

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
 Data File : BE100420.D
 Acq On : 12 Jul 2019 14:12
 Operator : HP/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 12 16:40:28 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	4871	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	20314	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	12486	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	32817	0.40	ng	0.00
27) Chrysene-d12	21.40	240	42069	0.40	ng	0.00
34) Perylene-d12	23.90	264	48784	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	23468	2.20	ng	0.00
5) Phenol-d6	7.04	99	34162	3.17	ng	0.00
8) Nitrobenzene-d5	9.03	82	14768	0.63	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	53562	1.53	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	6770	0.87	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	71945	1.31	ng	0.00
25) Fluoranthene-d10	19.26	212	735723	1.36	ng	0.00
29) Terphenyl-d14	19.86	244	144086	1.85	ng	0.00

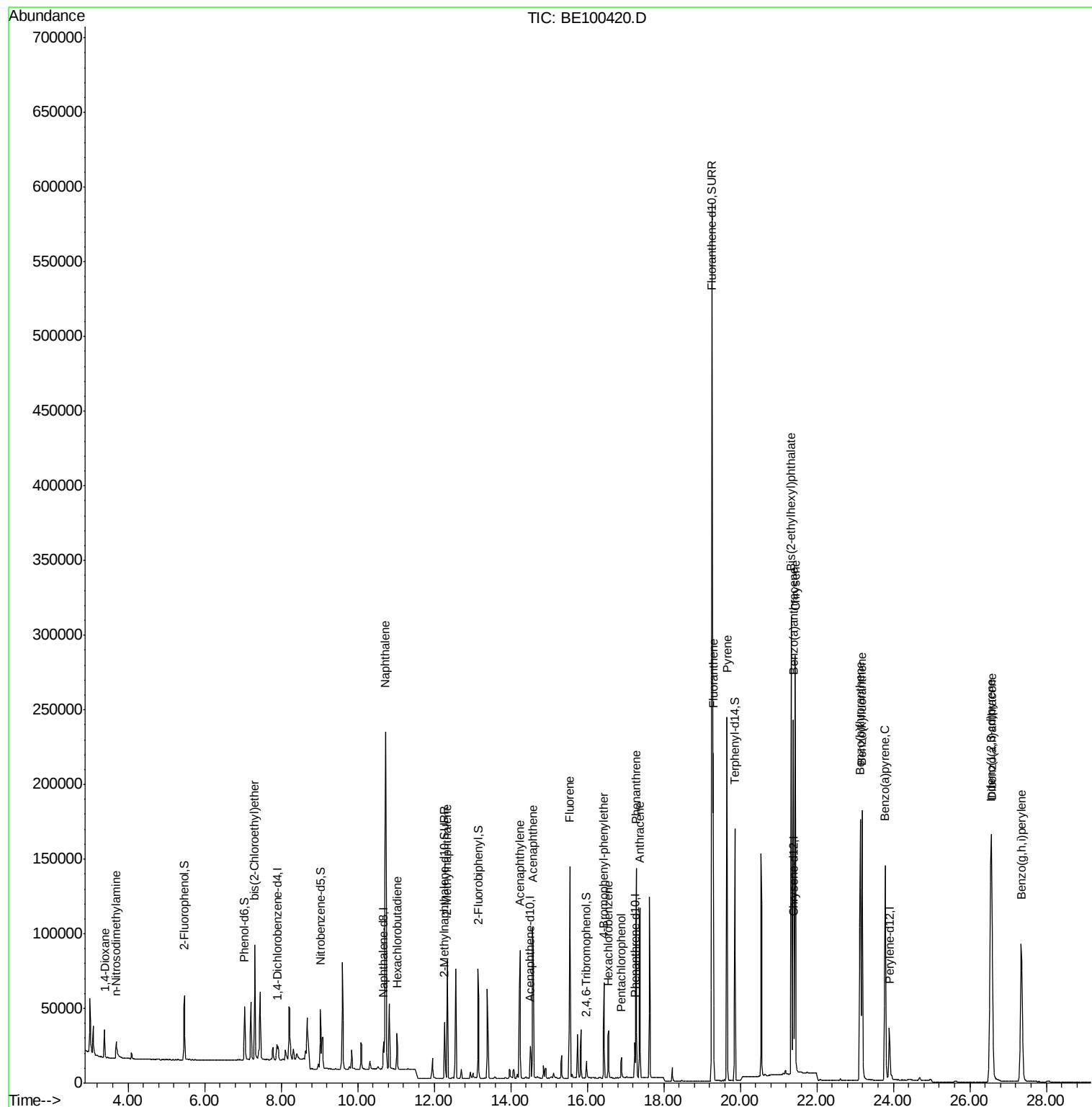
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	13040	1.345	ng	# 100
3) n-Nitrosodimethylamine	3.69	42	9665	2.430	ng	88
6) bis(2-Chloroethyl)ether	7.31	93	26787	3.282	ng	# 1
9) Naphthalene	10.73	128	347346	1.596	ng	98
10) Hexachlorobutadiene	11.03	225	16744	0.549	ng	96
12) 2-Methylnaphthalene	12.34	142	60895	1.958	ng	96
16) Acenaphthylene	14.24	152	102385	1.719	ng	99
17) Acenaphthene	14.57	154	61353	1.809	ng	98
18) Fluorene	15.54	166	79880	1.415	ng	100
20) 4-Bromophenyl-phenylether	16.44	248	29255	1.464	ng	95
21) Hexachlorobenzene	16.56	284	30592	1.149	ng	96
22) Pentachlorophenol	16.89	266	8390	2.521	ng	93
23) Phenanthrene	17.28	178	140627	1.799	ng	99
24) Anthracene	17.38	178	141902	2.225	ng	99
26) Fluoranthene	19.29	202	198801	1.356	ng	100
28) Pyrene	19.65	202	209198	2.169	ng	100
30) Benzo(a)anthracene	21.39	228	238153	2.005	ng	99
31) Chrysene	21.44	228	228113	1.681	ng	100
32) Bis(2-ethylhexyl)phthalate	21.33	149	368897	3.600	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	283220	1.494	ng	# 100
35) Benzo(b)fluoranthene	23.13	252	241955	1.859	ng	98
36) Benzo(k)fluoranthene	23.18	252	254000	1.576	ng	97
37) Benzo(a)pyrene	23.79	252	231740	1.691	ng	97
38) Dibenzo(a,h)anthracene	26.57	278	233348	1.728	ng	99
39) Benzo(g,h,i)perylene	27.34	276	229890	1.430	ng	98

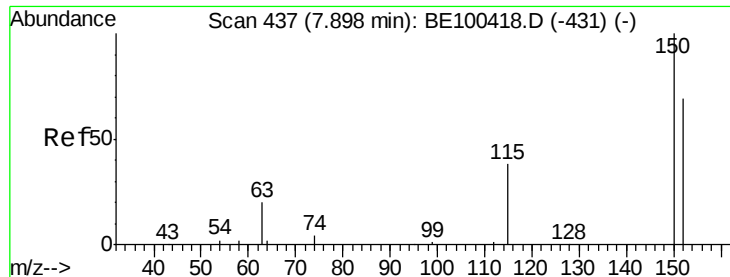
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
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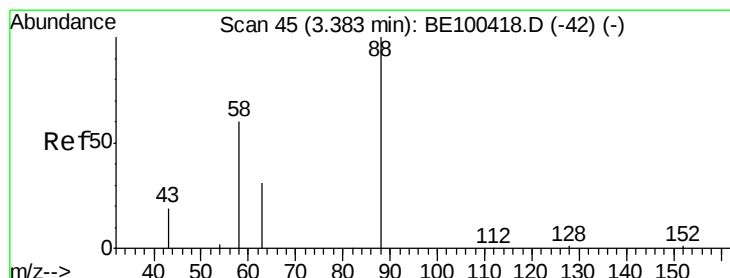
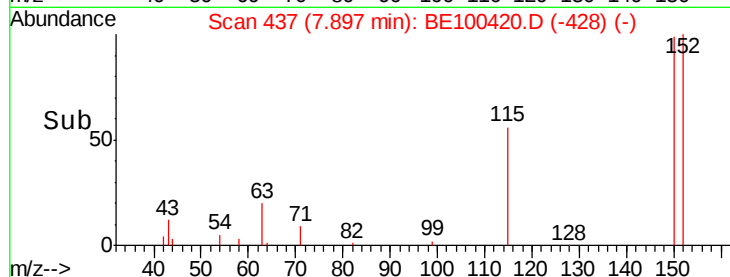
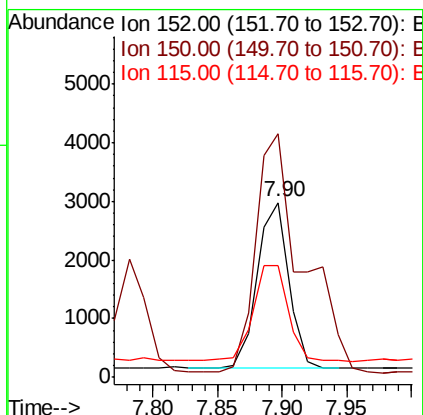
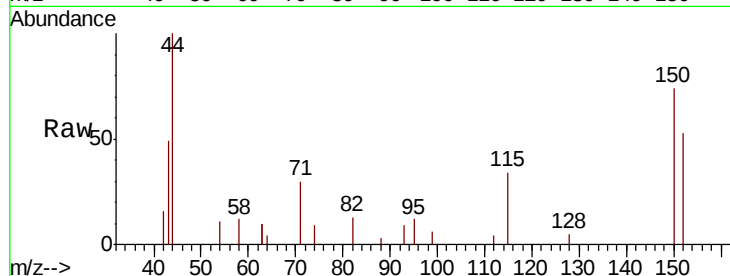


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

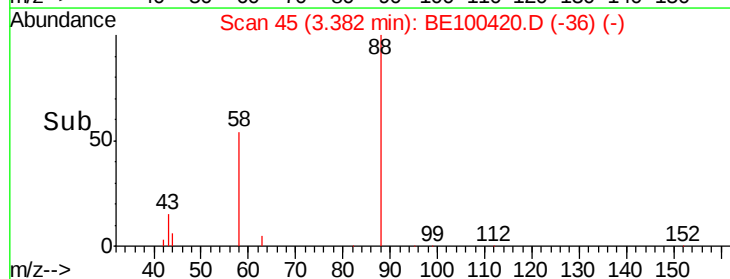
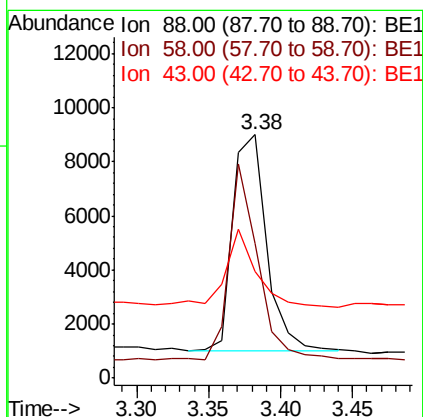
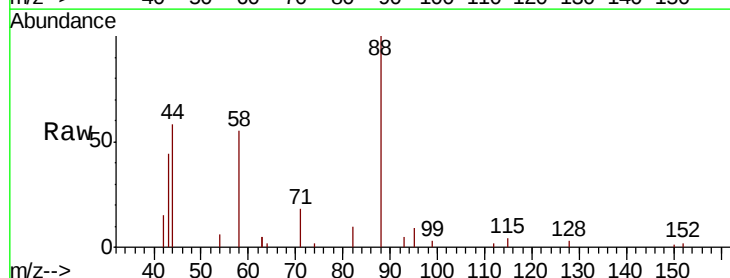
Tot Ion:152 Resp: 4871
Ion Ratio Lower Upper
152 100
150 139.1 108.8 163.2
115 63.6 54.2 81.2

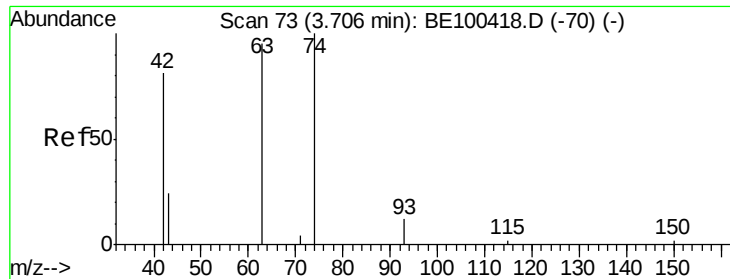


#2

1,4-Dioxane
Concen: 1.345 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion: 88 Resp: 13040
Ion Ratio Lower Upper
88 100
58 78.2 0.0 0.0#
43 33.9 0.0 0.0#





