

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099858.D
 Acq On : 7 Jun 2019 18:29
 Operator : JU/SJ
 Sample : K3221-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW301D-20190605

Quant Time: Jun 08 04:32:11 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	647	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2243	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1736	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5922	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10331	0.40	ng	-0.01
34) Perylene-d12	23.94	264	12533	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	311	0.14	ng	0.00
5) Phenol-d6	6.96	99	233	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	765	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1357	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	591	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2268	0.36	ng	0.00
25) Fluoranthene-d10	19.25	212	33799	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	7875	0.41	ng	-0.01

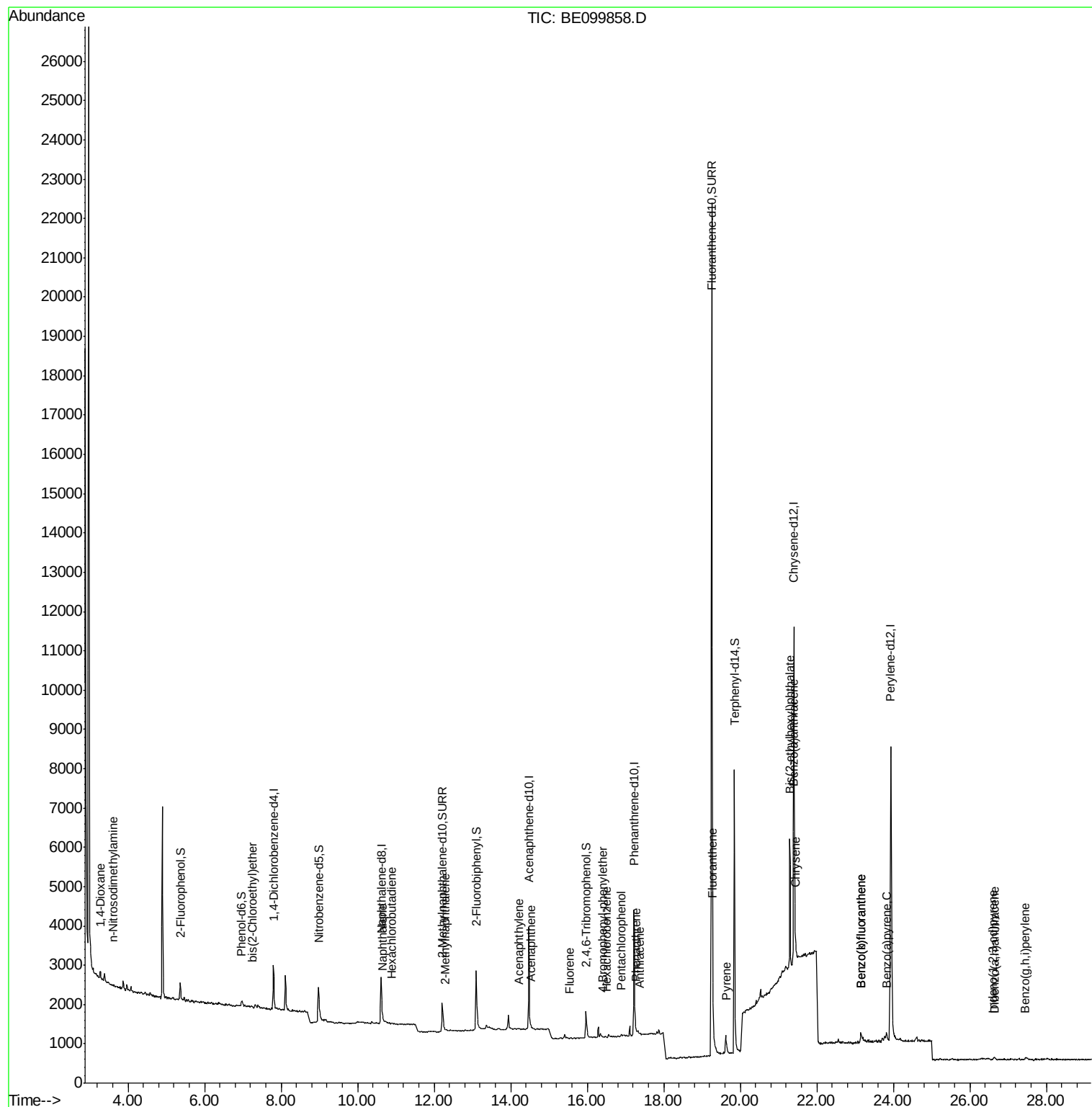
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	191	0.199	ng	# 69
3) n-Nitrosodimethylamine	3.61	42	15	0.024	ng	# 1
6) bis(2-Chloroethyl)ether	7.25	93	5	0.003	ng	# 1
9) Naphthalene	10.65	128	95	0.004	ng	# 45
10) Hexachlorobutadiene	10.90	225	8	0.004	ng	# 41
12) 2-Methylnaphthalene	12.28	142	15	0.004	ng	# 58
16) Acenaphthylene	14.21	152	14	0.002	ng	# 20
17) Acenaphthene	14.53	154	3	0.001	ng	# 1
18) Fluorene	15.54	166	22	0.003	ng	# 1
20) 4-Bromophenyl-phenylether	16.40	248	2	0.001	ng	# 67
21) Hexachlorobenzene	16.49	284	10	0.003	ng	# 24
22) Pentachlorophenol	16.89	266	59	0.278	ng	89
23) Phenanthrene	17.27	178	96	0.007	ng	# 65
24) Anthracene	17.36	178	27	0.002	ng	# 45
26) Fluoranthene	19.28	202	324	0.013	ng	99
28) Pyrene	19.64	202	212	0.008	ng	# 92
30) Benzo(a)anthracene	21.39	228	213	0.006	ng	# 1
31) Chrysene	21.44	228	210	0.007	ng	# 6
32) Bis(2-ethylhexyl)phthalate	21.29	149	4297	0.080	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.60	276	24	0.001	ng	99
35) Benzo(b)fluoranthene	23.16	252	294	0.008	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	294	0.008	ng	# 1
37) Benzo(a)pyrene	23.82	252	167	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.45	276	48	0.001	ng	# 1

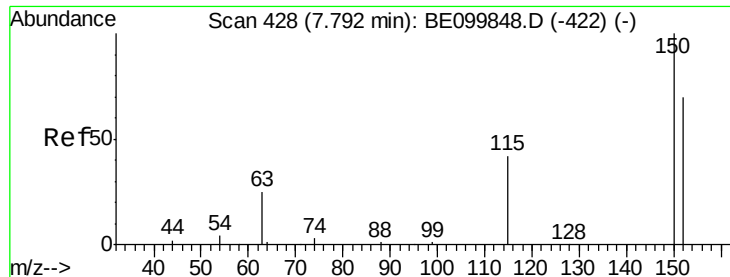
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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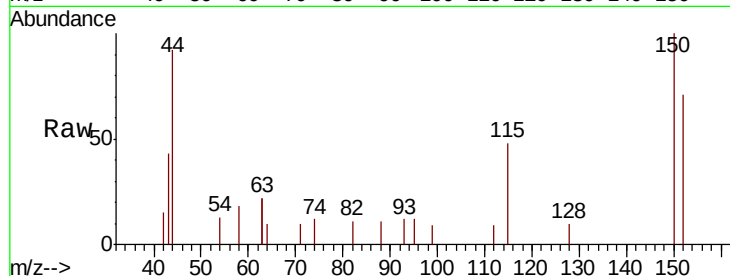


#1

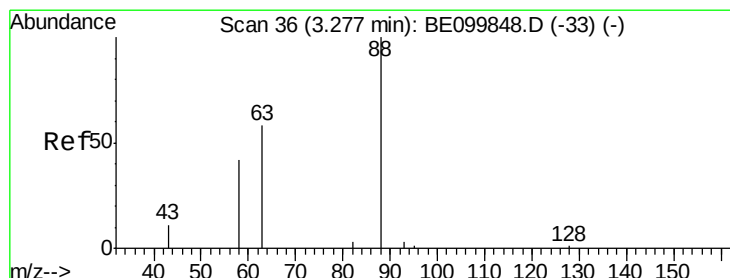
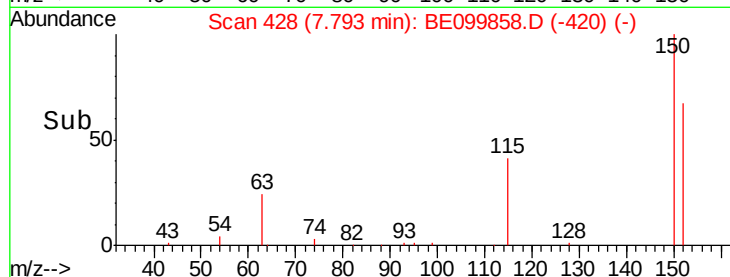
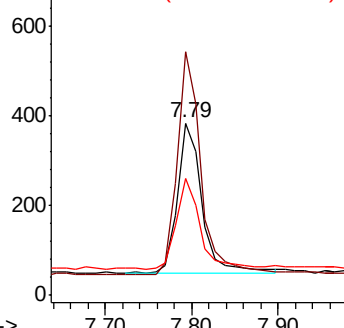
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion: 152 Resp: 647
Ion Ratio Lower Upper
152 100
150 141.4 112.8 169.2
115 68.2 47.6 71.4



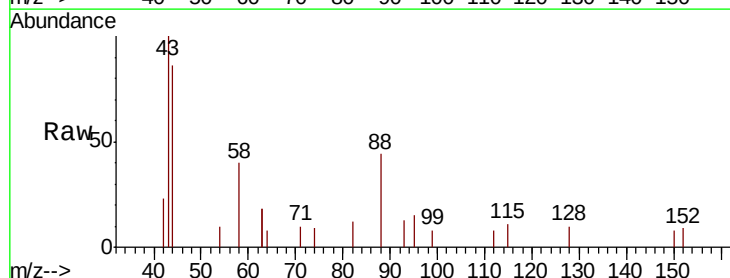
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



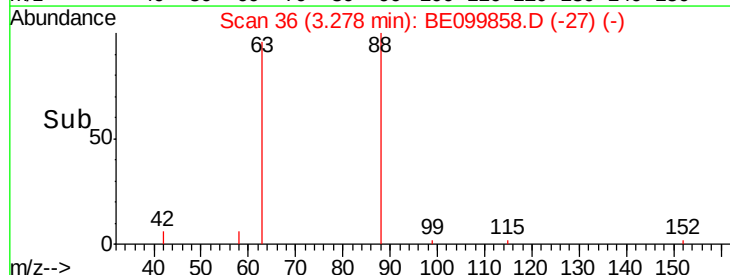
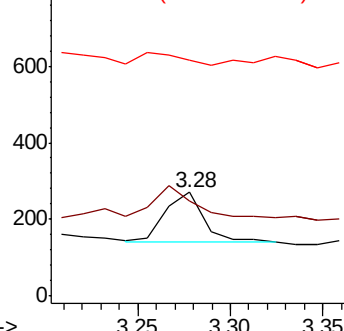
#2

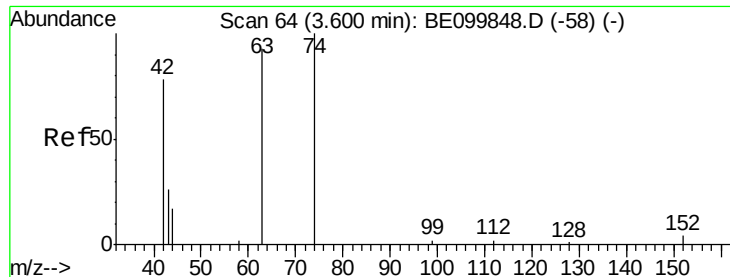
1,4-Dioxane
Concen: 0.199 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
58 77.5 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: 0.024 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

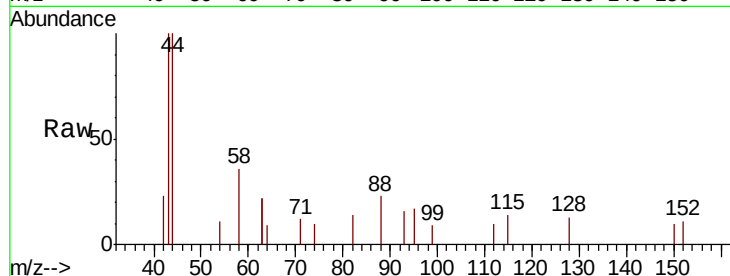
Tgt Ion: 42 Resp: 15

Ion Ratio Lower Upper

42 100

74 46.7 132.6 198.8#

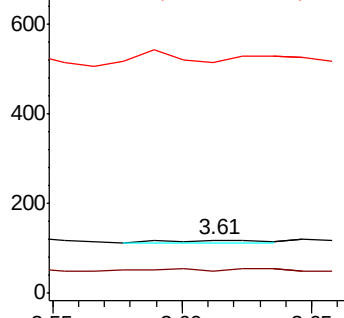
44 233.3 13.4 20.0#



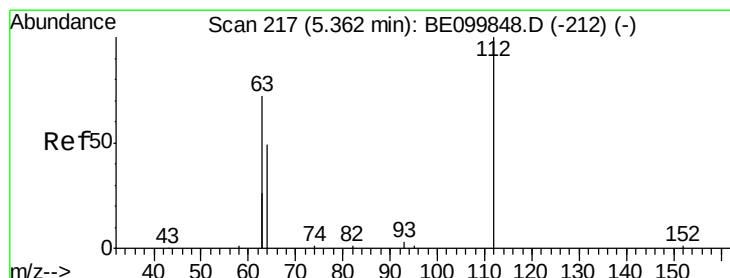
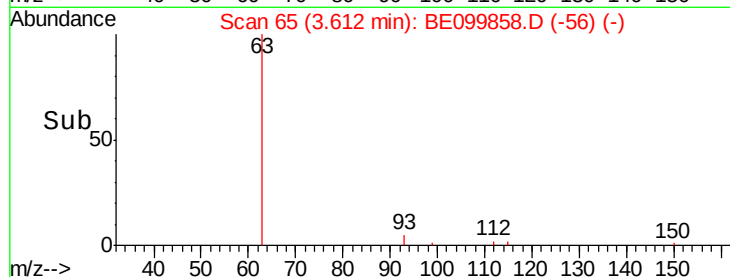
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.144 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

