

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
 Data File : BE100416.D
 Acq On : 12 Jul 2019 11:46
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 16:39:33 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	7.91	152	3979	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	16000	0.40	ng	0.01
13) Acenaphthene-d10	14.51	164	9517	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	24750	0.40	ng	0.00
27) Chrysene-d12	21.40	240	35589	0.40	ng	0.00
34) Perylene-d12	23.90	264	42354	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.48	112	1326	0.15	ng	0.00
5) Phenol-d6	7.05	99	2019	0.23	ng	0.00
8) Nitrobenzene-d5	9.04	82	1277	0.07	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2615	0.09	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	394	0.07	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	3548	0.08	ng	0.00
25) Fluoranthene-d10	19.26	212	37595	0.09	ng	0.00
29) Terphenyl-d14	19.86	244	7662	0.12	ng	0.00

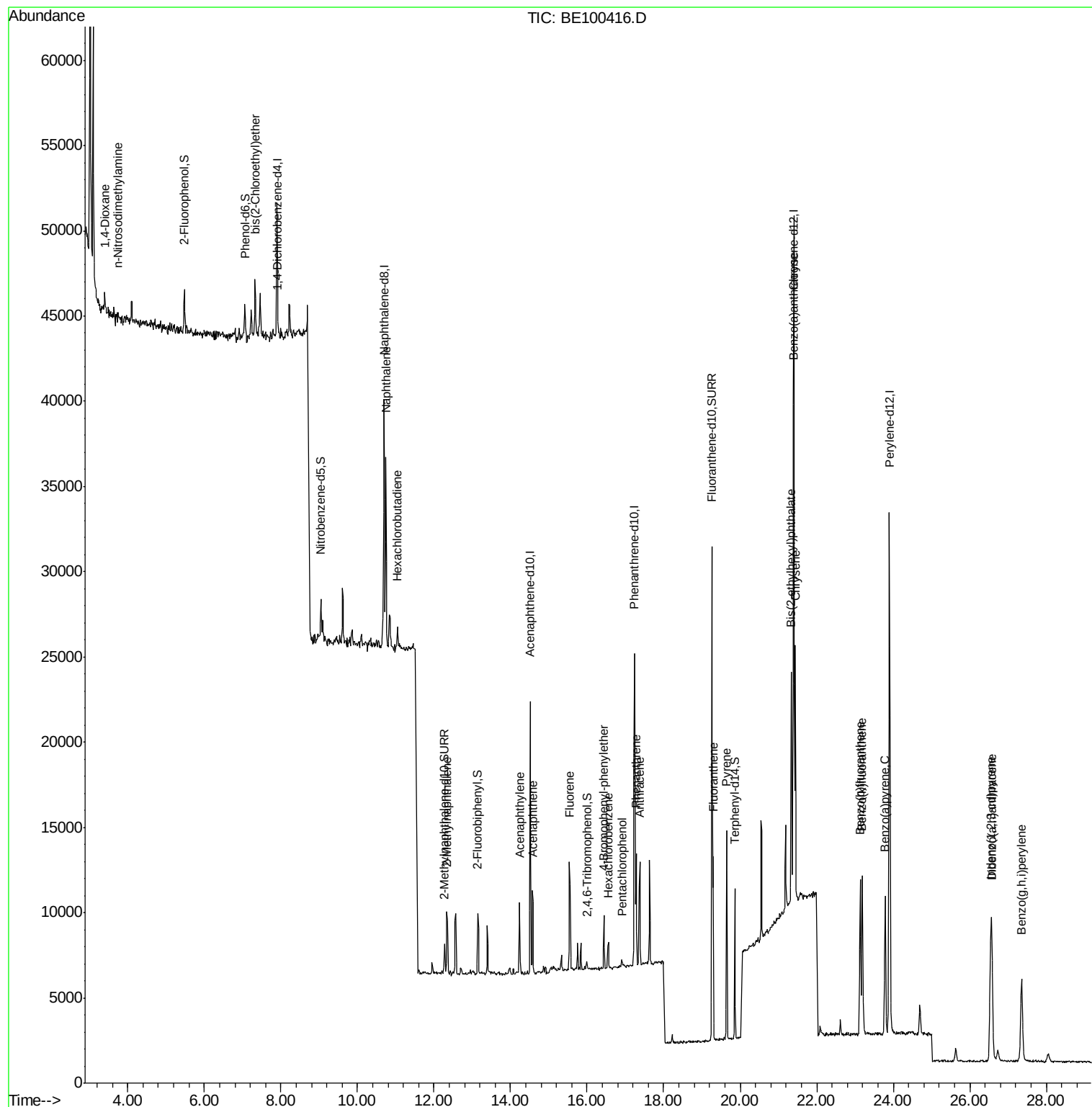
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	792	0.100	ng	# 100
3) n-Nitrosodimethylamine	3.75	42	440	0.135	ng	# 40
6) bis(2-Chloroethyl)ether	7.32	93	1293	0.194	ng	# 1
9) Naphthalene	10.74	128	17544	0.102	ng	# 90
10) Hexachlorobutadiene	11.04	225	893	0.037	ng	# 94
12) 2-Methylnaphthalene	12.34	142	2933	0.120	ng	# 85
16) Acenaphthylene	14.24	152	4945	0.109	ng	# 96
17) Acenaphthene	14.59	154	2926	0.113	ng	# 98
18) Fluorene	15.54	166	3881	0.090	ng	# 98
20) 4-Bromophenyl-phenylether	16.44	248	1432	0.095	ng	# 76
21) Hexachlorobenzene	16.56	284	1477	0.074	ng	# 93
22) Pentachlorophenol	16.91	266	395	0.157	ng	# 24
23) Phenanthrene	17.28	178	6831	0.116	ng	# 99
24) Anthracene	17.38	178	6811	0.142	ng	# 98
26) Fluoranthene	19.29	202	9917	0.090	ng	# 98
28) Pyrene	19.65	202	10708	0.131	ng	# 98
30) Benzo(a)anthracene	21.39	228	12726	0.127	ng	# 97
31) Chrysene	21.44	228	11960	0.104	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.33	149	19946	0.230	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.54	276	15051	0.094	ng	# 100
35) Benzo(b)fluoranthene	23.14	252	13214	0.117	ng	# 86
36) Benzo(k)fluoranthene	23.19	252	13336	0.095	ng	# 86
37) Benzo(a)pyrene	23.79	252	12520	0.105	ng	# 82
38) Dibenzo(a,h)anthracene	26.58	278	12115	0.103	ng	# 87
39) Benzo(g,h,i)perylene	27.35	276	12199	0.087	ng	# 88

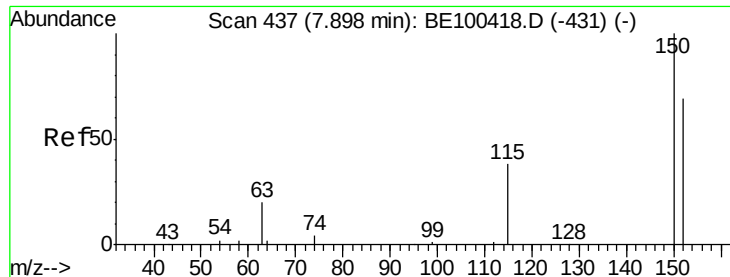
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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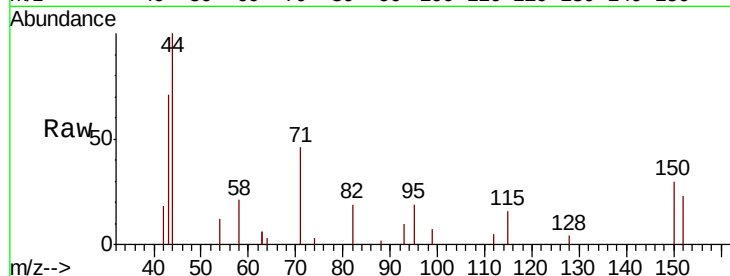


#1

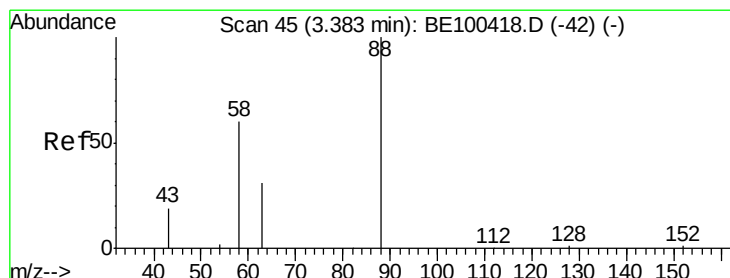
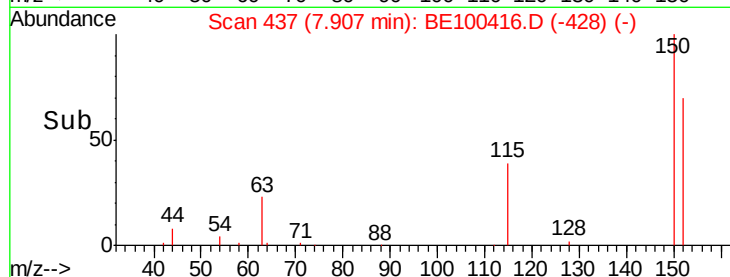
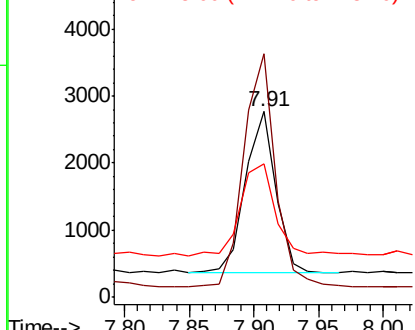
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 437
Delta R.T. 0.01 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 3979
Ion Ratio Lower Upper
152 100
150 131.2 108.8 163.2
115 72.1 54.2 81.2



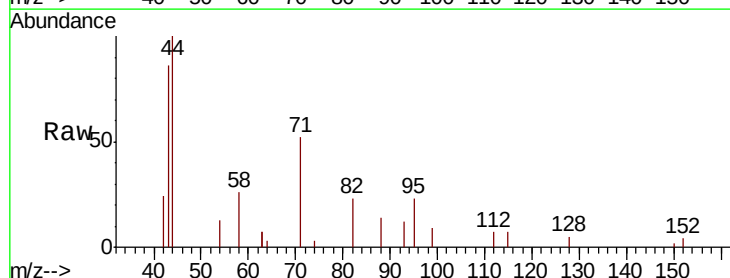
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



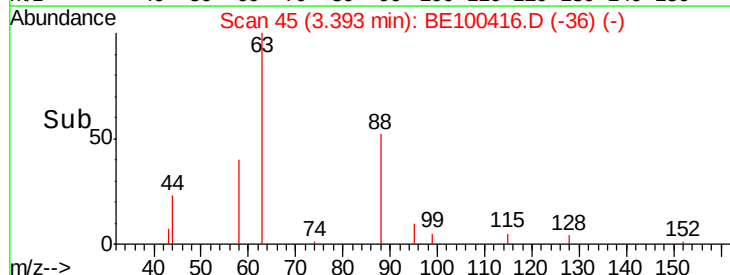
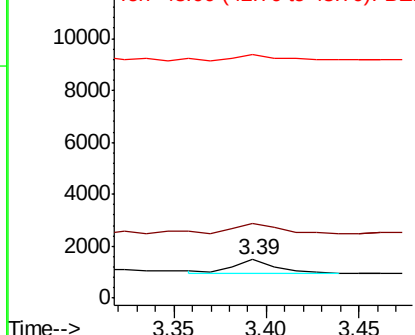
#2

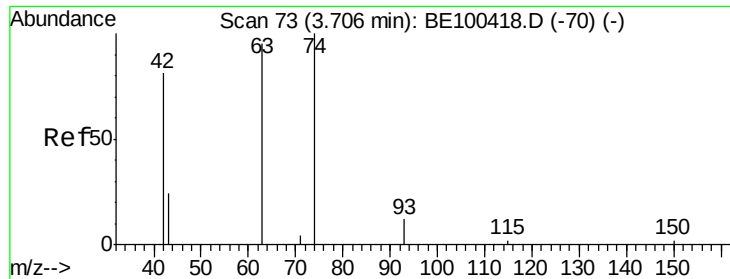
1,4-Dioxane
Concen: 0.100 ng
RT: 3.39 min Scan# 45
Delta R.T. 0.01 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Tgt Ion: 88 Resp: 792
Ion Ratio Lower Upper
88 100
58 100.9 0.0 0.0#
43 59.3 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: 0.135 ng

RT: 3.75 min Scan# 76

Delta R.T. 0.04 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampled :

