

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099860.D
 Acq On : 7 Jun 2019 19:40
 Operator : JU/SJ
 Sample : K3221-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW301S-20190605

Quant Time: Jun 08 04:32:45 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	735	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2463	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1877	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6128	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10185	0.40	ng	-0.01
34) Perylene-d12	23.94	264	12467	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	337	0.14	ng	0.00
5) Phenol-d6	6.96	99	271	0.09	ng	0.00
8) Nitrobenzene-d5	8.96	82	836	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1458	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	590	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2863	0.42	ng	0.00
25) Fluoranthene-d10	19.25	212	34362	0.36	ng	0.00
29) Terphenyl-d14	19.85	244	8374	0.44	ng	0.00

Target Compounds

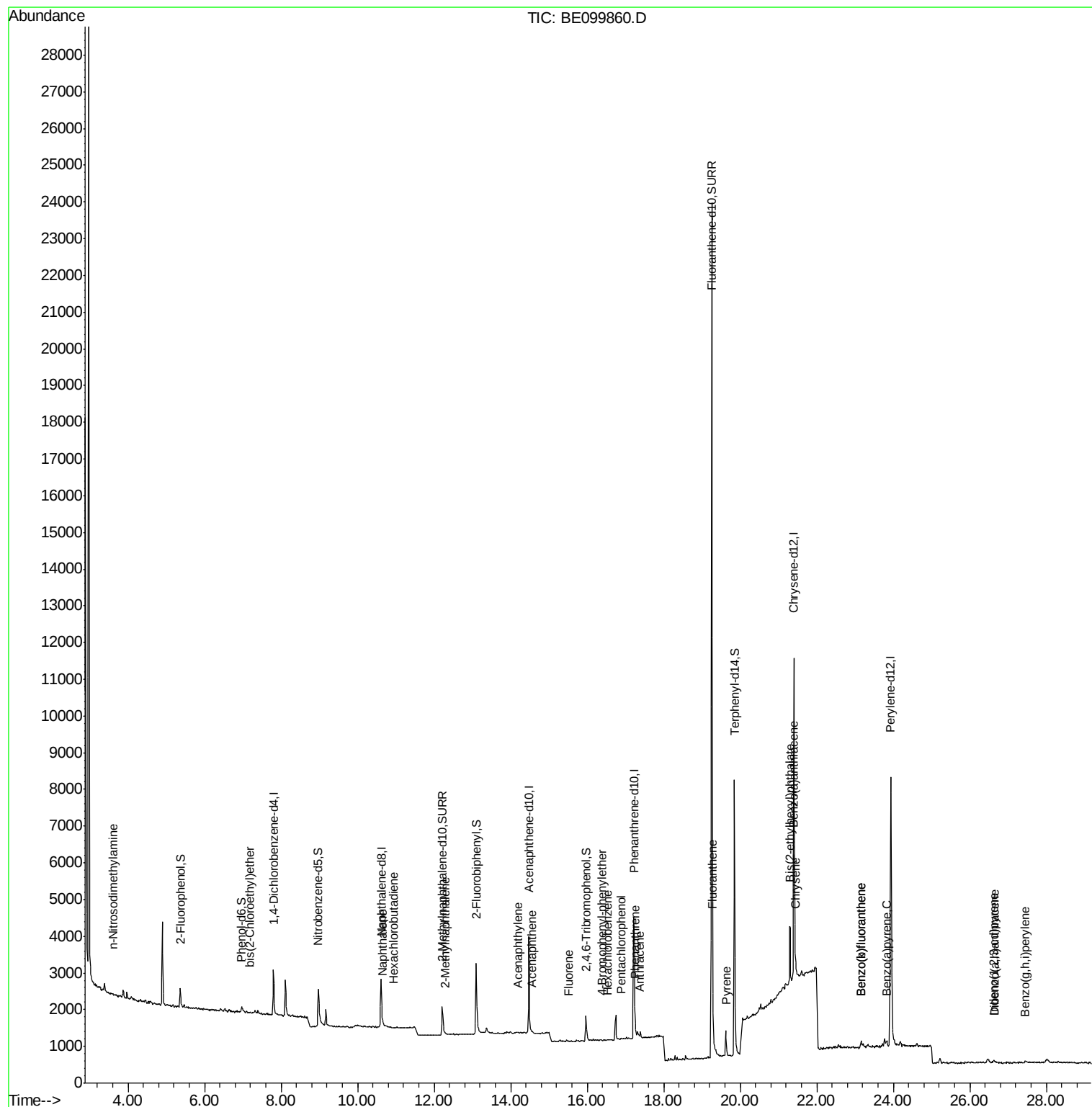
					Qvalue
2) 1,4-Dioxane	3.26	88	15	Below Cal	# 1
3) n-Nitrosodimethylamine	3.60	42	15	0.021 ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	11	0.005 ng	# 16
9) Naphthalene	10.65	128	115	0.004 ng	# 47
10) Hexachlorobutadiene	10.93	225	2	0.001 ng	# 1
12) 2-Methylnaphthalene	12.28	142	17	0.004 ng	# 53
16) Acenaphthylene	14.20	152	11	0.001 ng	# 53
17) Acenaphthene	14.54	154	4	0.001 ng	# 2
18) Fluorene	15.51	166	8	0.001 ng	# 86
20) 4-Bromophenyl-phenylether	16.38	248	2	0.001 ng	# 65
21) Hexachlorobenzene	16.52	284	6	0.002 ng	# 1
22) Pentachlorophenol	16.88	266	37	0.258 ng	# 89
23) Phenanthrene	17.26	178	75	0.005 ng	# 76
24) Anthracene	17.36	178	35	0.002 ng	# 61
26) Fluoranthene	19.28	202	152	0.006 ng	# 80
28) Pyrene	19.64	202	151	0.006 ng	# 85
30) Benzo(a)anthracene	21.39	228	142	0.004 ng	# 1
31) Chrysene	21.44	228	134	0.004 ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	2529	0.048 ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.62	276	45	0.001 ng	# 96
35) Benzo(b)fluoranthene	23.16	252	172	0.005 ng	# 1
36) Benzo(k)fluoranthene	23.16	252	172	0.005 ng	# 1
37) Benzo(a)pyrene	23.82	252	57	0.002 ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	3	0.000 ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	25	0.001 ng	# 1

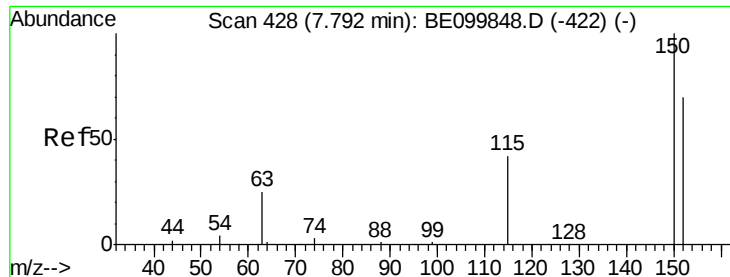
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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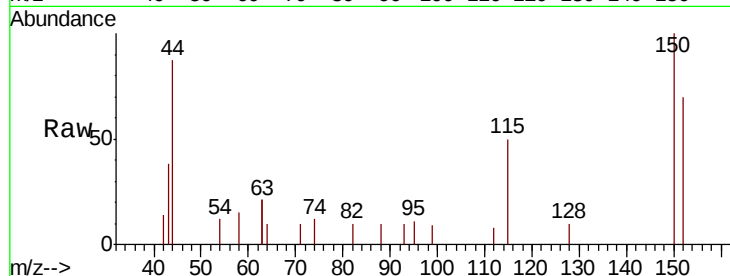


#1

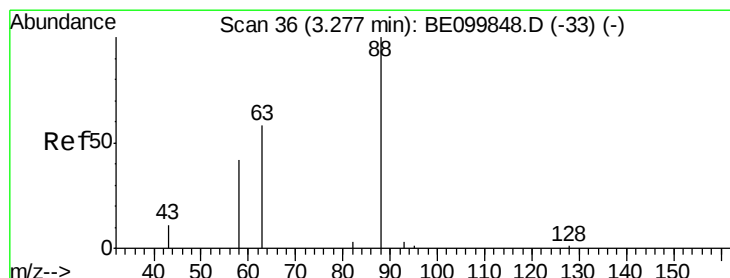
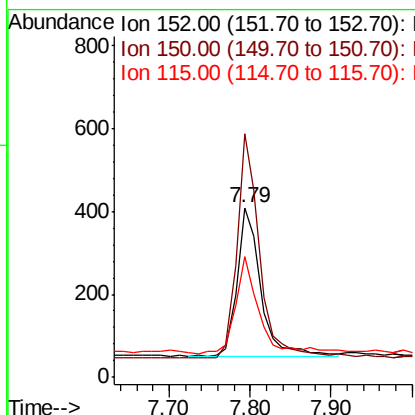
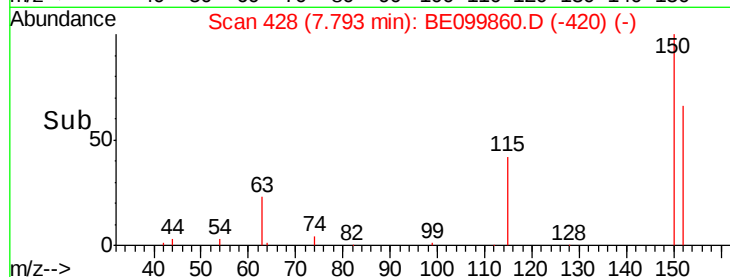
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion: 152 Resp: 735
Ion Ratio Lower Upper
152 100
150 143.4 112.8 169.2
115 71.2 47.6 71.4



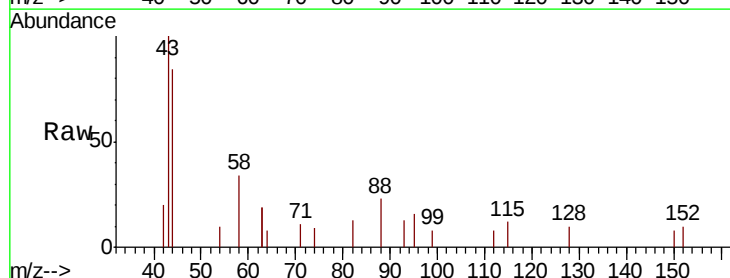
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



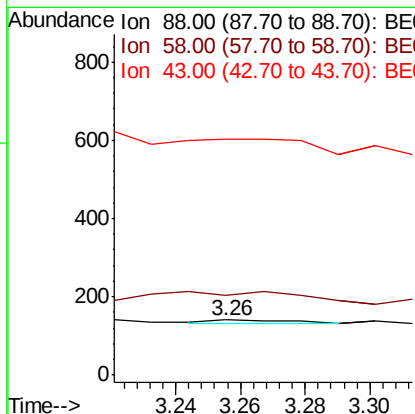
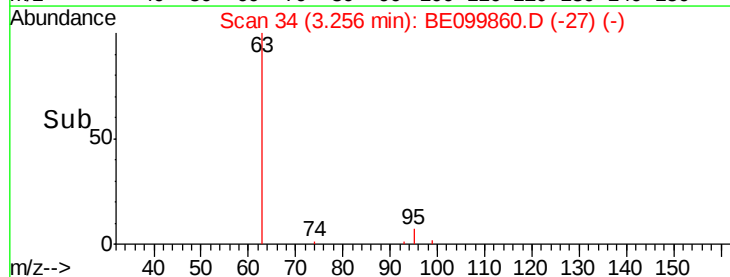
#2

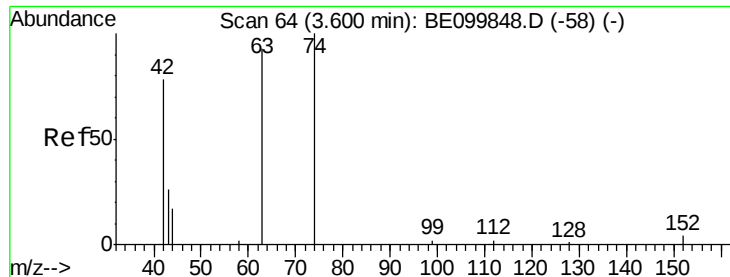
1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 34
Delta R.T. -0.02 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
58 640.0 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: 0.021 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

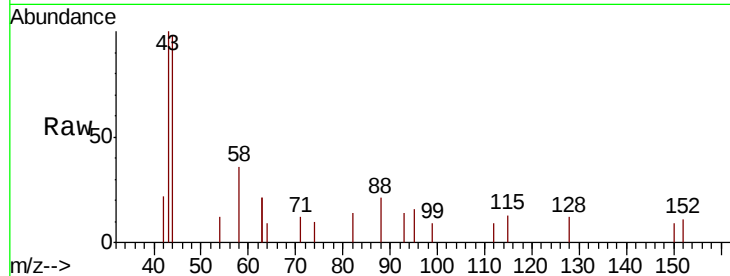
Tgt Ion: 42 Resp: 15

Ion Ratio Lower Upper

42 100

74 0.0 132.6 198.8#

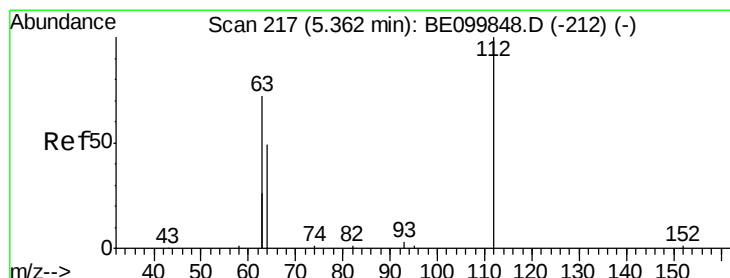
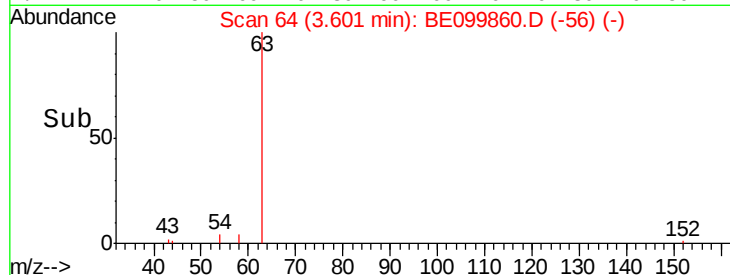
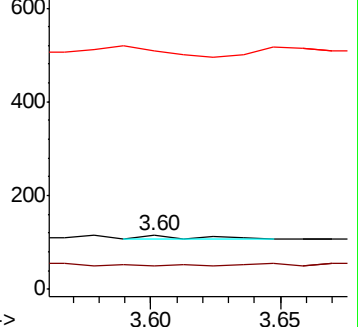
44 0.0 13.4 20.0#



