

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099866.D
 Acq On : 7 Jun 2019 23:18
 Operator : JU/SJ
 Sample : K3221-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190604

Quant Time: Jun 08 04:34:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	818	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2791	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	2094	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	6153	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9981	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11934	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	357	0.13	ng	0.00
5) Phenol-d6	6.97	99	285	0.08	ng	0.00
8) Nitrobenzene-d5	8.96	82	963	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1657	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	563	0.27	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	2986	0.39	ng	-0.02
25) Fluoranthene-d10	19.25	212	34372	0.36	ng	-0.01
29) Terphenyl-d14	19.84	244	7952	0.43	ng	-0.01

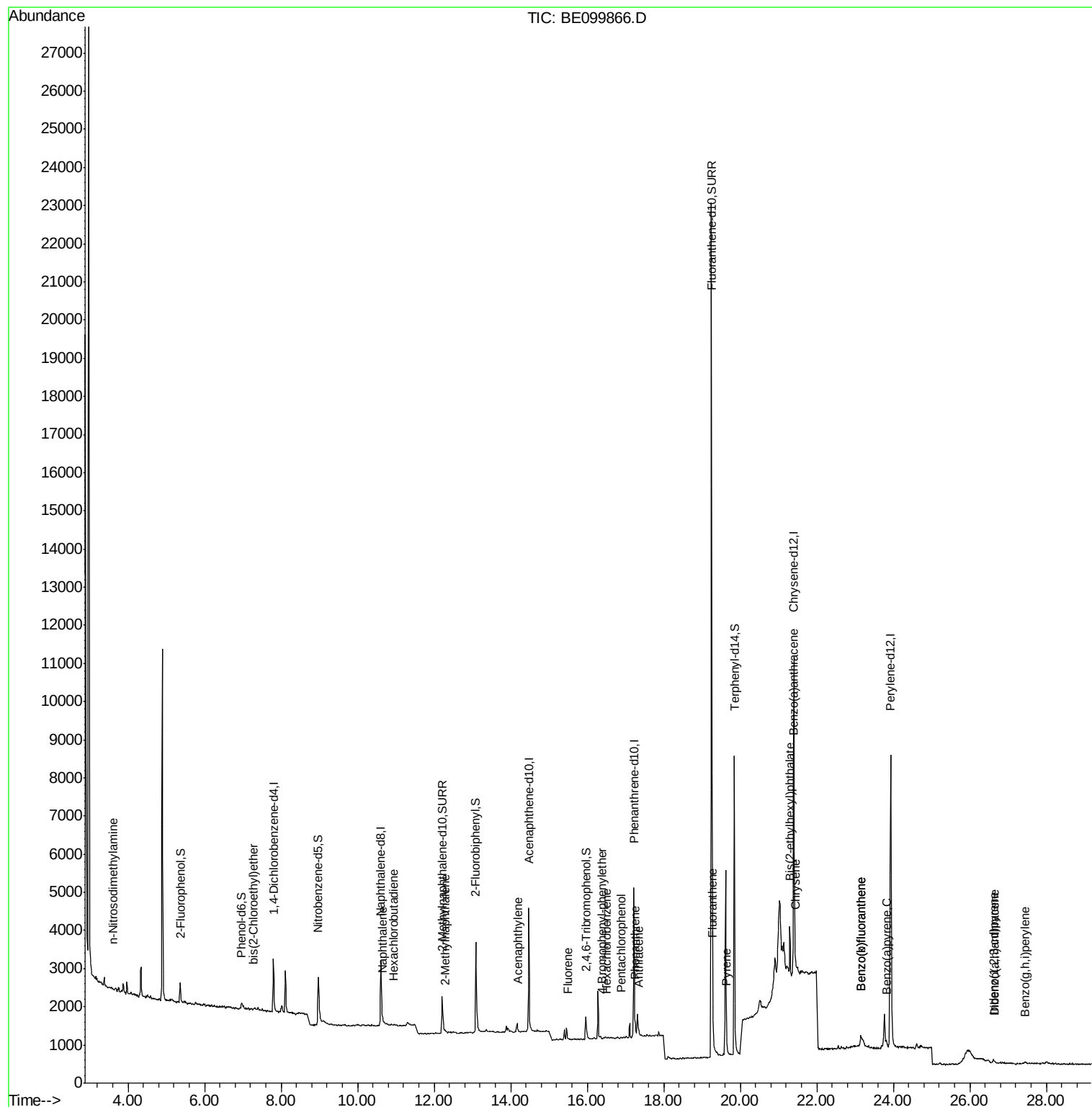
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	19	Below Cal		# 30
3) n-Nitrosodimethylamine	3.60	42	30	0.038	ng	# 1
6) bis(2-Chloroethyl)ether	7.28	93	17	0.007	ng	# 1
9) Naphthalene	10.65	128	184	0.006	ng	# 47
10) Hexachlorobutadiene	10.93	225	4	0.002	ng	# 19
12) 2-Methylnaphthalene	12.28	142	33	0.006	ng	# 70
16) Acenaphthylene	14.18	152	36	0.003	ng	# 61
18) Fluorene	15.50	166	26	0.003	ng	# 1
20) 4-Bromophenyl-phenylether	16.37	248	10	0.003	ng	# 64
21) Hexachlorobenzene	16.51	284	5	0.001	ng	# 1
22) Pentachlorophenol	16.88	266	21	0.245	ng	# 80
23) Phenanthrene	17.26	178	167	0.011	ng	# 78
24) Anthracene	17.35	178	53	0.004	ng	# 54
26) Fluoranthene	19.28	202	288	0.011	ng	# 91
28) Pyrene	19.64	202	286	0.011	ng	# 87
30) Benzo(a)anthracene	21.39	228	274	0.009	ng	# 15
31) Chrysene	21.44	228	227	0.007	ng	# 20
32) Bis(2-ethylhexyl)phthalate	21.29	149	1684	0.033	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.62	276	60	0.002	ng	# 77
35) Benzo(b)fluoranthene	23.15	252	345	0.010	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	345	0.010	ng	# 1
37) Benzo(a)pyrene	23.82	252	189	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	11	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	61	0.002	ng	# 1

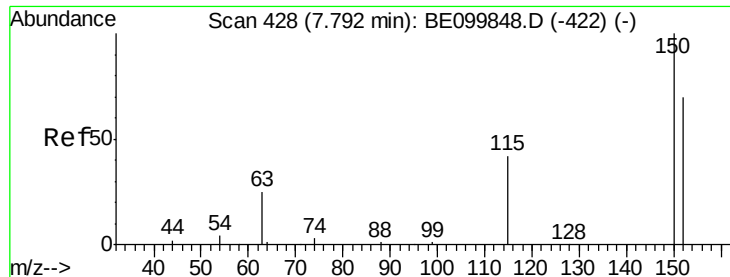
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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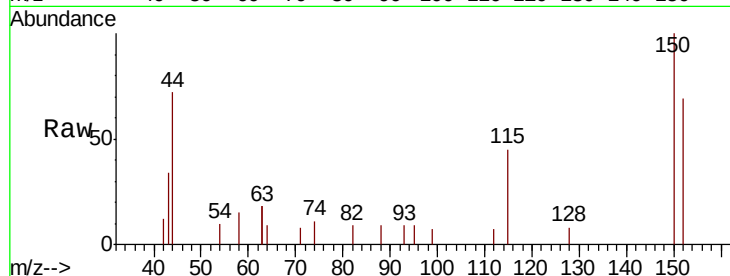


#1

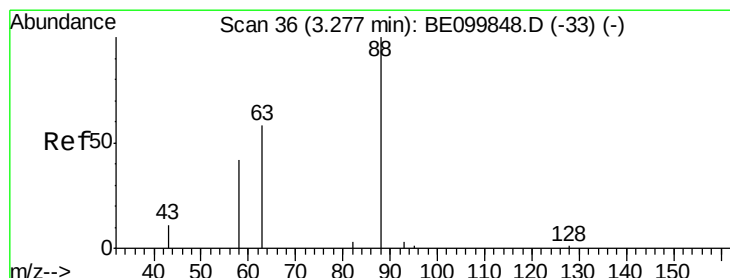
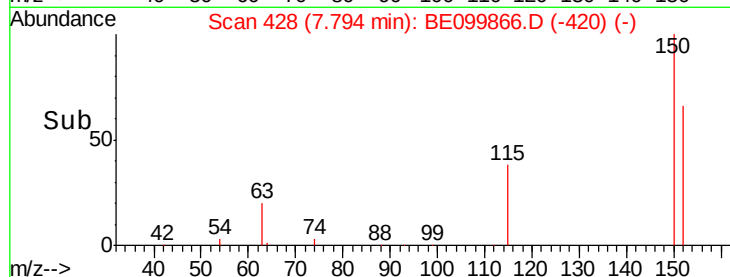
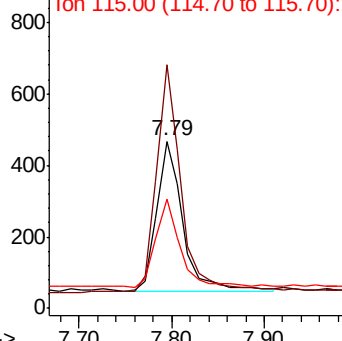
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099866.D
Acq: 7 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW06-20190604

Tgt Ion: 152 Resp: 818
Ion Ratio Lower Upper
152 100
150 145.5 112.8 169.2
115 65.2 47.6 71.4



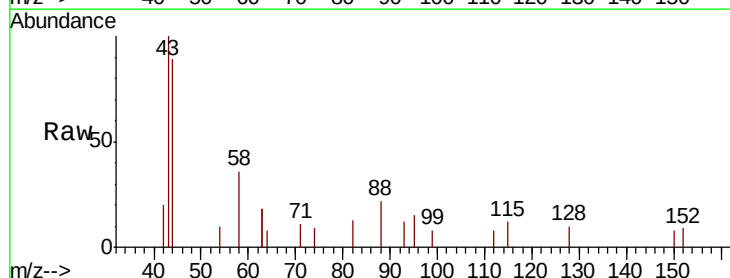
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



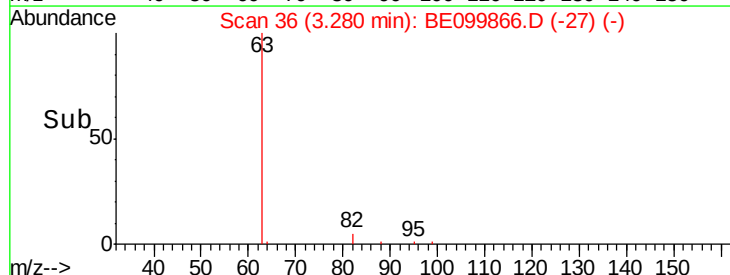
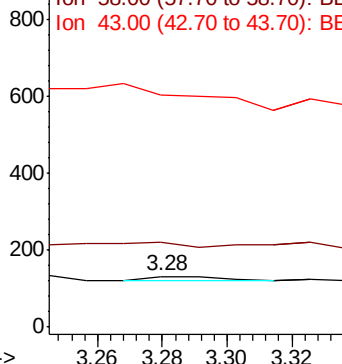
#2

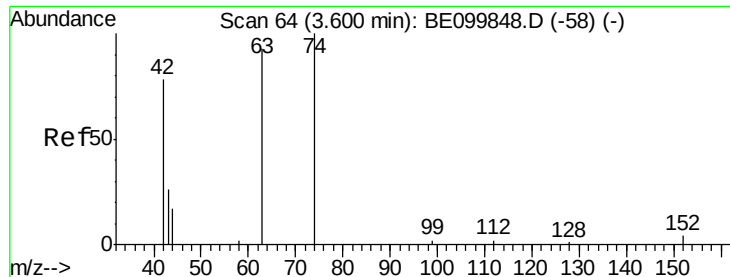
1,4-Dioxane
Concen: Below Cal
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099866.D
Acq: 7 Jun 2019 23:18

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
58 0.0 47.3 70.9#
43 0.0 18.2 27.4#



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: 0.038 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190604

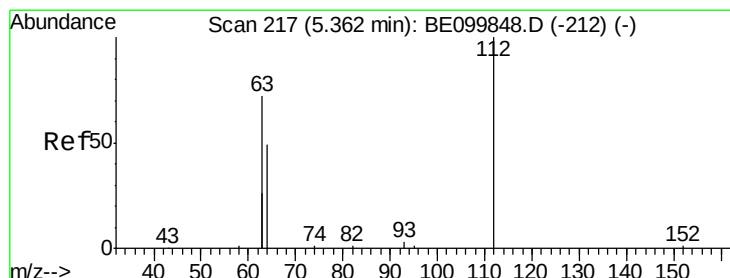
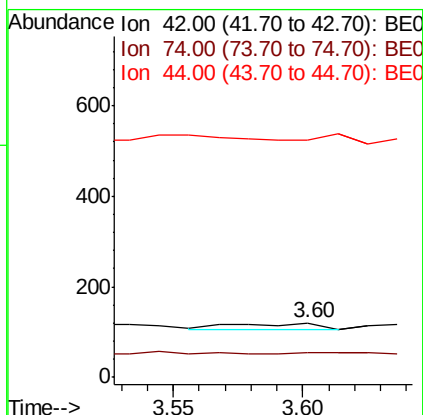
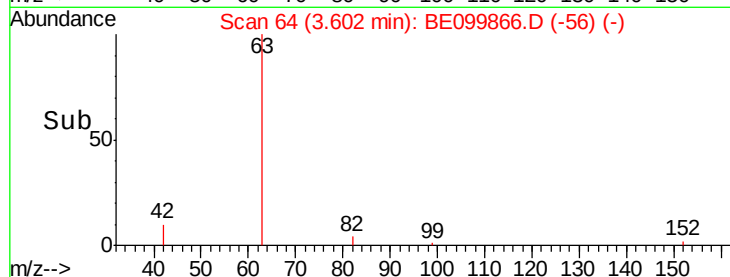
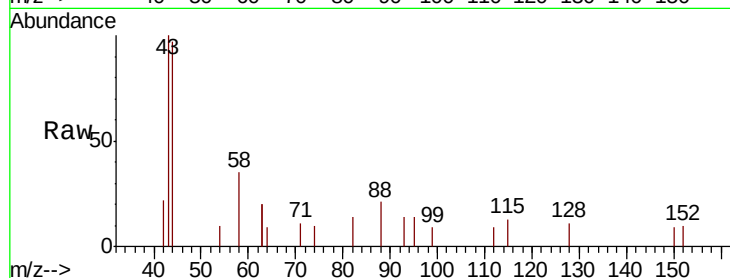
Tgt Ion: 42 Resp: 30