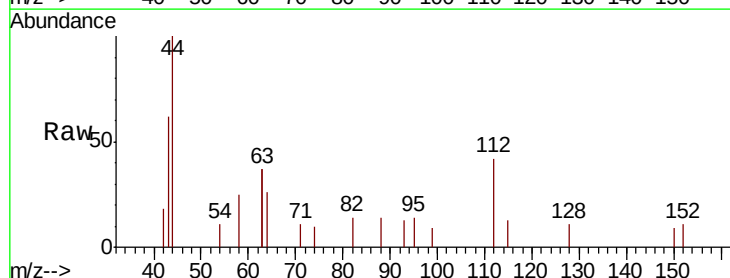
Tgt Ion: 112 Resp: 311

Ion Ratio Lower Upper

112 100

64 47.9 47.2 70.8

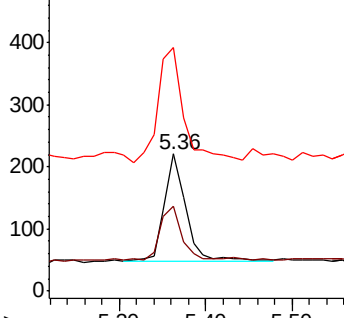
63 128.0 90.7 136.1



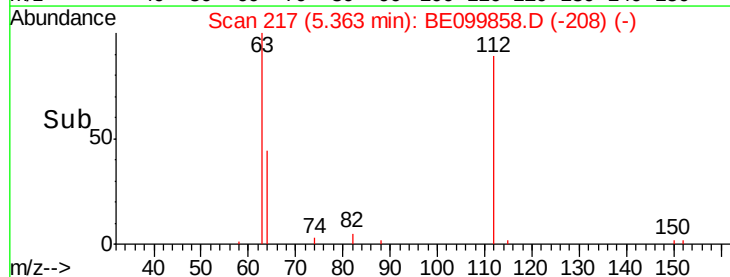
Abundance Ion 112.00 (111.70 to 112.70): E

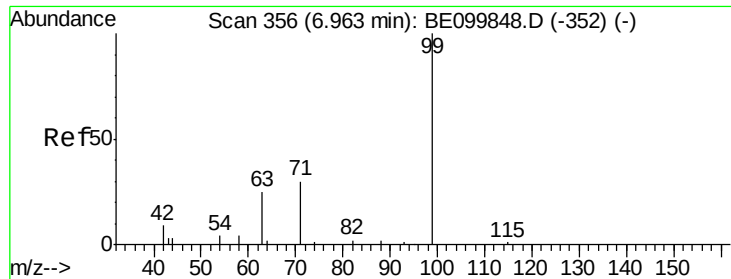
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.087 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

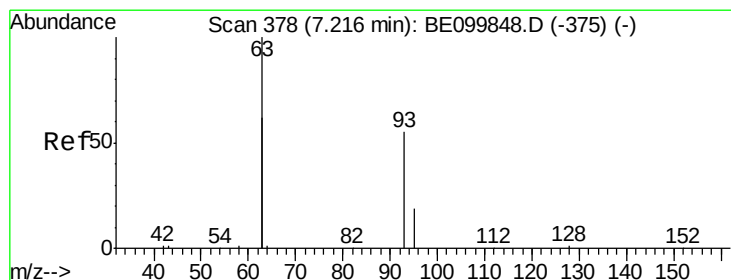
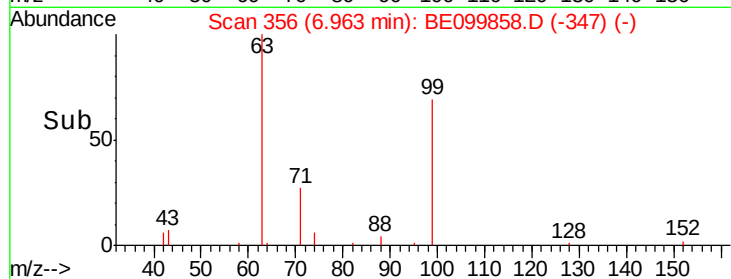
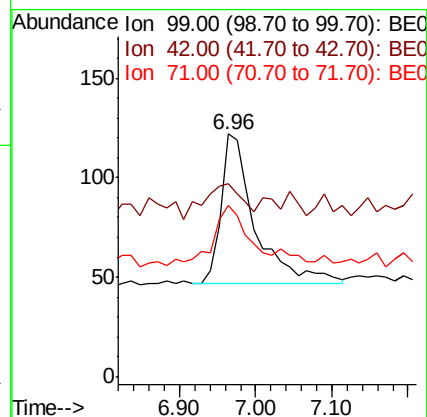
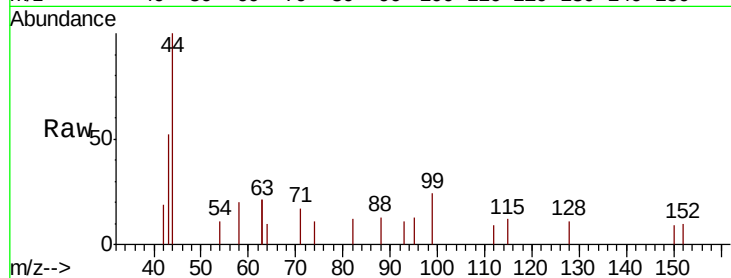
Tgt Ion: 99 Resp: 233

Ion Ratio Lower Upper

99 100

42 26.6 11.0 16.4#

71 40.3 26.1 39.1#



#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.02 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

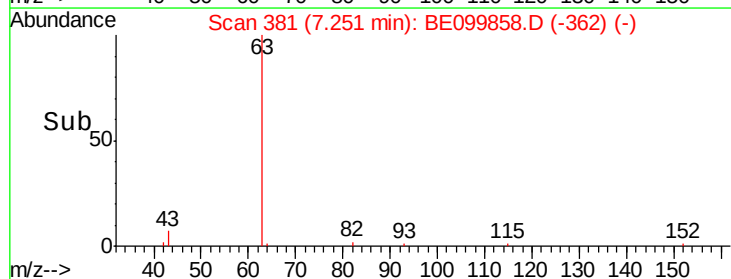
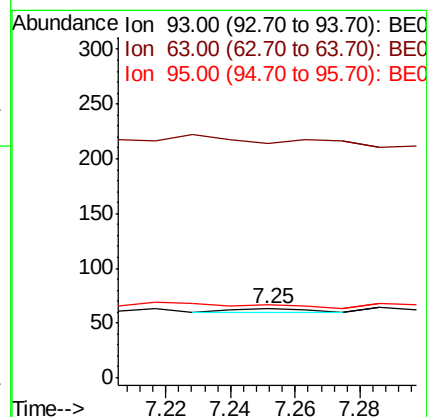
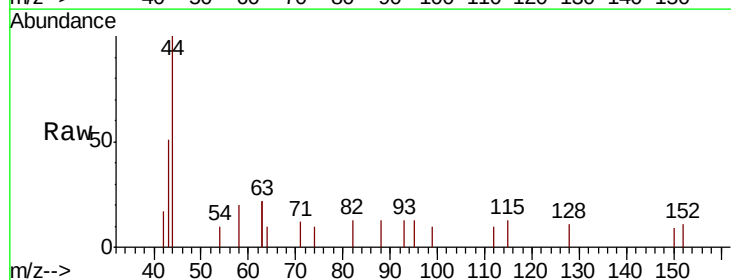
Tgt Ion: 93 Resp: 5

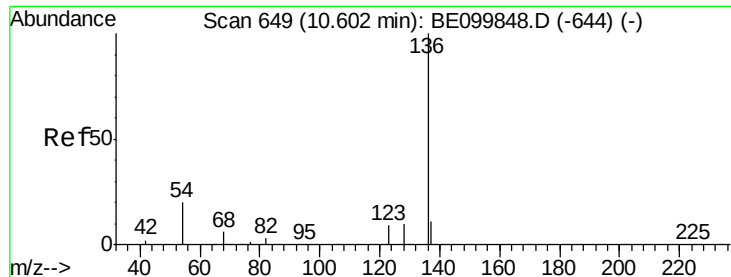
Ion Ratio Lower Upper

93 100

63 0.0 208.8 313.2#

95 0.0 27.6 41.4#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

Tgt Ion: 136 Resp: 2243

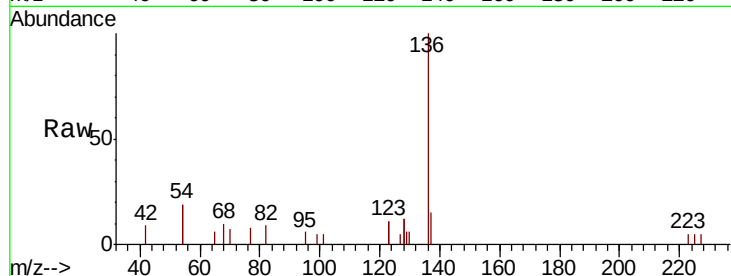
Ion Ratio Lower Upper

136 100

137 14.6 11.1 16.7

54 37.3 17.9 26.9#

68 10.0 5.4 8.0#

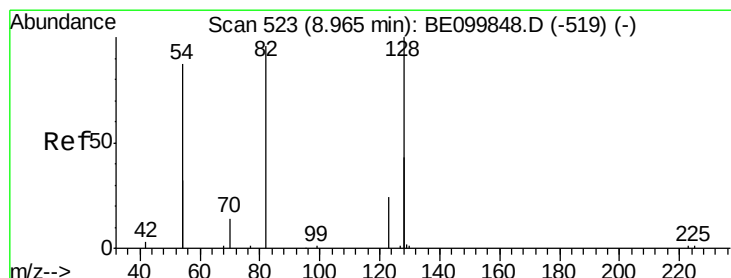
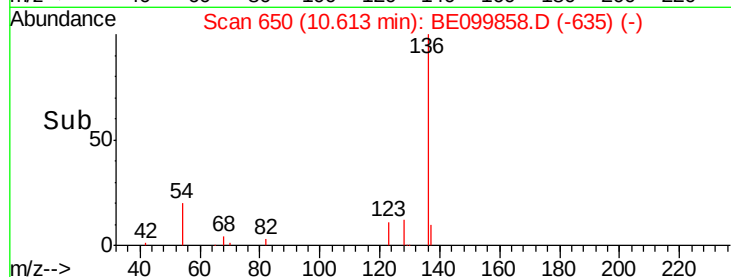
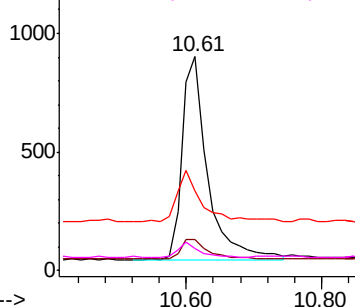


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

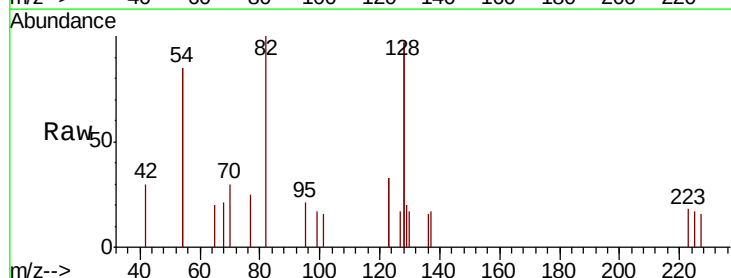
Tgt Ion: 82 Resp: 765

Ion Ratio Lower Upper

82 100

128 193.1 116.6 175.0#

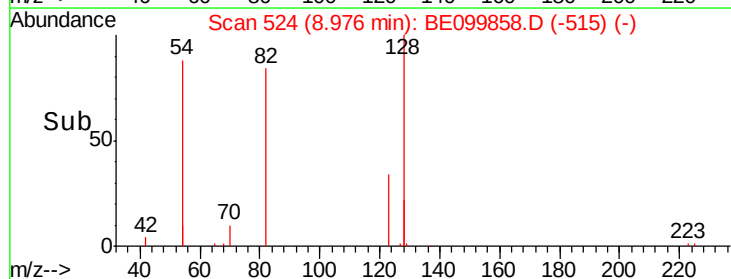
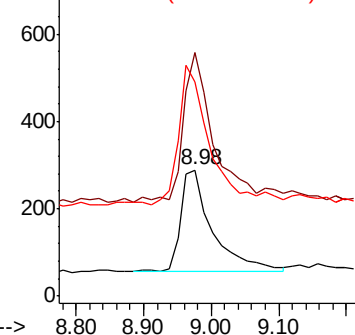
54 169.6 136.2 204.4