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



#4

2-Fluorophenol

Concen: 0.137 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

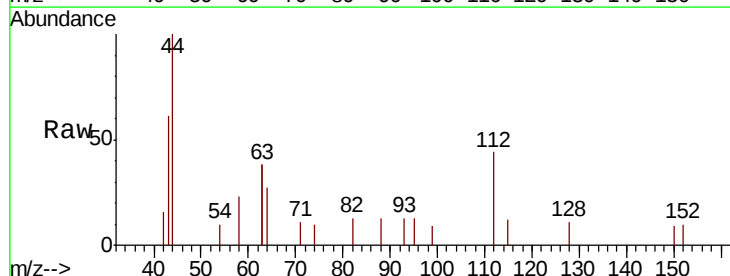
Tgt Ion: 112 Resp: 337

Ion Ratio Lower Upper

112 100

64 61.7 47.2 70.8

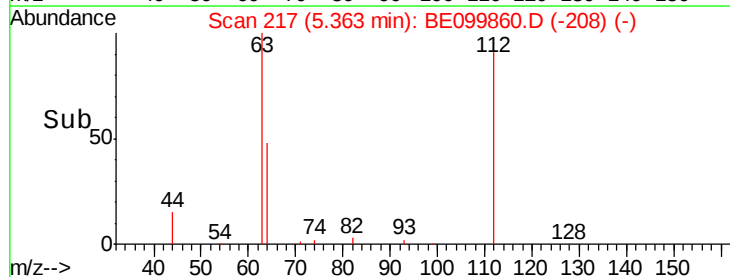
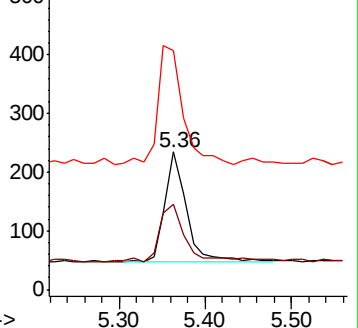
63 124.6 90.7 136.1

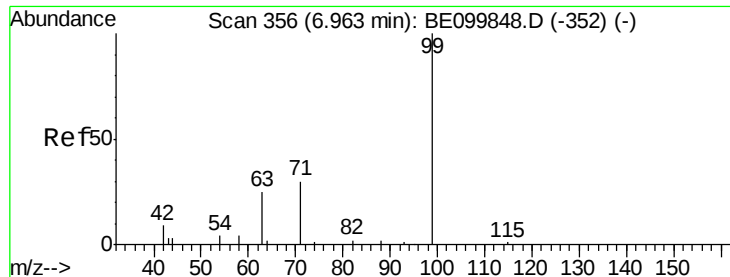


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.089 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

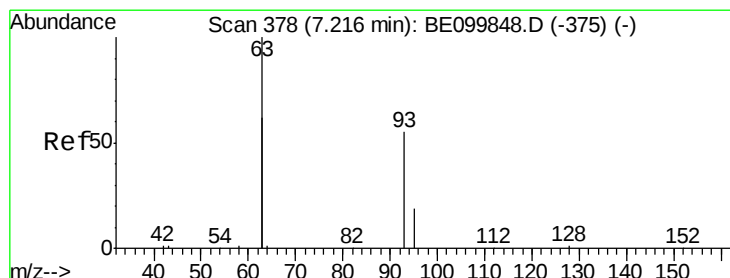
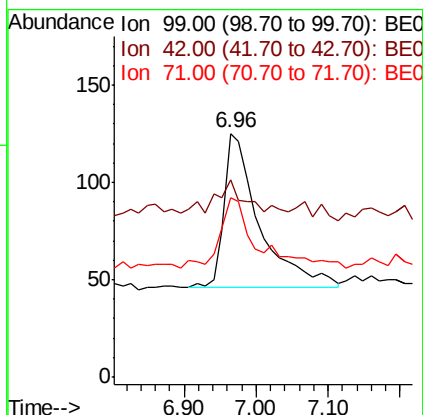
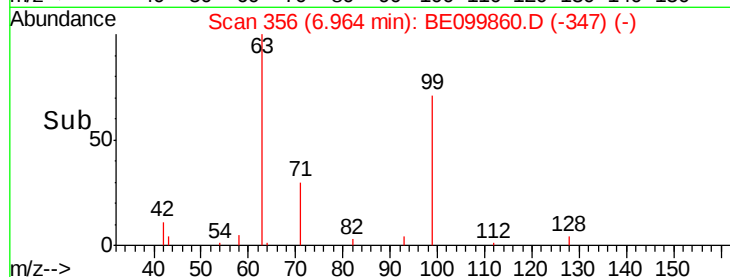
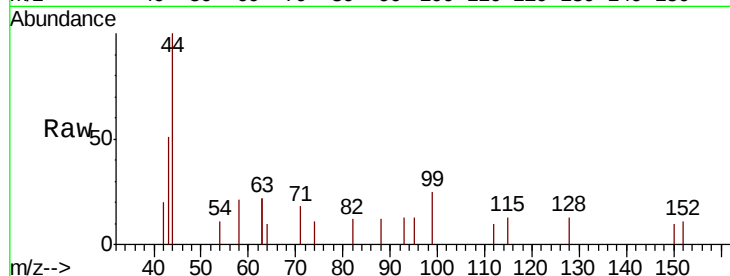
Tgt Ion: 99 Resp: 271

Ion Ratio Lower Upper

99 100

42 19.6 11.0 16.4#

71 48.0 26.1 39.1#



#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.05 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

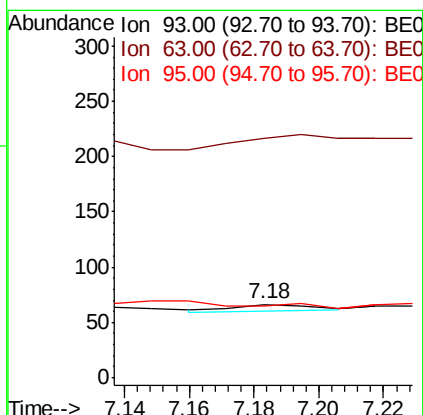
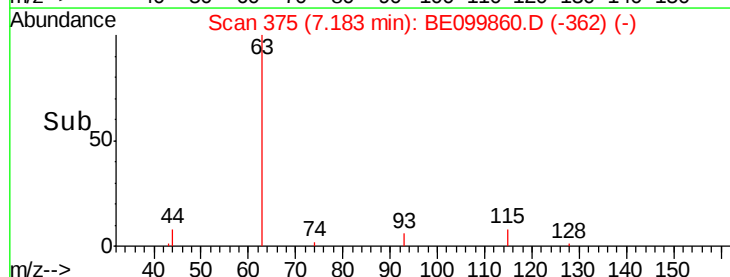
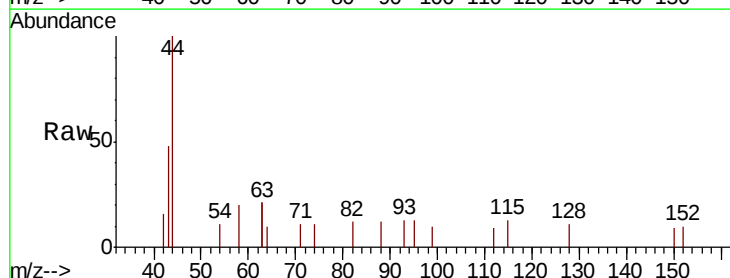
Tgt Ion: 93 Resp: 11

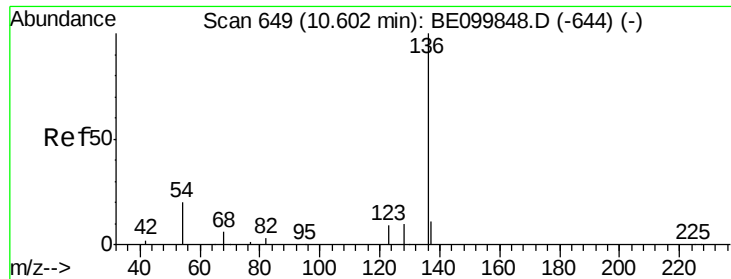
Ion Ratio Lower Upper

93 100

63 418.2 208.8 313.2#

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: BE099860.D

Acq: 7 Jun 2019 19:40

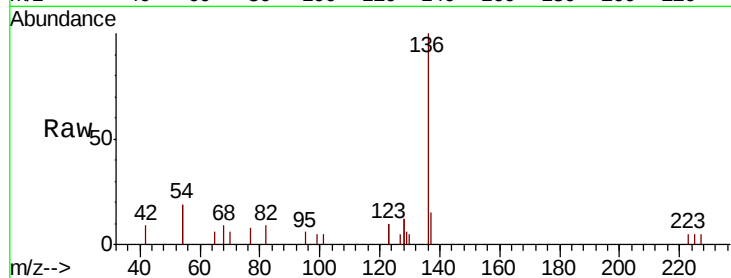
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

Tgt Ion:	136	Resp:	2463
Ion	Ratio	Lower	Upper
136	100		
137	15.0	11.1	16.7
54	37.3	17.9	26.9#
68	9.2	5.4	8.0#

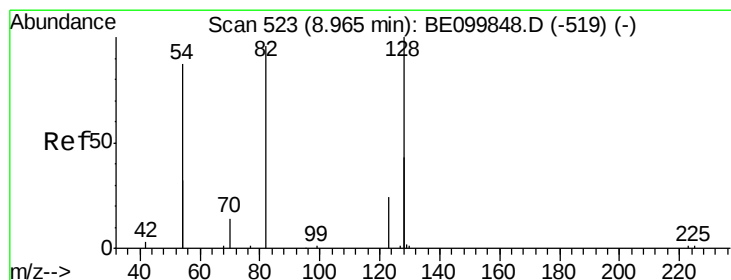
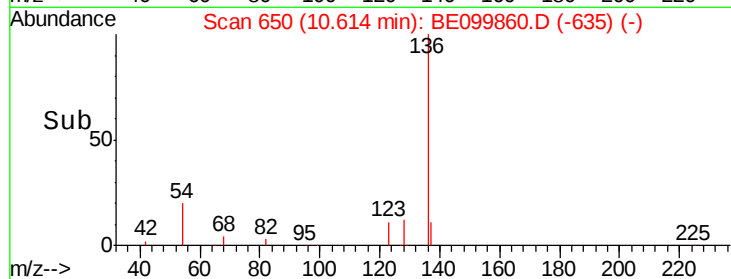
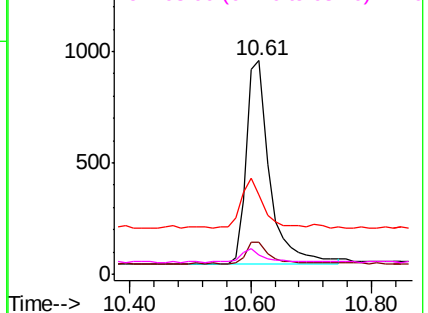


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.336 ng

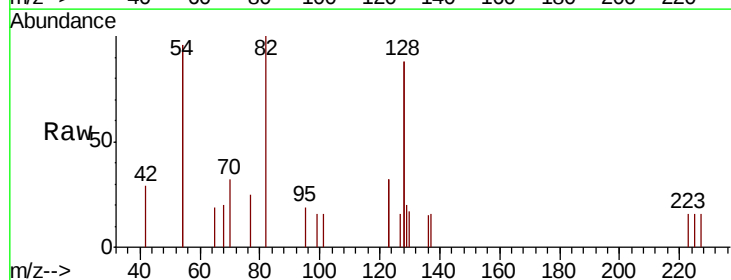
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

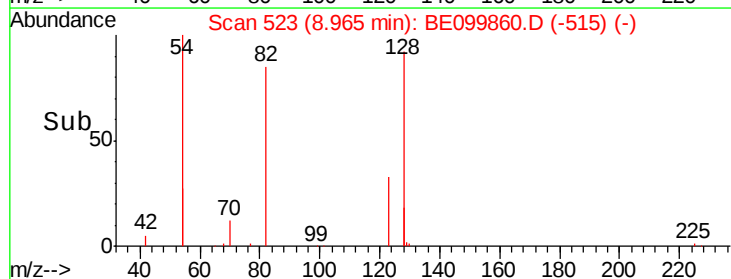
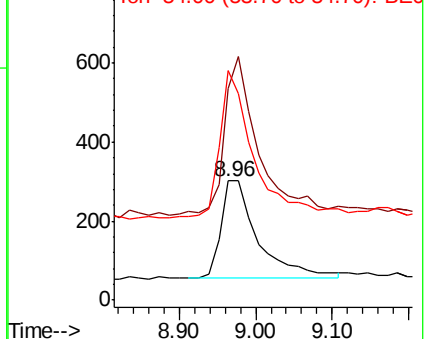
Tgt Ion:	82	Resp:	836
Ion	Ratio	Lower	Upper
82	100		
128	176.8	116.6	175.0#
54	192.7	136.2	204.4

