

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099568.D
 Acq On : 7 May 2019 16:48
 Operator : JU/SJ
 Sample : PB119482BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119482BL

Quant Time: May 08 01:36:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1808	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6114	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4334	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12599	0.40	ng	0.00
27) Chrysene-d12	21.43	240	17201	0.40	ng	0.00
34) Perylene-d12	23.98	264	20818	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1631	0.33	ng	0.00
5) Phenol-d6	6.99	99	2198	0.33	ng	0.00
8) Nitrobenzene-d5	8.99	82	1633	0.28	ng	0.01
11) 2-Methylnaphthalene-d10	12.24	152	3294	0.31	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	688	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	5085	0.31	ng	0.00
25) Fluoranthene-d10	19.28	212	55125	0.32	ng	0.00
29) Terphenyl-d14	19.87	244	11638	0.37	ng	0.00

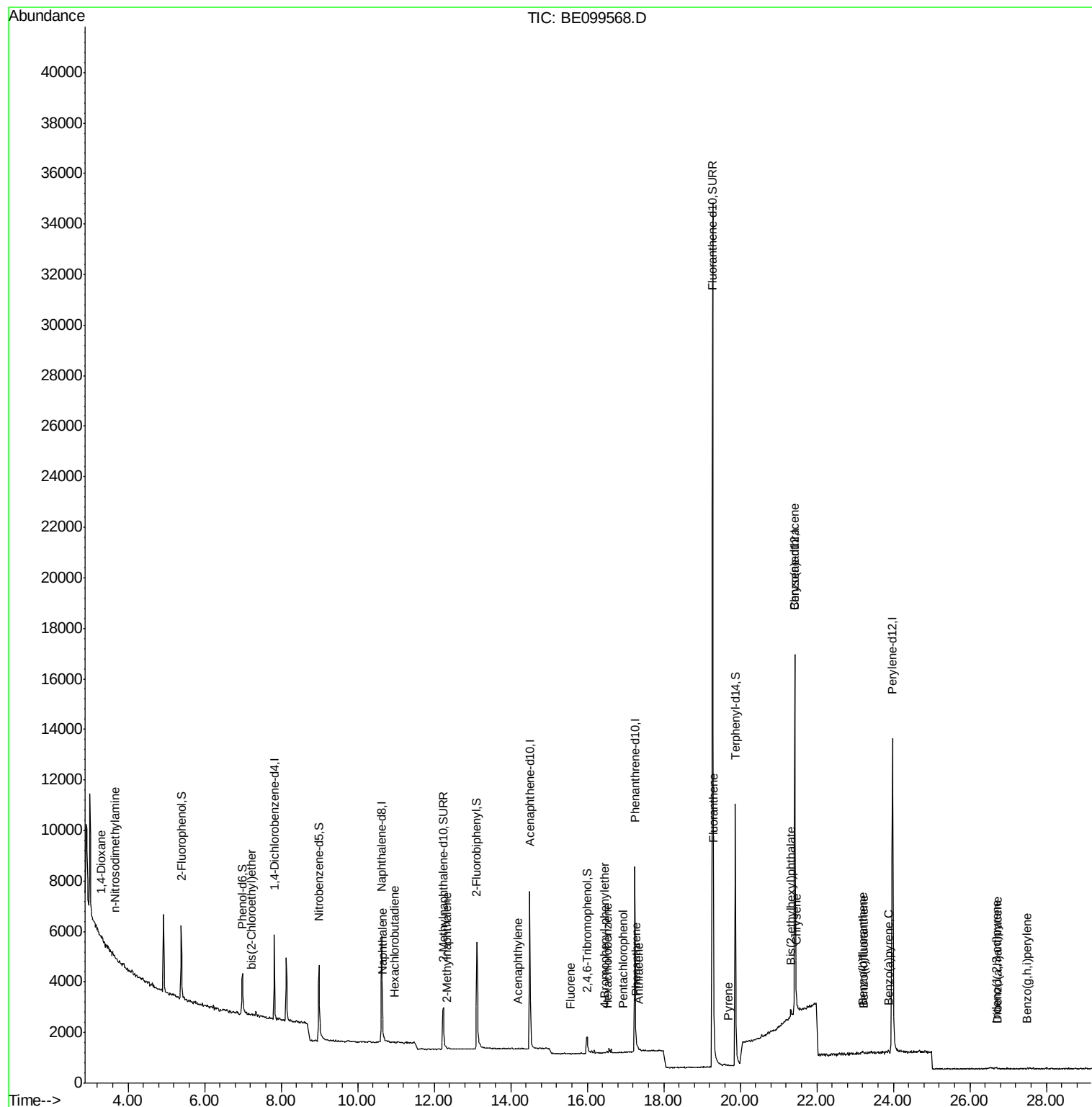
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	88	0.034	ng	# 74
3) n-Nitrosodimethylamine	3.66	42	61	0.036	ng	# 1
6) bis(2-Chloroethyl)ether	7.22	93	33	0.006	ng	# 1
9) Naphthalene	10.65	128	56	0.001	ng	# 42
10) Hexachlorobutadiene	10.95	225	2	0.000	ng	# 1
12) 2-Methylnaphthalene	12.34	142	8	0.001	ng	# 44
16) Acenaphthylene	14.20	152	31	0.001	ng	# 68
18) Fluorene	15.57	166	4	0.000	ng	# 9
20) 4-Bromophenyl-phenylether	16.45	248	5	0.001	ng	# 62
21) Hexachlorobenzene	16.53	284	6	0.001	ng	# 1
22) Pentachlorophenol	16.93	266	17	0.006	ng	# 70
23) Phenanthrene	17.28	178	12	0.000	ng	# 1
24) Anthracene	17.34	178	15	0.001	ng	# 1
26) Fluoranthene	19.30	202	26	0.001	ng	# 68
28) Pyrene	19.68	202	24	0.001	ng	# 60
30) Benzo(a)anthracene	21.43	228	121	0.002	ng	# 1
31) Chrysene	21.46	228	43	0.001	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.32	149	1013	0.012	ng	# 91
33) Indeno(1,2,3-cd)pyrene	26.69	276	20	0.000	ng	# 34
35) Benzo(b)fluoranthene	23.20	252	82	0.001	ng	# 1
36) Benzo(k)fluoranthene	23.23	252	18	0.000	ng	# 1
37) Benzo(a)pyrene	23.87	252	16	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.71	278	7	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.50	276	17	0.000	ng	# 1

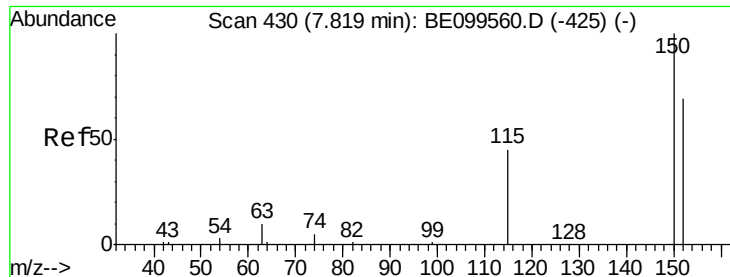
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:10:11 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

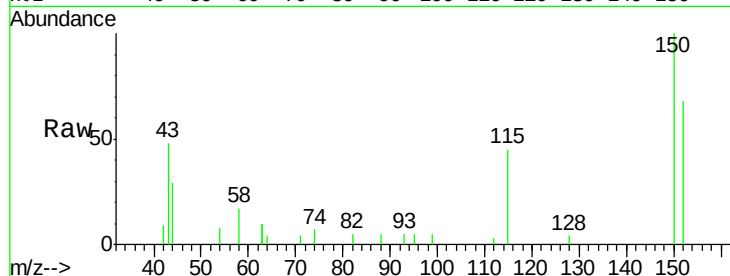
Tot Ion:152 Resp: 1808

Ion Ratio Lower Upper

152 100

150 147.5 113.8 170.6

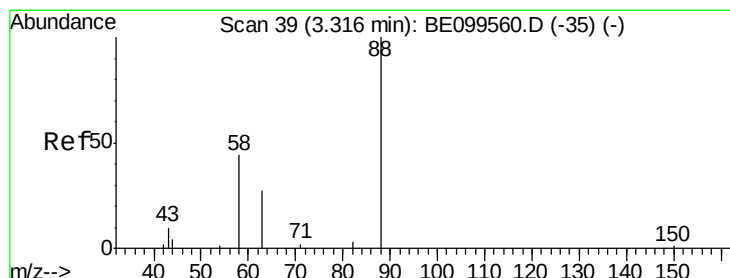
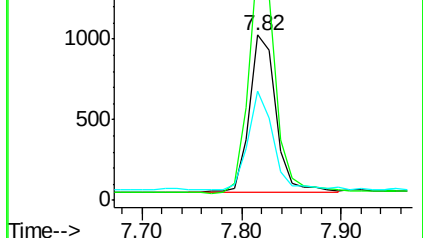
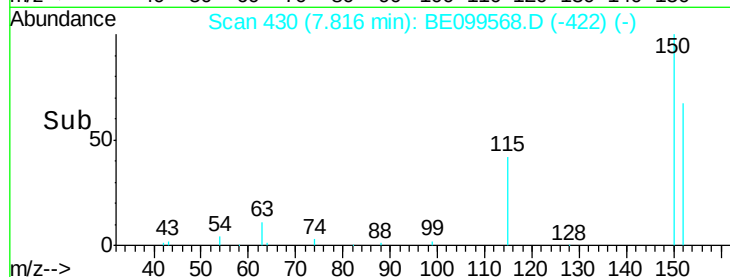
115 66.5 54.2 81.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.034 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

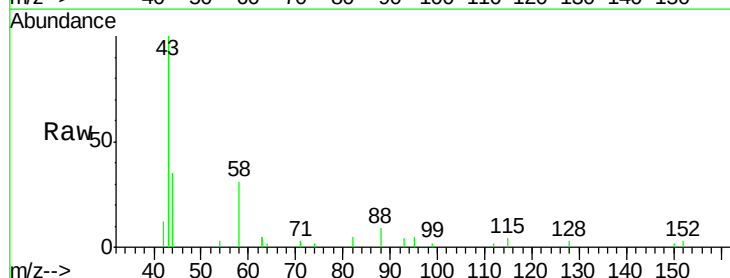
Tgt Ion: 88 Resp: 88

Ion Ratio Lower Upper

88 100

58 69.3 46.6 69.8

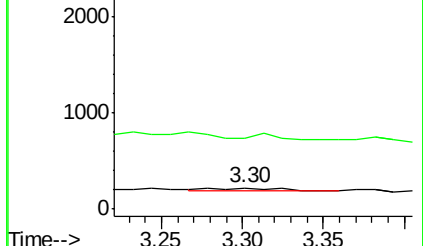
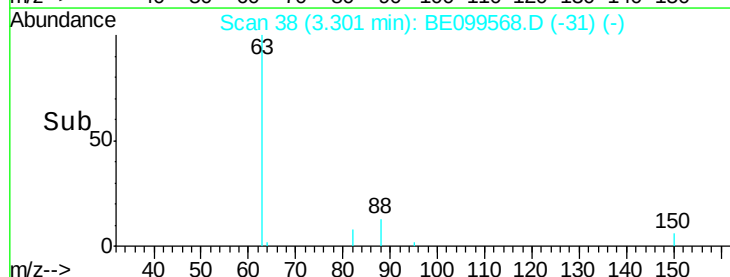
43 0.0 20.3 30.5#

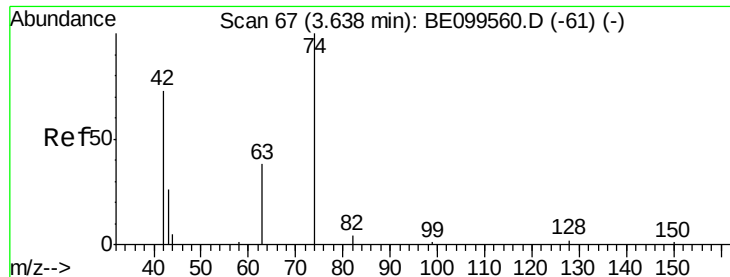


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



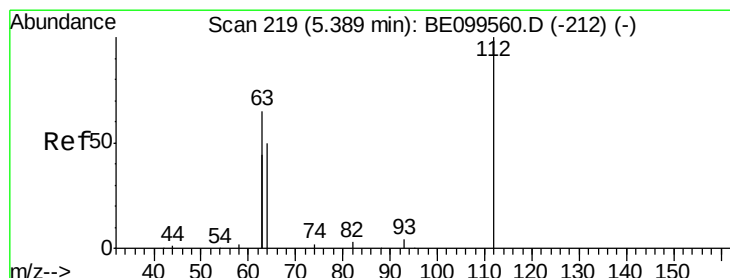
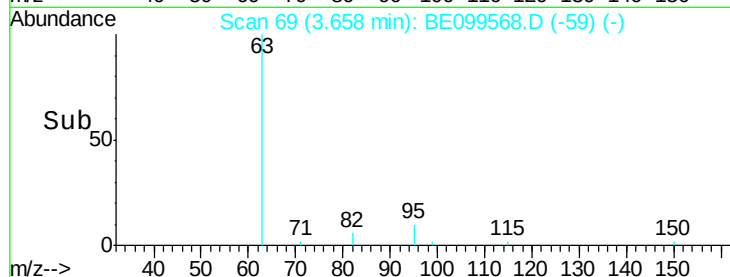
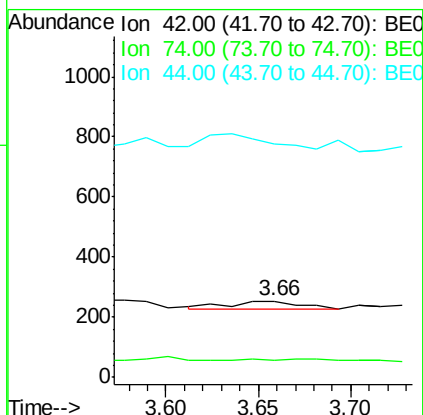
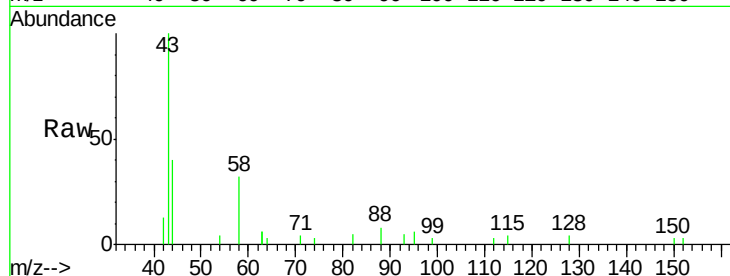


