

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
 Data File : BE099903.D
 Acq On : 10 Jun 2019 22:55
 Operator : JU/SJ
 Sample : K3257-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190605

Quant Time: Jun 11 05:59:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	628	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2111	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1762	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5639	0.40	ng	0.00
27) Chrysene-d12	21.40	240	8881	0.40	ng	0.00
34) Perylene-d12	23.92	264	10215	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	278	0.16	ng	0.00
5) Phenol-d6	6.99	99	202	0.09	ng	0.02
8) Nitrobenzene-d5	8.98	82	768	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1498	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	401	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	2881	0.43	ng	0.00
25) Fluoranthene-d10	19.25	212	35086	0.43	ng	0.00
29) Terphenyl-d14	19.85	244	9365	0.59	ng	0.00

Target Compounds

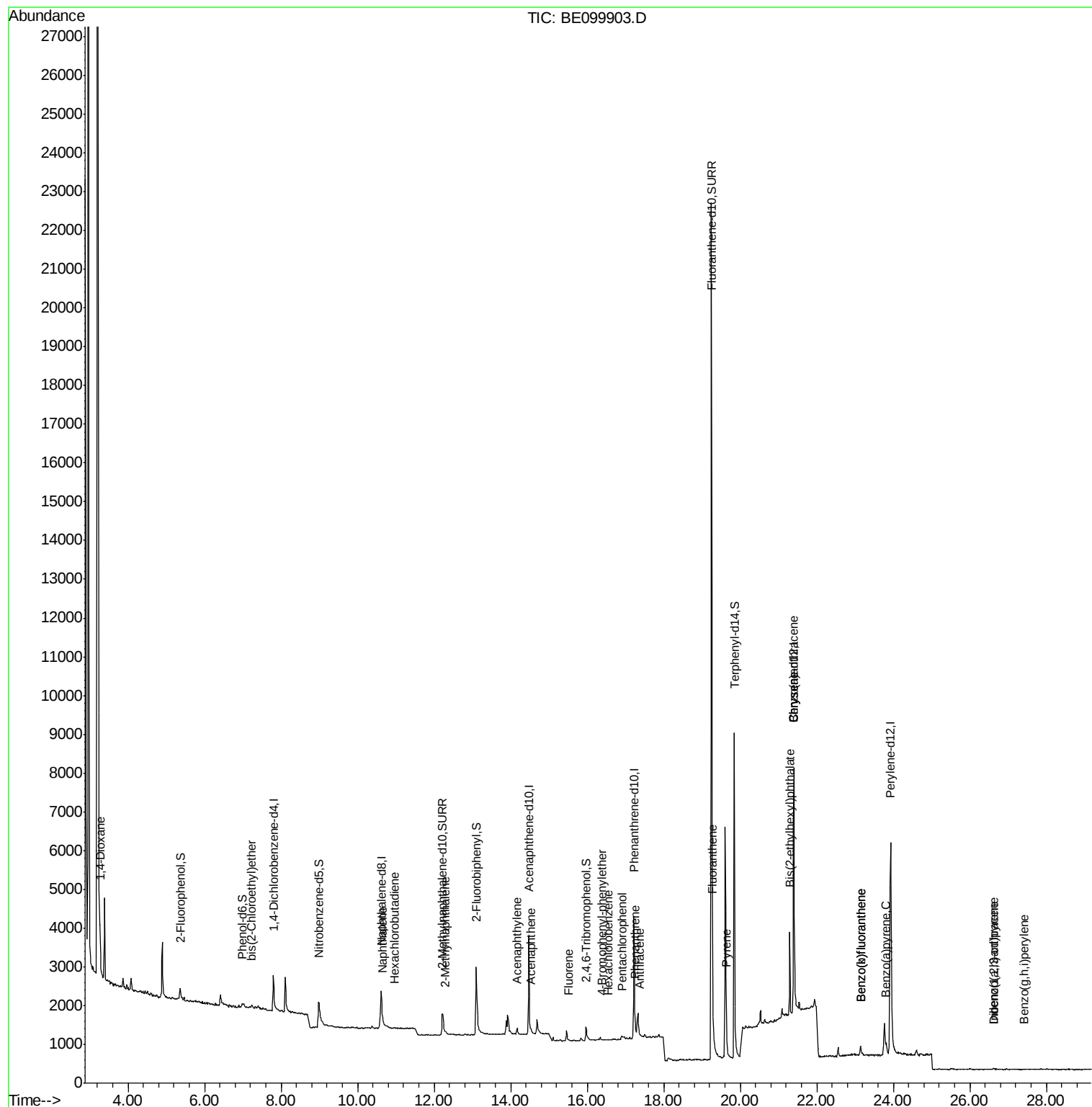
						Qvalue
2) 1,4-Dioxane	3.27	88	704	0.757	ng	# 83
6) bis(2-Chloroethyl)ether	7.23	93	62	0.035	ng	# 58
9) Naphthalene	10.65	128	162	0.007	ng	# 51
10) Hexachlorobutadiene	10.96	225	2	0.001	ng	# 50
12) 2-Methylnaphthalene	12.28	142	22	0.006	ng	# 64
16) Acenaphthylene	14.17	152	12	0.001	ng	# 2
17) Acenaphthene	14.53	154	39	0.008	ng	# 87
18) Fluorene	15.51	166	10	0.001	ng	# 1
20) 4-Bromophenyl-phenylether	16.38	248	4	0.001	ng	# 66
21) Hexachlorobenzene	16.55	284	3	0.001	ng	# 1
22) Pentachlorophenol	16.91	266	130	0.382	ng	96
23) Phenanthrene	17.25	178	92	0.007	ng	# 85
24) Anthracene	17.36	178	5	0.000	ng	# 61
26) Fluoranthene	19.28	202	36	0.002	ng	# 67
28) Pyrene	19.64	202	310	0.013	ng	# 90
30) Benzo(a)anthracene	21.40	228	52	0.002	ng	# 1
31) Chrysene	21.40	228	17	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	2384	0.063	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.62	276	6	0.000	ng	# 35
35) Benzo(b)fluoranthene	23.15	252	80	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	80	0.003	ng	# 1
37) Benzo(a)pyrene	23.82	252	40	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.63	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.42	276	5	0.000	ng	# 1

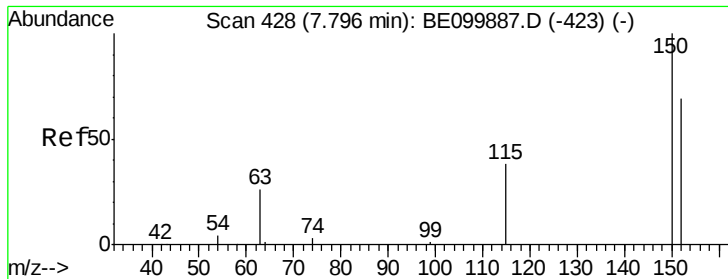
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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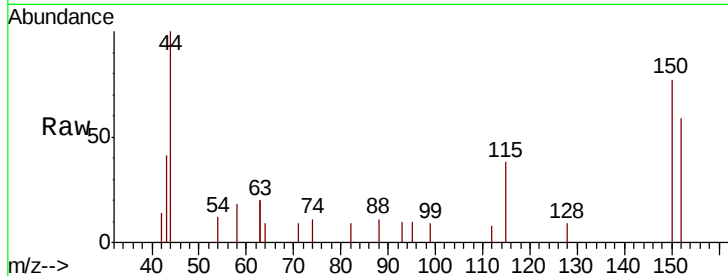


#1

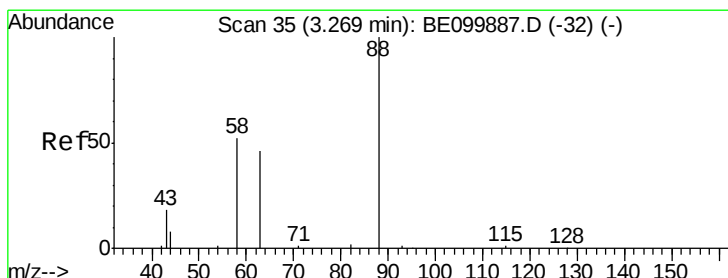
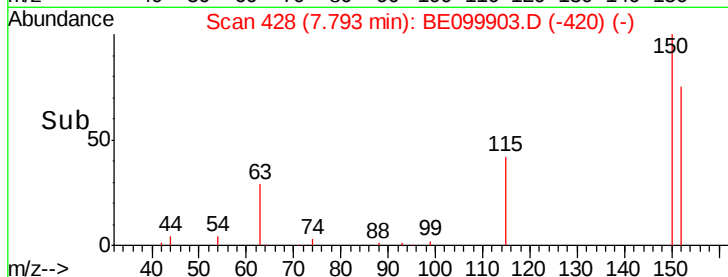
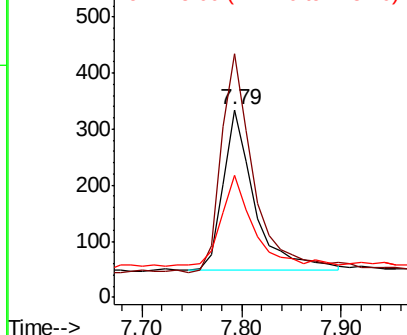
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099903.D
Acq: 10 Jun 2019 22:55

Instrument :
BNA_E
ClientSampleId :
DUP02-20190605

Tgt Ion: 152 Resp: 628
Ion Ratio Lower Upper
152 100
150 129.6 111.0 166.6
115 64.8 50.7 76.1



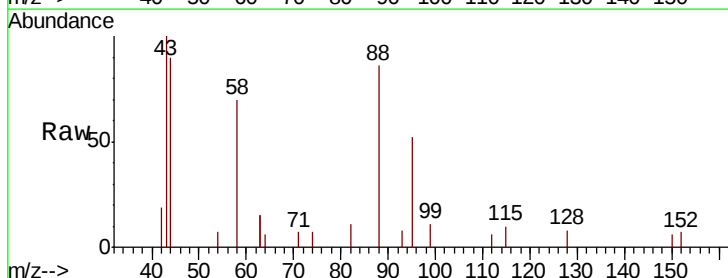
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



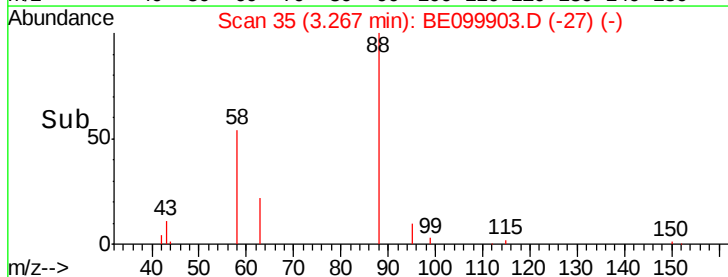
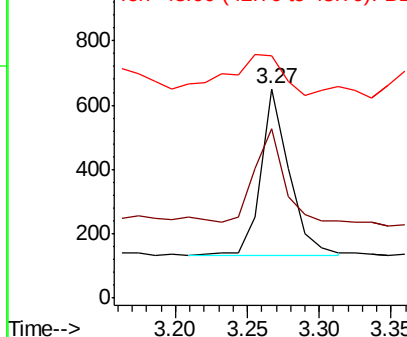
#2

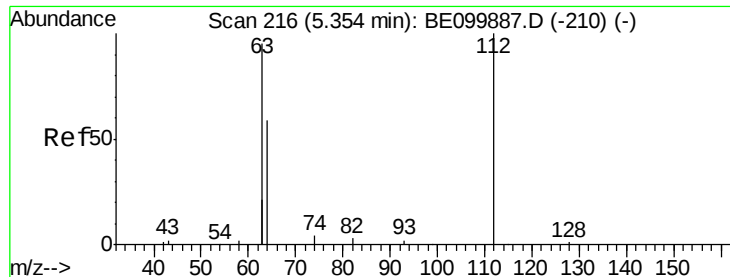
1,4-Dioxane
Concen: 0.757 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099903.D
Acq: 10 Jun 2019 22:55

Tgt Ion: 88 Resp: 704
Ion Ratio Lower Upper
88 100
58 57.7 48.8 73.2
43 47.9 19.0 28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.164 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