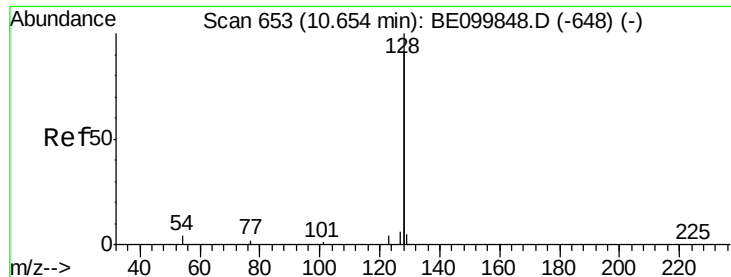


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.004 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

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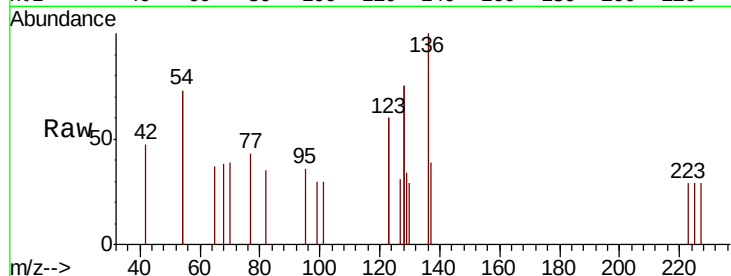
Tgt Ion:128 Resp: 95

Ion Ratio Lower Upper

128 100

129 22.5 2.6 4.0#

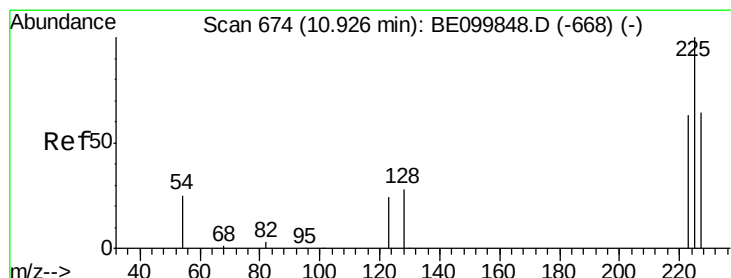
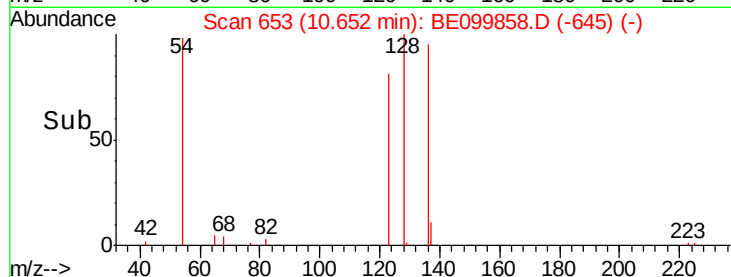
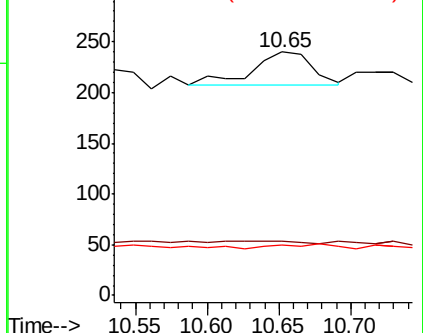
127 20.8 3.0 4.6#



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: 0.004 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.03 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

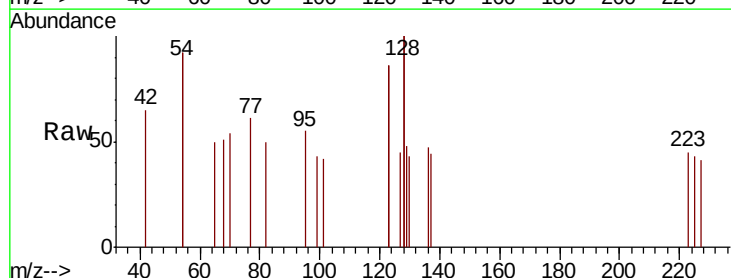
Tgt Ion:225 Resp: 8

Ion Ratio Lower Upper

225 100

223 87.5 48.6 72.8#

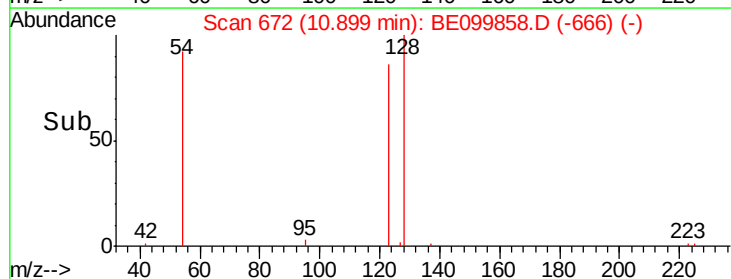
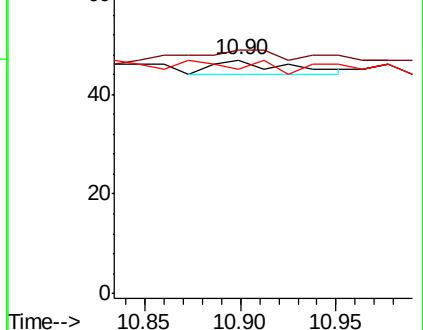
227 0.0 51.6 77.4#

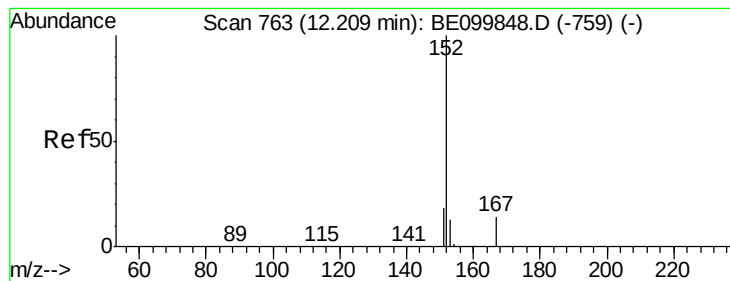


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

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ClientSampleId :

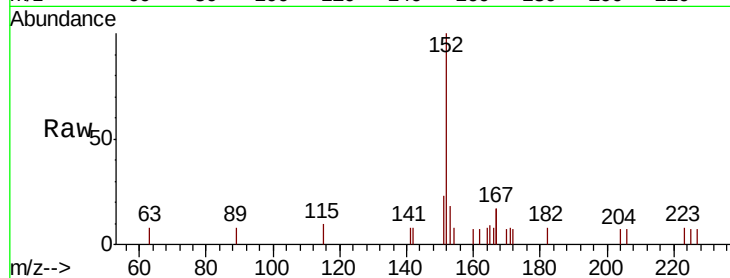
BPS1-TT-MW301D-20190605

Tgt Ion:152 Resp: 1357

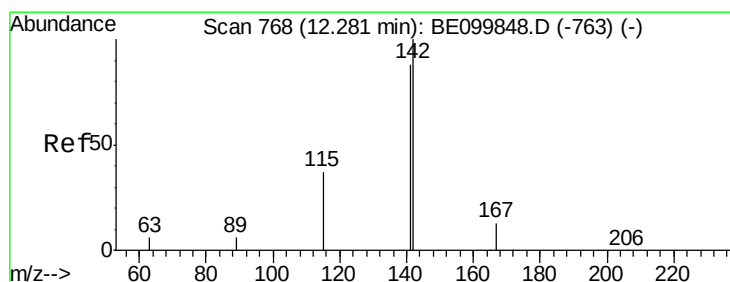
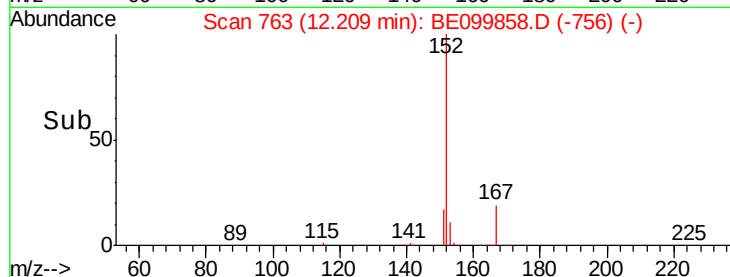
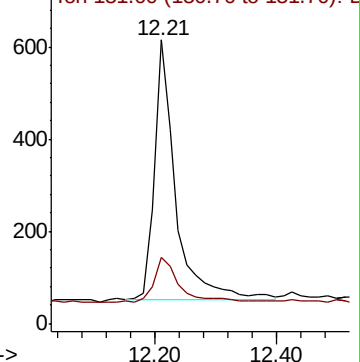
Ion Ratio Lower Upper

152 100

151 20.9 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E



#12

2-Methylnaphthalene

Concen: 0.004 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

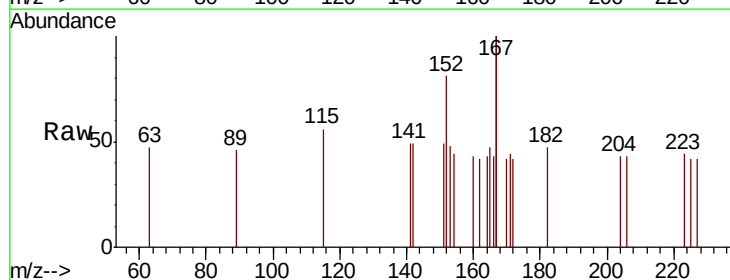
Tgt Ion:142 Resp: 15

Ion Ratio Lower Upper

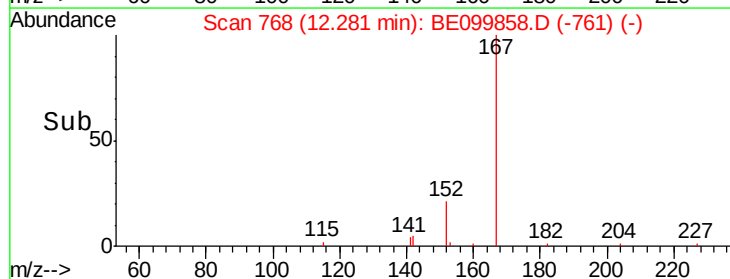
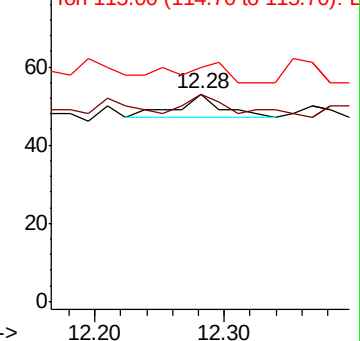
142 100

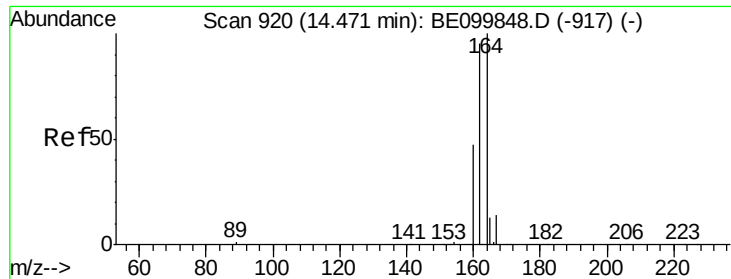
141 100.0 73.3 109.9

115 113.2 33.4 50.2#



Abundance Ion 142.00 (141.70 to 142.70): E

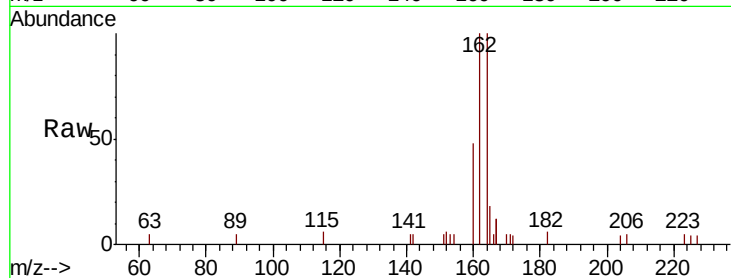




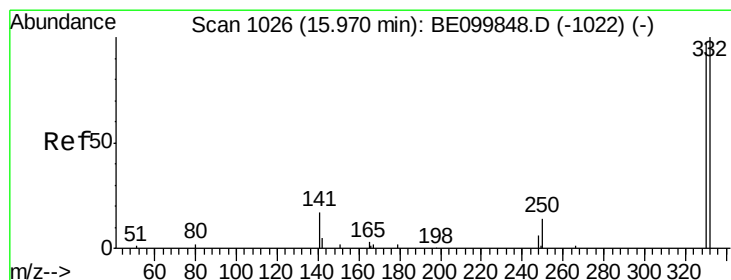
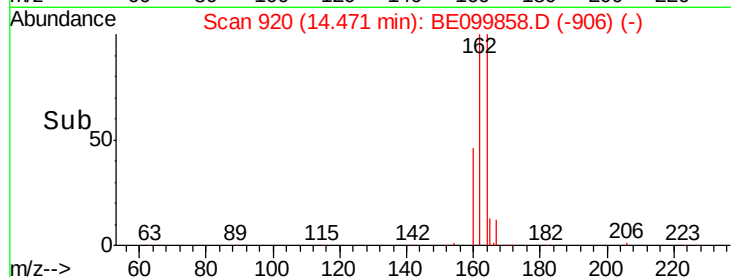
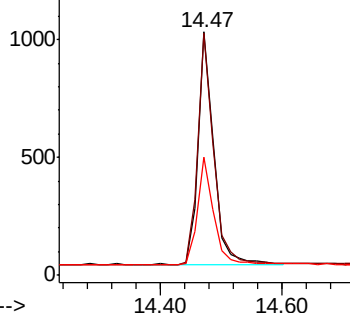
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:164 Resp: 1736
Ion Ratio Lower Upper
164 100
162 99.5 77.2 115.8
160 48.4 39.4 59.2