Ion Ratio Lower Upper

42 100

74 20.0 132.6 198.8#

44 66.7 13.4 20.0#



#4

2-Fluorophenol

Concen: 0.130 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

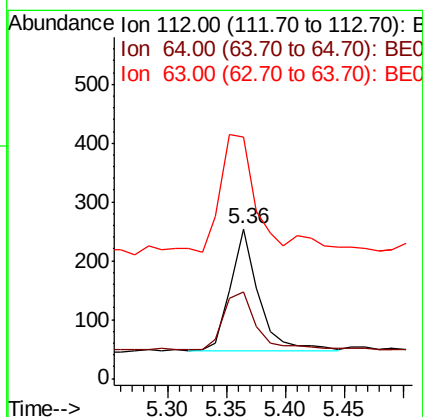
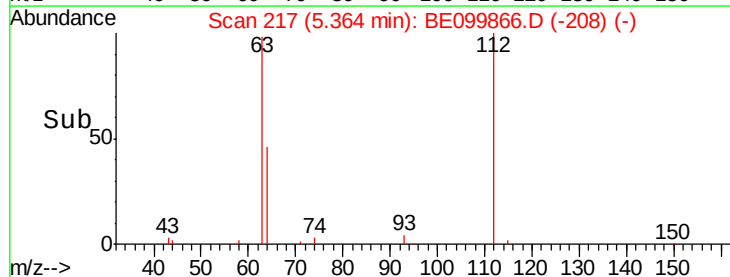
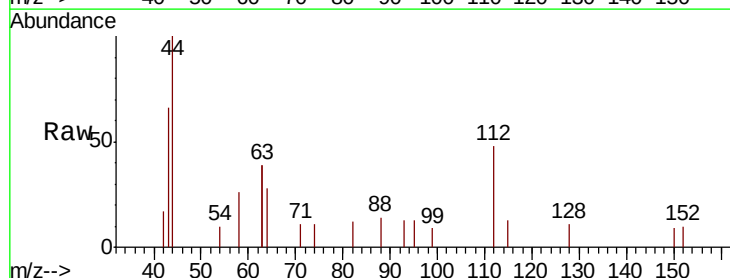
Tgt Ion: 112 Resp: 357

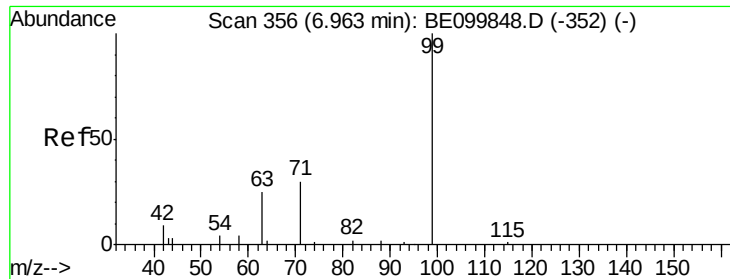
Ion Ratio Lower Upper

112 100

64 58.3 47.2 70.8

63 102.5 90.7 136.1





#5

Phenol-d6

Concen: 0.084 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190604

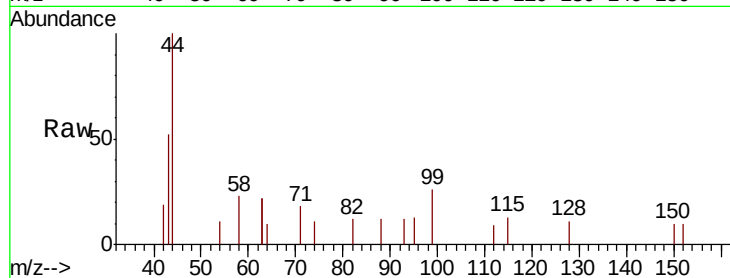
Tgt Ion: 99 Resp: 285

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

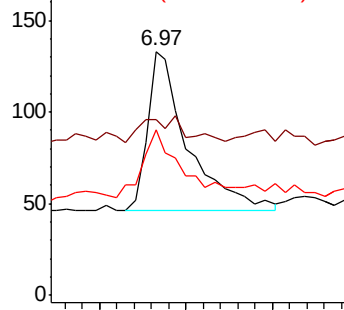
71 43.5 26.1 39.1#



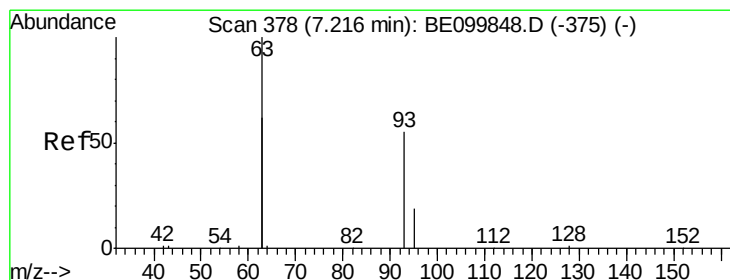
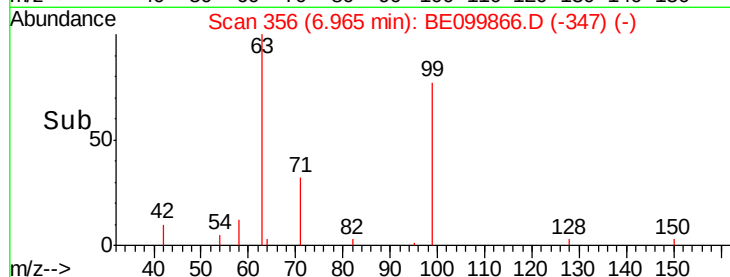
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 0.007 ng

RT: 7.28 min Scan# 383

Delta R.T. 0.05 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

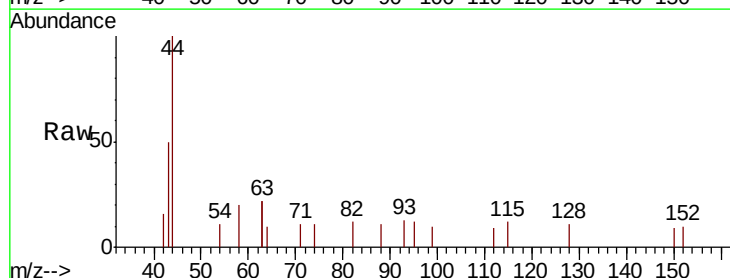
Tgt Ion: 93 Resp: 17

Ion Ratio Lower Upper

93 100

63 447.1 208.8 313.2#

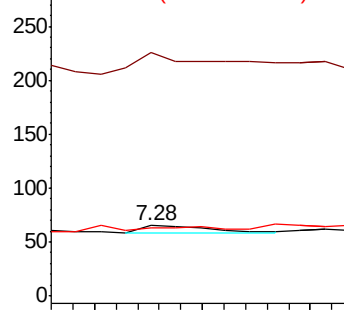
95 0.0 27.6 41.4#



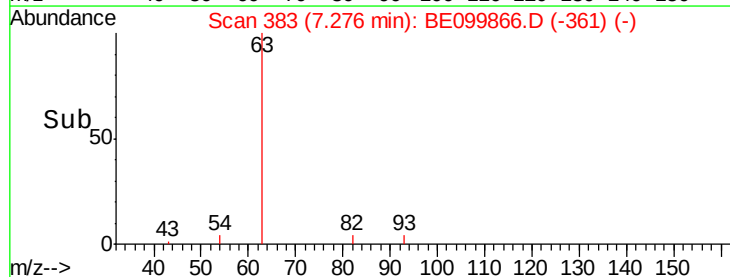
Abundance Ion 93.00 (92.70 to 93.70): BE0

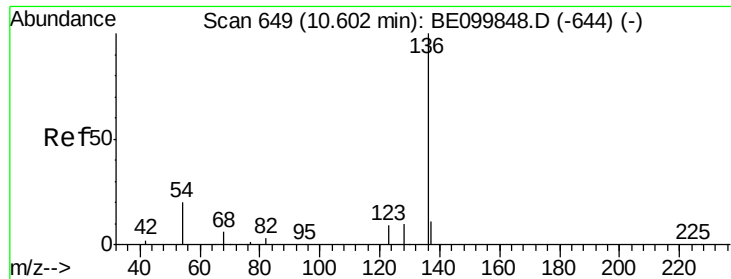
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

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Tgt Ion: 136 Resp: 2791

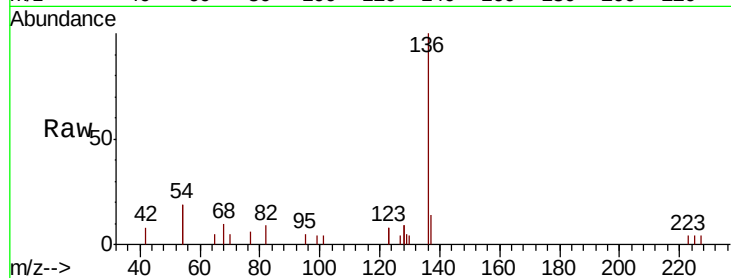
Ion Ratio Lower Upper

136 100

137 14.1 11.1 16.7

54 37.4 17.9 26.9#

68 10.1 5.4 8.0#

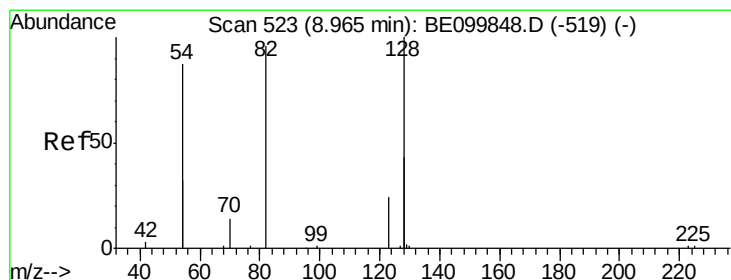
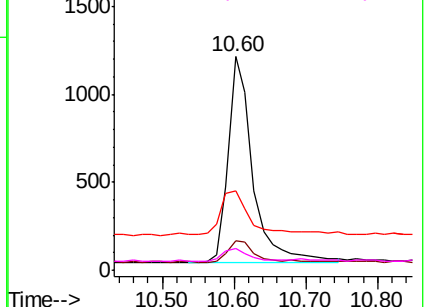
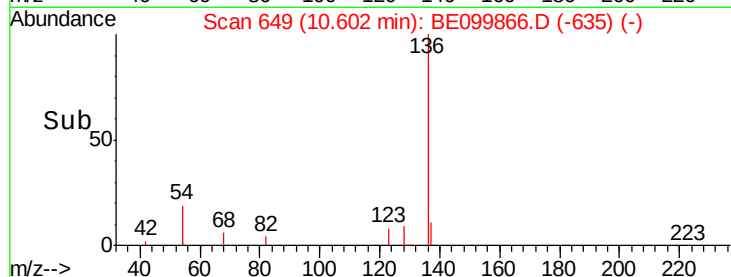


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.342 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

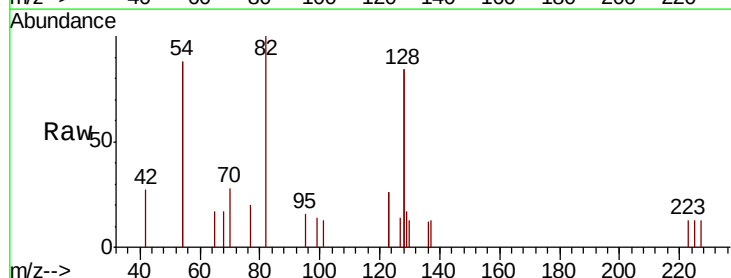
Tgt Ion: 82 Resp: 963

Ion Ratio Lower Upper

82 100

128 168.5 116.6 175.0

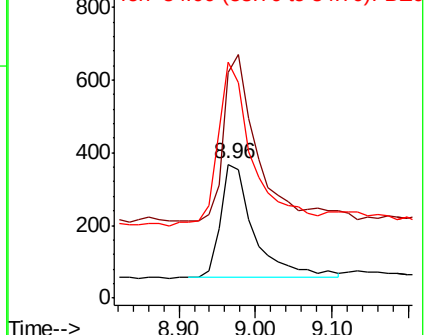
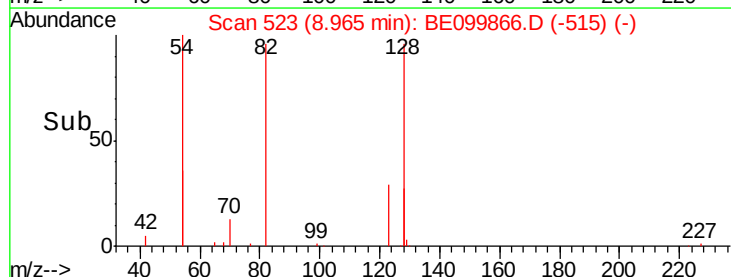
54 176.1 136.2 204.4

