

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_E
 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

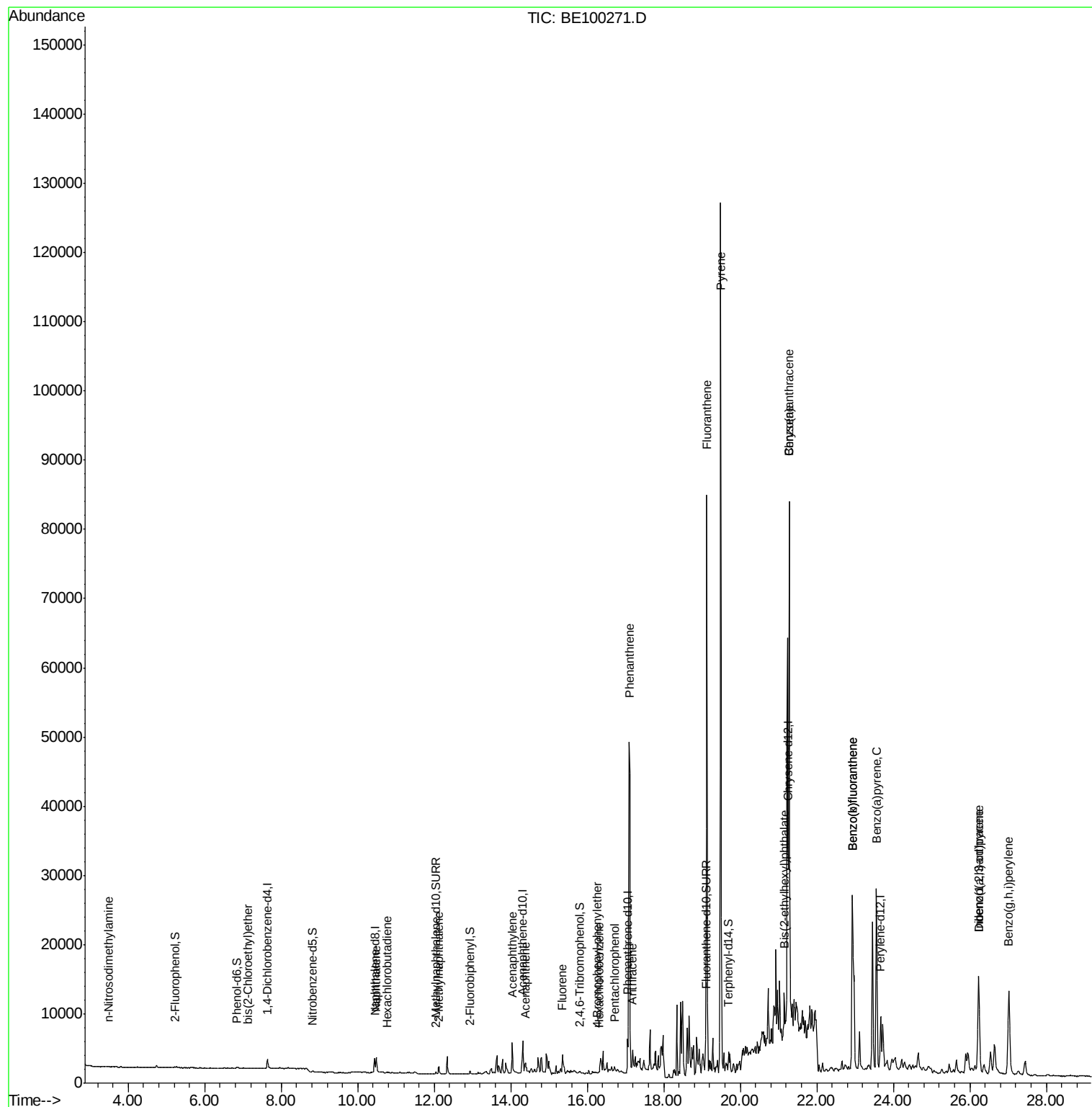
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.50	42	10	0.016	ng	# 1
6) bis(2-Chloroethyl)ether	7.12	93	3	0.001	ng	# 1
9) Naphthalene	10.48	128	4141	0.114	ng	# 97
10) Hexachlorobutadiene	10.76	225	2	0.001	ng	# 1
12) 2-Methylnaphthalene	12.12	142	998	0.156	ng	99
16) Acenaphthylene	14.04	152	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

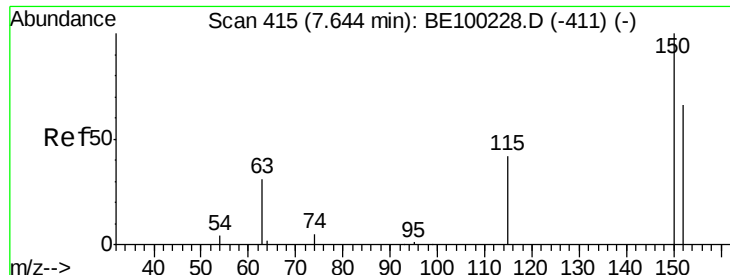
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

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ClientSampleId :

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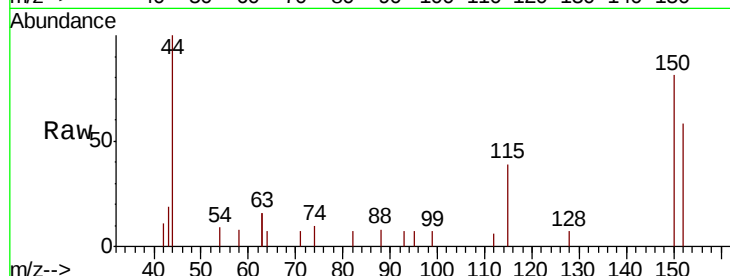
Tgt Ion: 152 Resp: 876

Ion Ratio Lower Upper

152 100

150 141.1 114.5 171.7

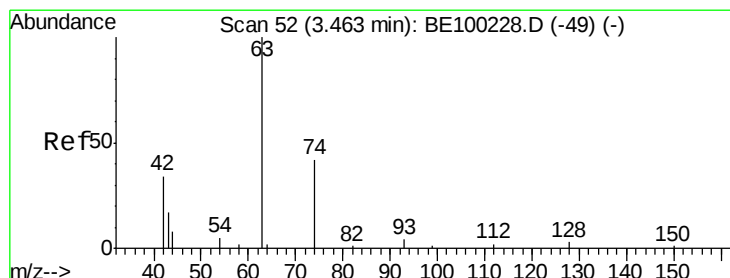
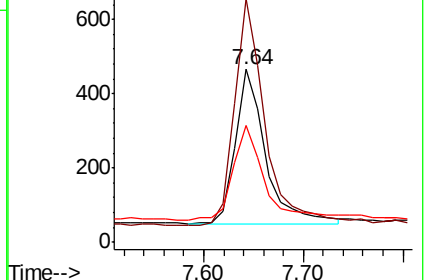
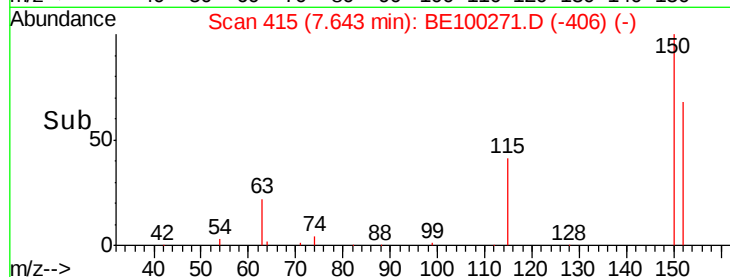
115 67.5 57.1 85.7



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

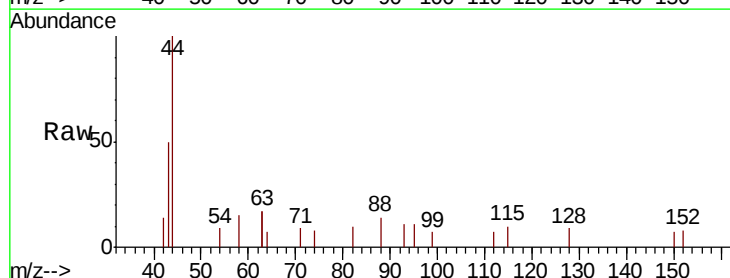
Tgt Ion: 42 Resp: 10

Ion Ratio Lower Upper

42 100

74 60.0 130.6 196.0#

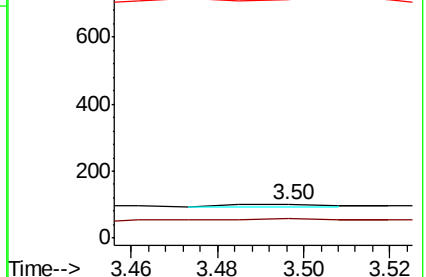
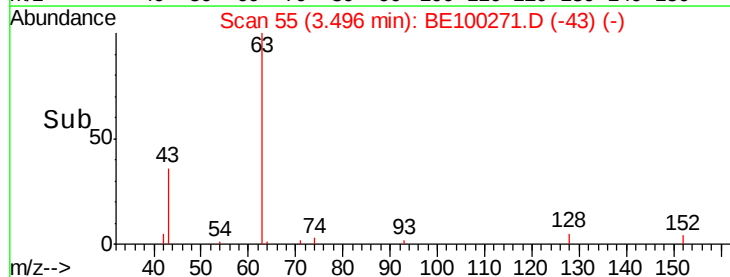
44 670.0 38.0 57.0#



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 :

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ClientSampleId :

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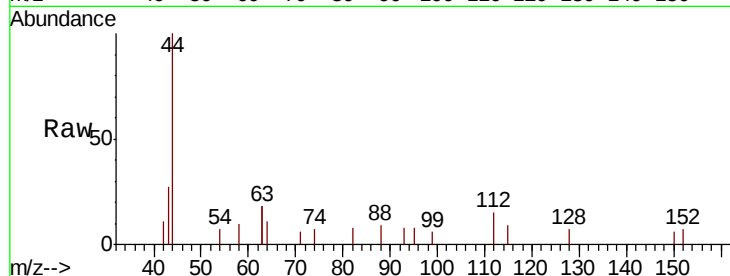
Tgt Ion: 112 Resp: 165

Ion Ratio Lower Upper

112 100

64 63.6 39.4 59.0#

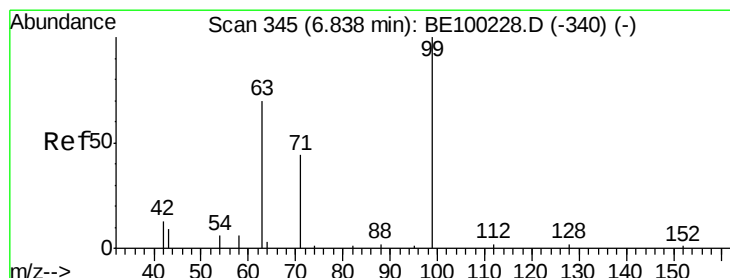
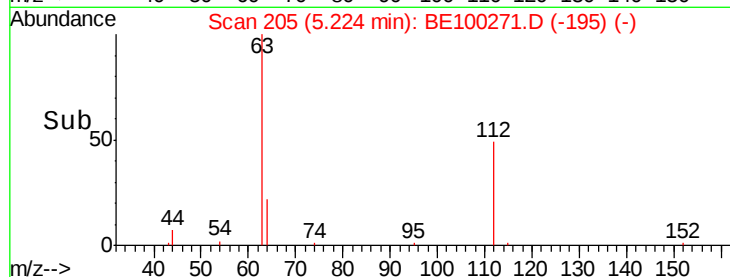
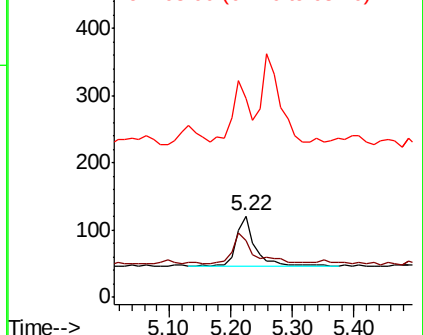
63 102.4 104.5 156.7#