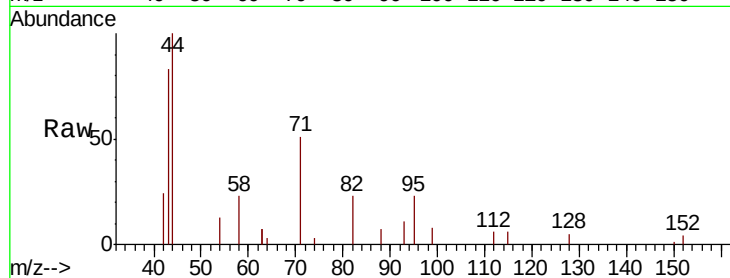
Tot Ion: 42 Resp: 440

Ion Ratio Lower Upper

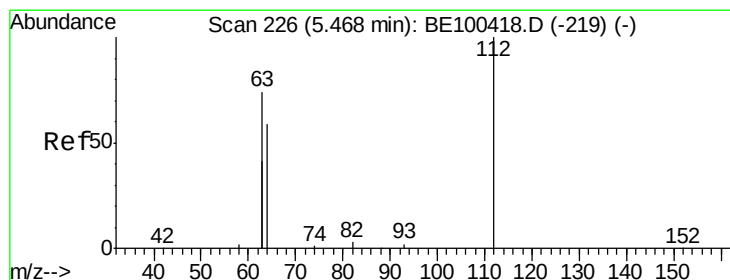
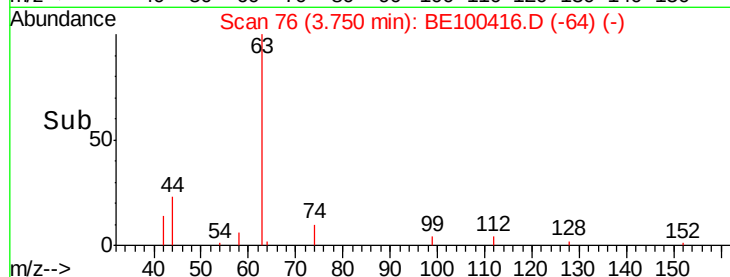
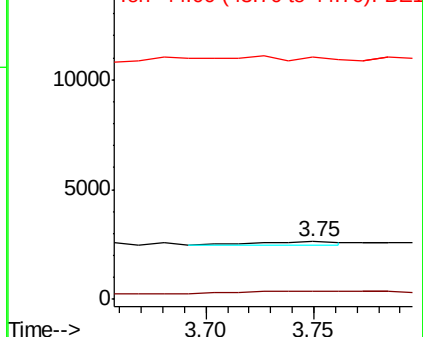
42 100

74 63.9 112.3 168.5#

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: 0.152 ng

RT: 5.48 min Scan# 226

Delta R.T. 0.01 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

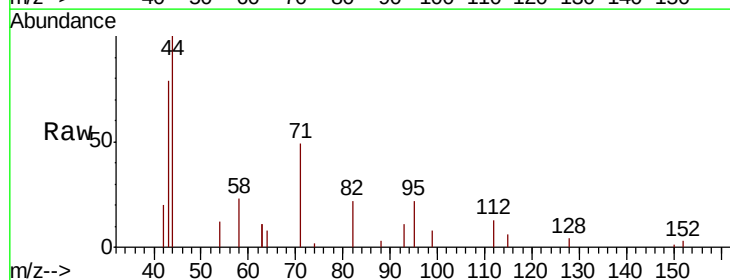
Tgt Ion: 112 Resp: 1326

Ion Ratio Lower Upper

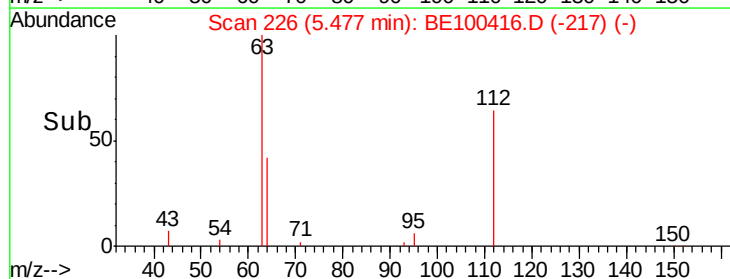
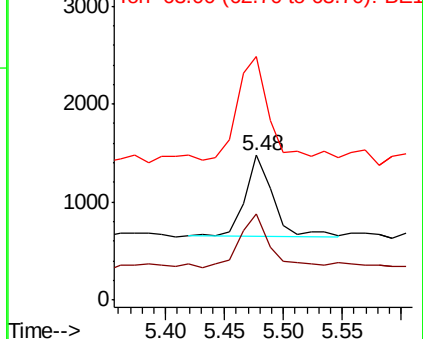
112 100

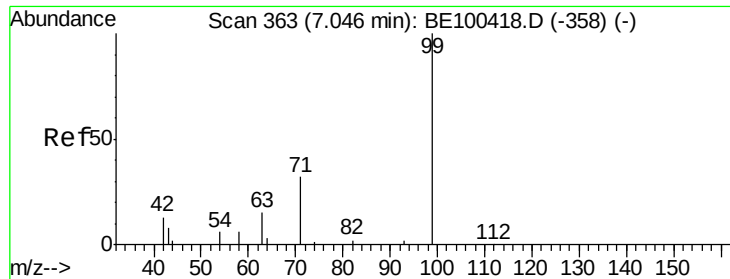
64 76.0 56.6 84.8

63 144.8 120.2 180.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.229 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.01 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

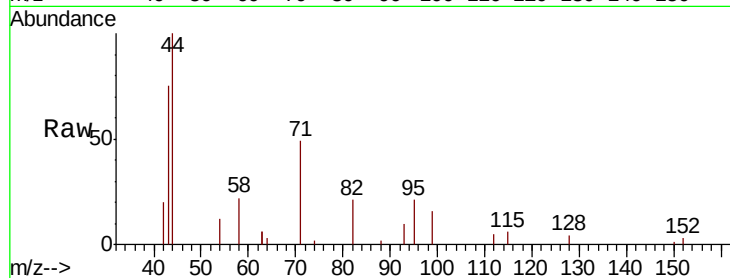
Tot Ion: 99 Resp: 2019

Ion Ratio Lower Upper

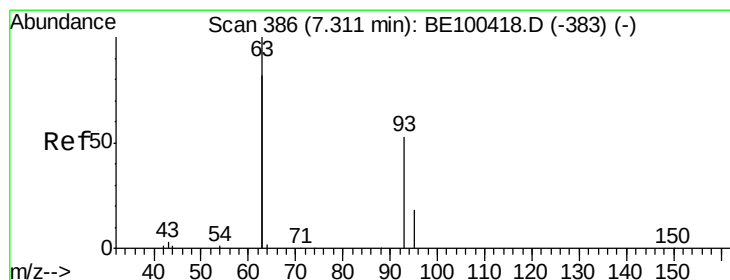
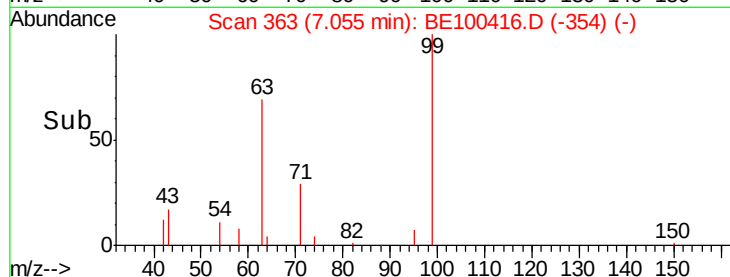
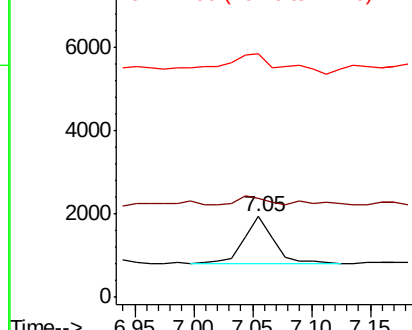
99 100

42 16.9 0.0 0.0#

71 74.7 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: 0.194 ng

RT: 7.32 min Scan# 386

Delta R.T. 0.01 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

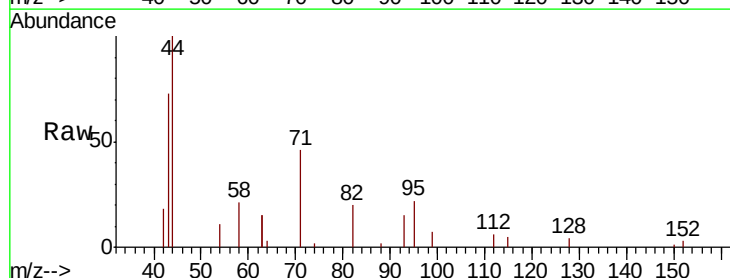
Tgt Ion: 93 Resp: 1293

Ion Ratio Lower Upper

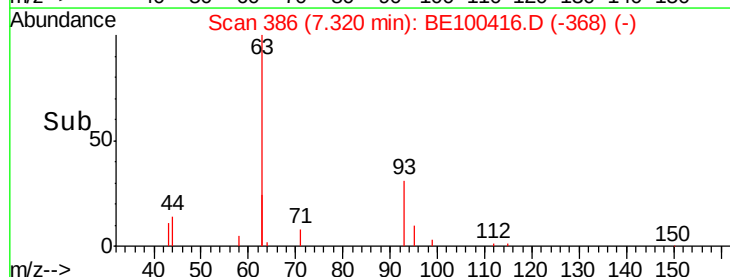
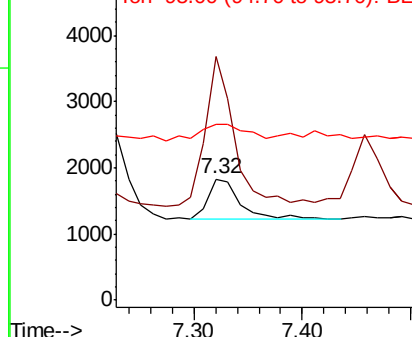
93 100

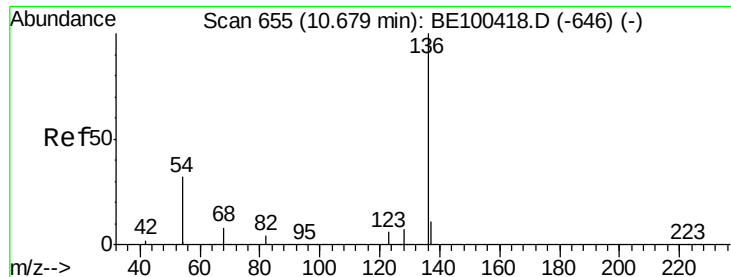
63 333.3 101.4 152.2#

95 58.1 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: 10.69 min Scan# 655

Delta R.T. 0.01 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 16000

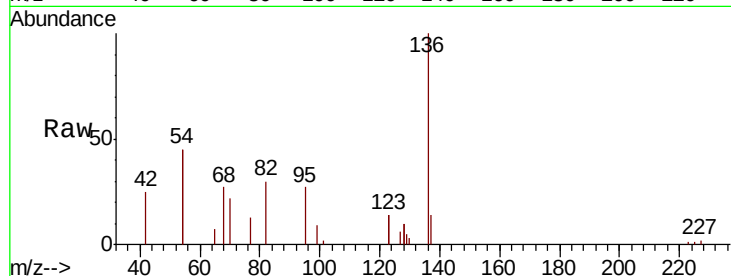
Ion Ratio Lower Upper

136 100

137 14.0 10.1 15.1

54 89.8 49.8 74.6#

68 26.6 14.0 21.0#

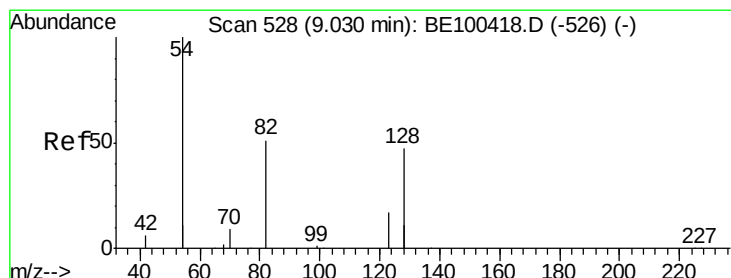
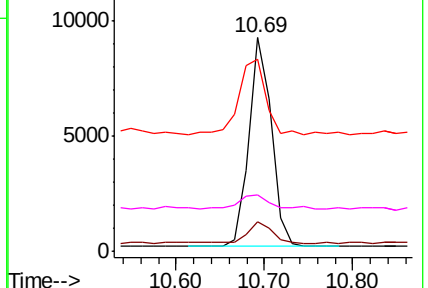
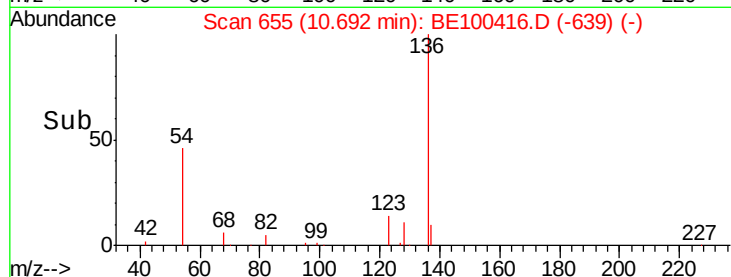


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.069 ng

RT: 9.04 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

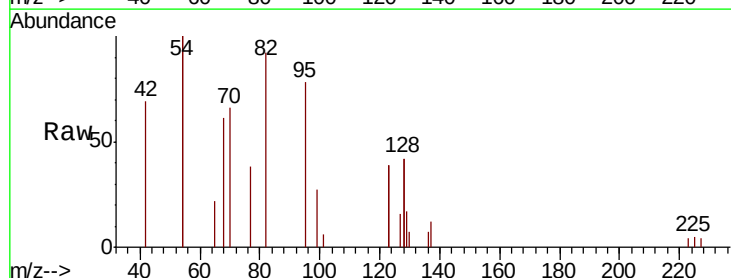
Tgt Ion: 82 Resp: 1277

Ion Ratio Lower Upper

82 100

128 90.4 88.3 132.5

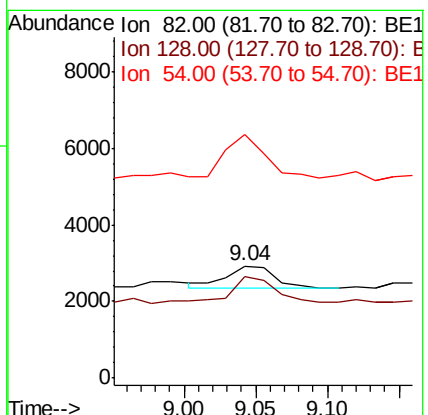
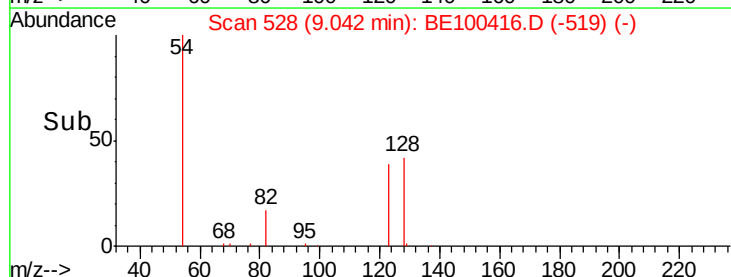
54 216.9 189.6 284.4