#3

n-Nitrosodimethylamine
 Concen: 0.036 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.02 min
 Lab File: BE099568.D
 Acq: 7 May 2019 16:48

Instrument :
 BNA_E
 ClientSampled :
 PB119482BL

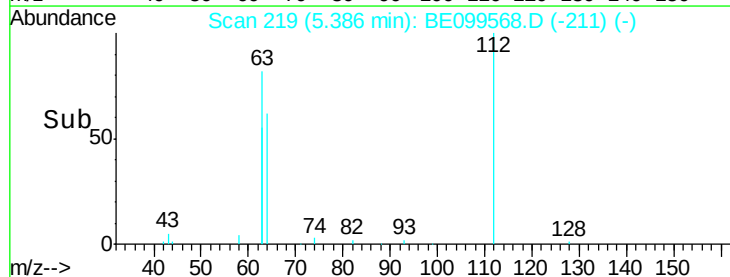
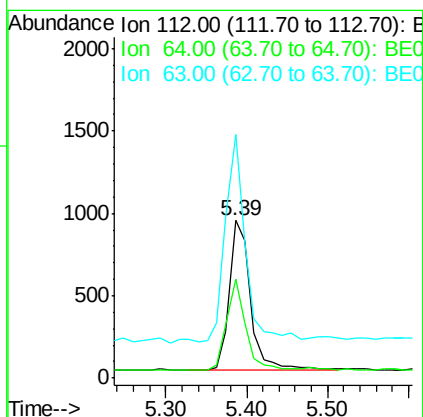
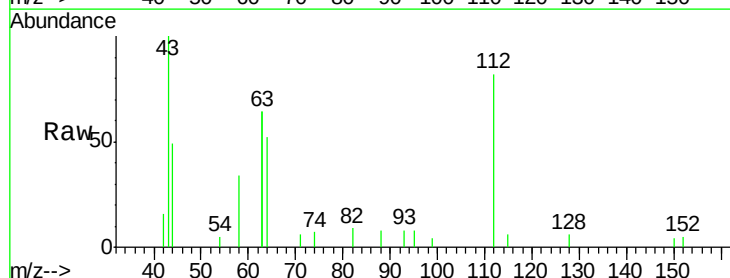
Tot Ion: 42 Resp: 61
 Ion Ratio Lower Upper
 42 100
 74 16.4 121.3 181.9#
 44 0.0 0.0 0.0

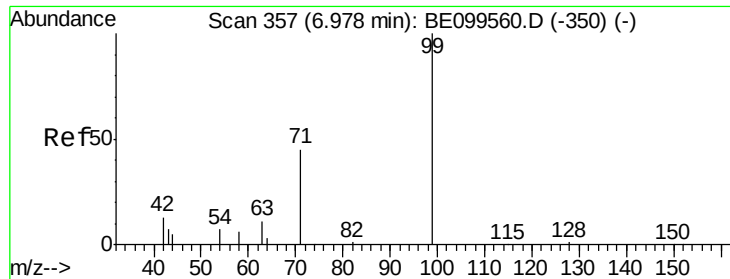


#4

2-Fluorophenol
 Concen: 0.325 ng
 RT: 5.39 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE099568.D
 Acq: 7 May 2019 16:48

Tgt Ion: 112 Resp: 1631
 Ion Ratio Lower Upper
 112 100
 64 53.5 46.3 69.5
 63 131.6 99.6 149.4





#5

Phenol-d6

Concen: 0.333 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

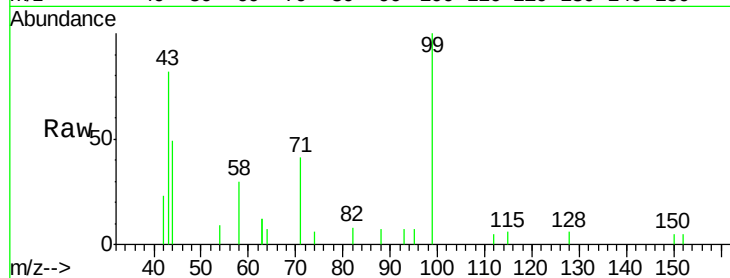
Tot Ion: 99 Resp: 2198

Ion Ratio Lower Upper

99 100

42 21.7 13.4 20.0#

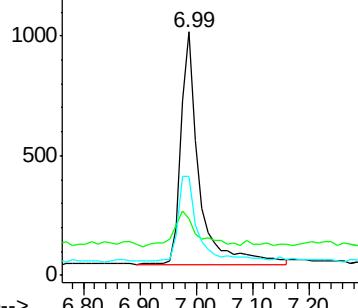
71 40.1 34.2 51.2



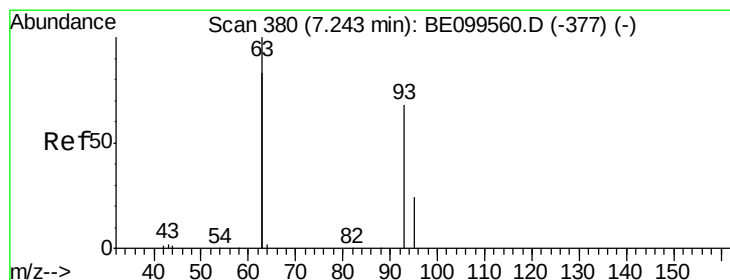
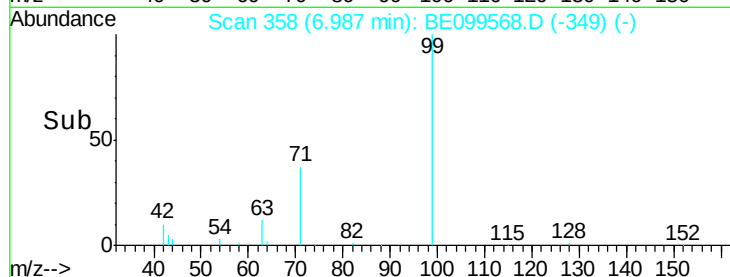
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.006 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.03 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

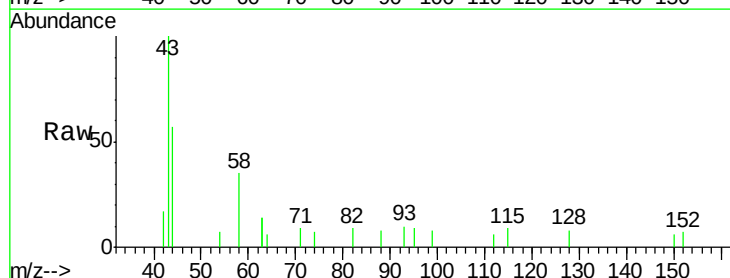
Tgt Ion: 93 Resp: 33

Ion Ratio Lower Upper

93 100

63 0.0 209.0 313.4#

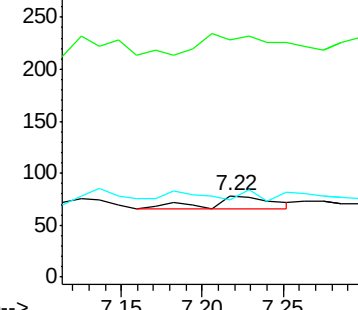
95 27.3 26.9 40.3



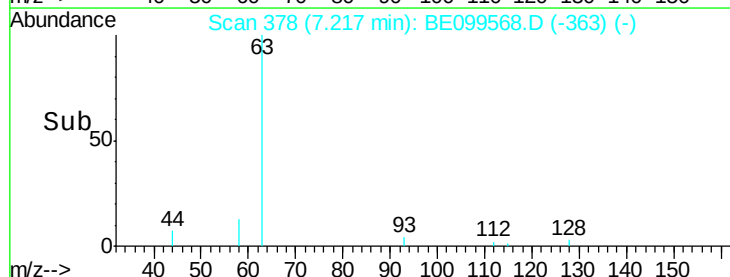
Abundance Ion 93.00 (92.70 to 93.70): BE0

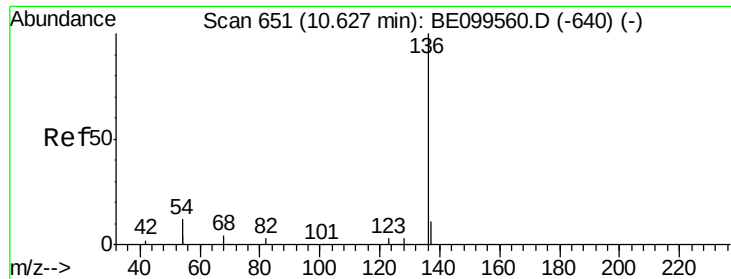
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

Tot Ion:136 Resp: 6114

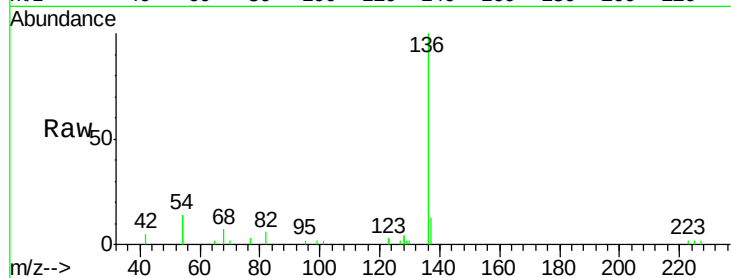
Ion Ratio Lower Upper

136 100

137 12.7 10.0 15.0

54 27.4 18.6 28.0

68 6.6 4.6 6.8

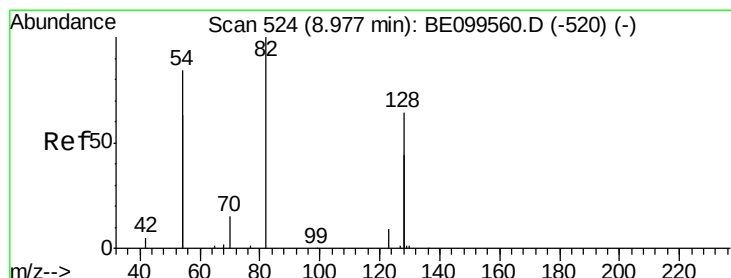
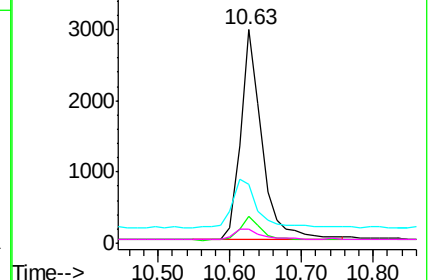
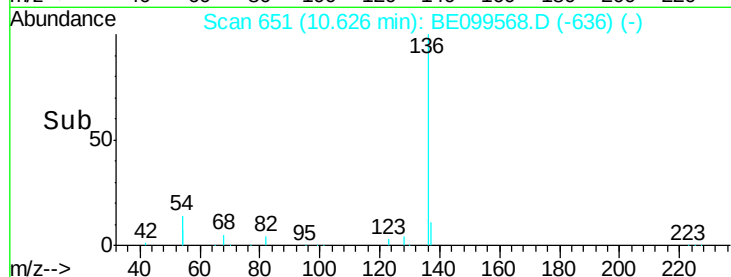


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.277 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

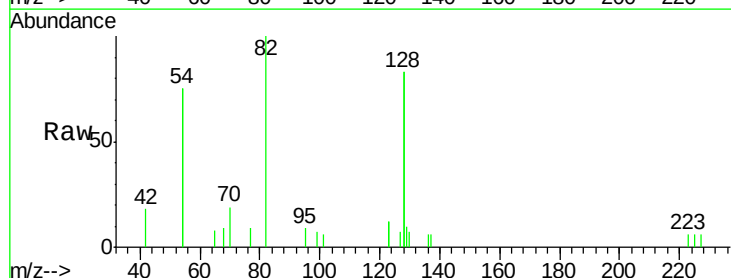
Tgt Ion: 82 Resp: 1633

Ion Ratio Lower Upper

82 100

128 166.3 97.6 146.4#

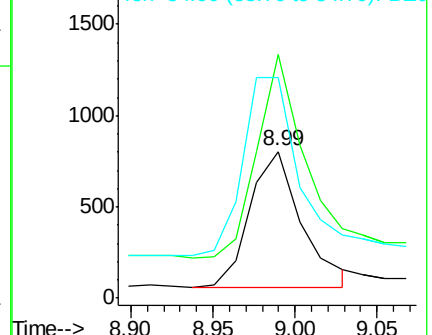
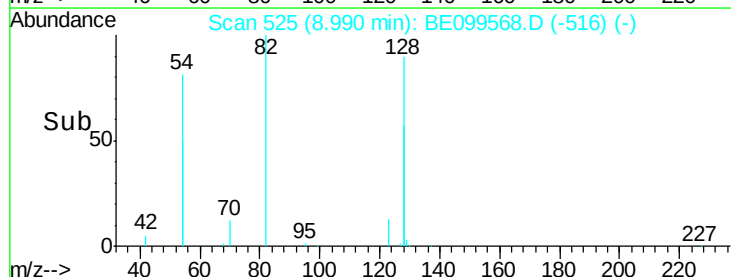
54 150.4 127.4 191.2

