

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100271.D
 Acq On : 1 Jul 2019 18:31
 Operator : JU/SJ
 Sample : K3428-13DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW155-061319DL

Quant Time: Jul 02 02:21:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	876	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	3300	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	2645	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	7288	0.40	ng	0.00
27) Chrysene-d12	21.24	240	9952	0.40	ng	0.00
34) Perylene-d12	23.67	264	10890	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	165	0.07	ng	0.01
5) Phenol-d6	6.84	99	188	0.06	ng	0.00
8) Nitrobenzene-d5	8.82	82	196	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	437	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	129	0.07	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	558	0.05	ng	0.00
25) Fluoranthene-d10	19.10	212	7004	0.07	ng	0.00
29) Terphenyl-d14	19.70	244	2120	0.10	ng	0.00

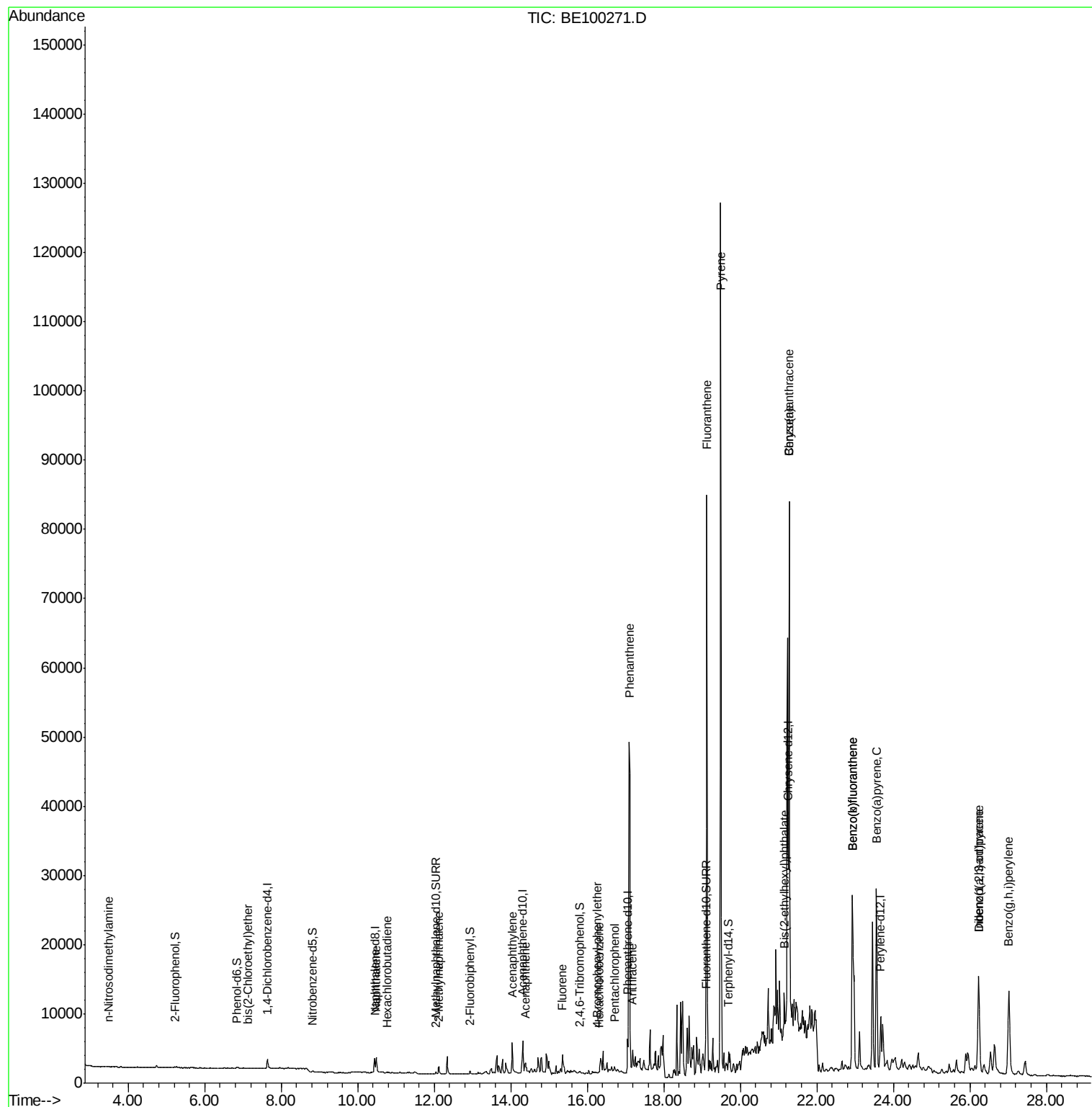
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.50	42	10	0.016	ng	# 1
6) bis(2-Chloroethyl)ether	7.12	93	3	0.001	ng	# 1
9) Naphthalene	10.48	128	4141	0.114	ng	# 97
10) Hexachlorobutadiene	10.76	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	12.12	142	998	0.156	ng	99
16) Acenaphthylene	14.04	152	5422	0.427	ng	97
17) Acenaphthene	14.38	154	848	0.118	ng	95
18) Fluorene	15.35	166	2534	0.238	ng	# 84
20) 4-Bromophenyl-phenylether	16.25	248	6	0.001	ng	# 51
21) Hexachlorobenzene	16.30	284	7	0.001	ng	# 48
22) Pentachlorophenol	16.72	266	25	0.017	ng	# 72
23) Phenanthrene	17.09	178	59075	3.344	ng	99
24) Anthracene	17.19	178	3794	0.239	ng	# 95
26) Fluoranthene	19.13	202	74768	2.657	ng	99
28) Pyrene	19.49	202	115356	4.378	ng	96
30) Benzo(a)anthracene	21.28	228	70202	2.145	ng	95
31) Chrysene	21.28	228	69822	2.125	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	4262	0.035	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.23	276	26754	0.616	ng	97
35) Benzo(b)fluoranthene	22.93	252	50908	1.724	ng	# 97
36) Benzo(k)fluoranthene	22.93	252	50908	1.545	ng	97
37) Benzo(a)pyrene	23.56	252	41059	1.388	ng	# 94
38) Dibenzo(a,h)anthracene	26.24	278	8082	0.262	ng	# 81
39) Benzo(g,h,i)perylene	27.02	276	31151	0.981	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW155-061319DL

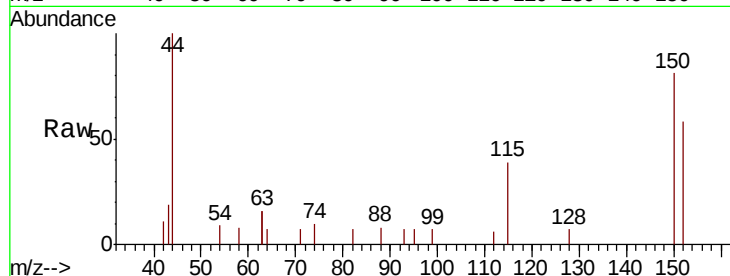
Tgt Ion: 152 Resp: 876

Ion Ratio Lower Upper

152 100

150 141.1 114.5 171.7

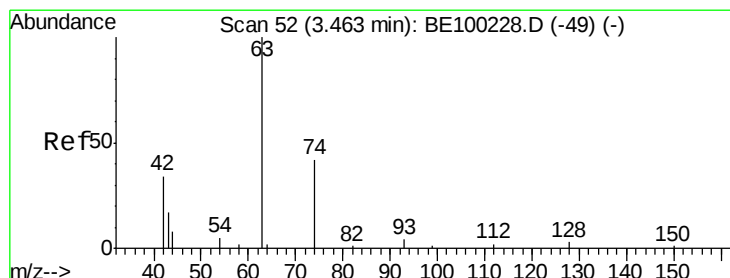
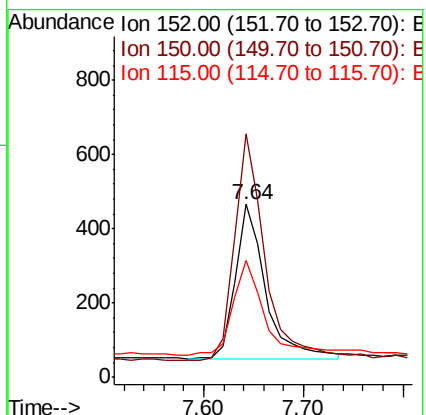
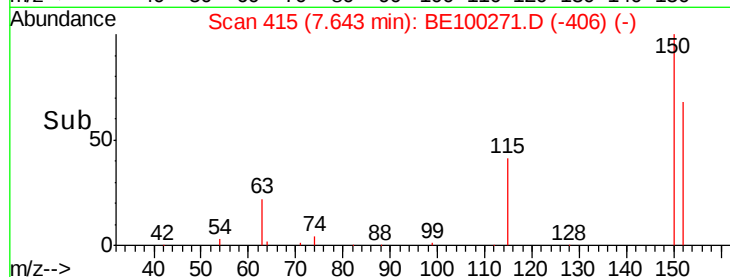
115 67.5 57.1 85.7



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



#3

n-Nitrosodimethylamine

Concen: 0.016 ng

RT: 3.50 min Scan# 55

Delta R.T. 0.03 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

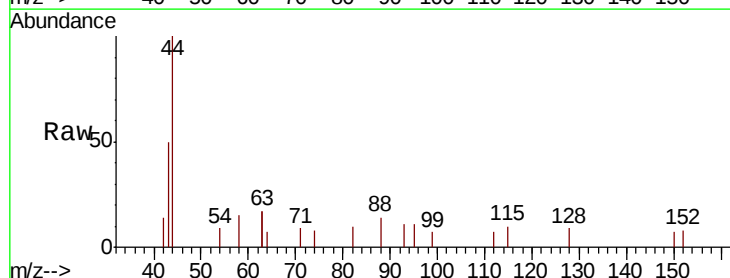
Tgt Ion: 42 Resp: 10

Ion Ratio Lower Upper

42 100

74 60.0 130.6 196.0#

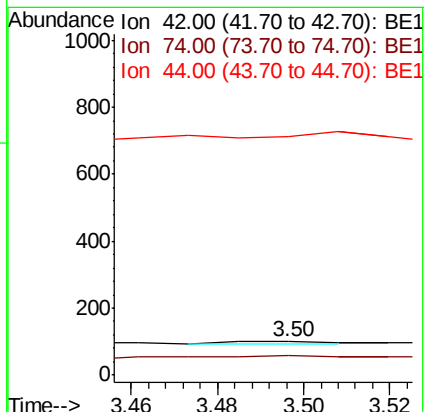
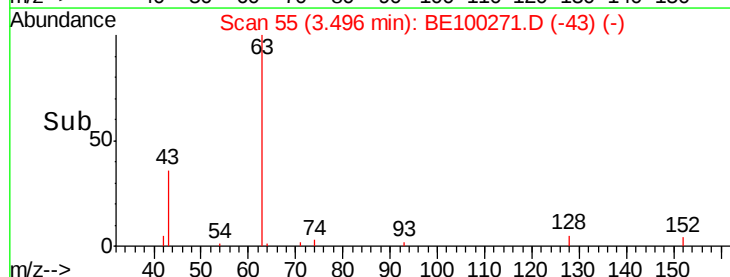
44 670.0 38.0 57.0#



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: 0.074 ng

RT: 5.22 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW155-061319DL

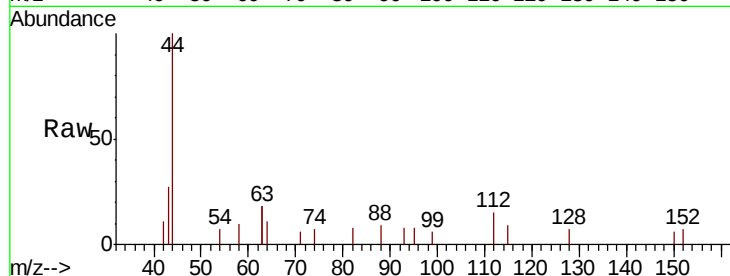
Tgt Ion: 112 Resp: 165

Ion Ratio Lower Upper

112 100

64 63.6 39.4 59.0#

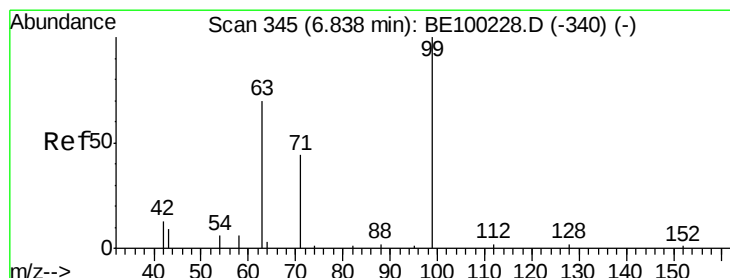
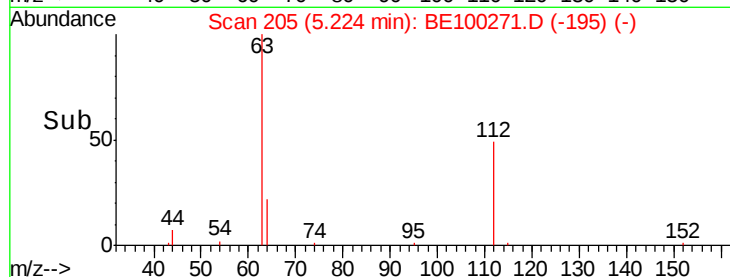
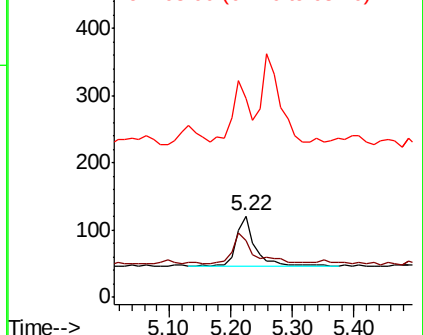
63 102.4 104.5 156.7#



