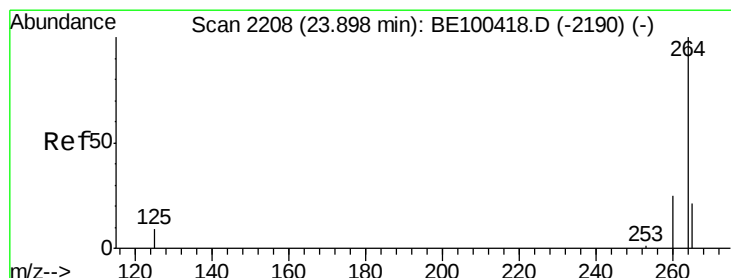
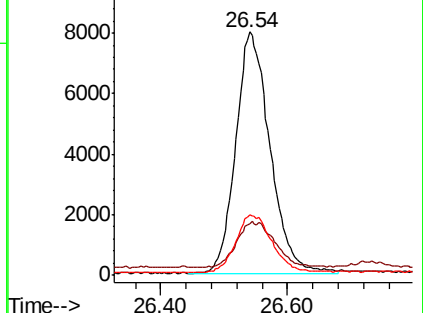
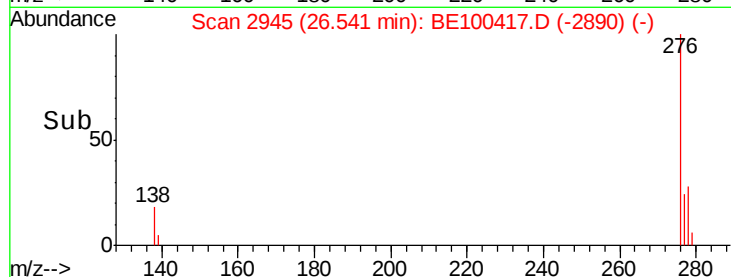
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.182 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 29892
Ion Ratio Lower Upper
276 100
138 20.6 0.0 0.0#
277 25.0 0.0 0.0#

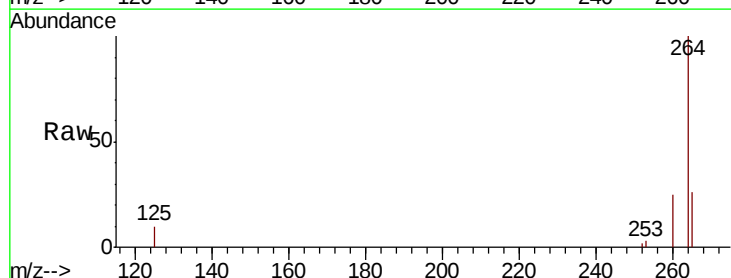


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

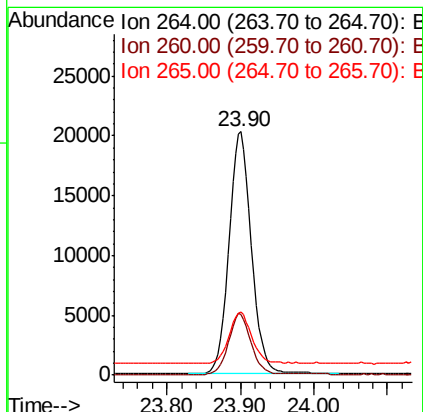
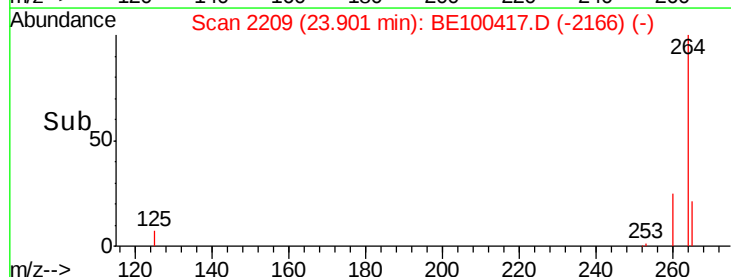