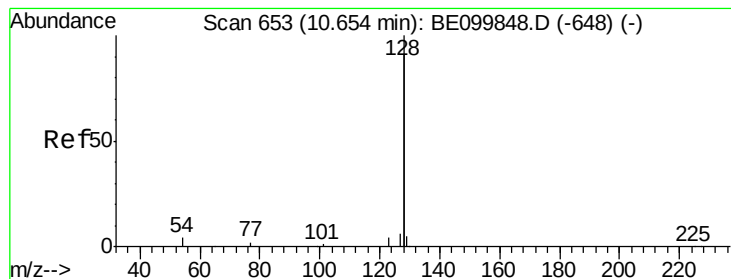


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.006 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099866.D

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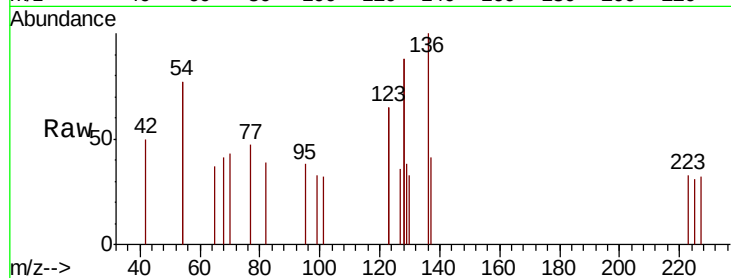
Tgt Ion:128 Resp: 184

Ion Ratio Lower Upper

128 100

129 21.5 2.6 4.0#

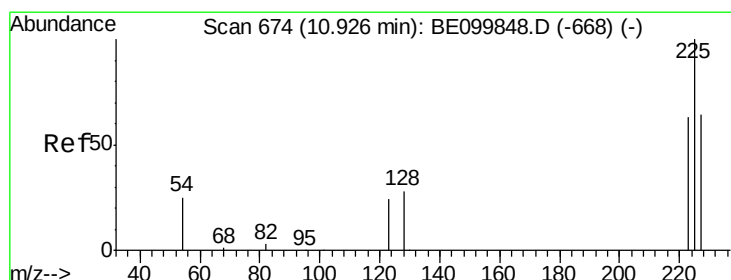
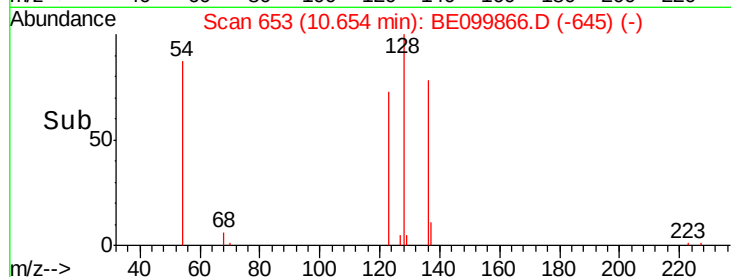
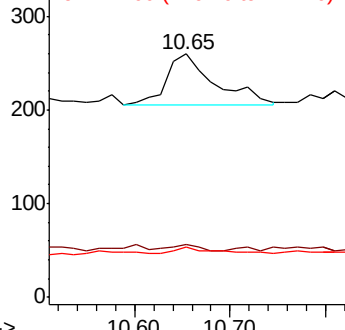
127 20.4 3.0 4.6#



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: 0.002 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

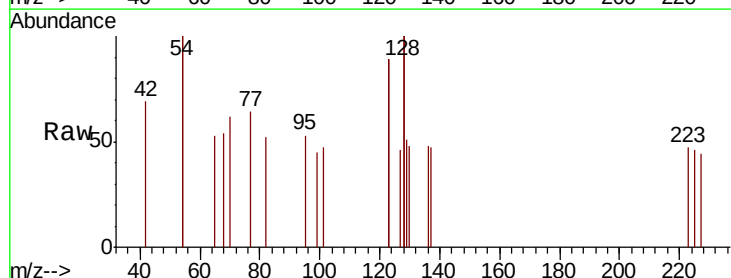
Tgt Ion:225 Resp: 4

Ion Ratio Lower Upper

225 100

223 0.0 48.6 72.8#

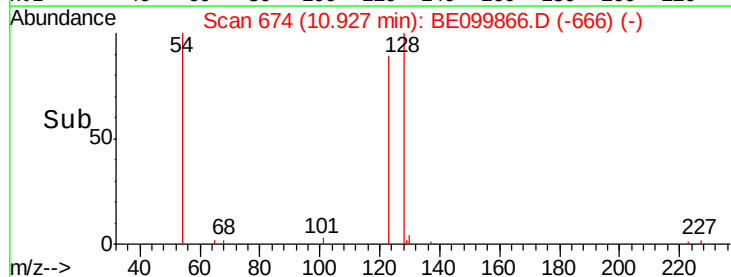
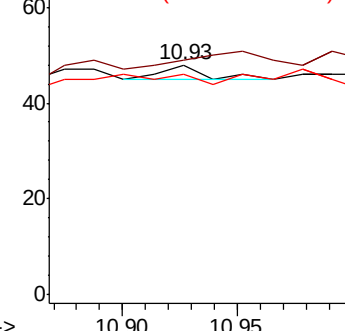
227 0.0 51.6 77.4#

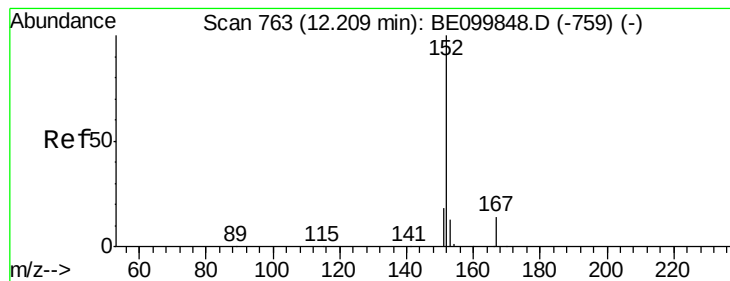


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.328 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099866.D

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ClientSampleId :

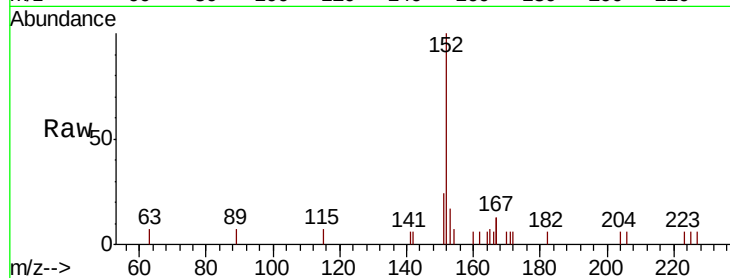
BP-TT-AOC22-MW06-20190604

Tgt Ion:152 Resp: 1657

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

600

400

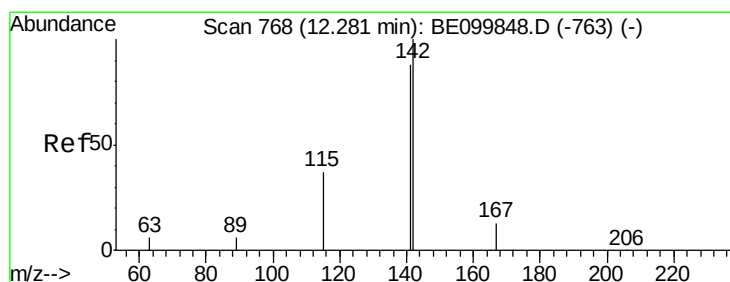
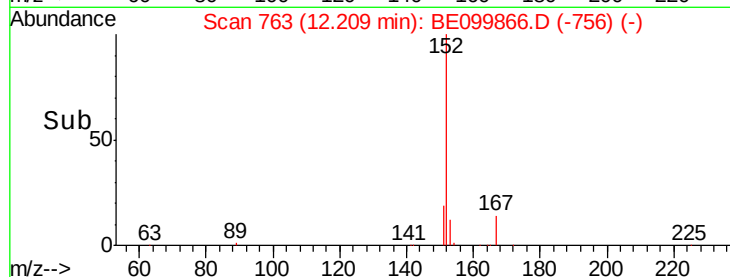
200

0

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.006 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

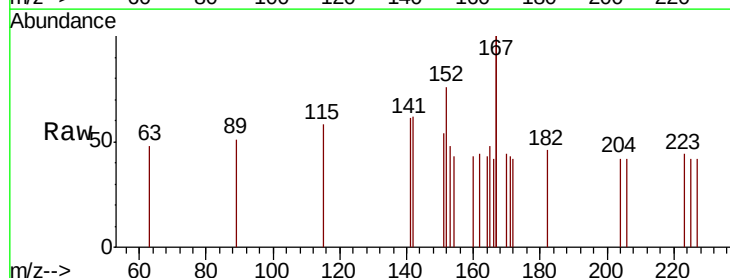
Tgt Ion:142 Resp: 33

Ion Ratio Lower Upper

142 100

141 98.5 73.3 109.9

115 92.4 33.4 50.2#



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

12.28

80

60

40

20

0

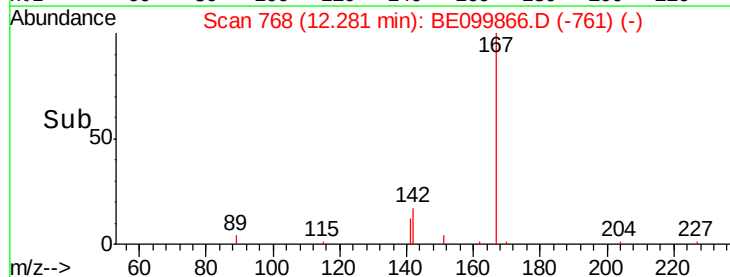
12.20

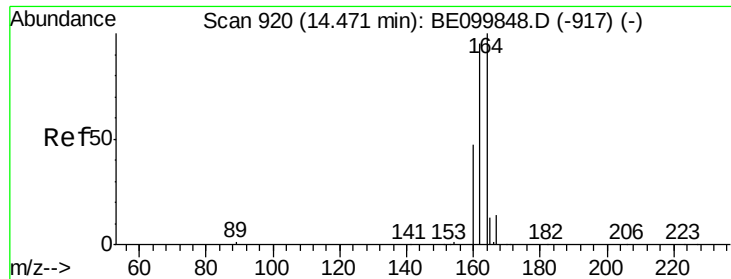
12.25

12.30

12.35

Time-->

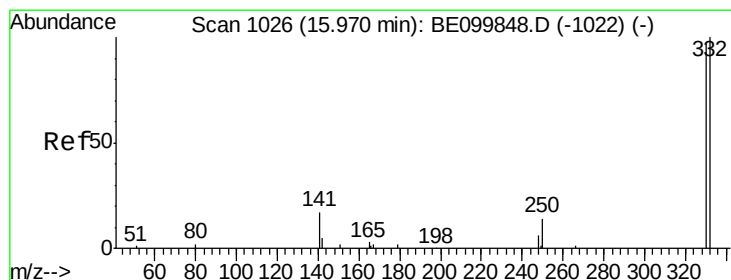
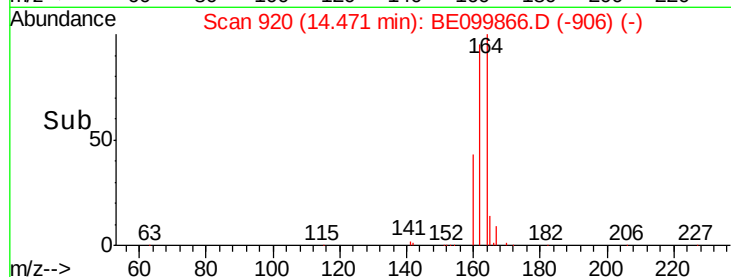
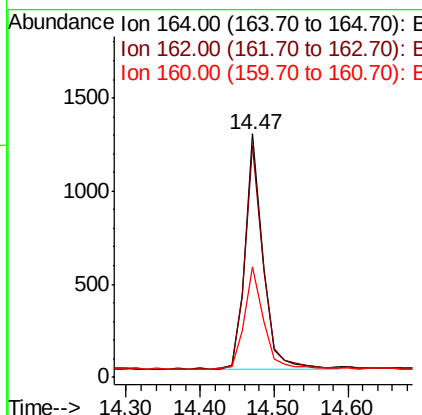
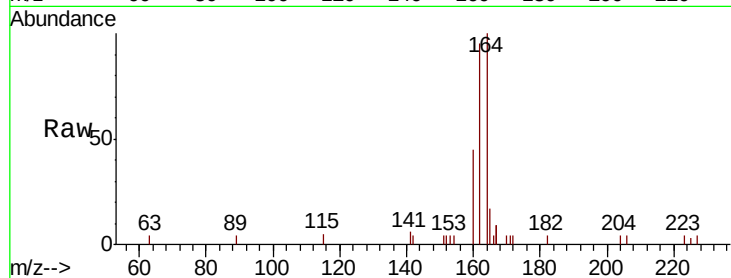