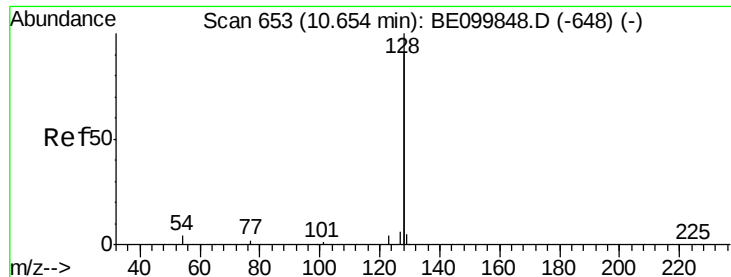


Abundance Ion 82.00 (81.70 to 82.70): BE0

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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ClientSampleId :

BPS1-TT-MW301S-20190605

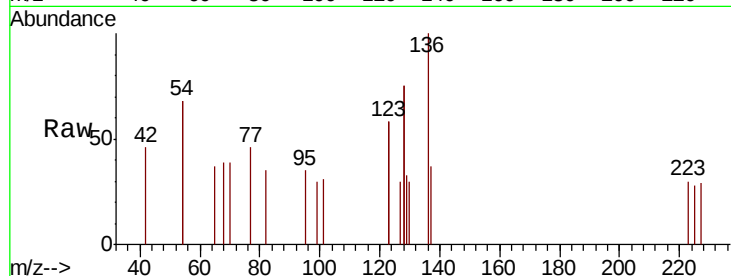
Tgt Ion:128 Resp: 115

Ion Ratio Lower Upper

128 100

129 22.1 2.6 4.0#

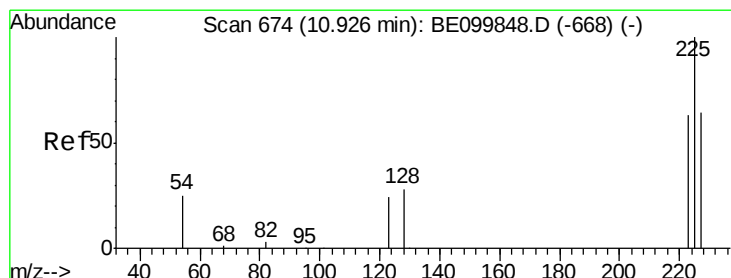
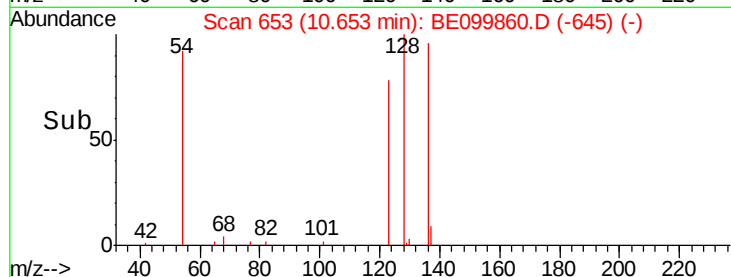
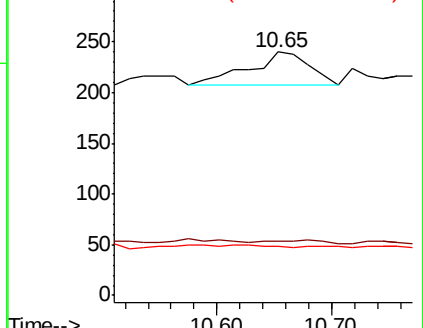
127 20.4 3.0 4.6#



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: 0.001 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

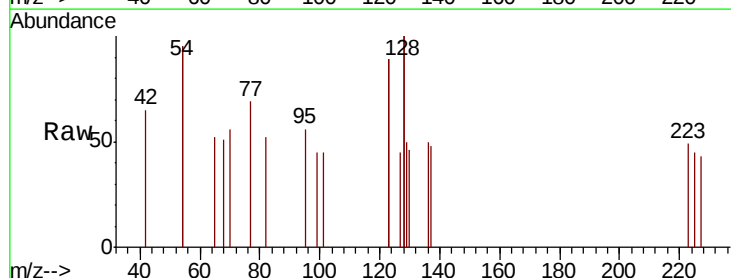
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 500.0 48.6 72.8#

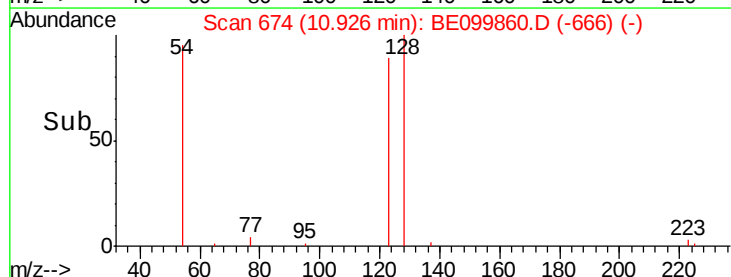
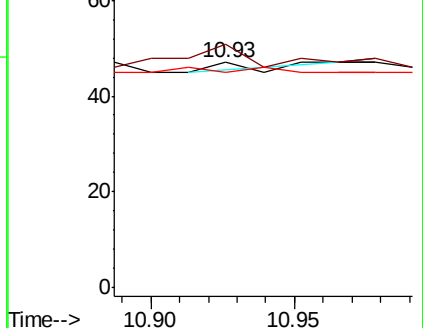
227 350.0 51.6 77.4#

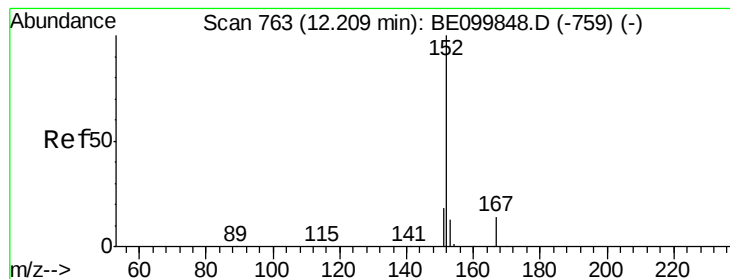


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.327 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

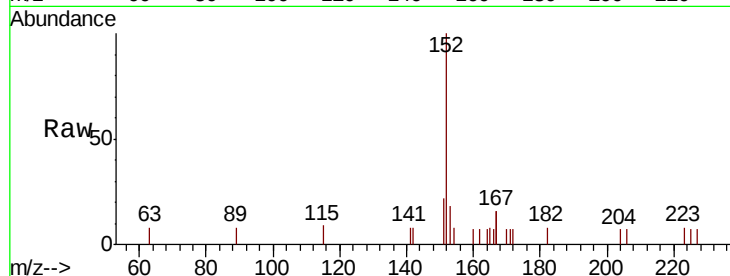
BPS1-TT-MW301S-20190605

Tgt Ion:152 Resp: 1458

Ion Ratio Lower Upper

152 100

151 19.5 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

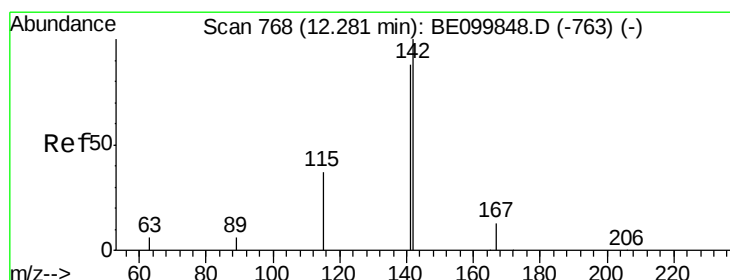
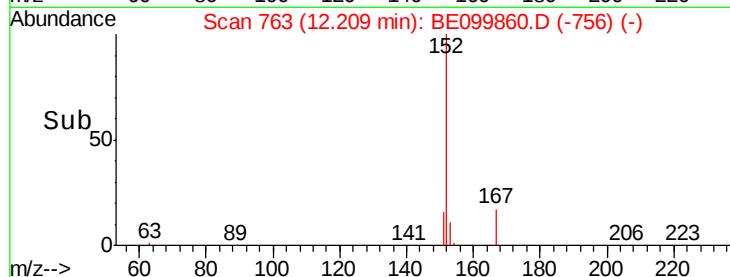
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.004 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

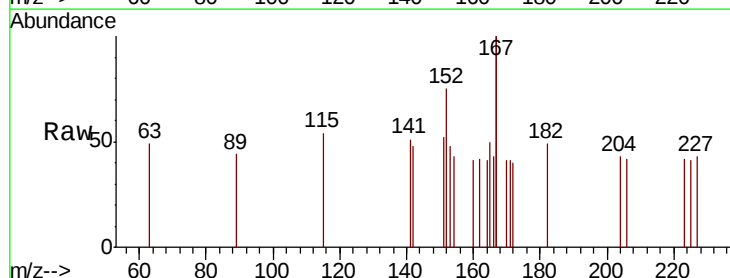
Tgt Ion:142 Resp: 17

Ion Ratio Lower Upper

142 100

141 107.7 73.3 109.9

115 113.5 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

80

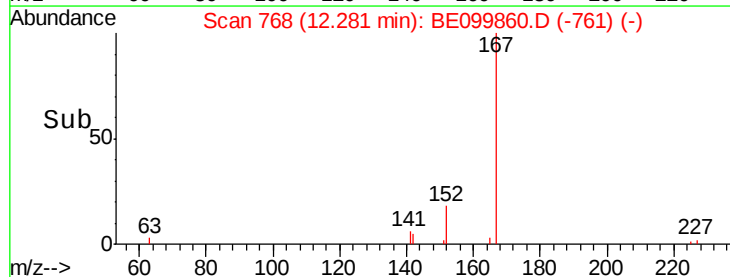
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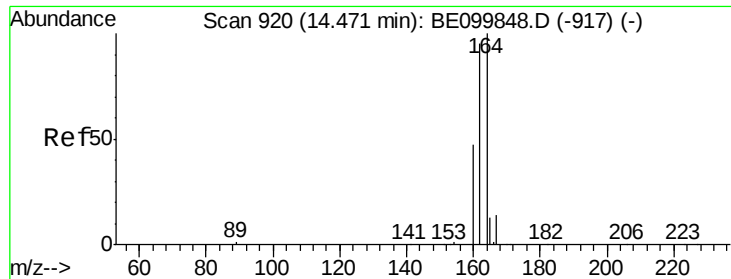
40

20

0

Time-->

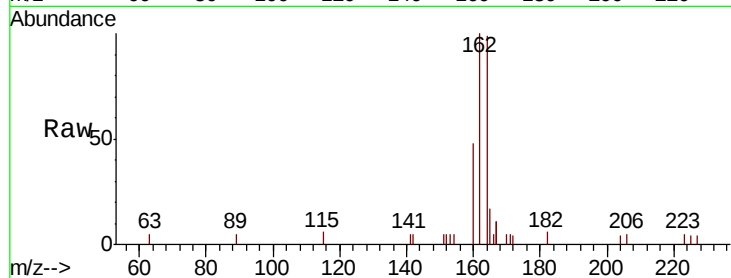




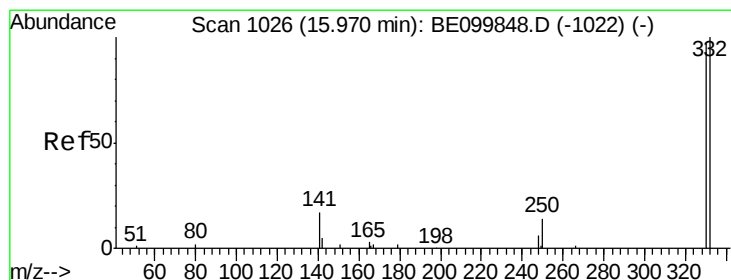
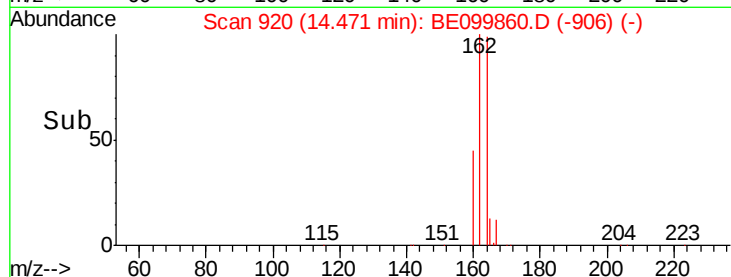
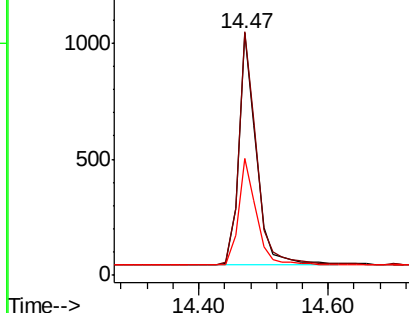
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:164 Resp: 1877
Ion Ratio Lower Upper
164 100
162 100.7 77.2 115.8
160 48.1 39.4 59.2