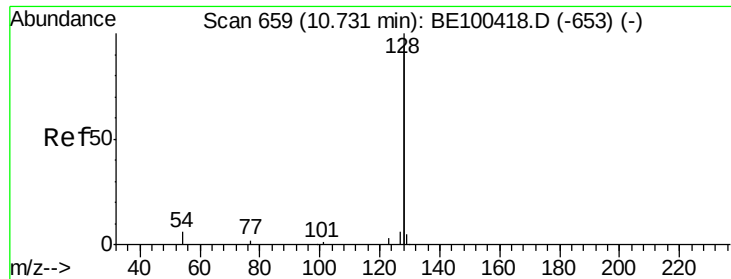


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

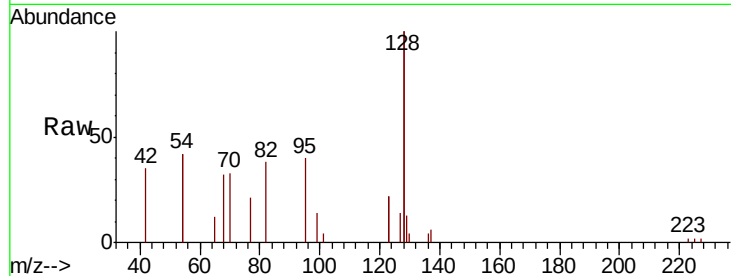




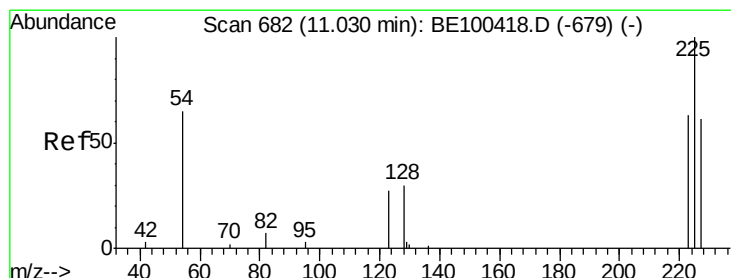
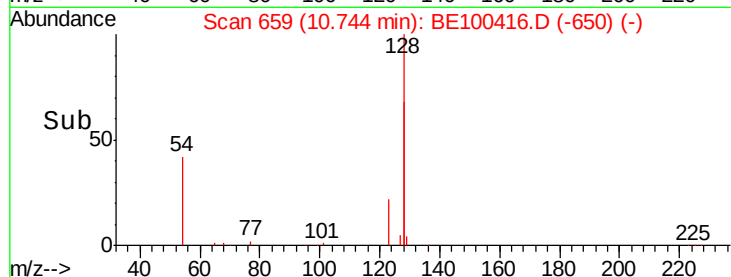
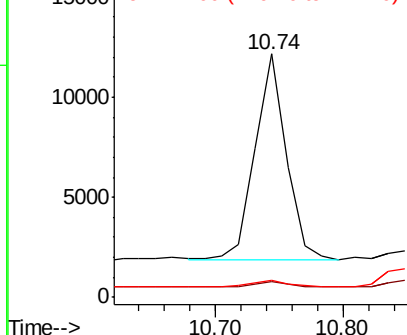
#9
Naphthalene
Concen: 0.102 ng
RT: 10.74 min Scan# 659
Delta R.T. 0.01 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 17544
Ion Ratio Lower Upper
128 100
129 6.6 2.7 4.1#
127 7.0 3.0 4.4#

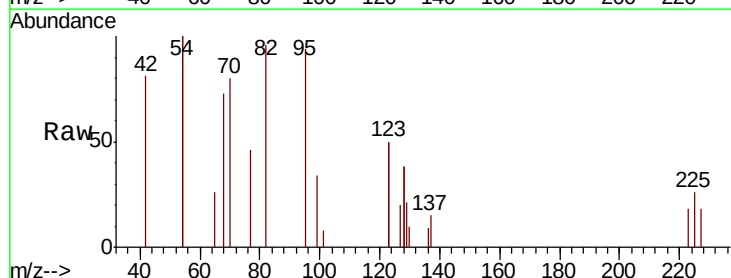


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

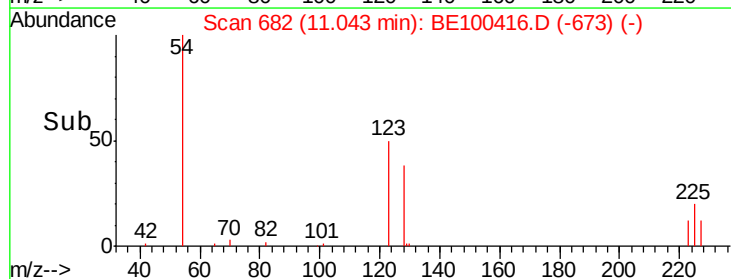
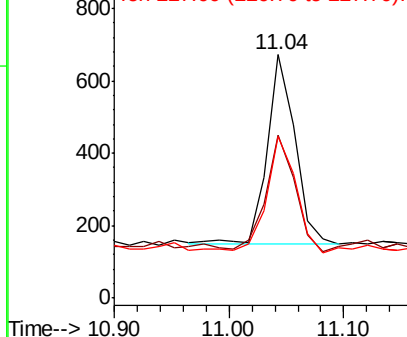


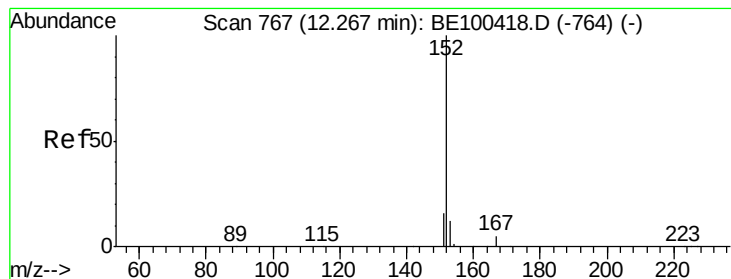
#10
Hexachlorobutadiene
Concen: 0.037 ng
RT: 11.04 min Scan# 682
Delta R.T. 0.01 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Tgt Ion:225 Resp: 893
Ion Ratio Lower Upper
225 100
223 64.3 48.2 72.4
227 64.4 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

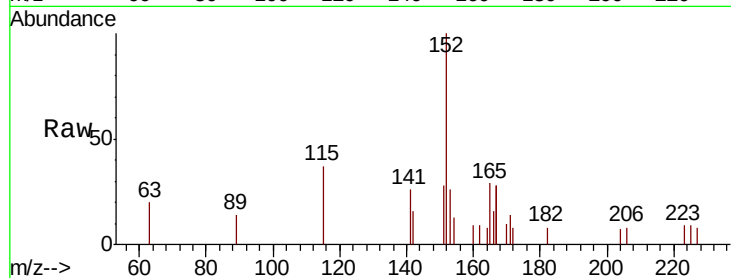




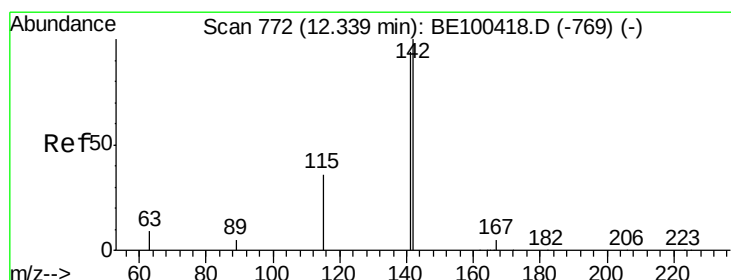
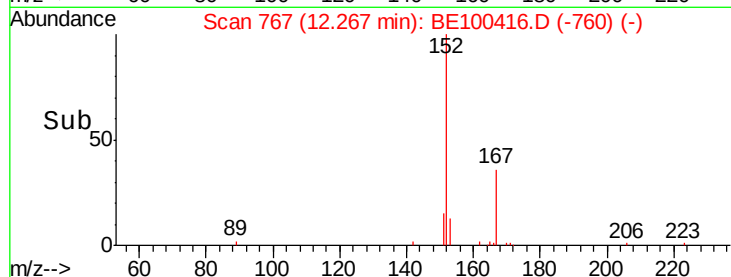
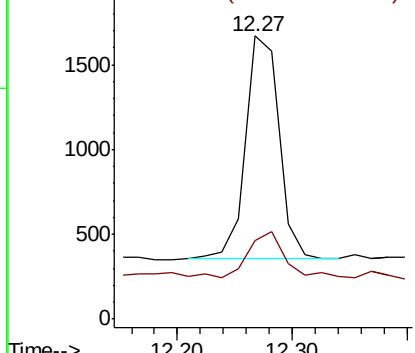
#11
 2-Methylnaphthalene-d10
 Concen: 0.095 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE100416.D
 Acq: 12 Jul 2019 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 2615
 Ion Ratio Lower Upper
 152 100
 151 22.4 15.8 23.6

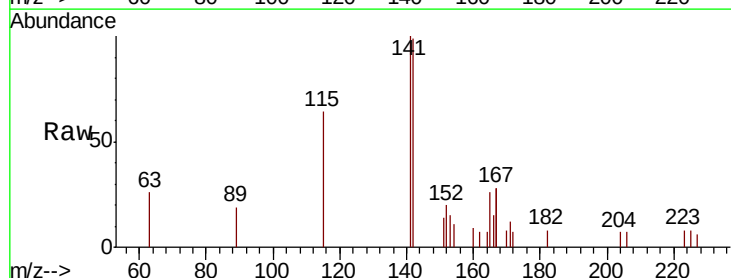


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E

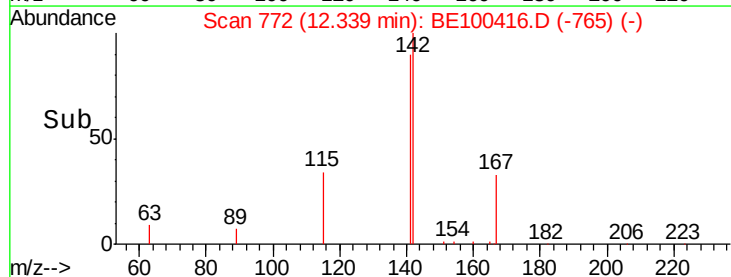
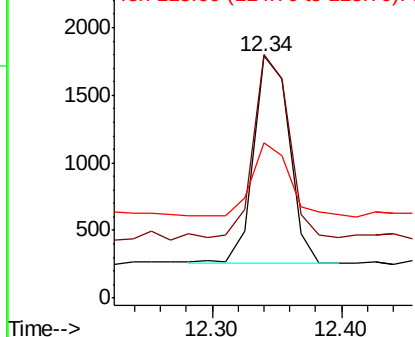


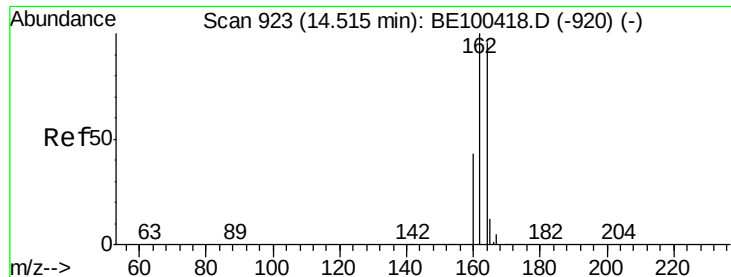
#12
 2-Methylnaphthalene
 Concen: 0.120 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE100416.D
 Acq: 12 Jul 2019 11:46

Tgt Ion:142 Resp: 2933
 Ion Ratio Lower Upper
 142 100
 141 100.7 76.2 114.2
 115 64.1 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

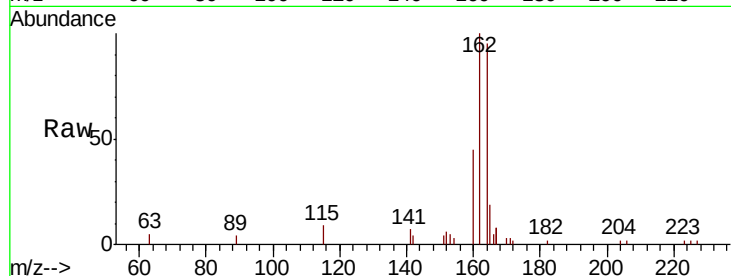




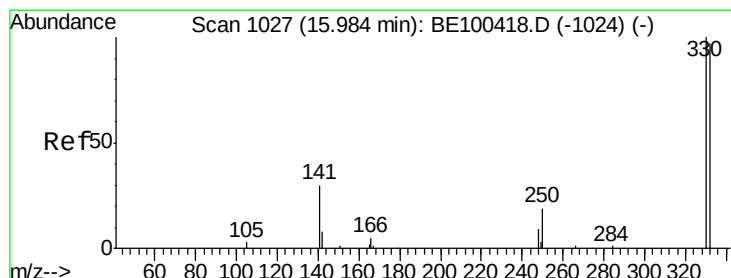
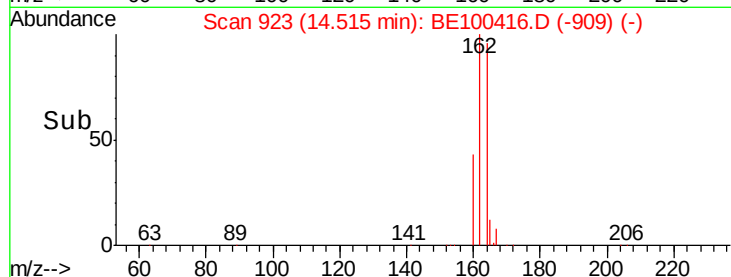
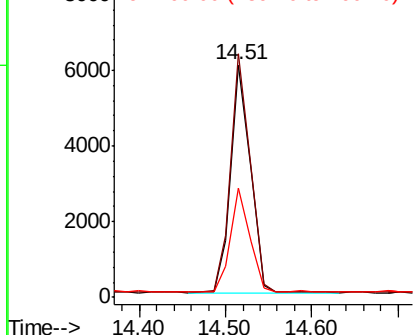
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 9517
Ion Ratio Lower Upper
164 100
162 104.9 83.0 124.4
160 46.8 37.0 55.4