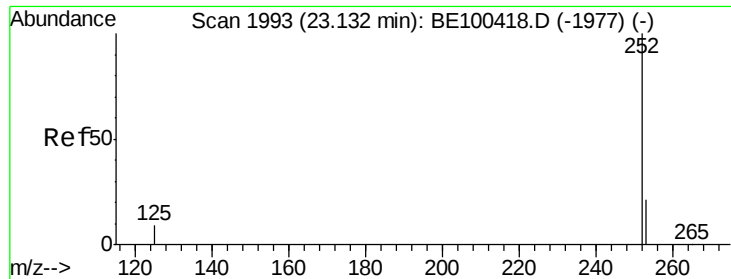
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE100417.D
Acq: 12 Jul 2019 12:22

Tgt Ion:264 Resp: 43328
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 26.0 20.8 31.2



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: 0.226 ng

RT: 23.13 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

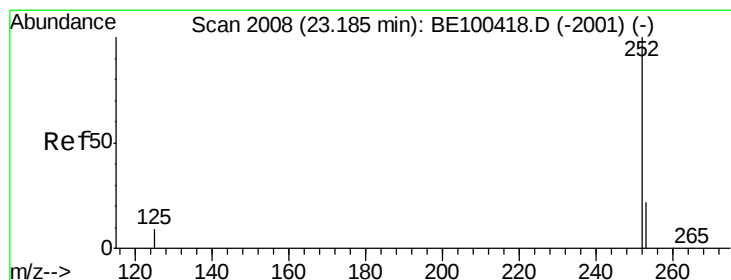
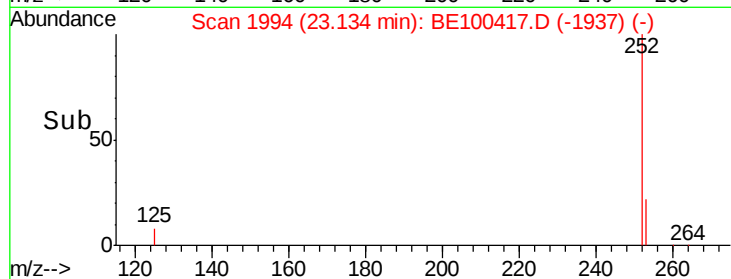
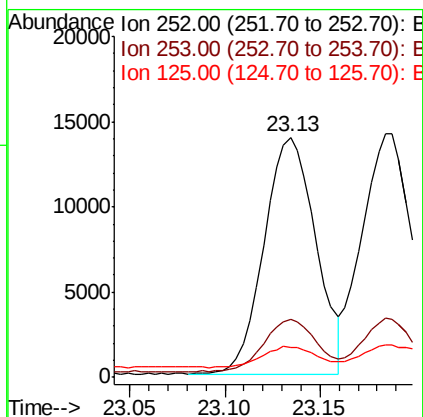
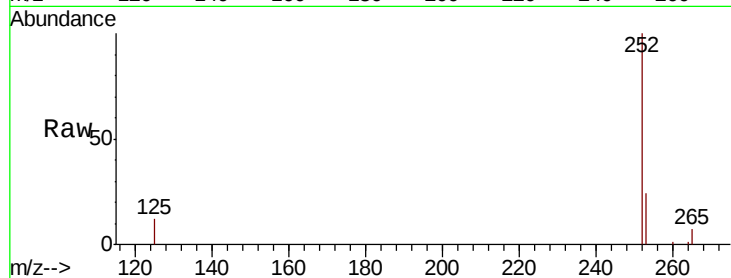
Tot Ion:252 Resp: 26185