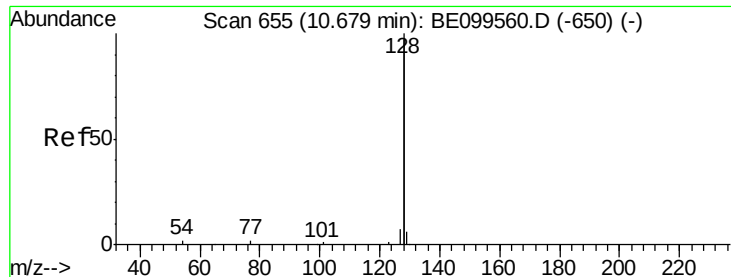


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.001 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

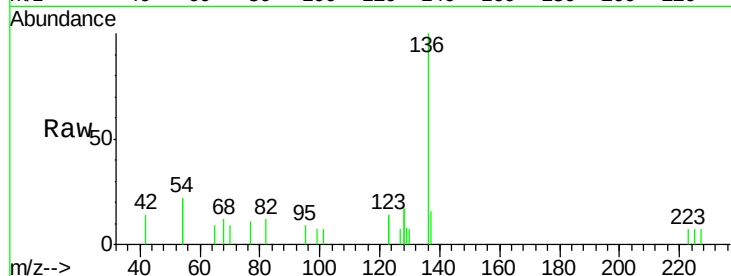
Tot Ion:128 Resp: 56

Ion Ratio Lower Upper

128 100

129 23.6 2.6 3.8#

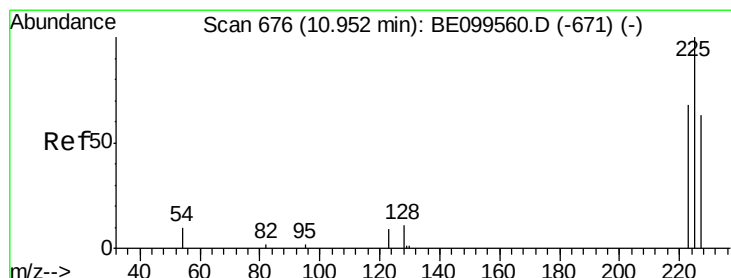
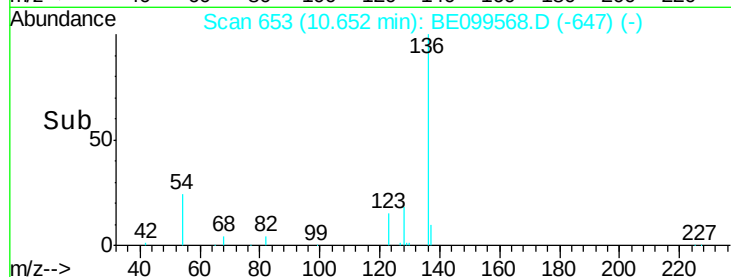
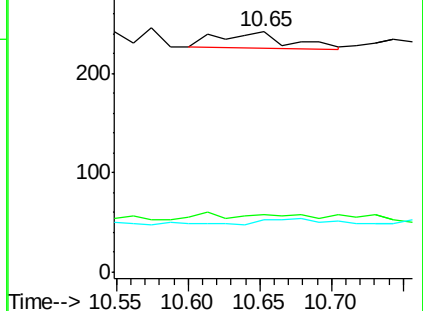
127 21.5 3.0 4.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.000 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

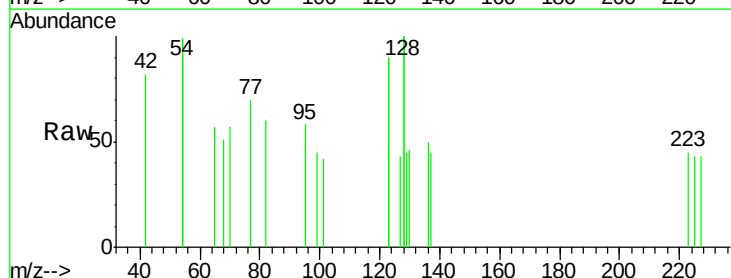
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 0.0 53.0 79.6#

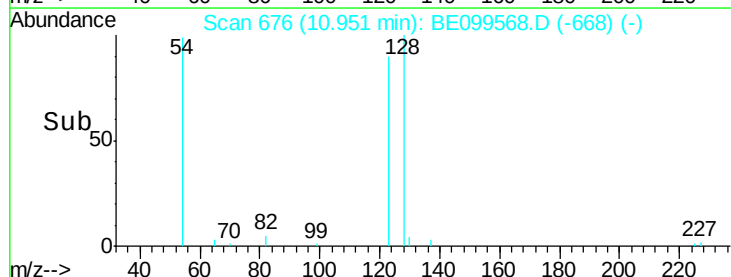
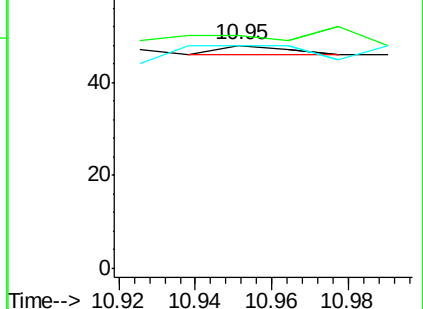
227 700.0 51.4 77.0#

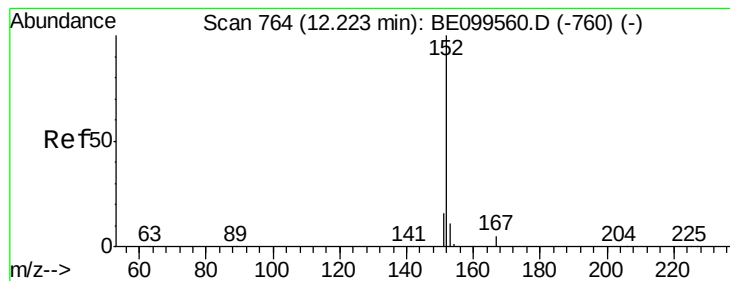


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

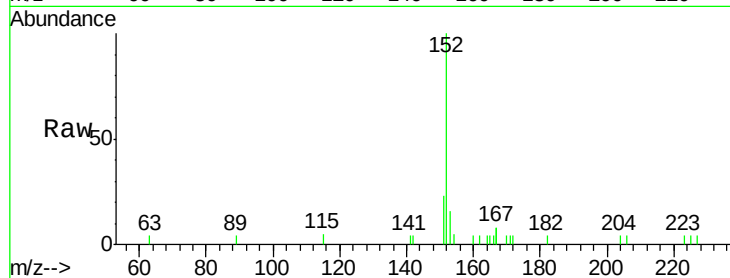
PB119482BL

Tot Ion:152 Resp: 3294

Ion Ratio Lower Upper

152 100

151 20.9 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1500

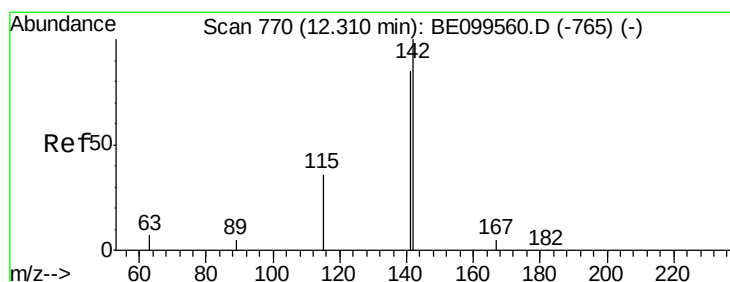
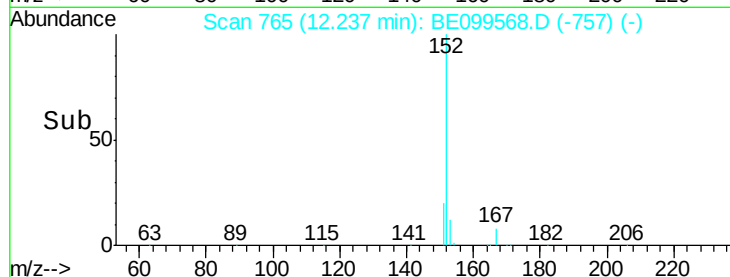
12.24

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.03 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

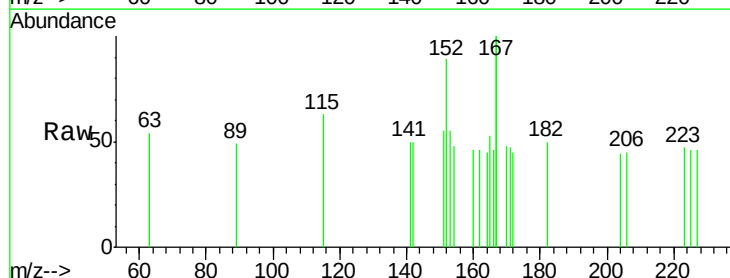
Tgt Ion:142 Resp: 8

Ion Ratio Lower Upper

142 100

141 100.0 68.1 102.1

115 125.5 30.8 46.2#



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

80

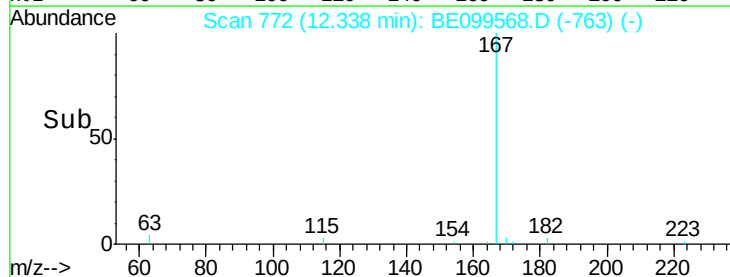
60

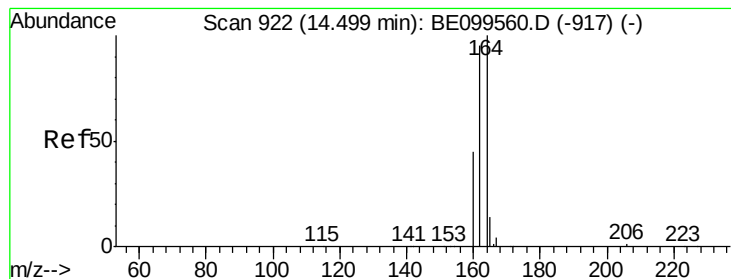
40

20

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

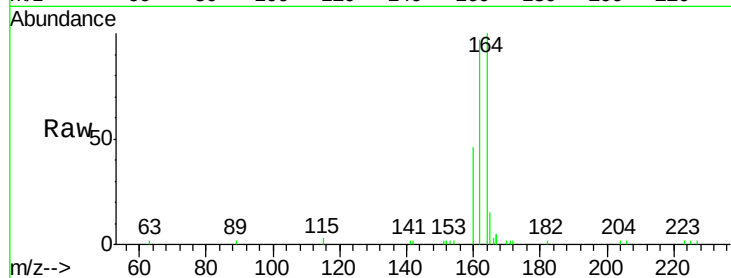
Tot Ion:164 Resp: 4334

Ion Ratio Lower Upper

164 100

162 96.8 76.4 114.6

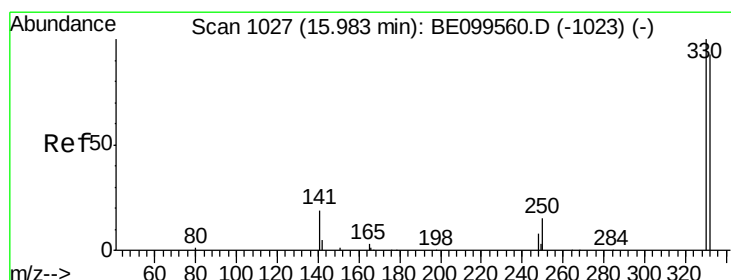
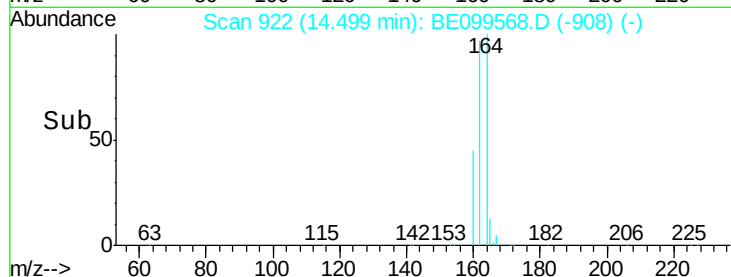
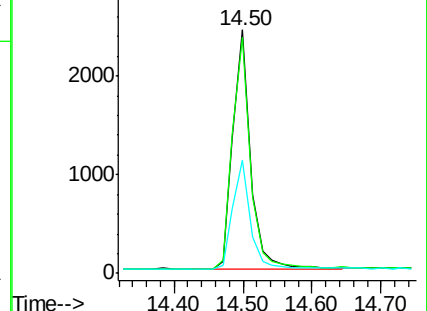
160 46.4 36.6 55.0