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

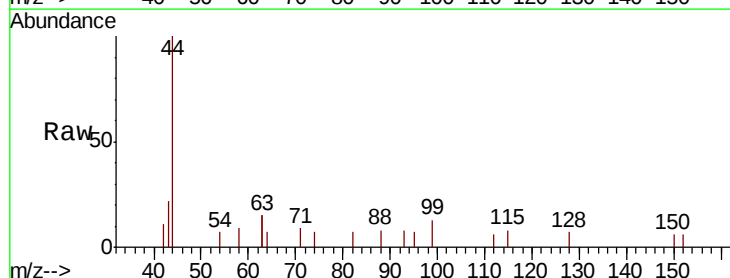
Tgt Ion: 99 Resp: 188

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

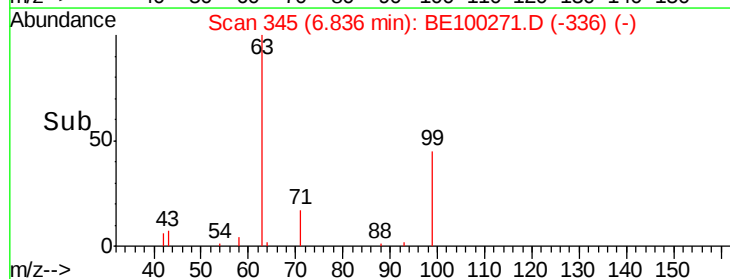
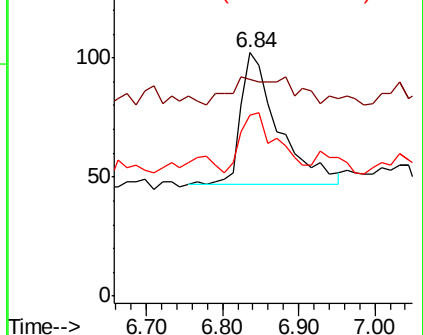
71 42.6 37.2 55.8

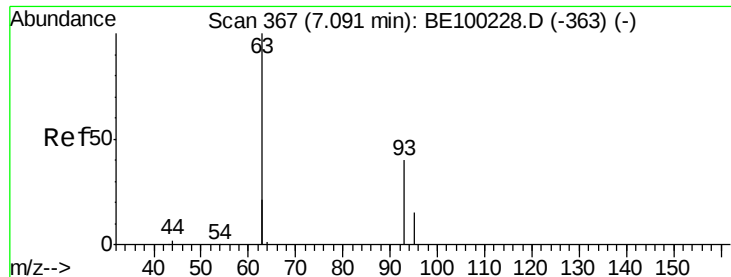


Abundance Ion 99.00 (98.70 to 99.70): BE1

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 :

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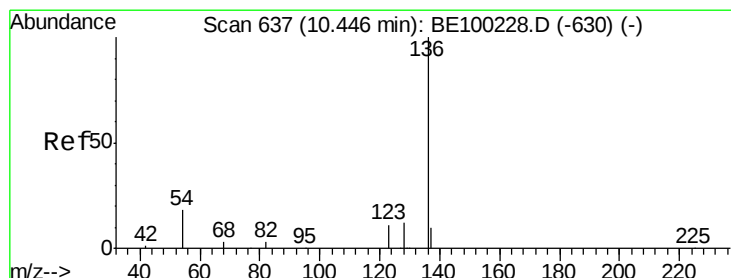
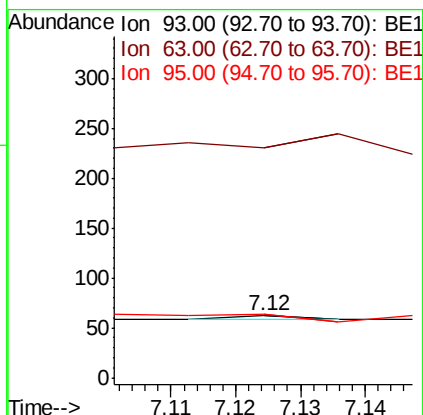
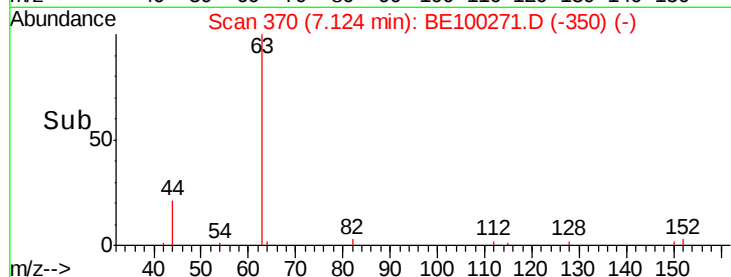
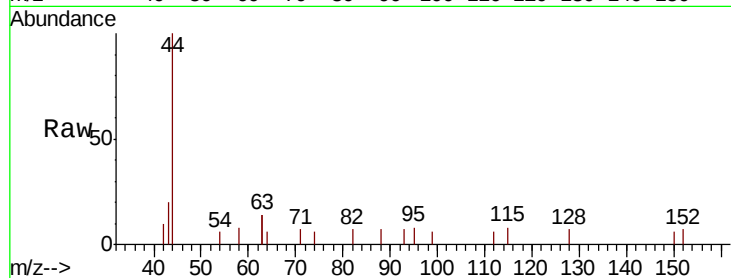
Tgt Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 1333.3 155.6 233.4#

95 0.0 23.0 34.4#



#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

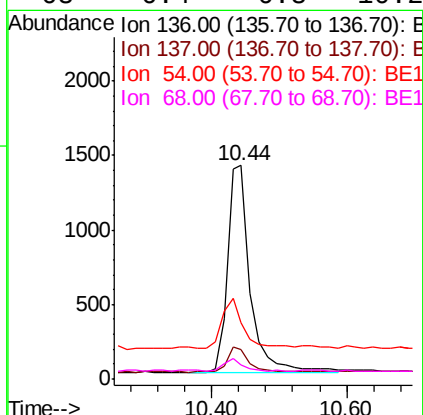
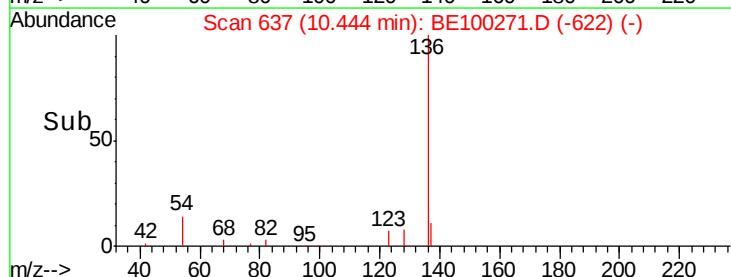
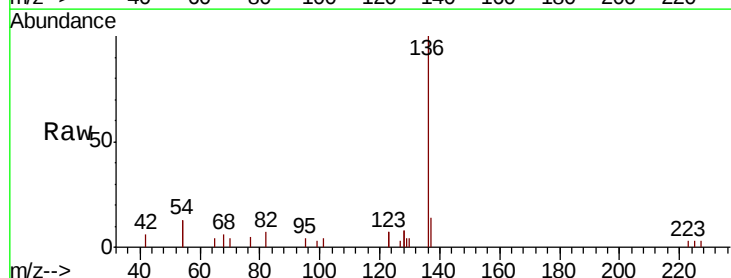
Ion Ratio Lower Upper

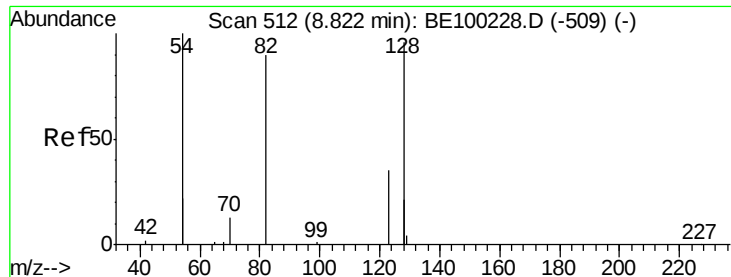
136 100

137 13.8 11.8 17.8

54 26.2 27.7 41.5#

68 6.4 6.8 10.2#





#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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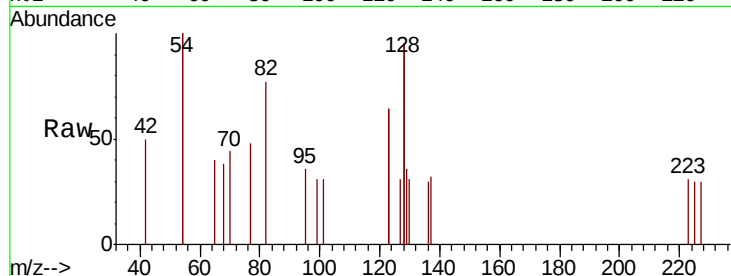
Tgt Ion: 82 Resp: 196

Ion Ratio Lower Upper

82 100

128 247.5 140.9 211.3#

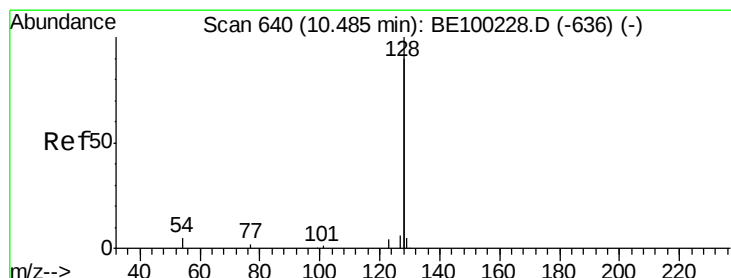
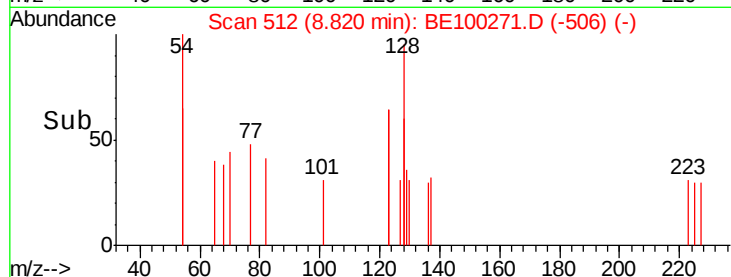
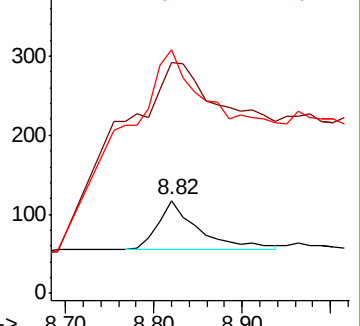
54 261.0 146.2 219.2#



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

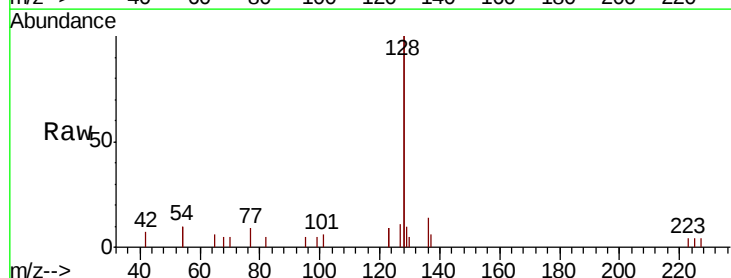
Tgt Ion: 128 Resp: 4141

Ion Ratio Lower Upper

128 100

129 4.8 3.0 4.6#

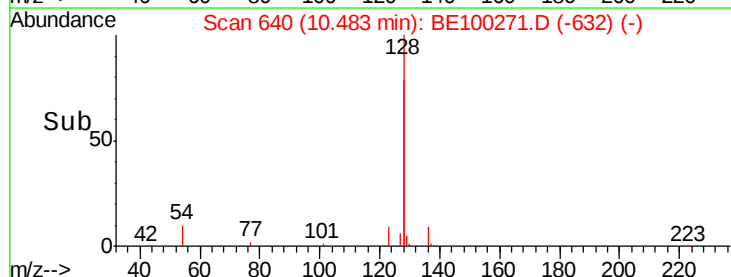
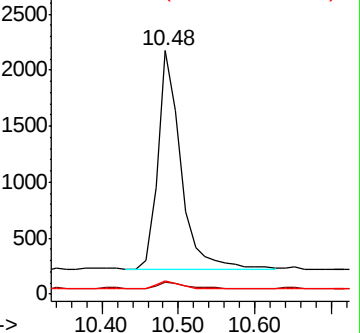
127 5.4 3.5 5.3#

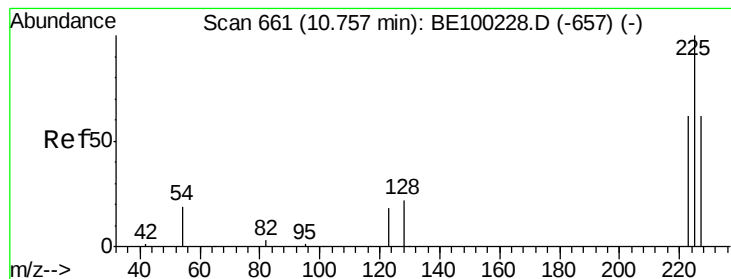


Abundance Ion 128.00 (127.70 to 128.70): E

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

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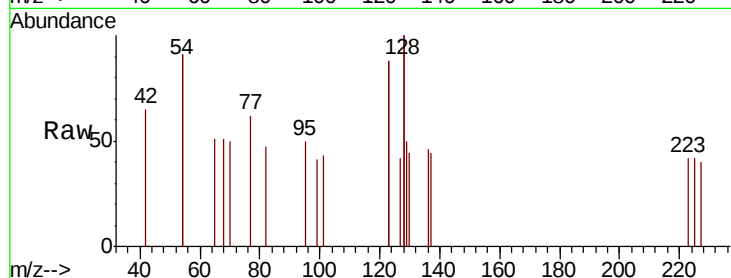
Tgt Ion: 225 Resp: 2

