

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099859.D
 Acq On : 7 Jun 2019 19:05
 Operator : JU/SJ
 Sample : K3221-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW301I-20190605

Quant Time: Jun 08 04:32:29 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	846	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2884	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2156	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6668	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10635	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12566	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	382	0.13	ng	0.00
5) Phenol-d6	6.98	99	283	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	945	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1724	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	701	0.33	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2892	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	37140	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	8357	0.42	ng	-0.01

Target Compounds

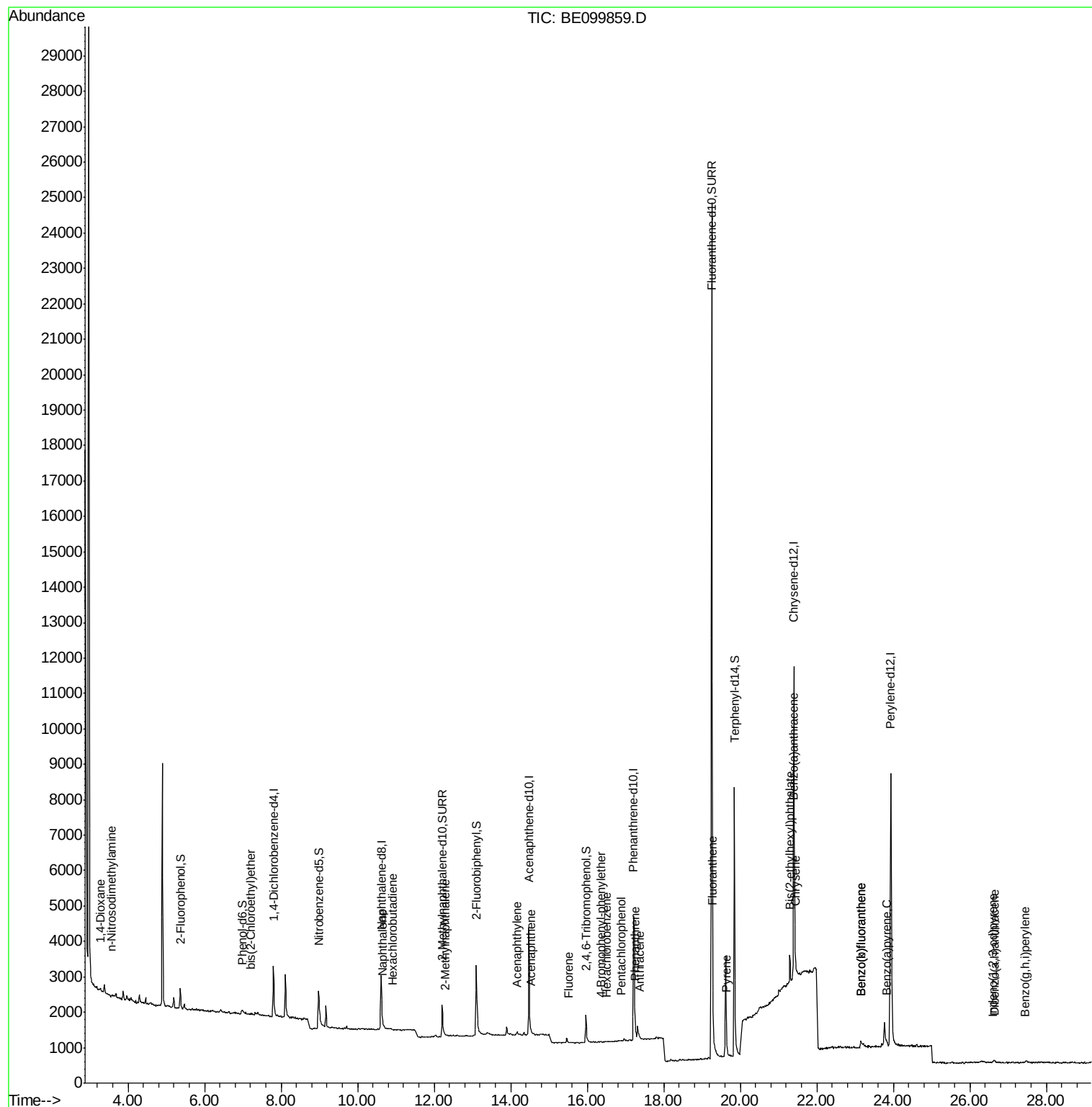
						Qvalue
2) 1,4-Dioxane	3.28	88	81	0.049	ng	# 68
3) n-Nitrosodimethylamine	3.56	42	26	0.032	ng	# 16
6) bis(2-Chloroethyl)ether	7.20	93	8	0.003	ng	# 43
9) Naphthalene	10.65	128	65	0.002	ng	# 46
10) Hexachlorobutadiene	10.91	225	7	0.003	ng	# 19
12) 2-Methylnaphthalene	12.28	142	10	0.002	ng	# 57
16) Acenaphthylene	14.17	152	16	0.001	ng	# 61
17) Acenaphthene	14.53	154	15	0.003	ng	# 31
18) Fluorene	15.51	166	13	0.001	ng	# 8
20) 4-Bromophenyl-phenylether	16.37	248	6	0.002	ng	# 64
21) Hexachlorobenzene	16.50	284	8	0.002	ng	# 59
22) Pentachlorophenol	16.88	266	33	0.253	ng	# 84
23) Phenanthrene	17.25	178	93	0.006	ng	# 59
24) Anthracene	17.36	178	46	0.003	ng	# 55
26) Fluoranthene	19.28	202	197	0.007	ng	# 93
28) Pyrene	19.64	202	200	0.007	ng	# 72
30) Benzo(a)anthracene	21.39	228	228	0.007	ng	# 1
31) Chrysene	21.44	228	164	0.005	ng	# 11
32) Bis(2-ethylhexyl)phthalate	21.29	149	1121	0.020	ng	# 90
33) Indeno(1,2,3-cd)pyrene	26.60	276	21	0.001	ng	# 76
35) Benzo(b)fluoranthene	23.16	252	290	0.008	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	290	0.008	ng	# 1
37) Benzo(a)pyrene	23.82	252	155	0.005	ng	# 1
38) Dibenzo(a,h)anthracene	26.64	278	4	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.44	276	60	0.002	ng	# 1

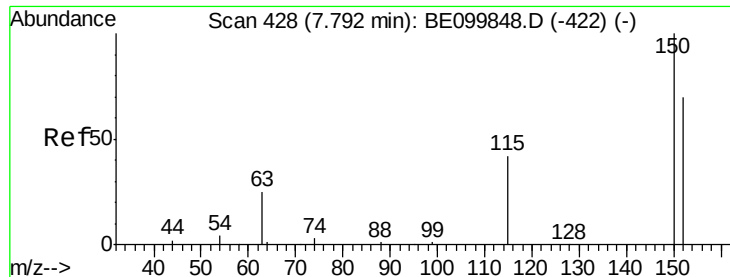
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

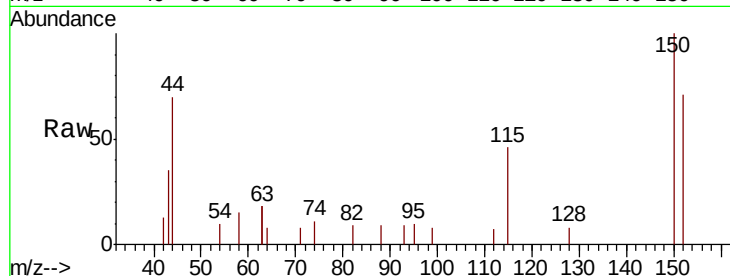
Tgt Ion: 152 Resp: 846

Ion Ratio Lower Upper

152 100

150 140.4 112.8 169.2

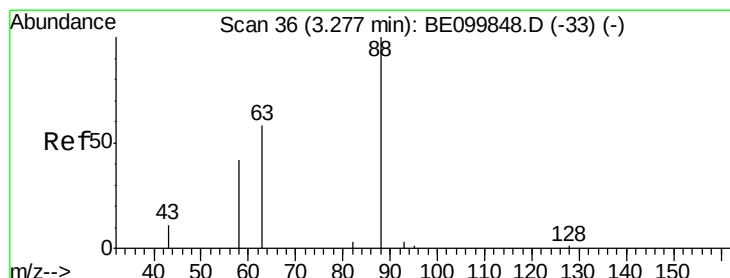
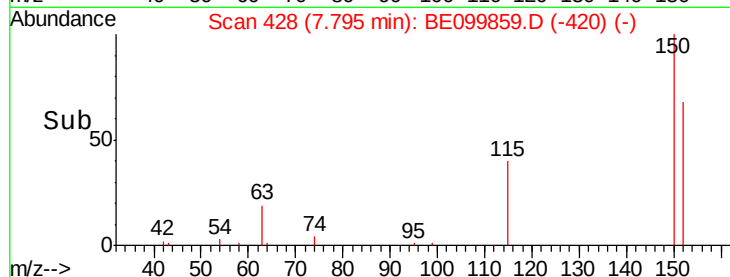
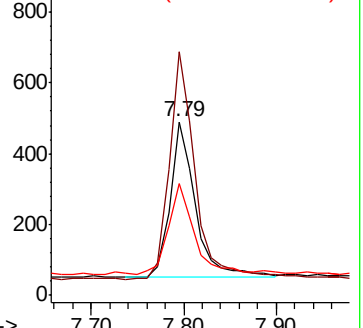
115 64.5 47.6 71.4



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: 0.049 ng

RT: 3.28 min Scan# 36

Delta R.T. 0.00 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

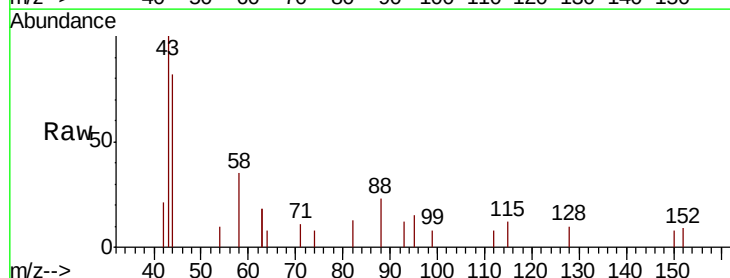
Tgt Ion: 88 Resp: 81

Ion Ratio Lower Upper

88 100

58 39.5 47.3 70.9#

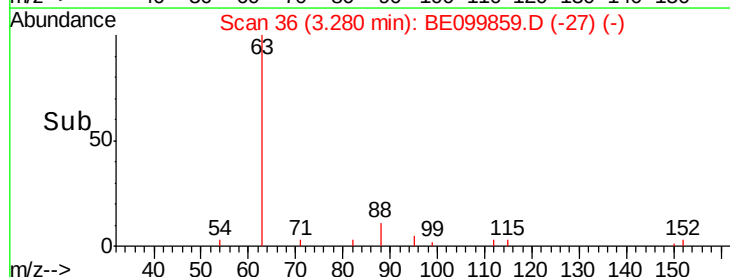
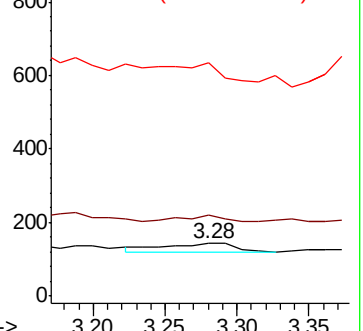
43 0.0 18.2 27.4#

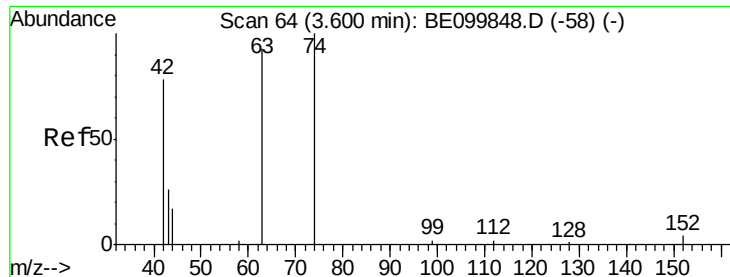


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.56 min Scan# 60

Delta R.T. -0.06 min

Lab File: BE099859.D

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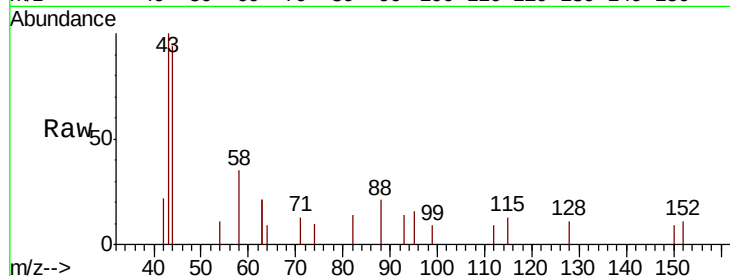
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