#3

n-Nitrosodimethylamine

Concen: 2.430 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

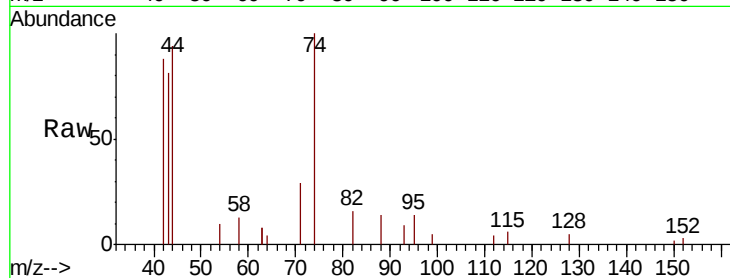
Tot Ion: 42 Resp: 9665

Ion Ratio Lower Upper

42 100

74 124.9 112.3 168.5

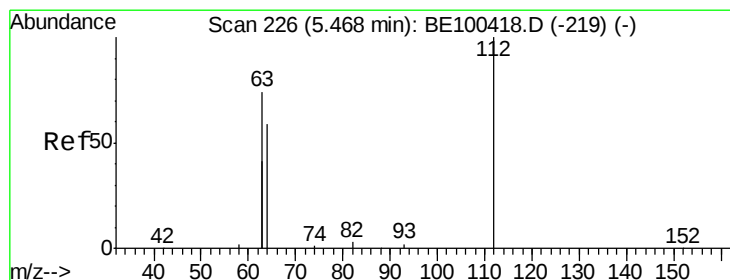
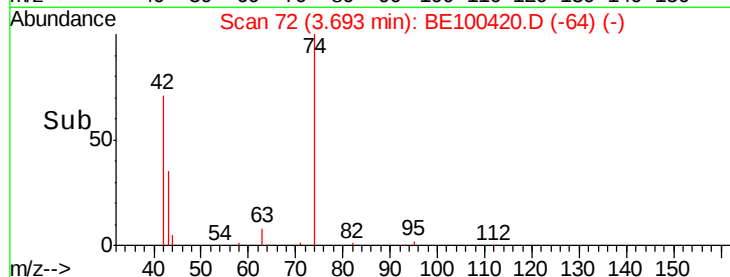
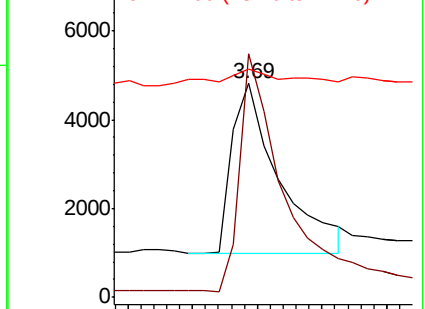
44 15.2 15.0 22.4



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: 2.199 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

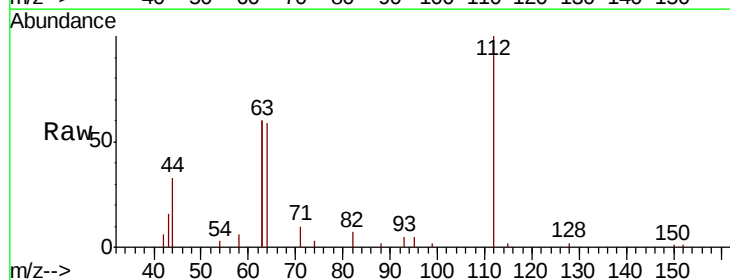
Tgt Ion: 112 Resp: 23468

Ion Ratio Lower Upper

112 100

64 68.0 56.6 84.8

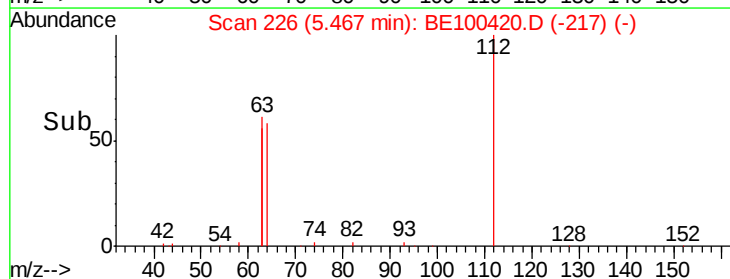
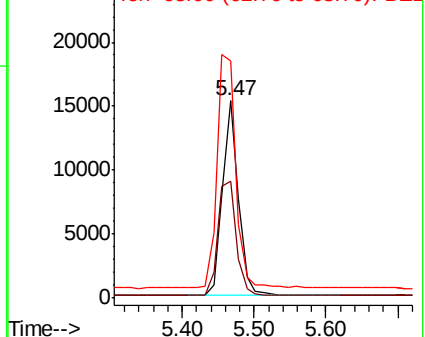
63 140.5 120.2 180.4

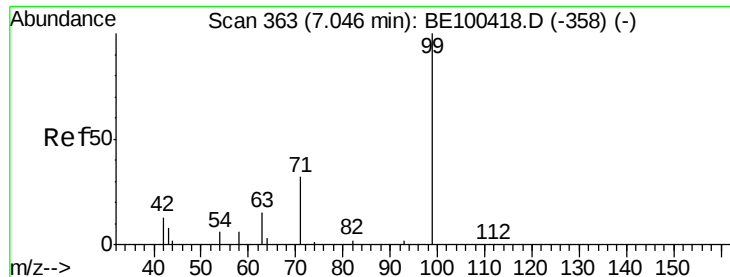


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 3.171 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampled :

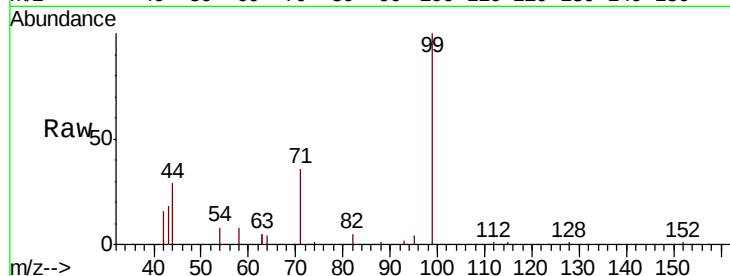
Tot Ion: 99 Resp: 34162

Ion Ratio Lower Upper

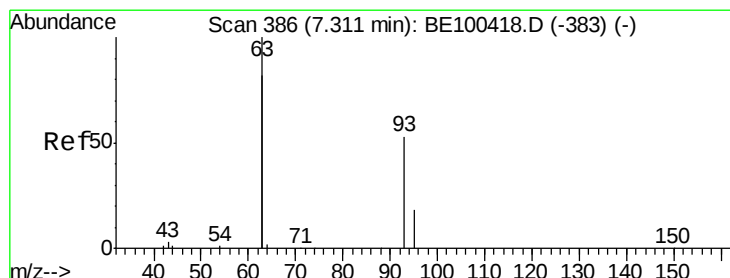
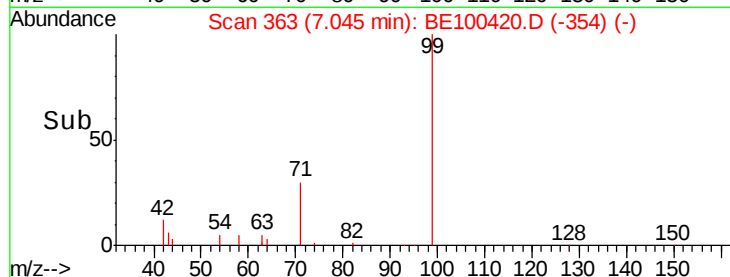
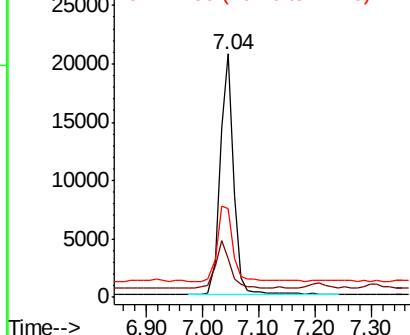
99 100

42 20.3 0.0 0.0#

71 35.5 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: 3.282 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

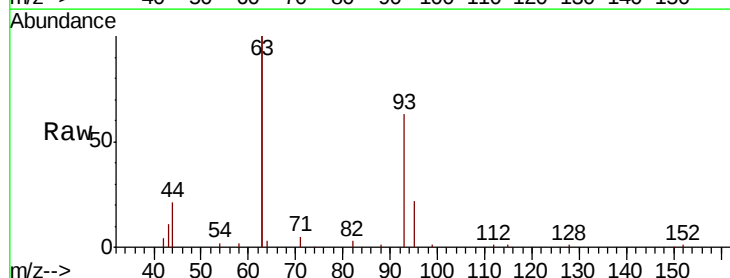
Tgt Ion: 93 Resp: 26787

Ion Ratio Lower Upper

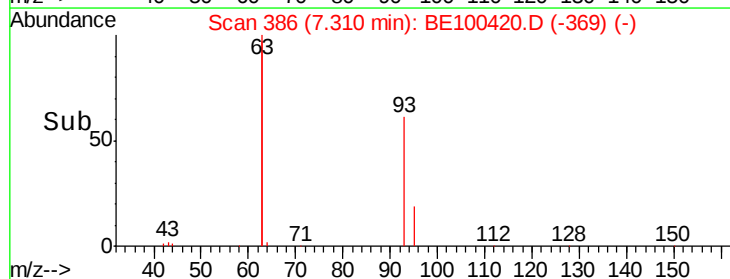
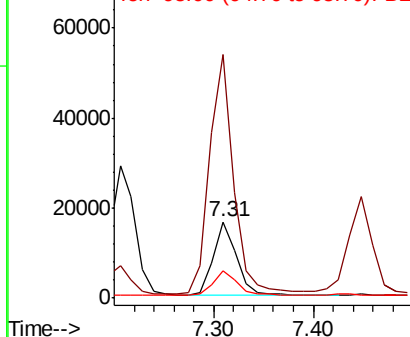
93 100

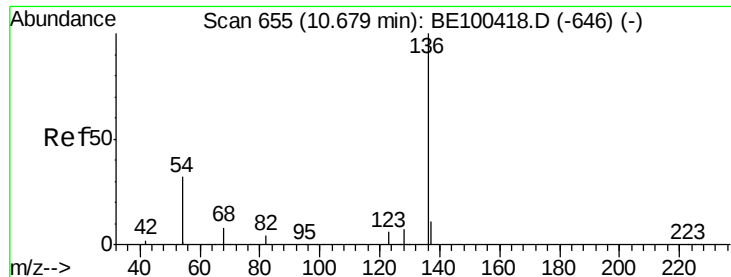
63 334.7 101.4 152.2#

95 32.3 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: BE100420.D

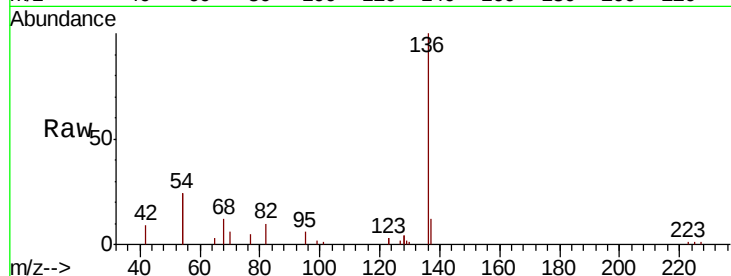
Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	20314
Ion Ratio	Lower	Upper
136	100	
137	12.1	10.1 15.1
54	47.1	49.8 74.6#
68	12.2	14.0 21.0#

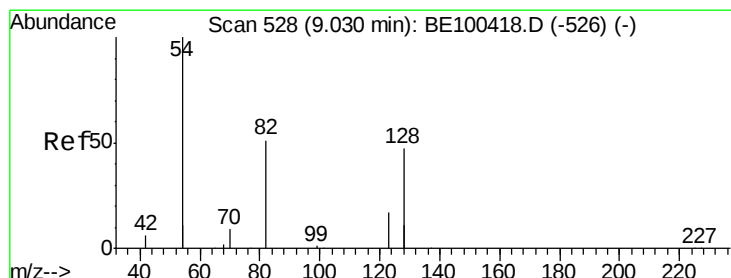
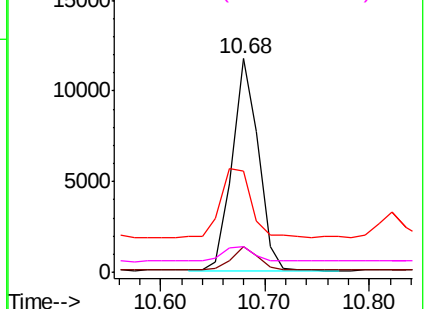
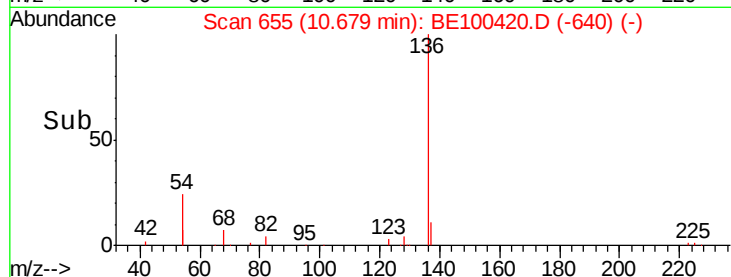


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.633 ng

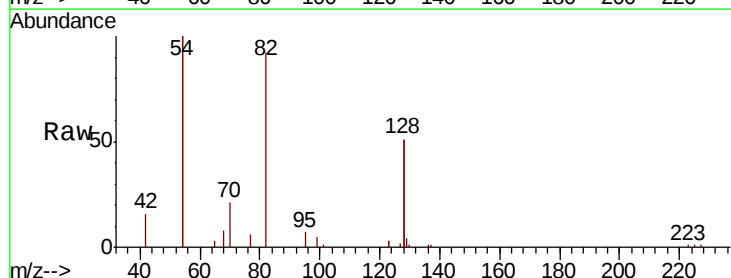
RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

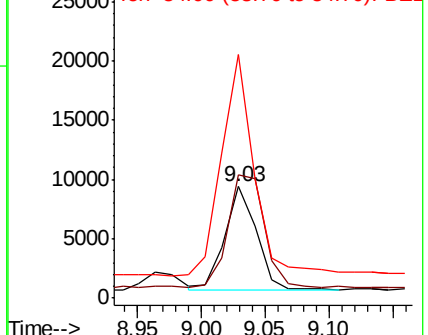
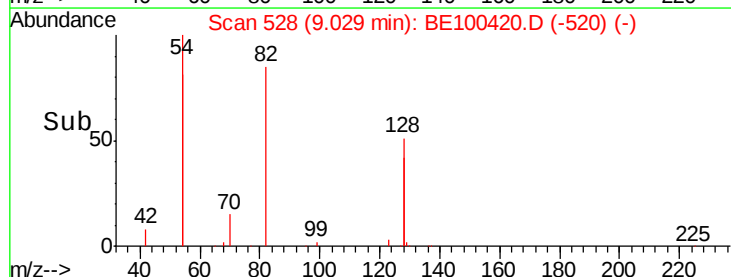
Tgt Ion: 82	Resp:	14768
Ion Ratio	Lower	Upper
82	100	
128	111.0	88.3 132.5
54	218.3	189.6 284.4