Ion Ratio Lower Upper

225 100

223 200.0 49.1 73.7#

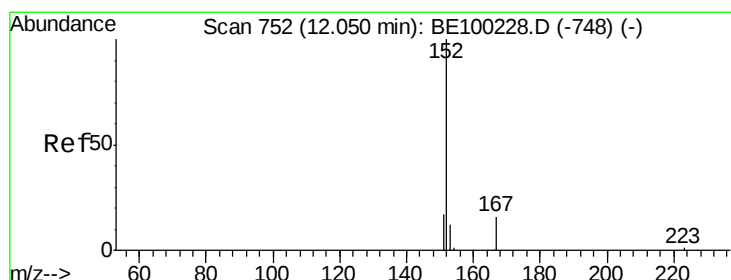
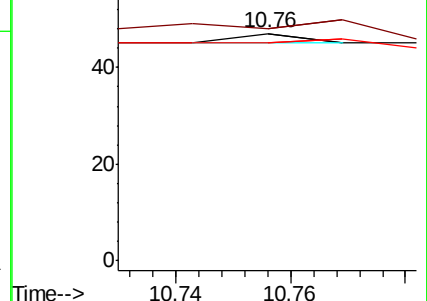
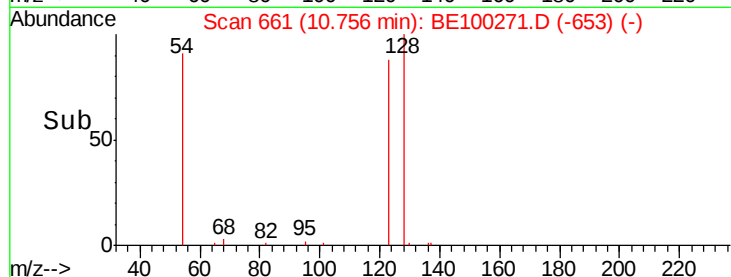
227 250.0 49.3 73.9#



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

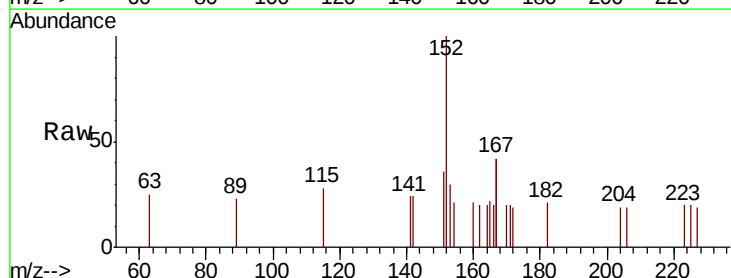
Acq: 1 Jul 2019 18:31

Tgt Ion: 152 Resp: 437

Ion Ratio Lower Upper

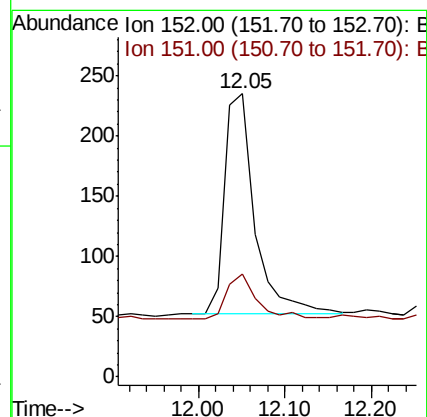
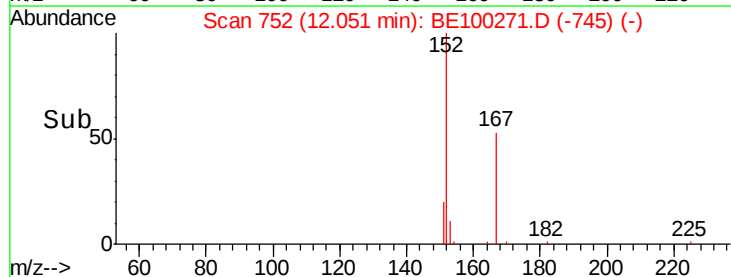
152 100

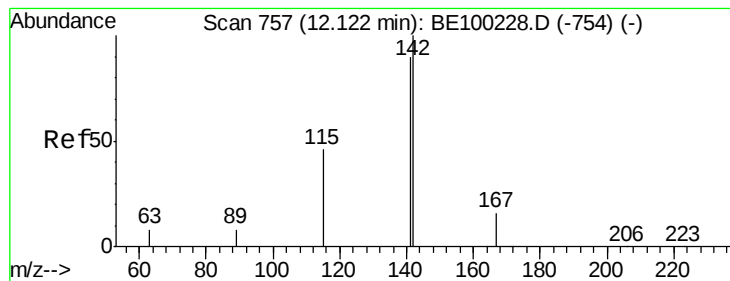
151 22.2 15.1 22.7



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

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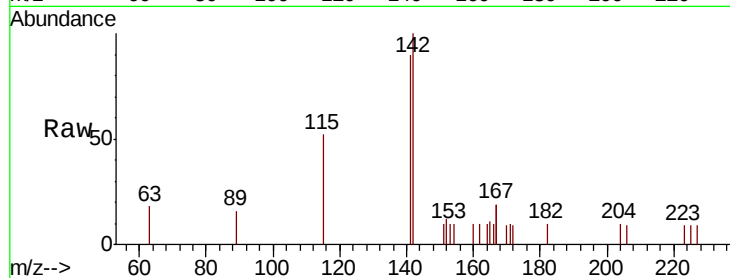
Tgt Ion:142 Resp: 998

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

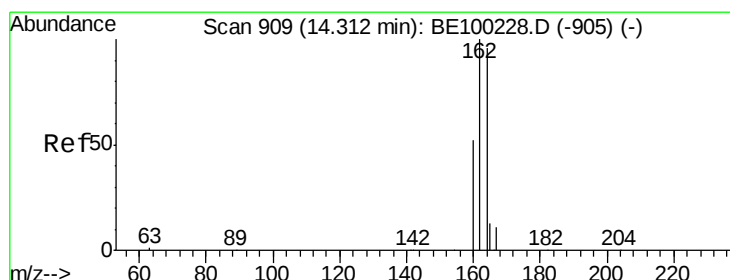
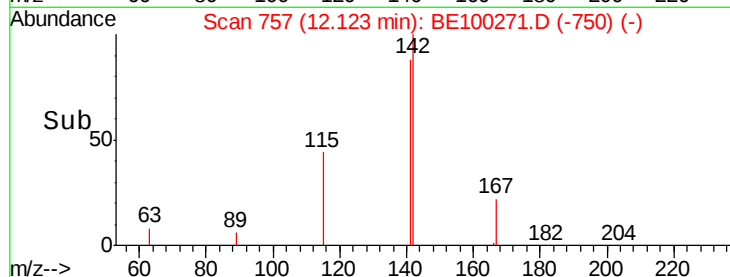
12.12

400

200

0

Time--> 12.00 12.10 12.20



#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

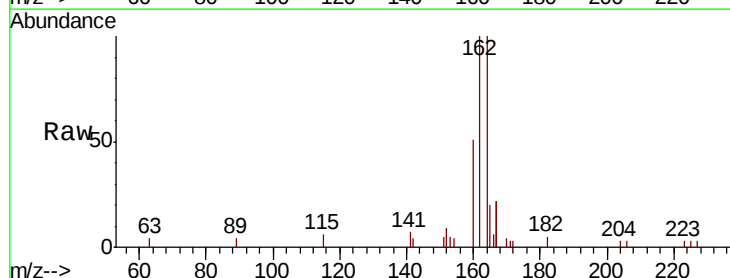
Tgt Ion:164 Resp: 2645

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

14.31

2000

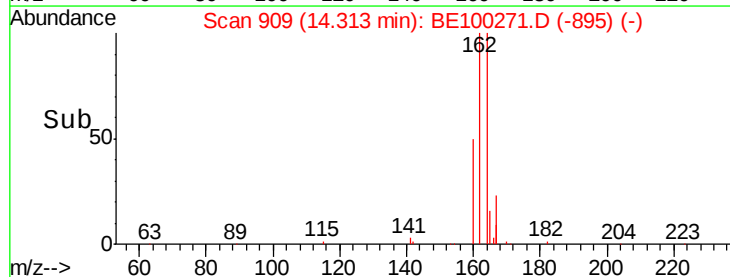
1500

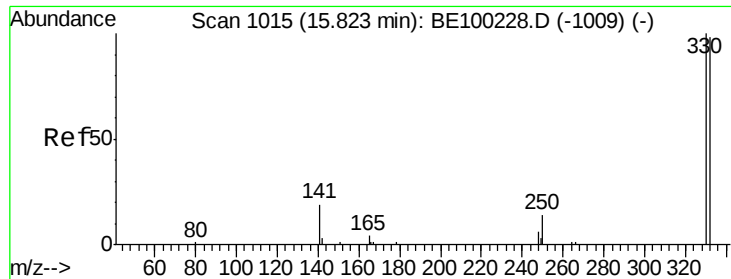
1000

500

0

Time--> 14.20 14.40

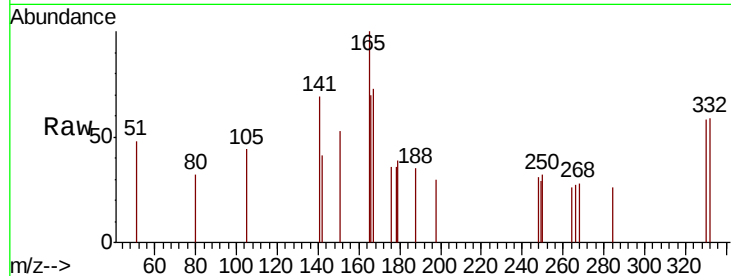




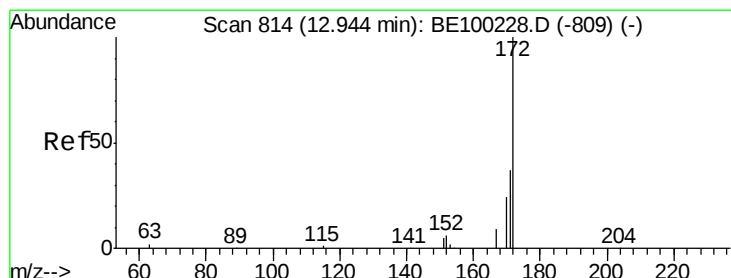
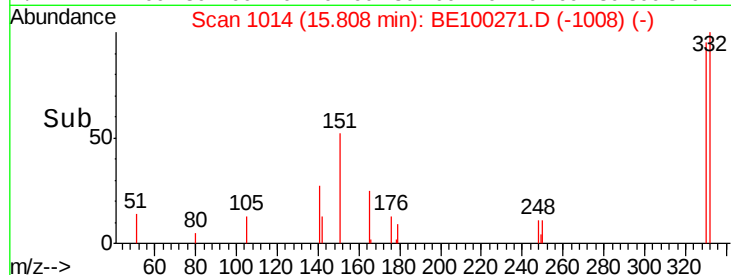
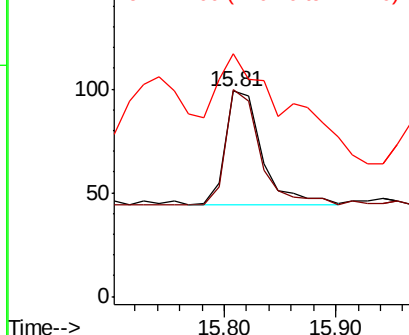
#14
 2,4,6-Tribromophenol
 Concen: 0.070 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

Instrument :
 BNA_E
 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#

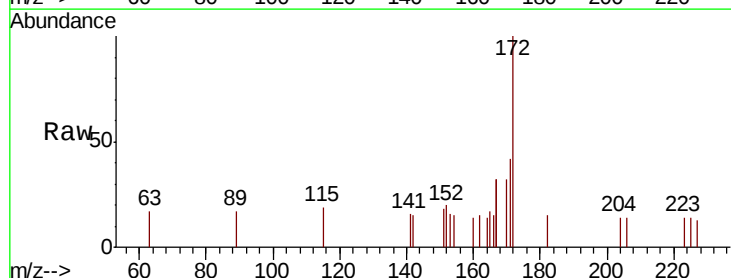


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

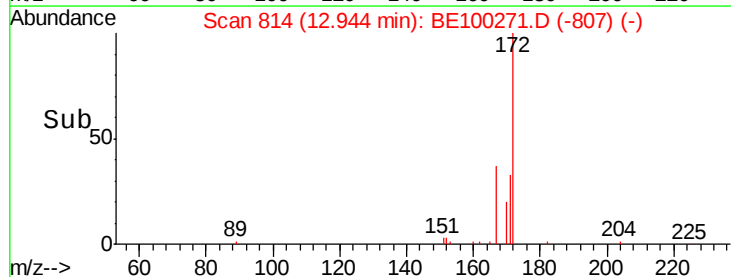
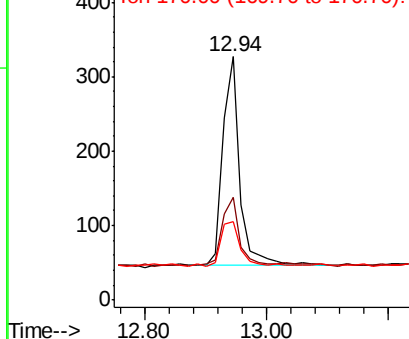