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099866.D
 Acq: 7 Jun 2019 23:18

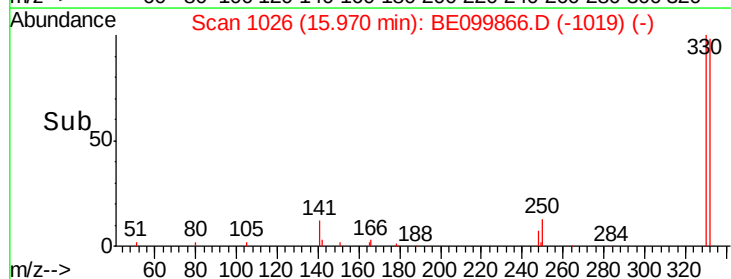
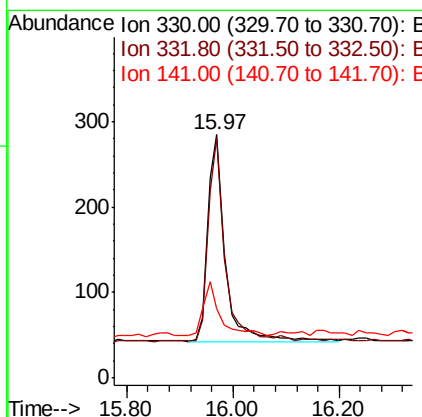
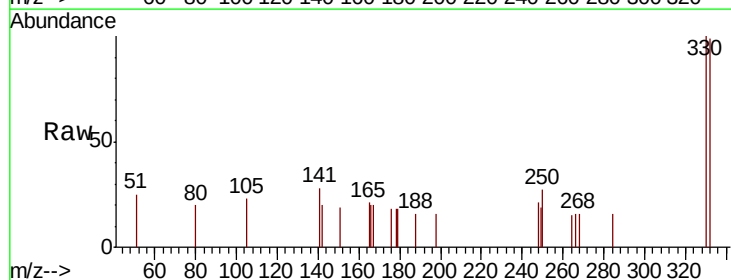
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190604

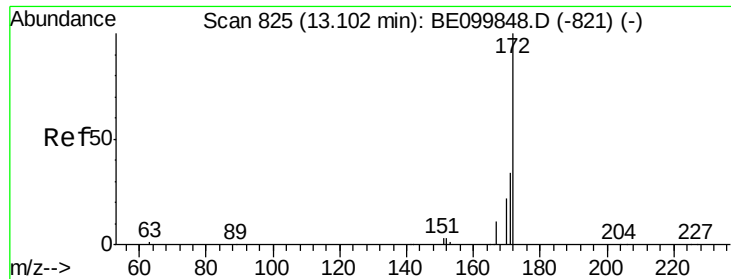
Tgt Ion:164 Resp: 2094
 Ion Ratio Lower Upper
 164 100
 162 95.2 77.2 115.8
 160 45.4 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.272 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099866.D
 Acq: 7 Jun 2019 23:18

Tgt Ion:330 Resp: 563
 Ion Ratio Lower Upper
 330 100
 332 90.9 74.9 112.3
 141 23.3 16.0 24.0

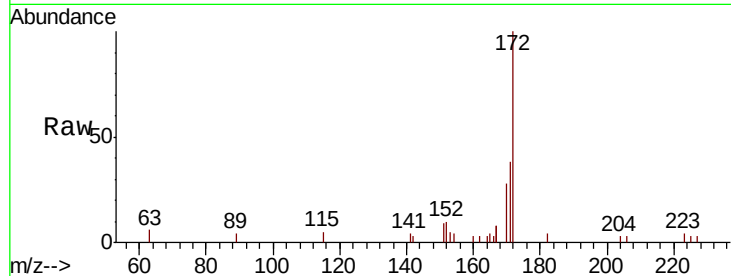




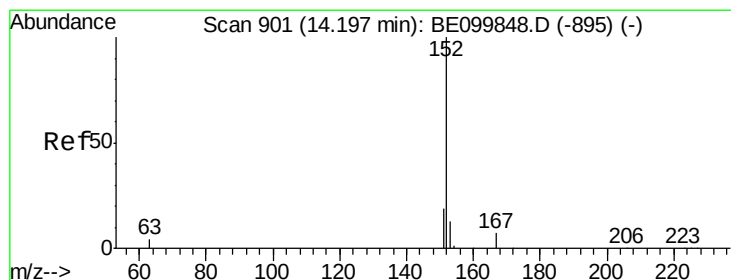
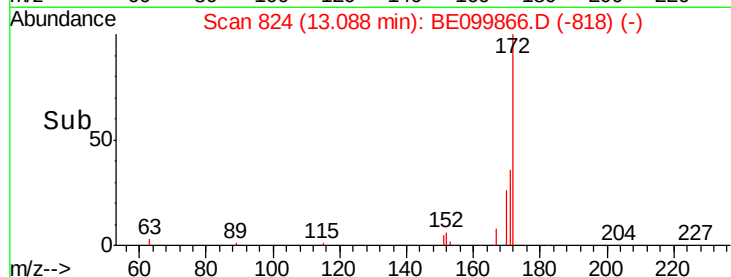
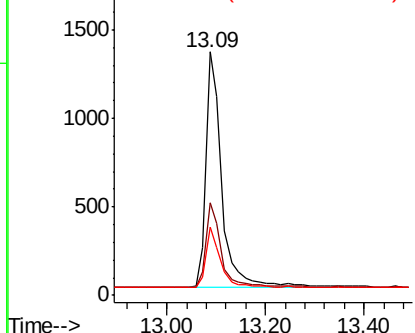
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.02 min
Lab File: BE099866.D
Acq: 7 Jun 2019 23:18

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW06-20190604

Tgt Ion:172 Resp: 2986
Ion Ratio Lower Upper
172 100
171 37.9 30.2 45.4
170 28.1 20.1 30.1

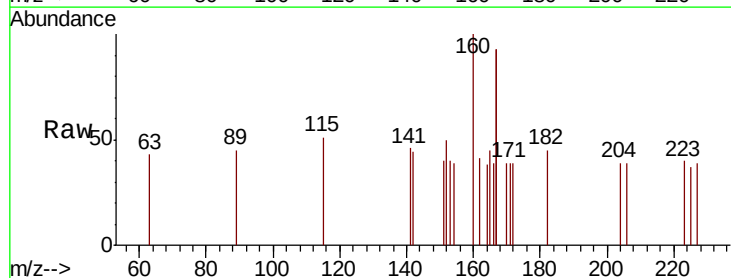


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

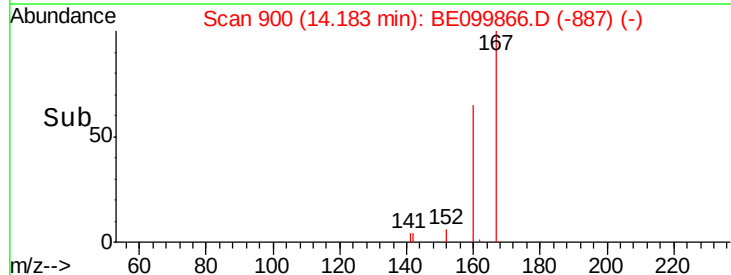
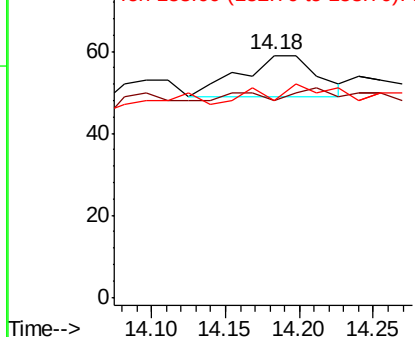


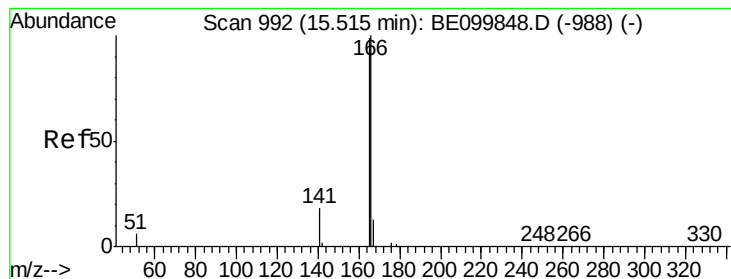
#16
Acenaphthylene
Concen: 0.003 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE099866.D
Acq: 7 Jun 2019 23:18

Tgt Ion:152 Resp: 36
Ion Ratio Lower Upper
152 100
151 0.0 15.9 23.9#
153 0.0 10.8 16.2#



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





#18

Fluorene

Concen: 0.003 ng

RT: 15.50 min Scan# 991

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190604

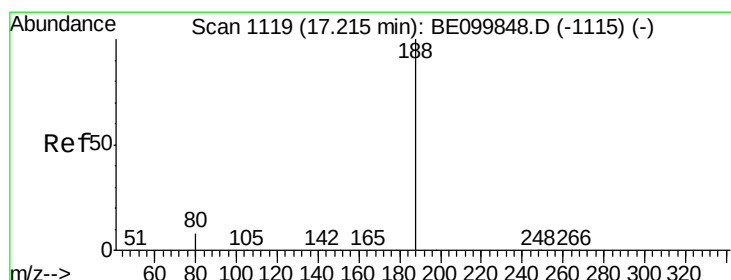
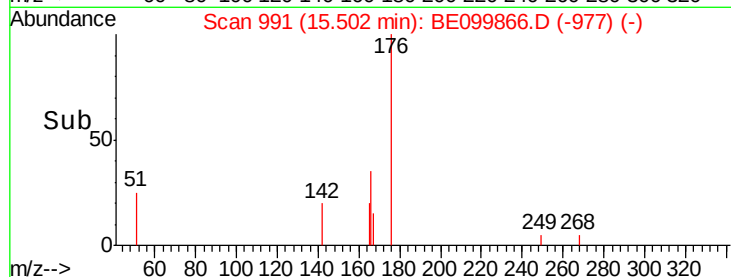
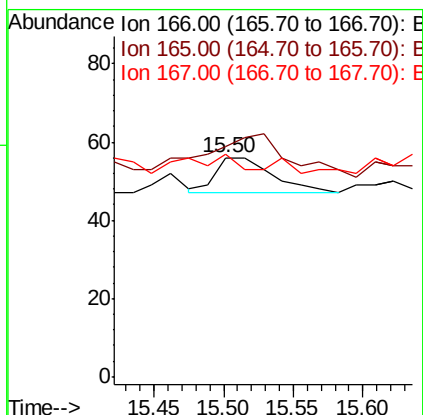
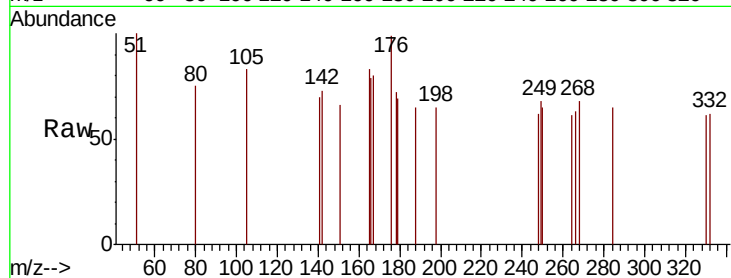
Tgt Ion:166 Resp: 26

Ion Ratio Lower Upper

166 100

165 0.0 80.4 120.6#

167 50.0 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

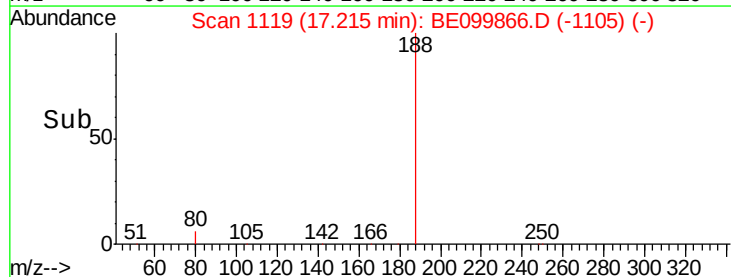
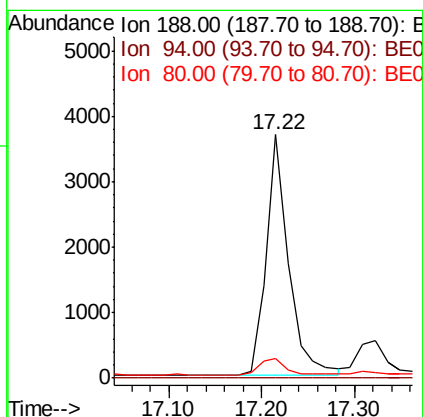
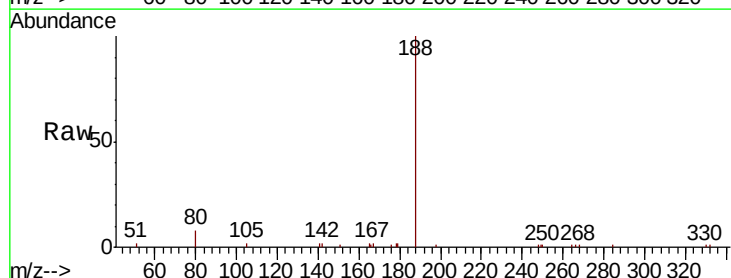
Tgt Ion:188 Resp: 6153