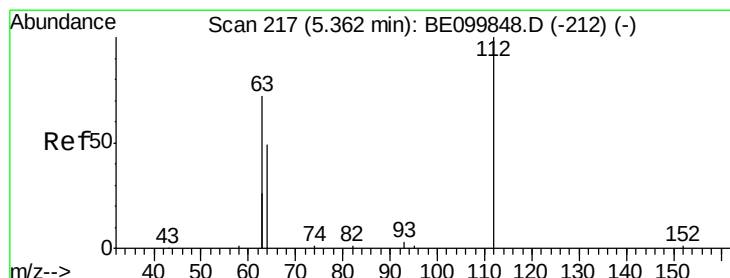
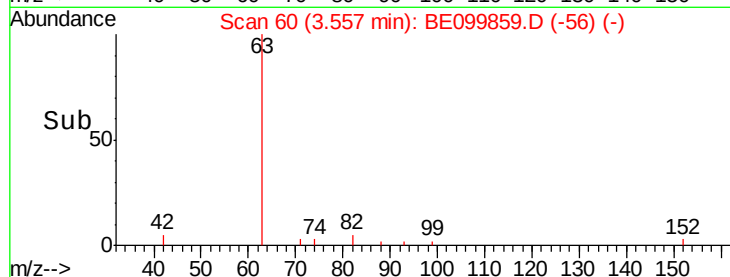
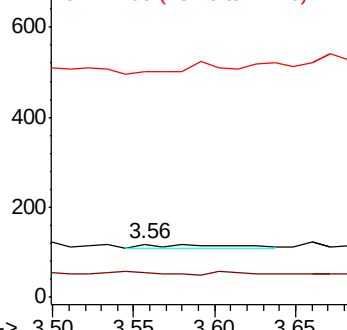
42 100

74 46.2 132.6 198.8#

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: 0.135 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

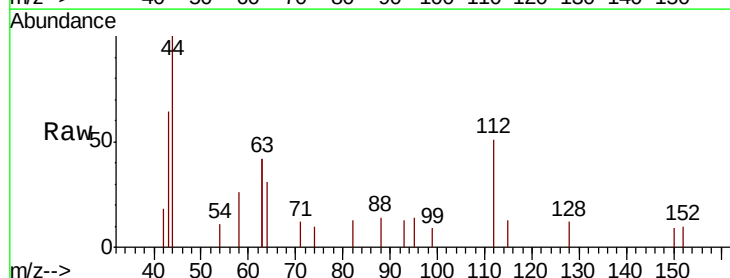
Tgt Ion: 112 Resp: 382

Ion Ratio Lower Upper

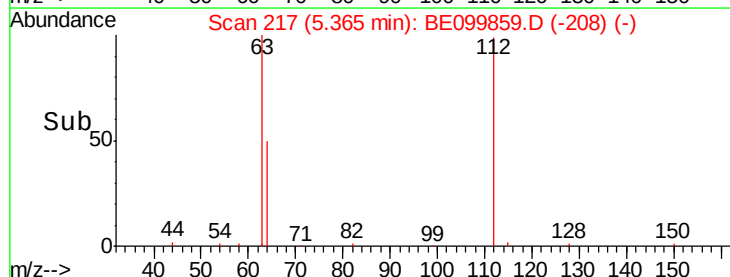
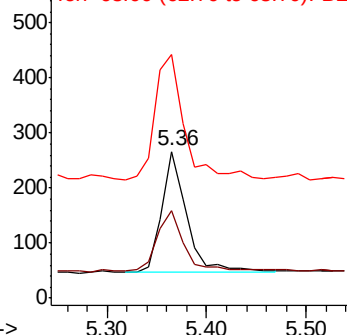
112 100

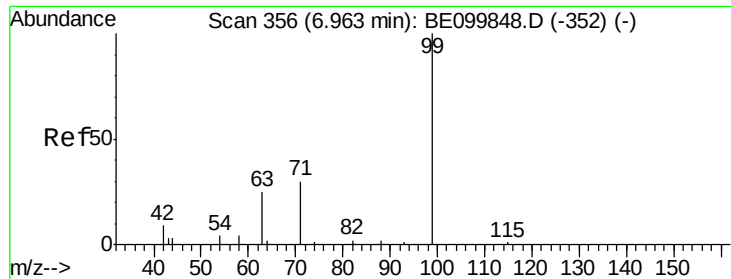
64 58.9 47.2 70.8

63 123.0 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





#5

Phenol-d6

Concen: 0.081 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

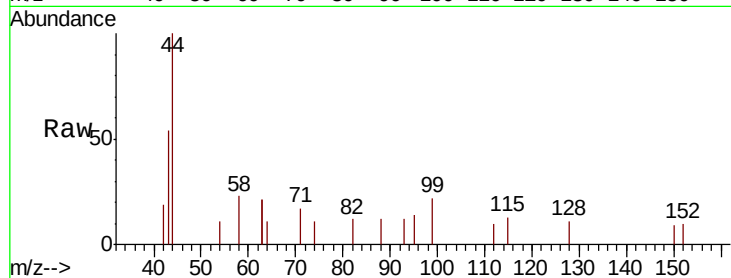
Tgt Ion: 99 Resp: 283

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

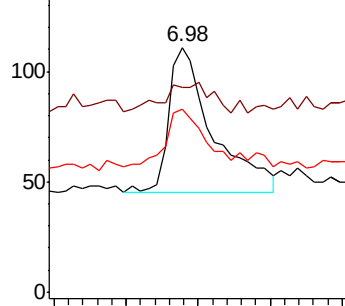
71 33.6 26.1 39.1



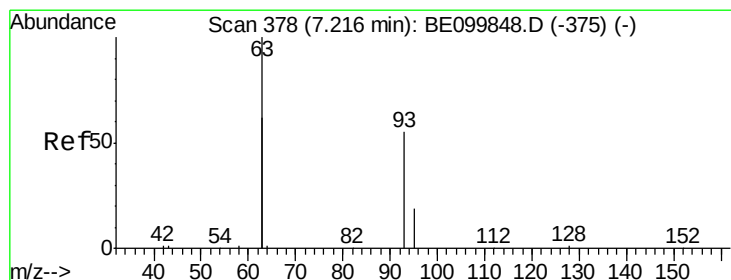
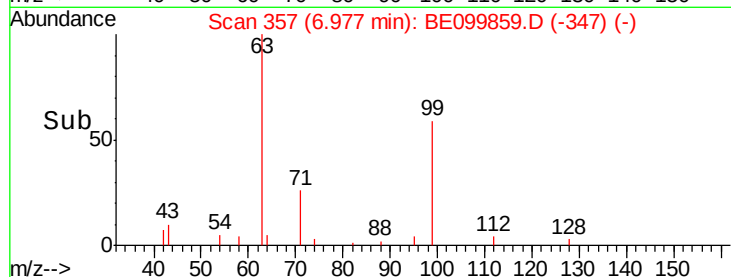
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.80 6.90 7.00 7.10



#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.20 min Scan# 376

Delta R.T. -0.03 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

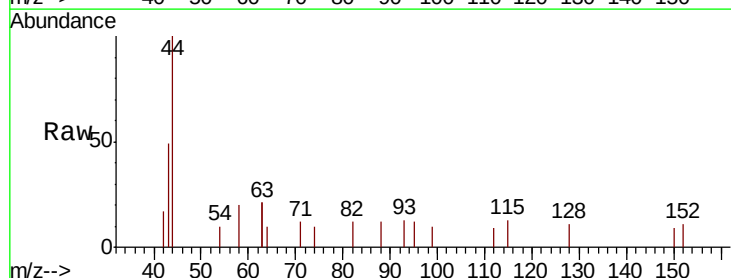
Tgt Ion: 93 Resp: 8

Ion Ratio Lower Upper

93 100

63 362.5 208.8 313.2#

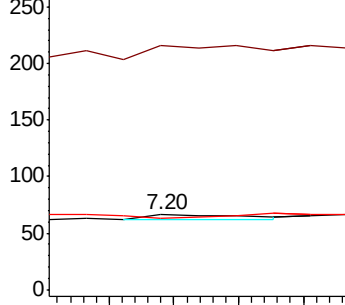
95 0.0 27.6 41.4#



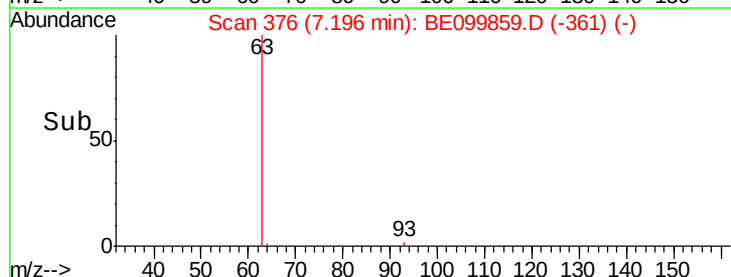
Abundance Ion 93.00 (92.70 to 93.70): BE0

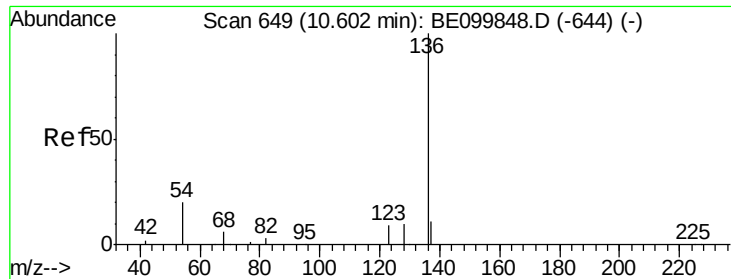
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.18 7.20 7.22 7.24





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

Tgt Ion: 136 Resp: 2884

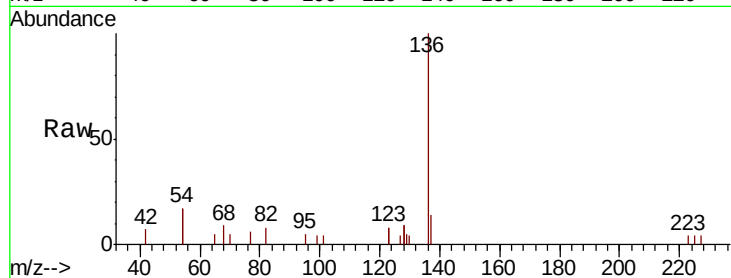
Ion Ratio Lower Upper

136 100

137 14.4 11.1 16.7

54 33.7 17.9 26.9#

68 8.6 5.4 8.0#

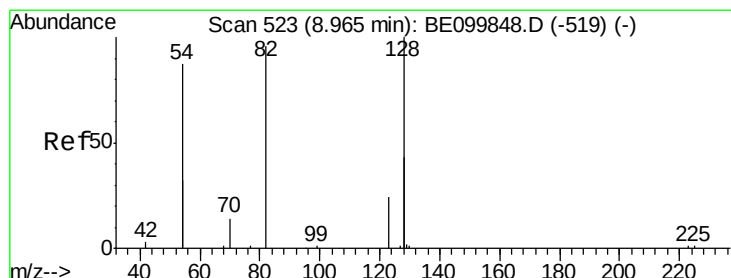
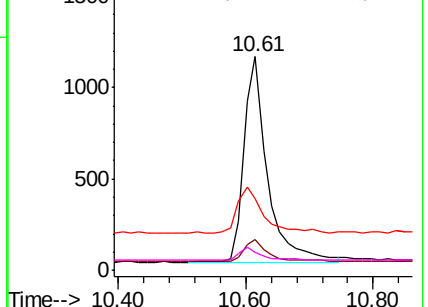
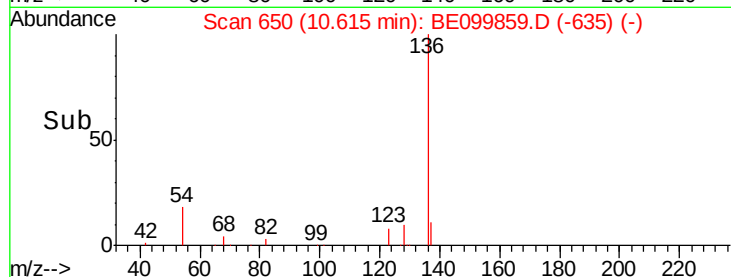


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.325 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

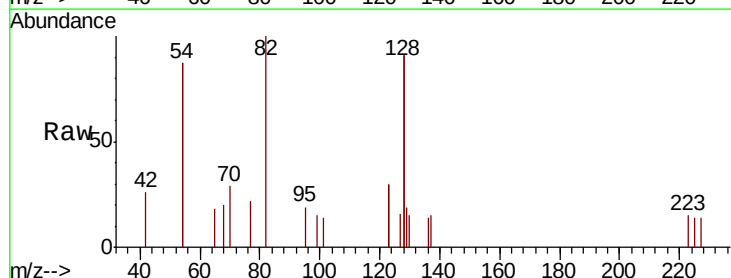
Tgt Ion: 82 Resp: 945

Ion Ratio Lower Upper

82 100

128 182.2 116.6 175.0#

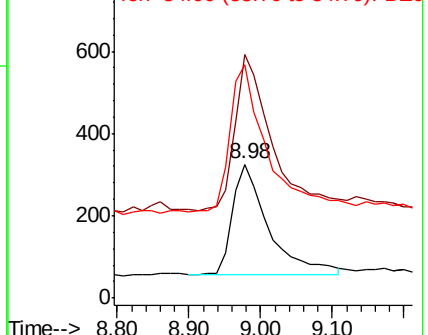
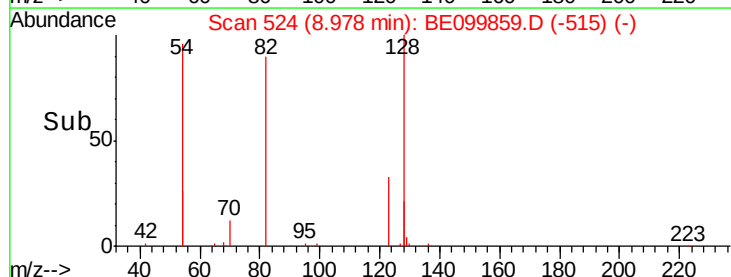
54 174.8 136.2 204.4