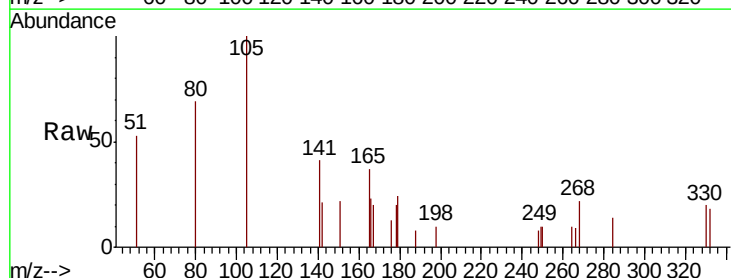


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

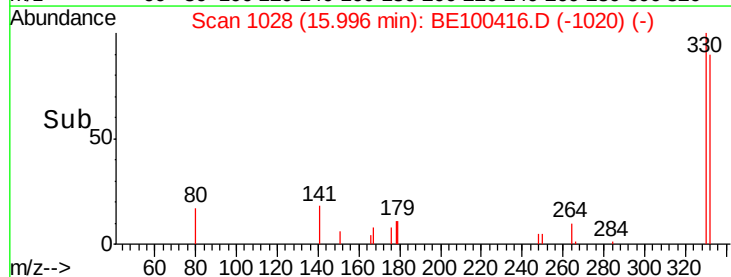
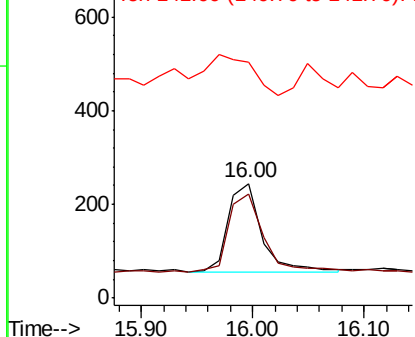


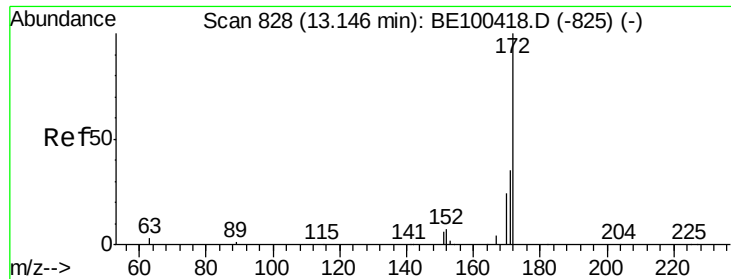
#14
2,4,6-Tribromophenol
Concen: 0.067 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Tgt Ion:330 Resp: 394
Ion Ratio Lower Upper
330 100
332 93.7 82.2 123.2
141 0.0 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

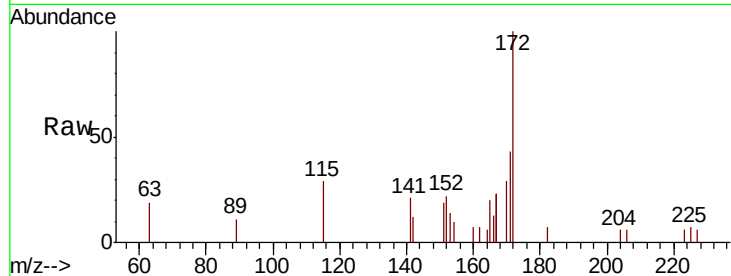




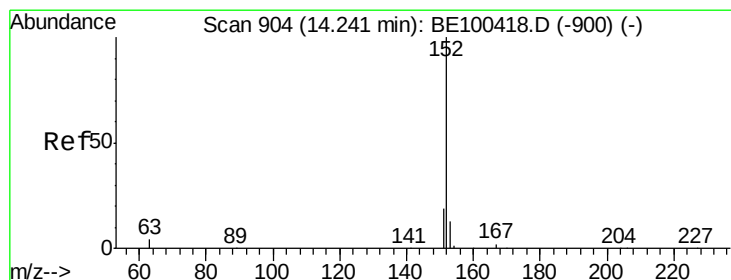
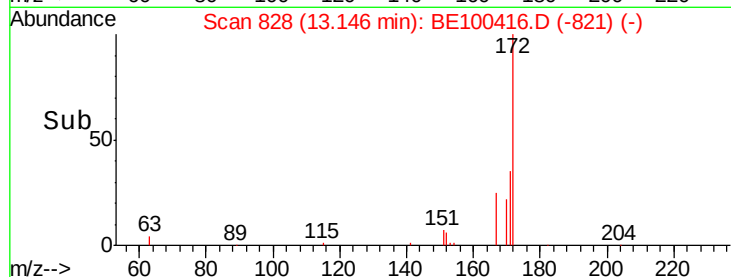
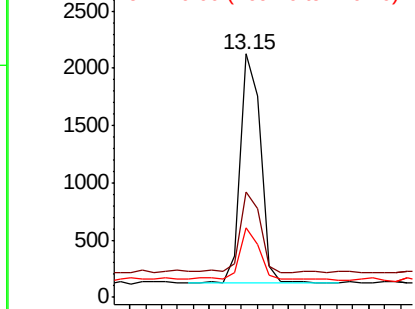
#15
2-Fluorobiphenyl
Concen: 0.085 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3548
Ion Ratio Lower Upper
172 100
171 43.1 29.0 43.4
170 28.7 19.7 29.5

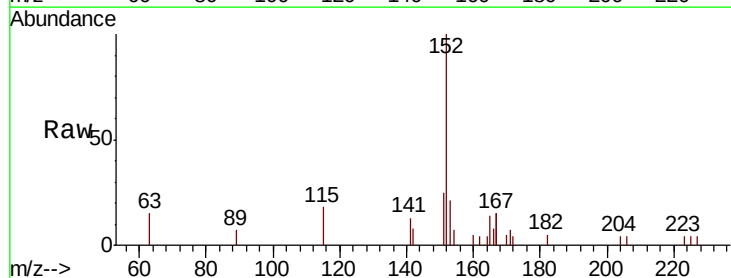


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

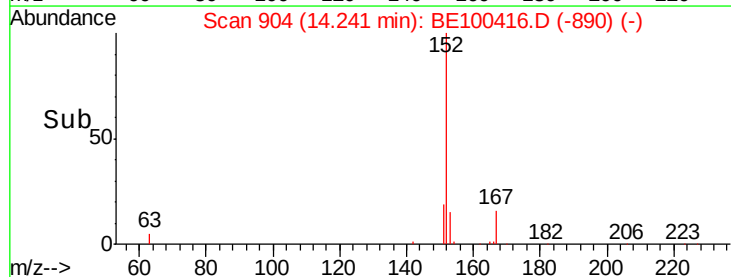
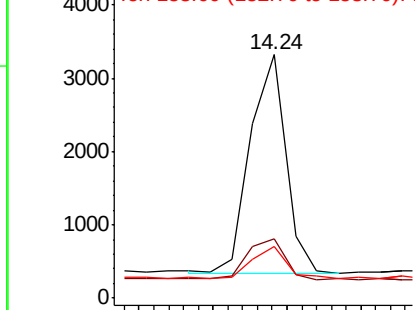


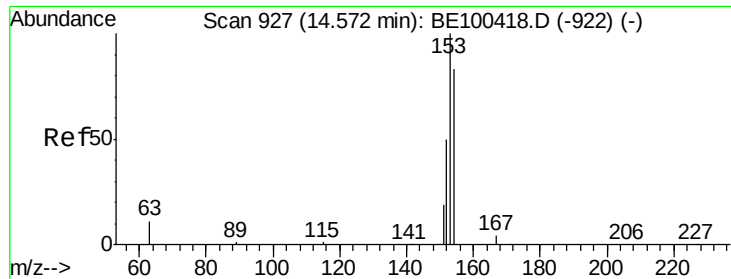
#16
Acenaphthylene
Concen: 0.109 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Tgt Ion:152 Resp: 4945
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.2
153 16.0 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

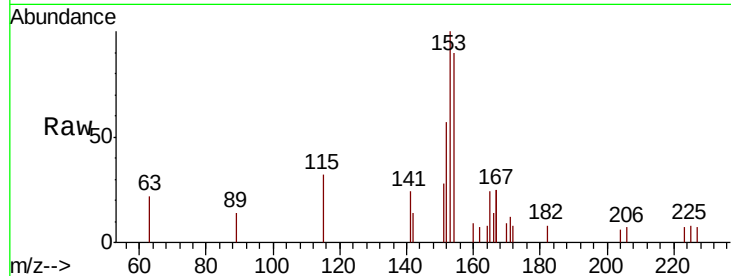




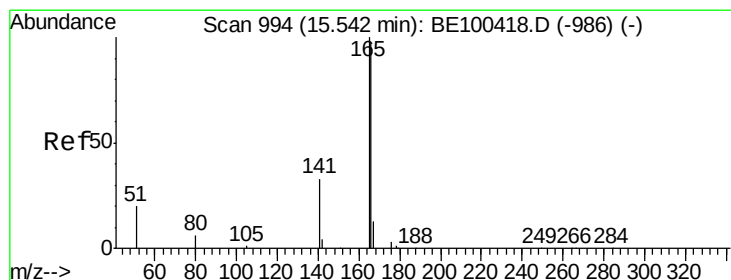
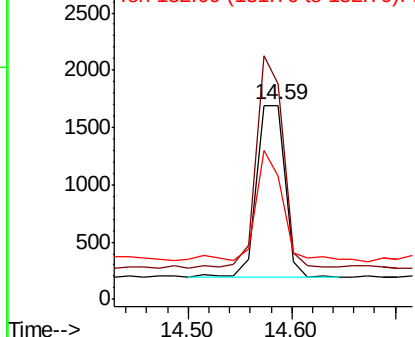
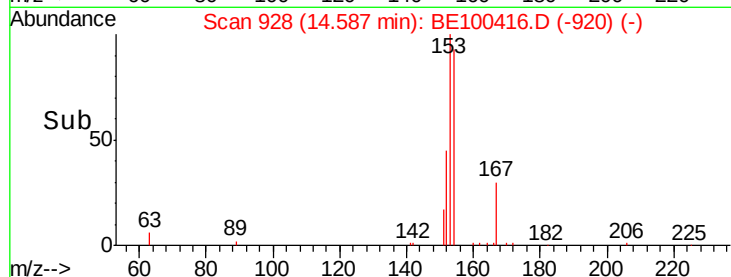
#17
Acenaphthene
Concen: 0.113 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.01 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 2926
Ion Ratio Lower Upper
154 100
153 113.3 92.6 138.8
152 56.5 44.5 66.7

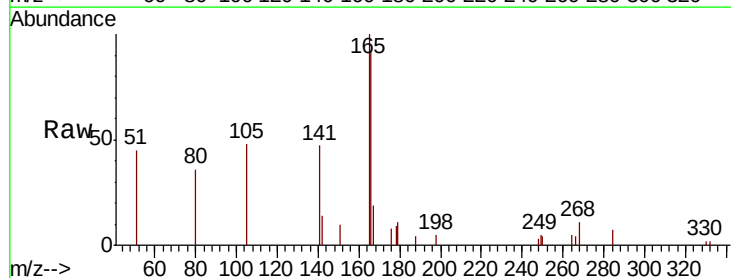


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

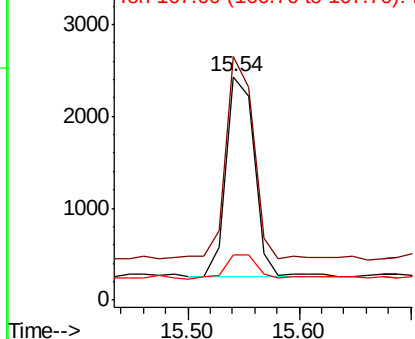
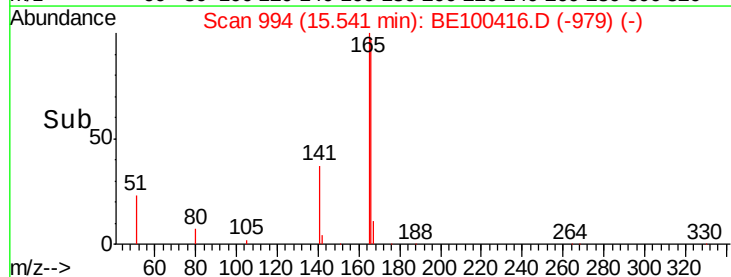