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: 0.064 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

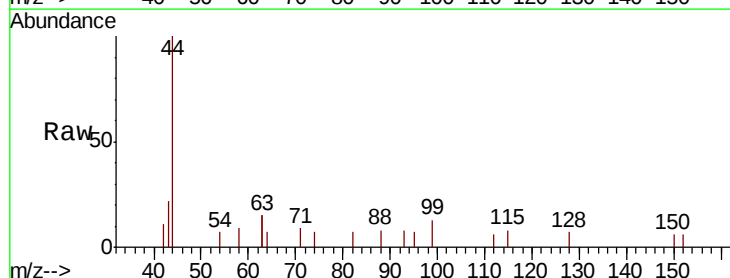
Tgt Ion: 99 Resp: 188

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

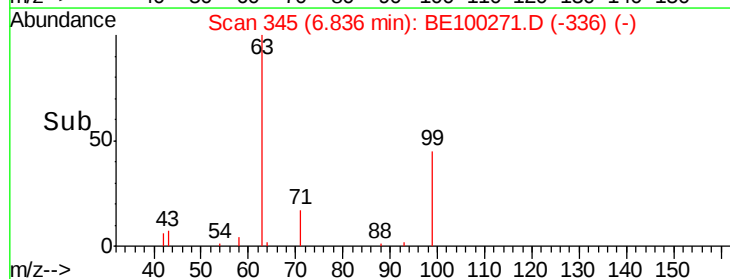
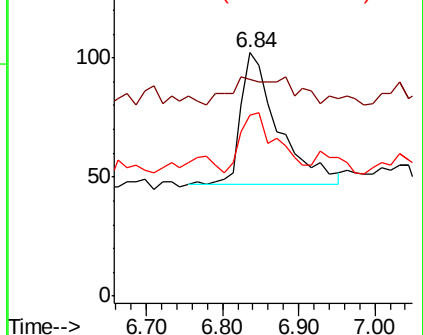
71 42.6 37.2 55.8

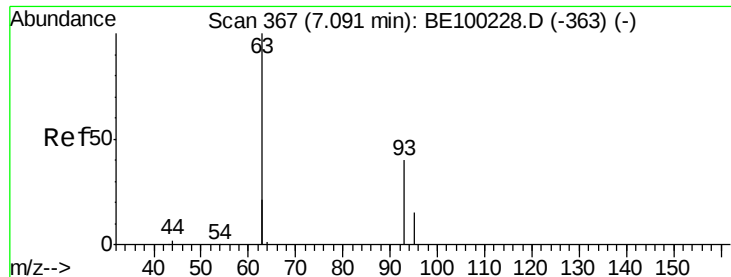


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.12 min Scan# 370

Delta R.T. 0.03 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Instrument :

BNA_M

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EXT-084-SW155-061319DL

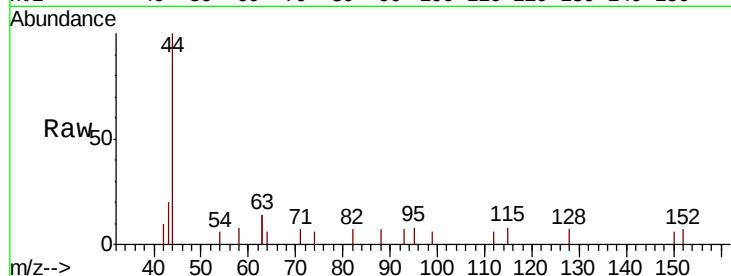
Tgt Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 1333.3 155.6 233.4#

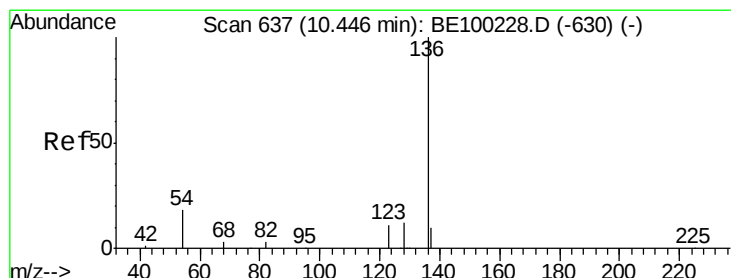
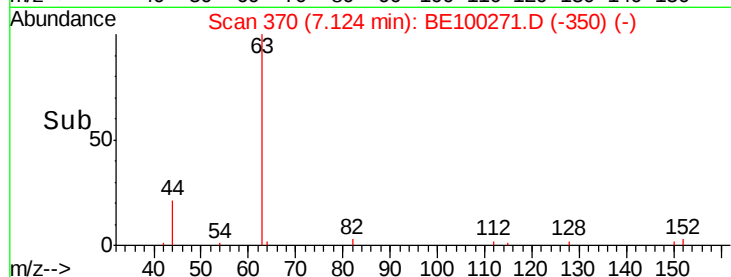
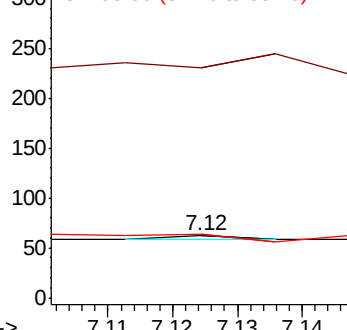
95 0.0 23.0 34.4#



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: 10.44 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Tgt Ion: 136 Resp: 3300

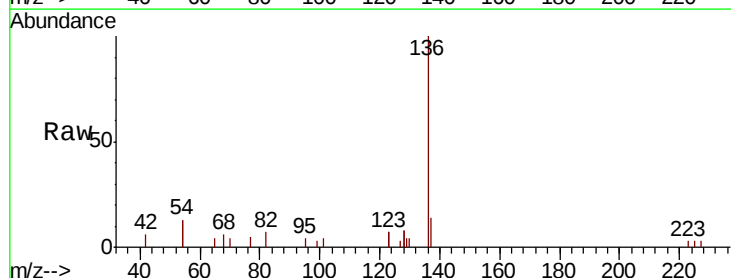
Ion Ratio Lower Upper

136 100

137 13.8 11.8 17.8

54 26.2 27.7 41.5#

68 6.4 6.8 10.2#

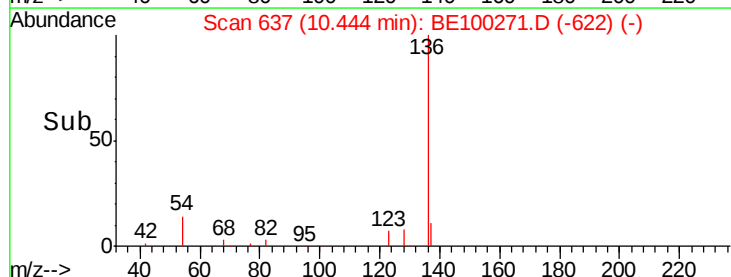
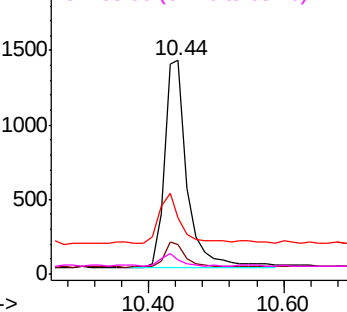


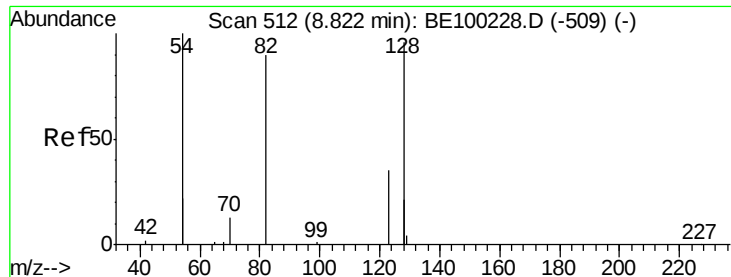
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.060 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

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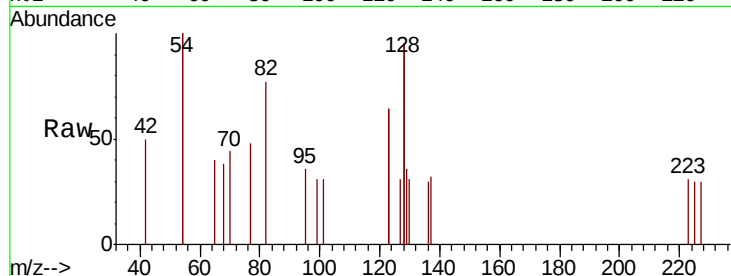
Tgt Ion: 82 Resp: 196

Ion Ratio Lower Upper

82 100

128 247.5 140.9 211.3#

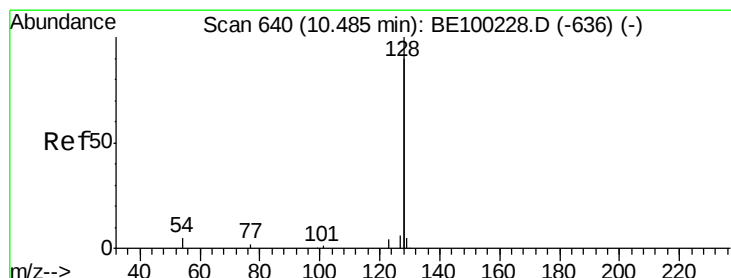
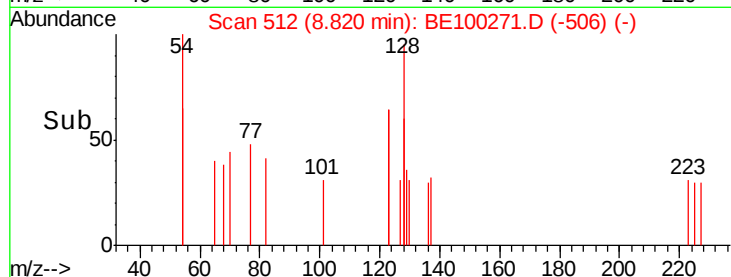
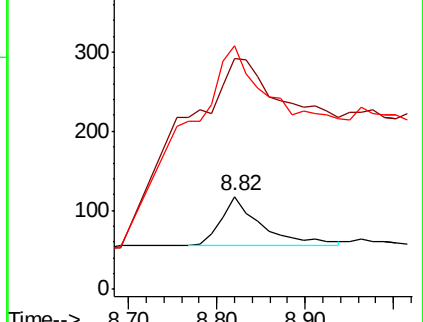
54 261.0 146.2 219.2#



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.114 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

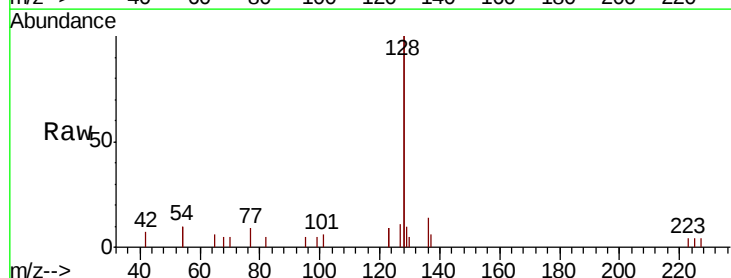
Tgt Ion: 128 Resp: 4141

Ion Ratio Lower Upper

128 100

129 4.8 3.0 4.6#

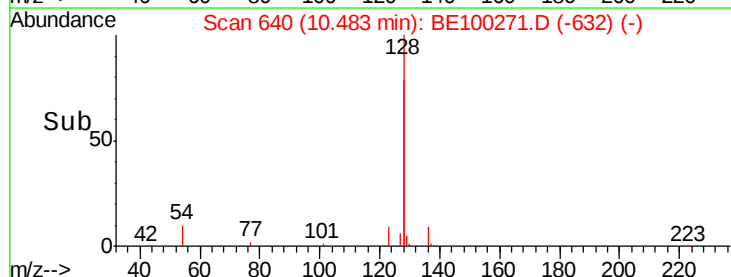
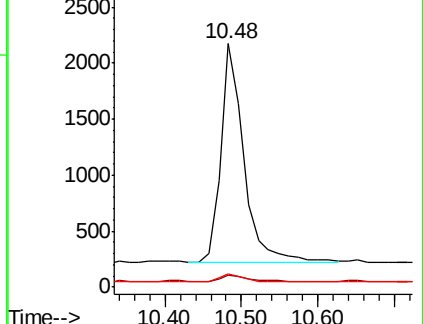
127 5.4 3.5 5.3#