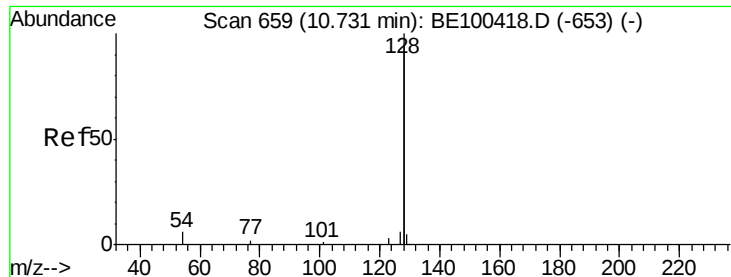


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.596 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

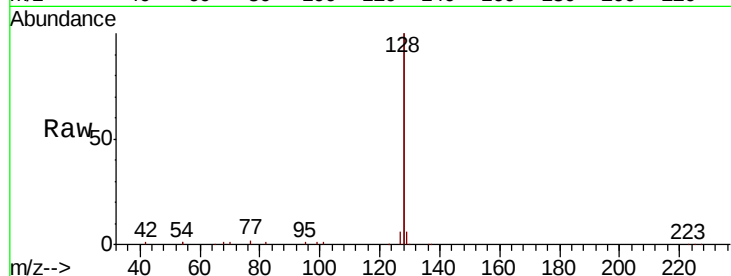
Tot Ion:128 Resp: 347346

Ion Ratio Lower Upper

128 100

129 2.9 2.7 4.1

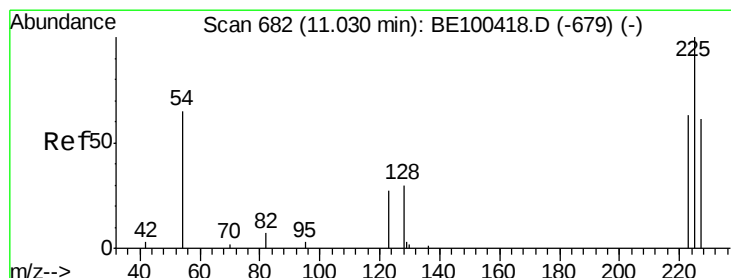
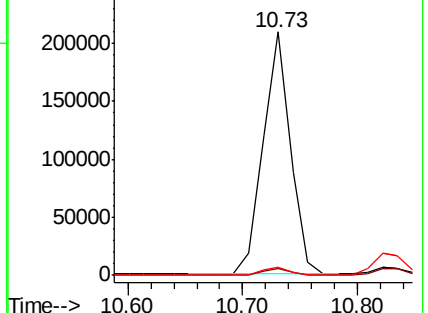
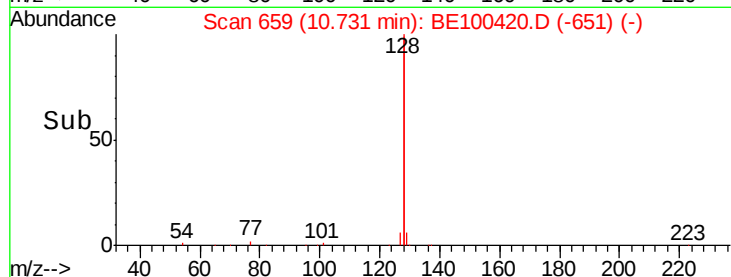
127 3.2 3.0 4.4



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: 0.549 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

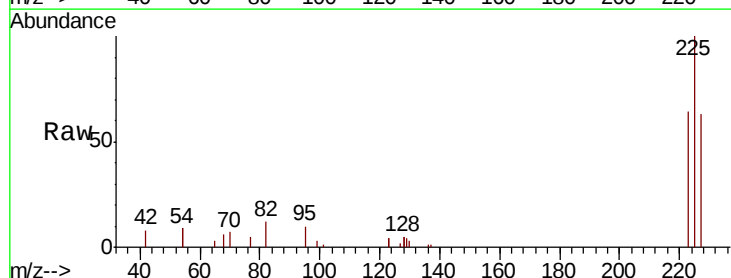
Tgt Ion:225 Resp: 16744

Ion Ratio Lower Upper

225 100

223 62.6 48.2 72.4

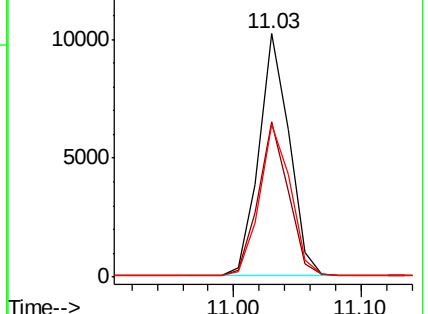
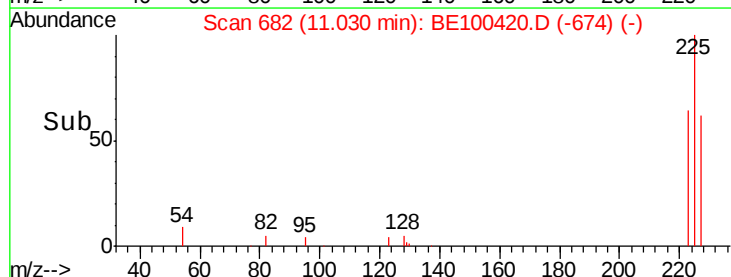
227 64.0 47.8 71.6

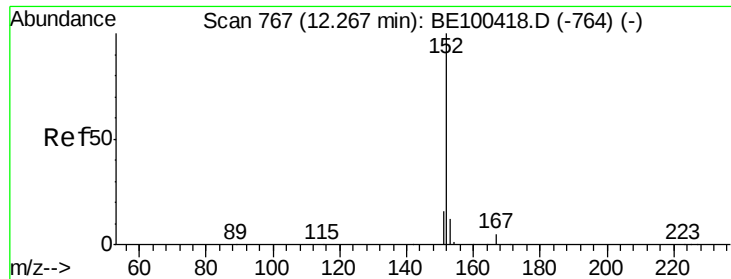


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

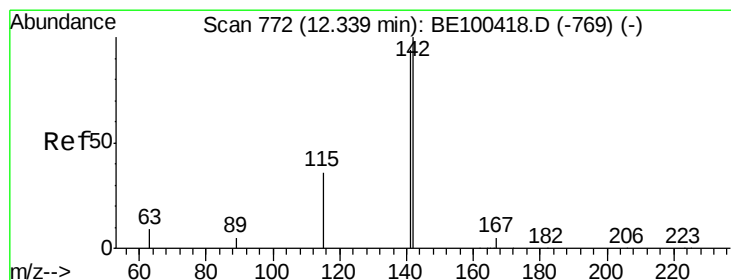
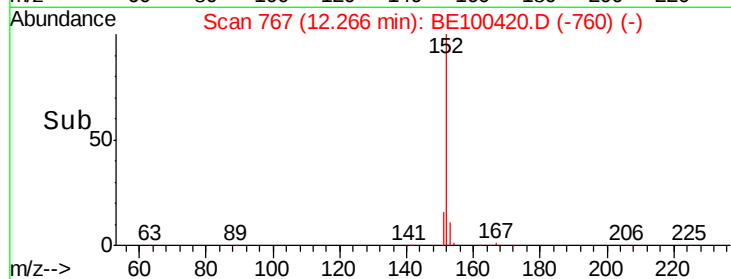
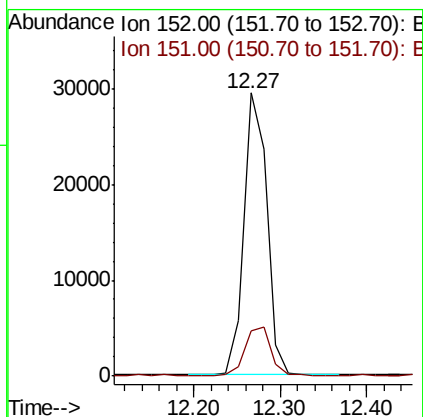
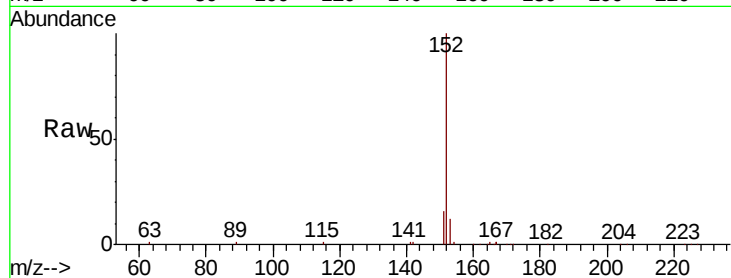




#11
 2-Methylnaphthalene-d10
 Concen: 1.525 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE100420.D
 Acq: 12 Jul 2019 14:12

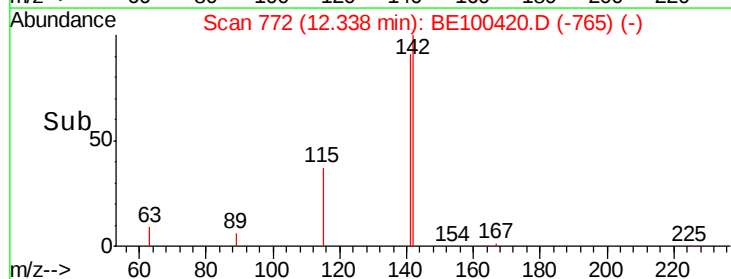
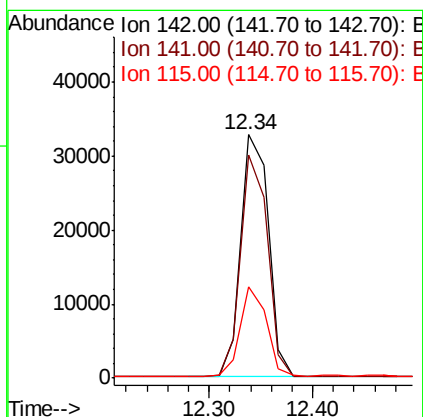
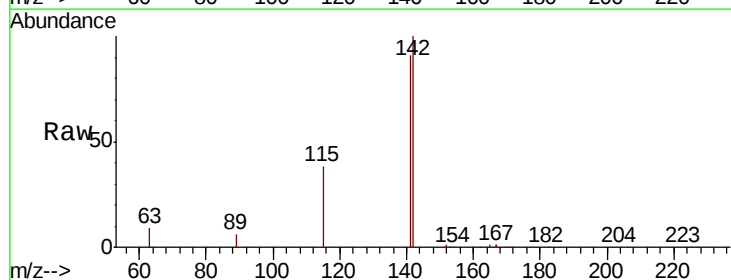
Instrument :
 BNA_E
 ClientSampleId :

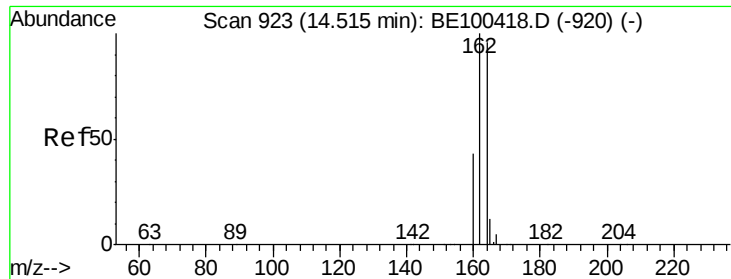
Tot Ion:152 Resp: 53562
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.8 23.6



#12
 2-Methylnaphthalene
 Concen: 1.958 ng
 RT: 12.34 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BE100420.D
 Acq: 12 Jul 2019 14:12

Tgt Ion:142 Resp: 60895
 Ion Ratio Lower Upper
 142 100
 141 91.5 76.2 114.2
 115 37.5 32.6 49.0

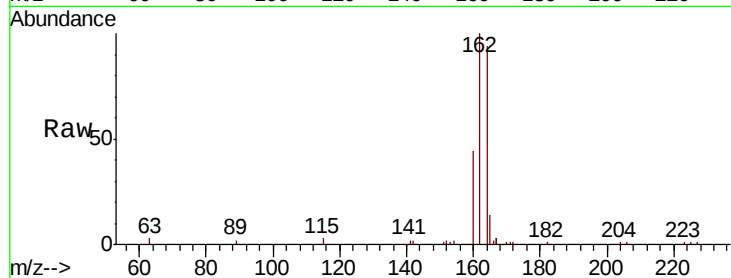




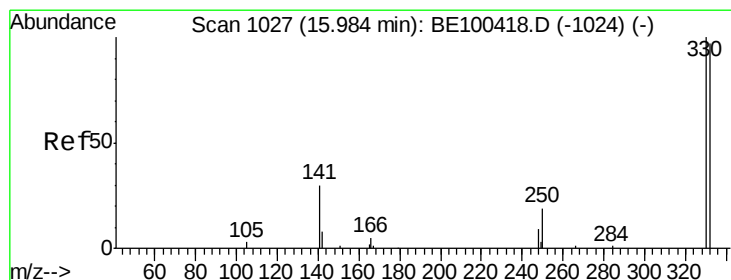
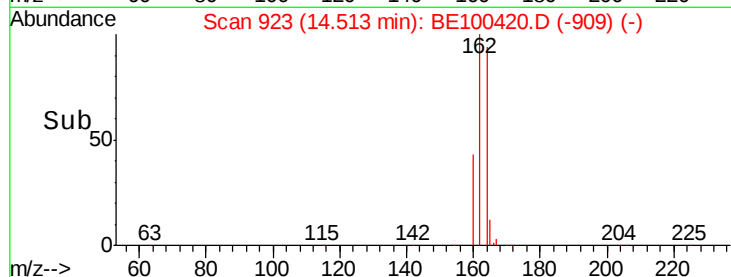
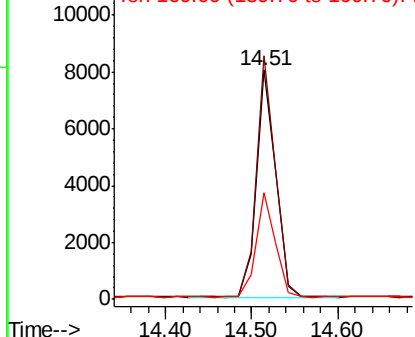
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 12486
Ion Ratio Lower Upper
164 100
162 106.4 83.0 124.4
160 46.7 37.0 55.4

