

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099201.D
 Acq On : 26 Mar 2019 4:20
 Operator : JU/SJ
 Sample : K2073-07RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P007-TW001-01

Quant Time: Mar 26 07:12:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3248	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	14300	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10839	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	31401	0.40	ng	0.00
27) Chrysene-d12	21.38	240	34773	0.40	ng	-0.01
34) Perylene-d12	23.90	264	32308	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1637	0.17	ng	0.00
5) Phenol-d6	6.99	99	1537	0.10	ng	0.00
8) Nitrobenzene-d5	8.99	82	3947	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	10341	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1496	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	18106	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	153123	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	31293	0.41	ng	0.00

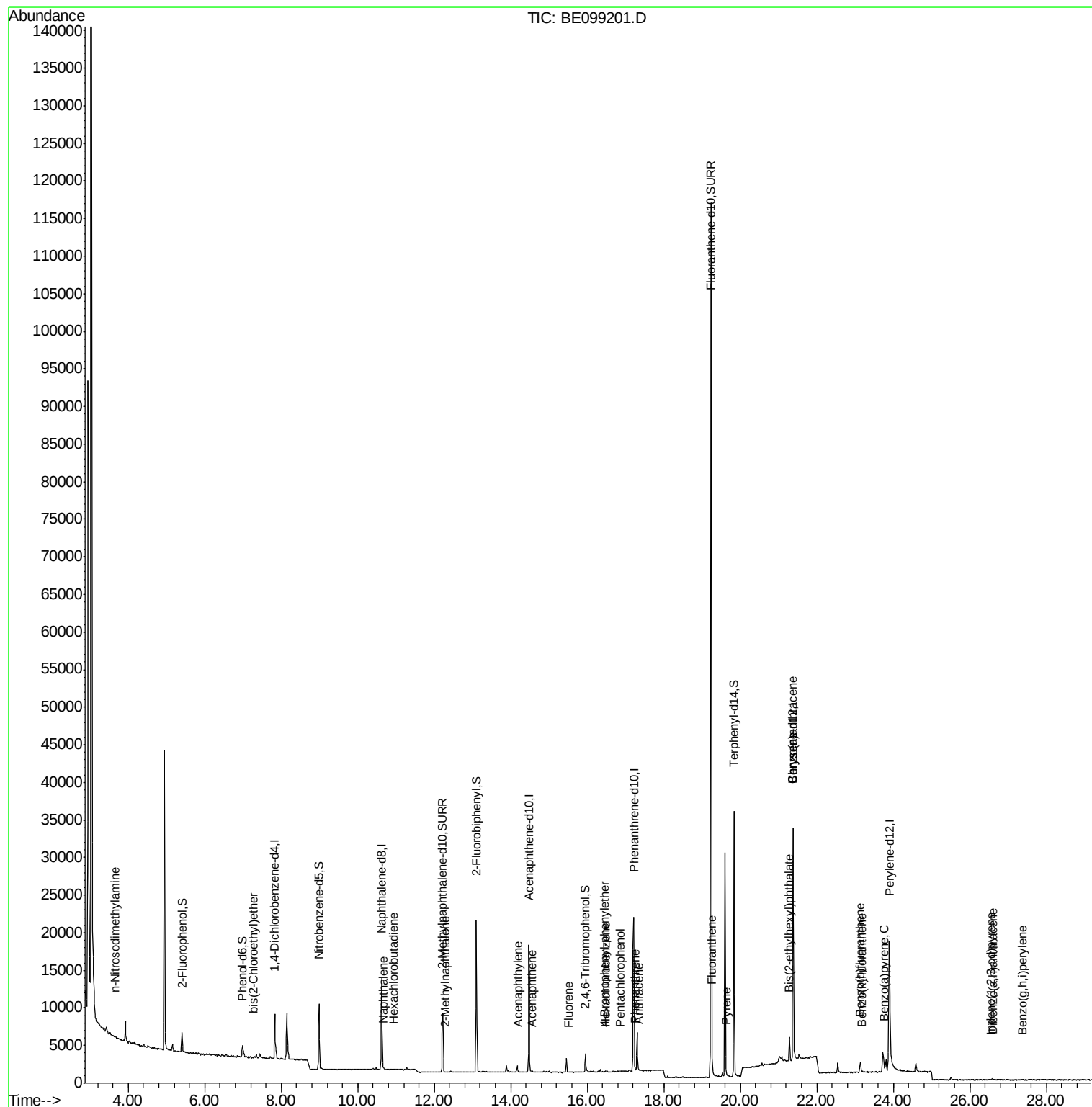
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.66	42	64	0.027	ng	# 1
6) bis(2-Chloroethyl)ether	7.26	93	37	0.003	ng	# 49
9) Naphthalene	10.68	128	254	0.002	ng	# 61
10) Hexachlorobutadiene	10.94	225	8	0.001	ng	# 51
12) 2-Methylnaphthalene	12.30	142	42	0.001	ng	# 59
16) Acenaphthylene	14.20	152	35	0.001	ng	# 71
17) Acenaphthene	14.54	154	29	0.001	ng	# 71
18) Fluorene	15.51	166	84	0.002	ng	# 53
20) 4-Bromophenyl-phenylether	16.46	248	7	0.000	ng	# 55
21) Hexachlorobenzene	16.48	284	47	0.002	ng	# 28
22) Pentachlorophenol	16.87	266	14	0.243	ng	# 73
23) Phenanthrene	17.25	178	263	0.003	ng	# 31
24) Anthracene	17.33	178	50	0.001	ng	# 60
26) Fluoranthene	19.26	202	169	0.001	ng	# 86
28) Pyrene	19.63	202	210	0.002	ng	# 75
30) Benzo(a)anthracene	21.38	228	200	0.002	ng	# 32
31) Chrysene	21.38	228	171	0.001	ng	# 39
32) Bis(2-ethylhexyl)phthalate	21.28	149	5008	0.037	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.55	276	8	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.13	252	317	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.17	252	60	0.001	ng	# 1
37) Benzo(a)pyrene	23.77	252	16	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.59	278	9	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.38	276	8	0.000	ng	# 1

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

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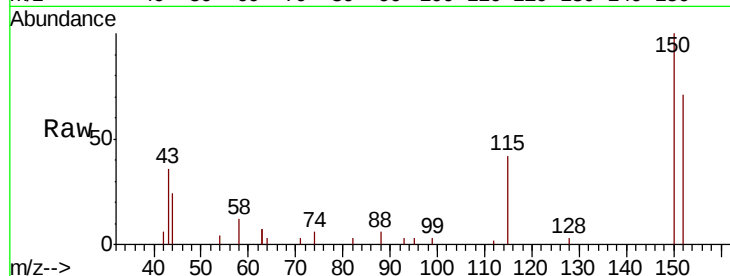


#1

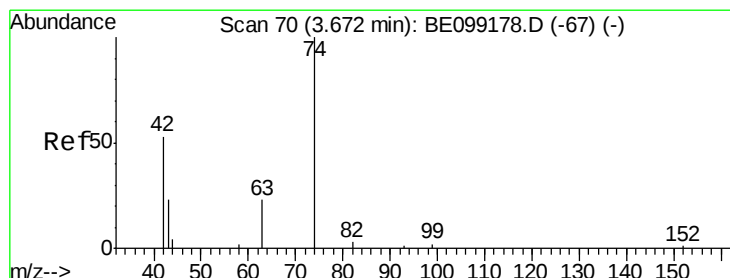
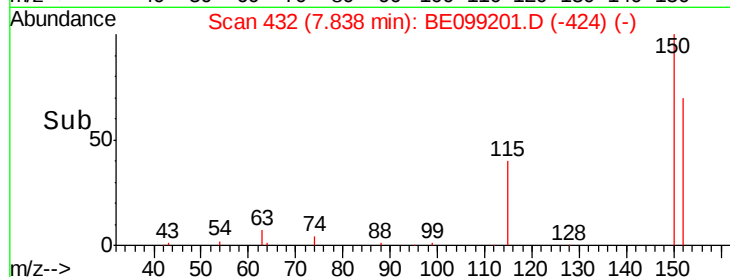
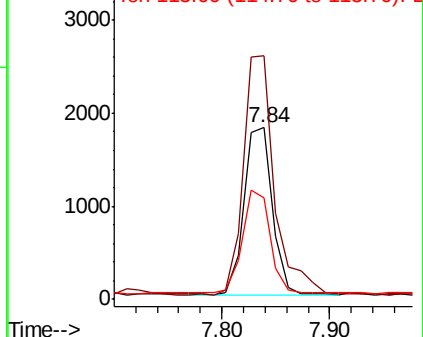
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
P007-TW001-01

Tgt Ion: 152 Resp: 3248
Ion Ratio Lower Upper
152 100
150 141.8 112.8 169.2
115 59.1 45.1 67.7



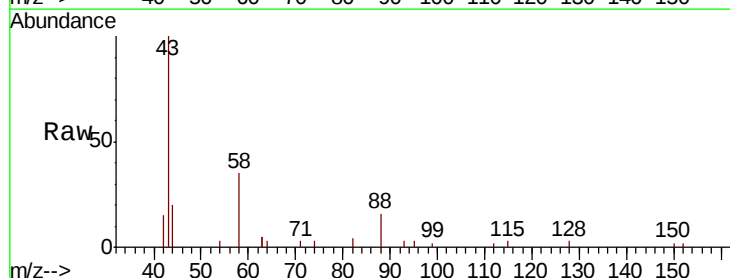
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



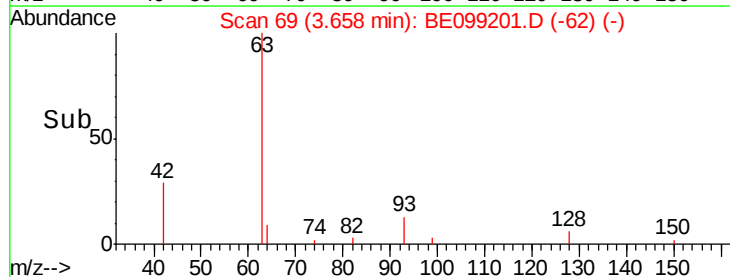
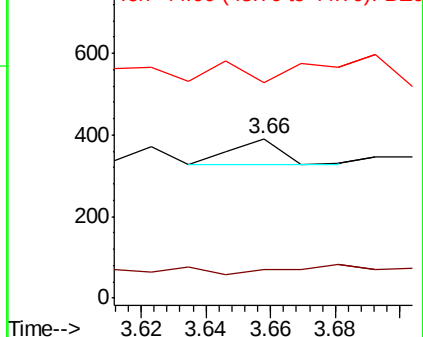
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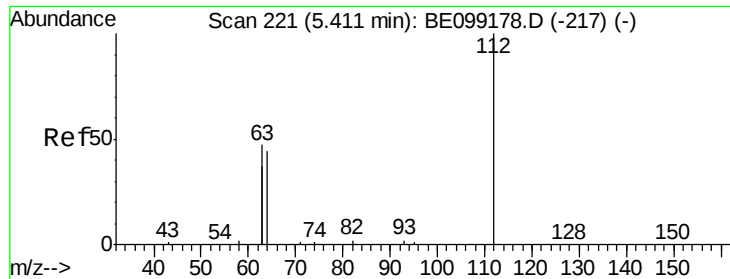
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.66 min Scan# 69
Delta R.T. -0.01 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

Tgt Ion: 42 Resp: 64
Ion Ratio Lower Upper
42 100
74 0.0 138.6 207.8#
44 73.4 15.0 22.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.169 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

BNA_E

ClientSampleId :

P007-TW001-01

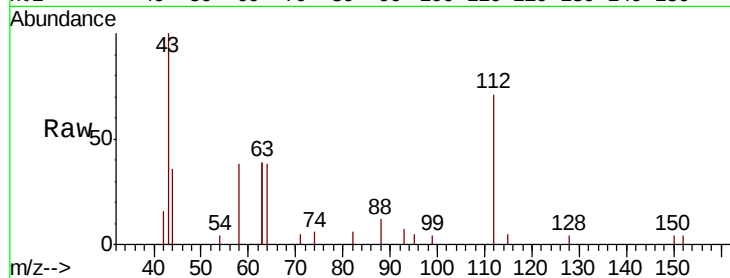
Tgt Ion: 112 Resp: 1637

Ion Ratio Lower Upper

112 100

64 60.2 46.2 69.2

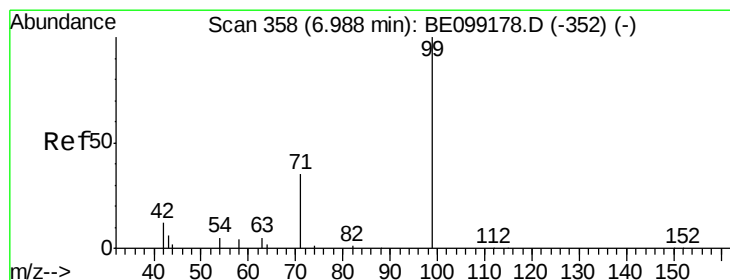
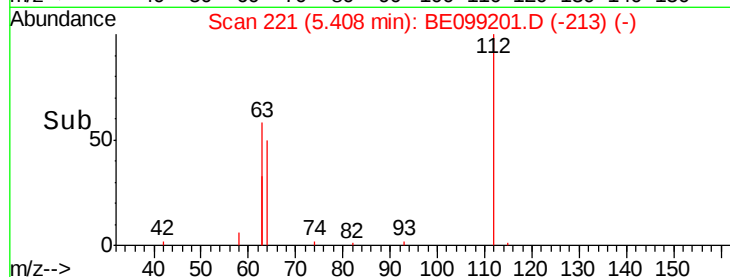
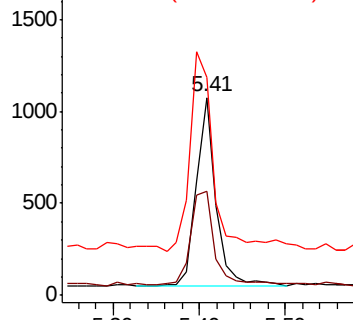
63 123.3 89.9 134.9