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: 0.238 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

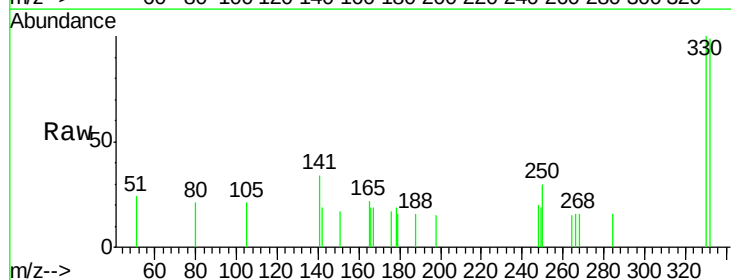
Tgt Ion:330 Resp: 688

Ion Ratio Lower Upper

330 100

332 97.7 77.7 116.5

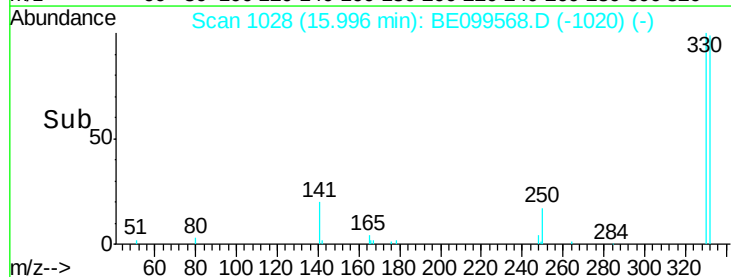
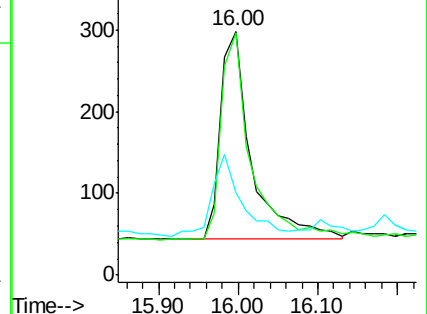
141 37.1 26.1 39.1

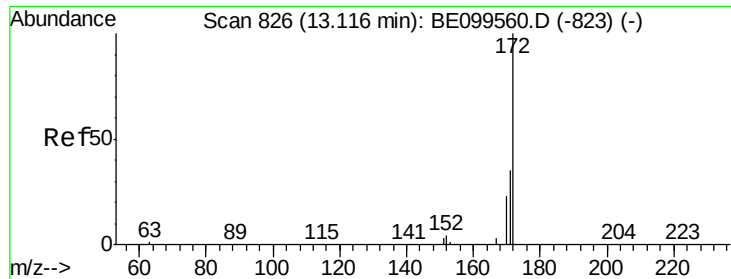


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

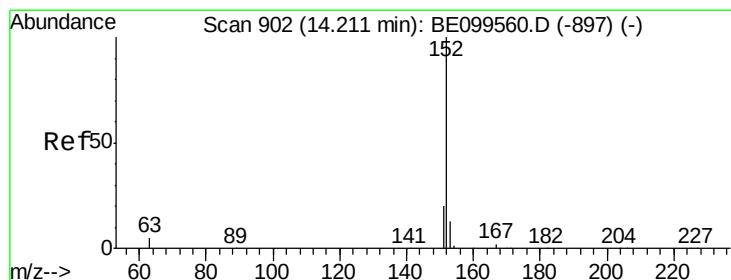
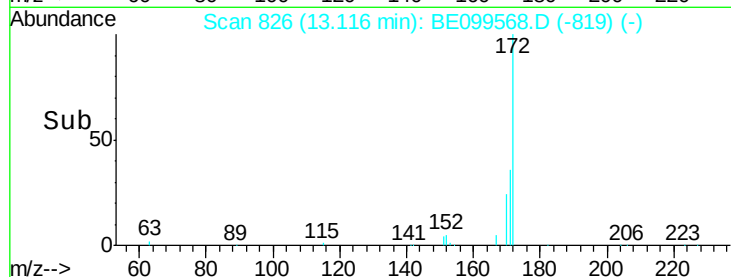
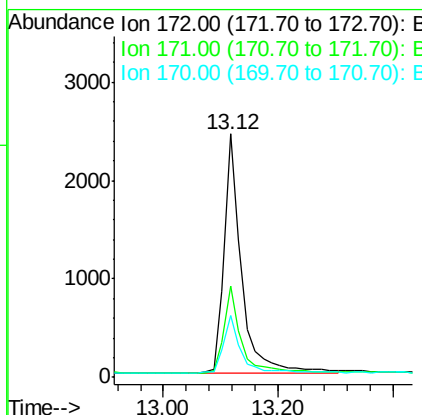
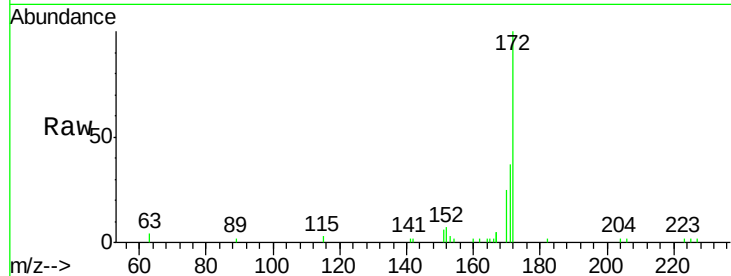




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099568.D
Acq: 7 May 2019 16:48

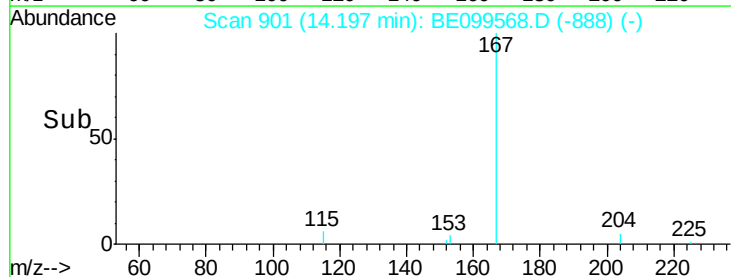
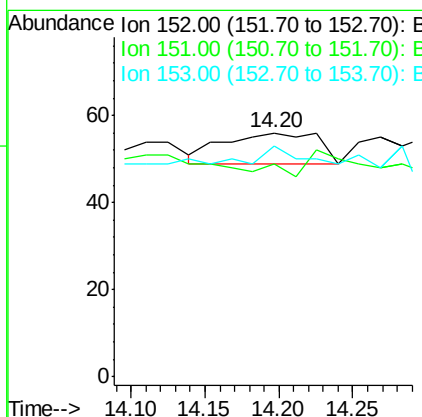
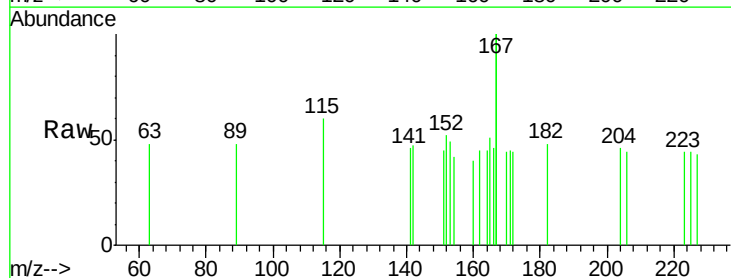
Instrument :
BNA_E
ClientSampleId :
PB119482BL

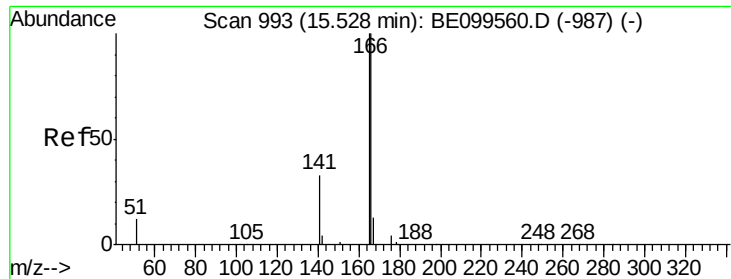
Tot Ion:172 Resp: 5085
Ion Ratio Lower Upper
172 100
171 37.3 28.4 42.6
170 25.5 18.8 28.2



#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099568.D
Acq: 7 May 2019 16:48

Tgt Ion:152 Resp: 31
Ion Ratio Lower Upper
152 100
151 0.0 15.8 23.8#
153 19.4 10.5 15.7#

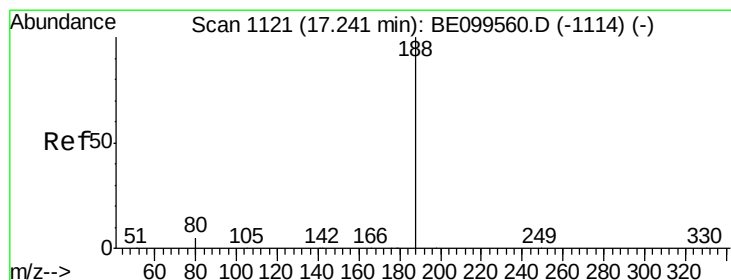
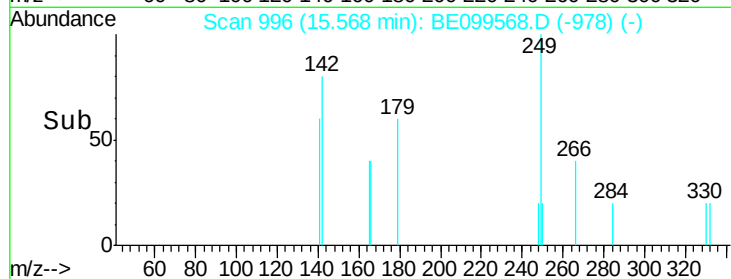
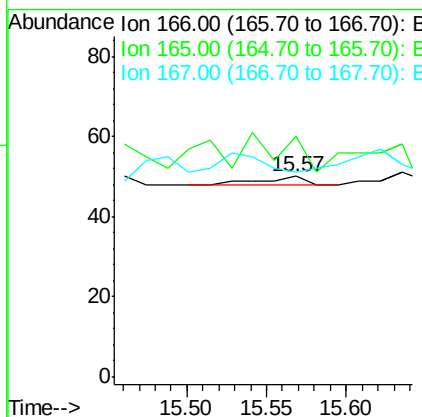
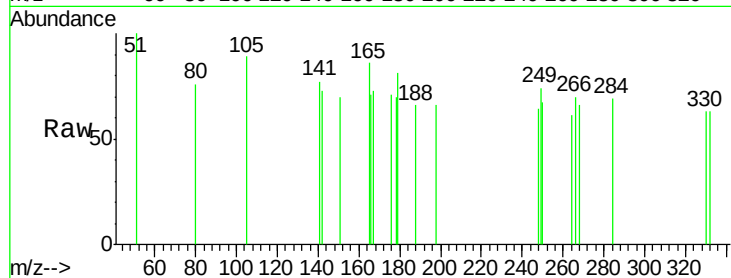




#18
 Fluorene
 Concen: 0.000 ng
 RT: 15.57 min Scan# 996
 Delta R.T. 0.04 min
 Lab File: BE099568.D
 Acq: 7 May 2019 16:48

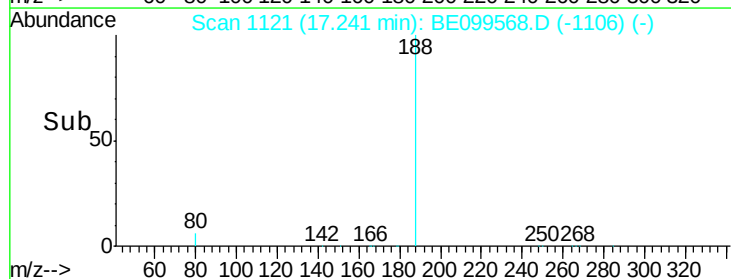
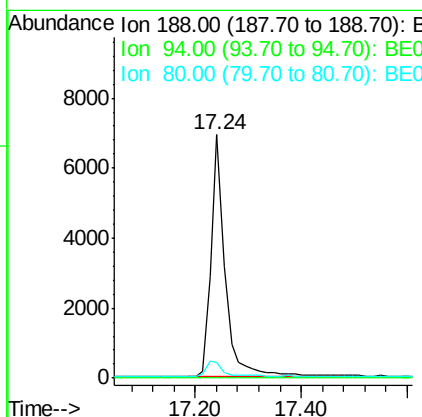
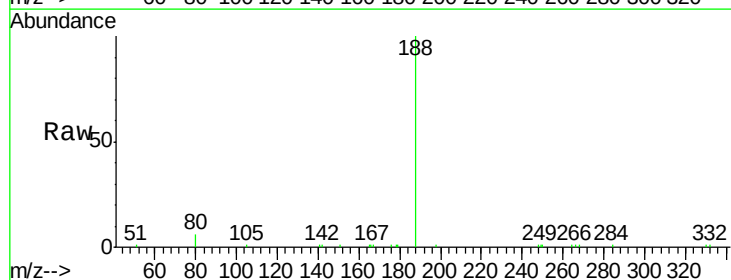
Instrument :
 BNA_E
 ClientSampleId :
 PB119482BL