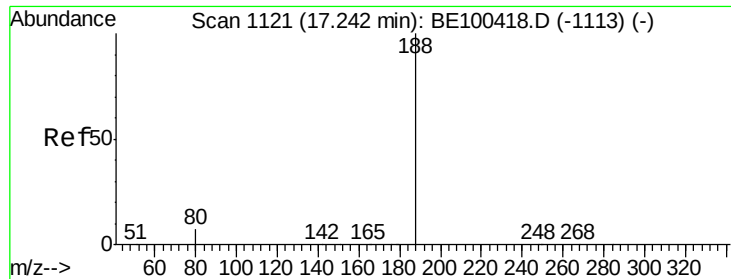
#18
Fluorene
Concen: 0.090 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Tgt Ion:166 Resp: 3881
Ion Ratio Lower Upper
166 100
165 102.0 80.0 120.0
167 15.0 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

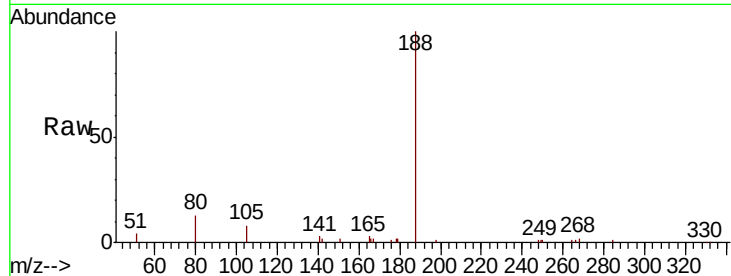




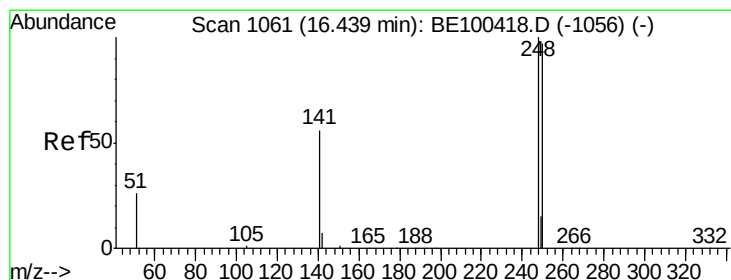
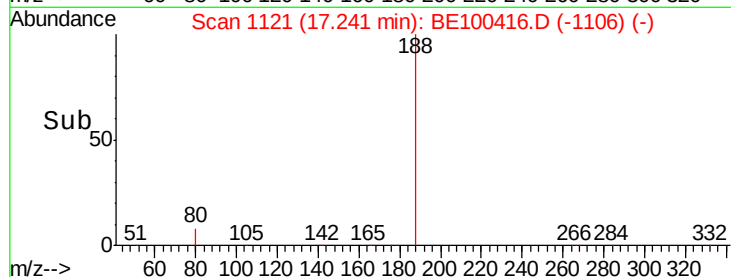
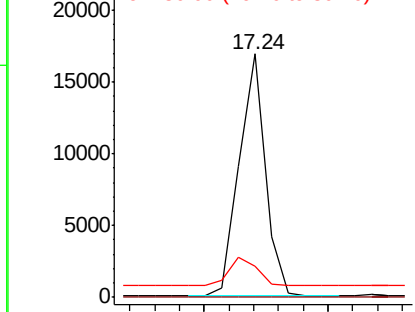
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 24750
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 7.7 11.5#

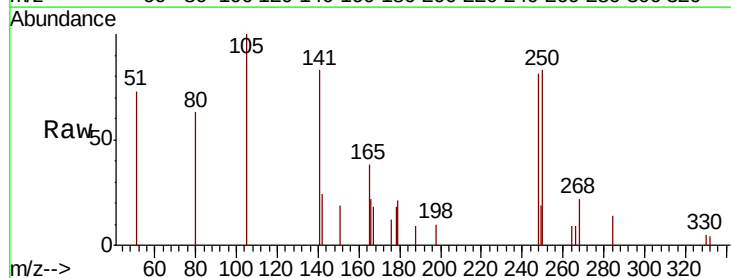


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

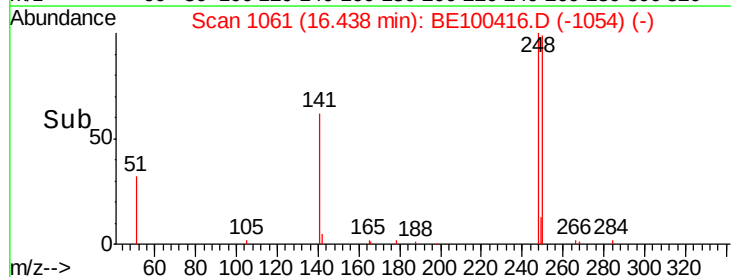
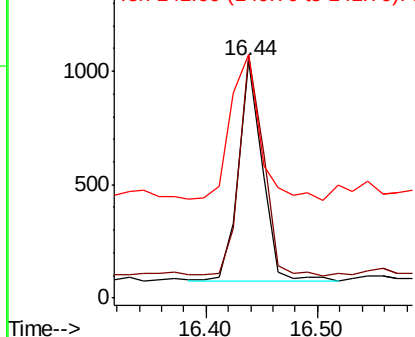


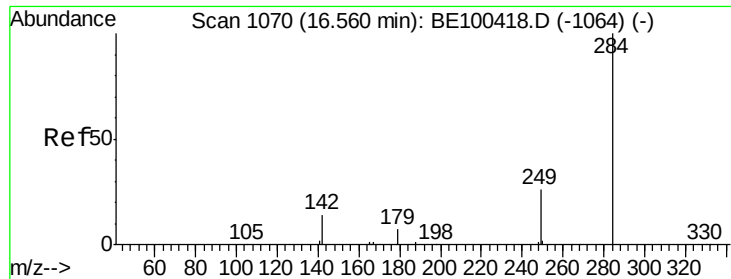
#20
4-Bromophenyl-phenylether
Concen: 0.095 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100416.D
Acq: 12 Jul 2019 11:46

Tgt Ion:248 Resp: 1432
Ion Ratio Lower Upper
248 100
250 102.5 77.8 116.6
141 102.3 49.0 73.6#



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: 0.074 ng

RT: 16.56 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

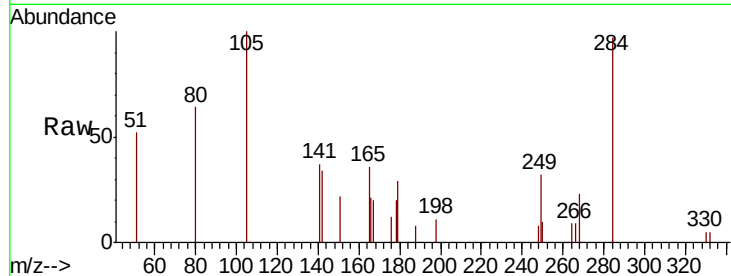
Tot Ion:284 Resp: 1477

Ion Ratio Lower Upper

284 100

142 40.5 26.7 40.1#

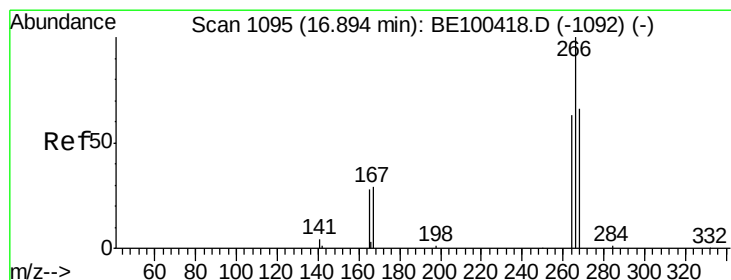
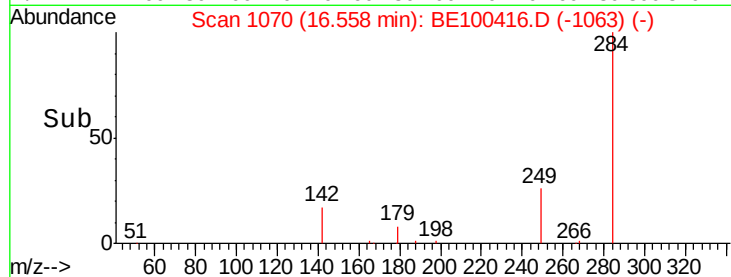
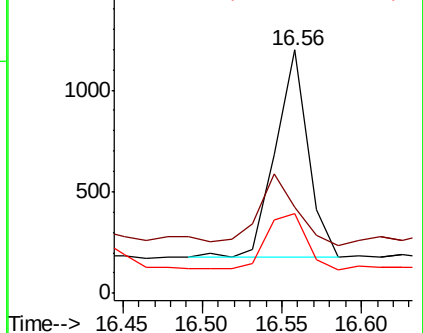
249 32.8 25.6 38.4



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: 0.157 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

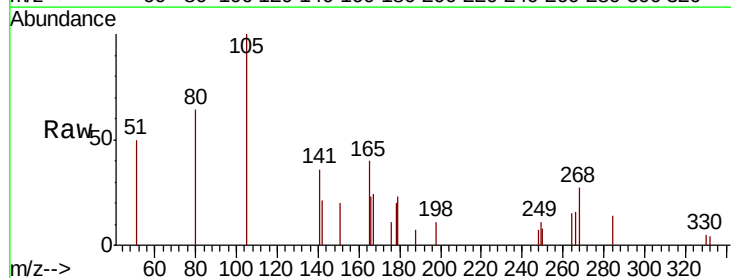
Tgt Ion:266 Resp: 395

Ion Ratio Lower Upper

266 100

264 94.1 53.3 79.9#

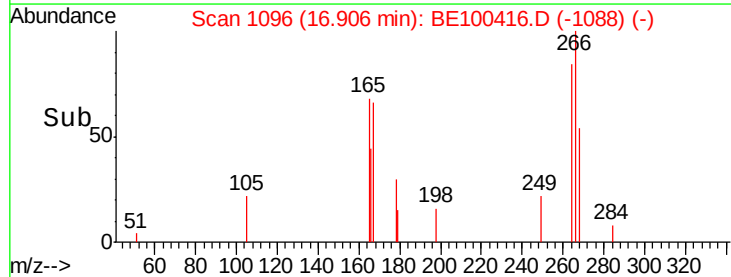
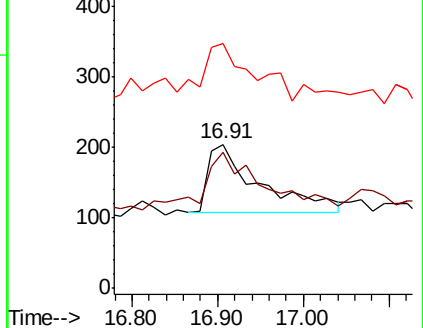
268 170.1 59.1 88.7#

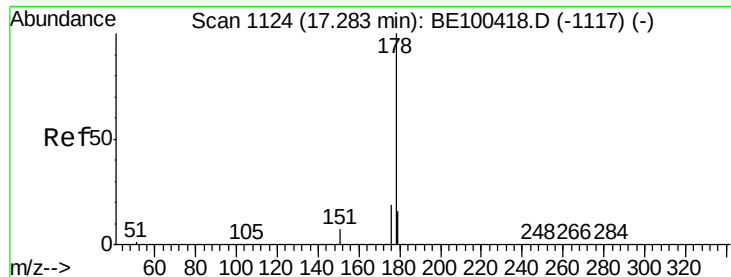


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.116 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

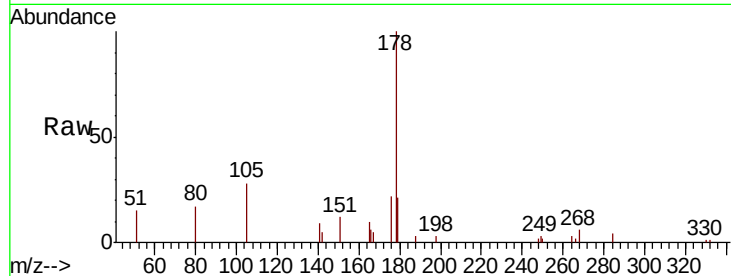
Tot Ion:178 Resp: 6831

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

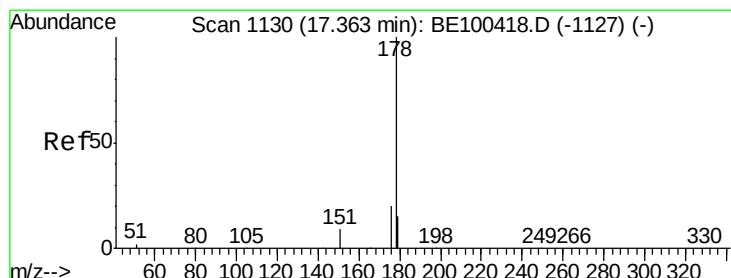
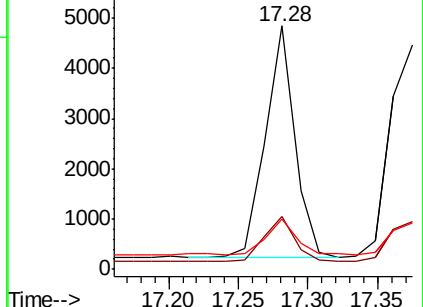
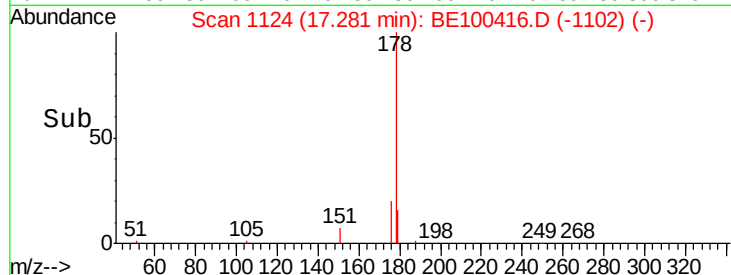
179 16.3 12.6 18.8