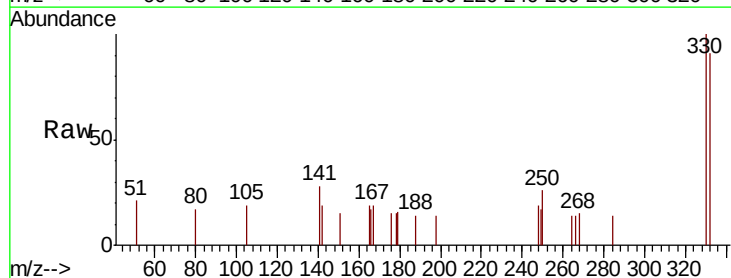


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

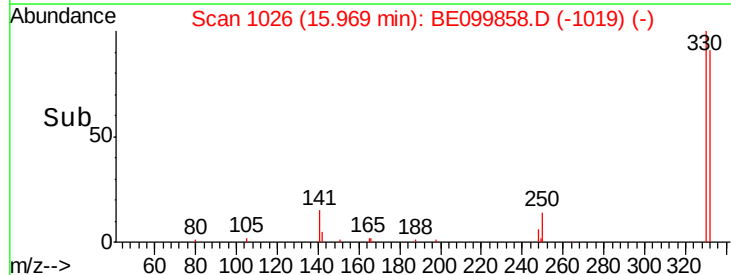
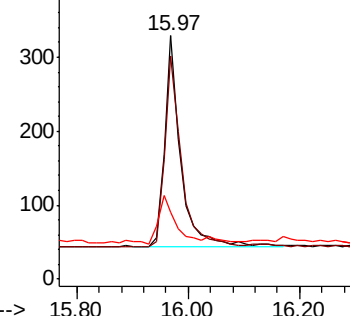


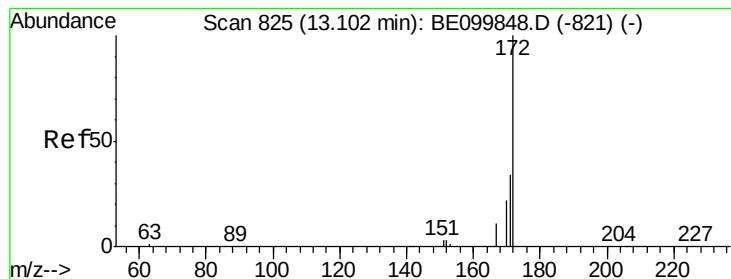
#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:330 Resp: 591
Ion Ratio Lower Upper
330 100
332 92.9 74.9 112.3
141 21.2 16.0 24.0



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

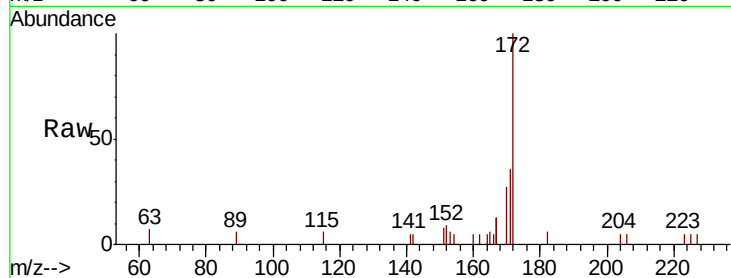




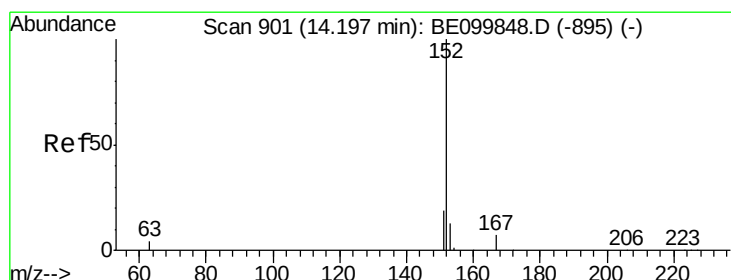
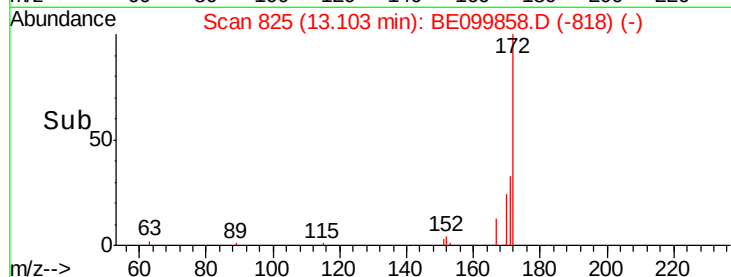
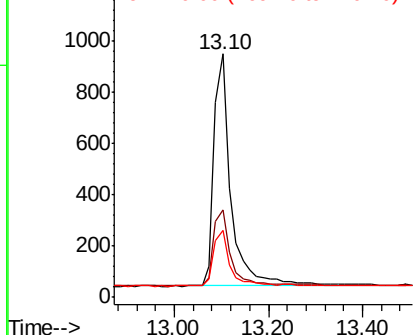
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:172 Resp: 2268
Ion Ratio Lower Upper
172 100
171 35.9 30.2 45.4
170 27.4 20.1 30.1

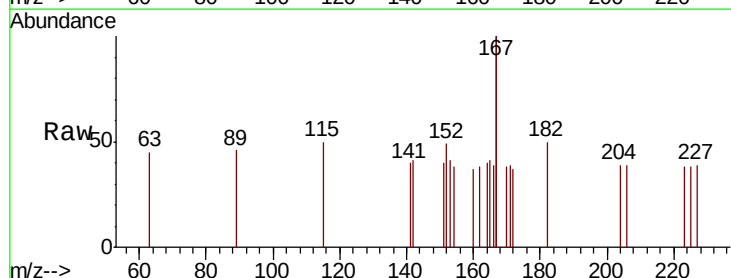


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

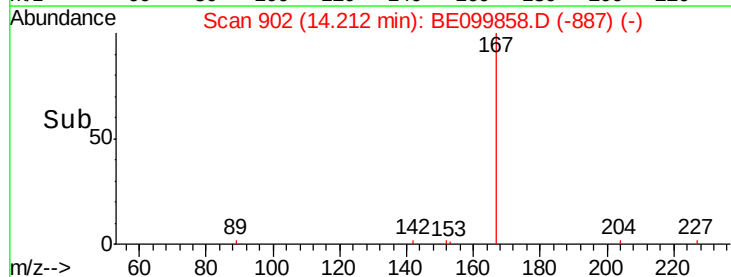
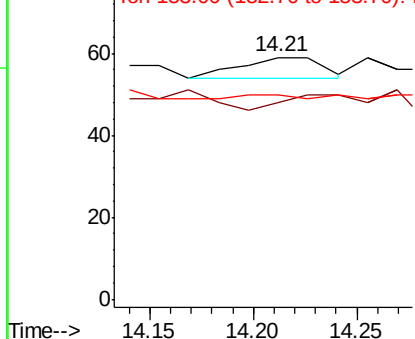


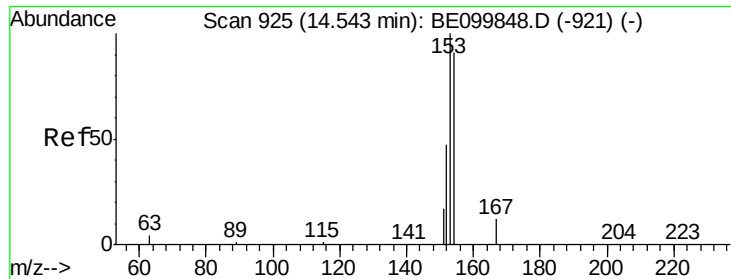
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:152 Resp: 14
Ion Ratio Lower Upper
152 100
151 71.4 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

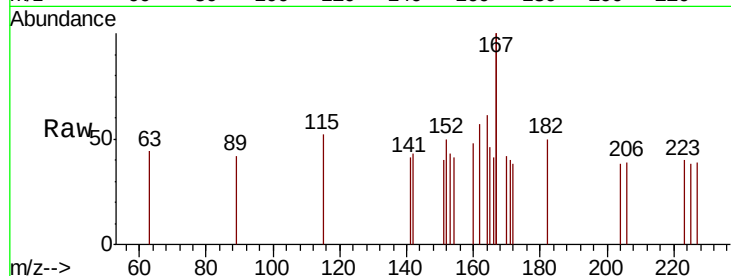




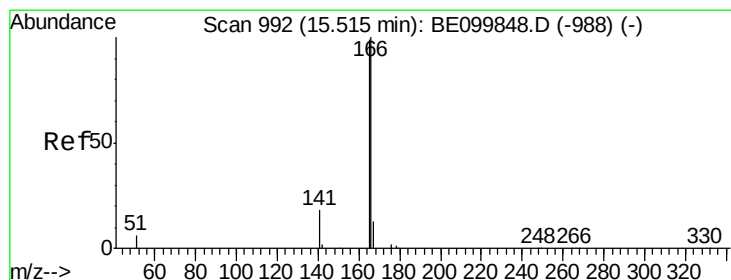
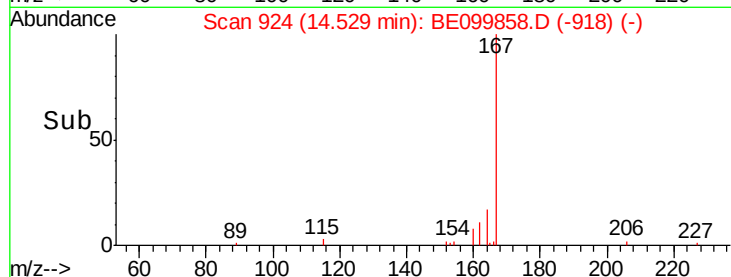
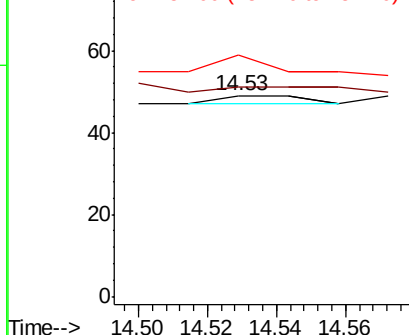
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

Tgt Ion:154 Resp: 3
Ion Ratio Lower Upper
154 100
153 0.0 93.8 140.6#
152 333.3 48.3 72.5#

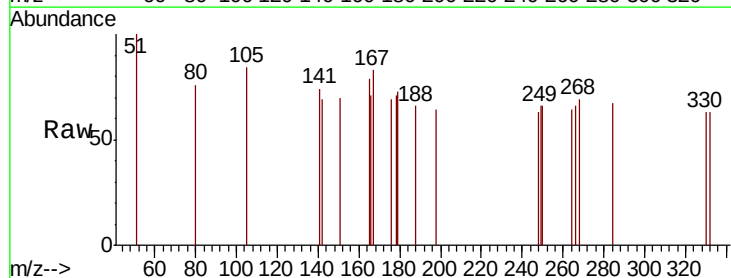


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

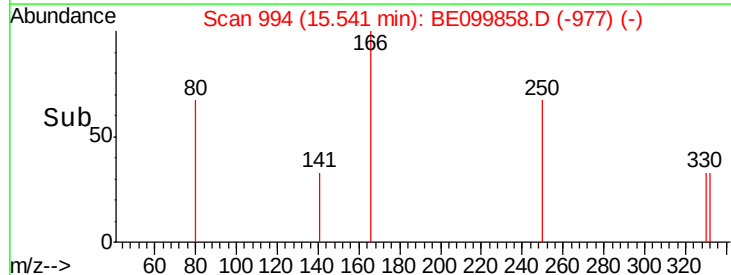
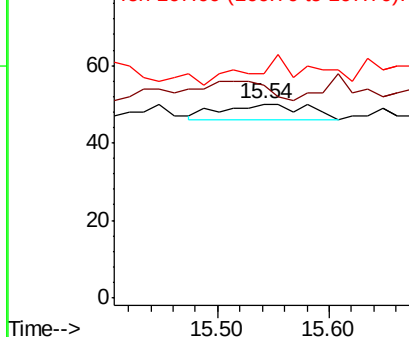


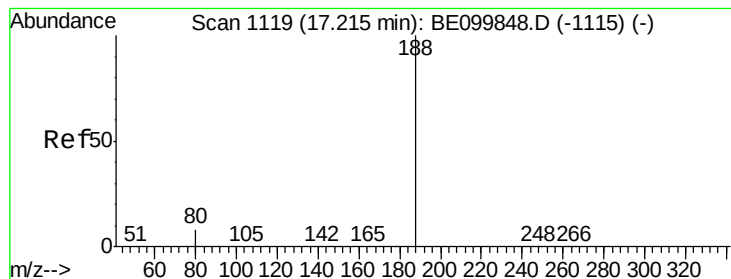
#18
Fluorene
Concen: 0.003 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.03 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:166 Resp: 22
Ion Ratio Lower Upper
166 100
165 0.0 80.4 120.6#
167 136.4 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