Ion Ratio Lower Upper

252 100

253 24.1 17.9 26.9

125 12.4 8.5 12.7



#36

Benzo(k)fluoranthene

Concen: 0.183 ng

RT: 23.13 min Scan# 1994

Delta R.T. -0.05 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

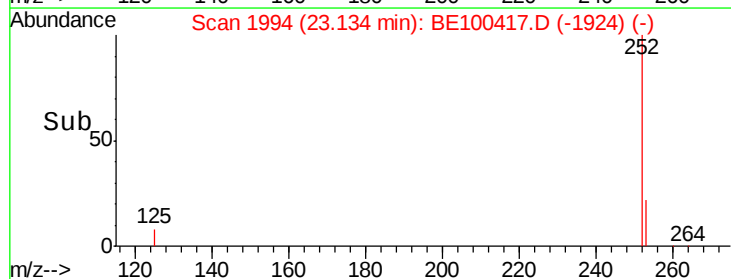
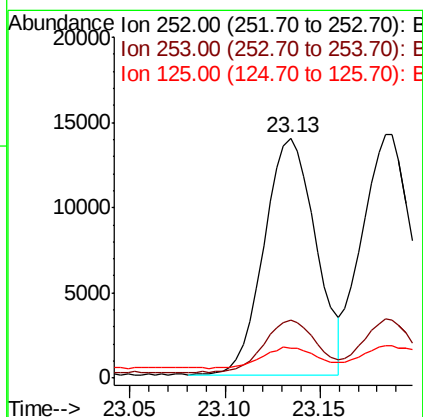
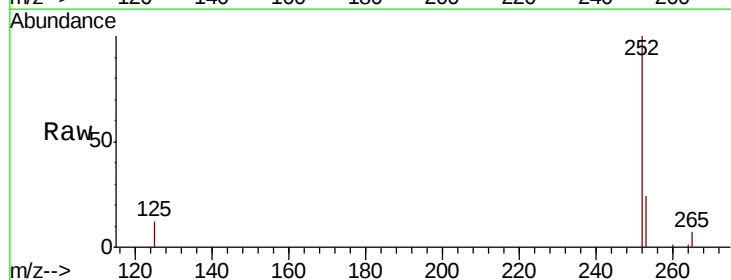
Tgt Ion:252 Resp: 26185

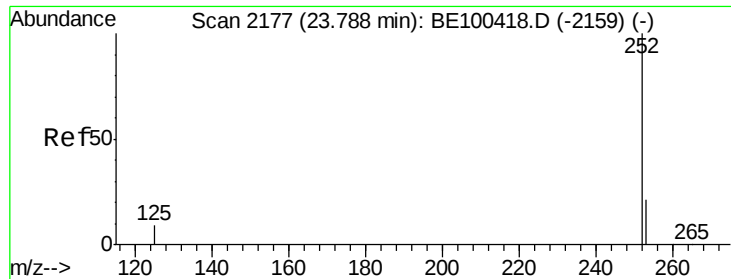
Ion Ratio Lower Upper

252 100

253 24.1 18.5 27.7

125 12.4 8.5 12.7





#37

Benzo(a)pyrene

Concen: 0.204 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

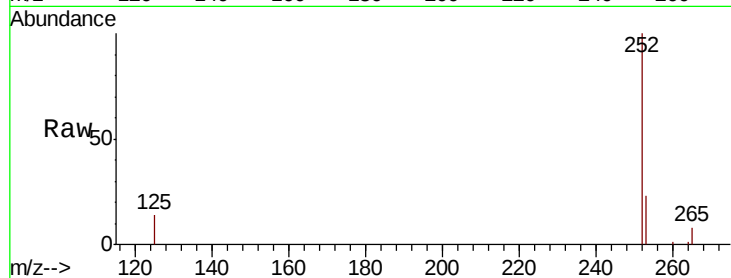
Tot Ion:252 Resp: 24828

Ion Ratio Lower Upper

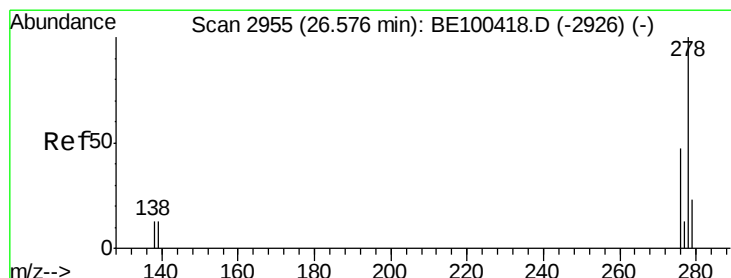
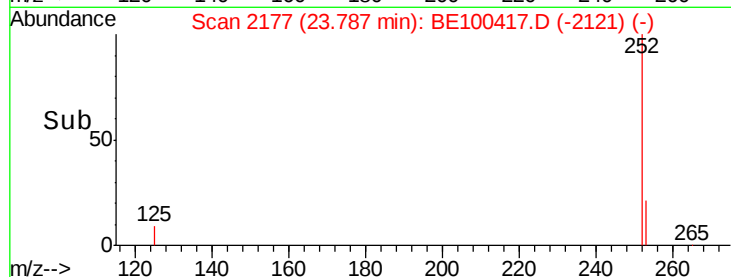
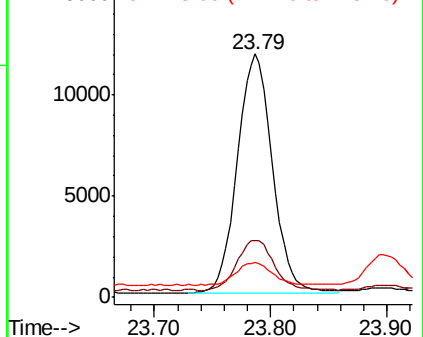
252 100