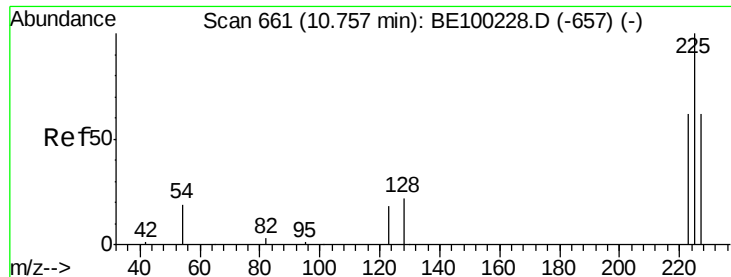


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

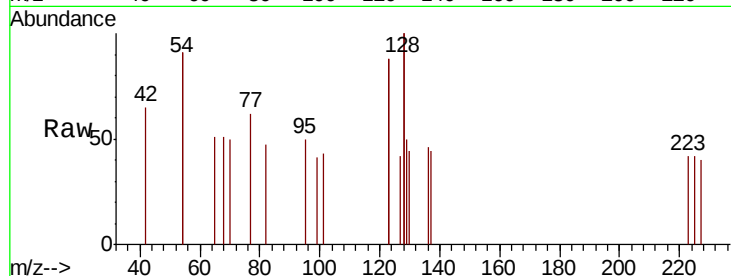




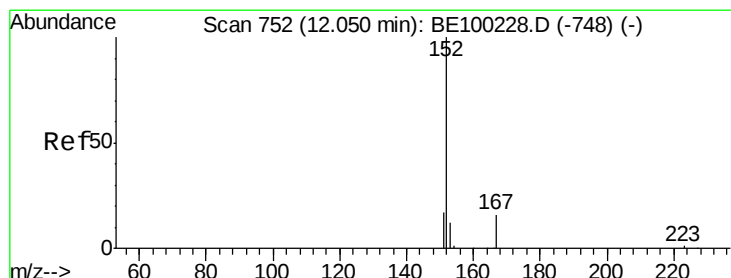
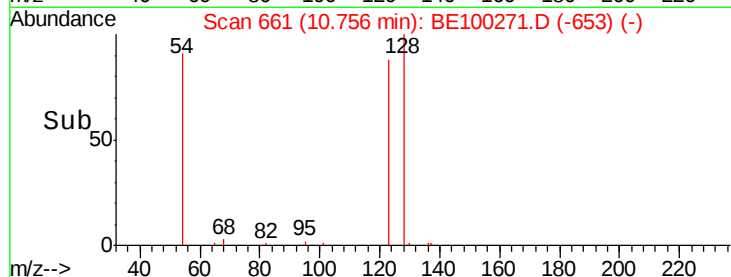
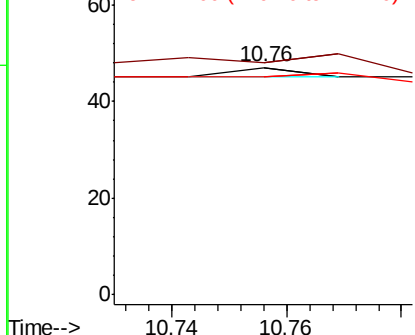
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.76 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

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Tgt Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 200.0 49.1 73.7#
227 250.0 49.3 73.9#

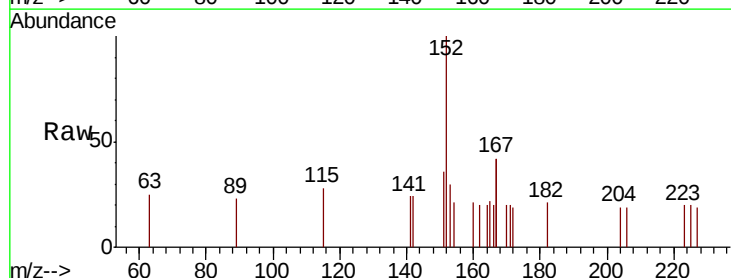


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

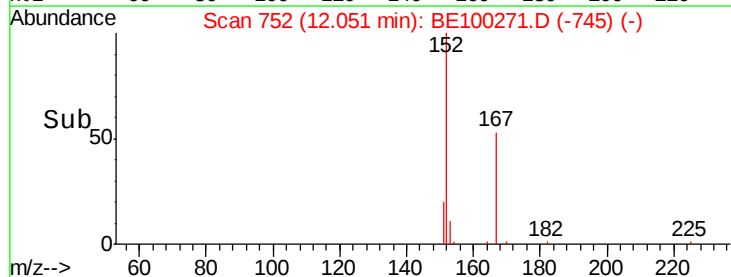
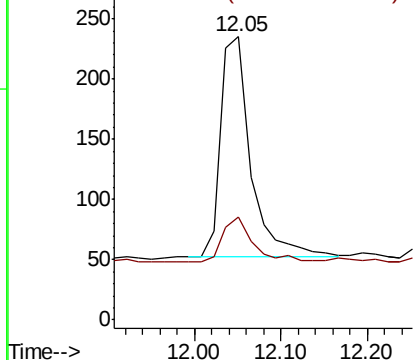


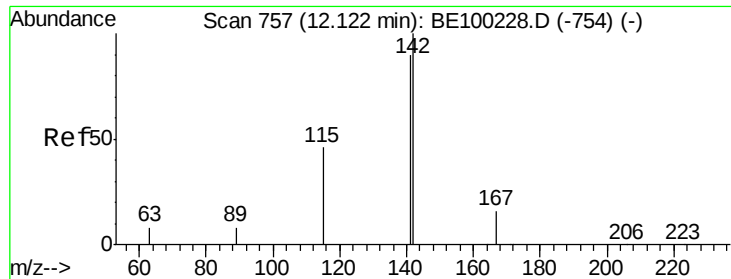
#11
2-Methylnaphthalene-d10
Concen: 0.070 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

Tgt Ion: 152 Resp: 437
Ion Ratio Lower Upper
152 100
151 22.2 15.1 22.7



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

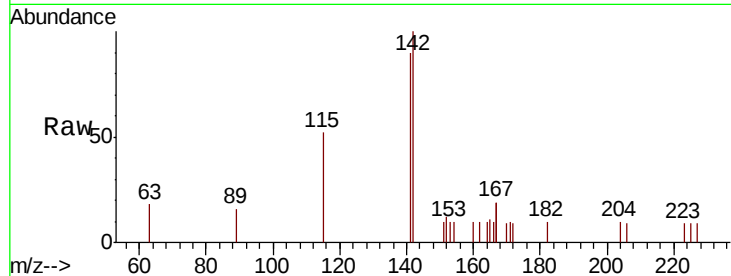




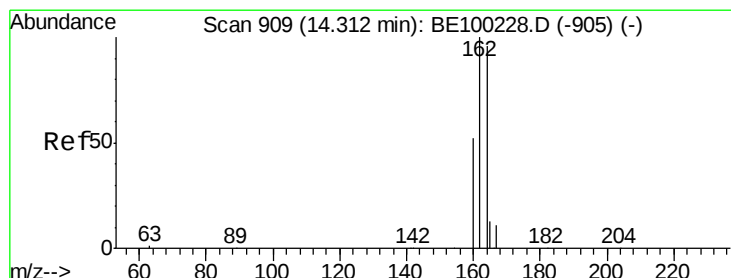
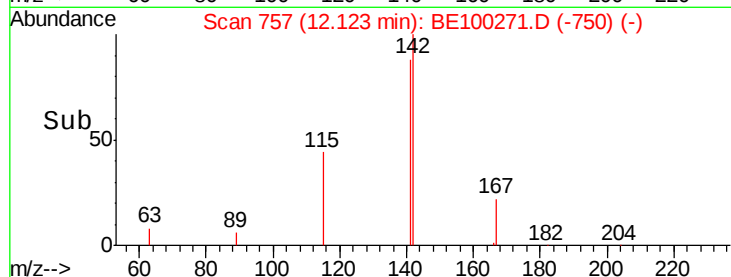
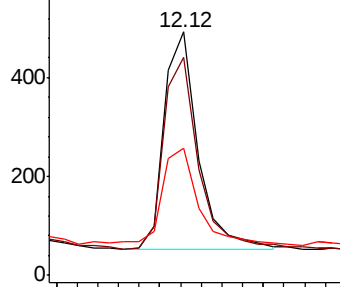
#12
 2-Methylnaphthalene
 Concen: 0.156 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

Instrument :
 BNA_M
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 EXT-084-SW155-061319DL

Tgt Ion:142 Resp: 998
 Ion Ratio Lower Upper
 142 100
 141 89.7 72.4 108.6
 115 51.9 40.4 60.6

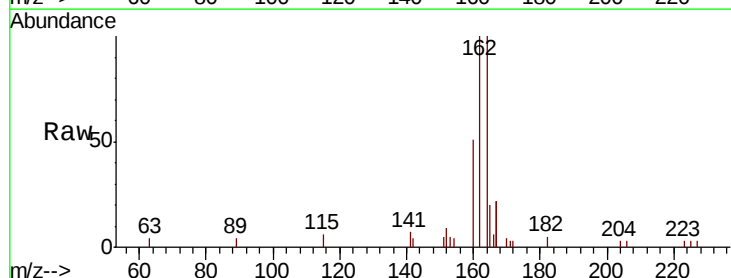


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

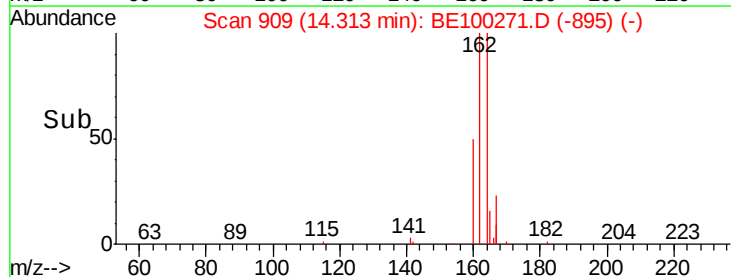
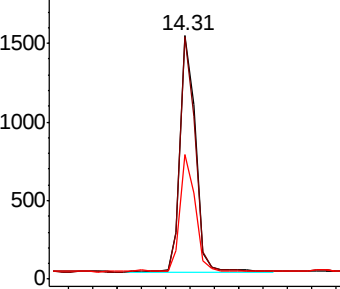


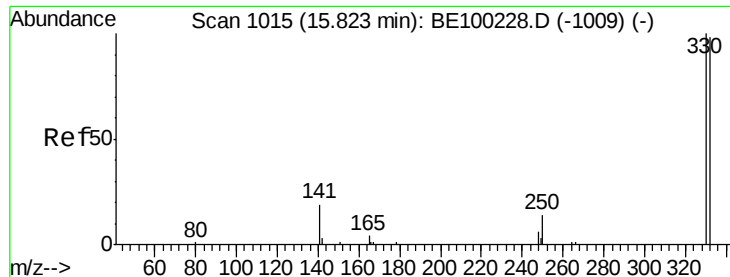
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

Tgt Ion:164 Resp: 2645
 Ion Ratio Lower Upper
 164 100
 162 99.8 83.4 125.0
 160 51.5 45.0 67.6



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: 0.070 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW155-061319DL

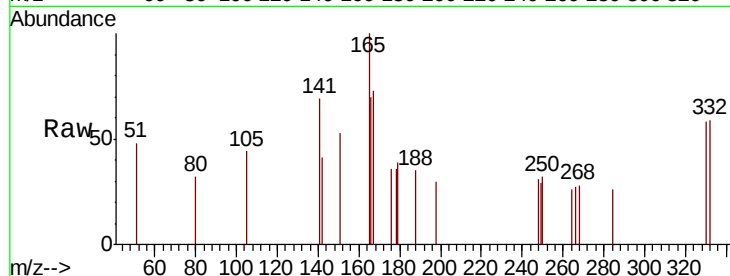
Tgt Ion: 330 Resp: 129

Ion Ratio Lower Upper

330 100

332 93.0 77.0 115.4

141 181.4 22.0 33.0#

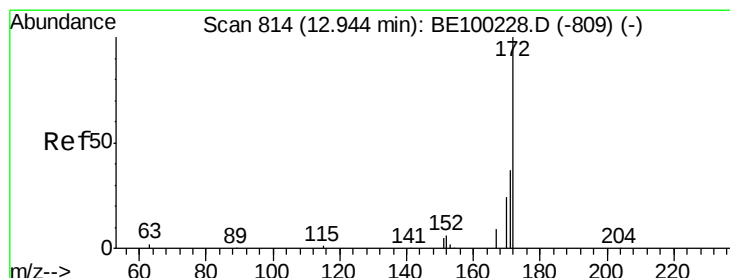
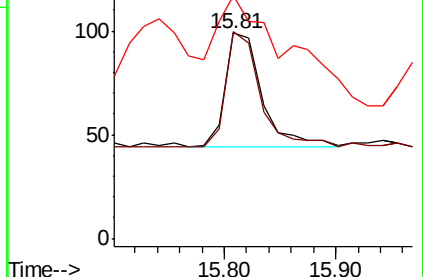
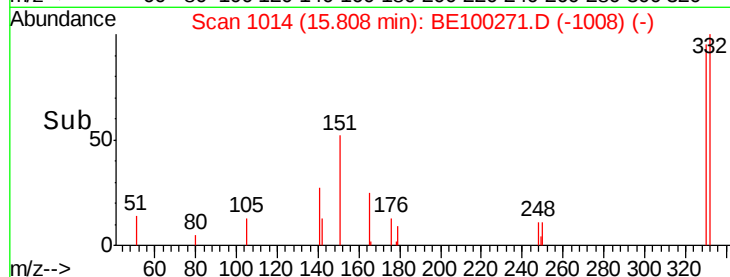