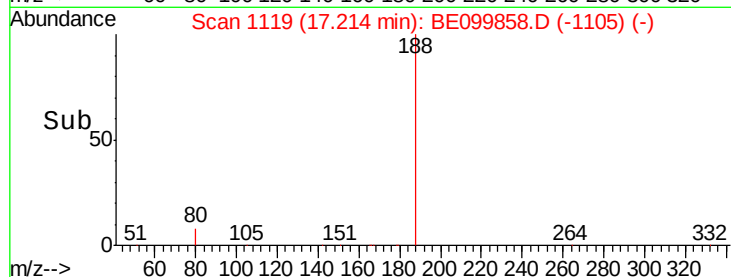
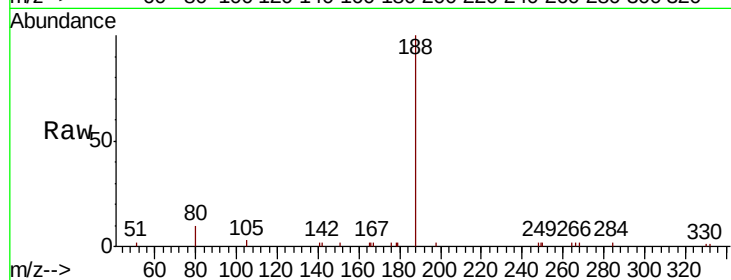
Tgt Ion:188 Resp: 5922

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

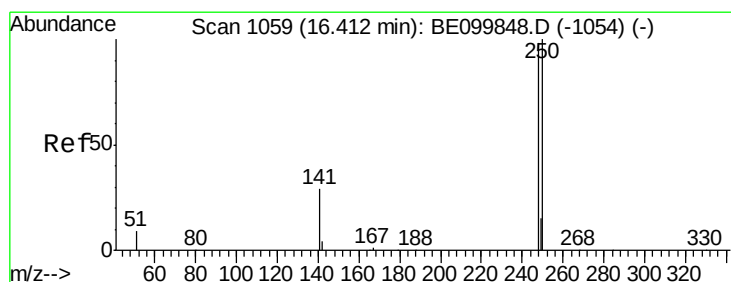
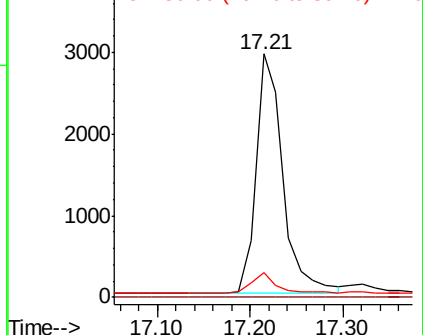
80 9.9 5.2 7.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

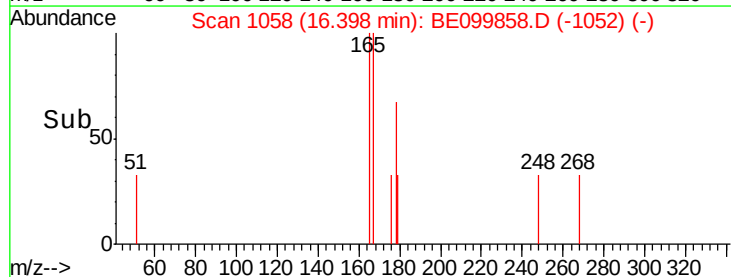
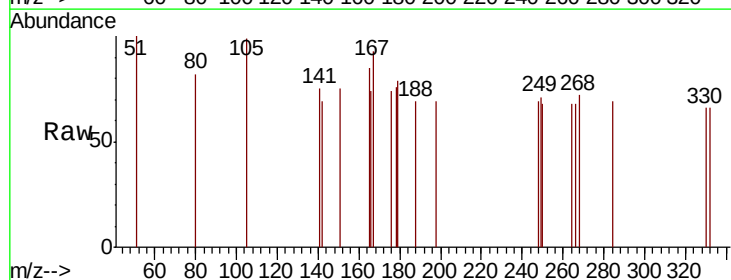
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 97.9 73.7 110.5

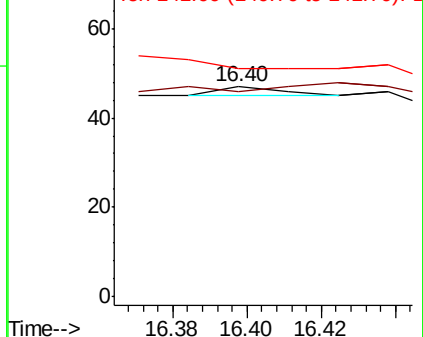
141 108.5 40.9 61.3#

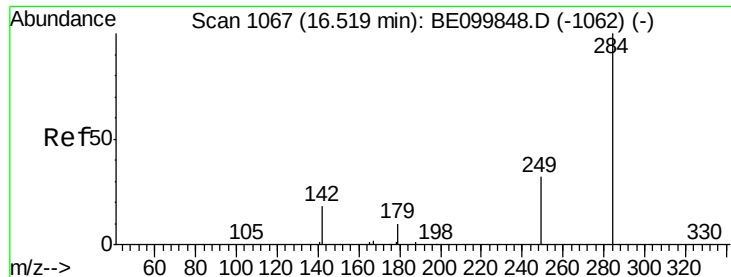


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.003 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

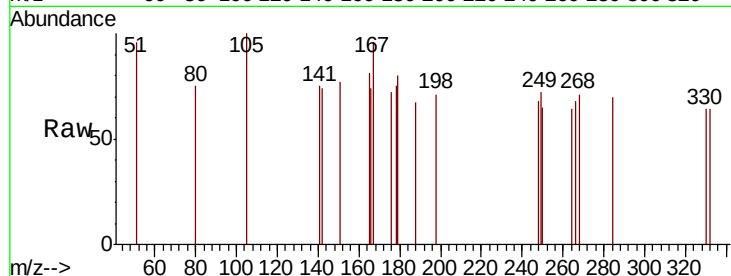
Tgt Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 70.0 16.2 24.4#

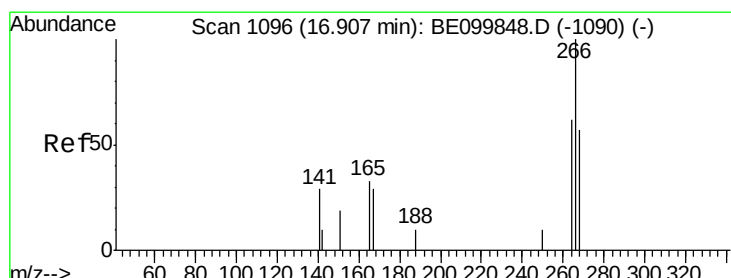
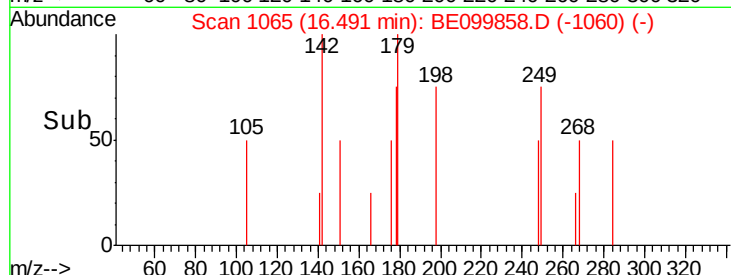
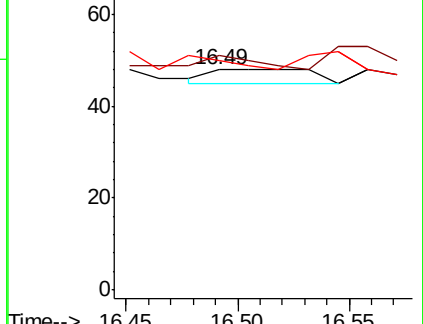
249 0.0 23.1 34.7#



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



#22

Pentachlorophenol

Concen: 0.278 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

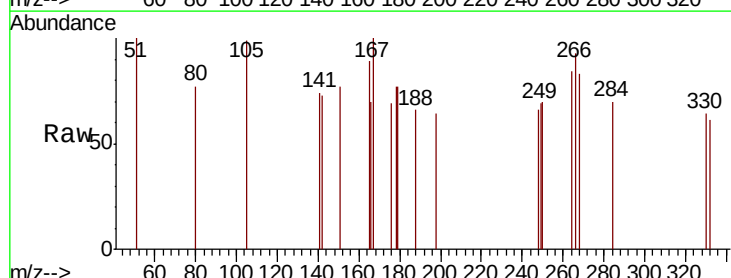
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 90.8 64.9 97.3

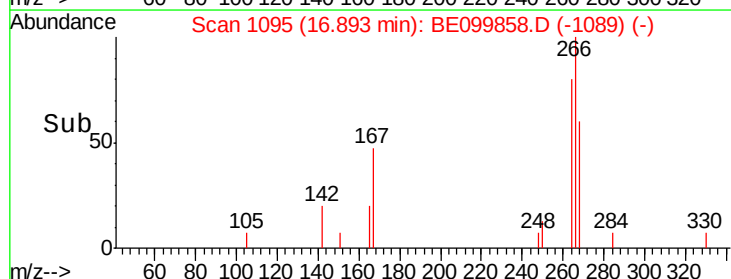
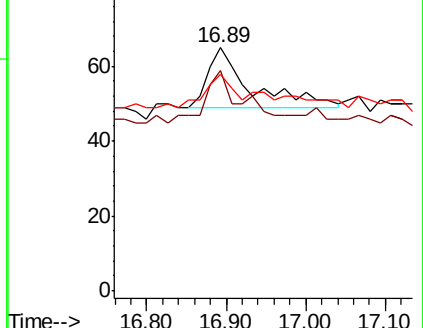
268 89.2 64.0 96.0

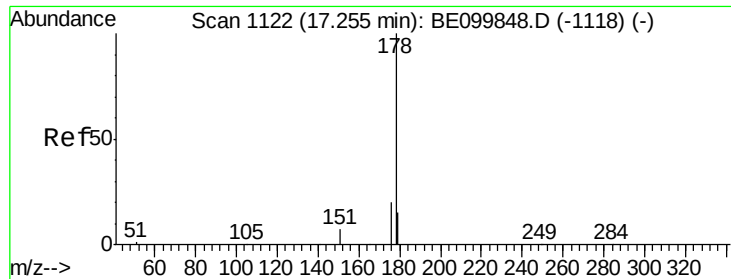


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.007 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

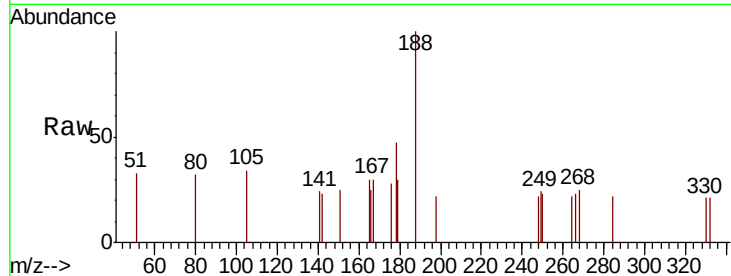
Tgt Ion:178 Resp: 96

Ion Ratio Lower Upper

178 100

176 24.0 15.4 23.0#

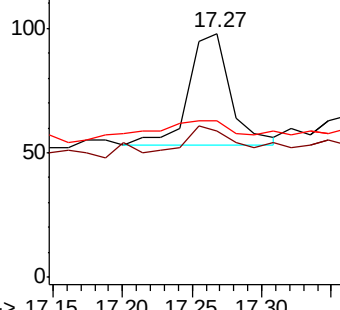
179 42.7 12.5 18.7#



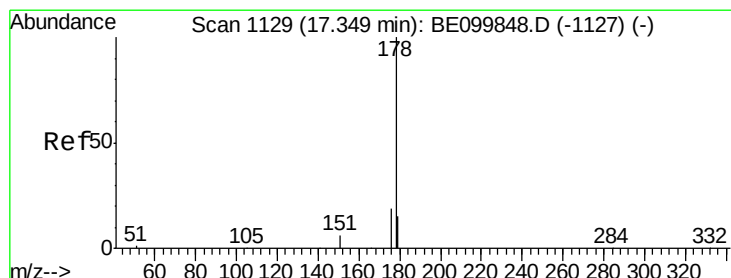
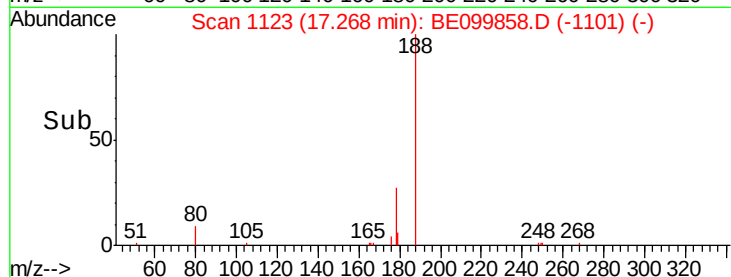
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.15 17.20 17.25 17.30