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: 0.104 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

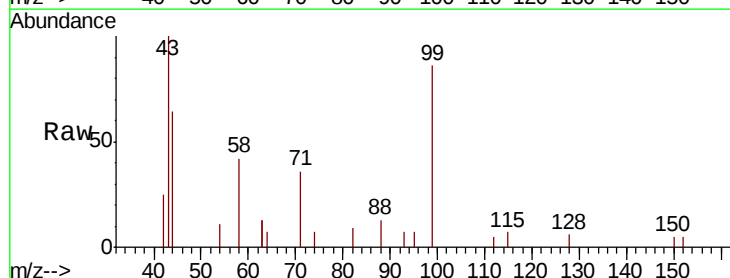
Tgt Ion: 99 Resp: 1537

Ion Ratio Lower Upper

99 100

42 25.1 12.4 18.6#

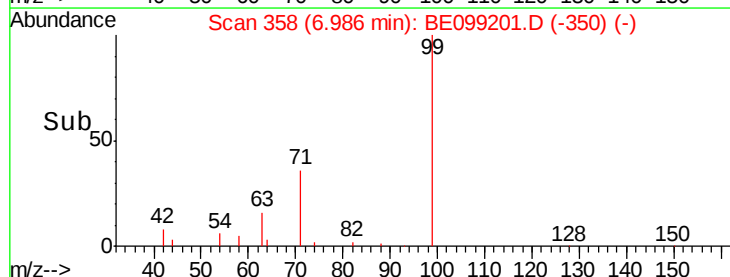
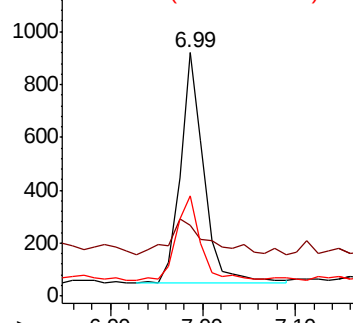
71 37.4 28.4 42.6

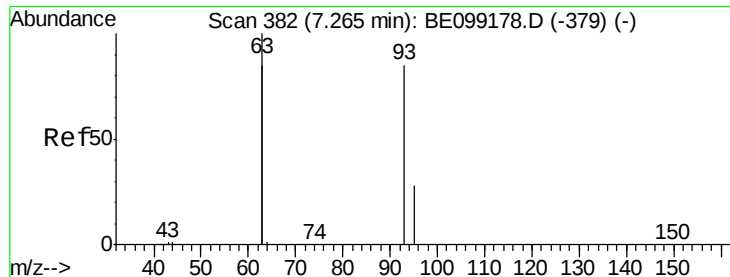


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.26 min Scan# 382

Delta R.T. -0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

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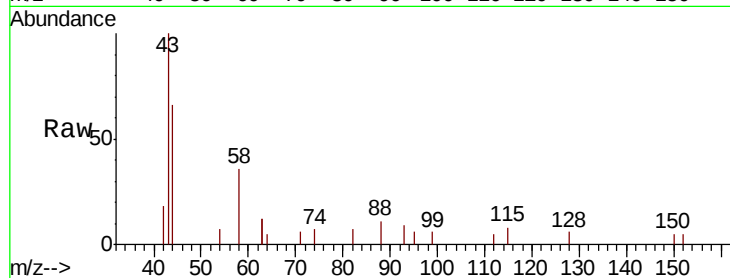
Tgt Ion: 93 Resp: 37

Ion Ratio Lower Upper

93 100

63 178.4 221.4 332.0#

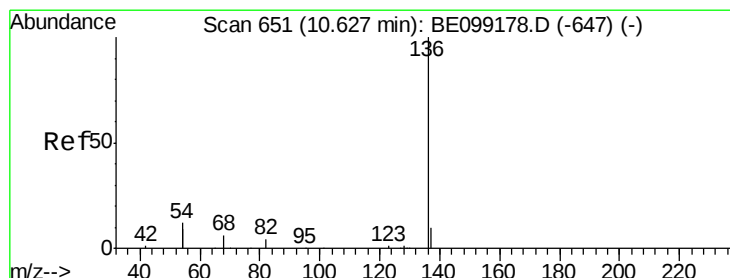
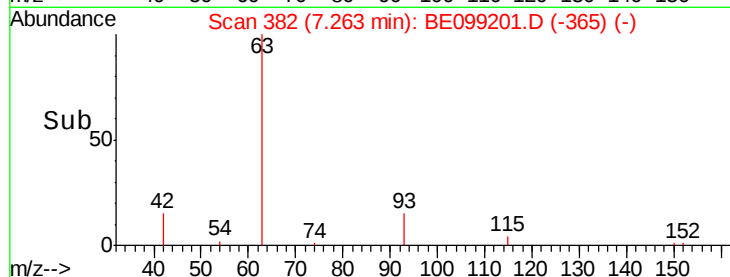
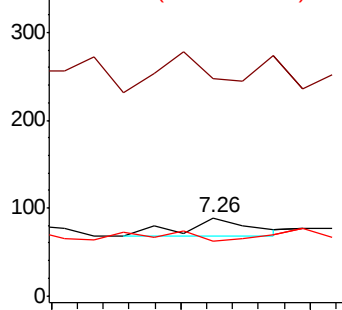
95 51.4 25.8 38.8#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Tgt Ion: 136 Resp: 14300

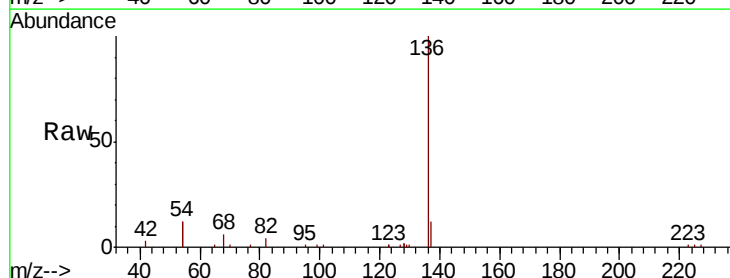
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 23.2 18.7 28.1

68 6.1 5.2 7.8

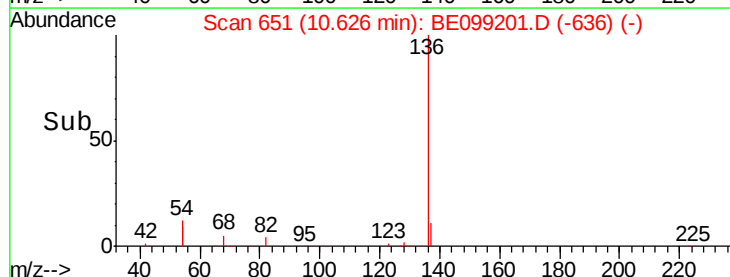
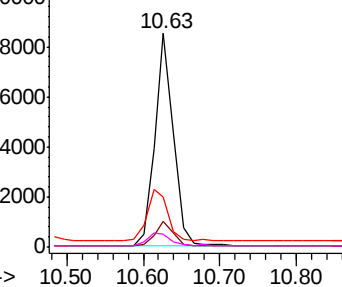


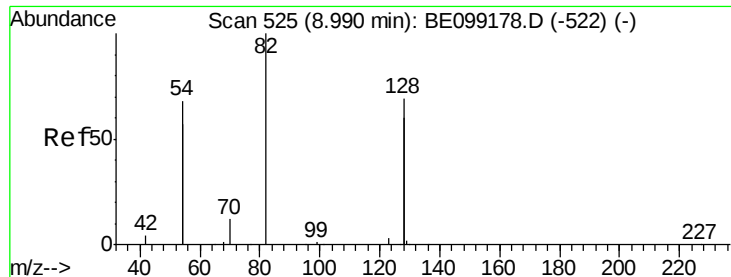
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

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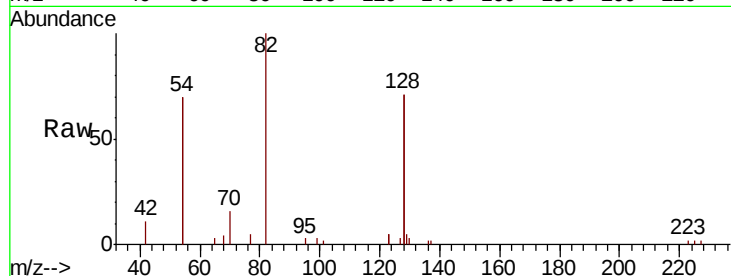
Tgt Ion: 82 Resp: 3947

Ion Ratio Lower Upper

82 100

128 141.9 107.5 161.3

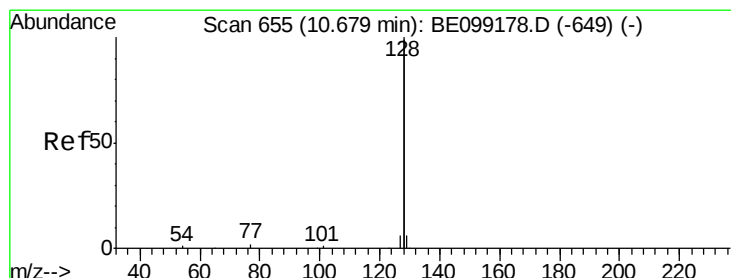
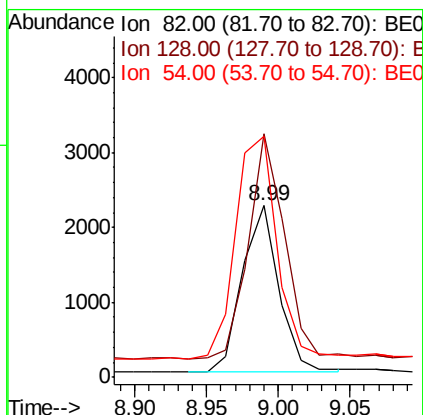
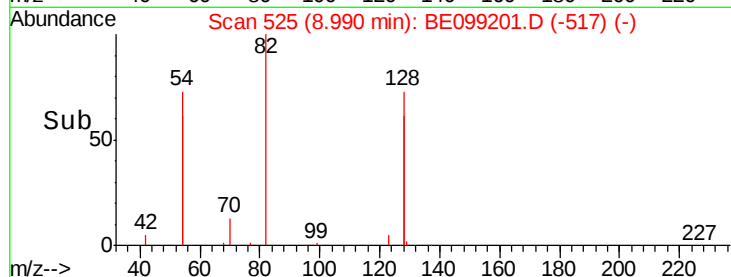
54 140.5 106.3 159.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#9

Naphthalene

Concen: 0.002 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

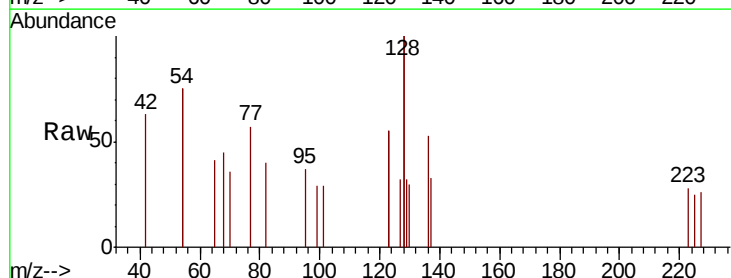
Tgt Ion: 128 Resp: 254

Ion Ratio Lower Upper

128 100

129 16.0 2.3 3.5#

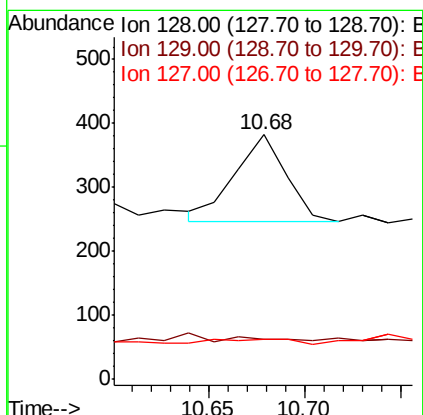
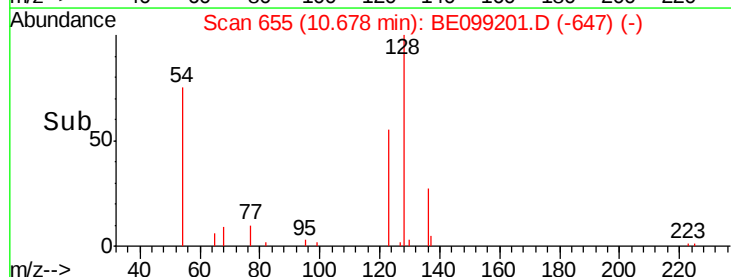
127 16.0 2.6 3.8#