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

15.81



#15

2-Fluorobiphenyl

Concen: 0.054 ng

RT: 12.94 min Scan# 814

Delta R.T. 0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

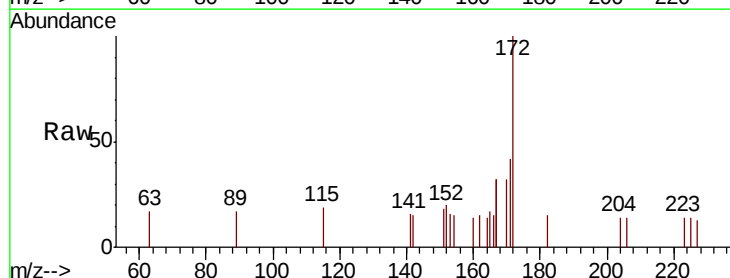
Tgt Ion: 172 Resp: 558

Ion Ratio Lower Upper

172 100

171 42.2 31.9 47.9

170 32.1 22.2 33.2

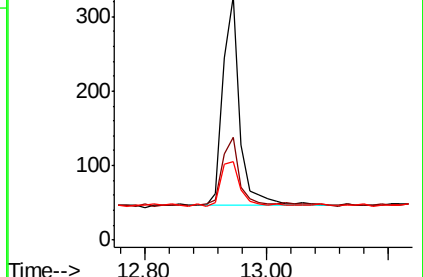
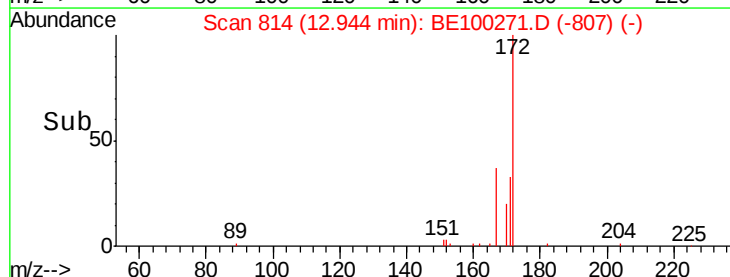


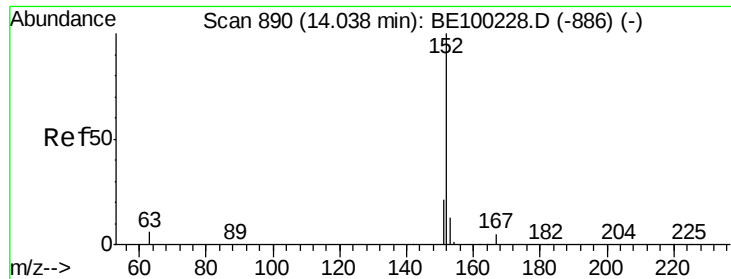
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

12.94

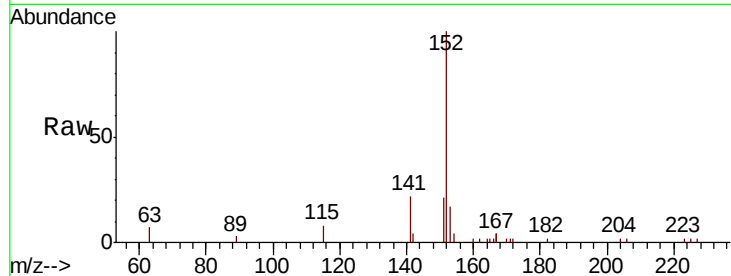




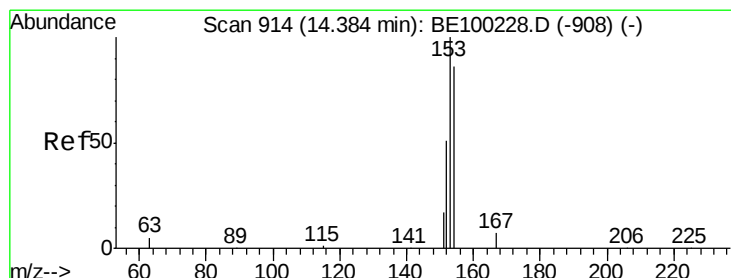
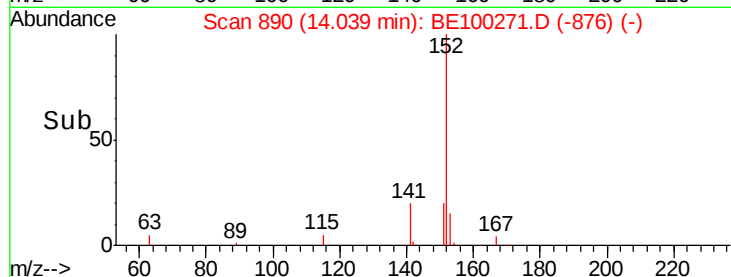
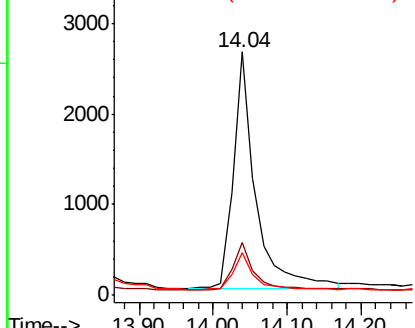
#16
Acenaphthylene
Concen: 0.427 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW155-061319DL

Tgt Ion:152 Resp: 5422
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 15.2 10.5 15.7

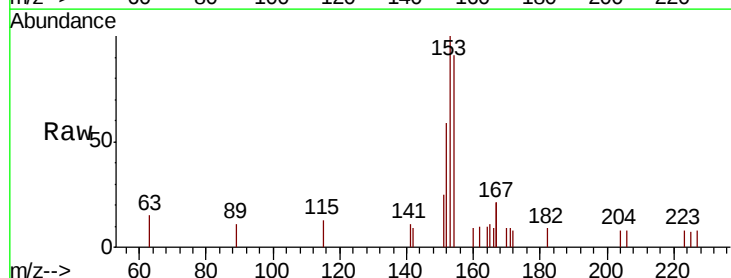


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

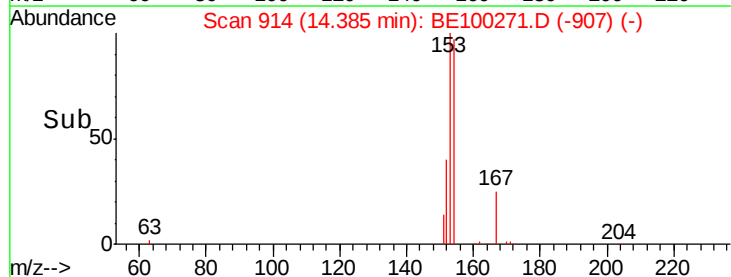
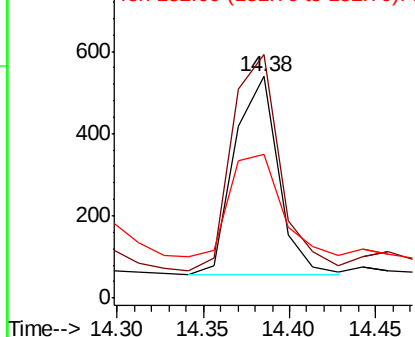


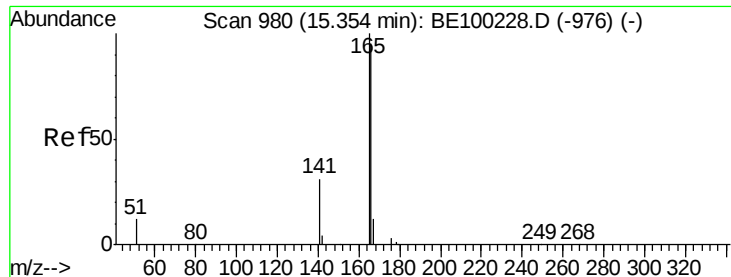
#17
Acenaphthene
Concen: 0.118 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

Tgt Ion:154 Resp: 848
Ion Ratio Lower Upper
154 100
153 120.9 93.4 140.2
152 67.3 49.4 74.2



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

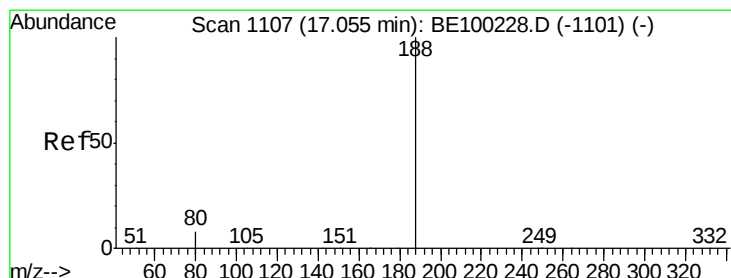
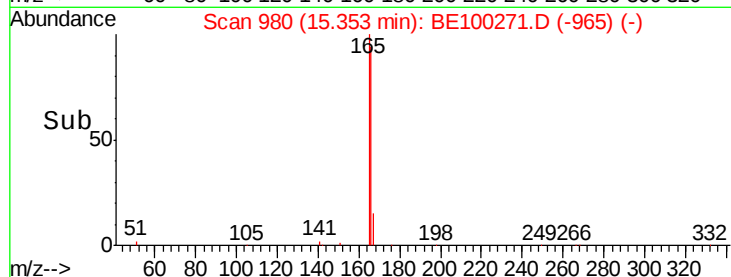
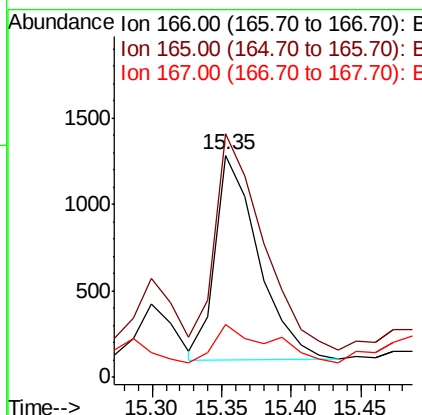
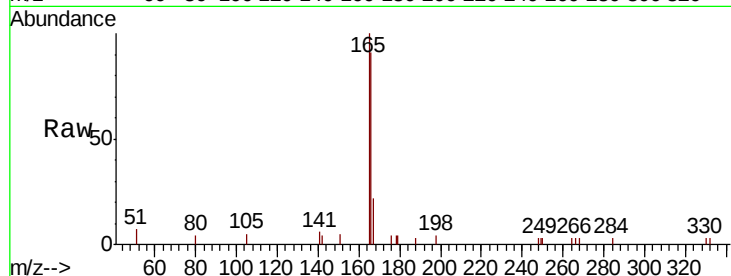




#18
Fluorene
 Concen: 0.238 ng
 RT: 15.35 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

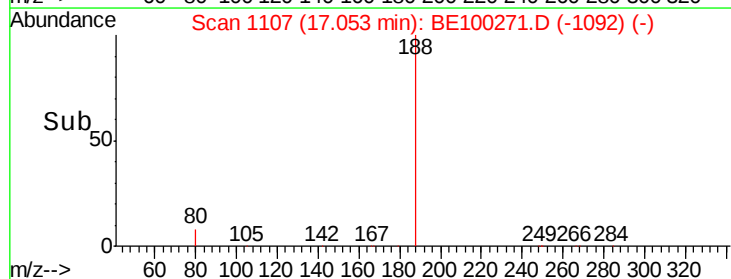
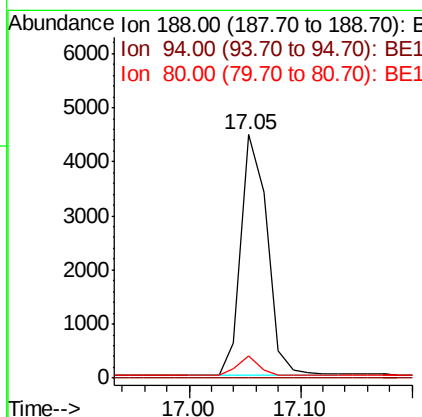
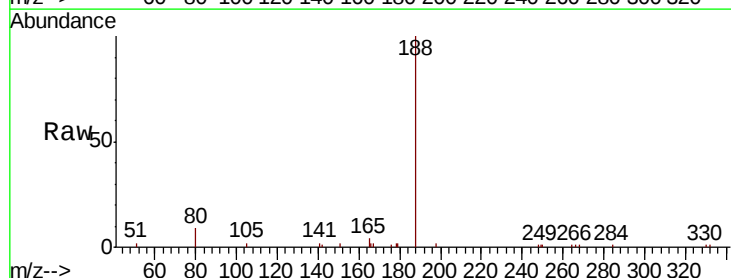
Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW155-061319DL