#24

Anthracene

Concen: 0.002 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

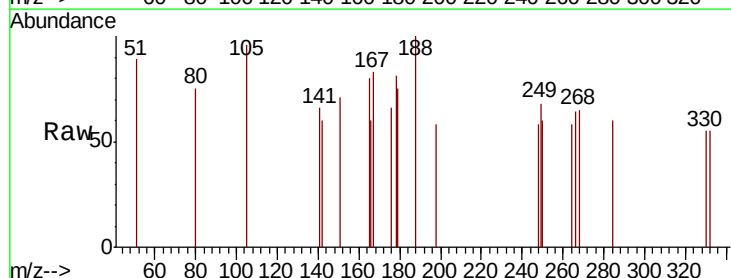
Tgt Ion:178 Resp: 27

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

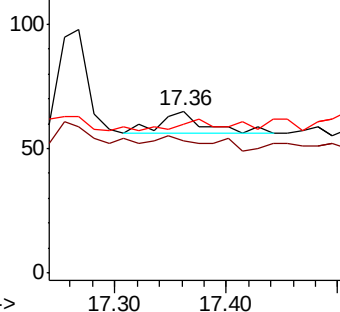
179 44.4 12.1 18.1#



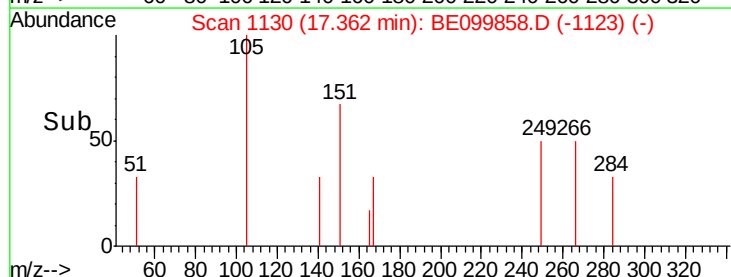
Abundance Ion 178.00 (177.70 to 178.70): E

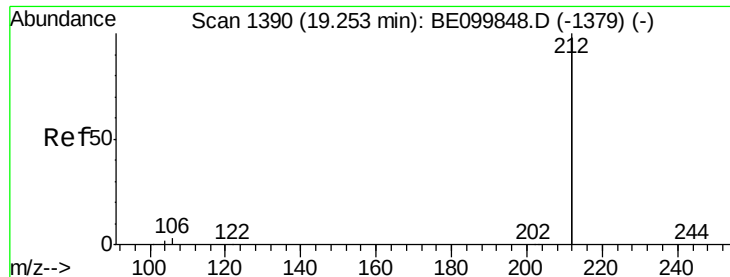
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.30 17.40





#25

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

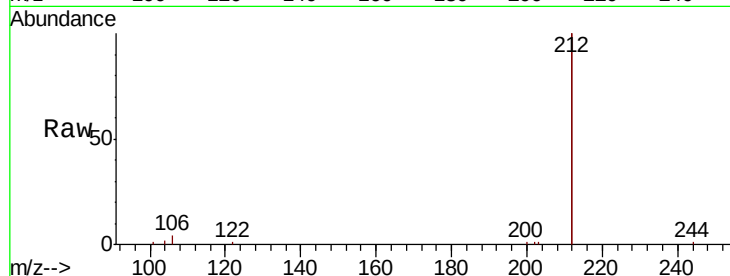
Tgt Ion:212 Resp: 33799

Ion Ratio Lower Upper

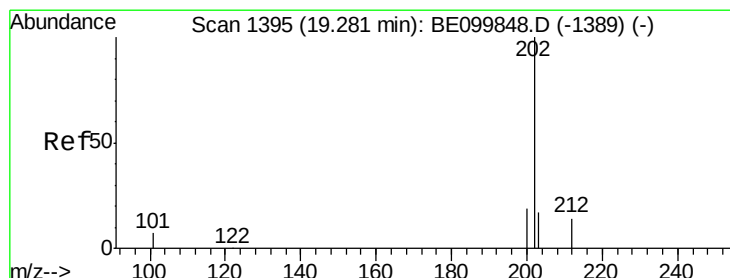
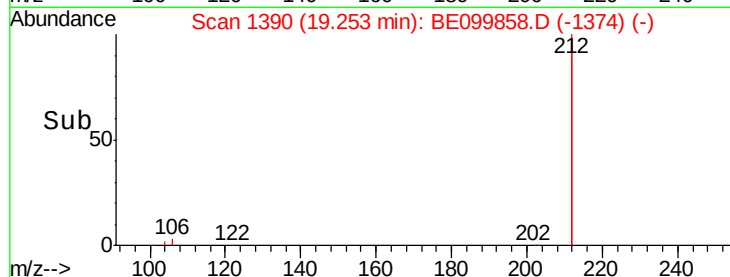
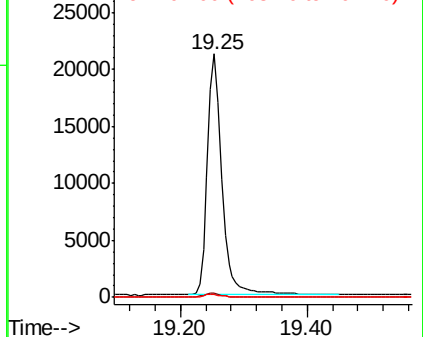
212 100

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: 0.013 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

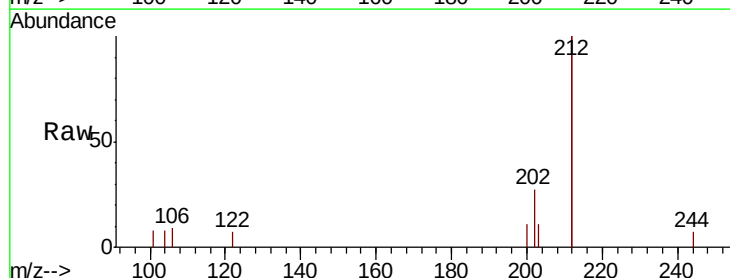
Tgt Ion:202 Resp: 324

Ion Ratio Lower Upper

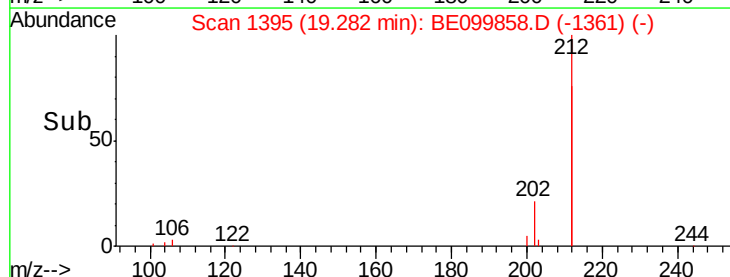
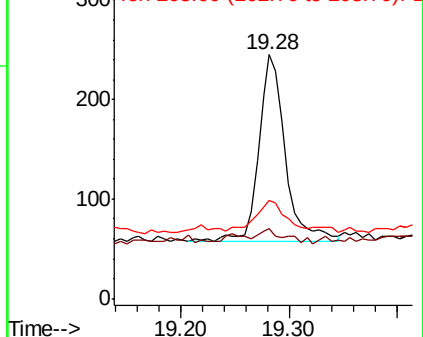
202 100

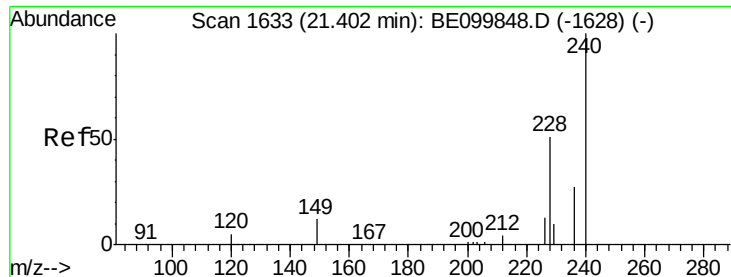
101 7.7 5.2 7.8

203 17.0 13.6 20.4



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

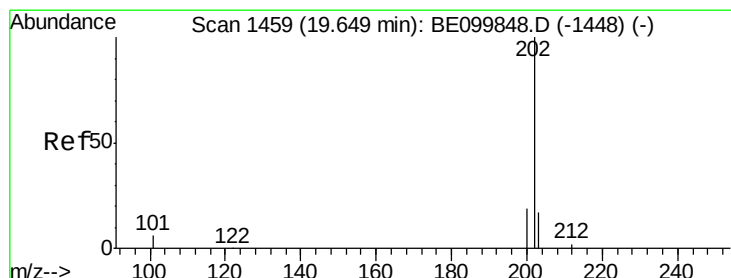
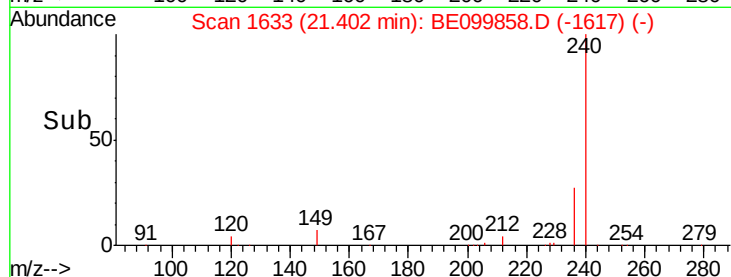
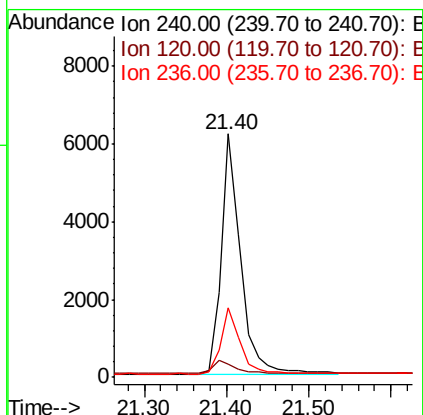
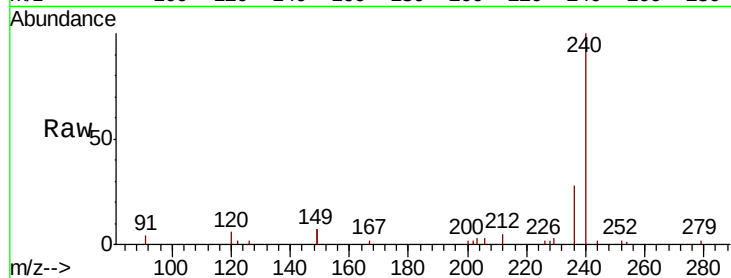




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

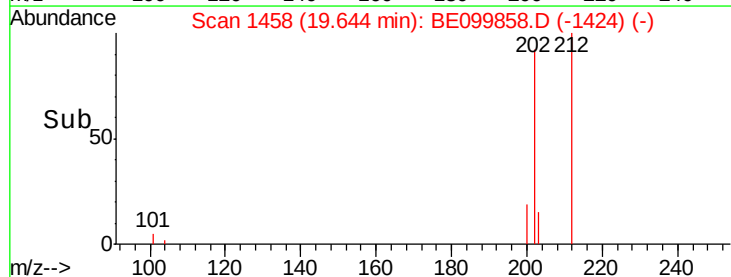
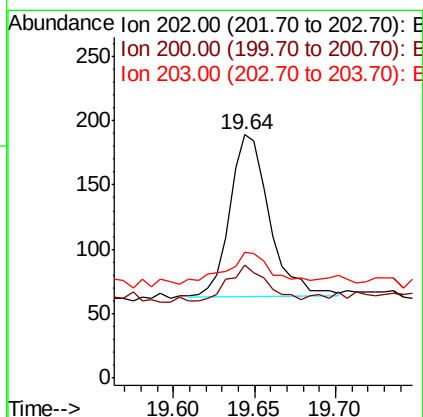
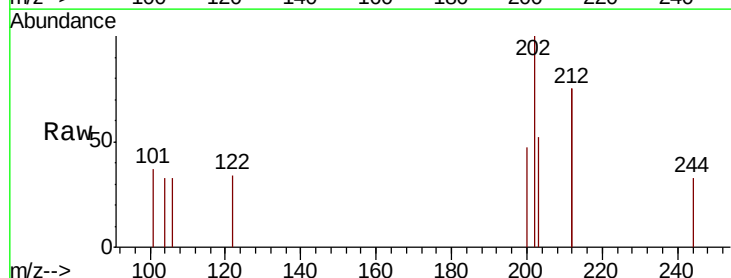
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301D-20190605

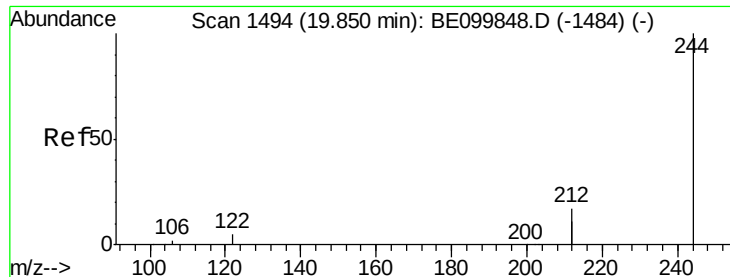
Tgt Ion:240 Resp: 10331
Ion Ratio Lower Upper
240 100
120 5.6 2.8 4.2#
236 28.4 20.9 31.3



#28
Pyrene
Concen: 0.008 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099858.D
Acq: 7 Jun 2019 18:29

Tgt Ion:202 Resp: 212
Ion Ratio Lower Upper
202 100
200 21.2 15.6 23.4
203 23.1 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.409 ng