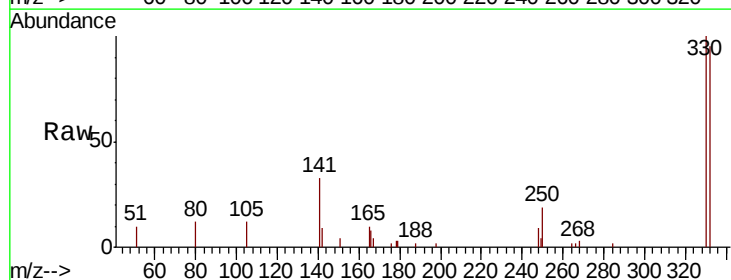


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

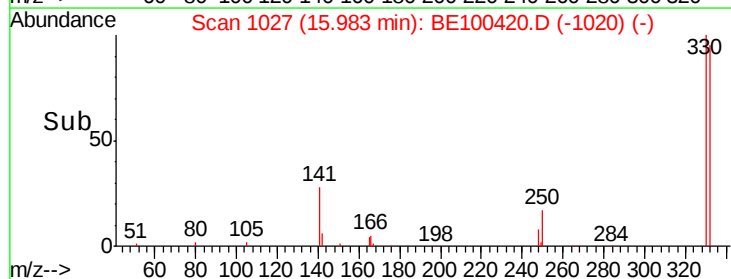
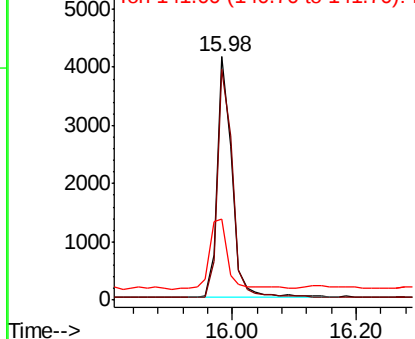


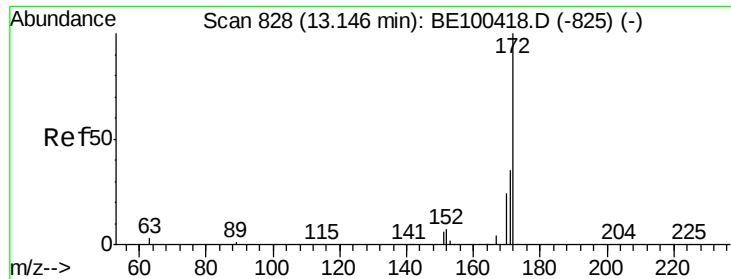
#14
2,4,6-Tribromophenol
Concen: 0.875 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:330 Resp: 6770
Ion Ratio Lower Upper
330 100
332 97.9 82.2 123.2
141 34.2 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

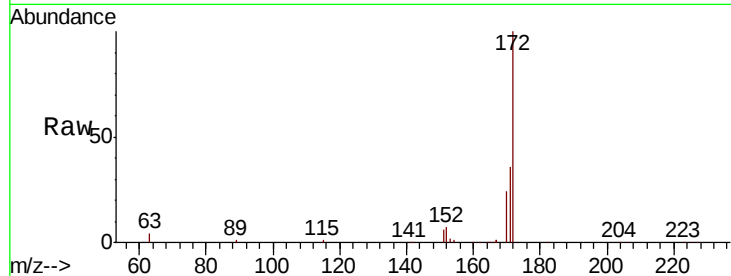




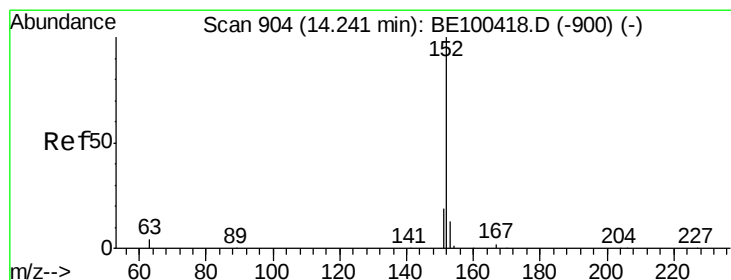
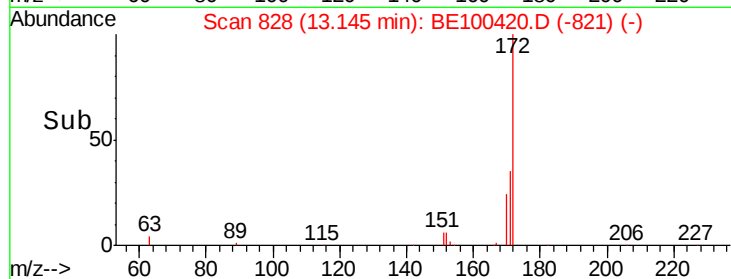
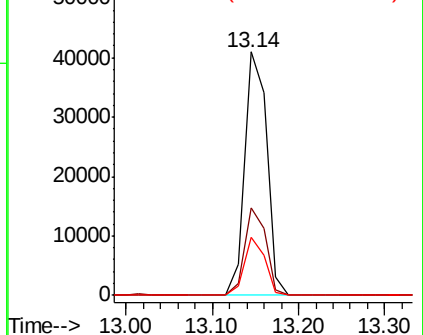
#15
2-Fluorobiphenyl
Concen: 1.312 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 71945
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.8 19.7 29.5

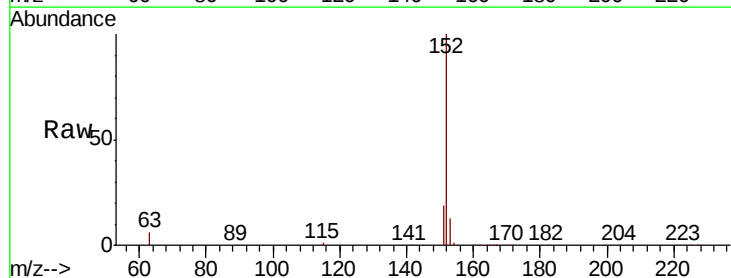


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

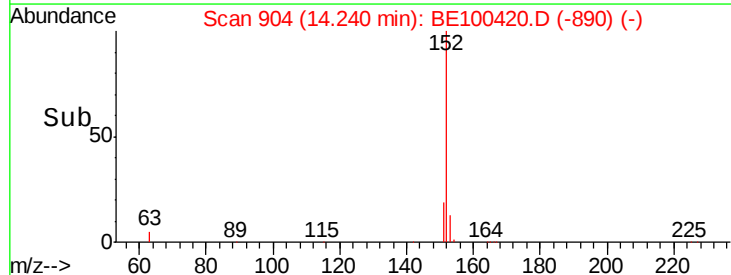
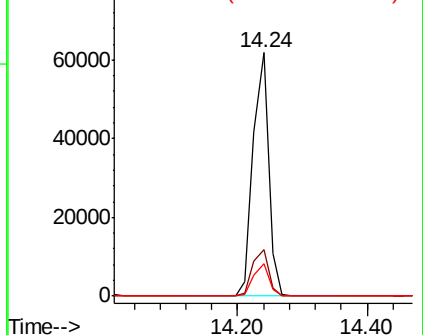


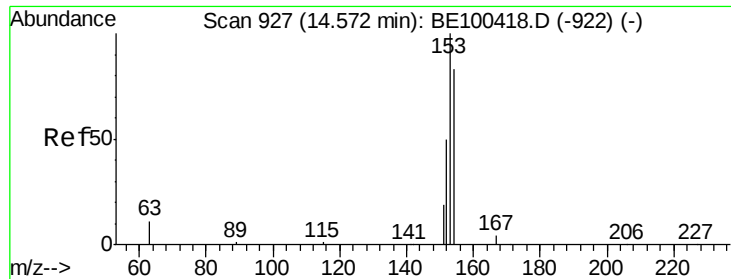
#16
Acenaphthylene
Concen: 1.719 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:152 Resp: 102385
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.0 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: 1.809 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

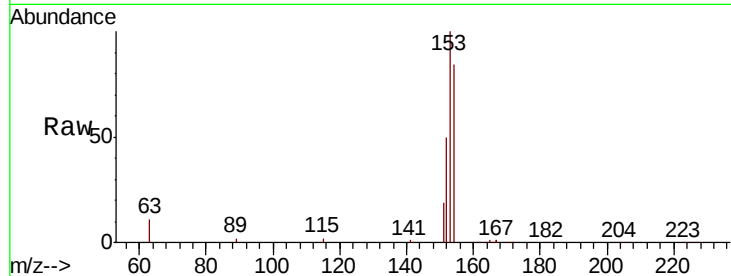
Tot Ion:154 Resp: 61353

Ion Ratio Lower Upper

154 100

153 113.4 92.6 138.8

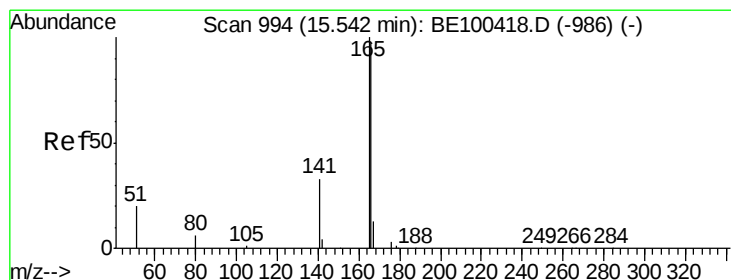
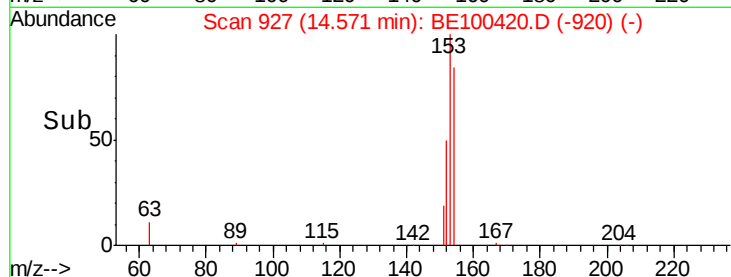
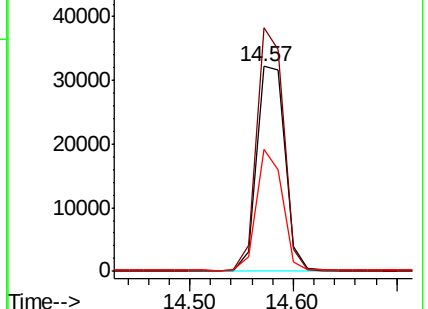
152 54.3 44.5 66.7



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: 1.415 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

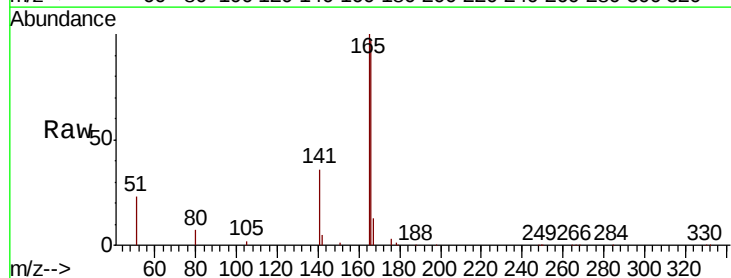
Tgt Ion:166 Resp: 79880

Ion Ratio Lower Upper

166 100

165 100.2 80.0 120.0

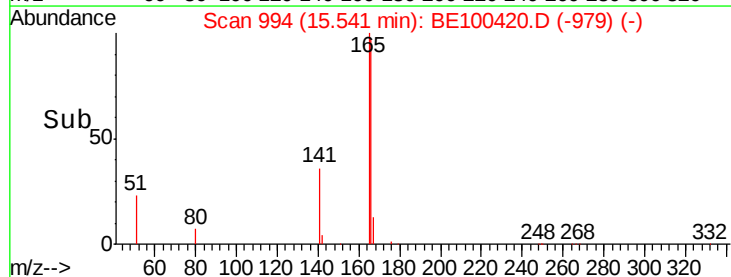
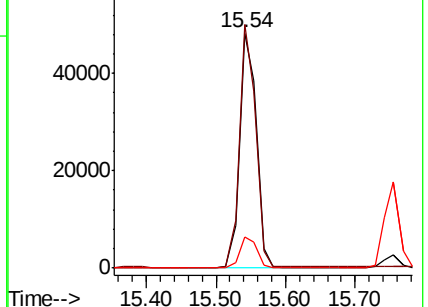
167 13.6 11.0 16.4