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



#24

Anthracene

Concen: 0.142 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

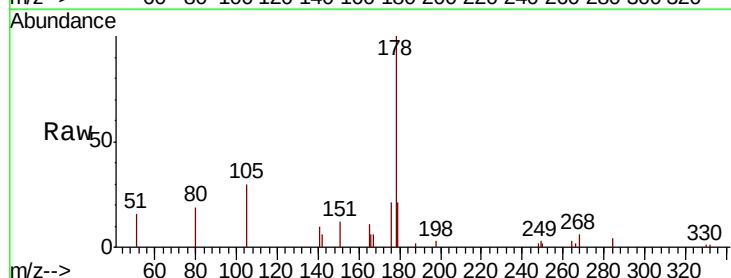
Tgt Ion:178 Resp: 6811

Ion Ratio Lower Upper

178 100

176 20.3 15.0 22.6

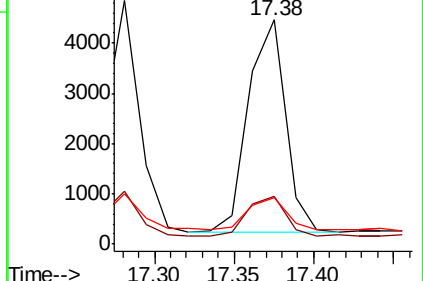
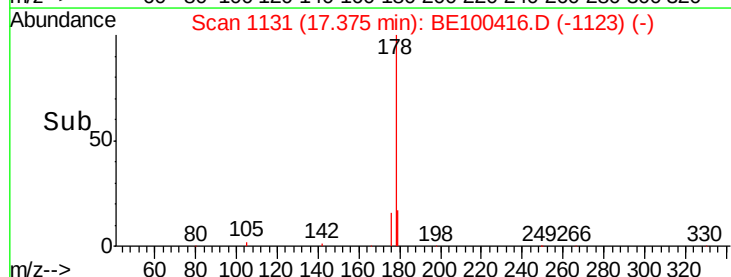
179 16.2 12.6 19.0

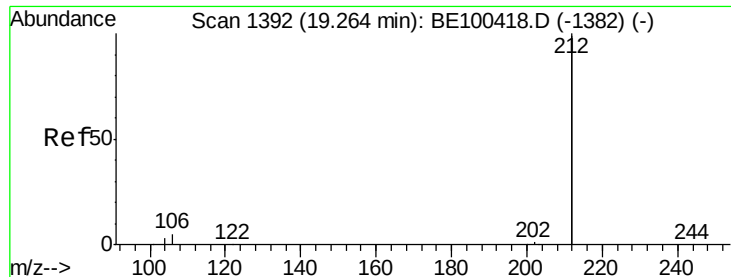


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.092 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

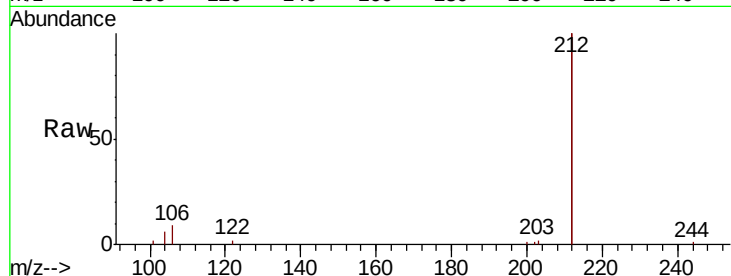
Tot Ion:212 Resp: 37595

Ion Ratio Lower Upper

212 100

106 3.4 2.5 3.7

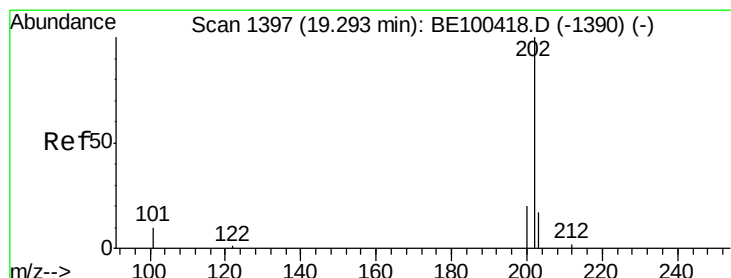
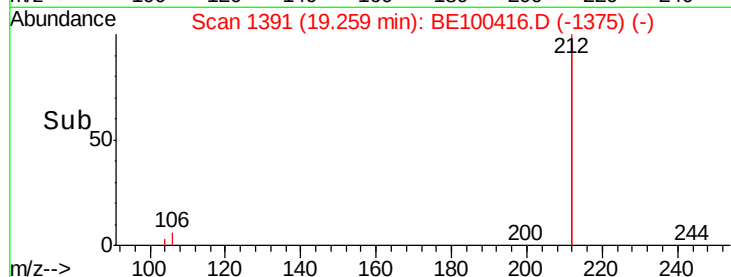
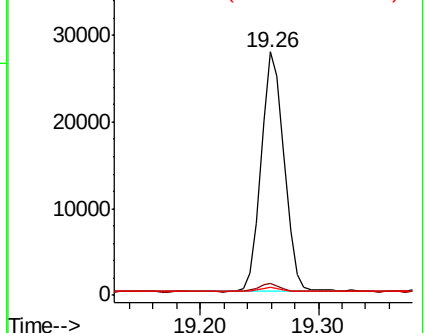
104 1.7 1.4 2.0



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: 0.090 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

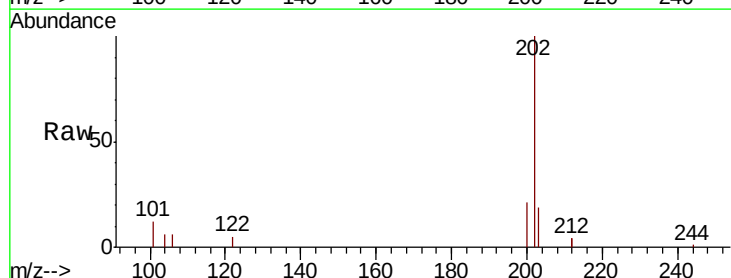
Tgt Ion:202 Resp: 9917

Ion Ratio Lower Upper

202 100

101 12.1 8.9 13.3

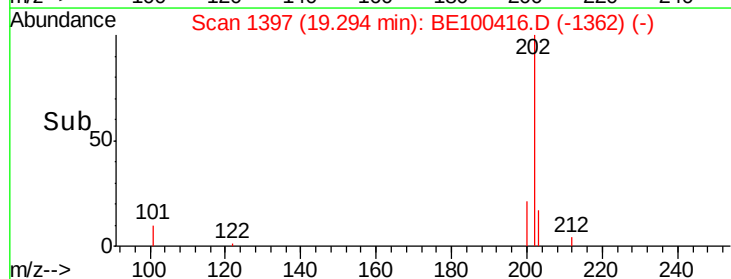
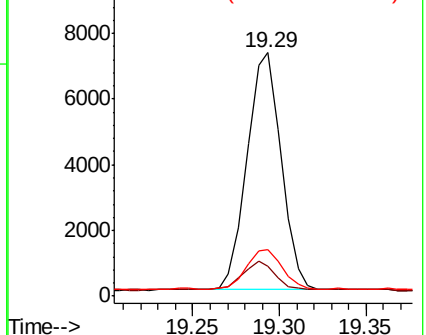
203 17.5 13.8 20.6

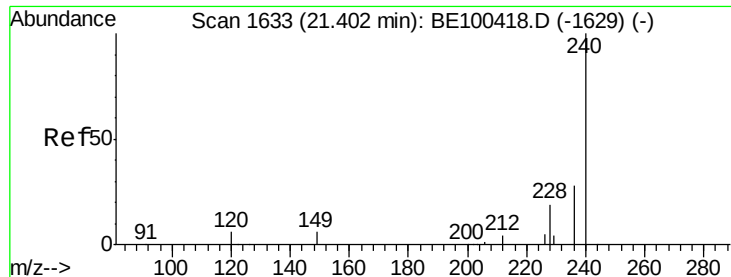


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

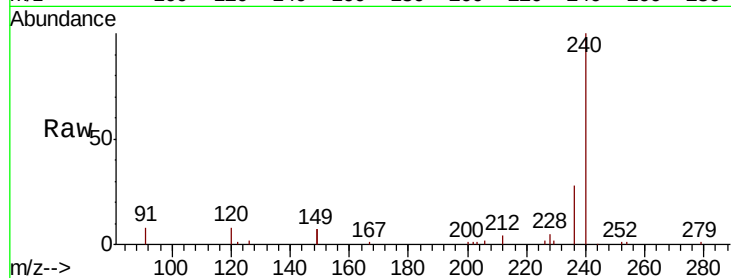
Tot Ion:240 Resp: 35589

Ion Ratio Lower Upper

240 100

120 8.1 6.1 9.1

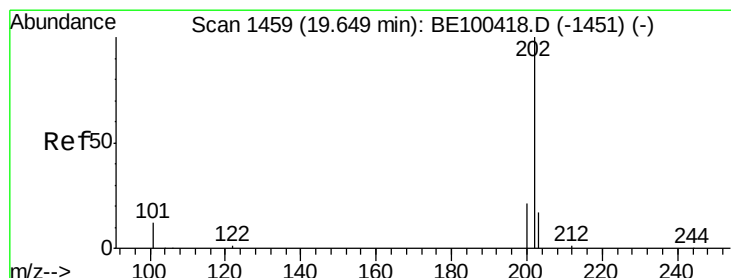
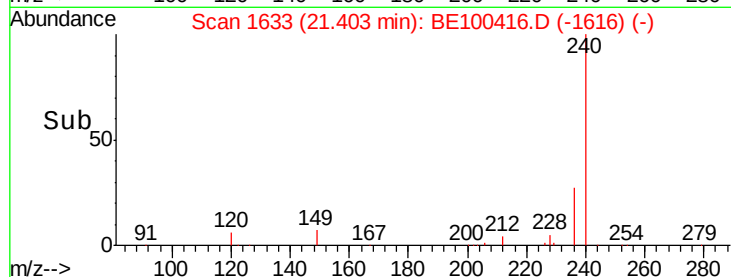
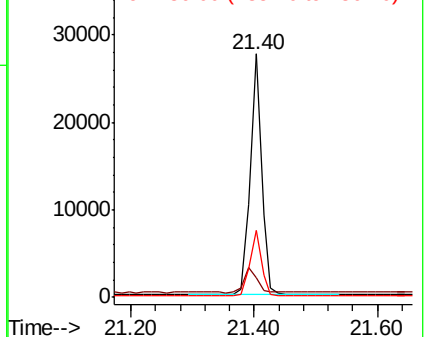
236 27.6 22.5 33.7



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: 0.131 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

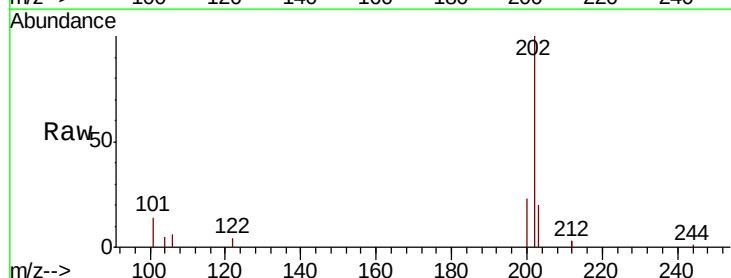
Tgt Ion:202 Resp: 10708

Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

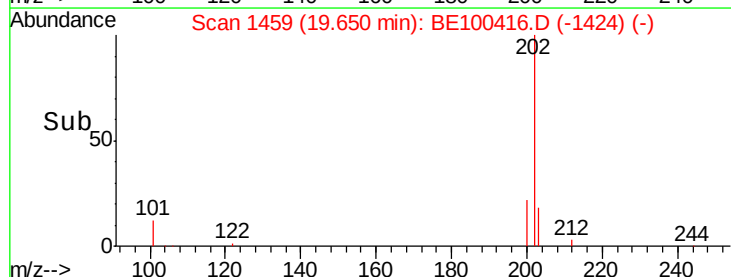
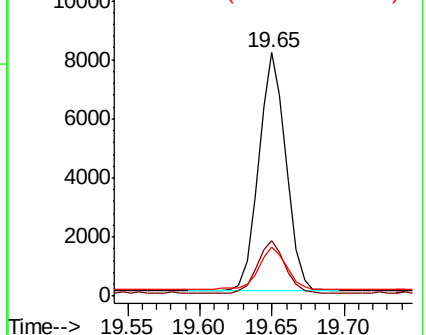
203 18.5 14.1 21.1

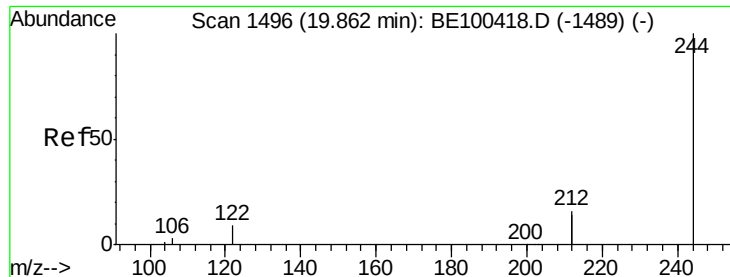


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.117 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