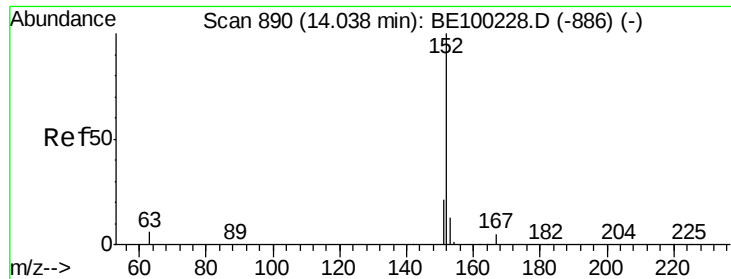
#15
 2-Fluorobiphenyl
 Concen: 0.054 ng
 RT: 12.94 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

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





#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_E

ClientSampleId :

EXT-084-SW155-061319DL

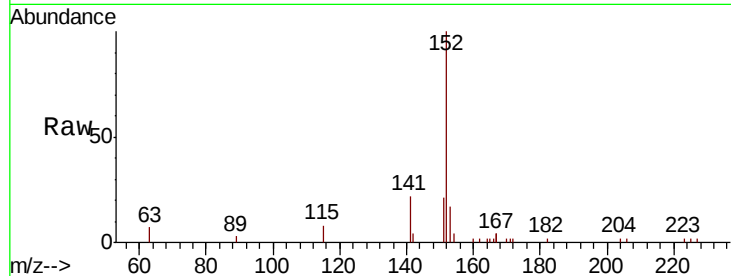
Tgt Ion:152 Resp: 5422

Ion Ratio Lower Upper

152 100

151 19.8 16.6 25.0

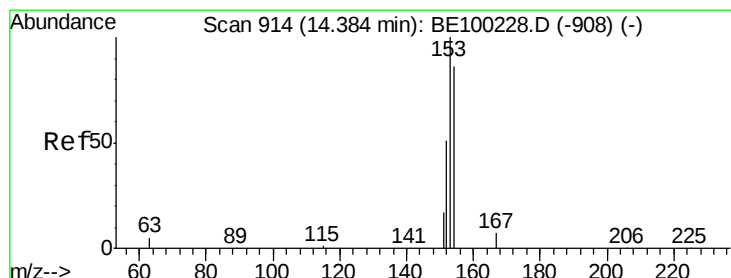
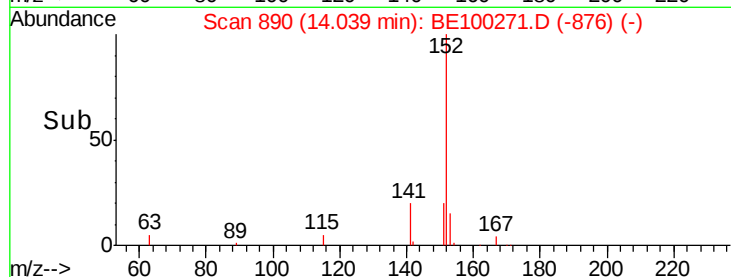
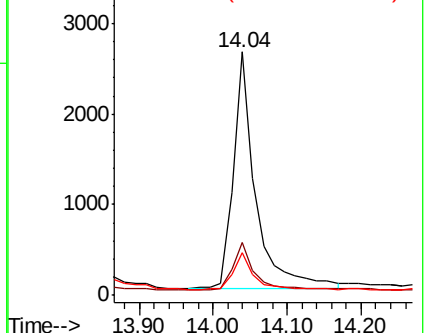
153 15.2 10.5 15.7



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

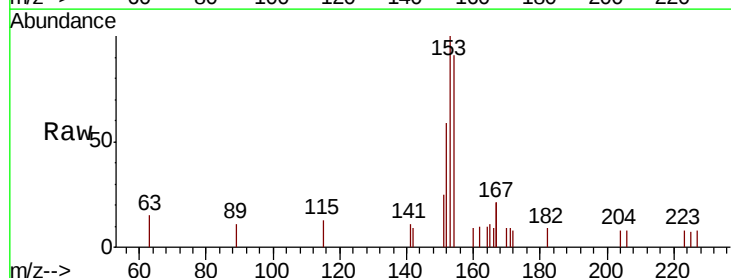
Tgt Ion:154 Resp: 848

Ion Ratio Lower Upper

154 100

153 120.9 93.4 140.2

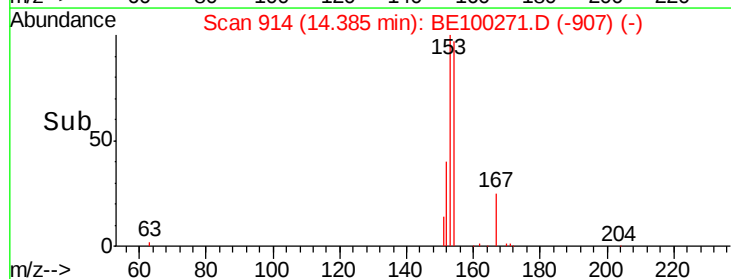
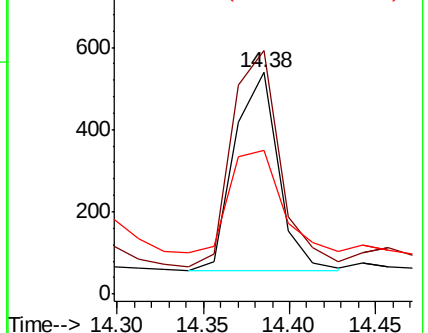
152 67.3 49.4 74.2

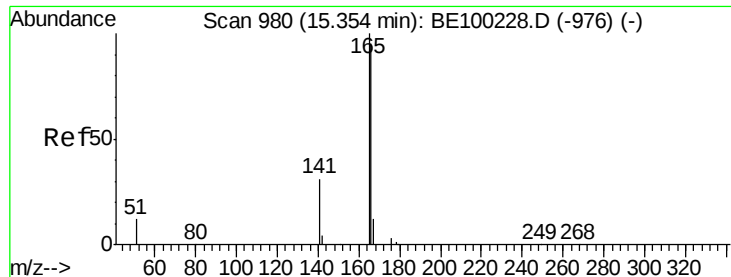


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

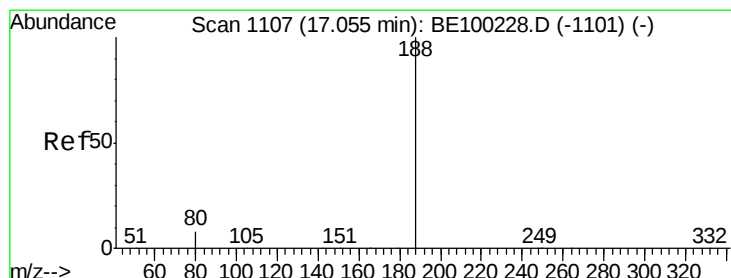
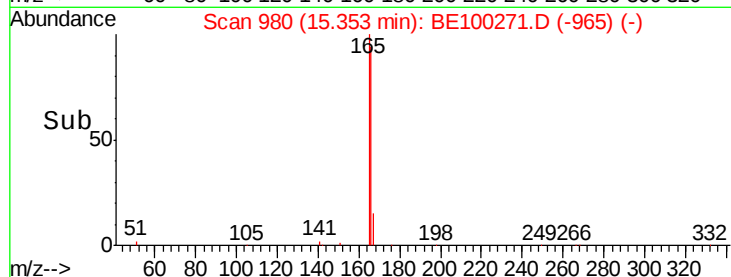
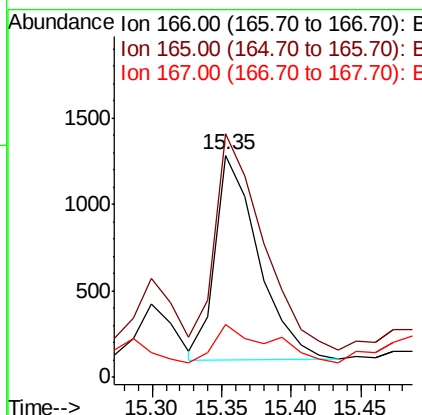
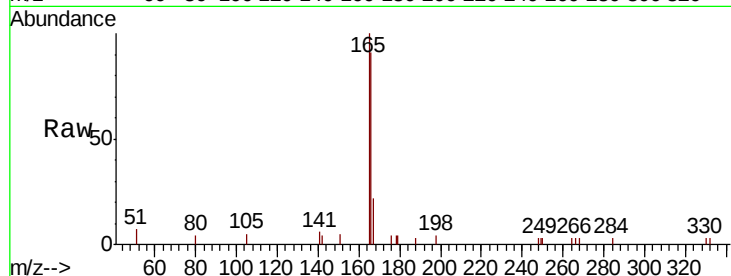




#18
 Fluorene
 Concen: 0.238 ng
 RT: 15.35 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

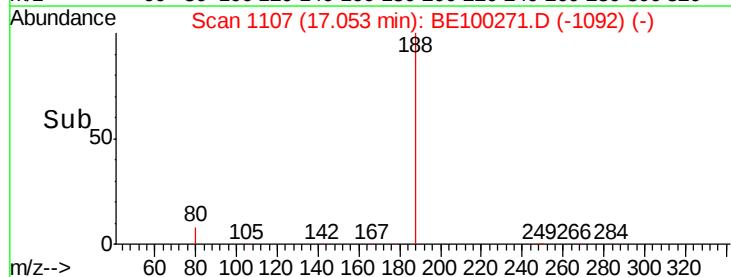
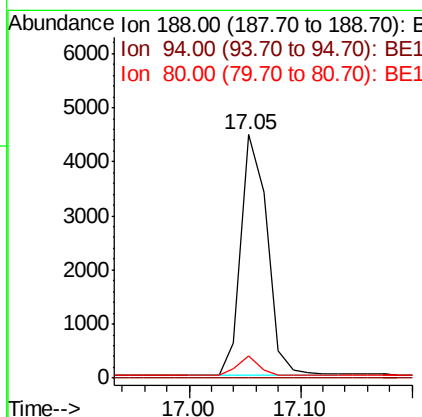
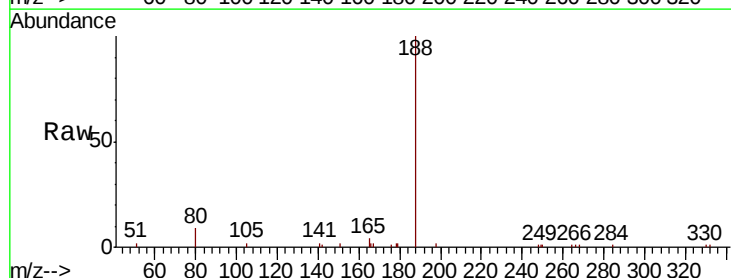
Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW155-061319DL

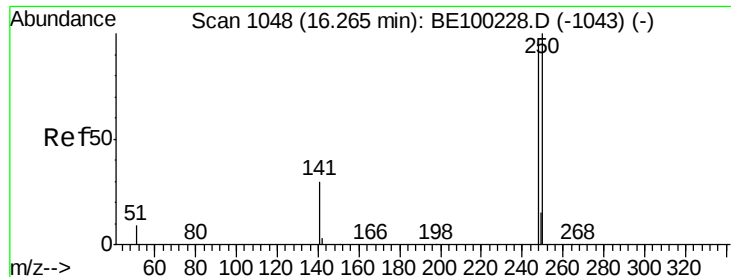
Tgt Ion:166 Resp: 2534
 Ion Ratio Lower Upper
 166 100
 165 116.7 81.1 121.7
 167 23.8 10.7 16.1#