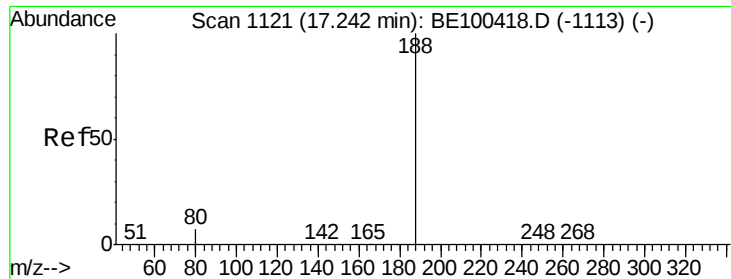


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

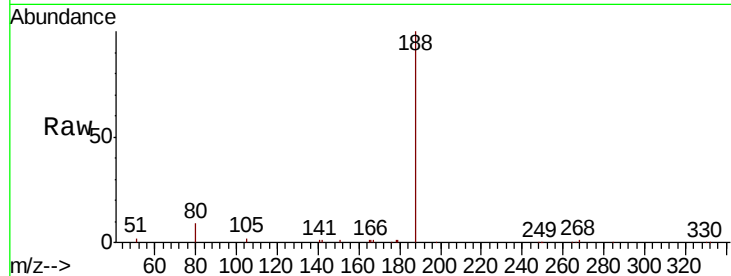




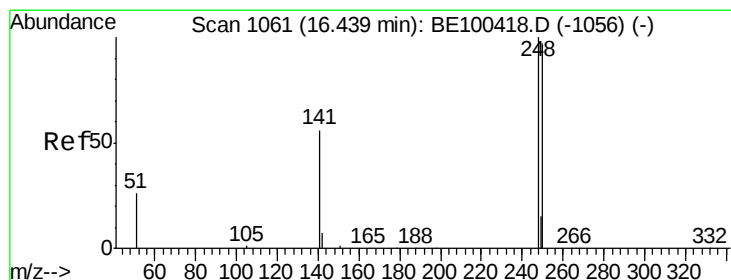
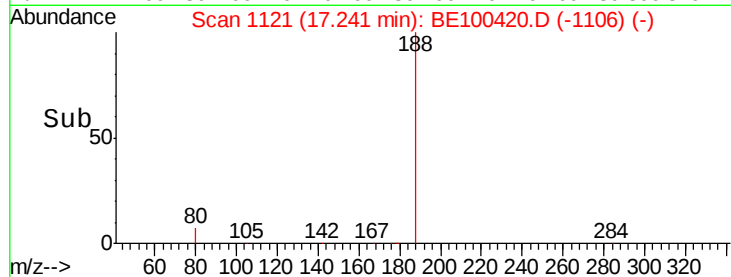
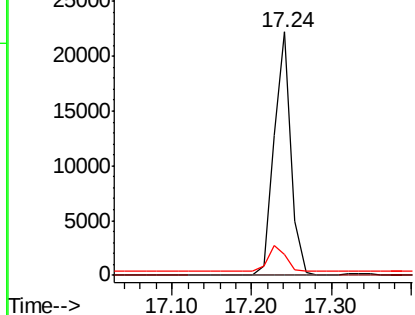
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 32817
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.7 11.5

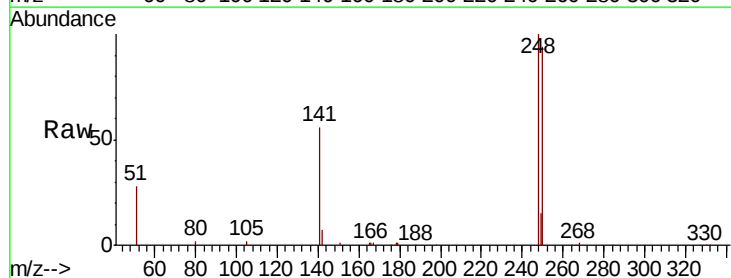


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

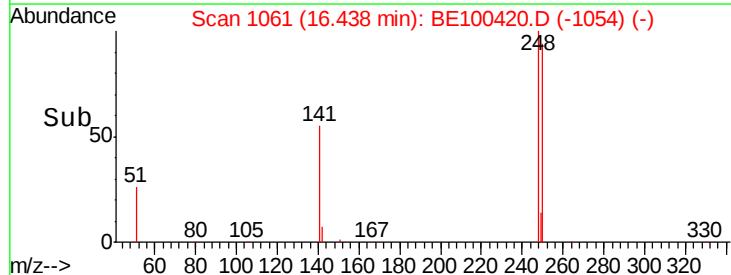
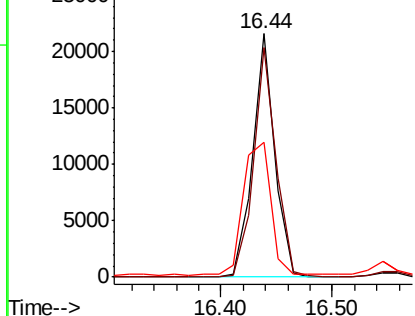


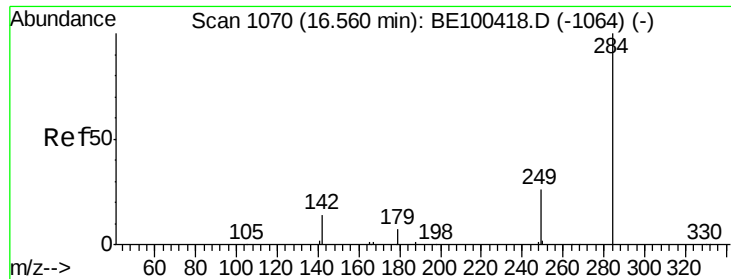
#20
4-Bromophenyl-phenylether
Concen: 1.464 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:248 Resp: 29255
Ion Ratio Lower Upper
248 100
250 94.4 77.8 116.6
141 55.6 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: 1.149 ng

RT: 16.56 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

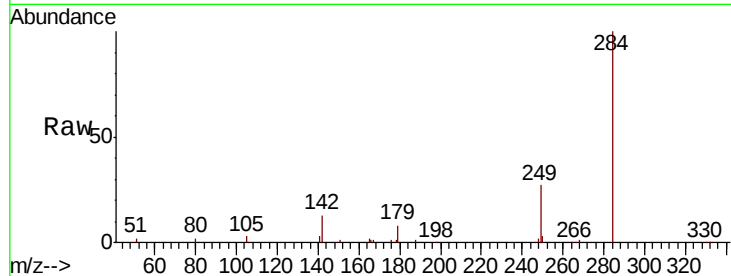
Tot Ion:284 Resp: 30592

Ion Ratio Lower Upper

284 100

142 30.4 26.7 40.1

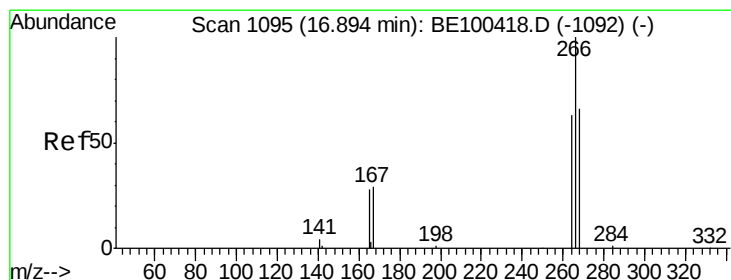
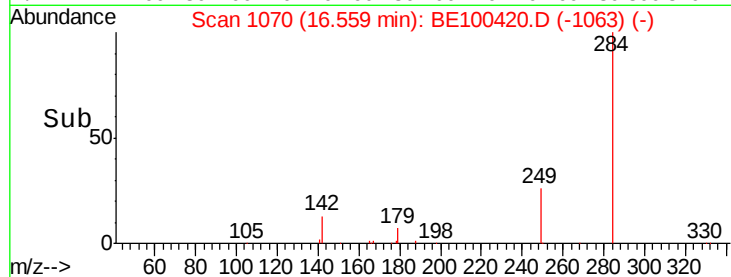
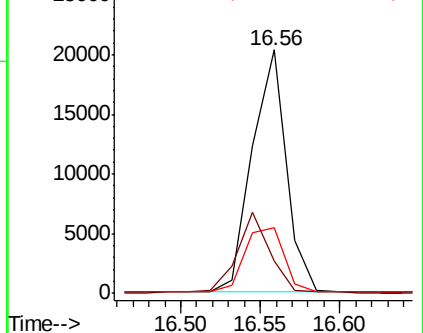
249 30.8 25.6 38.4



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: 2.521 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

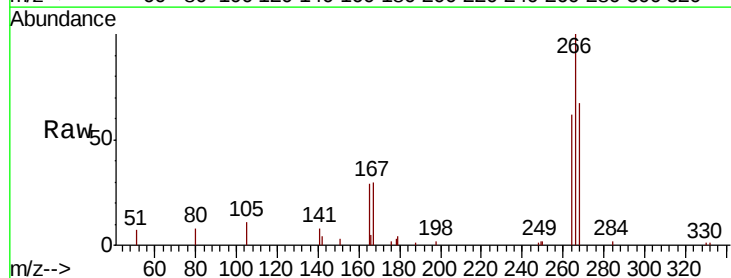
Tgt Ion:266 Resp: 8390

Ion Ratio Lower Upper

266 100

264 61.9 53.3 79.9

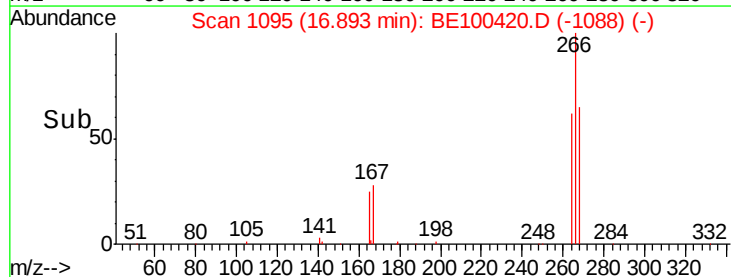
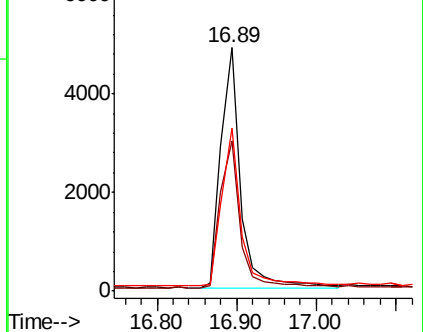
268 66.8 59.1 88.7

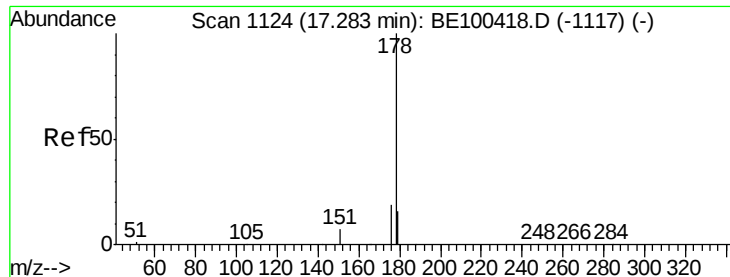


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

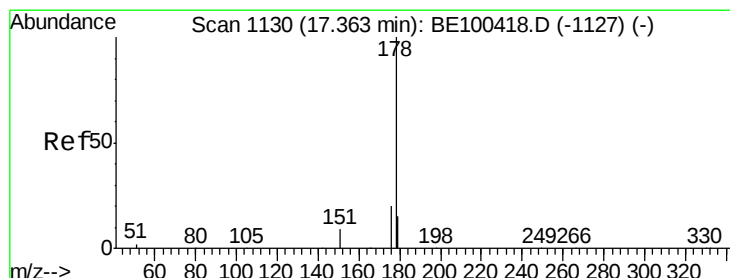
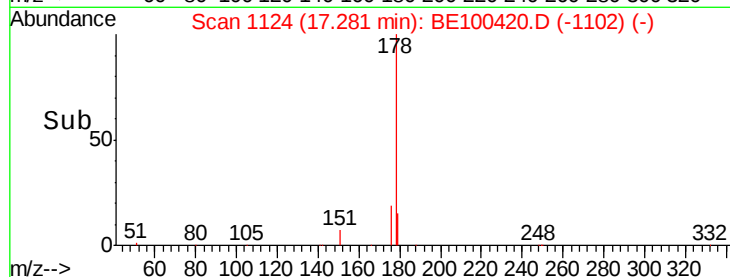
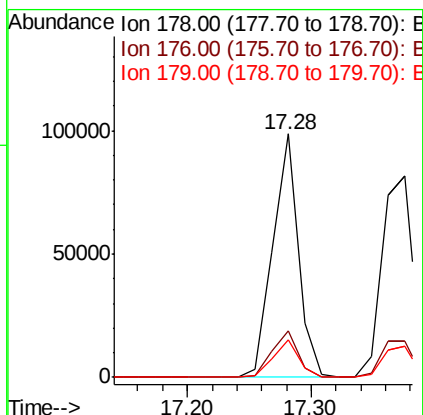
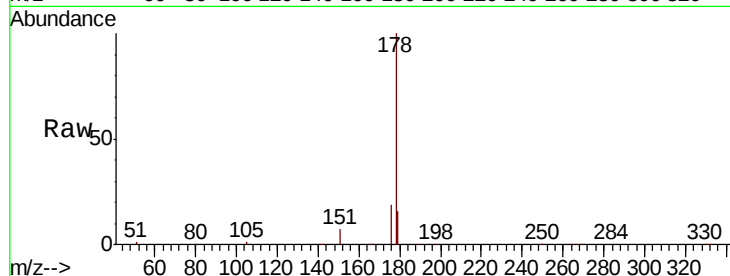