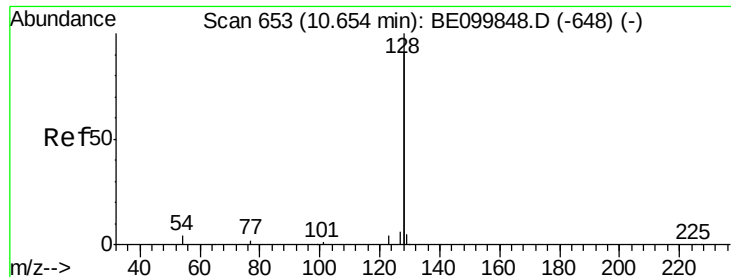


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.002 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

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BPS1-TT-MW301I-20190605

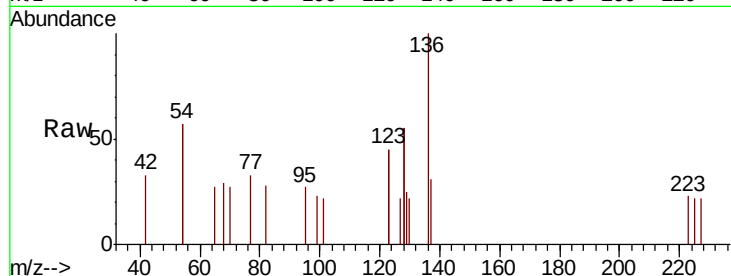
Tgt Ion:128 Resp: 65

Ion Ratio Lower Upper

128 100

129 22.6 2.6 4.0#

127 20.1 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

10.65

250

200

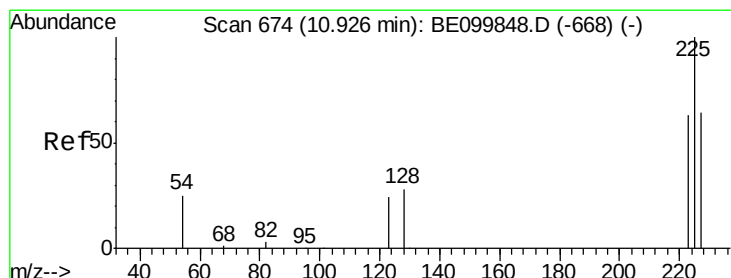
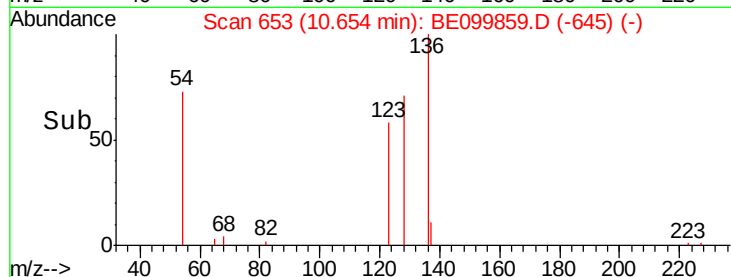
150

100

50

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.003 ng

RT: 10.91 min Scan# 673

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

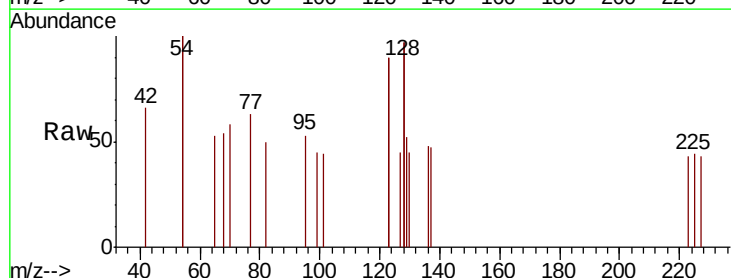
Tgt Ion:225 Resp: 7

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

10.91

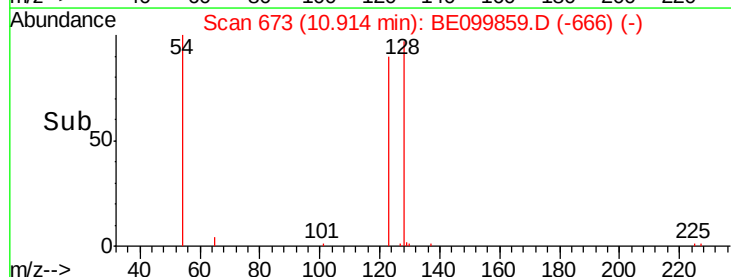
60

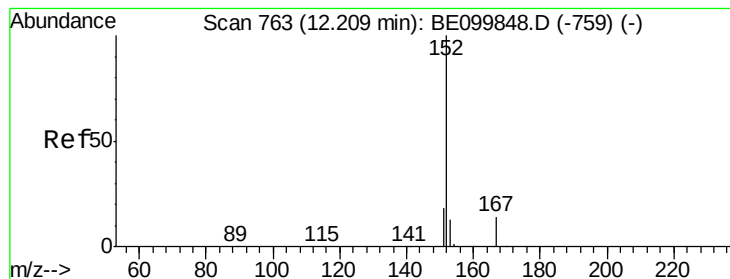
40

20

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099859.D

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ClientSampleId :

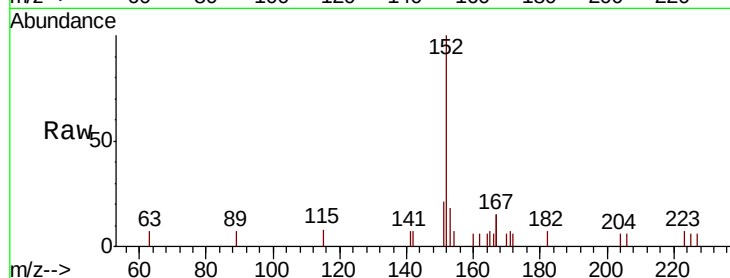
BPS1-TT-MW301I-20190605

Tgt Ion:152 Resp: 1724

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

800

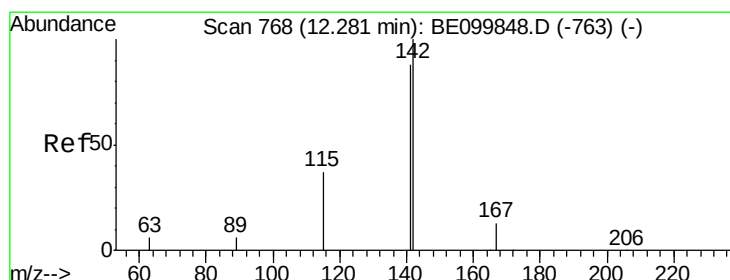
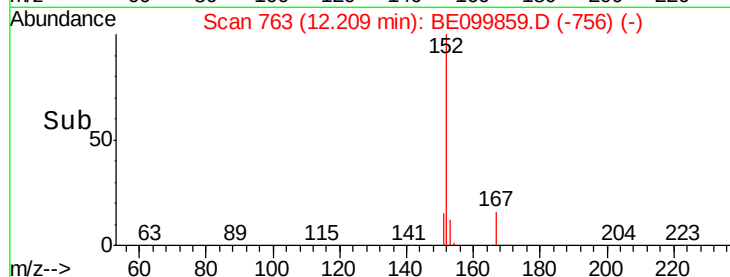
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

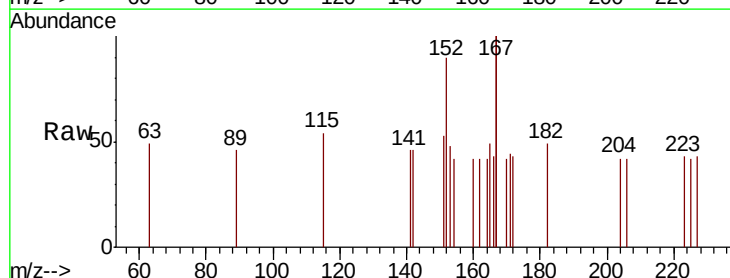
Tgt Ion:142 Resp: 10

Ion Ratio Lower Upper

142 100

141 100.0 73.3 109.9

115 116.0 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

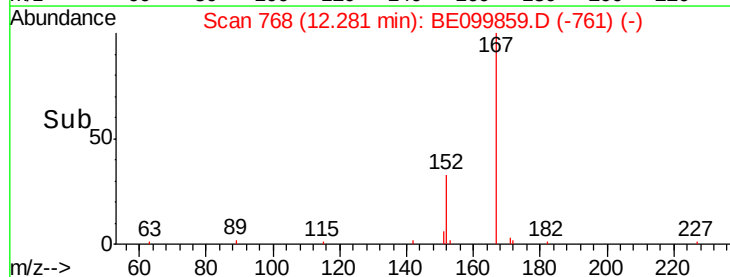
60

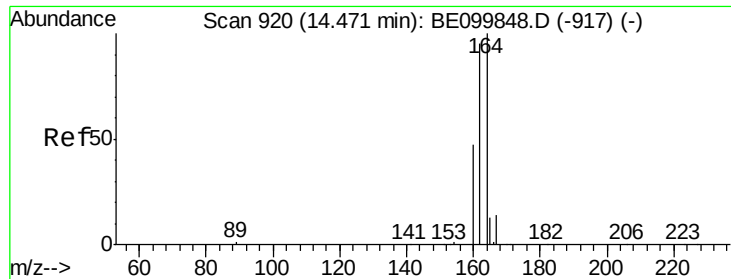
40

20

0

Time-->

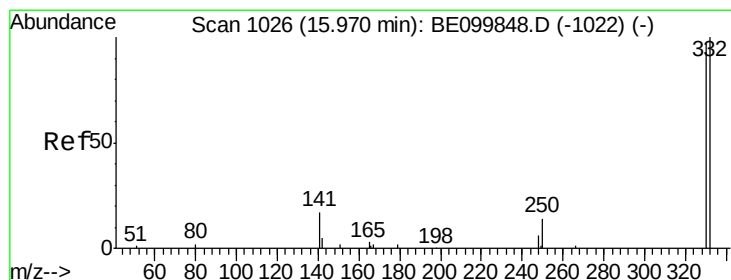
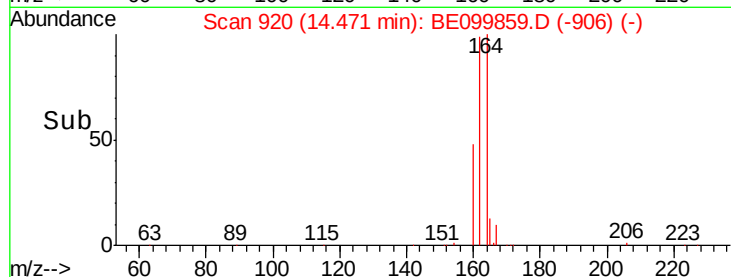
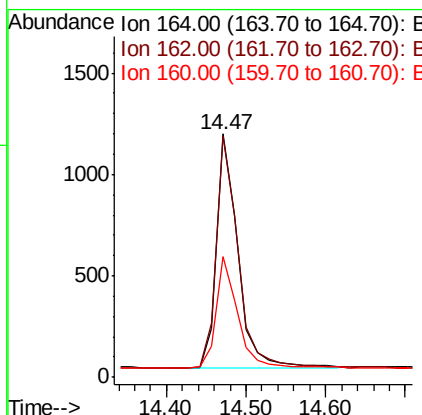
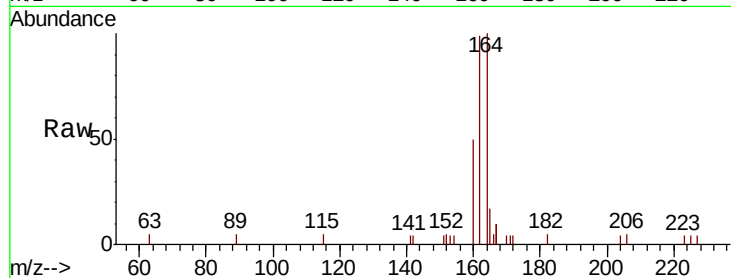




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099859.D
 Acq: 7 Jun 2019 19:05

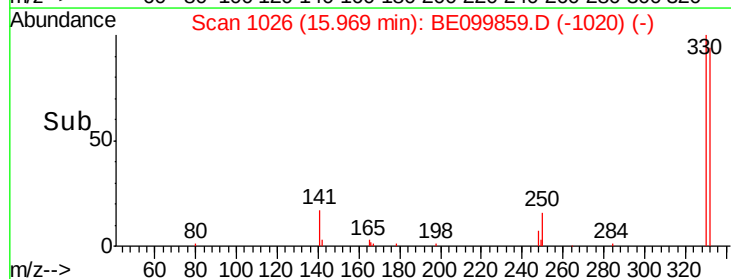
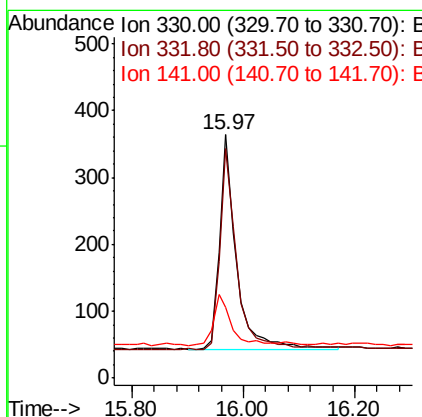
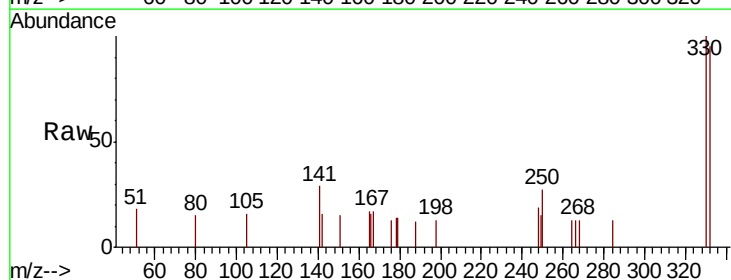
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW301I-20190605