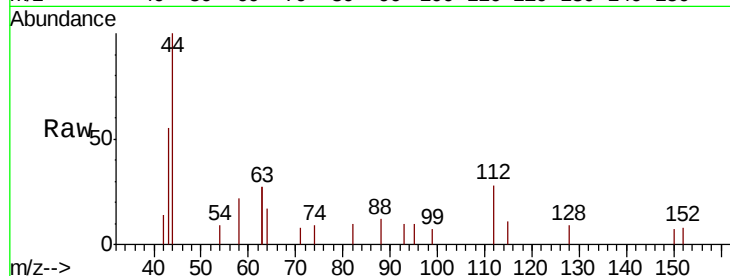
Tgt Ion: 112 Resp: 278

Ion Ratio Lower Upper

112 100

64 55.8 44.1 66.1

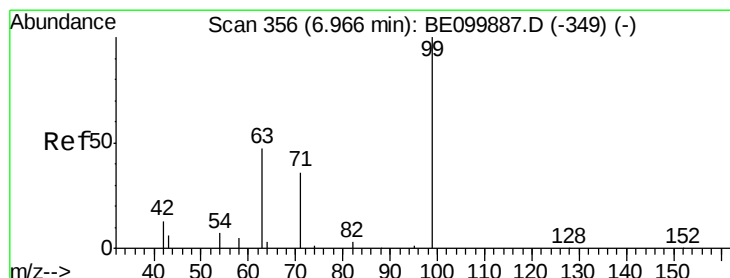
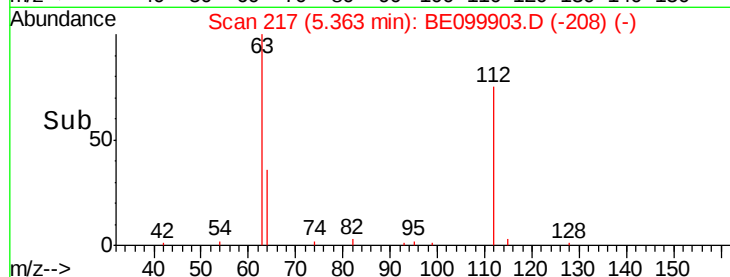
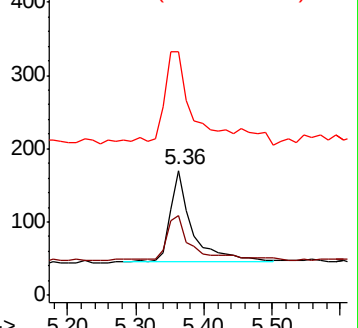
63 115.8 87.8 131.6



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.093 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

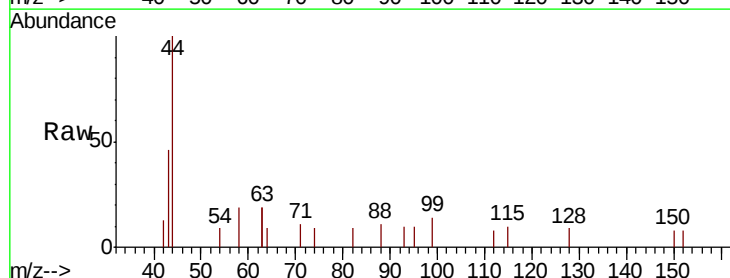
Tgt Ion: 99 Resp: 202

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

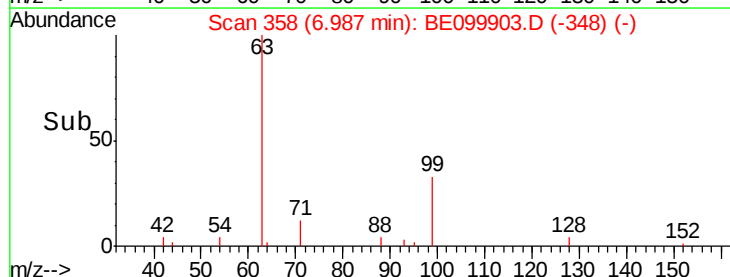
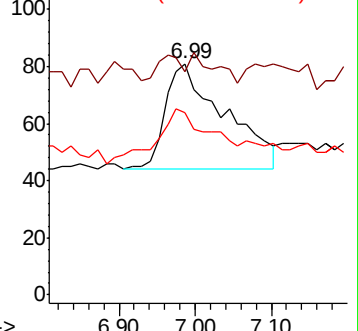
71 47.5 34.6 52.0

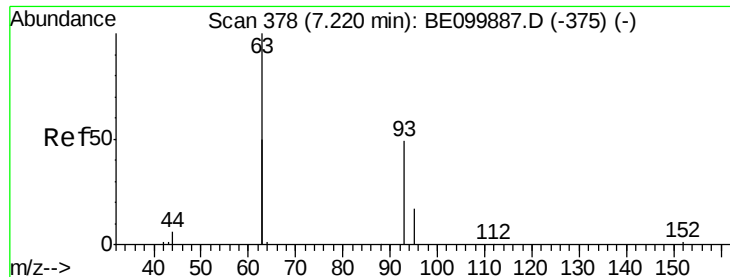


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.035 ng

RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

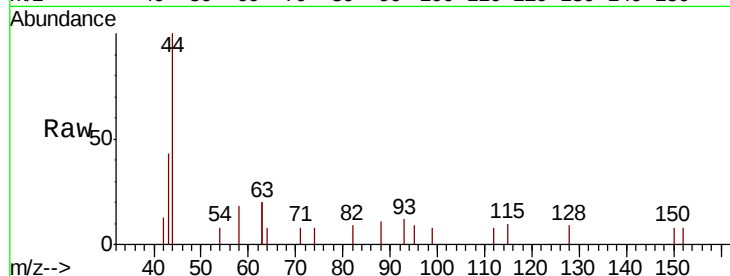
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

93 100

63 182.3 202.8 304.2#

95 0.0 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

300

250

200

150

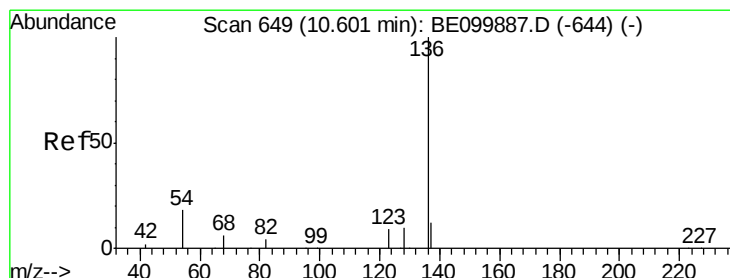
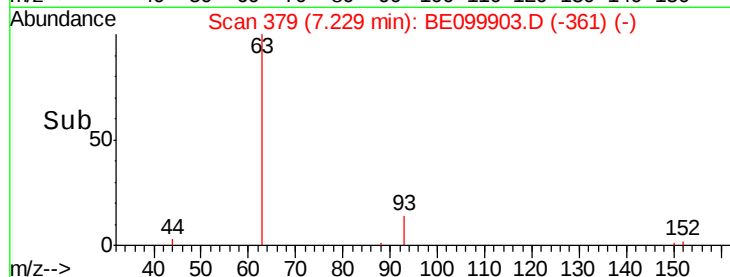
100

50

0

7.10 7.20 7.30 7.40

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Tgt Ion: 136 Resp: 2111

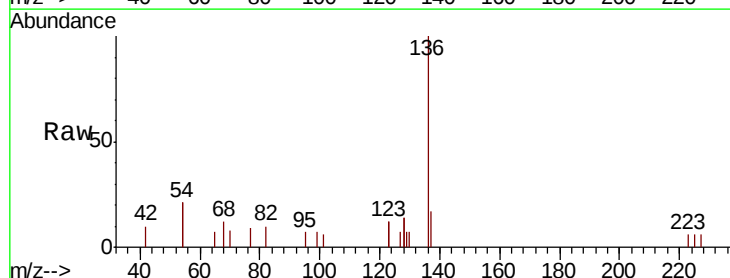
Ion Ratio Lower Upper

136 100

137 16.7 12.3 18.5

54 42.7 28.2 42.4#

68 12.4 7.8 11.8#



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): BE0

Ion 68.00 (67.70 to 68.70): BE0

1000

800

600

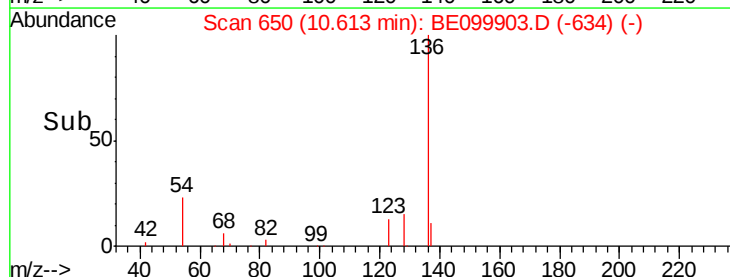
400

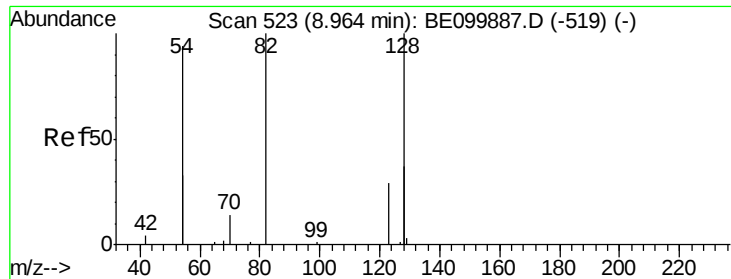
200

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.384 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

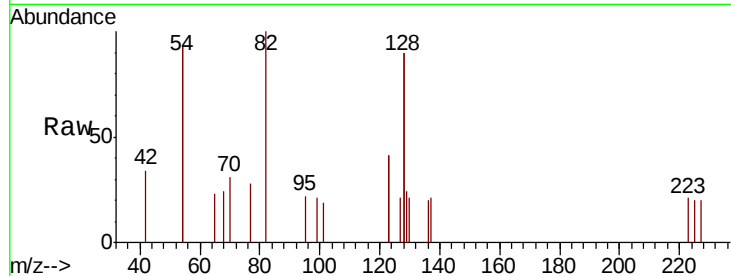
Tgt Ion: 82 Resp: 768

Ion Ratio Lower Upper

82 100

128 179.8 137.3 205.9

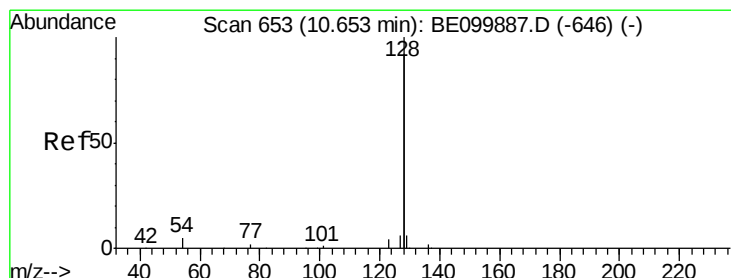
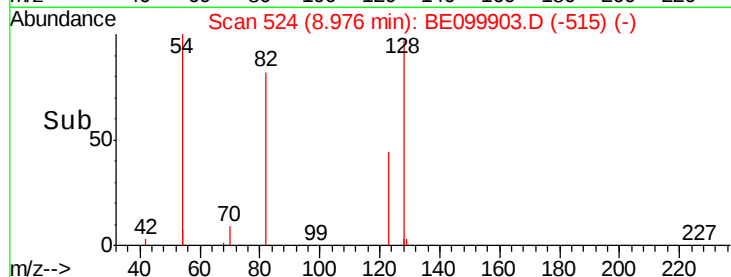
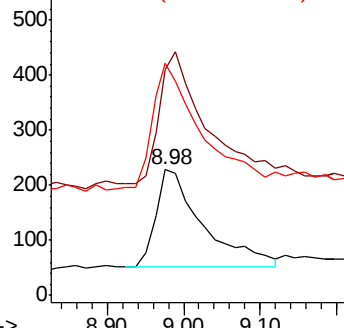
54 185.1 129.7 194.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.007 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

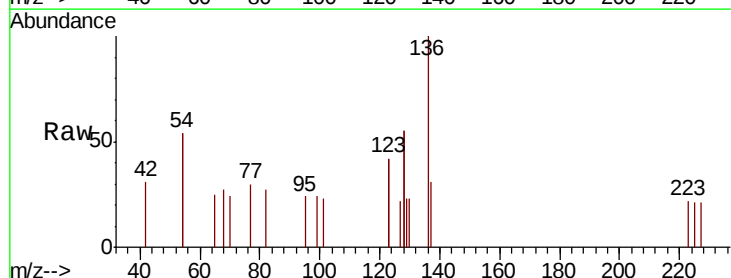
Tgt Ion: 128 Resp: 162

Ion Ratio Lower Upper

128 100

129 20.9 3.0 4.6#

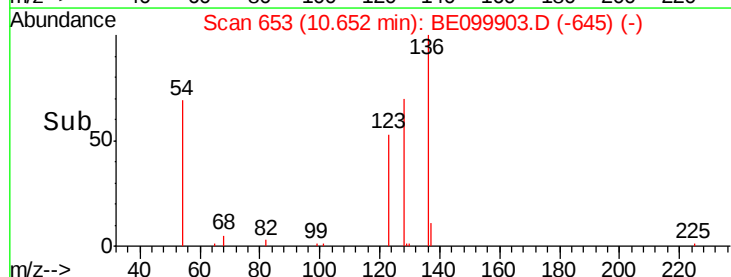
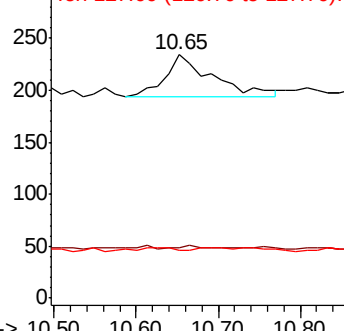
127 19.7 3.4 5.0#