RT: 19.85 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

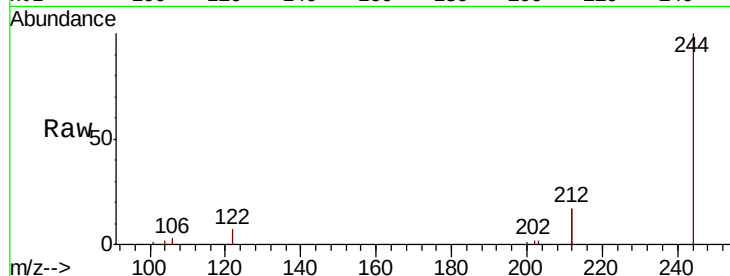
Tgt Ion:244 Resp: 7875

Ion Ratio Lower Upper

244 100

212 33.0 23.7 35.5

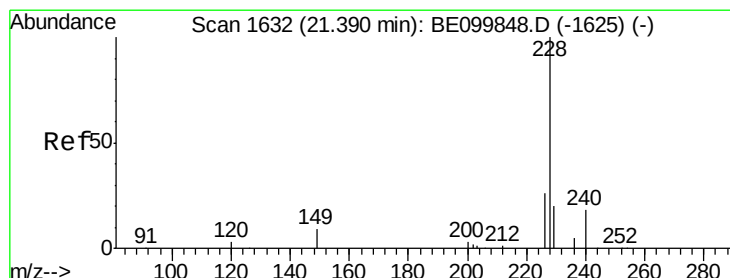
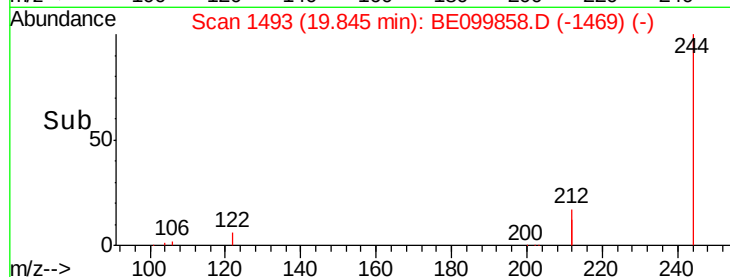
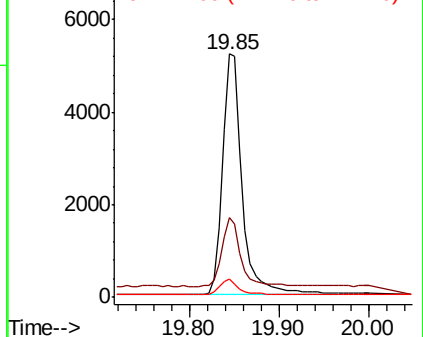
122 7.4 4.8 7.2#



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: 0.006 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

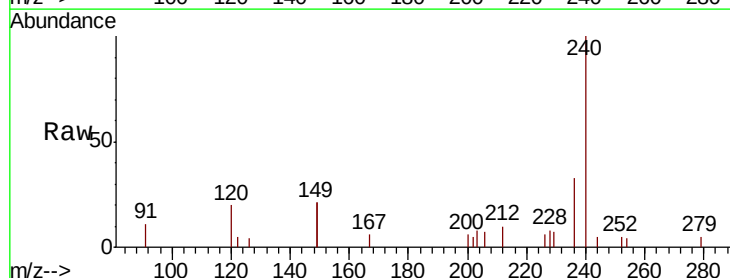
Tgt Ion:228 Resp: 213

Ion Ratio Lower Upper

228 100

226 70.9 21.6 32.4#

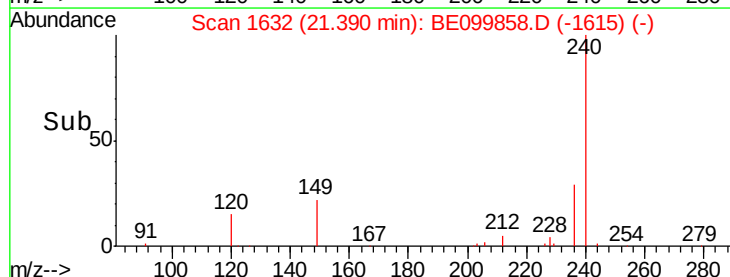
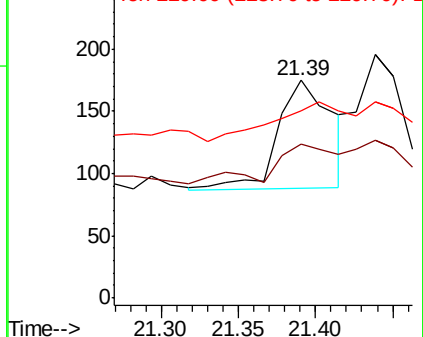
229 86.3 15.8 23.6#

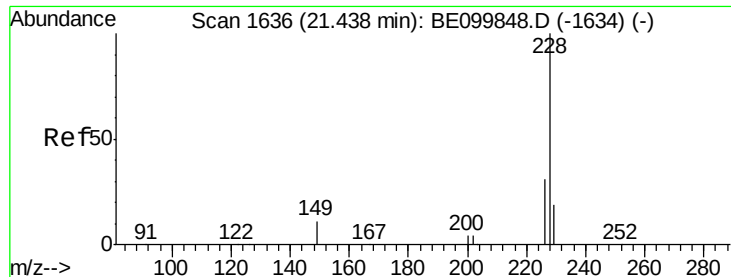


Abundance Ion 228.00 (227.70 to 228.70): E

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: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

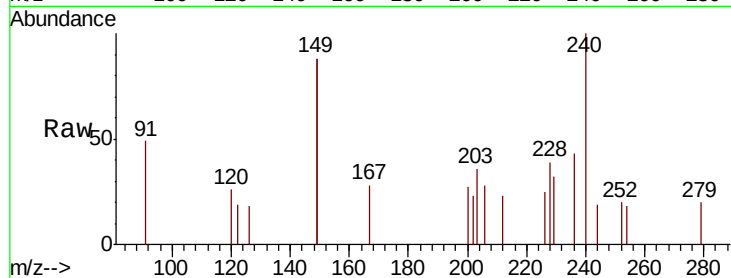
Tgt Ion:228 Resp: 210

Ion Ratio Lower Upper

228 100

226 64.8 22.9 34.3#

229 80.6 16.4 24.6#

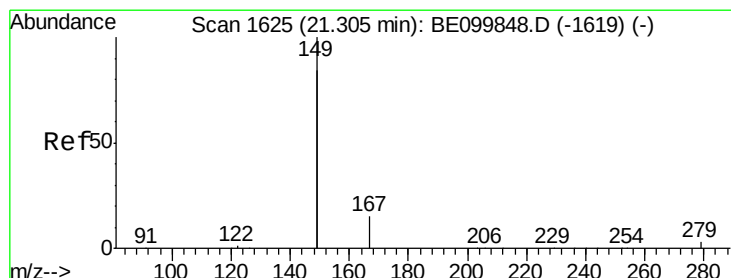
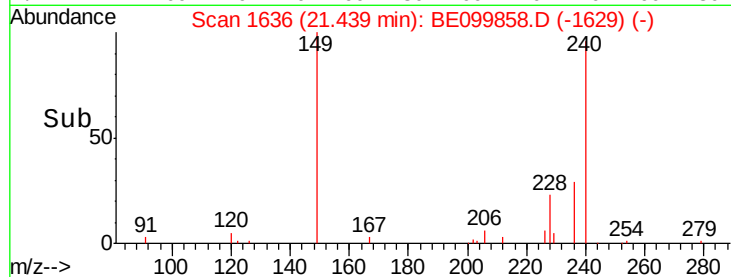
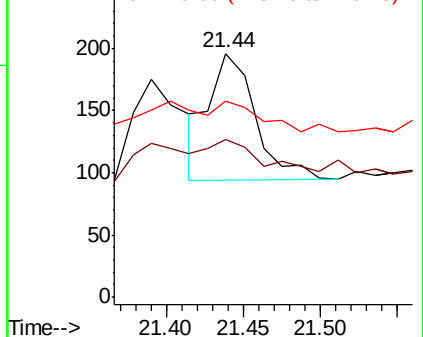


Abundance

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: 0.080 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

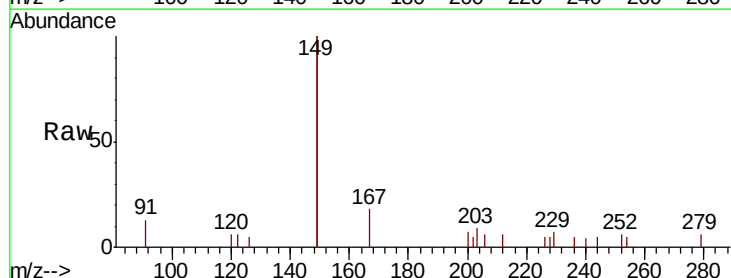
Tgt Ion:149 Resp: 4297

Ion Ratio Lower Upper

149 100

167 8.1 6.0 9.0

279 2.4 1.2 1.8#

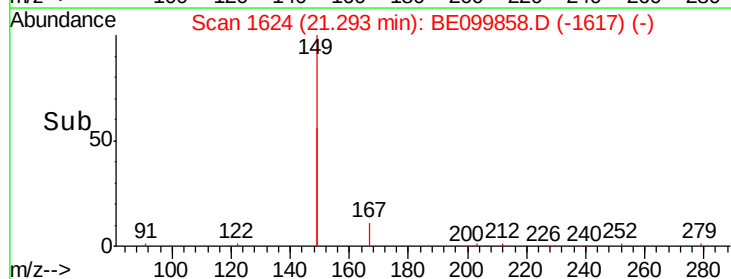
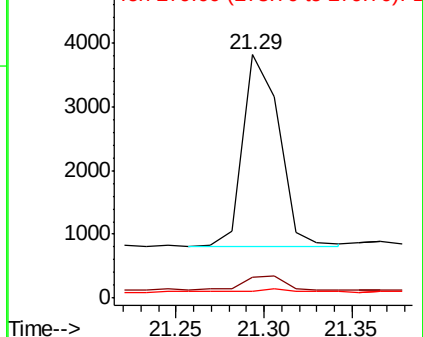


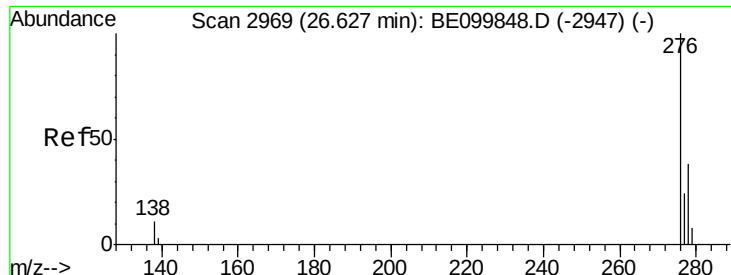
Abundance

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: 0.001 ng

RT: 26.60 min Scan# 2963

Delta R.T. -0.03 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

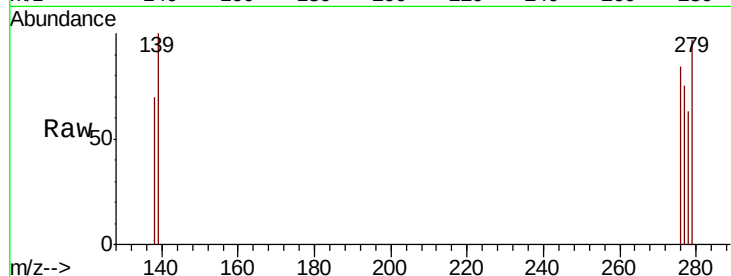
Tgt Ion: 276 Resp: 24

Ion Ratio Lower Upper

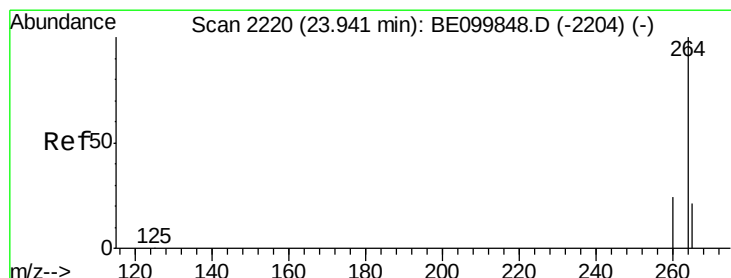
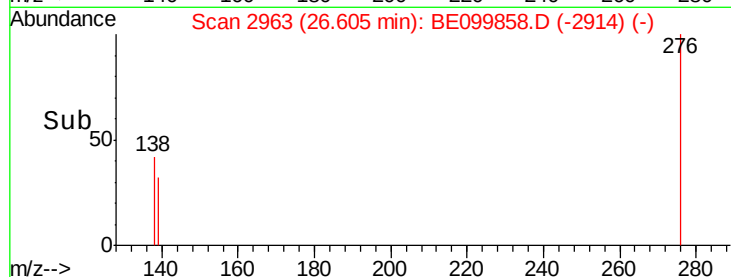
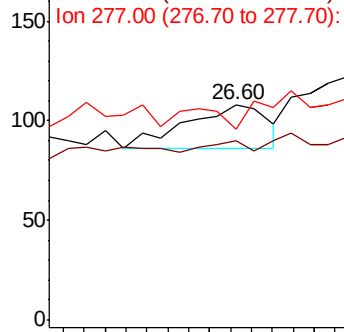
276 100

138 12.5 10.3 15.5

277 25.0 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: 23.94 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