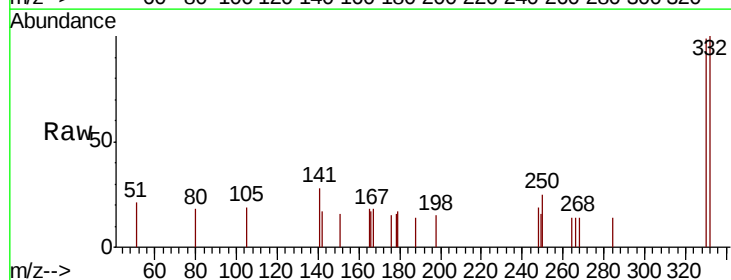


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

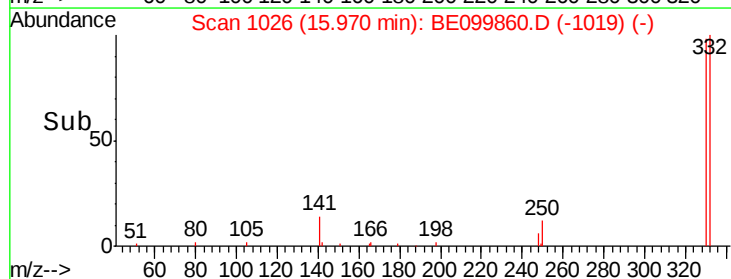
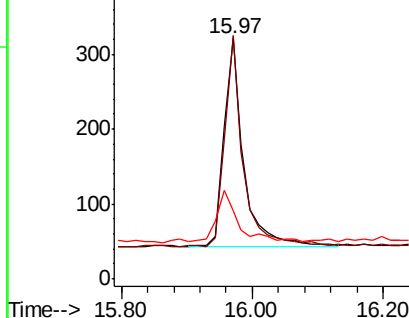


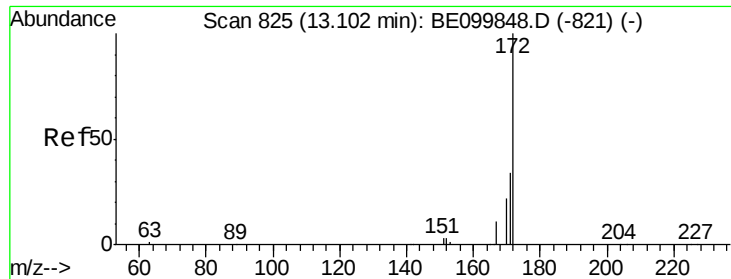
#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:330 Resp: 590
Ion Ratio Lower Upper
330 100
332 93.6 74.9 112.3
141 25.8 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

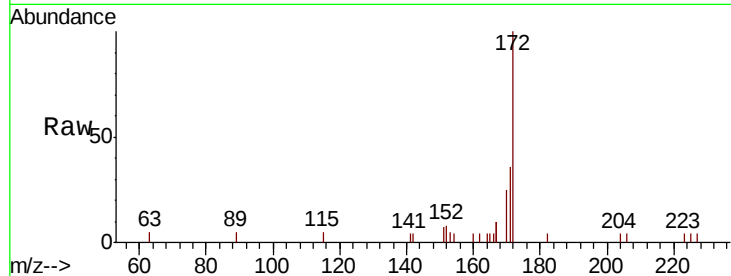




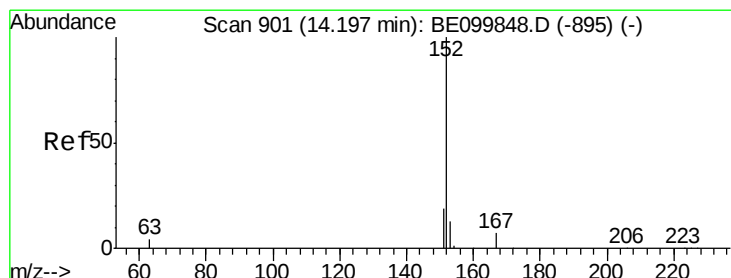
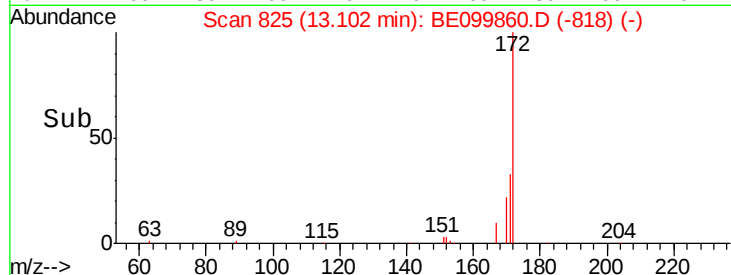
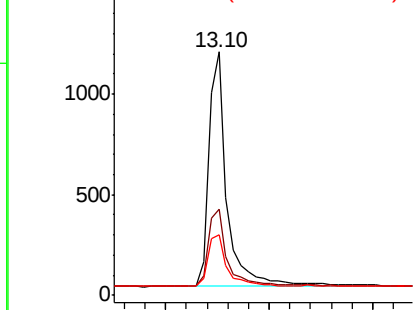
#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

Tgt Ion:172 Resp: 2863
Ion Ratio Lower Upper
172 100
171 35.6 30.2 45.4
170 25.1 20.1 30.1

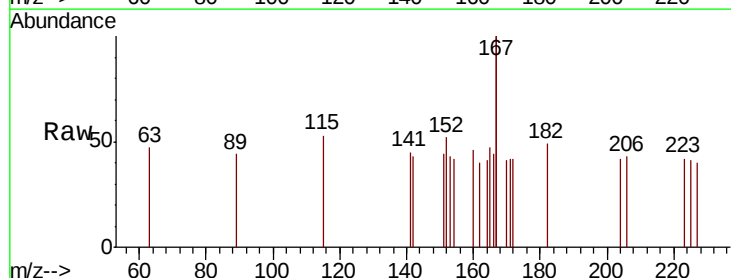


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

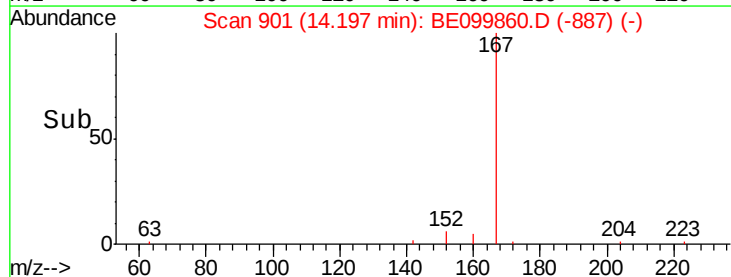
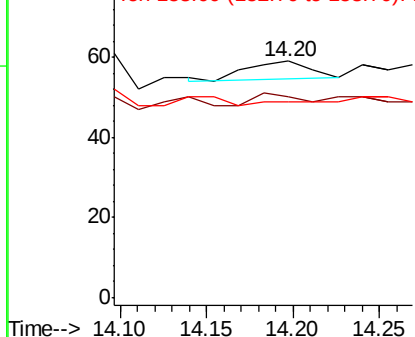


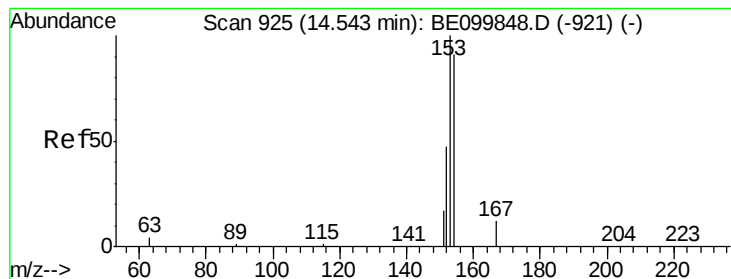
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:152 Resp: 11
Ion Ratio Lower Upper
152 100
151 45.5 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: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

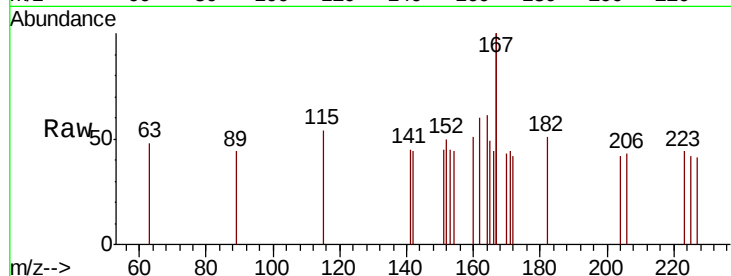
Tgt Ion:154 Resp: 4

Ion Ratio Lower Upper

154 100

153 0.0 93.8 140.6#

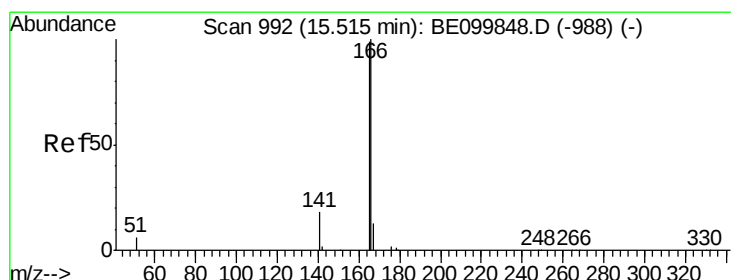
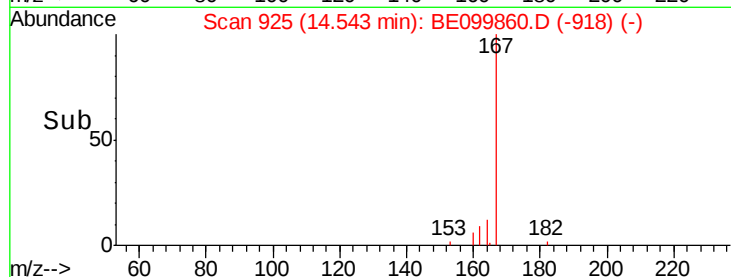
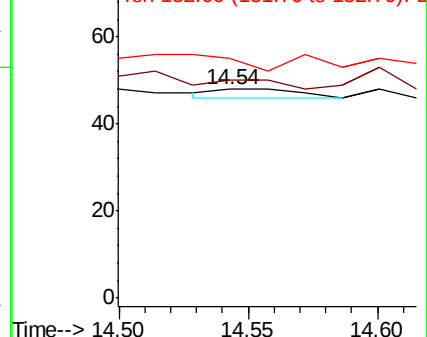
152 0.0 48.3 72.5#



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: 0.001 ng

RT: 15.51 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

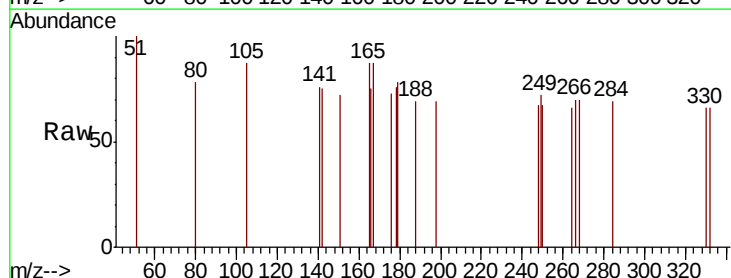
Tgt Ion:166 Resp: 8

Ion Ratio Lower Upper

166 100

165 112.5 80.4 120.6

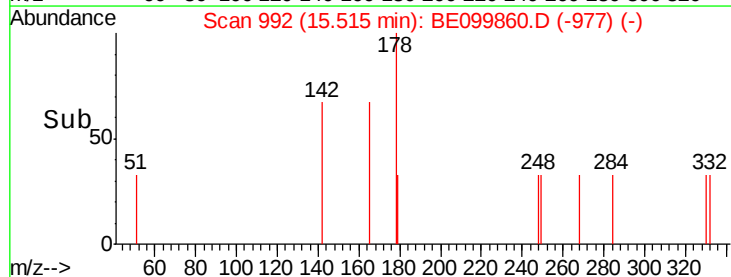
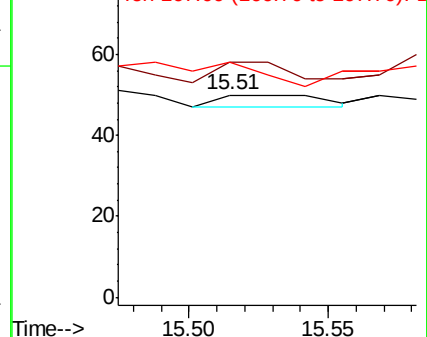
167 0.0 10.7 16.1#

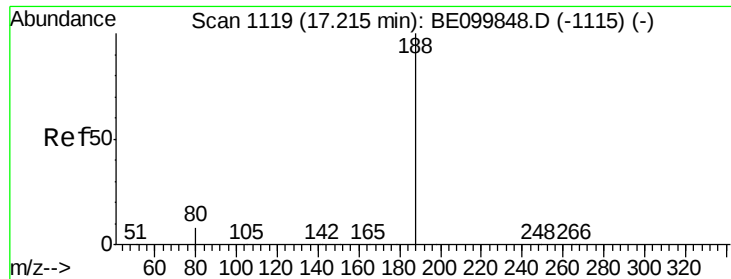


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099860.D

Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

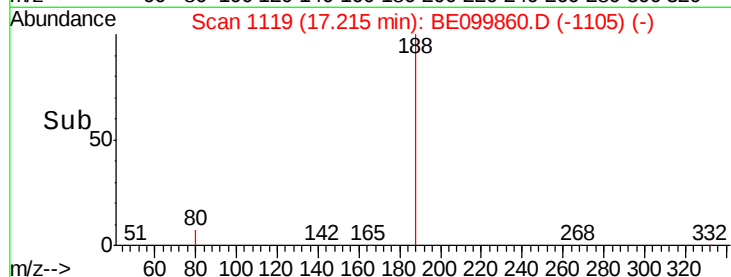
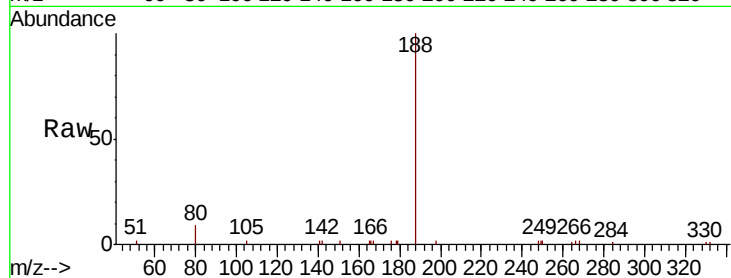
Tgt Ion:188 Resp: 6128