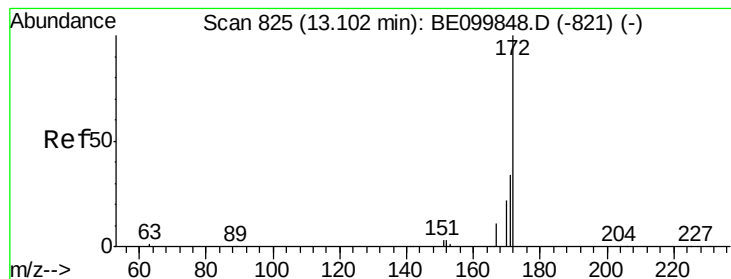
Tgt Ion:164 Resp: 2156
 Ion Ratio Lower Upper
 164 100
 162 99.2 77.2 115.8
 160 49.8 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.329 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099859.D
 Acq: 7 Jun 2019 19:05

Tgt Ion:330 Resp: 701
 Ion Ratio Lower Upper
 330 100
 332 90.6 74.9 112.3
 141 24.1 16.0 24.0#

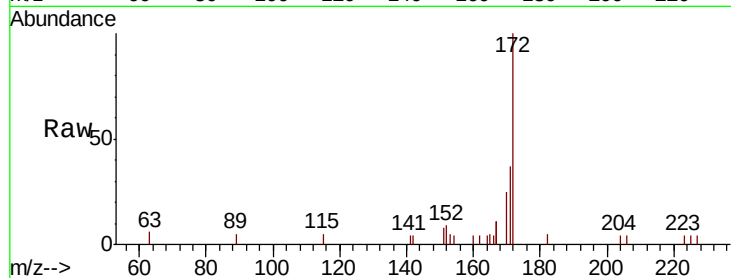




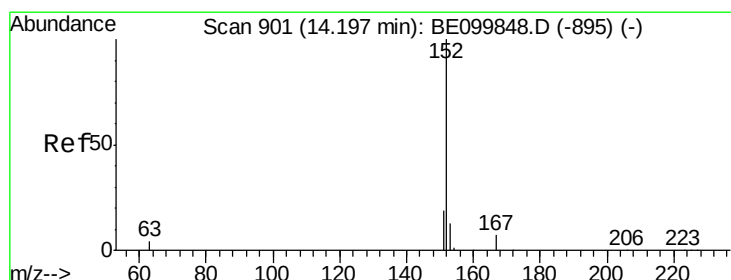
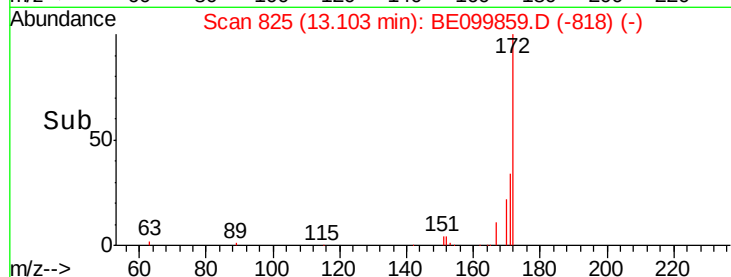
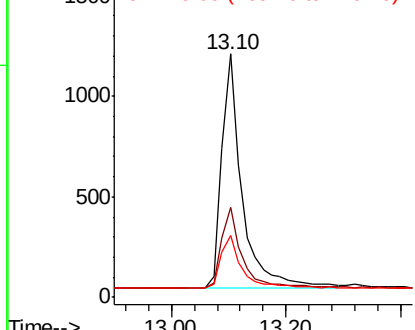
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

Tgt Ion:172 Resp: 2892
Ion Ratio Lower Upper
172 100
171 36.8 30.2 45.4
170 25.4 20.1 30.1

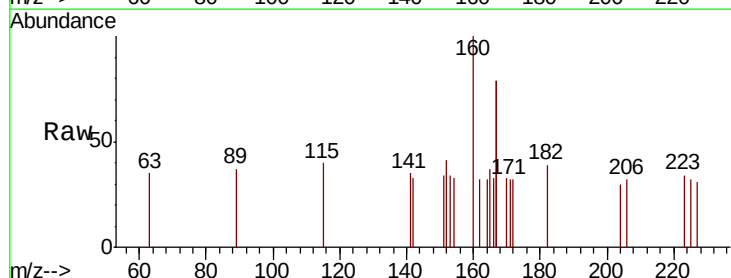


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

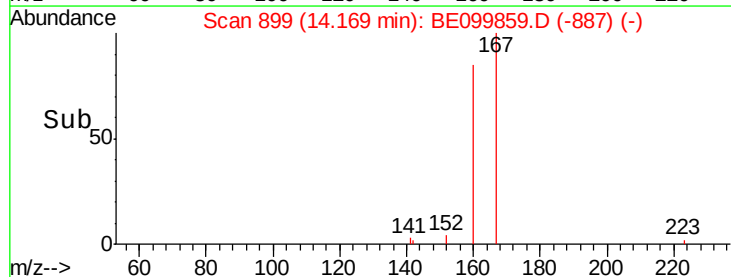
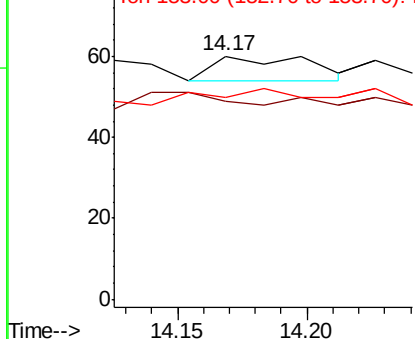


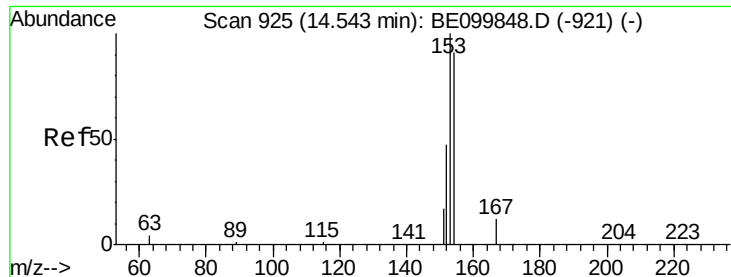
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:152 Resp: 16
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





#17

Acenaphthene

Concen: 0.003 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

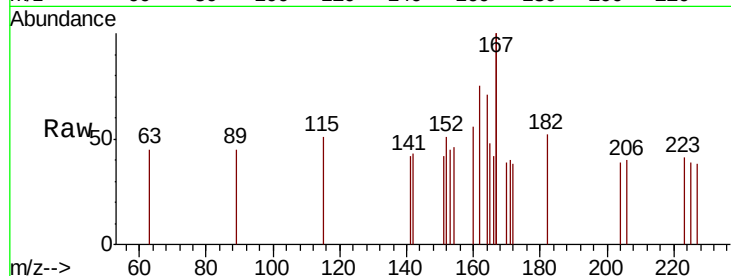
Tgt Ion:154 Resp: 15

Ion Ratio Lower Upper

154 100

153 66.7 93.8 140.6#

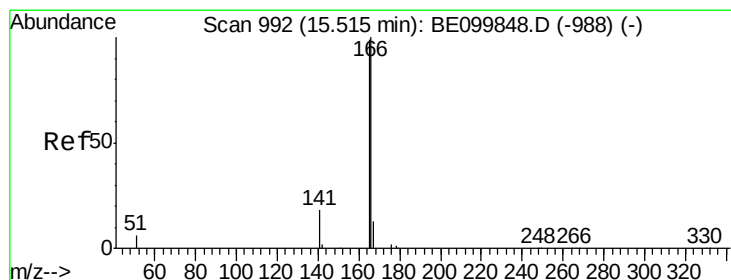
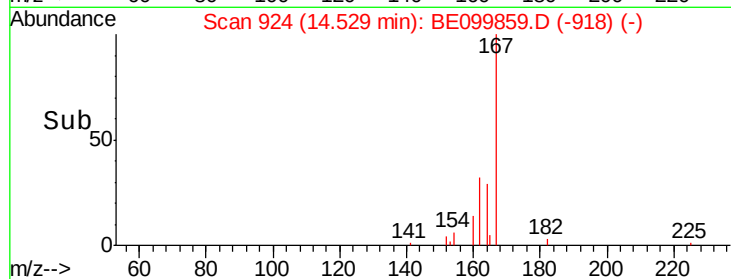
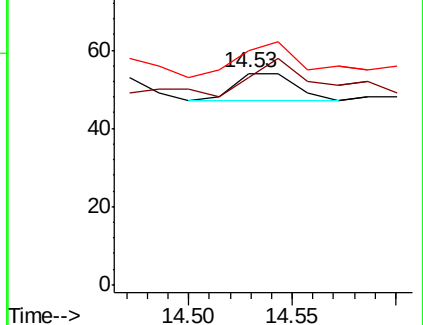
152 146.7 48.3 72.5#



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: BE099859.D

Acq: 7 Jun 2019 19:05

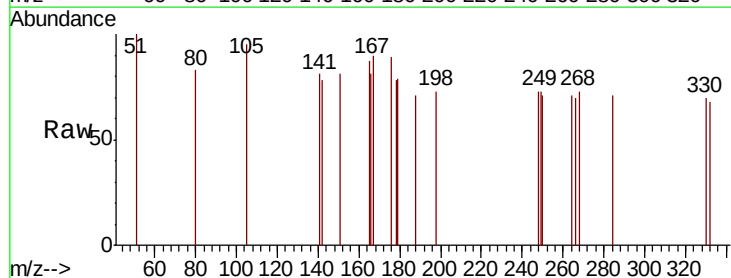
Tgt Ion:166 Resp: 13

Ion Ratio Lower Upper

166 100

165 0.0 80.4 120.6#

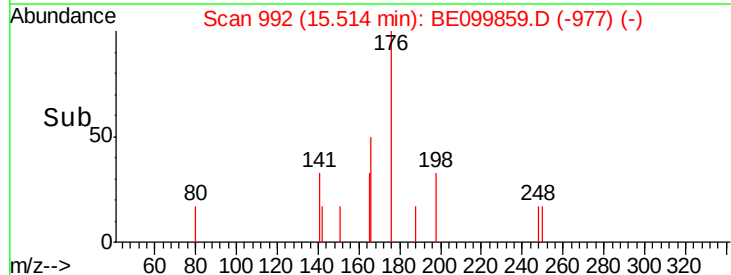
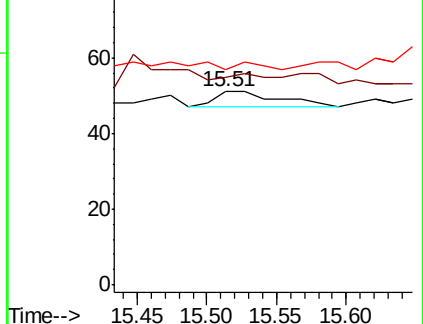
167 0.0 10.7 16.1#

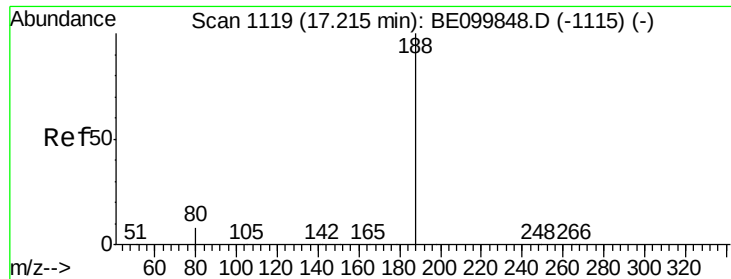


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

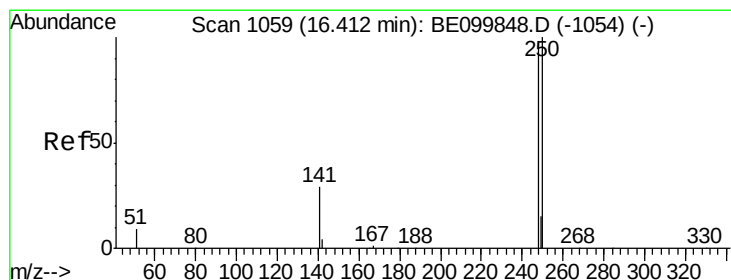
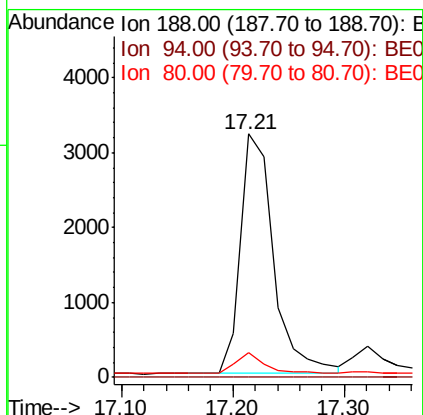
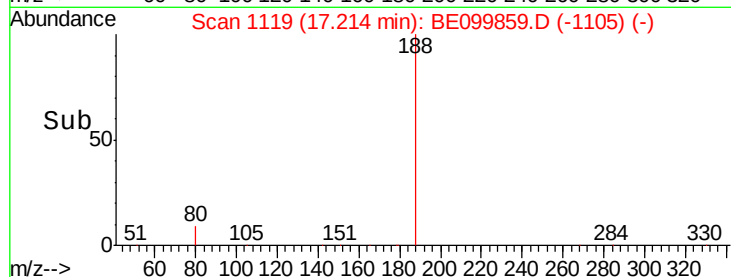
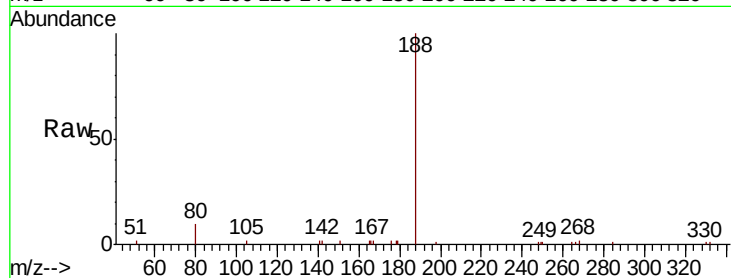
Tgt Ion:188 Resp: 6668