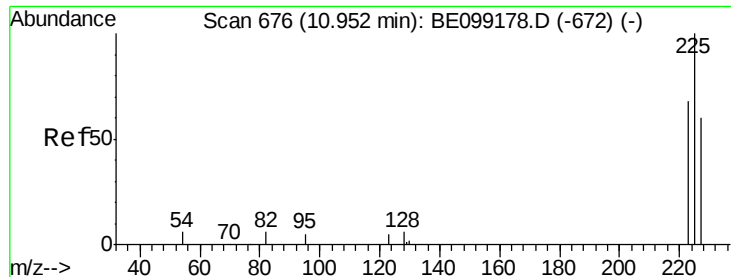


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

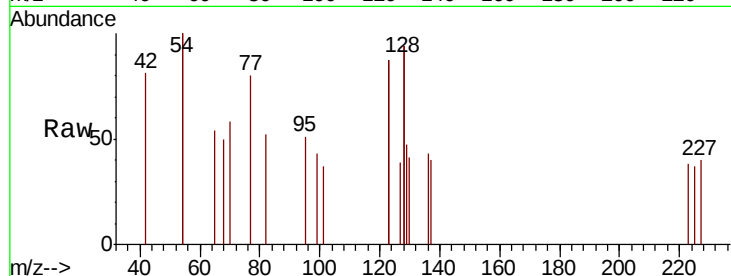




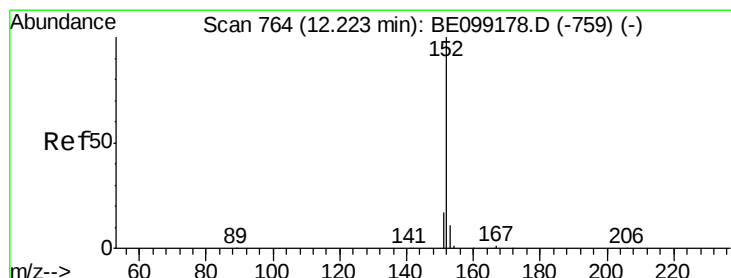
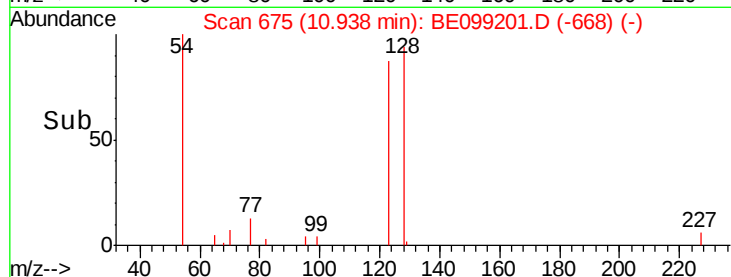
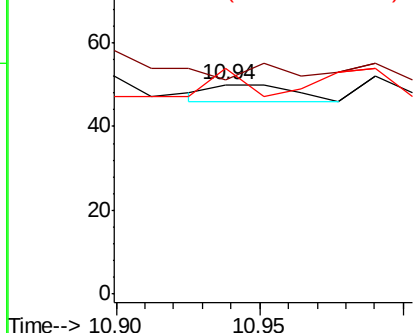
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.94 min Scan# 675
Delta R.T. -0.01 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

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Tgt Ion: 225 Resp: 8
Ion Ratio Lower Upper
225 100
223 137.5 51.3 76.9#
227 62.5 48.6 73.0

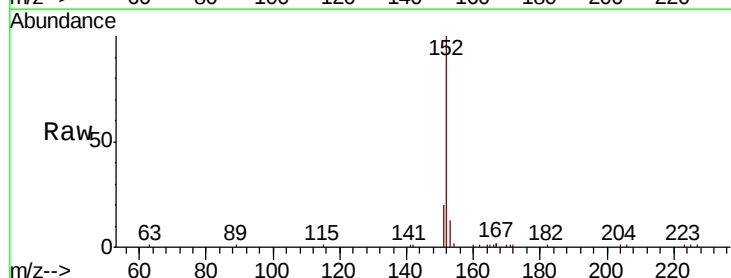


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

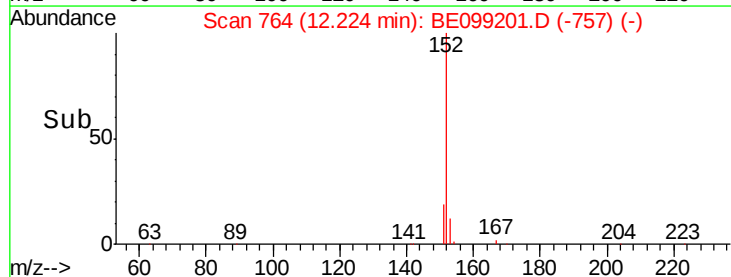
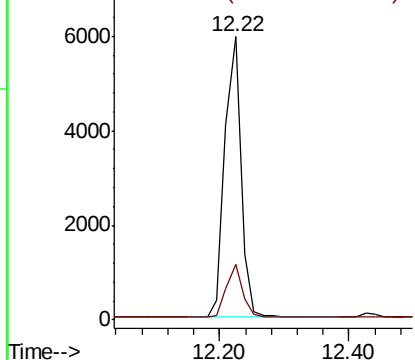


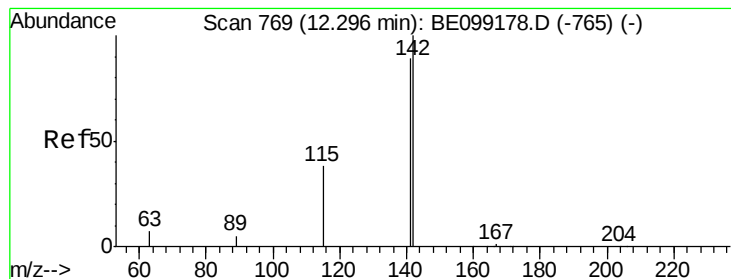
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

Tgt Ion: 152 Resp: 10341
Ion Ratio Lower Upper
152 100
151 19.1 15.0 22.6



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





#12

2-Methylnaphthalene

Concen: 0.001 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

BNA_E

ClientSampleId :

P007-TW001-01

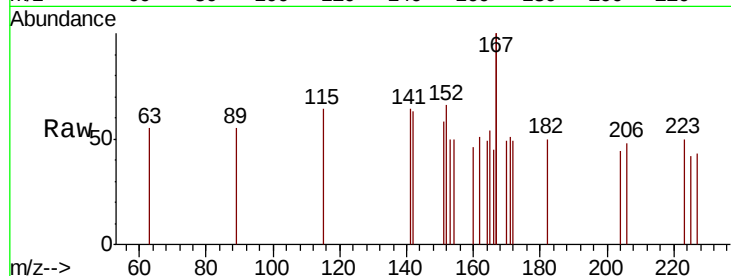
Tgt Ion:142 Resp: 42

Ion Ratio Lower Upper

142 100

141 101.4 71.3 106.9

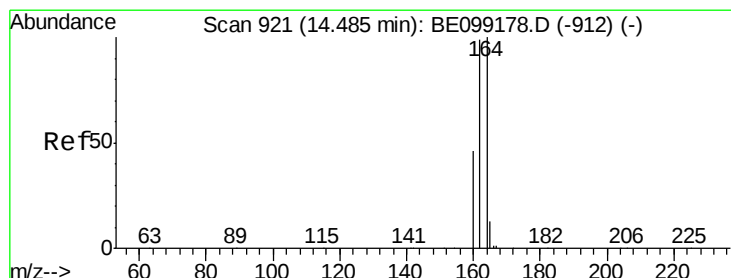
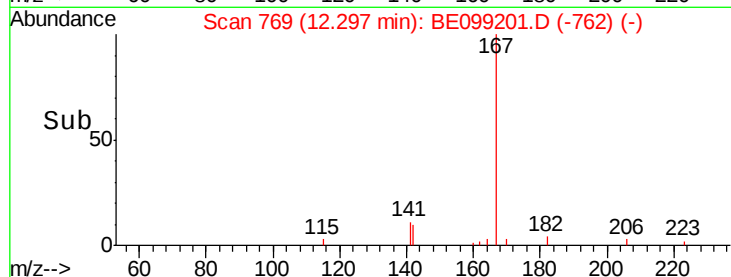
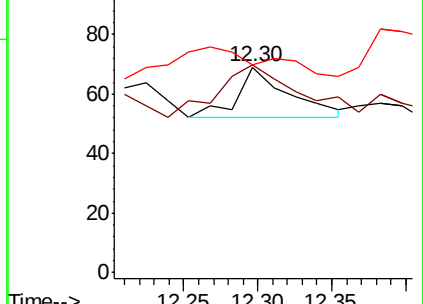
115 101.4 30.4 45.6#



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. -0.01 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

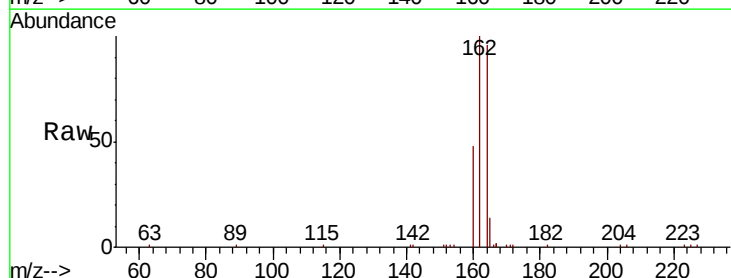
Tgt Ion:164 Resp: 10839

Ion Ratio Lower Upper

164 100

162 104.4 79.2 118.8

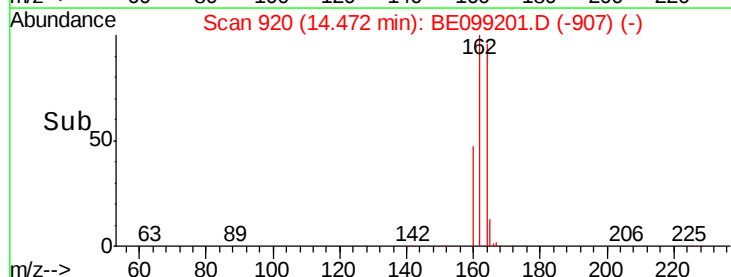
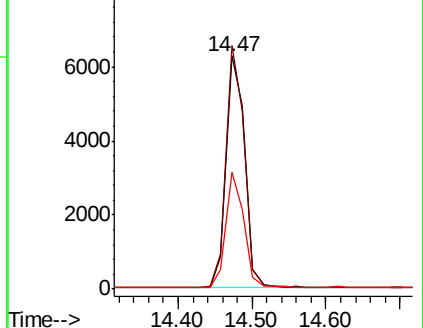
160 49.9 36.7 55.1

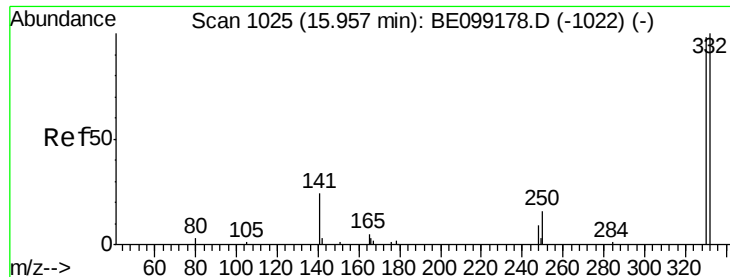


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

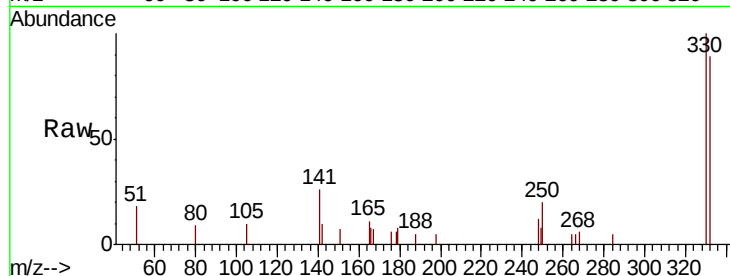




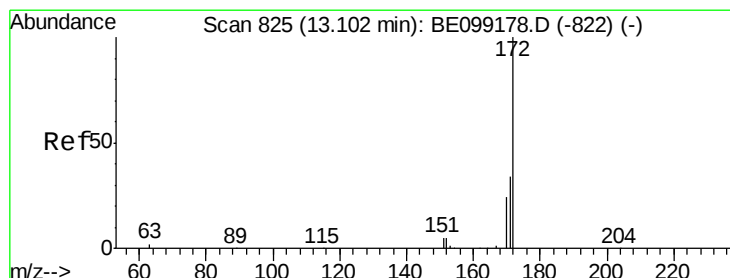
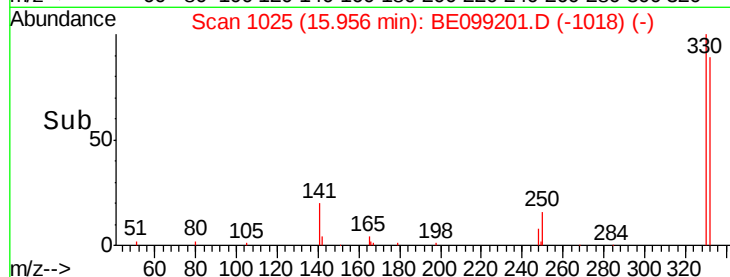
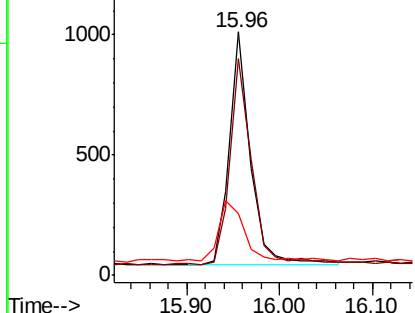
#14
 2,4,6-Tribromophenol
 Concen: 0.471 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE099201.D
 Acq: 26 Mar 2019 4:20