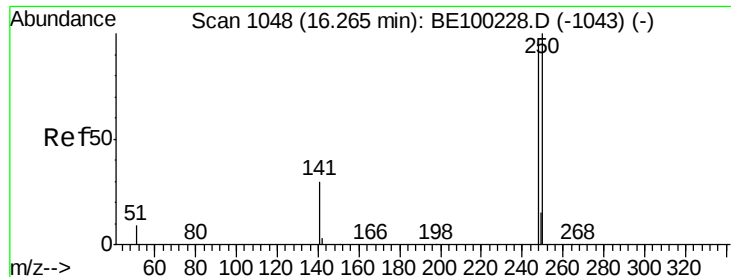
Tgt Ion:166 Resp: 2534
 Ion Ratio Lower Upper
 166 100
 165 116.7 81.1 121.7
 167 23.8 10.7 16.1#



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.05 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

Tgt Ion:188 Resp: 7288
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.0 7.6 11.4





#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

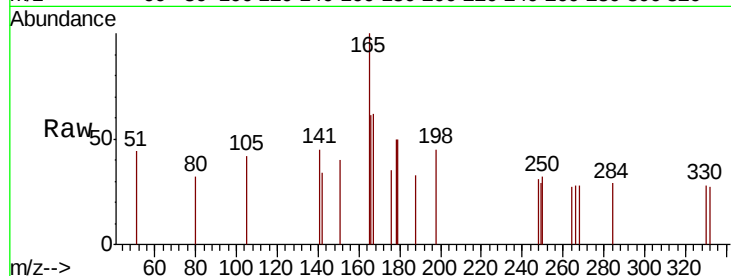
Instrument :

BNA_M

ClientSampleId :

EXT-084-SW155-061319DL

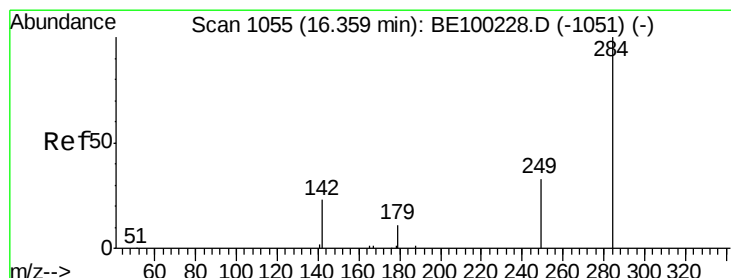
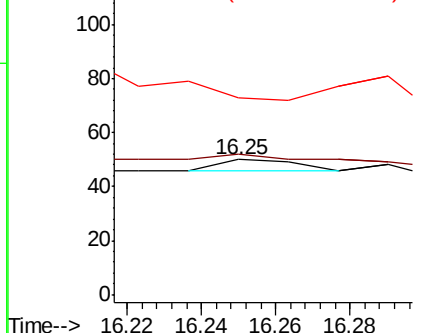
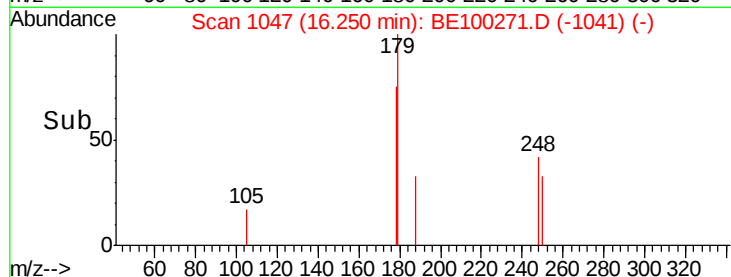
Tgt Ion:	248	Resp:	6
Ion	Ratio	Lower	Upper
248	100		
250	104.0	84.2	126.4
141	146.0	29.3	43.9#



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: 0.001 ng

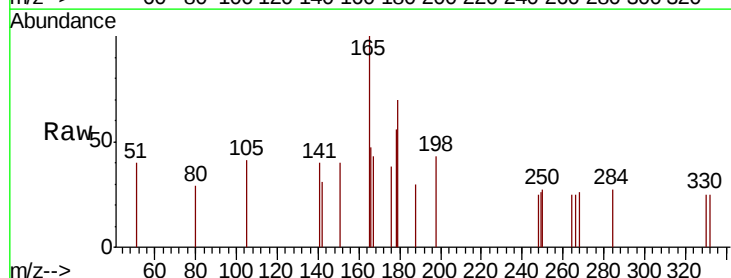
RT: 16.30 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

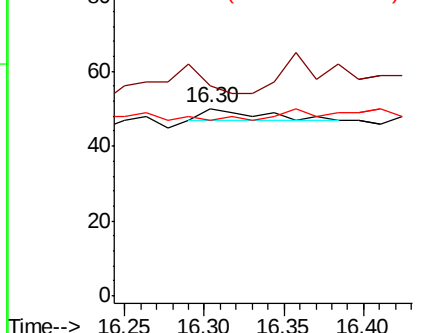
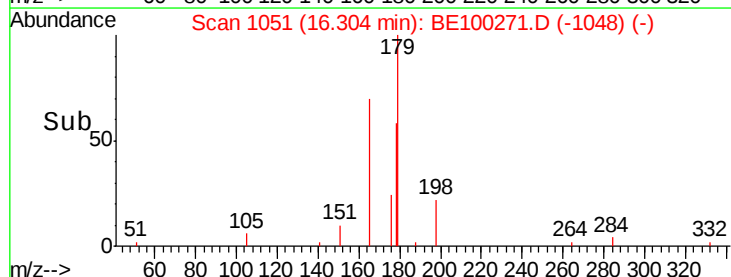
Tgt Ion:	284	Resp:	7
Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.8	28.2#
249	0.0	23.7	35.5#

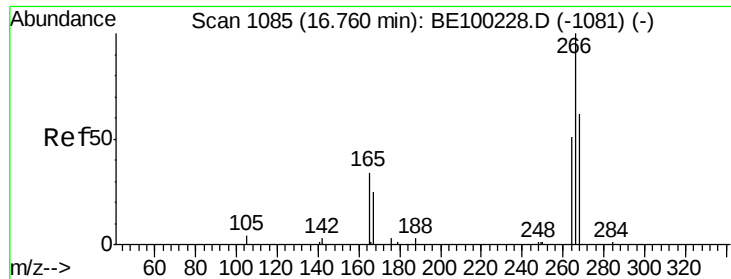


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.017 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

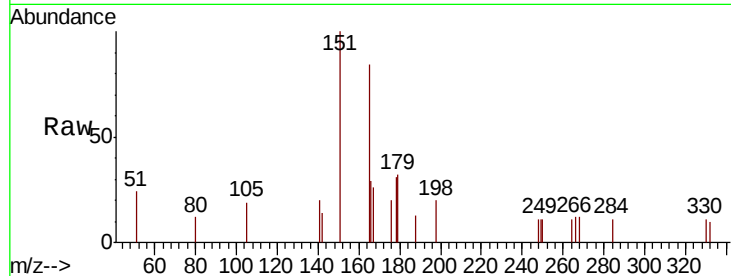
Instrument :

BNA_M

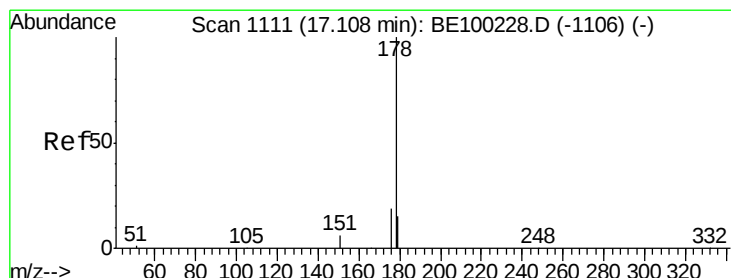
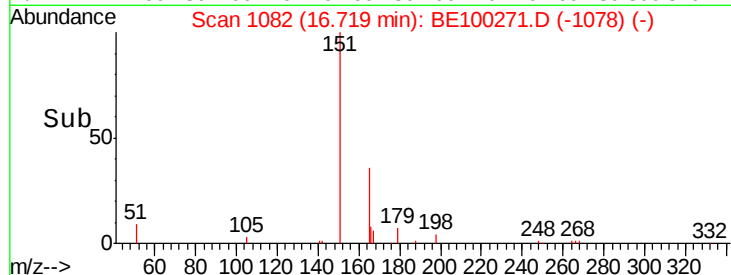
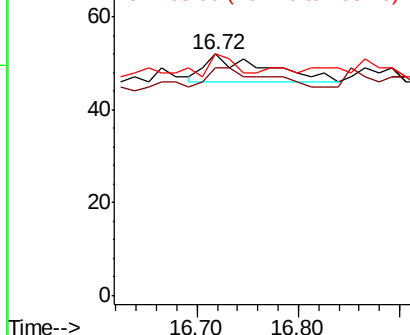
ClientSampleId :

EXT-084-SW155-061319DL

Tgt Ion:	266	Resp:	25
Ion	Ratio	Lower	Upper
266	100		
264	94.2	56.2	84.2#
268	100.0	61.8	92.6#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 3.344 ng

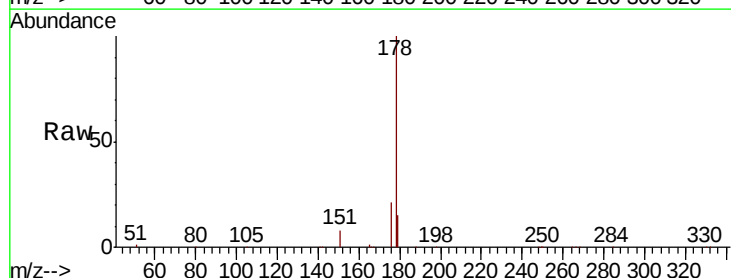
RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

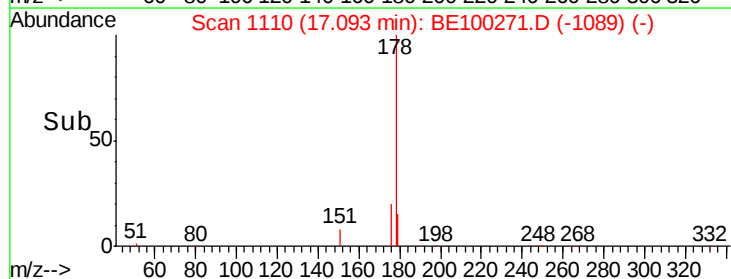
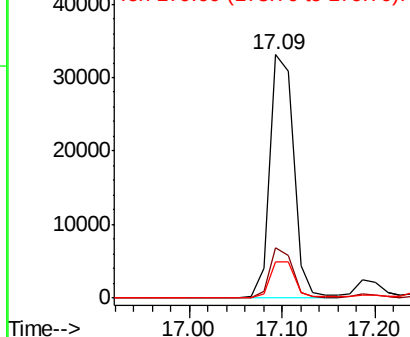
Lab File: BE100271.D

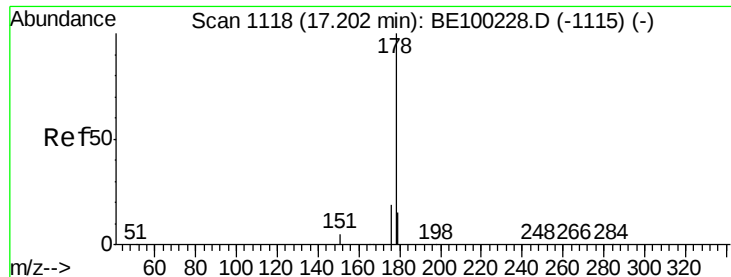
Acq: 1 Jul 2019 18:31

Tgt Ion:	178	Resp:	59075
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.4	12.2	18.2



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: 0.239 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW155-061319DL

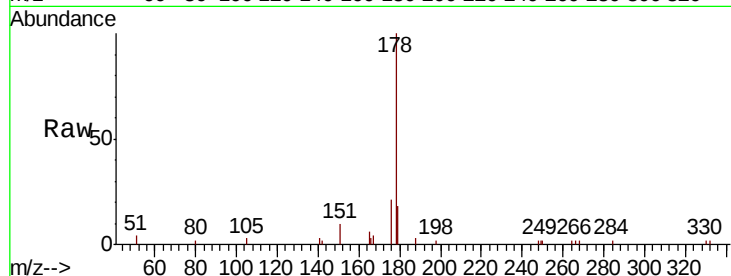
Tgt Ion:178 Resp: 3794

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

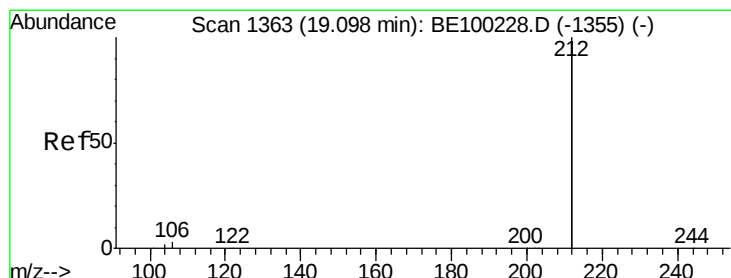
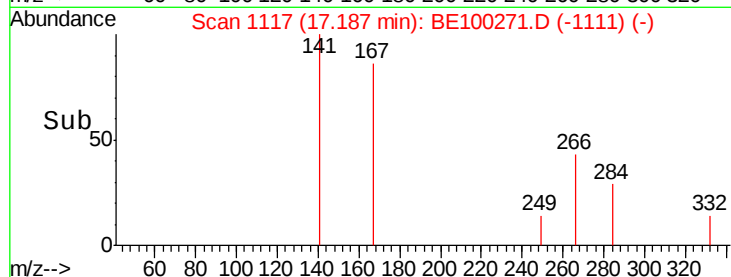
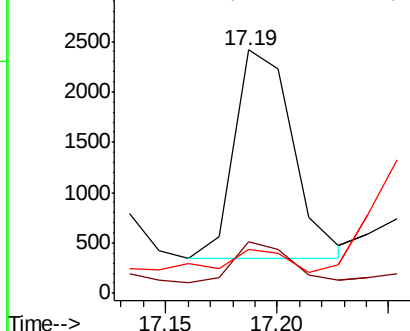
179 10.9 12.2 18.2#