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.1 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.37 min Scan# 1056

Delta R.T. -0.04 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

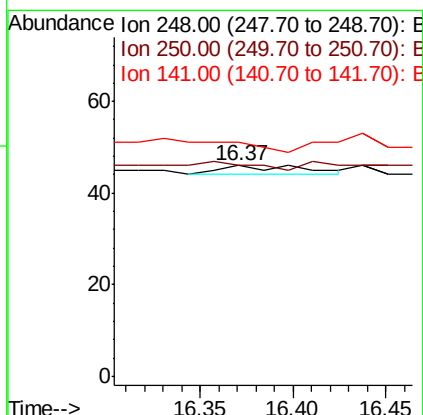
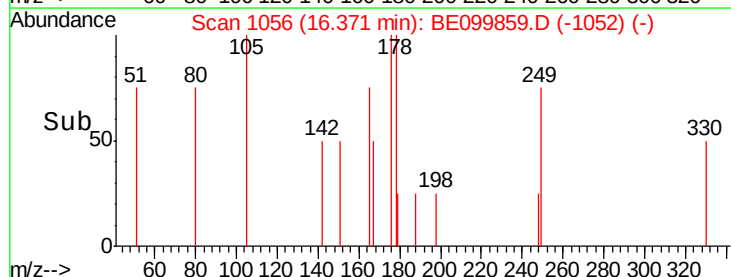
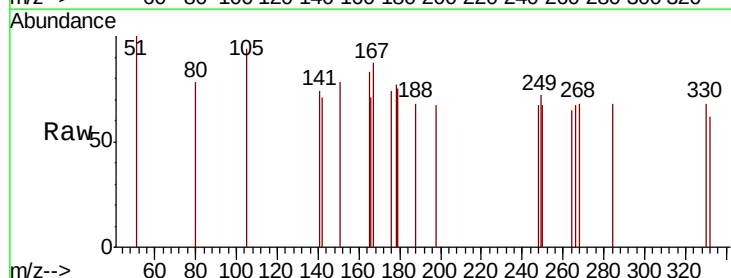
Tgt Ion:248 Resp: 6

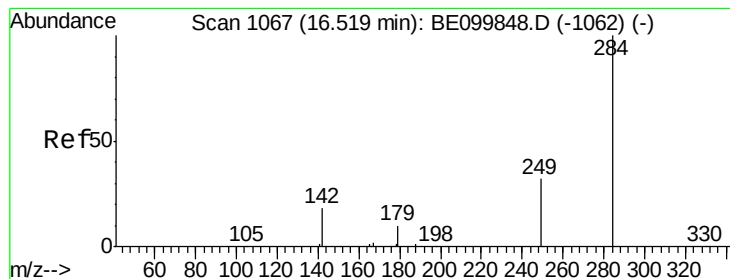
Ion Ratio Lower Upper

248 100

250 100.0 73.7 110.5

141 110.9 40.9 61.3#





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

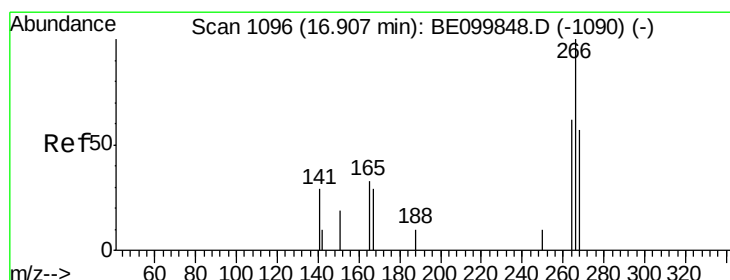
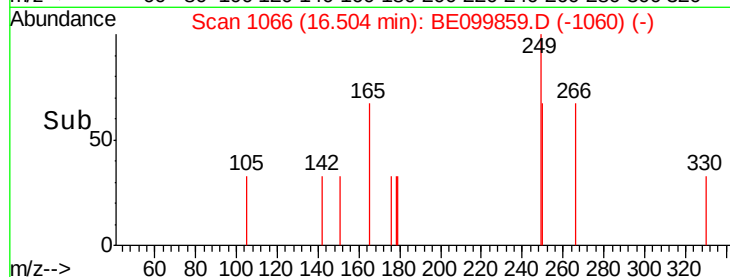
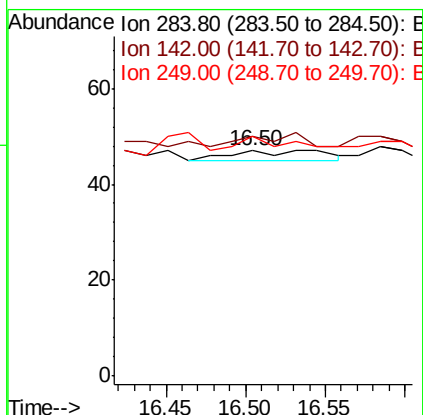
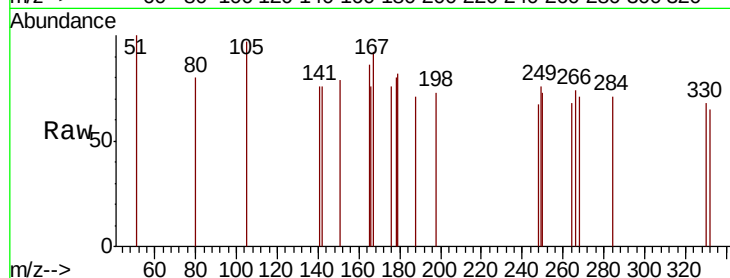
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

Tgt Ion:	284	Resp:	8
Ion Ratio	Lower	Upper	
284	100		
142	0.0	16.2	24.4#
249	50.0	23.1	34.7#



#22

Pentachlorophenol

Concen: 0.253 ng

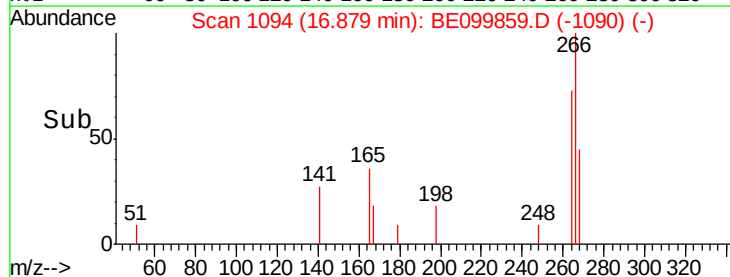
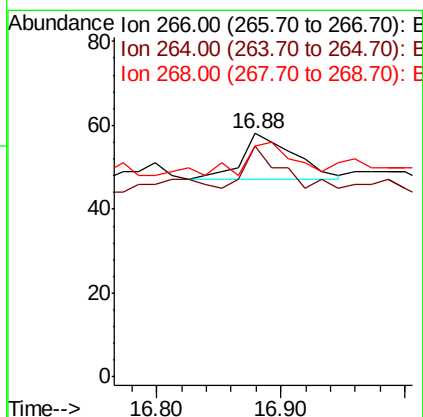
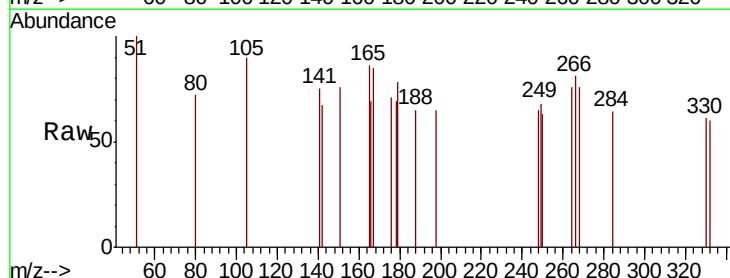
RT: 16.88 min Scan# 1094

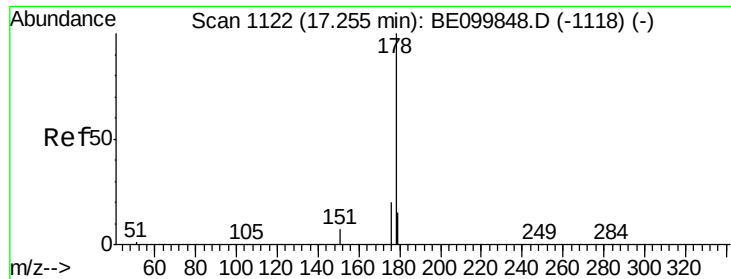
Delta R.T. -0.04 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

Tgt Ion:	266	Resp:	33
Ion Ratio	Lower	Upper	
266	100		
264	94.8	64.9	97.3
268	94.8	64.0	96.0





#23

Phenanthrene

Concen: 0.006 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

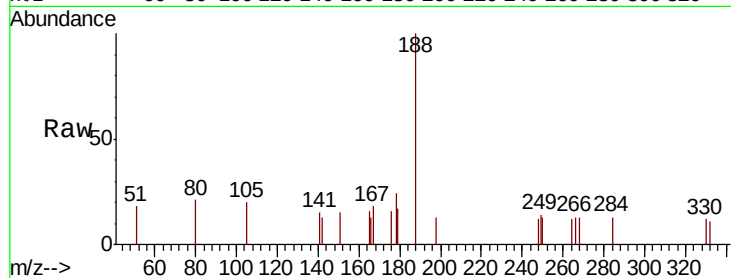
Tgt Ion:178 Resp: 93

Ion Ratio Lower Upper

178 100

176 33.3 15.4 23.0#

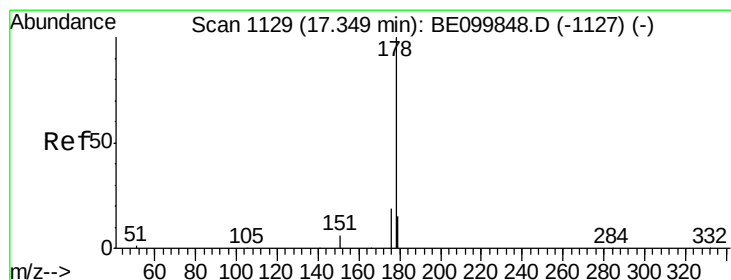
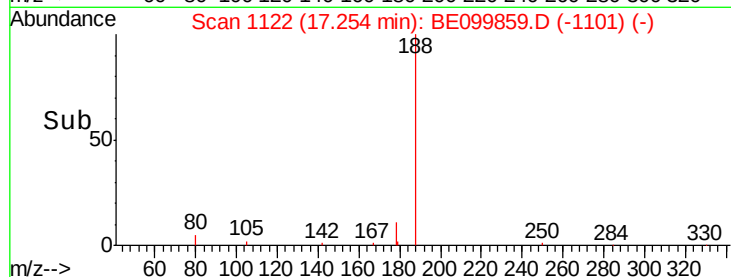
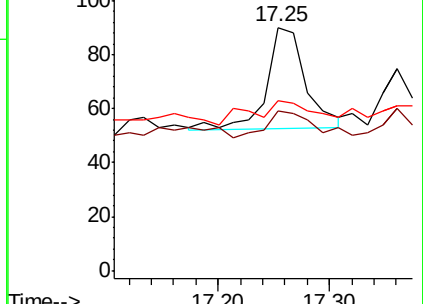
179 37.6 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.003 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

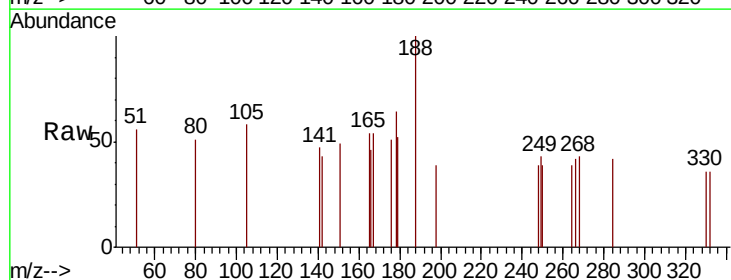
Tgt Ion:178 Resp: 46

Ion Ratio Lower Upper

178 100

176 50.0 15.1 22.7#

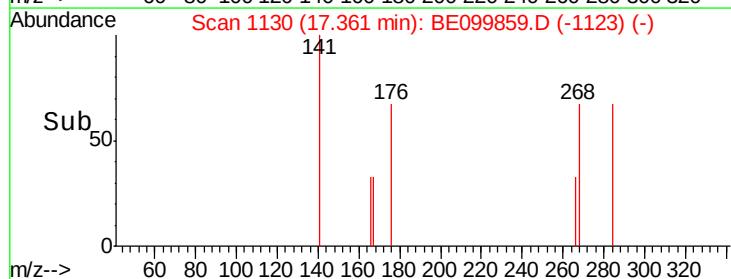
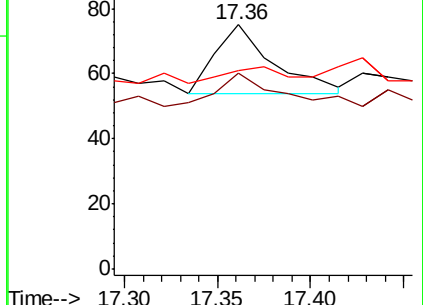
179 21.7 12.1 18.1#