#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

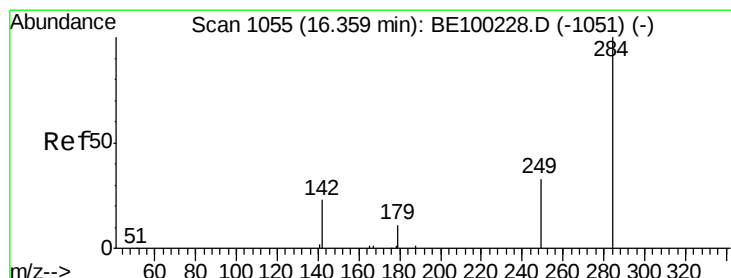
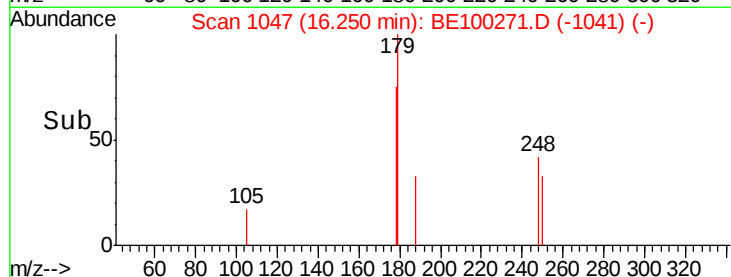
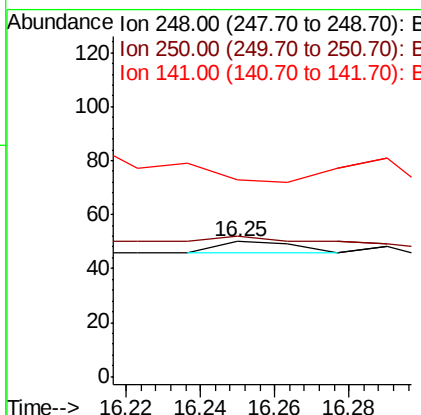
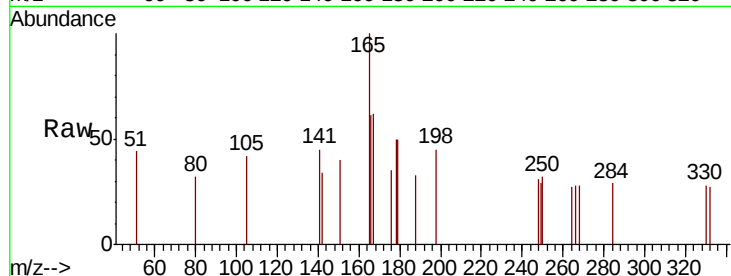




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

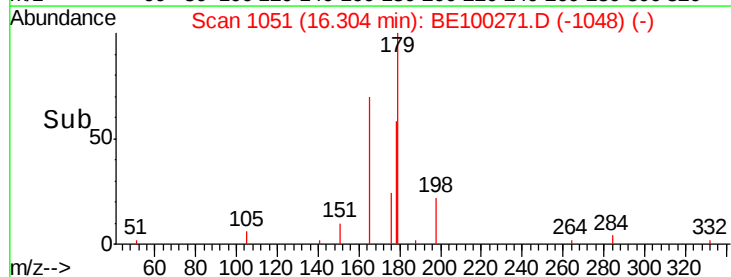
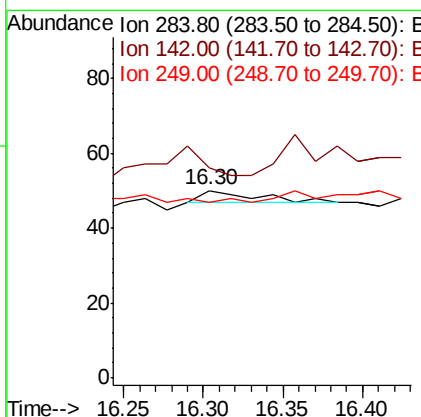
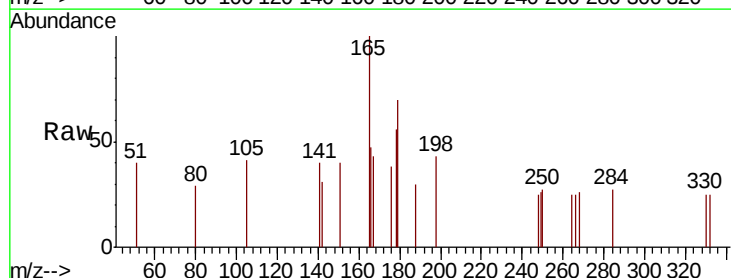
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319DL

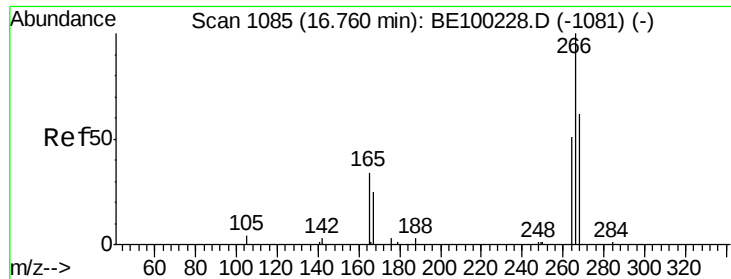
Tgt Ion:248 Resp: 6
Ion Ratio Lower Upper
248 100
250 104.0 84.2 126.4
141 146.0 29.3 43.9#



#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#

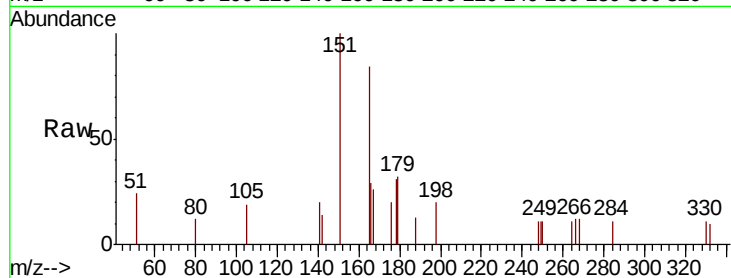




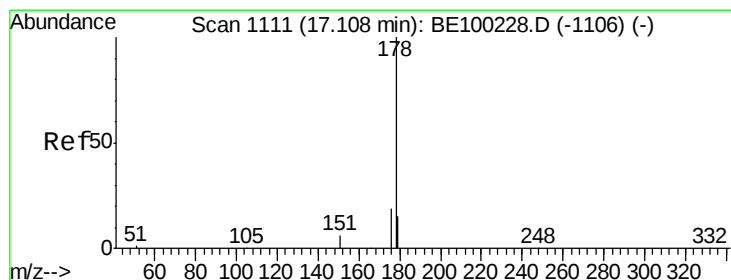
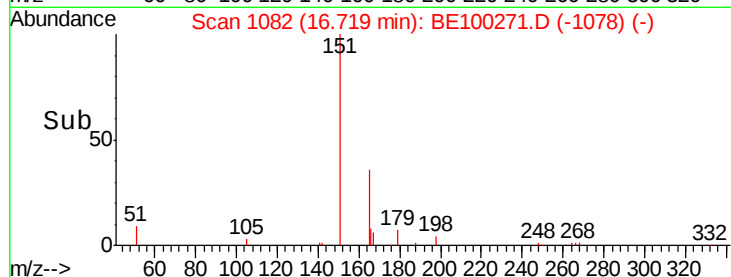
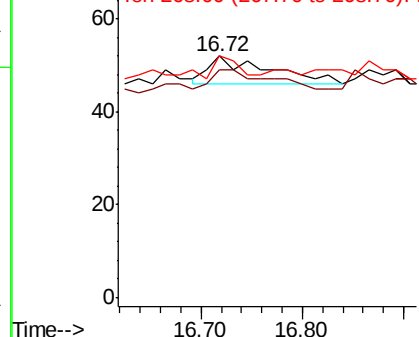
#22
 Pentachlorophenol
 Concen: 0.017 ng
 RT: 16.72 min Scan# 1082
 Delta R.T. -0.04 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

Instrument :
 BNA_E
 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#

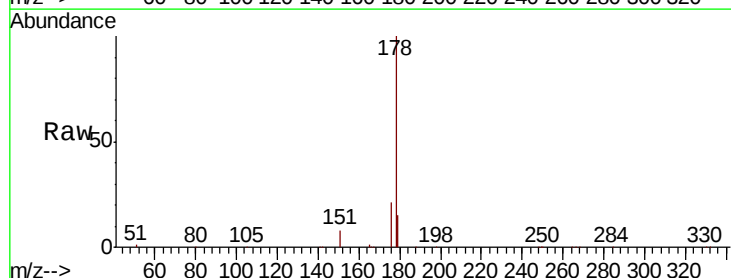


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

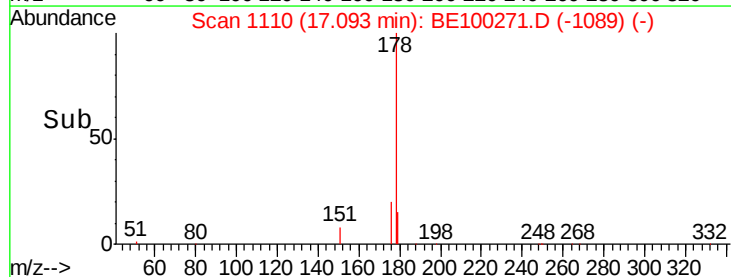
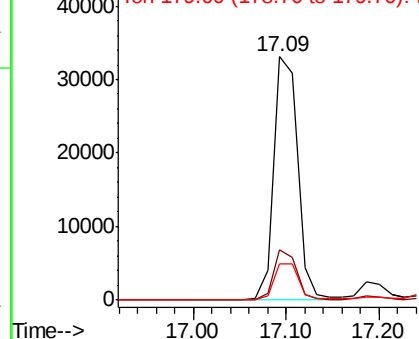


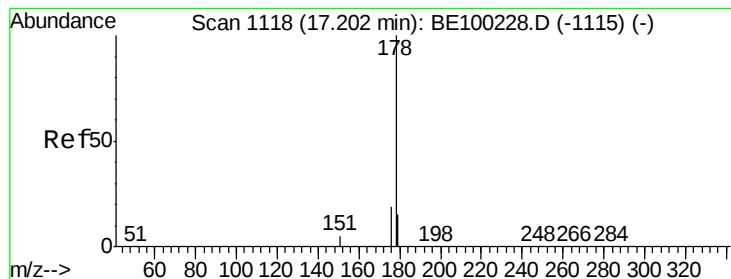
#23
 Phenanthrene
 Concen: 3.344 ng
 RT: 17.09 min Scan# 1110
 Delta R.T. -0.01 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

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_E

ClientSampleId :

EXT-084-SW155-061319DL

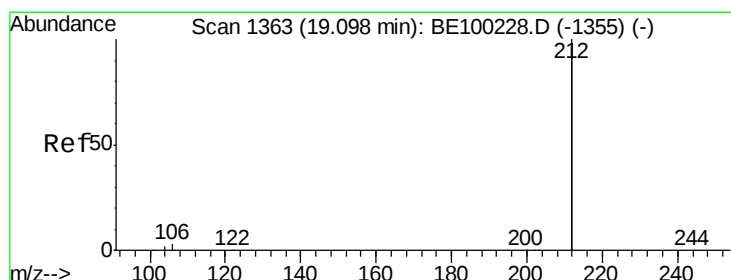
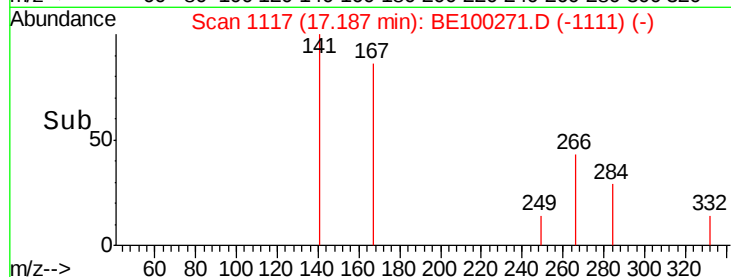
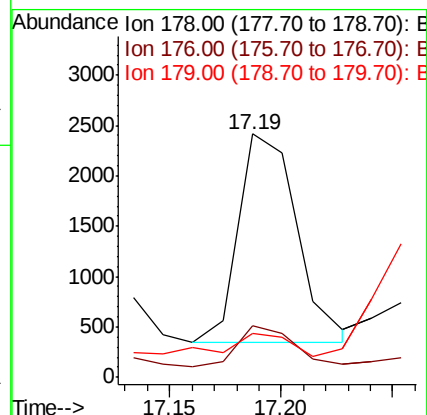
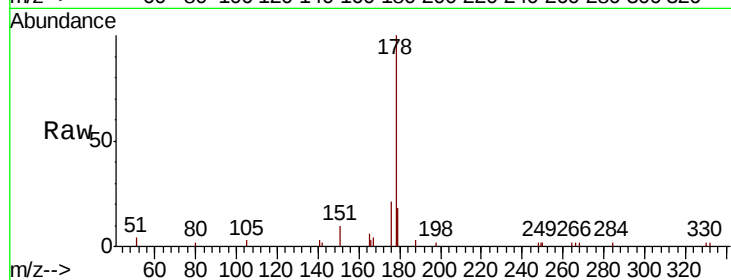
Tgt Ion:178 Resp: 3794