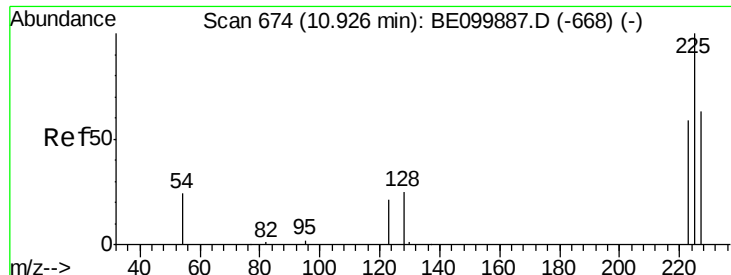


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

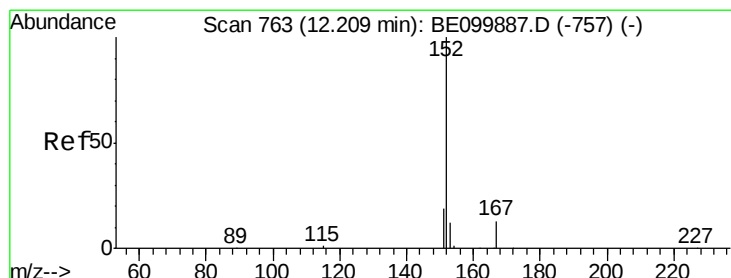
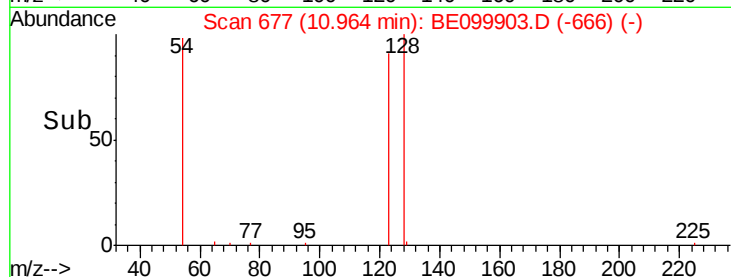
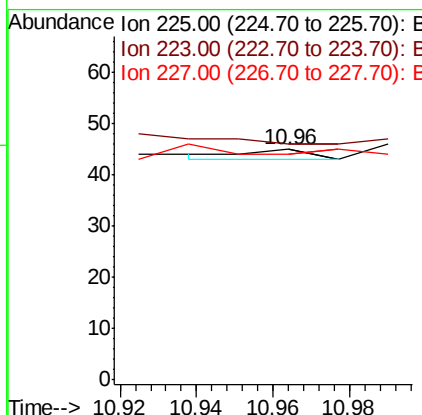
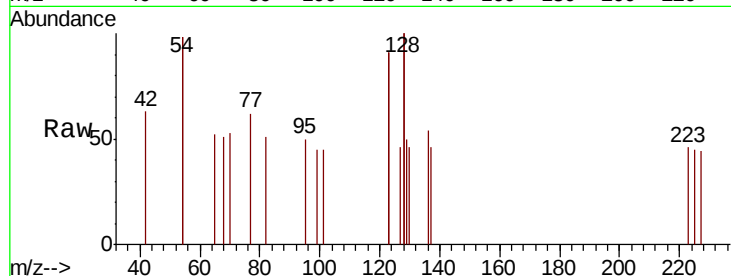




#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.96 min Scan# 677
Delta R.T. 0.04 min
Lab File: BE099903.D
Acq: 10 Jun 2019 22:55

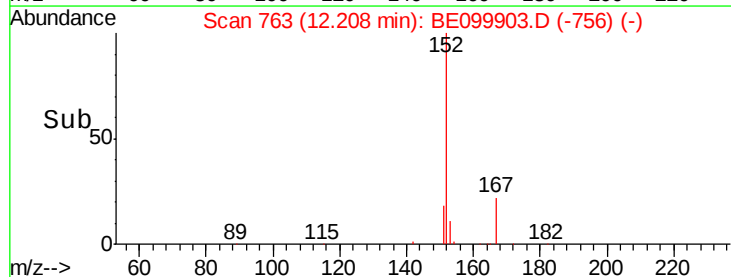
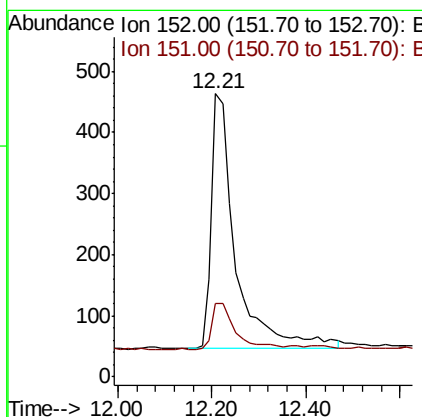
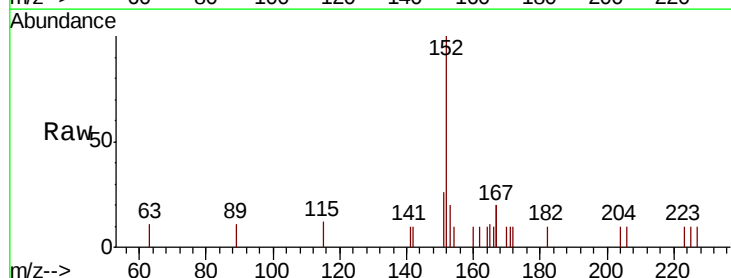
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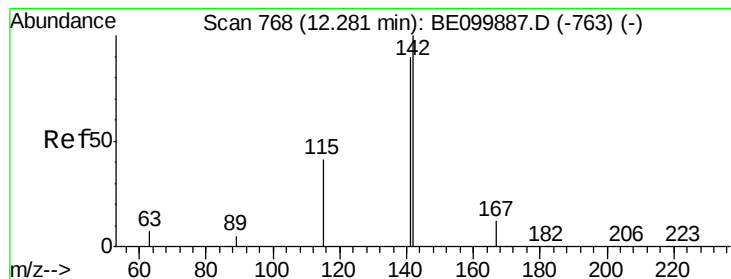
Tgt Ion: 225 Resp: 2
Ion Ratio Lower Upper
225 100
223 0.0 51.6 77.4#
227 50.0 50.6 76.0#



#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099903.D
Acq: 10 Jun 2019 22:55

Tgt Ion: 152 Resp: 1498
Ion Ratio Lower Upper
152 100
151 17.7 15.2 22.8





#12

2-Methylnaphthalene

Concen: 0.006 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

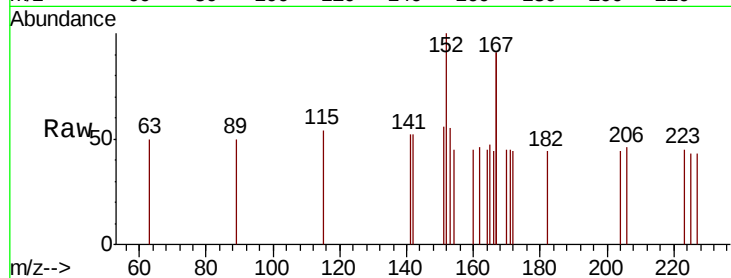
Tgt Ion:142 Resp: 22

Ion Ratio Lower Upper

142 100

141 100.0 72.3 108.5

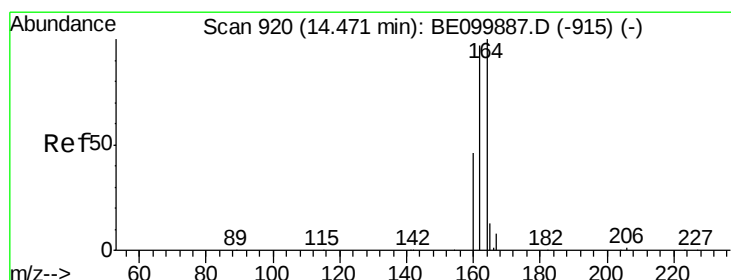
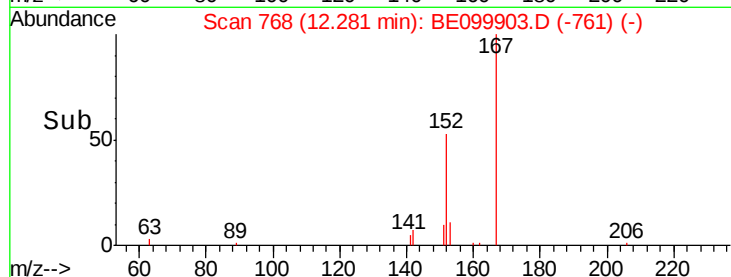
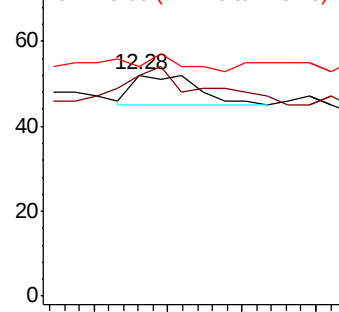
115 103.8 36.4 54.6#



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: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

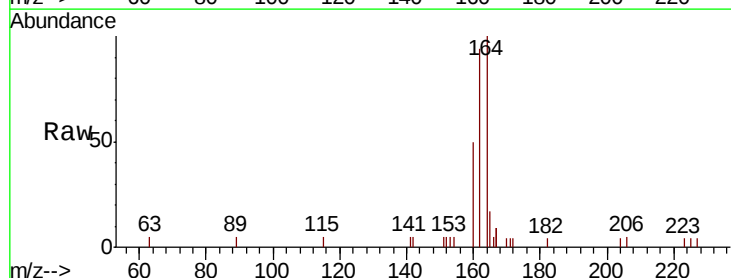
Tgt Ion:164 Resp: 1762

Ion Ratio Lower Upper

164 100

162 93.6 77.8 116.8

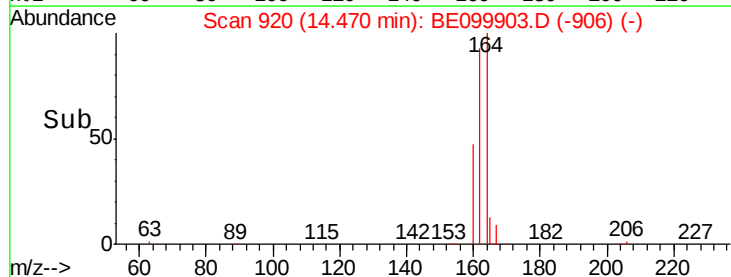
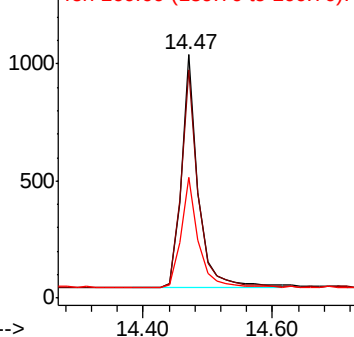
160 49.6 38.2 57.4

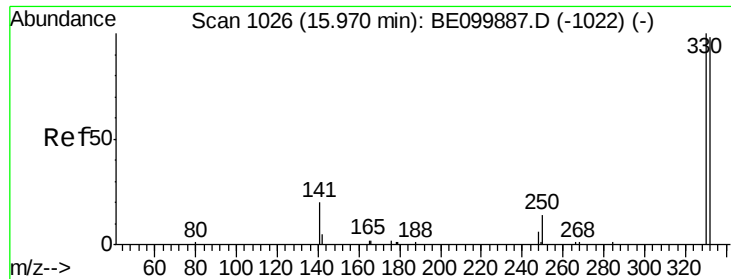


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

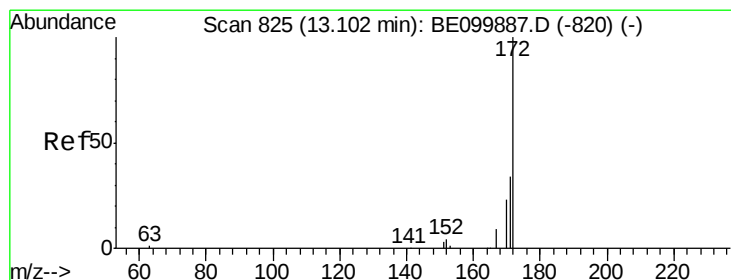
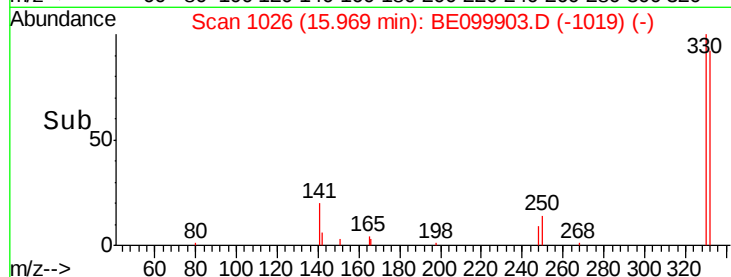
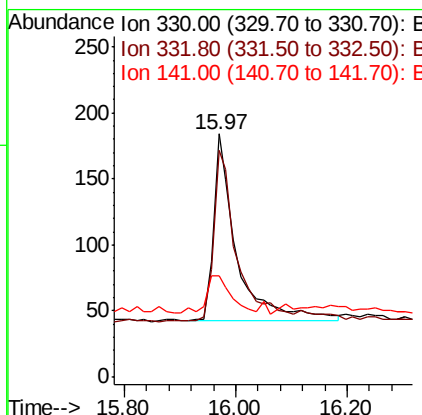
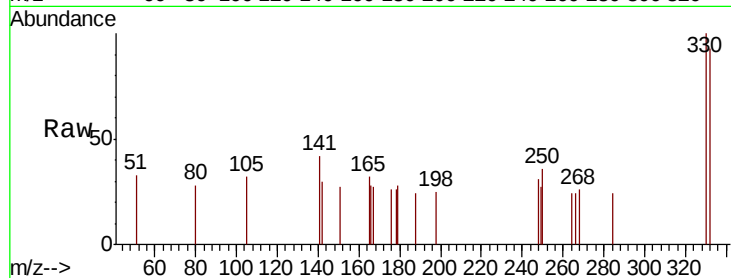