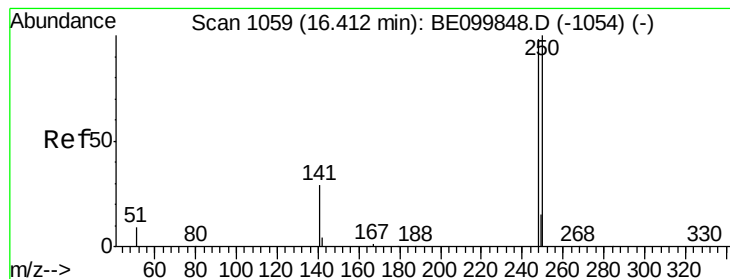
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 5.2 7.8#





#20

4-Bromophenyl-phenylether

Concen: 0.003 ng

RT: 16.37 min Scan# 1056

Delta R.T. -0.04 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190604

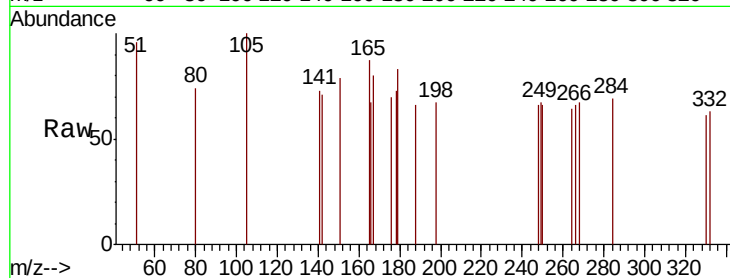
Tgt Ion:248 Resp: 10

Ion Ratio Lower Upper

248 100

250 100.0 73.7 110.5

141 110.9 40.9 61.3#



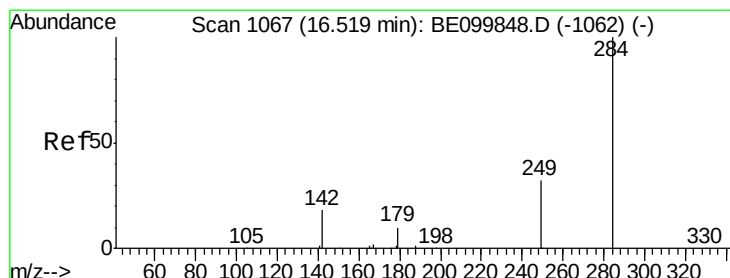
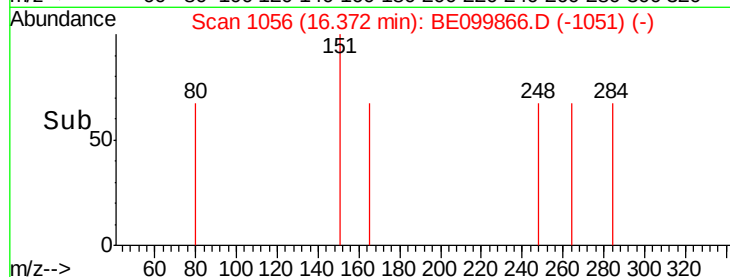
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.37

Time-->



#21

Hexachlorobenzene

Concen: 0.001 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

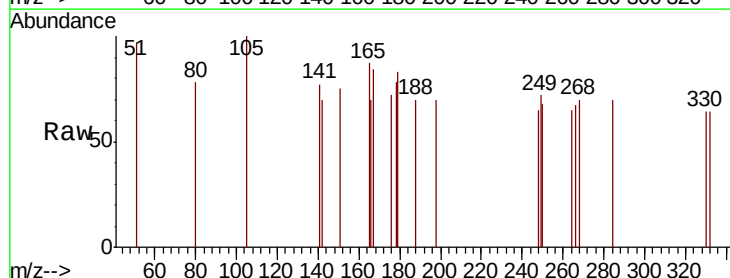
Tgt Ion:284 Resp: 5

Ion Ratio Lower Upper

284 100

142 100.0 16.2 24.4#

249 0.0 23.1 34.7#



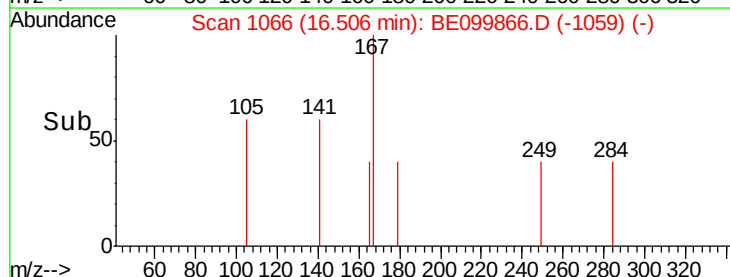
Abundance Ion 283.80 (283.50 to 284.50): E

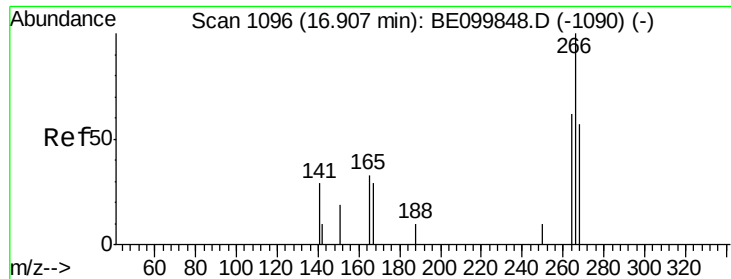
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.51

Time-->

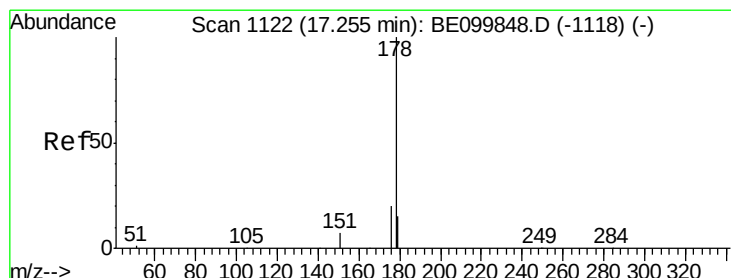
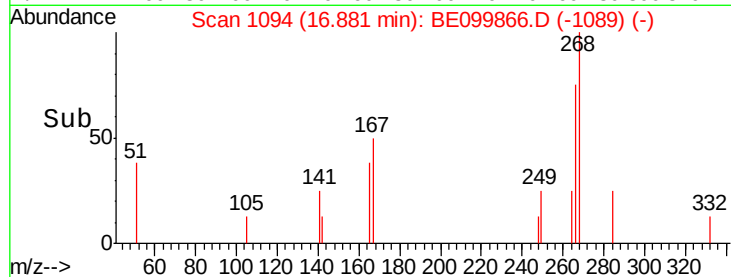
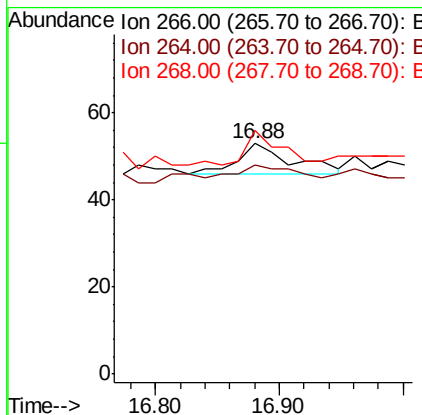
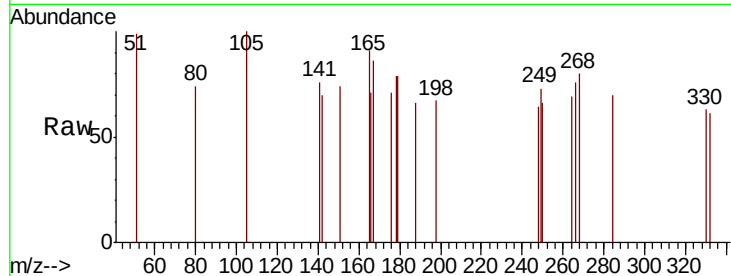




#22
 Pentachlorophenol
 Concen: 0.245 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.04 min
 Lab File: BE099866.D
 Acq: 7 Jun 2019 23:18

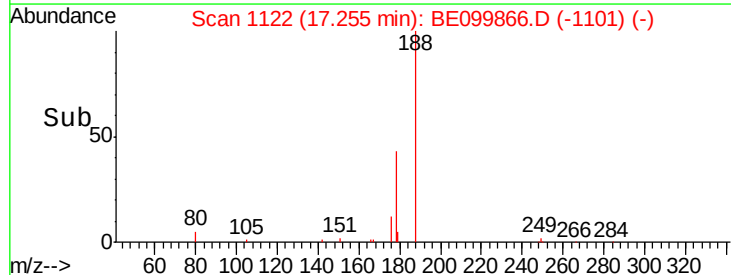
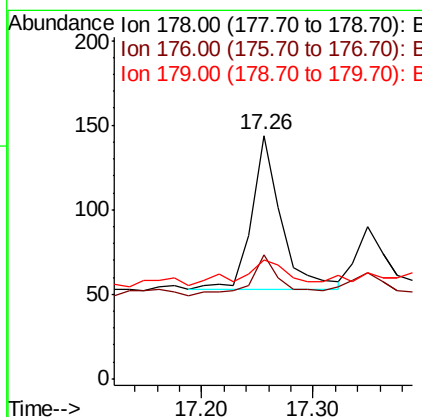
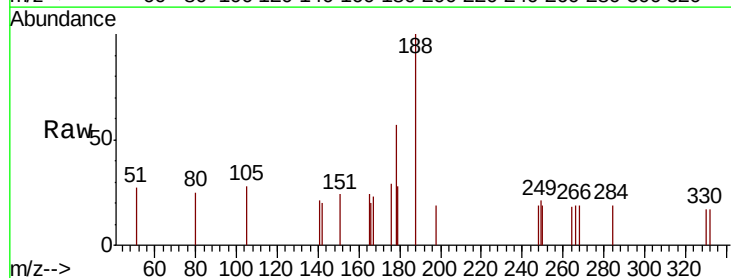
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190604

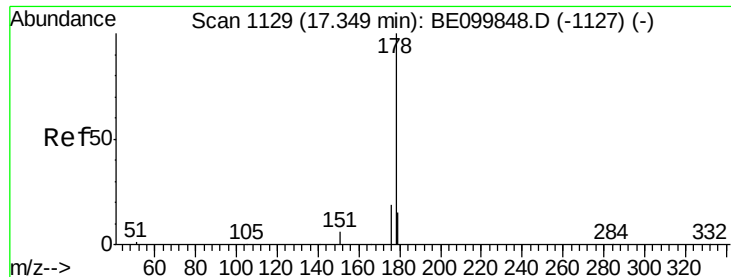
Tgt Ion: 266 Resp: 21
 Ion Ratio Lower Upper
 266 100
 264 90.6 64.9 97.3
 268 105.7 64.0 96.0#



#23
 Phenanthrene
 Concen: 0.011 ng
 RT: 17.26 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BE099866.D
 Acq: 7 Jun 2019 23:18

Tgt Ion: 178 Resp: 167
 Ion Ratio Lower Upper
 178 100
 176 28.1 15.4 23.0#
 179 25.7 12.5 18.7#





#24

Anthracene

Concen: 0.004 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190604

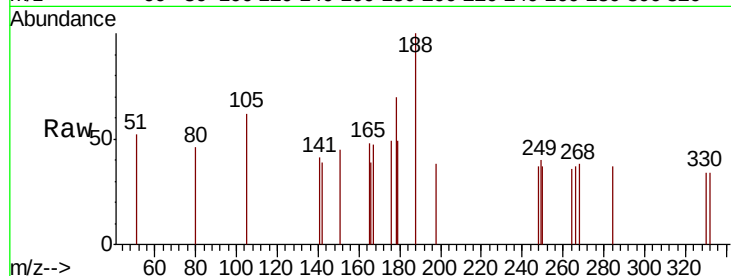
Tgt Ion:178 Resp: 53

Ion Ratio Lower Upper

178 100

176 43.4 15.1 22.7#

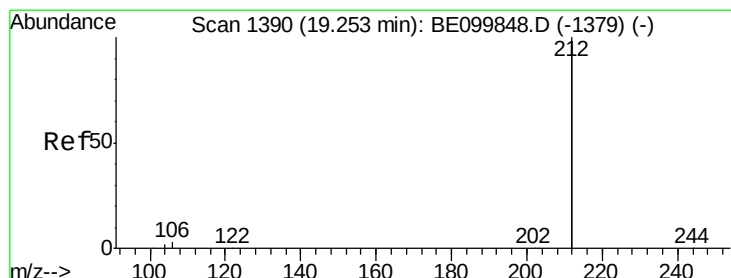
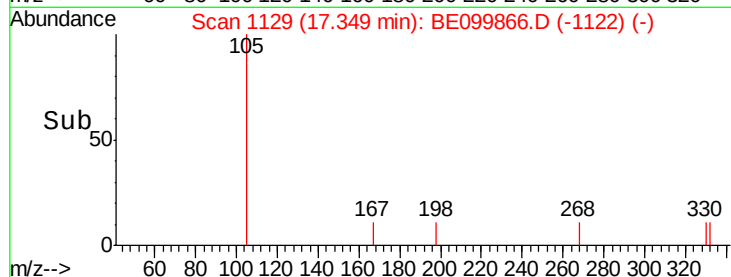
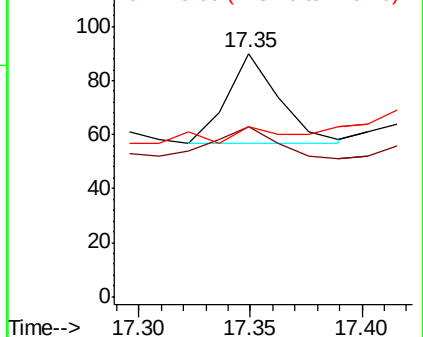
179 0.0 12.1 18.1#