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 10.9 12.2 18.2#



#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

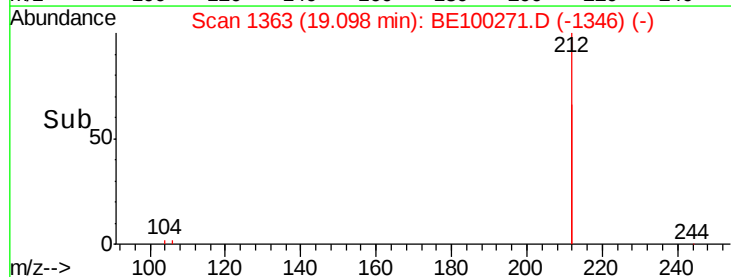
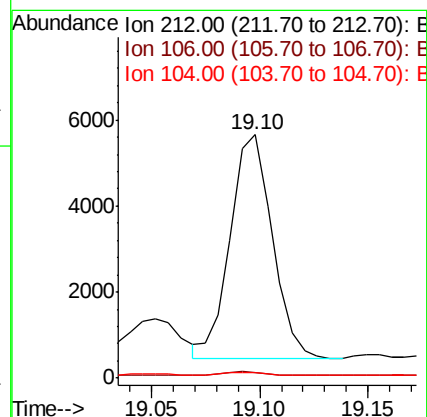
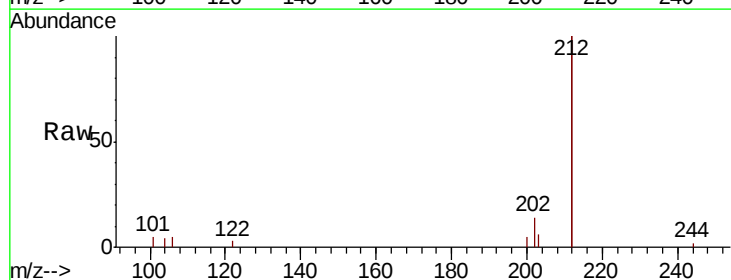
Tgt Ion:212 Resp: 7004

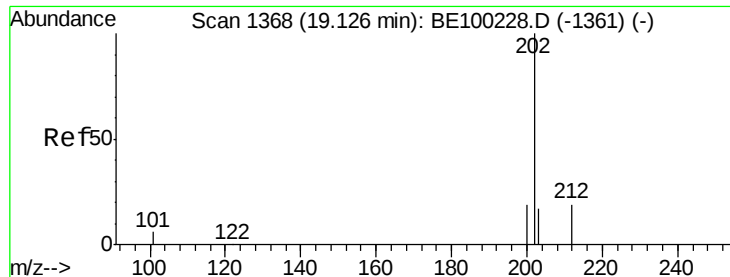
Ion Ratio Lower Upper

212 100

106 1.9 1.3 1.9

104 1.2 0.8 1.2

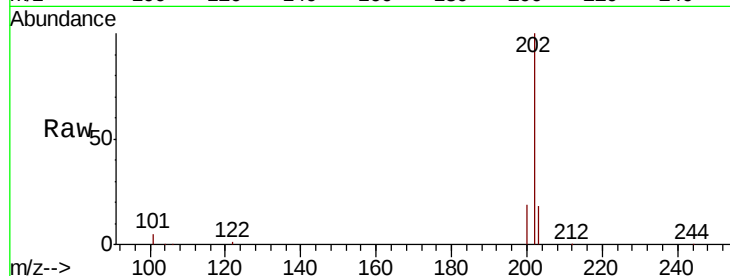




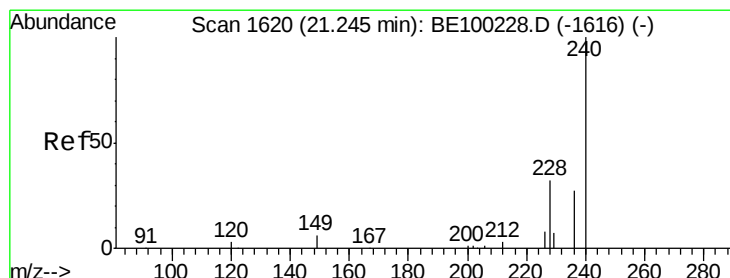
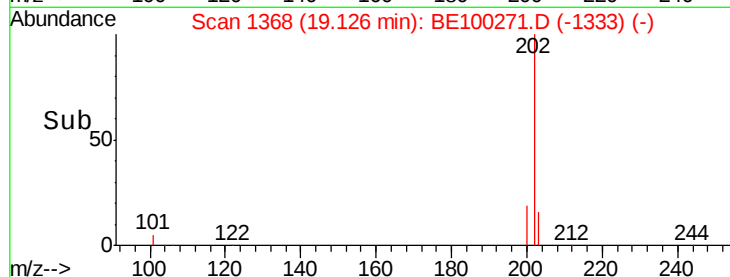
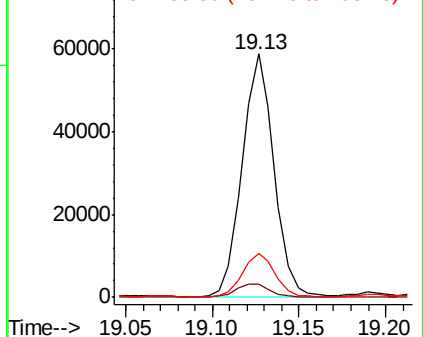
#26
Fluoranthene
Concen: 2.657 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

Instrument :
BNA_E
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

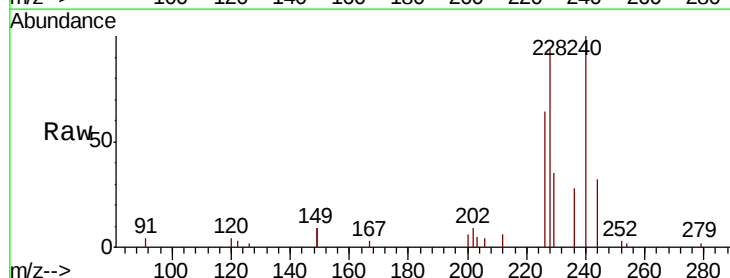


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

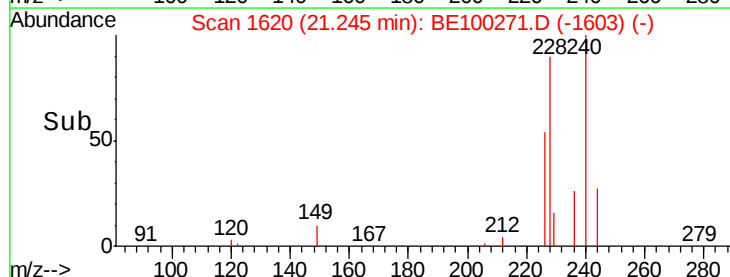
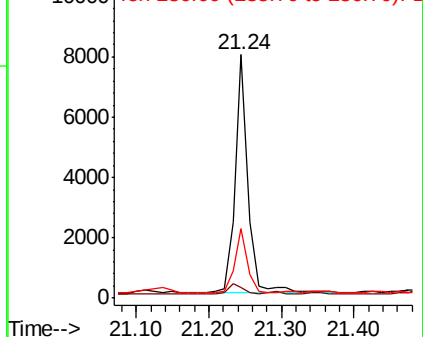


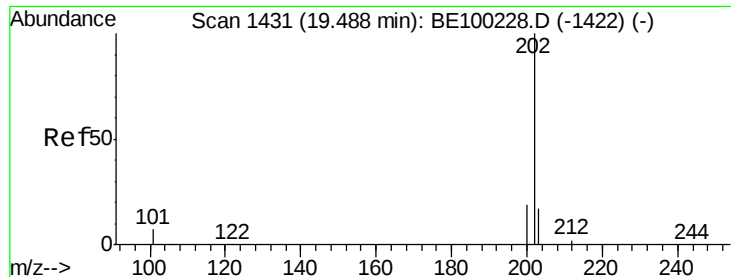
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

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

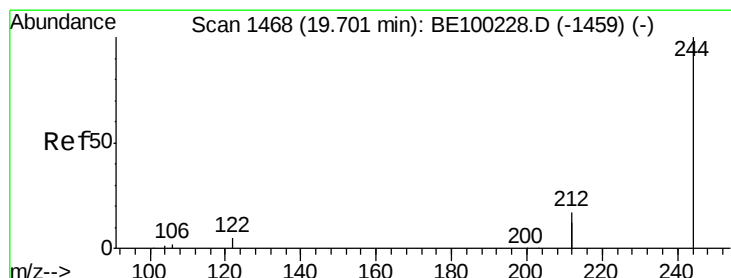
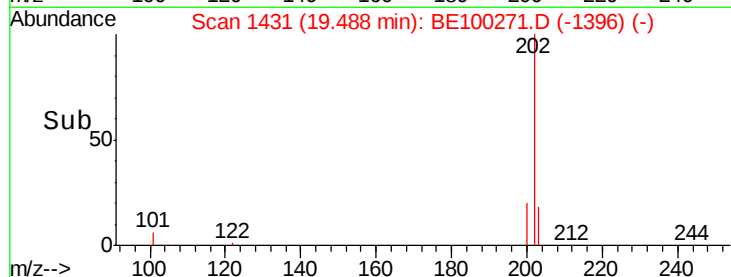
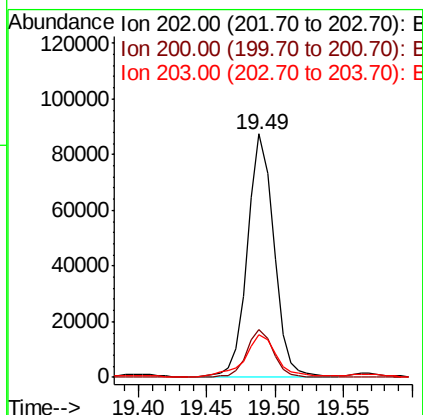
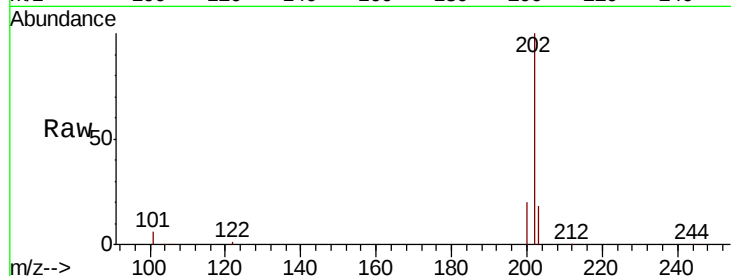




#28
Pyrene
Concen: 4.378 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

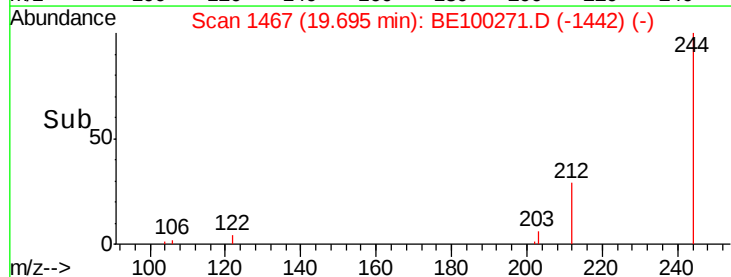
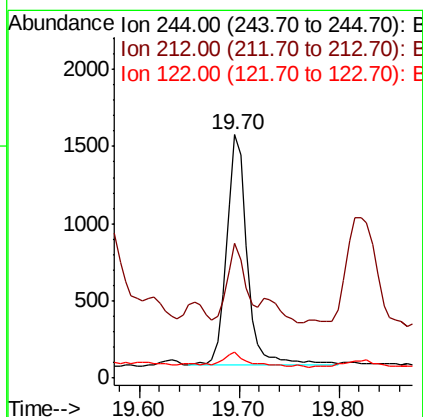
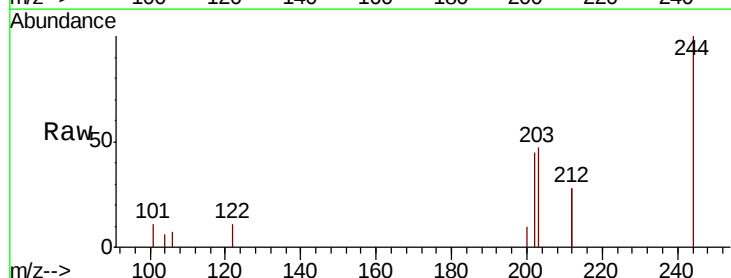
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319DL