Instrument :
 BNA_E
 ClientSampleId :
 P007-TW001-01

Tgt Ion:330 Resp: 1496
 Ion Ratio Lower Upper
 330 100
 332 93.2 71.3 106.9
 141 30.7 21.7 32.5

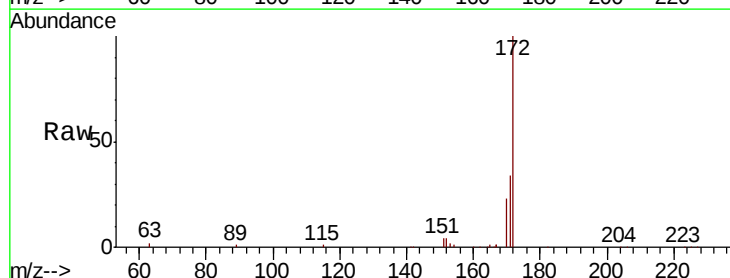


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

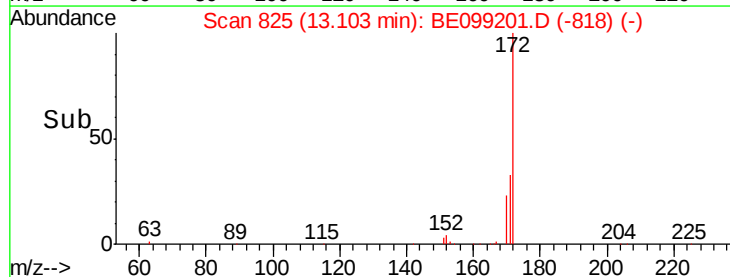
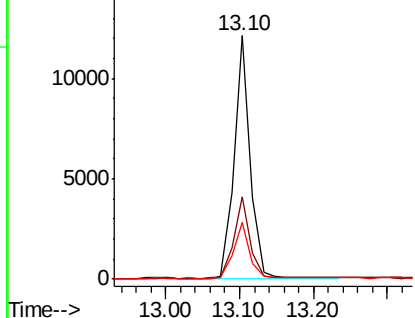


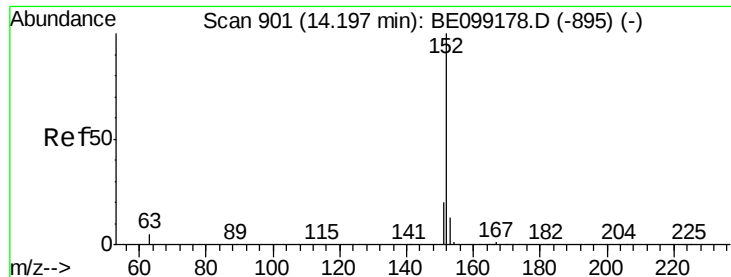
#15
 2-Fluorobiphenyl
 Concen: 0.410 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BE099201.D
 Acq: 26 Mar 2019 4:20

Tgt Ion:172 Resp: 18106
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.4 41.0
 170 23.4 19.1 28.7



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

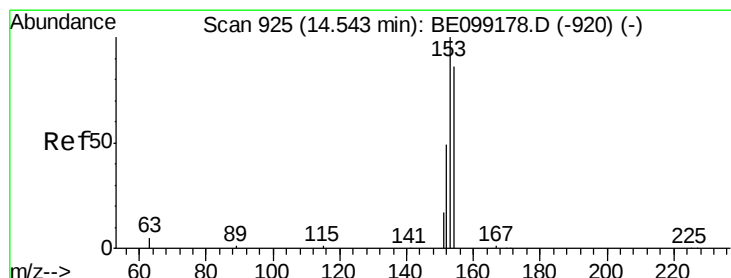
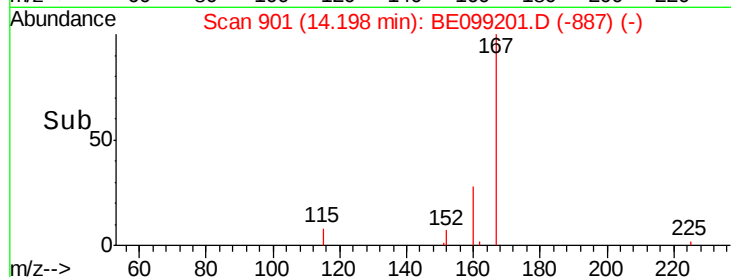
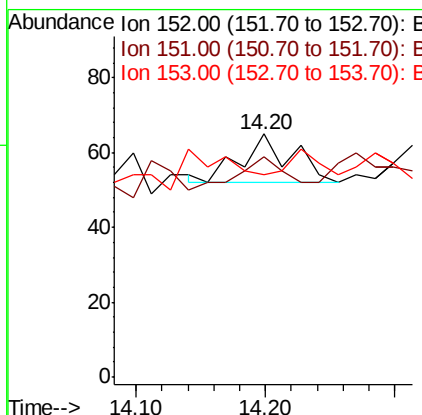
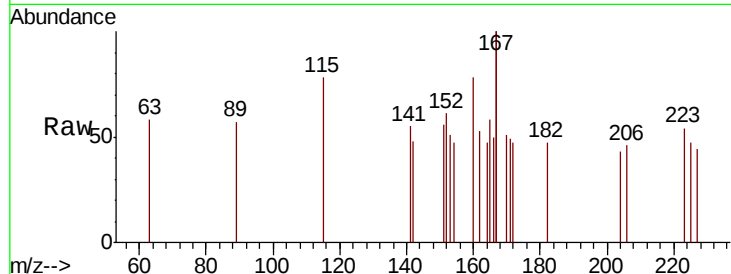




#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

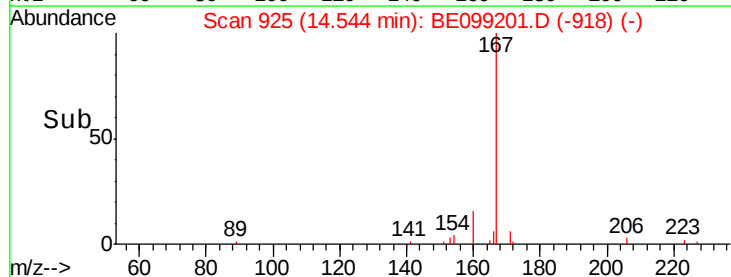
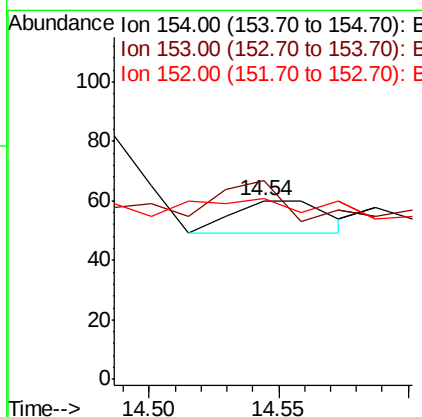
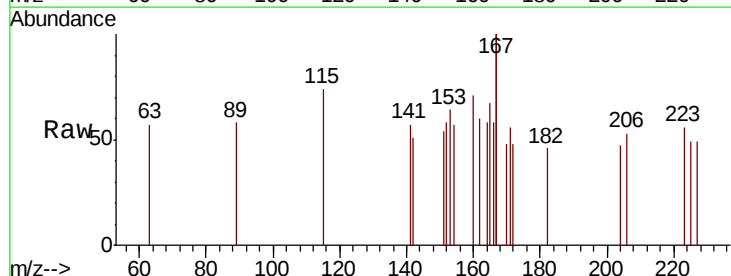
Instrument :
BNA_E
ClientSampleId :
P007-TW001-01

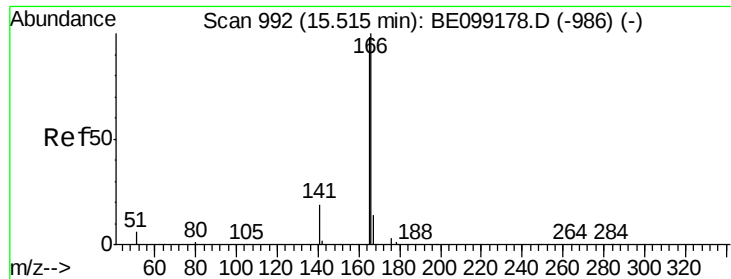
Tgt Ion: 152 Resp: 35
Ion Ratio Lower Upper
152 100
151 31.4 15.7 23.5#
153 0.0 10.6 15.8#



#17
Acenaphthene
Concen: 0.001 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

Tgt Ion: 154 Resp: 29
Ion Ratio Lower Upper
154 100
153 75.9 93.4 140.0#
152 48.3 46.6 69.8

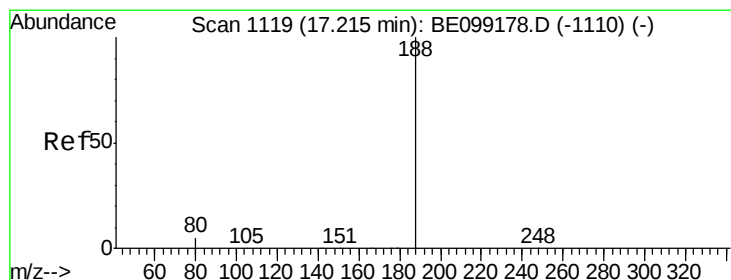
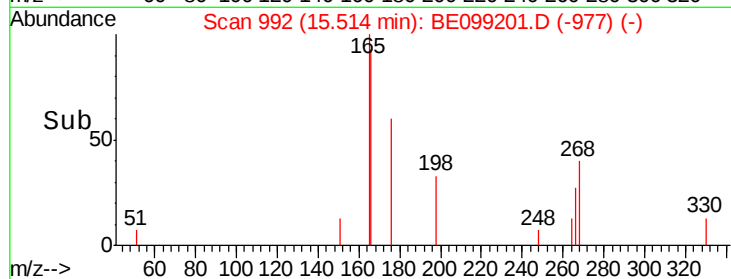
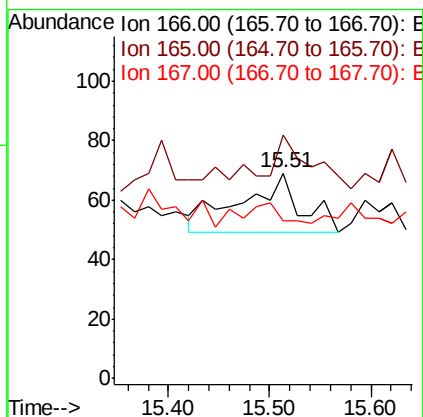
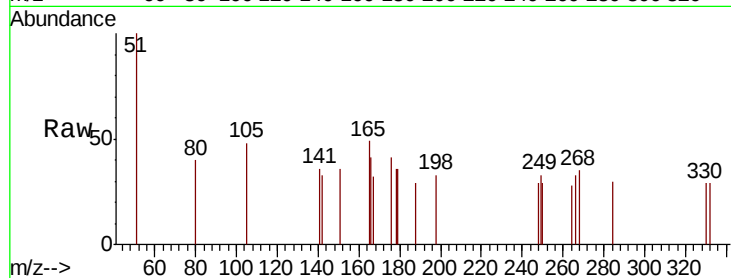




#18
 Fluorene
 Concen: 0.002 ng
 RT: 15.51 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BE099201.D
 Acq: 26 Mar 2019 4:20

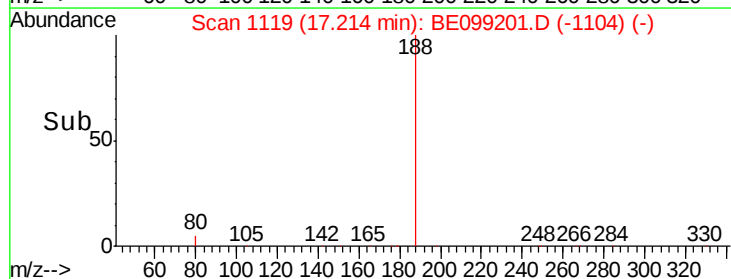
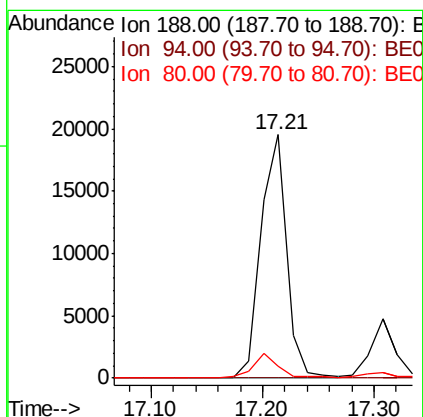
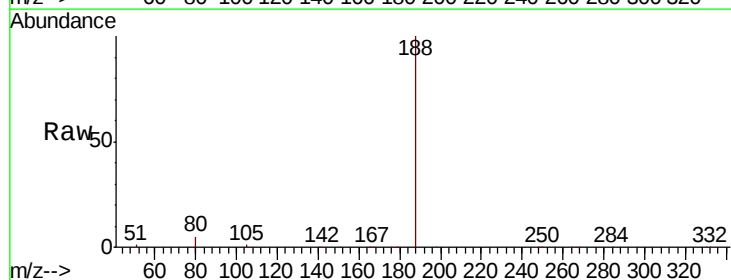
Instrument :
 BNA_E
 ClientSampleId :
 P007-TW001-01