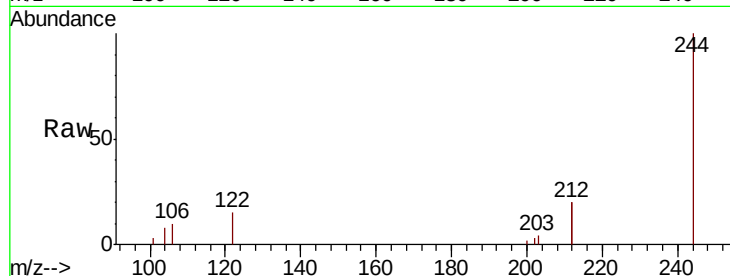
Tot Ion:244 Resp: 7662

Ion Ratio Lower Upper

244 100

212 39.0 25.0 37.6#

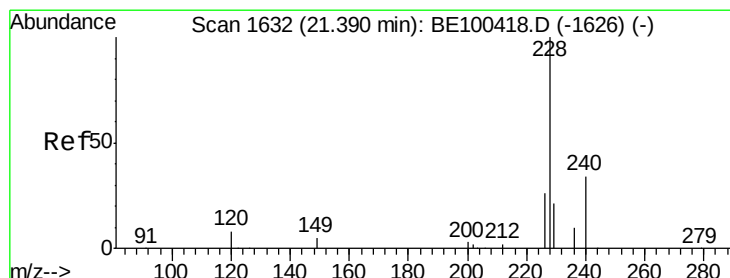
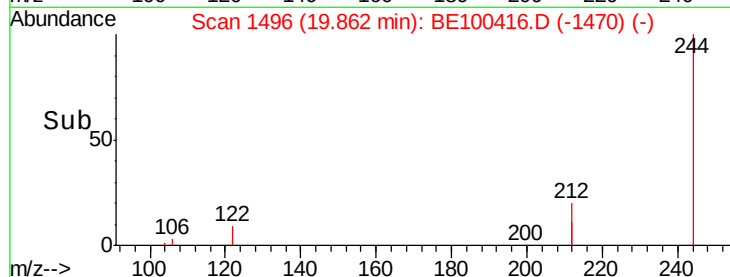
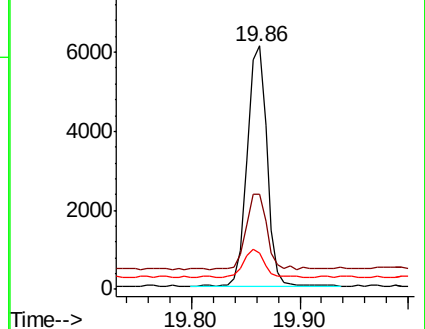
122 14.7 7.7 11.5#



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: 0.127 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

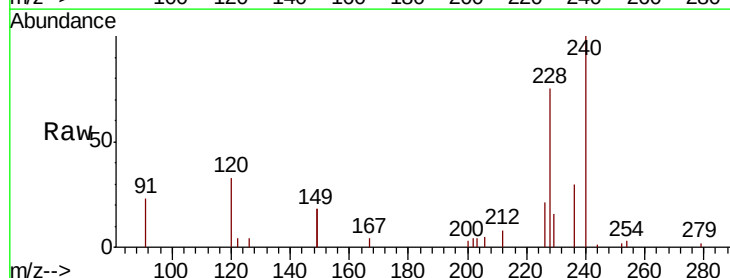
Tgt Ion:228 Resp: 12726

Ion Ratio Lower Upper

228 100

226 28.3 21.0 31.4

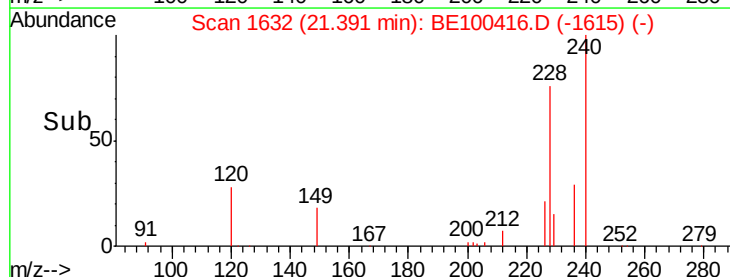
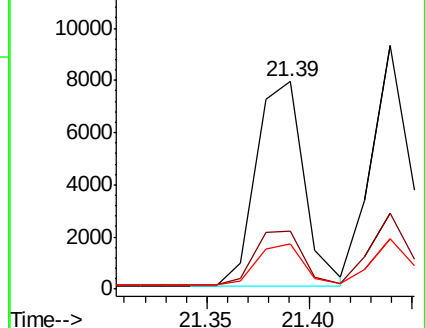
229 21.5 16.7 25.1

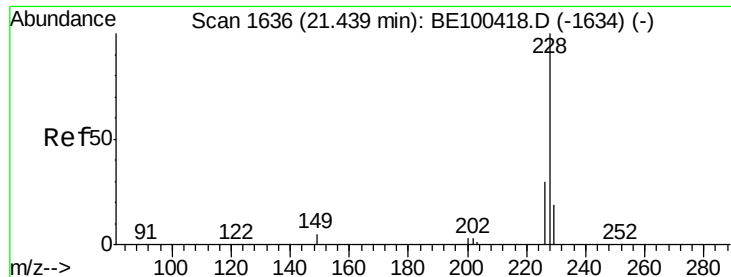


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.104 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

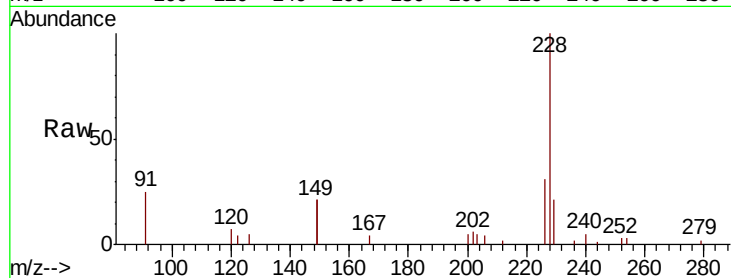
Tot Ion:228 Resp: 11960

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 20.6 15.7 23.5

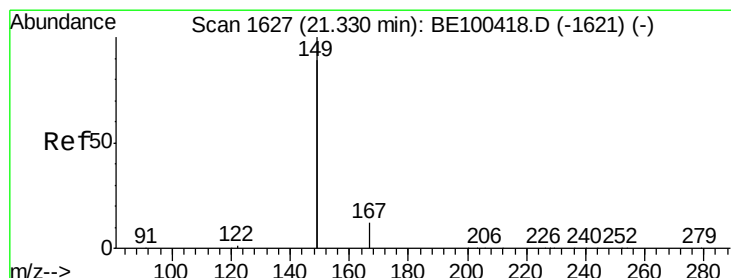
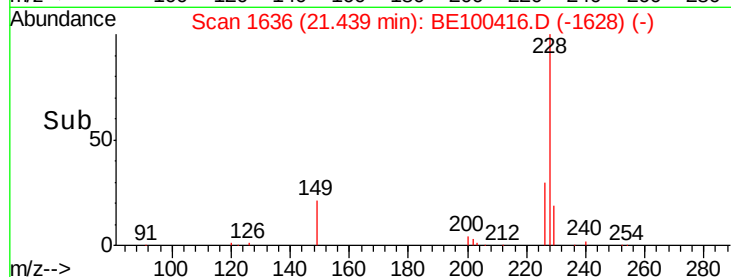
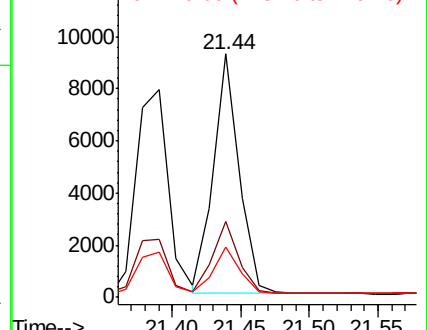


Abundance

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: 0.230 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

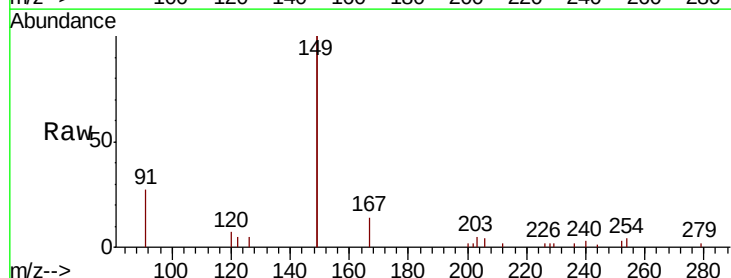
Tgt Ion:149 Resp: 19946

Ion Ratio Lower Upper

149 100

167 7.8 5.4 8.2

279 1.2 0.8 1.2

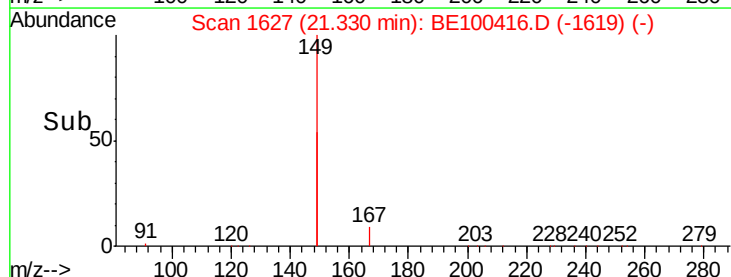
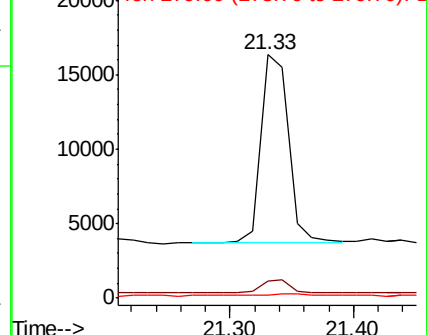


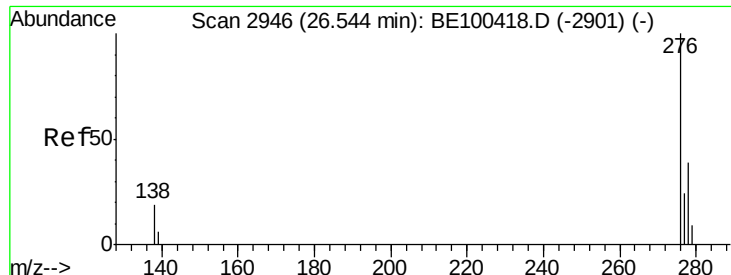
Abundance

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: 0.094 ng

RT: 26.54 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

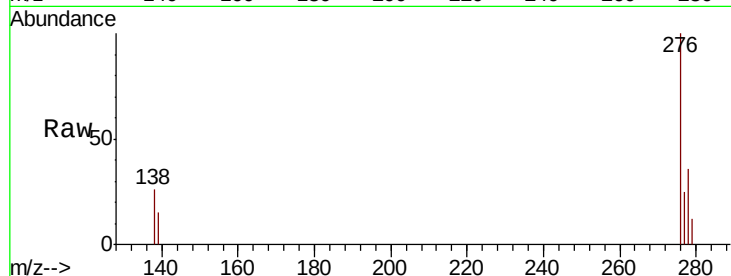
Tot Ion:276 Resp: 15051

Ion Ratio Lower Upper

276 100

138 22.6 0.0 0.0#

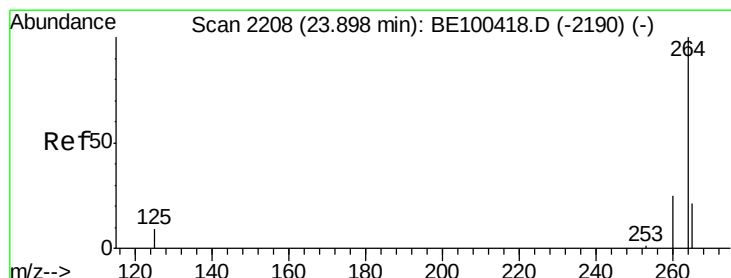
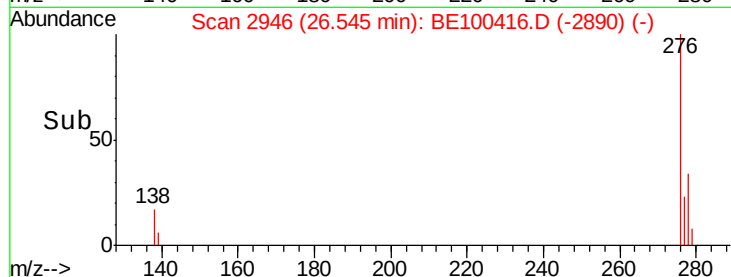
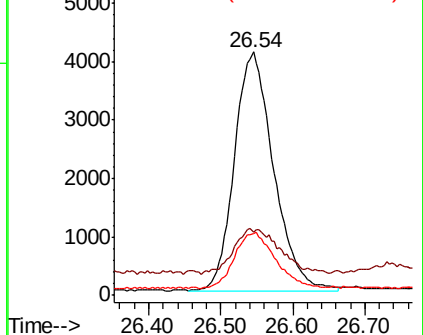
277 24.0 0.0 0.0#