#14
 2,4,6-Tribromophenol
 Concen: 0.308 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

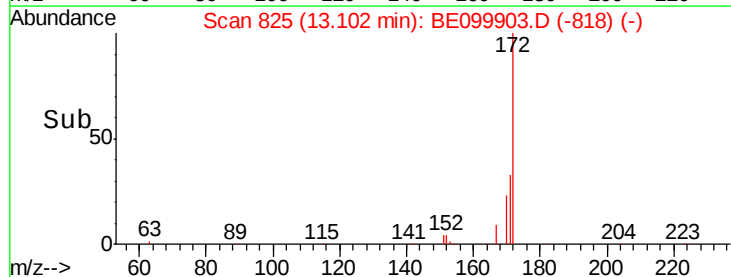
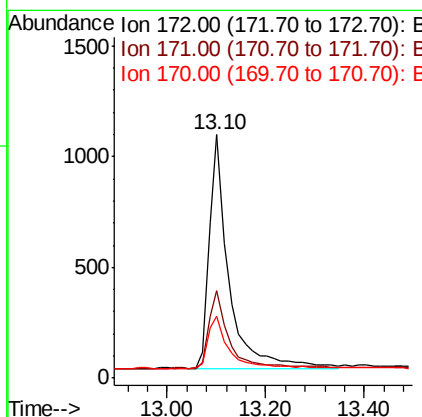
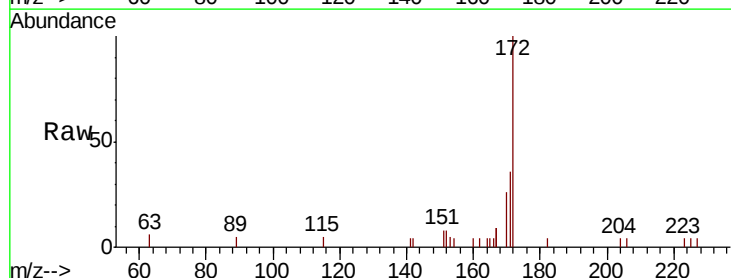
Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190605

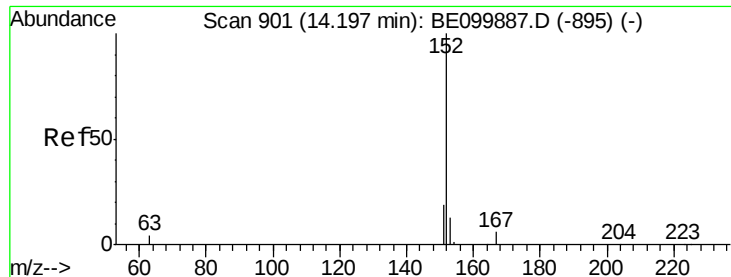
Tgt Ion: 330 Resp: 401
 Ion Ratio Lower Upper
 330 100
 332 91.0 76.7 115.1
 141 21.9 21.0 31.6



#15
 2-Fluorobiphenyl
 Concen: 0.431 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

Tgt Ion: 172 Resp: 2881
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 25.6 21.2 31.8





#16

Acenaphthylene

Concen: 0.001 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.03 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

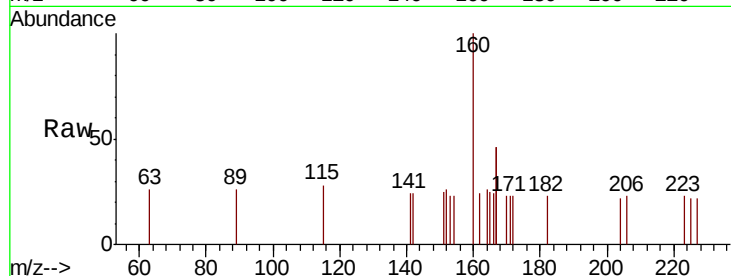
Tgt Ion:152 Resp: 12

Ion Ratio Lower Upper

152 100

151 83.3 15.5 23.3#

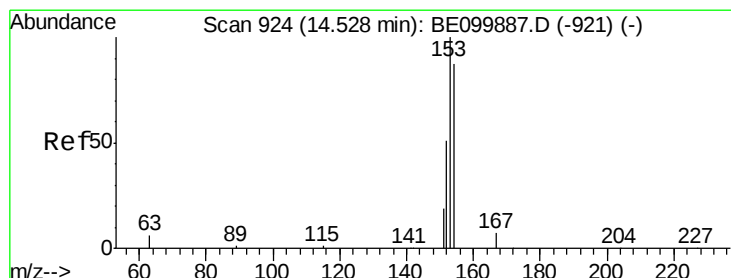
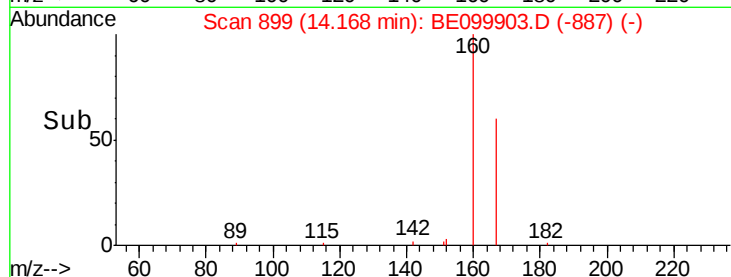
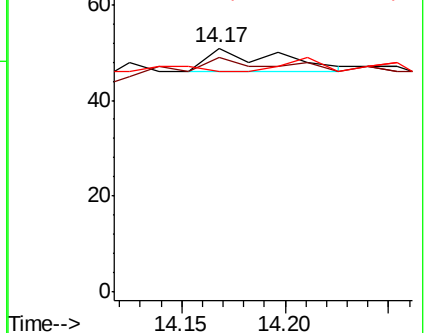
153 0.0 10.2 15.2#



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: 0.008 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

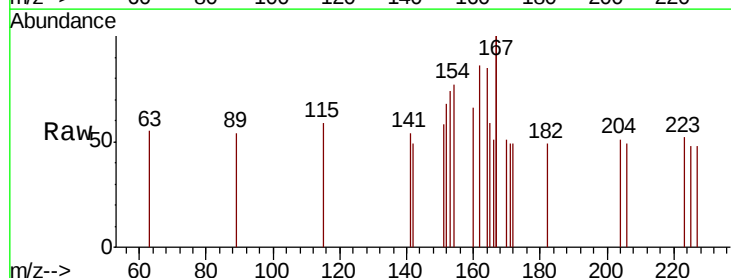
Tgt Ion:154 Resp: 39

Ion Ratio Lower Upper

154 100

153 107.7 93.1 139.7

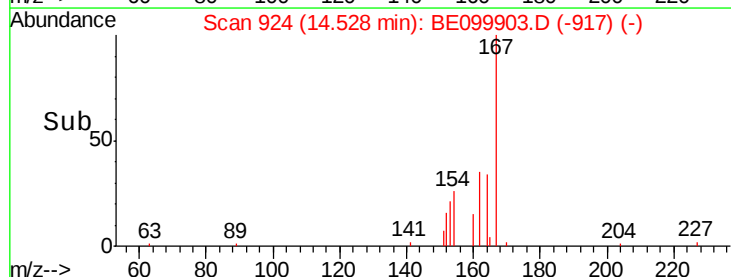
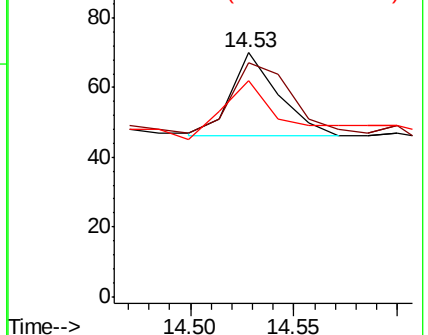
152 76.9 47.0 70.4#

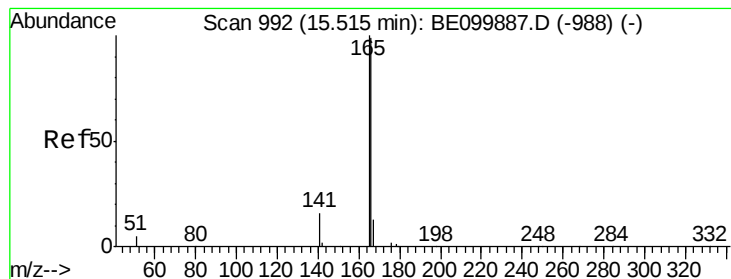


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.001 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

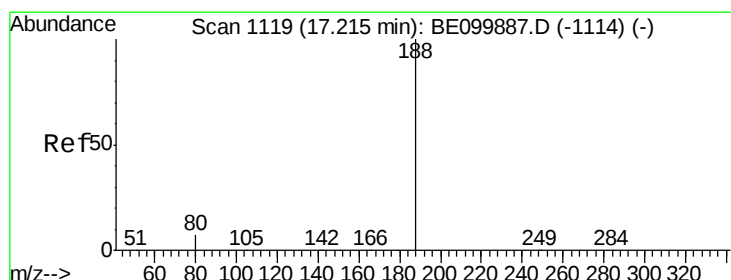
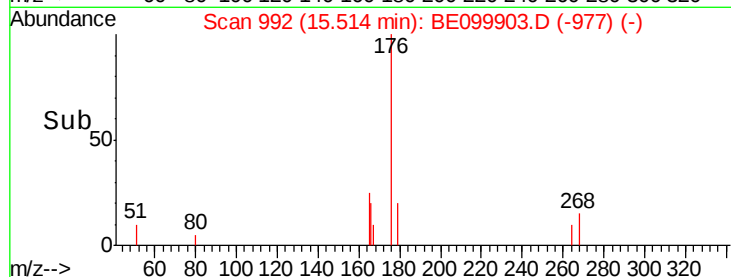
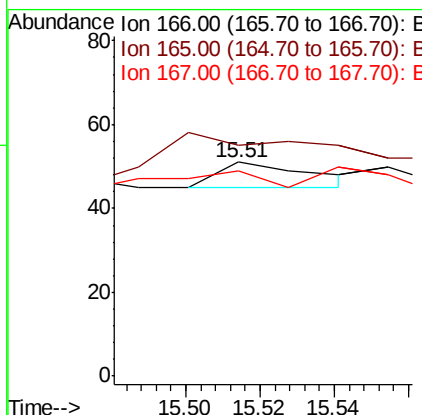
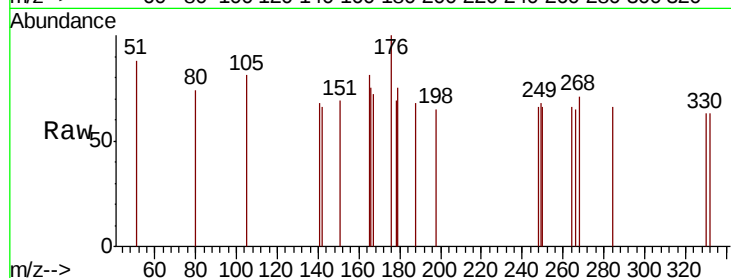
Tgt Ion:166 Resp: 10

Ion Ratio Lower Upper

166 100

165 330.0 81.8 122.8#

167 30.0 11.2 16.8#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

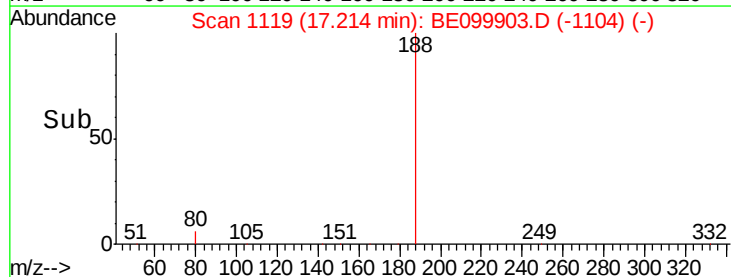
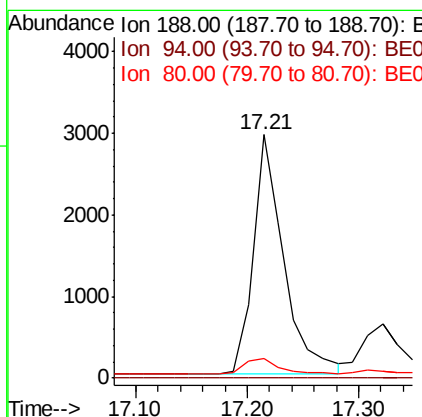
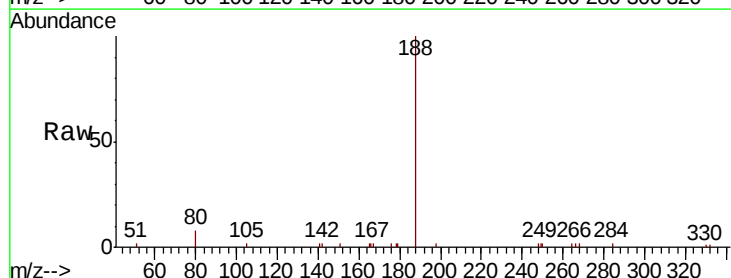
Tgt Ion:188 Resp: 5639