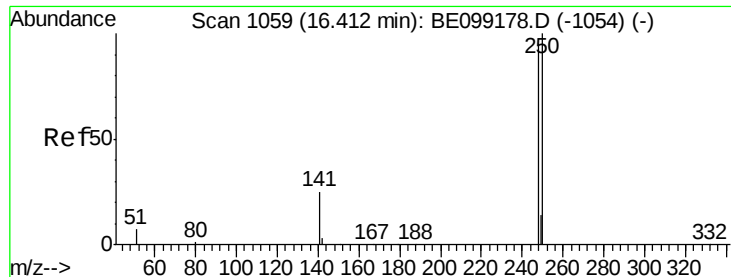
Tgt Ion:166 Resp: 84
 Ion Ratio Lower Upper
 166 100
 165 50.0 78.9 118.3#
 167 27.4 10.9 16.3#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.21 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BE099201.D
 Acq: 26 Mar 2019 4:20

Tgt Ion:188 Resp: 31401
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 5.2 4.5 6.7

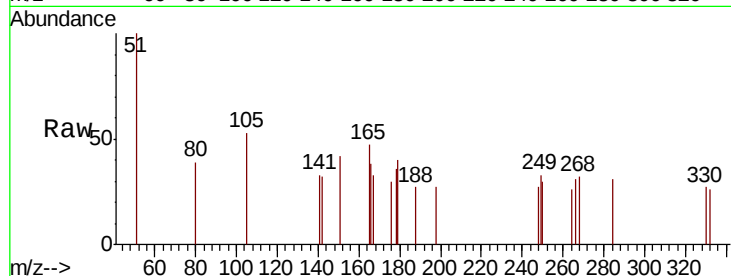




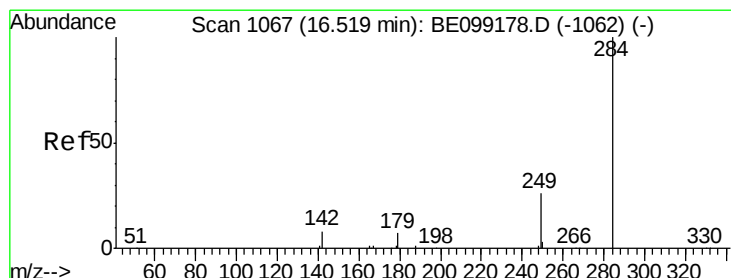
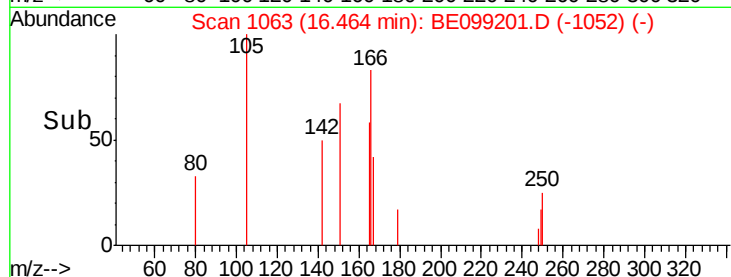
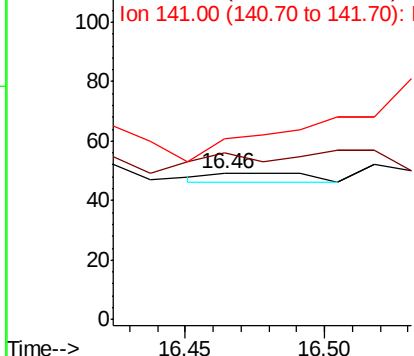
#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.46 min Scan# 1063
Delta R.T. 0.05 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

Instrument :
BNA_E
ClientSampleId :
P007-TW001-01

Tgt Ion: 248 Resp: 7
Ion Ratio Lower Upper
248 100
250 114.3 84.2 126.2
141 124.5 21.8 32.6#

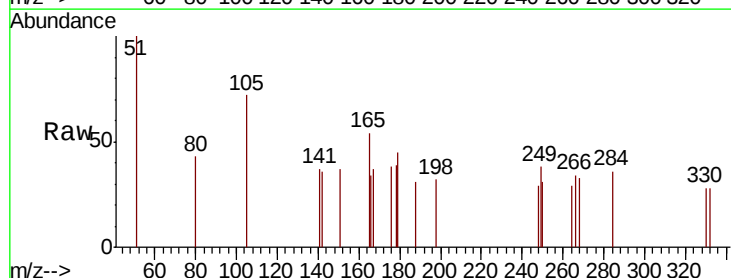


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

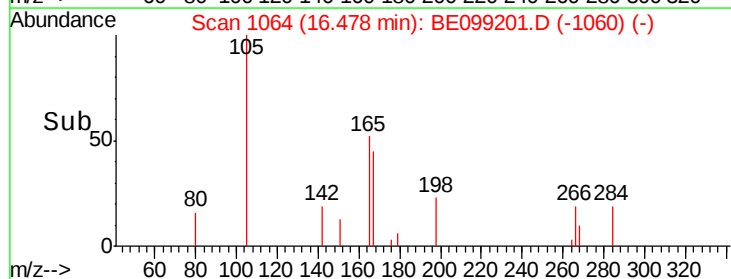
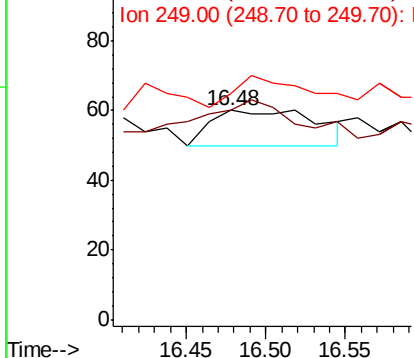


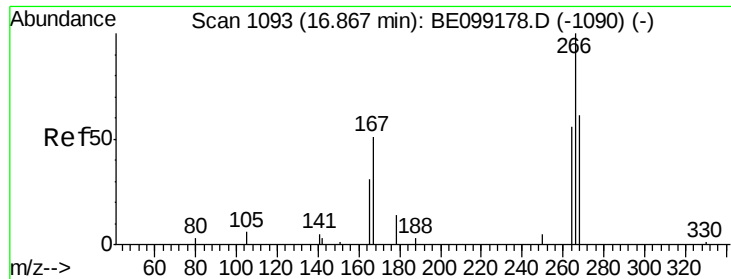
#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.48 min Scan# 1064
Delta R.T. -0.04 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

Tgt Ion: 284 Resp: 47
Ion Ratio Lower Upper
284 100
142 80.9 22.7 34.1#
249 61.7 26.9 40.3#



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: 0.243 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

BNA_E

ClientSampleId :

P007-TW001-01

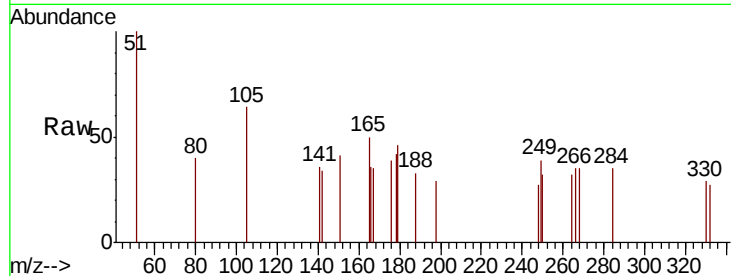
Tgt Ion: 266 Resp: 14

Ion Ratio Lower Upper

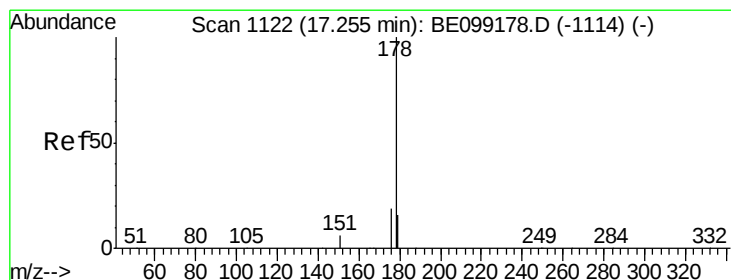
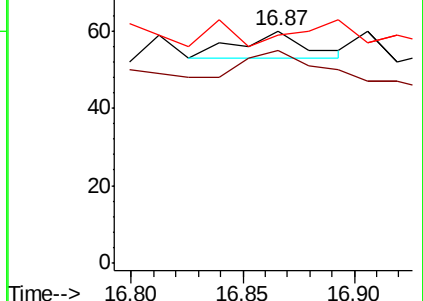
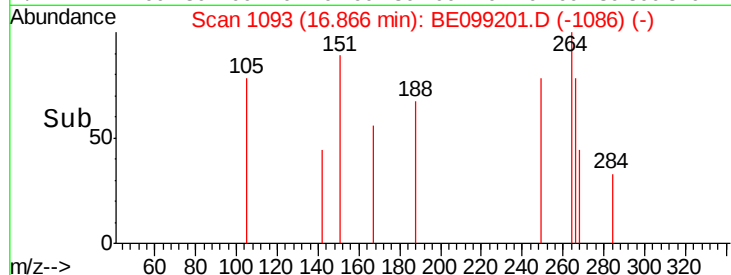
266 100

264 91.7 54.4 81.6#

268 98.3 61.3 91.9#



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: 0.003 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

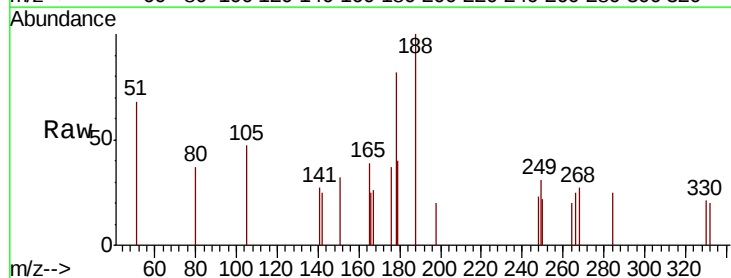
Tgt Ion: 178 Resp: 263

Ion Ratio Lower Upper

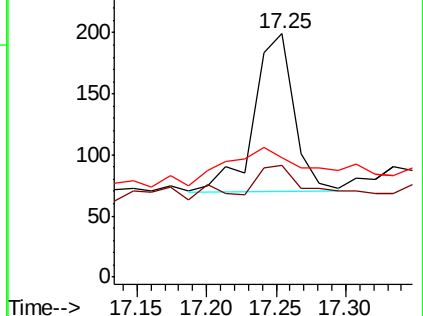
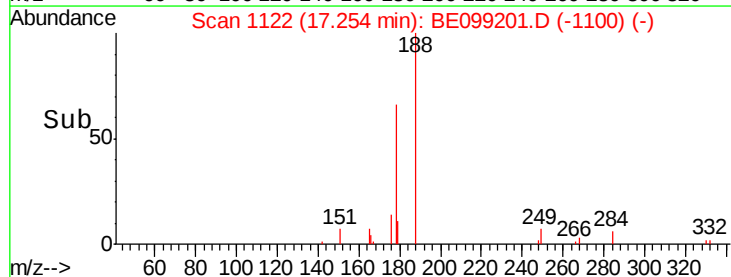
178 100

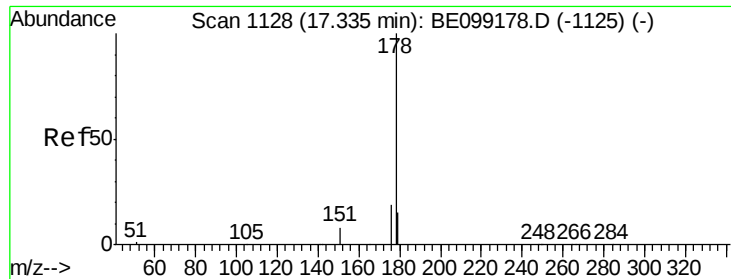
176 35.4 15.4 23.2#

179 62.4 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

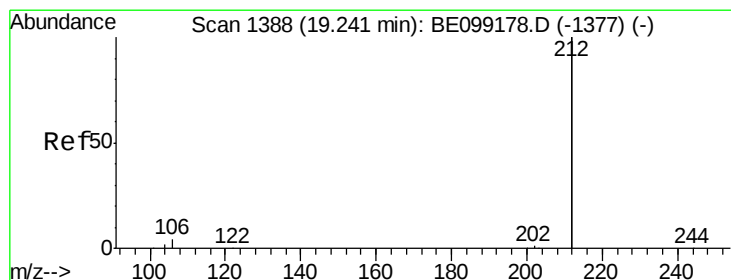
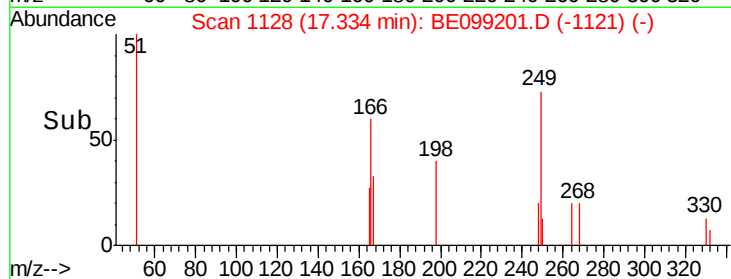
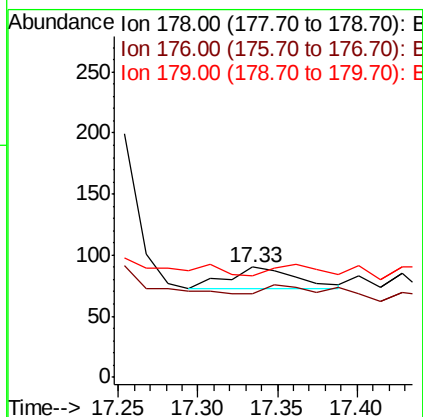
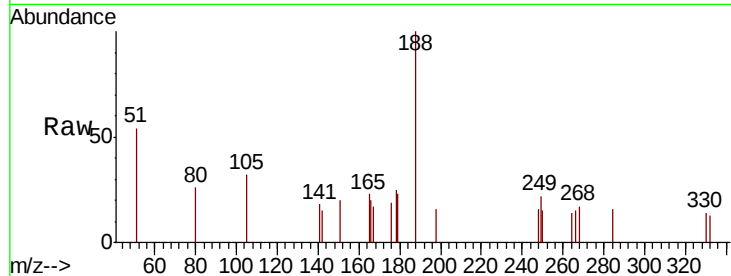