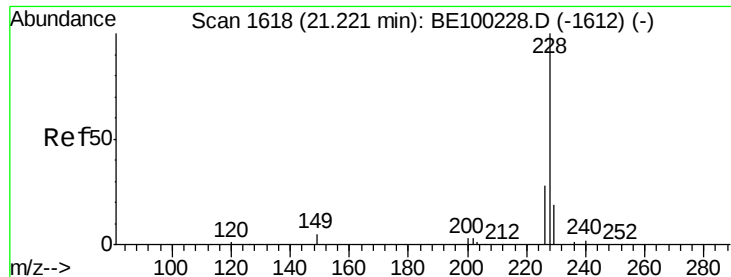
Tgt Ion: 202 Resp: 115356
Ion Ratio Lower Upper
202 100
200 19.7 15.6 23.4
203 20.7 14.0 21.0



#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#

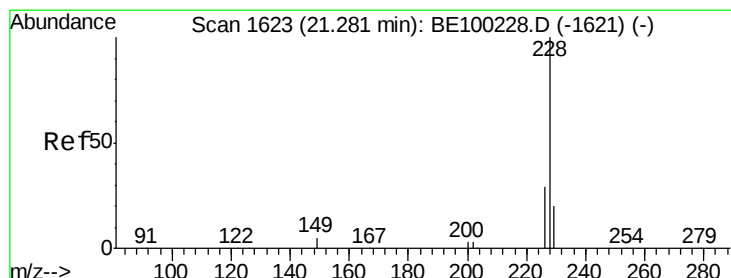
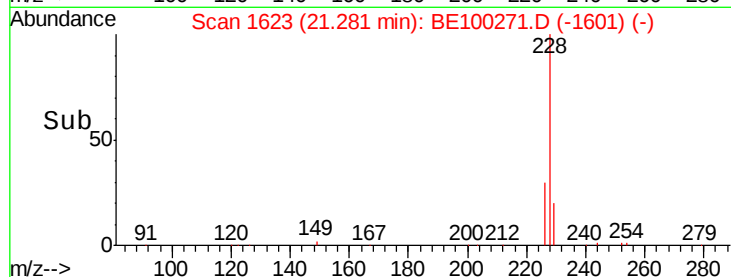
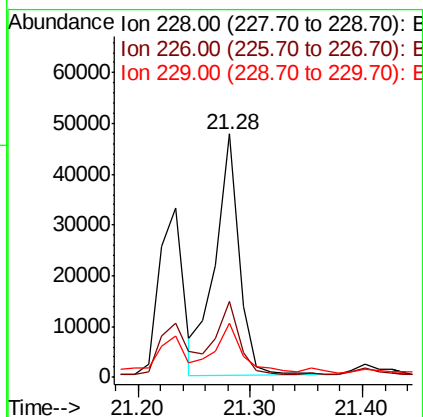
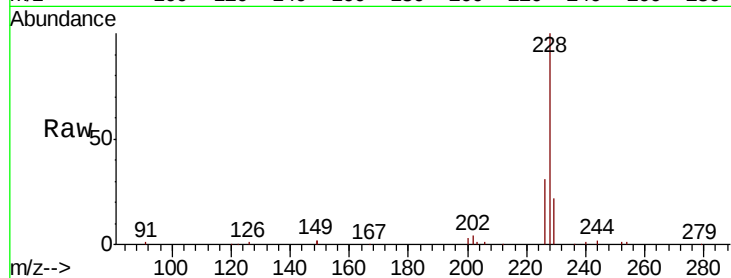




#30
Benzo(a)anthracene
Concen: 2.145 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.06 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

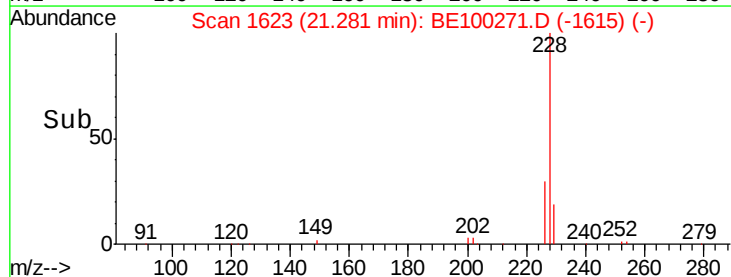
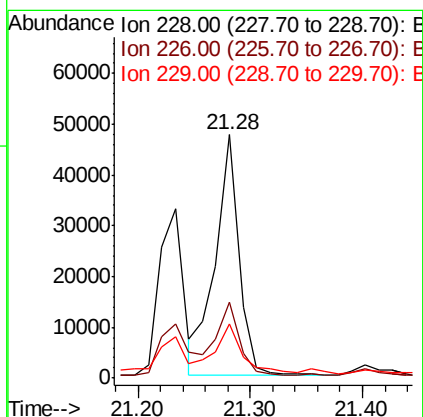
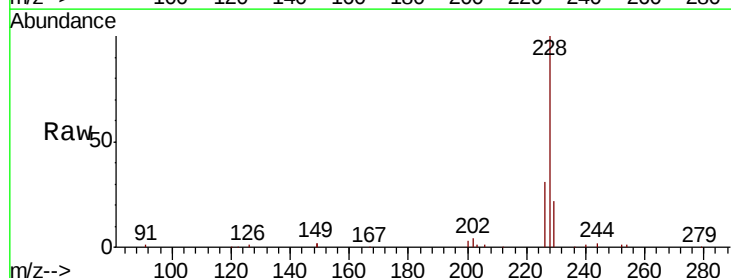
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319DL

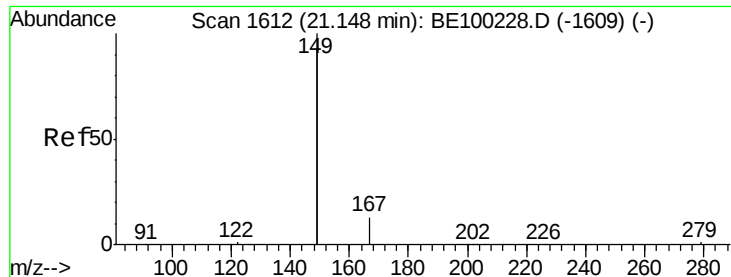
Tgt Ion:228 Resp: 70202
Ion Ratio Lower Upper
228 100
226 31.0 23.2 34.8
229 22.3 15.7 23.5



#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

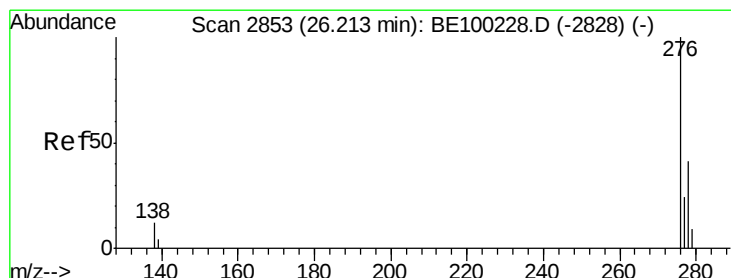
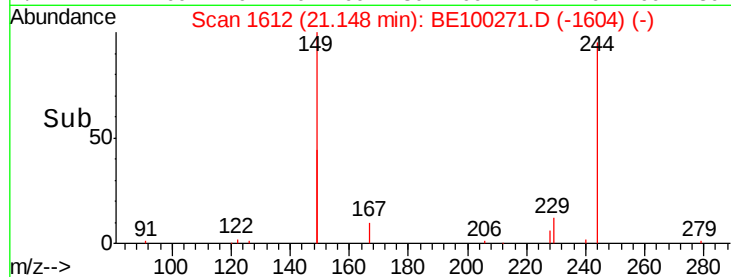
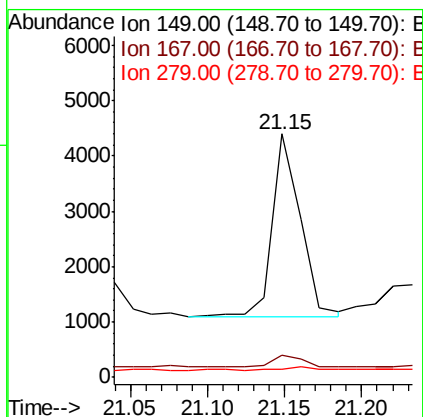
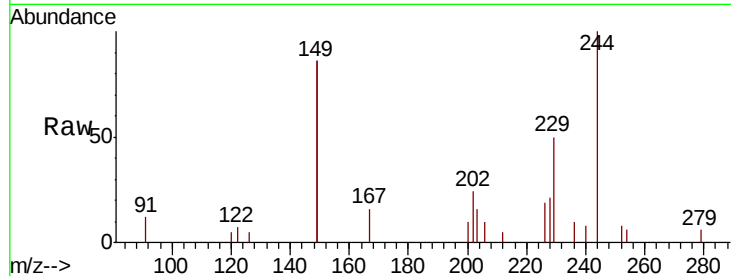




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.035 ng
 RT: 21.15 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

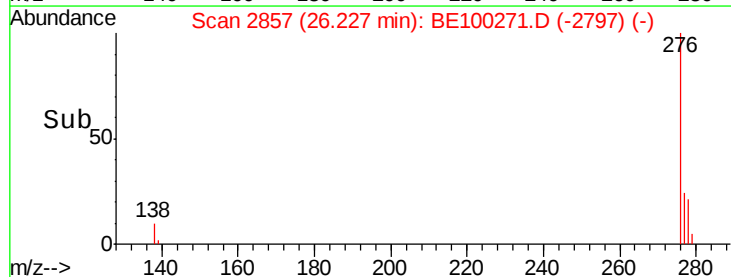
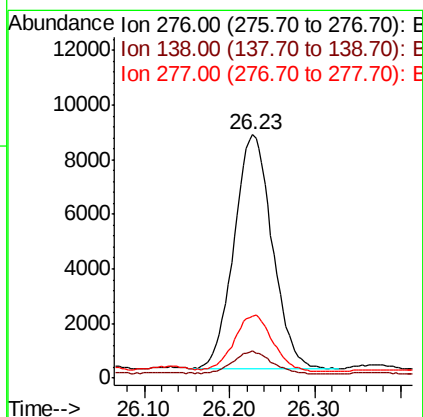
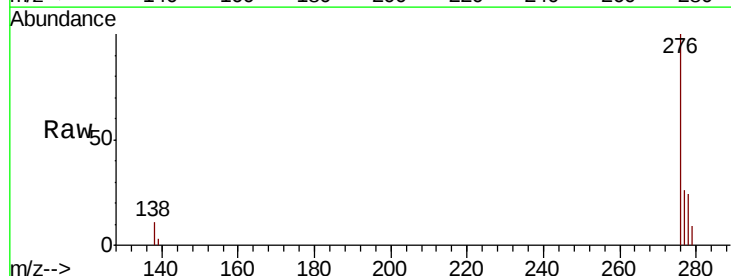
Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW155-061319DL

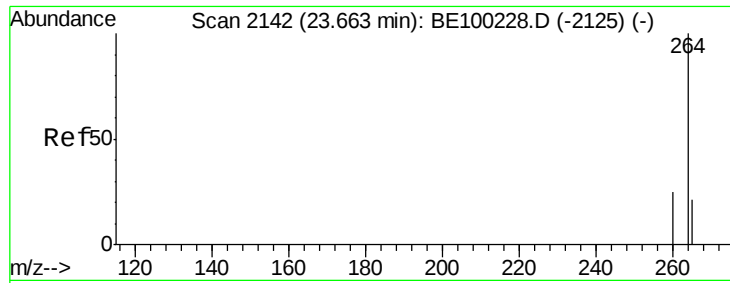
Tgt Ion:149 Resp: 4262
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.8 8.8
 279 2.1 1.1 1.7#



#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

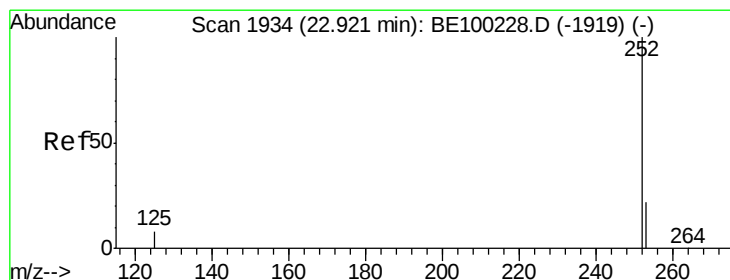
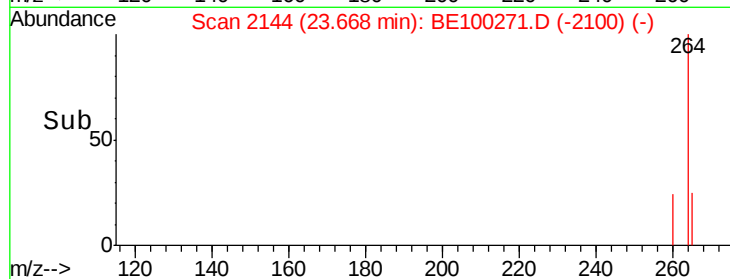
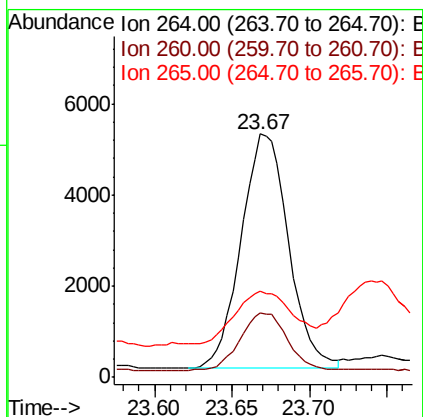
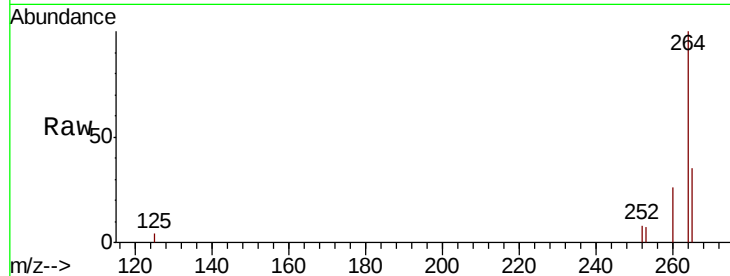