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: BE100416.D

Acq: 12 Jul 2019 11:46

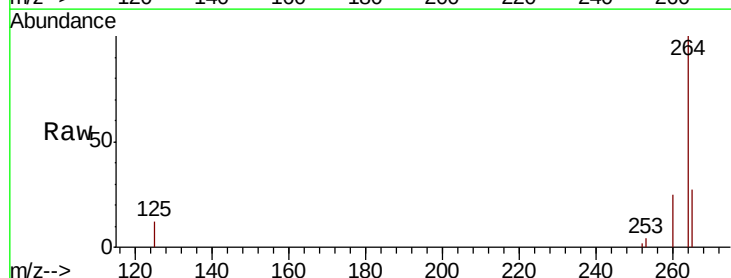
Tgt Ion:264 Resp: 42354

Ion Ratio Lower Upper

264 100

260 25.2 20.0 30.0

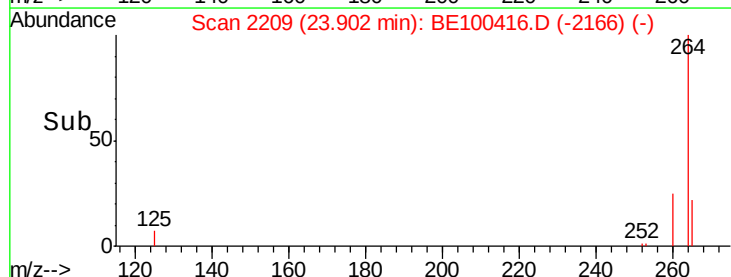
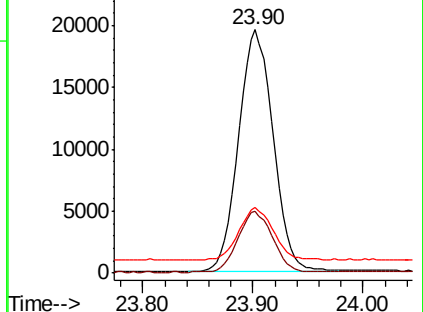
265 27.2 20.8 31.2

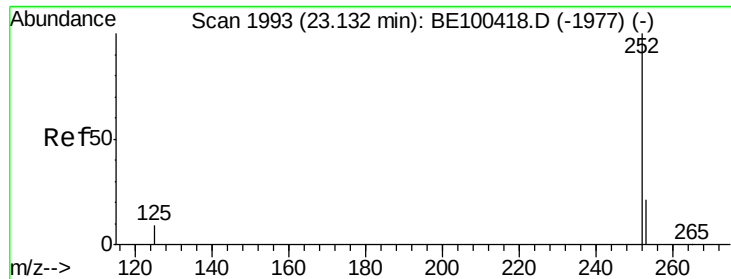


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.117 ng

RT: 23.14 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

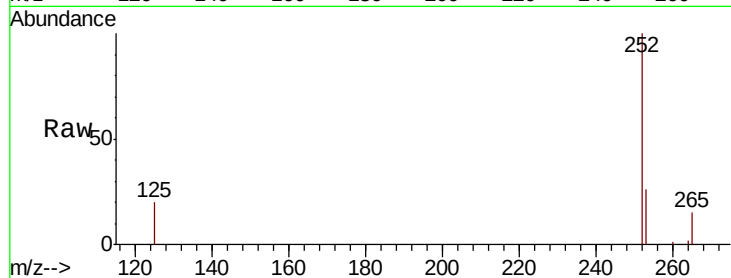
Tot Ion:252 Resp: 13214

Ion Ratio Lower Upper

252 100

253 26.3 17.9 26.9

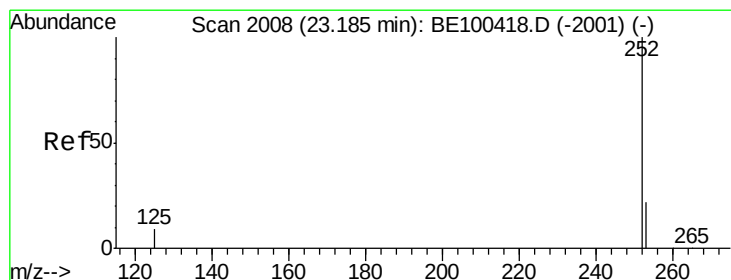
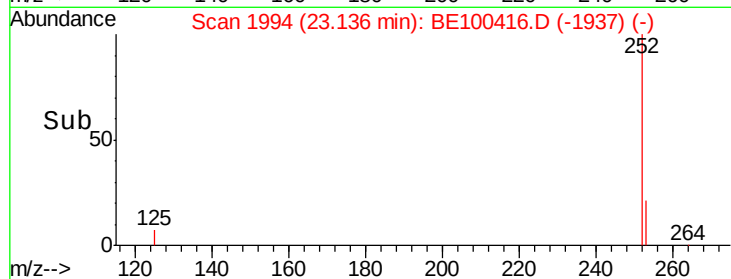
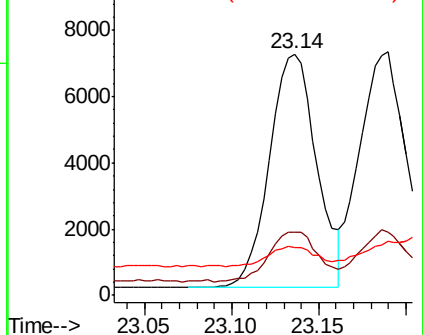
125 20.0 8.5 12.7#



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: 0.095 ng

RT: 23.19 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

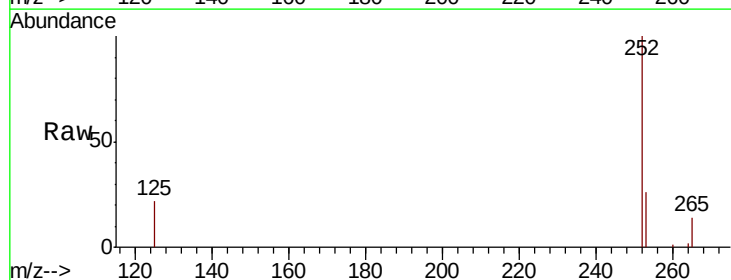
Tgt Ion:252 Resp: 13336

Ion Ratio Lower Upper

252 100

253 26.0 18.5 27.7

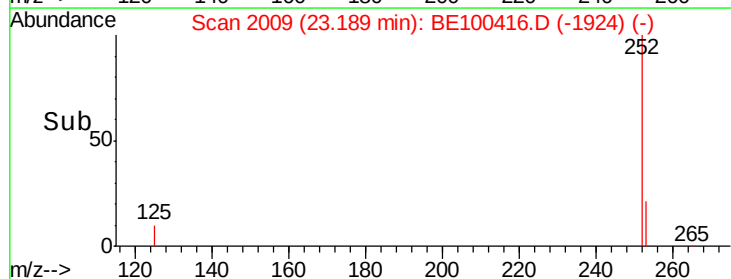
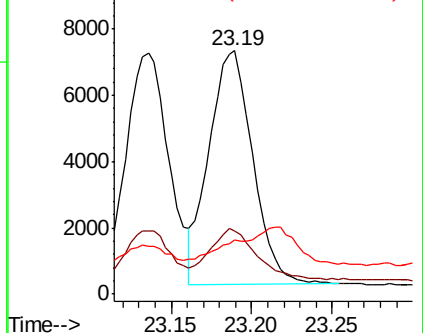
125 22.1 8.5 12.7#

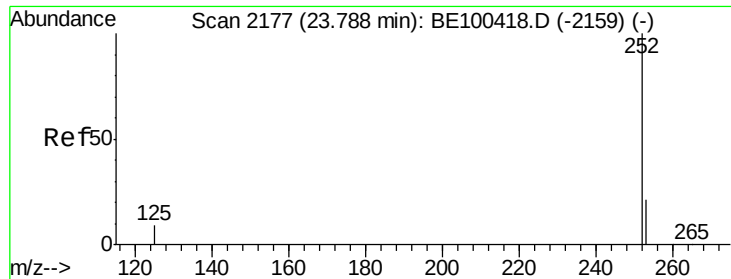


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.105 ng

RT: 23.79 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

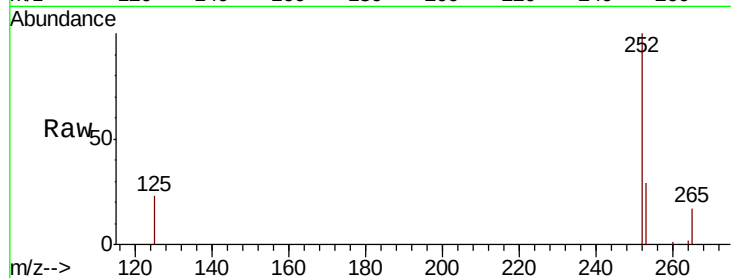
Tot Ion:252 Resp: 12520

Ion Ratio Lower Upper

252 100

253 28.8 18.2 27.4#

125 23.0 9.0 13.6#

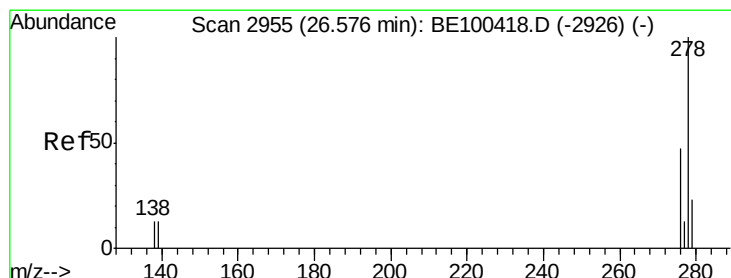
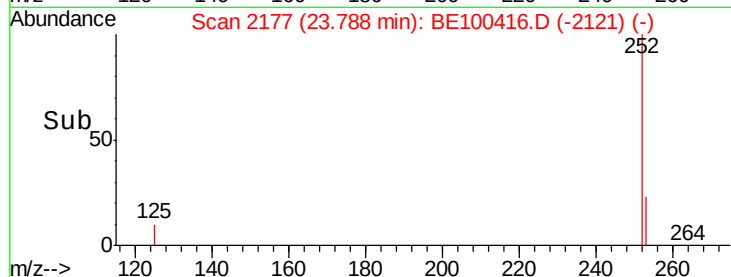
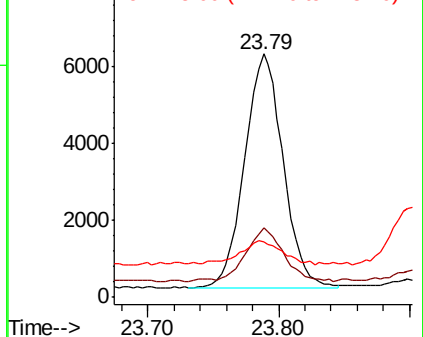


Abundance

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: 0.103 ng

RT: 26.58 min Scan# 2955

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

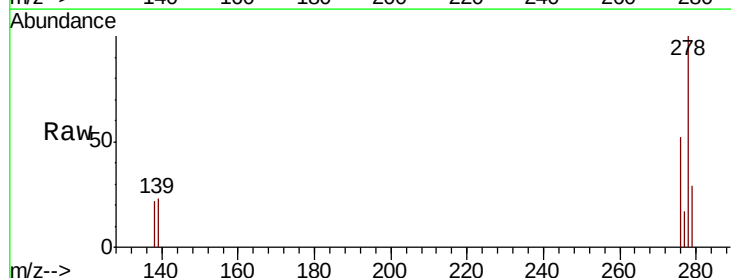
Tgt Ion:278 Resp: 12115

Ion Ratio Lower Upper

278 100

139 23.2 11.6 17.4#

279 28.5 19.4 29.0

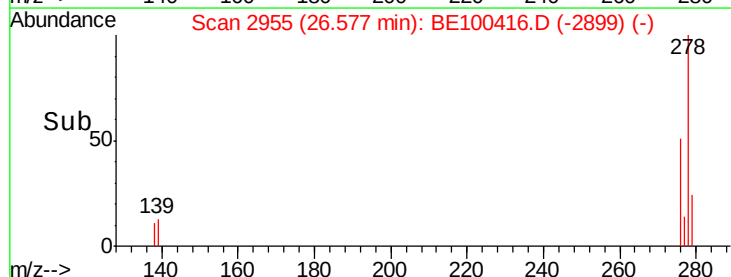
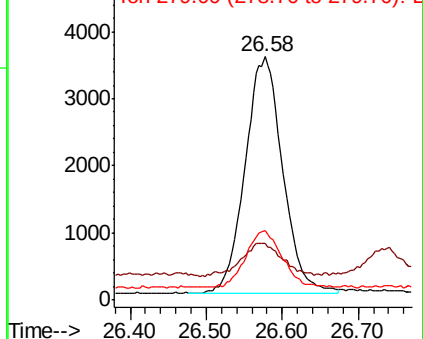


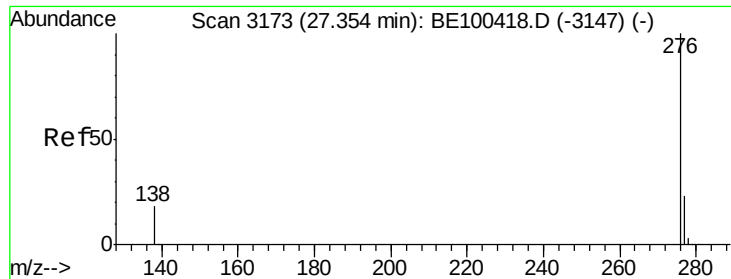
Abundance

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: 0.087 ng

RT: 27.35 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BE100416.D

Acq: 12 Jul 2019 11:46

Instrument :

BNA_F

ClientSampleId :

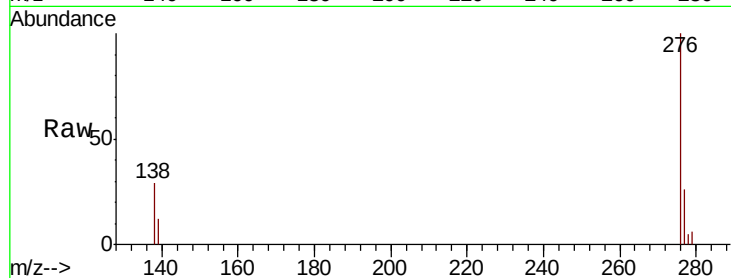
Tot Ion:276 Resp: 12199

Ion Ratio Lower Upper

276 100

277 26.0 19.1 28.7

138 29.4 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