#24
 Anthracene
 Concen: 0.001 ng
 RT: 17.33 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BE099201.D
 Acq: 26 Mar 2019 4:20

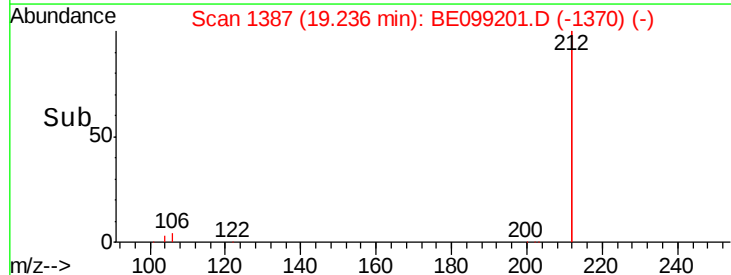
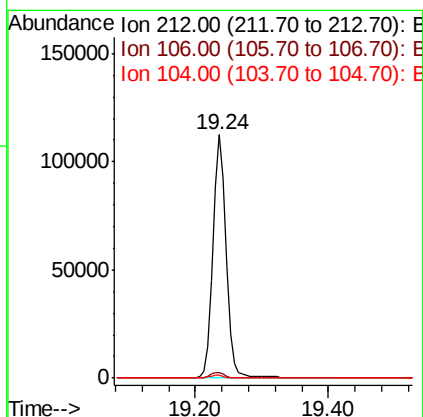
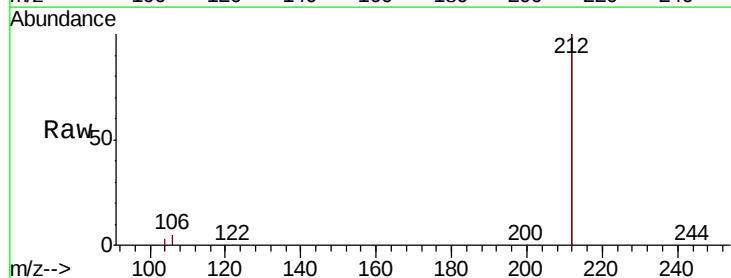
Instrument :
 BNA_E
 ClientSampleId :
 P007-TW001-01

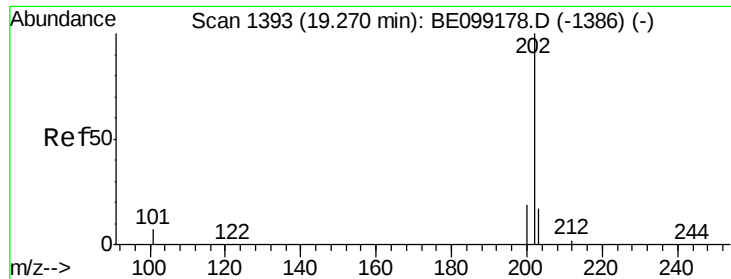
Tgt Ion:178 Resp: 50
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.1 22.7#
 179 0.0 12.4 18.6#



#25
 Fluoranthene-d10
 Concen: 0.402 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE099201.D
 Acq: 26 Mar 2019 4:20

Tgt Ion:212 Resp: 153123
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 1.1 1.7

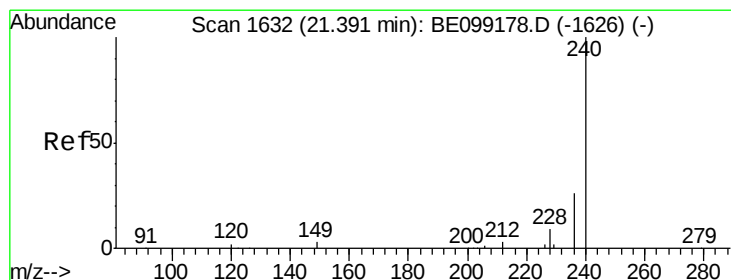
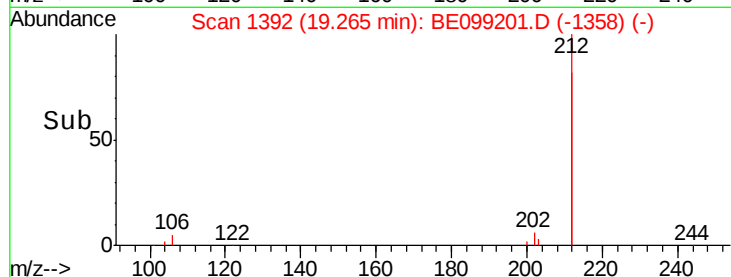
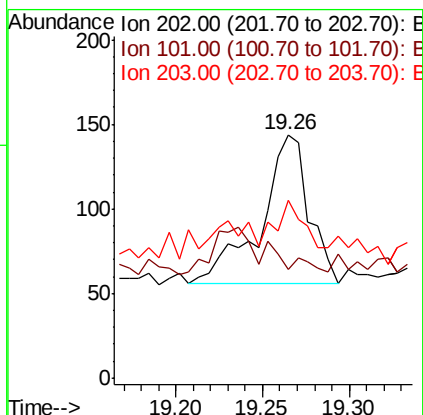
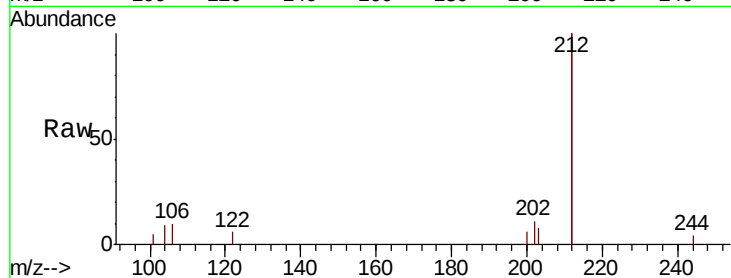




#26
Fluoranthene
Concen: 0.001 ng
RT: 19.26 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

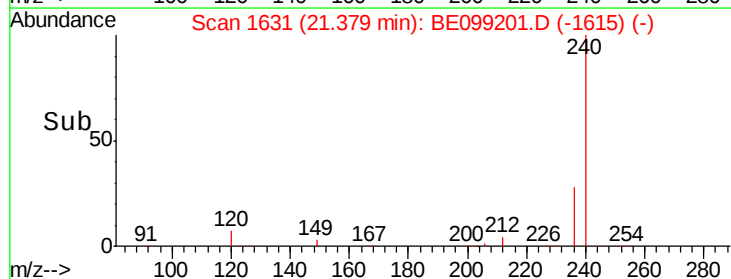
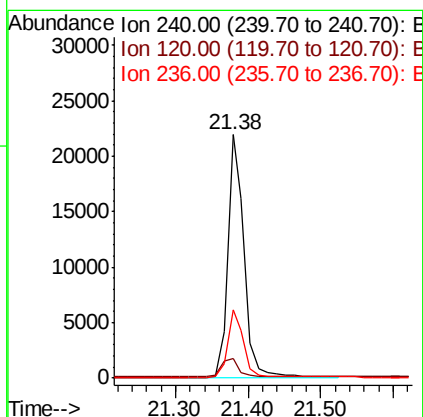
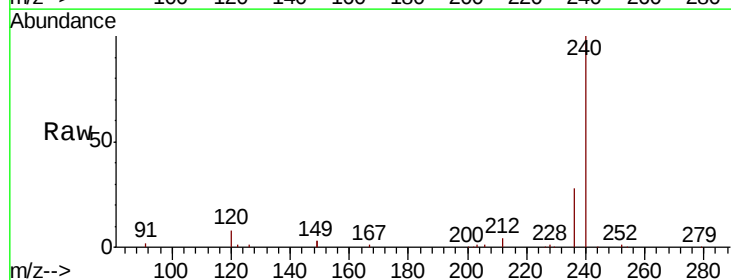
Instrument :
BNA_E
ClientSampleId :
P007-TW001-01

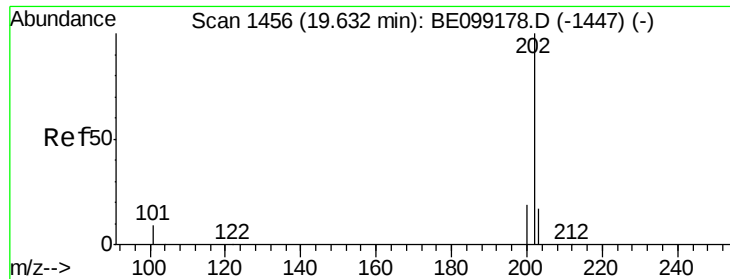
Tgt Ion: 202 Resp: 169
Ion Ratio Lower Upper
202 100
101 0.0 7.0 10.4#
203 21.3 13.8 20.6#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

Tgt Ion: 240 Resp: 34773
Ion Ratio Lower Upper
240 100
120 8.0 2.6 3.8#
236 27.8 20.9 31.3





#28

Pyrene

Concen: 0.002 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

BNA_E

ClientSampleId :

P007-TW001-01

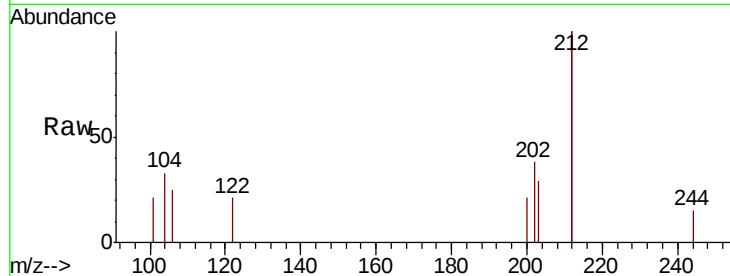
Tgt Ion:202 Resp: 210

Ion Ratio Lower Upper

202 100

200 14.3 15.8 23.8#

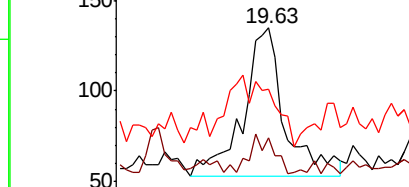
203 0.0 14.1 21.1#



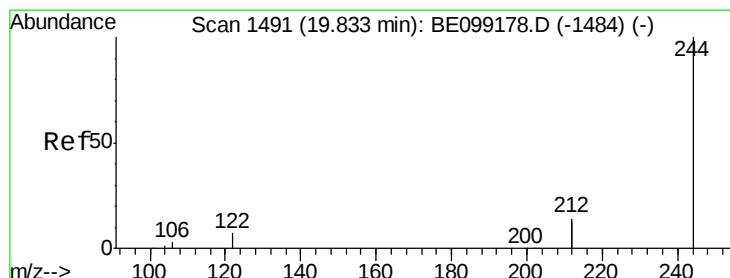
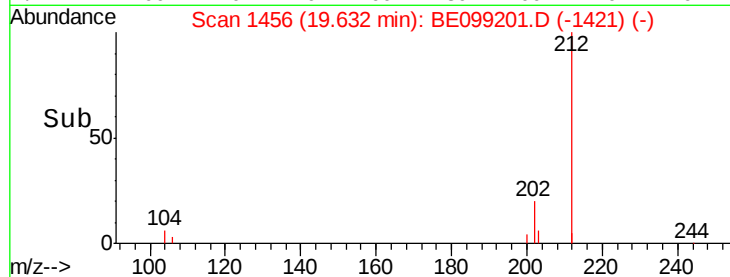
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.50 19.60 19.70