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: BE100271.D
 Acq: 1 Jul 2019 18:31

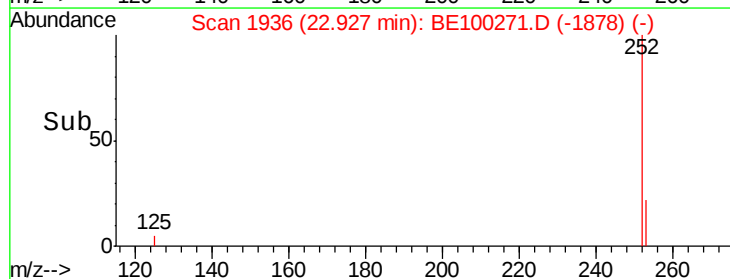
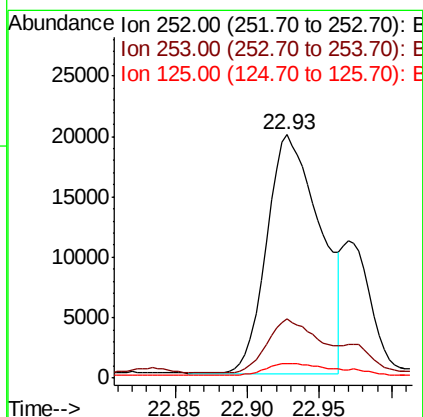
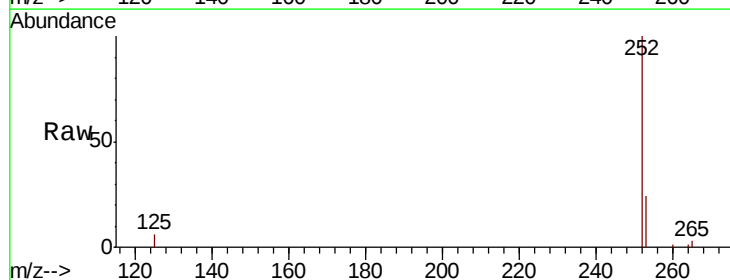
Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW155-061319DL

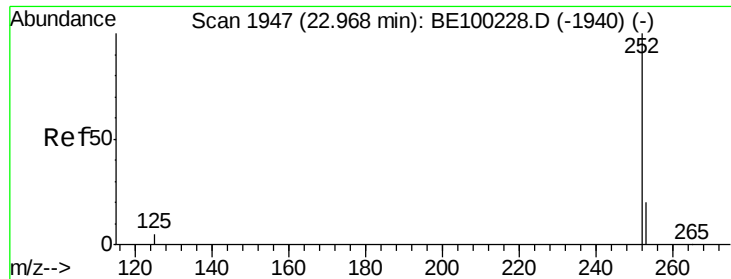
Tgt Ion: 264 Resp: 10890
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.8 31.2
 265 35.4 21.8 32.6#



#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#

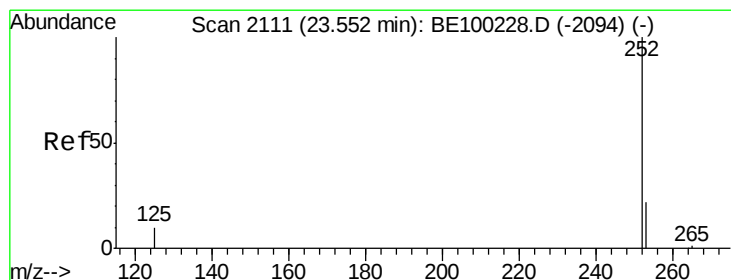
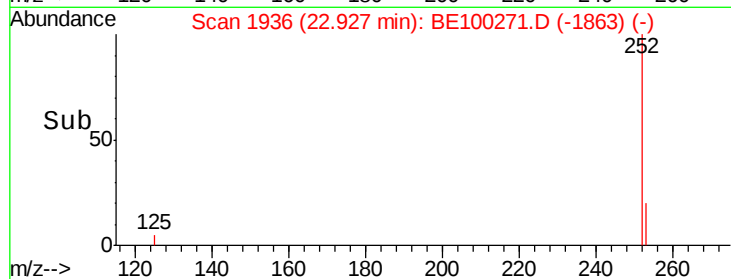
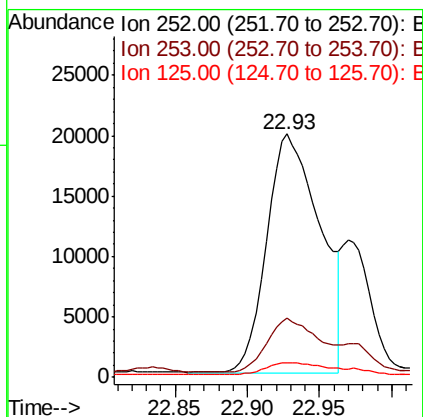
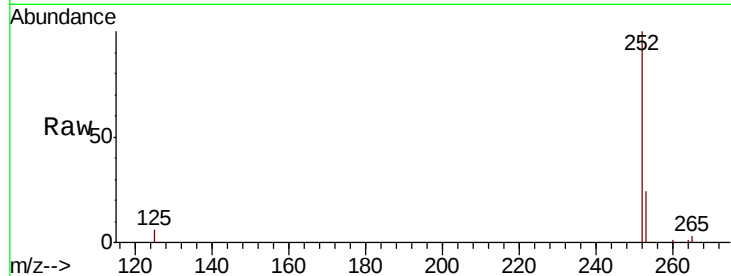




#36
Benzo(k)fluoranthene
Concen: 1.545 ng
RT: 22.93 min Scan# 1936
Delta R.T. -0.04 min
Lab File: BE100271.D
Acq: 1 Jul 2019 18:31

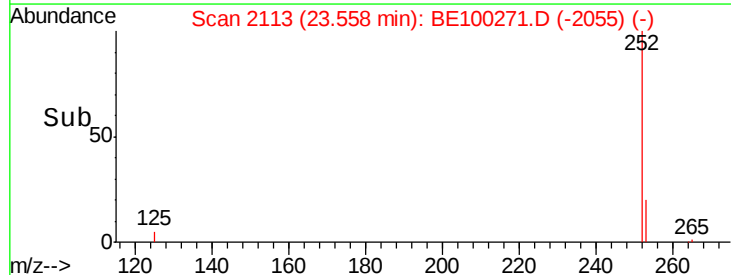
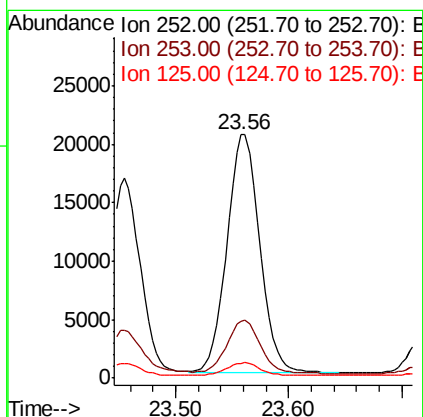
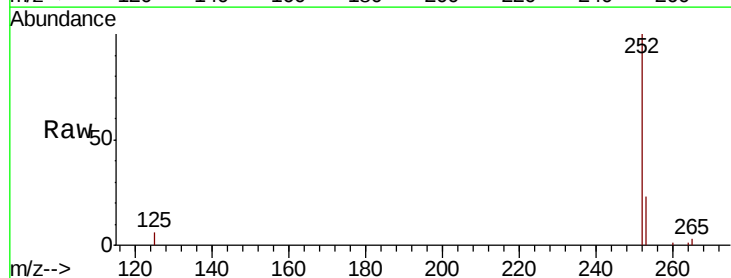
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319DL

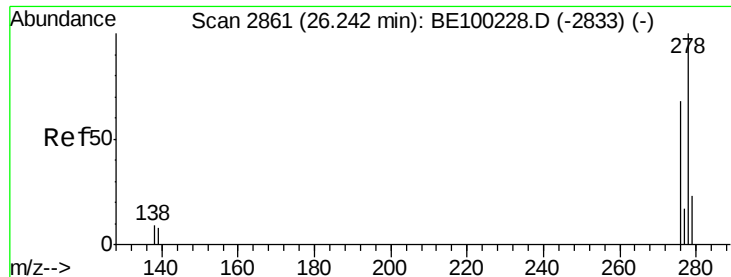
Tgt Ion: 252 Resp: 50908
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 6.2 5.0 7.4



#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_E

ClientSampleId :

EXT-084-SW155-061319DL

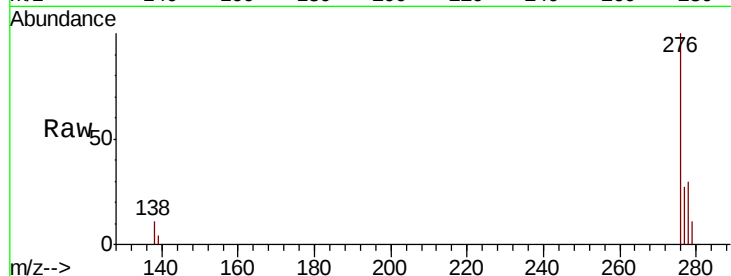
Tgt Ion:278 Resp: 8082

Ion Ratio Lower Upper

278 100

139 13.8 8.2 12.2#

279 36.9 20.3 30.5#

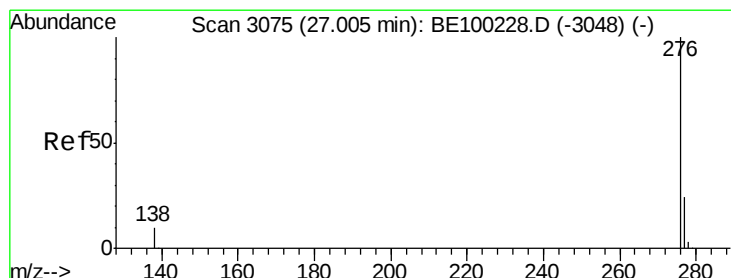
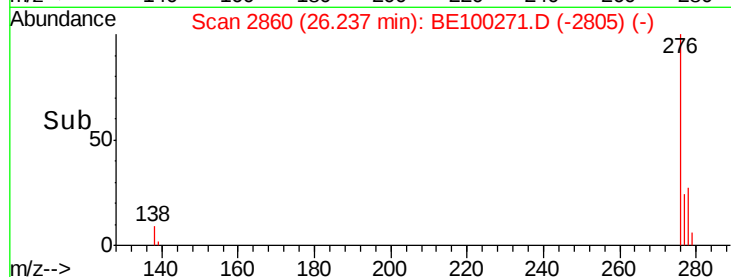
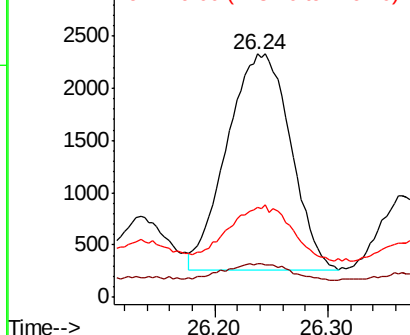


Abundance

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(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

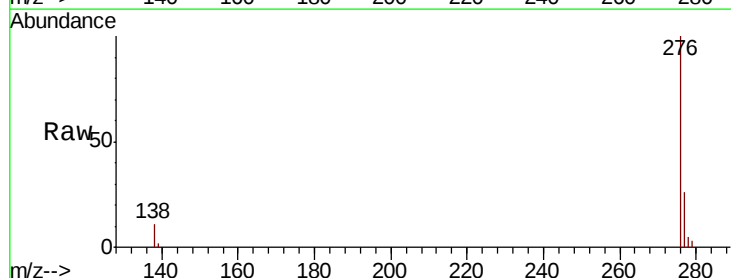
Tgt Ion:276 Resp: 31151

Ion Ratio Lower Upper

276 100

277 25.7 20.2 30.2

138 10.7 9.0 13.6



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