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: 0.360 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

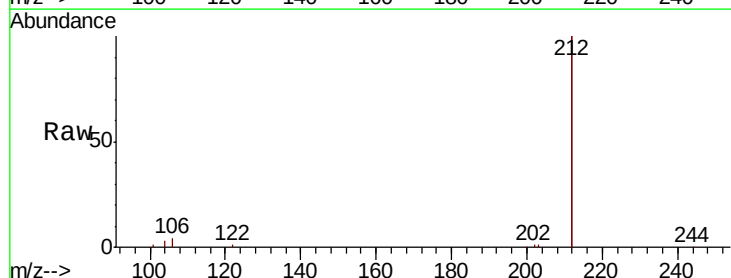
Tgt Ion:212 Resp: 34372

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

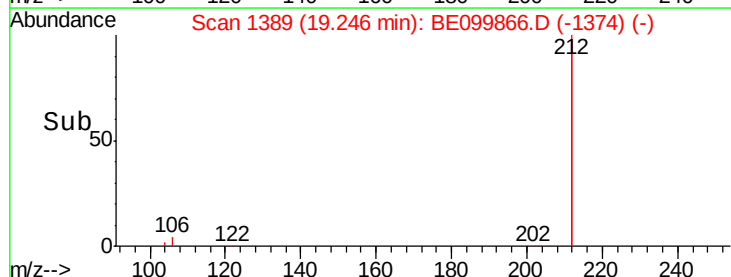
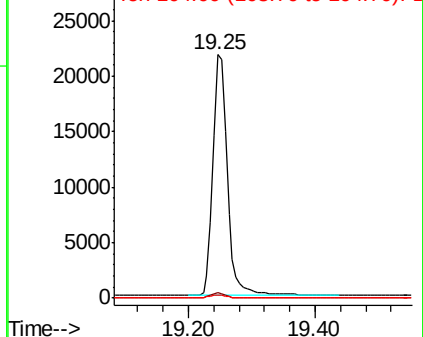
104 1.1 0.8 1.2

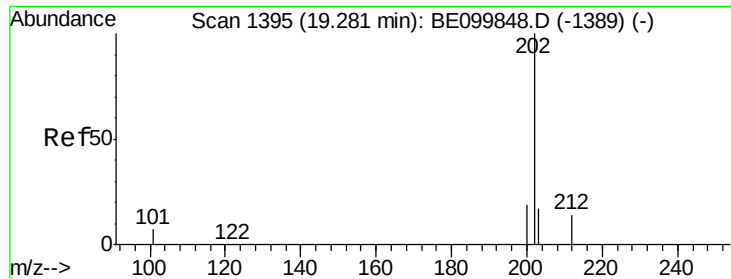


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

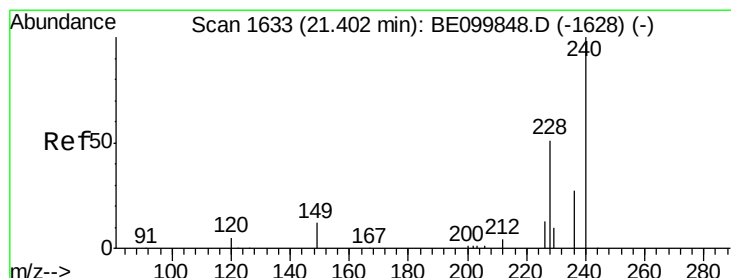
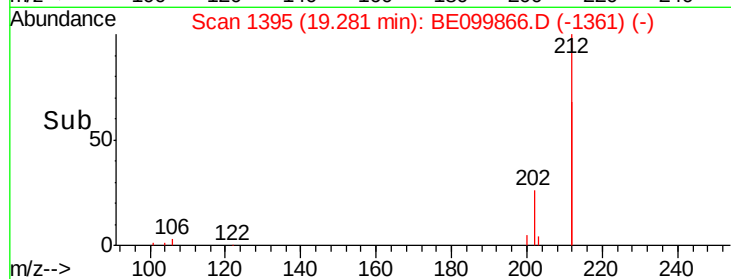
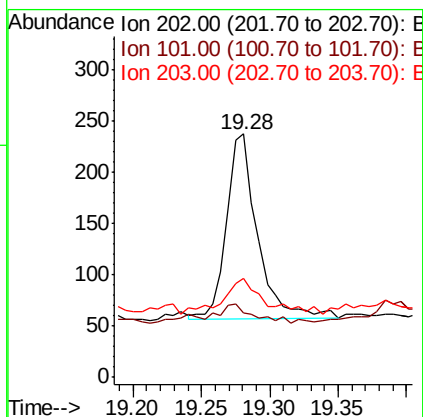
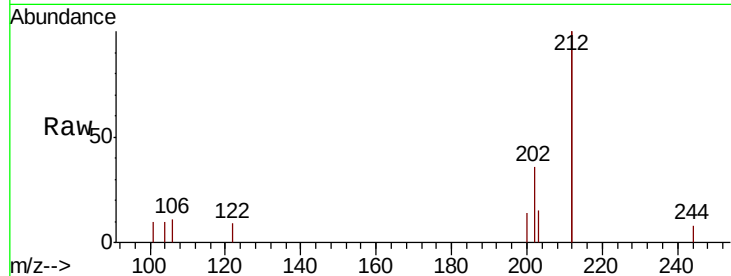




#26
Fluoranthene
Concen: 0.011 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099866.D
Acq: 7 Jun 2019 23:18

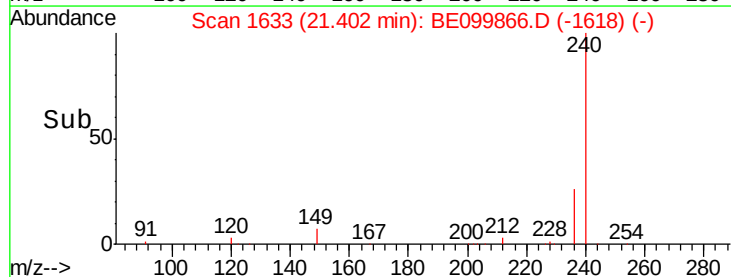
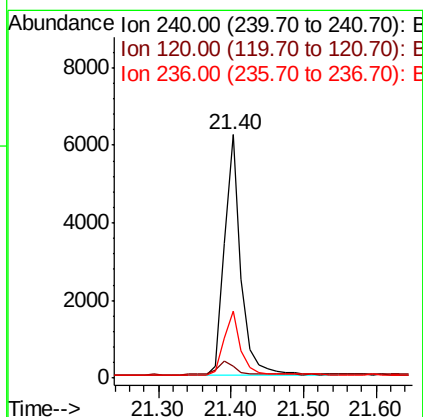
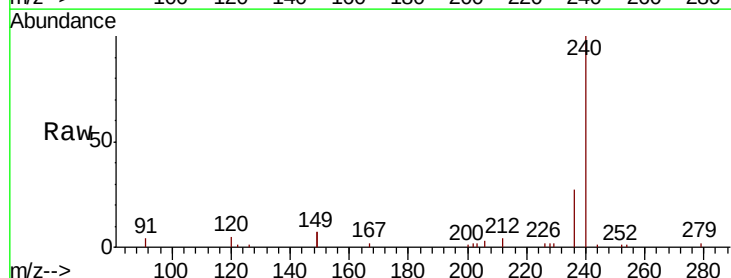
Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW06-20190604

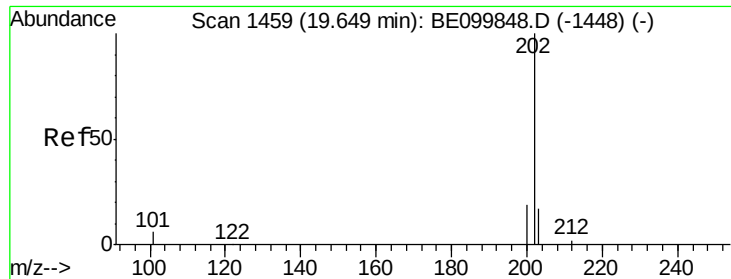
Tgt Ion: 202 Resp: 288
Ion Ratio Lower Upper
202 100
101 10.1 5.2 7.8#
203 20.8 13.6 20.4#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099866.D
Acq: 7 Jun 2019 23:18

Tgt Ion: 240 Resp: 9981
Ion Ratio Lower Upper
240 100
120 4.8 2.8 4.2#
236 27.3 20.9 31.3





#28

Pyrene

Concen: 0.011 ng

RT: 19.64 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190604

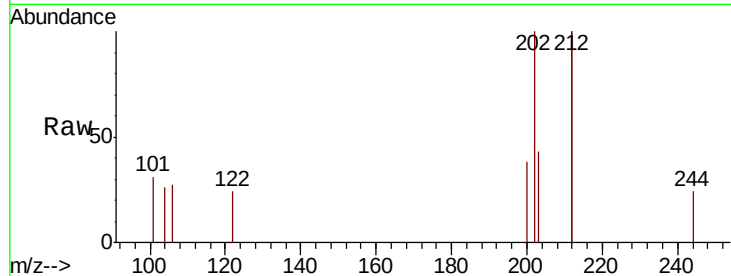
Tgt Ion:202 Resp: 286

Ion Ratio Lower Upper

202 100

200 18.2 15.6 23.4

203 28.3 14.1 21.1#

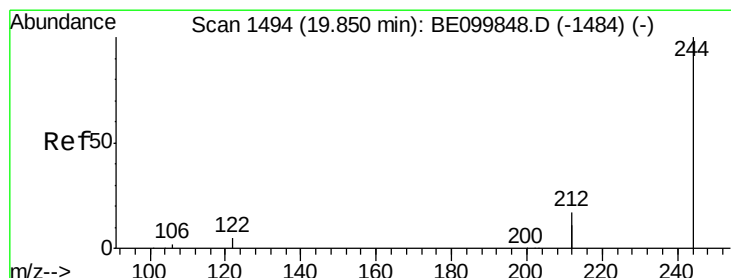
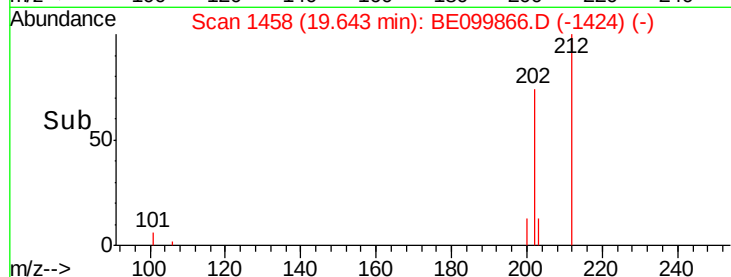
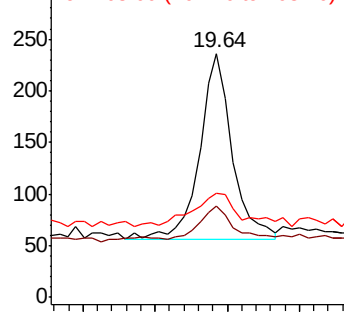


Abundance

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: 0.427 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

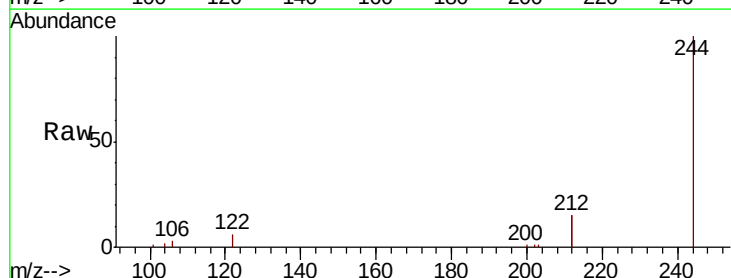
Tgt Ion:244 Resp: 7952

Ion Ratio Lower Upper

244 100

212 30.3 23.7 35.5

122 6.5 4.8 7.2

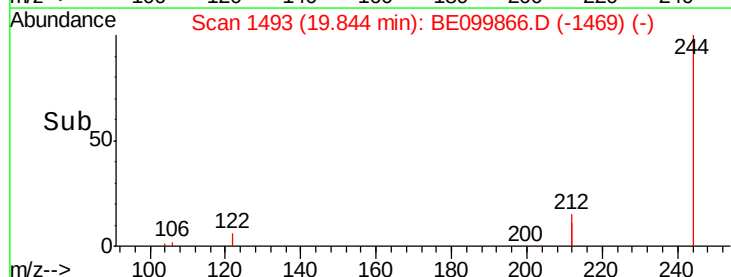
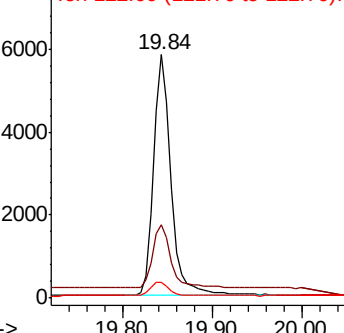