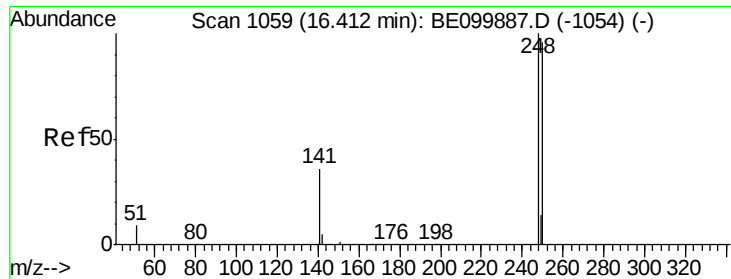
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 6.4 9.6





#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

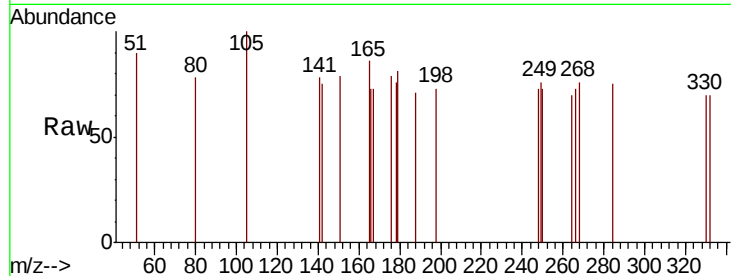
Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

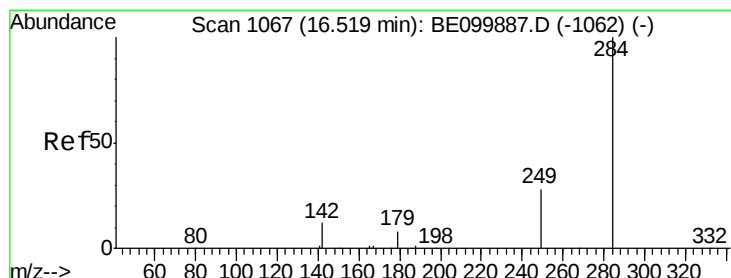
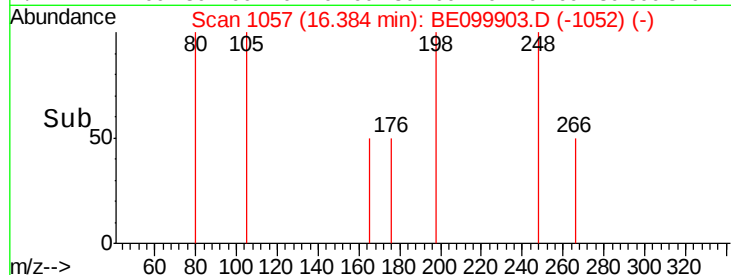
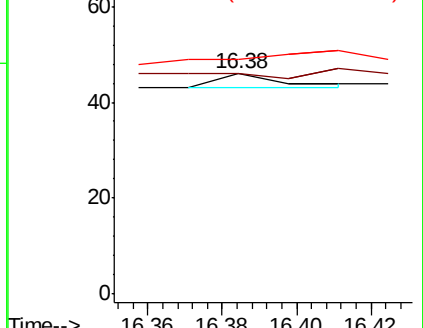
Tgt Ion:	248	Resp:	4
Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.5	116.3
141	106.5	31.8	47.8#



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

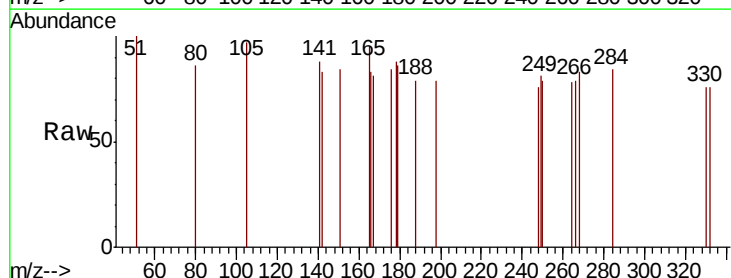
RT: 16.55 min Scan# 1069

Delta R.T. 0.03 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

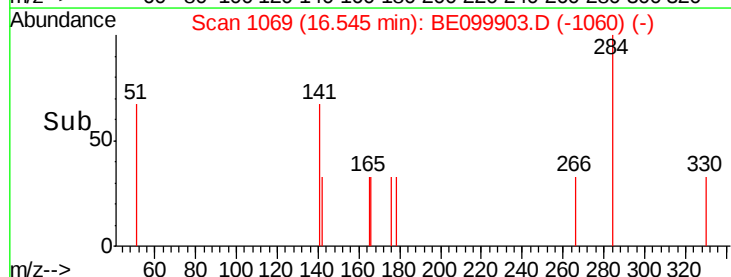
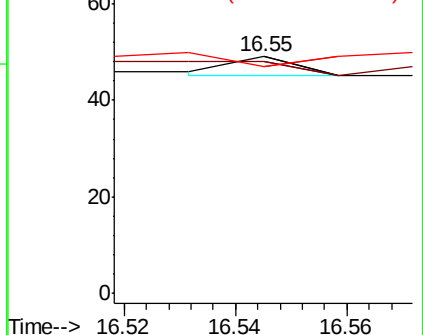
Tgt Ion:	284	Resp:	3
Ion	Ratio	Lower	Upper
284	100		
142	0.0	18.2	27.4#
249	133.3	24.6	37.0#

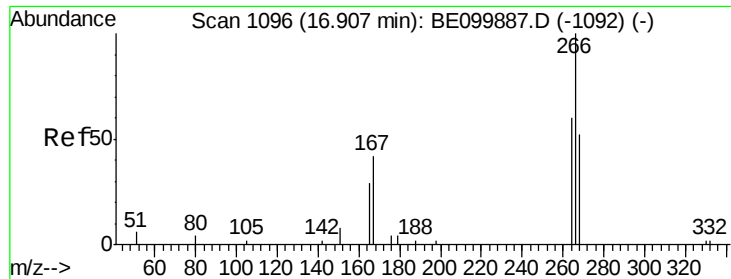


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

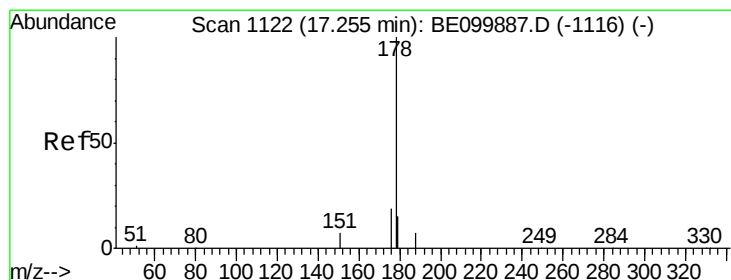
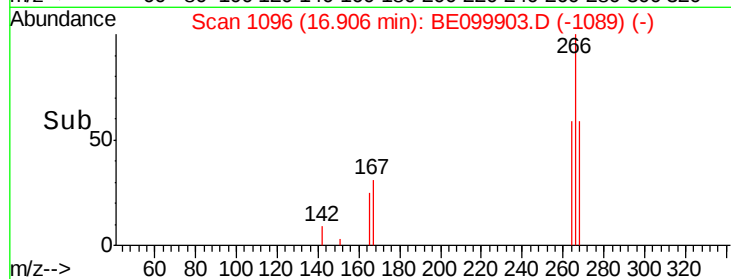
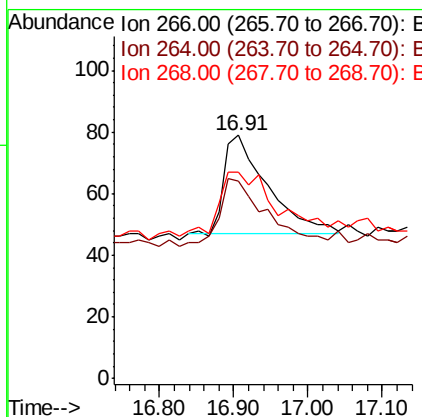
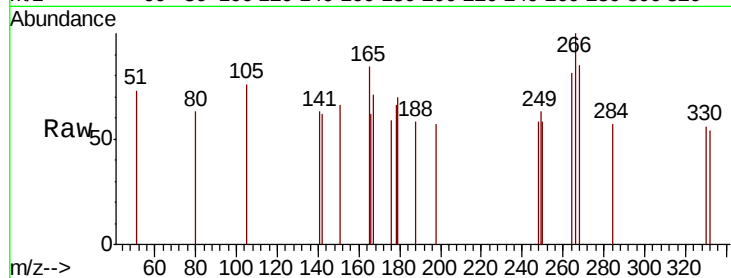




#22
 Pentachlorophenol
 Concen: 0.382 ng
 RT: 16.91 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

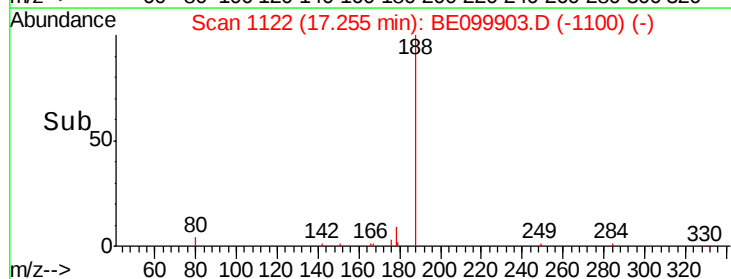
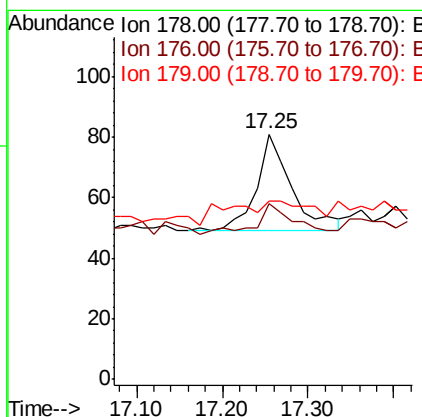
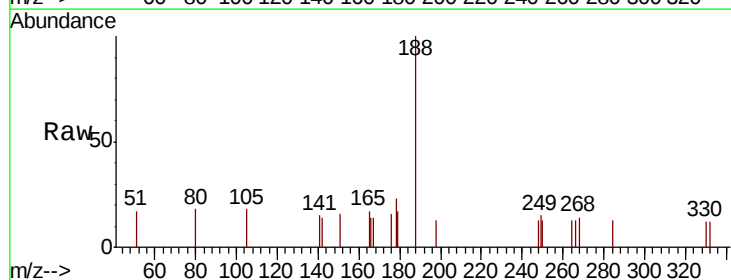
Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190605

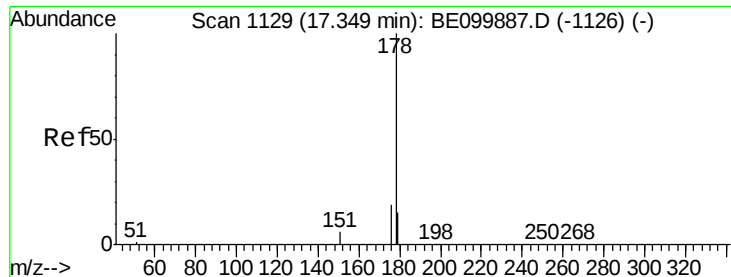
Tgt Ion: 266 Resp: 130
 Ion Ratio Lower Upper
 266 100
 264 81.0 62.2 93.2
 268 84.8 65.5 98.3



#23
 Phenanthrene
 Concen: 0.007 ng
 RT: 17.25 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

Tgt Ion: 178 Resp: 92
 Ion Ratio Lower Upper
 178 100
 176 31.5 15.8 23.8#
 179 16.3 12.4 18.6