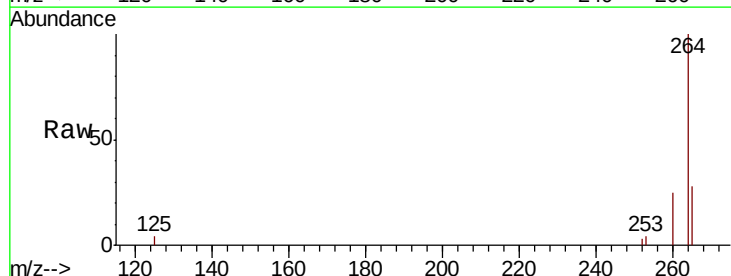
Tgt Ion: 264 Resp: 12533

Ion Ratio Lower Upper

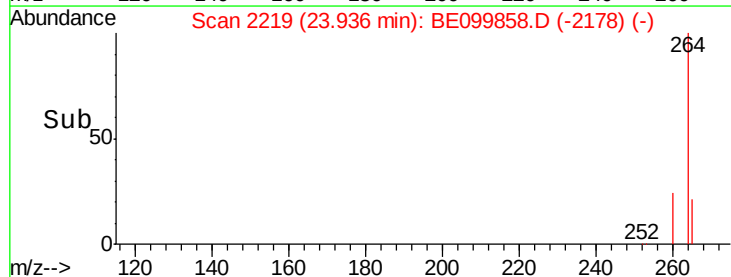
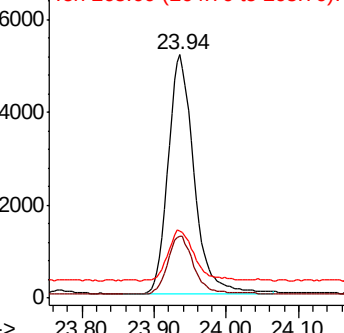
264 100

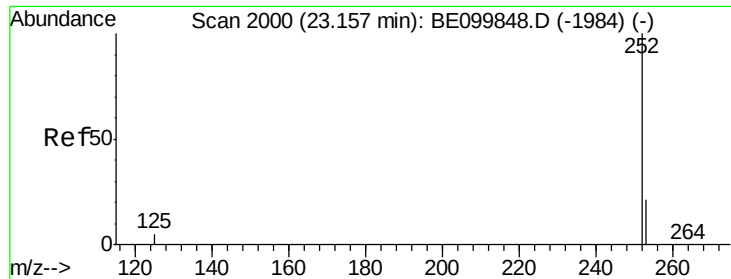
260 25.5 20.0 30.0

265 27.7 20.7 31.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 23.16 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

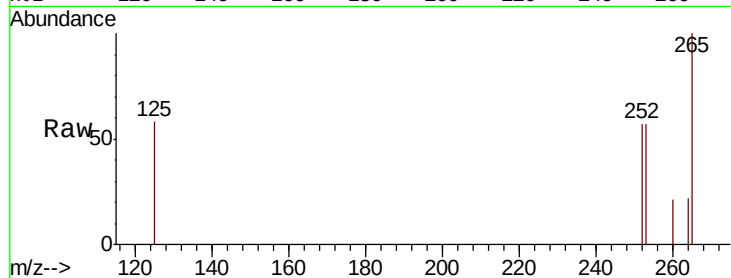
Tgt Ion:252 Resp: 294

Ion Ratio Lower Upper

252 100

253 100.0 18.9 28.3#

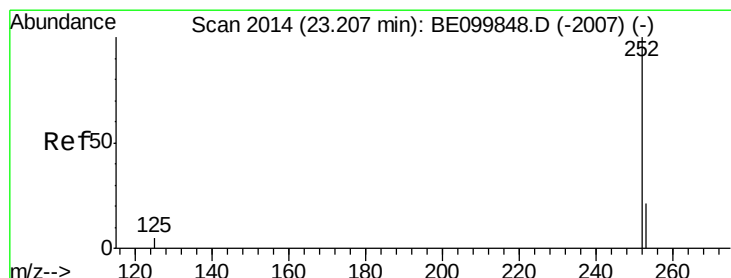
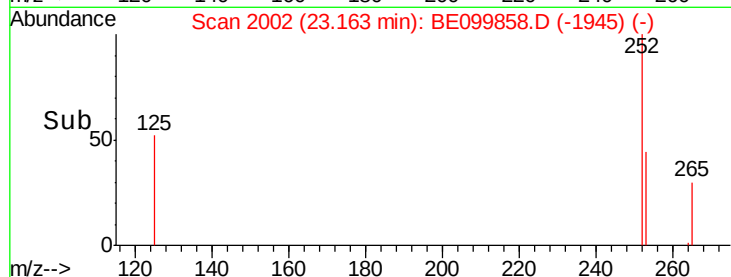
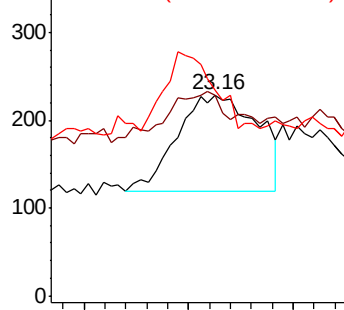
125 102.2 7.6 11.4#



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



#36

Benzo(k)fluoranthene

Concen: 0.008 ng

RT: 23.16 min Scan# 2002

Delta R.T. -0.05 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

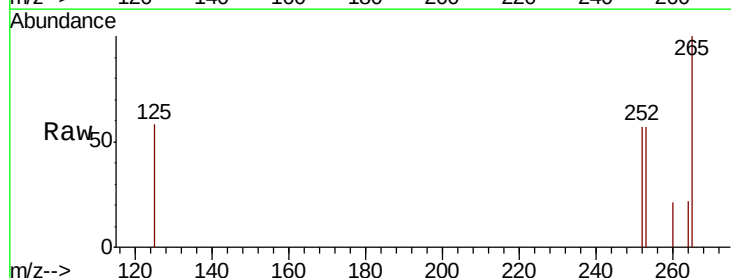
Tgt Ion:252 Resp: 294

Ion Ratio Lower Upper

252 100

253 100.0 18.4 27.6#

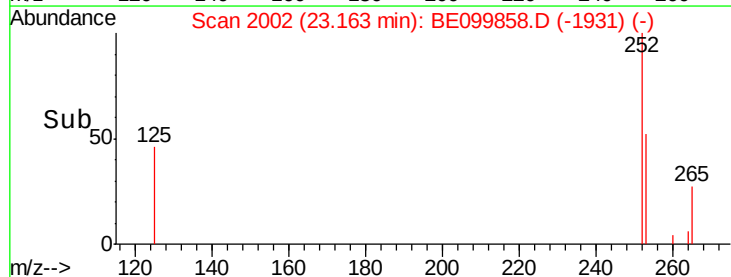
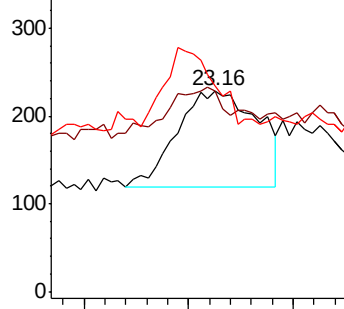
125 102.2 4.6 7.0#

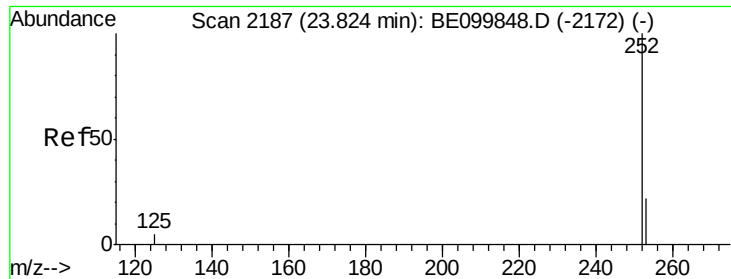


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.005 ng

RT: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605

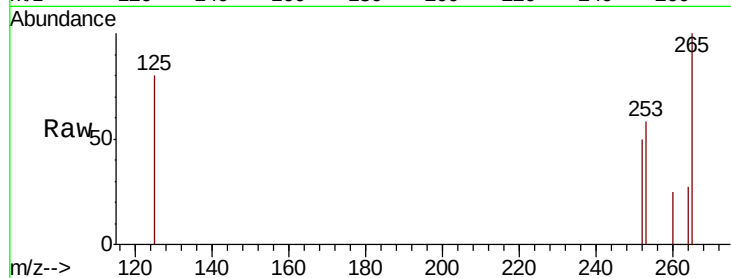
Tgt Ion: 252 Resp: 167

Ion Ratio Lower Upper

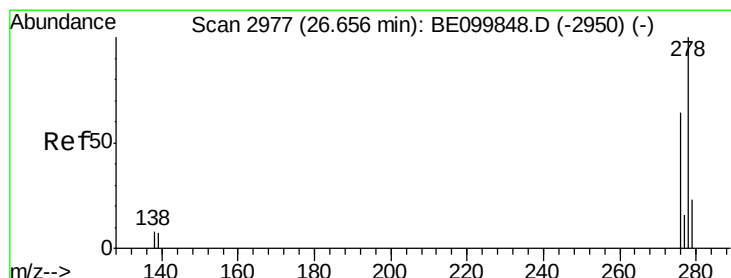
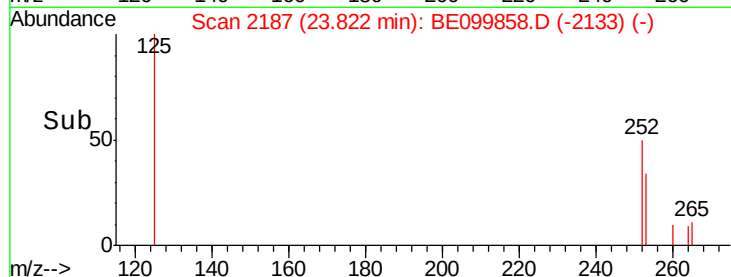
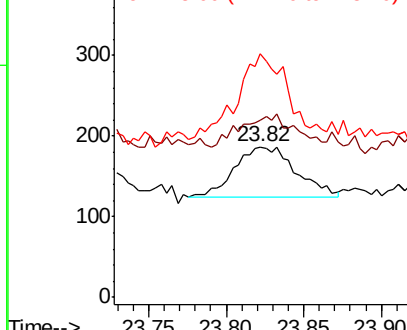
252 100

253 117.6 19.3 28.9#

125 161.5 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



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.65 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BE099858.D

Acq: 7 Jun 2019 18:29

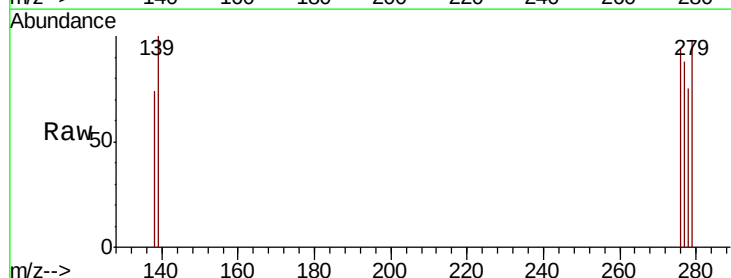
Tgt Ion: 278 Resp: 2

Ion Ratio Lower Upper

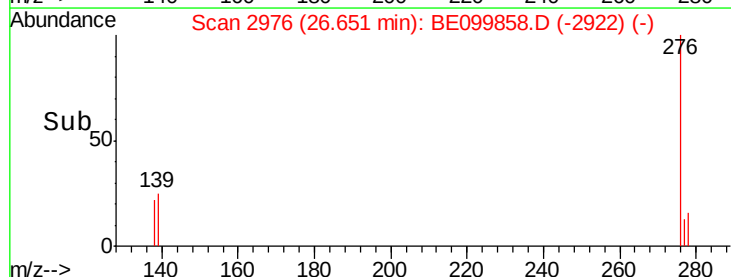
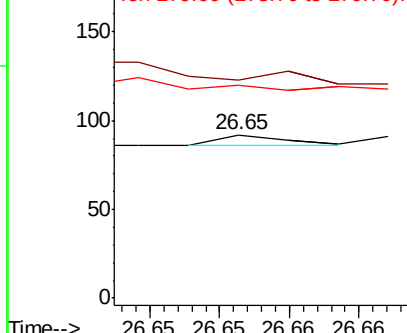
278 100

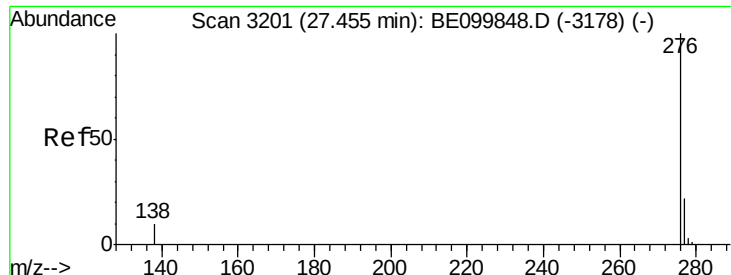
139 133.7 7.9 11.9#

279 130.4 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: 0.001 ng

RT: 27.45 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BE099858.D

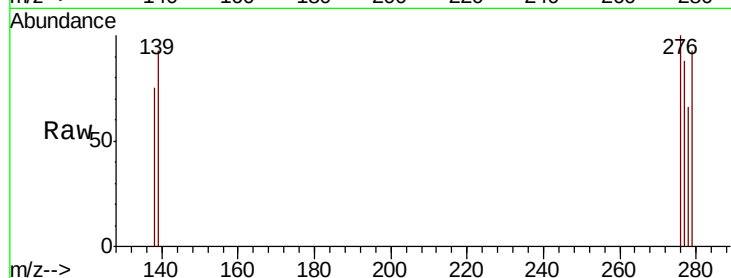
Acq: 7 Jun 2019 18:29

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301D-20190605



Tgt Ion: 276 Resp: 48

Ion Ratio Lower Upper

276 100

277 88.1 19.6 29.4#

138 75.4 9.0 13.4#