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: 0.066 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

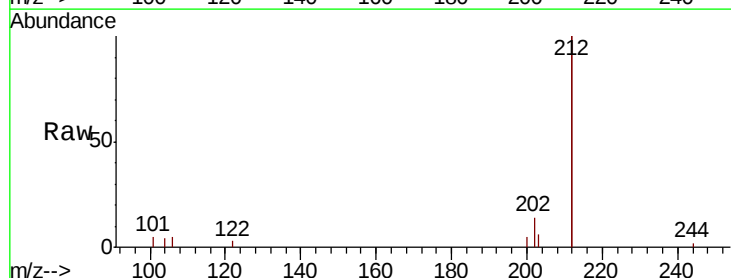
Tgt Ion:212 Resp: 7004

Ion Ratio Lower Upper

212 100

106 1.9 1.3 1.9

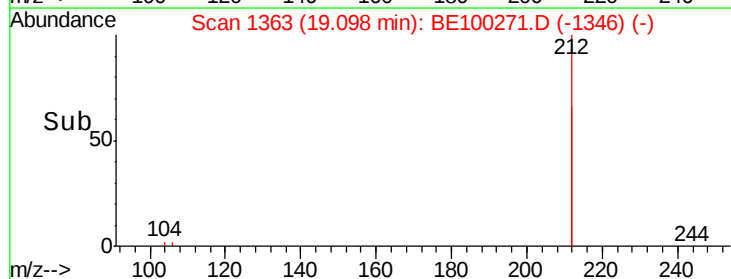
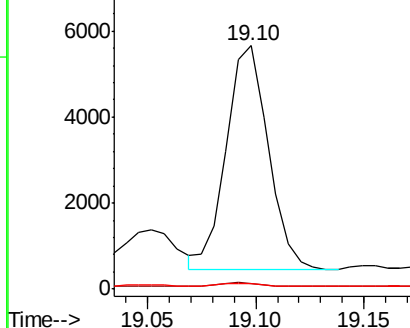
104 1.2 0.8 1.2

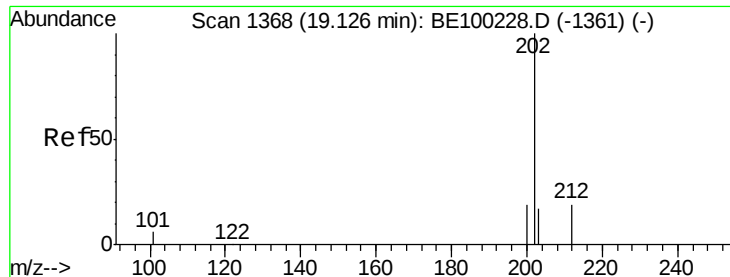


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

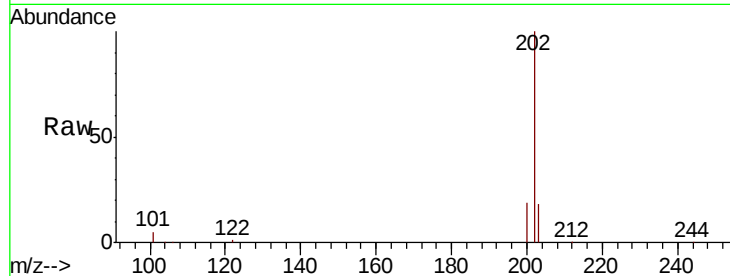




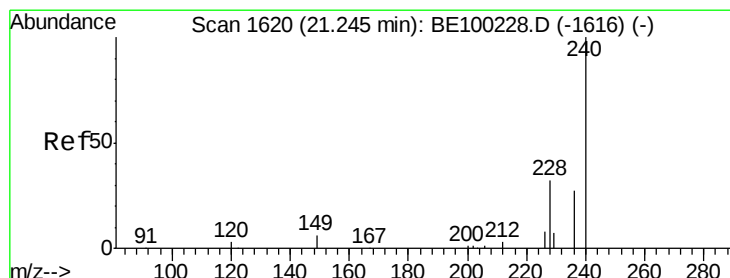
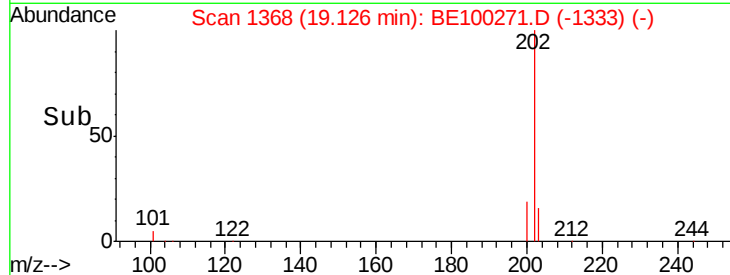
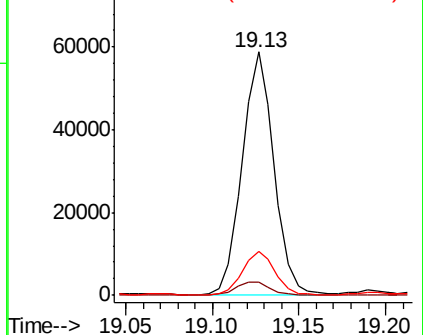
#26
Fluoranthene
Concen: 2.657 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

Instrument :
BNA_M
ClientSampleId :
EXT-084-SW155-061319DL

Tgt Ion:202 Resp: 74768
Ion Ratio Lower Upper
202 100
101 5.7 4.6 7.0
203 17.9 13.7 20.5

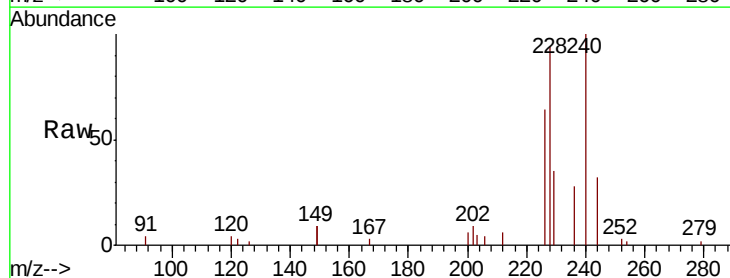


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

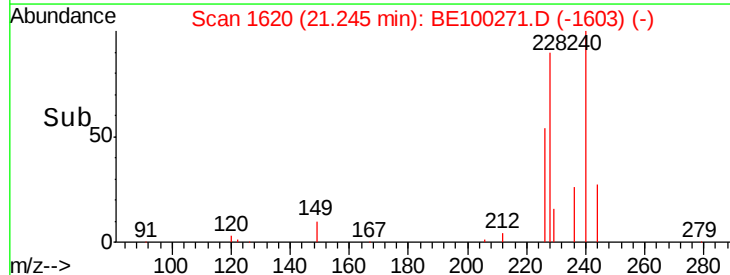
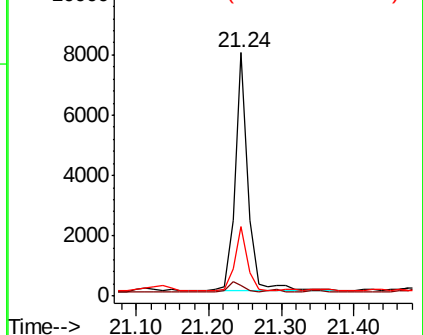


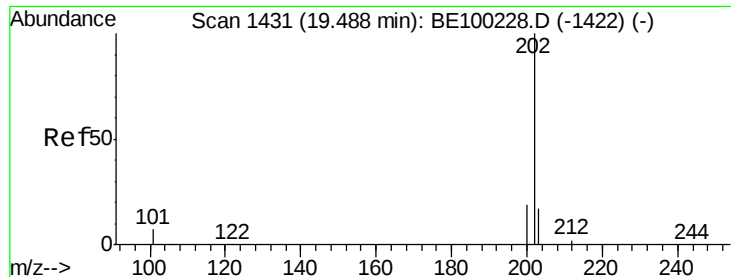
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

Tgt Ion:240 Resp: 9952
Ion Ratio Lower Upper
240 100
120 4.3 3.3 4.9
236 28.4 22.6 34.0



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: 4.378 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW155-061319DL

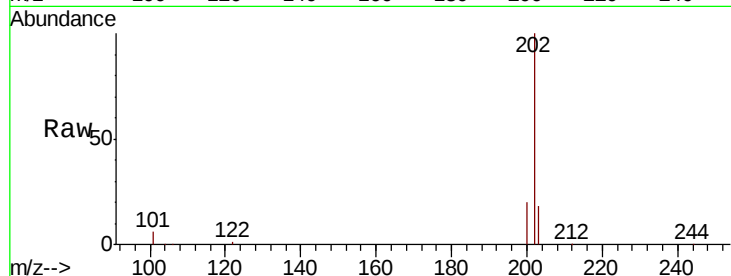
Tgt Ion: 202 Resp: 115356

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

203 20.7 14.0 21.0

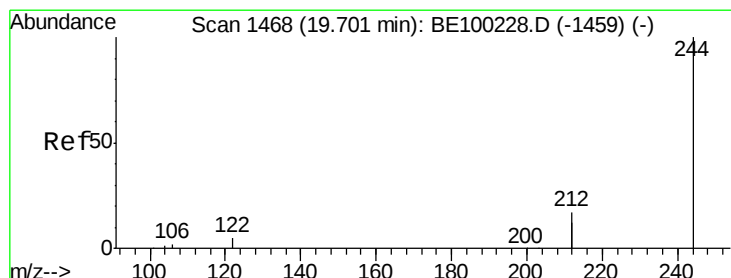
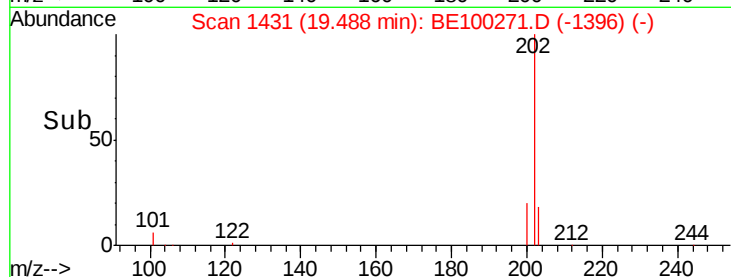
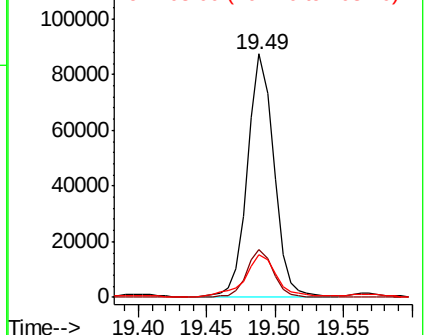


Abundance

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: 0.103 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

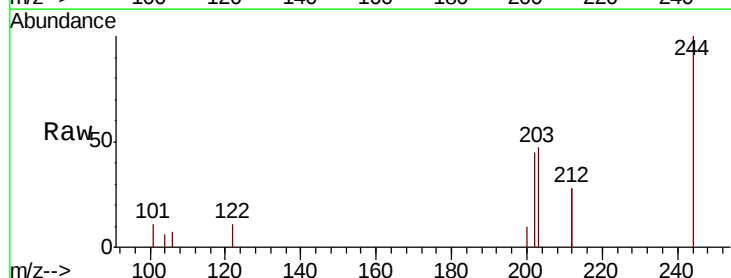
Tgt Ion: 244 Resp: 2120

Ion Ratio Lower Upper

244 100

212 55.4 27.3 40.9#

122 10.5 4.7 7.1#

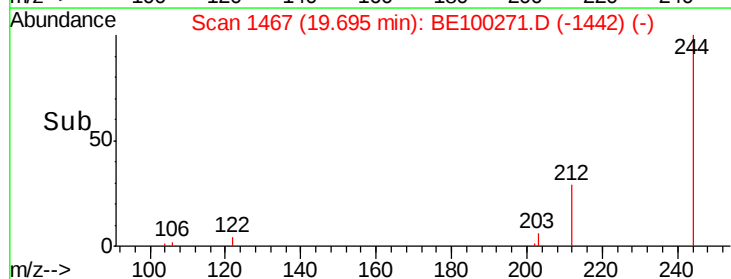
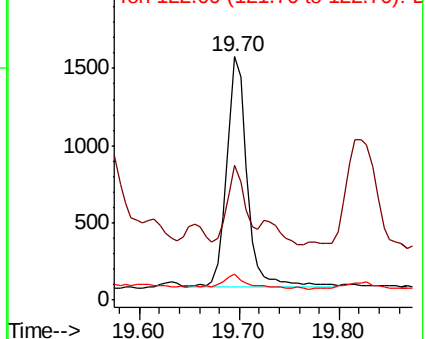