#24

Anthracene

Concen: 0.000 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

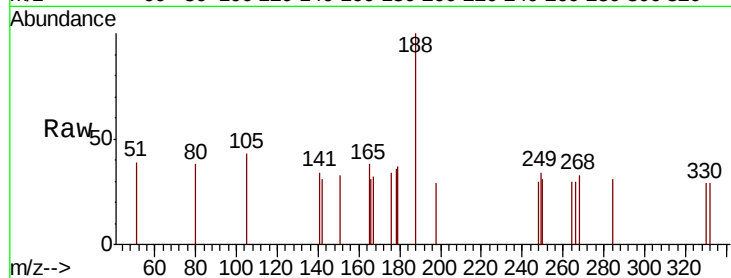
Tgt Ion:178 Resp: 5

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

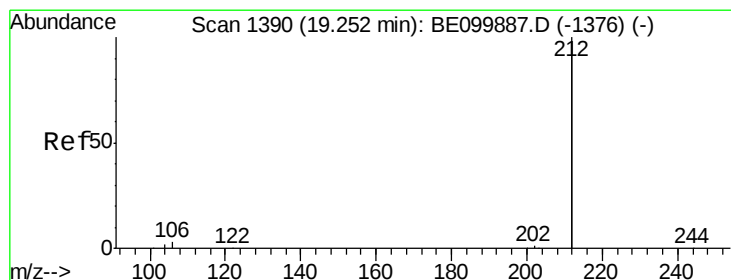
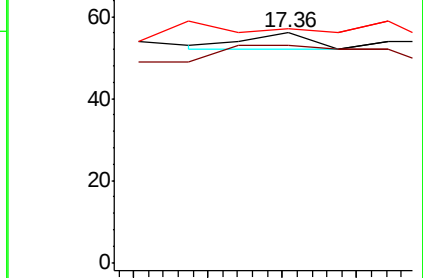
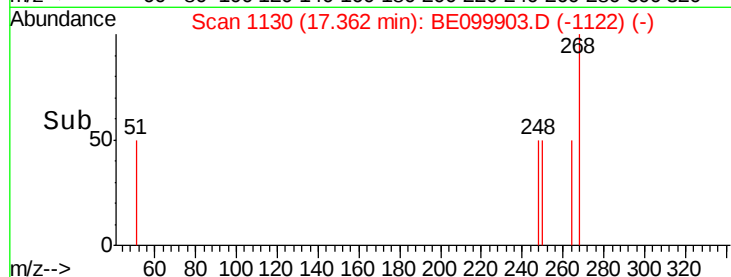
179 0.0 12.3 18.5#



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: 0.427 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

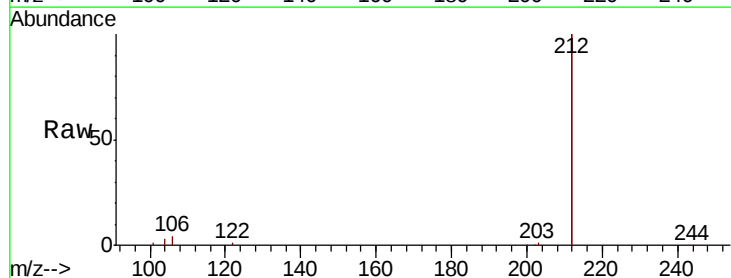
Tgt Ion:212 Resp: 35086

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.2

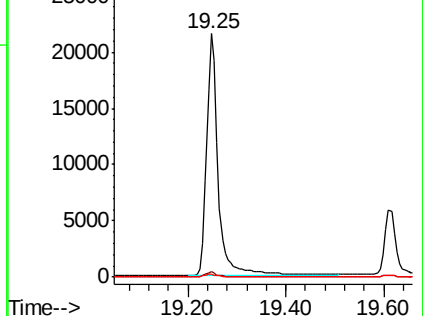
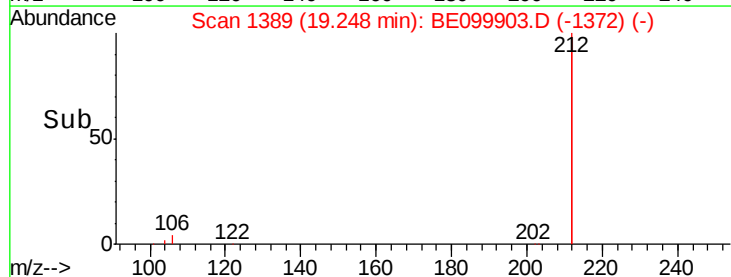
104 1.0 0.9 1.3

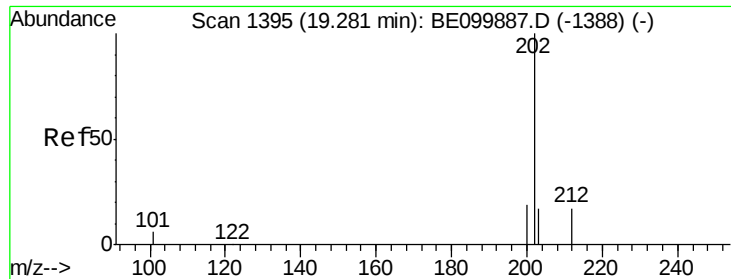


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

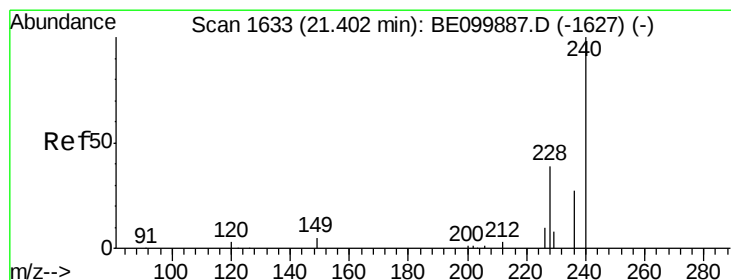
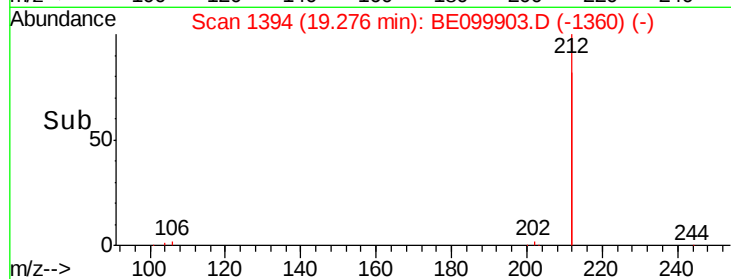
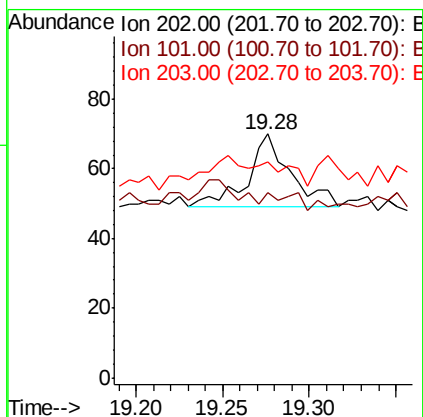
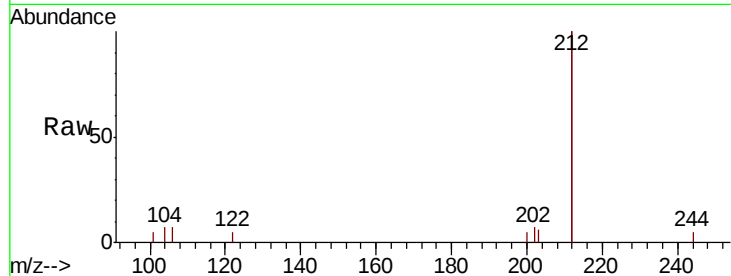




#26
 Fluoranthene
 Concen: 0.002 ng
 RT: 19.28 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

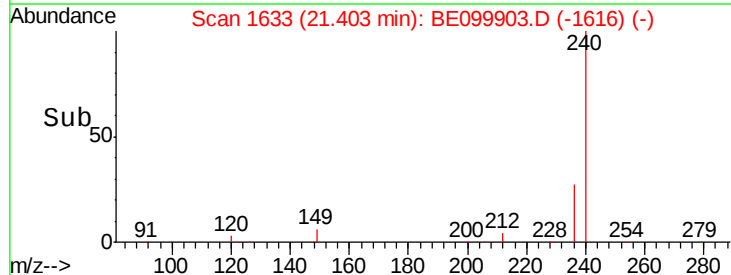
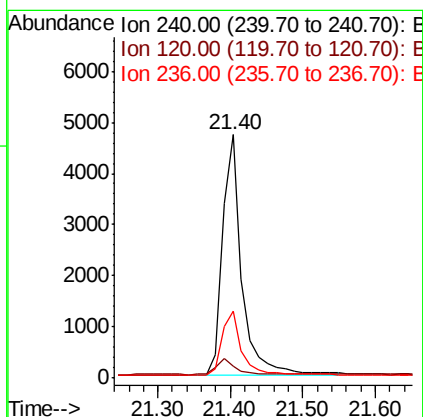
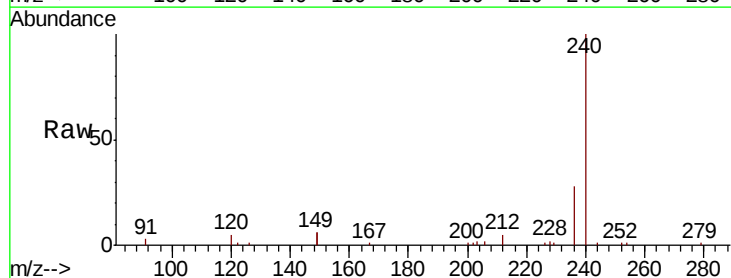
Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190605

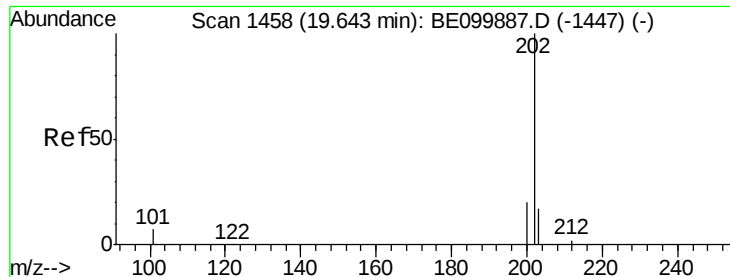
Tgt Ion: 202 Resp: 36
 Ion Ratio Lower Upper
 202 100
 101 0.0 5.4 8.0#
 203 0.0 13.2 19.8#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

Tgt Ion: 240 Resp: 8881
 Ion Ratio Lower Upper
 240 100
 120 4.7 3.8 5.6
 236 27.7 22.0 33.0





#28

Pyrene

Concen: 0.013 ng

RT: 19.64 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

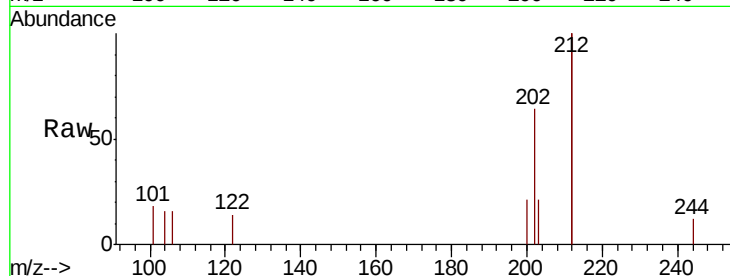
Tgt Ion:202 Resp: 310

Ion Ratio Lower Upper

202 100

200 22.3 15.5 23.3

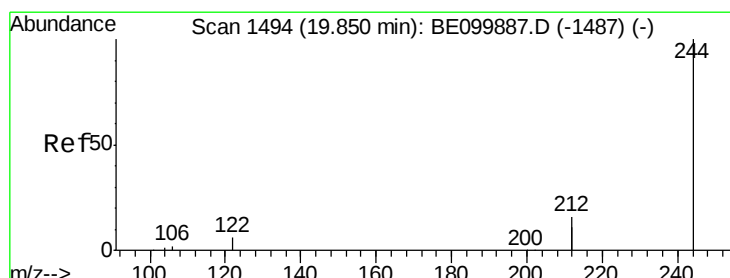
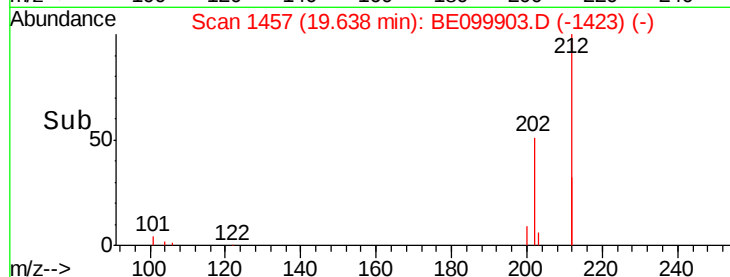
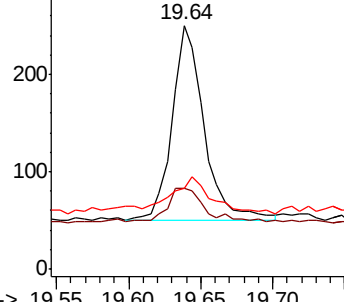
203 23.2 14.0 21.0#



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: 0.586 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

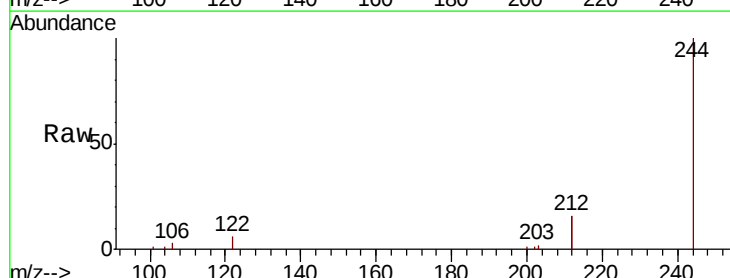
Tgt Ion:244 Resp: 9365

Ion Ratio Lower Upper

244 100

212 31.4 25.7 38.5

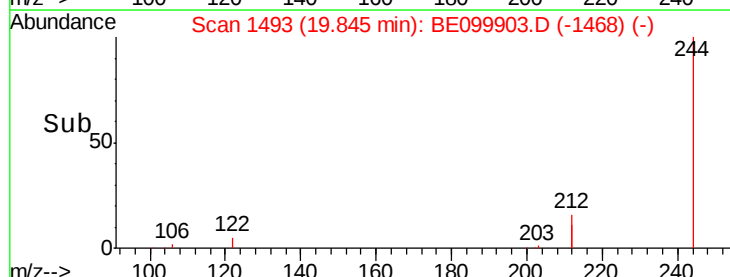
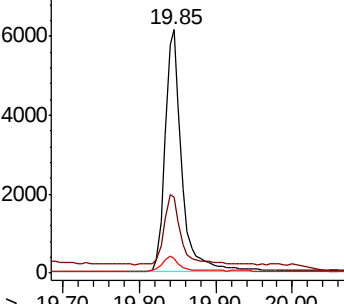
122 6.1 5.5 8.3