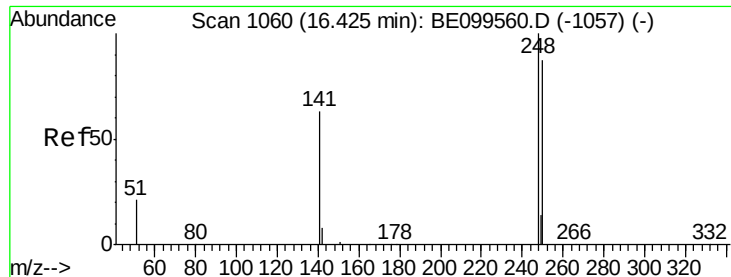
Tot Ion:166 Resp: 4
 Ion Ratio Lower Upper
 166 100
 165 0.0 79.0 118.6#
 167 0.0 11.5 17.3#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.24 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BE099568.D
 Acq: 7 May 2019 16:48

Tgt Ion:188 Resp: 12599
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 6.4 4.6 7.0

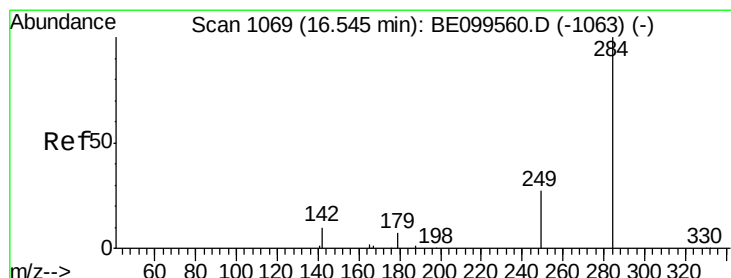
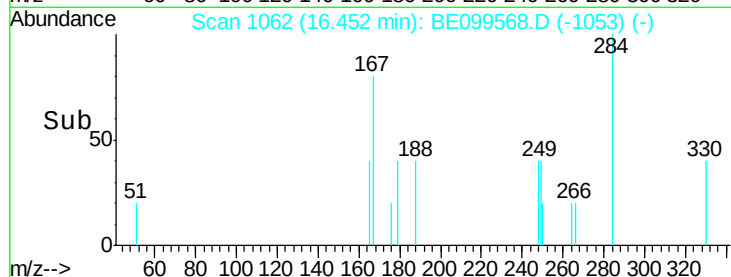
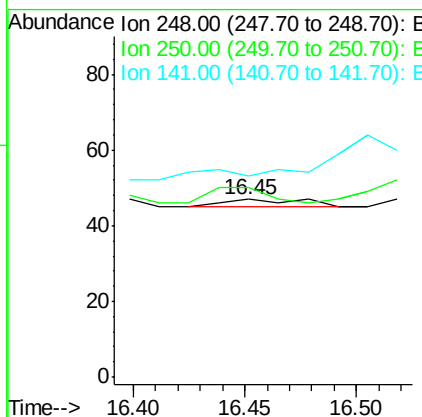
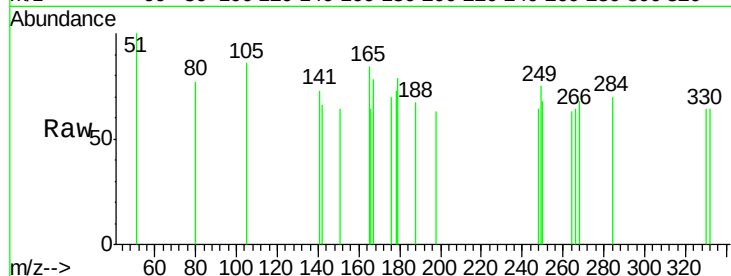




#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.45 min Scan# 1062
Delta R.T. 0.03 min
Lab File: BE099568.D
Acq: 7 May 2019 16:48

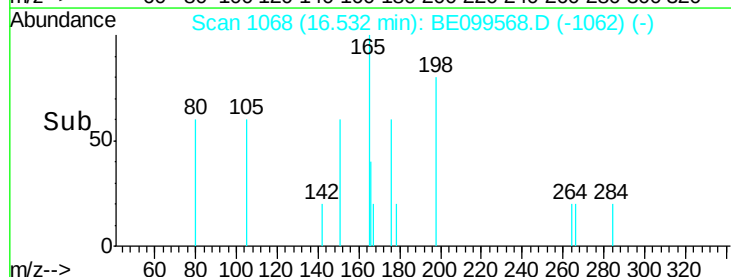
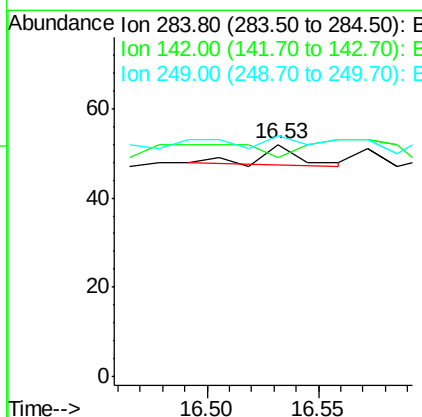
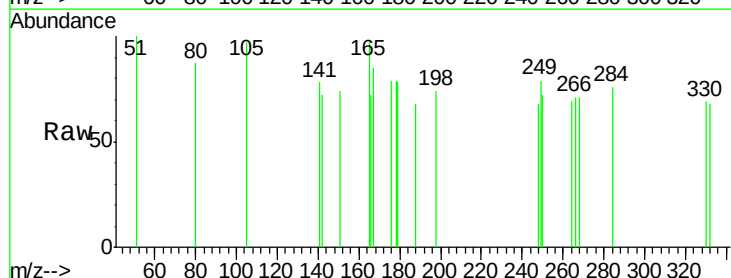
Instrument :
BNA_E
ClientSampleId :
PB119482BL

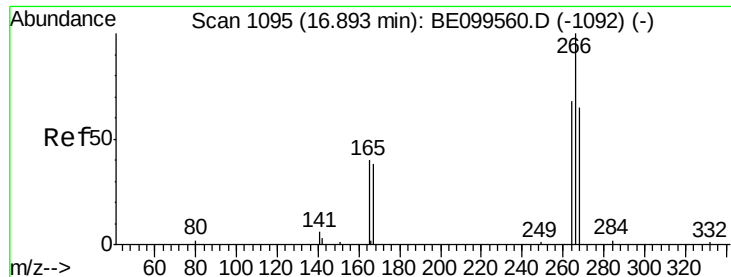
Tot Ion:248 Resp: 5
Ion Ratio Lower Upper
248 100
250 106.4 70.0 105.0#
141 112.8 51.8 77.8#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE099568.D
Acq: 7 May 2019 16:48

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 0.0 19.5 29.3#
249 166.7 26.2 39.2#





#22

Pentachlorophenol

Concen: 0.006 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.04 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

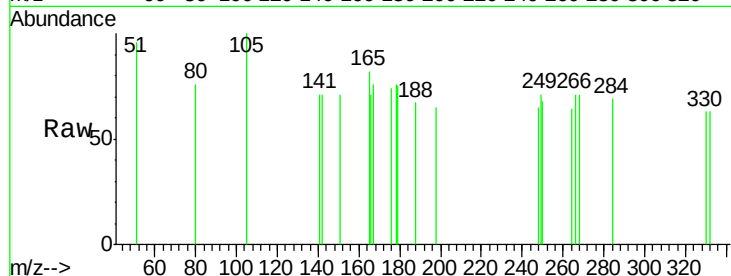
Tot Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 90.2 56.6 84.8#

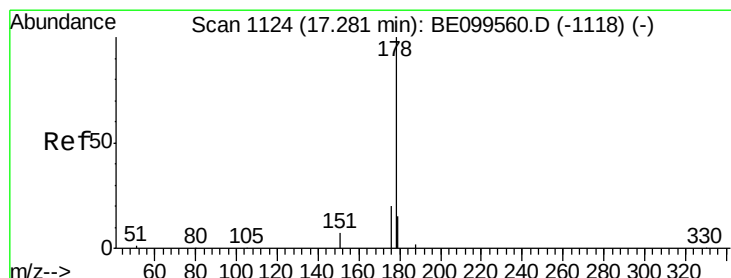
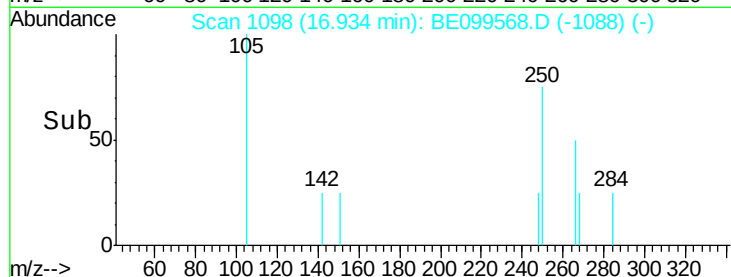
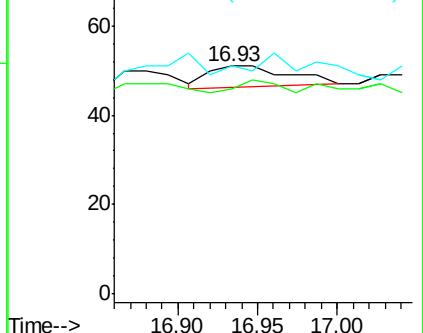
268 100.0 55.8 83.8#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 0.000 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

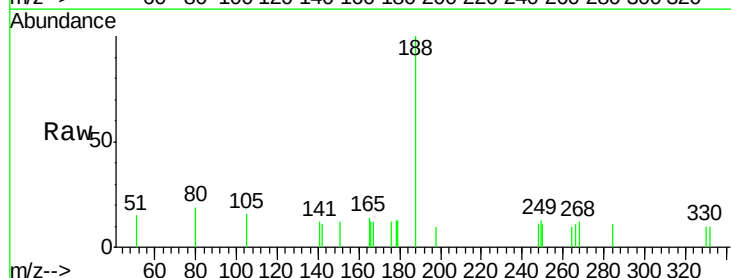
Tgt Ion:178 Resp: 12

Ion Ratio Lower Upper

178 100

176 100.0 15.8 23.6#

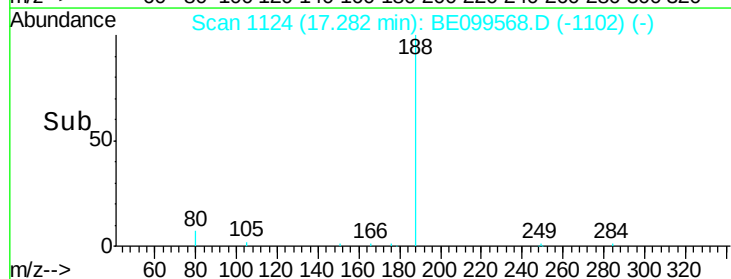
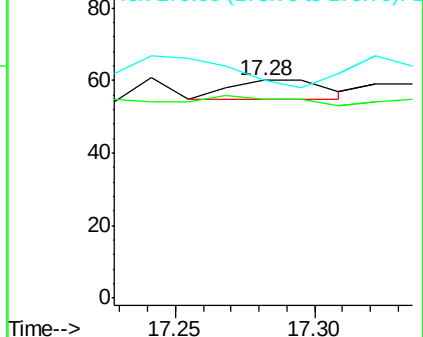
179 0.0 12.5 18.7#

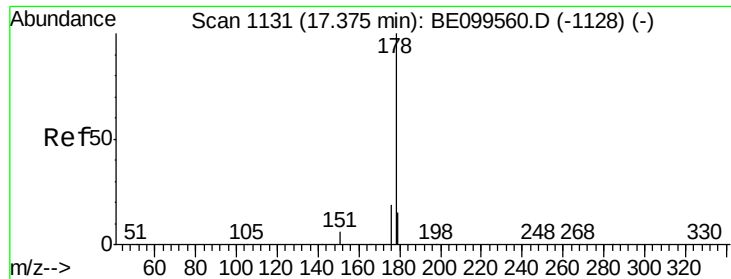


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.001 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.04 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