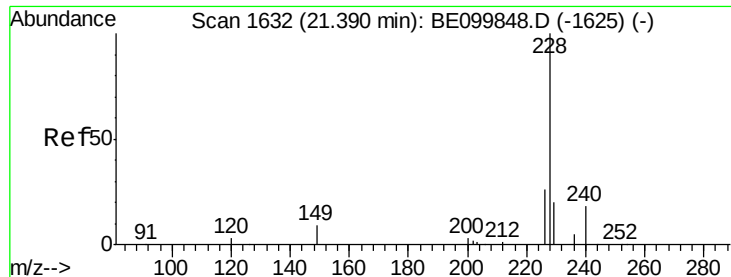
Abundance

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: 0.009 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190604

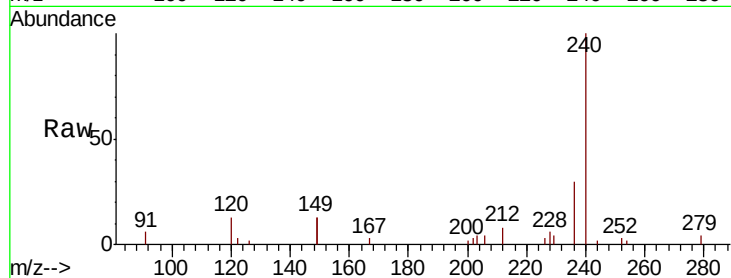
Tgt Ion:228 Resp: 274

Ion Ratio Lower Upper

228 100

226 61.3 21.6 32.4#

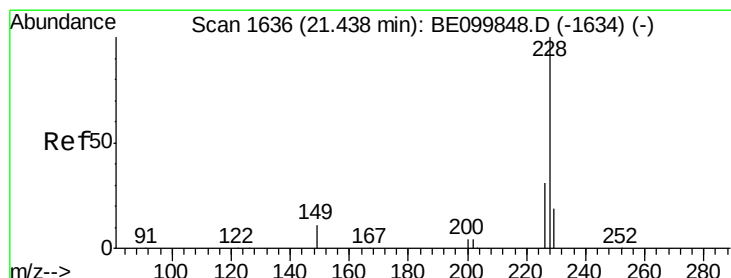
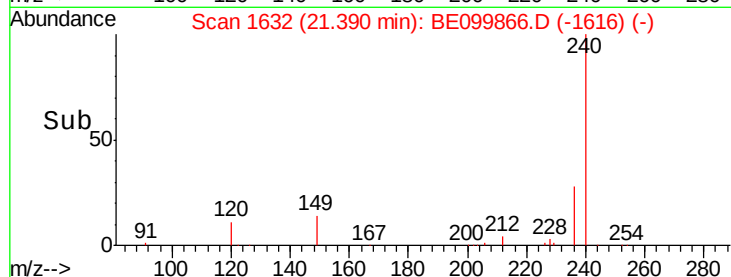
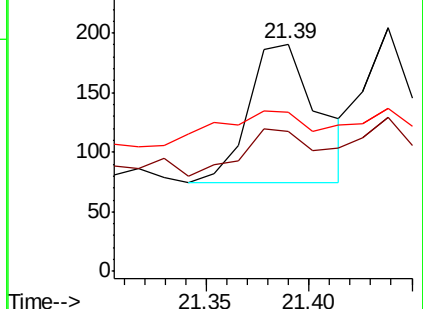
229 70.2 15.8 23.6#



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



#31

Chrysene

Concen: 0.007 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

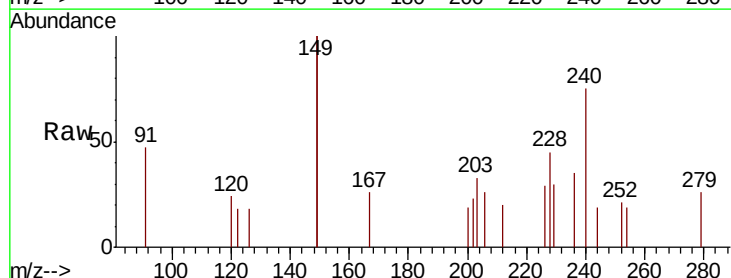
Tgt Ion:228 Resp: 227

Ion Ratio Lower Upper

228 100

226 63.2 22.9 34.3#

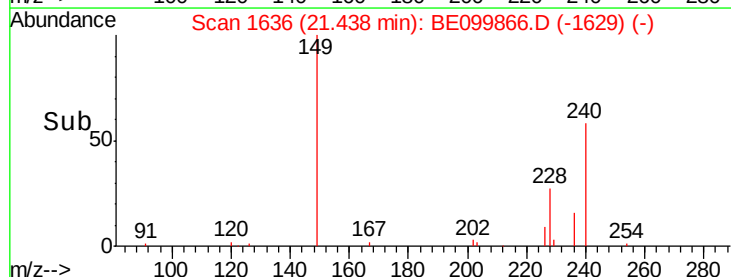
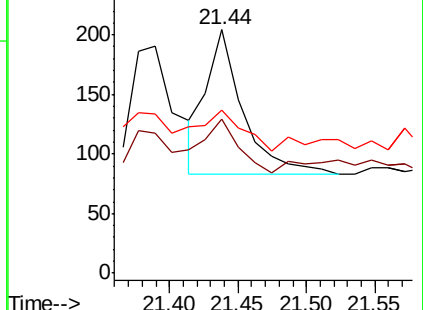
229 67.2 16.4 24.6#

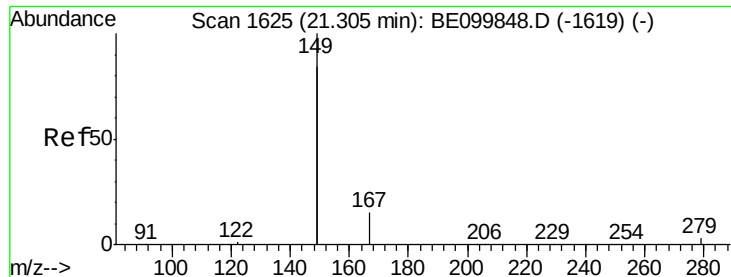


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

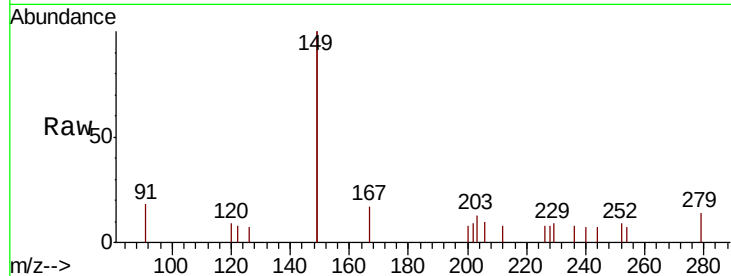




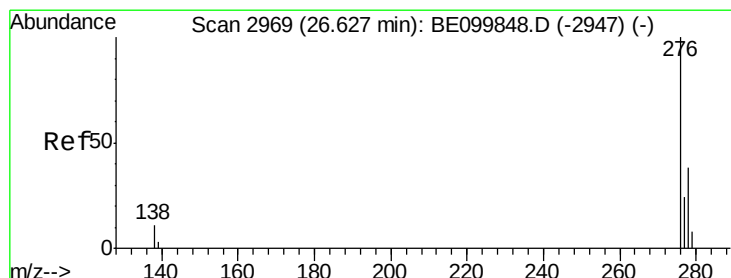
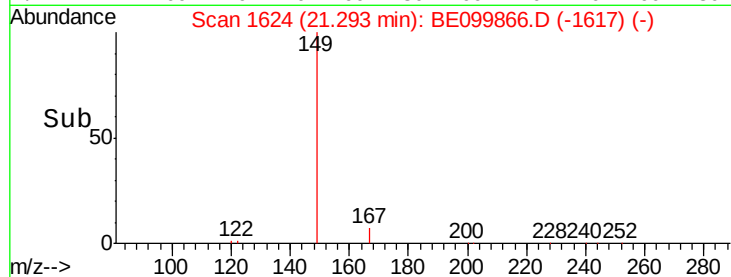
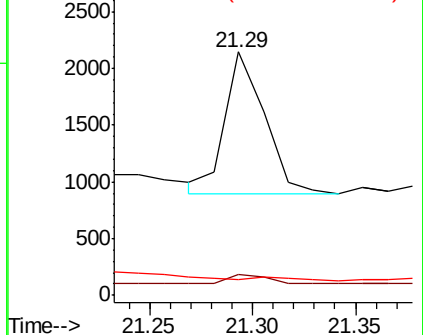
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.033 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099866.D
 Acq: 7 Jun 2019 23:18

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190604

Tgt Ion:149 Resp: 1684
 Ion Ratio Lower Upper
 149 100
 167 8.3 6.0 9.0
 279 0.0 1.2 1.8#

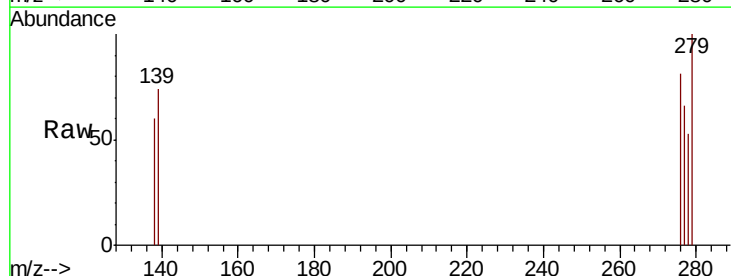


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

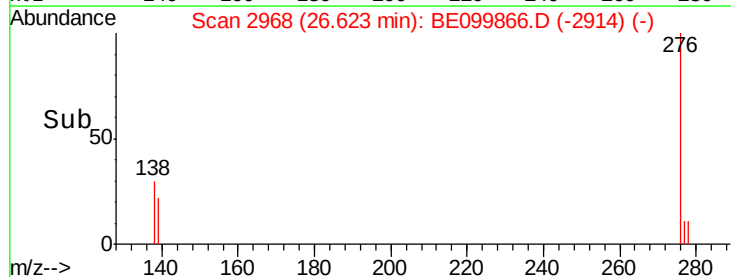
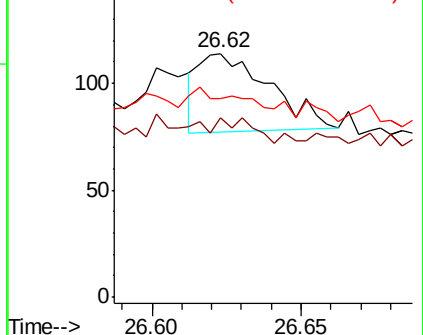


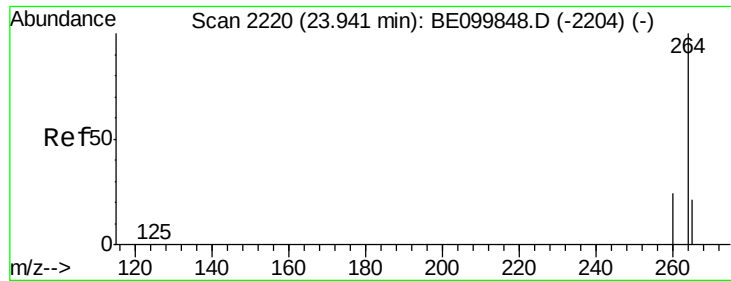
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.002 ng
 RT: 26.62 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BE099866.D
 Acq: 7 Jun 2019 23:18

Tgt Ion:276 Resp: 60
 Ion Ratio Lower Upper
 276 100
 138 15.0 10.3 15.5
 277 8.3 19.4 29.2#