#29

Terphenyl-d14

Concen: 0.414 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

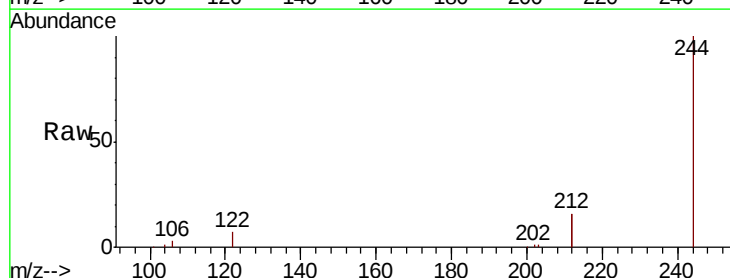
Tgt Ion:244 Resp: 31293

Ion Ratio Lower Upper

244 100

212 31.5 22.7 34.1

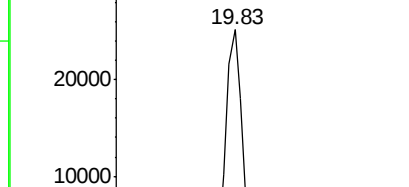
122 7.0 5.8 8.6



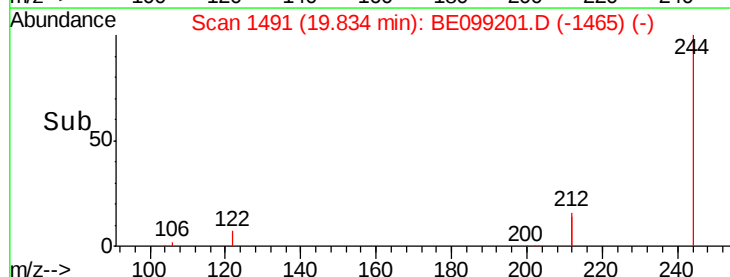
Abundance Ion 244.00 (243.70 to 244.70): E

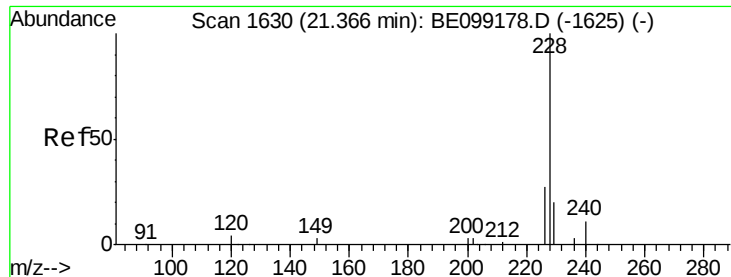
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.80 19.90





#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

BNA_E

ClientSampleId :

P007-TW001-01

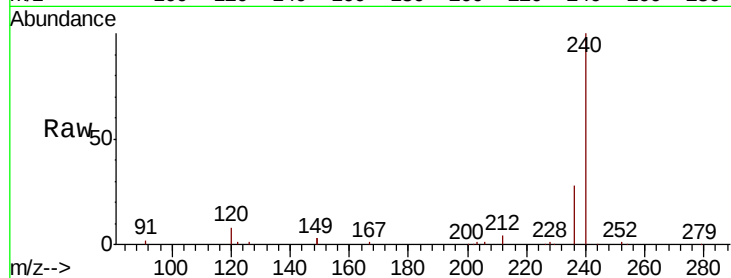
Tgt Ion:228 Resp: 200

Ion Ratio Lower Upper

228 100

226 54.6 21.7 32.5#

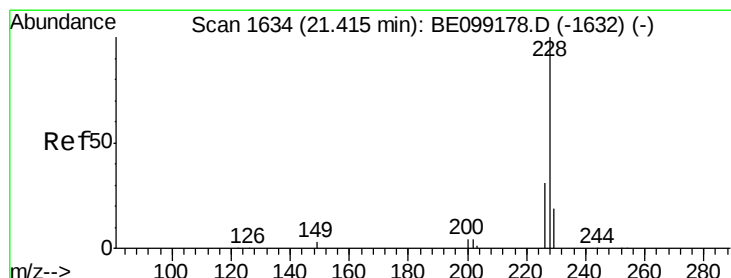
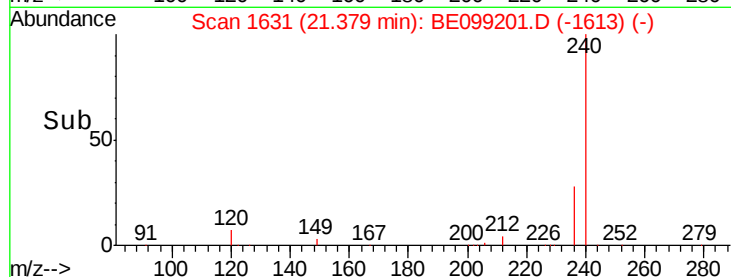
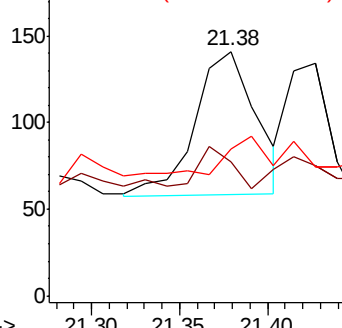
229 60.3 15.9 23.9#



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: 21.38 min Scan# 1631

Delta R.T. -0.04 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

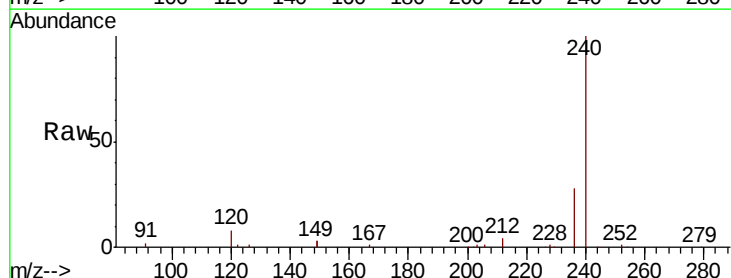
Tgt Ion:228 Resp: 171

Ion Ratio Lower Upper

228 100

226 54.6 24.8 37.2#

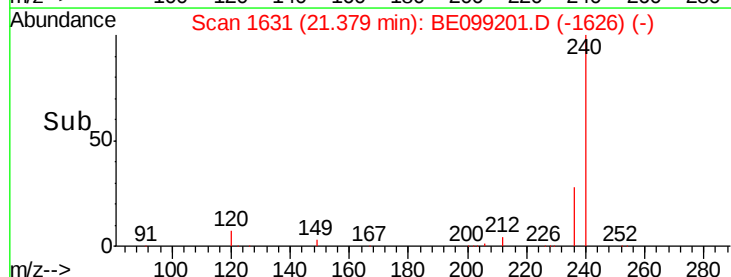
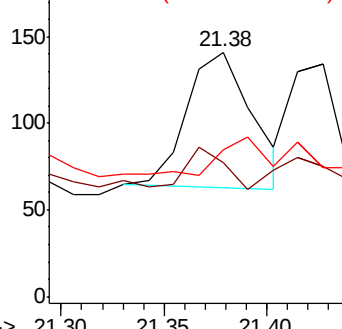
229 60.3 15.4 23.0#

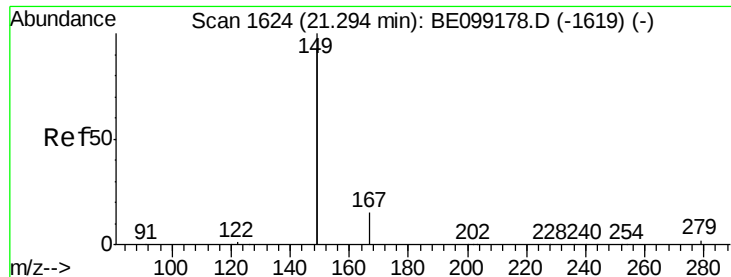


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

BNA_E

ClientSampleId :

P007-TW001-01

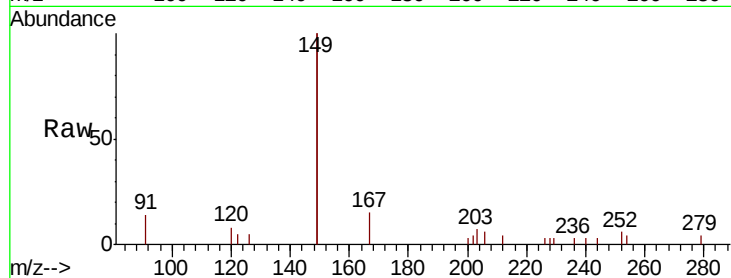
Tgt Ion:149 Resp: 5008

Ion Ratio Lower Upper

149 100

167 6.9 5.9 8.9

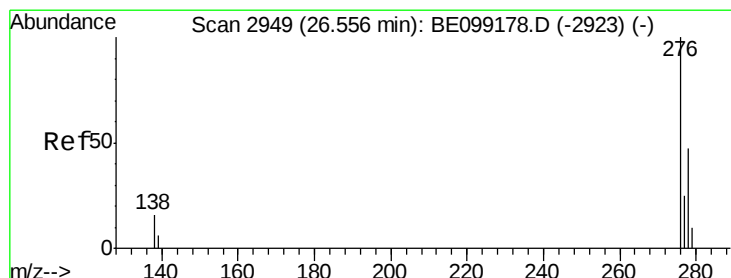
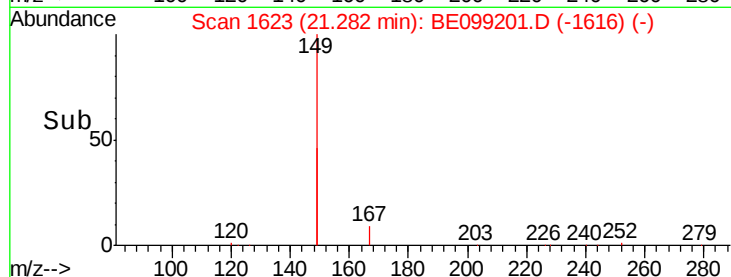
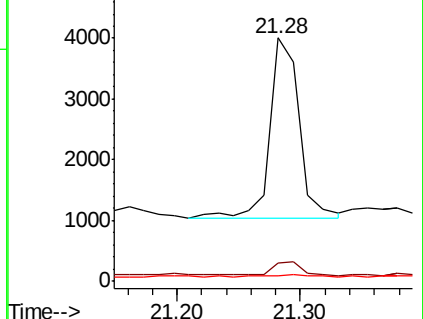
279 1.7 1.0 1.6#



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: 26.55 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

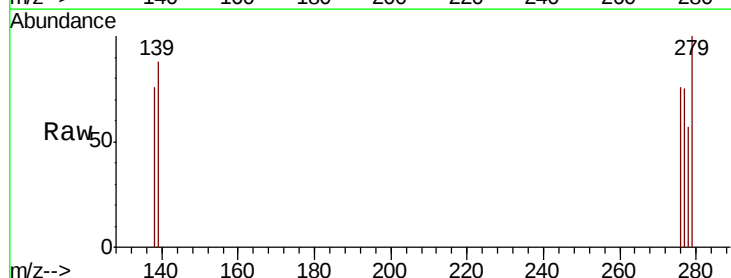
Tgt Ion:276 Resp: 8

Ion Ratio Lower Upper

276 100

138 87.5 12.9 19.3#

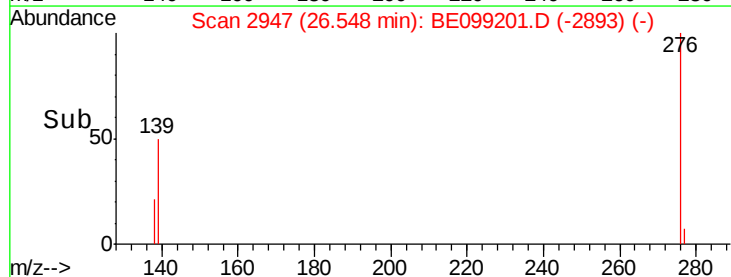
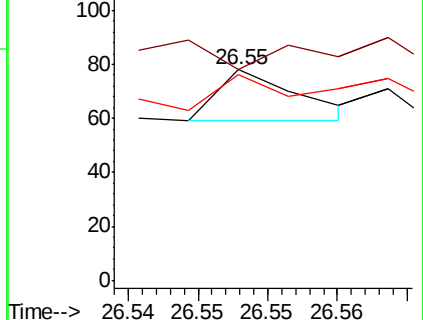
277 137.5 18.3 27.5#

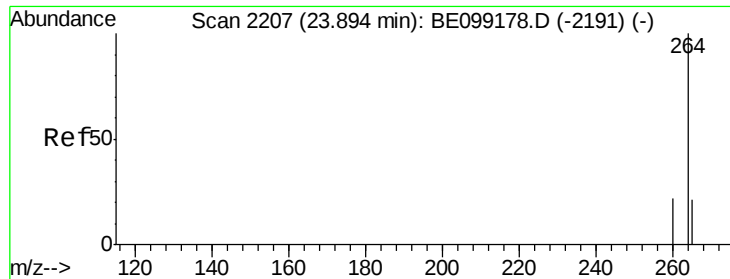


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

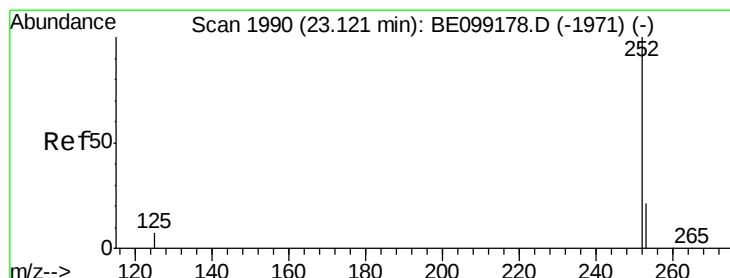
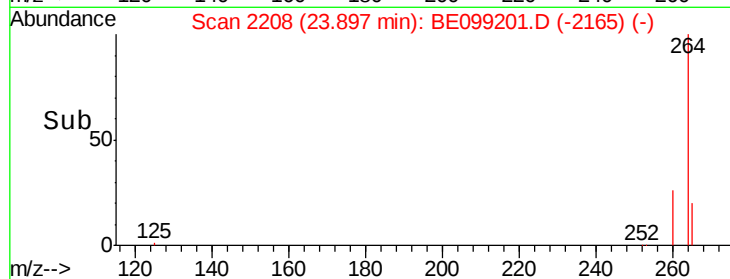
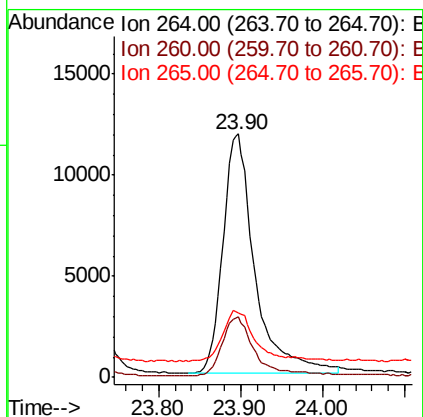
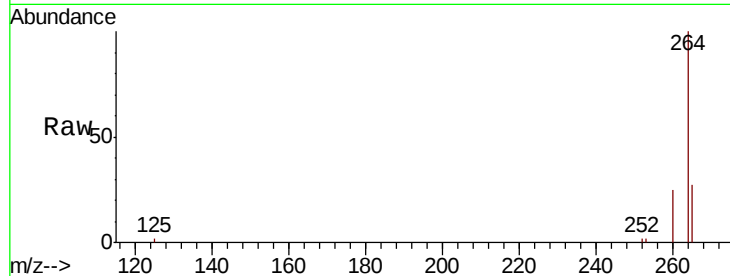