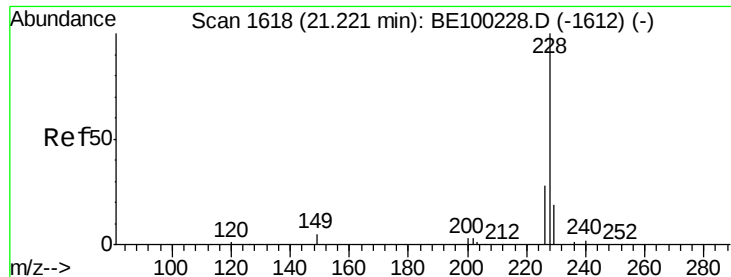
Abundance

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: 2.145 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.06 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW155-061319DL

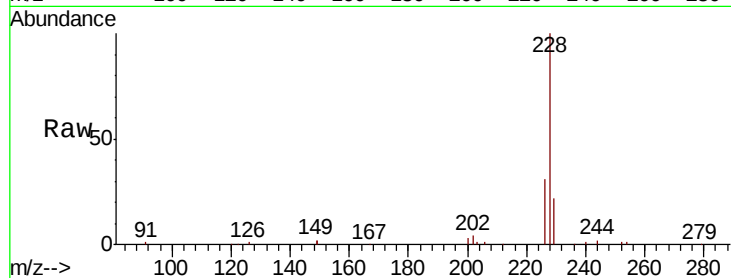
Tgt Ion:228 Resp: 70202

Ion Ratio Lower Upper

228 100

226 31.0 23.2 34.8

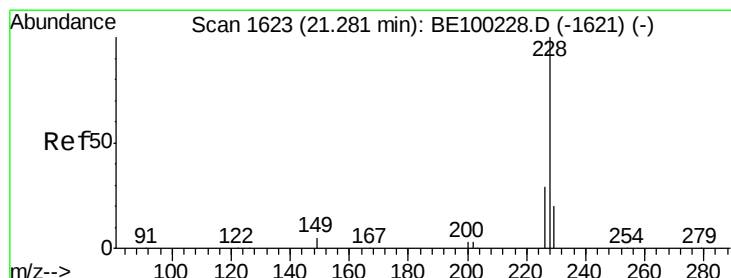
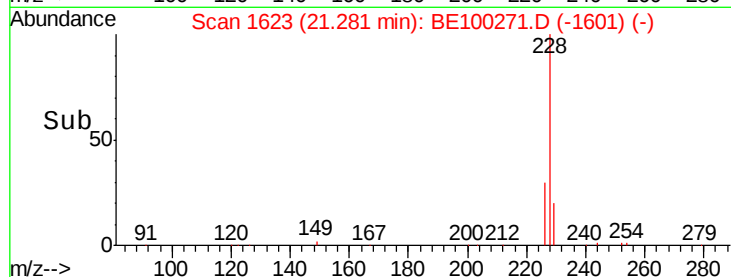
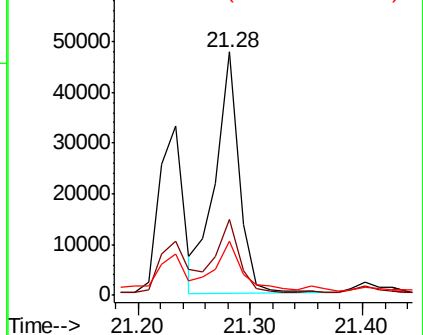
229 22.3 15.7 23.5



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



#31

Chrysene

Concen: 2.125 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

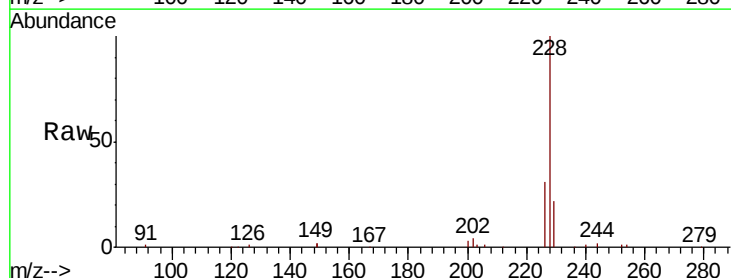
Tgt Ion:228 Resp: 69822

Ion Ratio Lower Upper

228 100

226 31.0 23.9 35.9

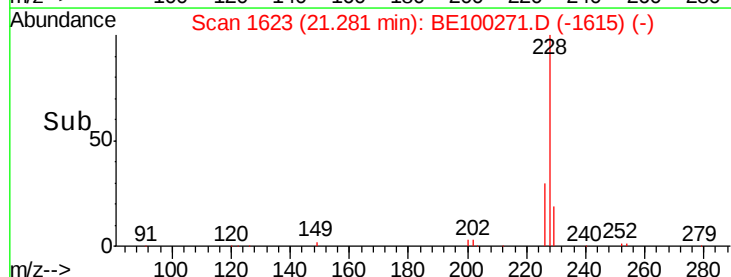
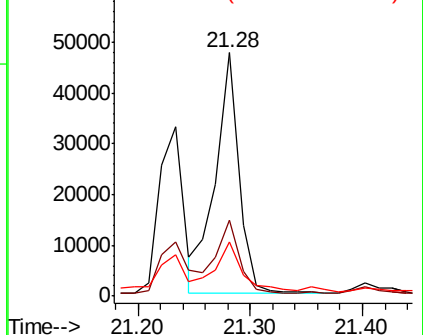
229 22.3 16.5 24.7

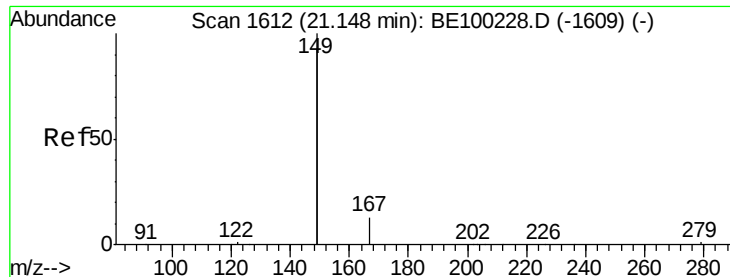


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

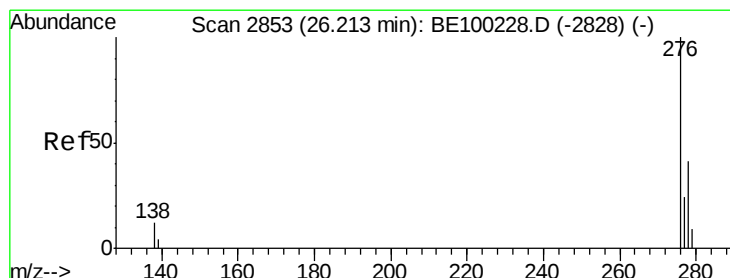
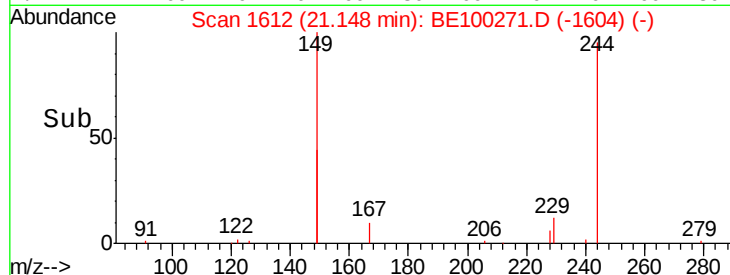
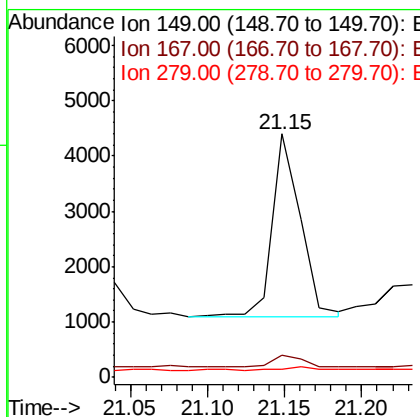
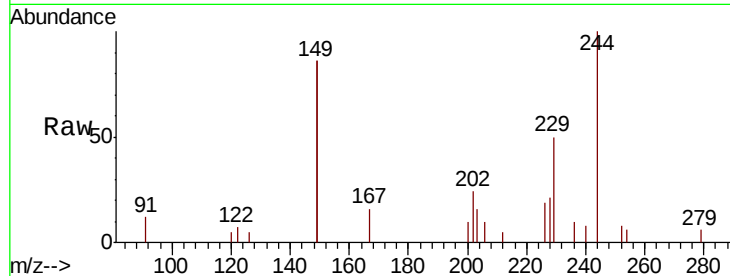




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.035 ng
 RT: 21.15 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

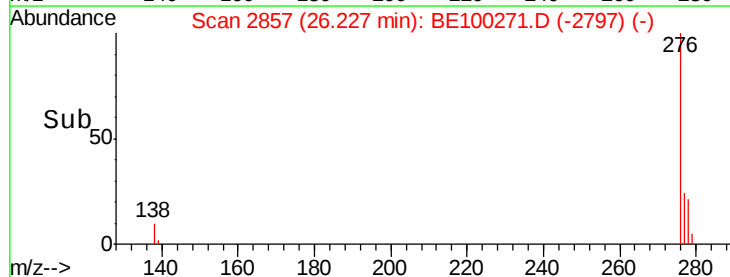
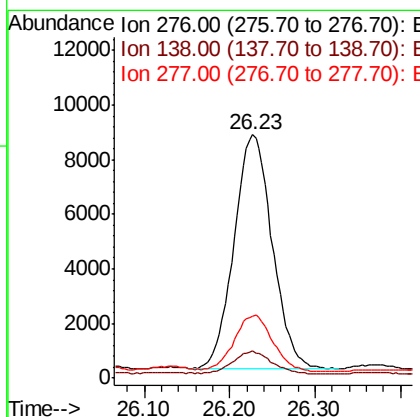
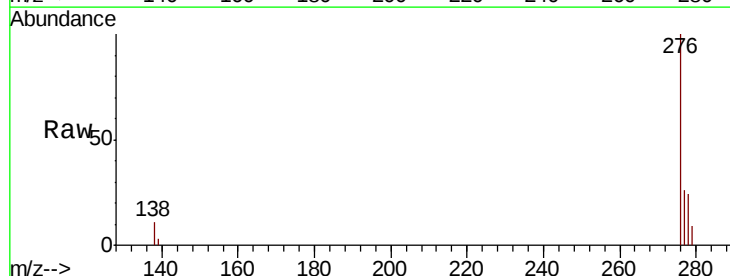
Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW155-061319DL

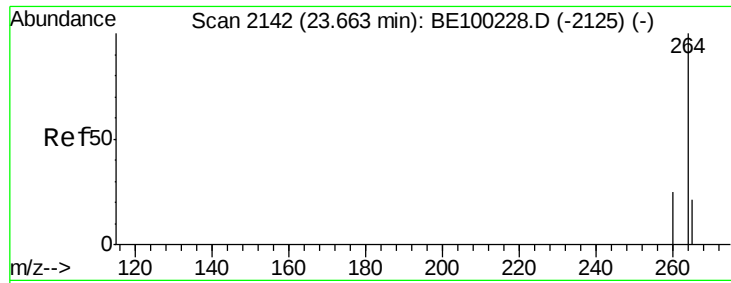
Tgt Ion:149 Resp: 4262
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.8 8.8
 279 2.1 1.1 1.7#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.616 ng
 RT: 26.23 min Scan# 2857
 Delta R.T. 0.01 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

Tgt Ion:276 Resp: 26754
 Ion Ratio Lower Upper
 276 100
 138 9.7 9.4 14.0
 277 24.8 19.2 28.8

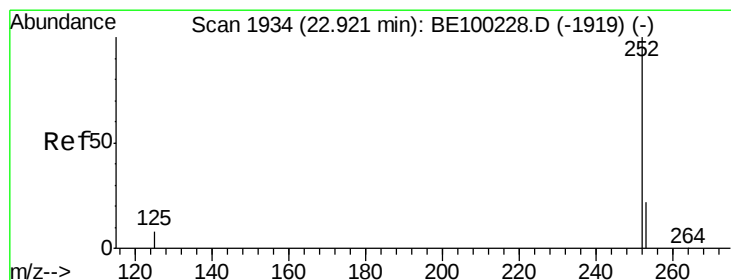
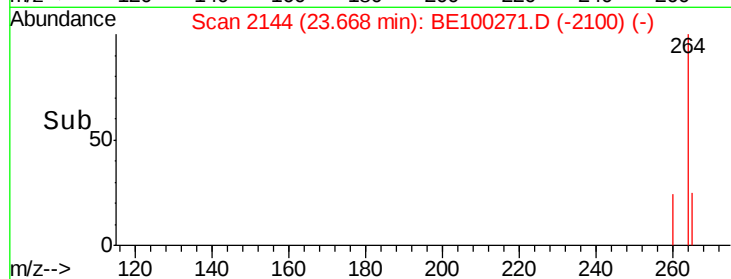
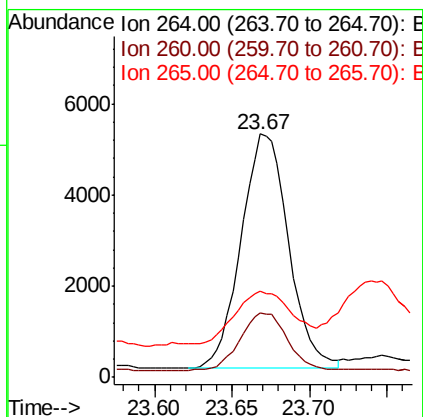
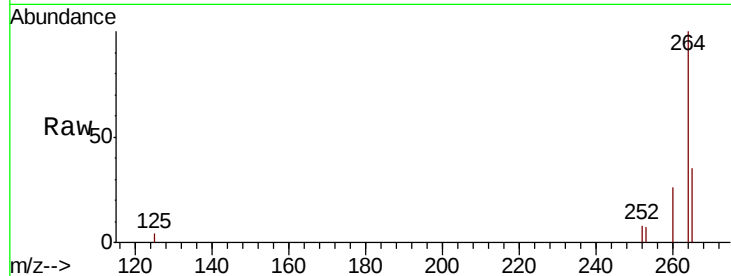