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

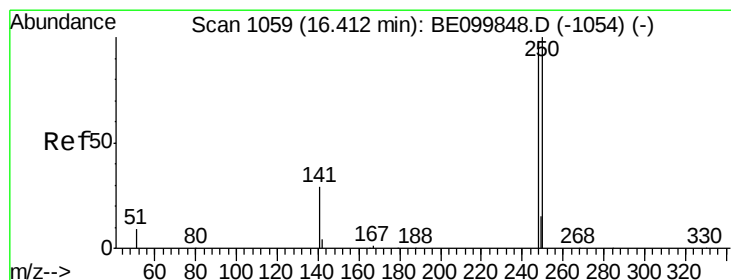
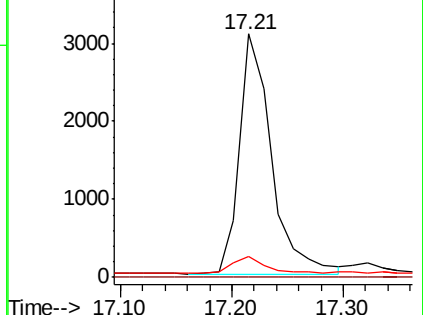
80 8.7 5.2 7.8#



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: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

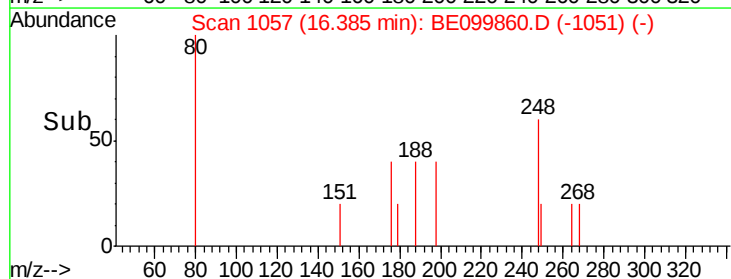
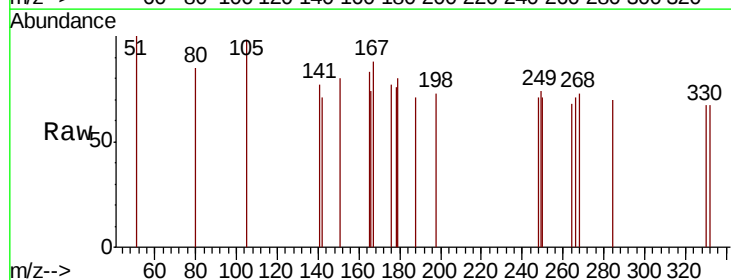
Tgt Ion:248 Resp: 2

Ion Ratio Lower Upper

248 100

250 100.0 73.7 110.5

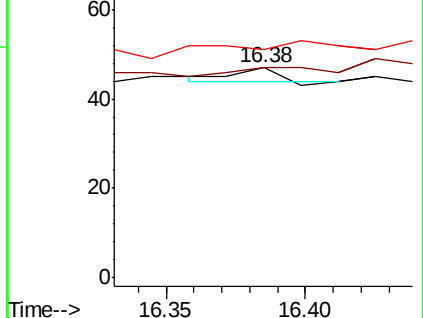
141 108.5 40.9 61.3#

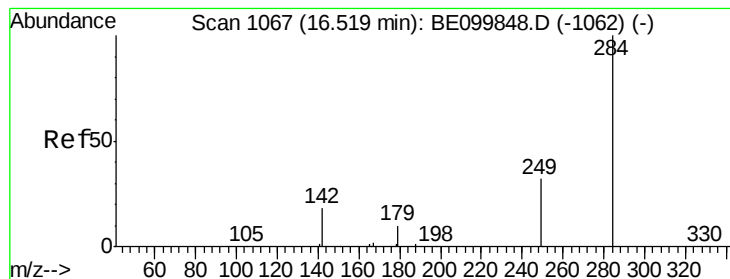


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

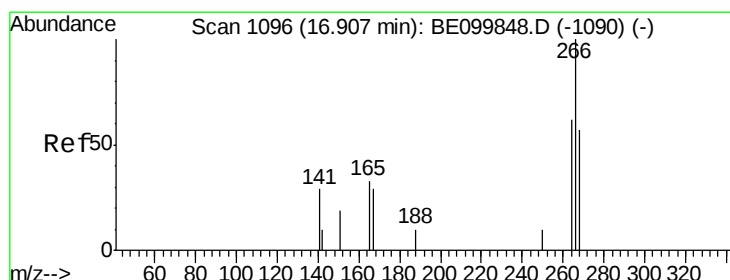
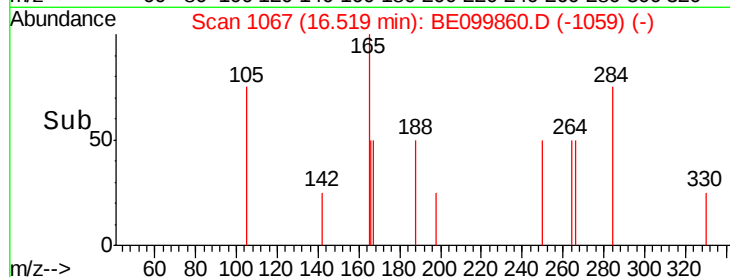
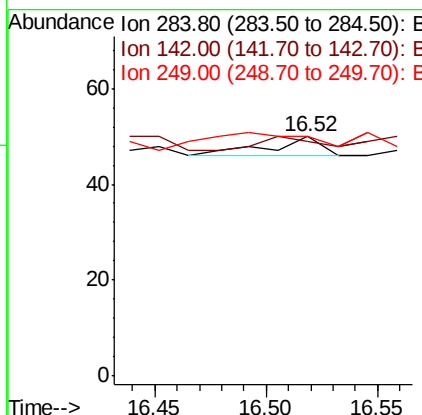
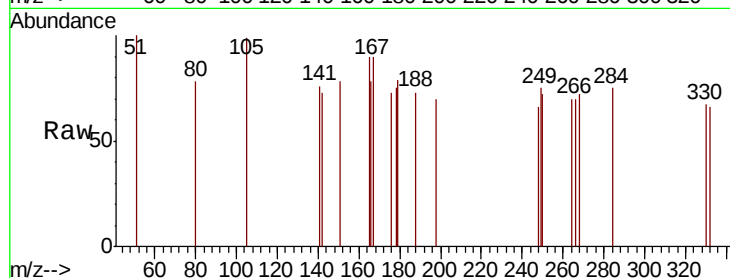
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

Tgt Ion:	284	Resp:	6
Ion	Ratio	Lower	Upper
284	100		
142	100.0	16.2	24.4#
249	0.0	23.1	34.7#



#22

Pentachlorophenol

Concen: 0.258 ng

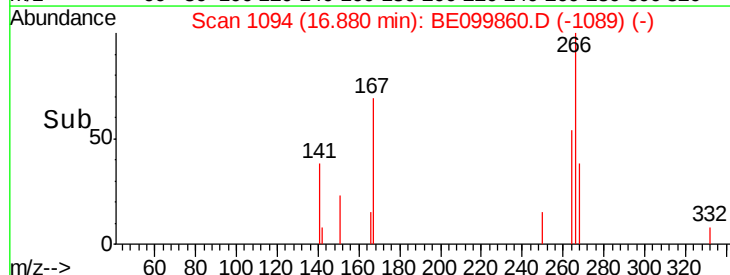
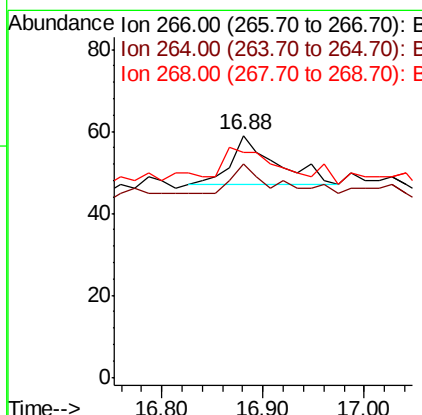
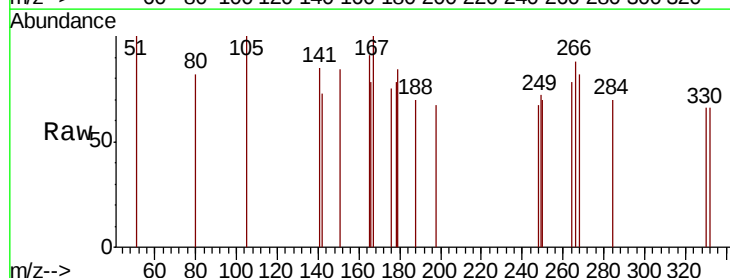
RT: 16.88 min Scan# 1094

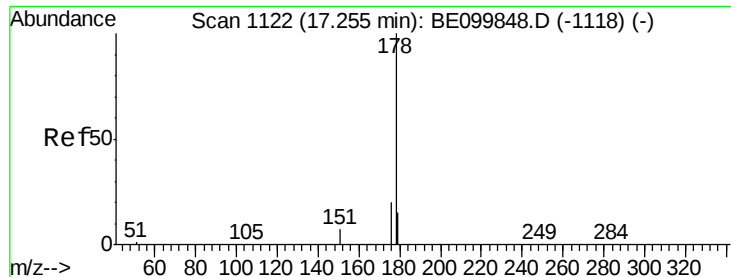
Delta R.T. -0.04 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

Tgt Ion:	266	Resp:	37
Ion	Ratio	Lower	Upper
266	100		
264	88.1	64.9	97.3
268	93.2	64.0	96.0

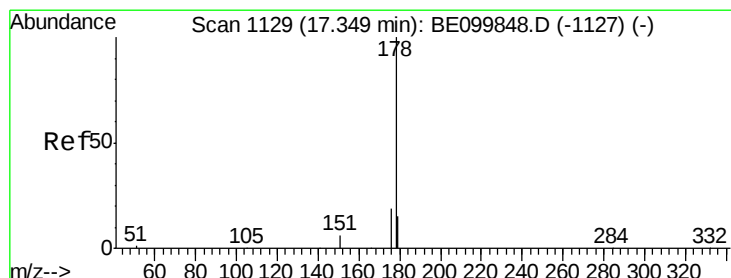
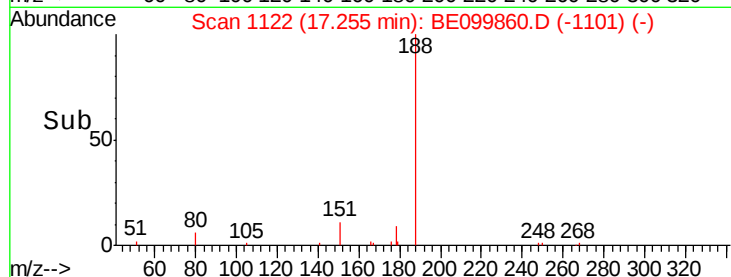
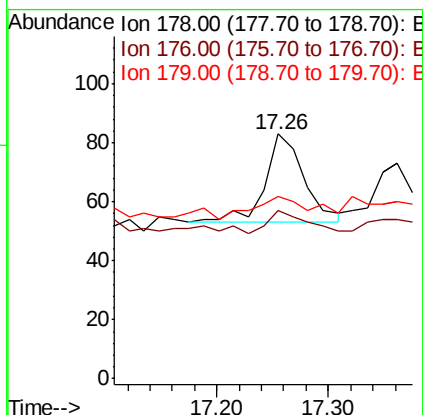
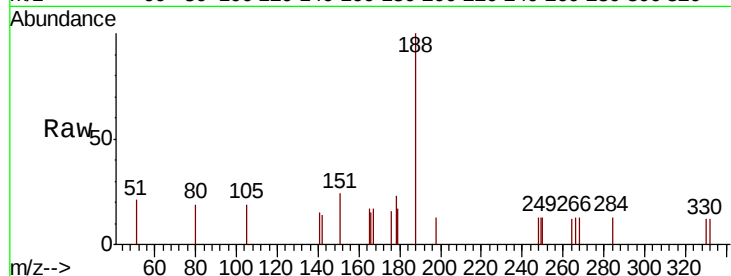




#23
Phenanthrene
Concen: 0.005 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