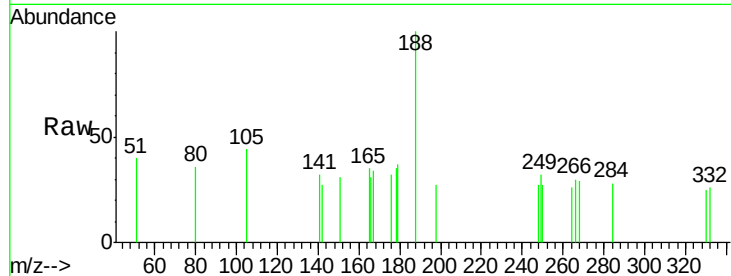
Tot Ion:178 Resp: 15

Ion Ratio Lower Upper

178 100

176 0.0 15.3 22.9#

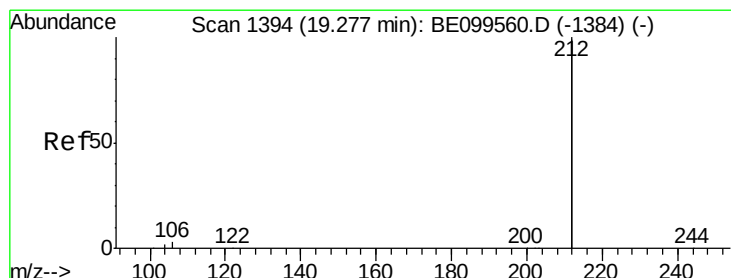
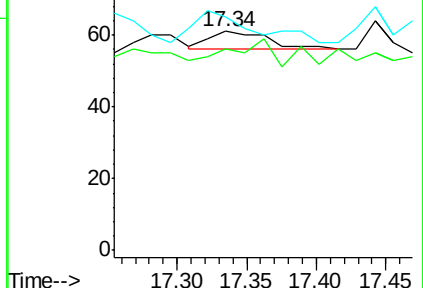
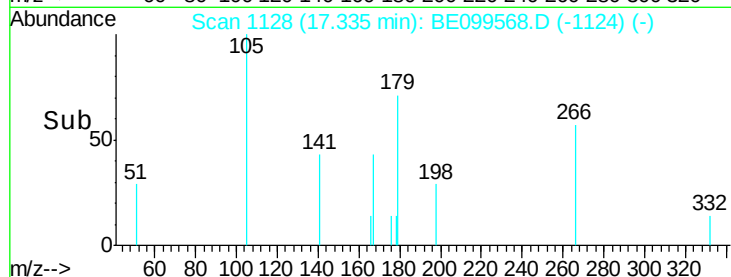
179 146.7 12.2 18.4#



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: 0.325 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

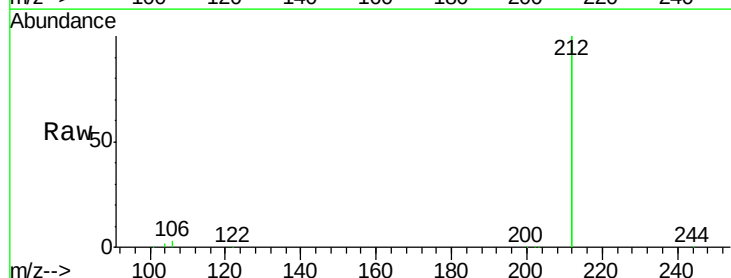
Tgt Ion:212 Resp: 55125

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

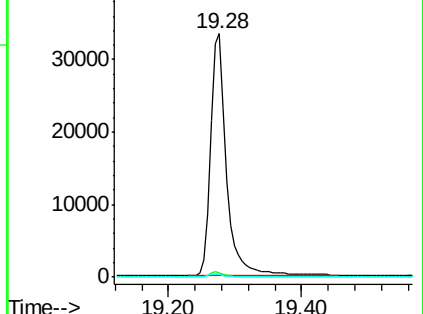
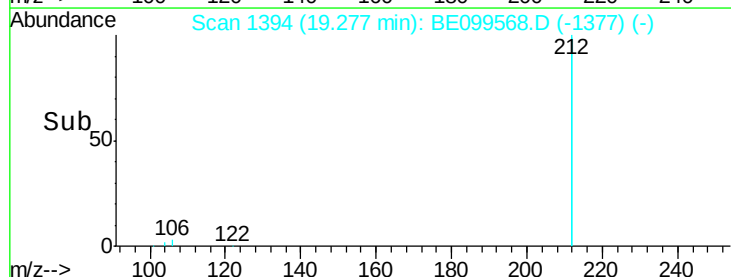
104 1.0 0.8 1.2

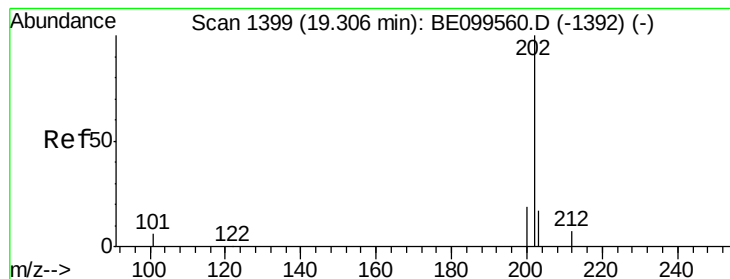


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.001 ng

RT: 19.30 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

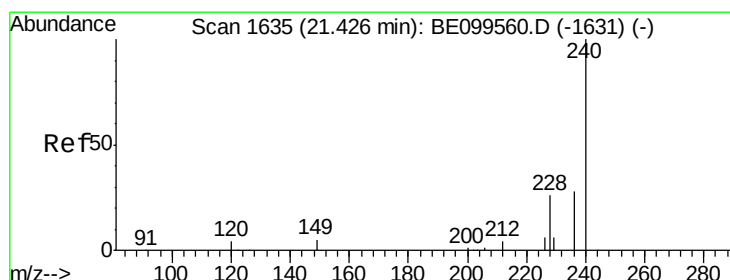
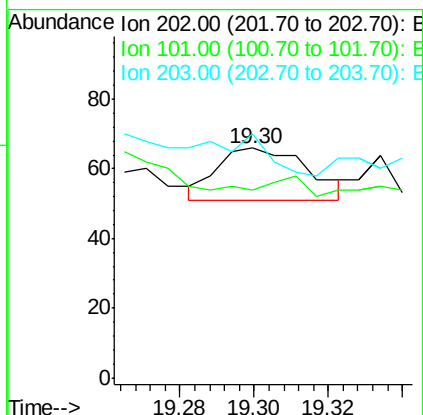
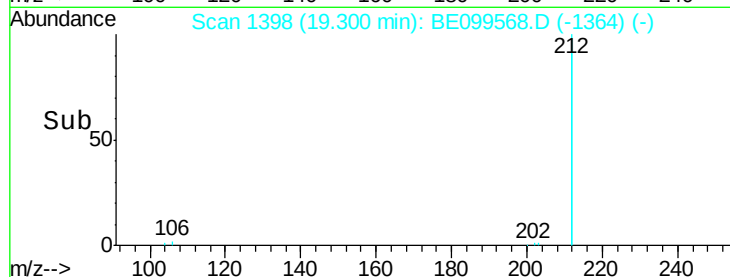
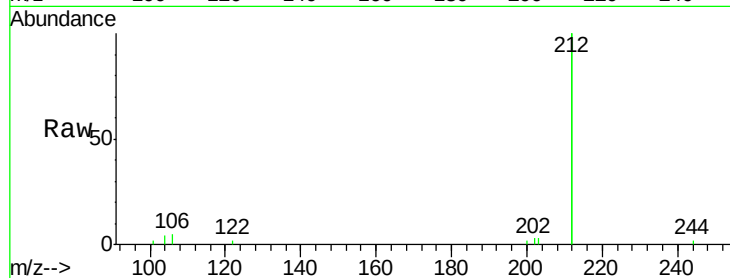
Tot Ion:202 Resp: 26

Ion Ratio Lower Upper

202 100

101 11.5 5.3 7.9#

203 0.0 13.4 20.2#



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

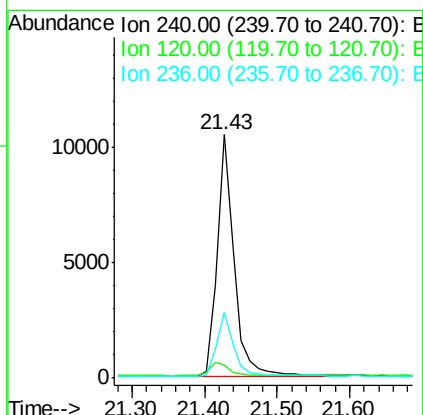
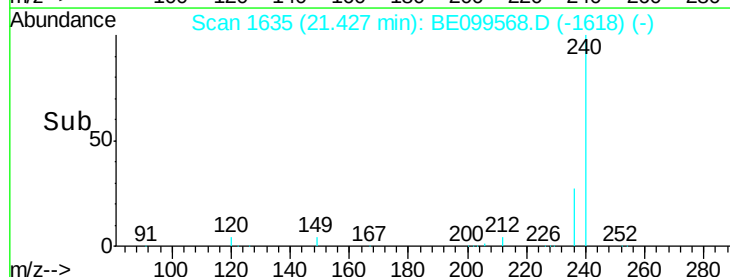
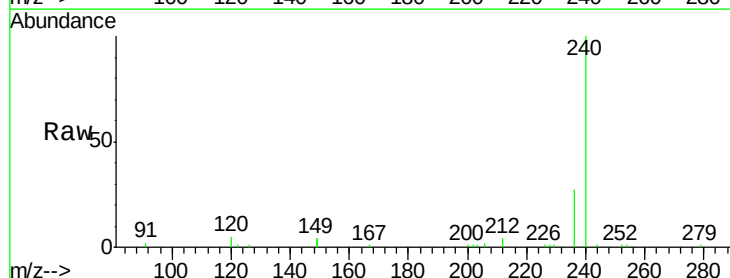
Tgt Ion:240 Resp: 17201

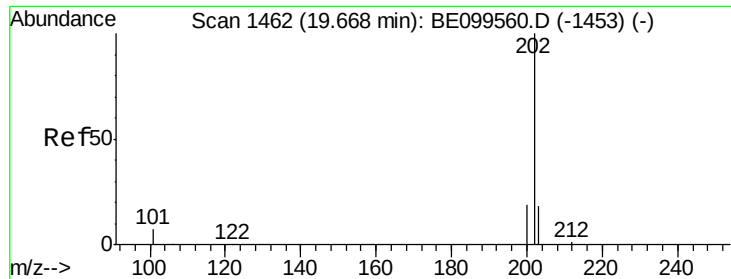
Ion Ratio Lower Upper

240 100

120 5.2 3.8 5.6

236 27.2 22.5 33.7





#28

Pvrene

Concen: 0.001 ng

RT: 19.68 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

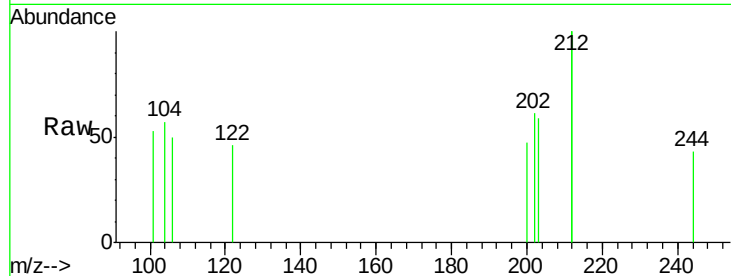
Tot Ion:202 Resp: 24

Ion Ratio Lower Upper

202 100

200 0.0 15.8 23.6#

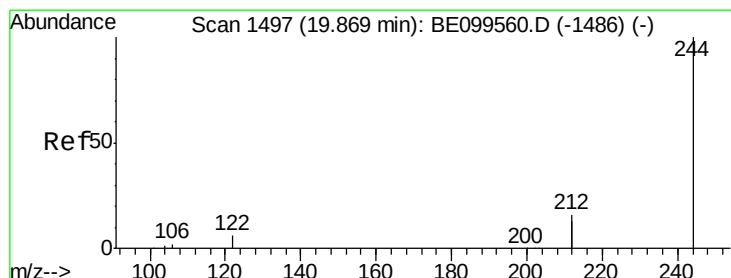
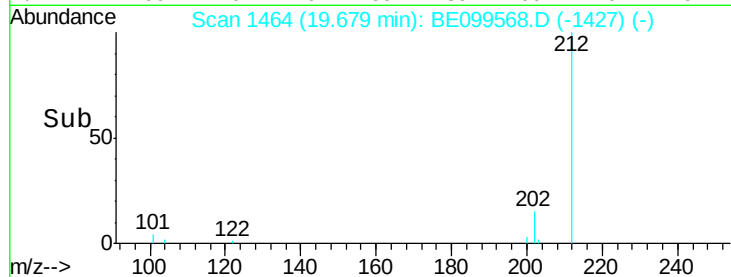
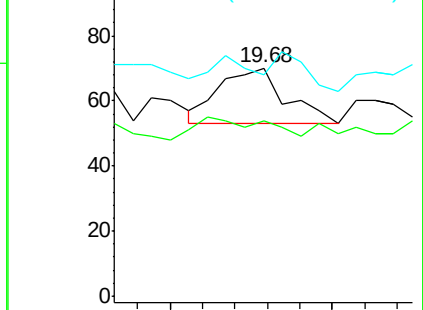
203 33.3 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.365 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

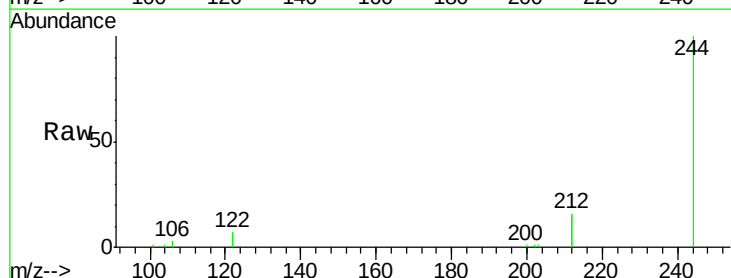
Tgt Ion:244 Resp: 11638

Ion Ratio Lower Upper

244 100

212 32.9 24.6 37.0

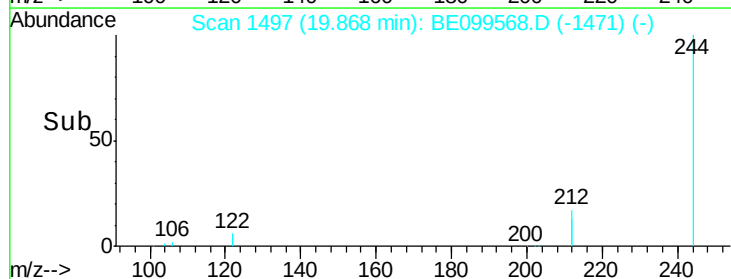
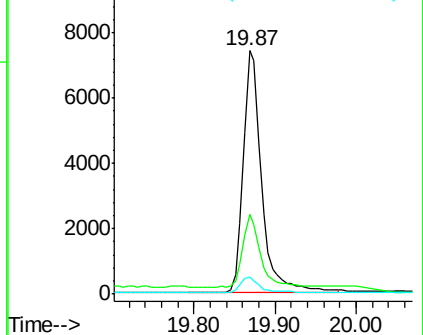
122 7.0 5.0 7.6