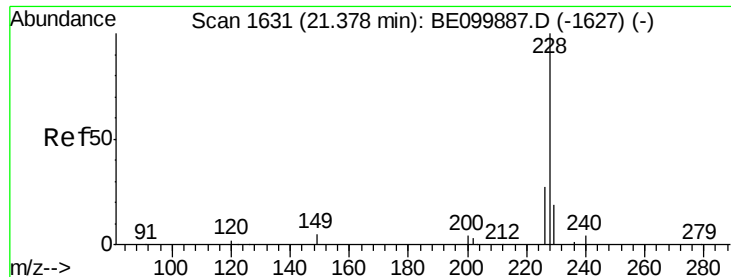


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.03 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

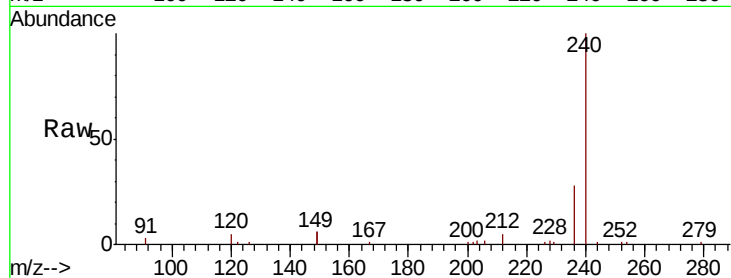
Tgt Ion:228 Resp: 52

Ion Ratio Lower Upper

228 100

226 77.8 22.5 33.7#

229 88.9 15.9 23.9#

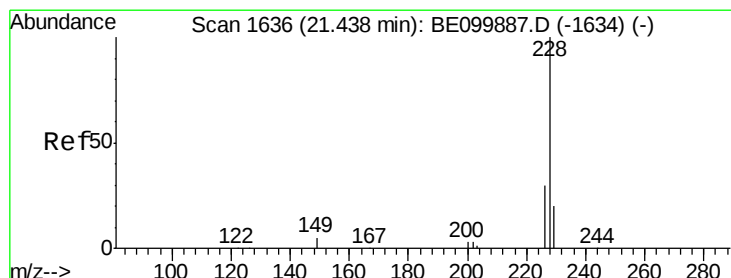
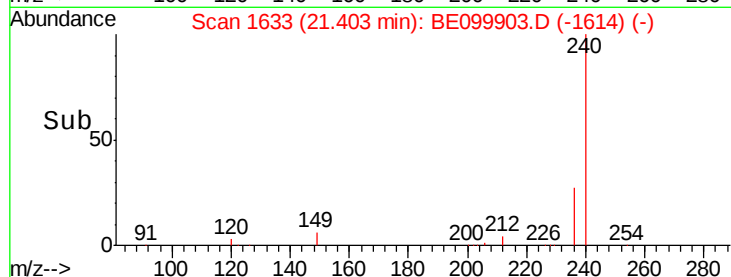
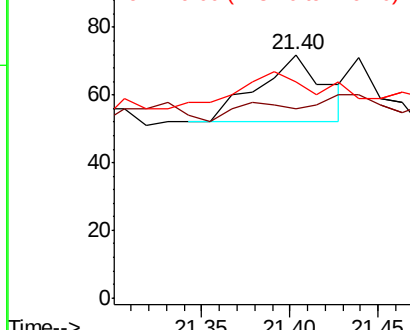


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.001 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

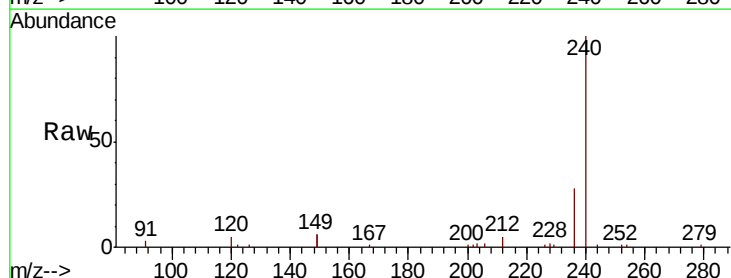
Tgt Ion:228 Resp: 17

Ion Ratio Lower Upper

228 100

226 77.8 24.1 36.1#

229 88.9 16.1 24.1#

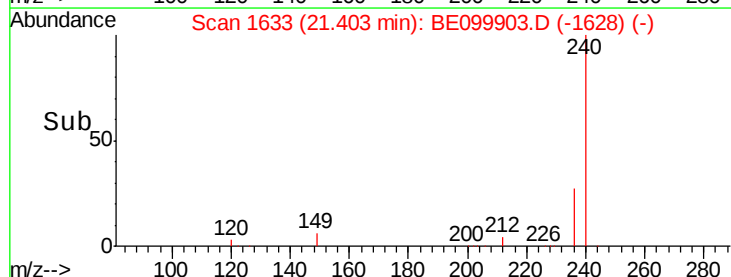
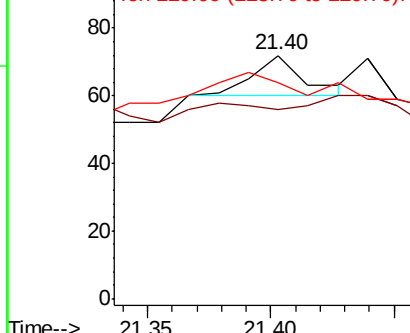


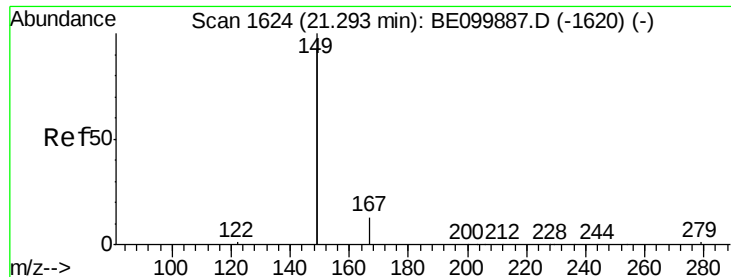
Abundance

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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.063 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

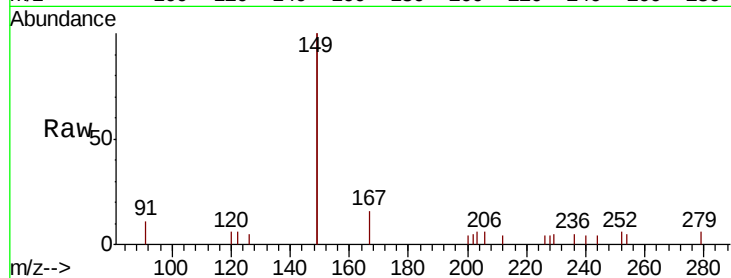
Tgt Ion:149 Resp: 2384

Ion Ratio Lower Upper

149 100

167 7.7 5.9 8.9

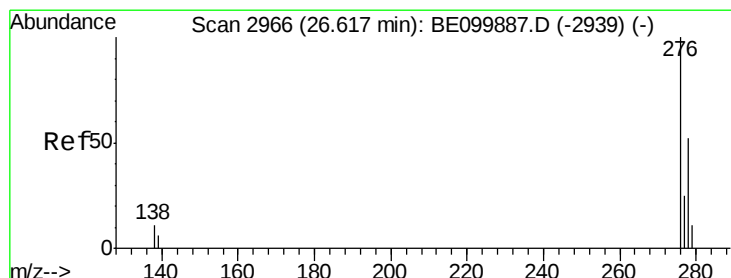
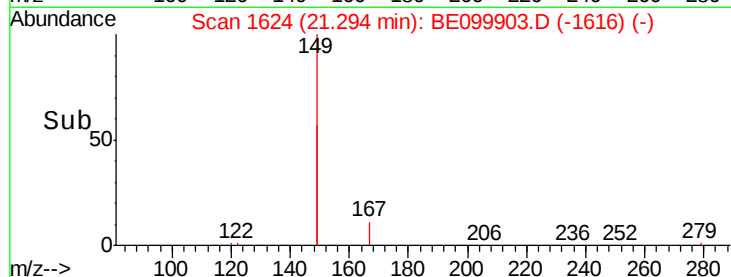
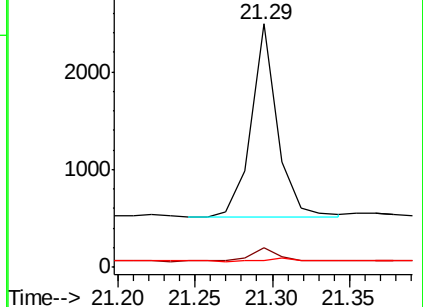
279 1.9 1.2 1.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.62 min Scan# 2968

Delta R.T. 0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

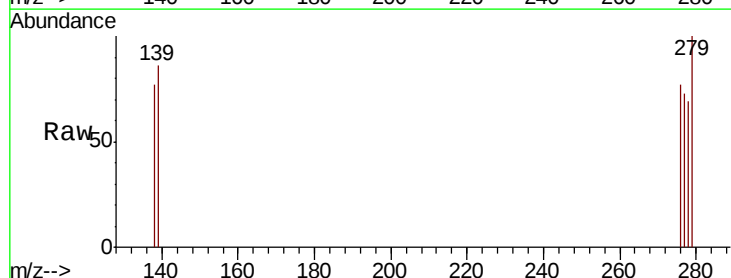
Tgt Ion:276 Resp: 6

Ion Ratio Lower Upper

276 100

138 50.0 10.1 15.1#

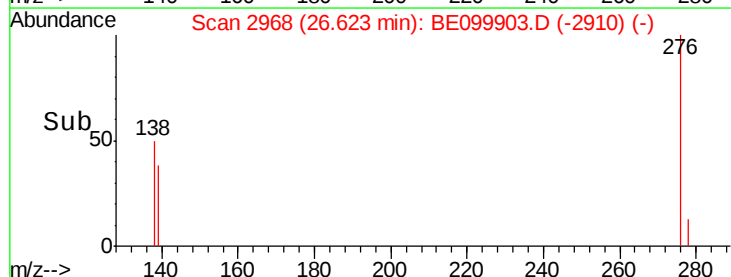
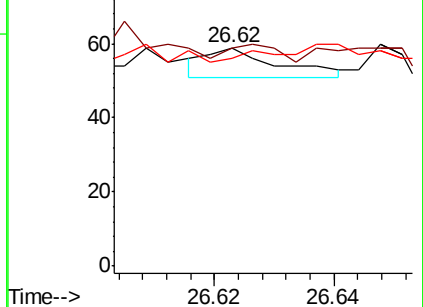
277 0.0 19.1 28.7#

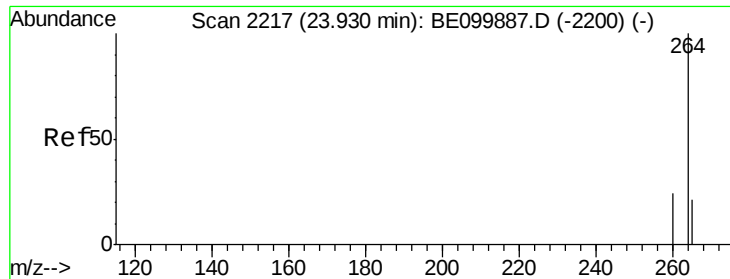


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

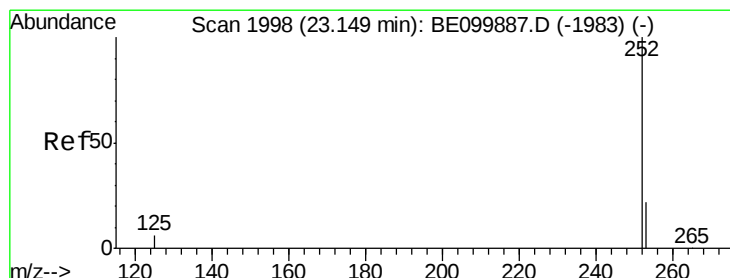
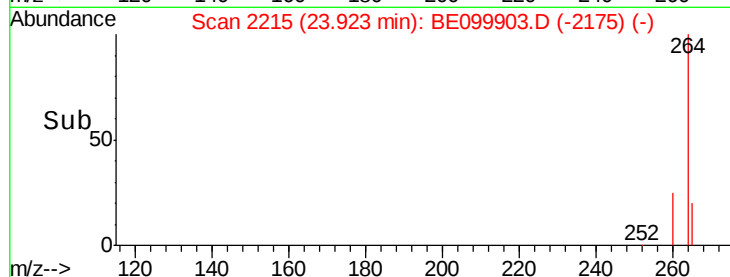
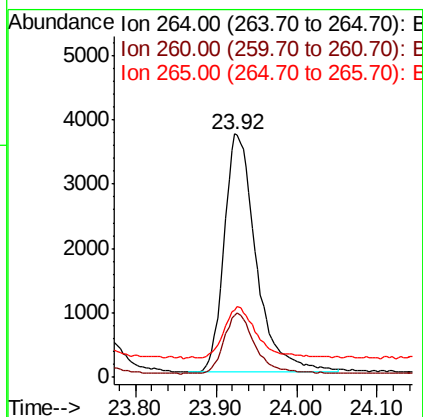
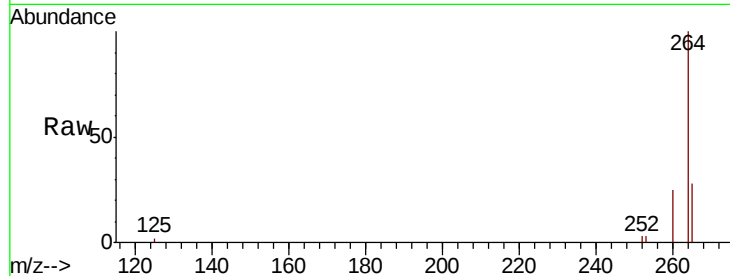