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

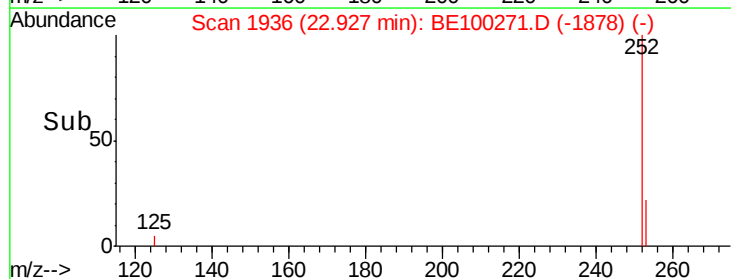
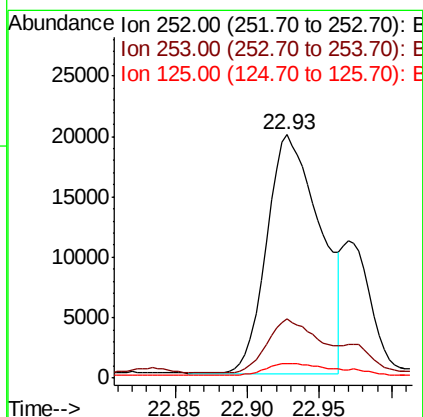
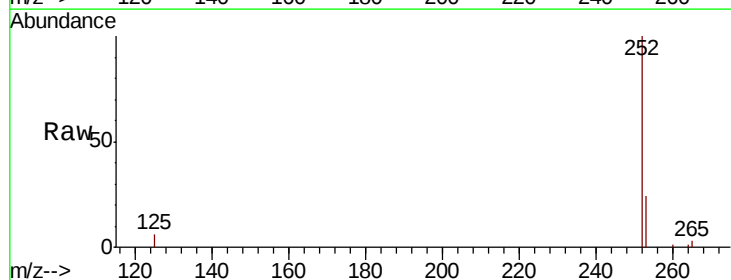
Instrument :
 BNA_M
 ClientSampleId :
 EXT-084-SW155-061319DL

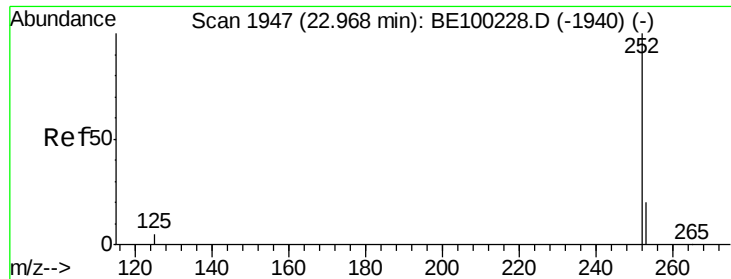
Tgt Ion: 264 Resp: 10890
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.8 31.2
 265 35.4 21.8 32.6#



#35
 Benzo(b)fluoranthene
 Concen: 1.724 ng
 RT: 22.93 min Scan# 1936
 Delta R.T. 0.01 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

Tgt Ion: 252 Resp: 50908
 Ion Ratio Lower Upper
 252 100
 253 24.1 19.2 28.8
 125 6.2 7.4 11.0#

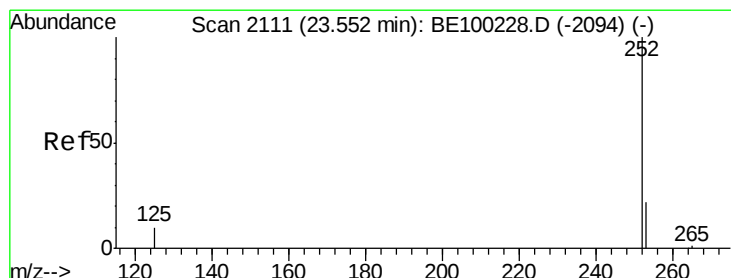
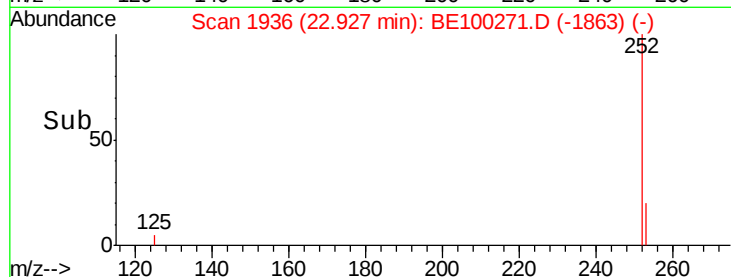
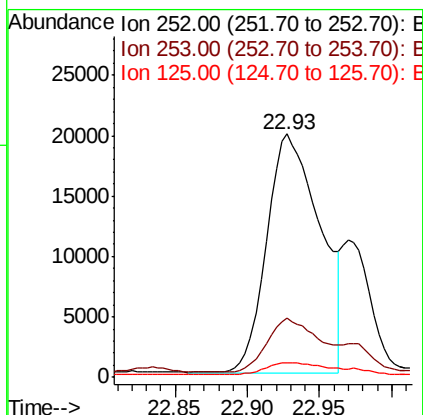
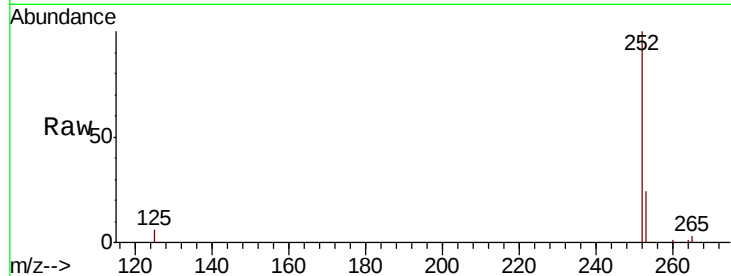




#36
Benzo(k)fluoranthene
Concen: 1.545 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

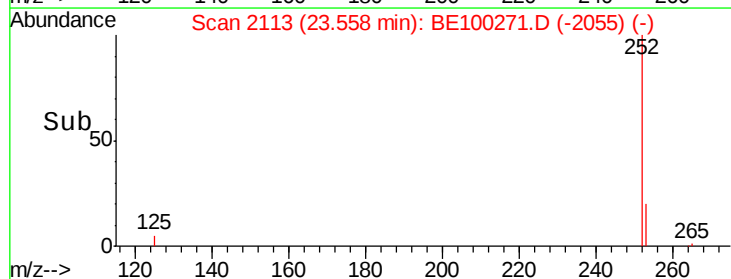
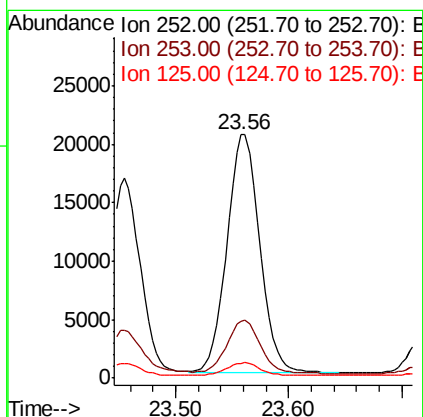
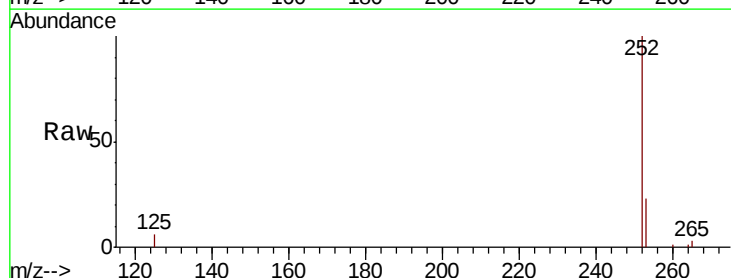
Instrument :
BNA_M
ClientSampleId :
EXT-084-SW155-061319DL

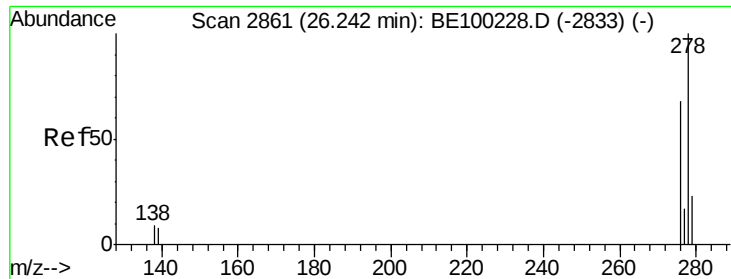
Tgt Ion: 252 Resp: 50908
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 6.2 5.0 7.4



#37
Benzo(a)pyrene
Concen: 1.388 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

Tgt Ion: 252 Resp: 41059
Ion Ratio Lower Upper
252 100
253 23.4 19.6 29.4
125 6.2 9.0 13.6#





#38

Dibenzo(a,h)anthracene

Concen: 0.262 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Instrument :

BNA_M

ClientSampleId :

EXT-084-SW155-061319DL

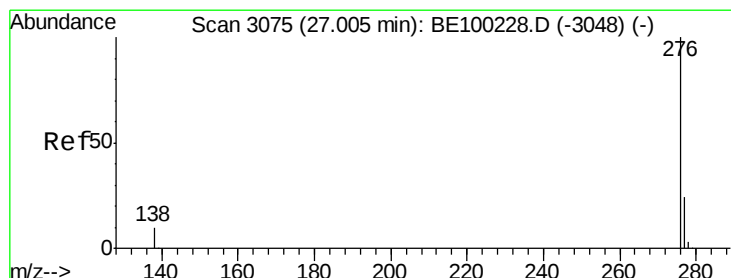
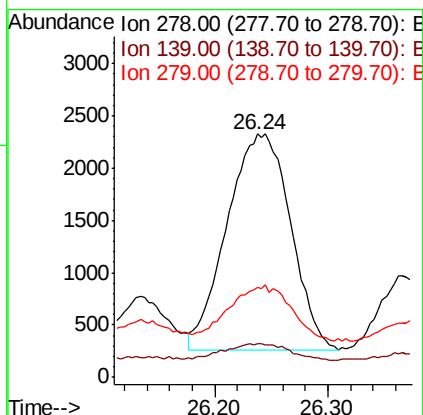
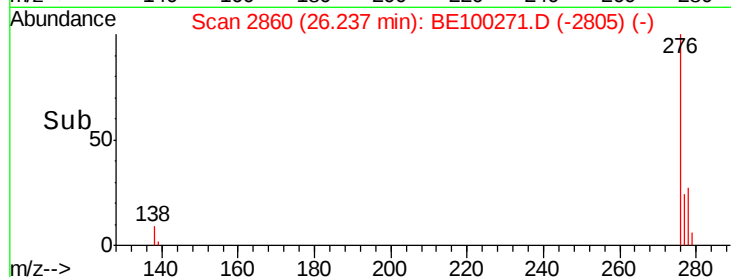
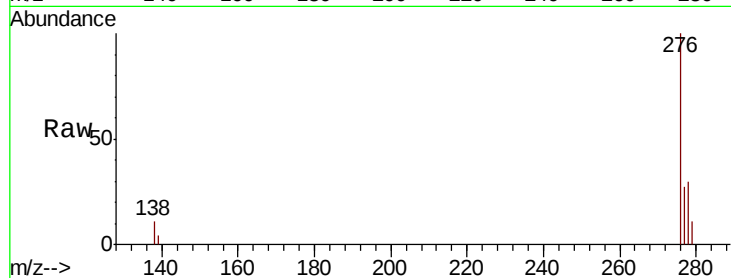
Tgt Ion:278 Resp: 8082

Ion Ratio Lower Upper

278 100

139 13.8 8.2 12.2#

279 36.9 20.3 30.5#



#39

Benzo(g,h,i)perylene

Concen: 0.981 ng

RT: 27.02 min Scan# 3079

Delta R.T. 0.01 min

Lab File: BE100271.D

Acq: 1 Jul 2019 18:31

Tgt Ion:276 Resp: 31151

Ion Ratio Lower Upper

276 100

277 25.7 20.2 30.2

138 10.7 9.0 13.6