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

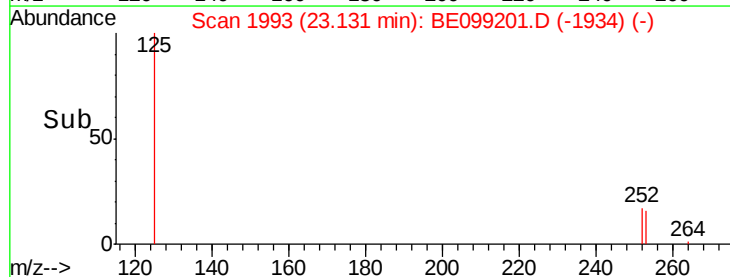
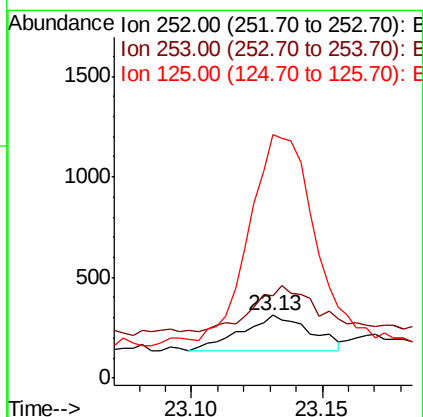
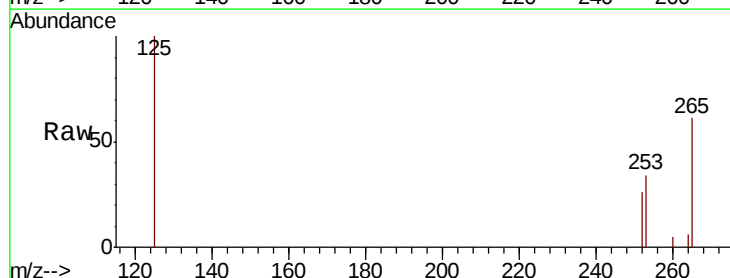
Instrument :
BNA_E
ClientSampleId :
P007-TW001-01

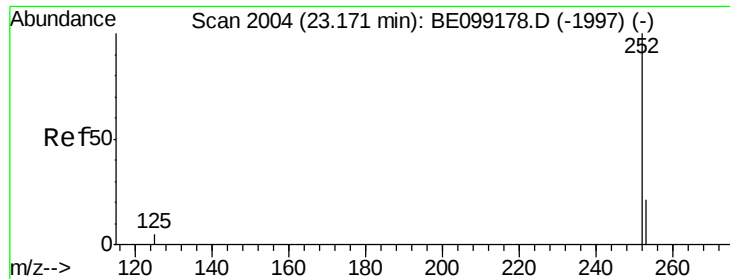
Tgt Ion: 264 Resp: 32308
Ion Ratio Lower Upper
264 100
260 25.1 18.2 27.2
265 26.6 21.8 32.8



#35
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.13 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BE099201.D
Acq: 26 Mar 2019 4:20

Tgt Ion: 252 Resp: 317
Ion Ratio Lower Upper
252 100
253 131.2 17.8 26.8#
125 389.1 6.1 9.1#





#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.17 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

BNA_E

ClientSampleId :

P007-TW001-01

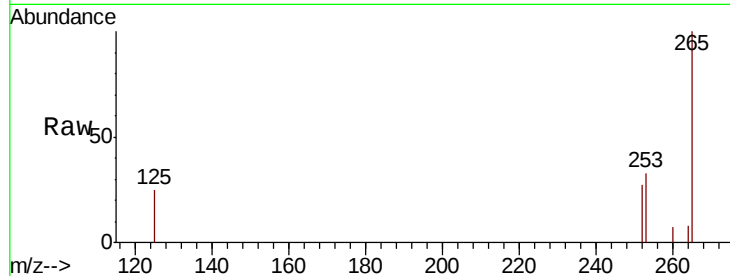
Tgt Ion: 252 Resp: 60

Ion Ratio Lower Upper

252 100

253 118.5 17.8 26.6#

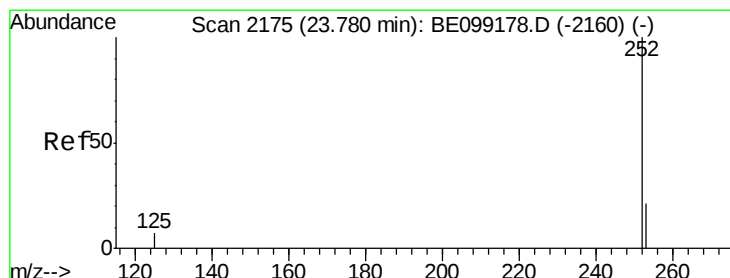
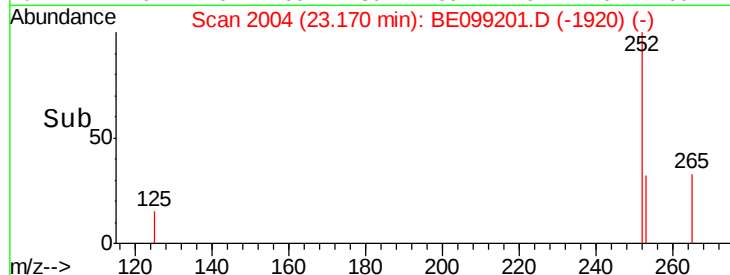
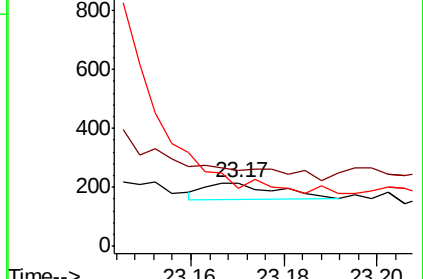
125 91.7 5.9 8.9#



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: 23.77 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

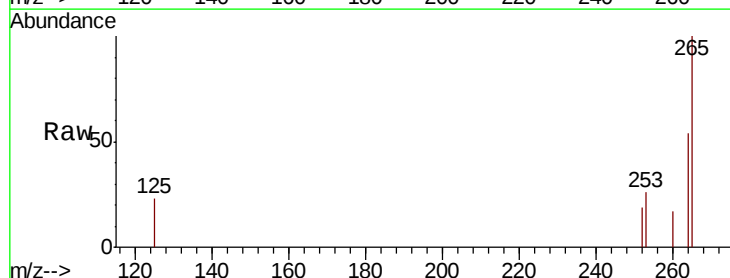
Tgt Ion: 252 Resp: 16

Ion Ratio Lower Upper

252 100

253 132.9 18.1 27.1#

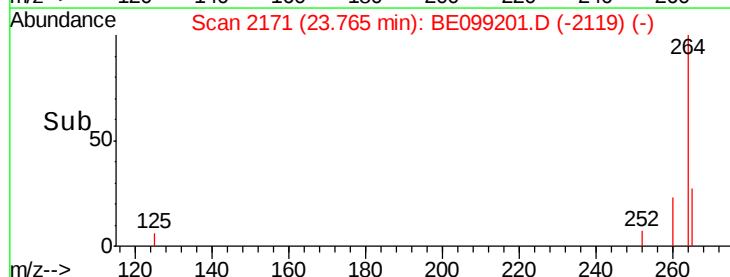
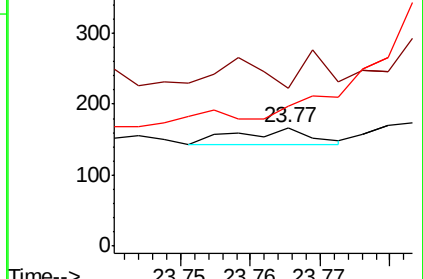
125 118.0 6.8 10.2#

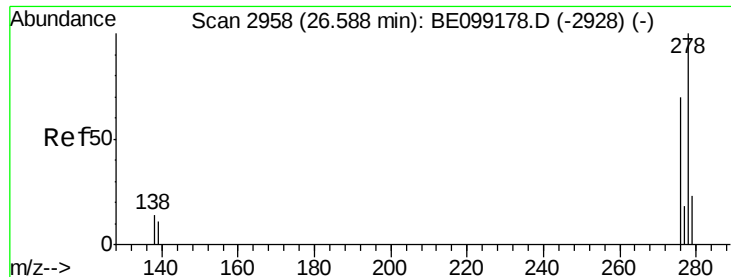


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.59 min Scan# 2960

Delta R.T. 0.01 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

Instrument :

BNA_E

ClientSampleId :

P007-TW001-01

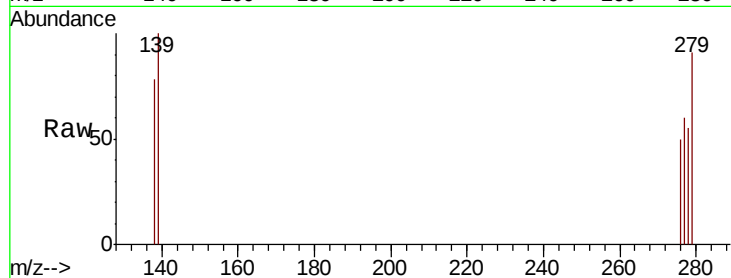
Tgt Ion:278 Resp: 9

Ion Ratio Lower Upper

278 100

139 182.9 9.5 14.3#

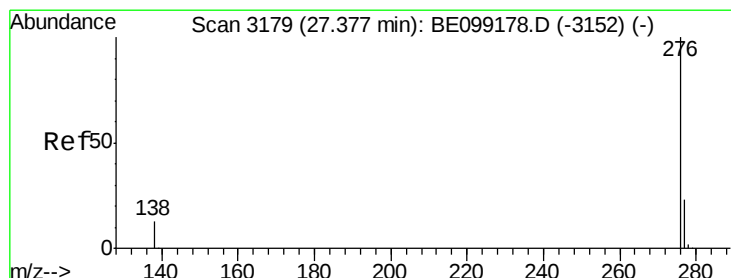
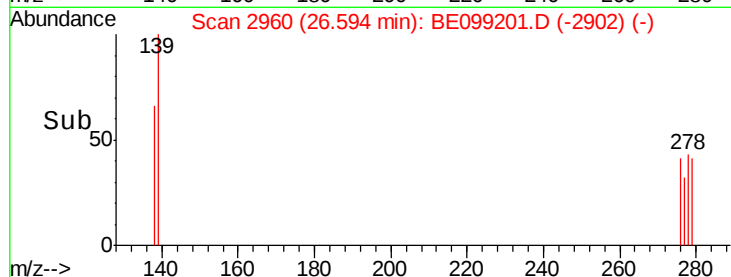
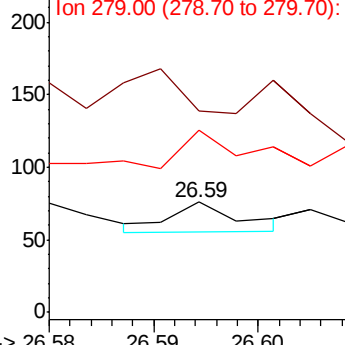
279 165.8 19.1 28.7#



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: 27.38 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BE099201.D

Acq: 26 Mar 2019 4:20

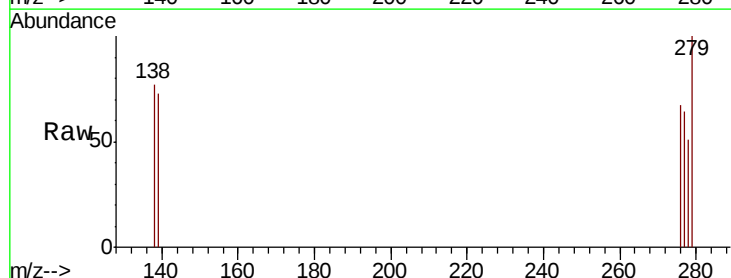
Tgt Ion:276 Resp: 8

Ion Ratio Lower Upper

276 100

277 95.9 19.0 28.4#

138 114.9 11.1 16.7#



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