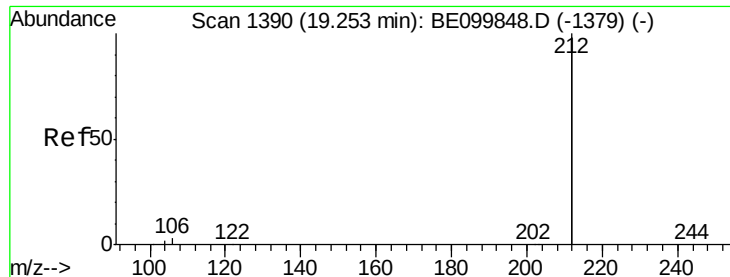


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

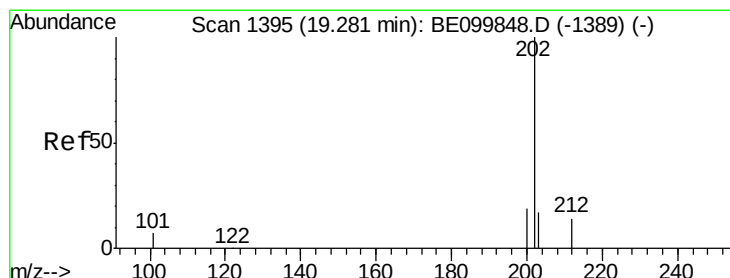
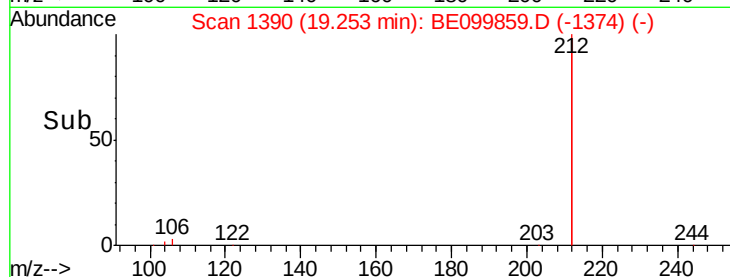
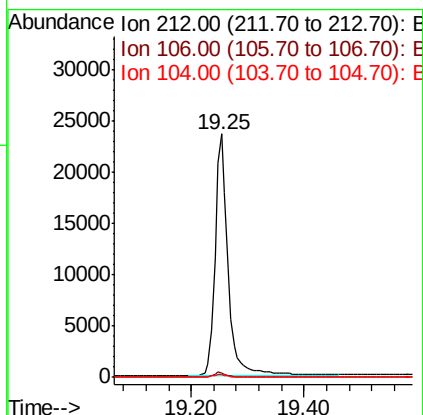
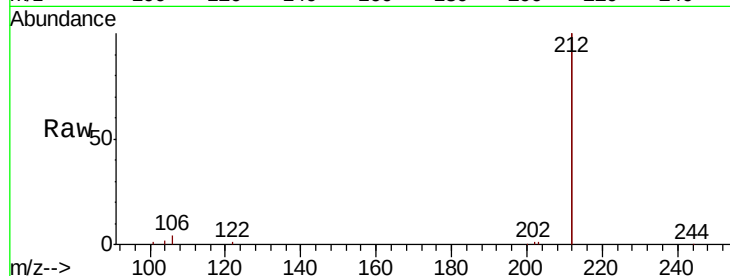




#25
 Fluoranthene-d10
 Concen: 0.359 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099859.D
 Acq: 7 Jun 2019 19:05

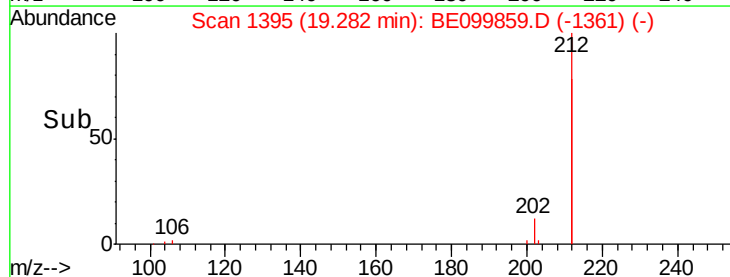
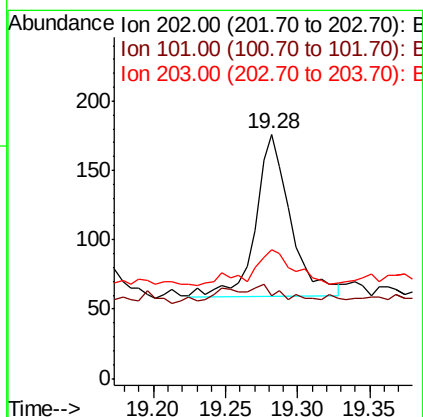
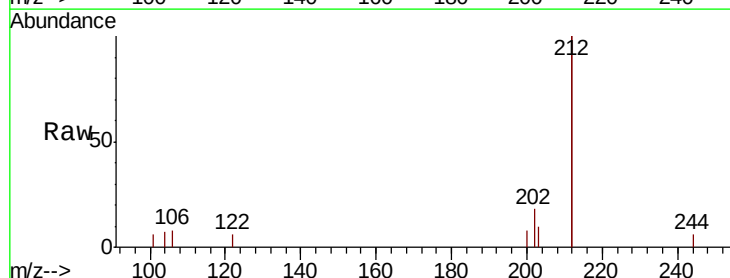
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW301I-20190605

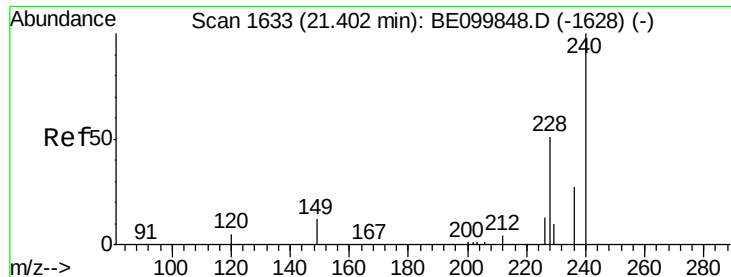
Tgt Ion:212 Resp: 37140
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.0 0.8 1.2



#26
 Fluoranthene
 Concen: 0.007 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BE099859.D
 Acq: 7 Jun 2019 19:05

Tgt Ion:202 Resp: 197
 Ion Ratio Lower Upper
 202 100
 101 6.1 5.2 7.8
 203 20.8 13.6 20.4#

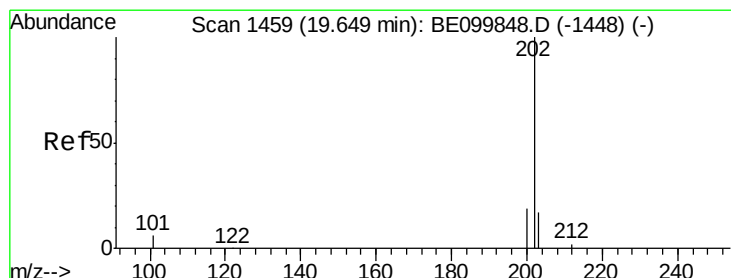
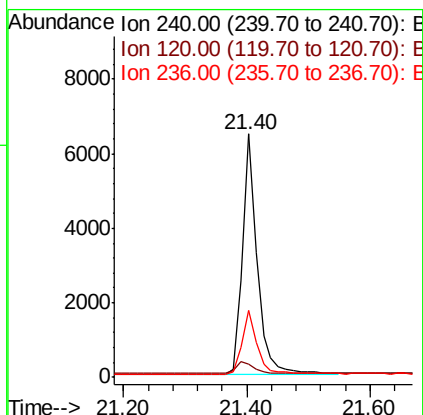
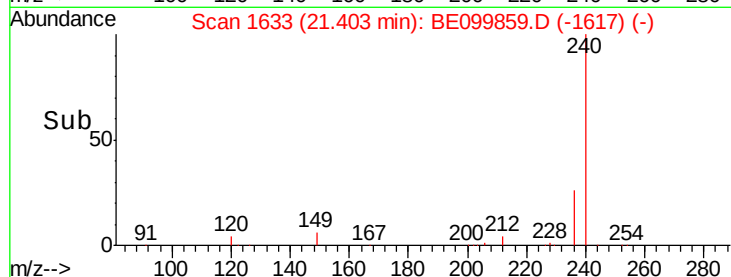
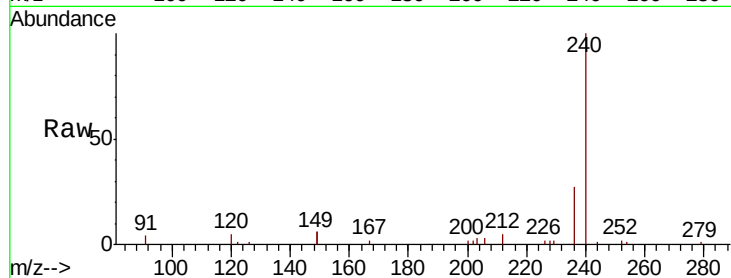




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

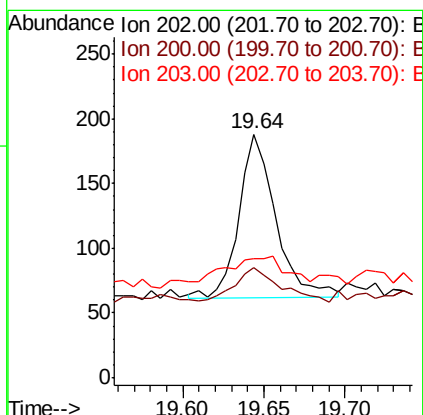
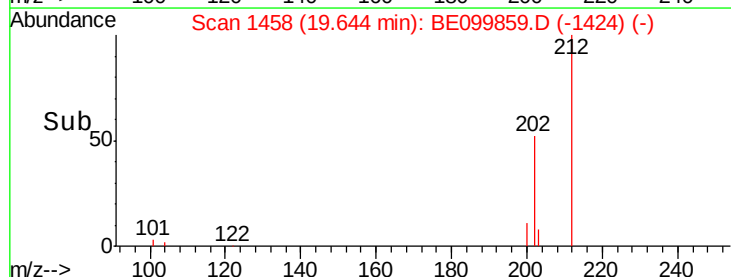
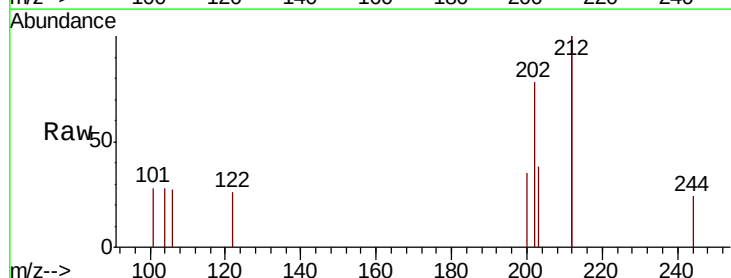
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW301I-20190605

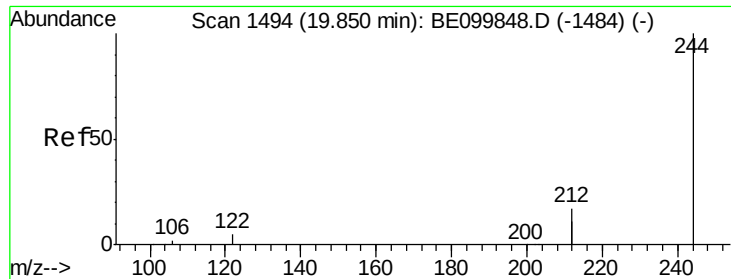
Tgt Ion:240 Resp: 10635
Ion Ratio Lower Upper
240 100
120 5.3 2.8 4.2#
236 27.5 20.9 31.3



#28
Pyrene
Concen: 0.007 ng
RT: 19.64 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BE099859.D
Acq: 7 Jun 2019 19:05

Tgt Ion:202 Resp: 200
Ion Ratio Lower Upper
202 100
200 26.0 15.6 23.4#
203 36.5 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.421 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