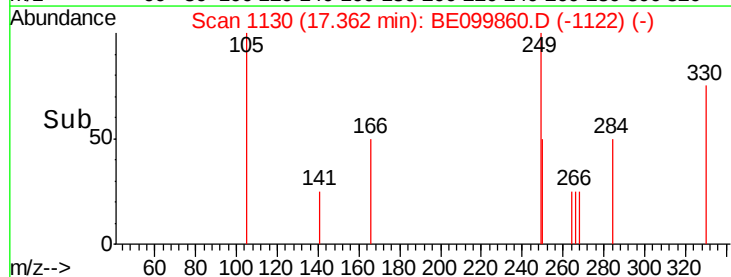
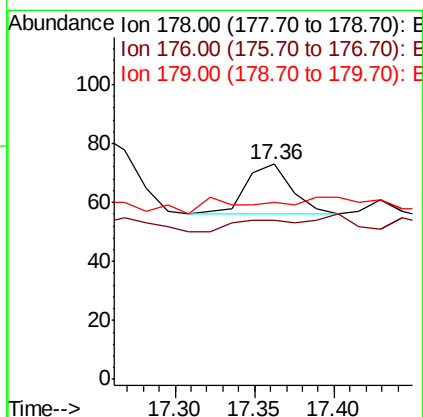
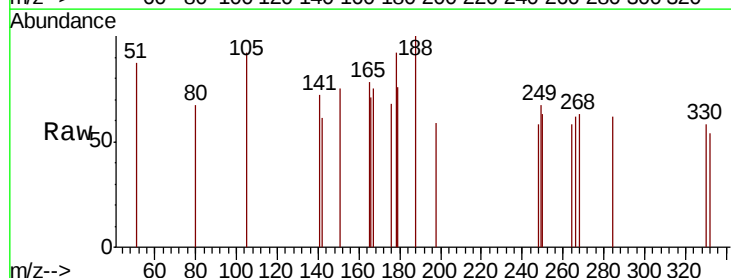
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

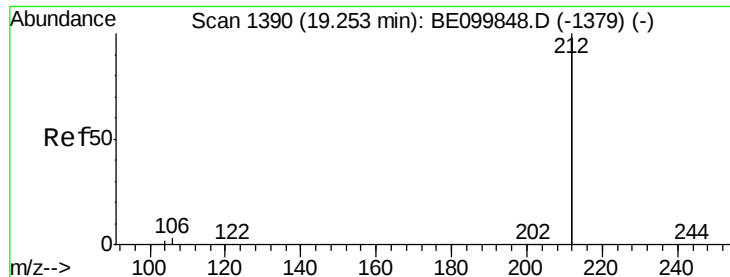
Tgt Ion:178 Resp: 75
Ion Ratio Lower Upper
178 100
176 26.7 15.4 23.0#
179 29.3 12.5 18.7#



#24
Anthracene
Concen: 0.002 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:178 Resp: 35
Ion Ratio Lower Upper
178 100
176 0.0 15.1 22.7#
179 0.0 12.1 18.1#





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

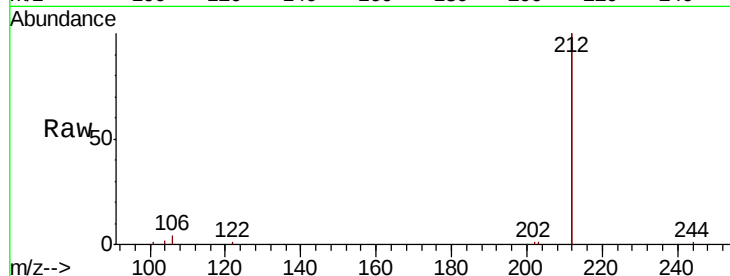
Tgt Ion:212 Resp: 34362

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

104 1.0 0.8 1.2

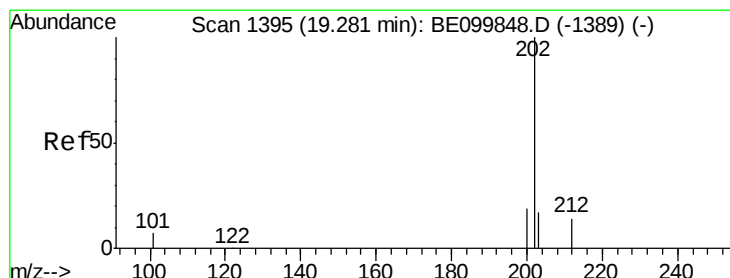
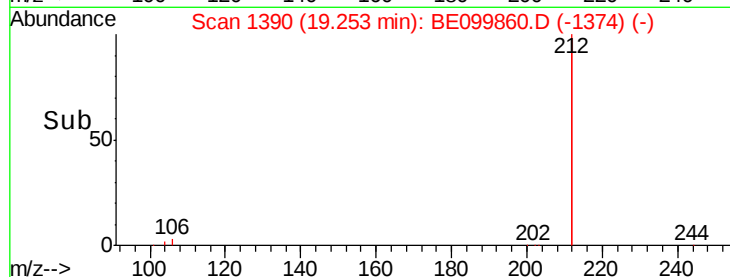
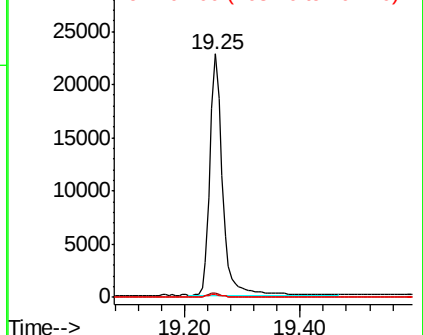


Abundance

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: 0.006 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

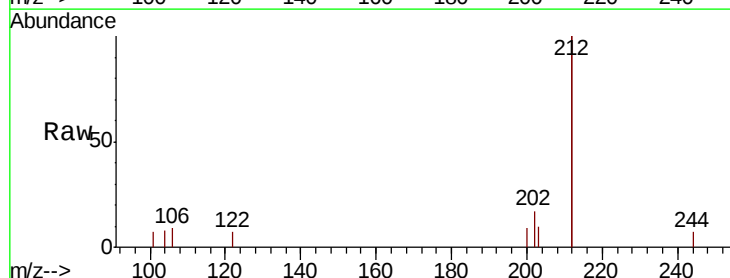
Tgt Ion:202 Resp: 152

Ion Ratio Lower Upper

202 100

101 6.6 5.2 7.8

203 28.9 13.6 20.4#

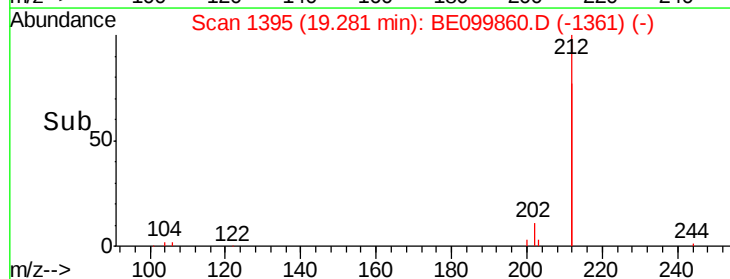
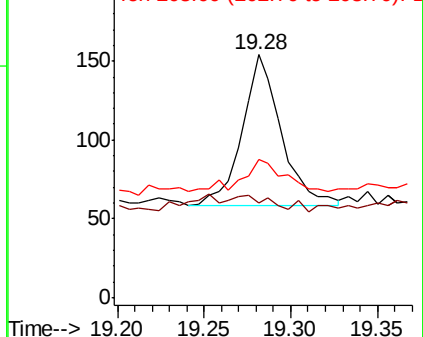


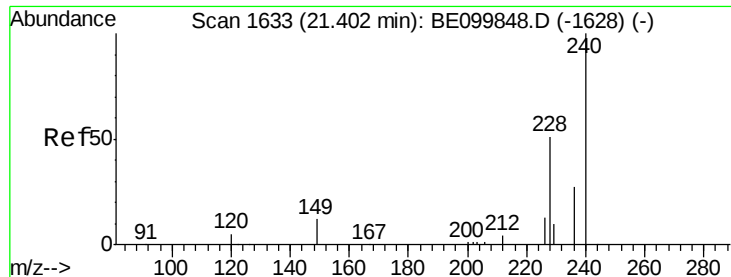
Abundance

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

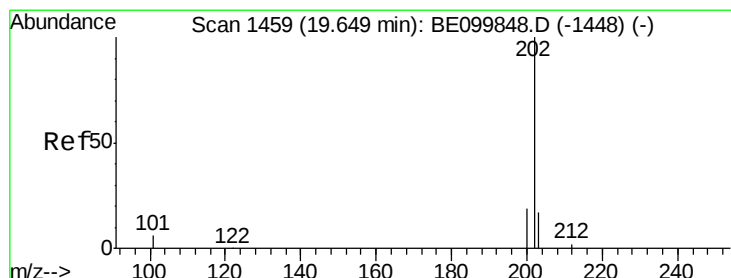
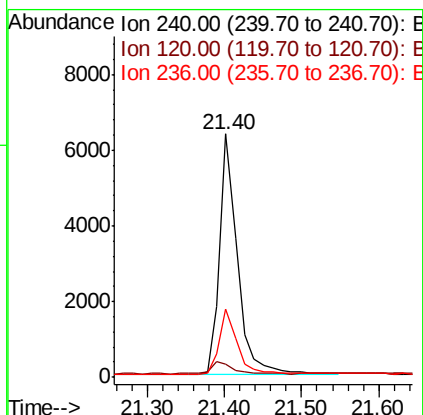
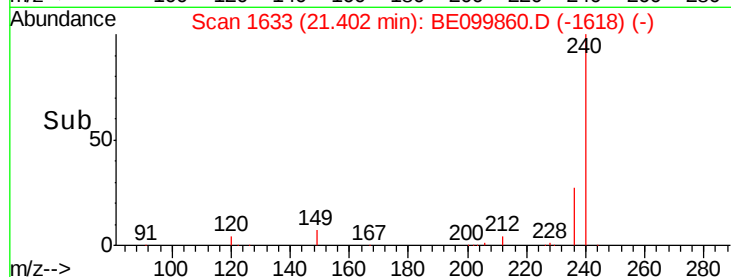
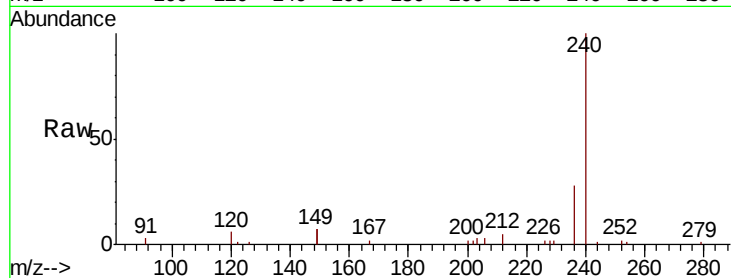




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

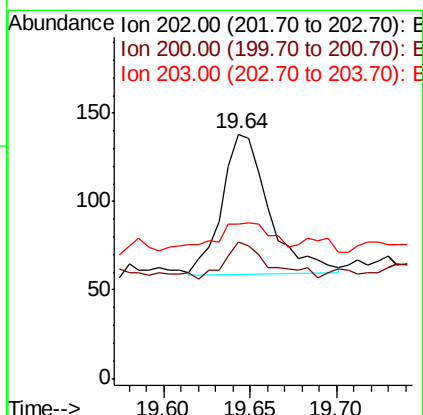
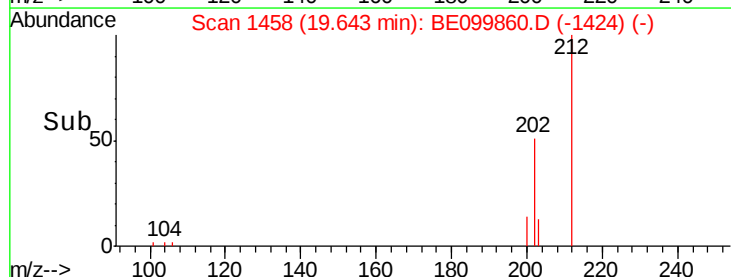
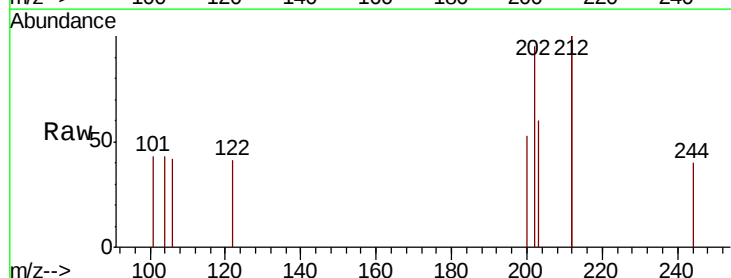
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301S-20190605

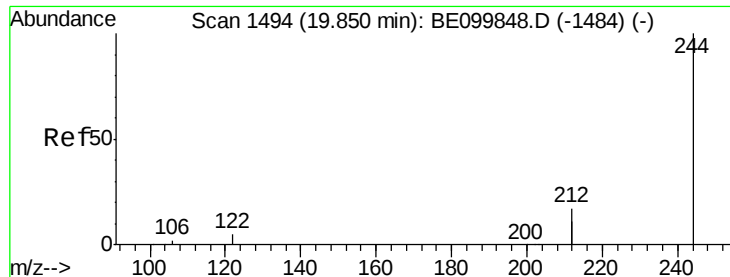
Tgt Ion:240 Resp: 10185
Ion Ratio Lower Upper
240 100
120 5.6 2.8 4.2#
236 28.2 20.9 31.3



#28
Pyrene
Concen: 0.006 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099860.D
Acq: 7 Jun 2019 19:40

Tgt Ion:202 Resp: 151
Ion Ratio Lower Upper
202 100
200 25.2 15.6 23.4#
203 25.8 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.441 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