253 23.4 18.2 27.4

125 14.3 9.0 13.6#



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: 0.203 ng

RT: 26.58 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

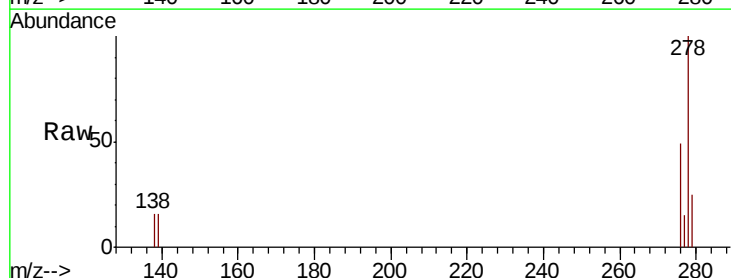
Tgt Ion:278 Resp: 24364

Ion Ratio Lower Upper

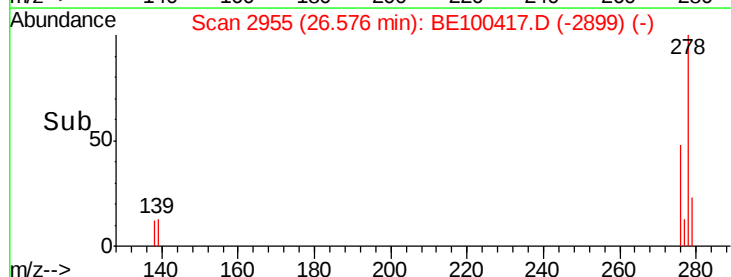
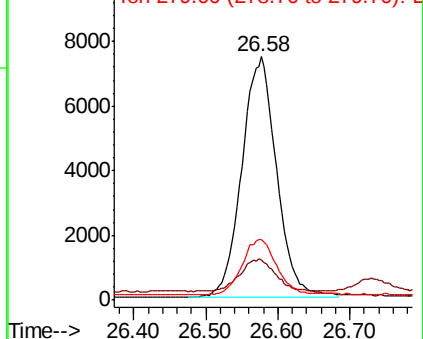
278 100

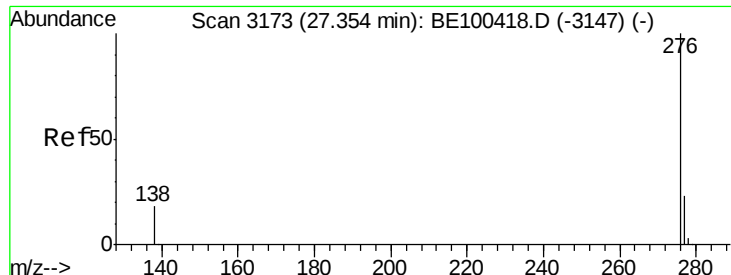
139 16.4 11.6 17.4

279 25.1 19.4 29.0



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: 0.171 ng

RT: 27.36 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE100417.D

Acq: 12 Jul 2019 12:22

Instrument :

BNA_E

ClientSampleId :

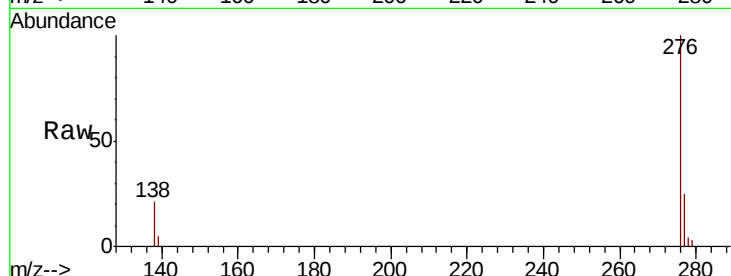
Tot Ion: 276 Resp: 24392

Ion Ratio Lower Upper

276 100

277 24.9 19.1 28.7

138 20.9 15.7 23.5



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