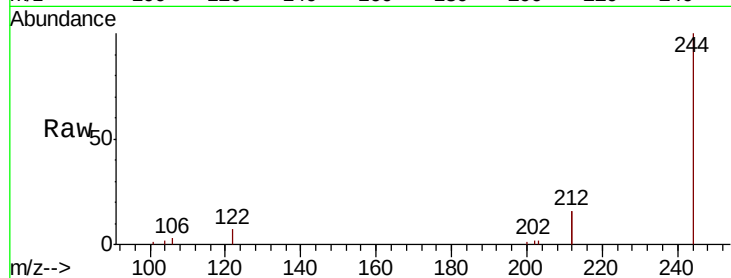
Tgt Ion:244 Resp: 8357

Ion Ratio Lower Upper

244 100

212 32.3 23.7 35.5

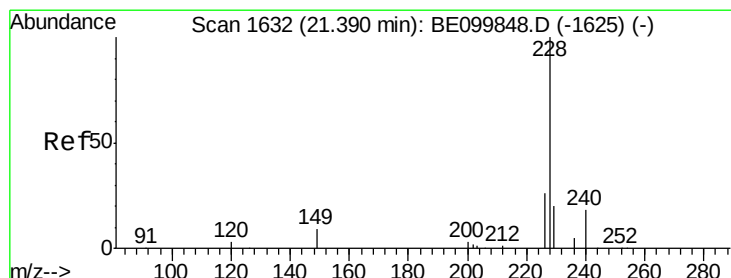
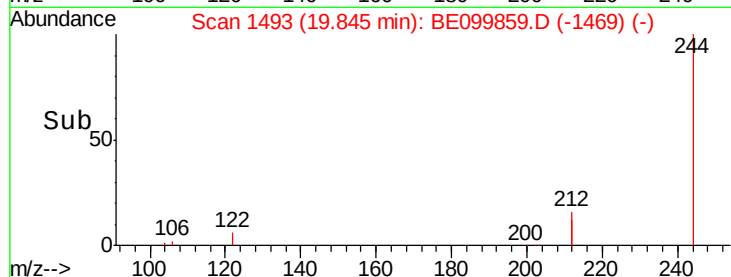
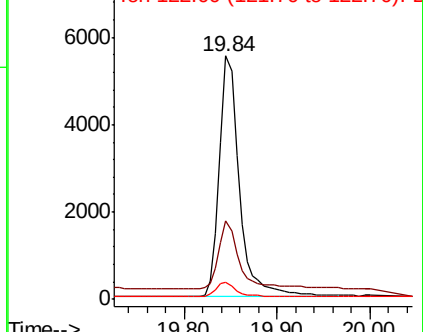
122 7.2 4.8 7.2



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: 0.007 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

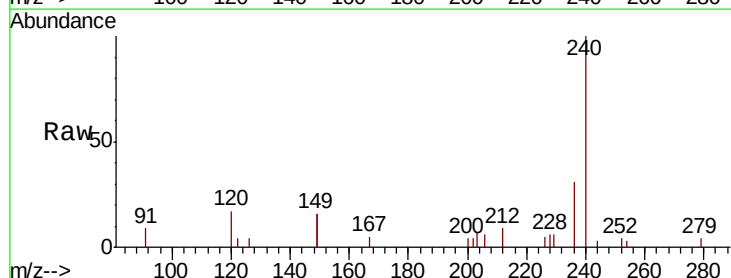
Tgt Ion:228 Resp: 228

Ion Ratio Lower Upper

228 100

226 71.9 21.6 32.4#

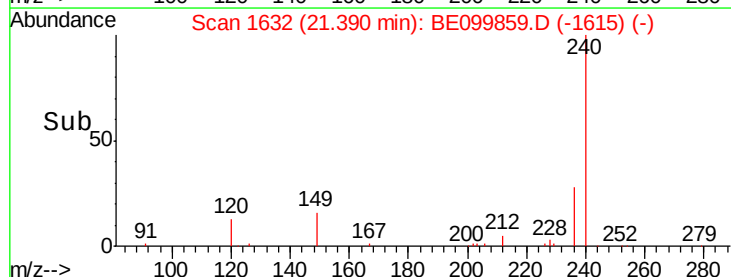
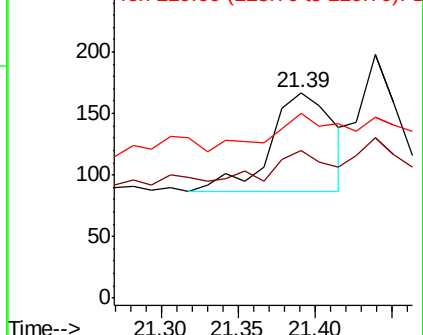
229 89.8 15.8 23.6#

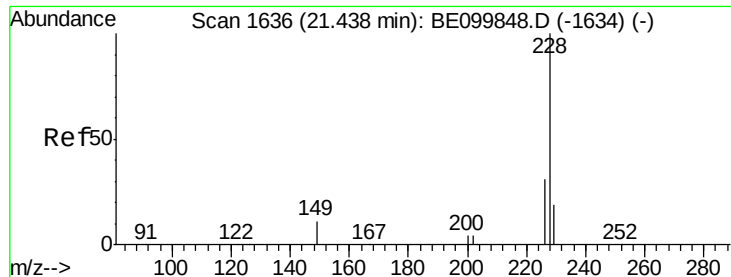


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.005 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

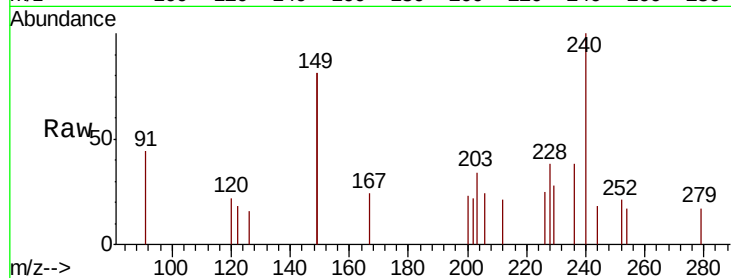
Tgt Ion:228 Resp: 164

Ion Ratio Lower Upper

228 100

226 65.7 22.9 34.3#

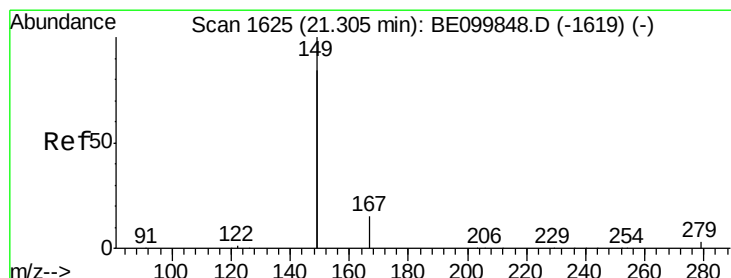
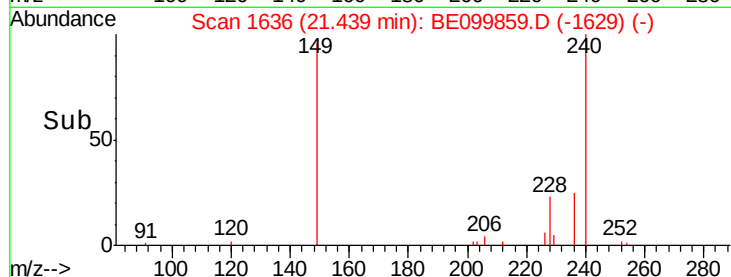
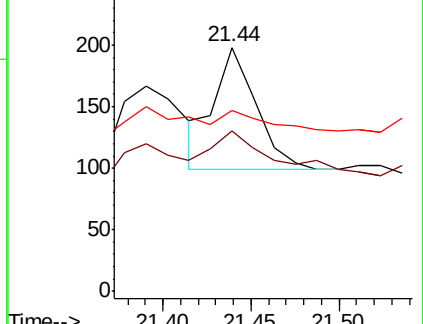
229 74.2 16.4 24.6#



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: 0.020 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

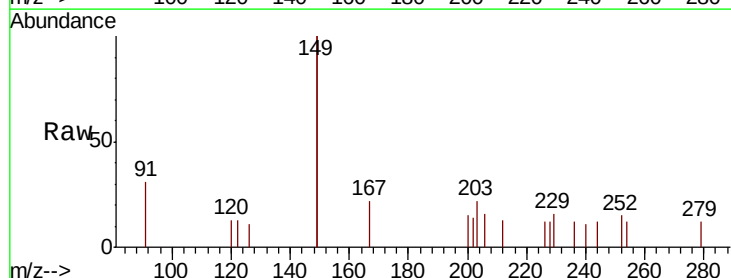
Tgt Ion:149 Resp: 1121

Ion Ratio Lower Upper

149 100

167 11.6 6.0 9.0#

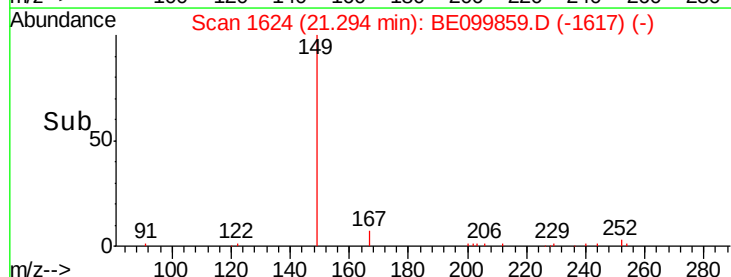
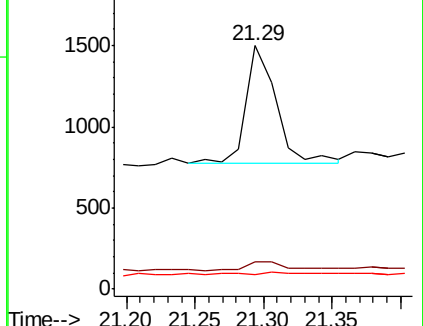
279 2.3 1.2 1.8#

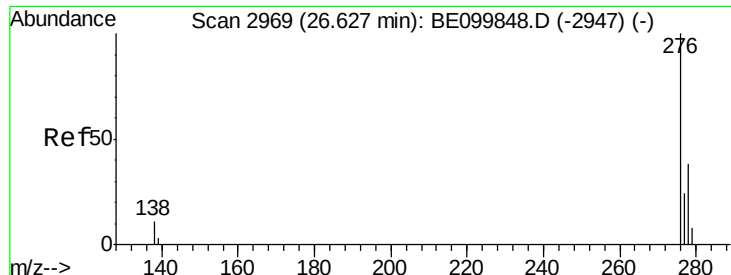


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2962

Delta R.T. -0.03 min

Lab File: BE099859.D

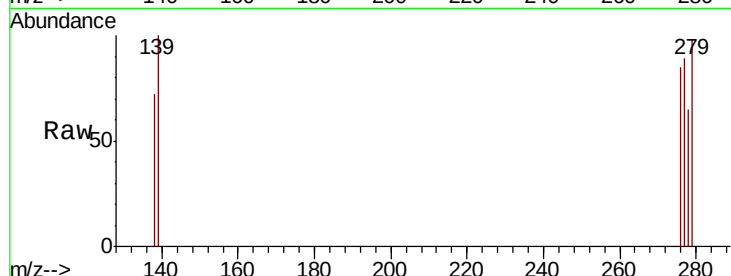
Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605



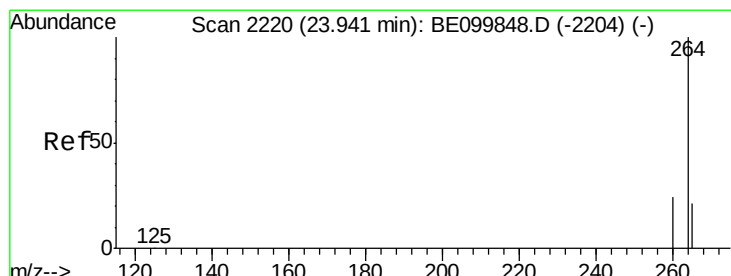
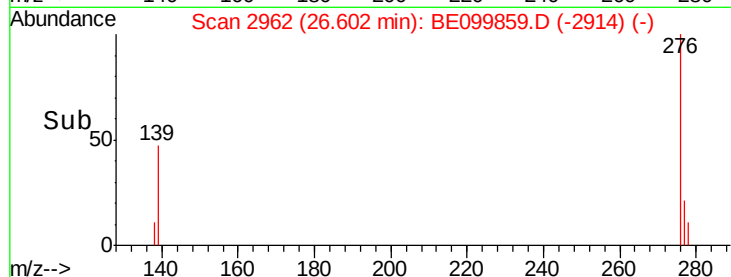
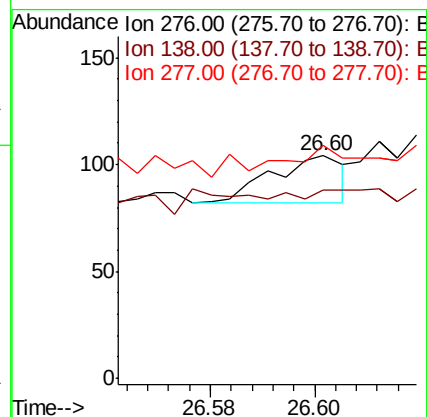
Tgt Ion:276 Resp: 21

Ion Ratio Lower Upper

276 100

138 0.0 10.3 15.5#

277 14.3 19.4 29.2#



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

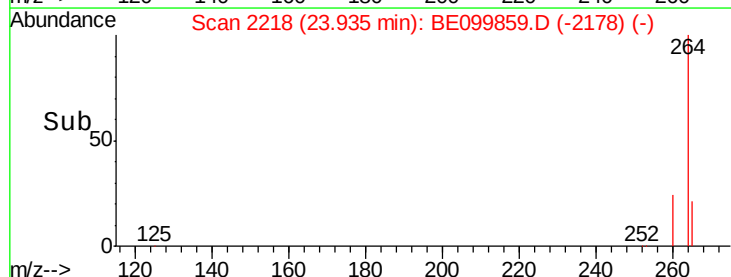
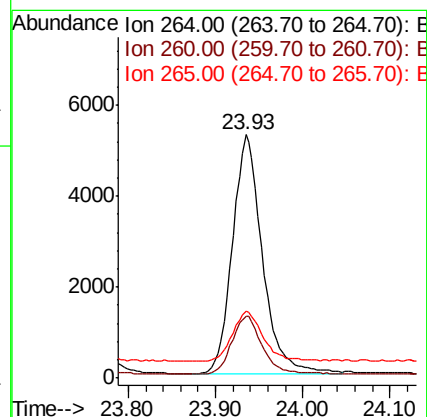
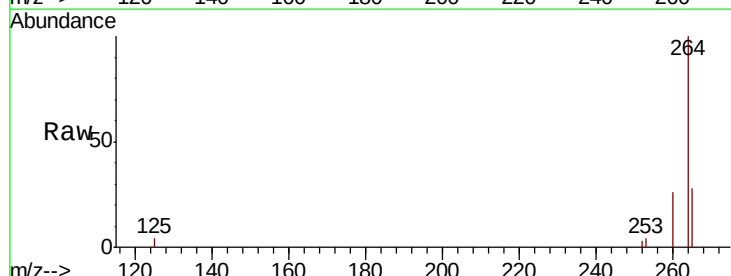
Tgt Ion:264 Resp: 12566