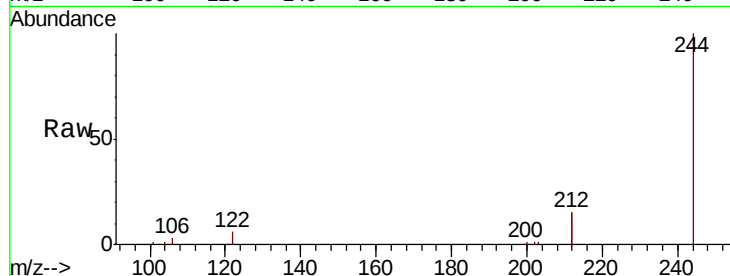
Tgt Ion:244 Resp: 8374

Ion Ratio Lower Upper

244 100

212 29.4 23.7 35.5

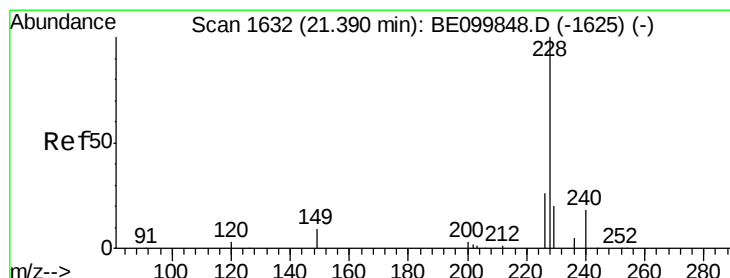
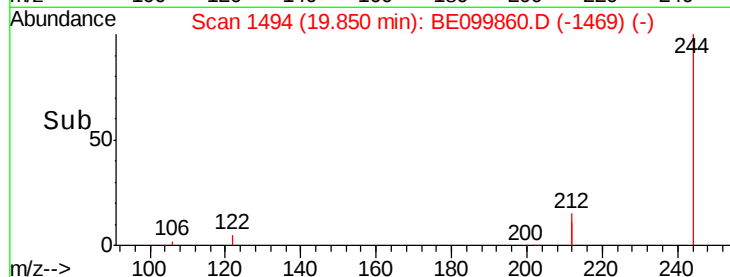
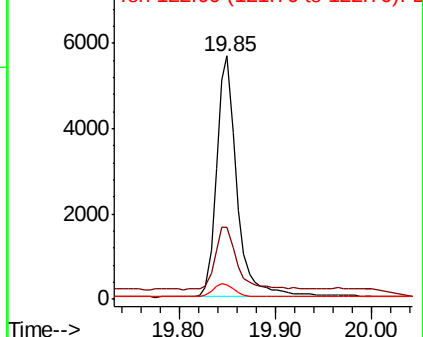
122 5.9 4.8 7.2



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: 0.004 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

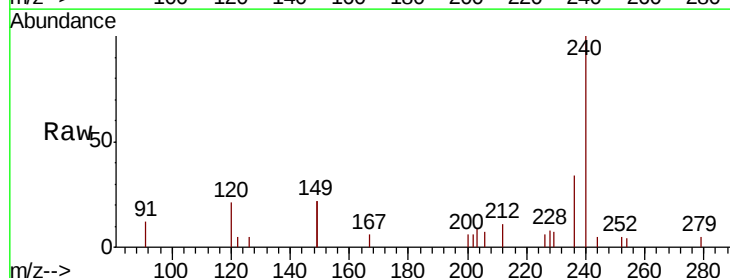
Tgt Ion:228 Resp: 142

Ion Ratio Lower Upper

228 100

226 71.1 21.6 32.4#

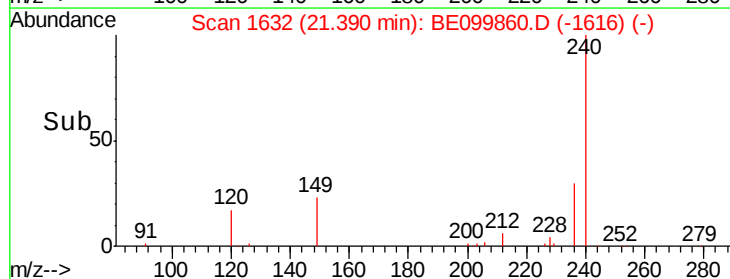
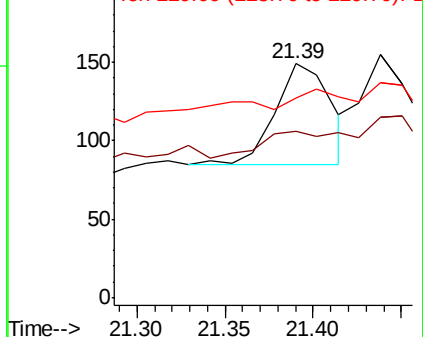
229 85.2 15.8 23.6#

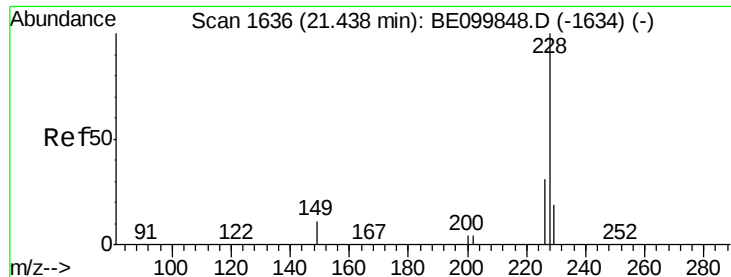


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.004 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

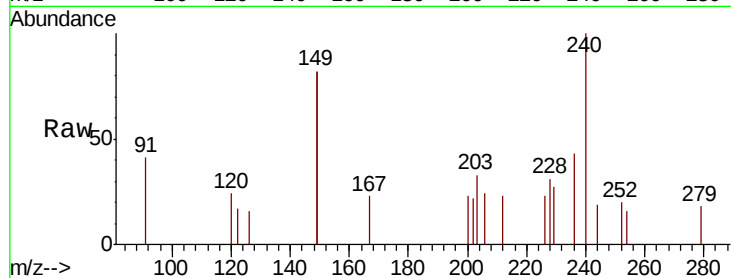
Tgt Ion:228 Resp: 134

Ion Ratio Lower Upper

228 100

226 74.2 22.9 34.3#

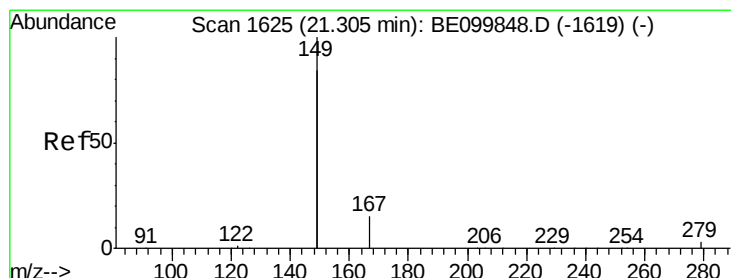
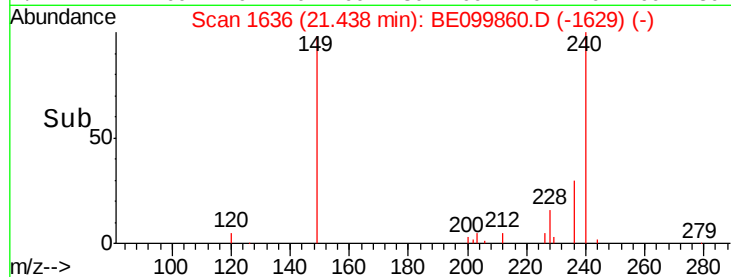
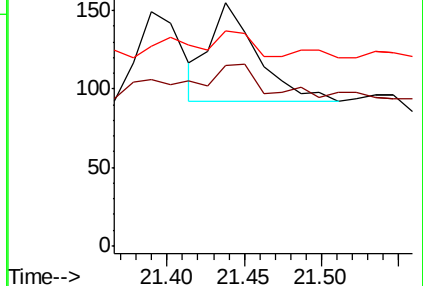
229 88.4 16.4 24.6#



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: 0.048 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

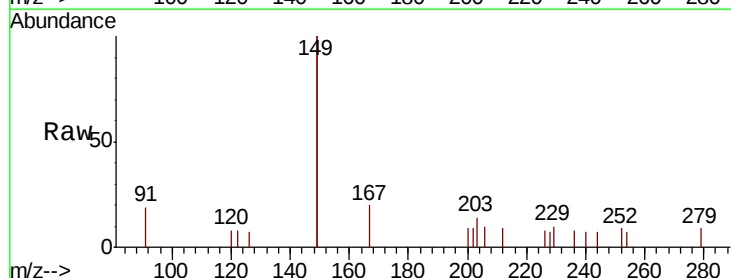
Tgt Ion:149 Resp: 2529

Ion Ratio Lower Upper

149 100

167 9.7 6.0 9.0#

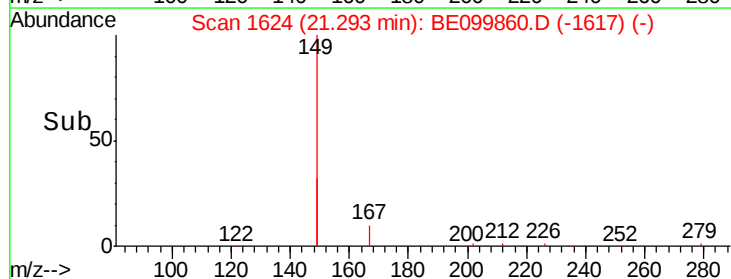
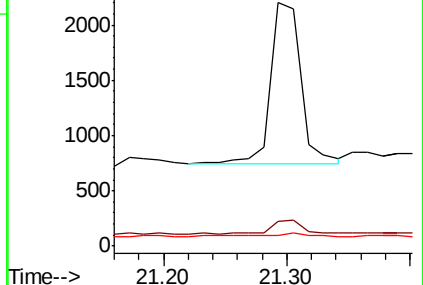
279 2.1 1.2 1.8#

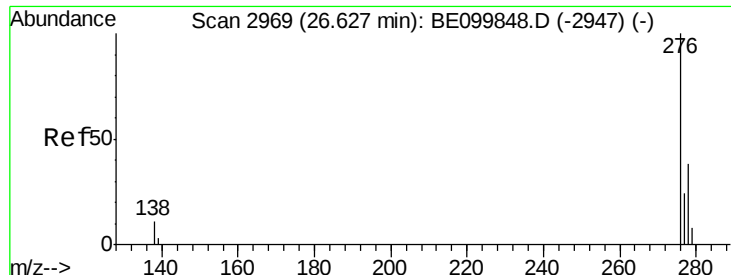


Abundance Ion 149.00 (148.70 to 149.70): E

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: 26.62 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BE099860.D

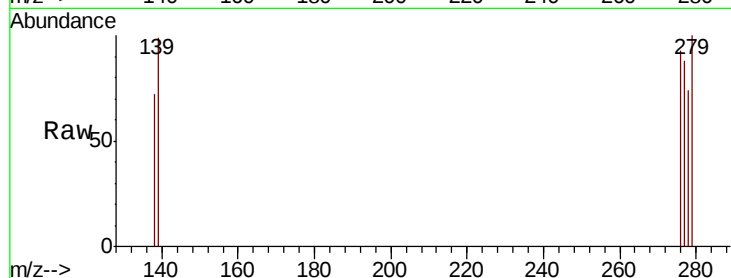
Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605



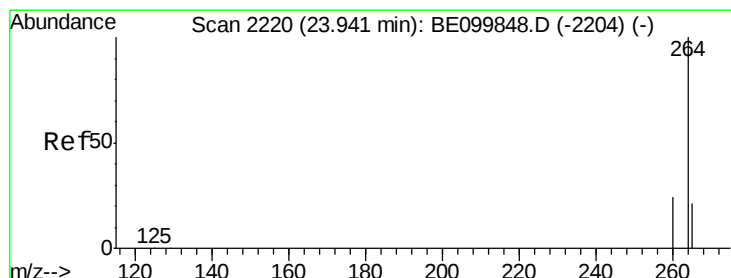
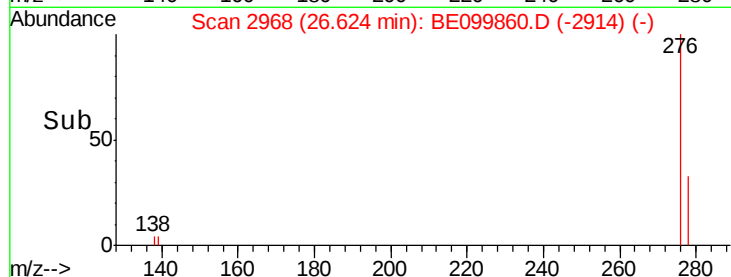
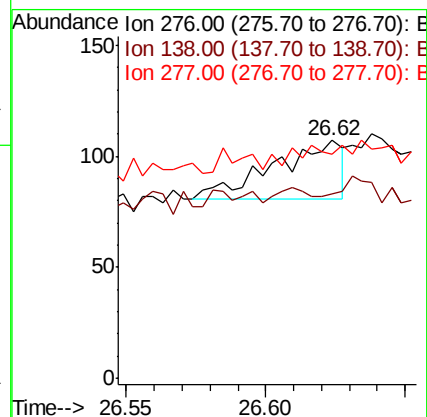
Tgt Ion:276 Resp: 45

Ion Ratio Lower Upper

276 100

138 17.8 10.3 15.5#

277 24.4 19.4 29.2



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

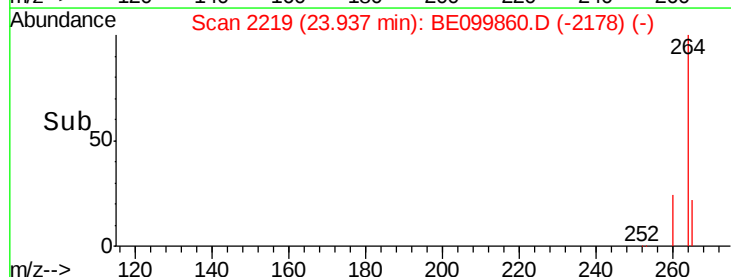
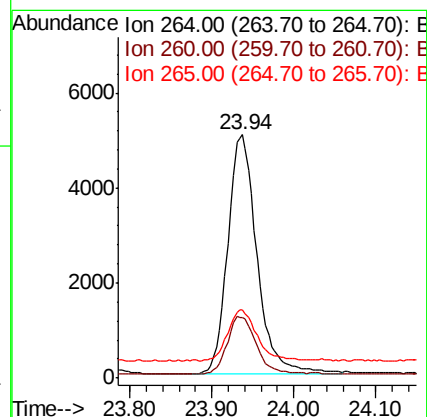
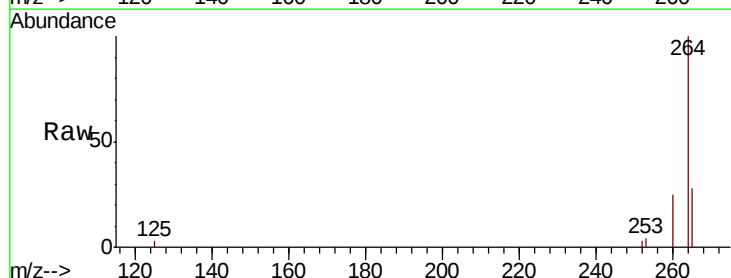
Tgt Ion:264 Resp: 12467