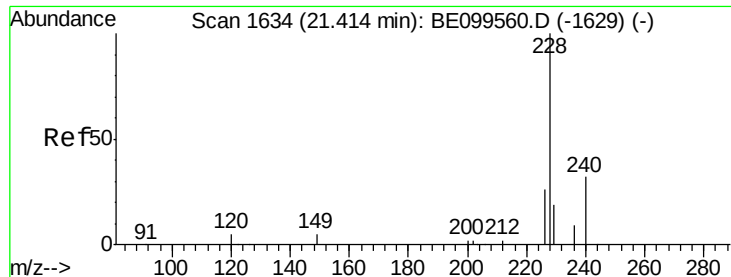


Abundance Ion 244.00 (243.70 to 244.70): E

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: 21.43 min Scan# 1635

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

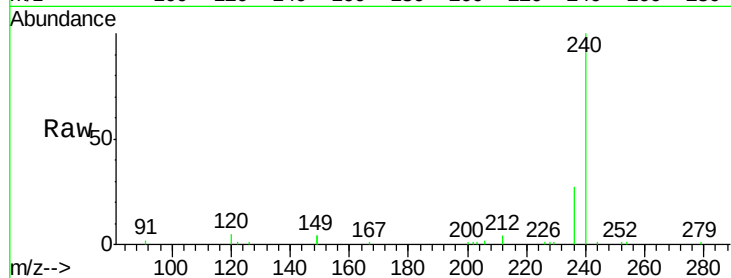
Tot Ion:228 Resp: 121

Ion Ratio Lower Upper

228 100

226 87.1 20.9 31.3#

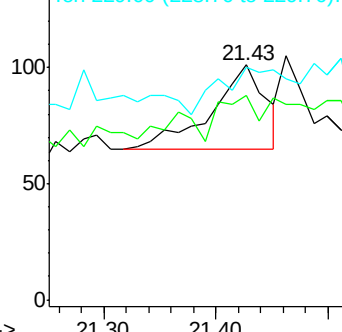
229 99.0 16.1 24.1#



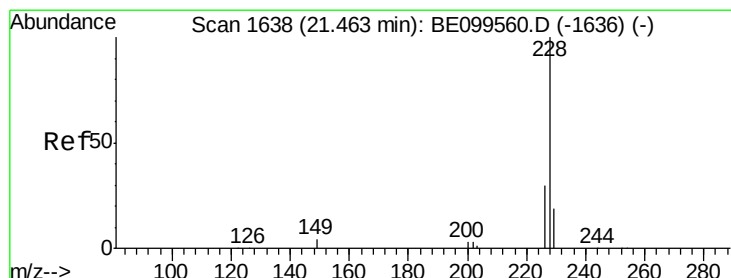
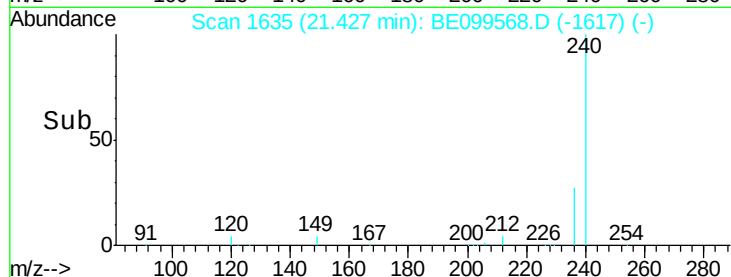
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#31

Chrysene

Concen: 0.001 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

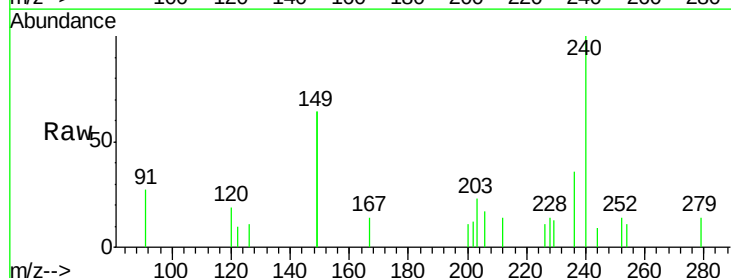
Tgt Ion:228 Resp: 43

Ion Ratio Lower Upper

228 100

226 80.0 24.2 36.4#

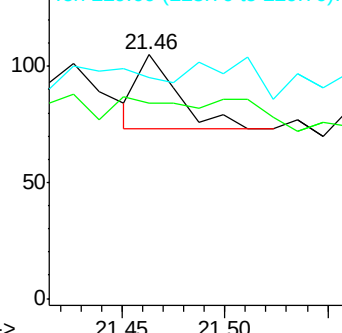
229 90.5 15.8 23.6#



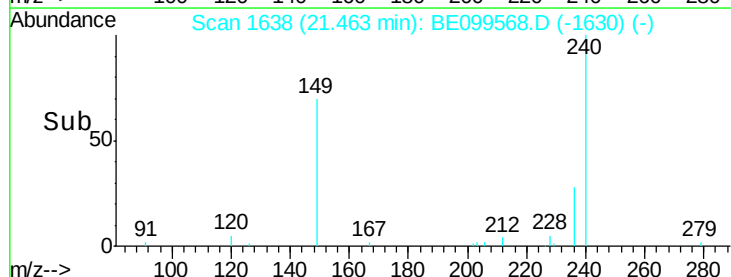
Abundance Ion 228.00 (227.70 to 228.70): E

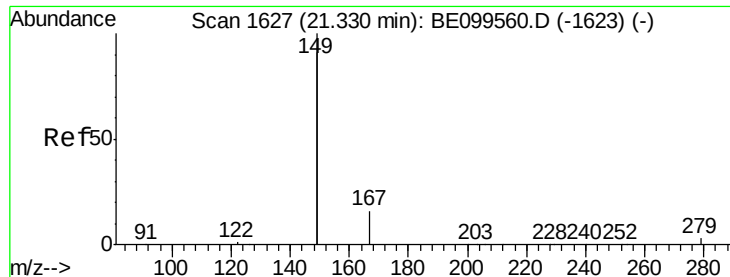
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.012 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

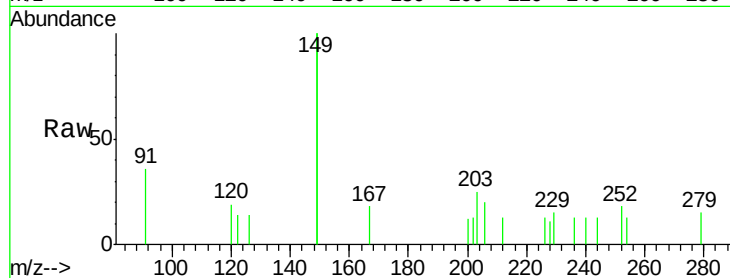
Tot Ion:149 Resp: 1013

Ion Ratio Lower Upper

149 100

167 3.8 6.1 9.1#

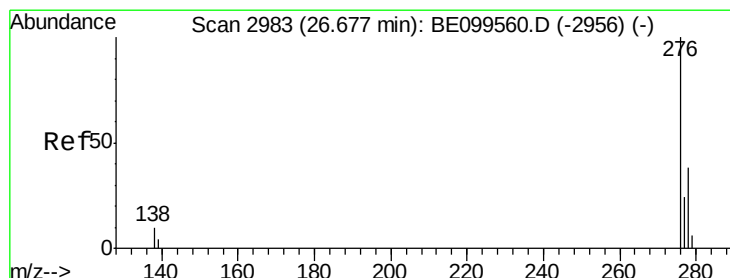
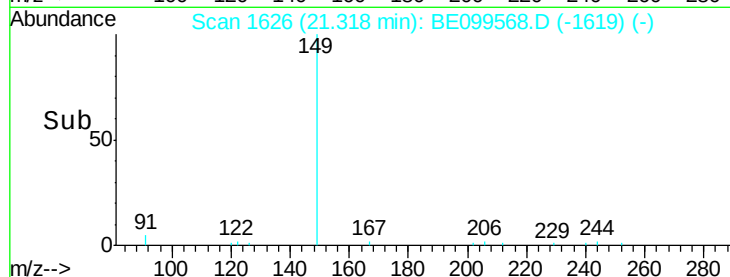
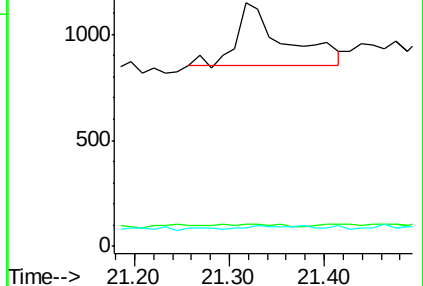
279 3.0 1.3 1.9#



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: 26.69 min Scan# 2987

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

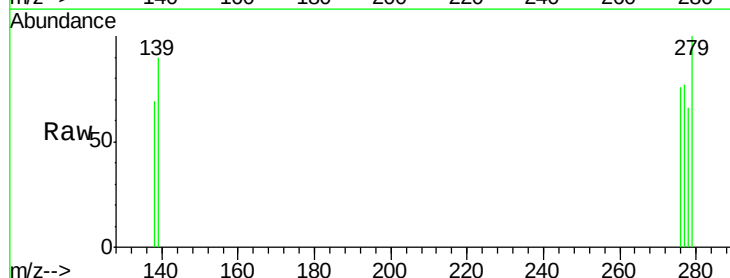
Tgt Ion:276 Resp: 20

Ion Ratio Lower Upper

276 100

138 50.0 9.5 14.3#

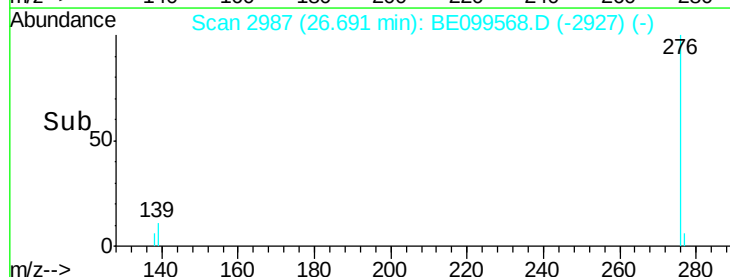
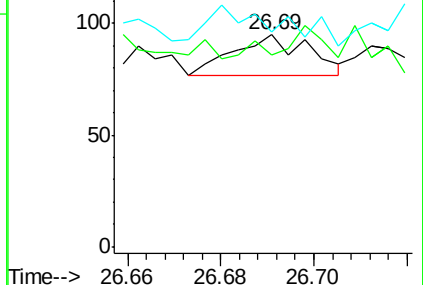
277 50.0 19.7 29.5#

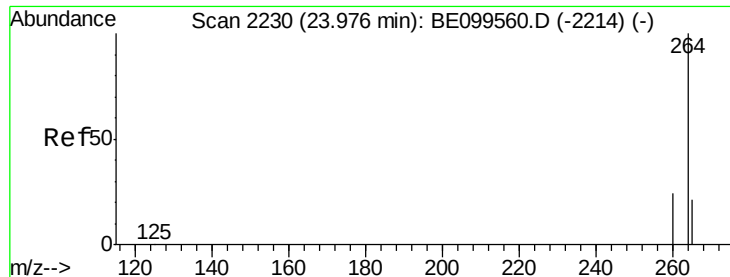


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

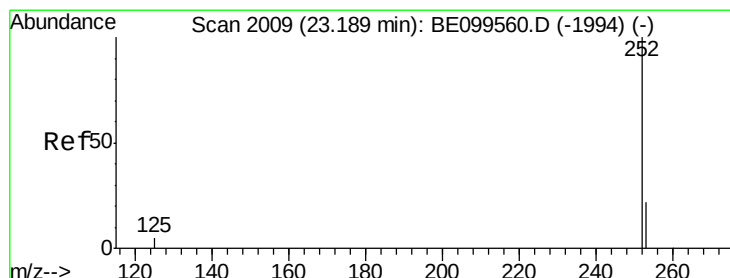
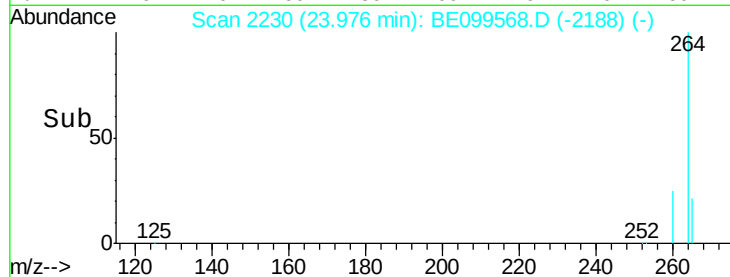
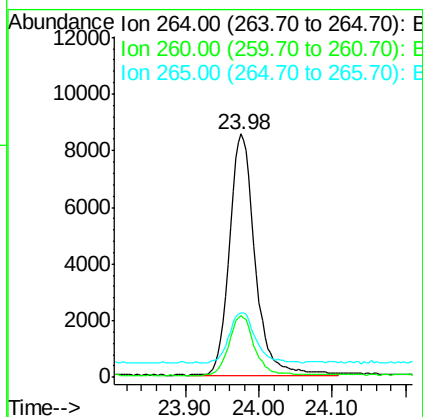
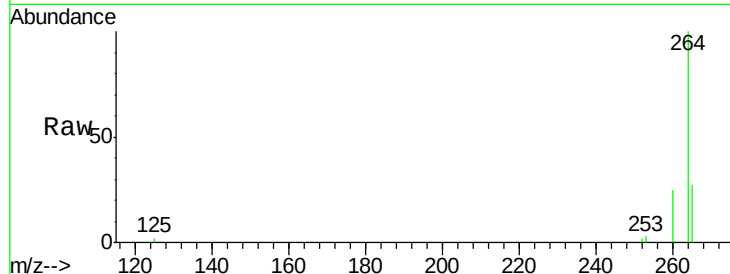