#23
Phenanthrene
Concen: 1.799 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

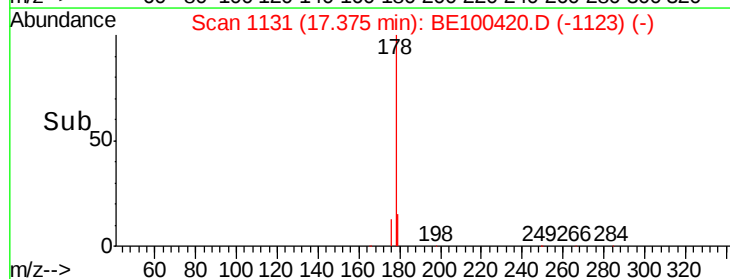
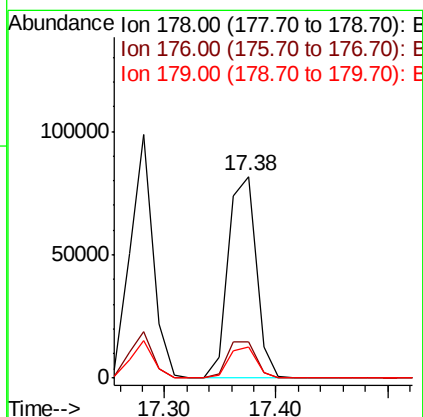
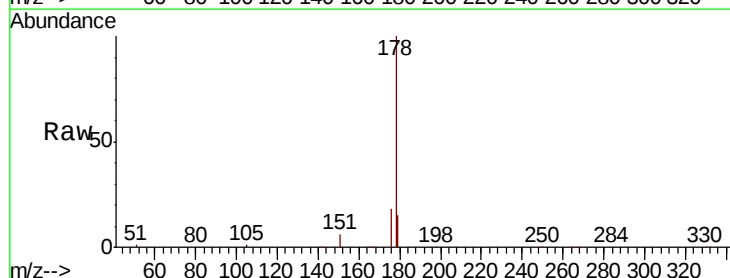
Instrument :
BNA_E
ClientSampleId :

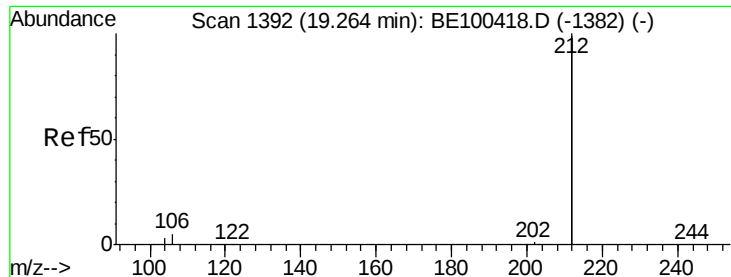
Tot Ion:178 Resp: 140627
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.4 12.6 18.8



#24
Anthracene
Concen: 2.225 ng
RT: 17.38 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:178 Resp: 141902
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.1 12.6 19.0





#25

Fluoranthene-d10

Concen: 1.358 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

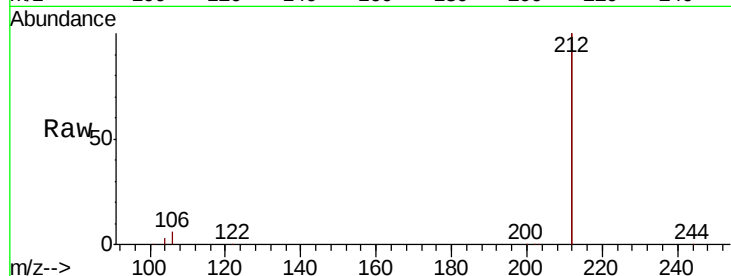
Tot Ion:212 Resp: 735723

Ion Ratio Lower Upper

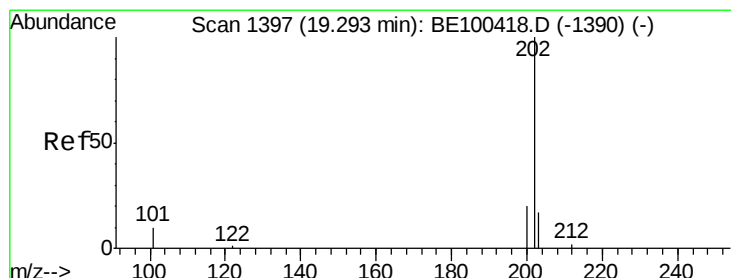
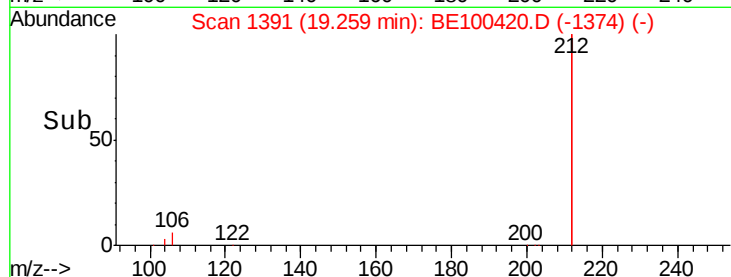
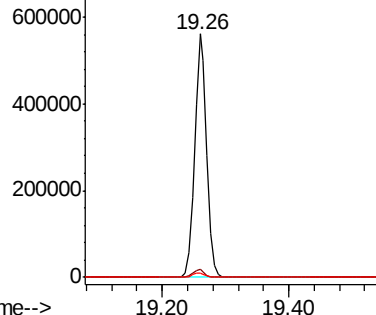
212 100

106 3.1 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: 1.356 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

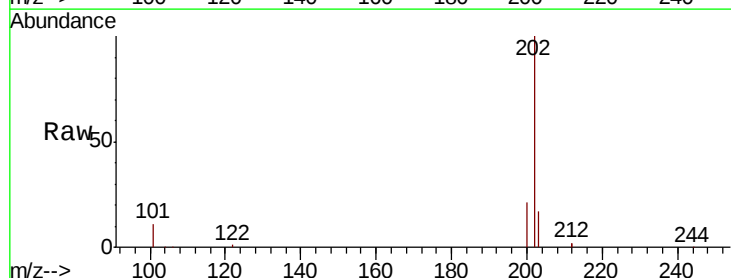
Tgt Ion:202 Resp: 198801

Ion Ratio Lower Upper

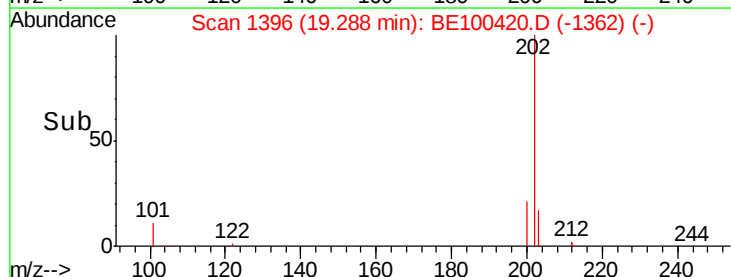
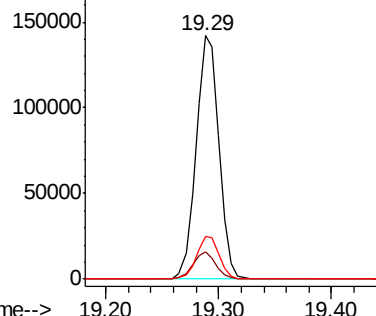
202 100

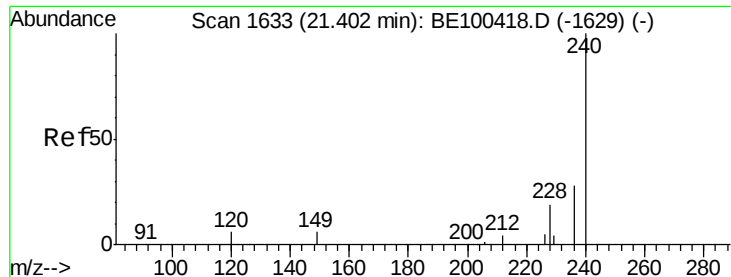
101 11.2 8.9 13.3

203 17.3 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: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

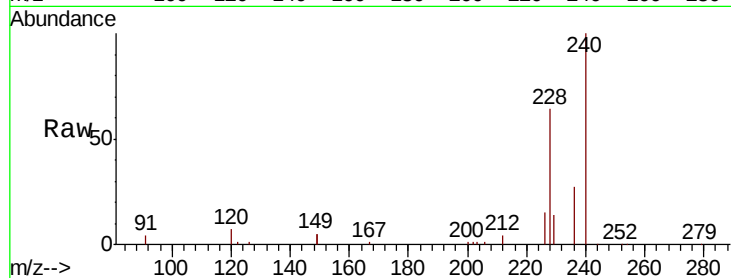
Tot Ion:240 Resp: 42069

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

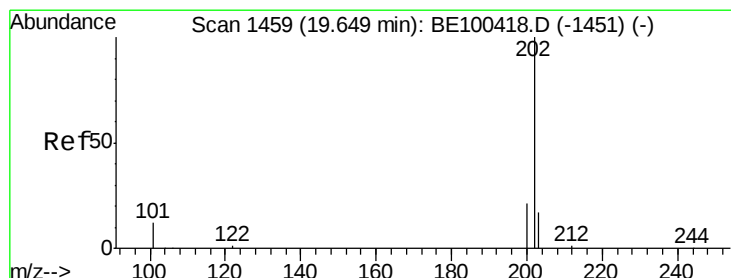
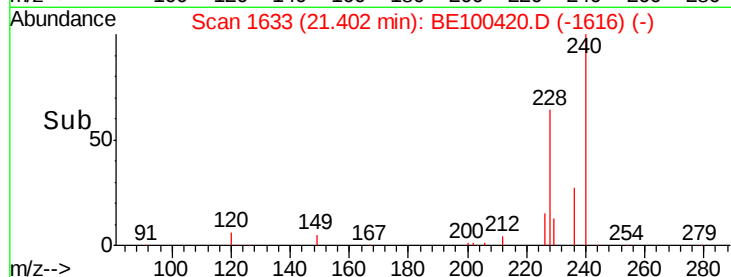
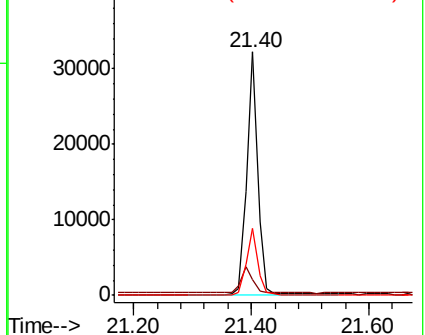
236 27.3 22.5 33.7



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: 2.169 ng

RT: 19.65 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

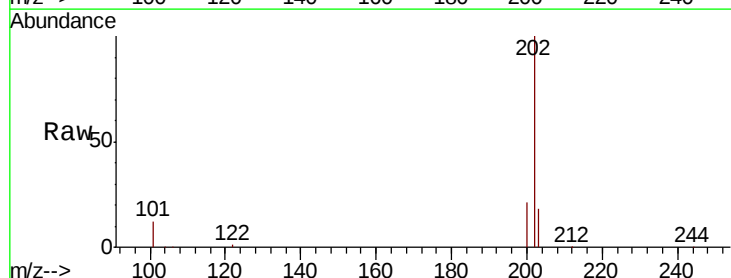
Tgt Ion:202 Resp: 209198

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

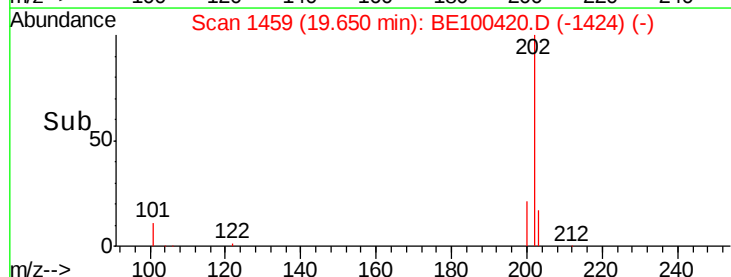
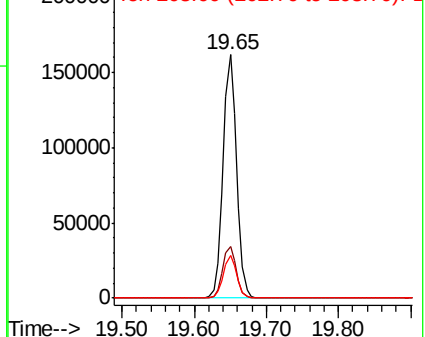
203 17.5 14.1 21.1

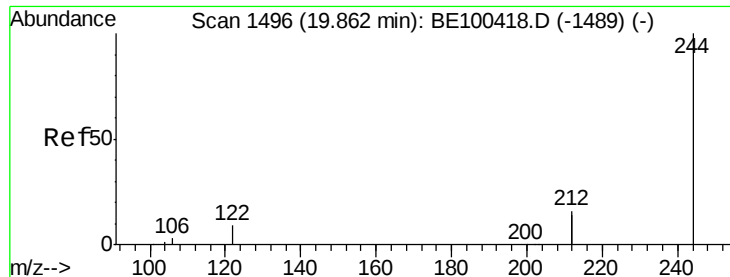


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.854 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