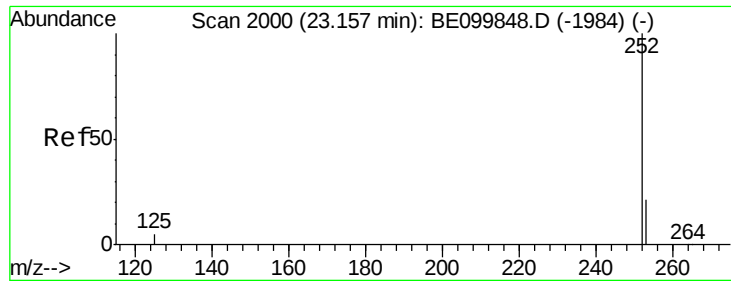
Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 28.3 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605

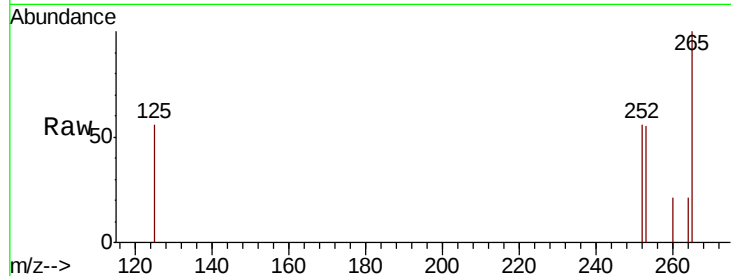
Tgt Ion: 252 Resp: 172

Ion Ratio Lower Upper

252 100

253 98.5 18.9 28.3#

125 101.5 7.6 11.4#

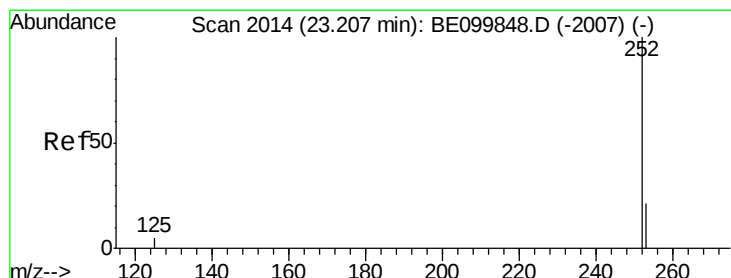
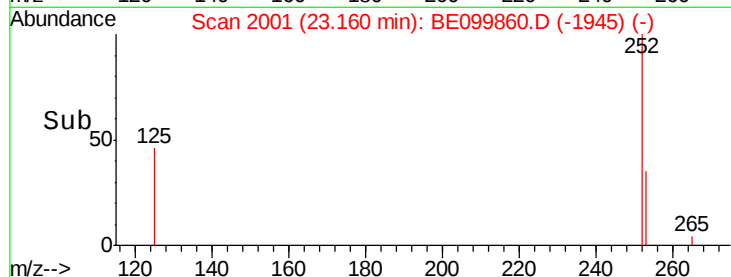
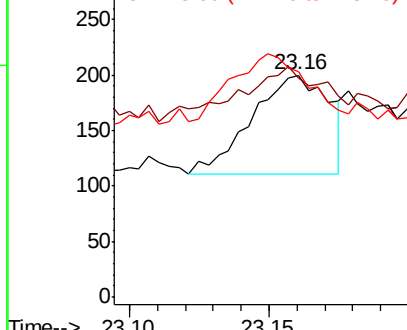


Abundance

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: 0.005 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.05 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

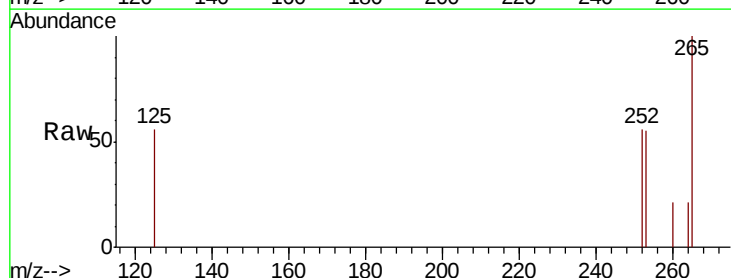
Tgt Ion: 252 Resp: 172

Ion Ratio Lower Upper

252 100

253 98.5 18.4 27.6#

125 101.5 4.6 7.0#

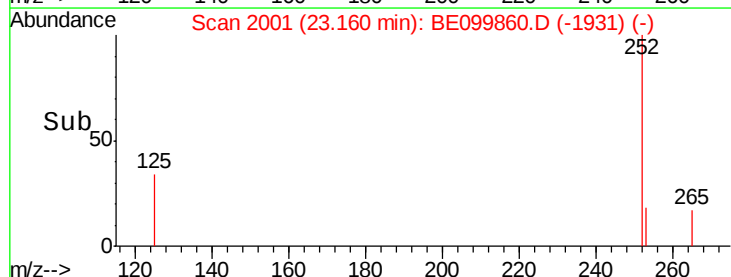
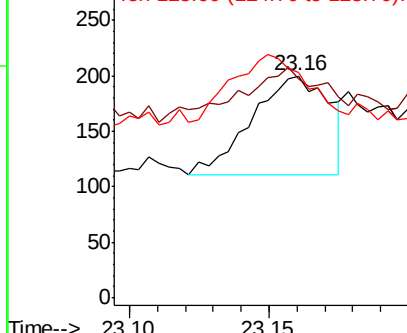


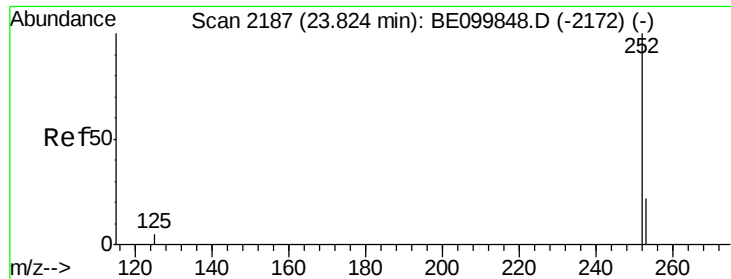
Abundance

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: 0.002 ng

RT: 23.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BE099860.D

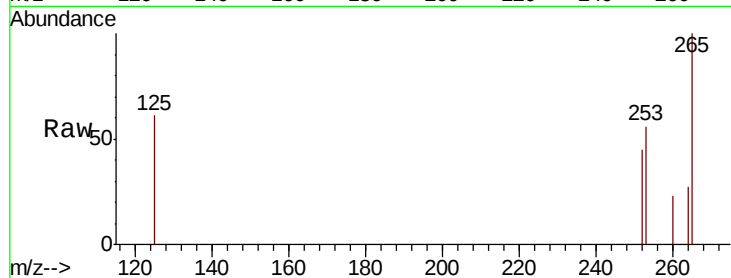
Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605



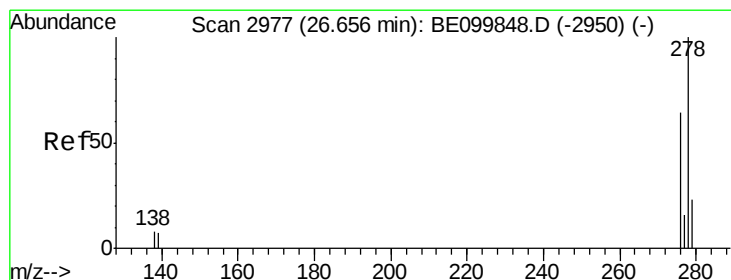
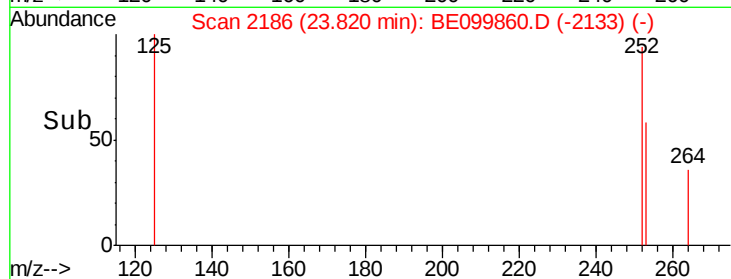
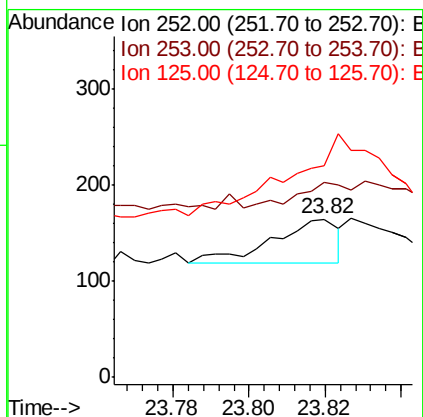
Tgt Ion: 252 Resp: 57

Ion Ratio Lower Upper

252 100

253 123.2 19.3 28.9#

125 134.1 10.2 15.4#



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.65 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BE099860.D

Acq: 7 Jun 2019 19:40

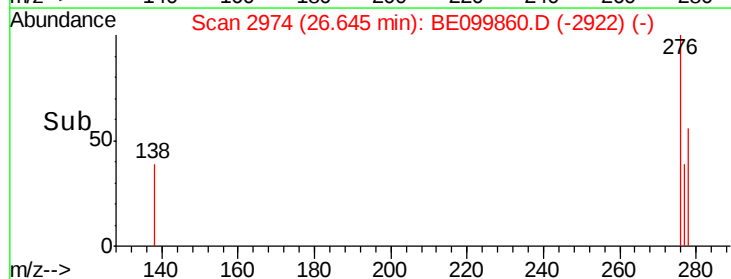
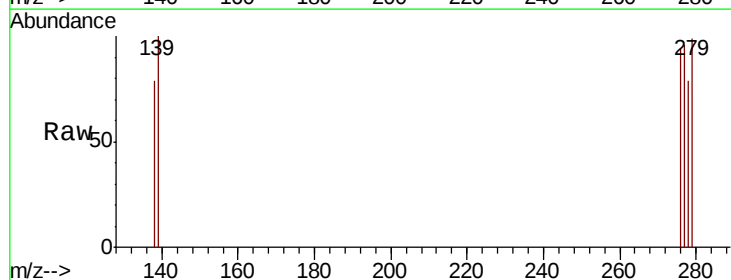
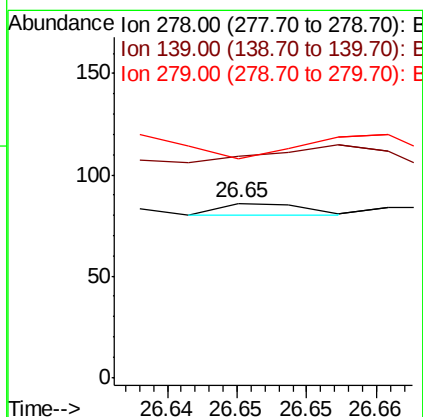
Tgt Ion: 278 Resp: 3

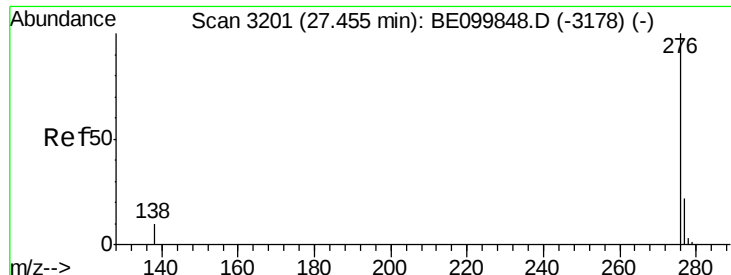
Ion Ratio Lower Upper

278 100

139 126.7 7.9 11.9#

279 125.6 18.5 27.7#





#39

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 27.44 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BE099860.D

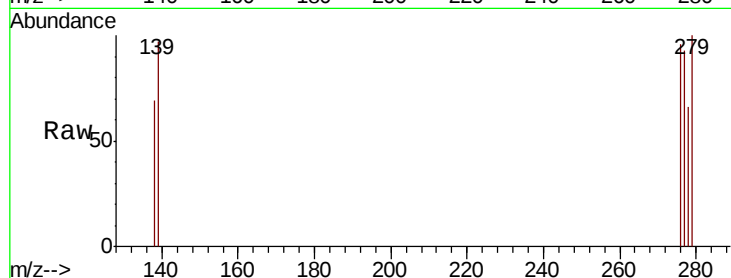
Acq: 7 Jun 2019 19:40

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301S-20190605



Tgt Ion: 276 Resp: 25

Ion Ratio Lower Upper

276 100

277 96.3 19.6 29.4#

138 71.6 9.0 13.4#