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.98 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BE099568.D
Acq: 7 May 2019 16:48

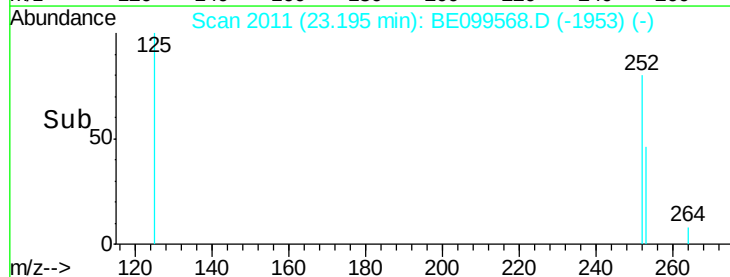
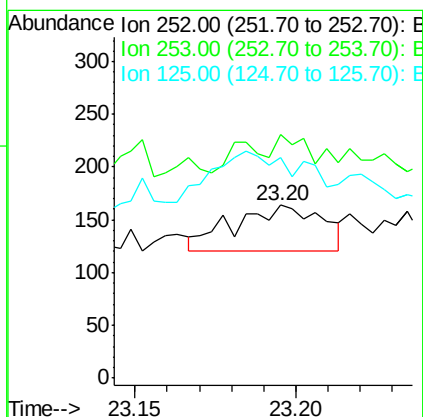
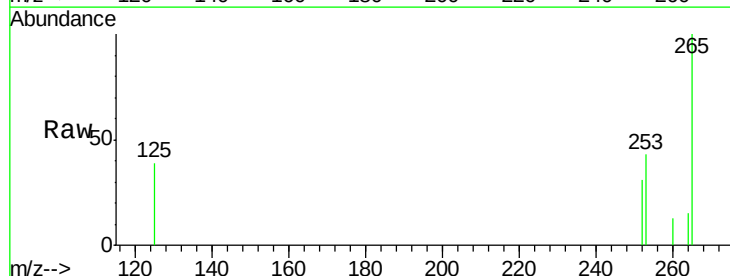
Instrument :
BNA_E
ClientSampleId :
PB119482BL

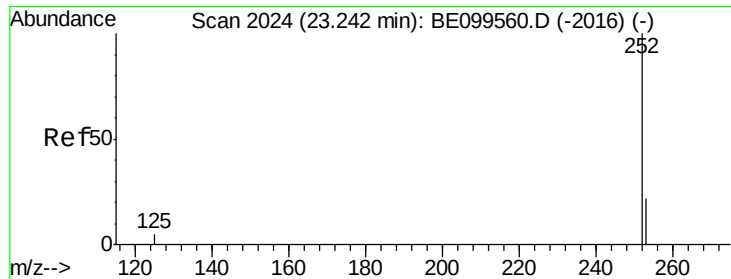
Tot Ion:264 Resp: 20818
Ion Ratio Lower Upper
264 100
260 25.4 19.9 29.9
265 26.7 22.2 33.2



#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 23.20 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BE099568.D
Acq: 7 May 2019 16:48

Tgt Ion:252 Resp: 82
Ion Ratio Lower Upper
252 100
253 140.9 19.0 28.4#
125 127.4 5.8 8.6#





#36

Benzo(k)fluoranthene

Concen: 0.000 ng

RT: 23.23 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

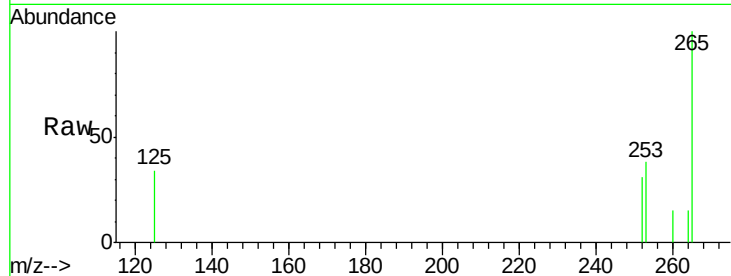
Tot Ion:252 Resp: 18

Ion Ratio Lower Upper

252 100

253 124.1 19.1 28.7#

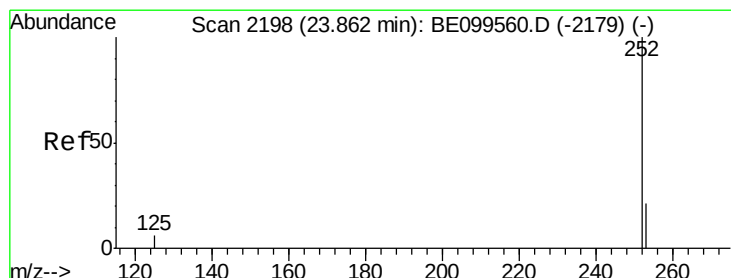
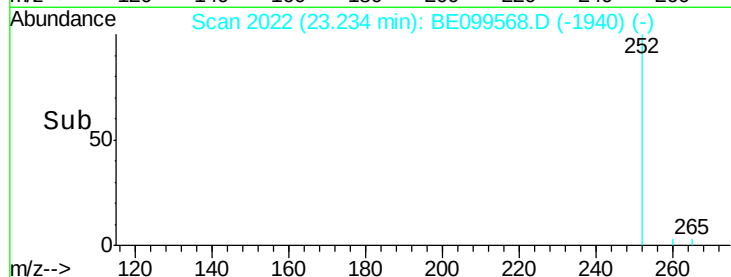
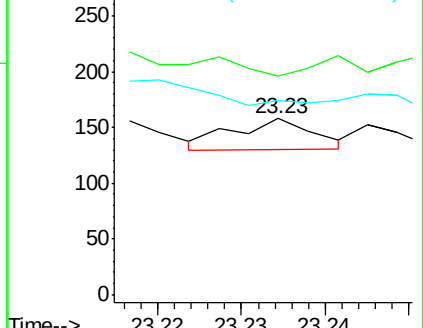
125 110.1 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.87 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

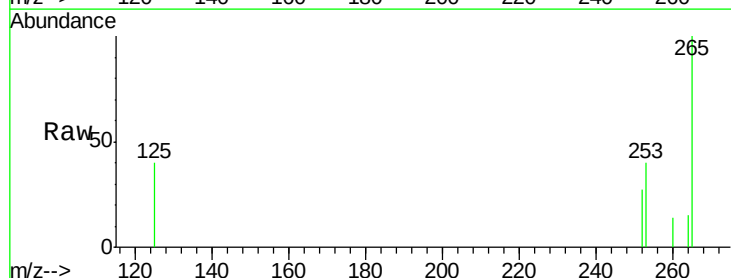
Tgt Ion:252 Resp: 16

Ion Ratio Lower Upper

252 100

253 145.7 18.9 28.3#

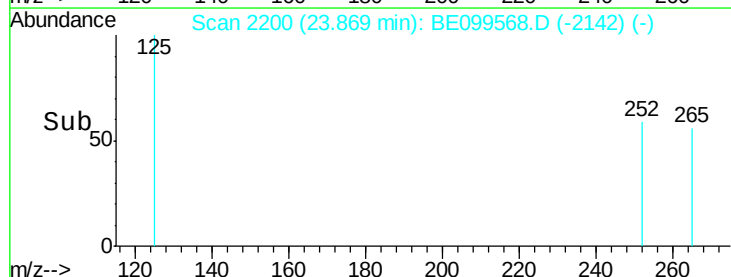
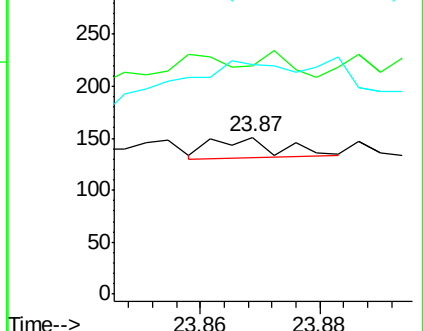
125 146.4 6.6 9.8#

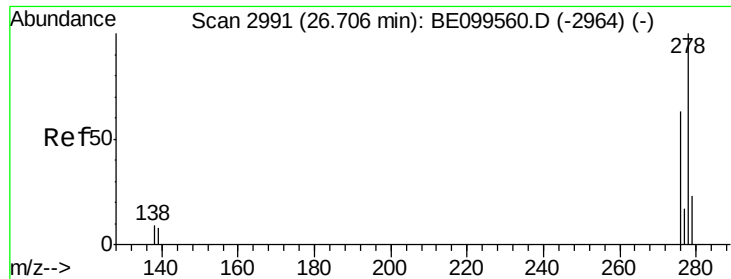


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.71 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

Instrument :

BNA_E

ClientSampleId :

PB119482BL

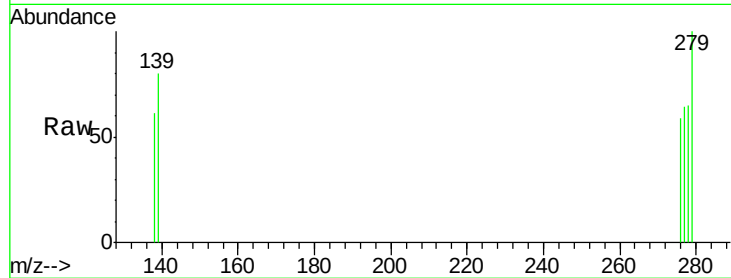
Tot Ion:278 Resp: 7

Ion Ratio Lower Upper

278 100

139 123.1 7.7 11.5#

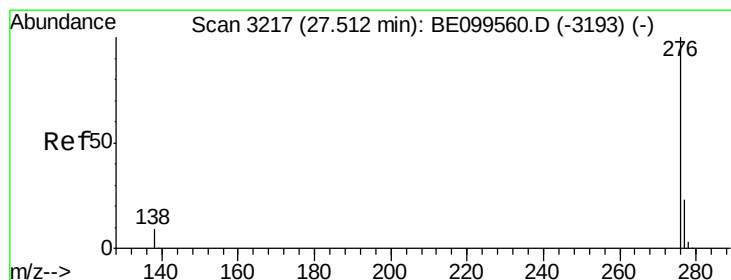
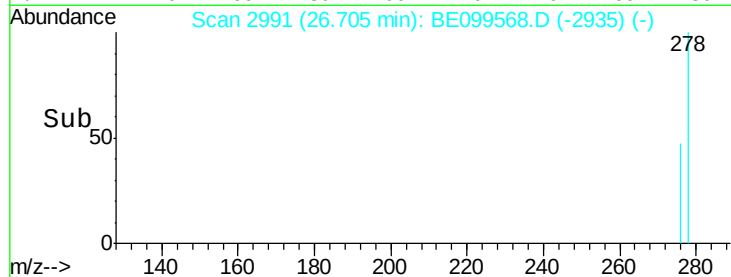
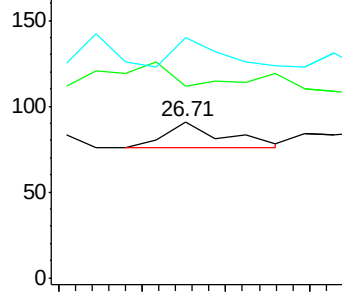
279 153.8 21.0 31.4#



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: 27.50 min Scan# 3214

Delta R.T. -0.01 min

Lab File: BE099568.D

Acq: 7 May 2019 16:48

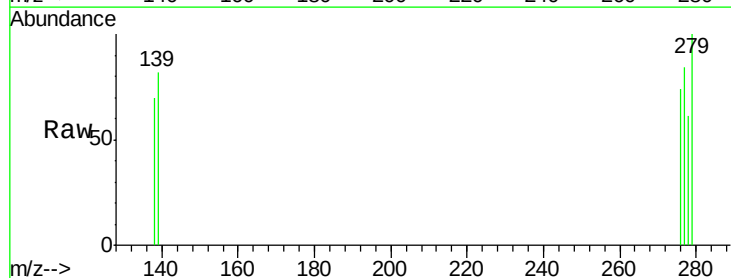
Tgt Ion:276 Resp: 17

Ion Ratio Lower Upper

276 100

277 114.4 19.7 29.5#

138 95.6 8.6 12.8#



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