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

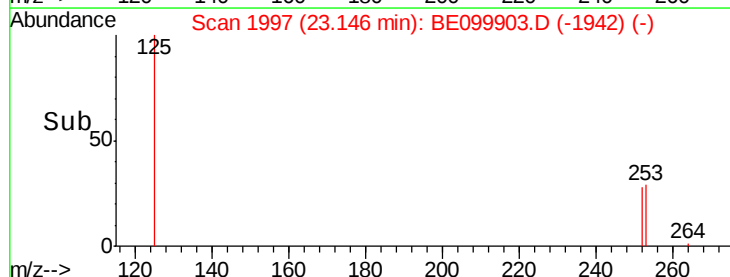
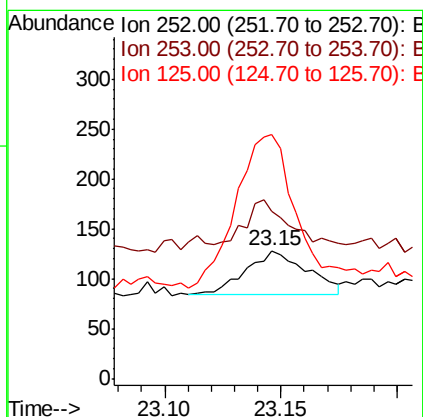
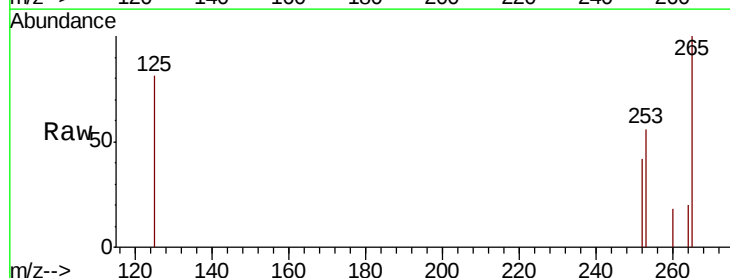
Instrument :
 BNA_E
 ClientSampleId :
 DUP02-20190605

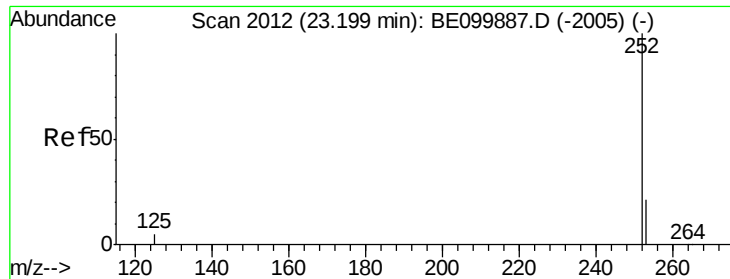
Tgt Ion: 264 Resp: 10215
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.2
 265 27.5 22.0 33.0



#35
 Benzo(b)fluoranthene
 Concen: 0.003 ng
 RT: 23.15 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BE099903.D
 Acq: 10 Jun 2019 22:55

Tgt Ion: 252 Resp: 80
 Ion Ratio Lower Upper
 252 100
 253 131.3 18.7 28.1#
 125 190.6 5.7 8.5#





#36

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.05 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

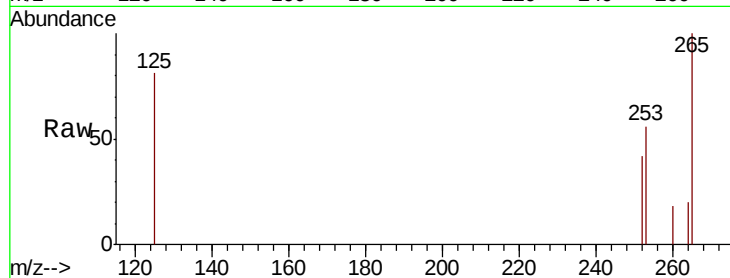
Tgt Ion: 252 Resp: 80

Ion Ratio Lower Upper

252 100

253 131.3 18.6 28.0#

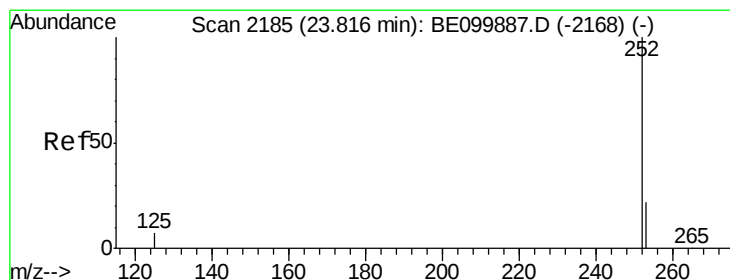
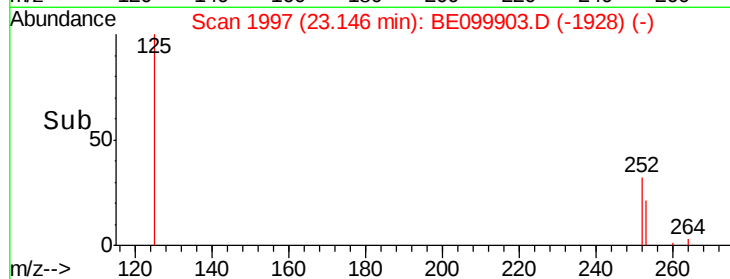
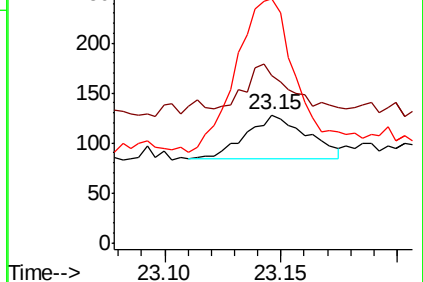
125 190.6 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 23.82 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

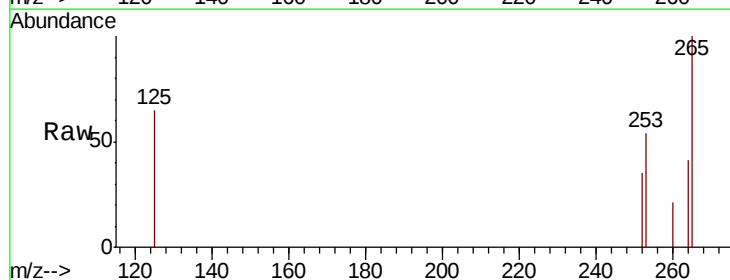
Tgt Ion: 252 Resp: 40

Ion Ratio Lower Upper

252 100

253 155.5 19.6 29.4#

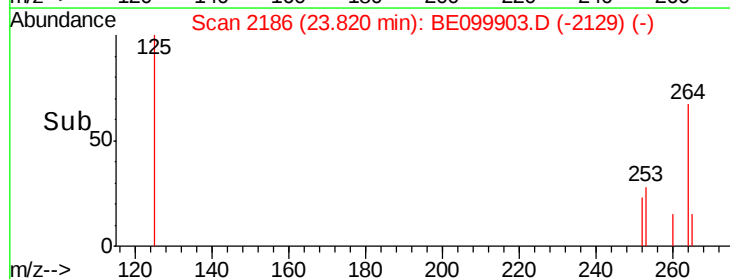
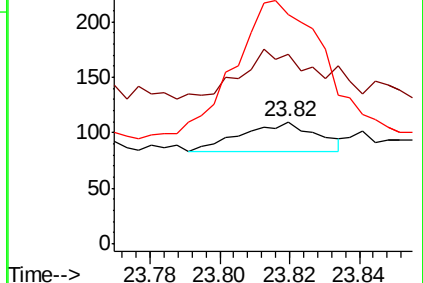
125 188.2 6.6 10.0#

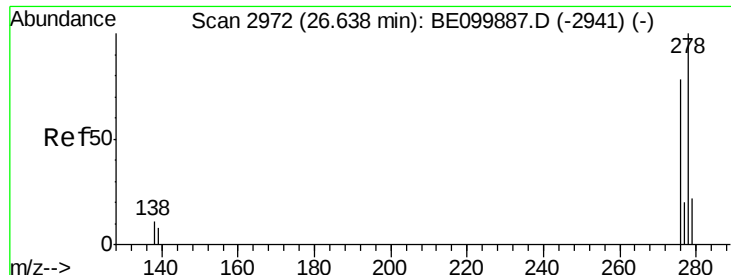


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.63 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

Instrument :

BNA_E

ClientSampleId :

DUP02-20190605

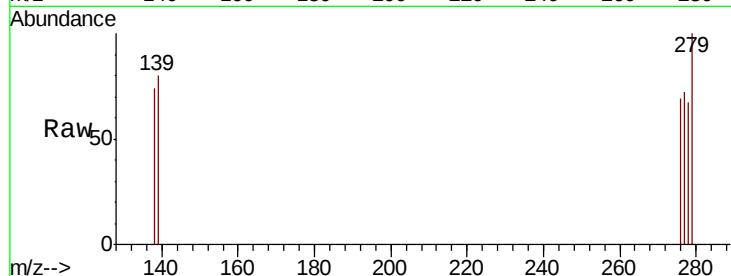
Tgt Ion: 278 Resp: 1

Ion Ratio Lower Upper

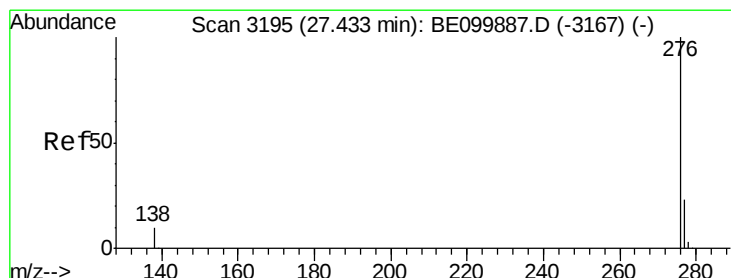
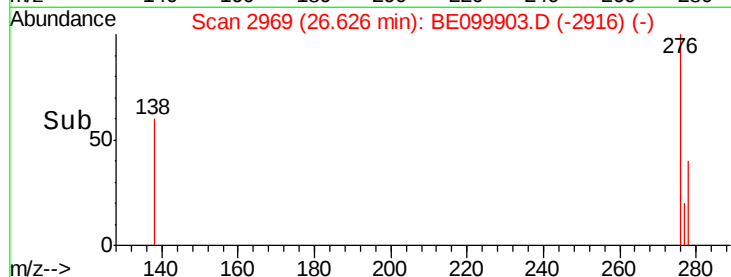
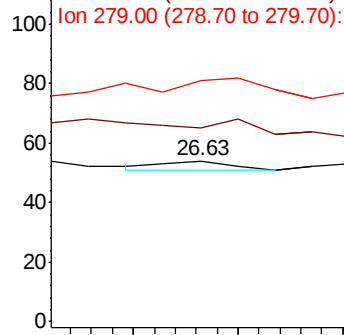
278 100

139 120.4 7.8 11.8#

279 150.0 20.0 30.0#



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(g,h,i)perylene

Concen: 0.000 ng

RT: 27.42 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BE099903.D

Acq: 10 Jun 2019 22:55

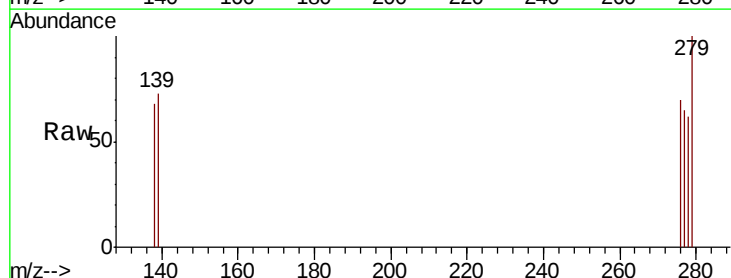
Tgt Ion: 276 Resp: 5

Ion Ratio Lower Upper

276 100

277 93.0 19.5 29.3#

138 98.2 9.5 14.3#



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