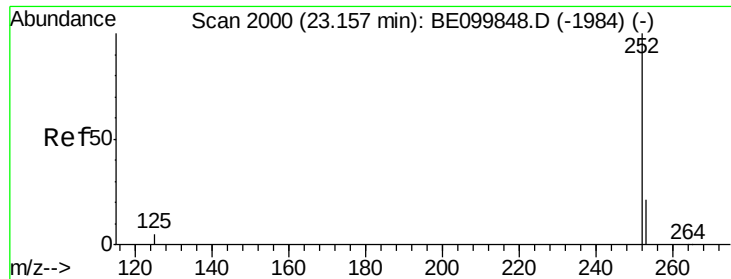
Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

265 27.7 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.008 ng

RT: 23.16 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

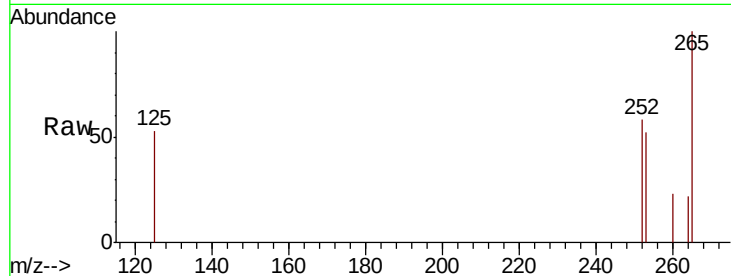
Tgt Ion:252 Resp: 290

Ion Ratio Lower Upper

252 100

253 89.5 18.9 28.3#

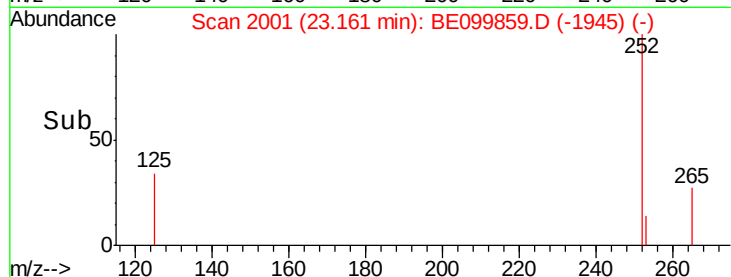
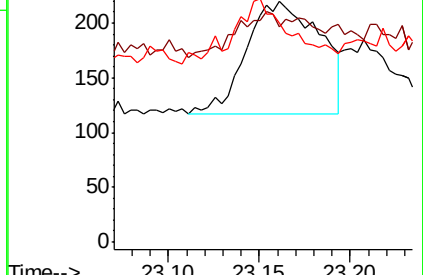
125 90.9 7.6 11.4#



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# 2001

Delta R.T. -0.05 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

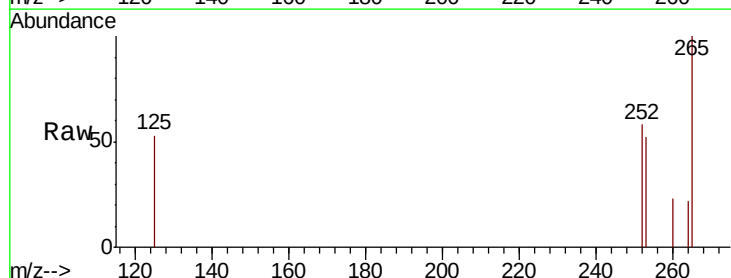
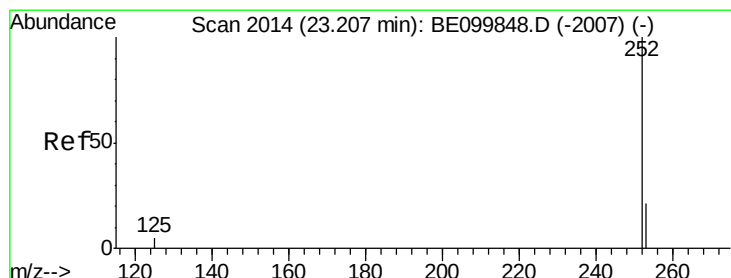
Tgt Ion:252 Resp: 290

Ion Ratio Lower Upper

252 100

253 89.5 18.4 27.6#

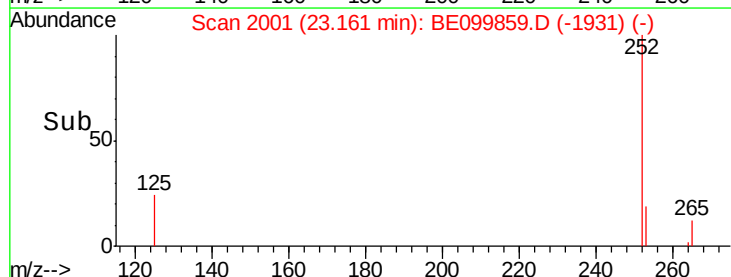
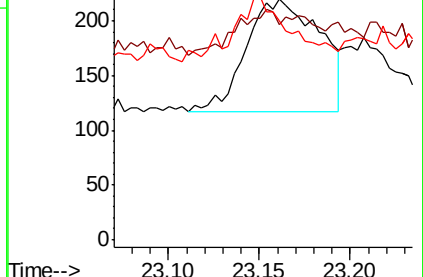
125 90.9 4.6 7.0#

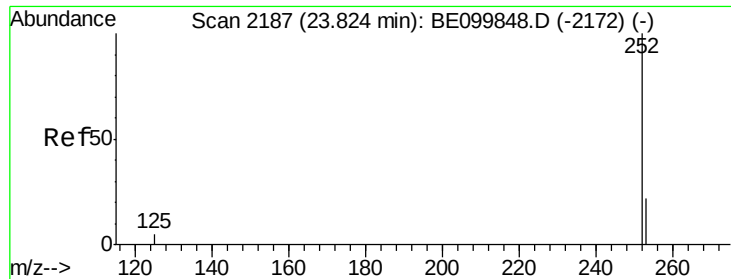


Abundance Ion 252.00 (251.70 to 252.70): E

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# 2185

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605

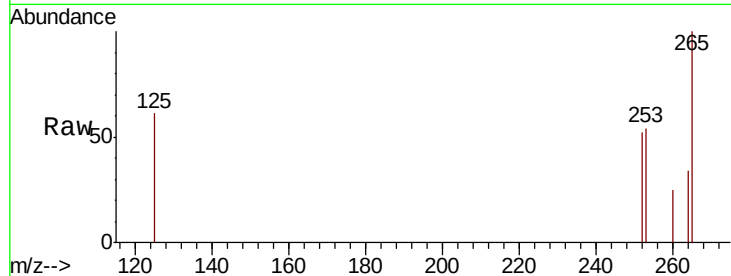
Tgt Ion: 252 Resp: 155

Ion Ratio Lower Upper

252 100

253 105.2 19.3 28.9#

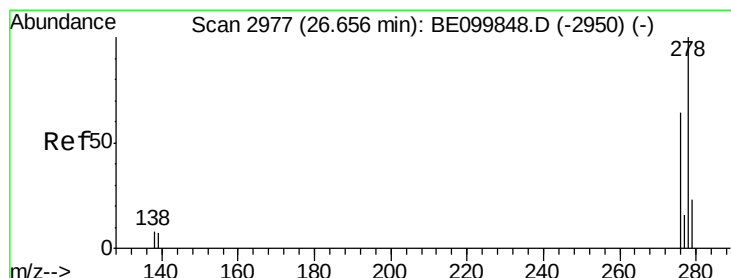
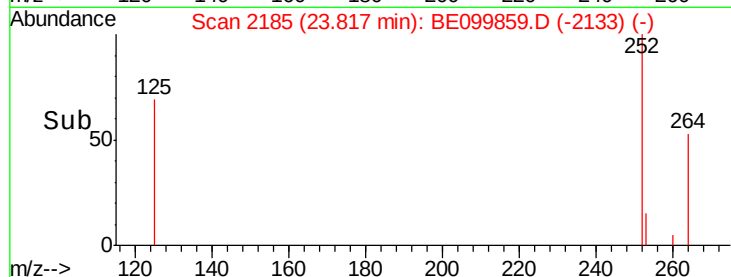
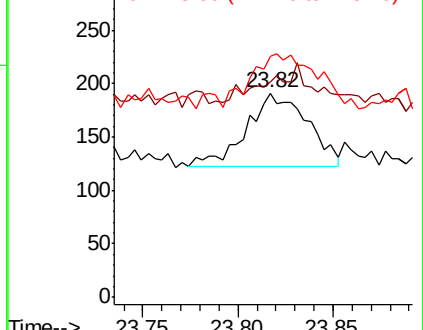
125 117.8 10.2 15.4#



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: 26.64 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BE099859.D

Acq: 7 Jun 2019 19:05

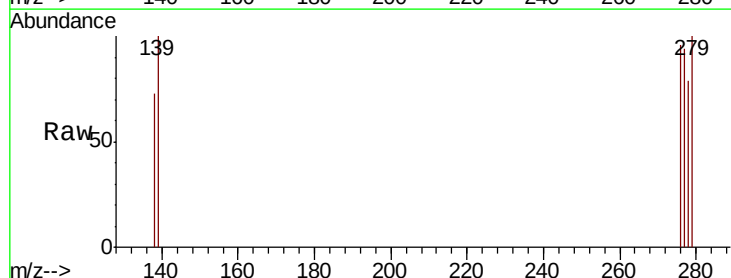
Tgt Ion: 278 Resp: 4

Ion Ratio Lower Upper

278 100

139 127.2 7.9 11.9#

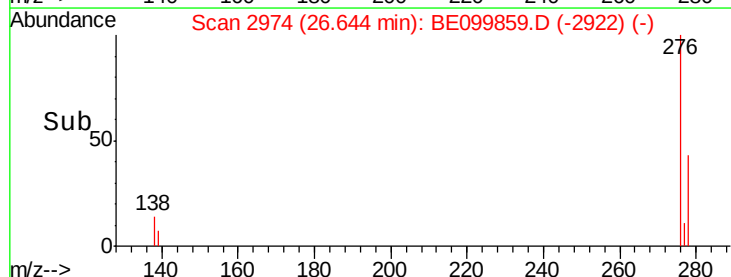
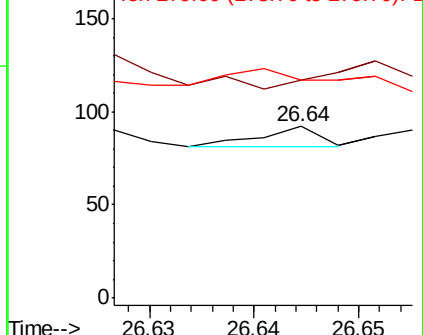
279 127.2 18.5 27.7#

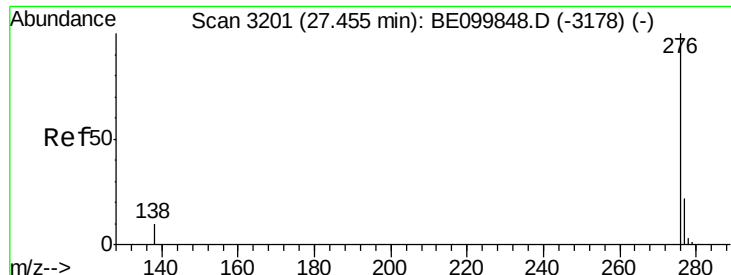


Abundance Ion 278.00 (277.70 to 278.70): E

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# 3198

Delta R.T. -0.01 min

Lab File: BE099859.D

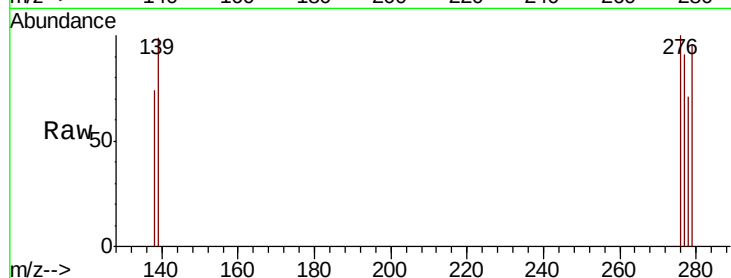
Acq: 7 Jun 2019 19:05

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW301I-20190605



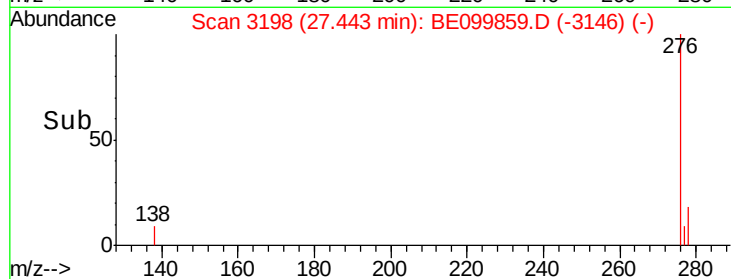
Tgt Ion: 276 Resp: 60

Ion Ratio Lower Upper

276 100

277 91.5 19.6 29.4#

138 73.5 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