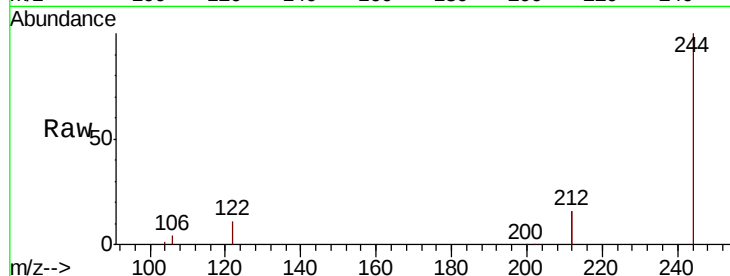
Tot Ion:244 Resp: 144086

Ion Ratio Lower Upper

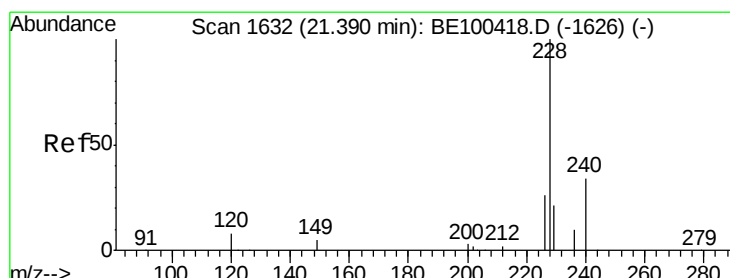
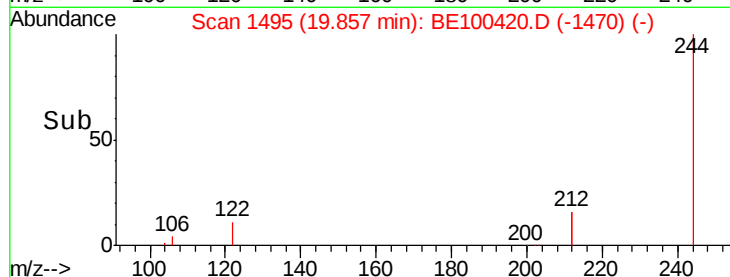
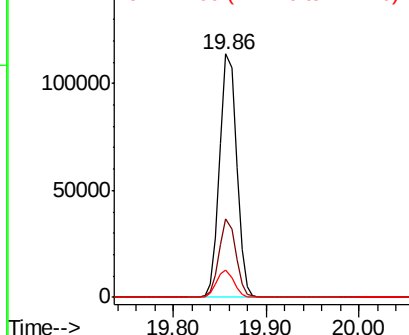
244 100

212 32.0 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: 2.005 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

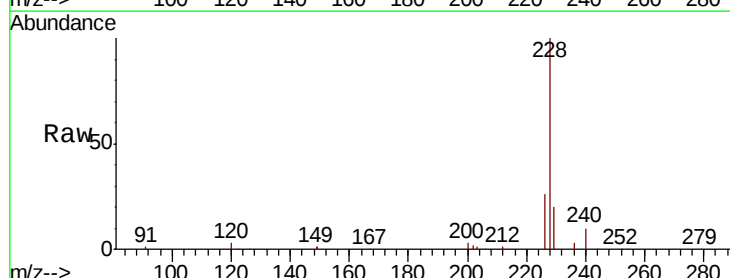
Tgt Ion:228 Resp: 238153

Ion Ratio Lower Upper

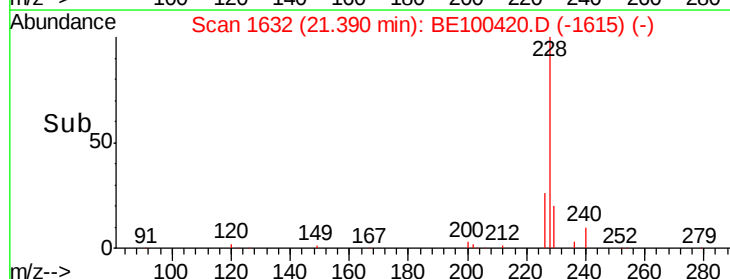
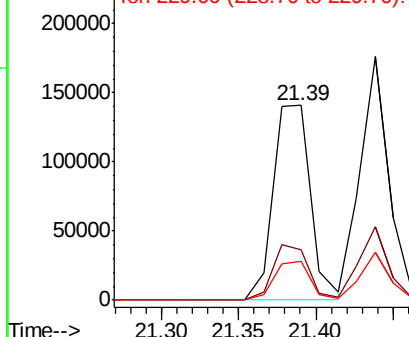
228 100

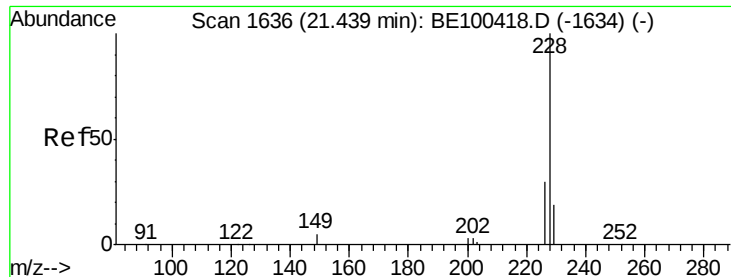
226 26.0 21.0 31.4

229 20.1 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: 1.681 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

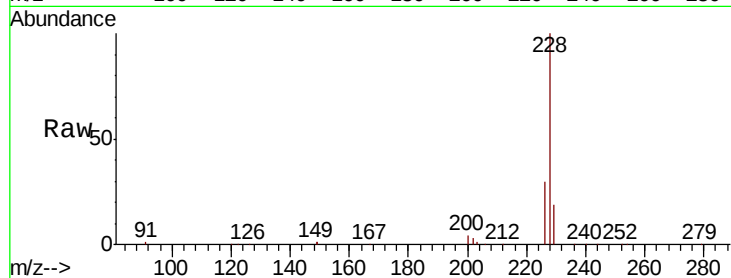
Tot Ion:228 Resp: 228113

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.5 15.7 23.5

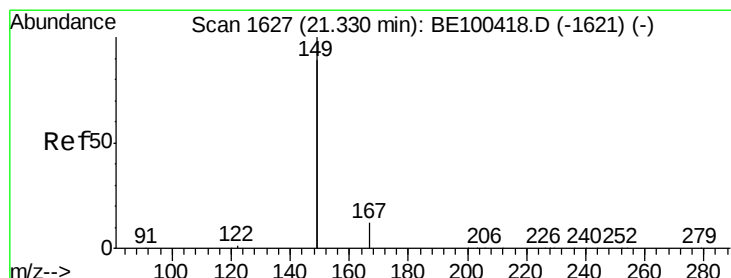
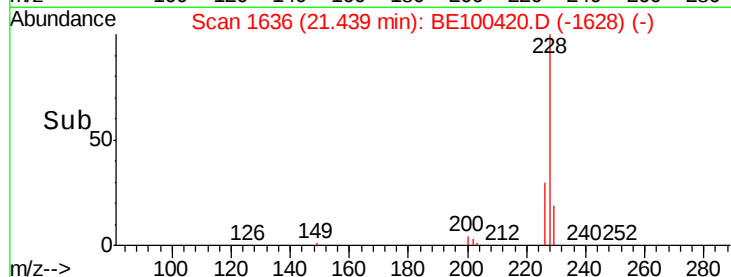
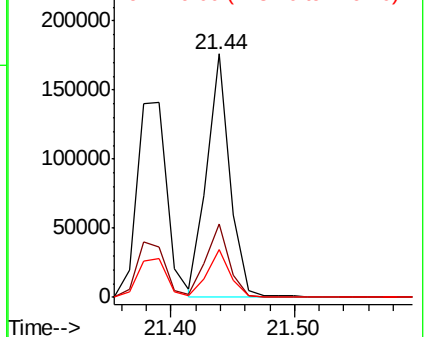


Abundance

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: 3.600 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

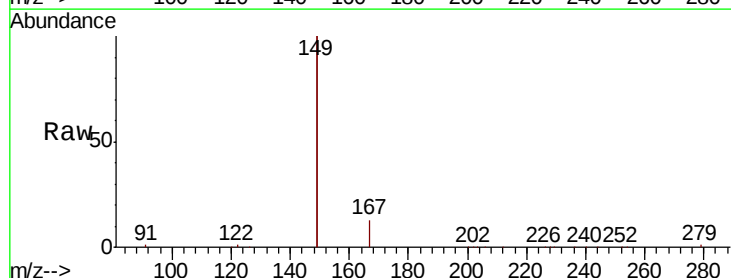
Tgt Ion:149 Resp: 368897

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.2

279 0.9 0.8 1.2

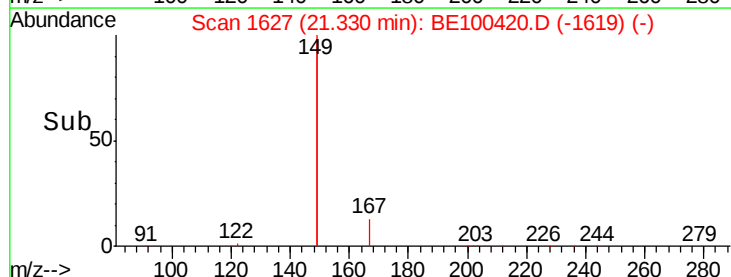
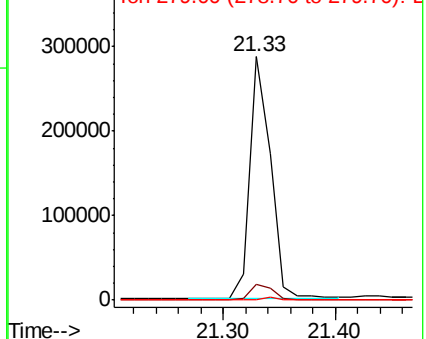


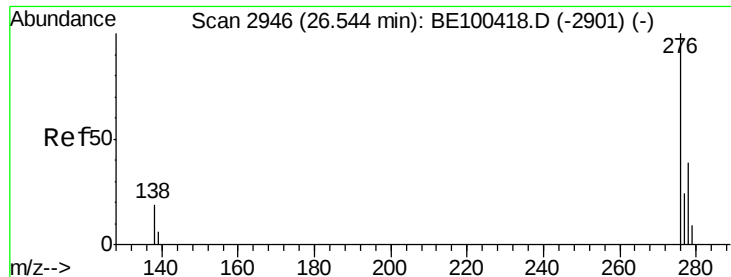
Abundance

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

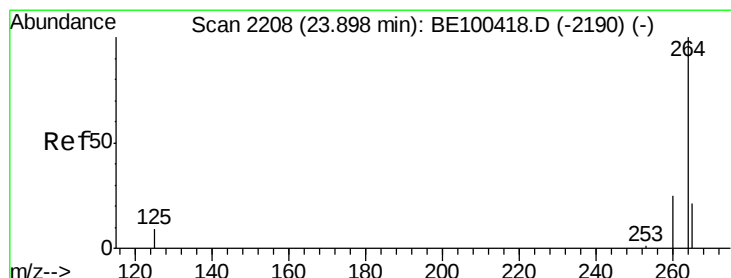
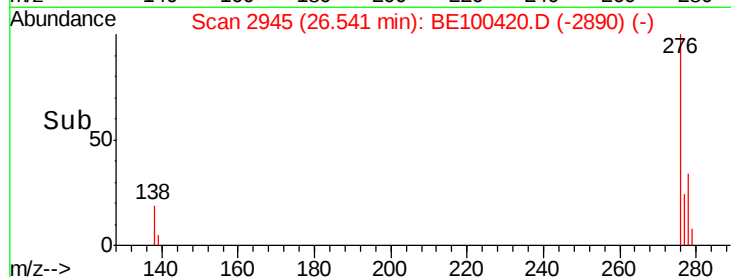
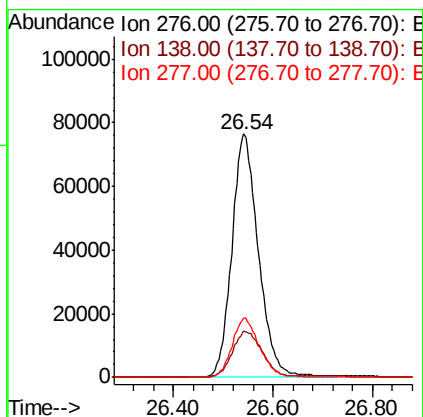
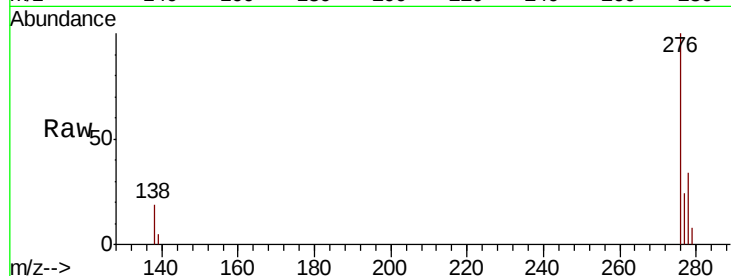




#33
Indeno(1,2,3-cd)pyrene
Concen: 1.494 ng
RT: 26.54 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