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

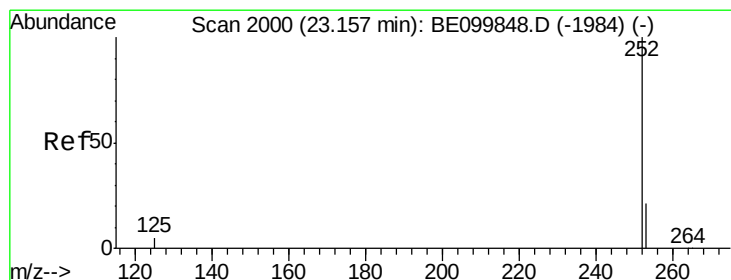
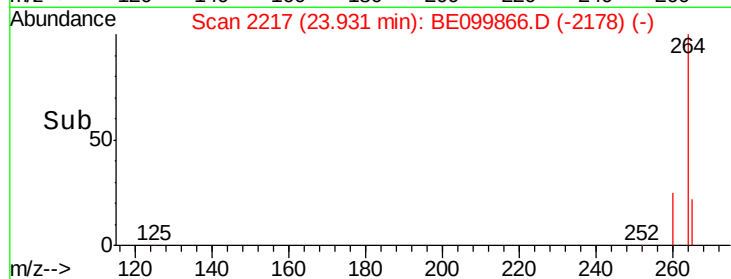
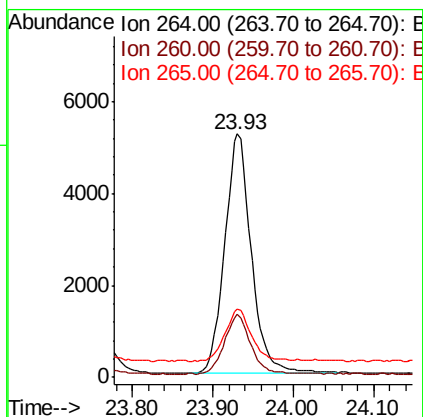
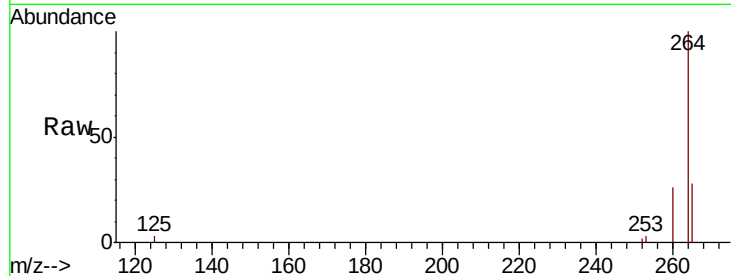




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BE099866.D
 Acq: 7 Jun 2019 23:18

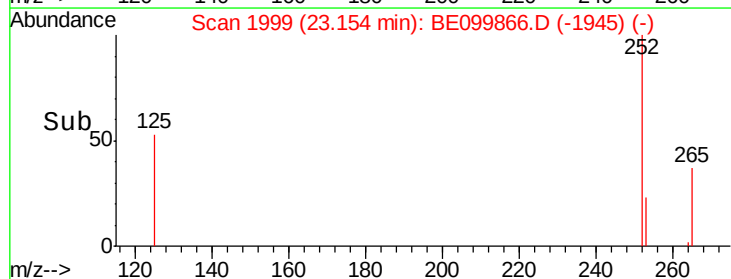
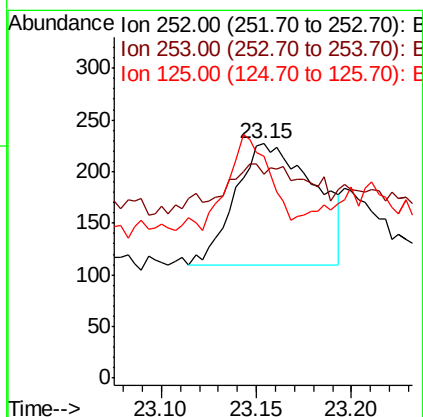
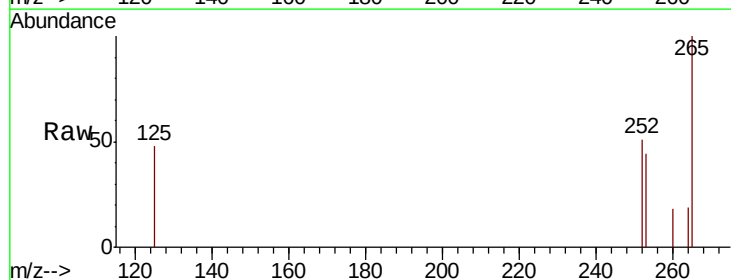
Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW06-20190604

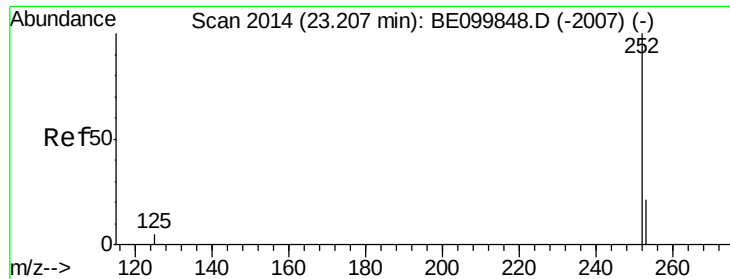
Tgt Ion: 264 Resp: 11934
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.0 30.0
 265 28.0 20.7 31.1



#35
Benzo(b)fluoranthene
 Concen: 0.010 ng
 RT: 23.15 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BE099866.D
 Acq: 7 Jun 2019 23:18

Tgt Ion: 252 Resp: 345
 Ion Ratio Lower Upper
 252 100
 253 87.2 18.9 28.3#
 125 94.7 7.6 11.4#





#36

Benzo(k)fluoranthene

Concen: 0.010 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.06 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190604

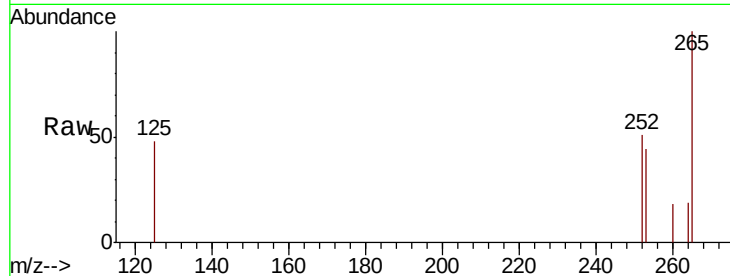
Tgt Ion:252 Resp: 345

Ion Ratio Lower Upper

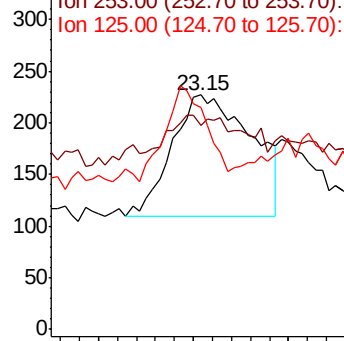
252 100

253 87.2 18.4 27.6#

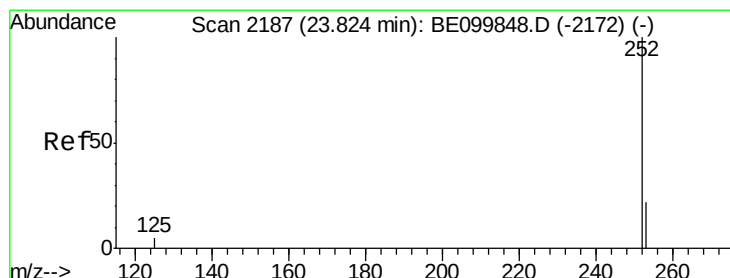
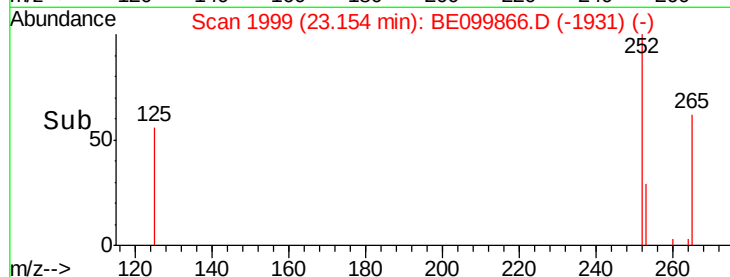
125 94.7 4.6 7.0#



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



Time-->



#37

Benzo(a)pyrene

Concen: 0.006 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

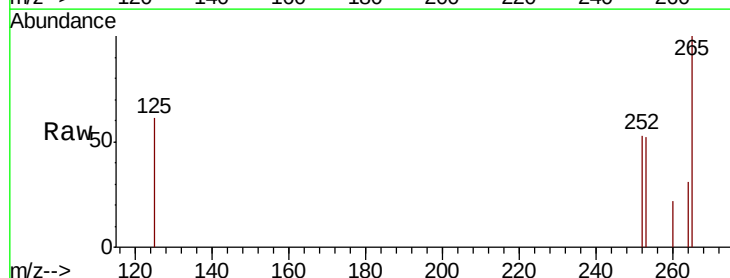
Tgt Ion:252 Resp: 189

Ion Ratio Lower Upper

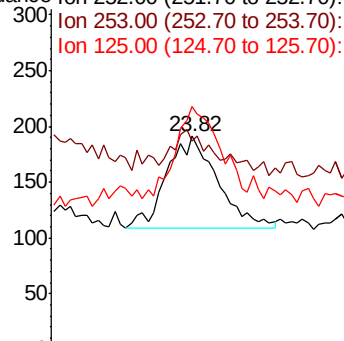
252 100

253 97.9 19.3 28.9#

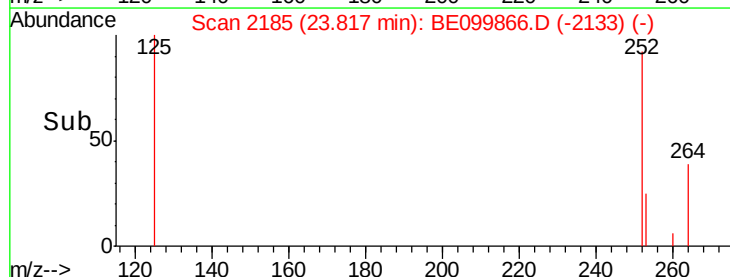
125 114.1 10.2 15.4#

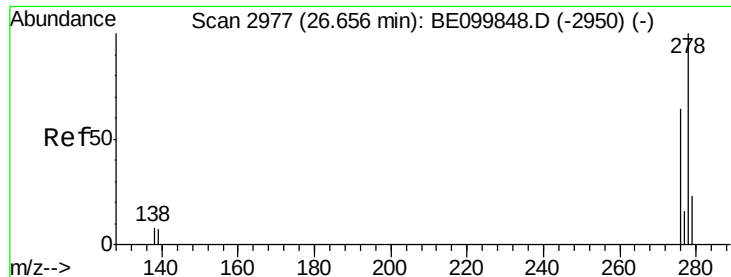


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.64 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW06-20190604

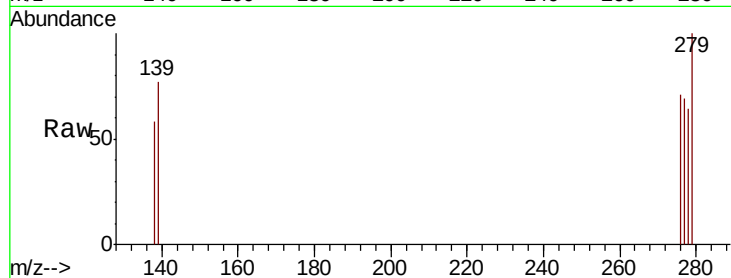
Tgt Ion:278 Resp: 11

Ion Ratio Lower Upper

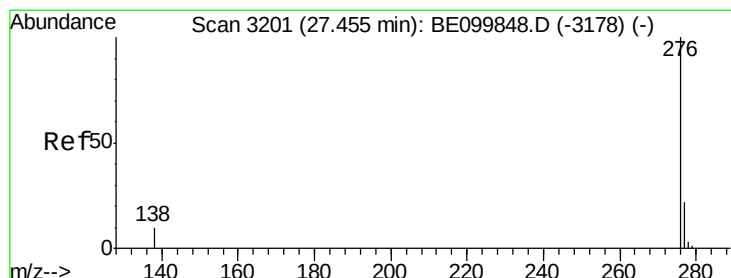
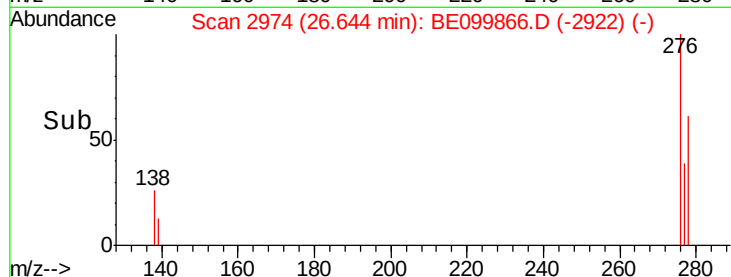
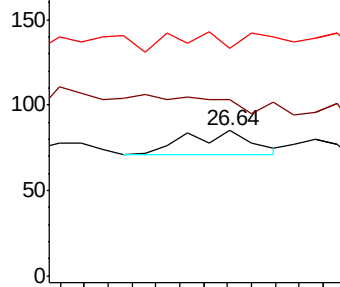
278 100

139 121.2 7.9 11.9#

279 156.5 18.5 27.7#



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: 0.002 ng

RT: 27.44 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BE099866.D

Acq: 7 Jun 2019 23:18

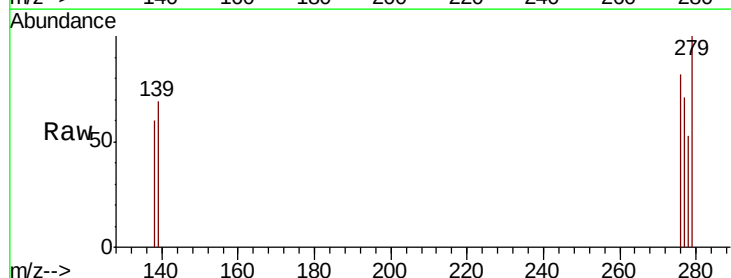
Tgt Ion:276 Resp: 61

Ion Ratio Lower Upper

276 100

277 86.9 19.6 29.4#

138 72.9 9.0 13.4#



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