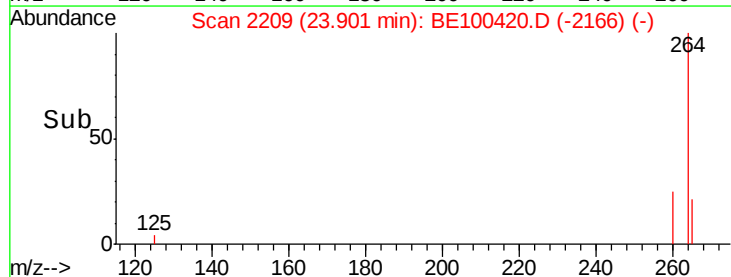
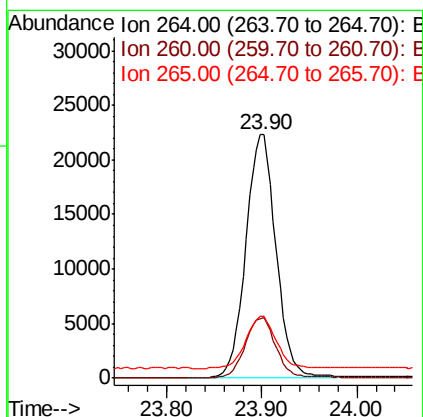
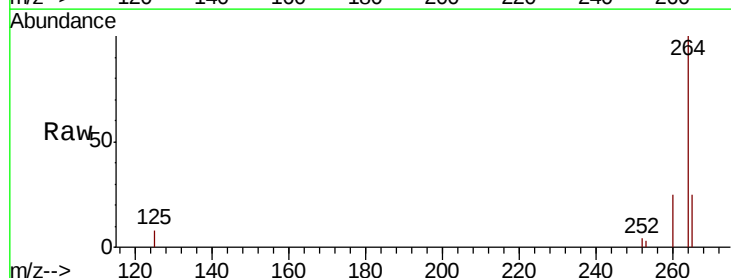
Instrument :
BNA_E
ClientSampleId :

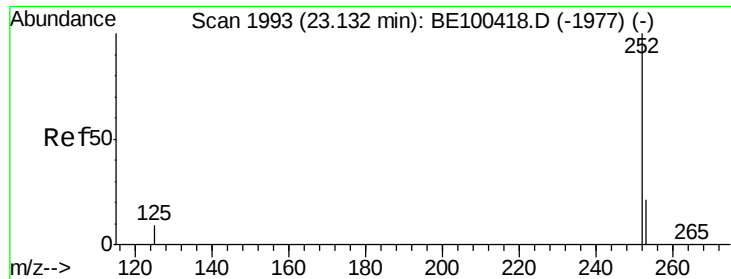
Tot Ion:276 Resp: 283220
Ion Ratio Lower Upper
276 100
138 20.6 0.0 0.0#
277 24.6 0.0 0.0#



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE100420.D
Acq: 12 Jul 2019 14:12

Tgt Ion:264 Resp: 48784
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 25.3 20.8 31.2





#35

Benzo(b)fluoranthene

Concen: 1.859 ng

RT: 23.13 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

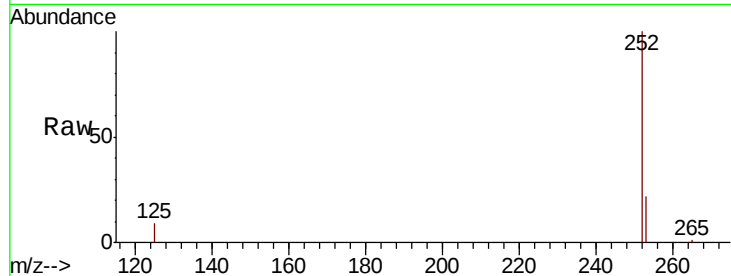
Tot Ion:252 Resp: 241955

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

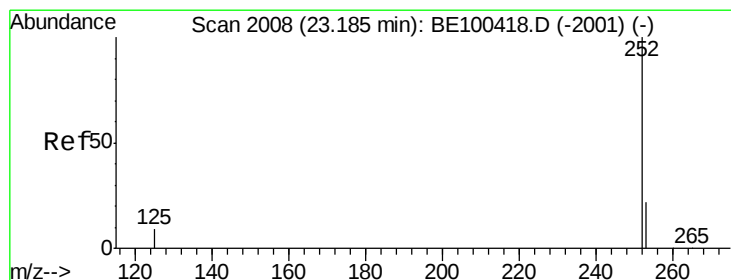
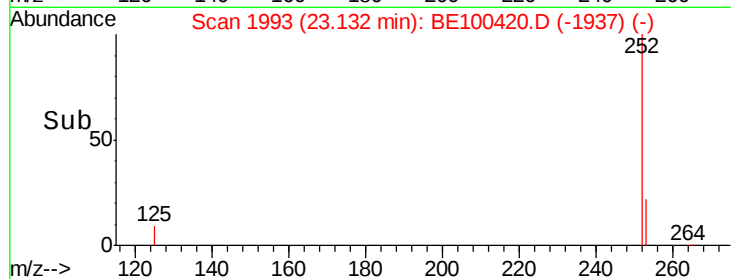
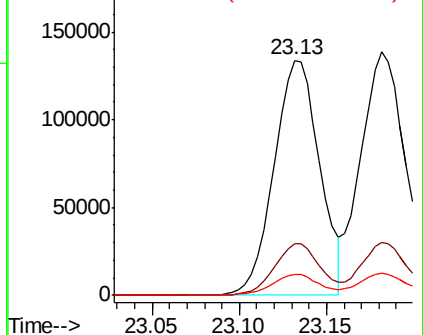
125 9.0 8.5 12.7



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: 1.576 ng

RT: 23.18 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

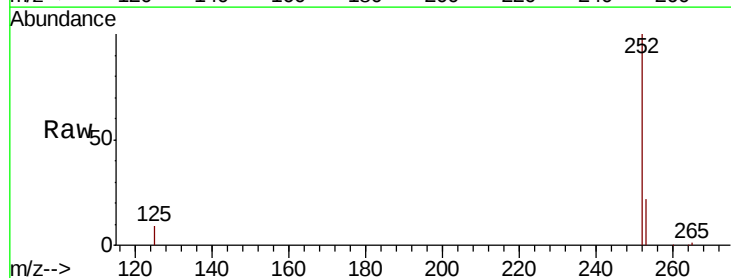
Tgt Ion:252 Resp: 254000

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

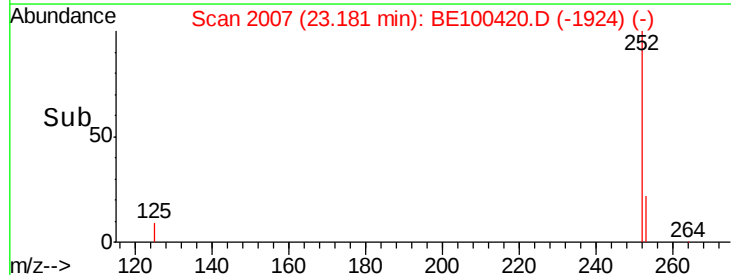
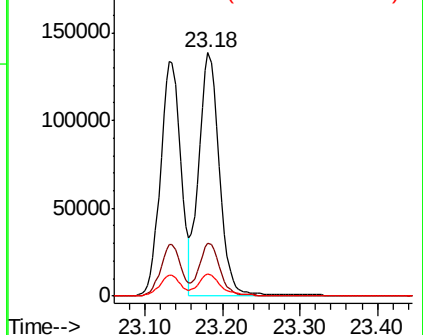
125 9.0 8.5 12.7

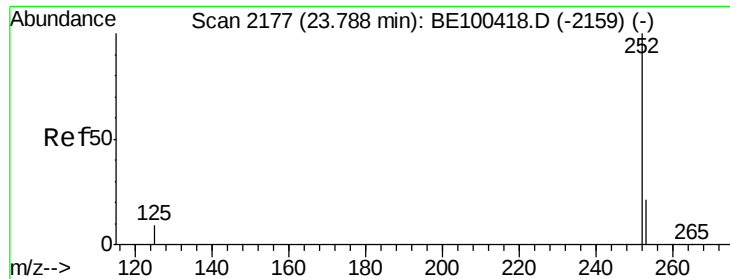


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.691 ng

RT: 23.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

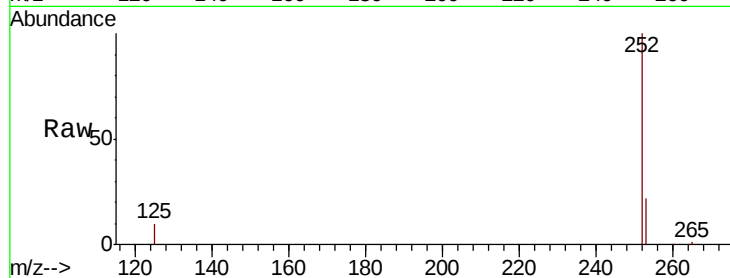
Tot Ion:252 Resp: 231740

Ion Ratio Lower Upper

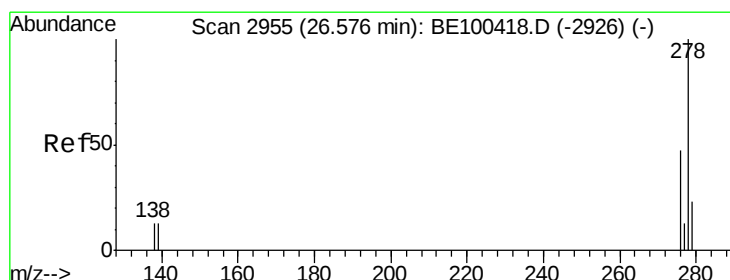
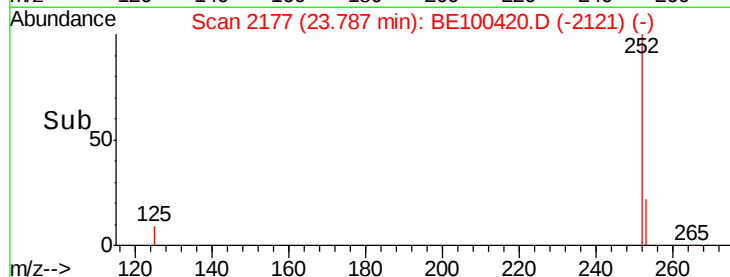
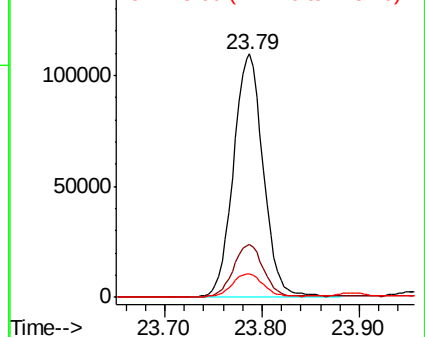
252 100

253 21.8 18.2 27.4

125 9.8 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: 1.728 ng

RT: 26.57 min Scan# 2954

Delta R.T. -0.00 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

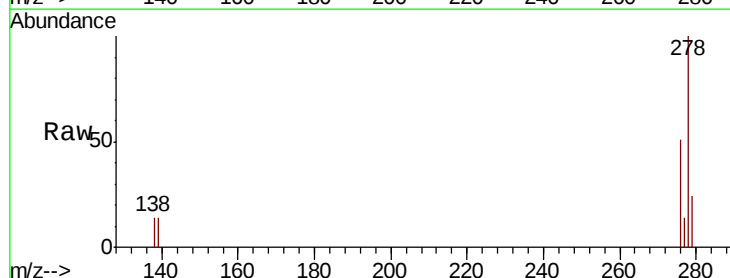
Tgt Ion:278 Resp: 233348

Ion Ratio Lower Upper

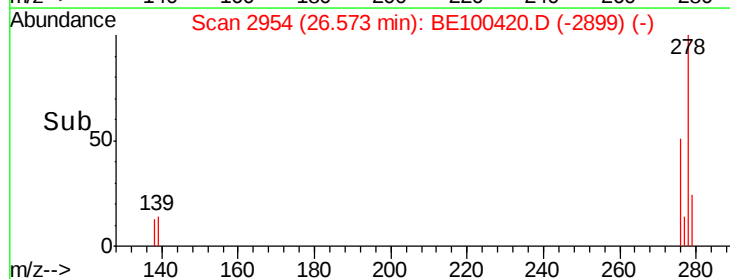
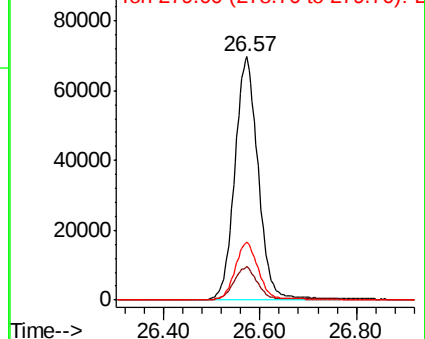
278 100

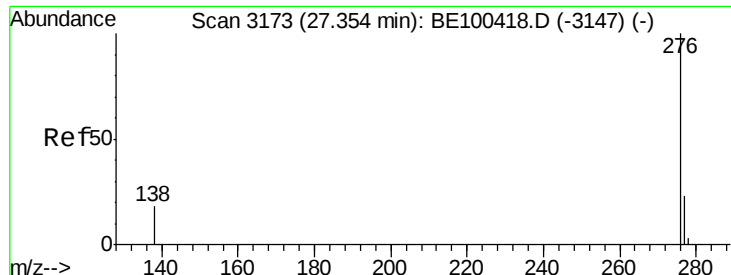
139 13.7 11.6 17.4

279 23.9 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: 1.430 ng

RT: 27.34 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BE100420.D

Acq: 12 Jul 2019 14:12

Instrument :

BNA_E

ClientSampleId :

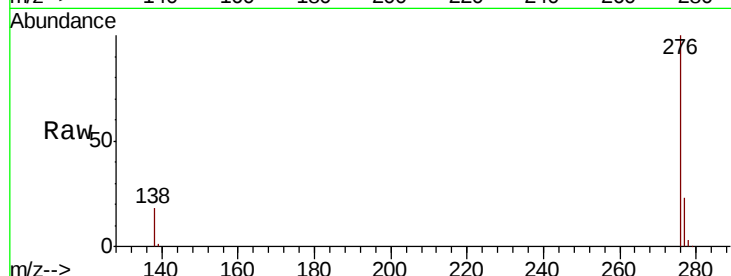
Tot Ion: 276 Resp: 229890

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 18.5 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

